

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115606.D
 Acq On : 16 Jul 2019 19:18
 Operator : HP/JU
 Sample : K3830-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1873MSD

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:06:30 PM

Quant Time: Jul 17 05:23:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160423	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630587	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303111	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	541449	20.00	ng	0.00
76) Chrysene-d12	14.04	240	324258	20.00	ng	0.00
87) Perylene-d12	15.51	264	422084	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1082080	110.33	ng	0.00
7) Phenol-d6	6.52	99	1495583	120.18	ng	0.00
23) Nitrobenzene-d5	7.45	82	919564	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	384796	108.76	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1547626	89.37	ng	-0.01
79) Terphenyl-d14	12.99	244	1406411	80.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	161431	32.998	ng	97
3) Pyridine	3.47	79	419993	31.643	ng	99
4) n-Nitrosodimethylamine	3.40	42	175126	36.370	ng	97
6) Aniline	6.55	93	348530	20.125	ng	97
8) 2-Chlorophenol	6.67	128	427886	37.947	ng	98
9) Benzaldehyde	6.43	77	216127	27.791	ng	97
10) Phenol	6.53	94	536678	37.149	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	413019	37.551	ng	98
12) 1,3-Dichlorobenzene	6.83	146	452228	35.671	ng	99
13) 1,4-Dichlorobenzene	6.90	146	457613	36.177	ng	97
14) 1,2-Dichlorobenzene	7.06	146	424884	36.745	ng	97
15) Benzyl Alcohol	7.02	79	374369	37.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	547687	37.822	ng	96
17) 2-Methylphenol	7.13	107	362712	37.326	ng	98
18) Hexachloroethane	7.40	117	161057	34.304	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	292226	36.005	ng	96
20) 3+4-Methylphenols	7.29	107	428285	37.105	ng	# 83
22) Acetophenone	7.29	105	574915	40.357	ng	# 98
24) Nitrobenzene	7.46	77	455603	38.950	ng	98
25) Isophorone	7.70	82	837326	38.586	ng	99
26) 2-Nitrophenol	7.78	139	229779	38.165	ng	97
27) 2,4-Dimethylphenol	7.82	122	372651	41.367	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	513823	38.596	ng	99
29) 2,4-Dichlorophenol	8.02	162	361148	38.548	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	397753	37.559	ng	99
31) Naphthalene	8.19	128	1211772	39.679	ng	97
32) Benzoic acid	7.87	122	15144	2.048	ng	# 83
33) 4-Chloroaniline	8.23	127	201344	14.884	ng	99
34) Hexachlorobutadiene	8.31	225	217534	35.820	ng	99
35) Caprolactam	8.59	113	112630m	38.905	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382991	39.410	ng	98
37) 2-Methylnaphthalene	8.88	142	802435	39.639	ng	98
38) 1-Methylnaphthalene	8.98	142	767922	39.937	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	365392	40.031	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	205252	39.420	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	255777	38.318	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	271989	39.788	nq	98
46) 1,1'-Biphenyl	9.35	154	975086	41.148	nq	97
47) 2-Chloronaphthalene	9.37	162	764004	38.720	nq	97
48) 2-Nitroaniline	9.46	65	240782	39.426	nq	98
49) Acenaphthylene	9.78	152	1204078	41.183	nq	98
50) Dimethylphthalate	9.64	163	1161262	50.921	nq	100
51) 2,6-Dinitrotoluene	9.70	165	201970	38.971	nq	97
52) Acenaphthene	9.96	154	697095	36.930	nq	99
53) 3-Nitroaniline	9.86	138	153688	25.950	nq	100
54) 2,4-Dinitrophenol	9.97	184	34433	12.941	nq	# 58
55) Dibenzofuran	10.13	168	1032204	38.506	nq	99
56) 4-Nitrophenol	10.03	139	318051	70.425	nq	97
57) 2,4-Dinitrotoluene	10.10	165	261475	38.943	nq	92
58) Fluorene	10.47	166	760323	39.676	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	211604	37.029	nq	99
60) Diethylphthalate	10.34	149	853417	39.940	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	394684	37.140	nq	95
62) 4-Nitroaniline	10.48	138	190779	33.582	nq	99
63) Azobenzene	10.62	77	862060	41.594	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	60578	18.312	nq	95
66) n-Nitrosodiphenylamine	10.57	169	709164	42.106	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	240514	38.871	nq	96
68) Hexachlorobenzene	11.02	284	257272	36.409	nq	95
69) Atrazine	11.10	200	228976	41.441	nq	100
70) Pentachlorophenol	11.21	266	263144	60.888	nq	99
71) Phenanthrene	11.43	178	1254479	45.200	nq	97
72) Anthracene	11.48	178	1132872	39.496	nq	100
73) Carbazole	11.63	167	976291	38.815	nq	98
74) Di-n-butylphthalate	11.96	149	1185187	38.254	nq	99
75) Fluoranthene	12.62	202	1365016	46.542	nq	99
77) Benzidine	12.73	184	412194	35.884	nq	99
78) Pyrene	12.84	202	1292685	47.054	nq	98
80) Butylbenzylphthalate	13.46	149	429162	36.645	nq	94
81) Benzo(a)anthracene	14.03	228	968076	45.317	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	258492	34.038	nq	98
83) Chrysene	14.07	228	1002472	46.747	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	599007	41.292	nq	98
85) Di-n-octyl phthalate	14.63	149	1051076	45.538	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	954324	52.381	nq	99
88) Benzo(b)fluoranthene	15.09	252	1096545	40.346	nq	100
89) Benzo(k)fluoranthene	15.12	252	937199	38.677	nq	99
90) Benzo(a)pyrene	15.46	252	983614	42.107	nq	100
91) Dibenzo(a,h)anthracene	17.01	278	714881	34.859	nq	99
92) Benzo(g,h,i)perylene	17.44	276	760523	37.184	nq	98

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



#1

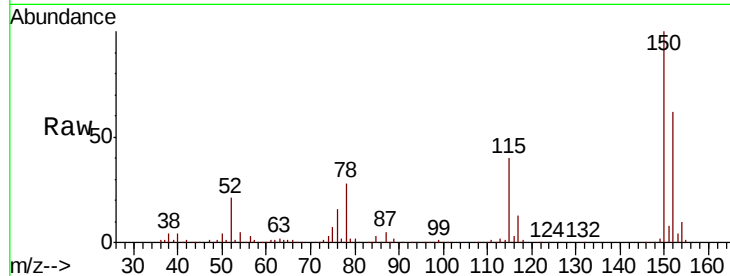
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	129.7	194.5
115	64.1	48.2	72.4

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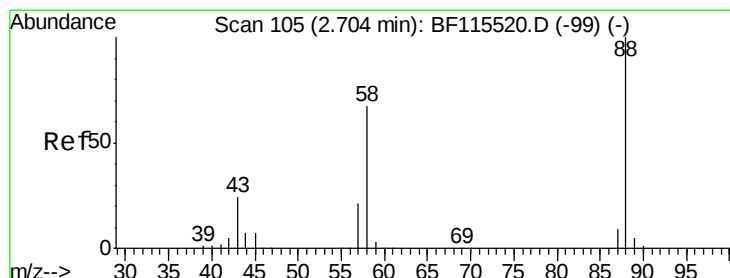
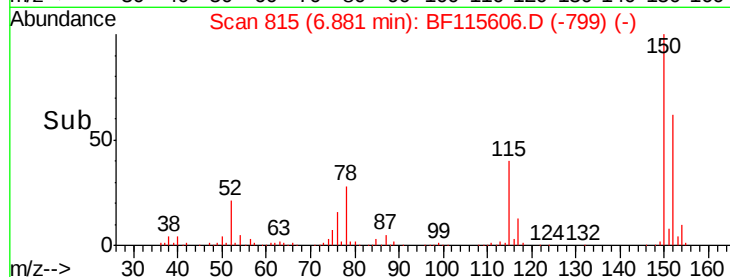
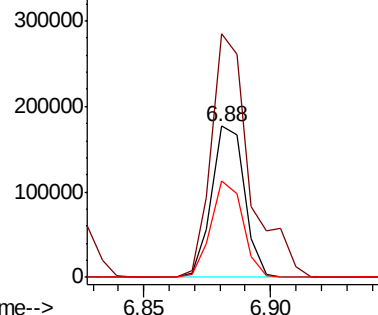


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

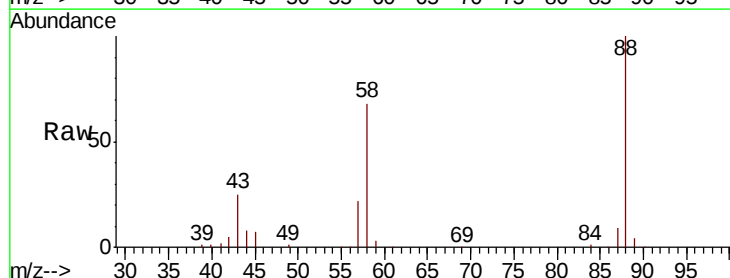
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.998 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	52.6	79.0
43	25.1	19.1	28.7

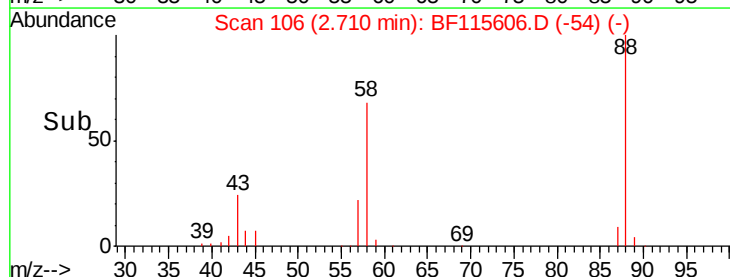
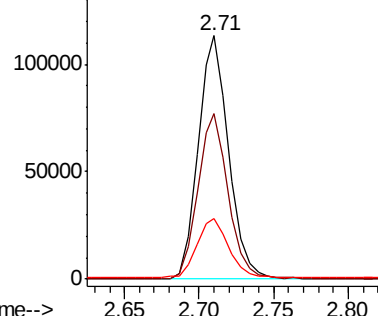


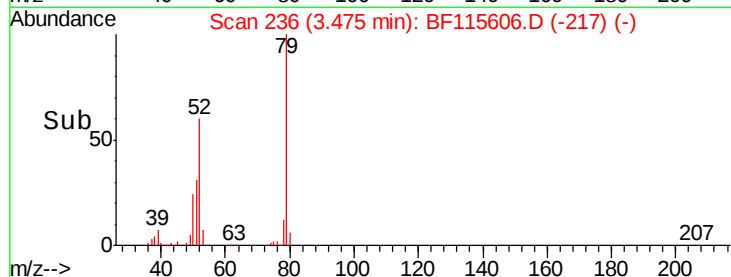
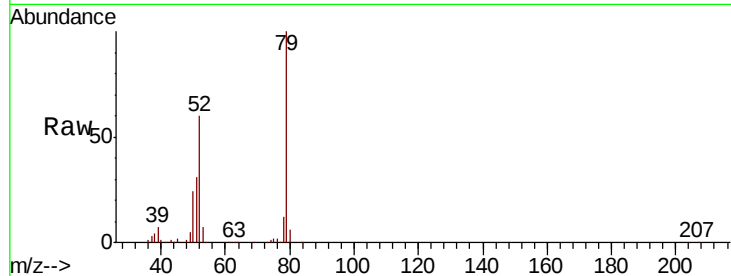
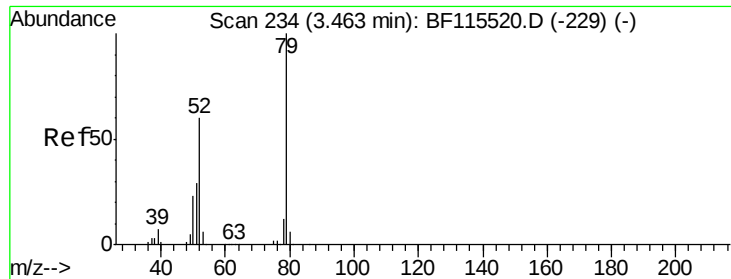
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





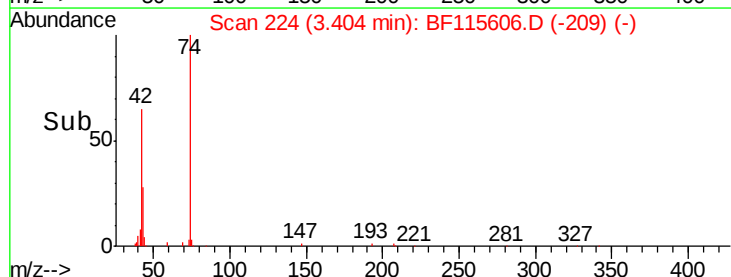
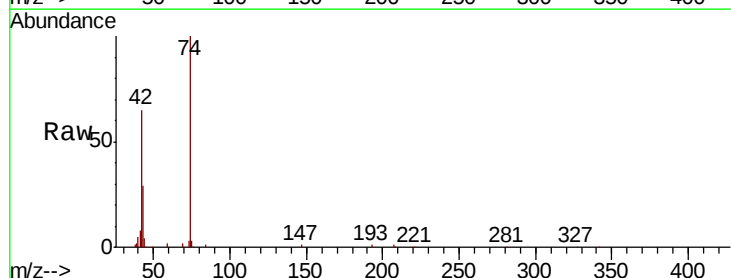
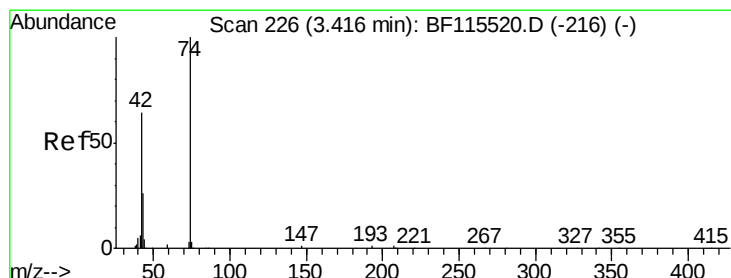
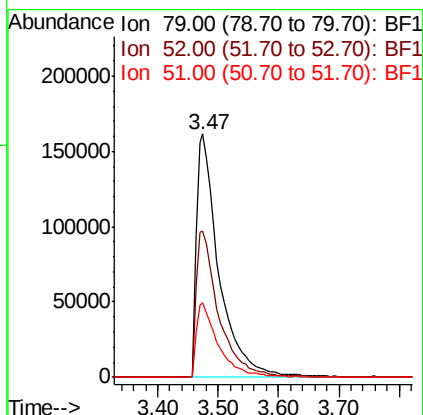
#3
 Pvridine
 Concen: 31.643 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.4	47.8	71.6
51	30.6	23.8	35.8

Instrument :
 BNA_F
 ClientSampleId :
 RT-1873MSD

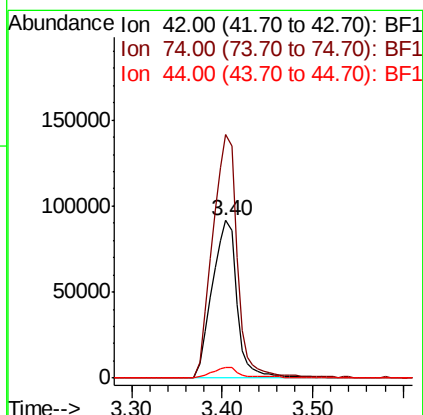
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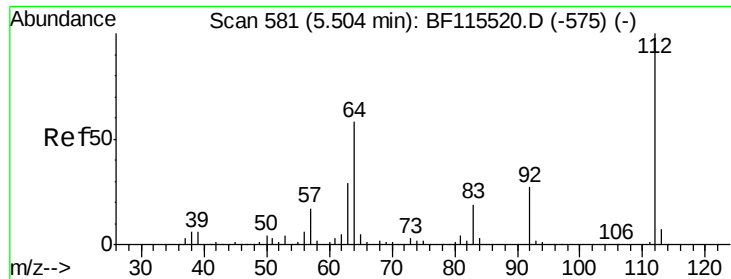
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#4
 n-Nitrosodimethylamine
 Concen: 36.370 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.9	127.5	191.3
44	6.9	5.0	7.6





#5

2-Fluorophenol

Concen: 110.331 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

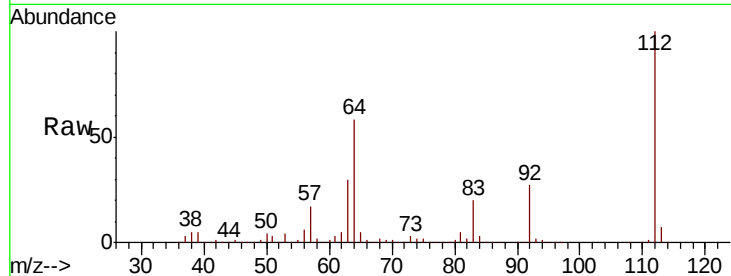
ClientSampleId :

RT-1873MSD

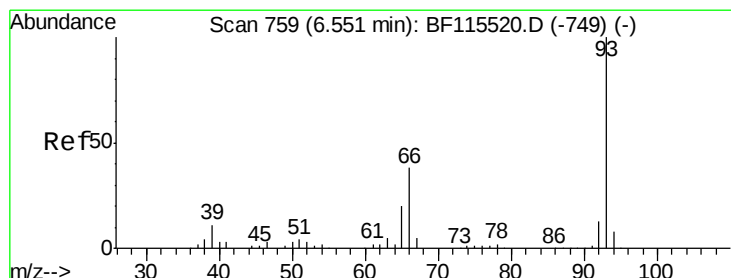
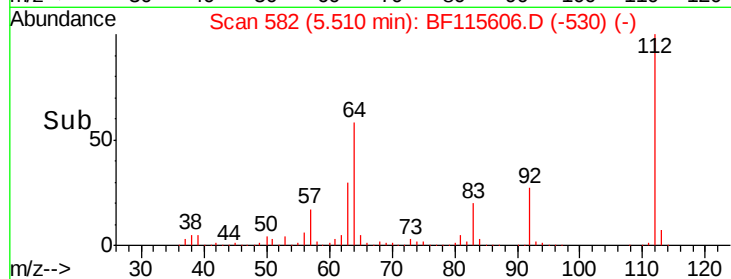
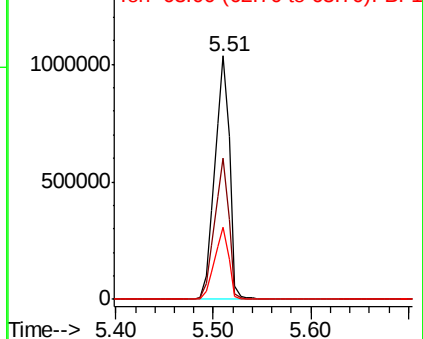
Tot Ion:	112	Resp:	1082080
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.8	70.2
63	29.6	24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.125 ng

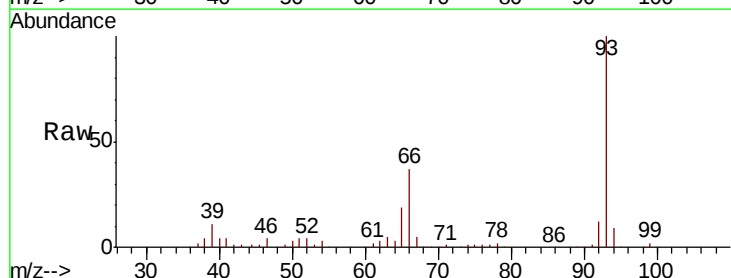
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

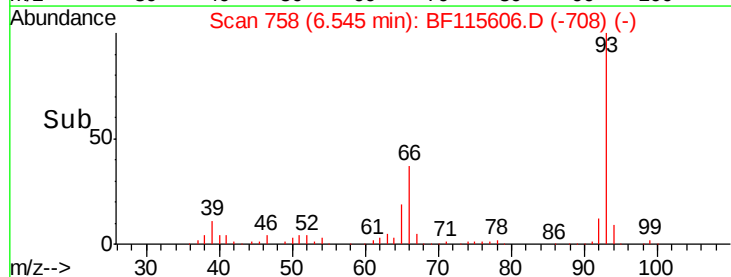
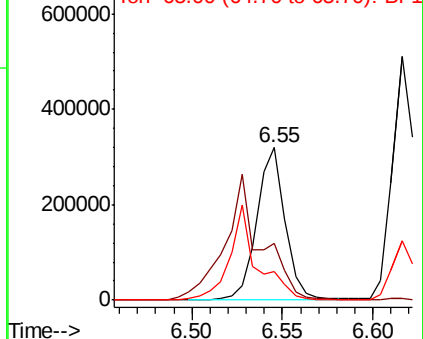
Lab File: BF115606.D

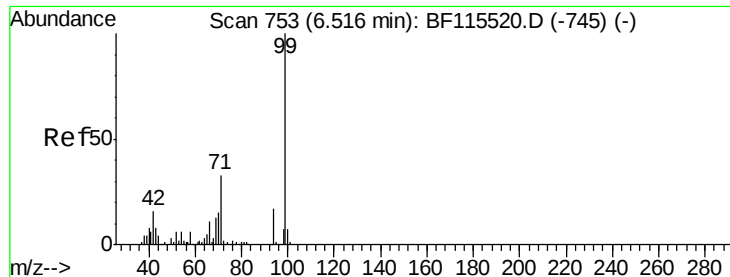
Acq: 16 Jul 2019 19:18

Tgt Ion:	93	Resp:	348530
Ion	Ratio	Lower	Upper
93	100		
66	37.4	31.7	47.5
65	19.2	16.2	24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.179 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

RT-1873MSD

Tot Ion: 99 Resp: 1495583

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

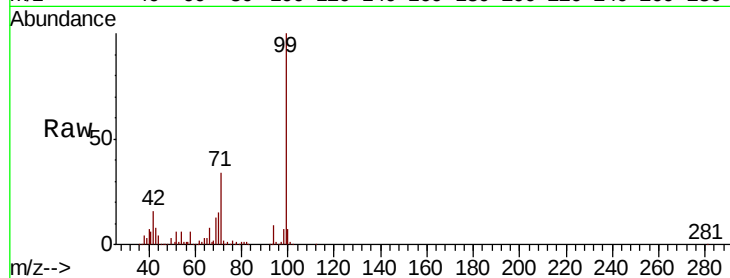
71 33.6 28.5 42.7

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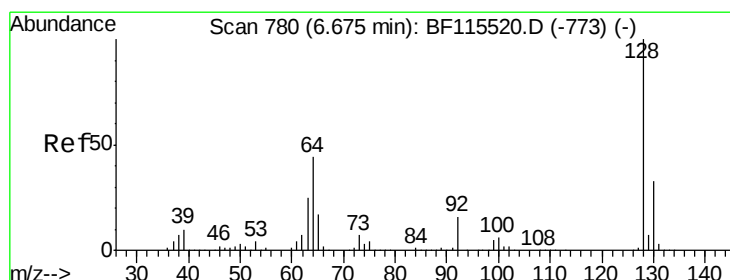
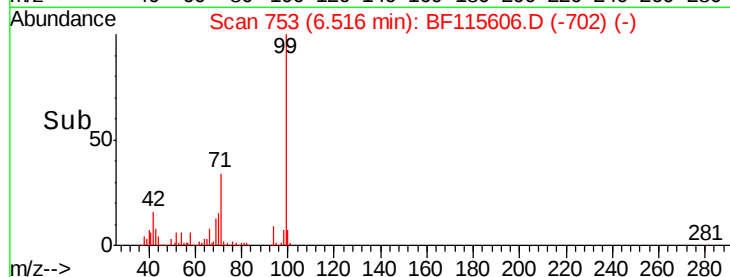
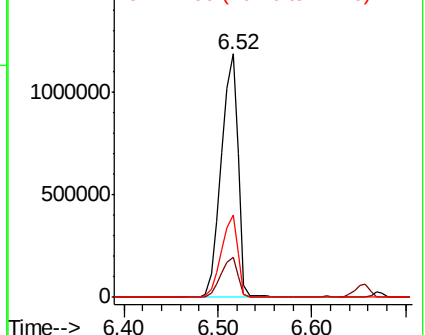
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.947 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

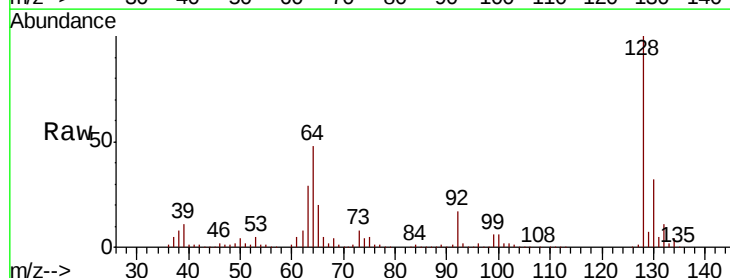
Tgt Ion: 128 Resp: 427886

Ion Ratio Lower Upper

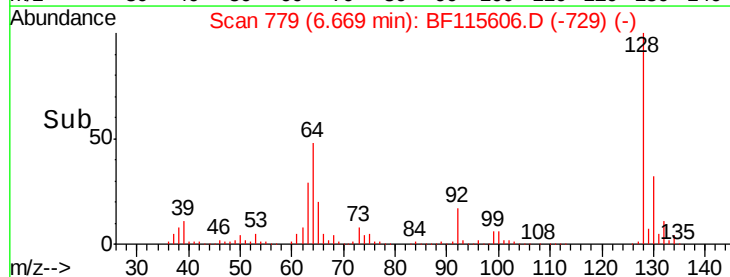
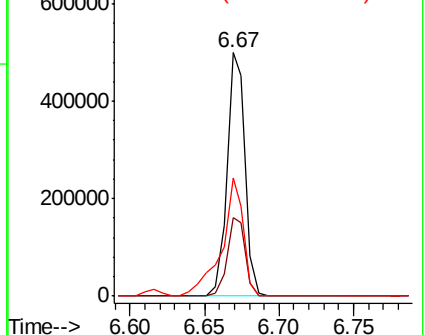
128 100

130 32.3 12.8 52.8

64 48.5 26.8 66.8



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: 27.791 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

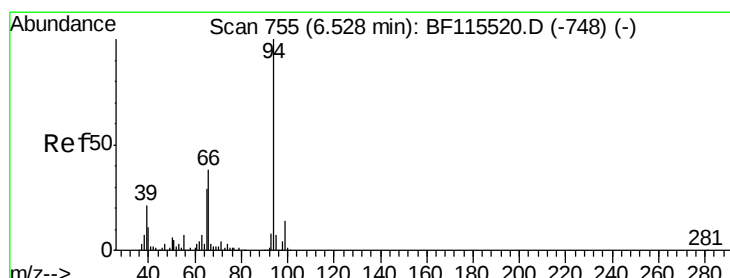
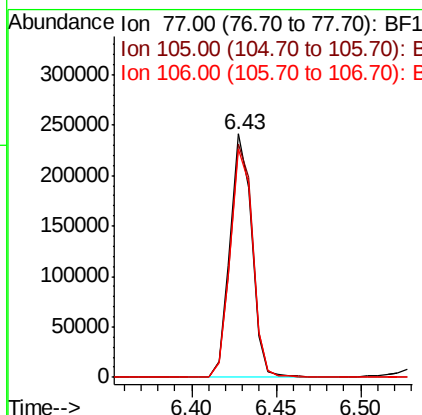
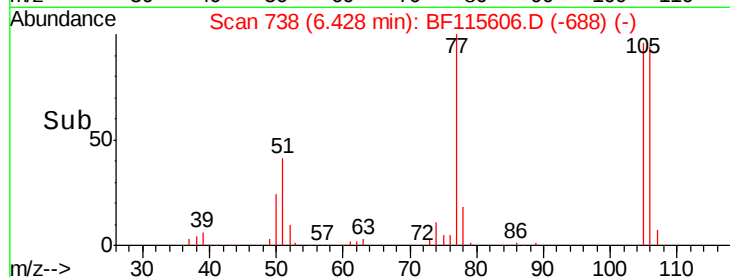
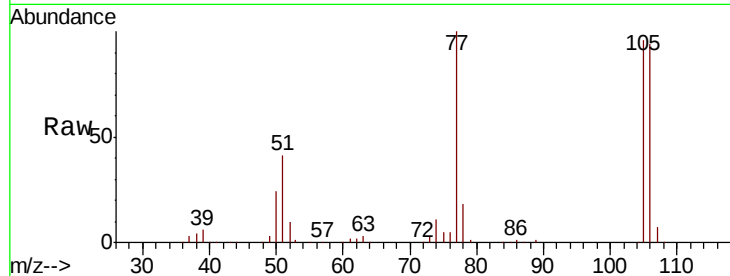
ClientSampleId :

RT-1873MSD

Tot Ion:	77	Resp:	216127
Ion Ratio	Lower	Upper	
77	100		
105	95.7	78.8	118.8
106	93.8	75.6	115.6

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#10

Phenol

Concen: 37.149 ng

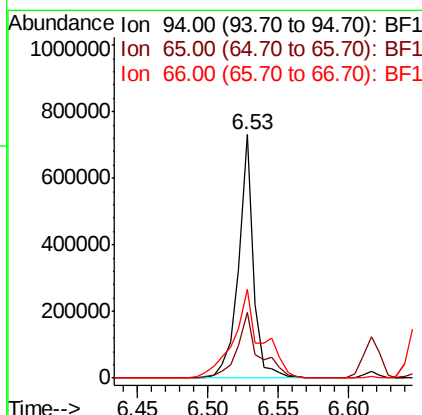
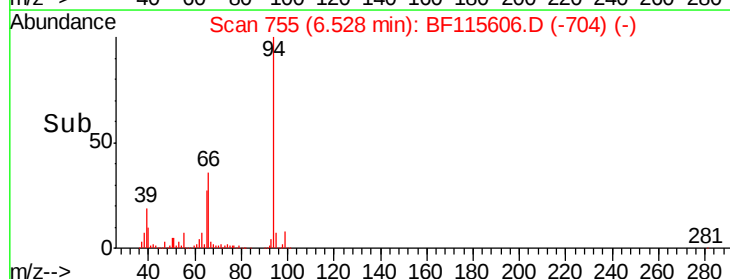
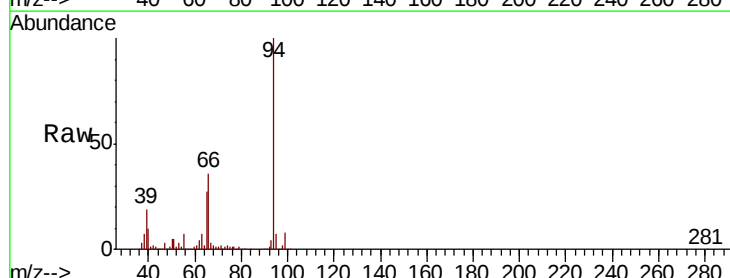
RT: 6.53 min Scan# 755

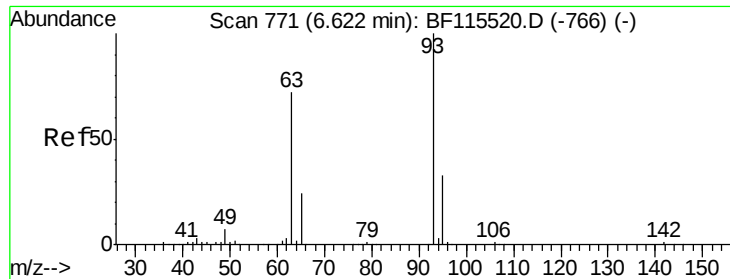
Delta R.T. -0.00 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:	94	Resp:	536678
Ion Ratio	Lower	Upper	
94	100		
65	27.2	14.5	54.5
66	36.2	31.3	71.3





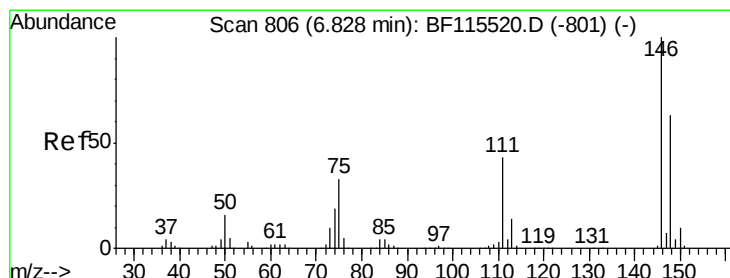
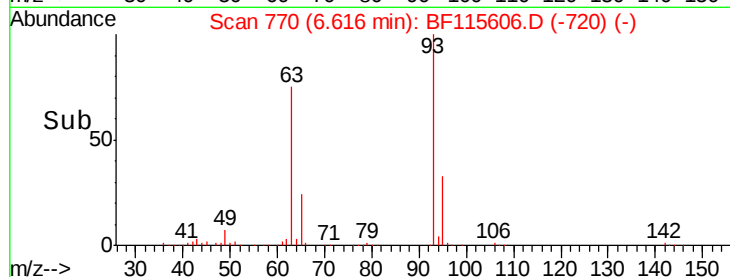
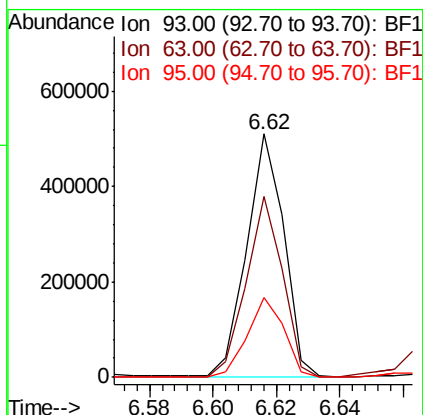
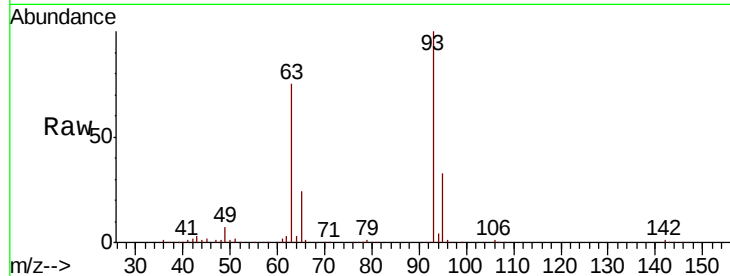
#11
bis(2-Chloroethyl)ether
Concen: 37.551 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion:	93	Resp:	413019
Ion	Ratio	Lower	Upper
93	100		
63	74.5	52.2	92.2
95	32.7	12.9	52.9

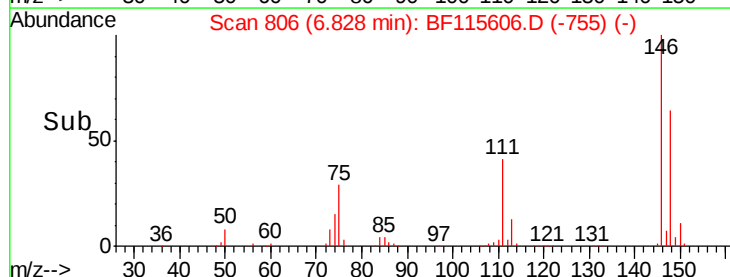
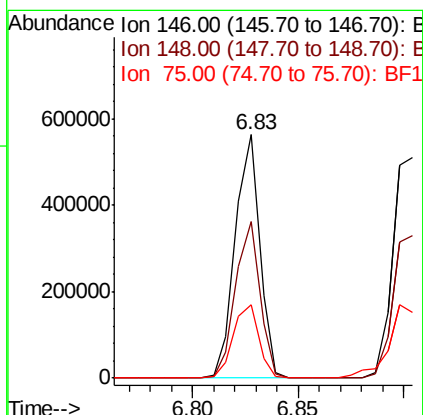
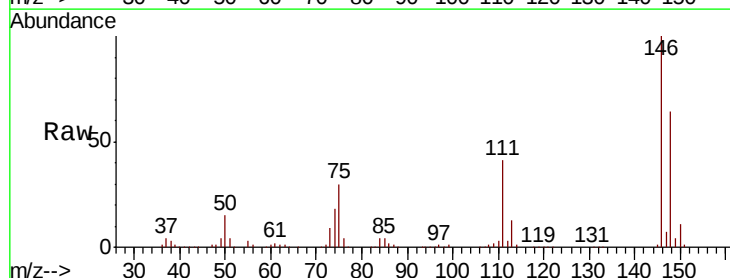
Manual Integrations
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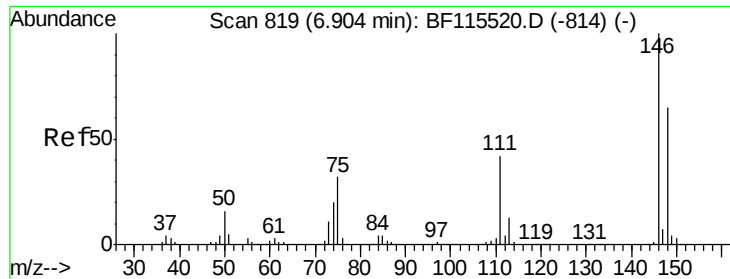
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.671 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:	146	Resp:	452228
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	30.1	24.9	37.3





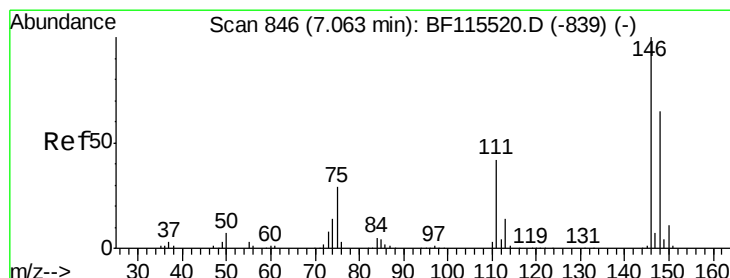
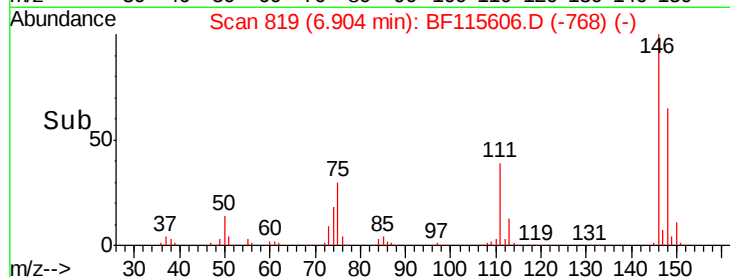
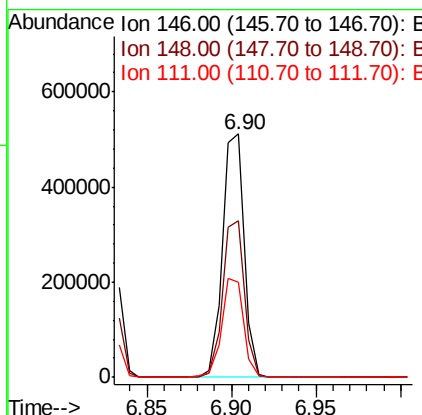
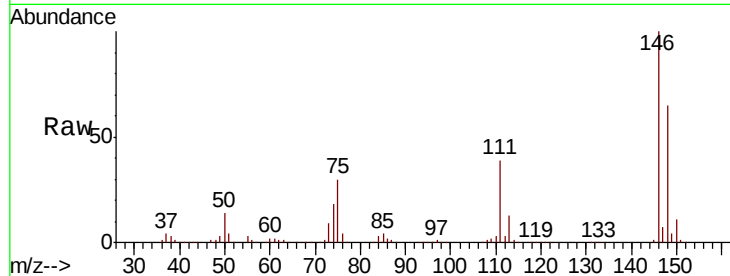
#13
1,4-Dichlorobenzene
Concen: 36.177 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	39.0	35.5	53.3

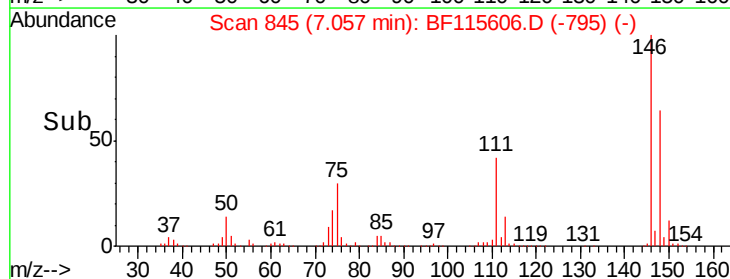
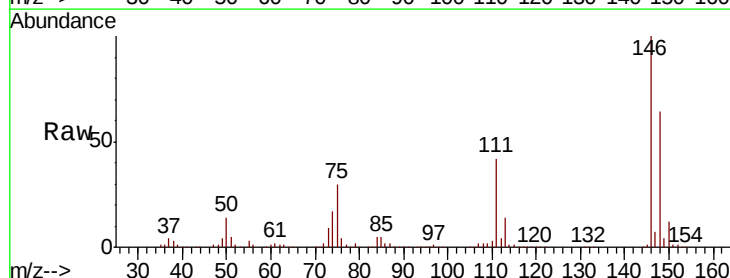
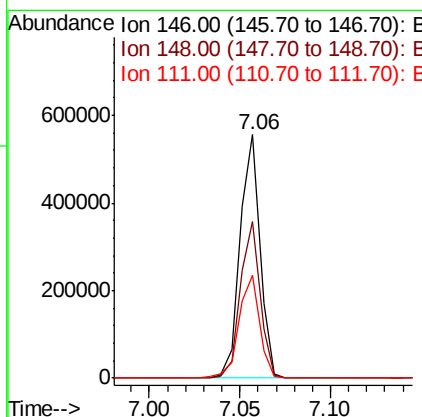
Manual Integrations
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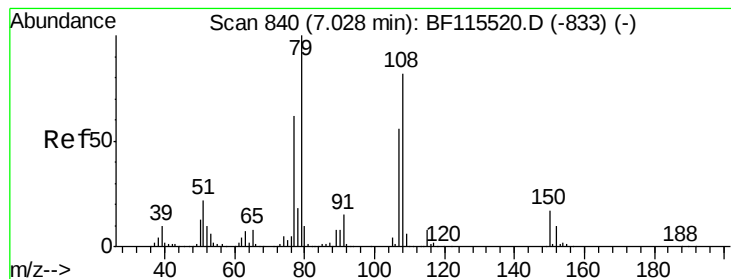
mohammad
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#14
1,2-Dichlorobenzene
Concen: 36.745 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	42.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.922 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

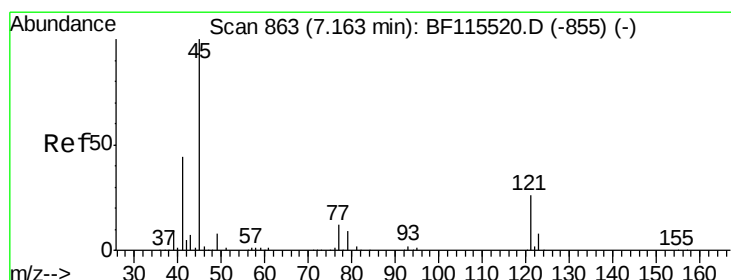
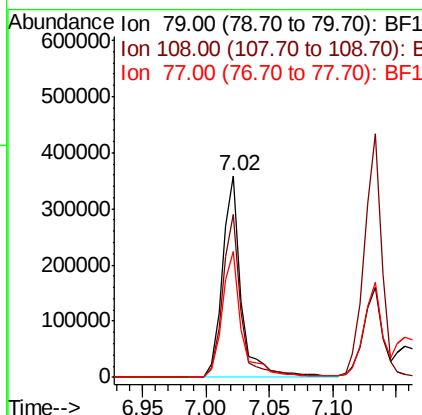
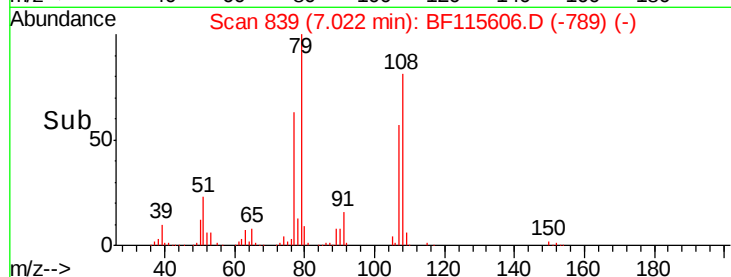
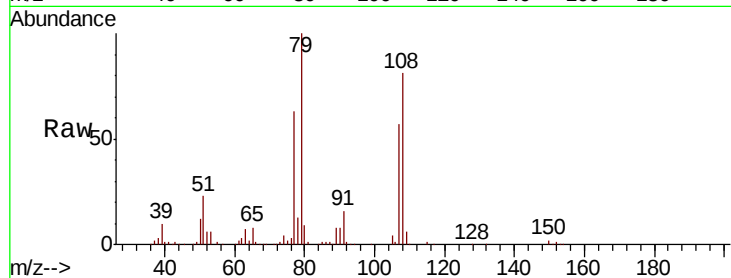
ClientSampleId :

RT-1873MSD

Tot Ion:	79	Resp:	374369
Ion Ratio	Lower	Upper	
79	100		
108	80.9	64.2	96.4
77	62.5	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.822 ng

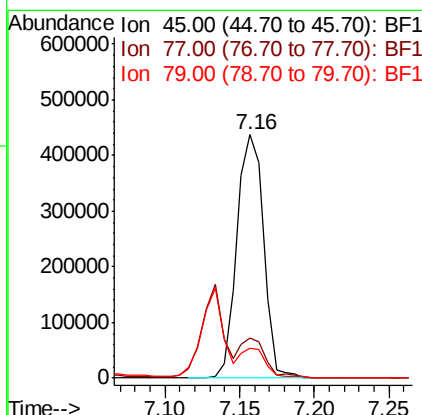
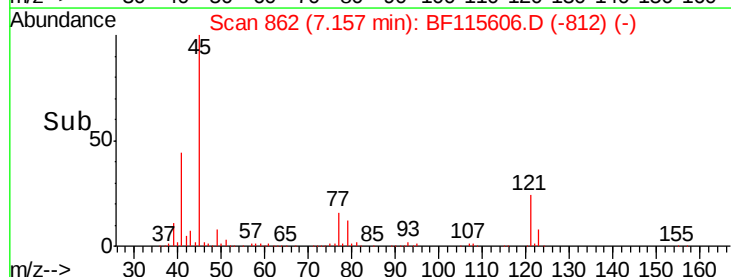
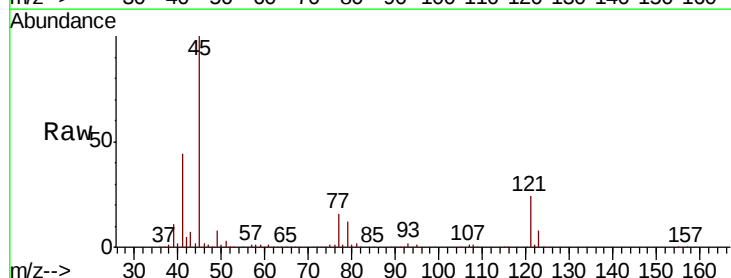
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:	45	Resp:	547687
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	38.1
79	12.4	0.0	34.1





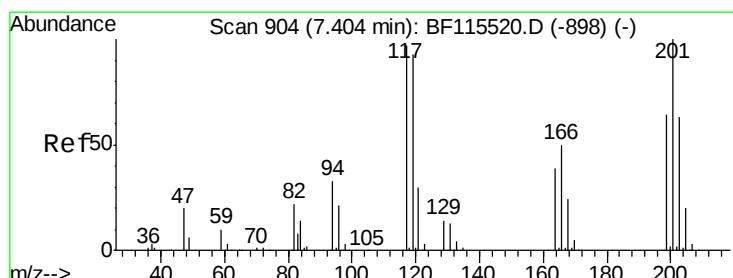
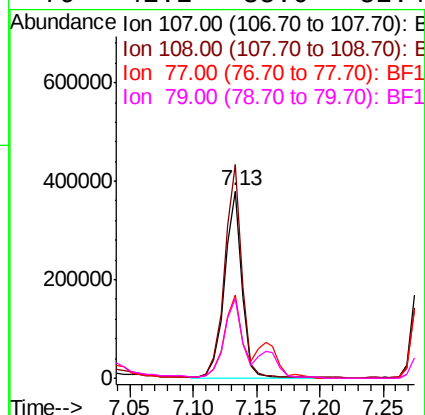
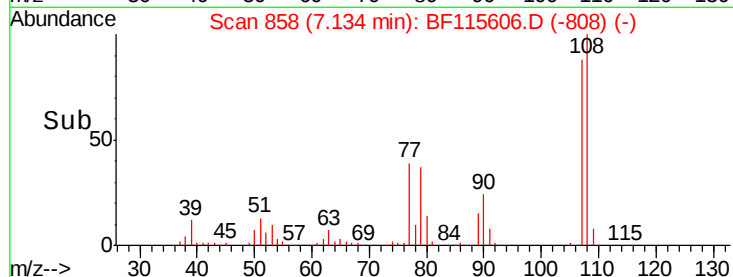
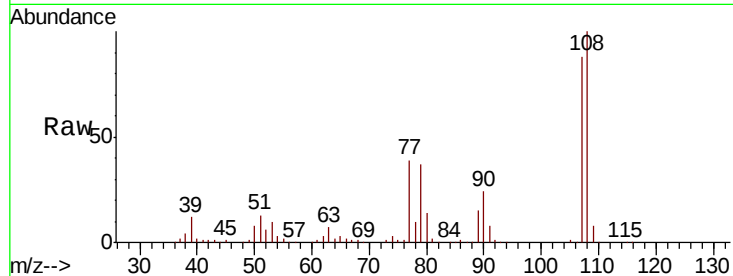
#17
2-Methylphenol
Concen: 37.326 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	89.4	134.2	
77	44.4	35.7	53.5	
79	42.2	35.0	52.4	

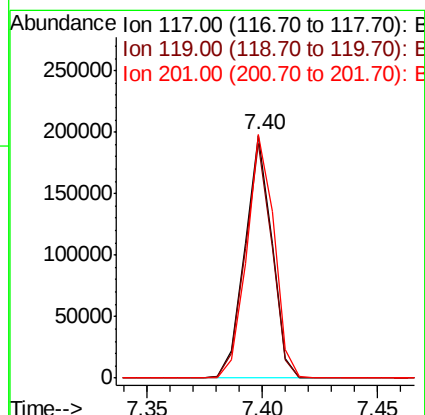
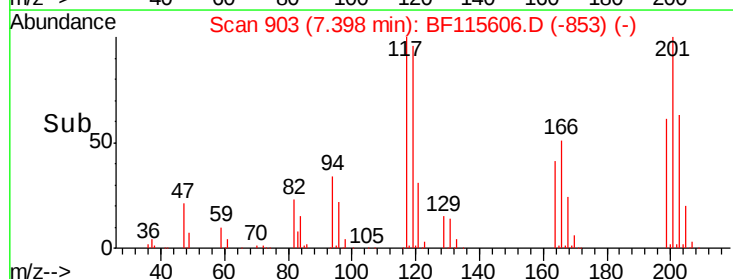
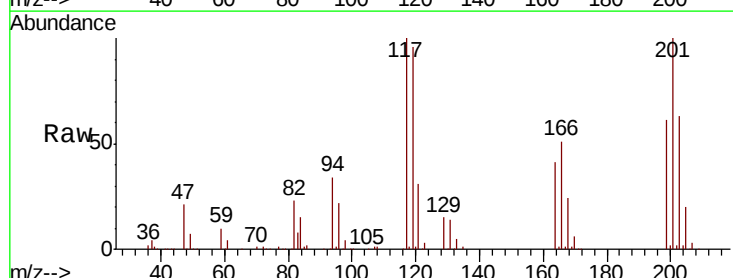
Manual Integrations
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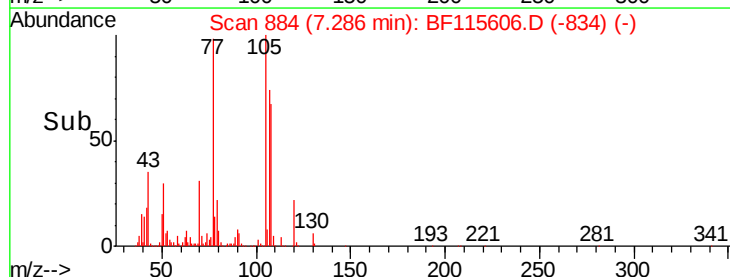
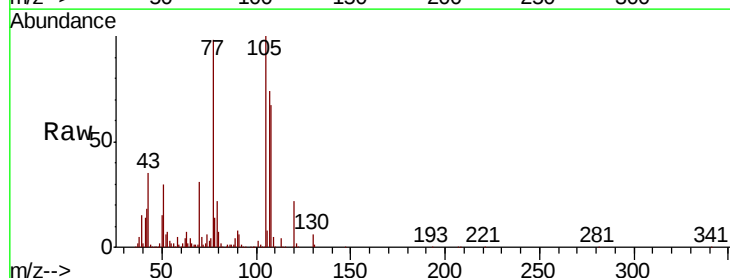
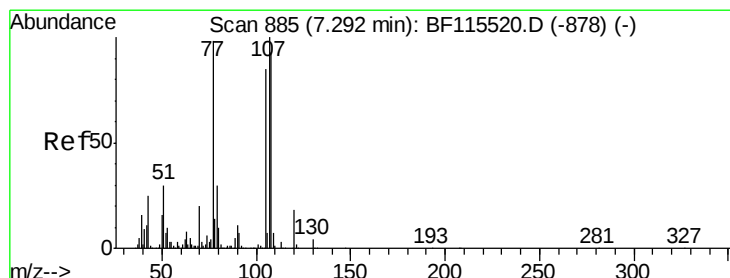
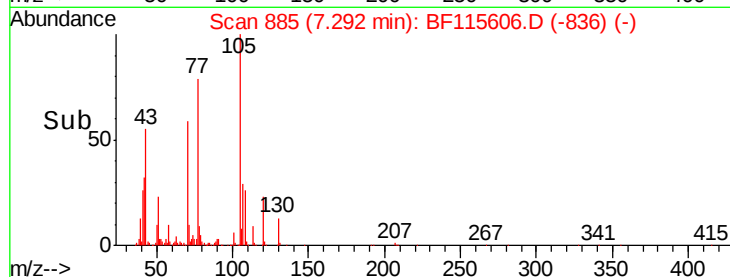
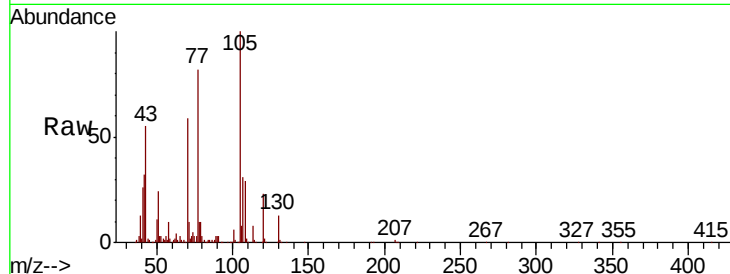
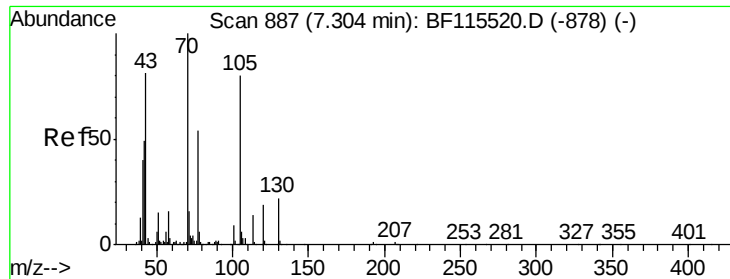
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#18
Hexachloroethane
Concen: 34.304 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.7	116.5	
201	100.3	86.0	129.0	





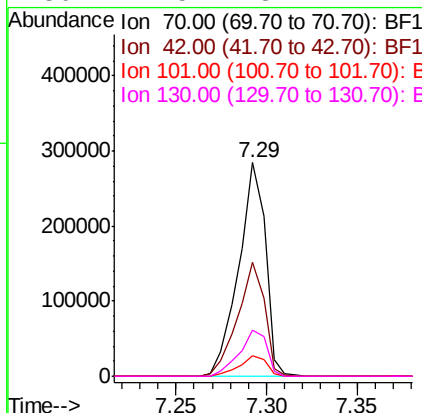
#19
n-Nitroso-di-n-propylamine
Concen: 36.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.3	39.6	59.4		
101	9.9	8.1	12.1		
130	21.5	18.2	27.2		

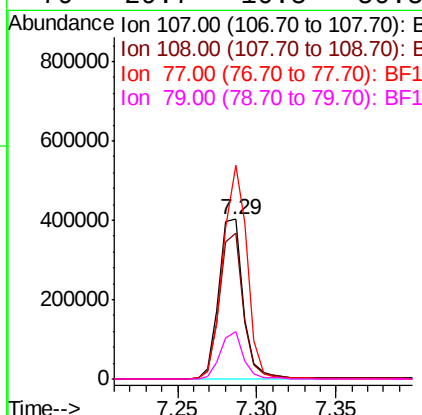
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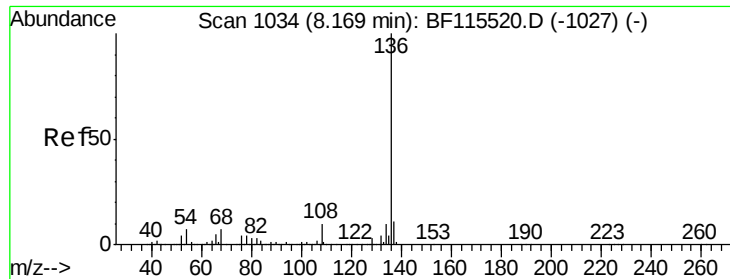
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#20
3+4-Methylphenols
Concen: 37.105 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	72.9	112.9		
77	133.7	77.6	117.6#		
79	29.7	10.5	50.5		





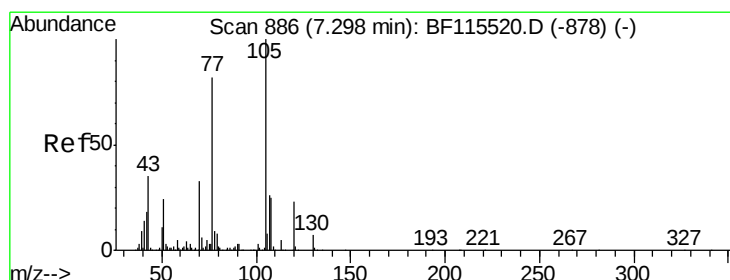
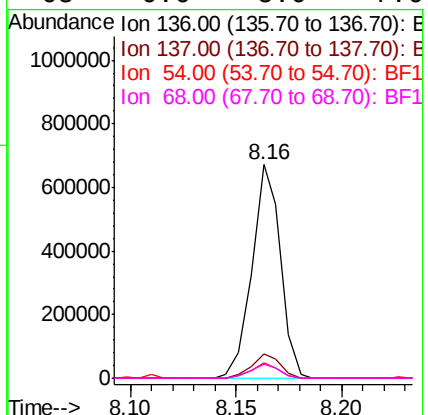
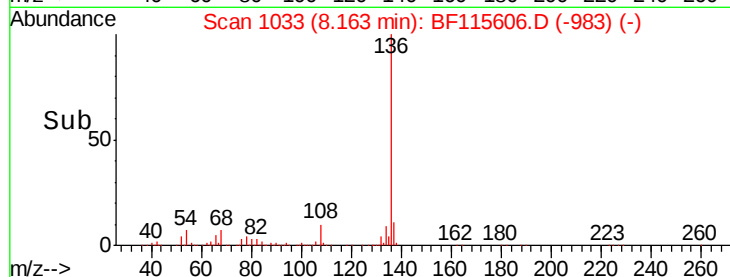
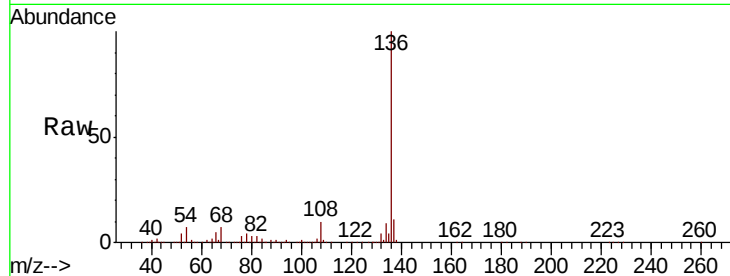
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.4	
54	7.2	5.6	8.4	
68	6.6	5.0	7.6	

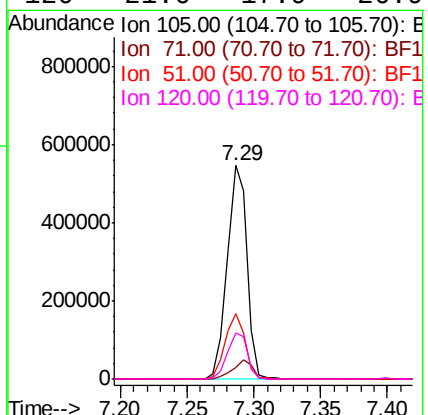
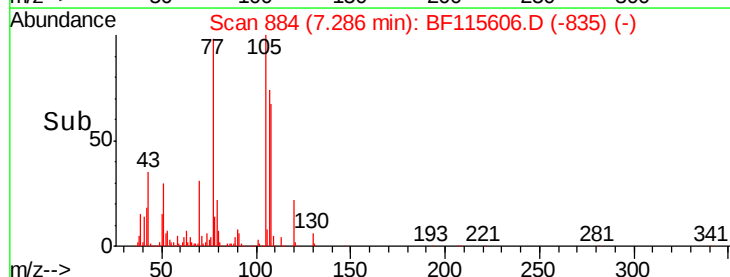
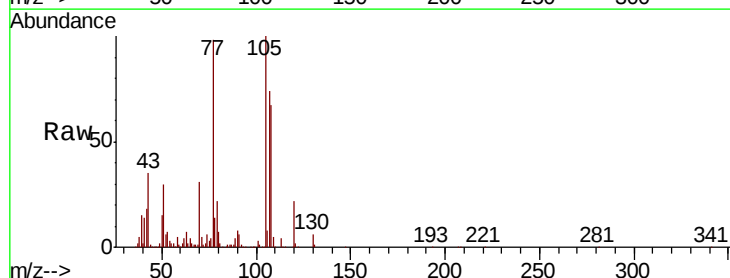
Manual Integrations
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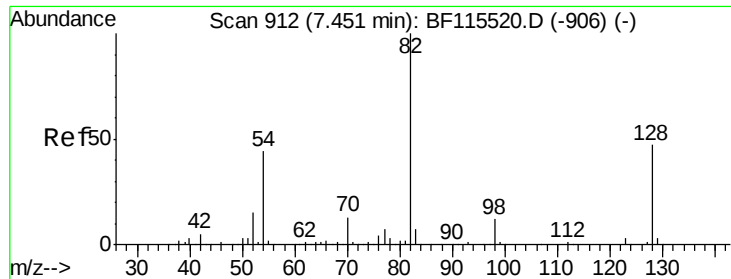
mohammad
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#22
Acetophenone
Concen: 40.357 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	3.5	5.3#	
51	30.5	25.6	38.4	
120	21.6	17.9	26.9	





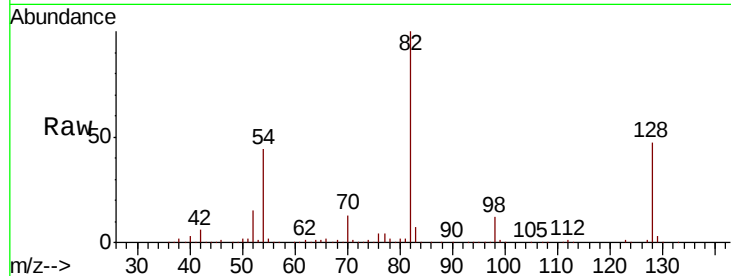
#23
Nitrobenzene-d5
Concen: 84.793 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :
RT-1873MSD

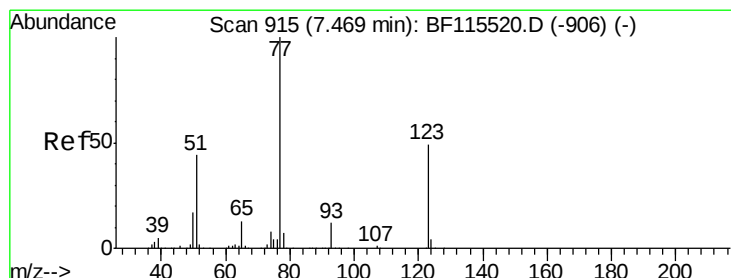
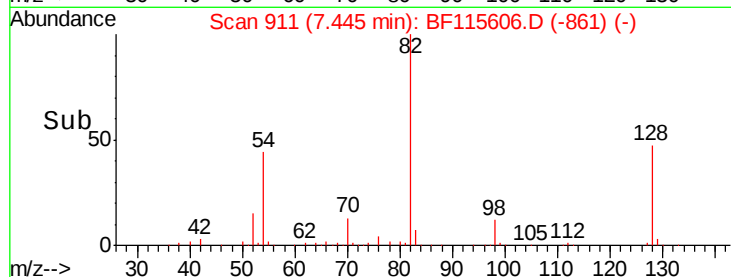
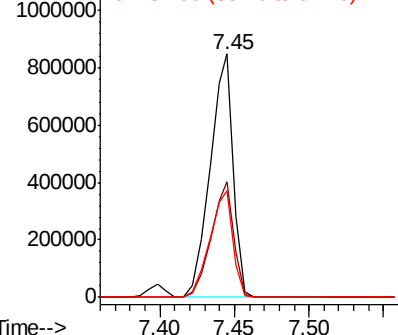
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.6	57.8
54	43.7	35.6	53.4

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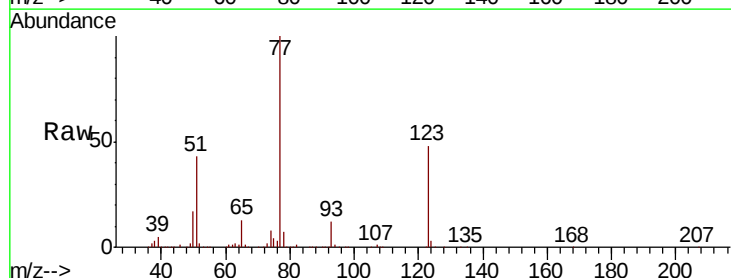


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

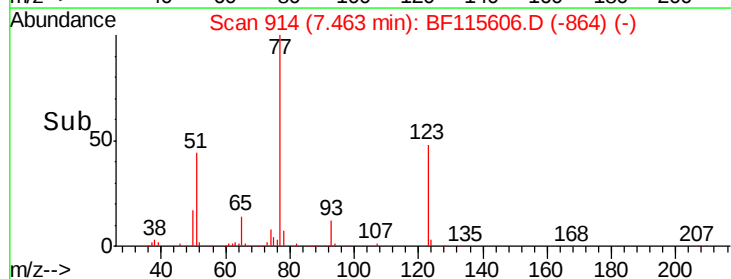
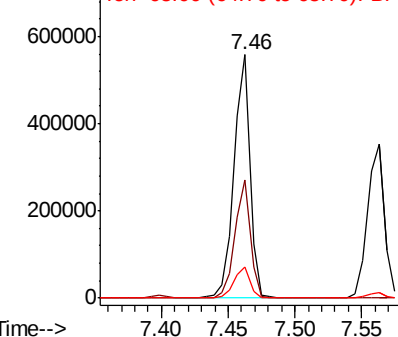


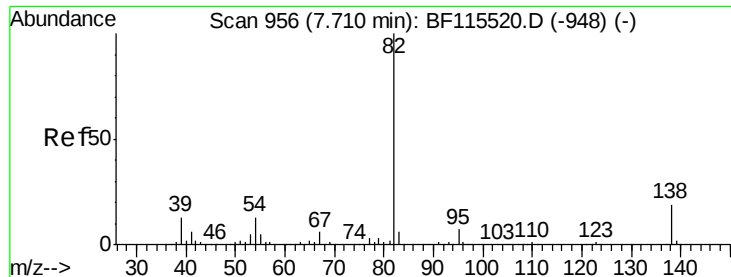
#24
Nitrobenzene
Concen: 38.950 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	40.0	60.0
65	13.0	11.0	16.4



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





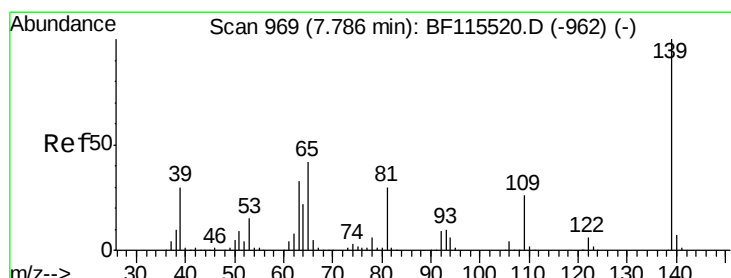
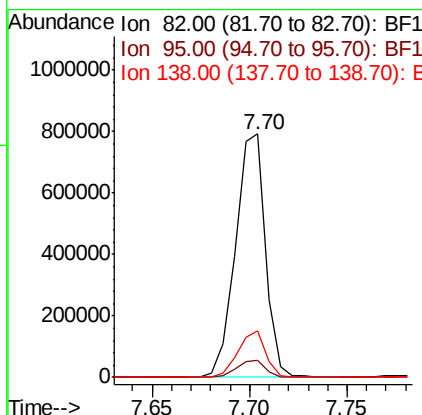
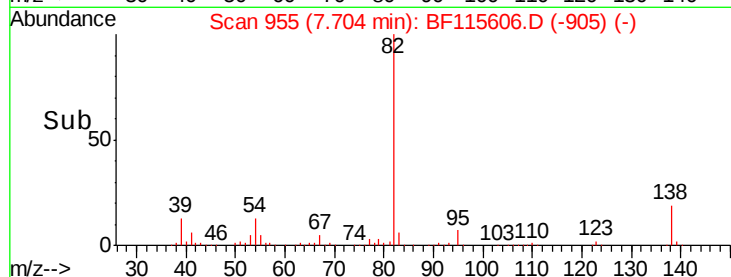
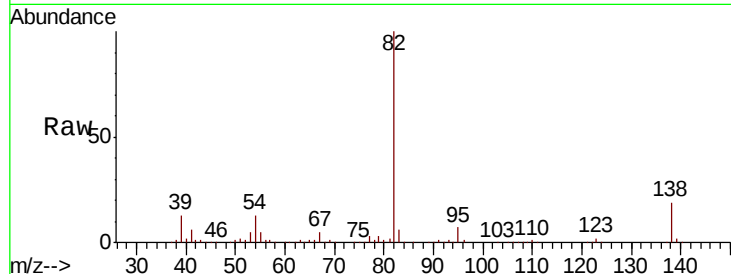
#25
Isophorone
Concen: 38.586 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleID :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.5	8.3	
138	19.2	14.9	22.3	

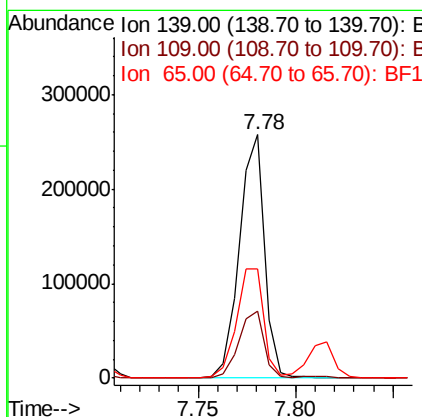
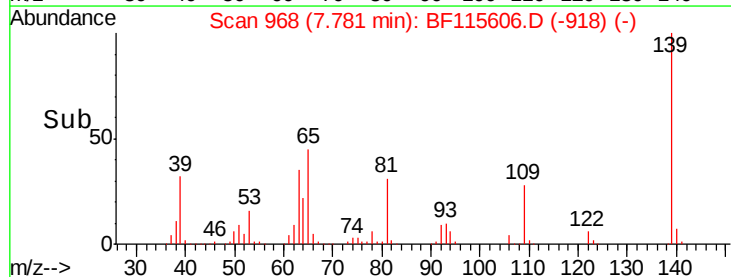
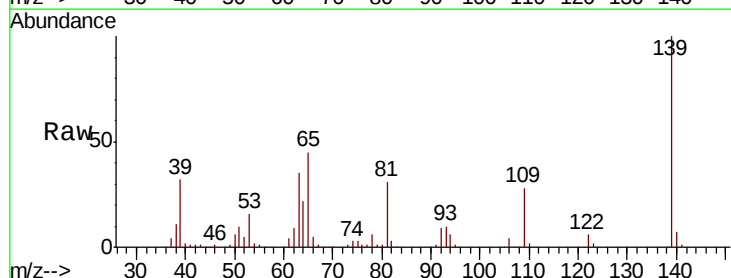
Manual Integrations
APPROVED

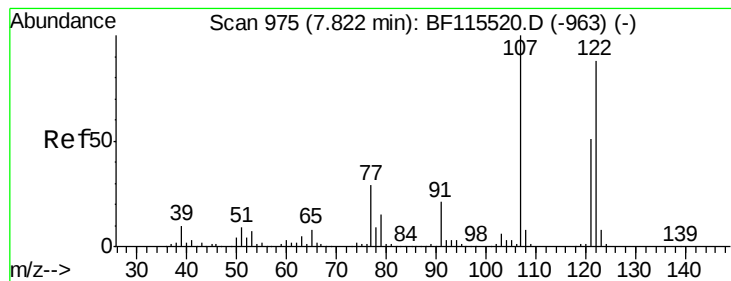
mohammad
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#26
2-Nitrophenol
Concen: 38.165 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.6	23.3	34.9	
65	44.8	37.9	56.9	





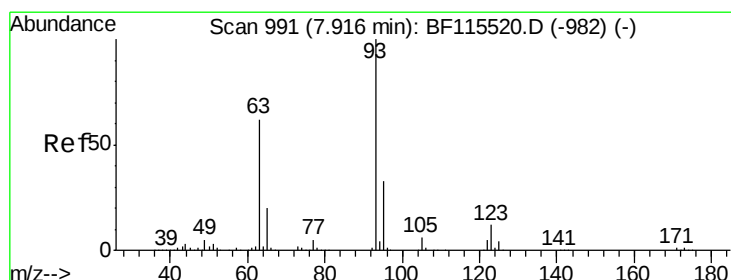
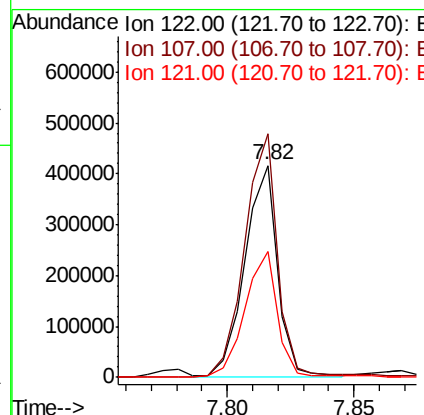
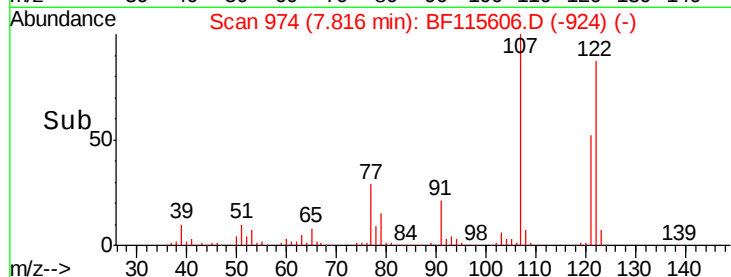
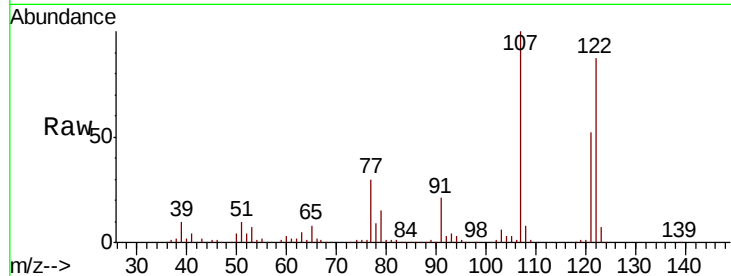
#27
2,4-Dimethylphenol
Concen: 41.367 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	114.7	92.9		139.3	
121	59.4	46.9		70.3	

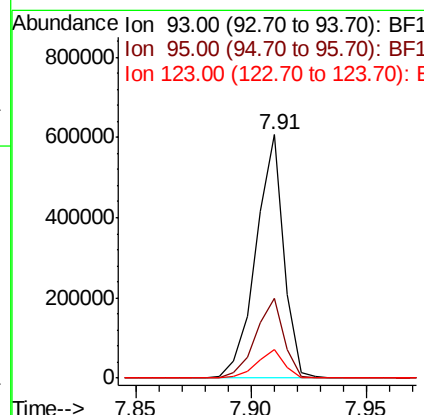
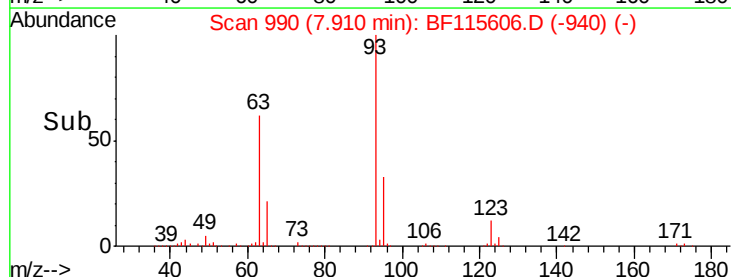
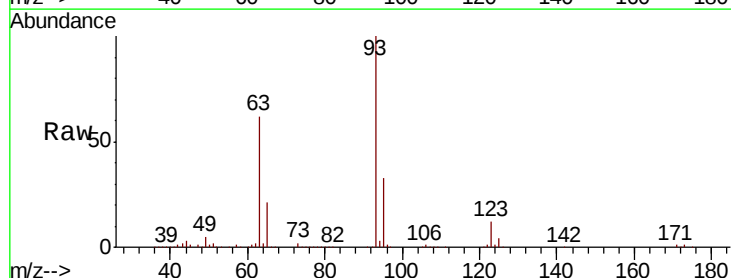
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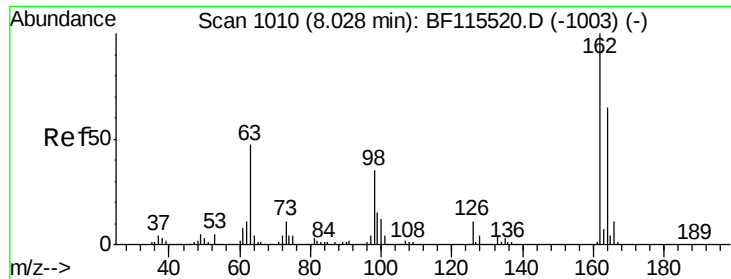
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#28
bis(2-Chloroethoxy)methane
Concen: 38.596 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.9	27.0		40.4	
123	11.8	9.9		14.9	





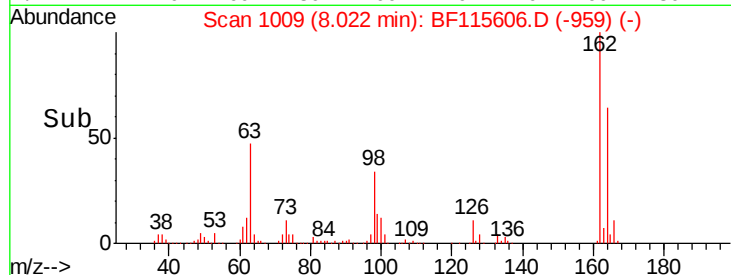
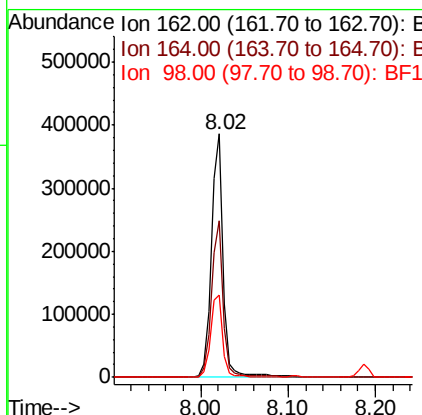
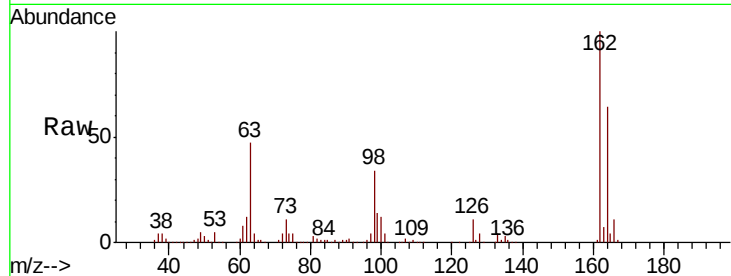
#29
 2,4-Dichlorophenol
 Concen: 38.548 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampled :
 RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	361148		
164	64.2	44.9	84.9	
98	34.1	17.7	57.7	

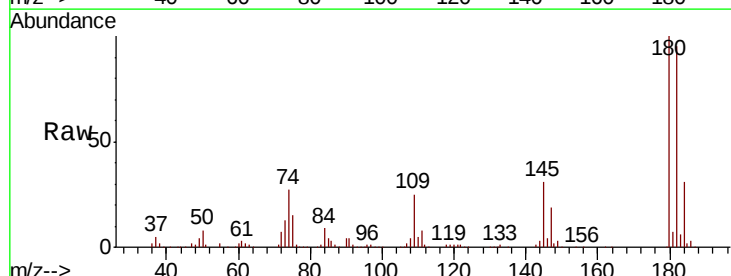
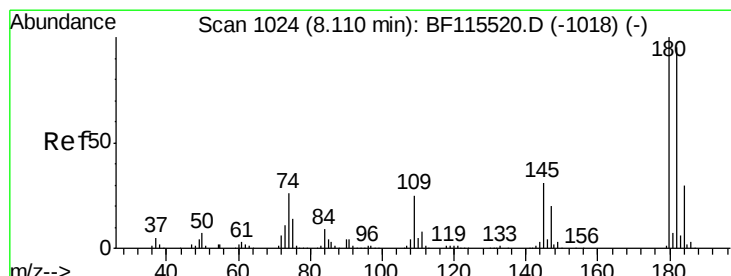
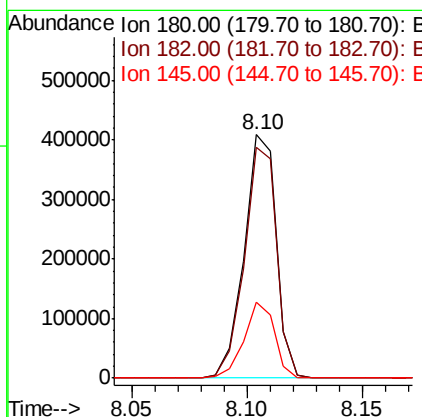
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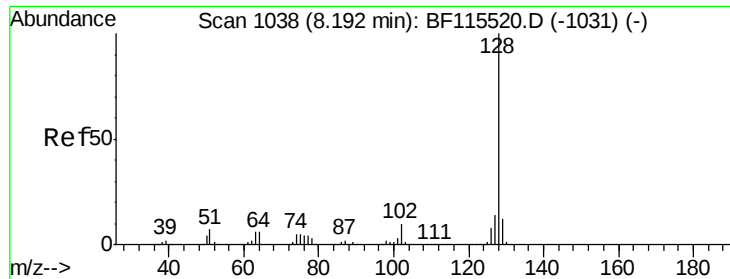
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.559 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397753		
182	94.8	75.0	112.6	
145	31.4	25.1	37.7	





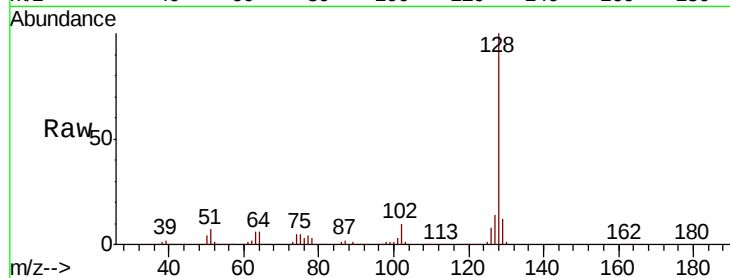
#31
Naphthalene
Concen: 39.679 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.9	14.9
127	13.8	12.1	18.1

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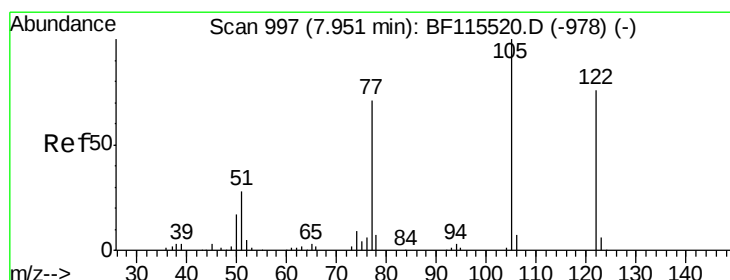
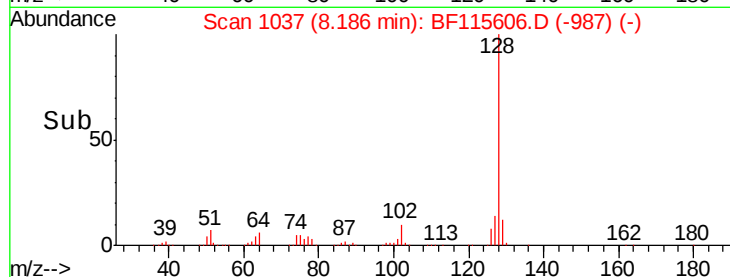
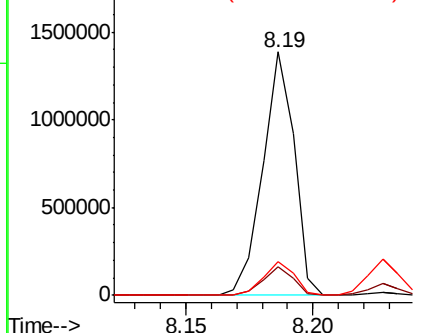


Abundance

Ion 128.00 (127.70 to 128.70): E

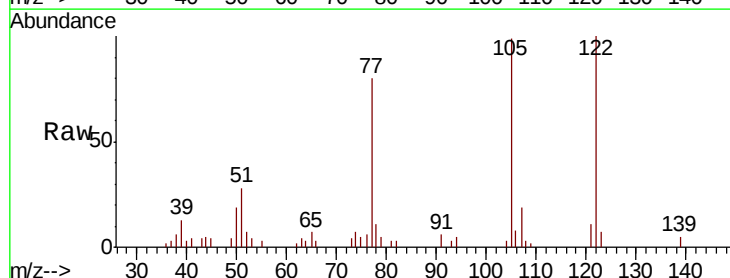
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.048 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	98.8	102.5	142.5#
77	80.2	70.2	110.2

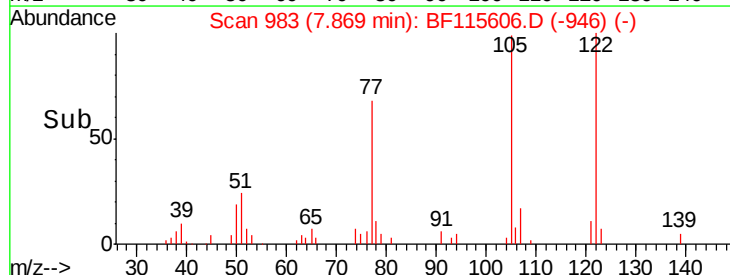
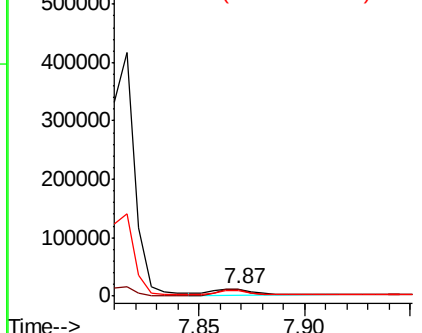


Abundance

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





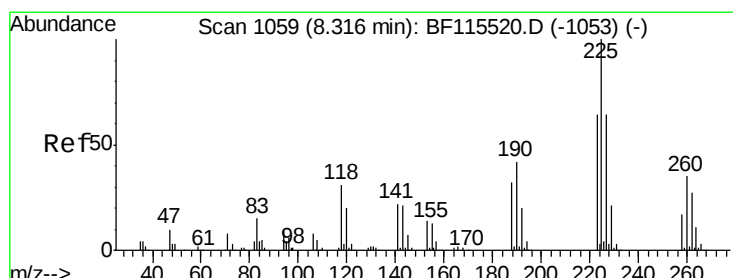
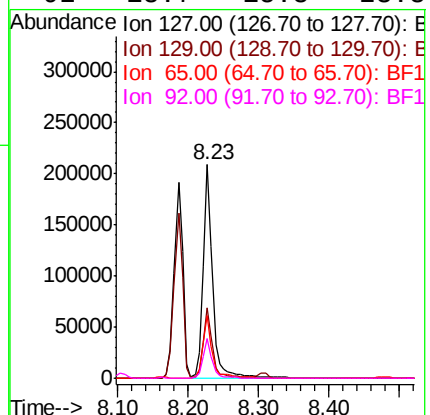
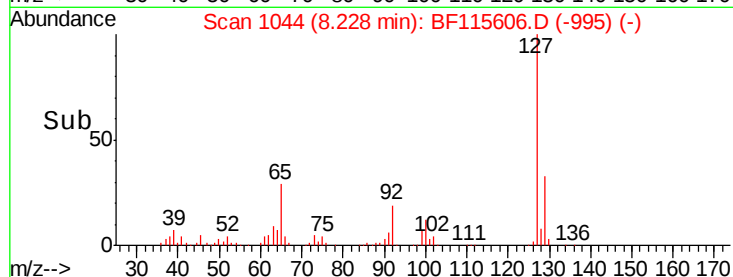
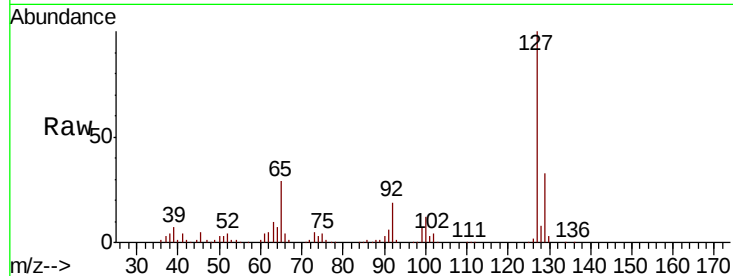
#33
4-Chloroaniline
Concen: 14.884 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	39.8		
65	29.2	23.7	35.5		
92	18.7	15.8	23.8		

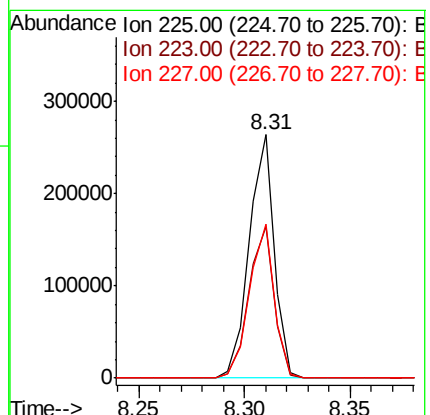
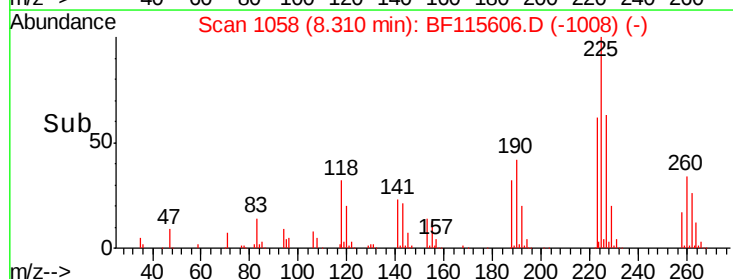
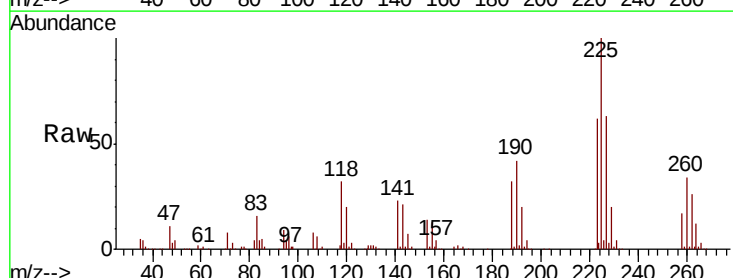
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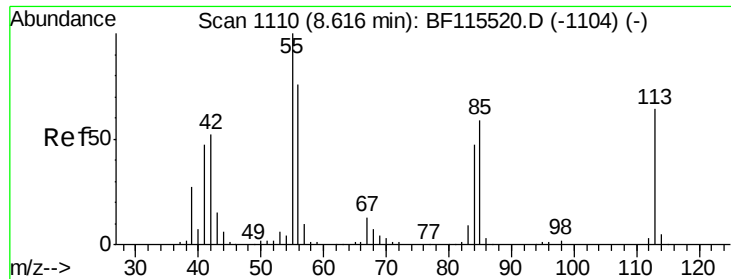
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#34
Hexachlorobutadiene
Concen: 35.820 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	63.3	50.7	76.1		





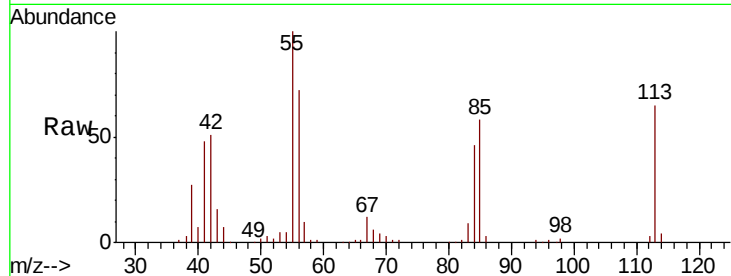
#35
Caprolactam
Concen: 38.905 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

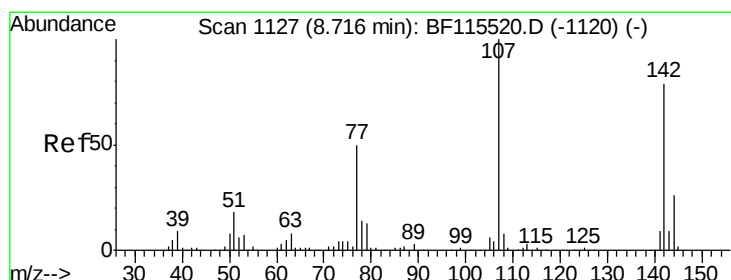
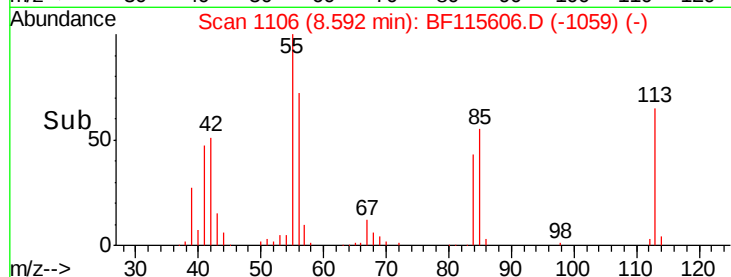
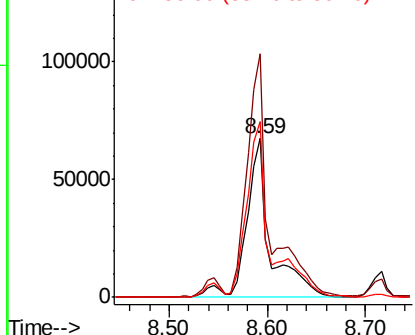
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	153.6	126.9	166.9		
56	110.7	90.3	130.3		

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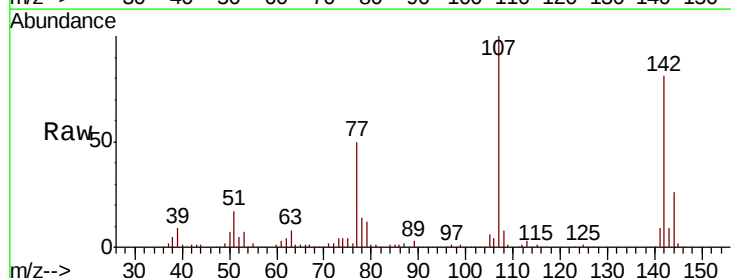


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

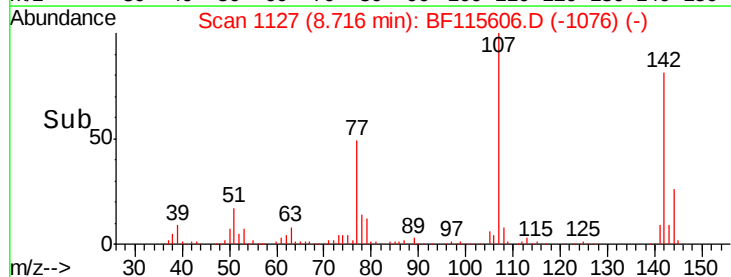
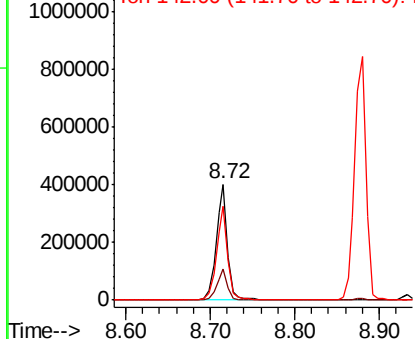


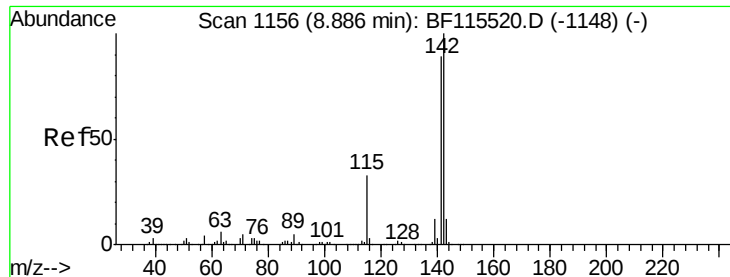
#36
4-Chloro-3-methylphenol
Concen: 39.410 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.4	20.6	30.8		
142	80.8	63.1	94.7		



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





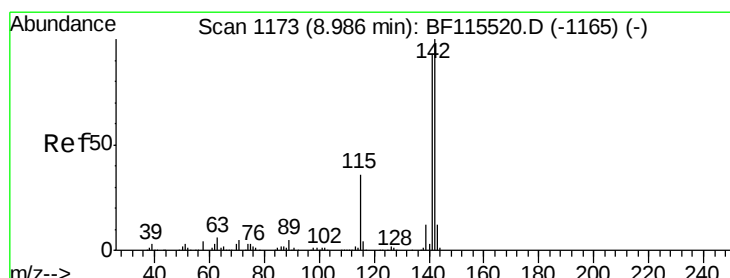
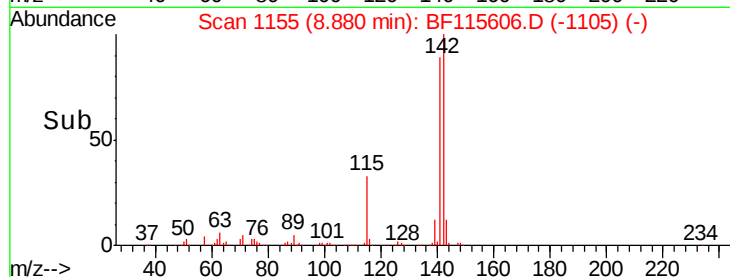
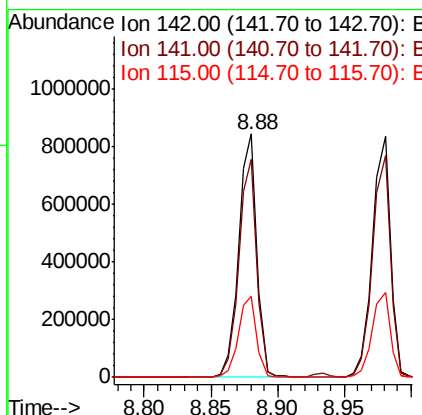
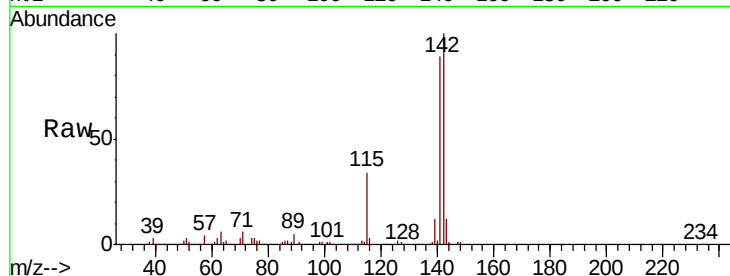
#37
2-Methylnaphthalene
Concen: 39.639 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	33.5	29.9	44.9

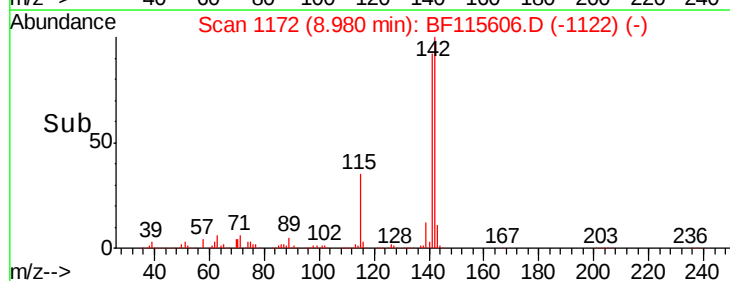
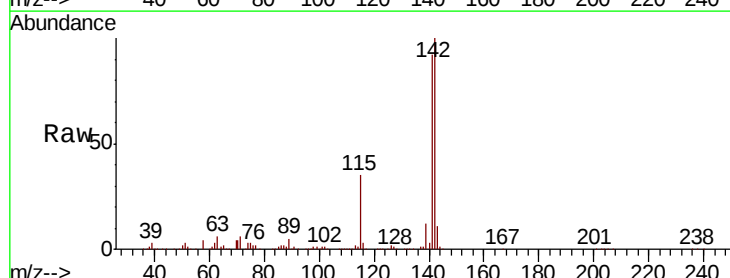
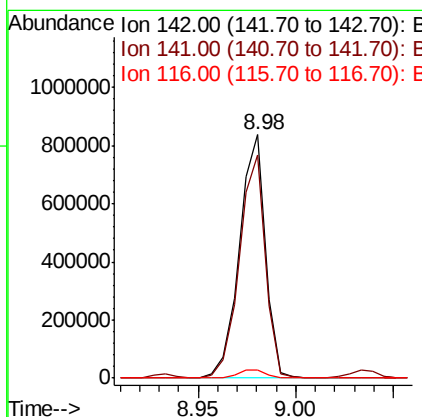
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#38
1-Methylnaphthalene
Concen: 39.937 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.3	112.9
116	3.5	3.3	4.9





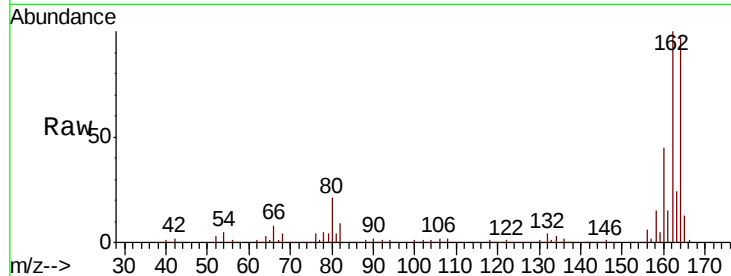
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	46.7	36.8	55.2

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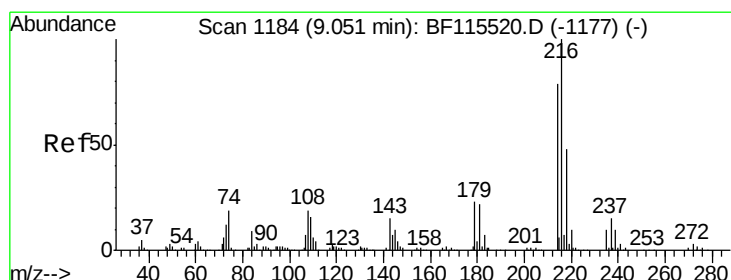
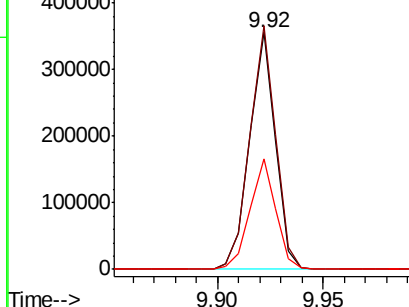
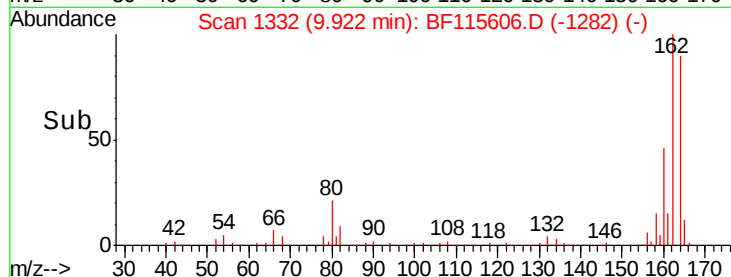


Abundance

Ion 164.00 (163.70 to 164.70): E

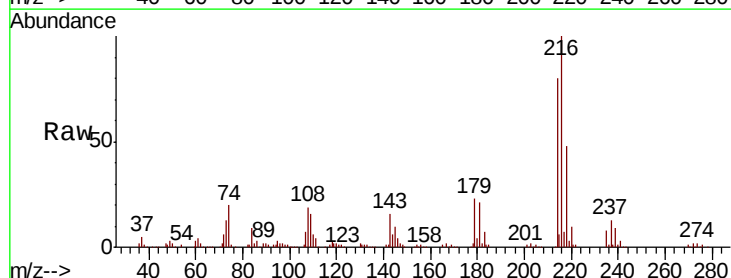
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.031 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	65.1	97.7
179	21.9	18.3	27.5
108	19.7	15.7	23.5



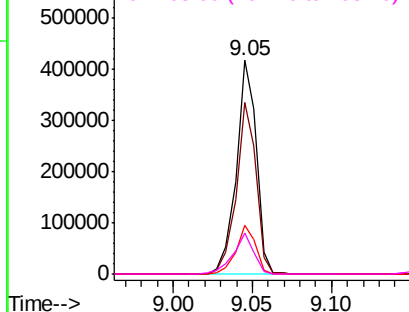
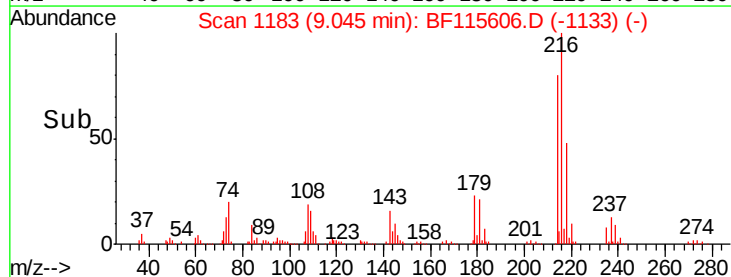
Abundance

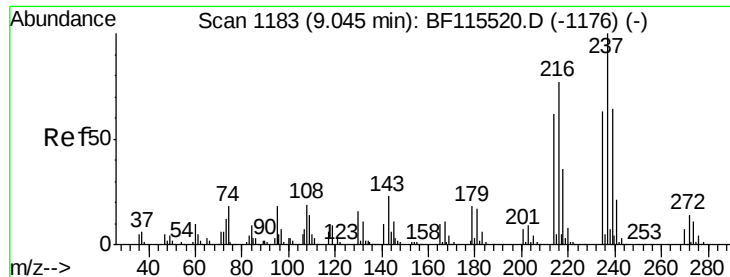
Ion 216.00 (215.70 to 216.70): E

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: 39.420 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

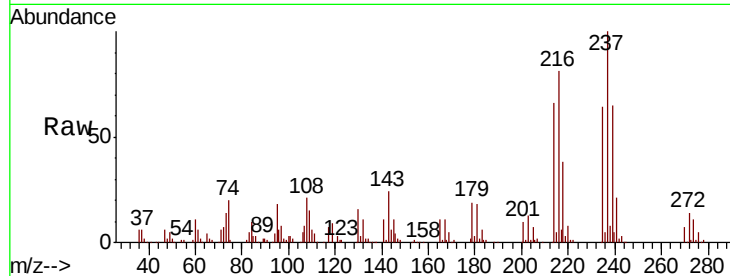
ClientSampleId :

RT-1873MSD

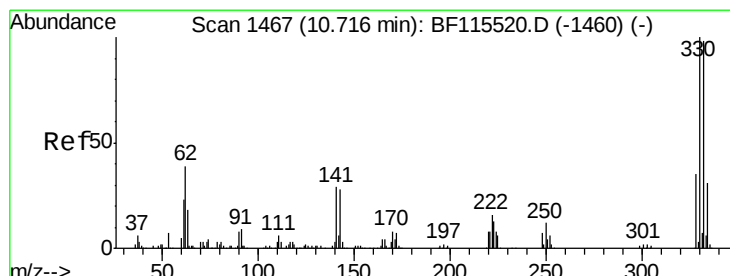
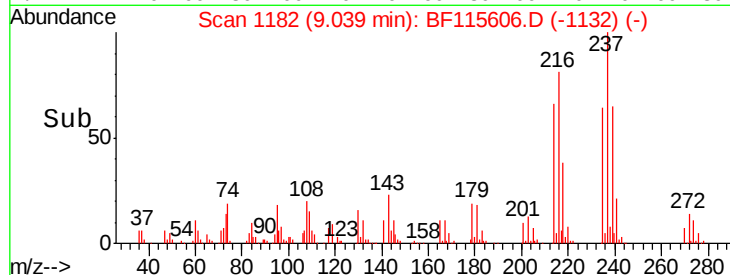
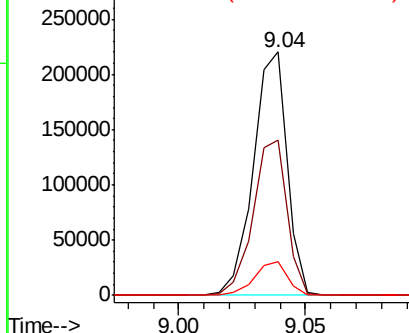
Tot Ion:	237	Resp:	205252
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.6	83.6
272	14.0	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.760 ng

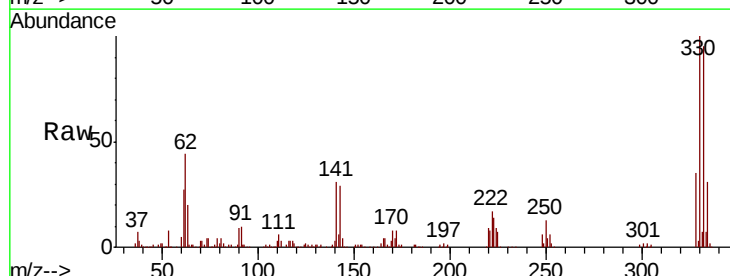
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

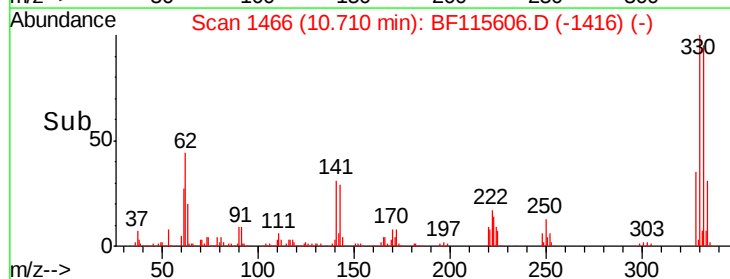
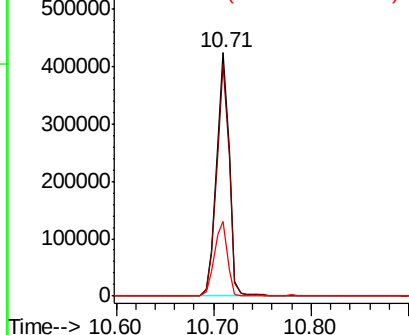
Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:	330	Resp:	384796
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.4	116.2
141	32.0	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





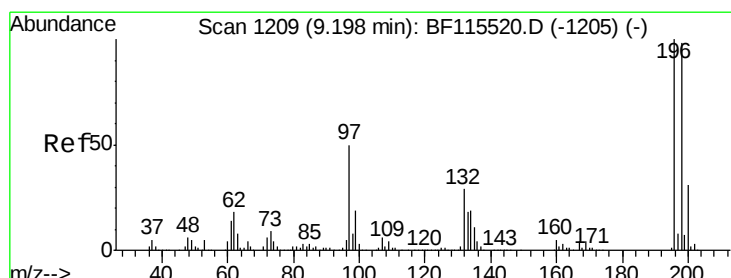
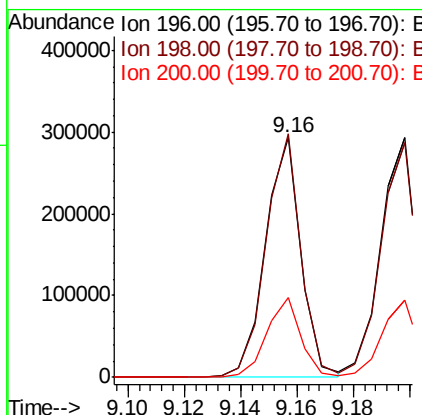
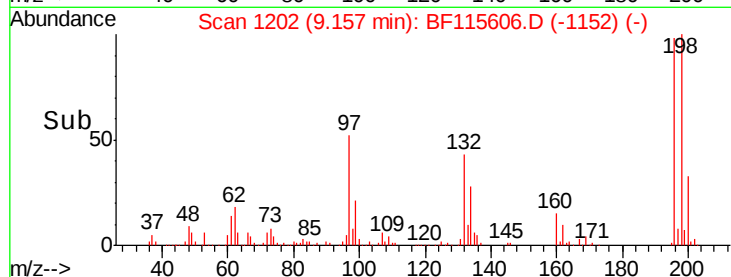
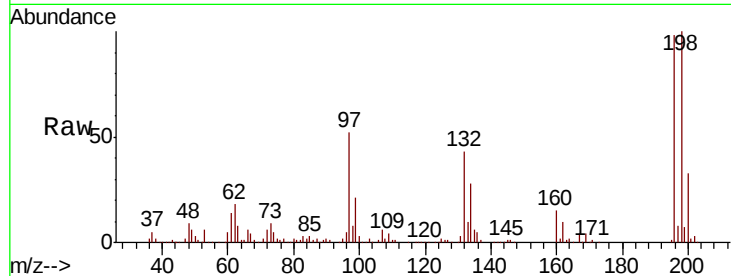
#43
 2,4,6-Trichlorophenol
 Concen: 38.318 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampled :
 RT-1873MSD

Tot Ion:	196	Resp:	255777
Ion Ratio	Lower	Upper	
196	100		
198	101.6	80.6	121.0
200	33.2	25.8	38.6

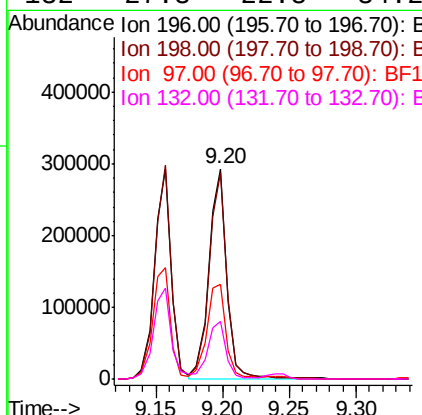
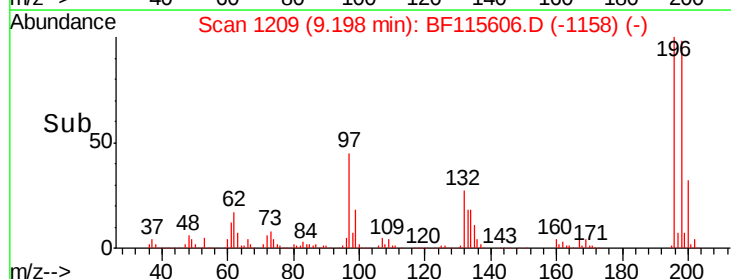
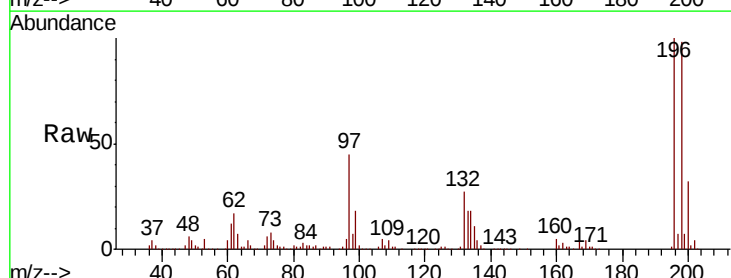
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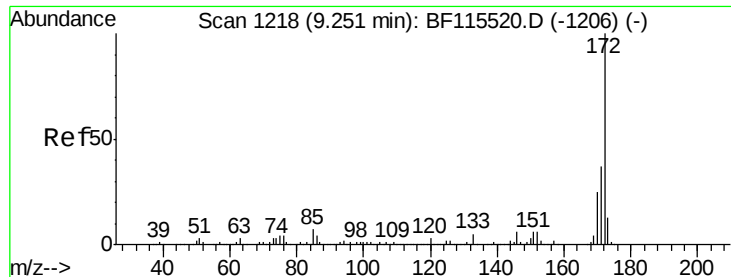
mohammad
 7/17/2019 12:06:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.788 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:	196	Resp:	271989
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.6	119.4
97	44.9	37.8	56.6
132	27.3	22.8	34.2





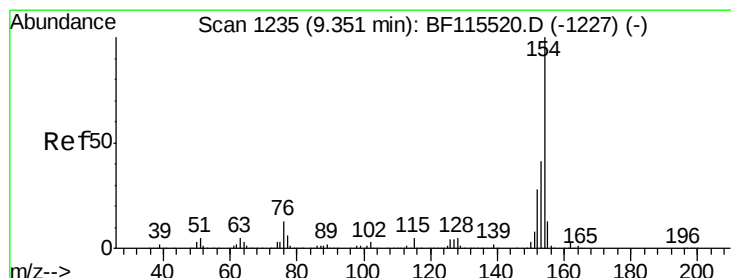
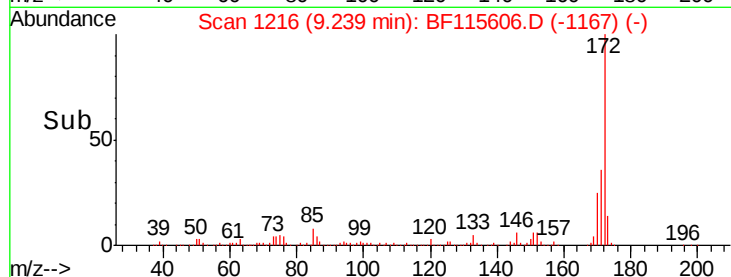
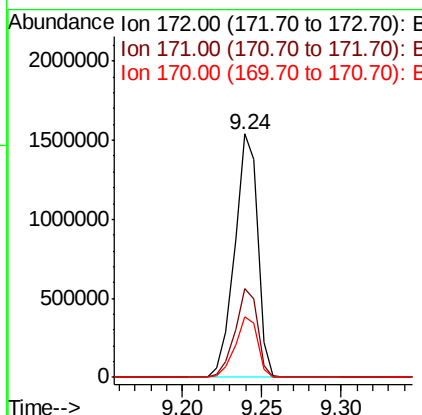
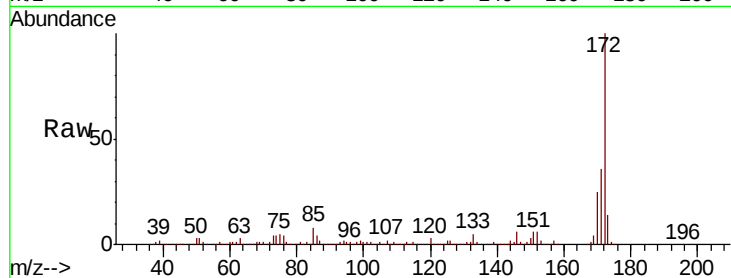
#45
2-Fluorobiphenyl
Concen: 89.366 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	24.8	20.5	30.7

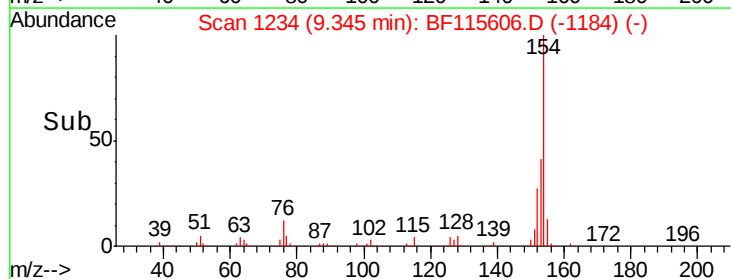
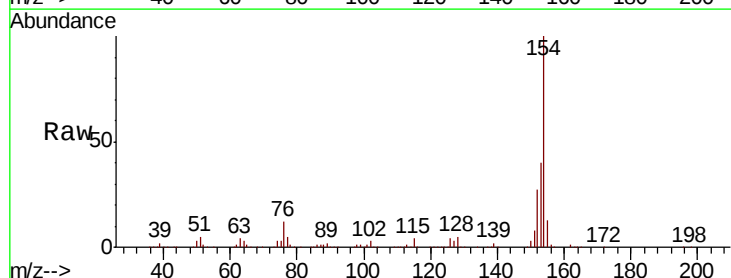
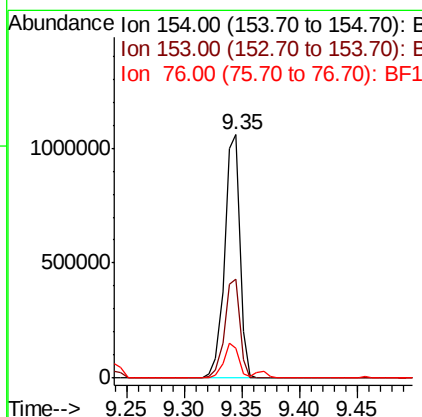
Manual Integrations
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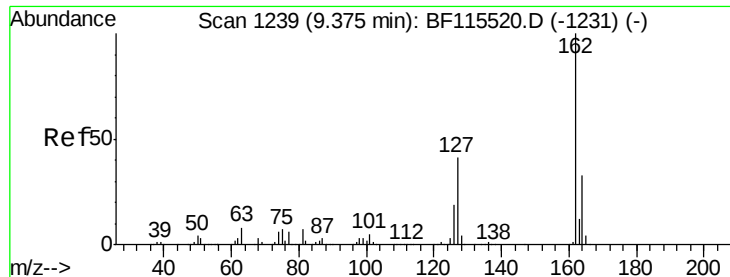
mohammad
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#46
1,1'-Biphenyl
Concen: 41.148 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	22.6	62.6
76	12.4	0.0	33.4





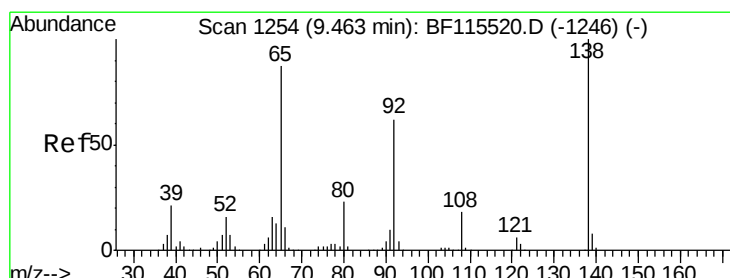
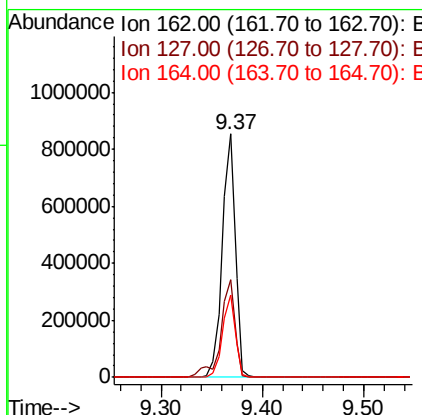
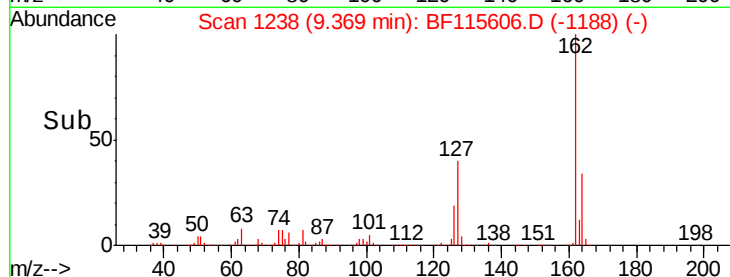
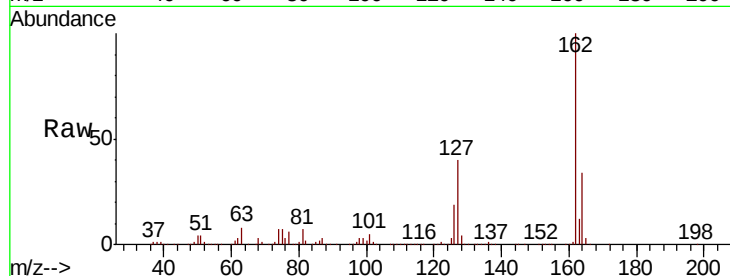
#47
2-Chloronaphthalene
Concen: 38.720 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	34.1	51.1	
164	33.7	27.4	41.2	

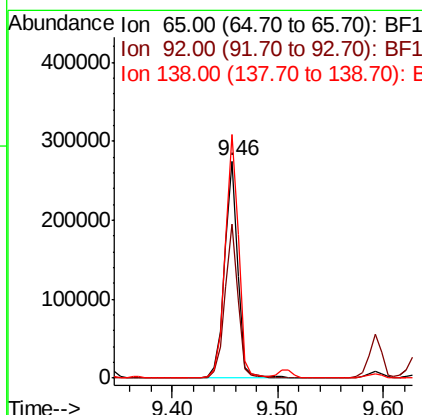
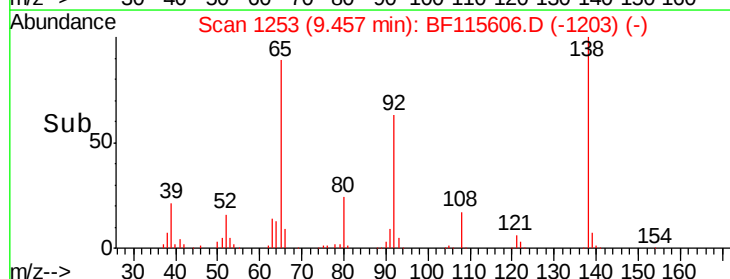
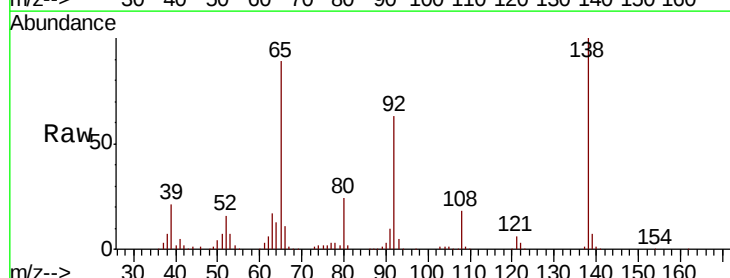
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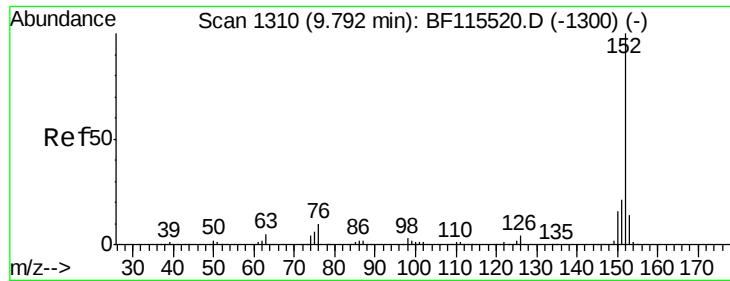
mohammad
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#48
2-Nitroaniline
Concen: 39.426 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.1	57.8	86.6	
138	112.2	91.2	136.8	





#49

Acenaphthylene

Concen: 41.183 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

RT-1873MSD

Tot Ion:152 Resp: 1204078

Ion Ratio Lower Upper

152 100

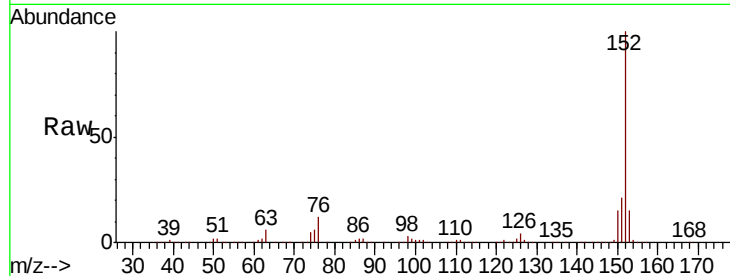
151 20.9 17.7 26.5

153 14.6 12.0 18.0

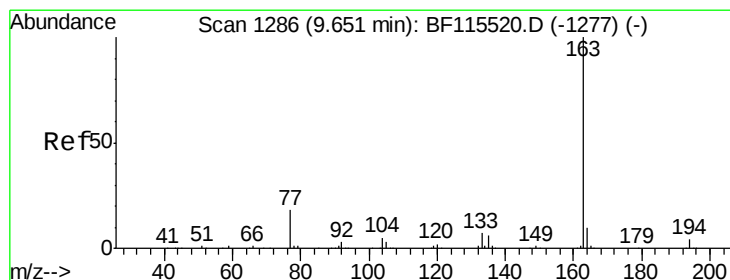
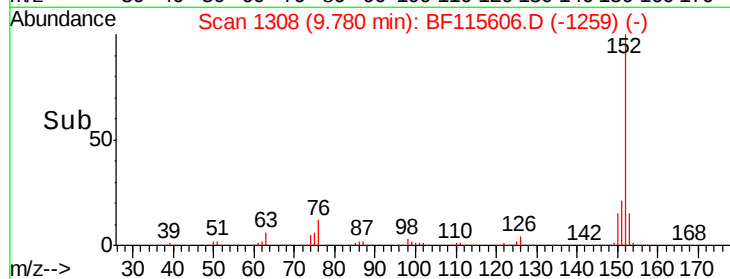
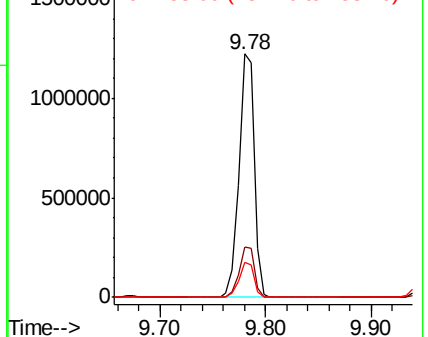
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.921 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

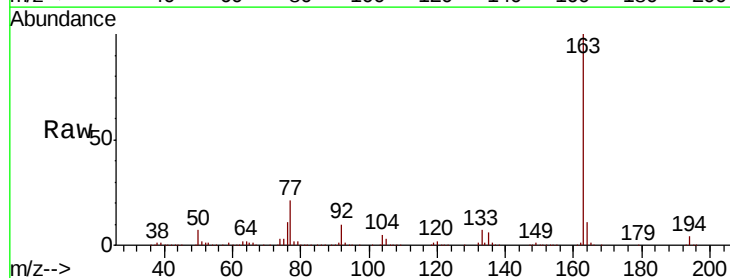
Tgt Ion:163 Resp: 1161262

Ion Ratio Lower Upper

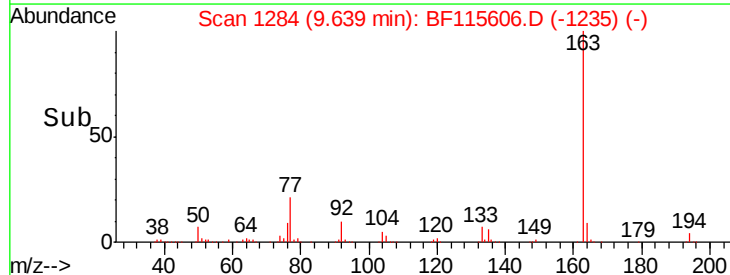
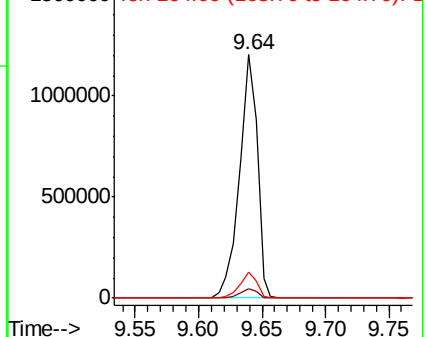
163 100

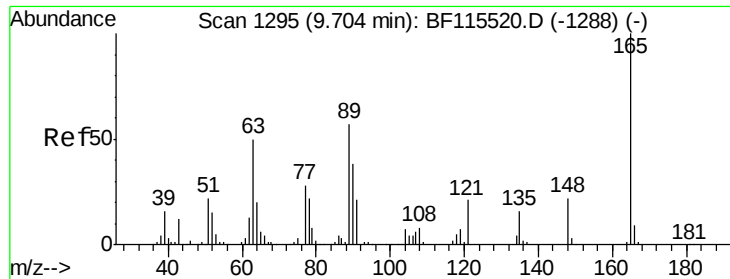
194 3.9 3.3 4.9

164 10.8 8.7 13.1



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





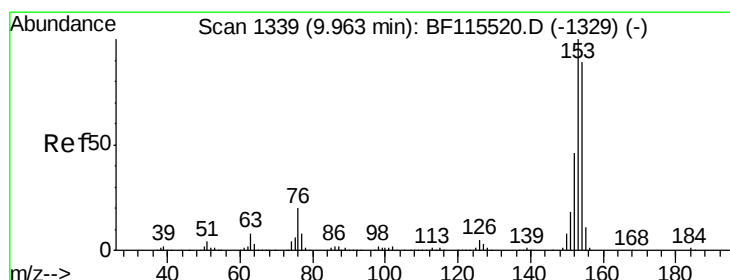
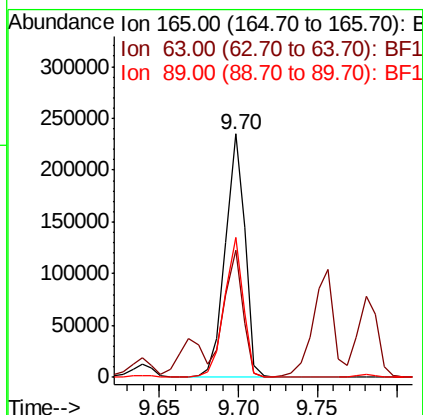
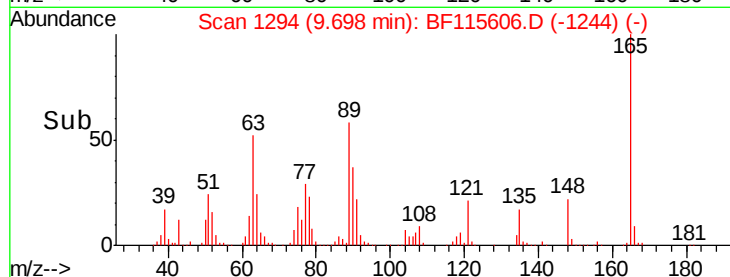
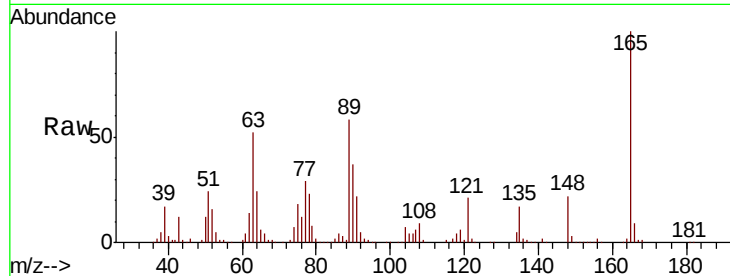
#51
2,6-Dinitrotoluene
Concen: 38.971 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201970		
63	52.0		40.6	61.0
89	57.5		43.9	65.9

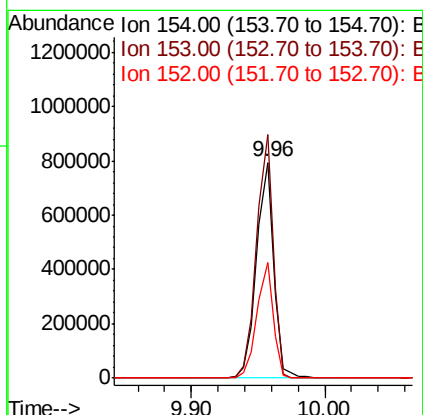
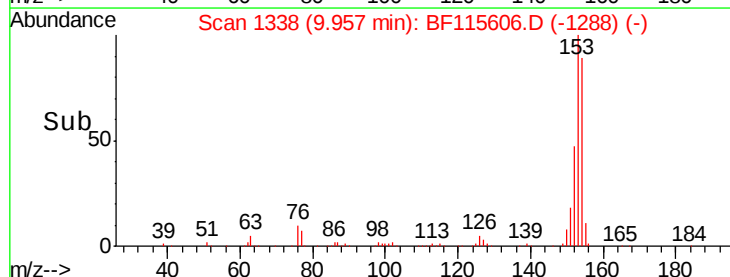
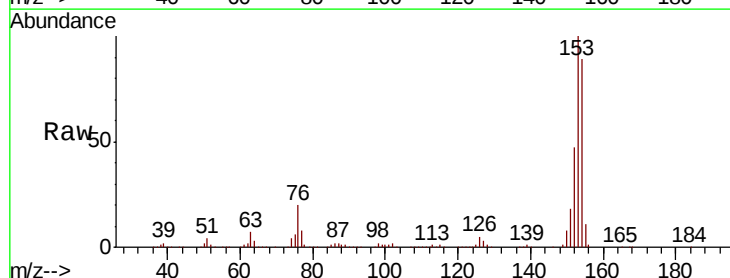
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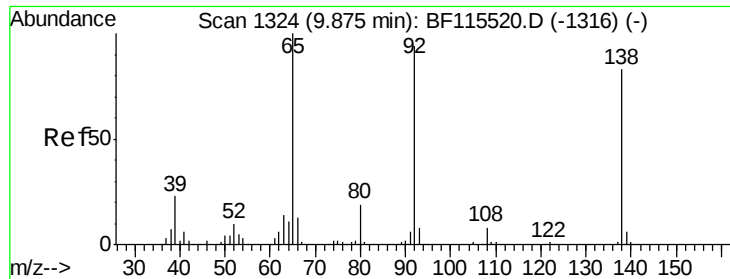
mohammad
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#52
Acenaphthene
Concen: 36.930 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	697095		
153	112.7		88.6	133.0
152	53.4		42.3	63.5





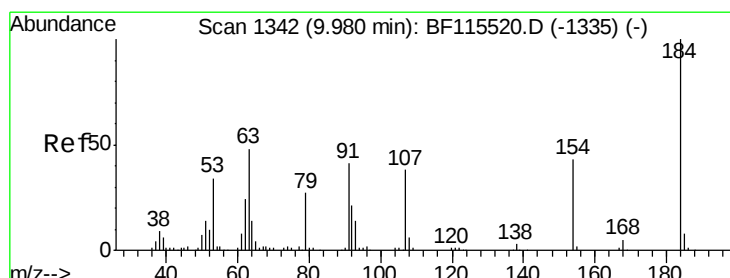
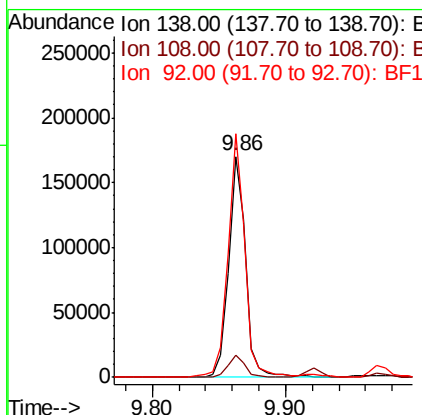
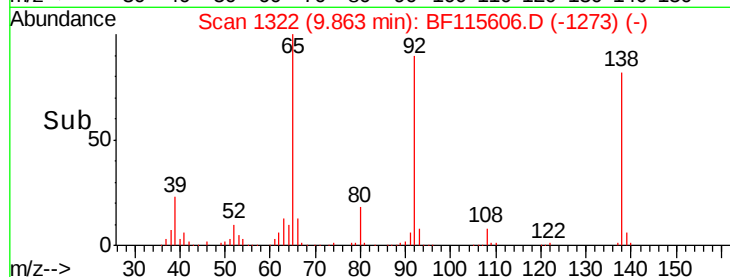
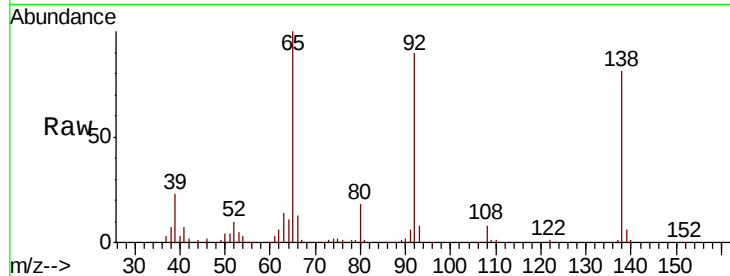
#53
3-Nitroaniline
Concen: 25.950 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.4	12.6
92	110.2	88.0	132.0

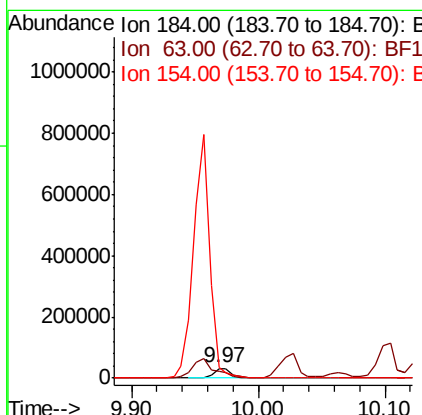
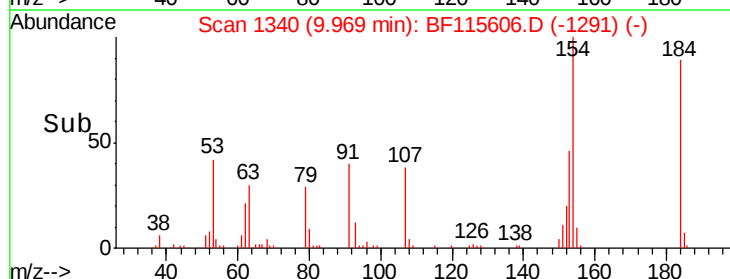
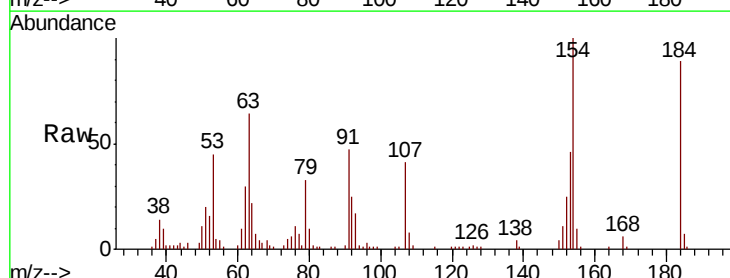
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#54
2,4-Dinitrophenol
Concen: 12.941 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	48.7	73.1
154	112.8	48.6	73.0#





#55

Dibenzenofuran

Concen: 38.506 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

RT-1873MSD

Tot Ion:168 Resp: 1032204

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

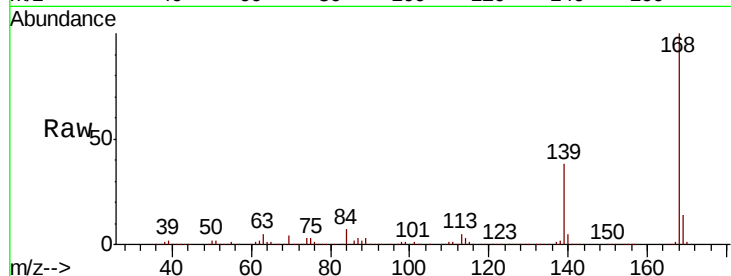
169 13.9 11.1 16.7

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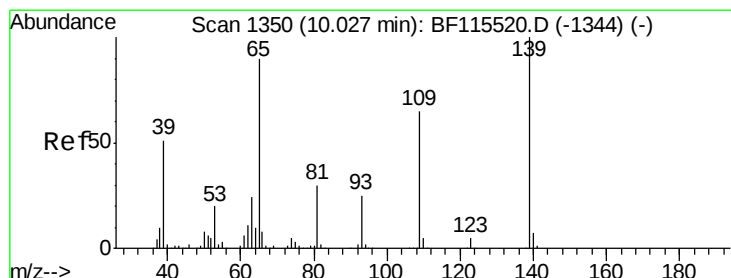
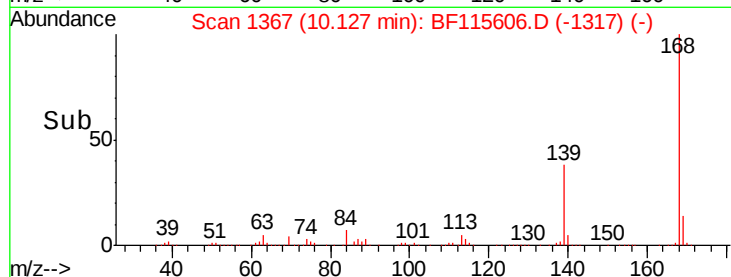
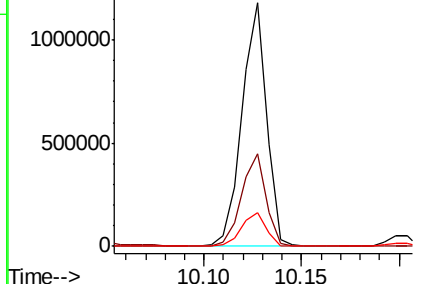
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.425 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

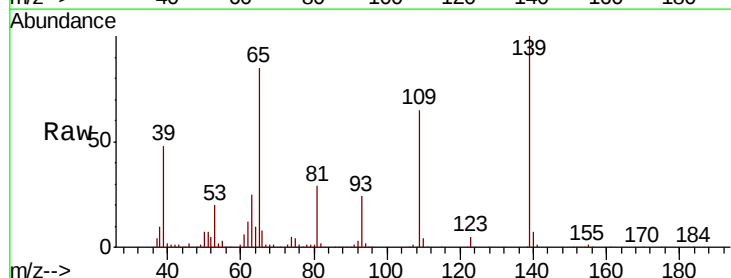
Tgt Ion:139 Resp: 318051

Ion Ratio Lower Upper

139 100

109 64.7 46.4 86.4

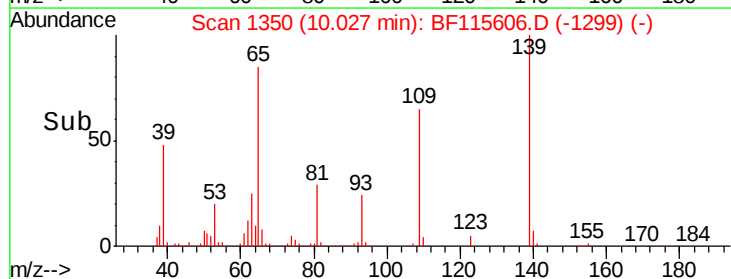
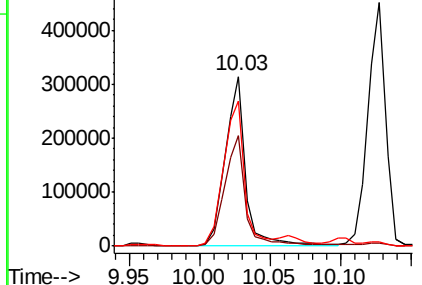
65 85.2 68.9 108.9

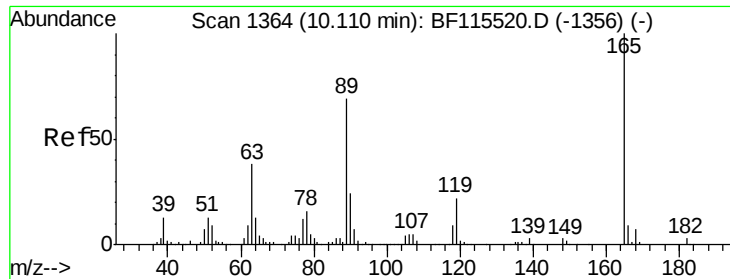


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





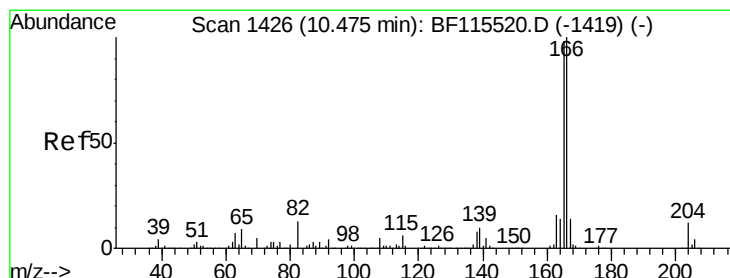
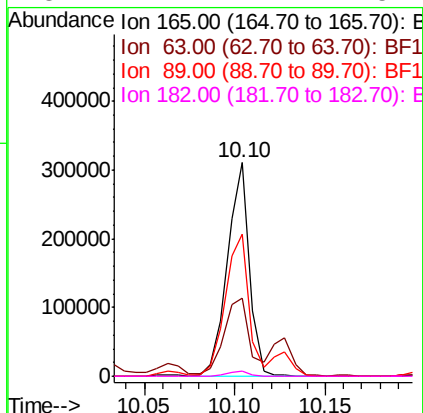
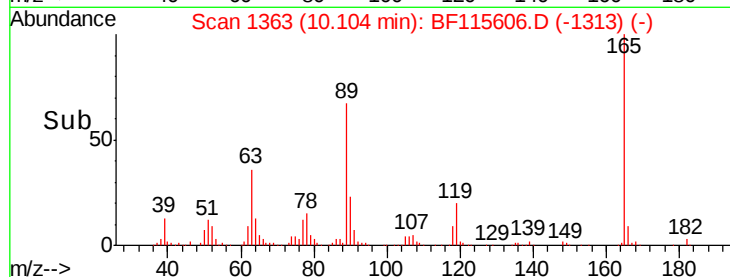
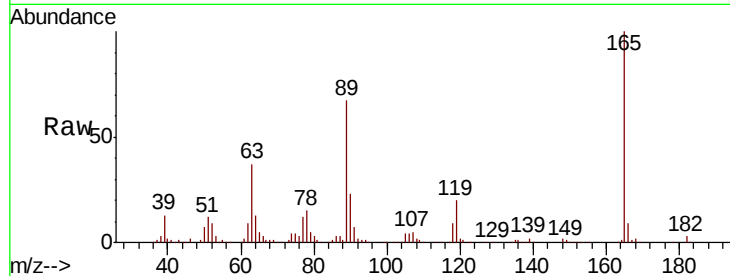
#57
2,4-Dinitrotoluene
Concen: 38.943 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	36.6	34.9	52.3
89	66.5	57.5	86.3
182	2.7	2.2	3.4

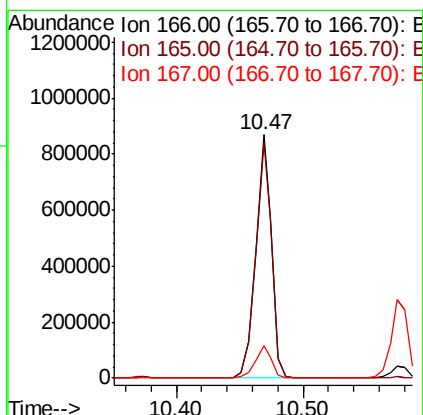
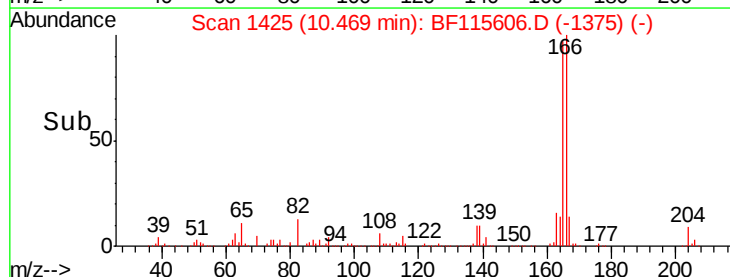
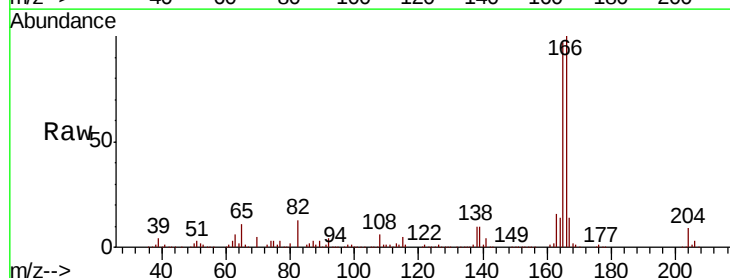
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#58
Fluorene
Concen: 39.676 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.6	11.2	16.8





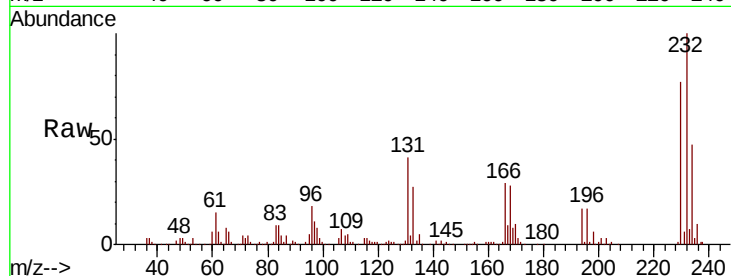
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.029 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion:	232	Resp:	211604
Ion Ratio	Lower	Upper	
232	100		
131	45.1	35.9	53.9
130	2.4	1.8	2.6
166	30.0	24.8	37.2

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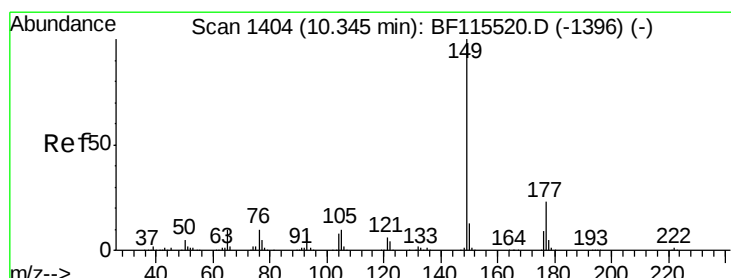
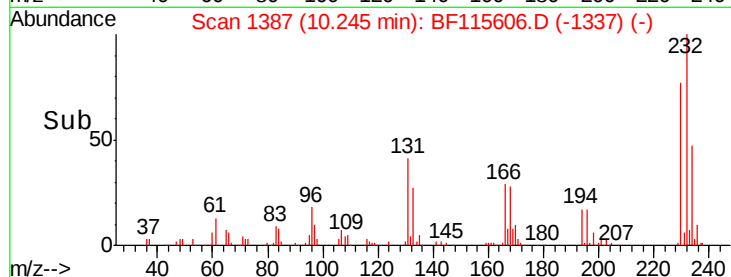
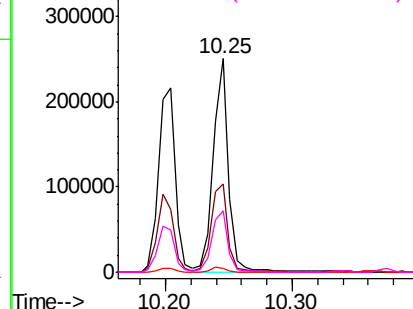
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

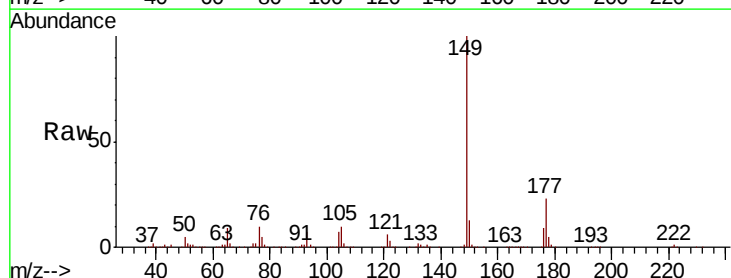
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.940 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:	149	Resp:	853417
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.5	29.3
150	13.1	10.4	15.6

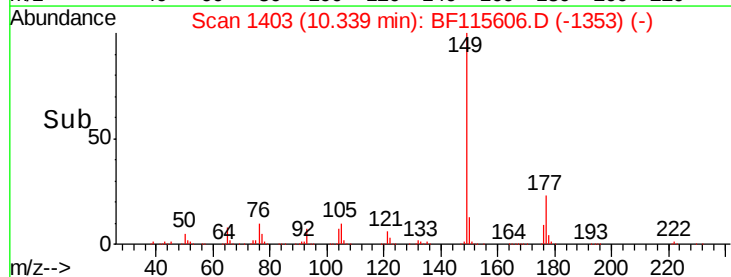
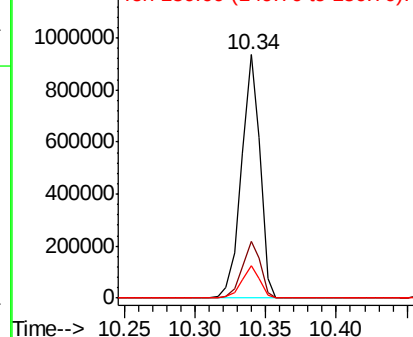


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





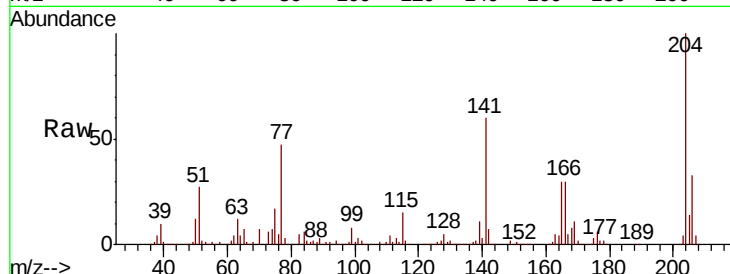
#61
4-Chlorophenyl-phenylether
Concen: 37.140 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	60.1	44.2	66.2

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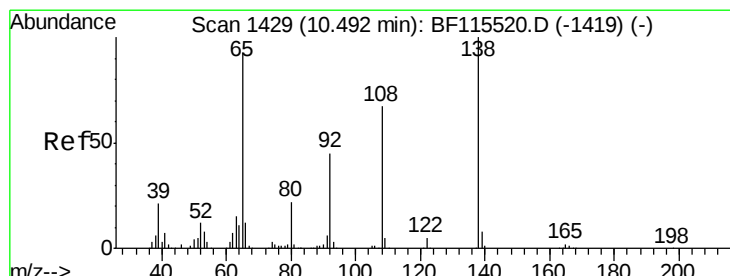
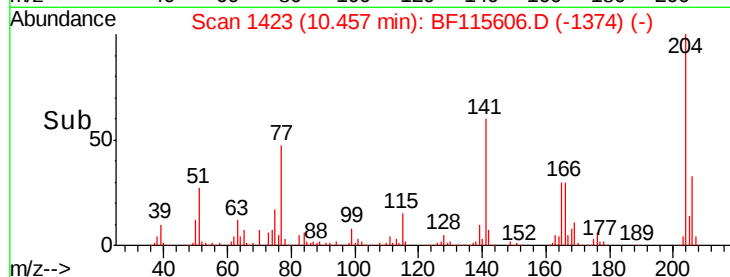
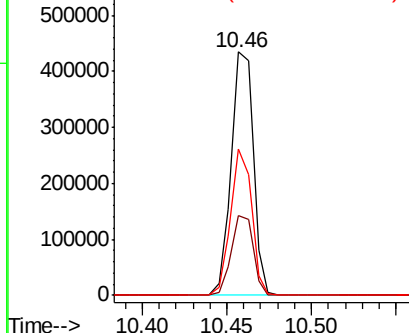


Abundance

Ion 204.00 (203.70 to 204.70): E

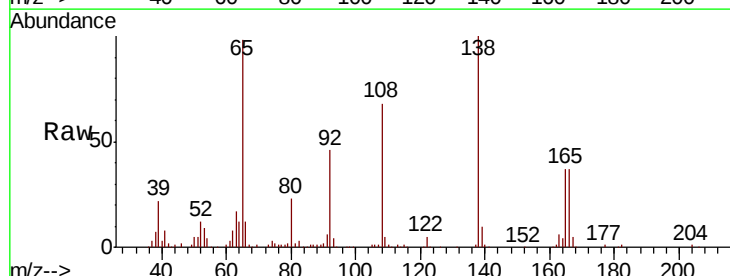
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.582 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	27.1	67.1
108	68.0	48.0	88.0

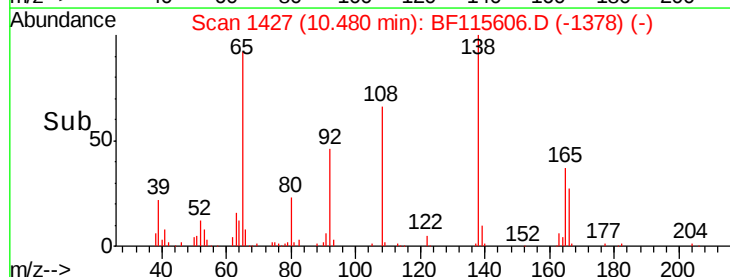
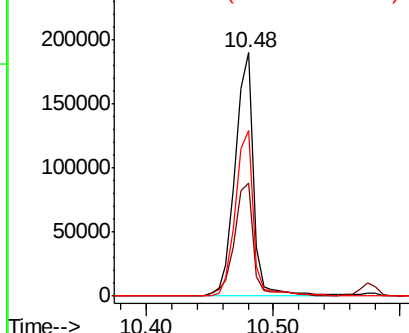


Abundance

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: 41.594 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

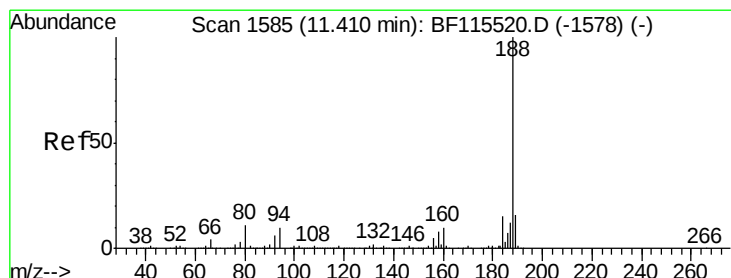
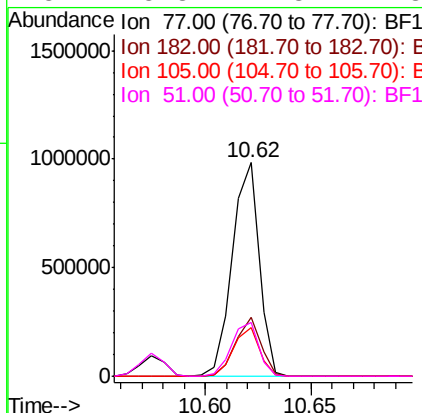
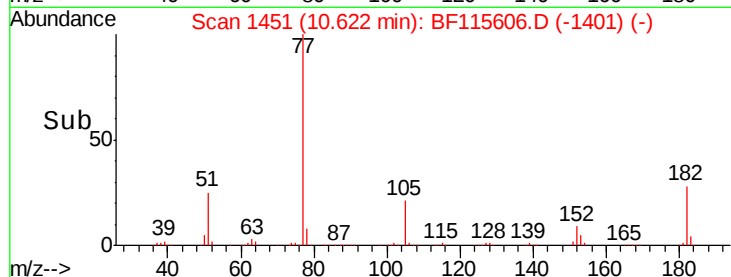
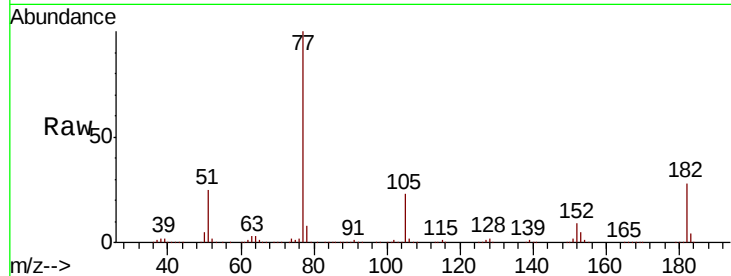
ClientSampleId :

RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	862060		
182	27.7	6.9	46.9	
105	23.1	3.9	43.9	
51	25.3	7.3	47.3	

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#64

Phenanthrene-d10

Concen: 20.000 ng

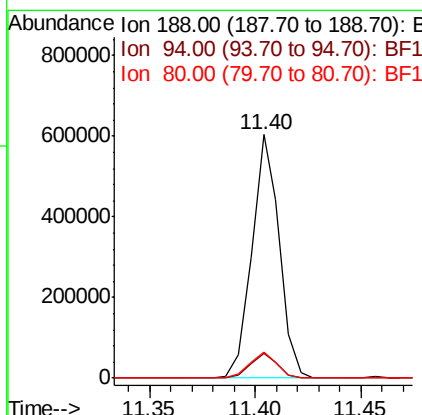
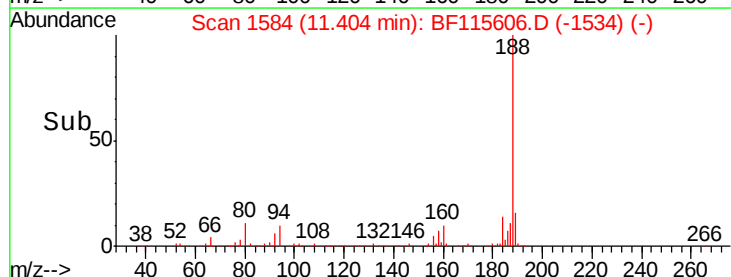
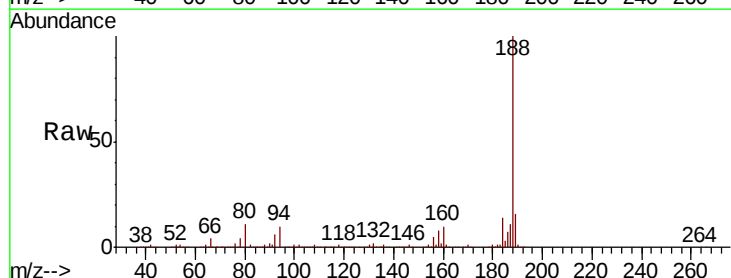
RT: 11.40 min Scan# 1584

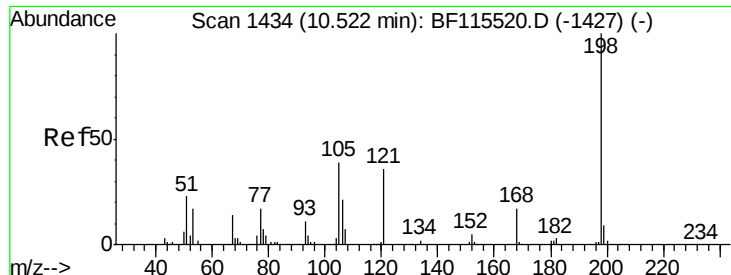
Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	541449		
94	10.1	7.8	11.6	
80	10.8	8.6	13.0	





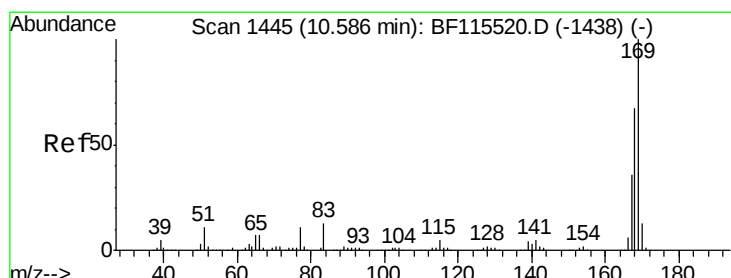
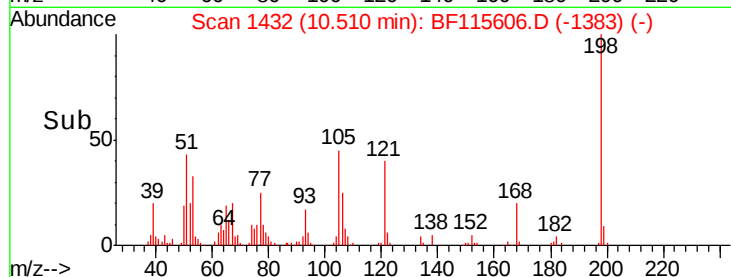
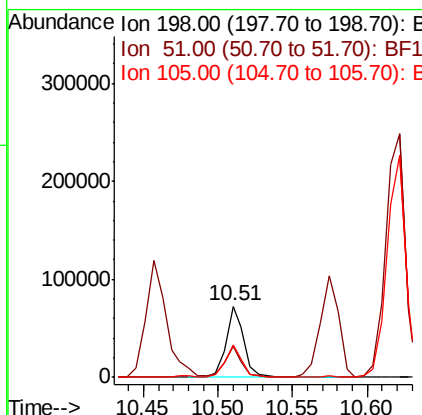
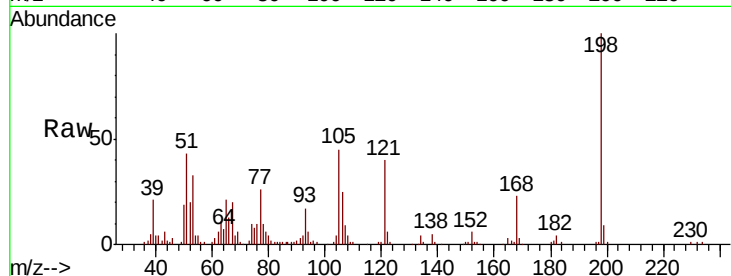
#65
4,6-Dinitro-2-methylphenol
Concen: 18.312 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	60578		
51	43.1	19.1	59.1	
105	45.4	23.6	63.6	

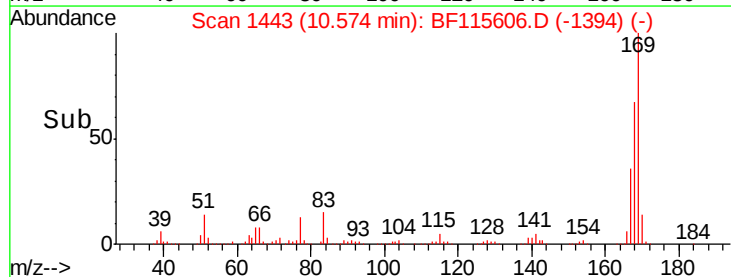
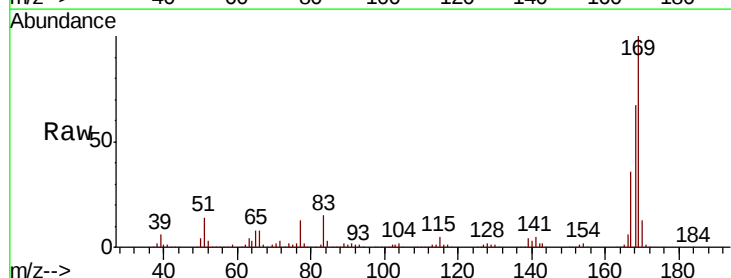
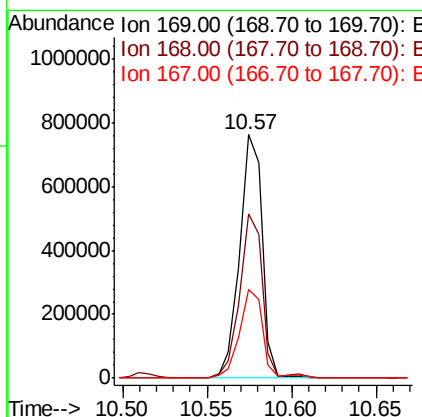
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#66
n-Nitrosodiphenylamine
Concen: 42.106 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	709164		
168	67.4	54.3	81.5	
167	36.5	30.2	45.2	





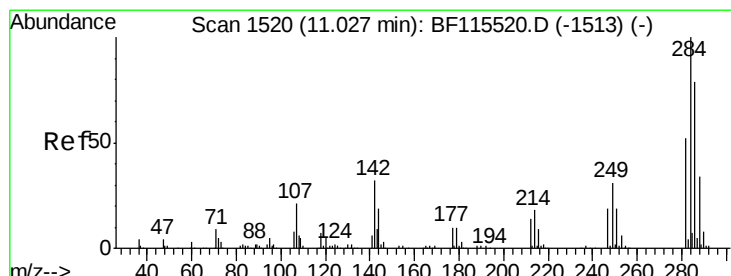
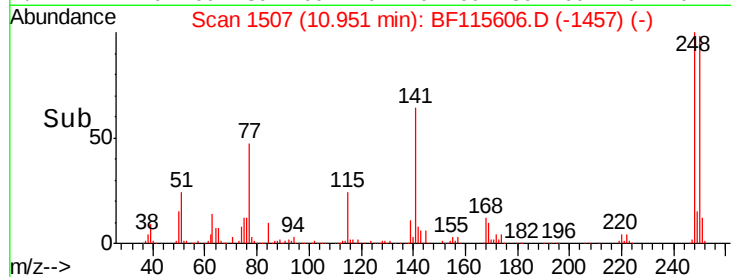
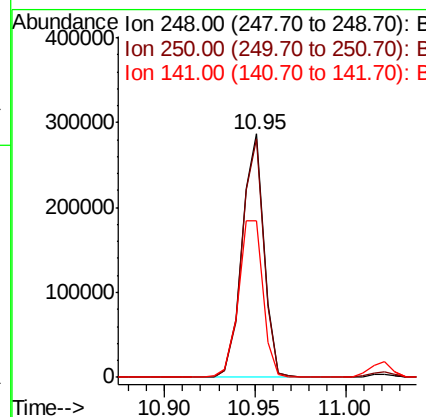
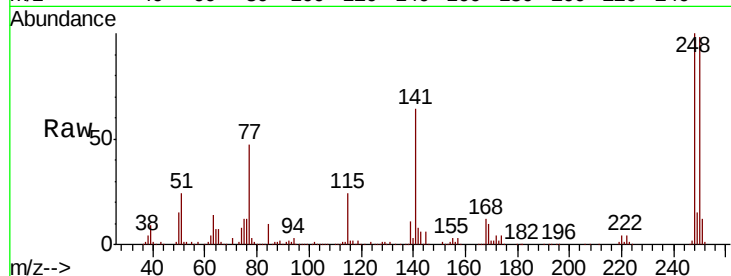
#67
 4-Bromophenyl-phenylether
 Concen: 38.871 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RT-1873MSD

Tot Ion:	248	Resp:	240514
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.0	117.0
141	64.1	57.7	86.5

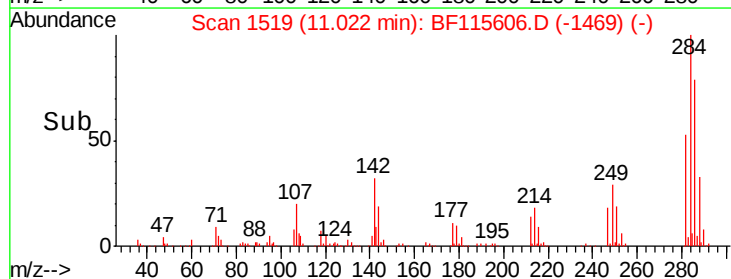
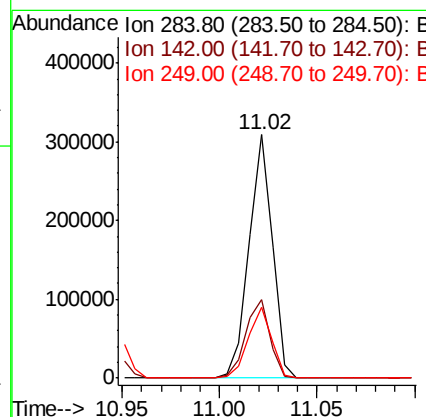
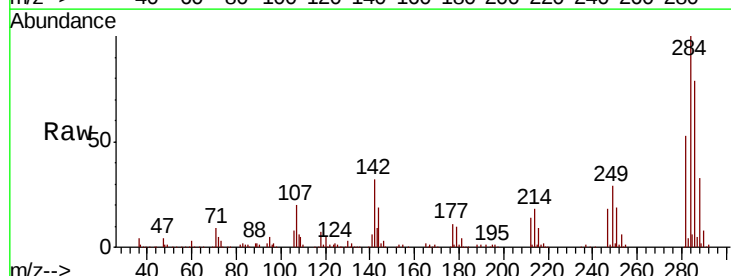
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#68
 Hexachlorobenzene
 Concen: 36.409 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:	284	Resp:	257272
Ion Ratio	Lower	Upper	
284	100		
142	32.4	22.2	33.2
249	29.0	23.4	35.2





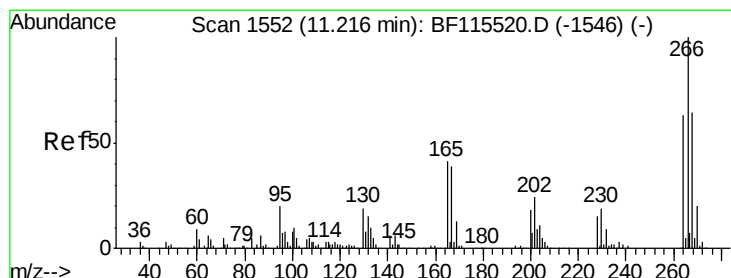
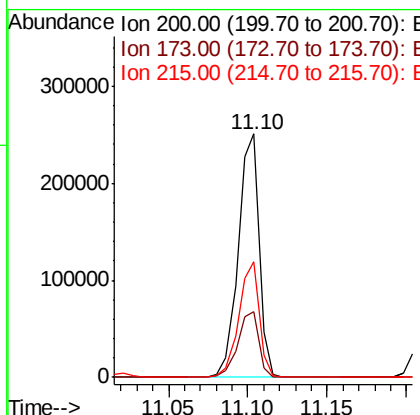
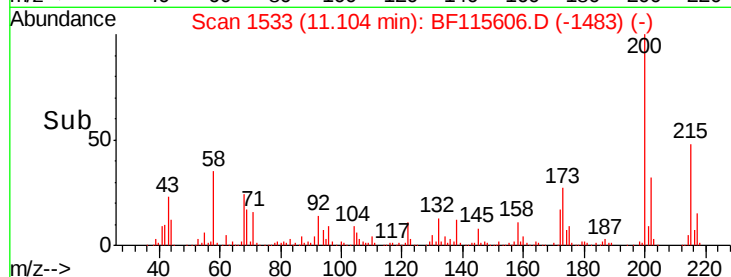
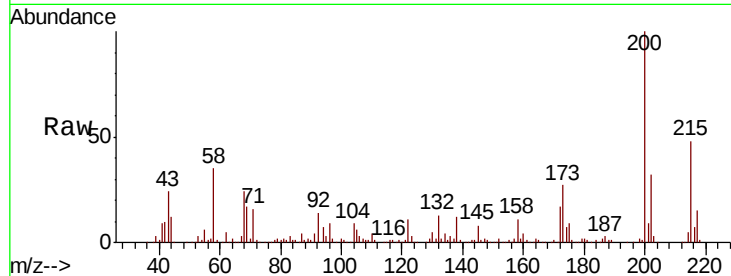
#69
 Atrazine
 Concen: 41.441 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RT-1873MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	6.9	46.9
215	47.6	27.9	67.9

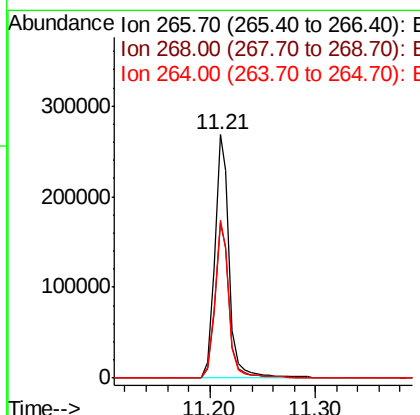
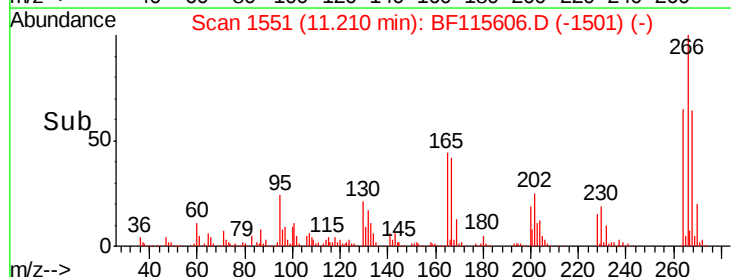
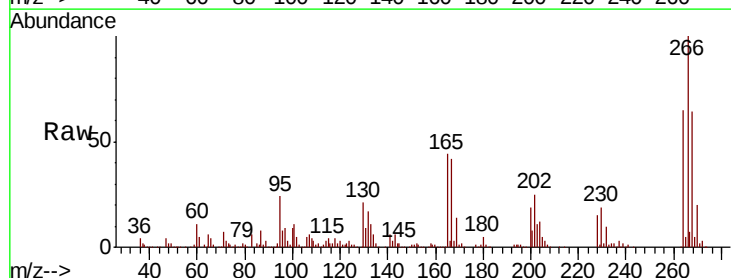
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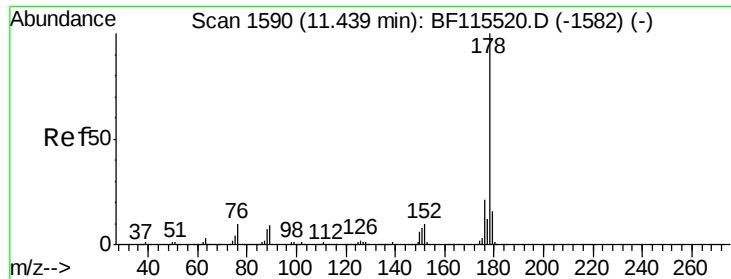
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#70
 Pentachlorophenol
 Concen: 60.888 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.6	77.4
264	64.7	50.6	76.0





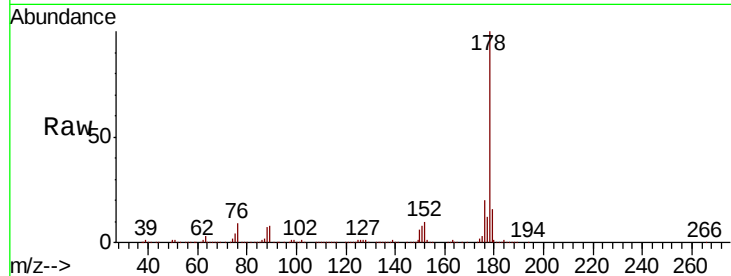
#71
Phenanthrene
Concen: 45.200 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

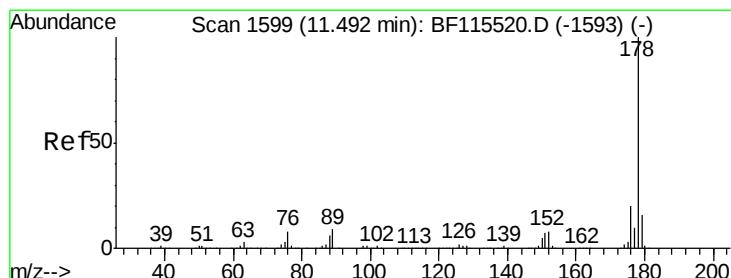
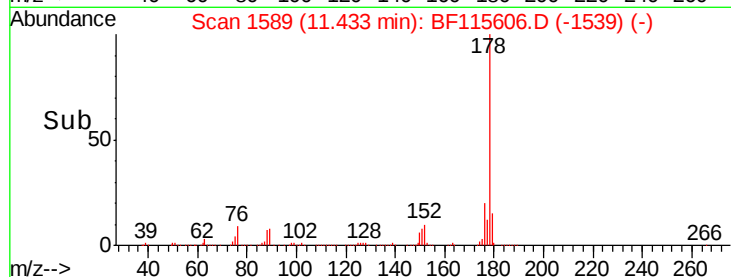
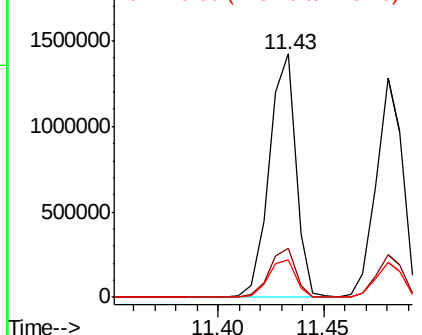
Tot Ion:178 Resp: 1254479
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 15.6 13.5 20.3

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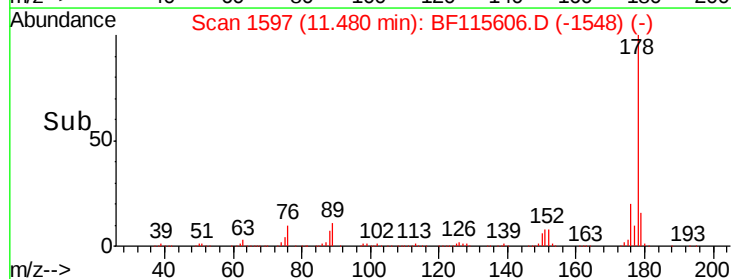
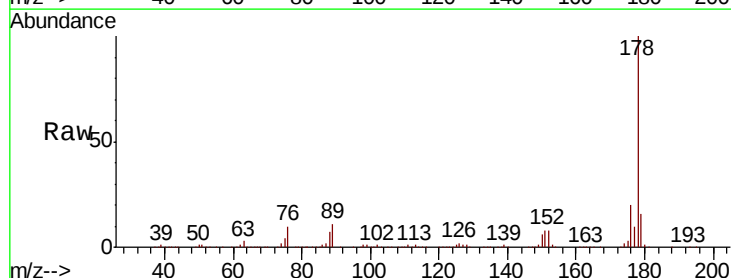
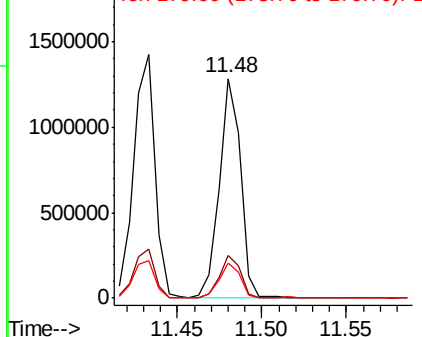
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

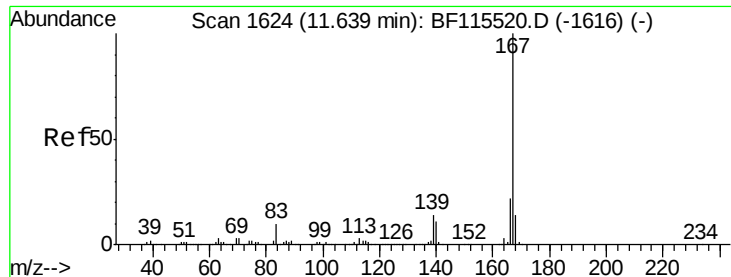


#72
Anthracene
Concen: 39.496 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:178 Resp: 1132872
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





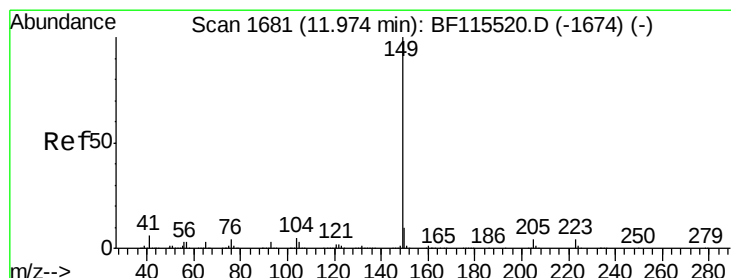
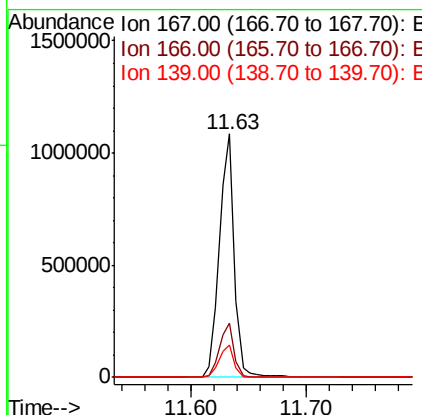
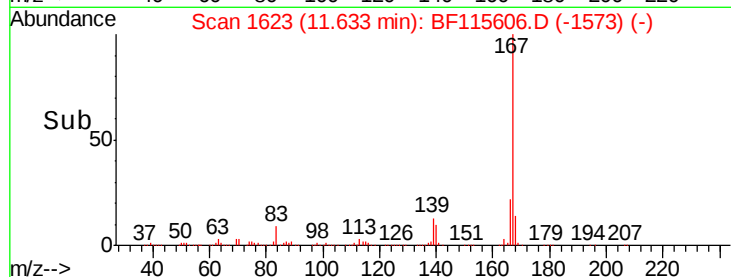
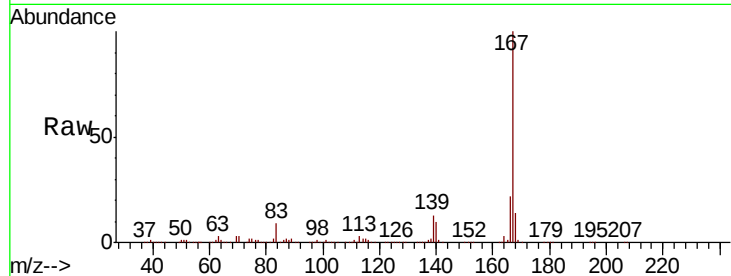
#73
 Carbazole
 Concen: 38.815 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampled :
 RT-1873MSD

Tot Ion:	167	Resp:	976291
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.1	27.1
139	13.1	11.3	16.9

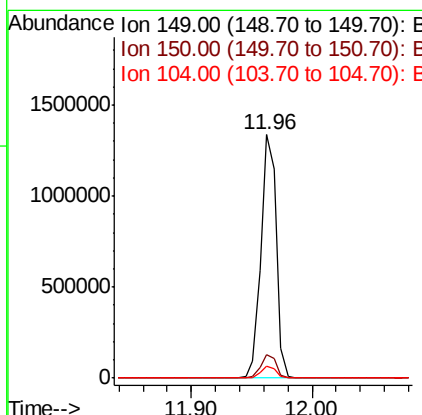
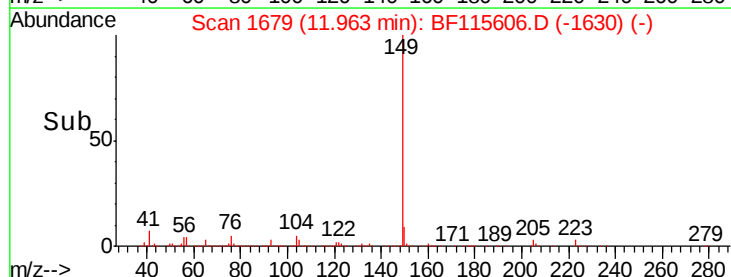
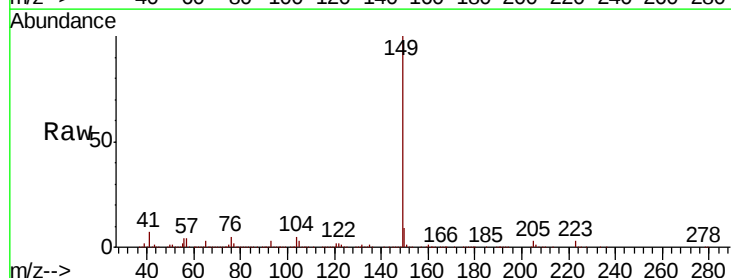
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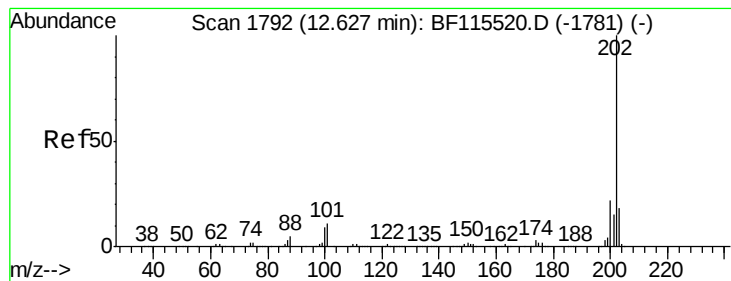
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#74
 Di-n-butylphthalate
 Concen: 38.254 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:	149	Resp:	1185187
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.1	3.8	5.8





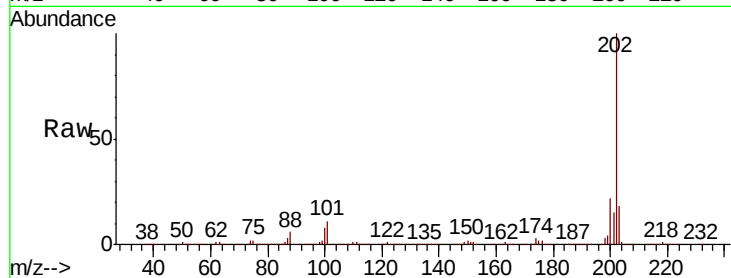
#75
 Fluoranthene
 Concen: 46.542 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RT-1873MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.9	0.0	38.1

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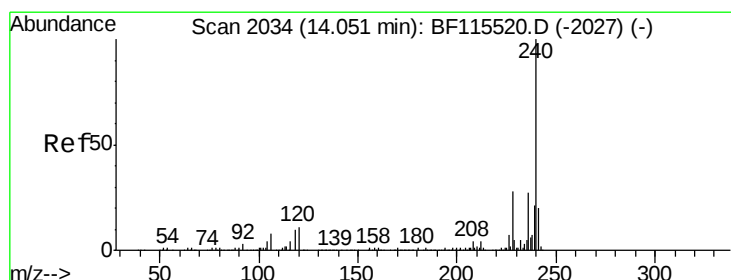
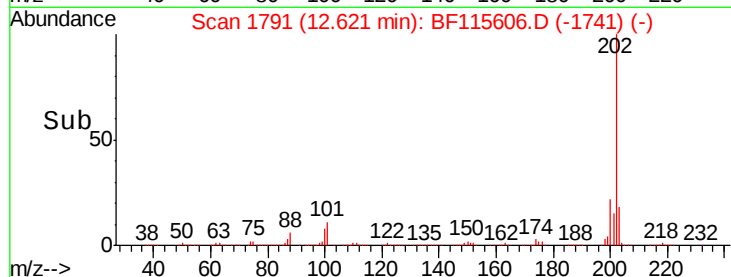
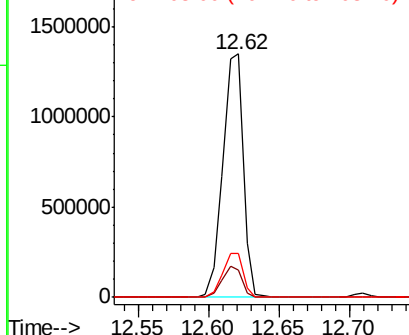


Abundance

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: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

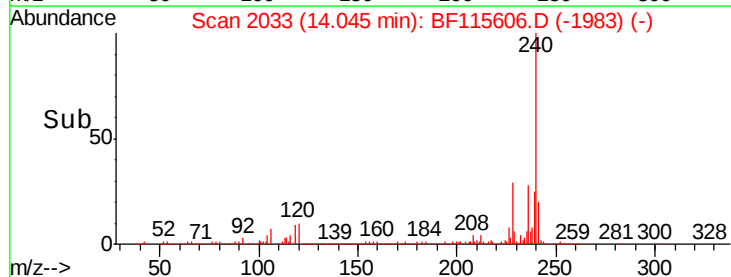
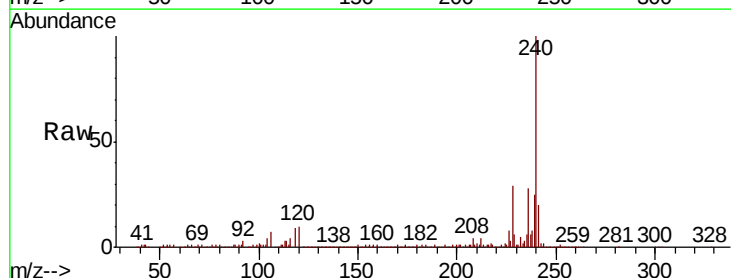
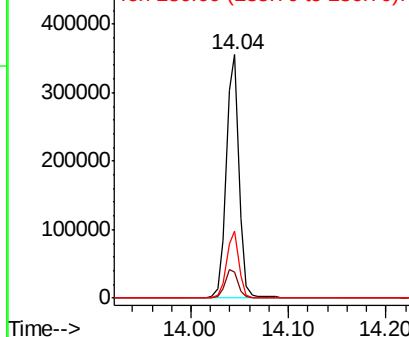
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	27.7	21.3	31.9

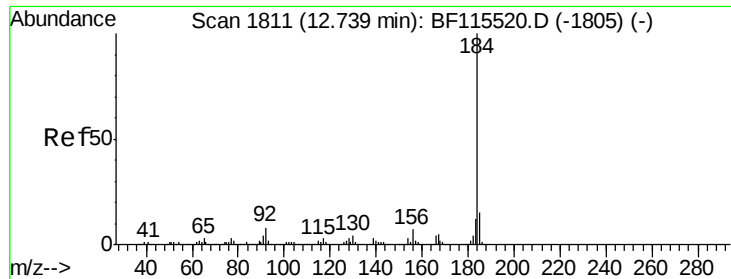
Abundance

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: 35.884 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

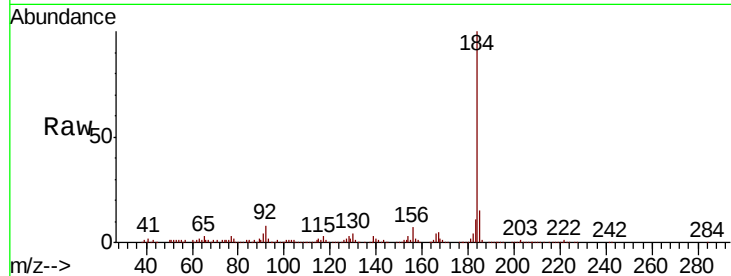
ClientSampleId :

RT-1873MSD

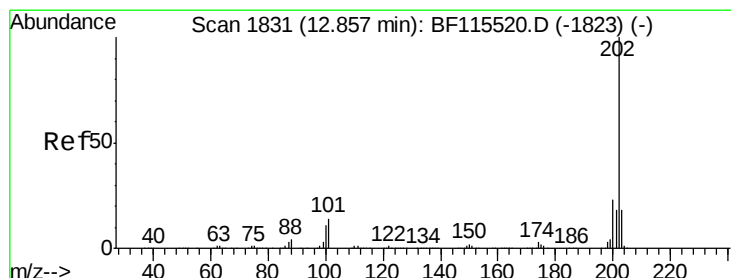
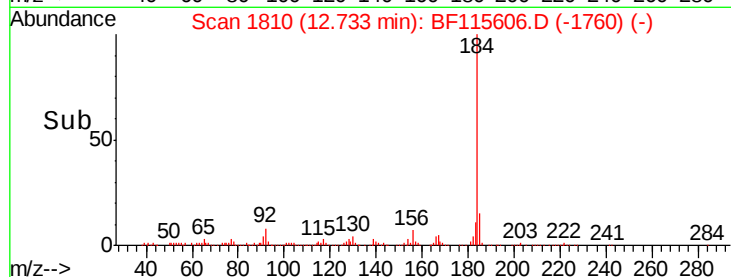
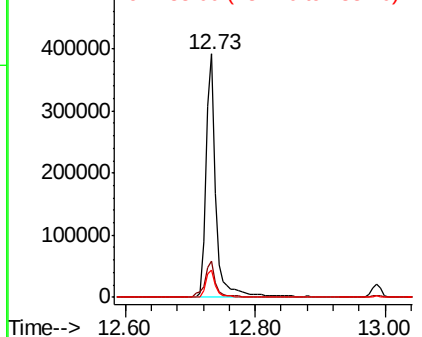
Tot Ion:	184	Resp:	412194
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.3	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.054 ng

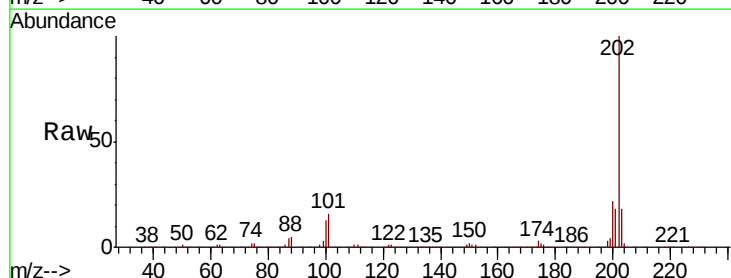
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

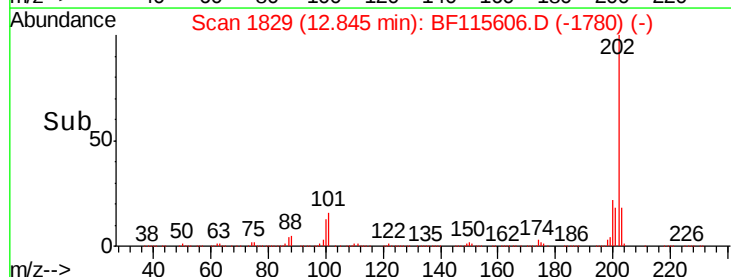
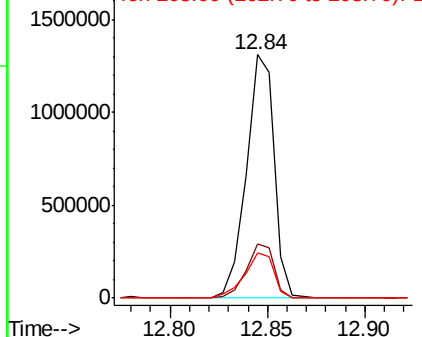
Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:	202	Resp:	1292685
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.7	28.1
203	18.4	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.031 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

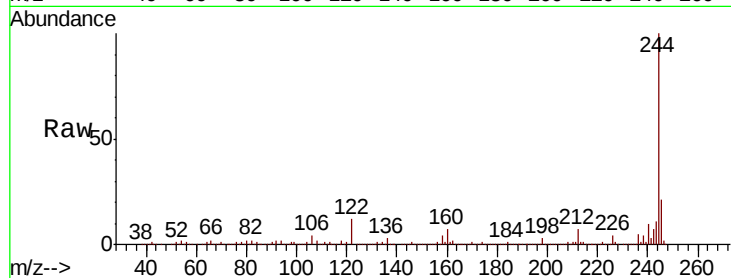
ClientSampleId :

RT-1873MSD

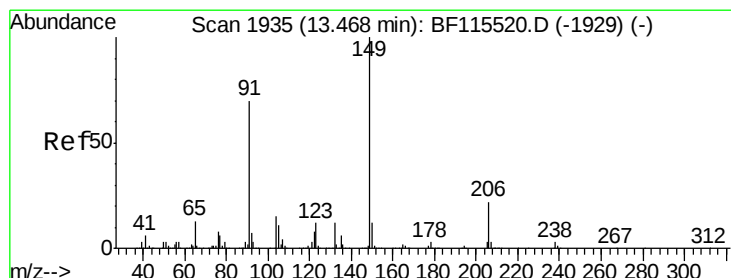
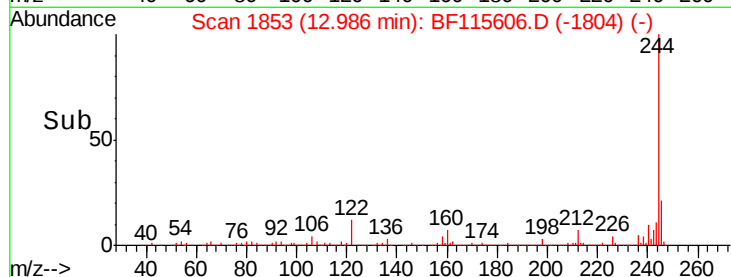
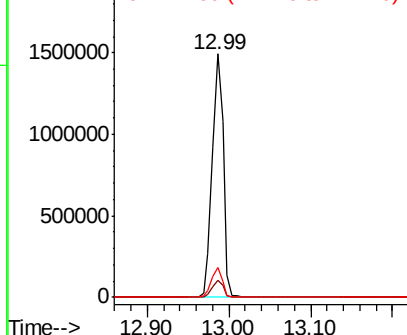
Tot Ion:	244	Resp:	1406411
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	12.5	8.6	12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.645 ng

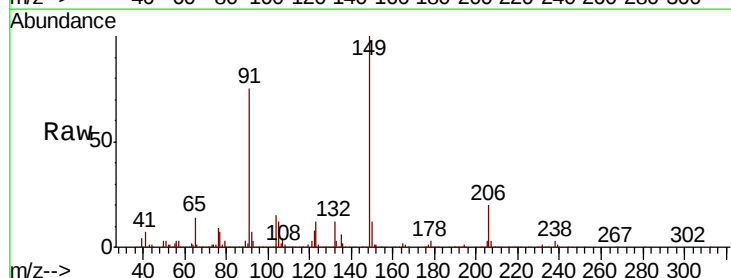
RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

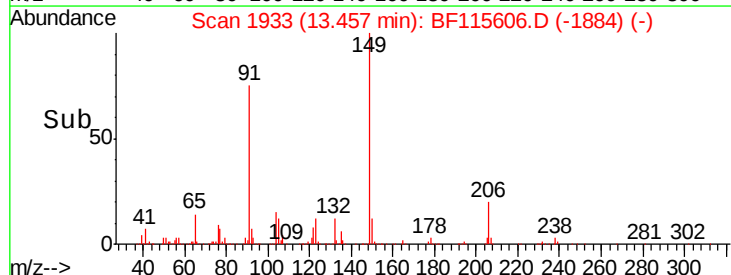
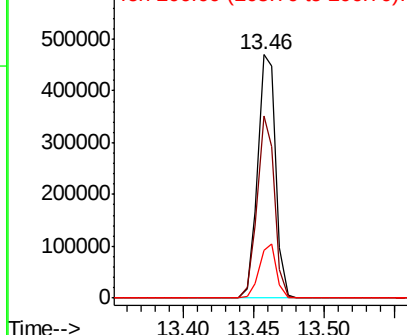
Lab File: BF115606.D

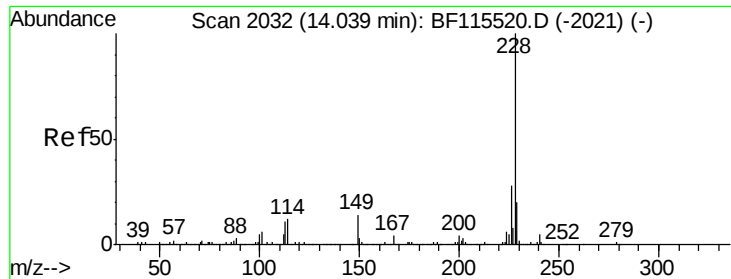
Acq: 16 Jul 2019 19:18

Tgt Ion:	149	Resp:	429162
Ion Ratio	Lower	Upper	
149	100		
91	75.0	55.8	83.8
206	19.8	18.2	27.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





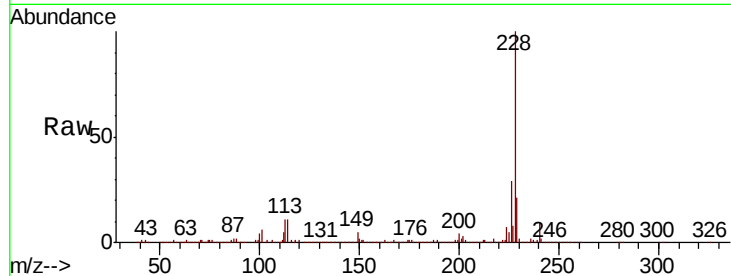
#81
Benzo(a)anthracene
Concen: 45.317 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.6	17.2	25.8

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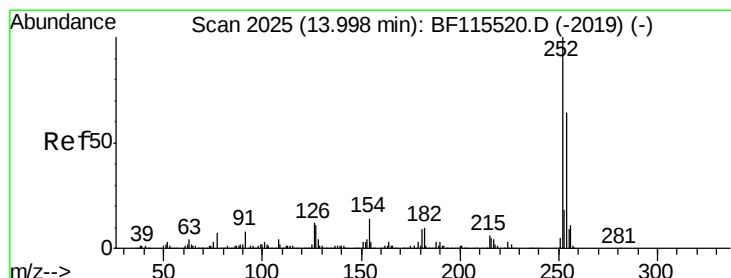
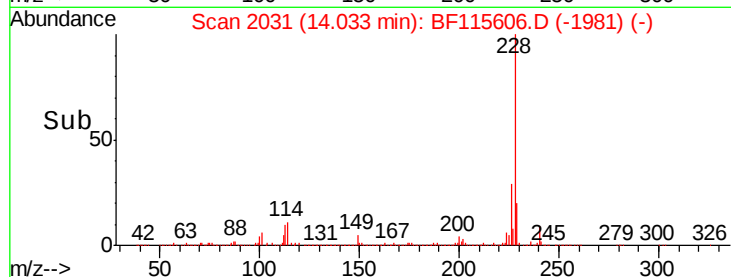
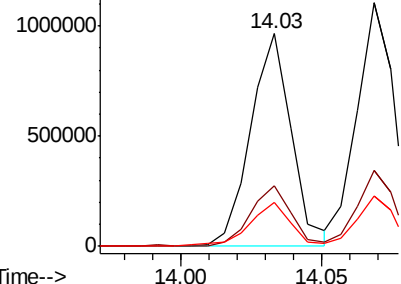


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 34.038 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

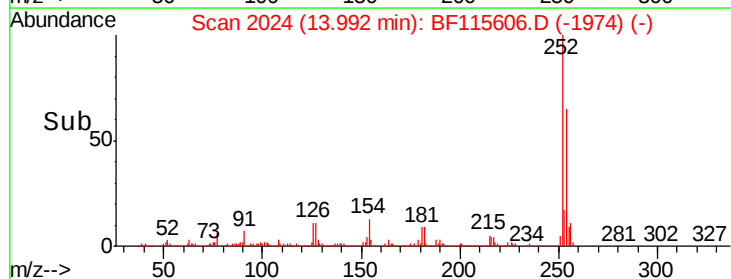
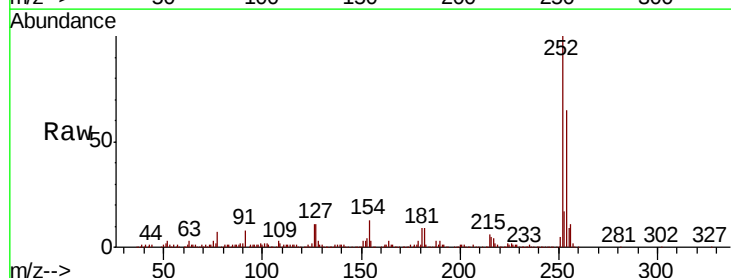
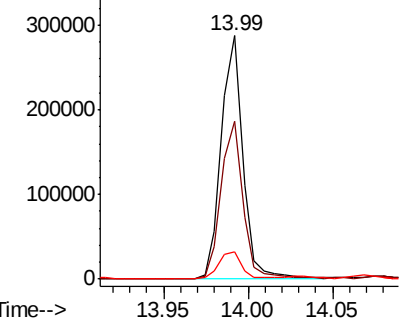
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.9	79.3
126	11.0	9.9	14.9

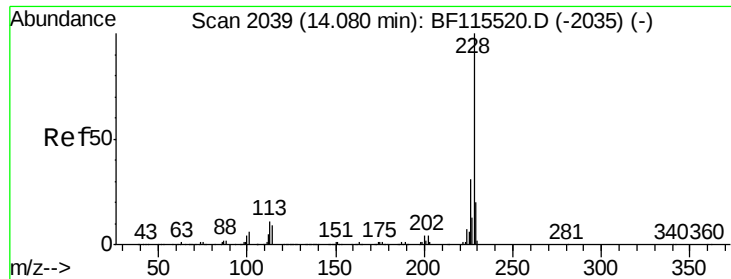
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





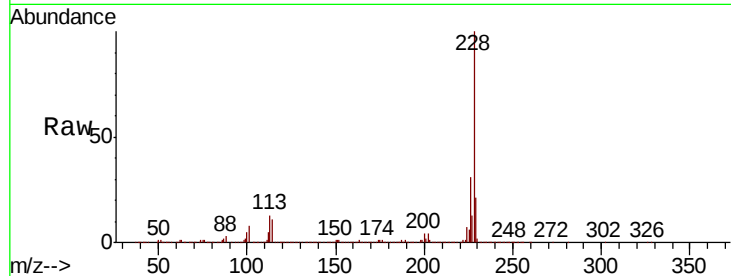
#83
Chrysene
Concen: 46.747 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :
RT-1873MSD

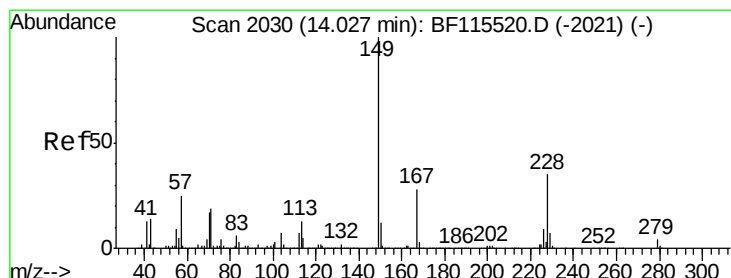
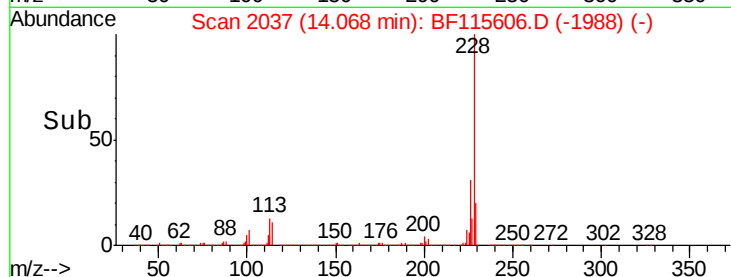
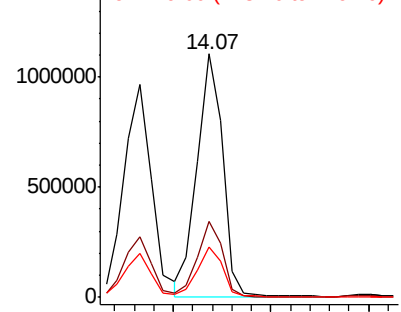
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	20.6	16.6	25.0

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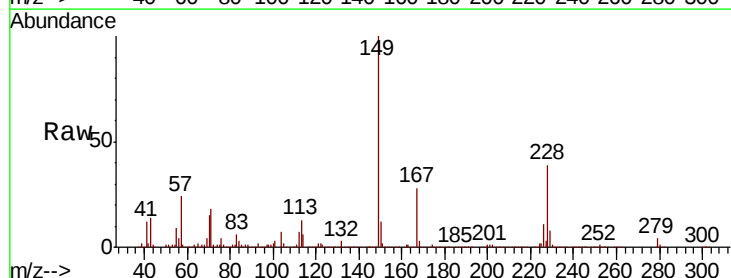


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

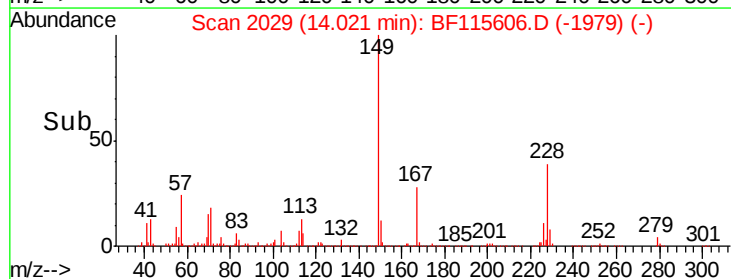
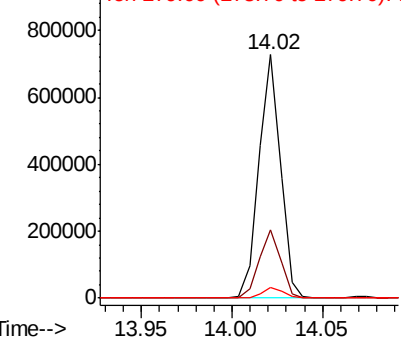


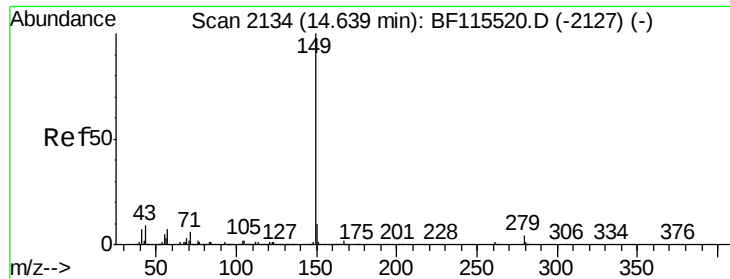
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.292 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.2	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





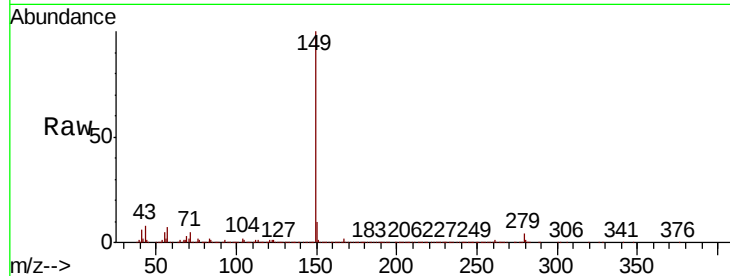
#85
Di-n-octyl phthalate
Concen: 45.538 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.3	7.2	10.8

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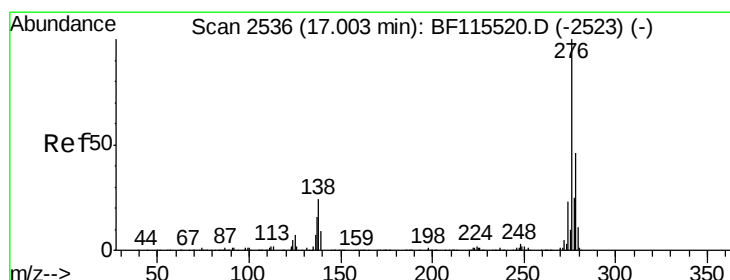
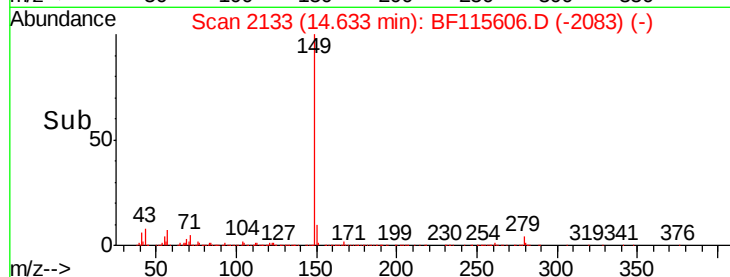
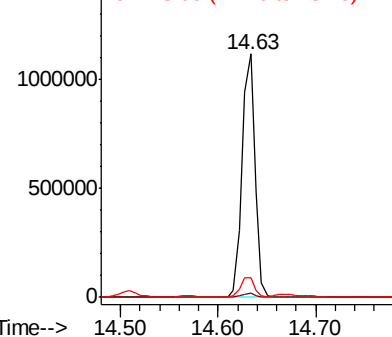


Abundance

Ion 149.00 (148.70 to 149.70): E

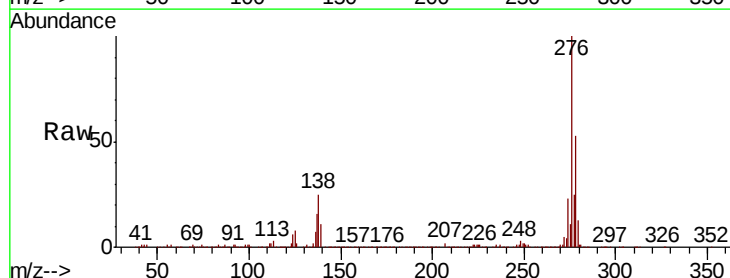
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.381 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.2	30.2
277	25.2	20.4	30.6

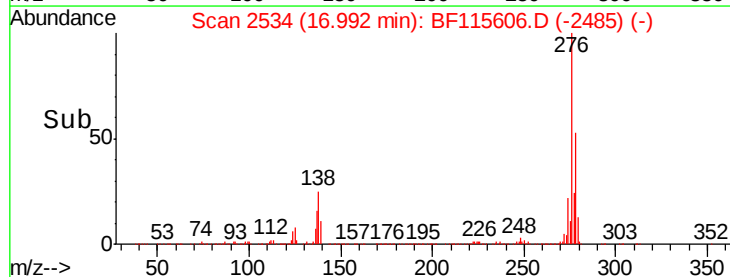
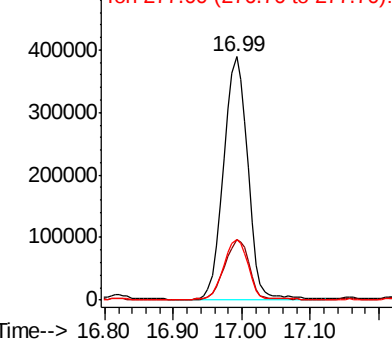


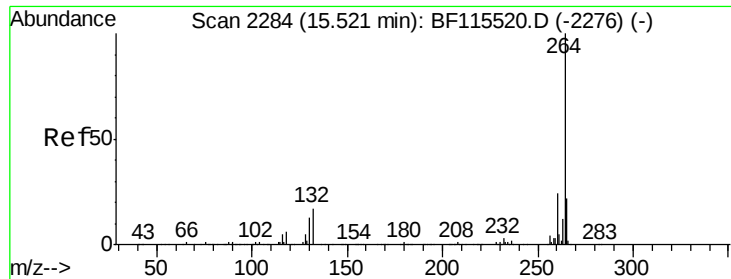
Abundance

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

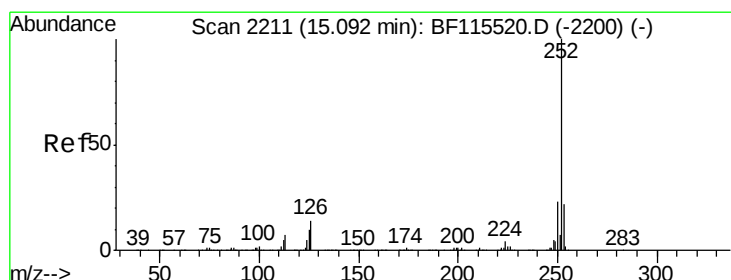
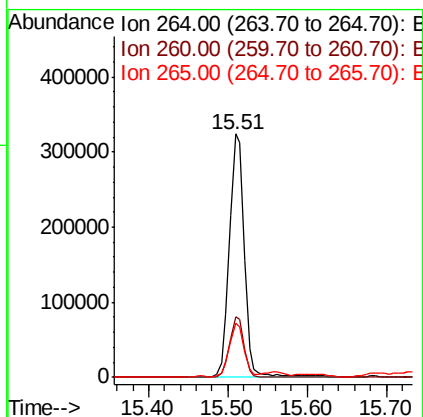
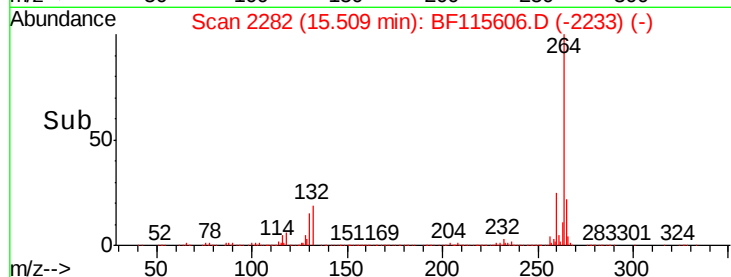
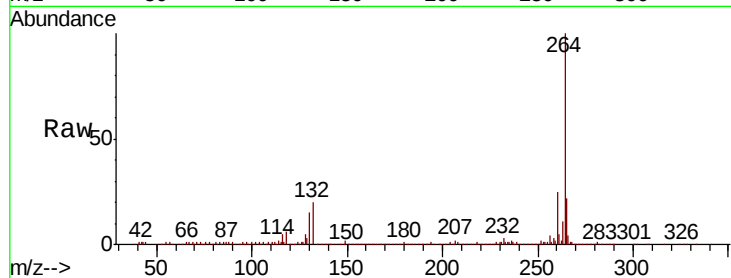
ClientSampleId :

RT-1873MSD

Tot Ion:	264	Resp:	422084
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.8	29.8
265	22.3	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 40.346 ng

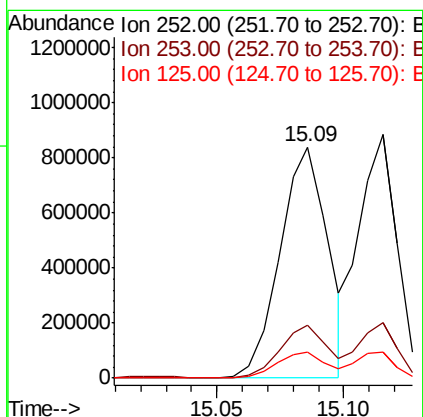
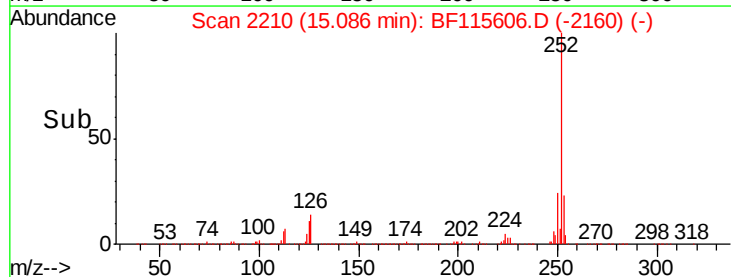
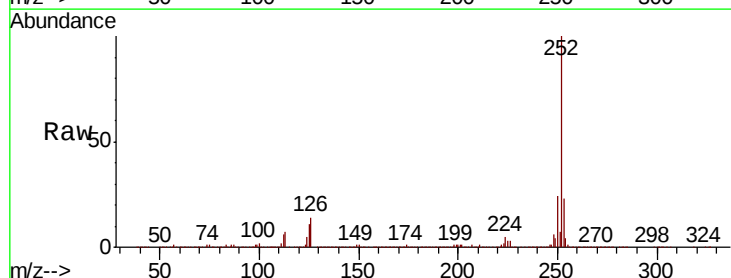
RT: 15.09 min Scan# 2210

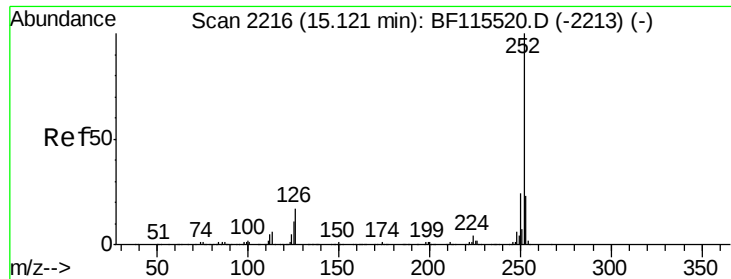
Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:	252	Resp:	1096545
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.4





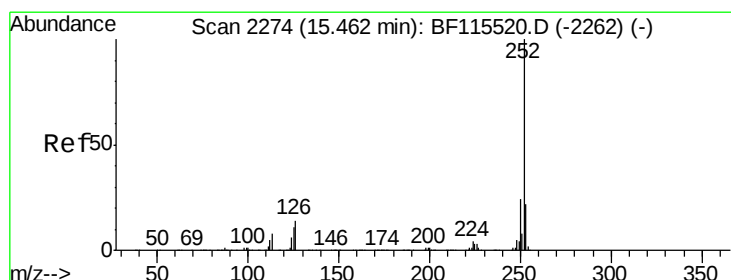
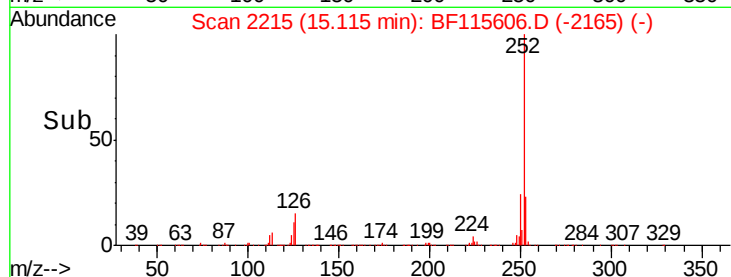
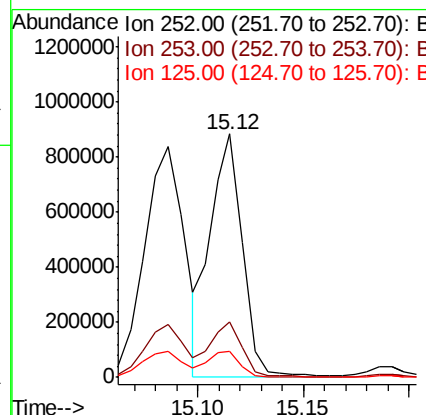
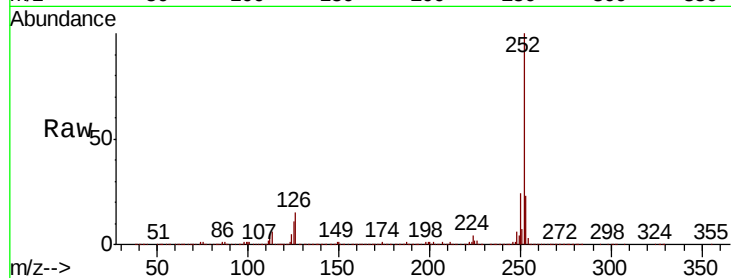
#89
Benzo(k)fluoranthene
Concen: 38.677 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	10.8	9.0	13.6

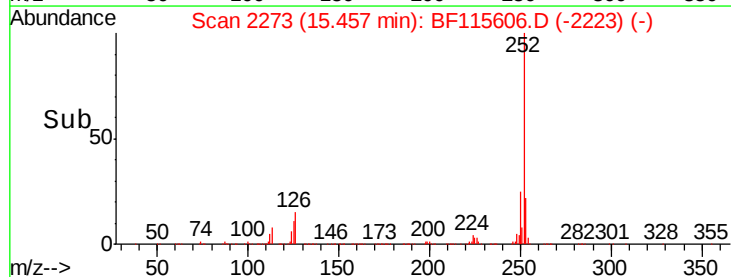
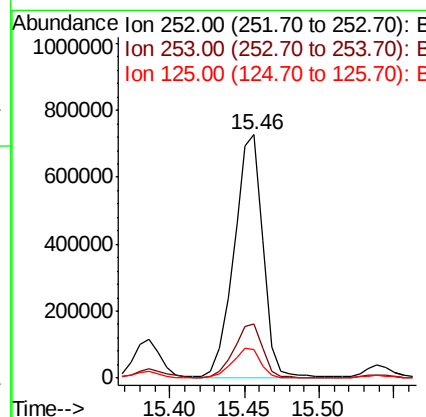
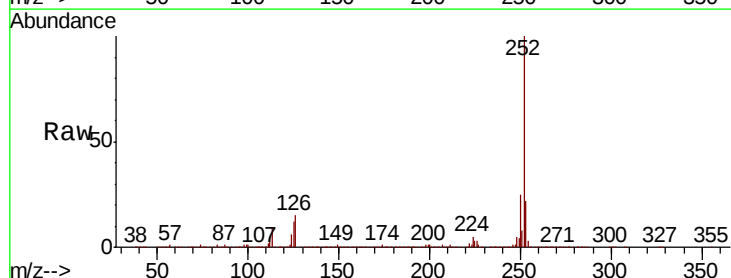
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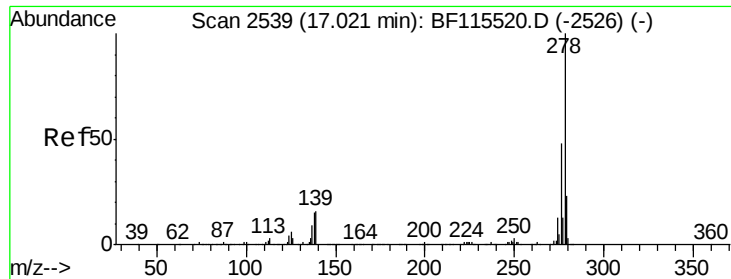
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#90
Benzo(a)pyrene
Concen: 42.107 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.8	9.1	13.7





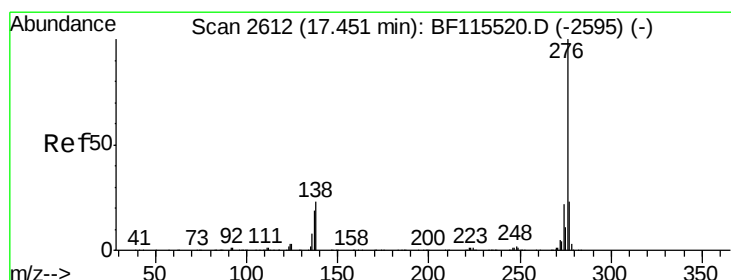
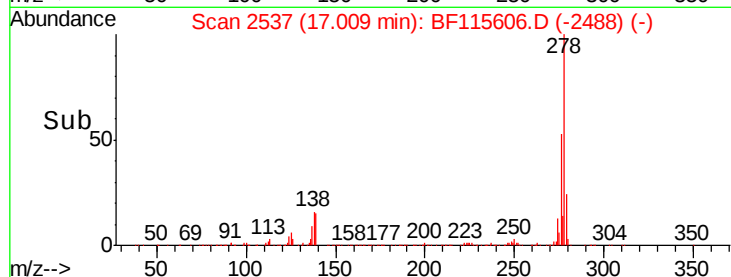
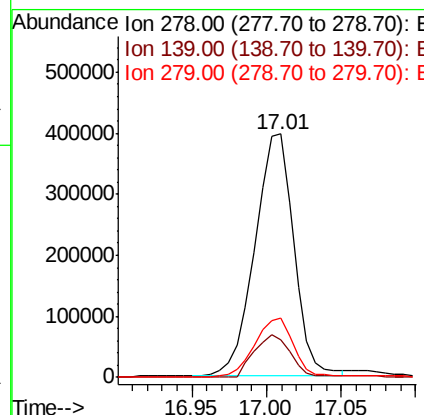
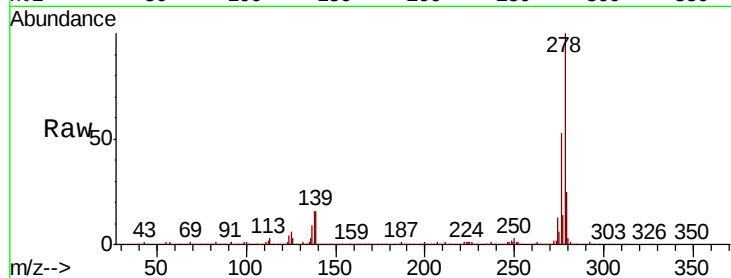
#91
Dibenzo(a,h)anthracene
Concen: 34.859 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :
RT-1873MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	24.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/17/2019 12:06:30 PM



#92
Benzo(g,h,i)perylene
Concen: 37.184 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.7	17.2	25.8

