

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115764.D
 Acq On : 25 Jul 2019 18:13
 Operator : HP/JU
 Sample : K3990-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Manual Integrations
 APPROVED

mohammad
 7/26/2019 3:23:14 PM

Quant Time: Jul 26 06:56:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136733	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	532035	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	297433	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	554750	20.00	ng	0.00
76) Chrysene-d12	14.03	240	432703	20.00	ng	0.00
87) Perylene-d12	15.50	264	439801	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	786685	94.11	ng	0.00
7) Phenol-d6	6.50	99	1038192	97.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	646909	70.70	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	313297	90.24	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1183251	69.63	ng	0.00
79) Terphenyl-d14	12.97	244	1483371	63.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	115113	27.607	ng	99
3) Pyridine	3.46	79	78871	6.972	ng	97
4) n-Nitrosodimethylamine	3.36	42	137945	33.612	ng	99
6) Aniline	6.53	93	335988	22.762	ng	98
8) 2-Chlorophenol	6.66	128	317193	33.004	ng	95
9) Benzaldehyde	6.42	77	205339	30.979	ng	99
10) Phenol	6.52	94	418583	33.995	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	300795	32.086	ng	96
12) 1,3-Dichlorobenzene	6.81	146	341878	31.639	ng	98
13) 1,4-Dichlorobenzene	6.89	146	345906	32.084	ng	98
14) 1,2-Dichlorobenzene	7.04	146	327551	33.235	ng	99
15) Benzyl Alcohol	7.01	79	276218	32.827	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	410939	33.296	ng	100
17) 2-Methylphenol	7.12	107	271219	32.746	ng	100
18) Hexachloroethane	7.39	117	123463	30.853	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	220342	31.852	ng	99
20) 3+4-Methylphenols	7.27	107	325539	33.090	ng	95
22) Acetophenone	7.27	105	431571	35.906	ng	99
24) Nitrobenzene	7.45	77	352288	35.697	ng	98
25) Isophorone	7.69	82	633057	34.576	ng	98
26) 2-Nitrophenol	7.77	139	170656	33.596	ng	95
27) 2,4-Dimethylphenol	7.80	122	285026	37.501	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	394308	35.105	ng	99
29) 2,4-Dichlorophenol	8.01	162	281101	35.562	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	297541	33.301	ng	99
31) Naphthalene	8.17	128	931609	36.156	ng	99
32) Benzoic acid	7.88	122	41457	6.646	ng	99
33) 4-Chloroaniline	8.22	127	280239	24.554	ng	99
34) Hexachlorobutadiene	8.29	225	166532	32.501	ng	99
35) Caprolactam	8.57	113	85763m	35.112	ng	
36) 4-Chloro-3-methylphenol	8.70	107	300890	36.697	ng	97
37) 2-Methylnaphthalene	8.86	142	637858	37.346	ng	100
38) 1-Methylnaphthalene	8.96	142	591916	36.486	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	287872	32.140	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	210716	41.242	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	196872	30.057	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	213973	31.899	nq	96
46) 1,1'-Biphenyl	9.33	154	778199	33.467	nq	99
47) 2-Chloronaphthalene	9.35	162	611471	31.582	nq	99
48) 2-Nitroaniline	9.45	65	198513	33.126	nq	95
49) Acenaphthylene	9.77	152	964366	33.614	nq	99
50) Dimethylphthalate	9.63	163	984909	44.012	nq	100
51) 2,6-Dinitrotoluene	9.69	165	165067	32.458	nq	97
52) Acenaphthene	9.94	154	623923	33.685	nq	99
53) 3-Nitroaniline	9.86	138	158001	27.187	nq	99
54) 2,4-Dinitrophenol	9.97	184	83213	31.870	nq	93
55) Dibenzofuran	10.12	168	870772	33.104	nq	97
56) 4-Nitrophenol	10.02	139	295400	66.658	nq	98
57) 2,4-Dinitrotoluene	10.09	165	224788	34.118	nq	95
58) Fluorene	10.46	166	664312	35.328	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	183303	32.689	nq	98
60) Diethylphthalate	10.33	149	727206	34.683	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	337919	32.405	nq	98
62) 4-Nitroaniline	10.47	138	191355	34.327	nq	98
63) Azobenzene	10.60	77	743441	36.555	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	90586	26.727	nq	93
66) n-Nitrosodiphenylamine	10.56	169	610816	35.397	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	213985	33.754	nq	94
68) Hexachlorobenzene	11.01	284	235517	32.531	nq	# 92
69) Atrazine	11.09	200	205378	36.279	nq	98
70) Pentachlorophenol	11.20	266	242049	54.664	nq	98
71) Phenanthrene	11.42	178	1032379	36.305	nq	100
72) Anthracene	11.47	178	1081593	36.804	nq	99
73) Carbazole	11.62	167	975497	37.853	nq	100
74) Di-n-butylphthalate	11.95	149	1243930	39.187	nq	99
75) Fluoranthene	12.60	202	1115230	37.113	nq	98
77) Benzidine	12.72	184	133265	8.694	nq	98
78) Pyrene	12.83	202	1130395	30.834	nq	100
80) Butylbenzylphthalate	13.45	149	553525	35.419	nq	98
81) Benzo(a)anthracene	14.02	228	957126	33.576	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	337742	33.328	nq	99
83) Chrysene	14.06	228	956859	33.437	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	811158	41.903	nq	100
85) Di-n-octyl phthalate	14.62	149	1336865	43.404	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	958875	39.440	nq	99
88) Benzo(b)fluoranthene	15.07	252	909852	32.128	nq	99
89) Benzo(k)fluoranthene	15.10	252	818941	32.435	nq	99
90) Benzo(a)pyrene	15.44	252	837672	34.415	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	821751	38.456	nq	98
92) Benzo(g,h,i)perylene	17.42	276	763725	35.837	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

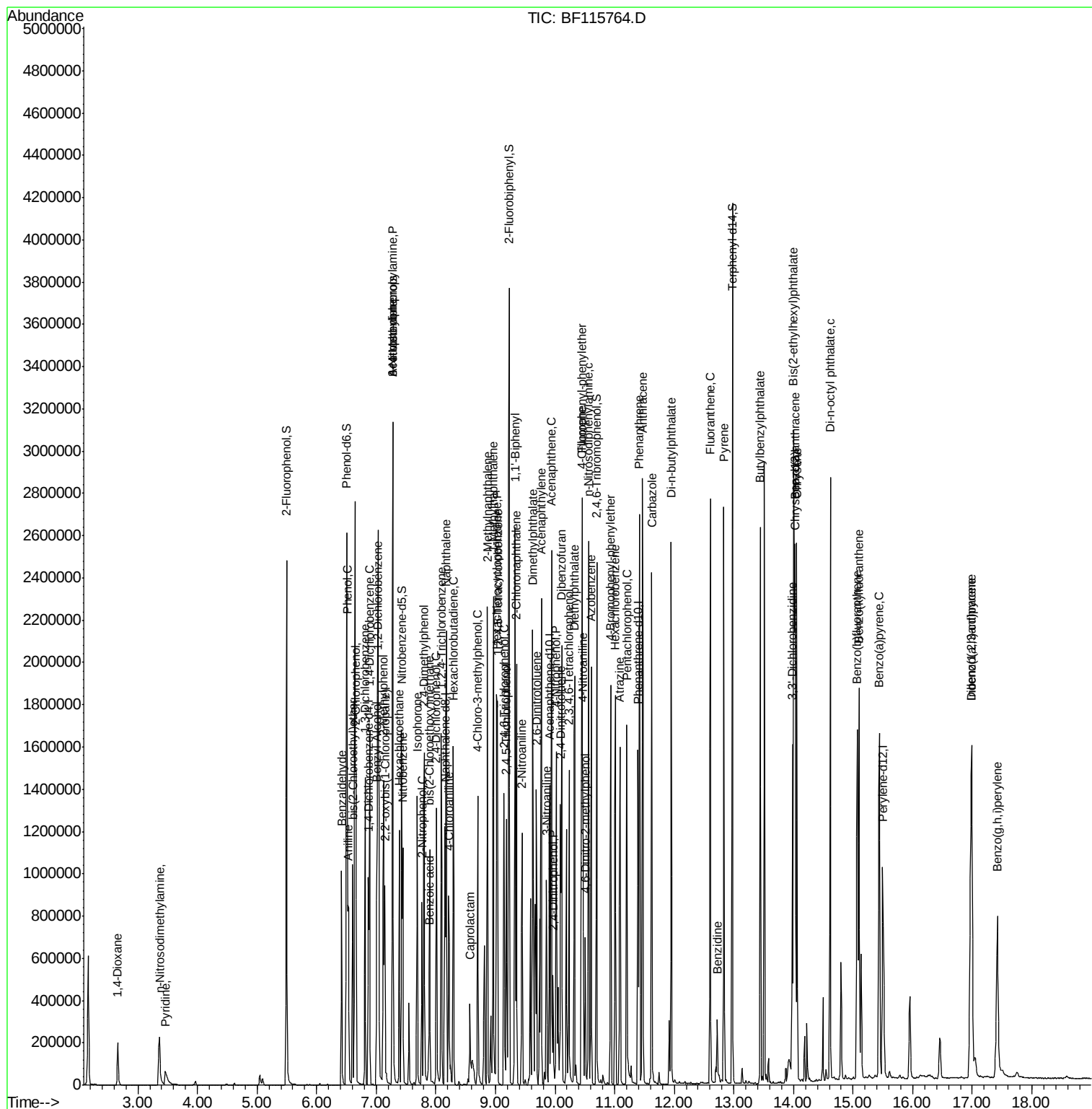
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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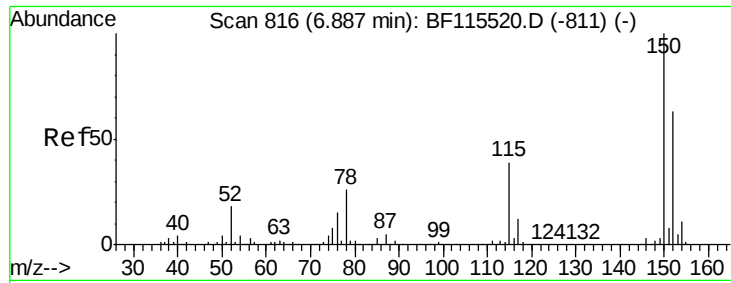
Instrument :
BNA_F
ClientSampled :
TP-1-BMSD

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#1

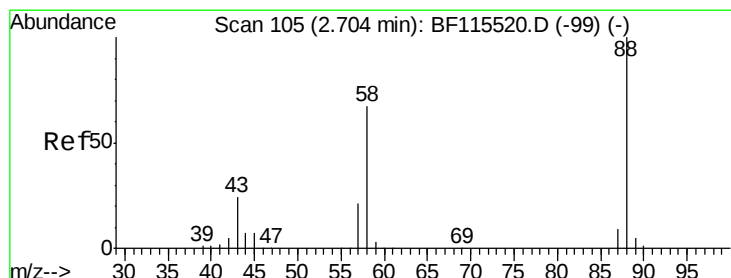
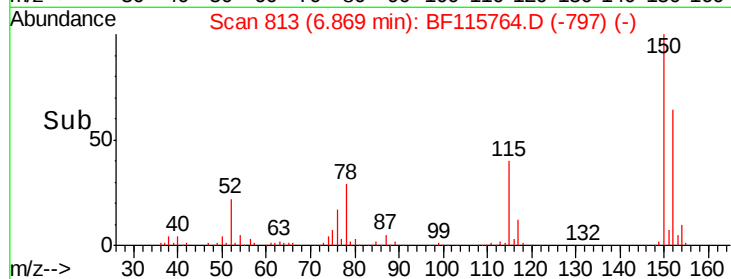
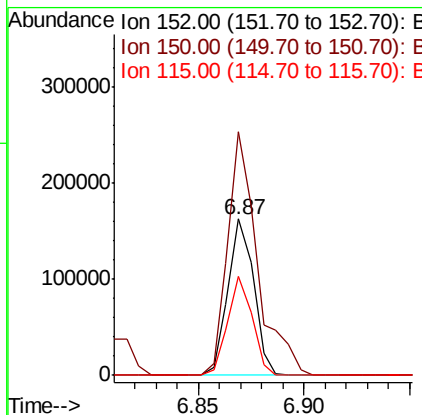
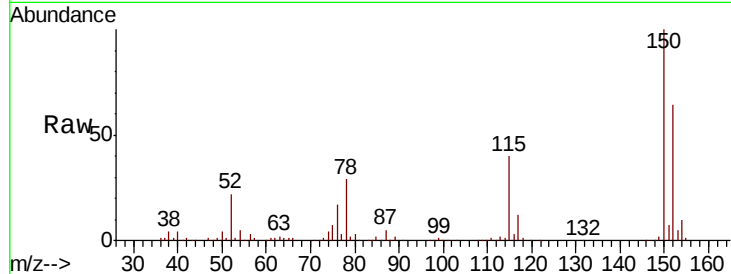
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	63.0	47.8	71.6

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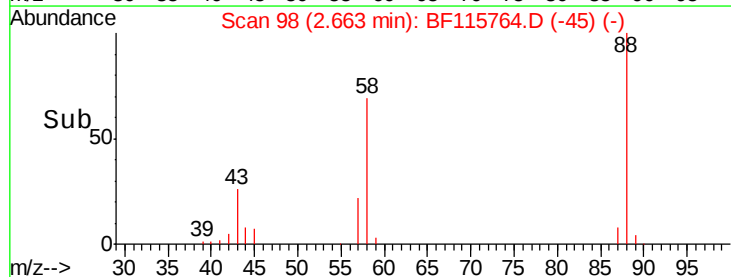
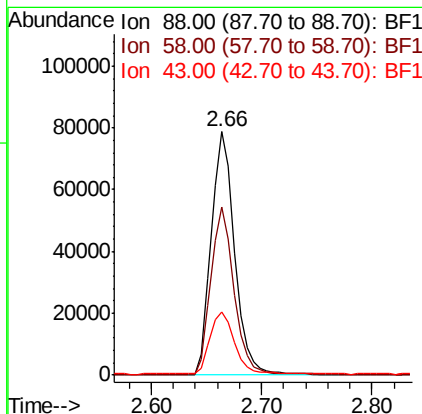
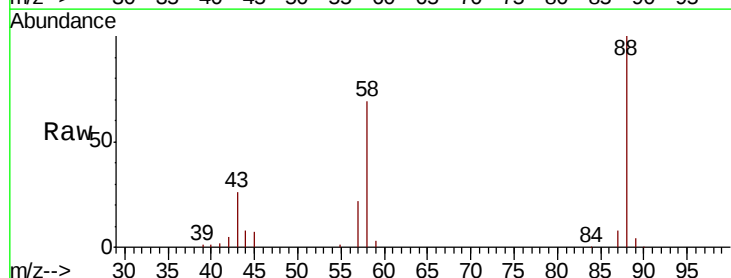
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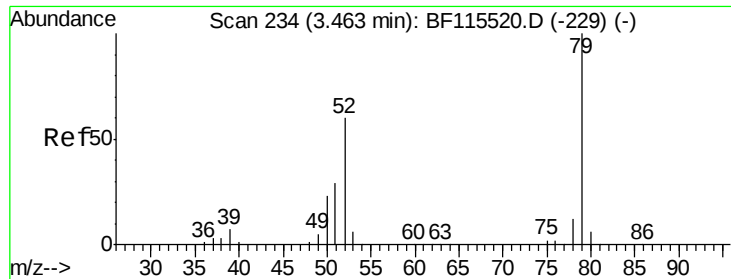


#2

1,4-Dioxane
Concen: 27.607 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.2	81.4
43	26.7	20.8	31.2





#3

Pvridine

Concen: 6.972 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

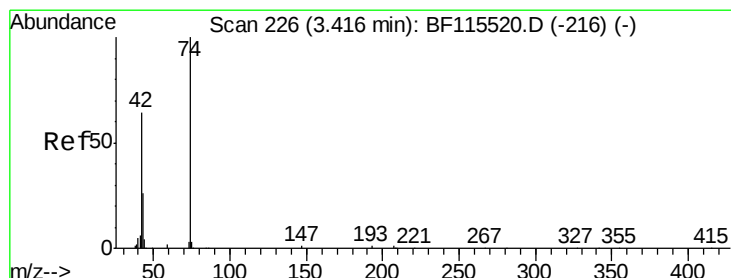
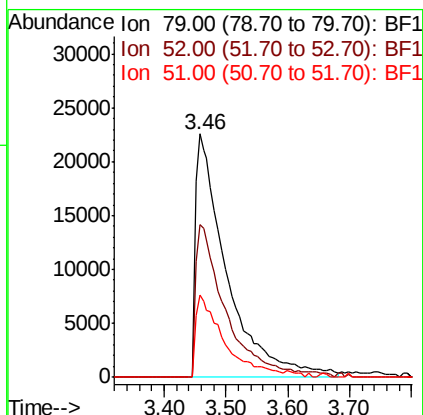
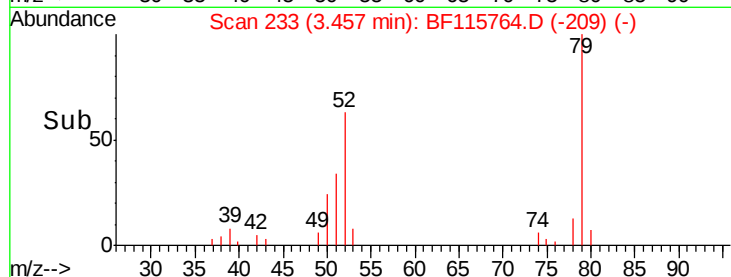
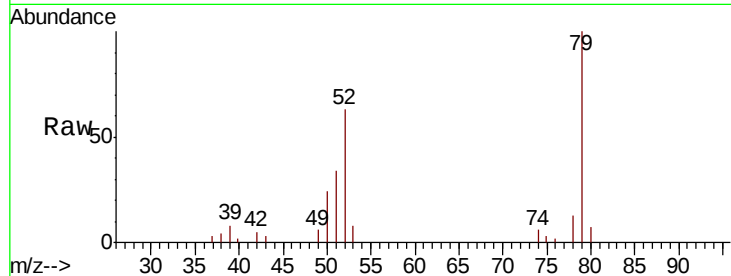
ClientSampleId :

TP-1-BMSD

Tot Ion:	79	Resp:	78871
Ion	Ratio	Lower	Upper
79	100		
52	62.7	48.4	72.6
51	33.6	24.8	37.2

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#4

n-Nitrosodimethylamine

Concen: 33.612 ng

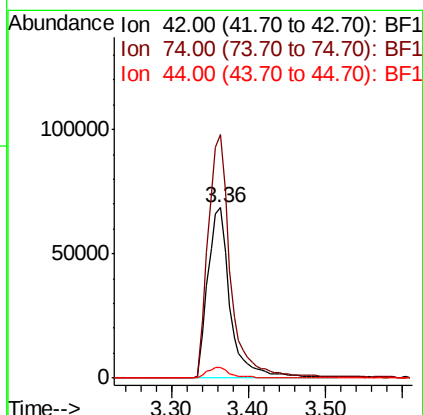
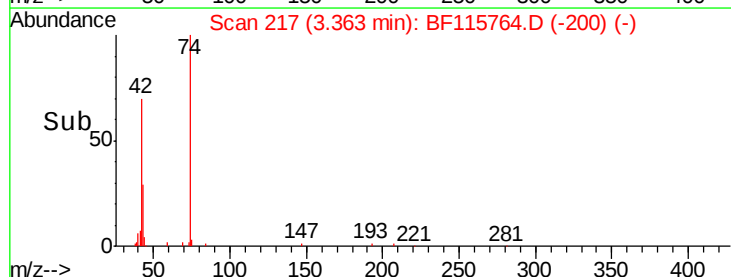
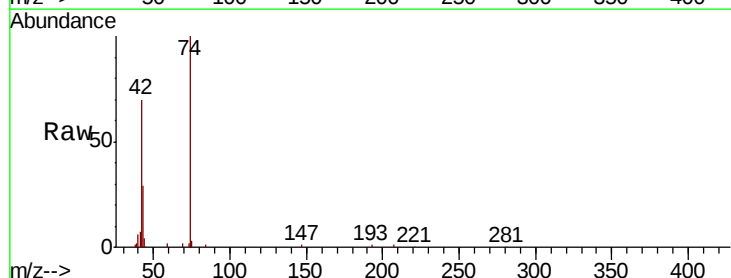
RT: 3.36 min Scan# 217

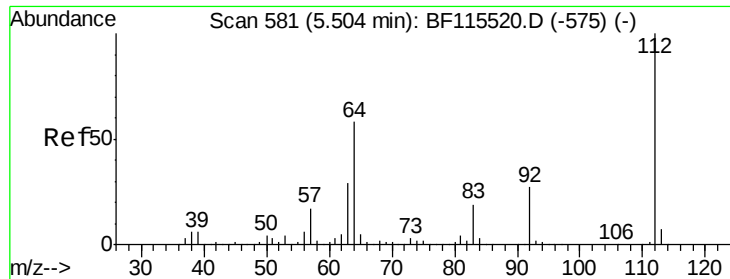
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	42	Resp:	137945
Ion	Ratio	Lower	Upper
42	100		
74	143.0	113.4	170.0
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 94.110 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

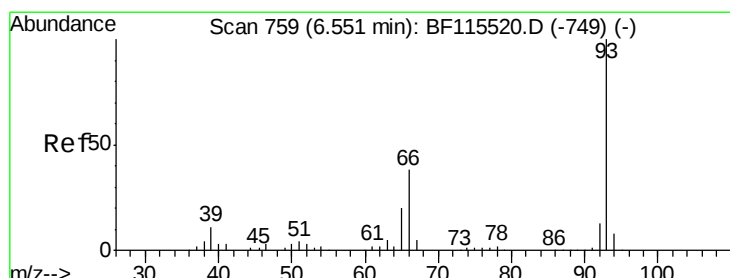
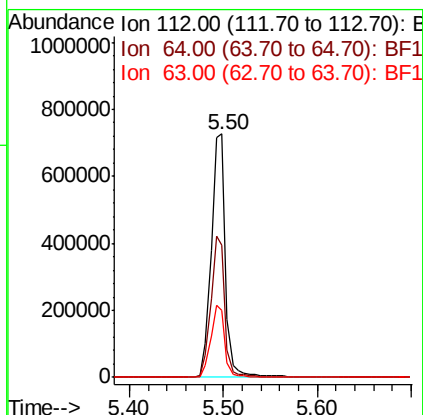
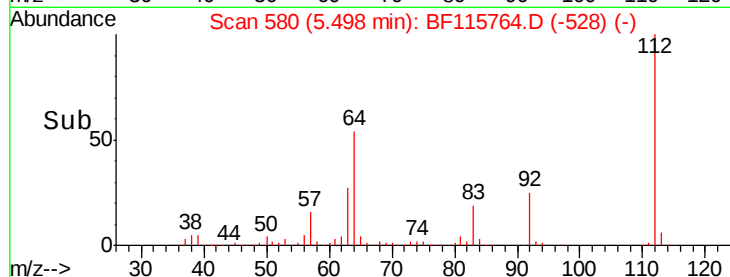
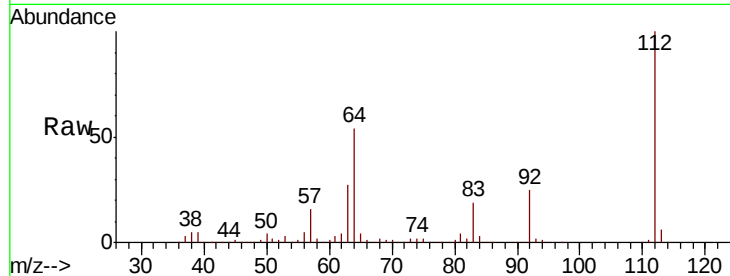
ClientSampled :

TP-1-BMSD

Tot Ion:	112	Resp:	786685
Ion Ratio	Lower	Upper	
112	100		
64	54.3	45.8	68.8
63	27.5	23.6	35.4

Manual Integrations
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#6

Aniline

Concen: 22.762 ng

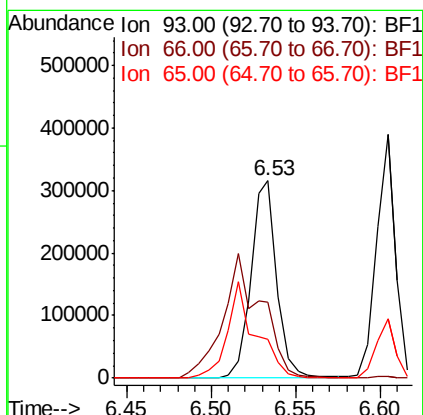
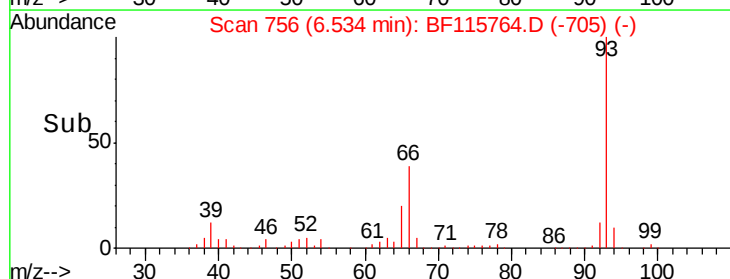
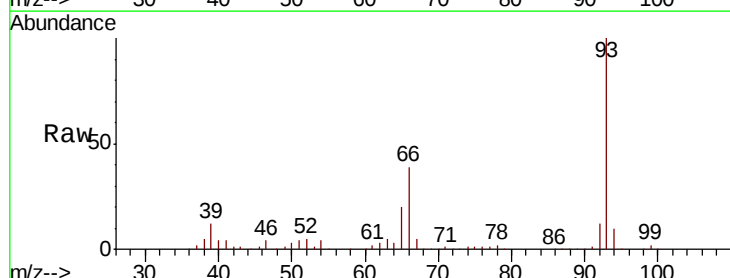
RT: 6.53 min Scan# 756

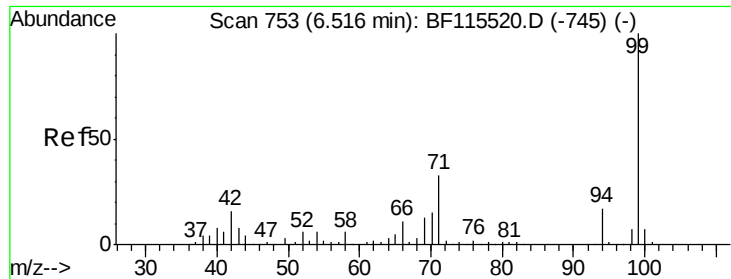
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	93	Resp:	335988
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.2	48.2
65	20.0	16.5	24.7





#7

Phenol-d6

Concen: 97.879 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

Tot Ion: 99 Resp: 1038192

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

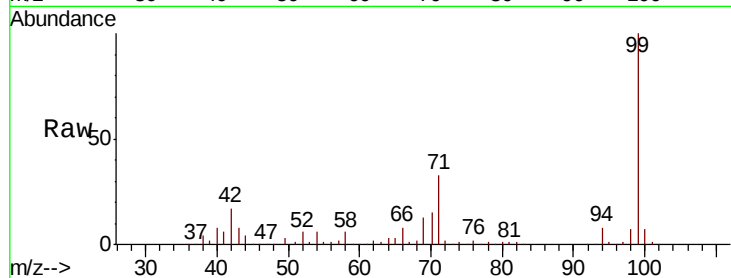
71 33.2 26.7 40.1

Manual Integrations

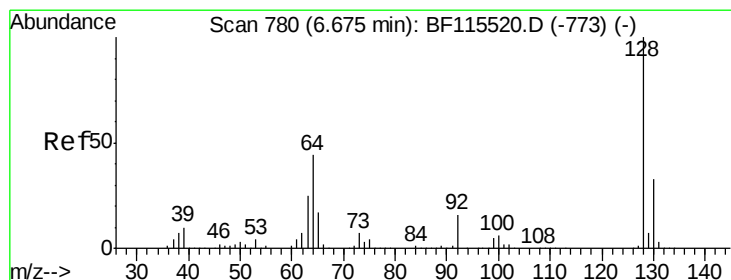
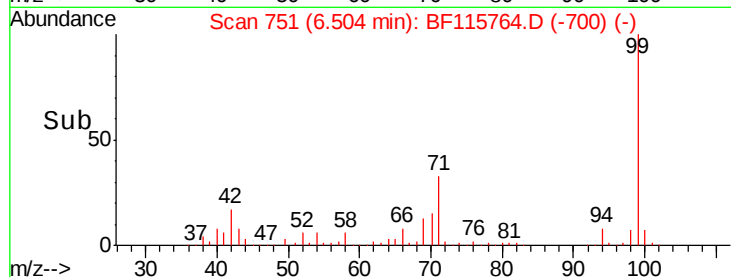
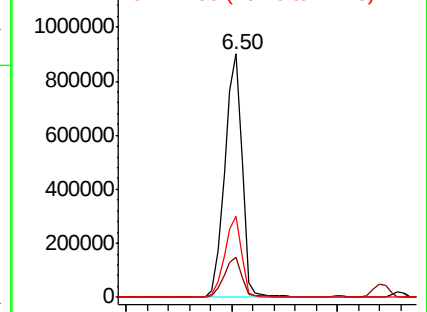
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.004 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

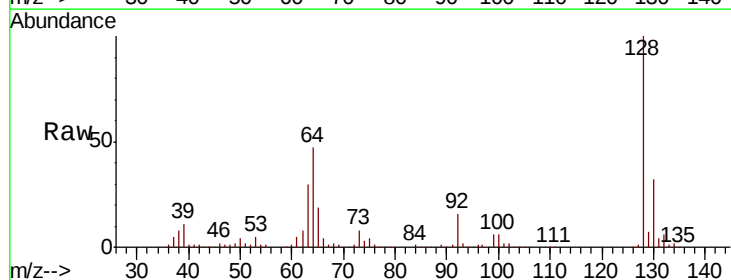
Tgt Ion: 128 Resp: 317193

Ion Ratio Lower Upper

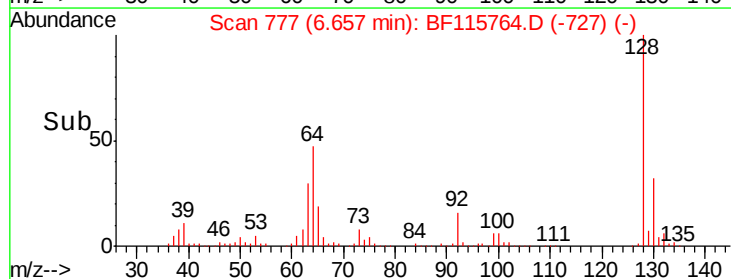
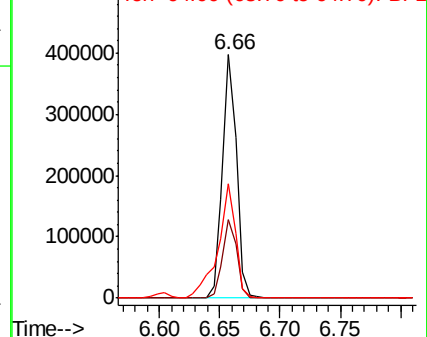
128 100

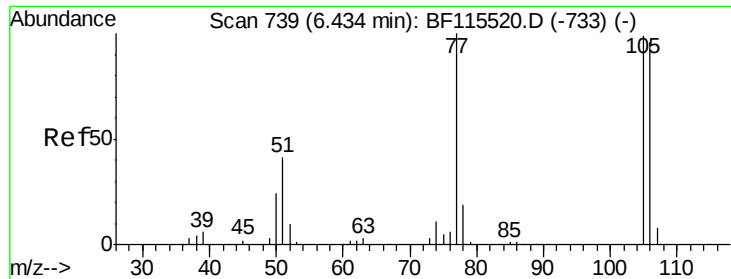
130 32.3 13.8 53.8

64 46.8 22.4 62.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





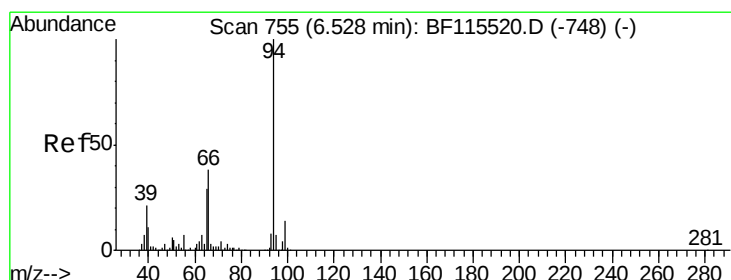
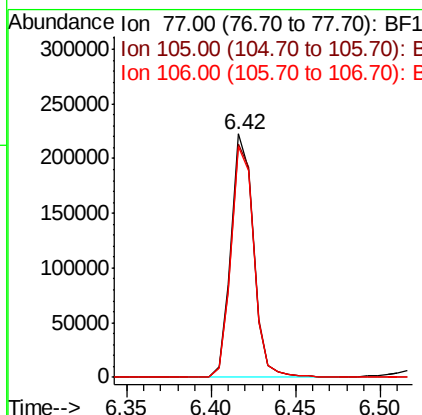
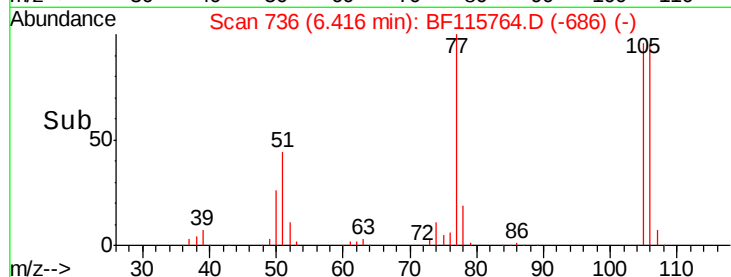
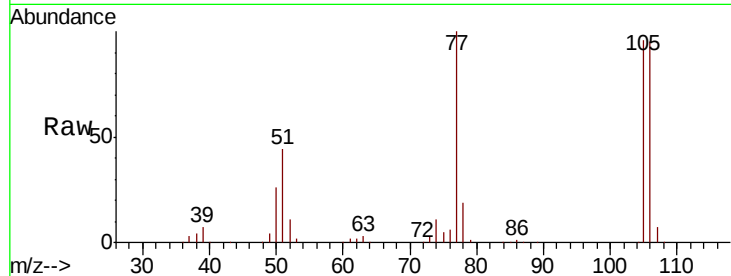
#9
Benzaldehyde
Concen: 30.979 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.9	77.5	117.5
106	94.8	74.7	114.7

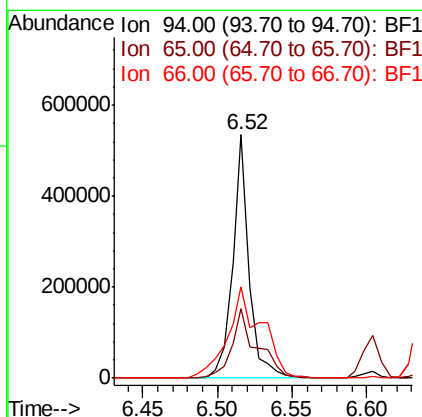
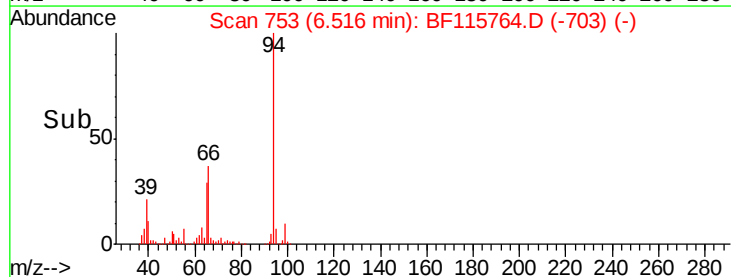
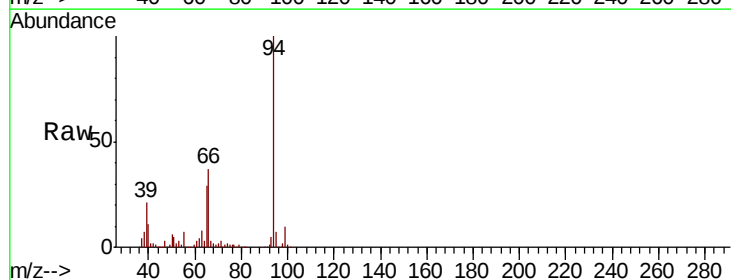
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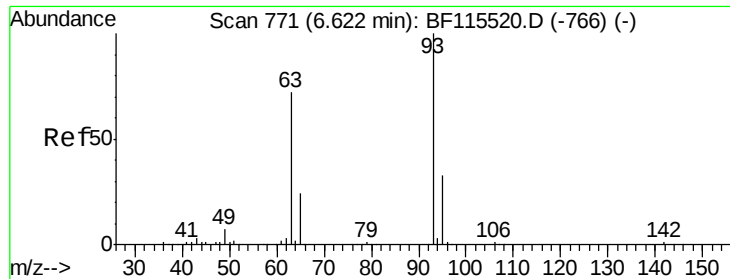
mohammad
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#10
Phenol
Concen: 33.995 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.2	51.2
66	37.3	24.4	64.4





#11

bis(2-Chloroethyl)ether

Concen: 32.086 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

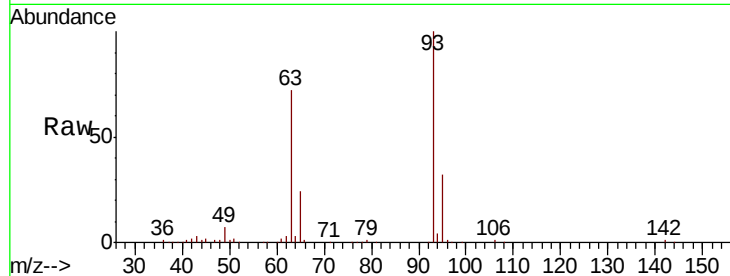
ClientSampleId :

TP-1-BMSD

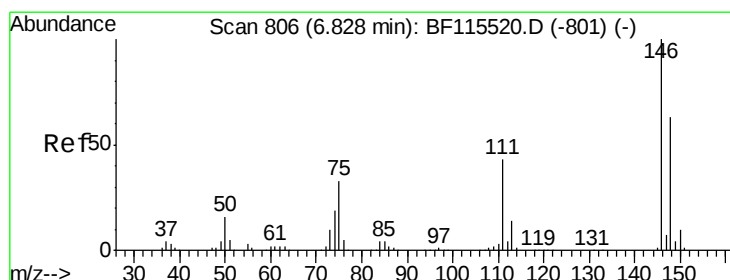
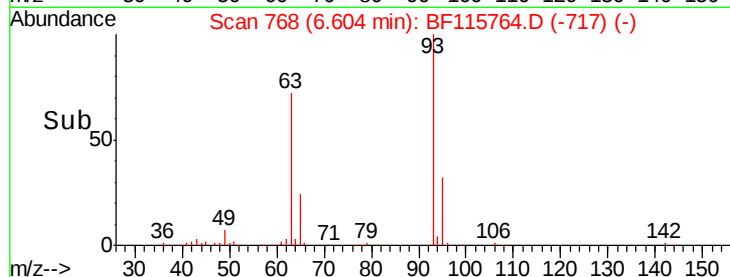
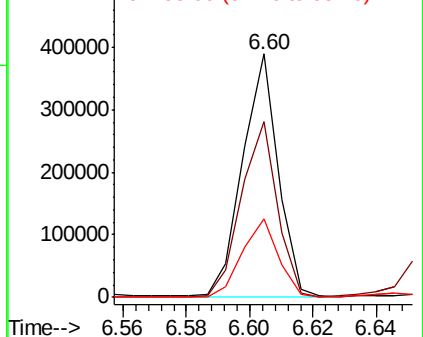
Tot Ion:	93	Resp:	300795
Ion	Ratio	Lower	Upper
93	100		
63	72.0	56.2	96.2
95	32.3	12.1	52.1

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.639 ng

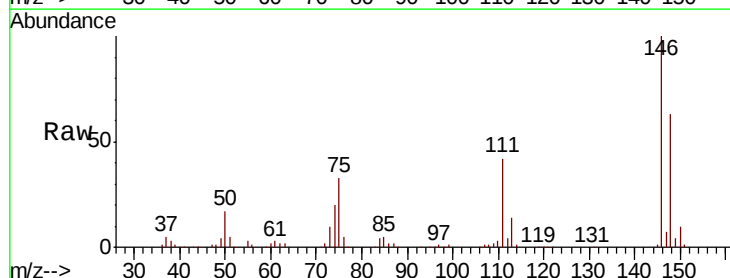
RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

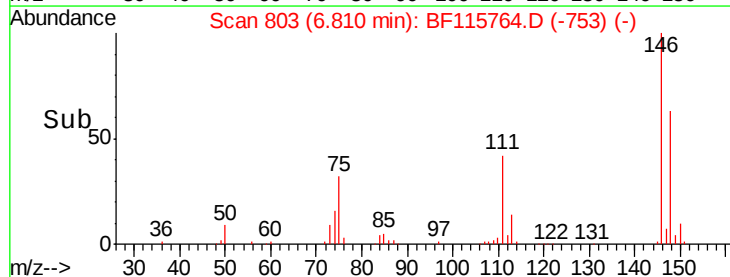
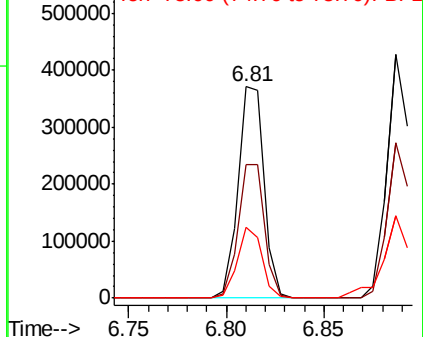
Lab File: BF115764.D

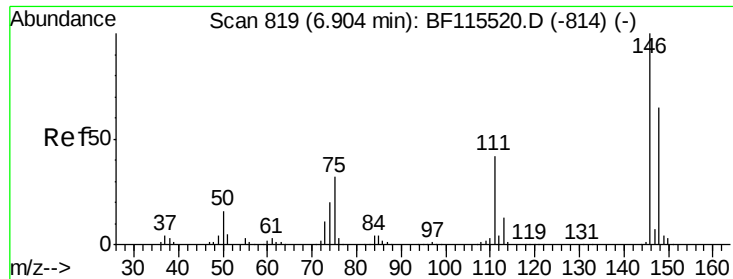
Acq: 25 Jul 2019 18:13

Tgt Ion:	146	Resp:	341878
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
75	33.2	25.3	37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





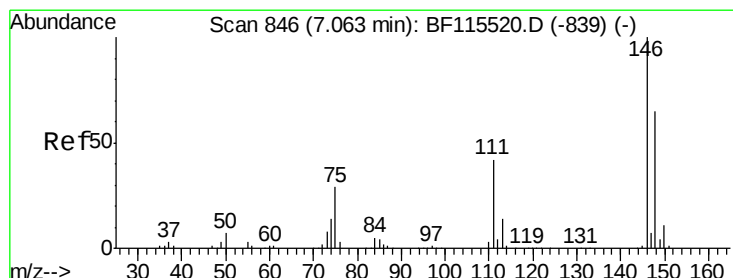
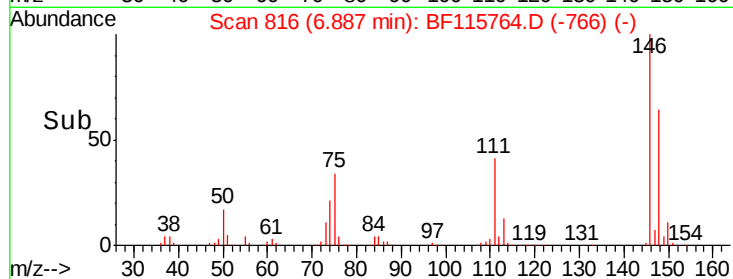
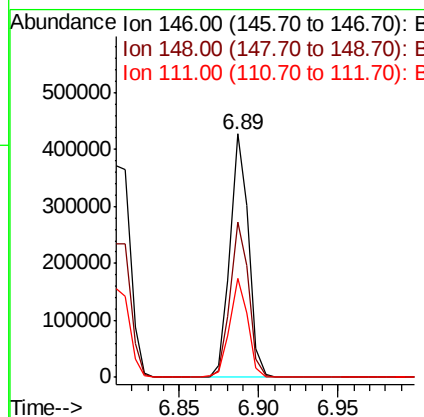
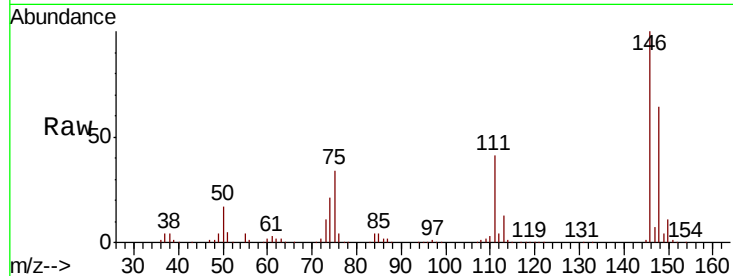
#13
 1,4-Dichlorobenzene
 Concen: 32.084 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	40.7	32.2	48.4

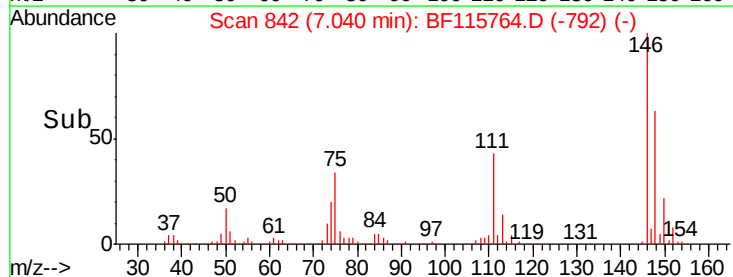
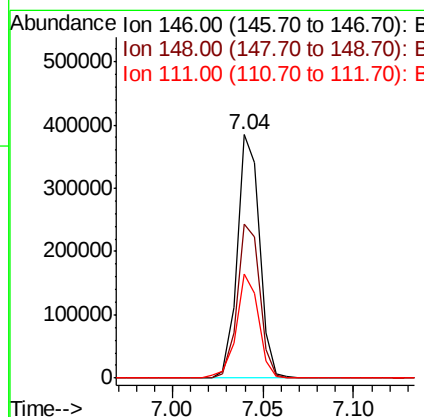
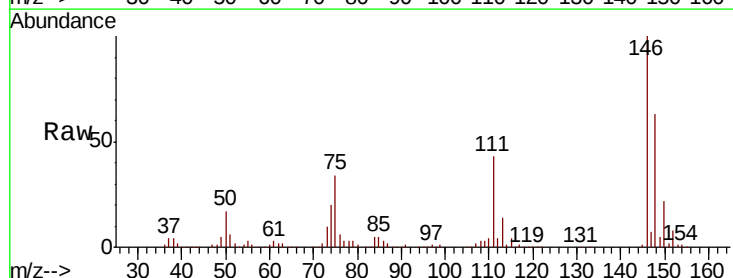
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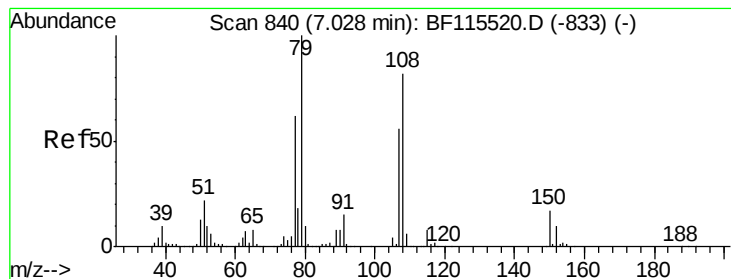
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#14
 1,2-Dichlorobenzene
 Concen: 33.235 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
111	42.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 32.827 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

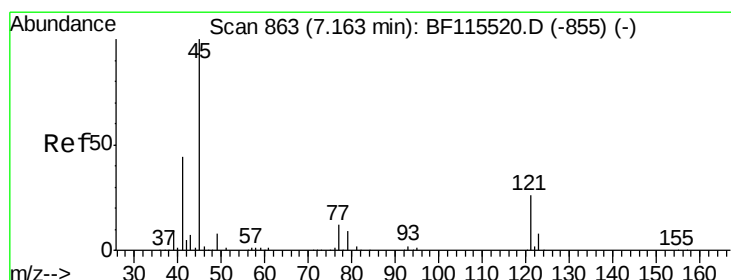
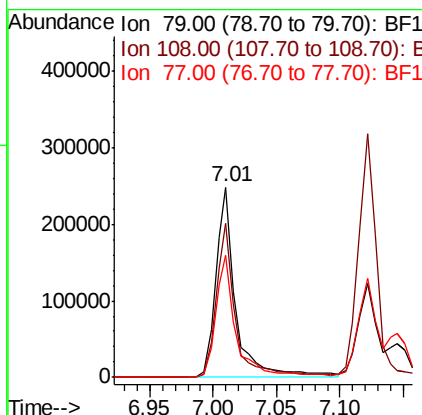
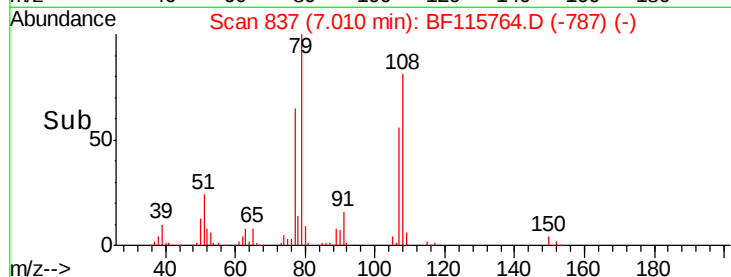
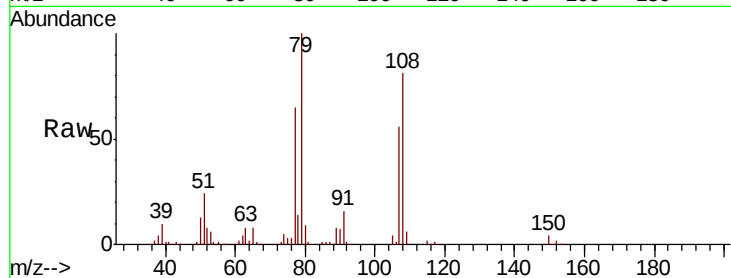
ClientSampleId :

TP-1-BMSD

Tot Ion:	79	Resp:	276218
Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.4	98.2
77	64.5	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.296 ng

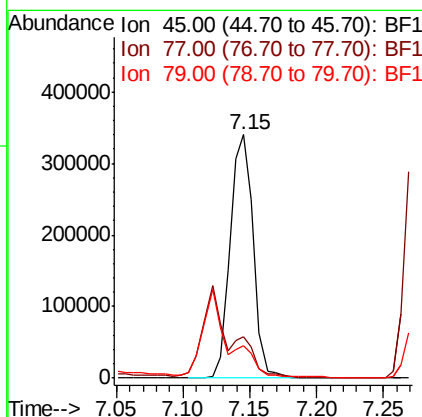
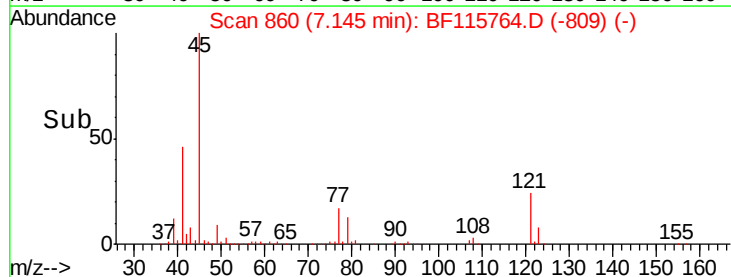
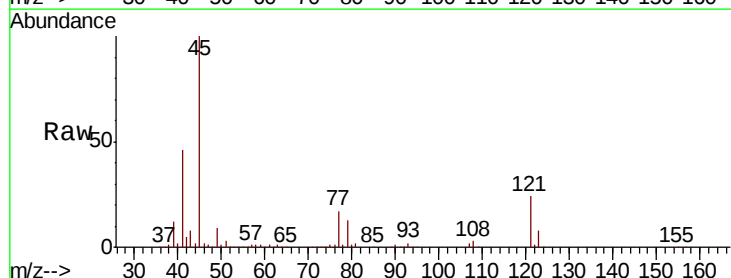
RT: 7.15 min Scan# 860

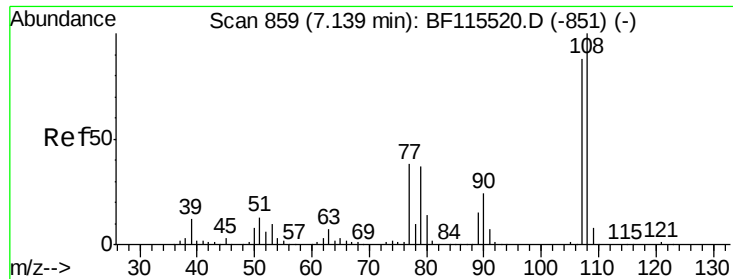
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	45	Resp:	410939
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.8
79	13.1	0.0	33.1





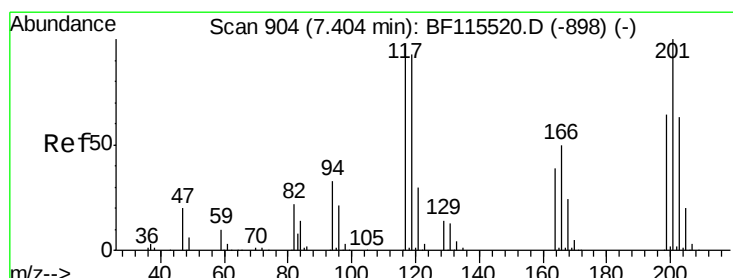
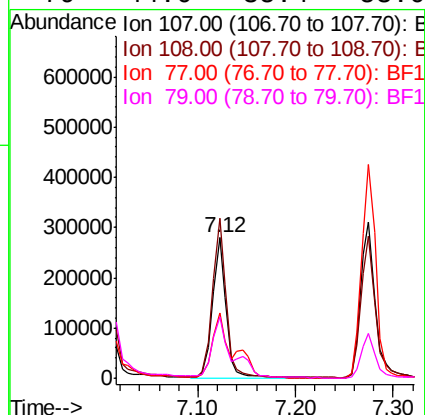
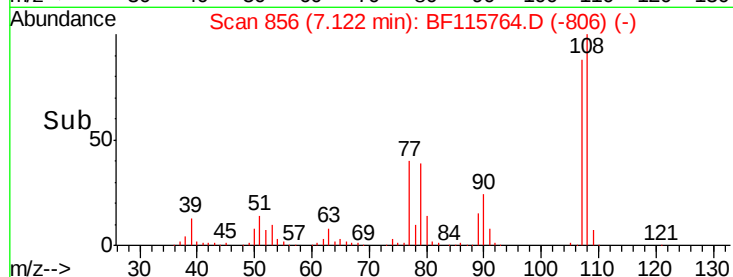
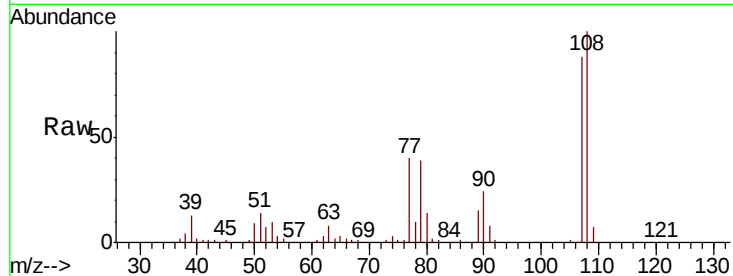
#17
2-Methylphenol
Concen: 32.746 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.3	136.9	
77	46.0	36.9	55.3	
79	44.0	35.4	53.0	

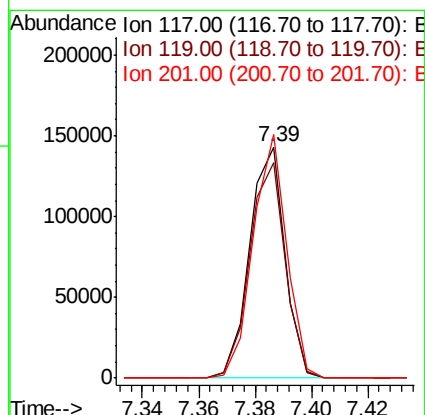
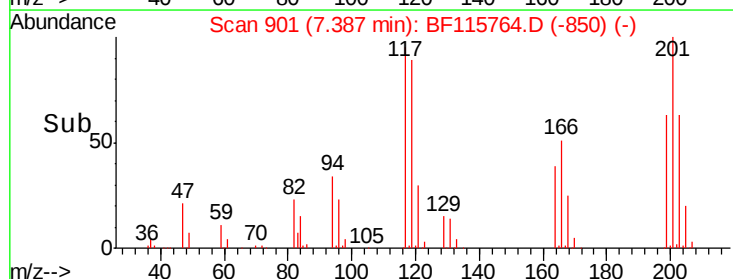
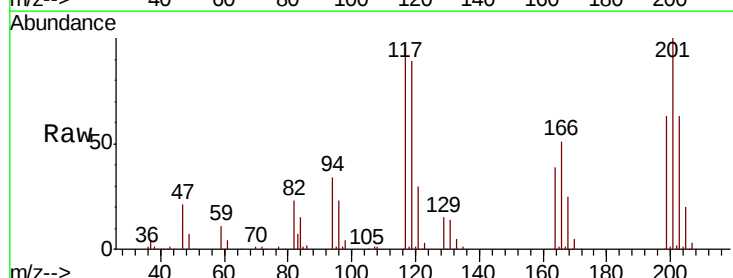
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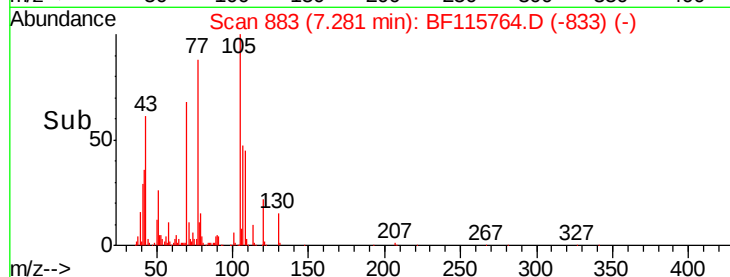
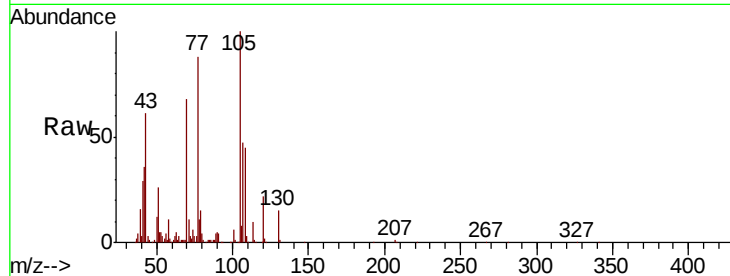
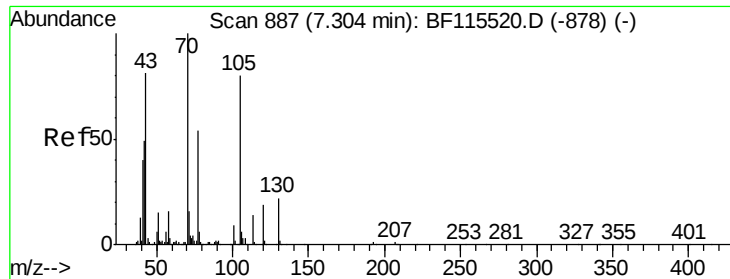
mohammad
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#18
Hexachloroethane
Concen: 30.853 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	74.8	112.2	
201	105.3	77.6	116.4	





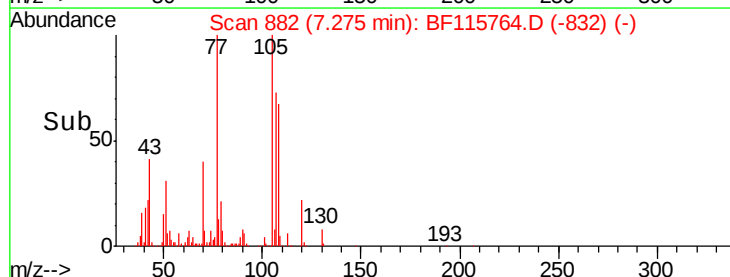
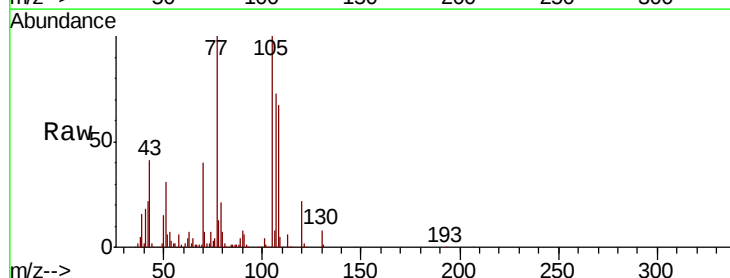
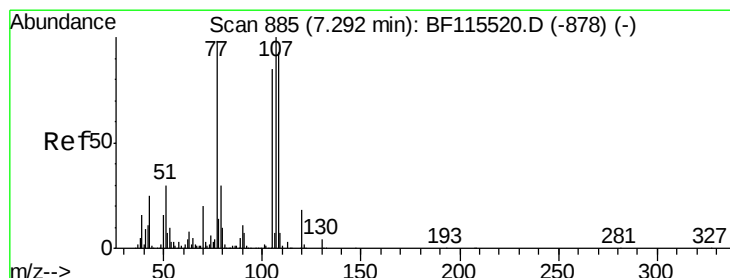
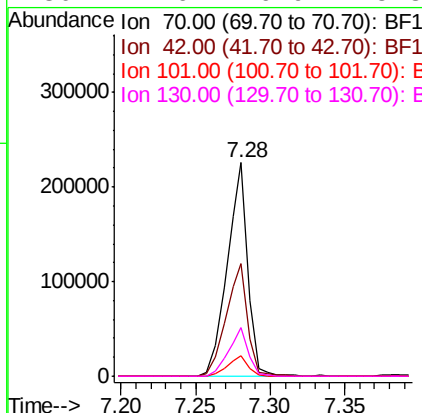
#19
n-Nitroso-di-n-propylamine
Concen: 31.852 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.8	62.8
101	9.4	7.6	11.4
130	22.6	16.9	25.3

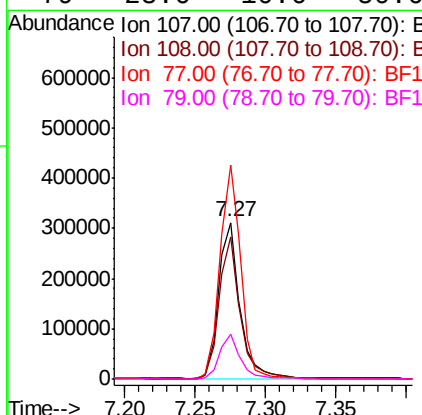
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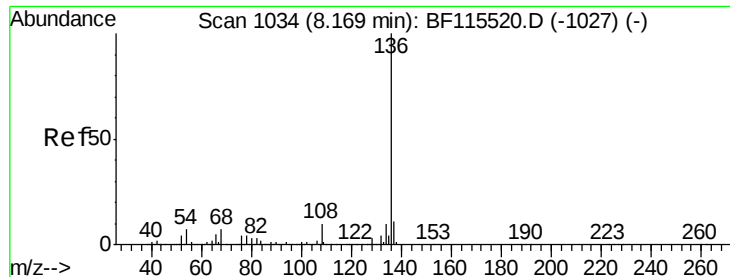
mohammad
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#20
3+4-Methylphenols
Concen: 33.090 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.0	113.0
77	136.5	107.5	147.5
79	28.6	10.6	50.6





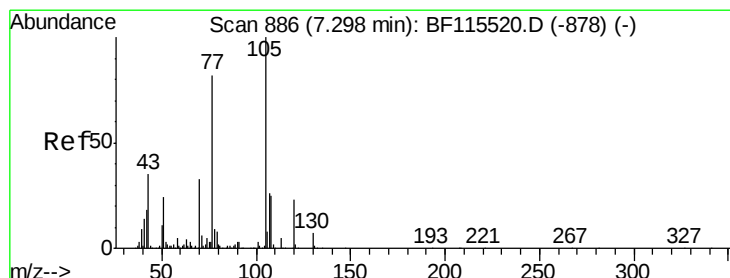
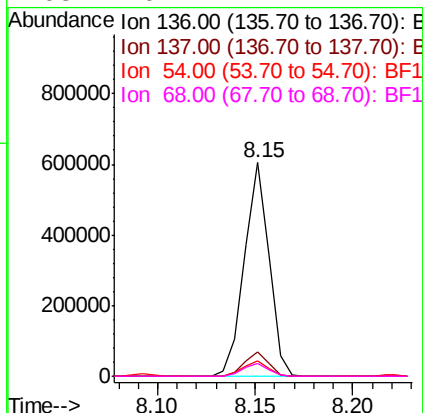
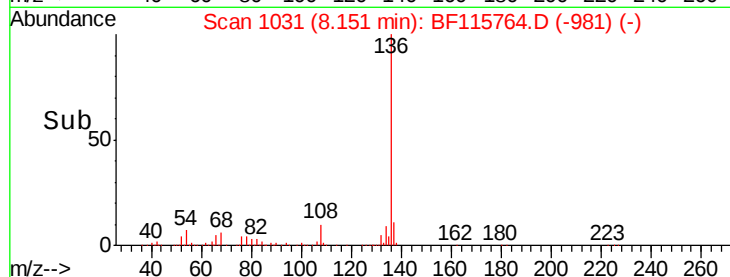
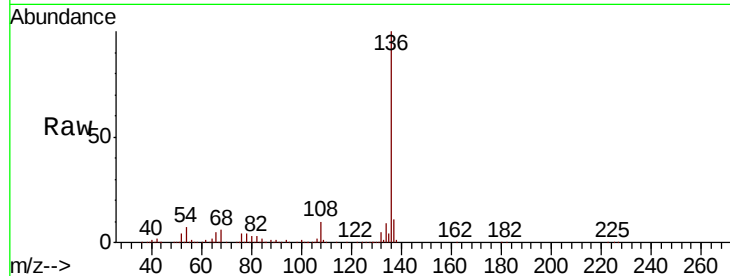
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		532035		
137	11.1	8.7	13.1		
54	6.9	5.0	7.6		
68	6.1	4.7	7.1		

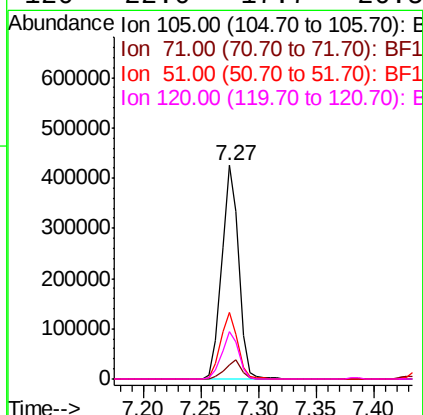
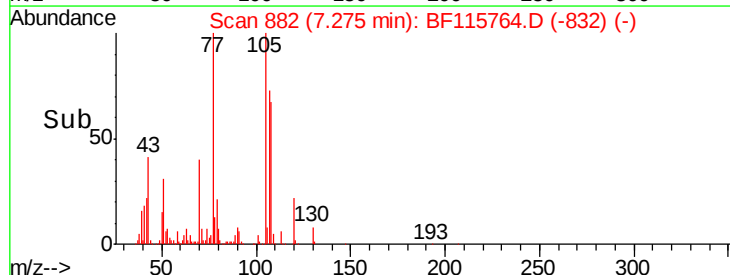
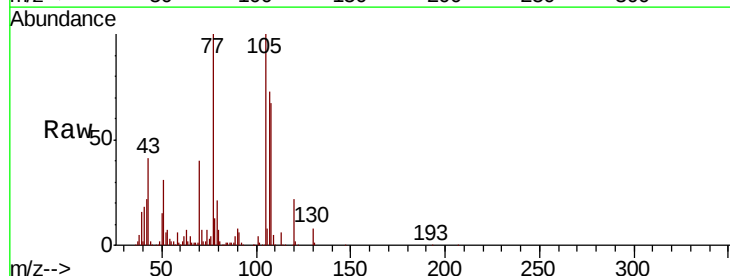
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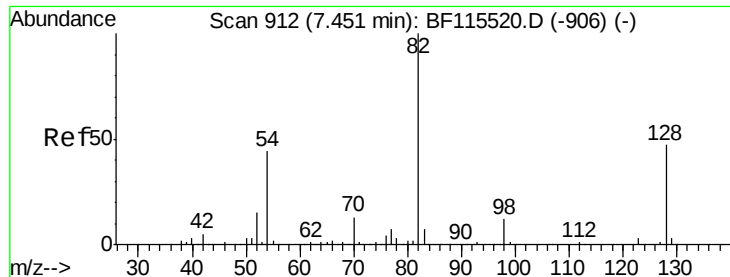
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#22
Acetophenone
Concen: 35.906 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		431571		
71	6.7	4.7	7.1		
51	31.4	25.6	38.4		
120	22.0	17.7	26.5		





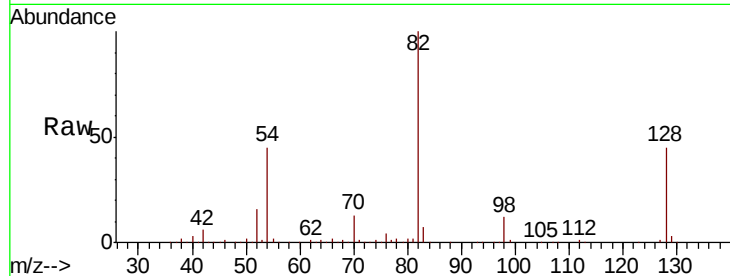
#23
 Nitrobenzene-d5
 Concen: 70.701 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

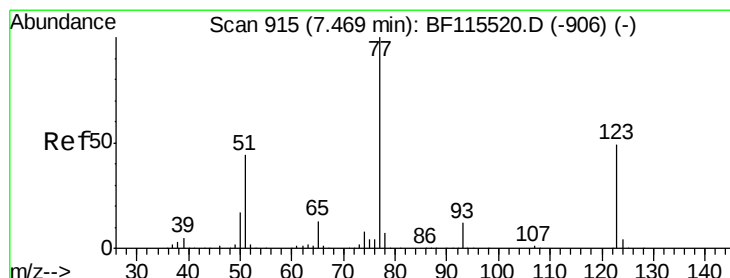
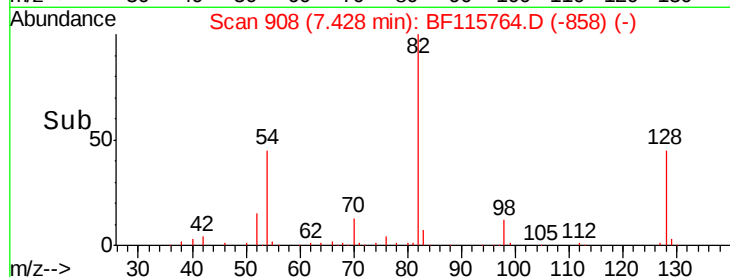
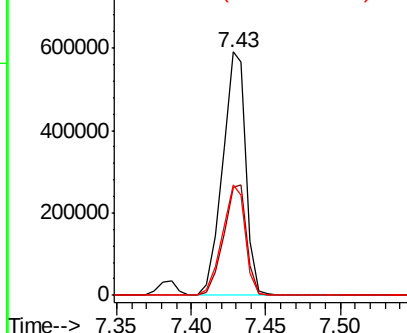
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	45.3	36.6	54.8

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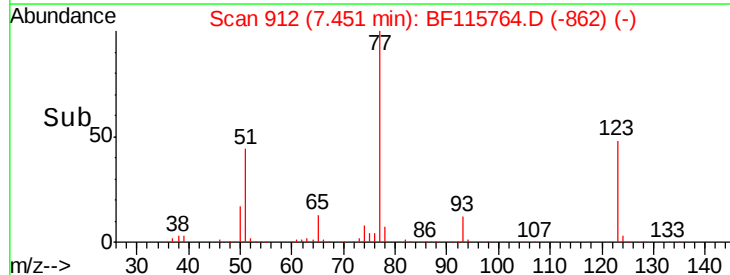
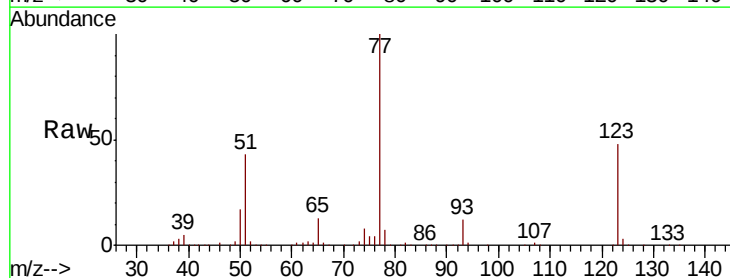
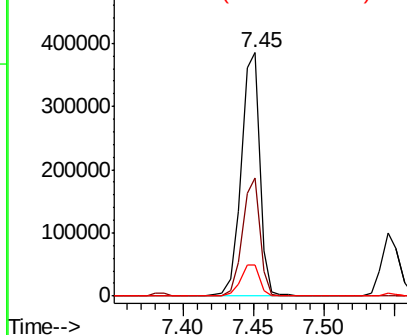
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

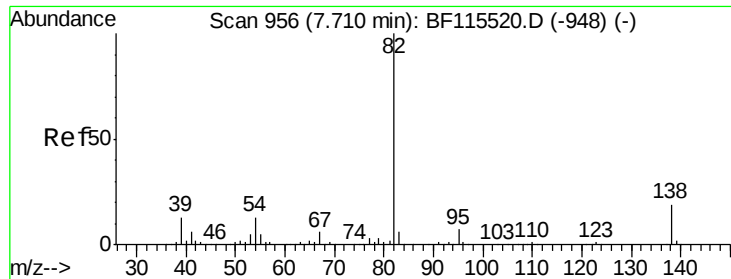


#24
 Nitrobenzene
 Concen: 35.697 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	39.9	59.9
65	12.8	10.5	15.7

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.576 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

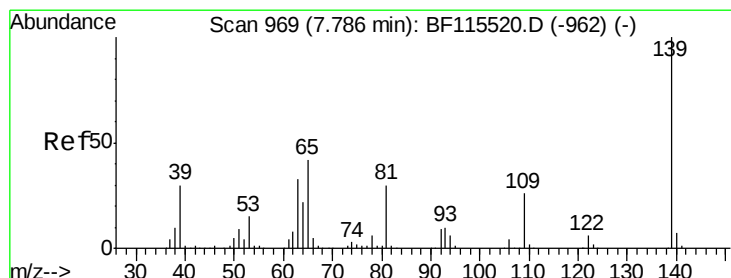
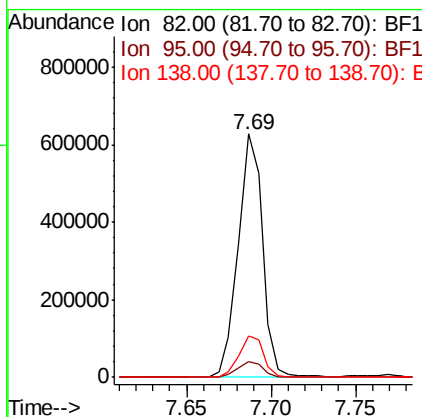
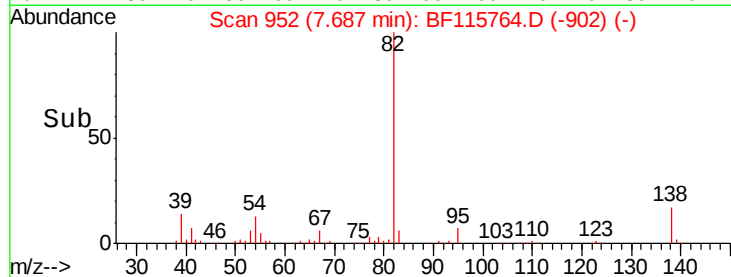
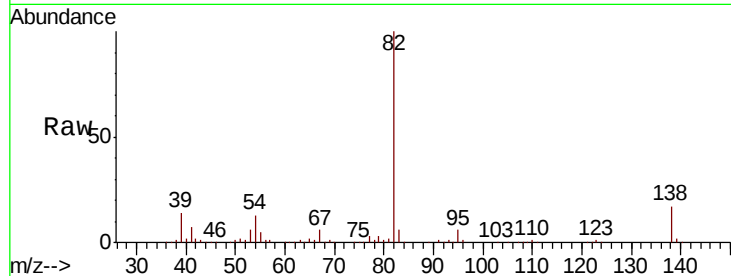
ClientSampleId :

TP-1-BMSD

Tot Ion:	82	Resp:	633057
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	17.0	14.2	21.4

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#26

2-Nitrophenol

Concen: 33.596 ng

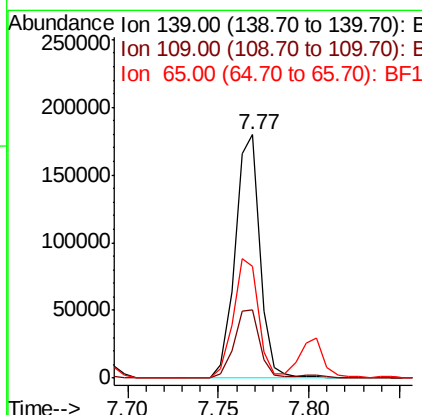
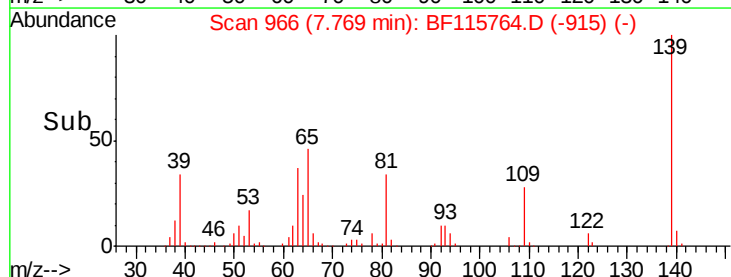
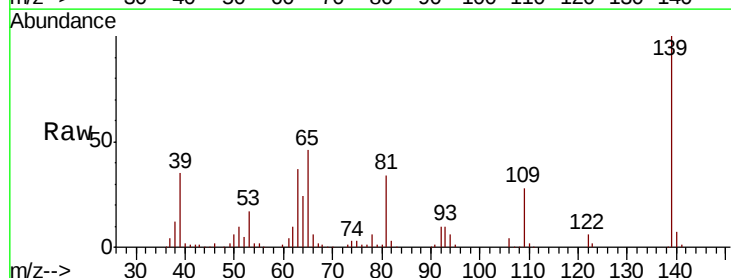
RT: 7.77 min Scan# 966

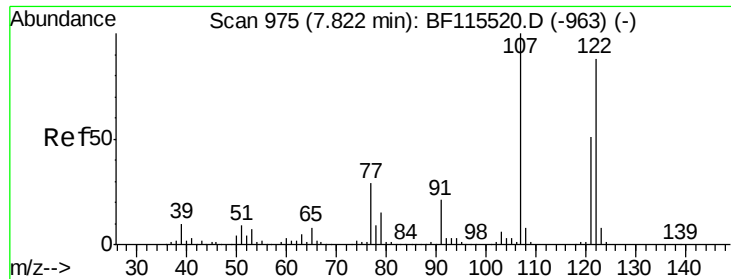
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	139	Resp:	170656
Ion Ratio		Lower	Upper
139	100		
109	28.0	23.2	34.8
65	45.8	40.5	60.7





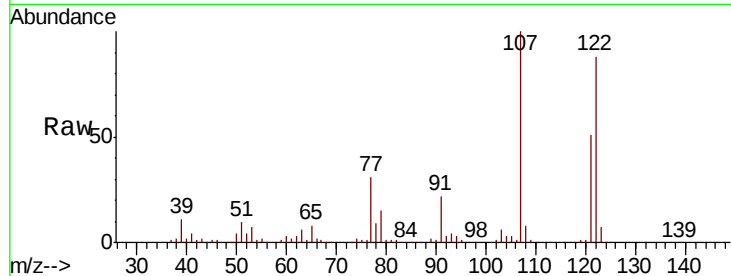
#27
2,4-Dimethylphenol
Concen: 37.501 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285026		
107	113.3	92.6	138.8	
121	57.9	46.2	69.4	

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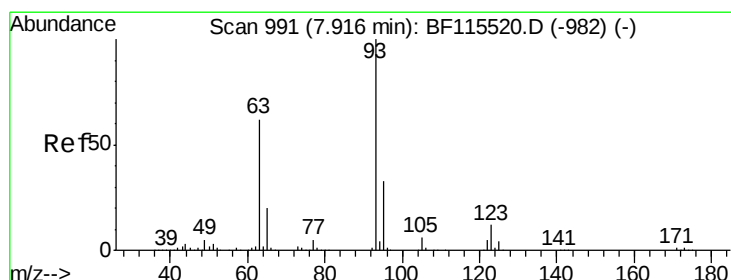
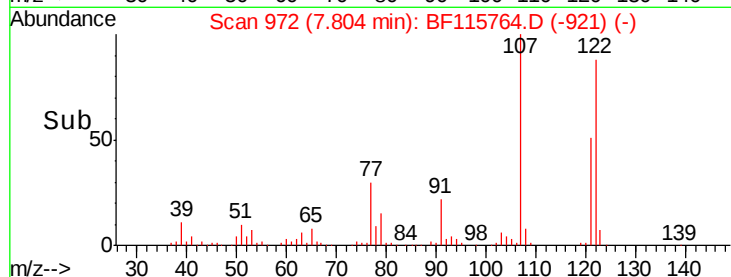
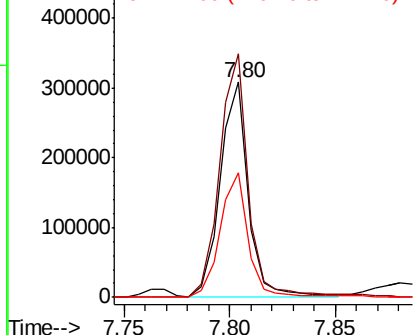


Abundance

Ion 122.00 (121.70 to 122.70): E

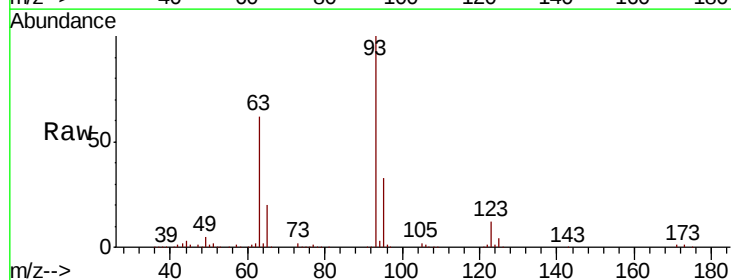
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 35.105 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	394308		
95	33.3	26.2	39.4	
123	12.1	9.3	13.9	

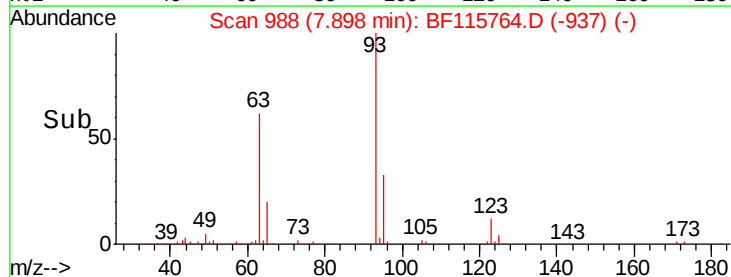
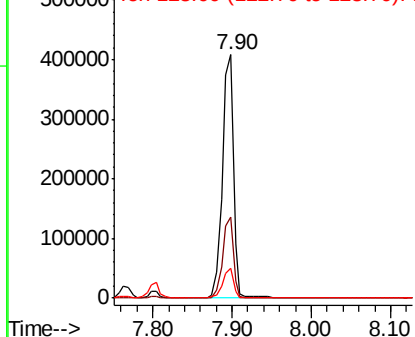


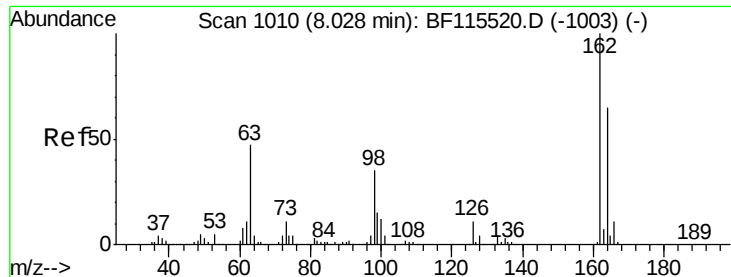
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





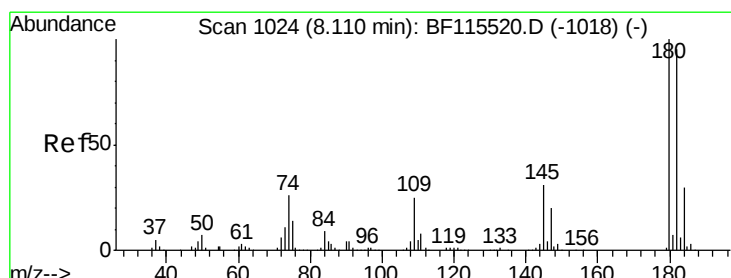
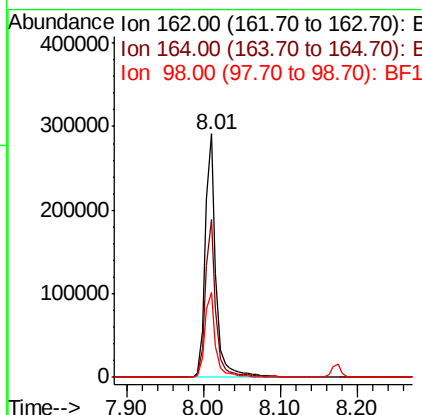
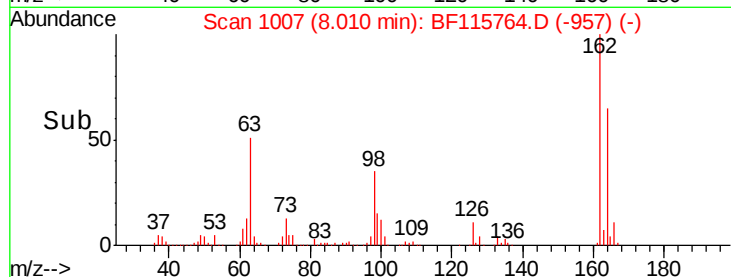
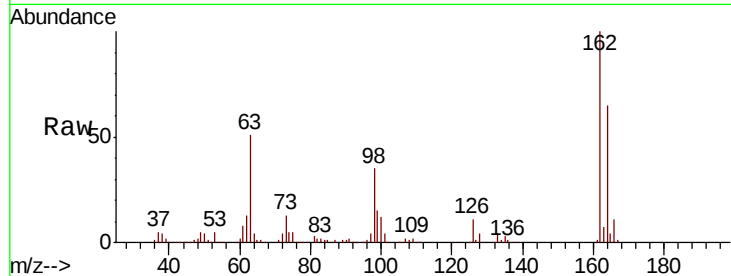
#29
2,4-Dichlorophenol
Concen: 35.562 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	281101		
164	64.9	44.1	84.1	
98	34.6	12.9	52.9	

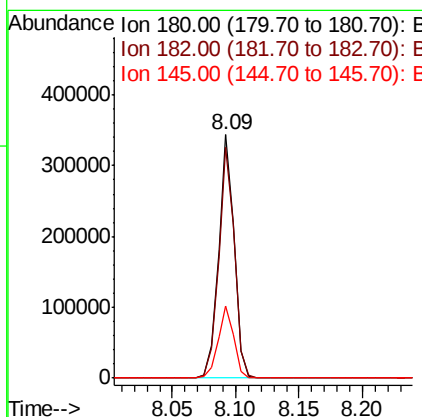
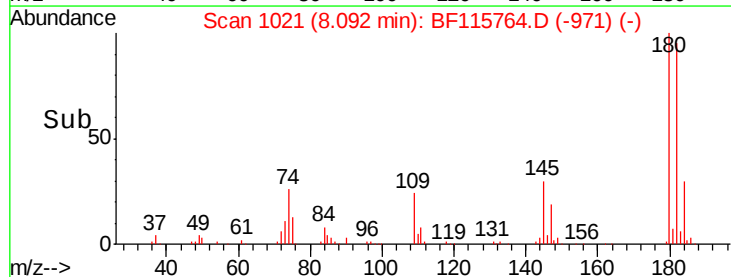
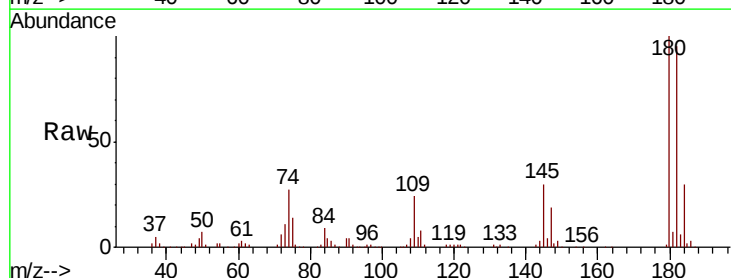
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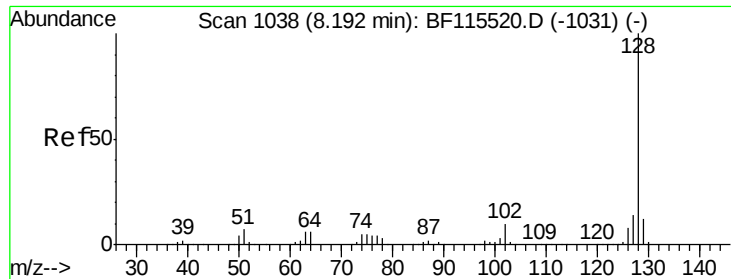
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 33.301 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297541		
182	94.7	76.7	115.1	
145	29.5	23.6	35.4	





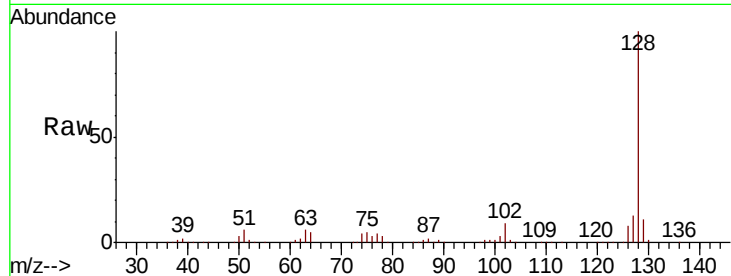
#31
Naphthalene
Concen: 36.156 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampled :
TP-1-BMSD

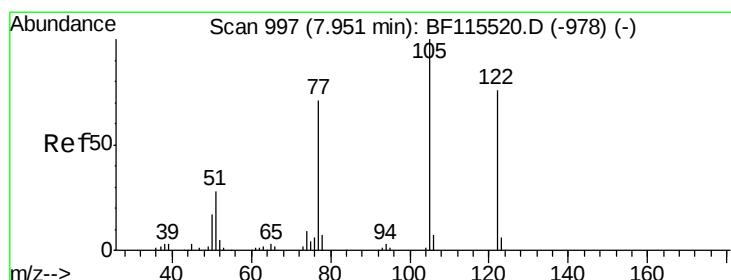
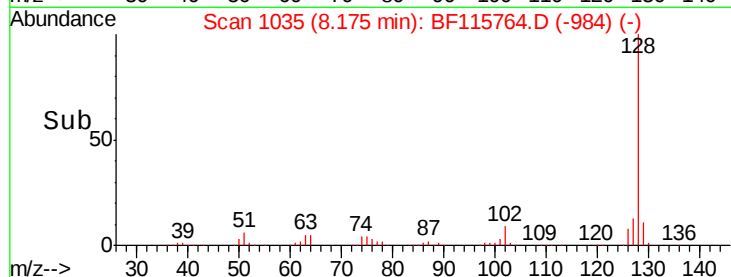
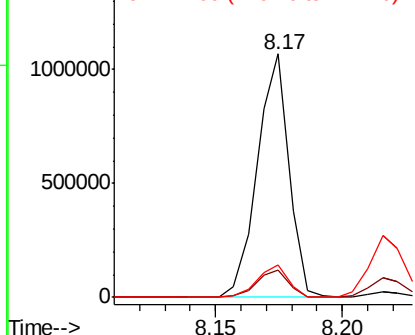
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.4	10.9	16.3

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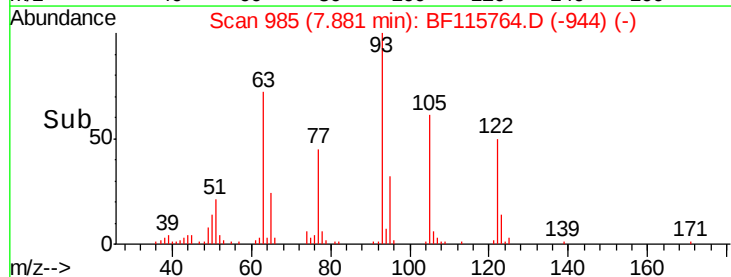
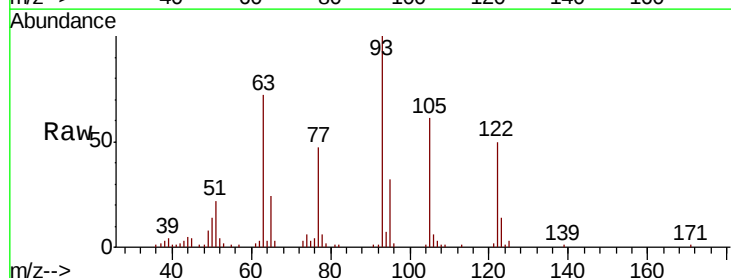
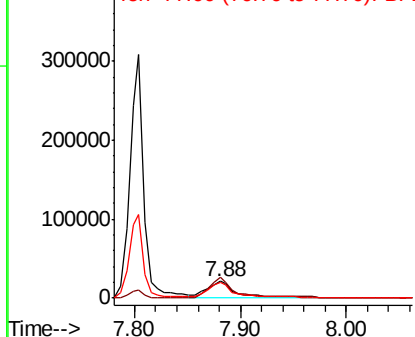
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

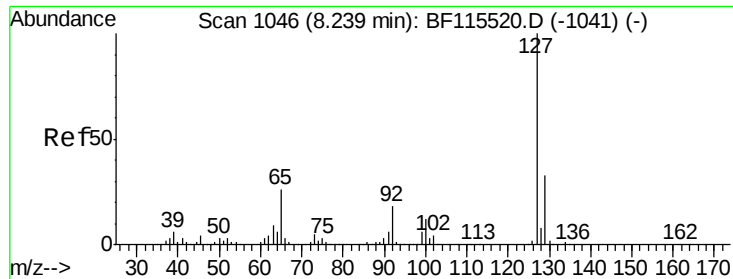


#32
Benzoic acid
Concen: 6.646 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	102.0	142.0
77	94.2	73.6	113.6

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





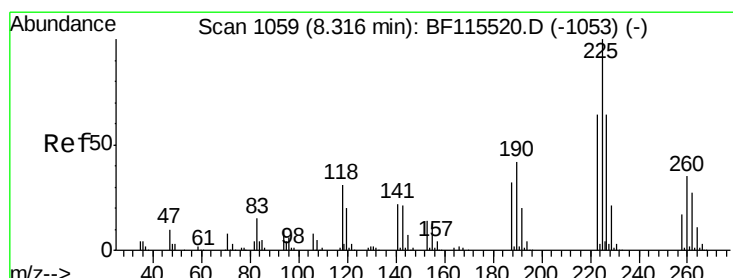
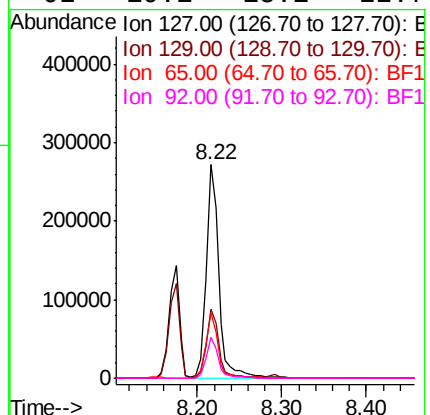
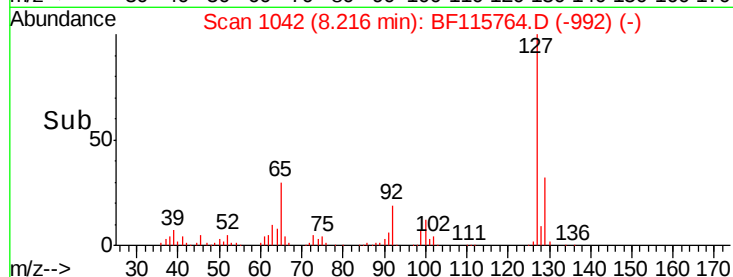
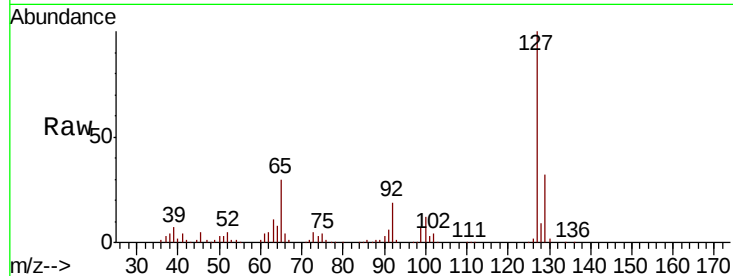
#33
4-Chloroaniline
Concen: 24.554 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		280239		
129	32.5	26.3	39.5		
65	30.4	23.8	35.8		
92	19.1	15.1	22.7		

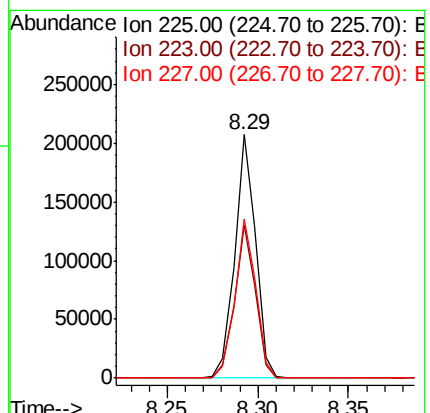
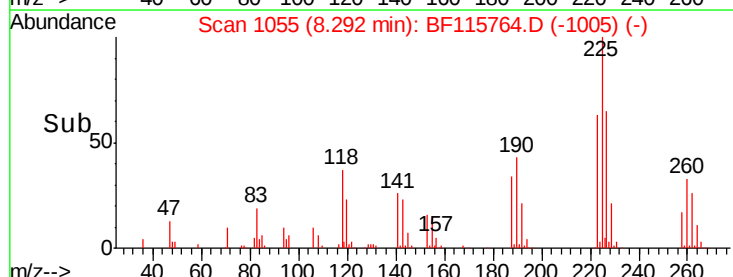
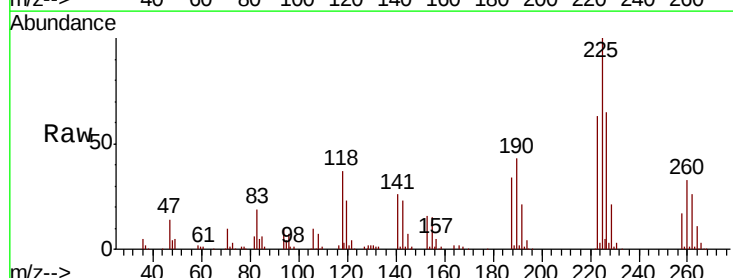
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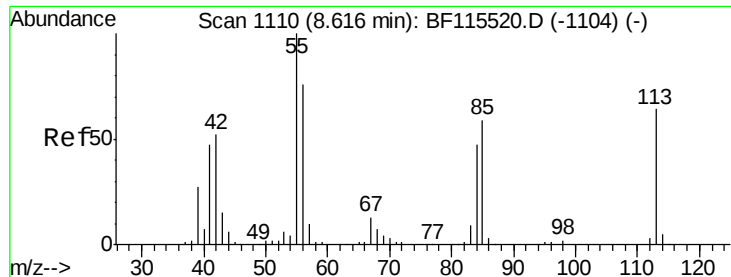
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#34
Hexachlorobutadiene
Concen: 32.501 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		166532		
223	62.7	51.0	76.6		
227	65.2	52.8	79.2		





#35

Caprolactam

Concen: 35.112 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampled :

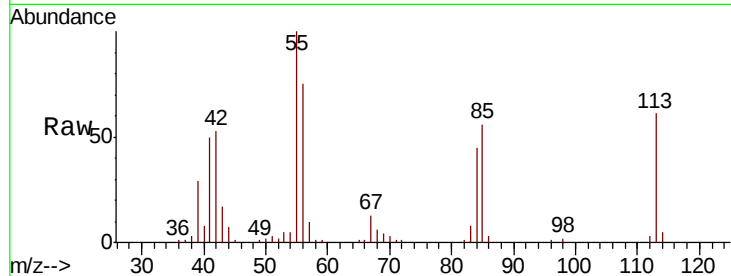
TP-1-BMSD

Tot Ion: 113 Resp: 85763

Ion	Ratio	Lower	Upper
113	100		
55	163.4	130.5	170.5
56	122.3	93.1	133.1

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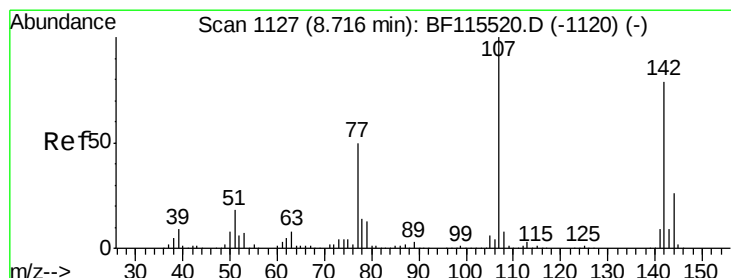
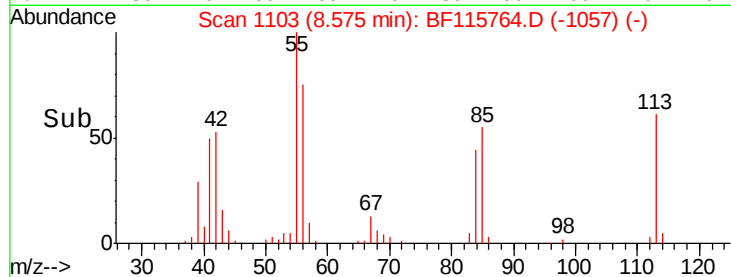
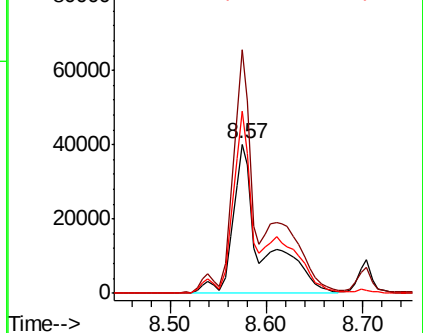
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.697 ng/mL

RT: 8.70 min Scan# 1125

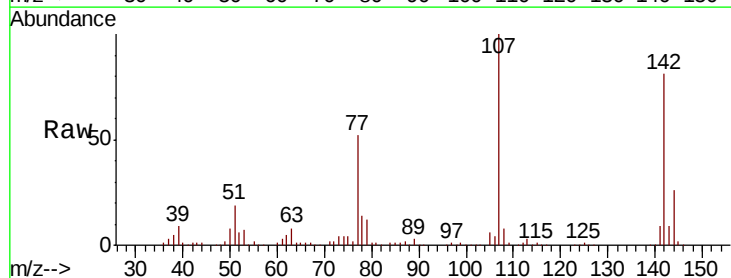
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion: 107 Resp: 300890

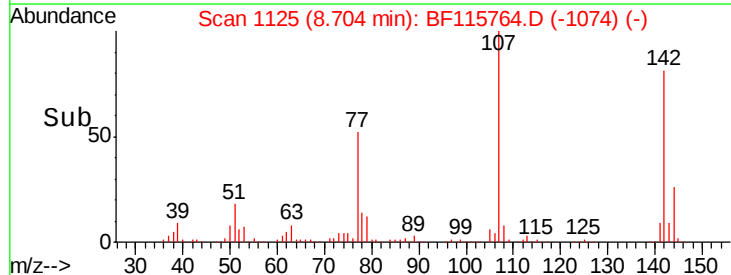
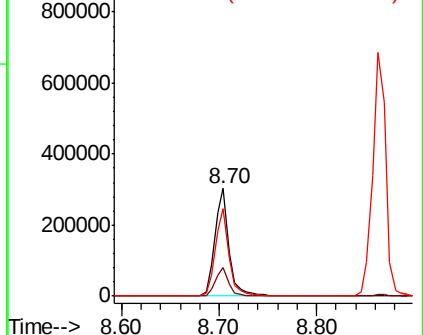
Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.1	30.1
142	81.2	62.3	93.5

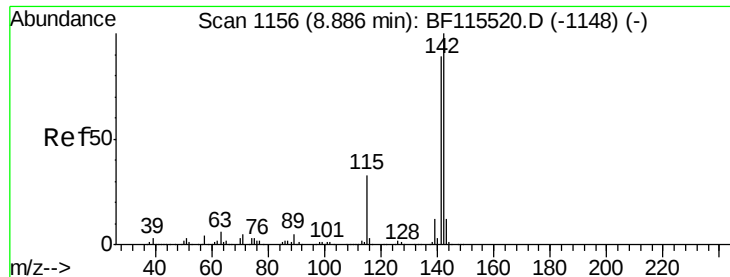


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





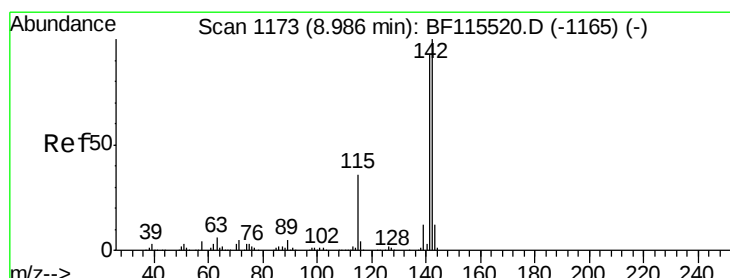
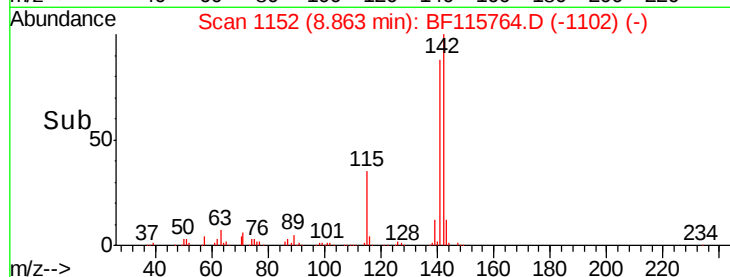
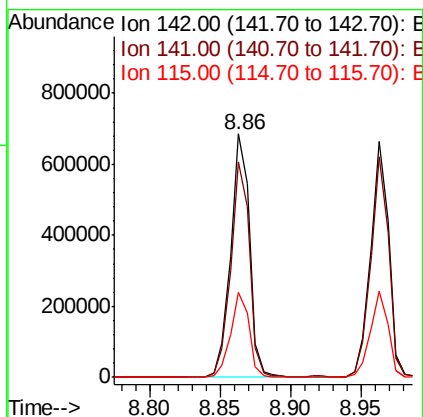
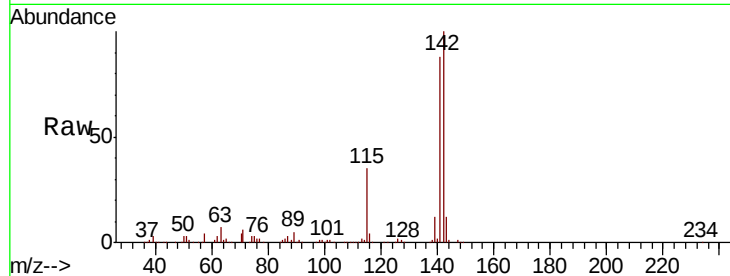
#37
2-Methylnaphthalene
Concen: 37.346 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4
115	34.8	27.7	41.5

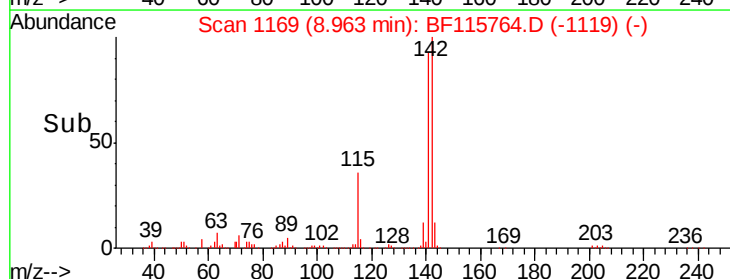
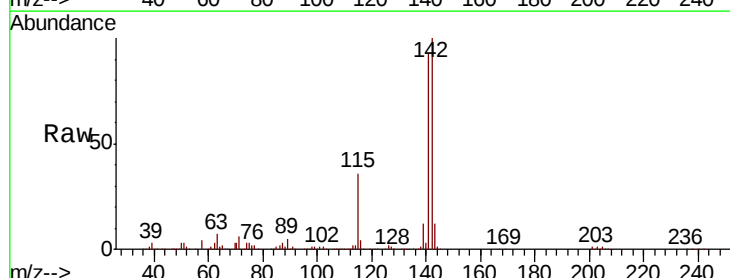
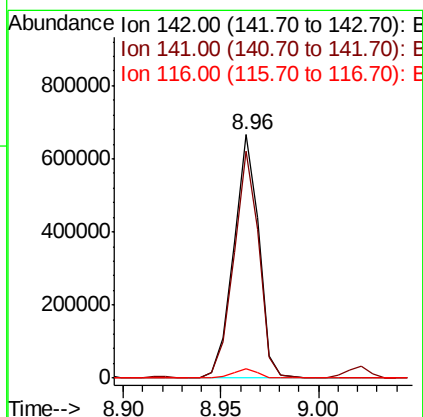
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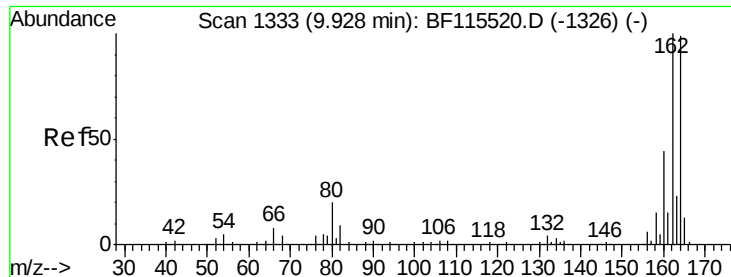
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#38
1-Methylnaphthalene
Concen: 36.486 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

Tot Ion:164 Resp: 297433

Ion Ratio Lower Upper

164 100

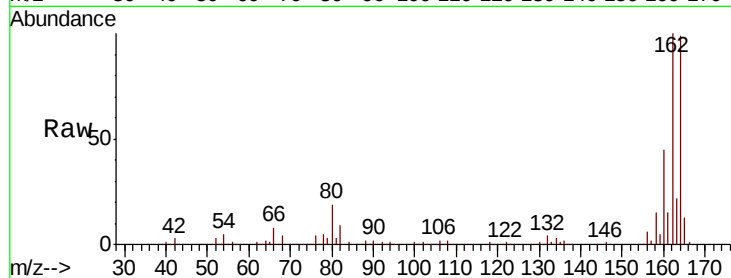
162 101.1 81.8 122.6

160 45.8 37.5 56.3

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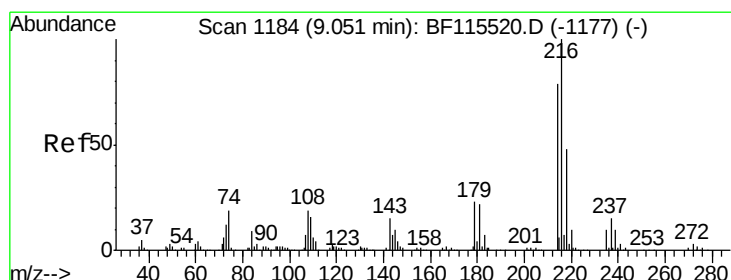
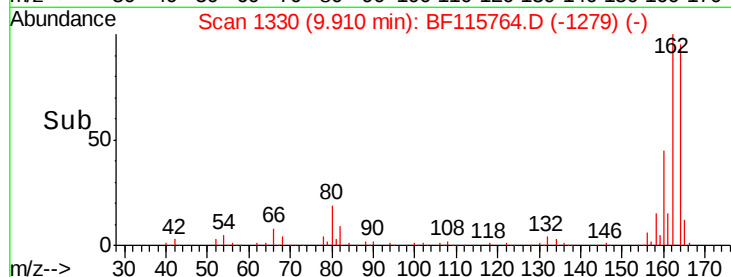
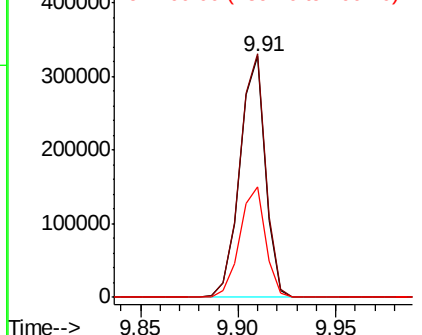


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.140 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:216 Resp: 287872

Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 21.7 17.4 26.2

108 20.9 16.6 25.0

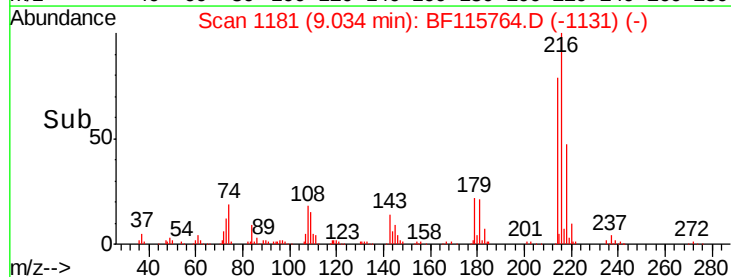
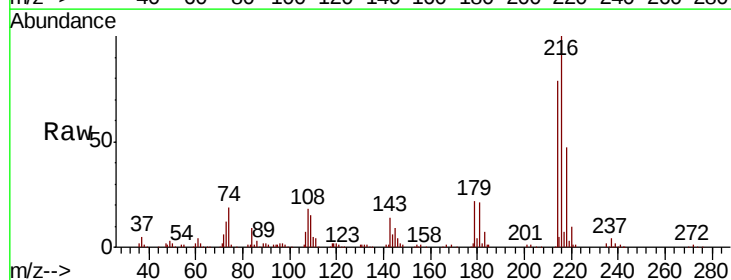
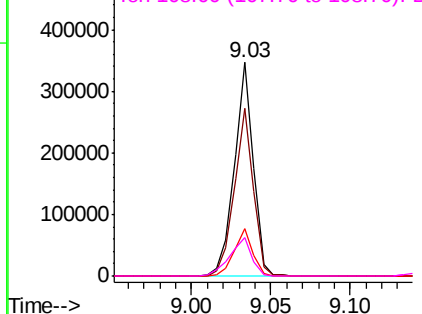
Abundance

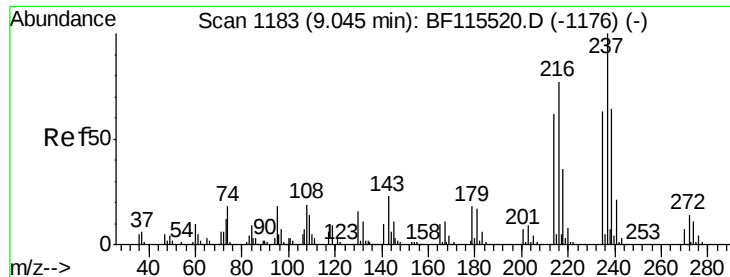
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





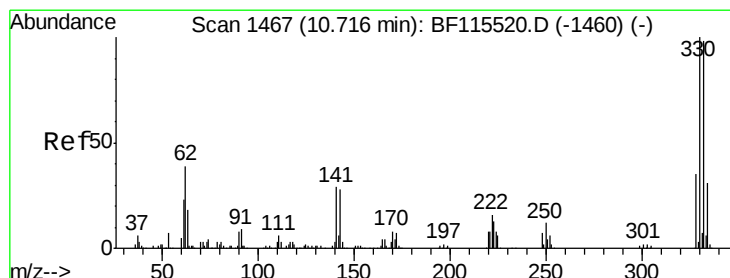
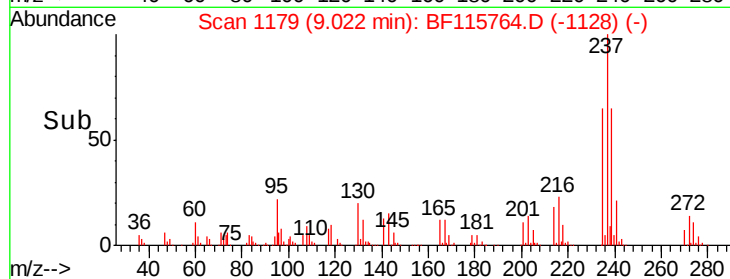
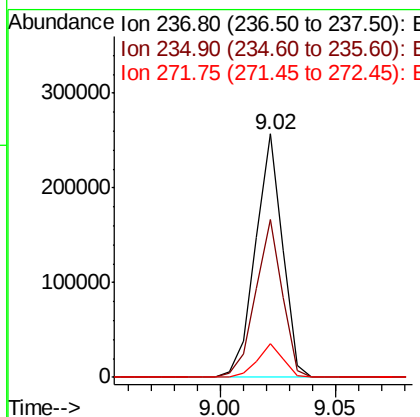
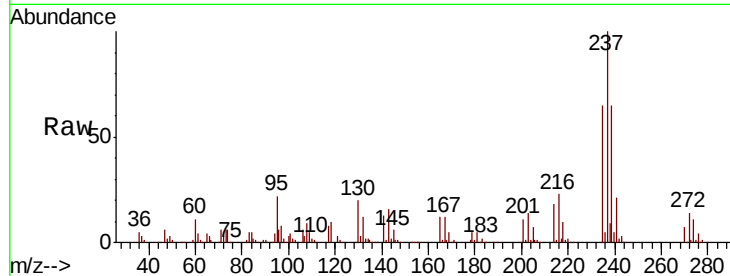
#41
Hexachlorocyclopentadiene
Concen: 41.242 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:	237	Resp:	210716
Ion Ratio	Lower	Upper	
237	100		
235	64.8	44.3	84.3
272	13.9	0.0	33.0

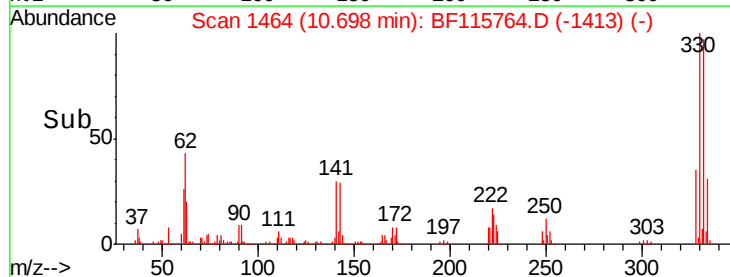
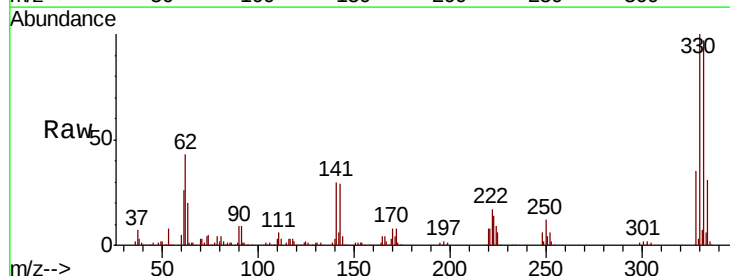
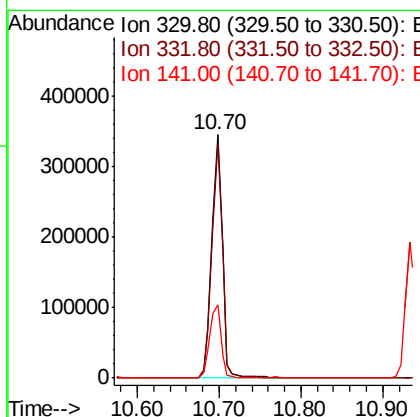
Manual Integrations
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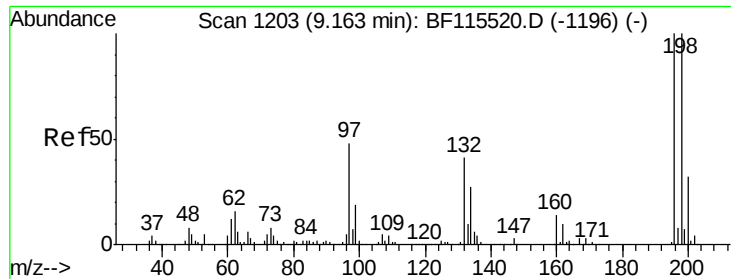
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#42
2,4,6-Tribromophenol
Concen: 90.241 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:	330	Resp:	313297
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.1	114.1
141	32.2	25.9	38.9





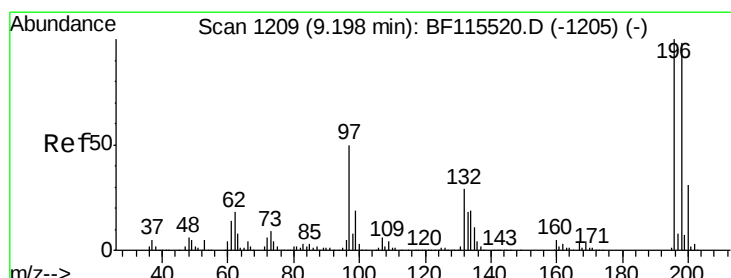
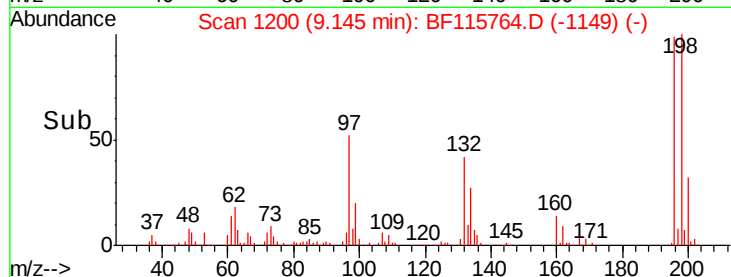
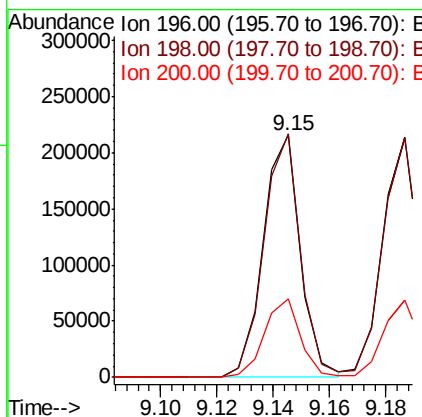
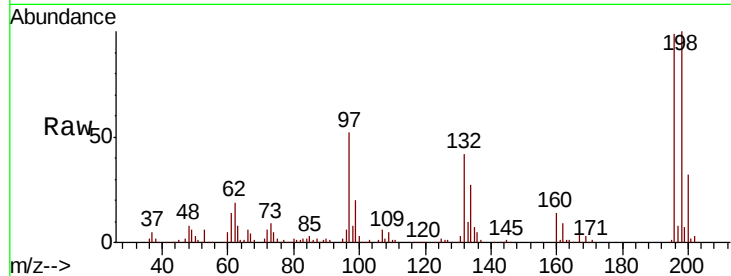
#43
 2,4,6-Trichlorophenol
 Concen: 30.057 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196872		
198	100.6	79.8	119.6	
200	32.7	25.4	38.0	

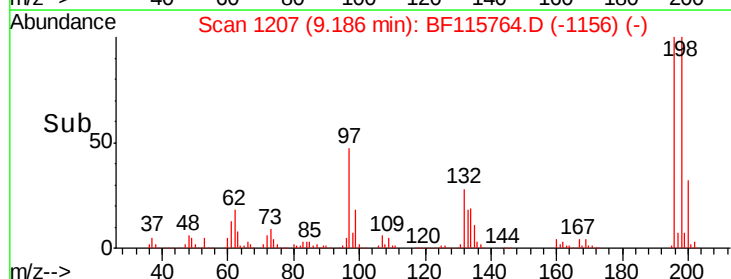
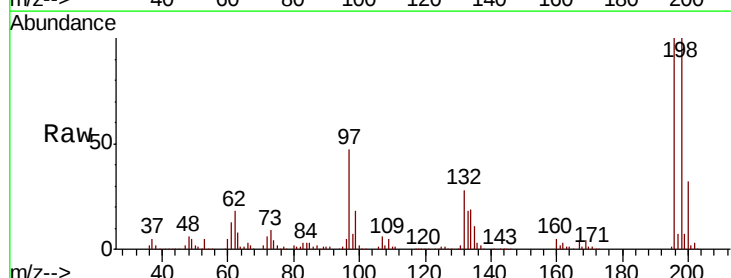
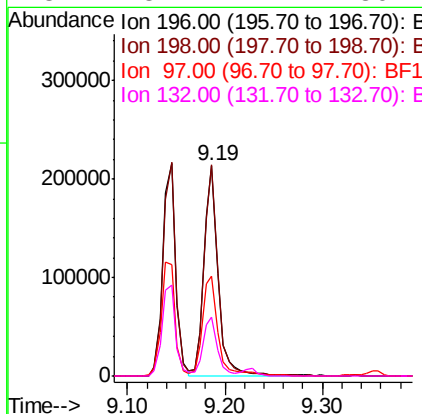
Manual Integrations
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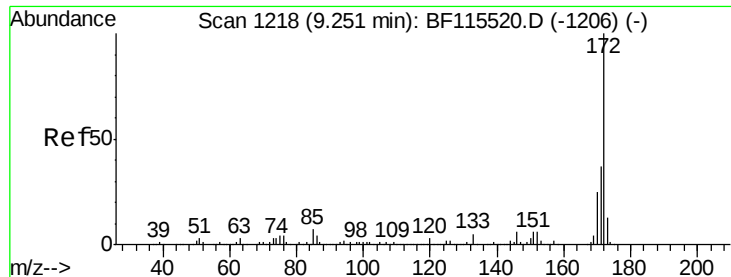
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#44
 2,4,5-Trichlorophenol
 Concen: 31.899 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213973		
198	100.1	78.2	117.2	
97	47.4	41.9	62.9	
132	28.1	24.1	36.1	





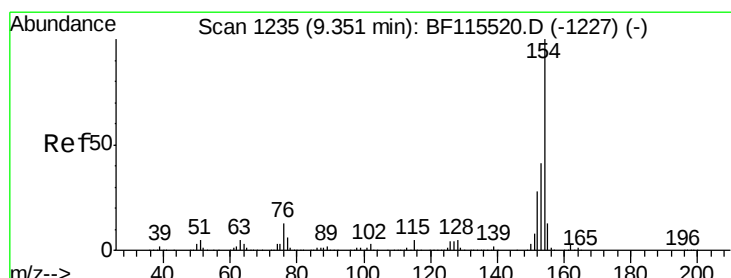
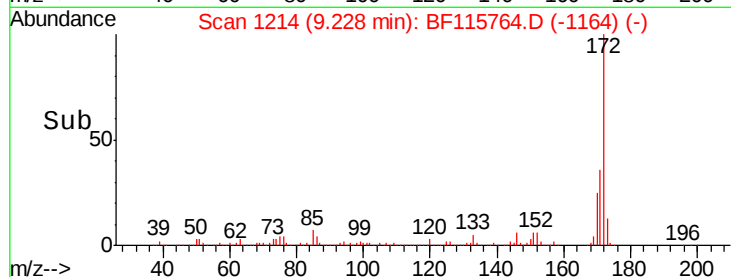
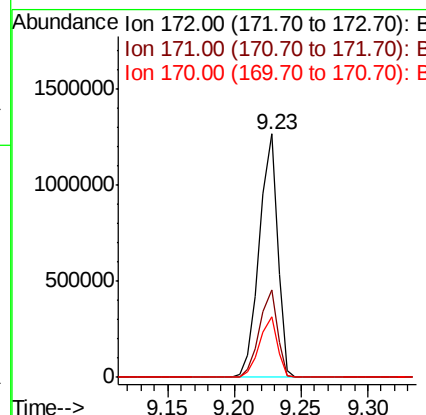
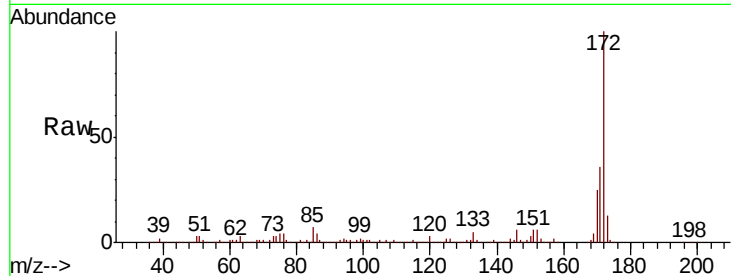
#45
2-Fluorobiphenyl
Concen: 69.630 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.8	20.1	30.1

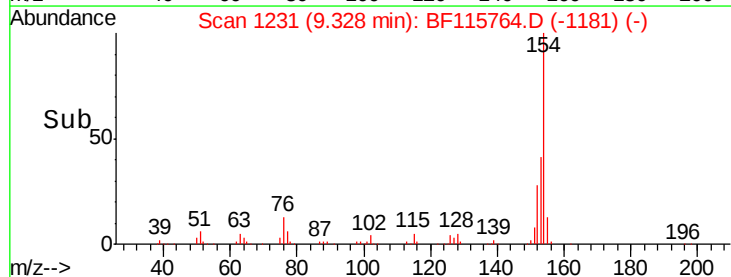
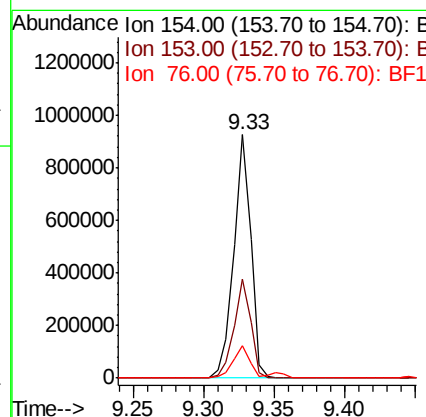
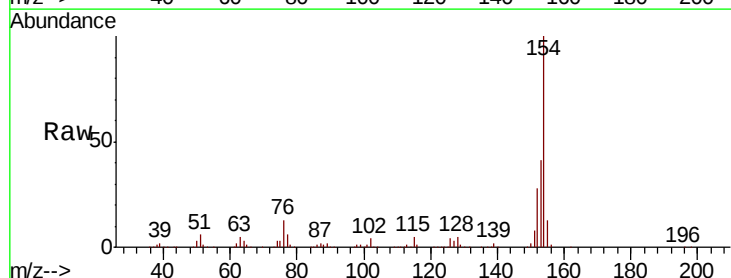
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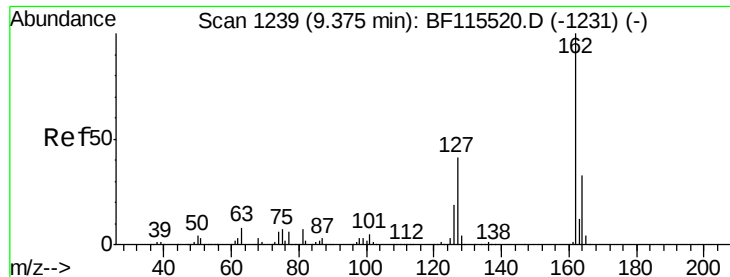
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#46
1,1'-Biphenyl
Concen: 33.467 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	13.4	0.0	33.2





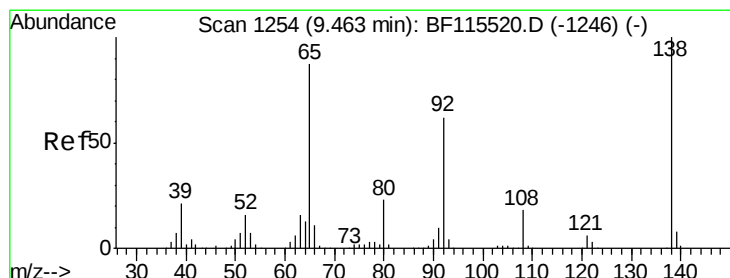
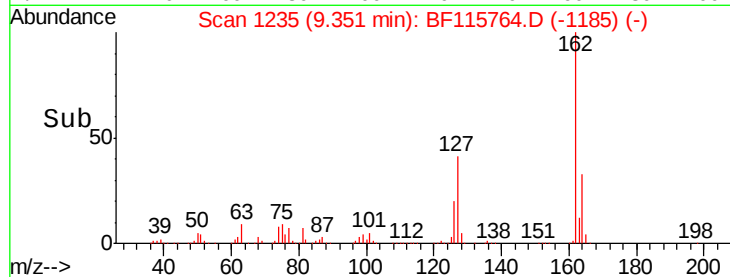
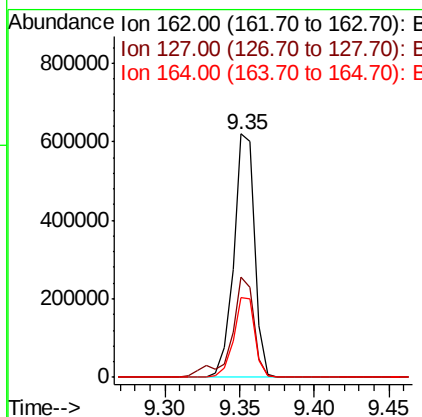
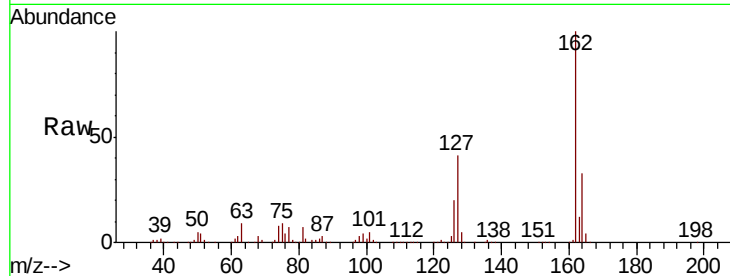
#47
 2-Chloronaphthalene
 Concen: 31.582 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.1	32.1	48.1
164	32.9	26.2	39.4

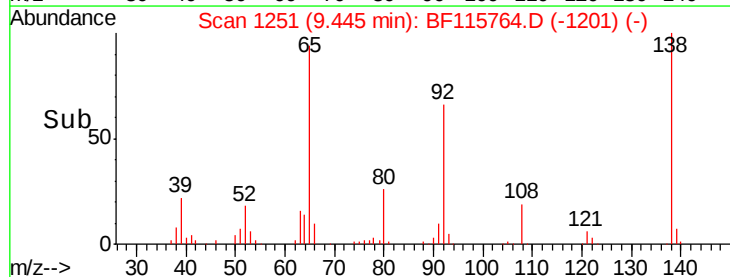
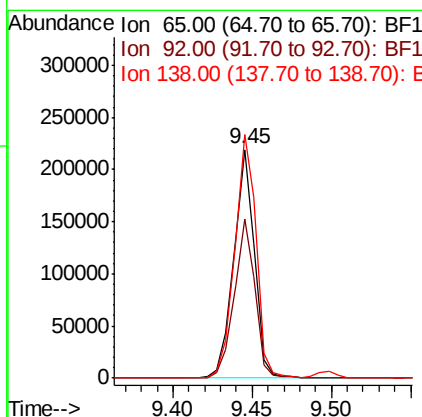
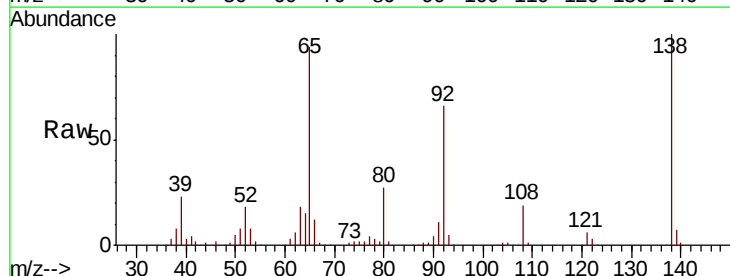
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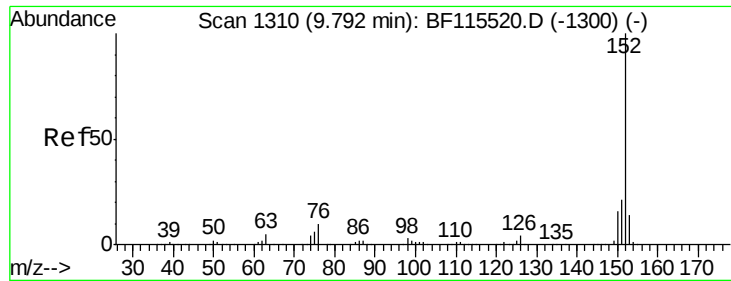
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#48
 2-Nitroaniline
 Concen: 33.126 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.7	56.9	85.3
138	106.4	91.4	137.2





#49

Acenaphthylene

Concen: 33.614 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

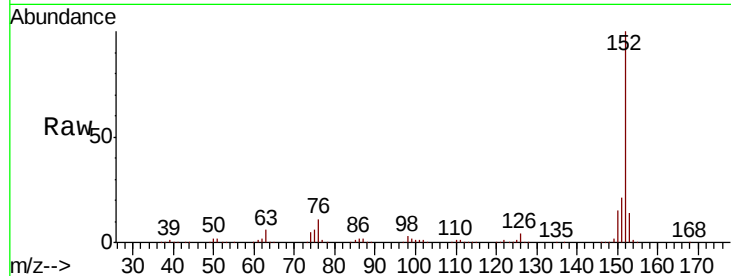
ClientSampleId :

TP-1-BMSD

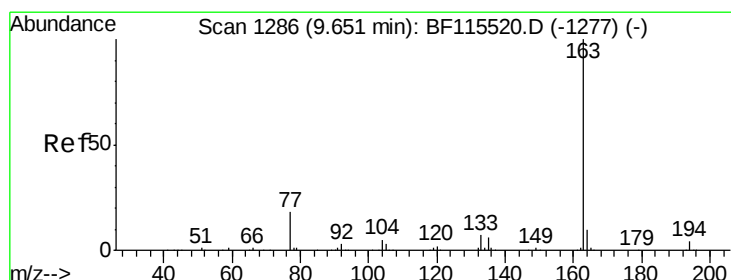
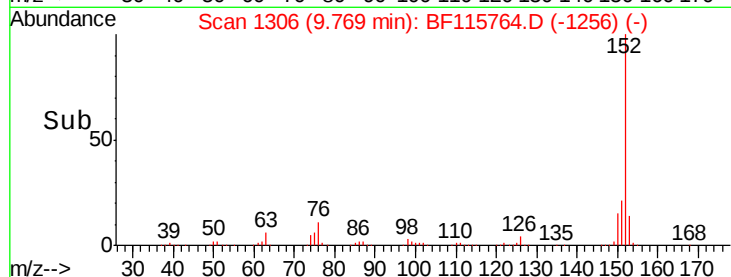
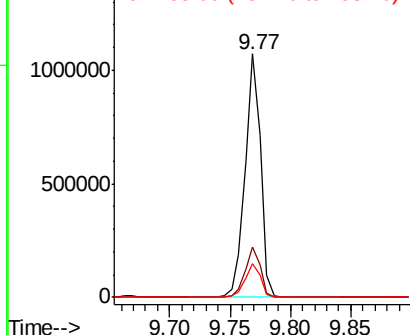
Tot Ion:	152	Resp:	964366
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.9	25.3
153	14.0	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.012 ng

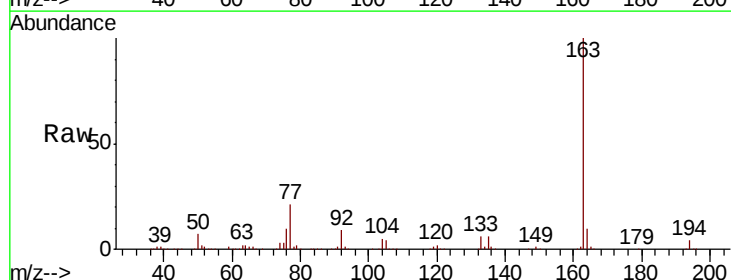
RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

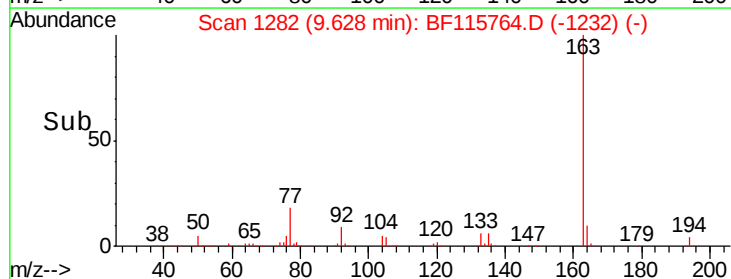
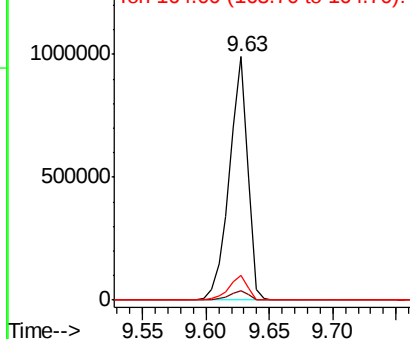
Lab File: BF115764.D

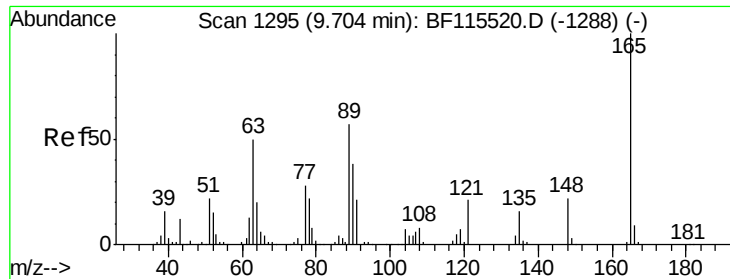
Acq: 25 Jul 2019 18:13

Tgt Ion:	163	Resp:	984909
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.4	8.3	12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.458 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

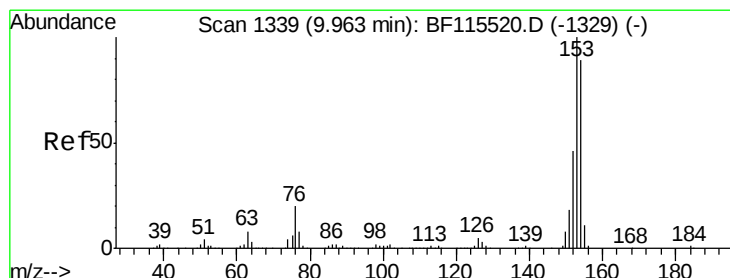
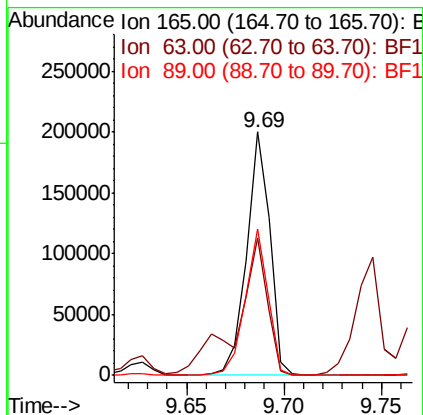
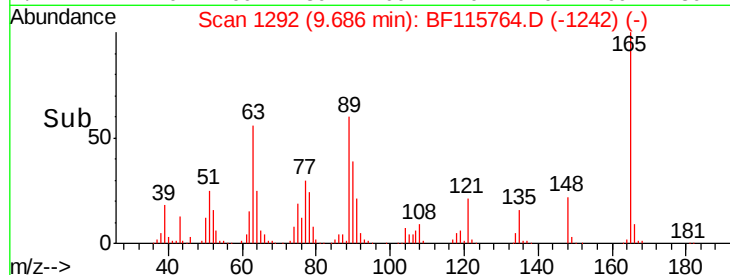
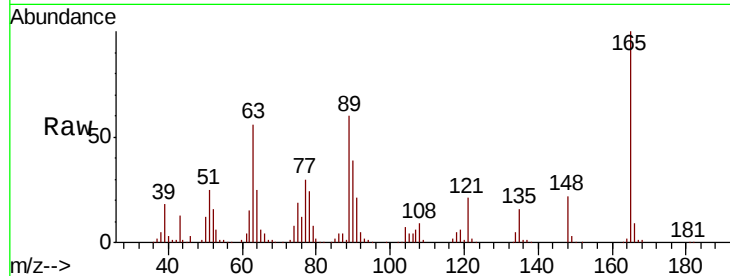
ClientSampled :

TP-1-BMSD

Tot Ion:	165	Resp:	165067
Ion Ratio	Lower	Upper	
165	100		
63	56.3	43.5	65.3
89	60.2	46.3	69.5

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#52

Acenaphthene

Concen: 33.685 ng

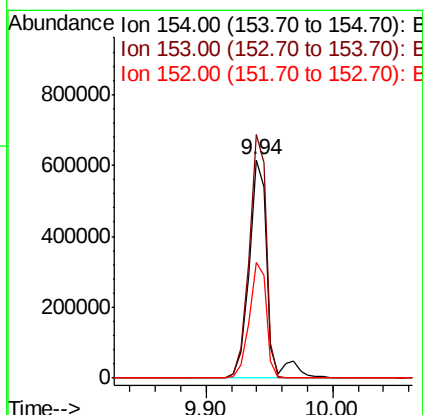
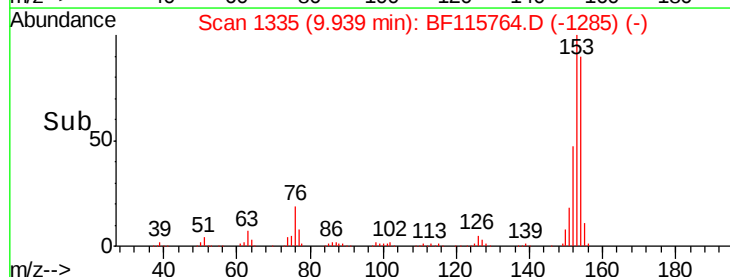
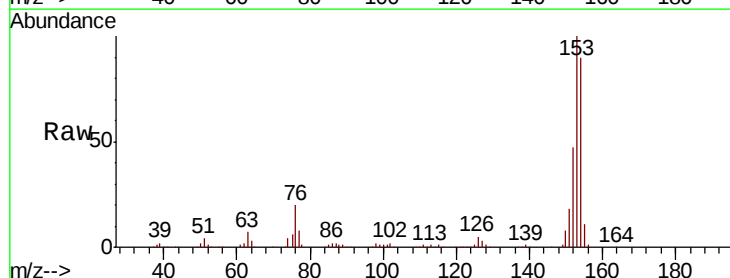
RT: 9.94 min Scan# 1335

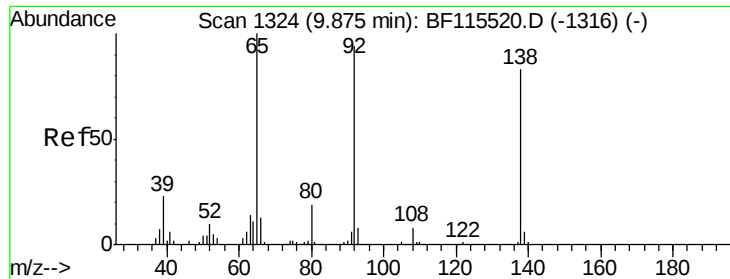
Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	154	Resp:	623923
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.1	132.1
152	52.8	42.0	63.0





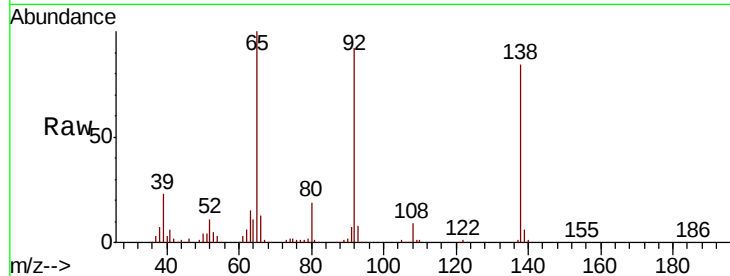
#53
3-Nitroaniline
Concen: 27.187 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	108.3	87.2	130.8

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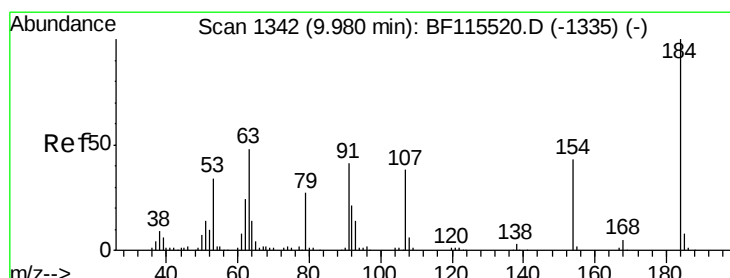
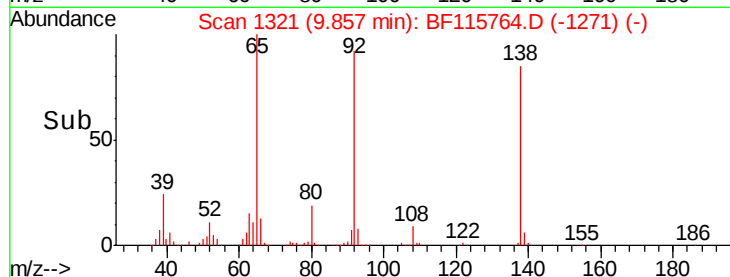
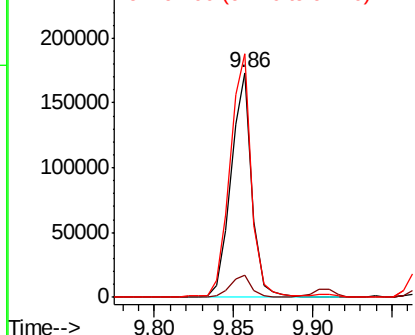


Abundance

Ion 138.00 (137.70 to 138.70): E

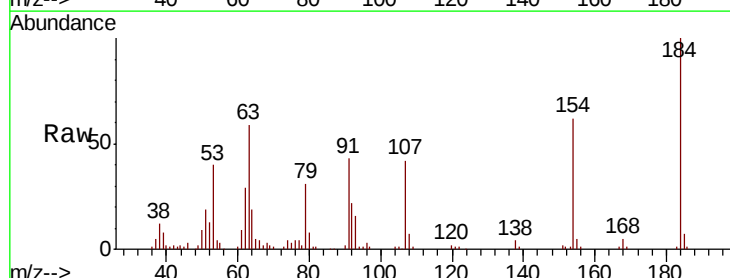
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 31.870 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	55.2	82.8
154	62.4	51.4	77.0

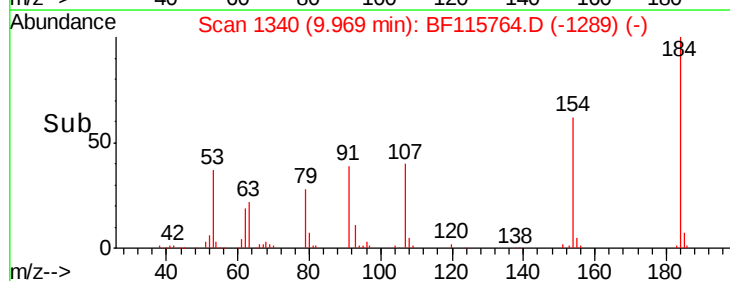
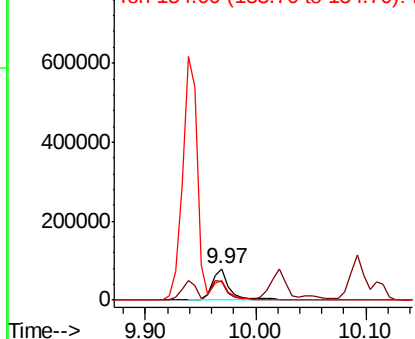


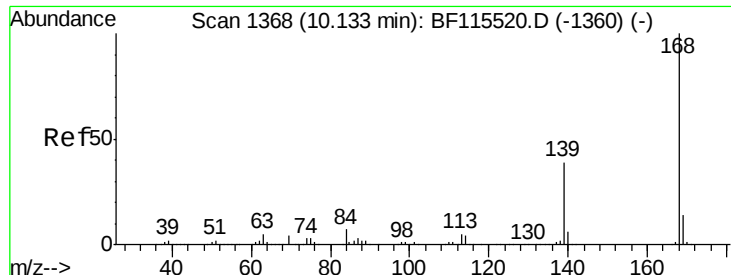
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





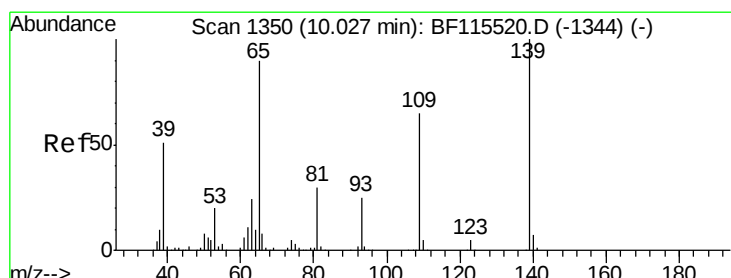
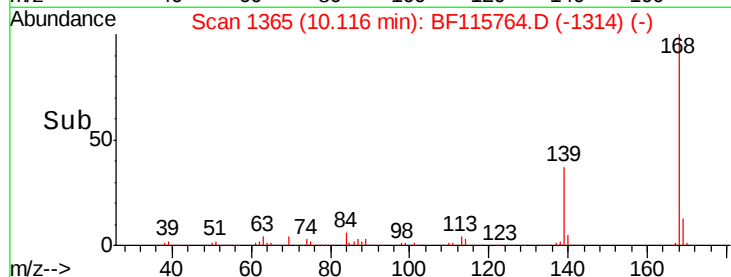
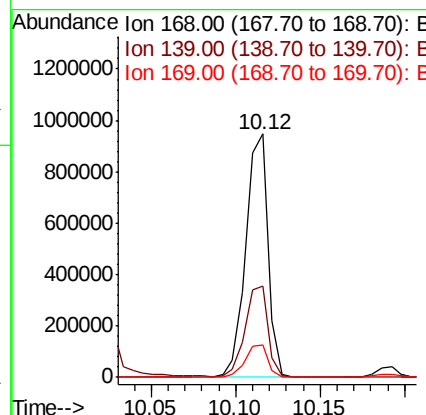
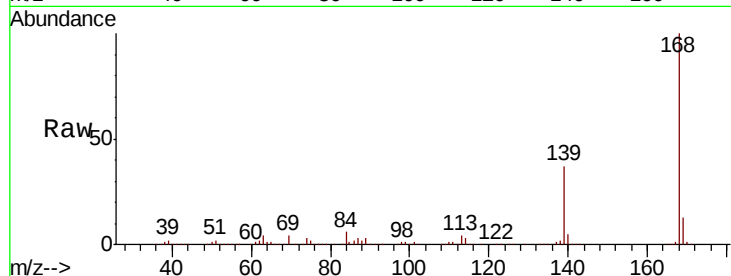
#55
Dibenzenofuran
Concen: 33.104 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.4	47.2
169	13.3	11.3	16.9

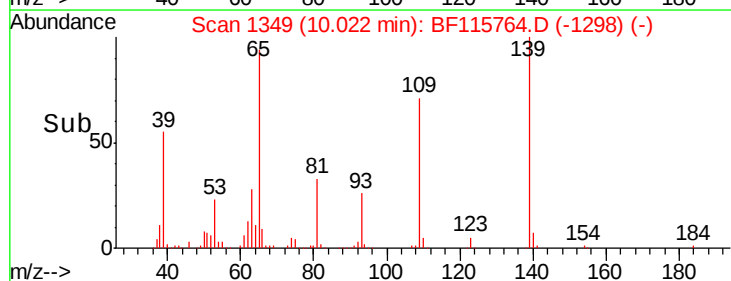
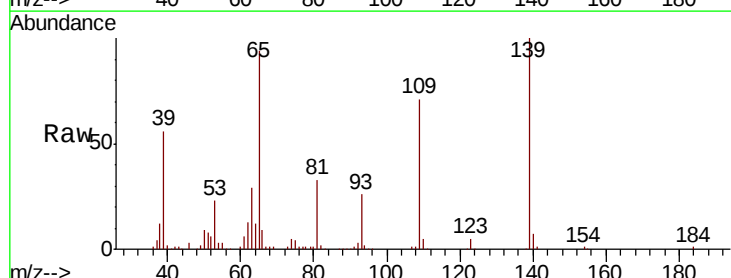
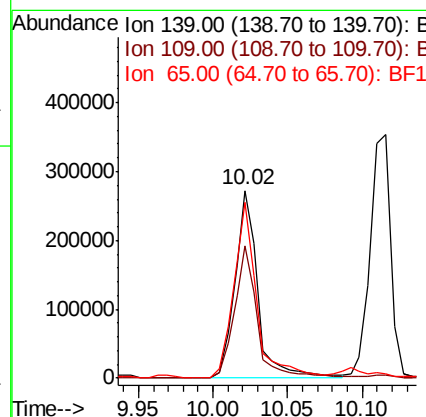
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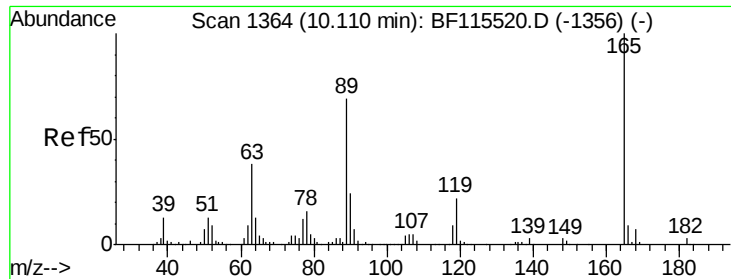
mohammad
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#56
4-Nitrophenol
Concen: 66.658 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	51.2	91.2
65	93.7	76.0	116.0





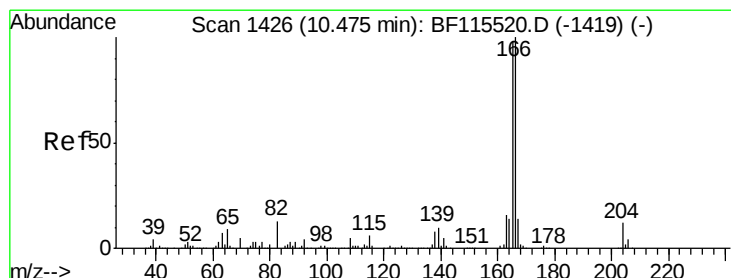
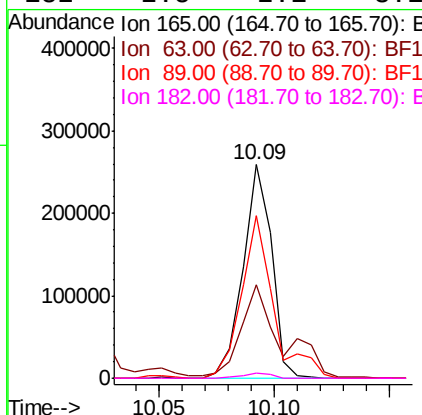
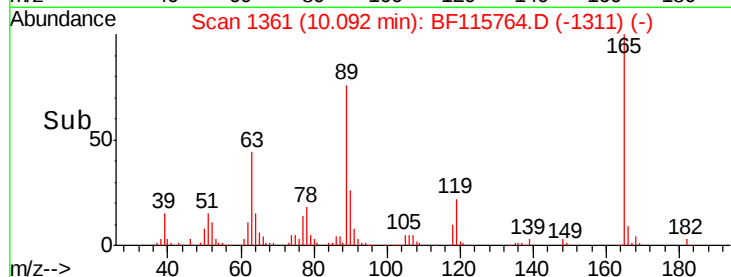
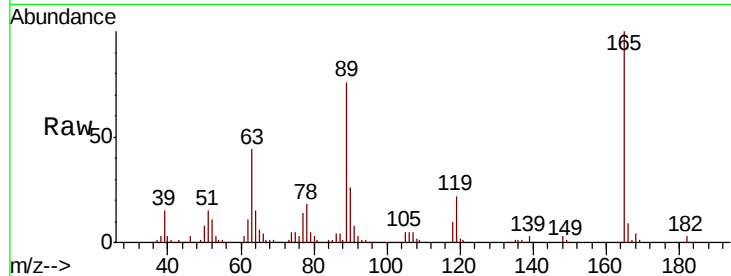
#57
2,4-Dinitrotoluene
Concen: 34.118 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.2
89	76.0	57.3	85.9
182	2.5	2.1	3.1

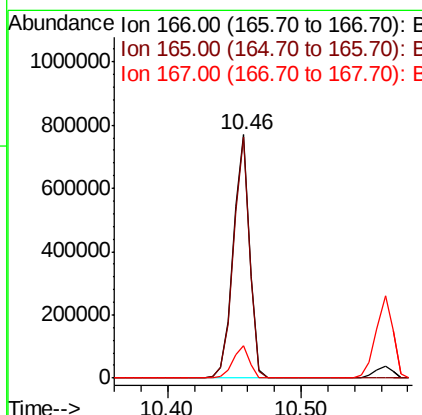
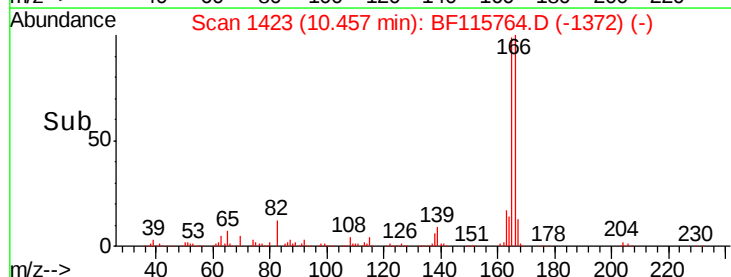
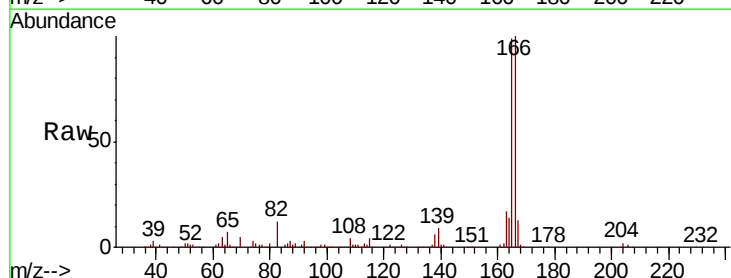
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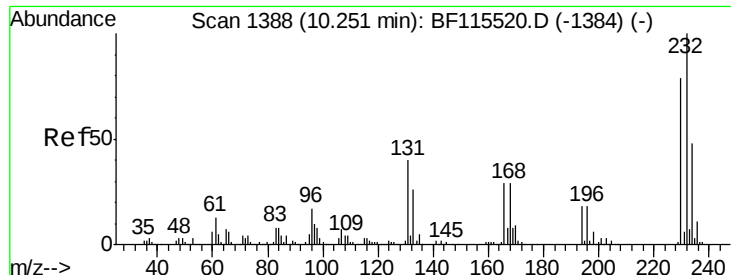
mohammad
7/26/2019 3:23:14 PM



#58
Fluorene
Concen: 35.328 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.4	11.0	16.6





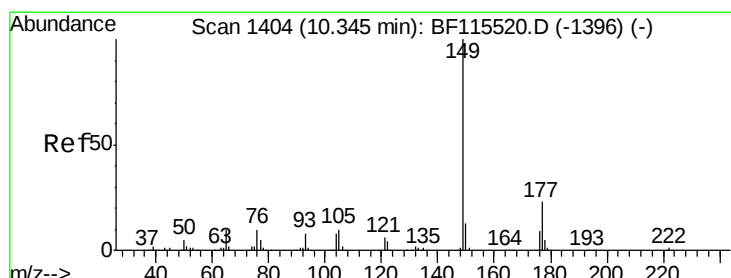
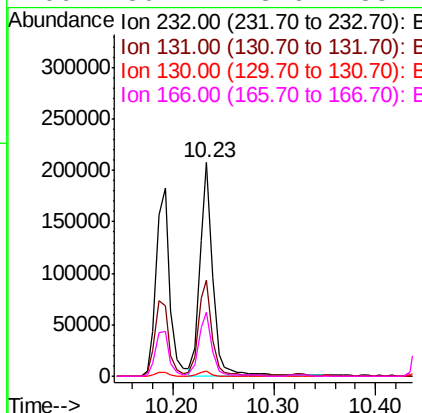
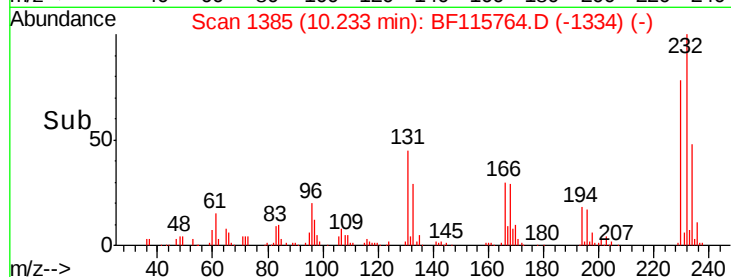
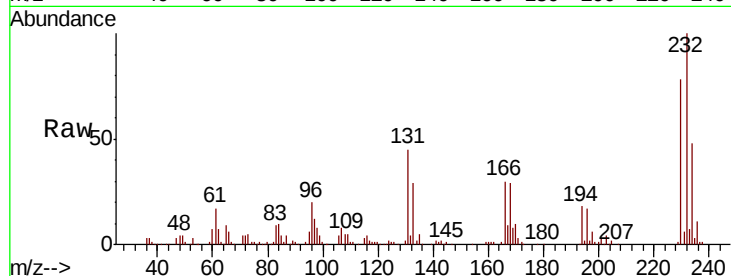
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.689 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		183303		
131	46.4	35.8	53.8		
130	2.3	1.8	2.6		
166	30.4	23.6	35.4		

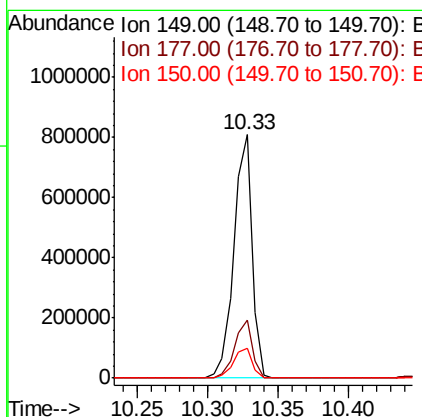
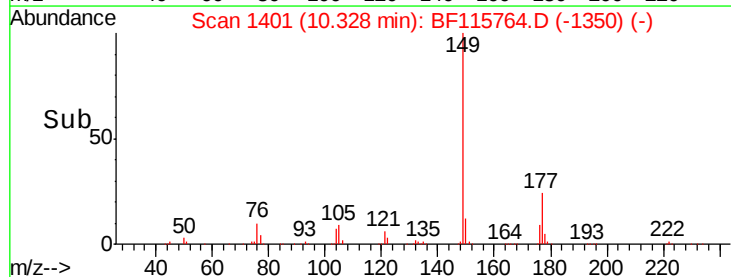
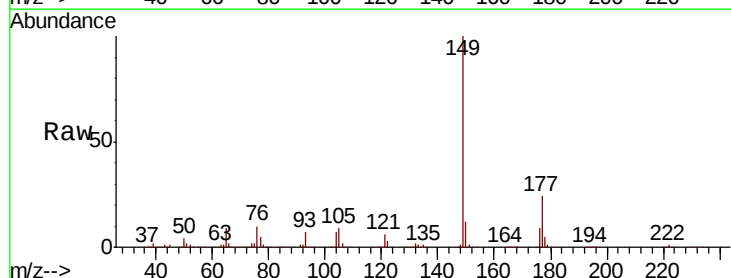
Manual Integrations
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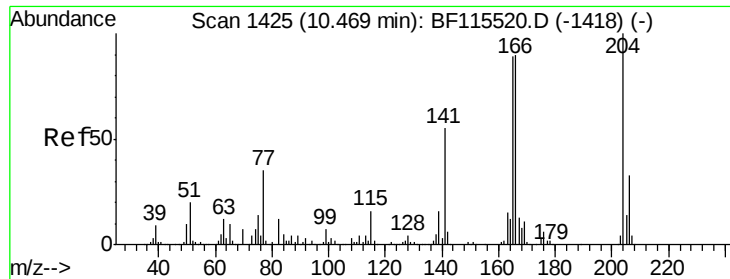
mohammad
 7/26/2019 3:23:14 PM



#60
 Diethylphthalate
 Concen: 34.683 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		727206		
177	23.6	19.0	28.4		
150	12.4	10.5	15.7		





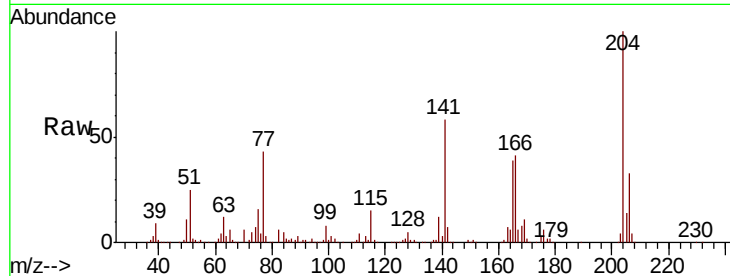
#61
 4-Chlorophenyl-phenylether
 Concen: 32.405 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1-BMSD

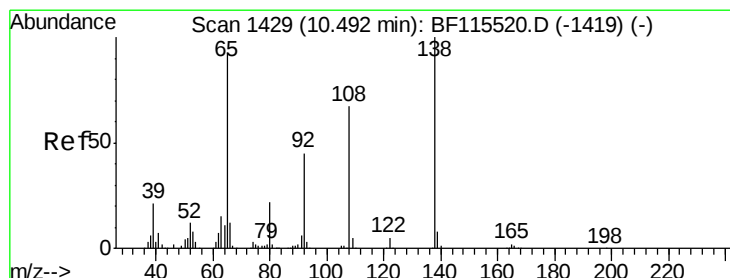
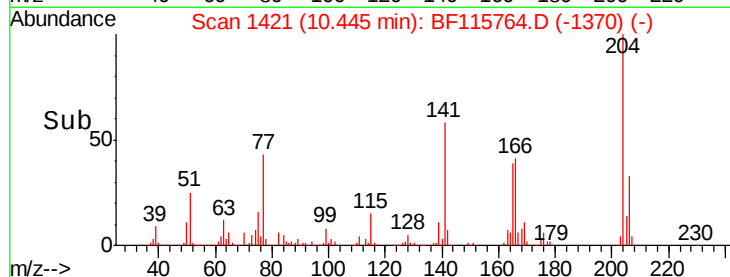
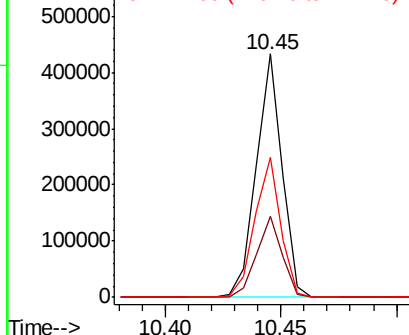
Tot Ion:	204	Resp:	337919
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.2	39.2
141	57.5	47.3	70.9

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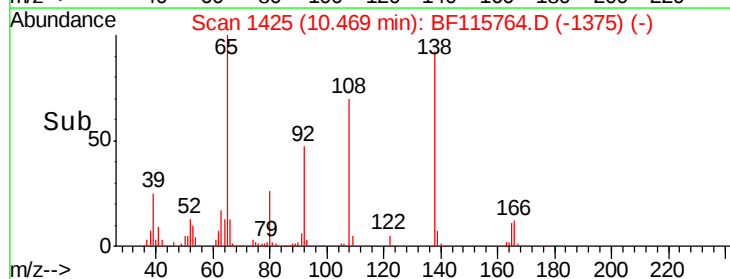
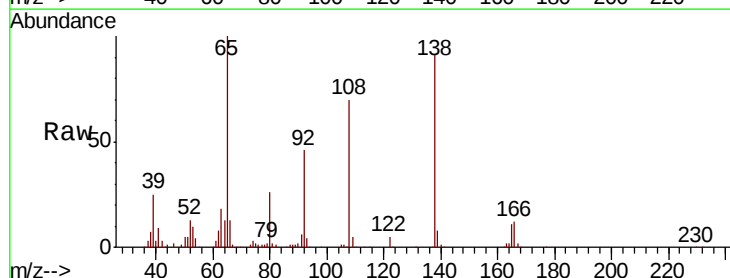
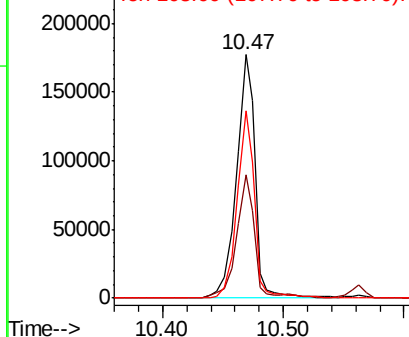
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

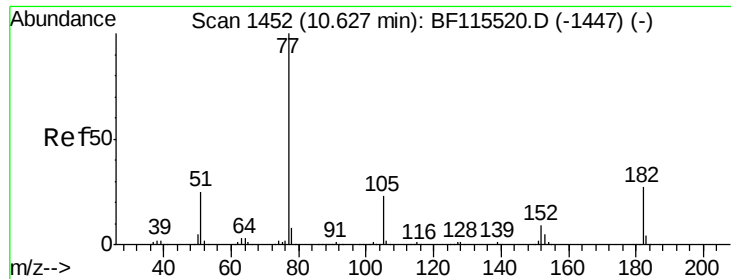


#62
 4-Nitroaniline
 Concen: 34.327 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:	138	Resp:	191355
Ion Ratio	Lower	Upper	
138	100		
92	50.7	30.3	70.3
108	76.8	55.0	95.0

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





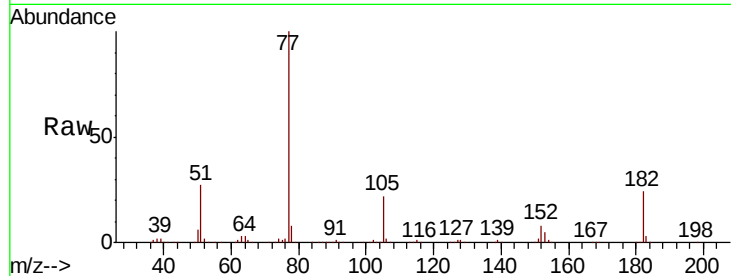
#63
Azobenzene
Concen: 36.555 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

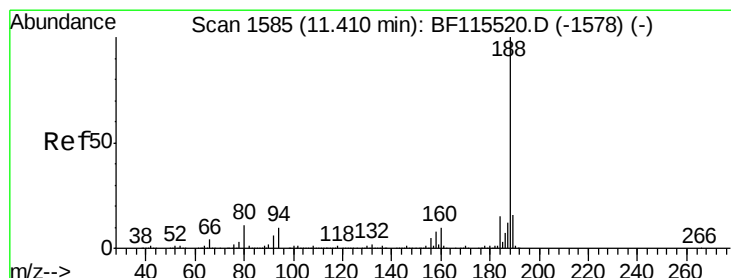
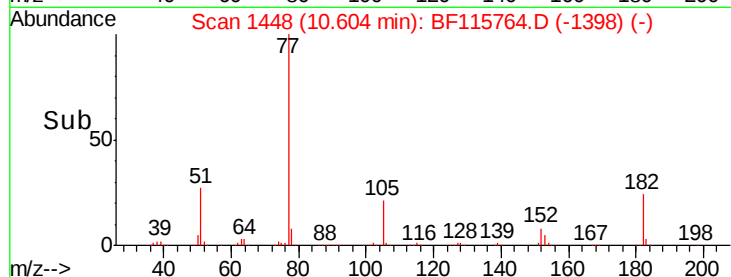
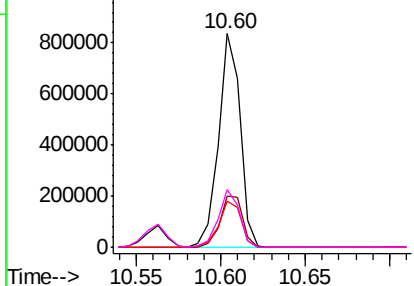
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		743441		
182	23.9	6.9	46.9		
105	21.7	3.1	43.1		
51	27.1	6.7	46.7		

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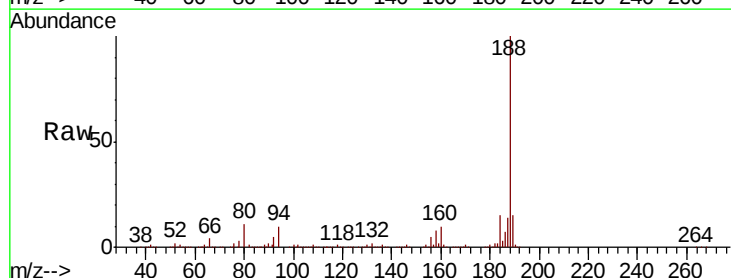


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

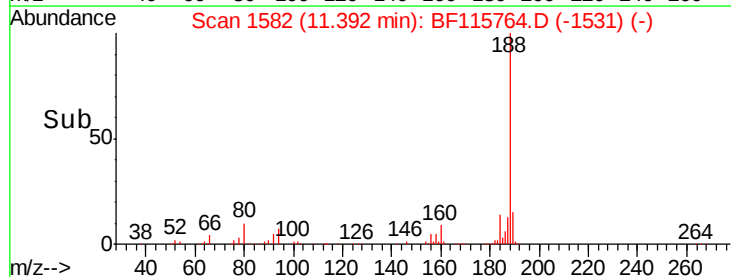
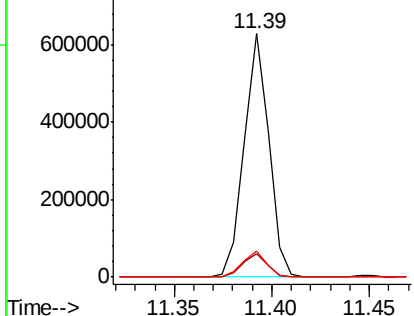


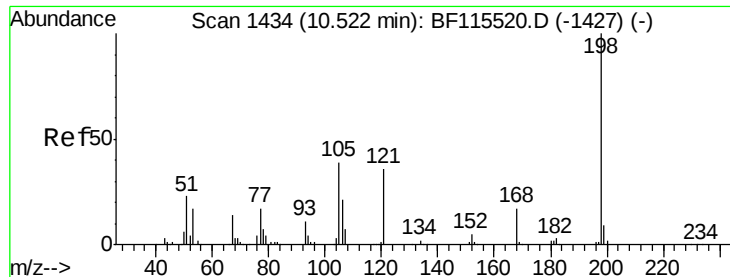
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		554750		
94	9.7	8.2	12.2		
80	10.6	9.0	13.6		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





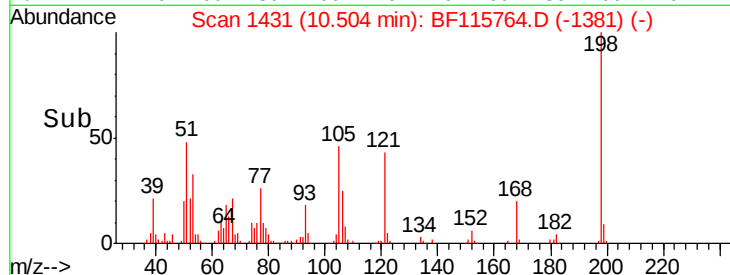
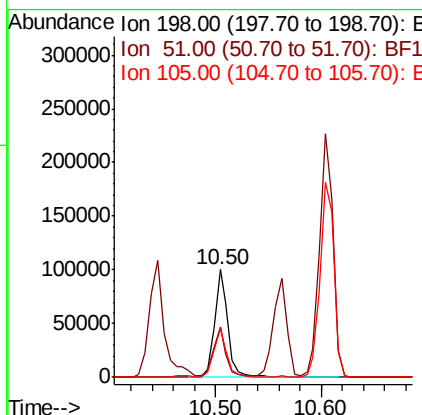
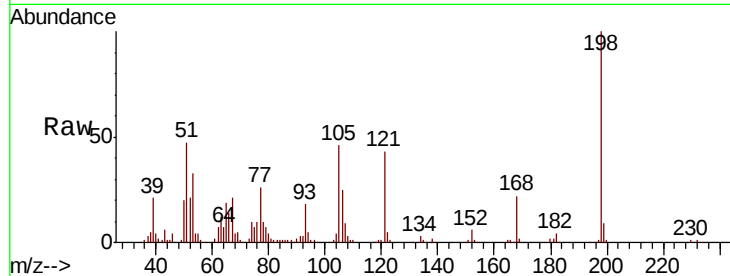
#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.727 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
198	100		90586		
51	47.3	20.3	60.3		
105	46.1	24.7	64.7		

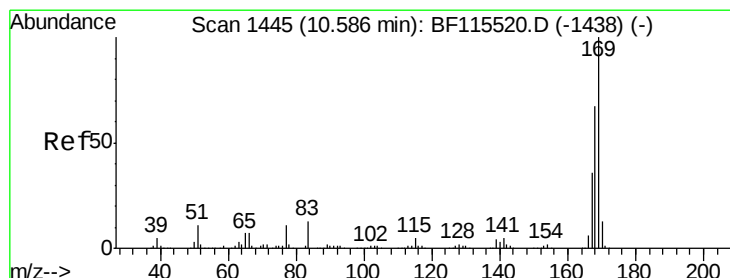
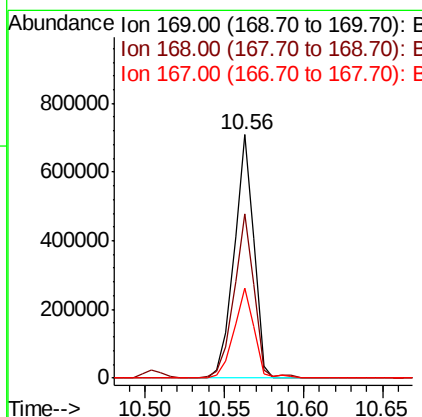
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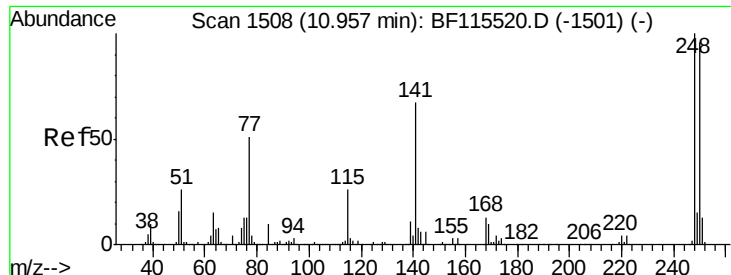
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 35.397 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
169	100		610816		
168	67.3	53.4	80.0		
167	36.7	29.1	43.7		





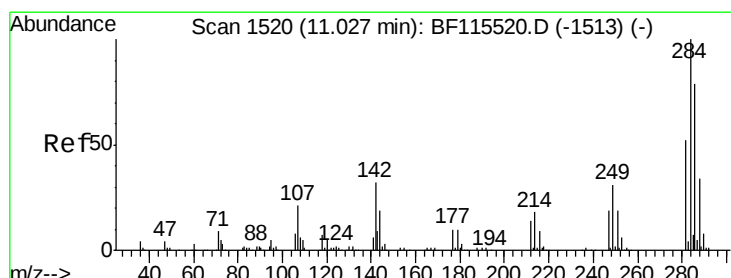
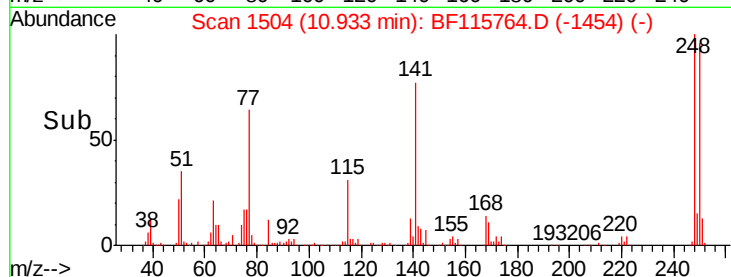
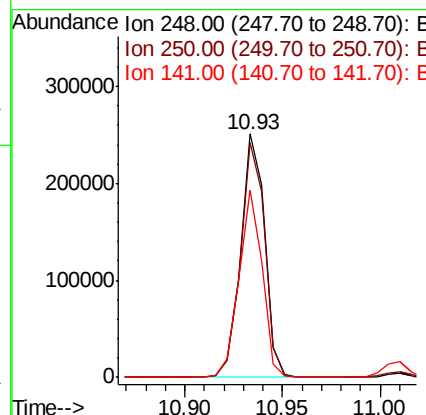
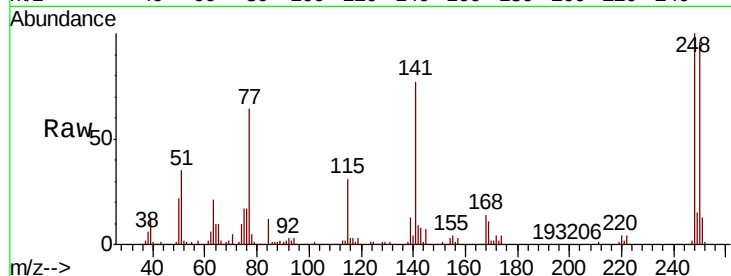
#67
4-Bromophenyl-phenylether
Concen: 33.754 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.0	115.4
141	76.9	52.1	78.1

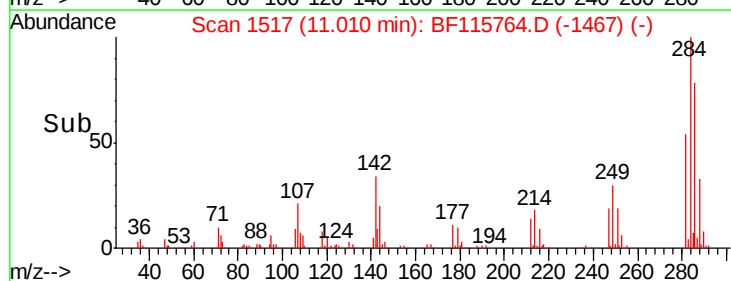
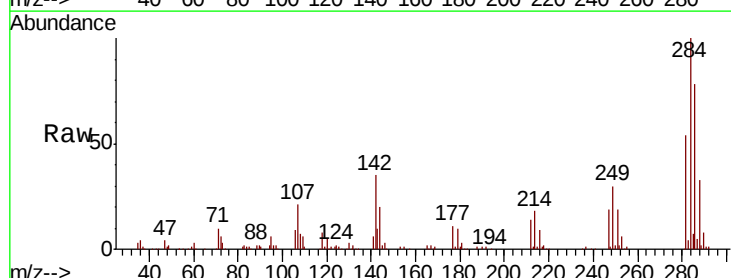
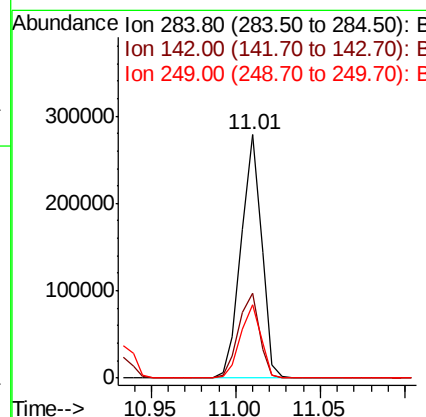
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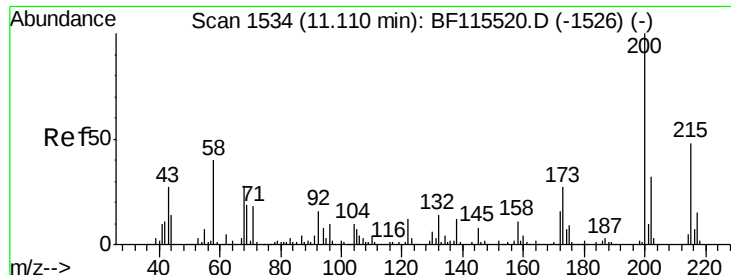
mohammad
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#68
Hexachlorobenzene
Concen: 32.531 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	21.8	32.8#
249	30.0	23.1	34.7





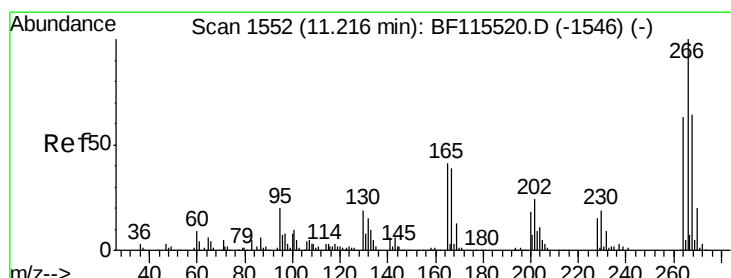
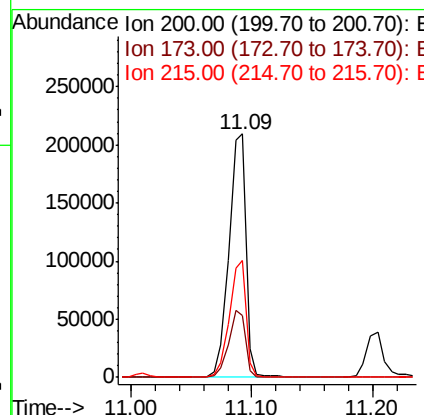
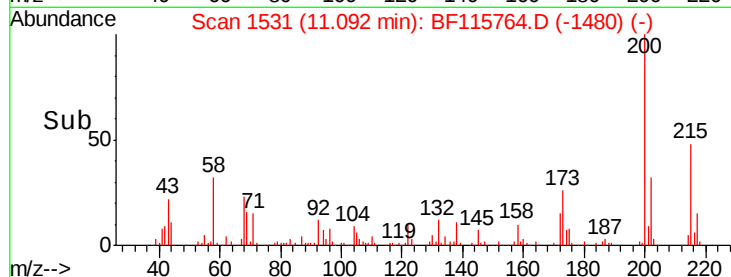
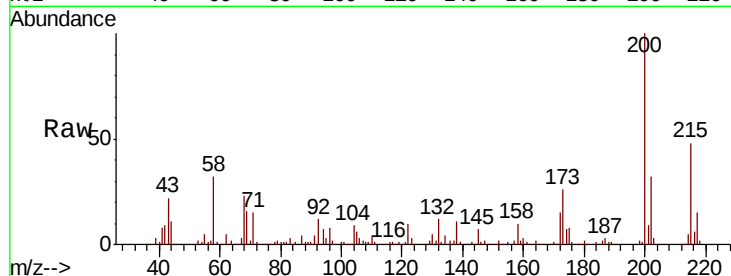
#69
Atrazine
Concen: 36.279 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.9	46.9
215	48.1	26.6	66.6

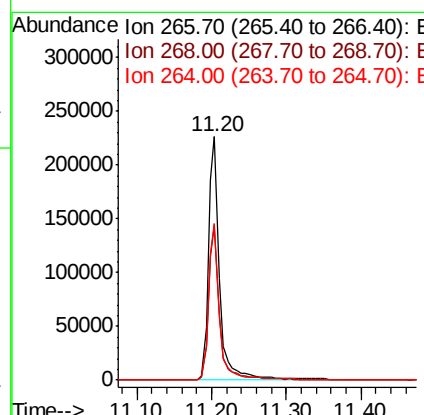
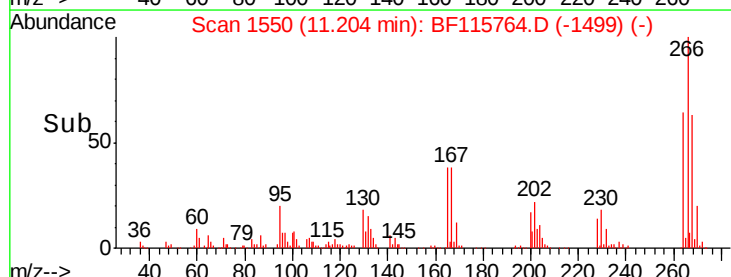
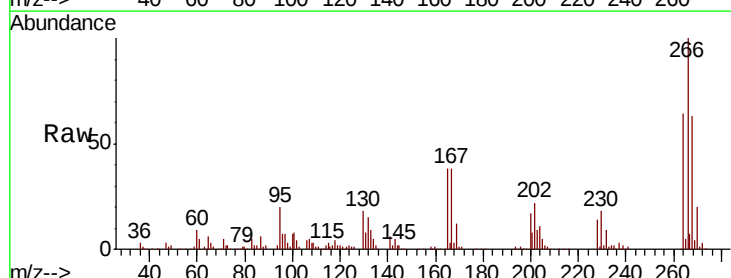
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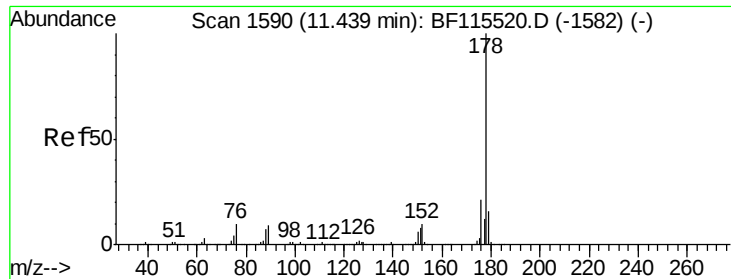
mohammad
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#70
Pentachlorophenol
Concen: 54.664 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.2	76.8
264	64.1	50.0	75.0





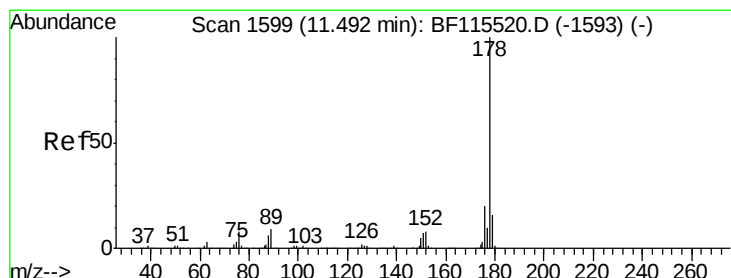
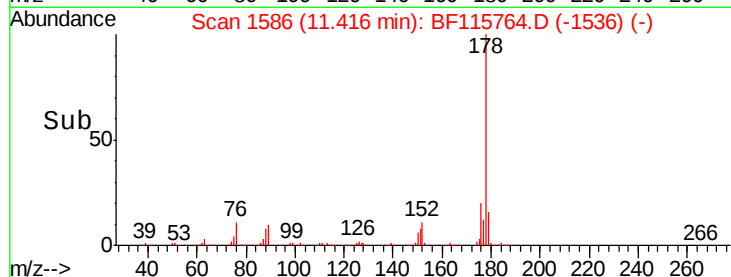
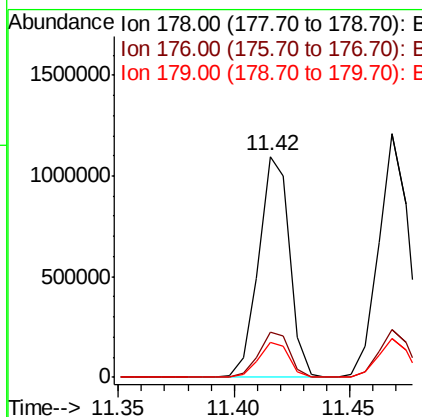
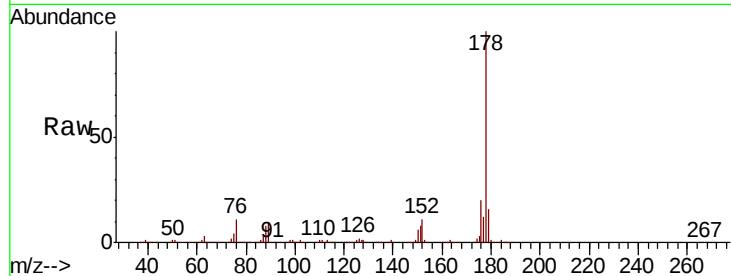
#71
Phenanthrene
Concen: 36.305 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:178 Resp: 1032379
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.1 12.7 19.1

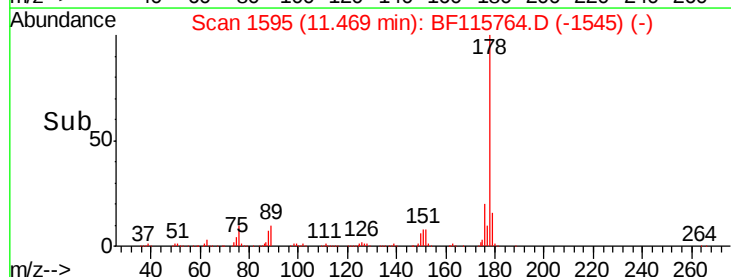
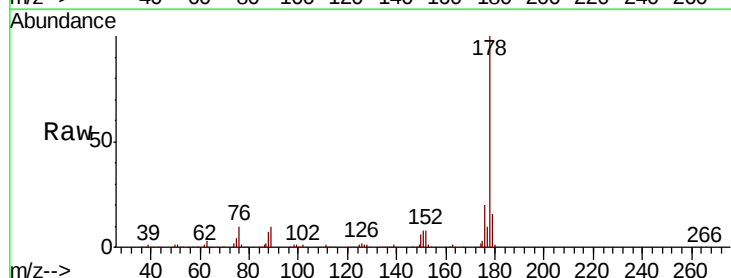
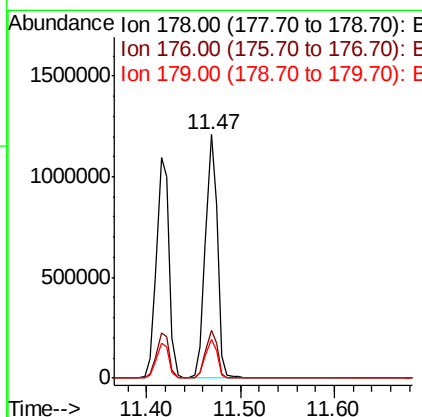
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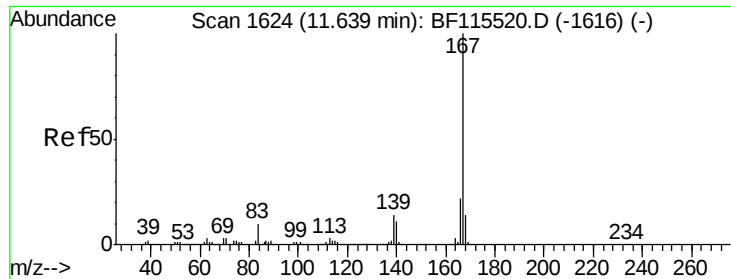
mohammad
7/26/2019 3:23:14 PM



#72
Anthracene
Concen: 36.804 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:178 Resp: 1081593
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 12.6 18.8





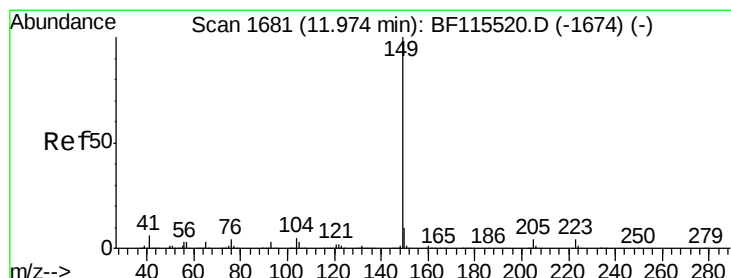
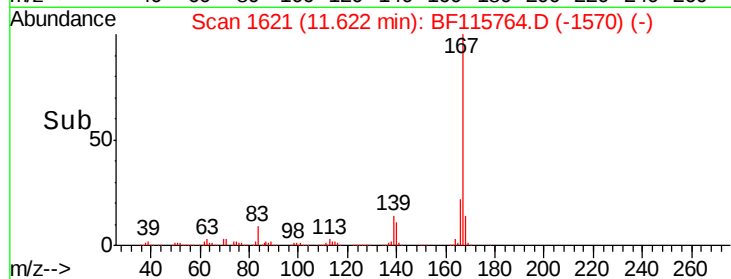
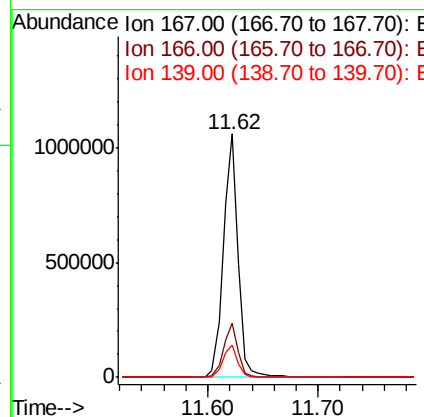
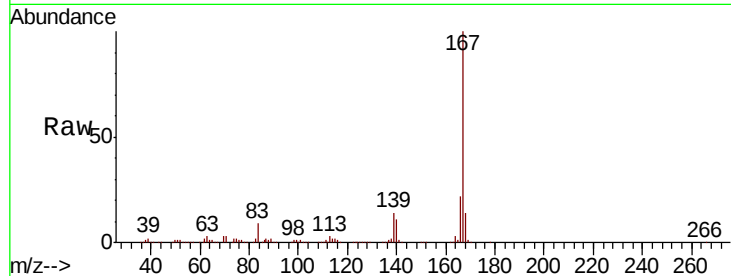
#73
 Carbazole
 Concen: 37.853 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.6	11.1	16.7

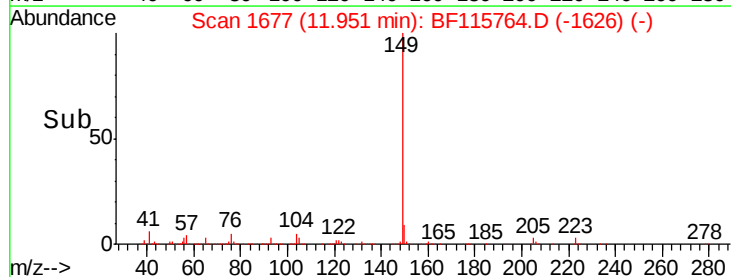
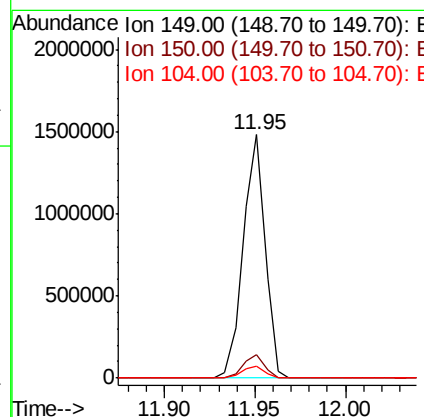
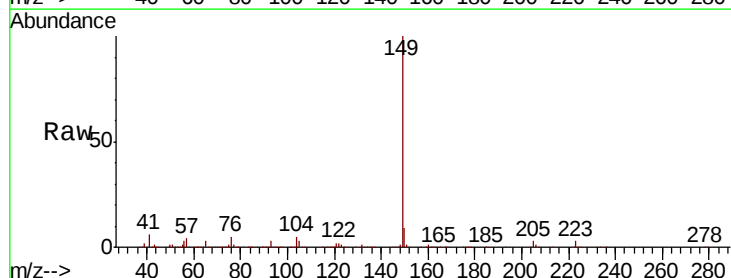
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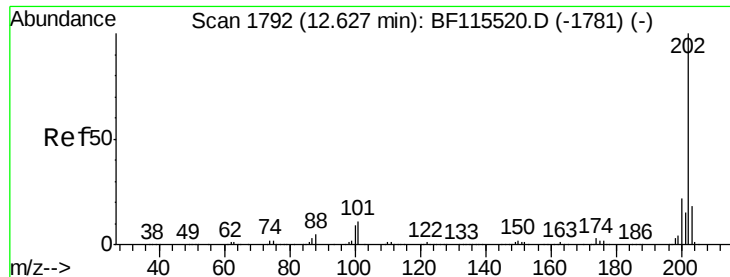
mohammad
 7/26/2019 3:23:14 PM



#74
 Di-n-butylphthalate
 Concen: 39.187 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.1	4.3	6.5





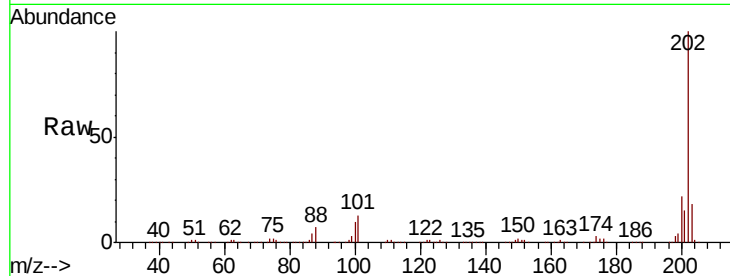
#75
 Fluoranthene
 Concen: 37.113 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1115230		
101	13.2	0.0	31.6	
203	18.3	0.0	38.0	

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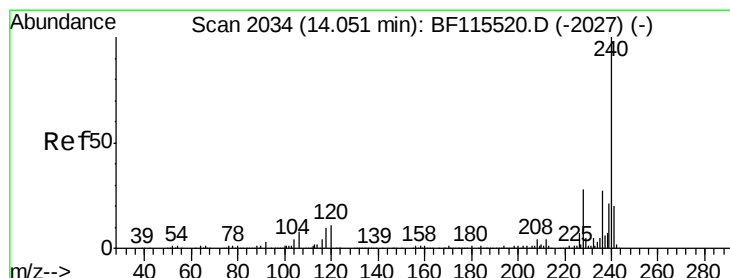
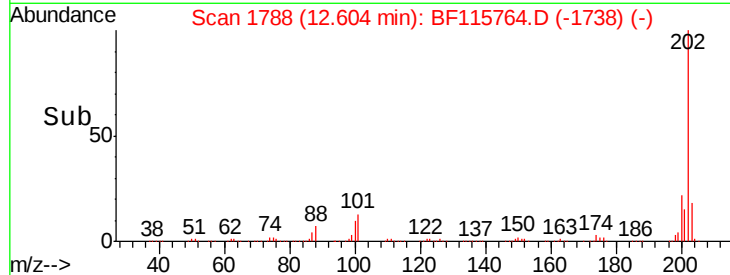
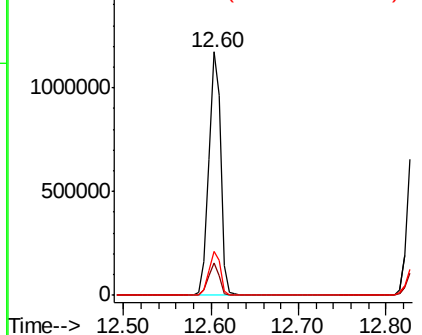


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

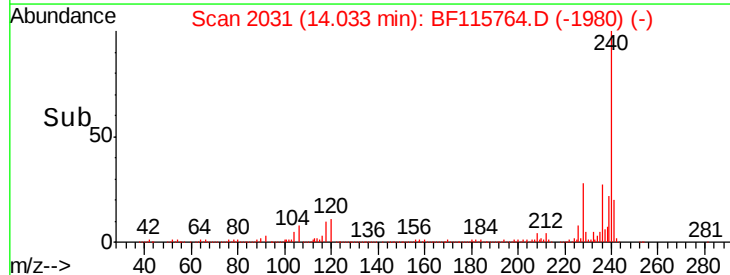
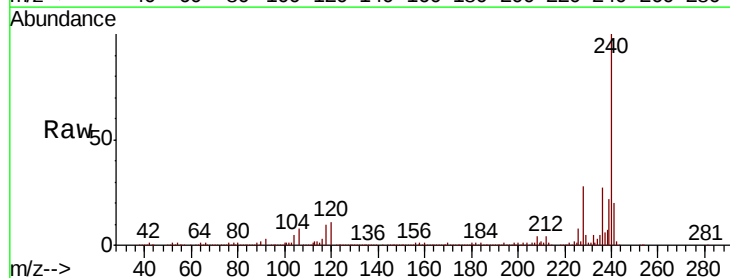
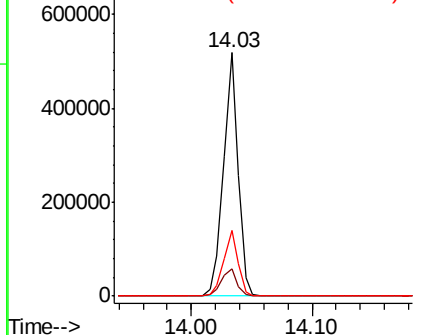
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	432703		
120	11.2	10.0	15.0	
236	26.9	21.8	32.6	

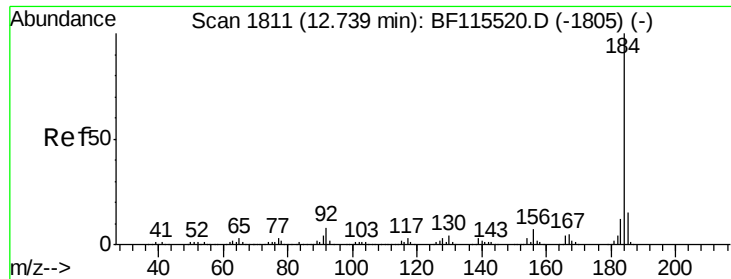
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.694 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

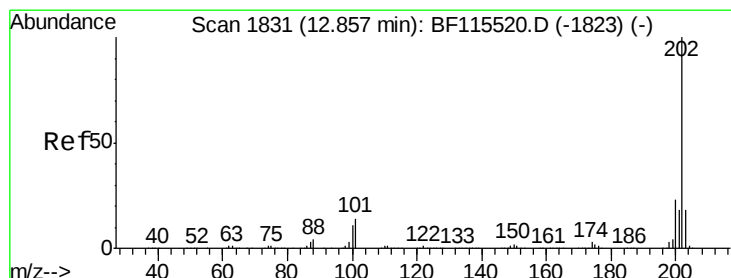
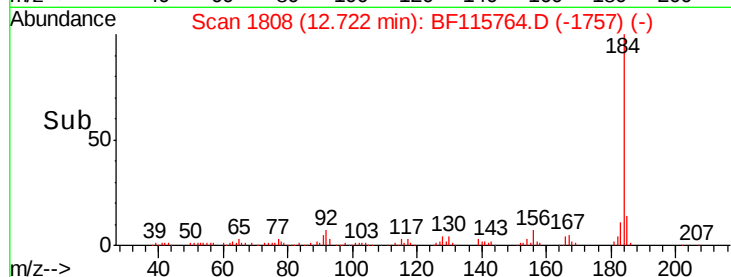
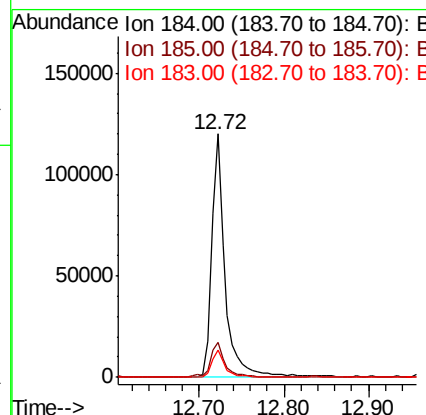
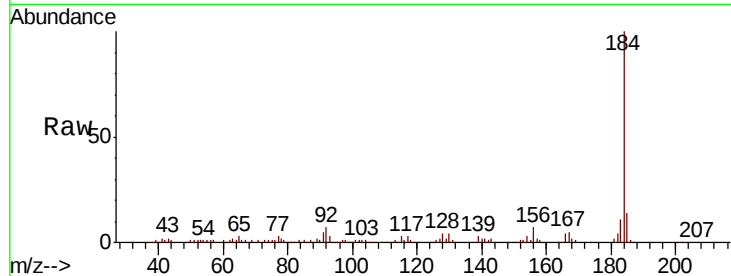
ClientSampleId :

TP-1-BMSD

Tot Ion:	184	Resp:	133265
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.2	9.2	13.8

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#78

Pyrene

Concen: 30.834 ng

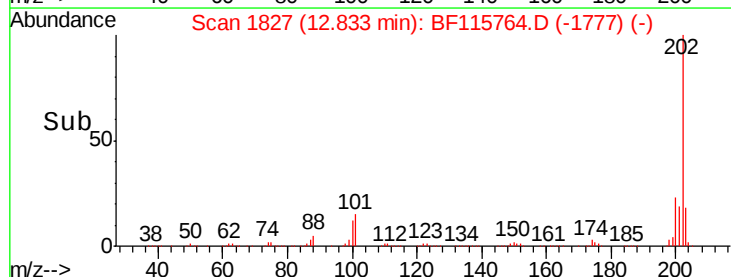
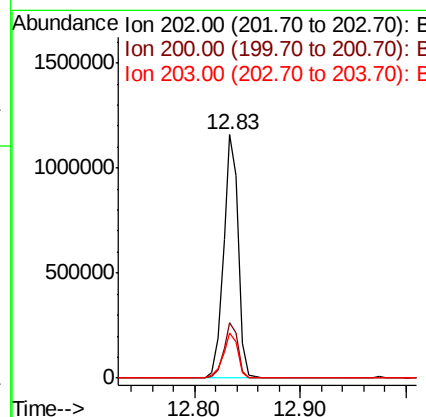
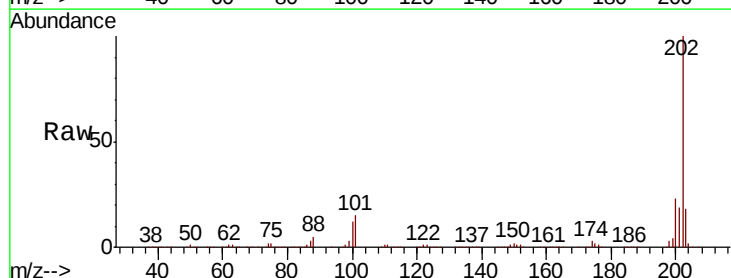
RT: 12.83 min Scan# 1827

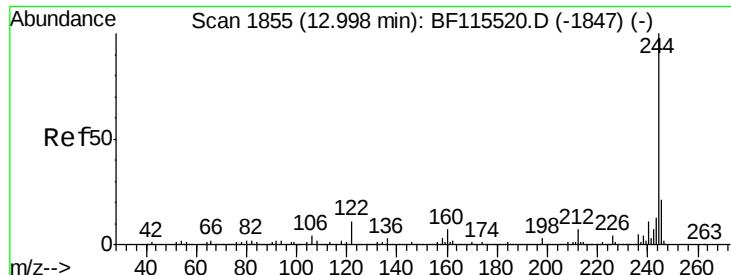
Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	202	Resp:	1130395
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.4
203	18.4	14.6	21.8





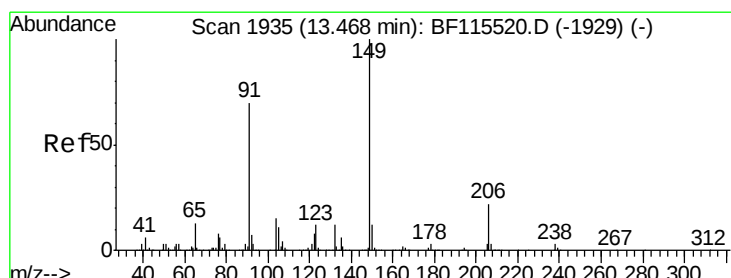
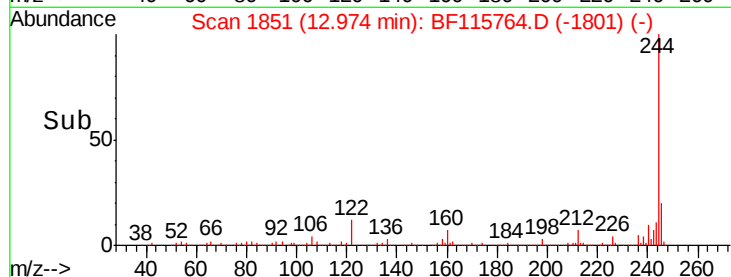
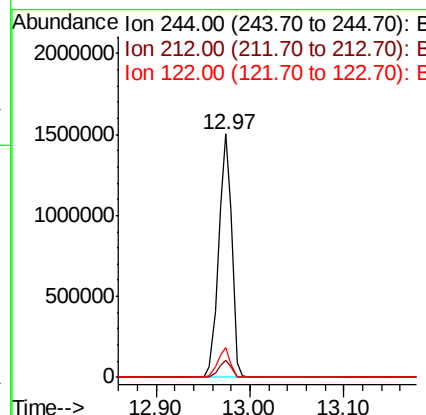
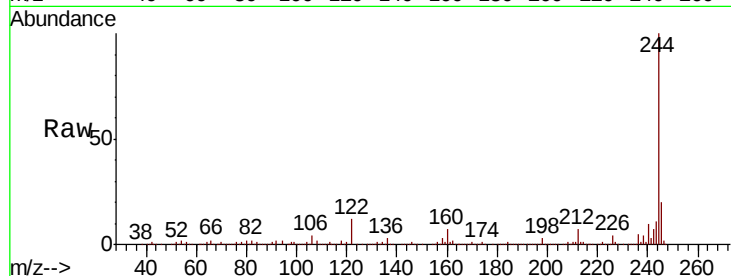
#79
 Terphenyl-d14
 Concen: 63.255 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	12.0	8.2	12.4

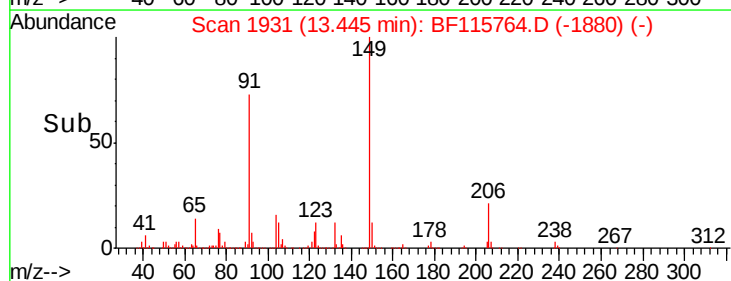
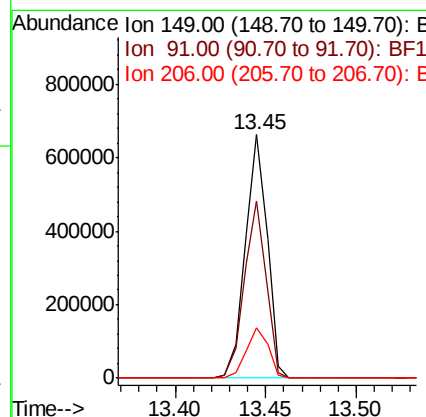
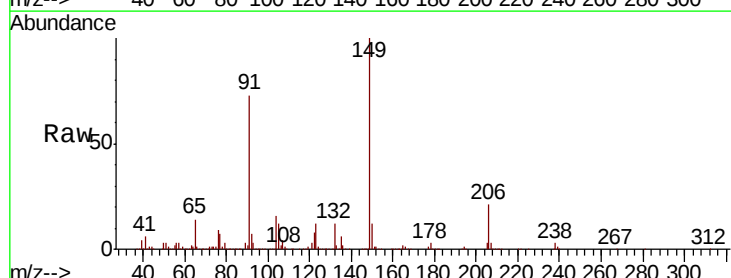
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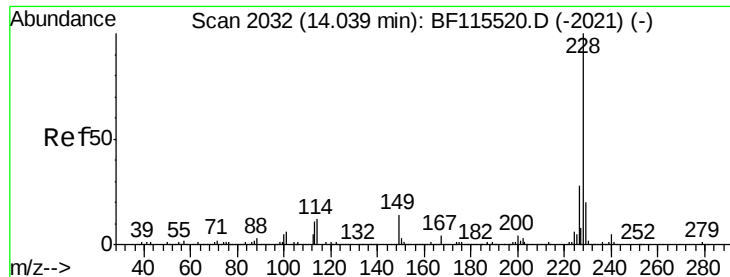
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.419 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.8	89.8
206	20.9	16.2	24.4





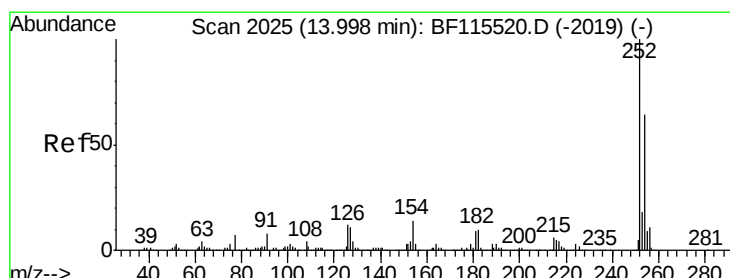
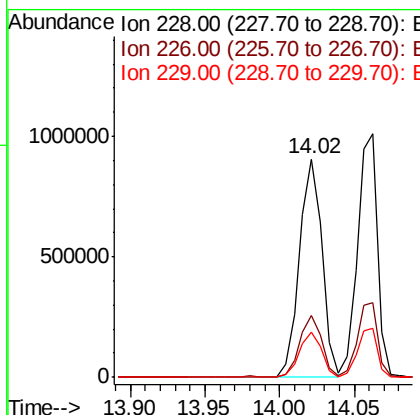
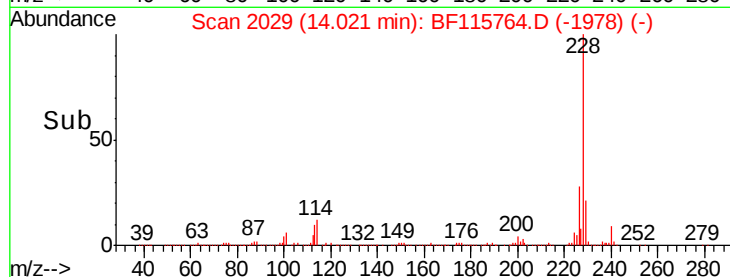
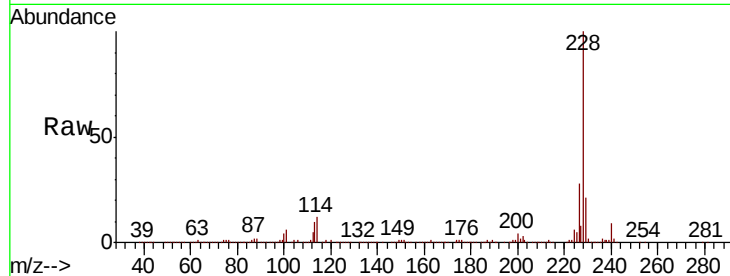
#81
Benzo(a)anthracene
Concen: 33.576 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampled :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.6	16.1	24.1

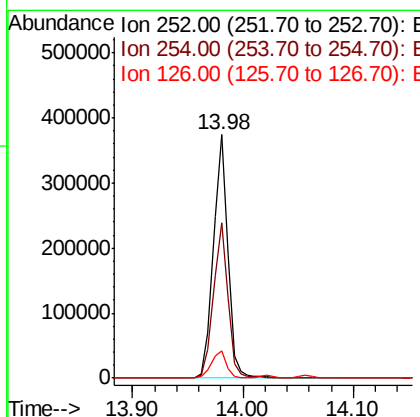
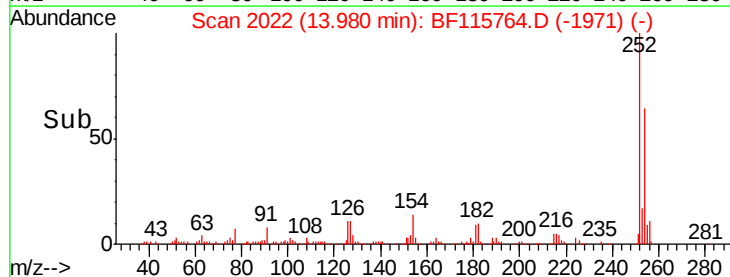
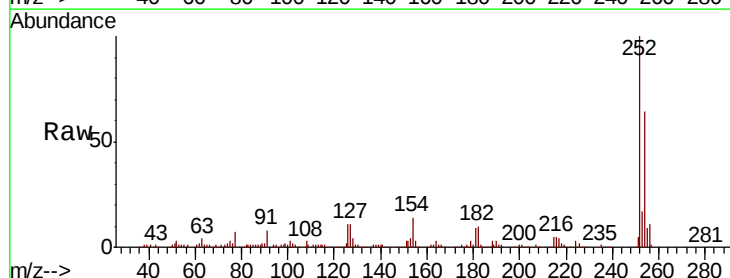
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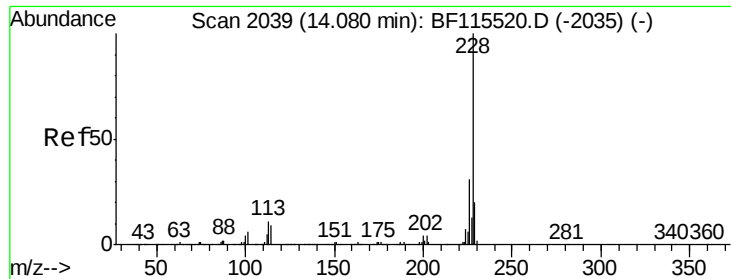
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.328 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.6	77.4
126	11.4	9.9	14.9





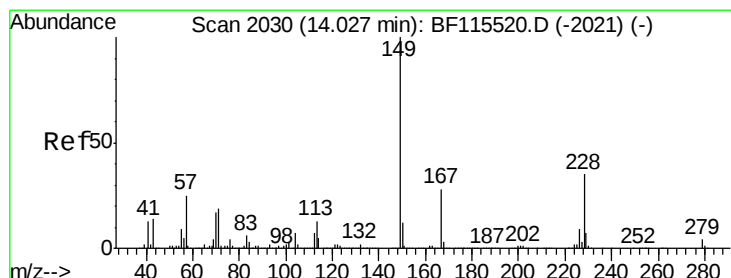
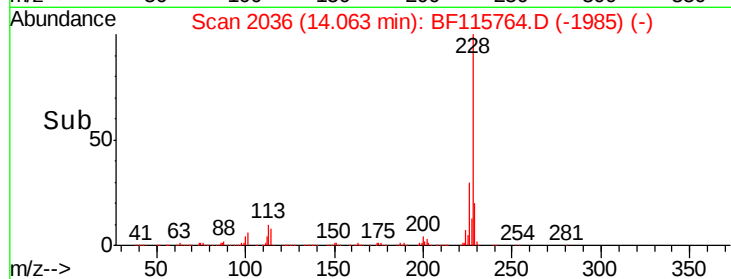
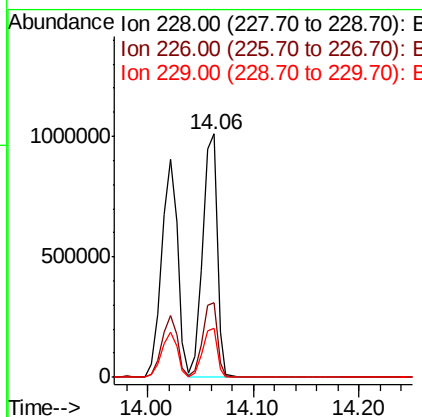
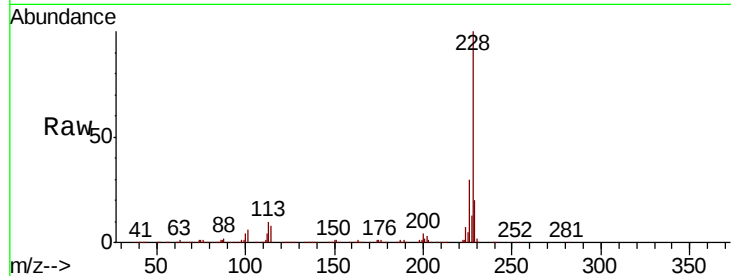
#83
Chrysene
Concen: 33.437 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampled :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.4
229	20.0	16.2	24.2

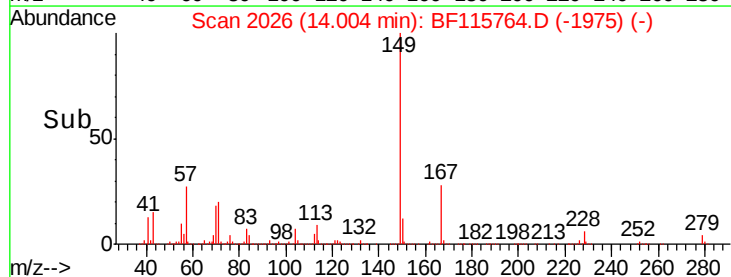
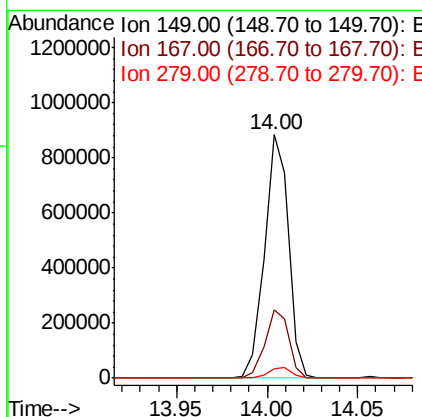
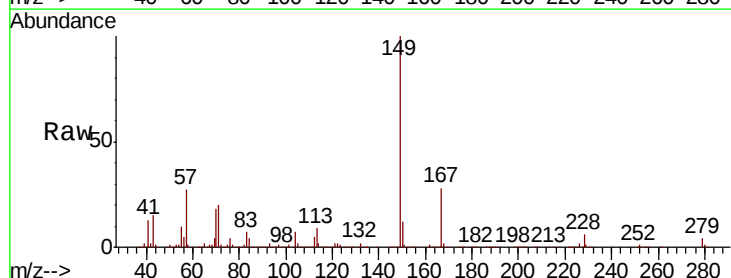
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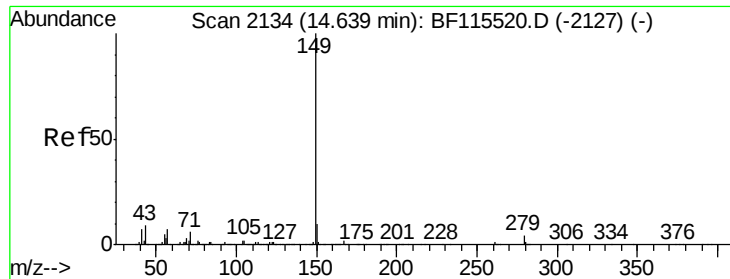
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.903 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 43.404 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

Tot Ion:149 Resp: 1336865

Ion Ratio Lower Upper

149 100

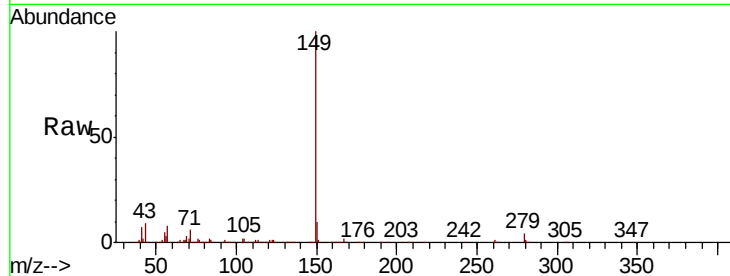
167 1.6 1.3 1.9

43 9.1 7.4 11.0

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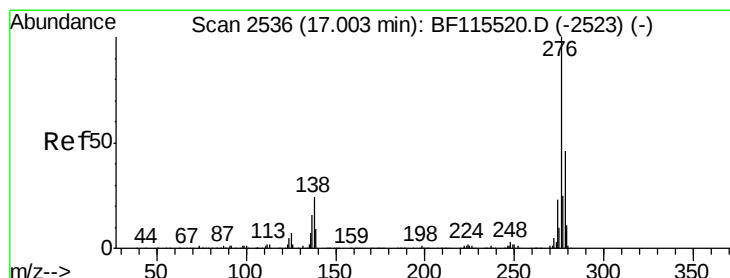
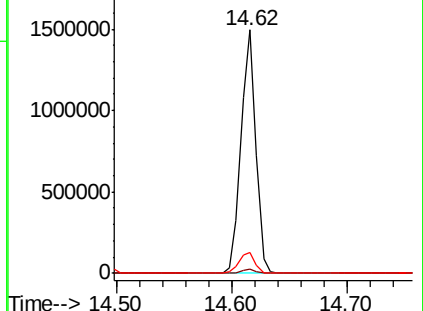
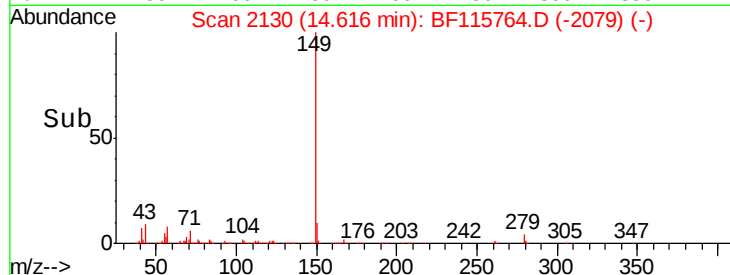
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.440 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

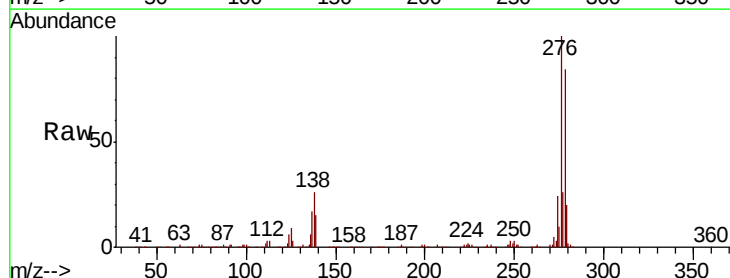
Tgt Ion:276 Resp: 958875

Ion Ratio Lower Upper

276 100

138 25.3 20.1 30.1

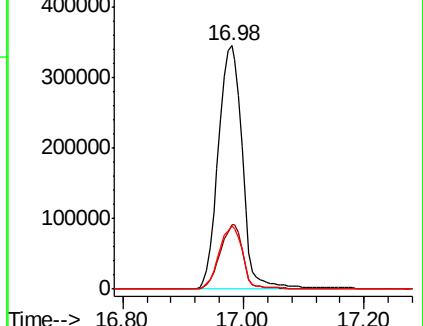
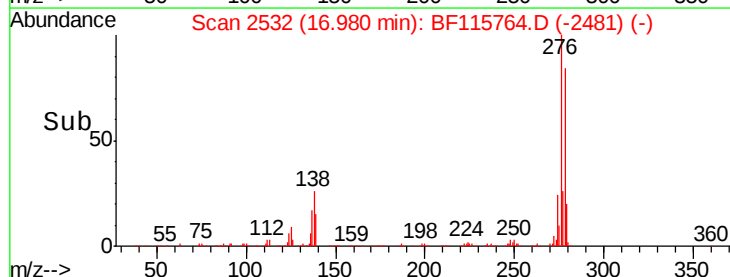
277 25.4 19.8 29.8

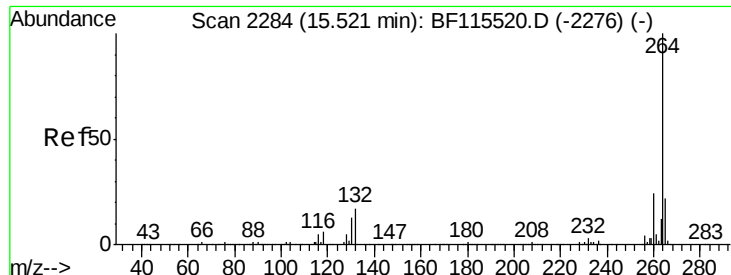


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





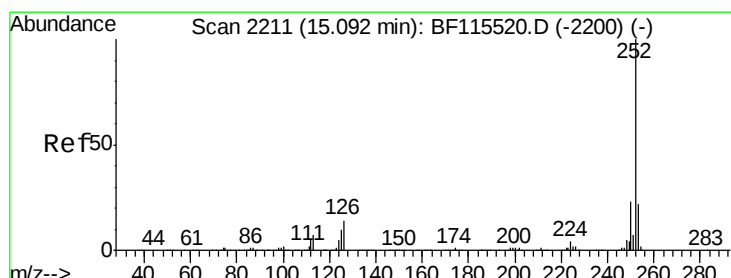
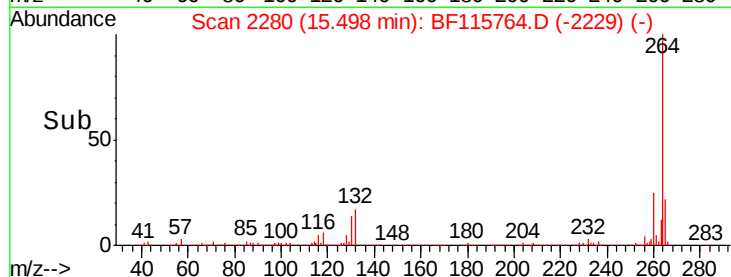
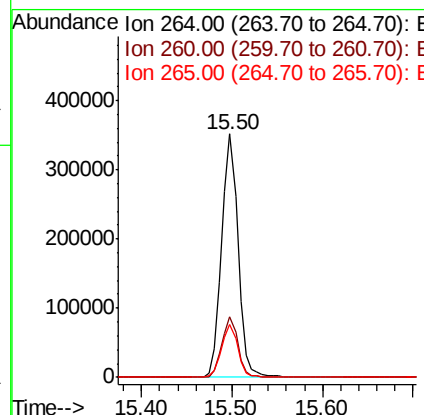
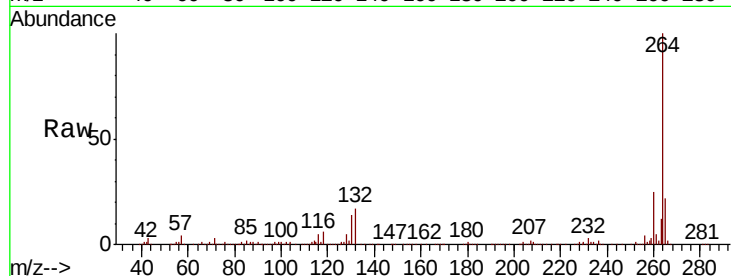
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.7	17.5	26.3

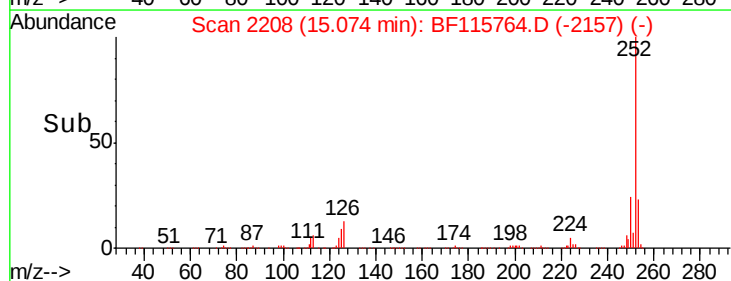
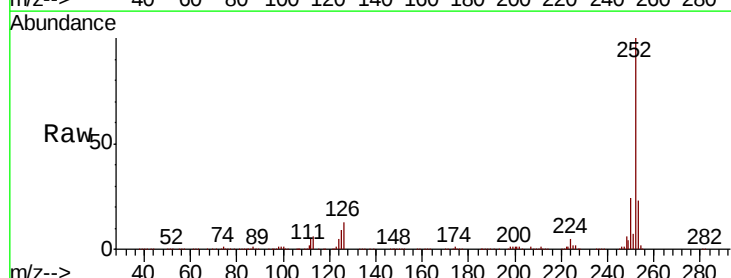
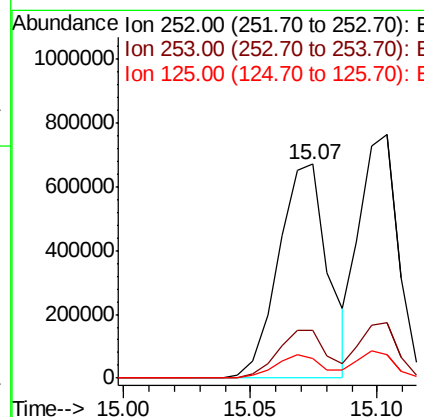
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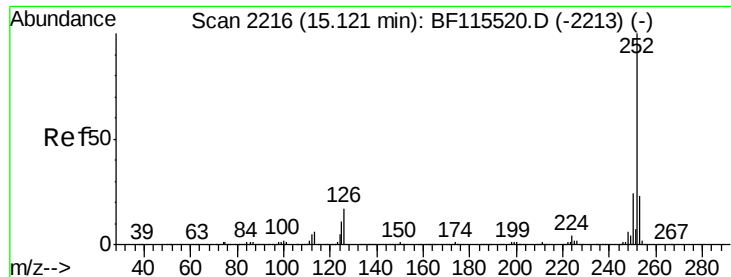
mohammad
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#88
Benzo(b)fluoranthene
Concen: 32.128 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.5	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 32.435 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

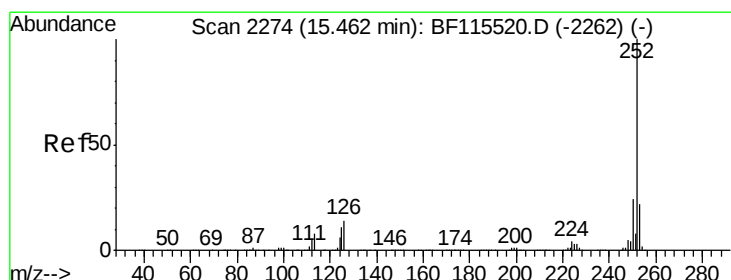
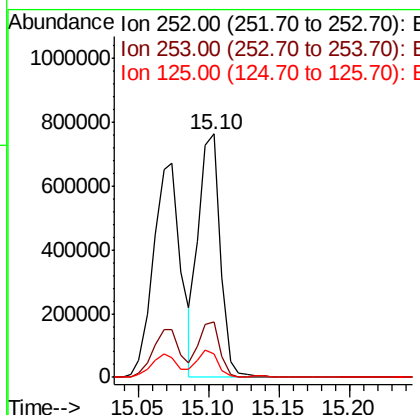
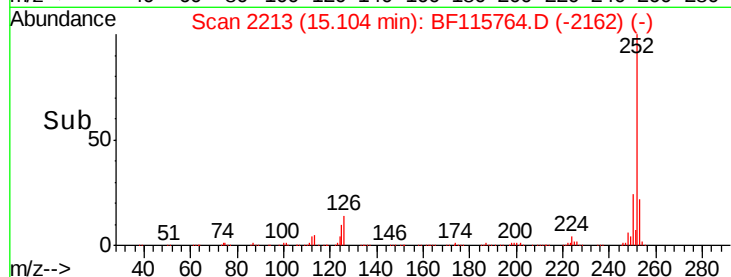
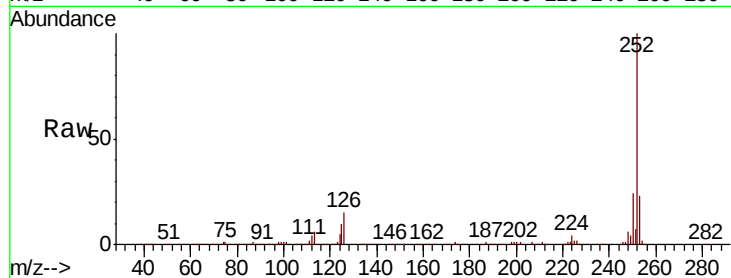
ClientSampled :

TP-1-BMSD

Tot Ion:	252	Resp:	818941
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	9.8	8.6	13.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 34.415 ng

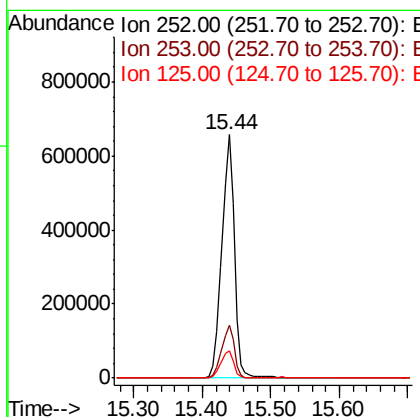
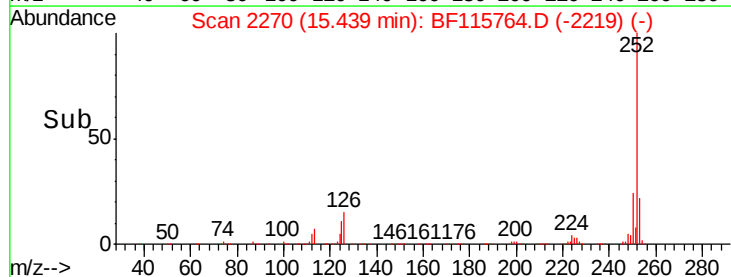
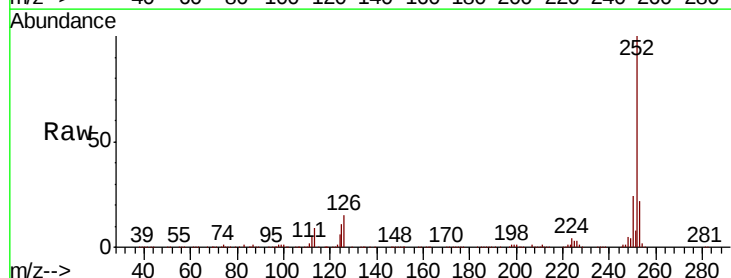
RT: 15.44 min Scan# 2270

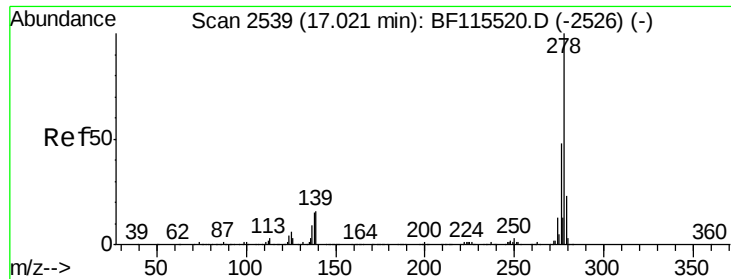
Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:	252	Resp:	837672
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	11.3	9.4	14.2





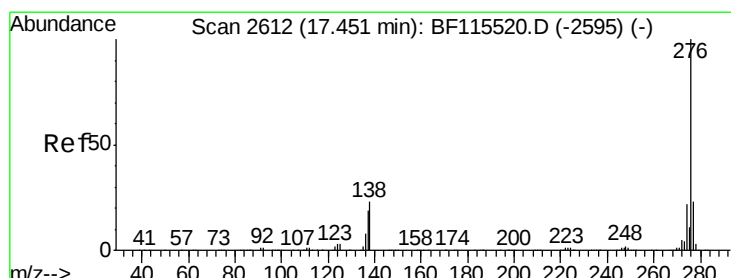
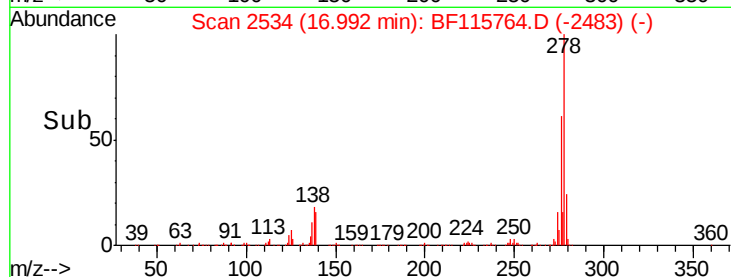
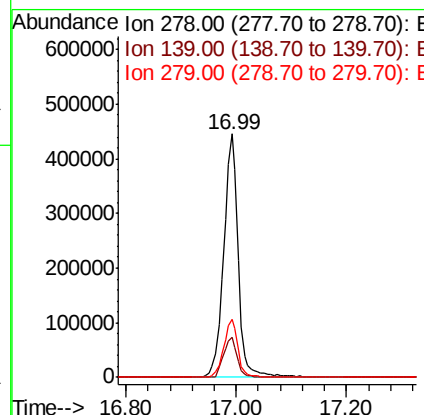
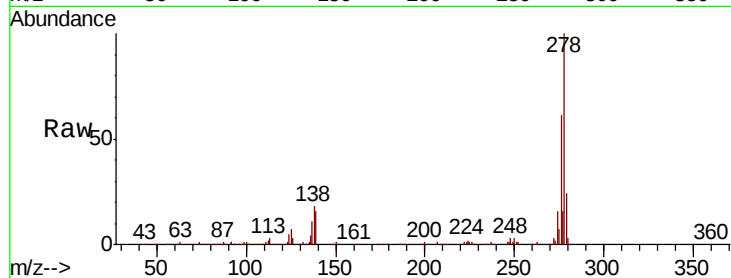
#91
Dibenzo(a,h)anthracene
Concen: 38.456 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.6	20.4
279	23.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 35.837 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	21.4	16.6	24.8

