

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115787.D
 Acq On : 26 Jul 2019 14:36
 Operator : HP/JU
 Sample : PB121741BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

Manual Integrations
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 7/29/2019 5:28:53 PM

Quant Time: Jul 26 18:21:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165847	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	664467	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	339820	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	627893	20.00	ng	0.00
76) Chrysene-d12	14.03	240	411260	20.00	ng	0.00
87) Perylene-d12	15.50	264	306435	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	809672	79.86	ng	0.01
7) Phenol-d6	6.50	99	1036787	80.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	972663	85.12	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	308718	77.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1781842	91.78	ng	0.00
79) Terphenyl-d14	12.97	244	1766178	79.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	182077	36.001	ng	100
3) Pyridine	3.51	79	455029	33.161	ng	99
4) n-Nitrosodimethylamine	3.46	42	206255	41.434	ng	97
6) Aniline	6.53	93	446192	24.921	ng	99
8) 2-Chlorophenol	6.66	128	467721	40.123	ng	99
9) Benzaldehyde	6.42	77	149700	18.620	ng	97
10) Phenol	6.52	94	594504	39.806	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	441017	38.785	ng	98
12) 1,3-Dichlorobenzene	6.81	146	486723	37.136	ng	98
13) 1,4-Dichlorobenzene	6.89	146	503530	38.505	ng	98
14) 1,2-Dichlorobenzene	7.05	146	456626	38.198	ng	99
15) Benzyl Alcohol	7.02	79	383321	37.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	604814	40.402	ng	98
17) 2-Methylphenol	7.13	107	408472	40.660	ng	98
18) Hexachloroethane	7.39	117	185278	38.172	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	329130	39.226	ng	99
20) 3+4-Methylphenols	7.27	107	465611	39.019	ng	96
22) Acetophenone	7.28	105	639088	42.574	ng	# 99
24) Nitrobenzene	7.45	77	515262	41.805	ng	97
25) Isophorone	7.69	82	955875	41.803	ng	99
26) 2-Nitrophenol	7.77	139	263728	41.570	ng	98
27) 2,4-Dimethylphenol	7.80	122	446815	47.071	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	588222	41.932	ng	99
29) 2,4-Dichlorophenol	8.01	162	420709	42.616	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	449746	40.303	ng	98
31) Naphthalene	8.17	128	1370675	42.594	ng	100
32) Benzoic acid	7.95	122	294538	37.809	ng	98
33) 4-Chloroaniline	8.22	127	359492	25.220	ng	98
34) Hexachlorobutadiene	8.29	225	252994	39.535	ng	98
35) Caprolactam	8.60	113	123880m	40.609	ng	
36) 4-Chloro-3-methylphenol	8.71	107	436383	42.614	ng	97
37) 2-Methylnaphthalene	8.87	142	940640	44.097	ng	100
38) 1-Methylnaphthalene	8.96	142	874691	43.170	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	423912	41.425	ng	99

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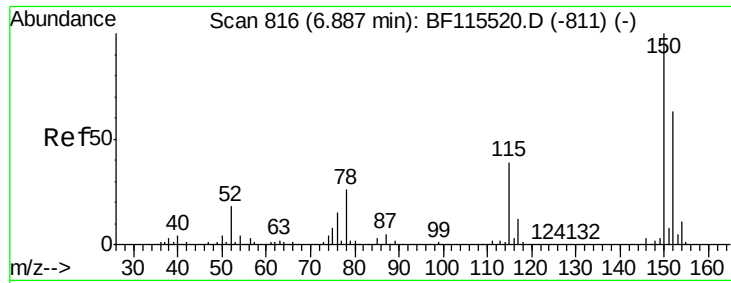
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Quant Time: Jul 26 18:21:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	330056	56.542	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	288776	38.589	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	301607	39.355	nq	98
46) 1,1'-Biphenyl	9.33	154	1131697	42.598	nq	99
47) 2-Chloronaphthalene	9.36	162	890397	40.251	nq	100
48) 2-Nitroaniline	9.45	65	274763	40.131	nq	99
49) Acenaphthylene	9.77	152	1356973	41.399	nq	99
50) Dimethylphthalate	9.63	163	1058113	41.386	nq	99
51) 2,6-Dinitrotoluene	9.69	165	233649	40.213	nq	97
52) Acenaphthene	9.95	154	820423	38.769	nq	99
53) 3-Nitroaniline	9.86	138	174000	26.206	nq	96
54) 2,4-Dinitrophenol	9.97	184	219189	73.477	nq	93
55) Dibenzofuran	10.12	168	1217494	40.512	nq	100
56) 4-Nitrophenol	10.03	139	318830	62.971	nq	98
57) 2,4-Dinitrotoluene	10.10	165	304880	40.502	nq	97
58) Fluorene	10.46	166	904772	42.114	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	261173	40.767	nq	99
60) Diethylphthalate	10.33	149	1000398	41.761	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	463786	38.928	nq	98
62) 4-Nitroaniline	10.47	138	230784	36.236	nq	99
63) Azobenzene	10.61	77	1011547	43.534	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	151668	39.536	nq	99
66) n-Nitrosodiphenylamine	10.57	169	820494	42.009	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	289696	40.374	nq	99
68) Hexachlorobenzene	11.01	284	320515	39.115	nq	# 89
69) Atrazine	11.09	200	263119	41.065	nq	100
70) Pentachlorophenol	11.20	266	342244	68.288	nq	100
71) Phenanthrene	11.42	178	1307497	40.624	nq	100
72) Anthracene	11.47	178	1354486	40.721	nq	100
73) Carbazole	11.62	167	1197267	41.047	nq	99
74) Di-n-butylphthalate	11.95	149	1506431	41.928	nq	100
75) Fluoranthene	12.61	202	1351219	39.729	nq	100
77) Benzidine	12.72	184	341960	23.472	nq	99
78) Pyrene	12.84	202	1353331	38.840	nq	99
80) Butylbenzylphthalate	13.44	149	617806	41.593	nq	99
81) Benzo(a)anthracene	14.02	228	1096051	40.454	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	316304	32.840	nq	99
83) Chrysene	14.06	228	1068738	39.294	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	851828	46.298	nq	99
85) Di-n-octyl phthalate	14.62	149	1381578	47.194	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	861055	37.263	nq	99
88) Benzo(b)fluoranthene	15.07	252	957702	48.536	nq	99
89) Benzo(k)fluoranthene	15.10	252	947106	53.837	nq	99
90) Benzo(a)pyrene	15.44	252	877792	51.759	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	744697	50.018	nq	99
92) Benzo(g,h,i)perylene	17.42	276	690570	46.507	nq	99

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



#1

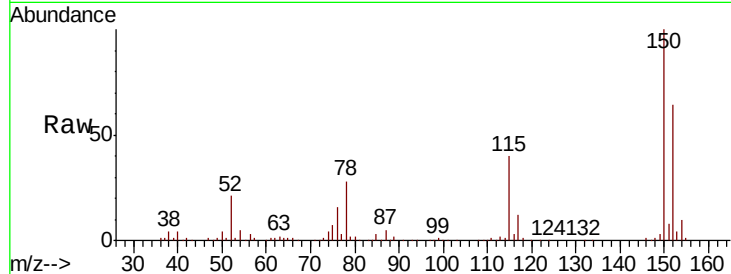
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	61.7	47.8	71.6

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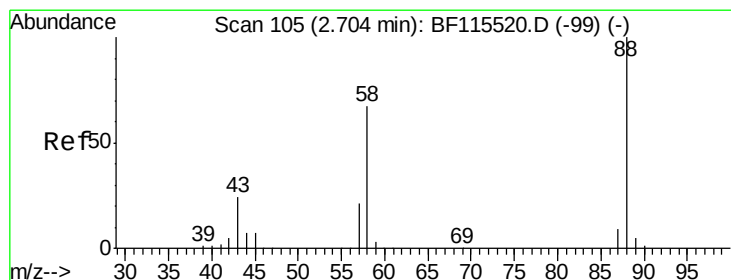
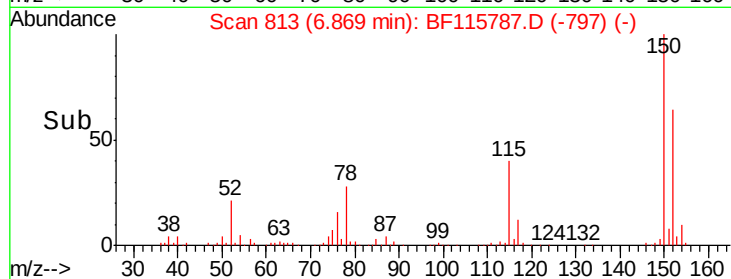
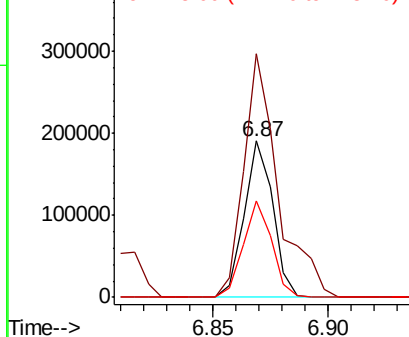


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

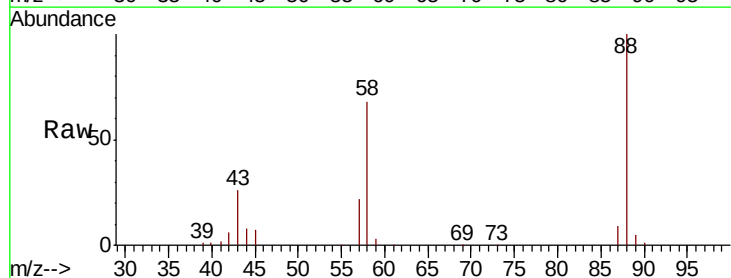
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.001 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.12 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	54.2	81.4
43	25.8	20.8	31.2

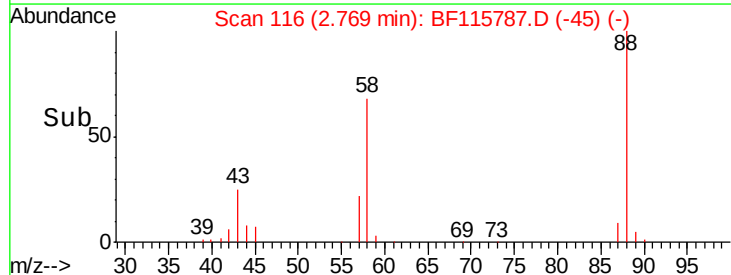
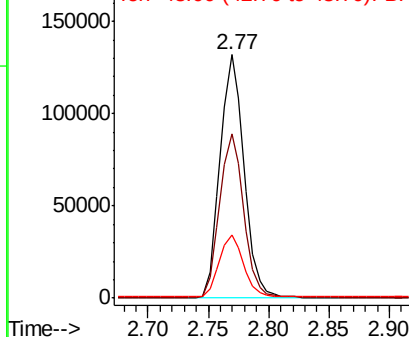


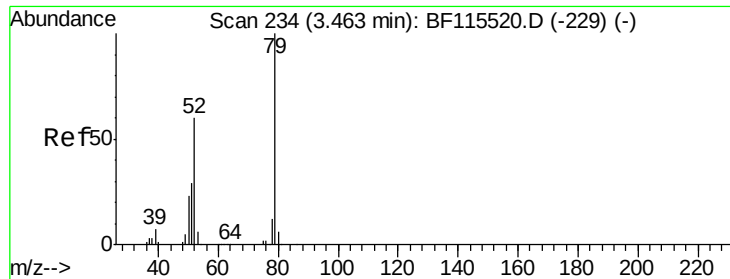
Abundance

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





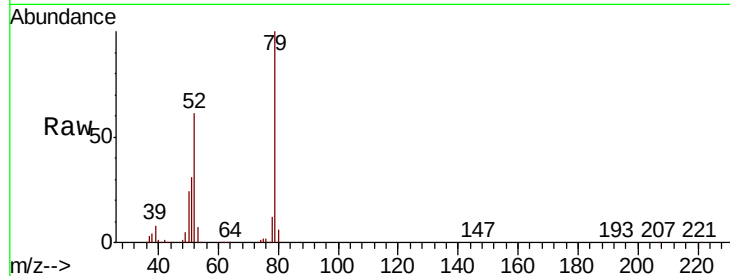
#3
 Pvridine
 Concen: 33.161 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.3	48.4	72.6
51	31.2	24.8	37.2

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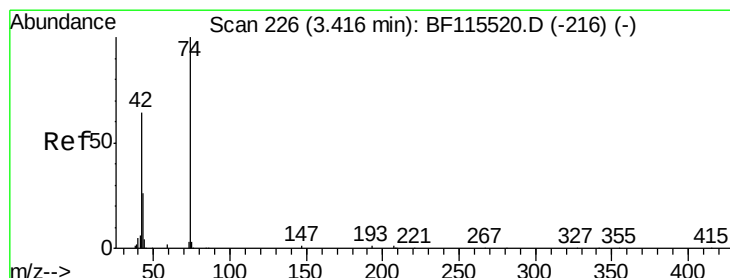
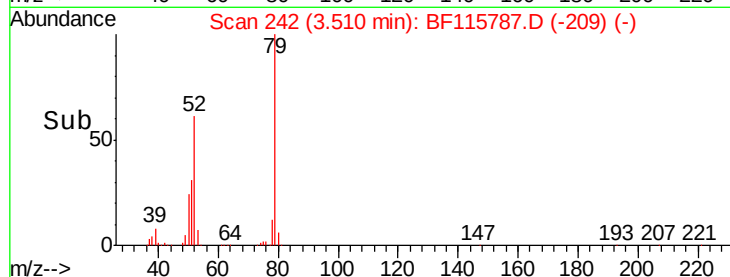
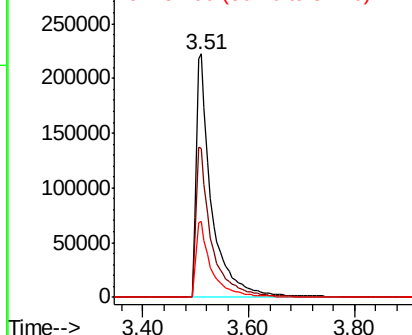


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4
 n-Nitrosodimethylamine
 Concen: 41.434 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

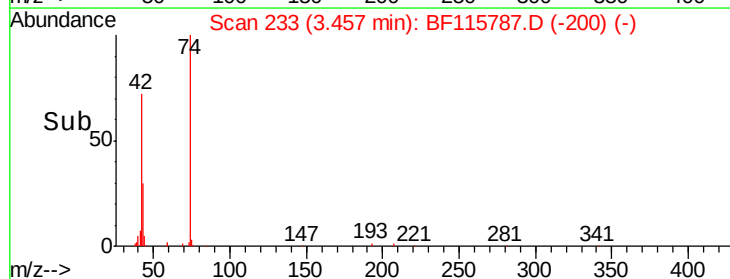
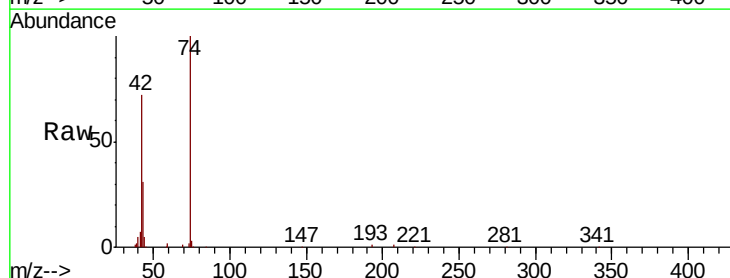
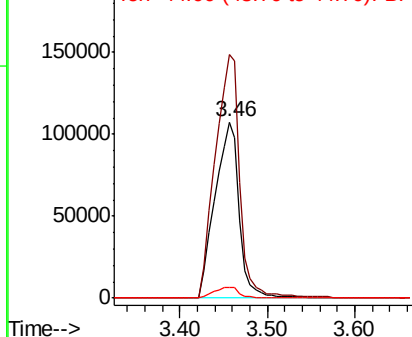
Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.4	113.4	170.0
44	6.4	5.1	7.7

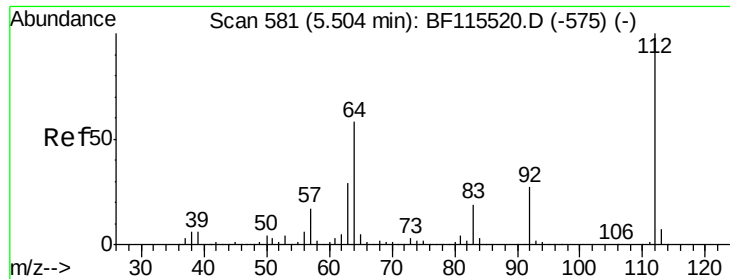
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.856 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

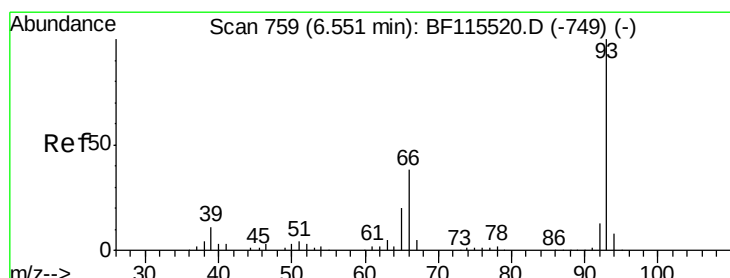
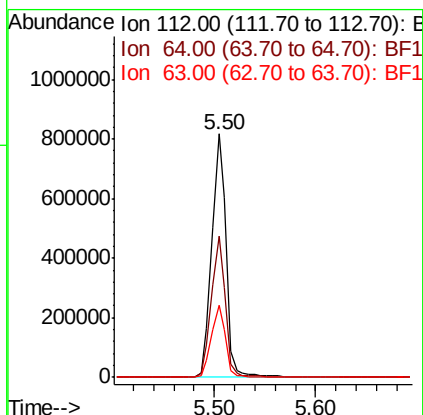
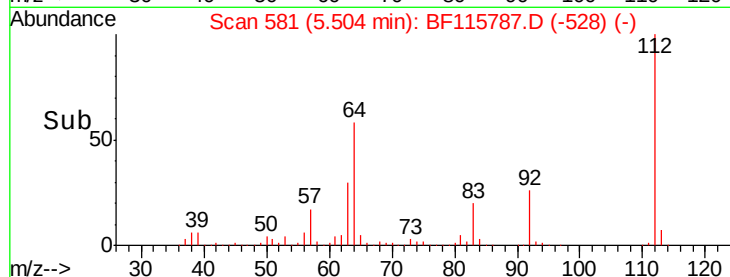
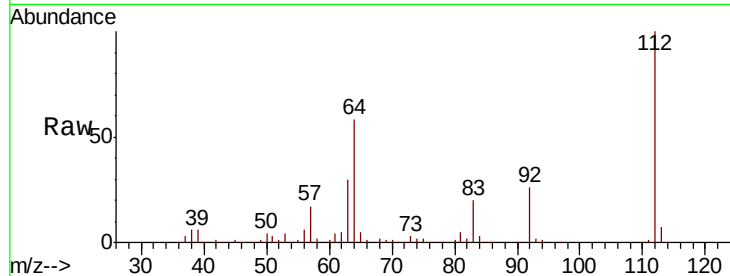
ClientSampleId :

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Tot Ion:	112	Resp:	809672
Ion Ratio	Lower	Upper	
112	100		
64	57.8	45.8	68.8
63	29.8	23.6	35.4

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#6

Aniline

Concen: 24.921 ng

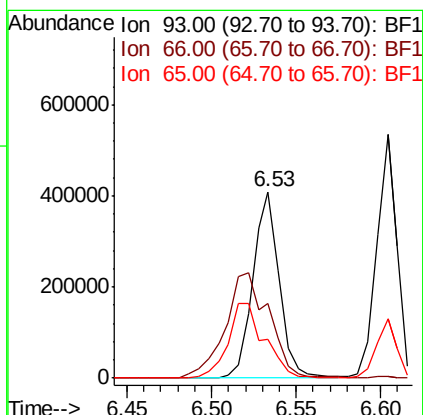
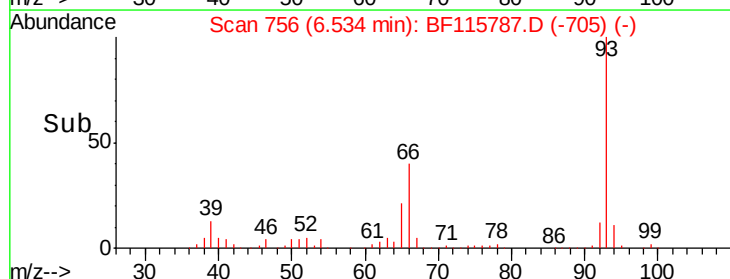
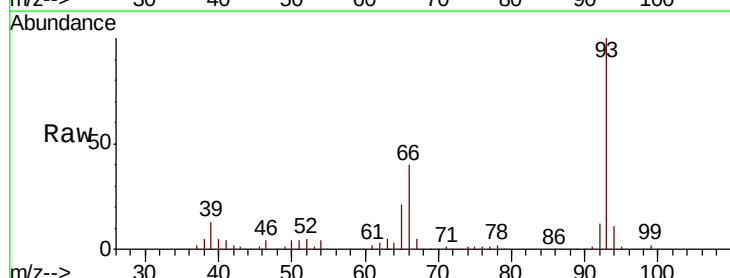
RT: 6.53 min Scan# 756

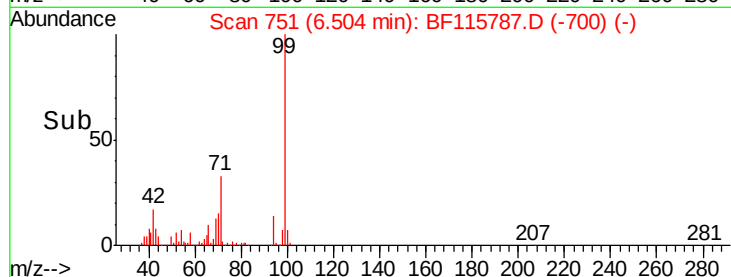
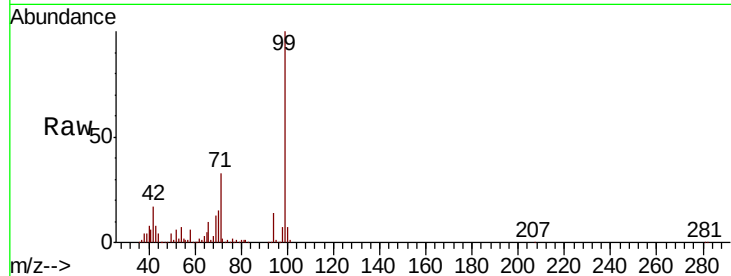
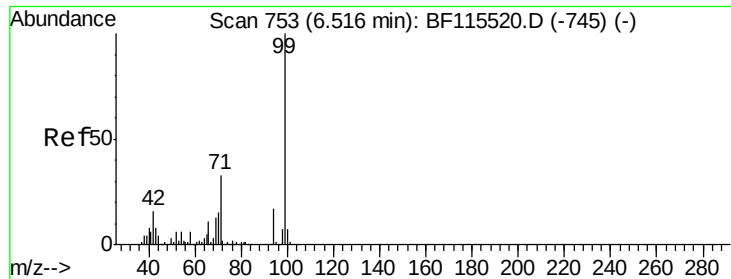
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	446192
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.2	48.2
65	20.8	16.5	24.7





#7

Phenol-d6

Concen: 80.587 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tot Ion:	99	Resp:	1036787
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	33.2	26.7	40.1

Instrument :

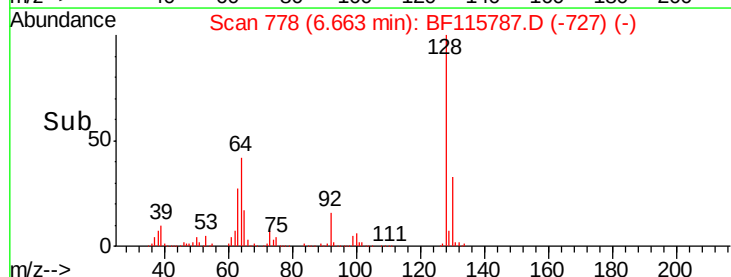
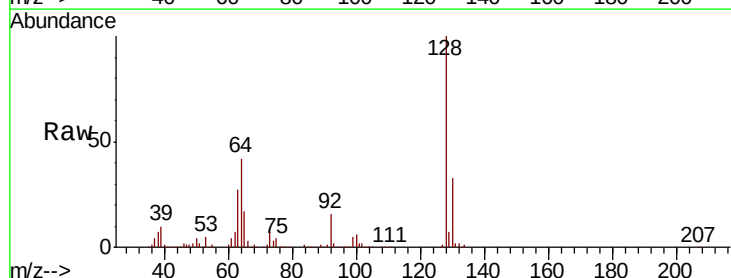
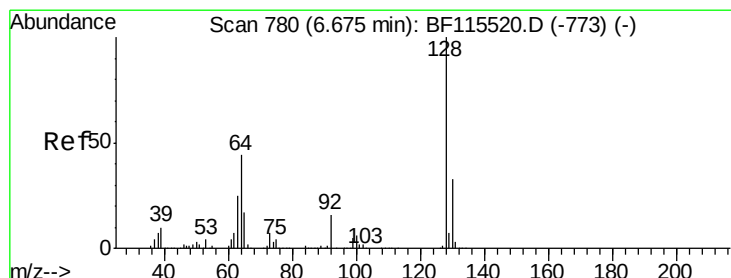
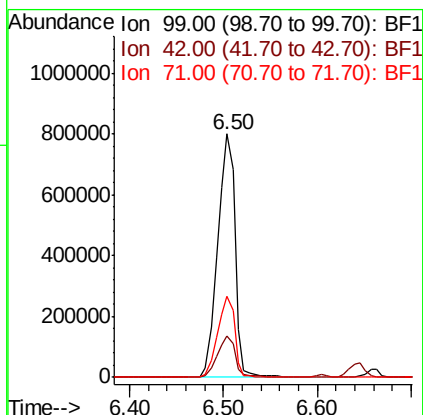
BNA_F

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#8

2-Chlorophenol

Concen: 40.123 ng

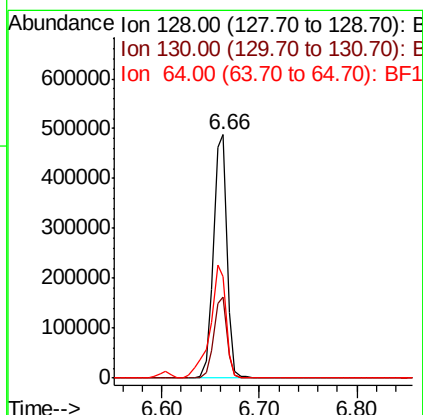
RT: 6.66 min Scan# 778

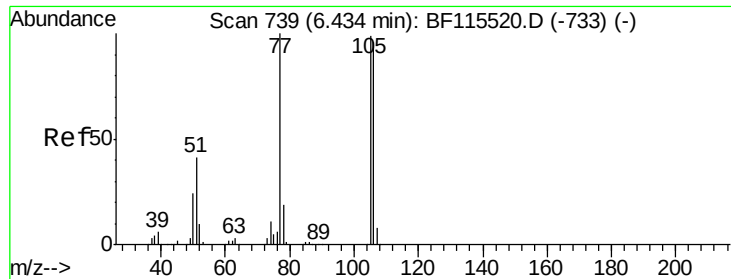
Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:	128	Resp:	467721
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.8	53.8
64	41.9	22.4	62.4





#9

Benzaldehyde

Concen: 18.620 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

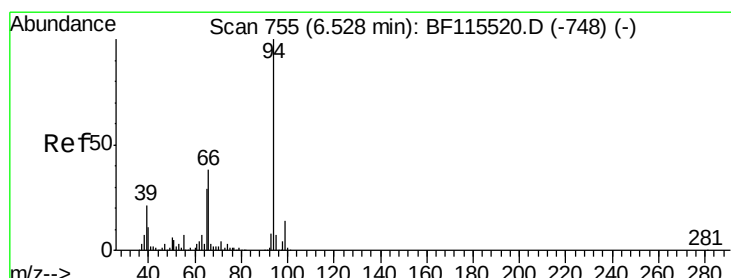
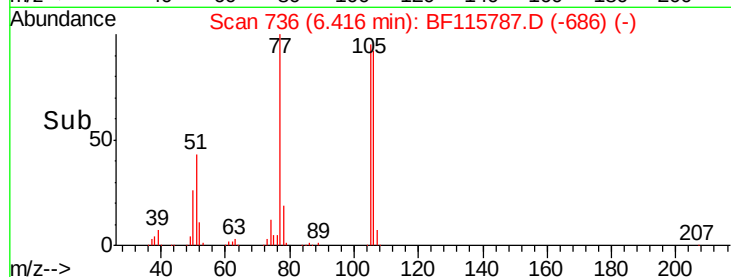
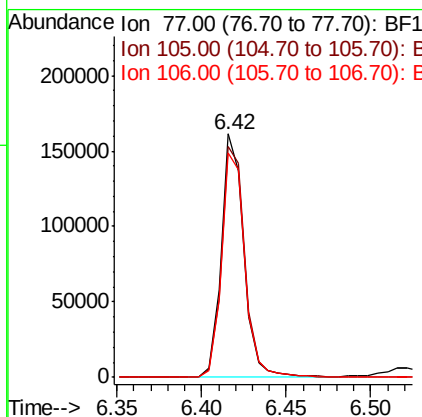
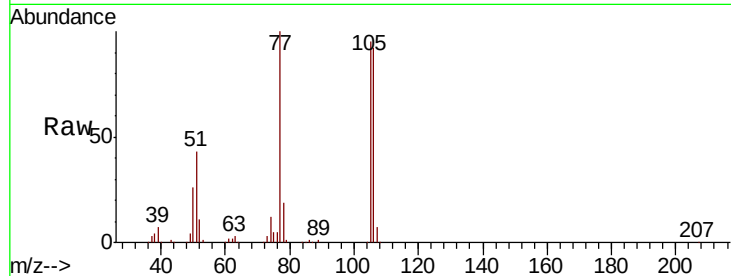
ClientSampleId :

PB121741BSD

Tot Ion:	77	Resp:	149700
Ion	Ratio	Lower	Upper
77	100		
105	94.6	77.5	117.5
106	92.2	74.7	114.7

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#10

Phenol

Concen: 39.806 ng

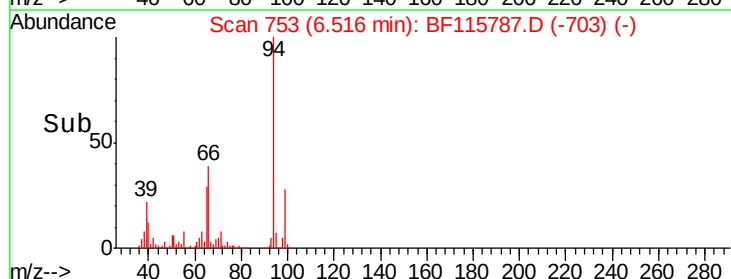
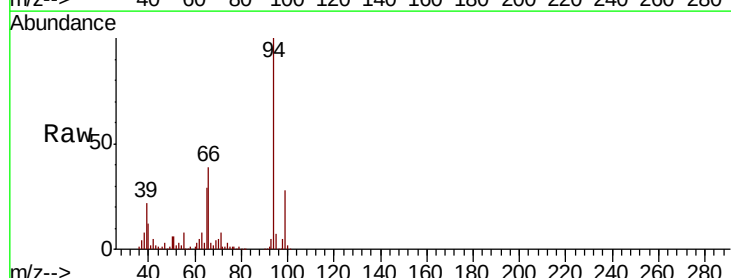
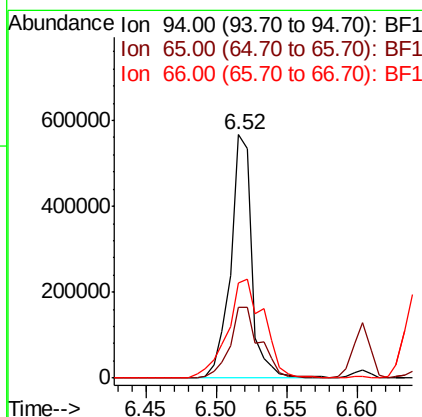
RT: 6.52 min Scan# 753

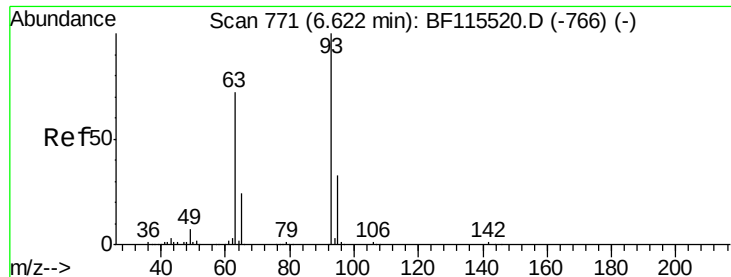
Delta R.T. -0.01 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:	94	Resp:	594504
Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.2	51.2
66	39.1	24.4	64.4





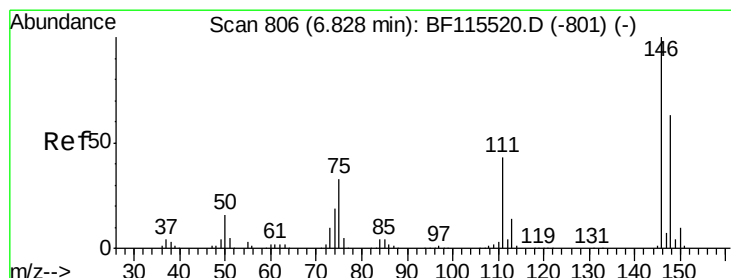
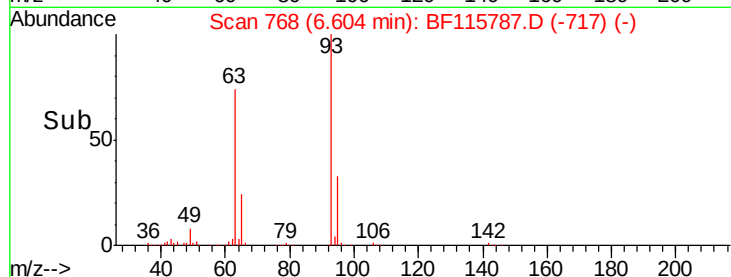
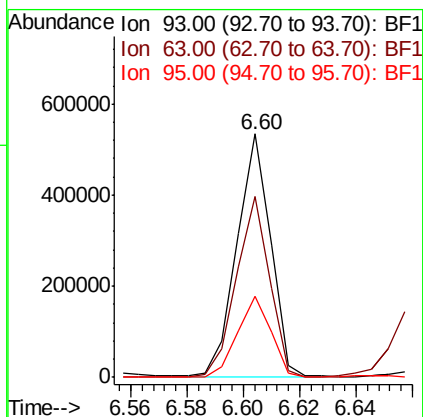
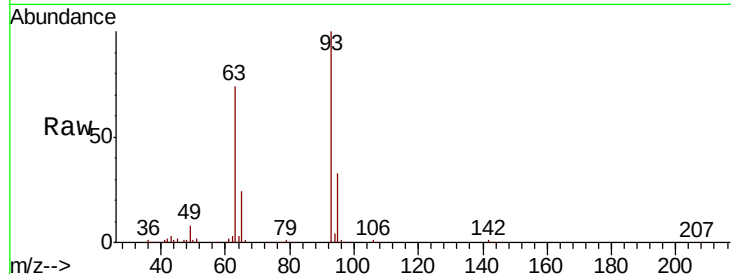
#11
bis(2-Chloroethyl)ether
Concen: 38.785 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	56.2	96.2
95	33.1	12.1	52.1

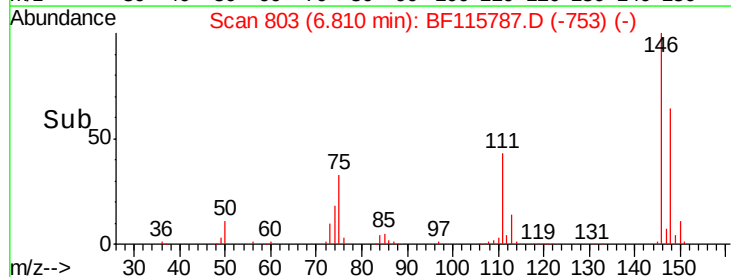
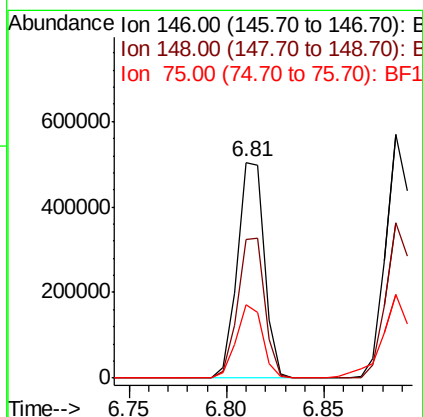
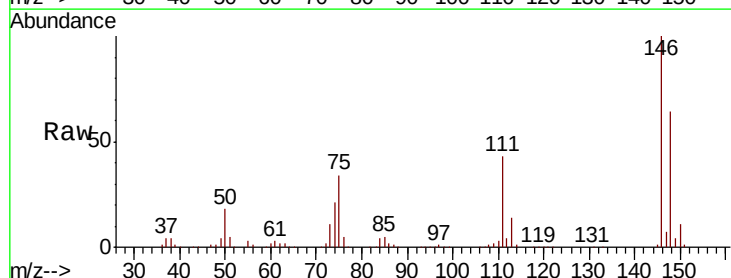
Manual Integrations
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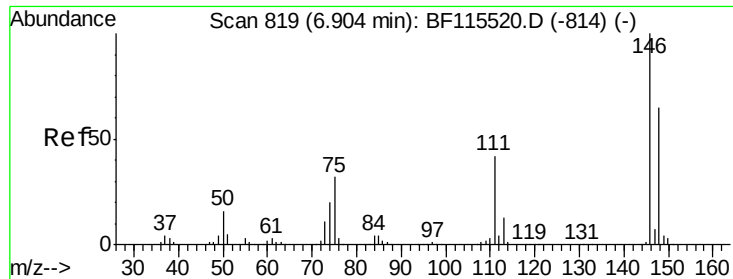
mohammad
7/29/2019 5:28:53 PM



#12
1,3-Dichlorobenzene
Concen: 37.136 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	34.3	25.3	37.9





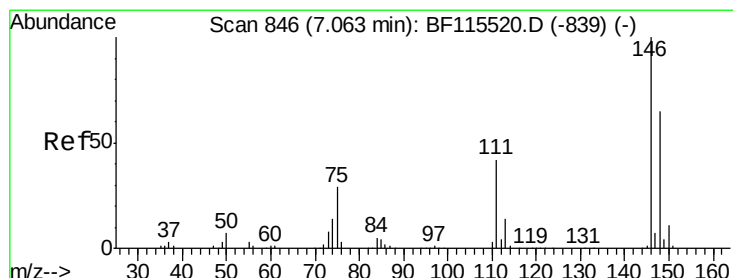
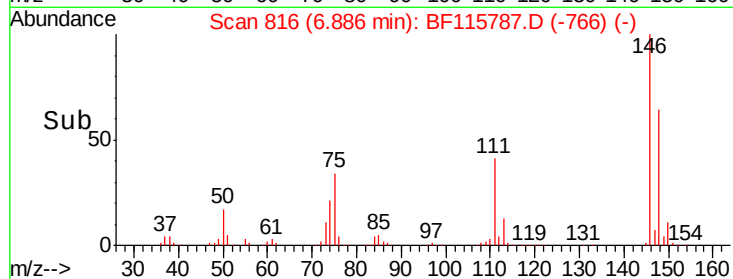
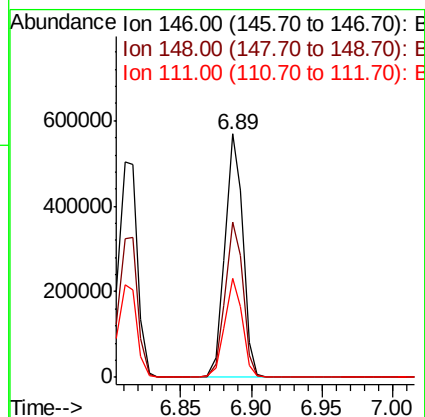
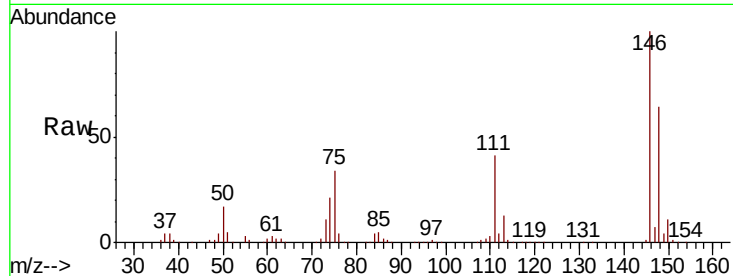
#13
1,4-Dichlorobenzene
Concen: 38.505 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.7	79.1
111	40.9	32.2	48.4

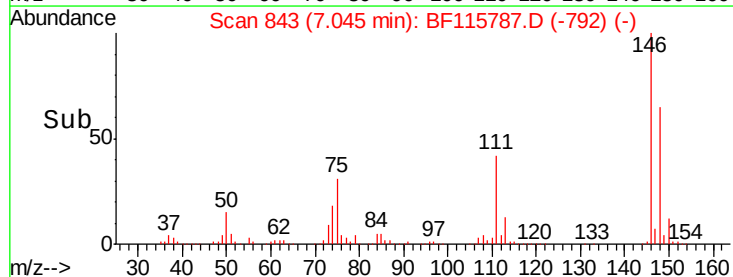
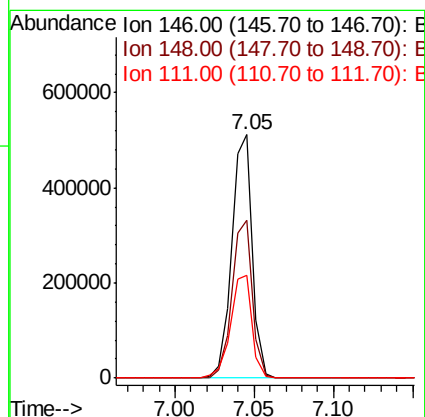
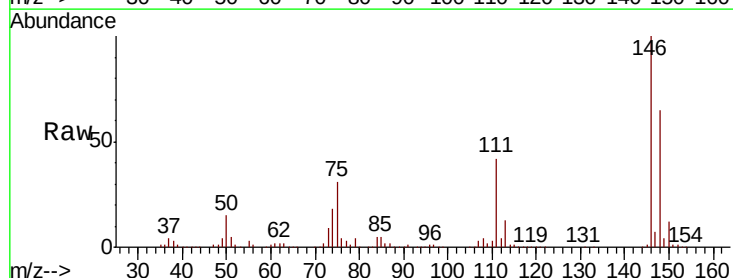
Manual Integrations
APPROVED

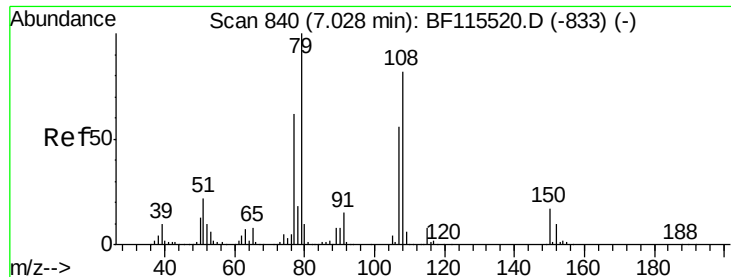
mohammad
7/29/2019 5:28:53 PM



#14
1,2-Dichlorobenzene
Concen: 38.198 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	42.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.559 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

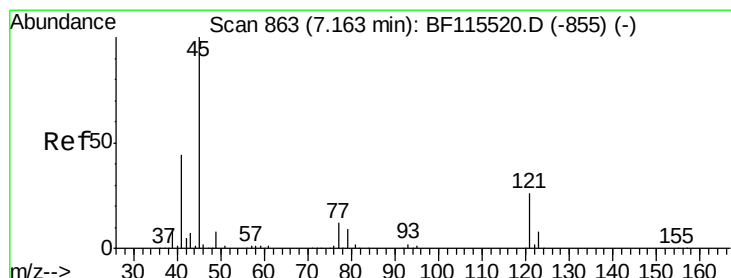
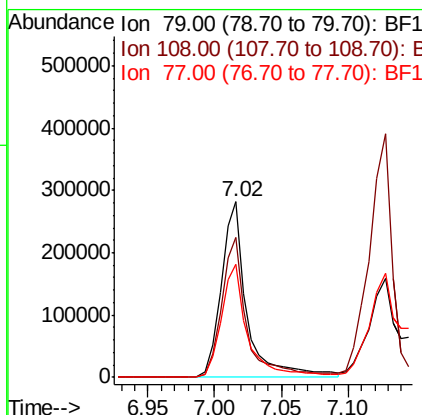
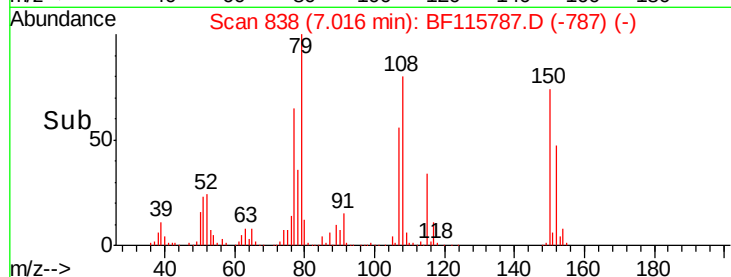
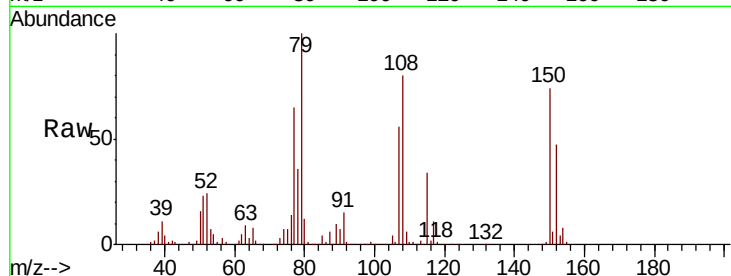
ClientSampleId :

PB121741BSD

Tot Ion:	79	Resp:	383321
Ion Ratio	Lower	Upper	
79	100		
108	79.8	65.4	98.2
77	64.6	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.402 ng

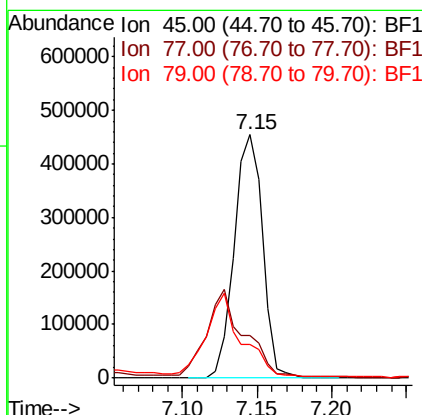
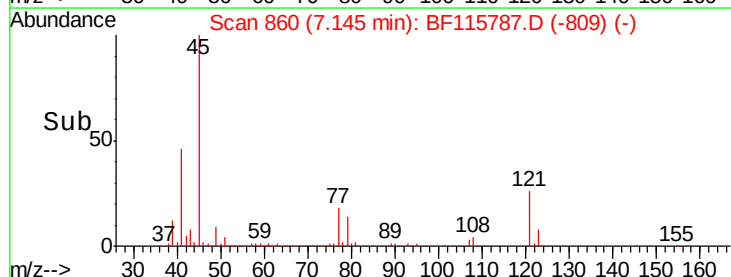
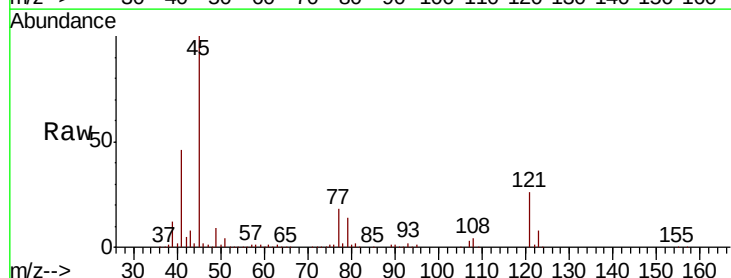
RT: 7.15 min Scan# 860

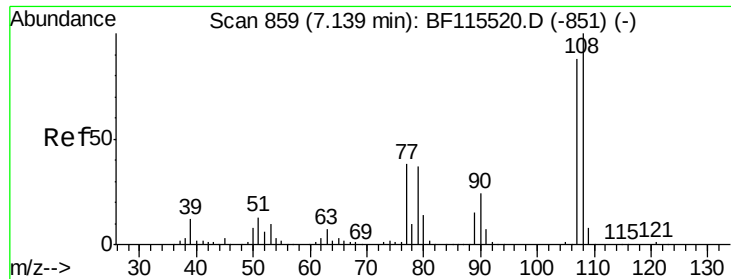
Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:	45	Resp:	604814
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	36.8
79	14.0	0.0	33.1





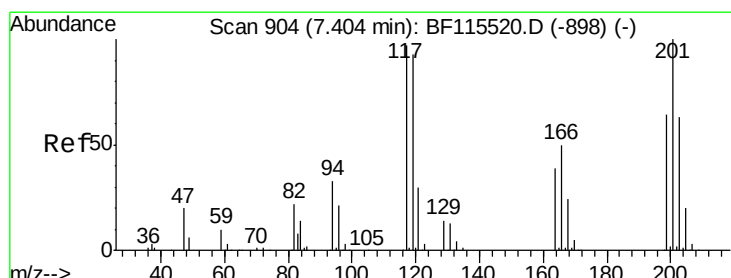
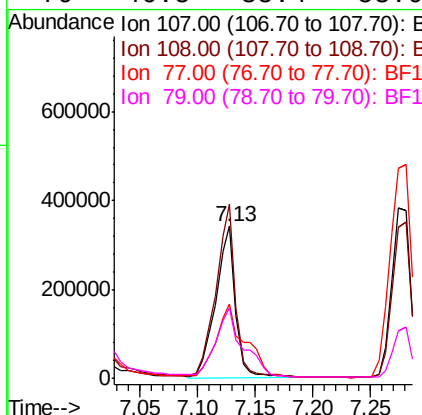
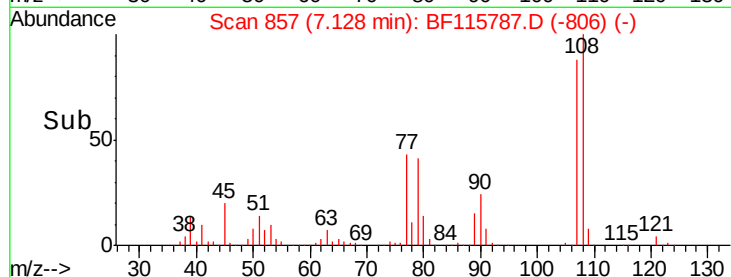
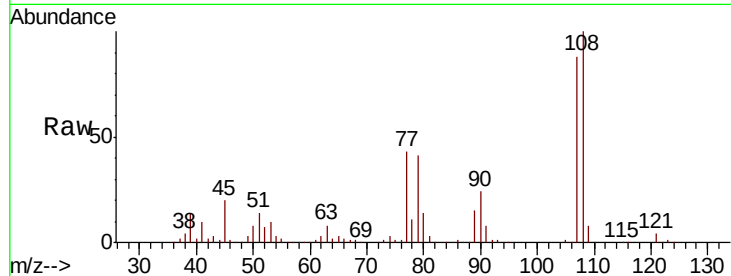
#17
2-Methylphenol
Concen: 40.660 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.3	136.9	
77	48.7	36.9	55.3	
79	46.5	35.4	53.0	

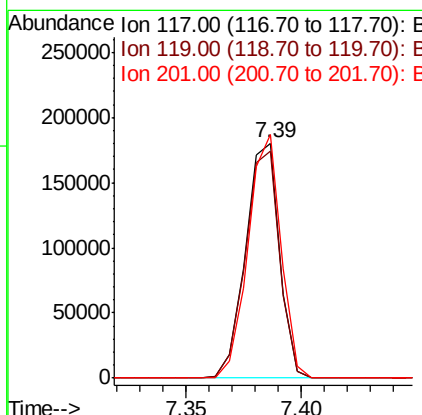
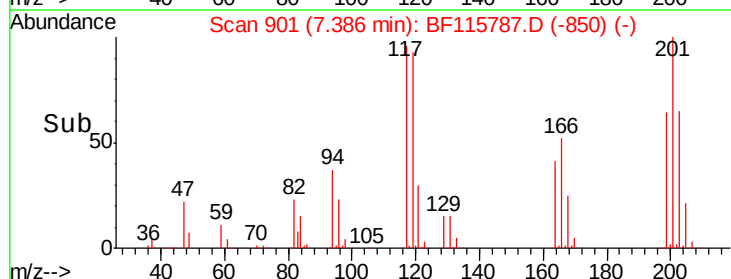
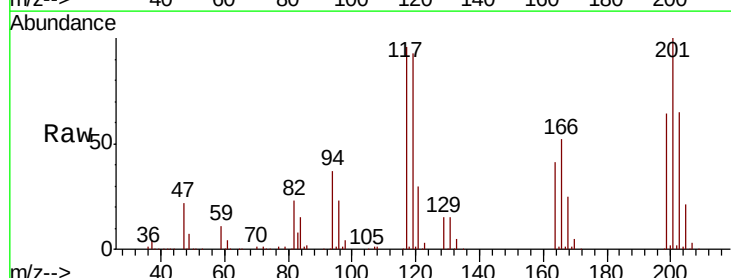
Manual Integrations
APPROVED

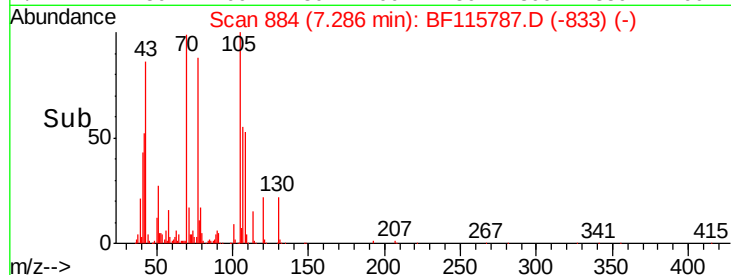
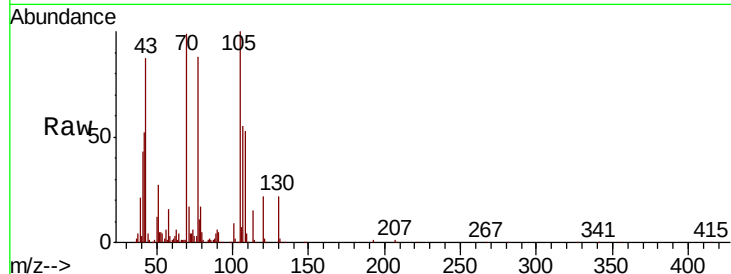
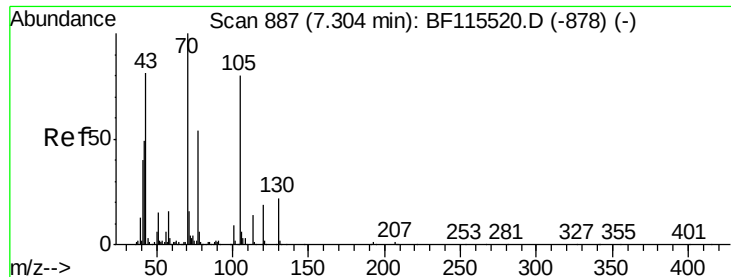
mohammad
7/29/2019 5:28:53 PM



#18
Hexachloroethane
Concen: 38.172 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	74.8	112.2	
201	103.7	77.6	116.4	





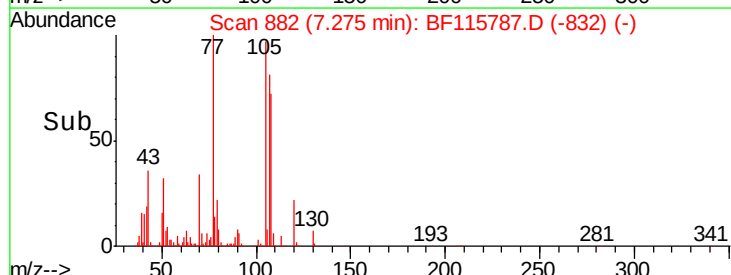
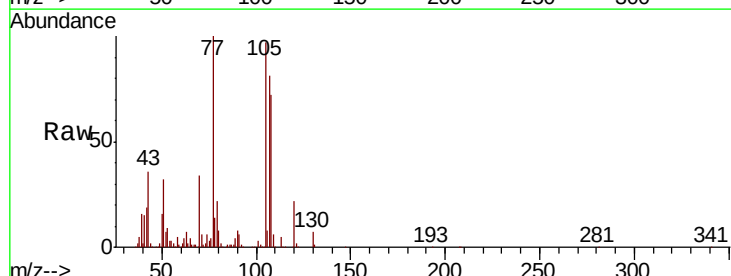
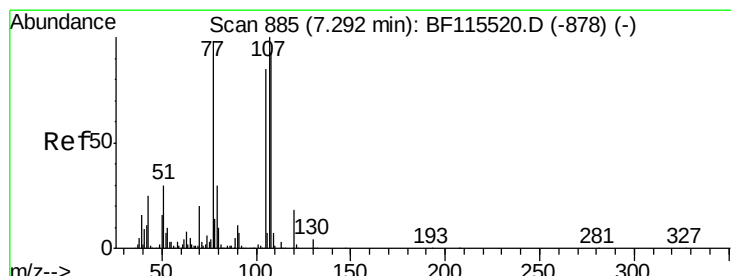
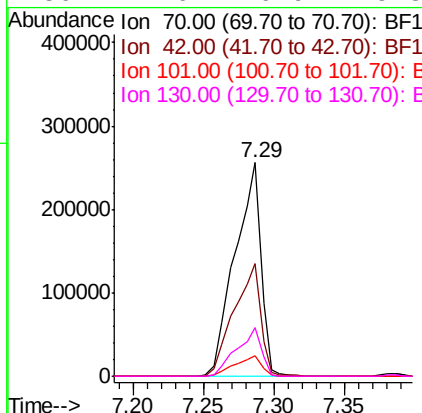
#19
n-Nitroso-di-n-propylamine
Concen: 39.226 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.8	62.8
101	9.5	7.6	11.4
130	22.6	16.9	25.3

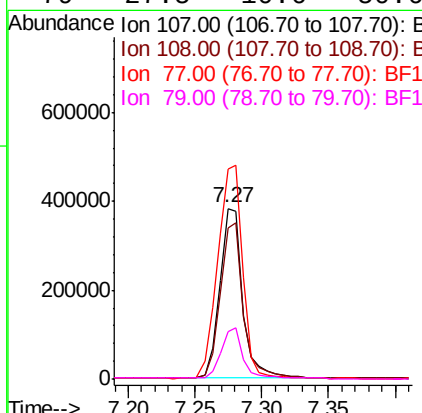
Manual Integrations
APPROVED

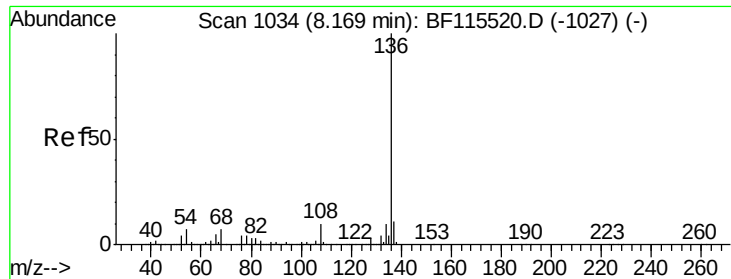
mohammad
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#20
3+4-Methylphenols
Concen: 39.019 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	73.0	113.0
77	123.3	107.5	147.5
79	27.5	10.6	50.6





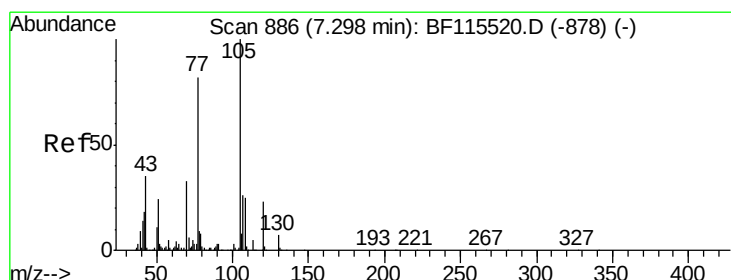
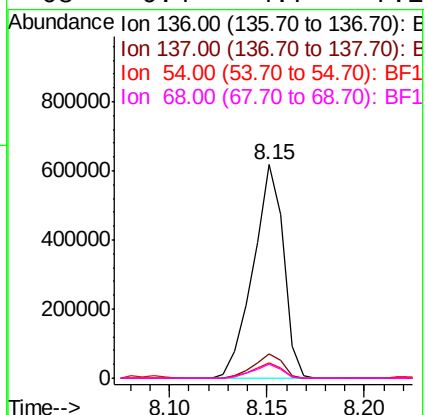
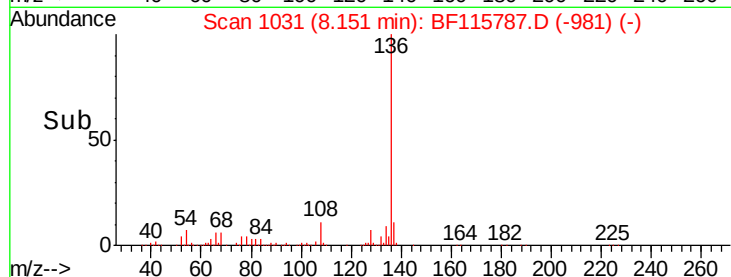
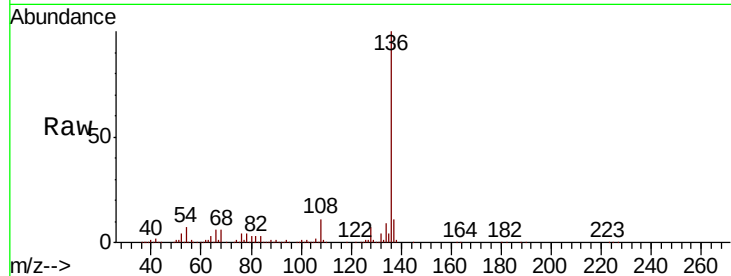
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.3	5.0	7.6
68	6.4	4.7	7.1

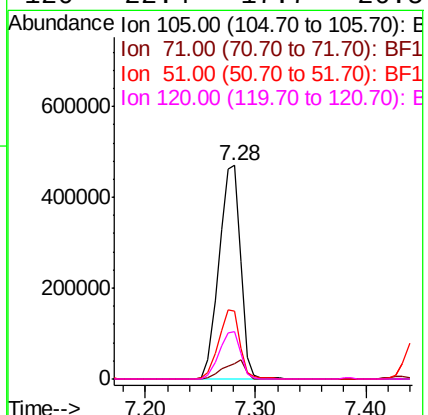
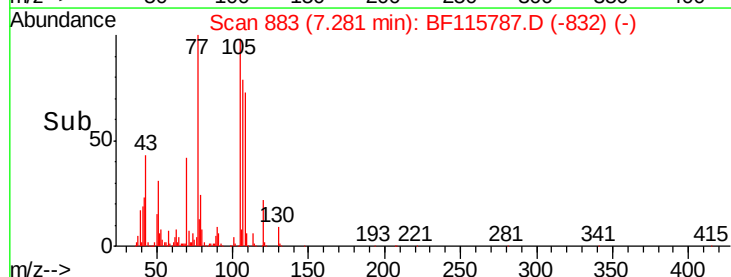
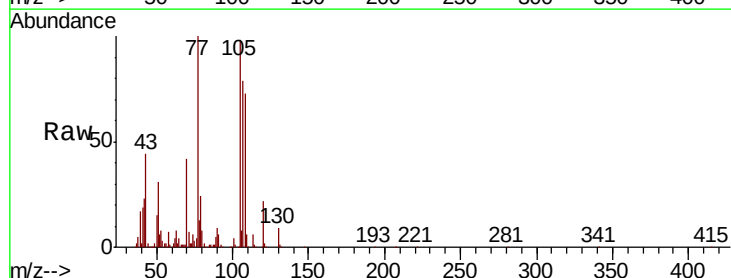
Manual Integrations
APPROVED

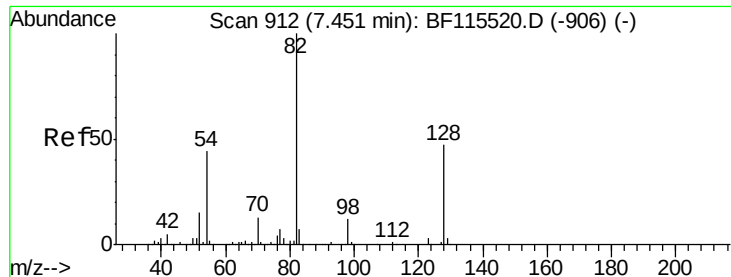
mohammad
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#22
Acetophenone
Concen: 42.574 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.7	7.1#
51	31.7	25.6	38.4
120	22.4	17.7	26.5





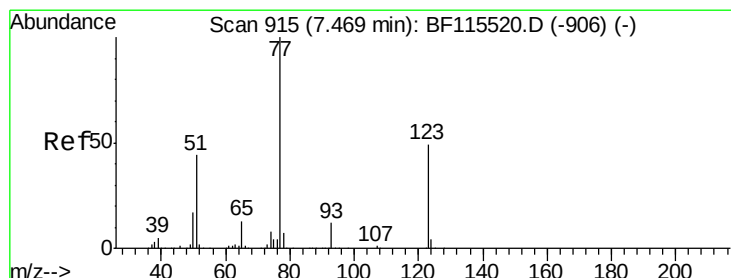
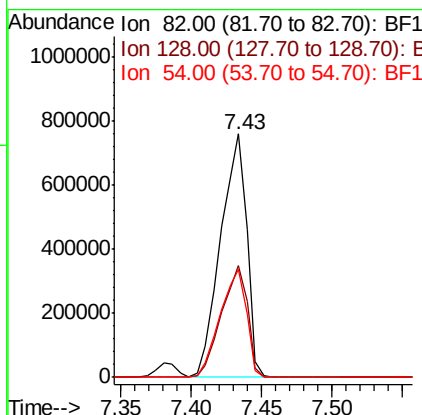
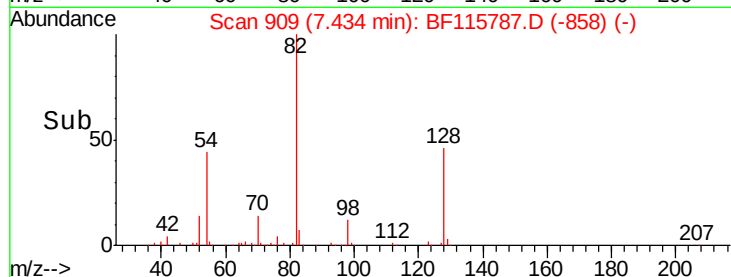
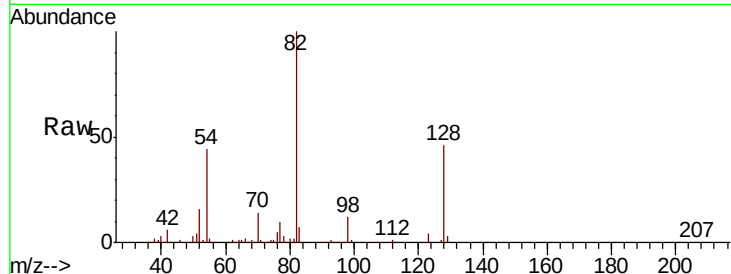
#23
 Nitrobenzene-d5
 Concen: 85.116 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleID :
 PB121741BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.6	55.0
54	44.4	36.6	54.8

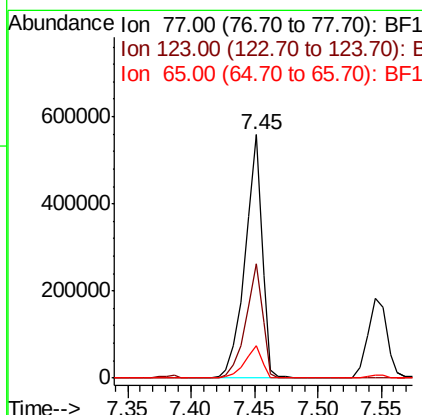
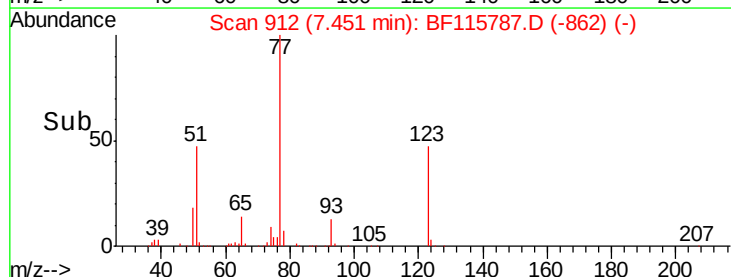
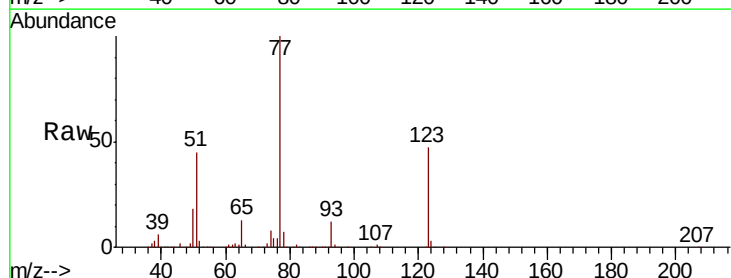
Manual Integrations
 APPROVED

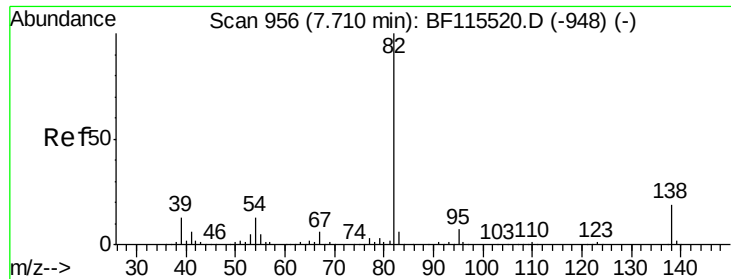
mohammad
 7/29/2019 5:28:53 PM



#24
 Nitrobenzene
 Concen: 41.805 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	39.9	59.9
65	13.1	10.5	15.7





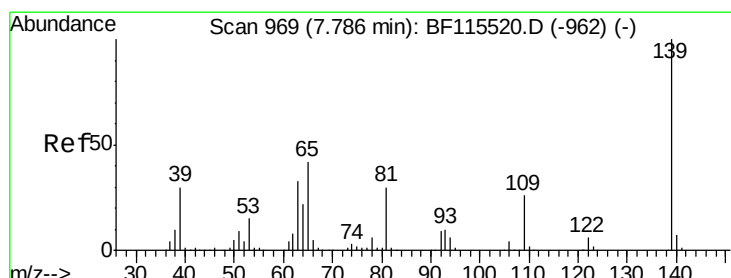
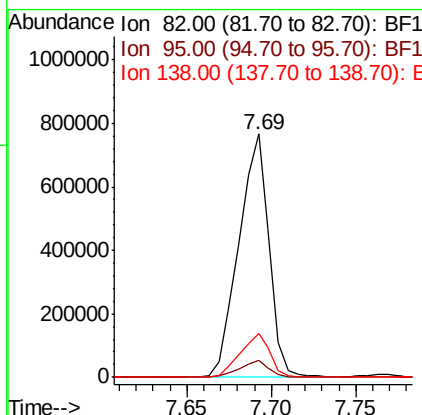
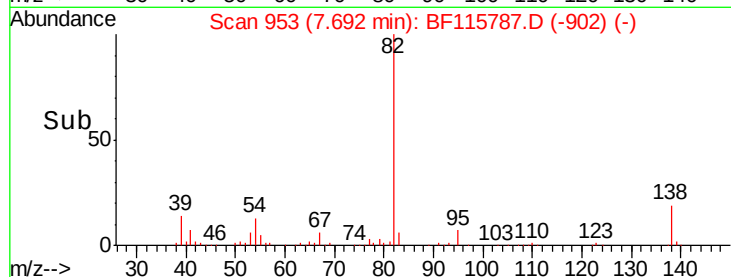
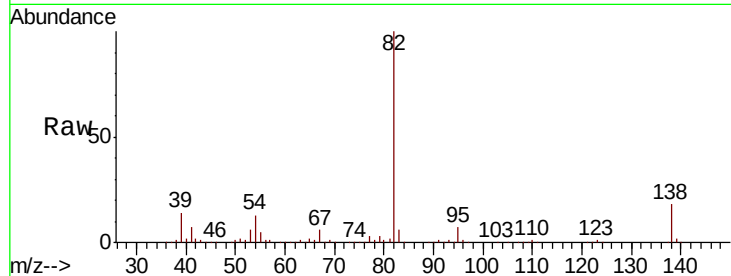
#25
Isophorone
Concen: 41.803 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.6	8.4	
138	18.2	14.2	21.4	

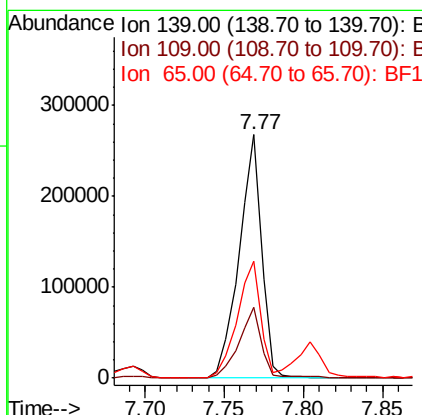
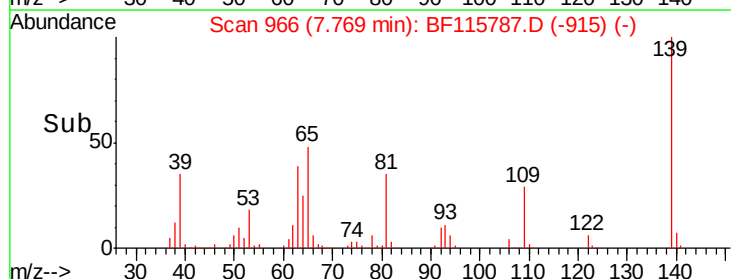
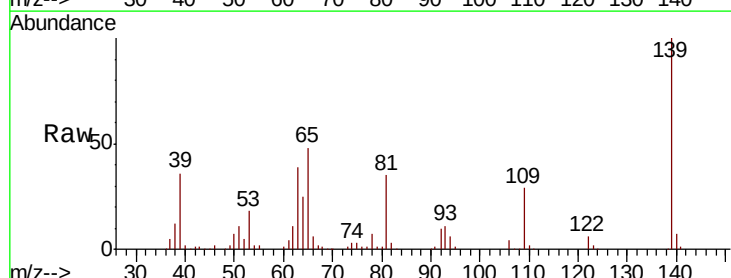
Manual Integrations
APPROVED

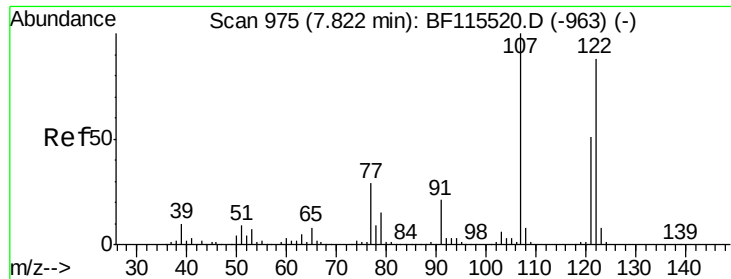
mohammad
7/29/2019 5:28:53 PM



#26
2-Nitrophenol
Concen: 41.570 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.1	23.2	34.8	
65	48.1	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 47.071 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

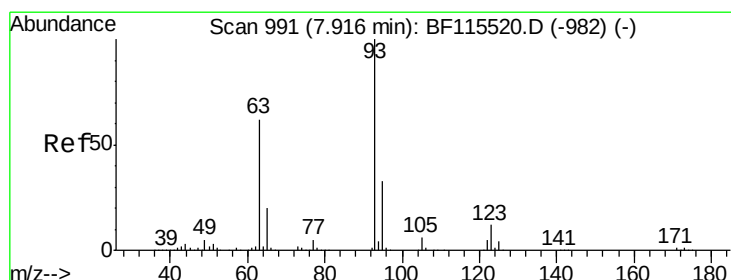
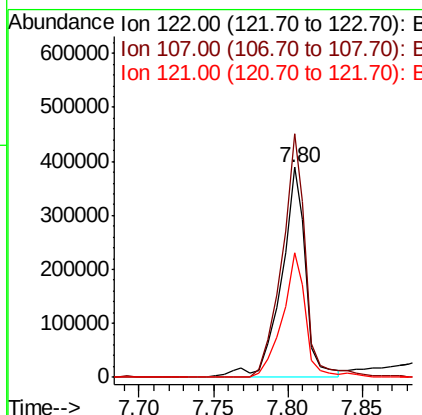
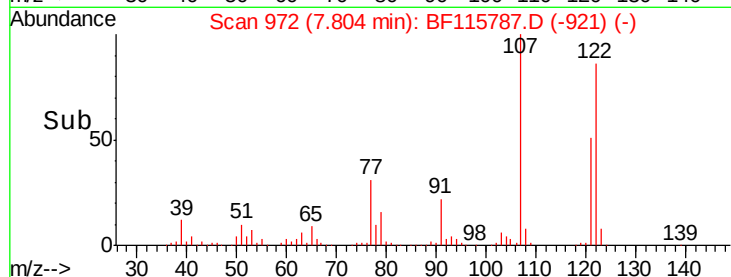
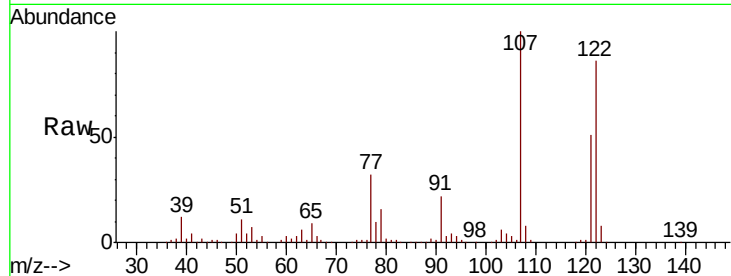
ClientSampleId :

PB121741BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		446815		
107	115.8	92.6	138.8		
121	59.0	46.2	69.4		

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#28

bis(2-Chloroethoxy)methane

Concen: 41.932 ng

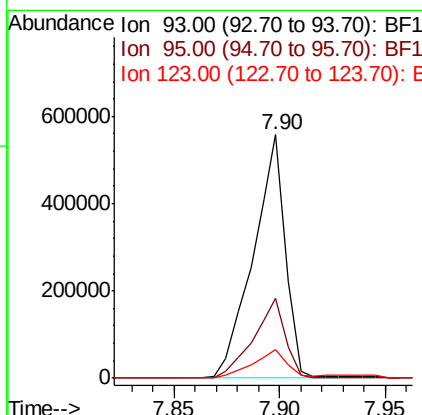
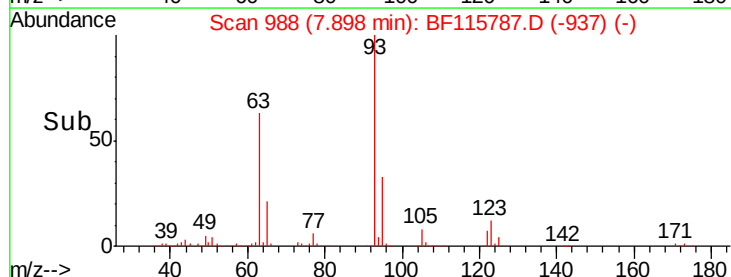
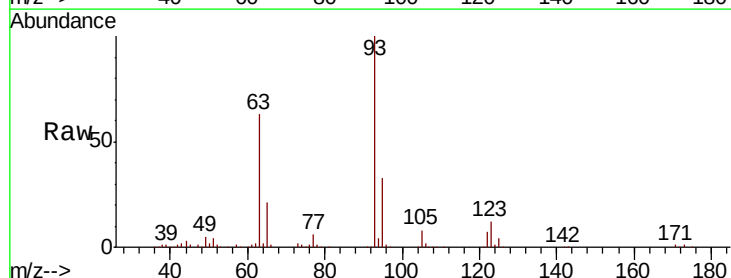
RT: 7.90 min Scan# 988

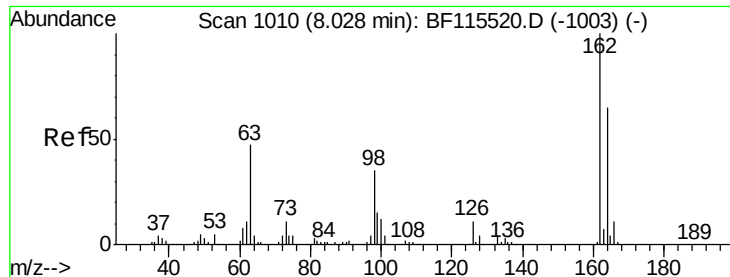
Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		588222		
95	32.5	26.2	39.4		
123	11.9	9.3	13.9		





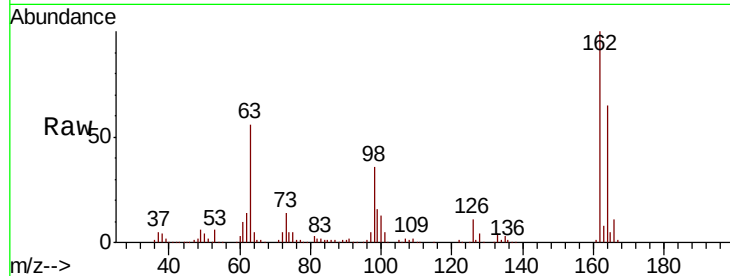
#29
2,4-Dichlorophenol
Concen: 42.616 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleID :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420709		
164	65.0		44.1	84.1
98	36.5		12.9	52.9

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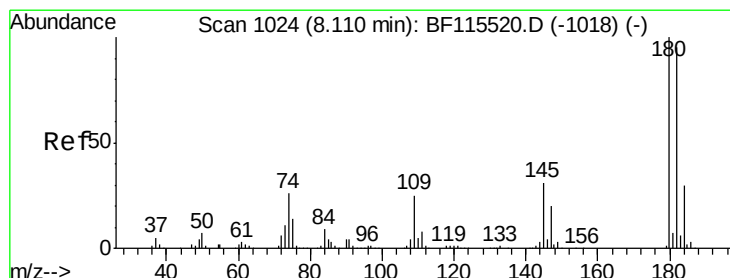
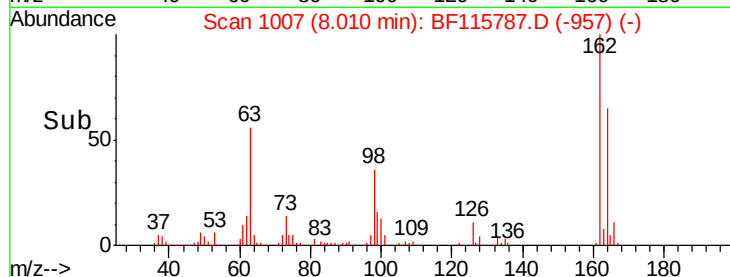
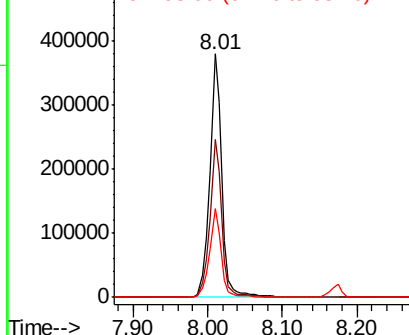


Abundance

Ion 162.00 (161.70 to 162.70): E

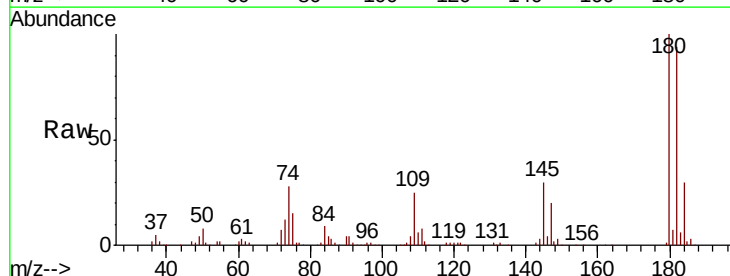
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.303 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	449746		
182	93.6		76.7	115.1
145	30.2		23.6	35.4

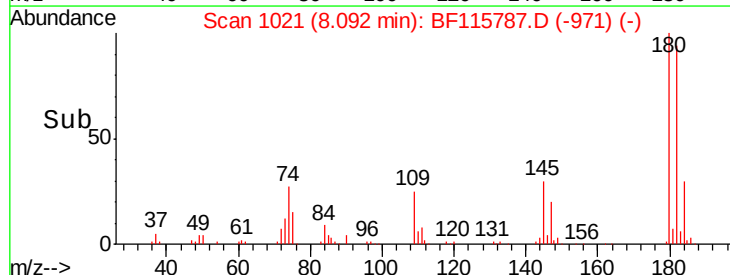
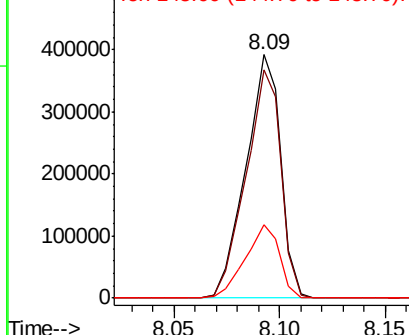


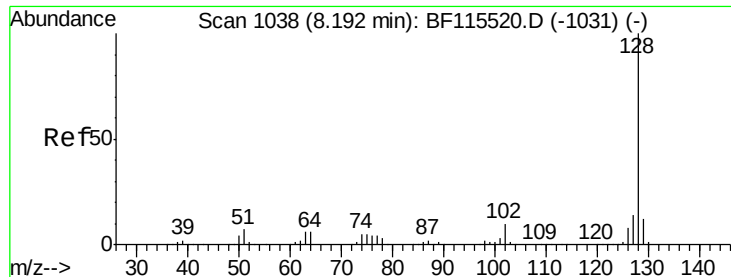
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





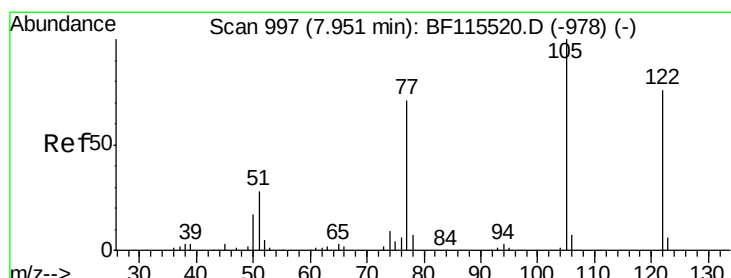
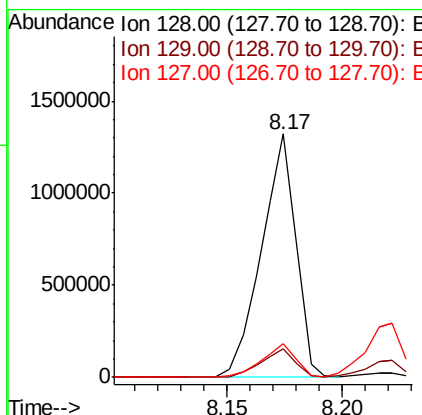
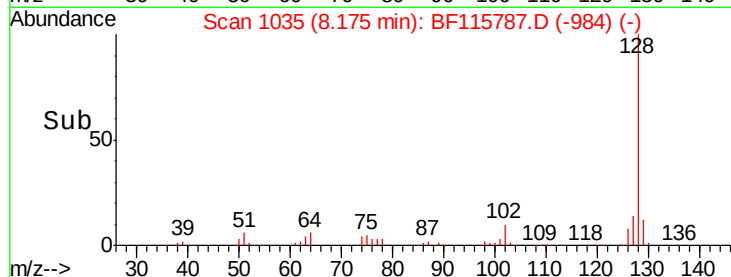
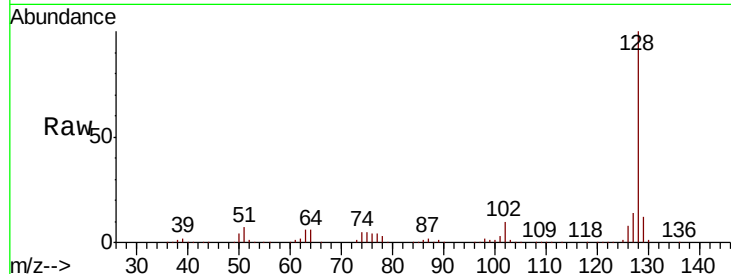
#31
Naphthalene
Concen: 42.594 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion:128 Resp: 1370675
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 10.9 16.3

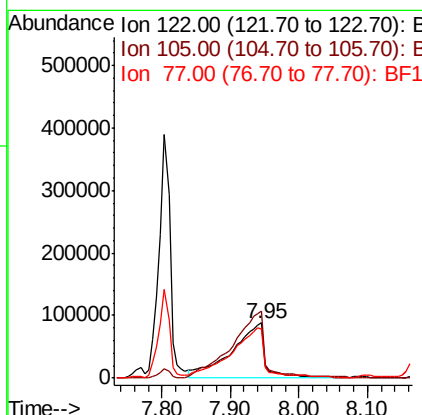
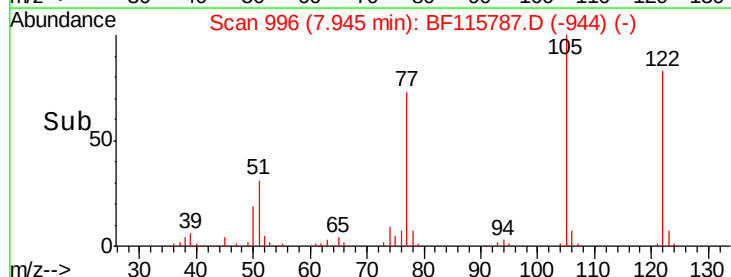
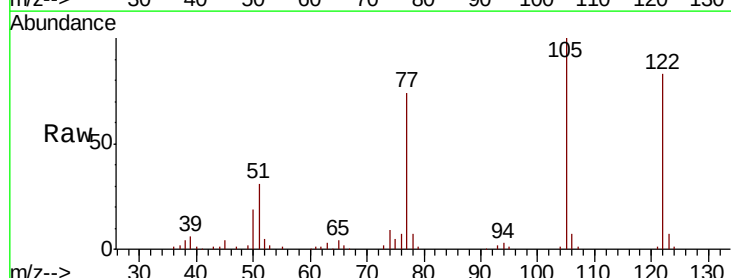
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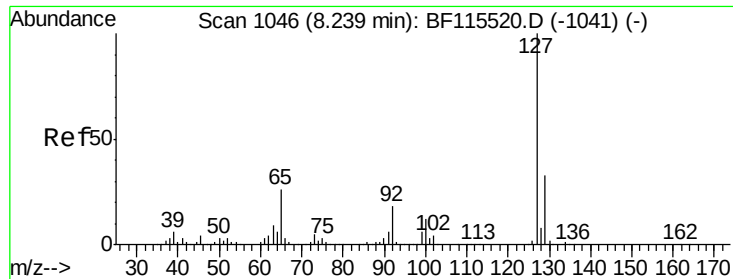
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#32
Benzoic acid
Concen: 37.809 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:122 Resp: 294538
Ion Ratio Lower Upper
122 100
105 120.7 102.0 142.0
77 89.8 73.6 113.6





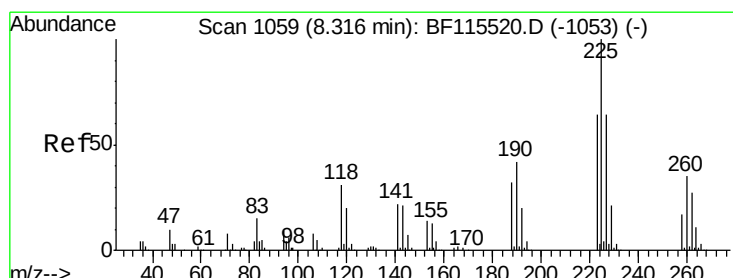
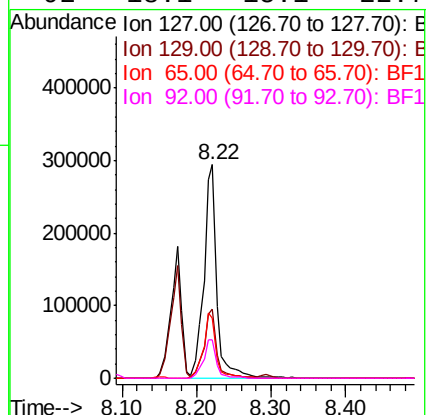
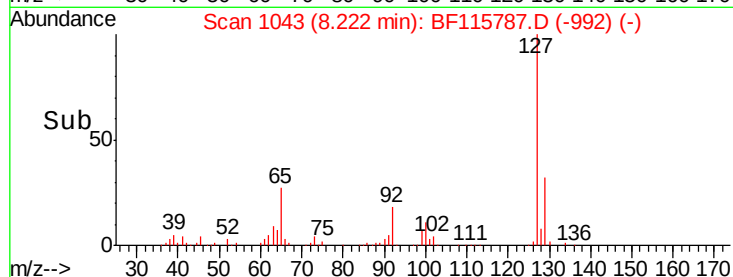
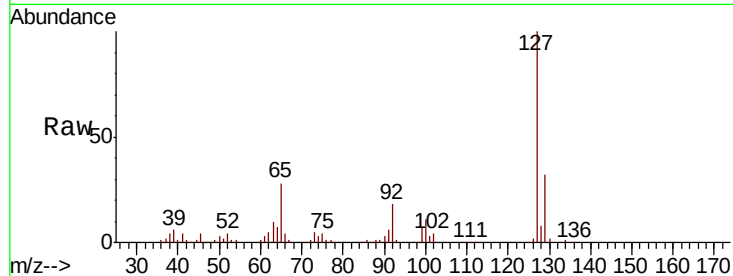
#33
4-Chloroaniline
Concen: 25.220 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.3	39.5	
65	28.0	23.8	35.8	
92	18.1	15.1	22.7	

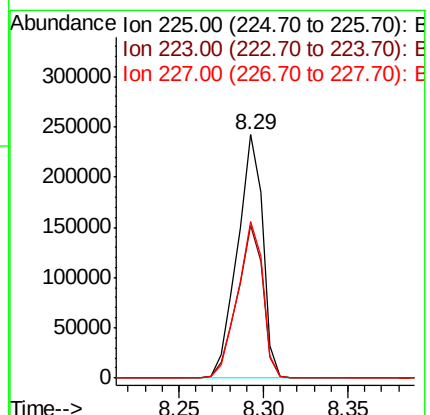
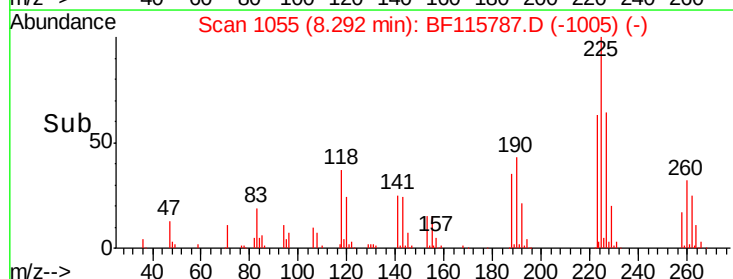
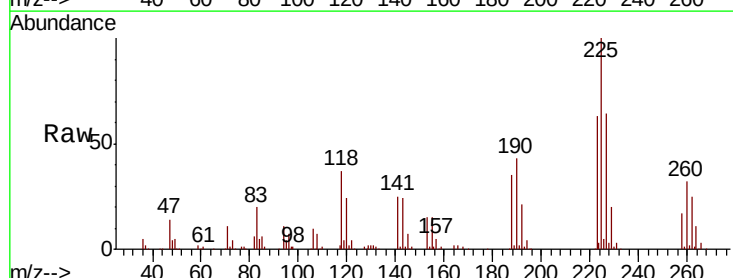
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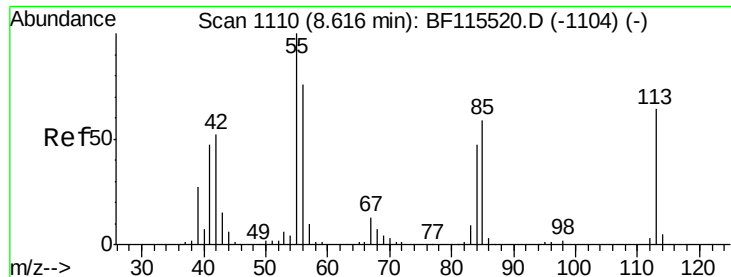
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#34
Hexachlorobutadiene
Concen: 39.535 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	51.0	76.6	
227	64.2	52.8	79.2	





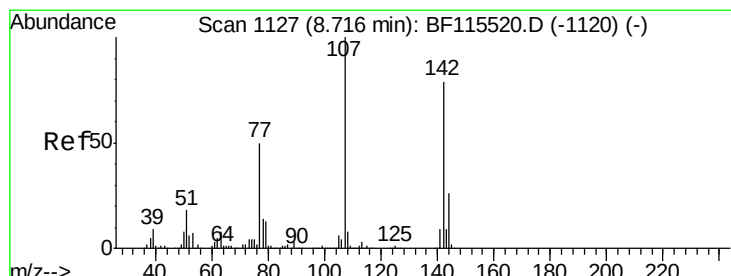
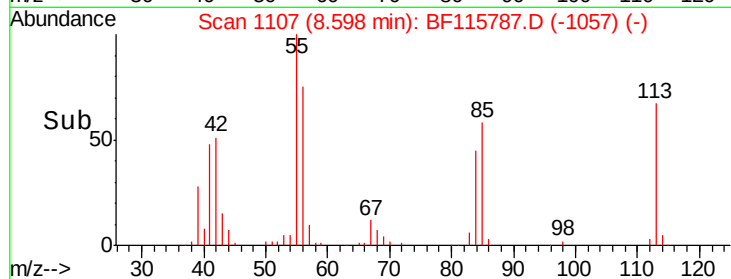
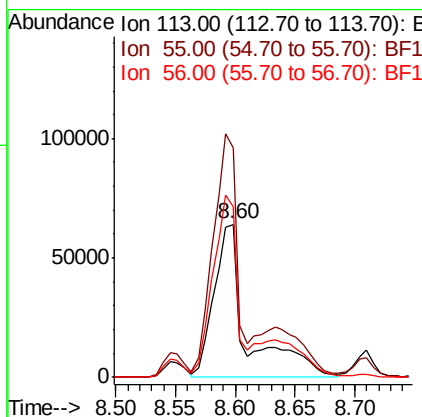
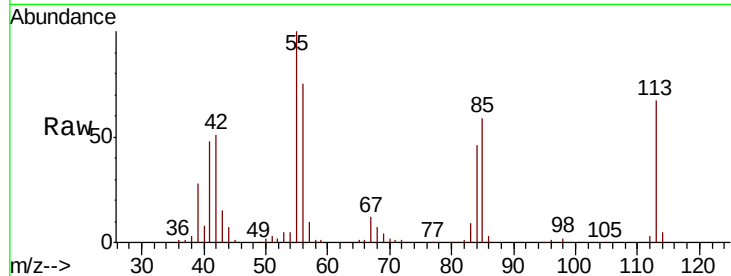
#35
 Caprolactam
 Concen: 40.609 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampled :
 PB121741BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.7	130.5	170.5
56	111.8	93.1	133.1

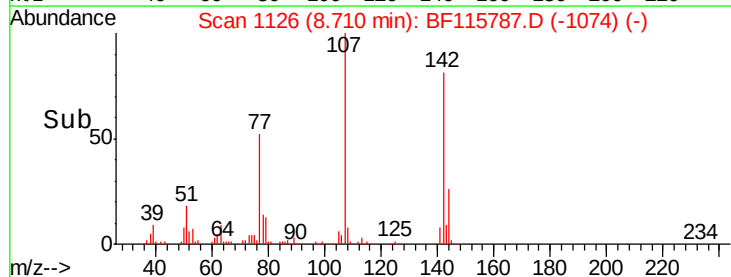
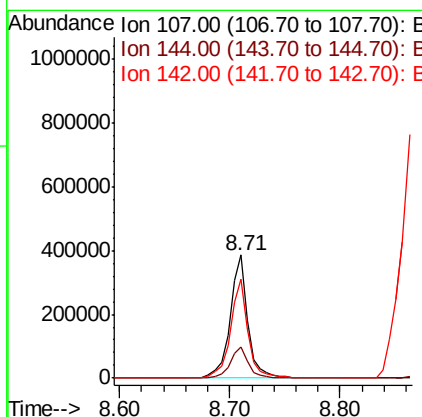
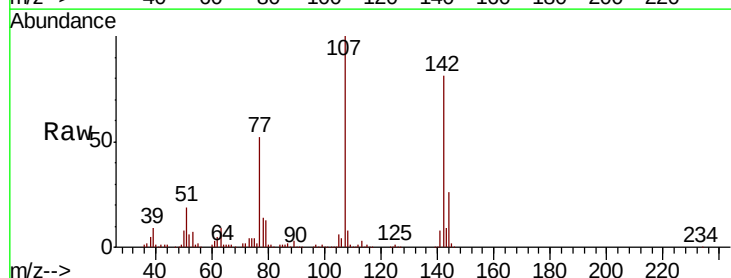
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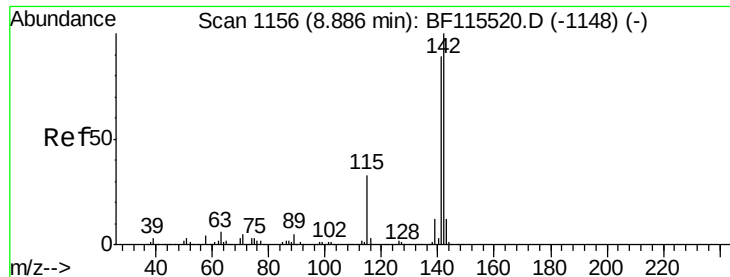
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#36
 4-Chloro-3-methylphenol
 Concen: 42.614 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.1	30.1
142	80.9	62.3	93.5





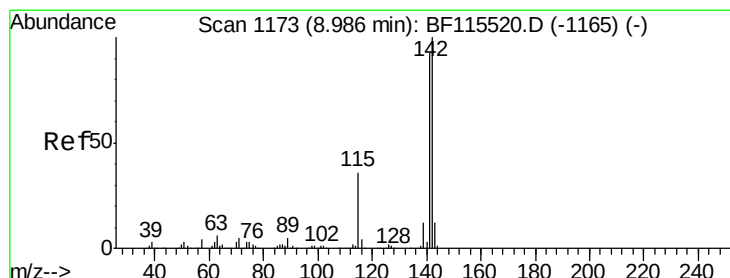
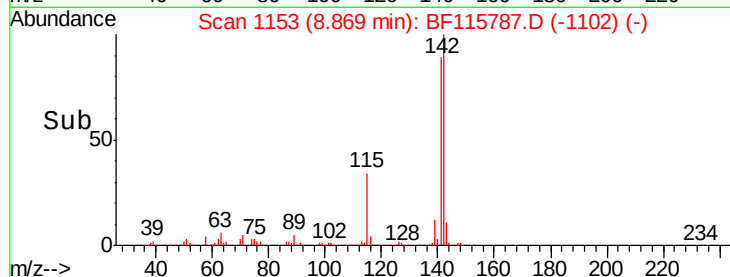
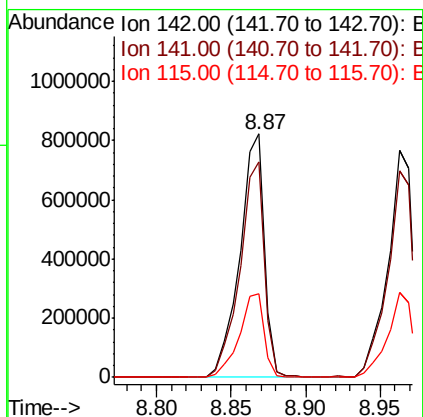
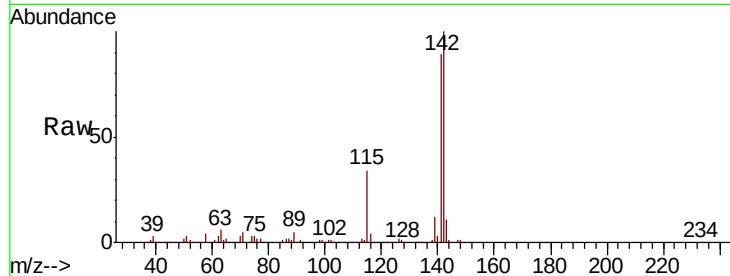
#37
2-Methylnaphthalene
Concen: 44.097 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampled :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	940640		
141	88.5	71.0	106.4	
115	34.2	27.7	41.5	

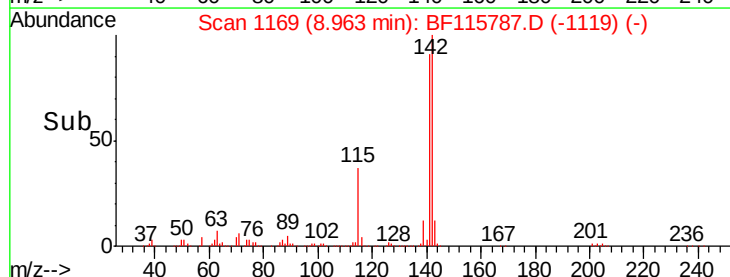
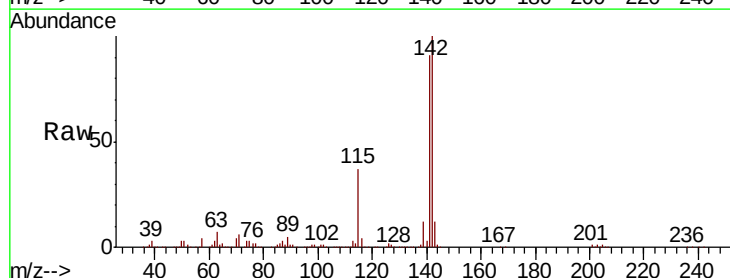
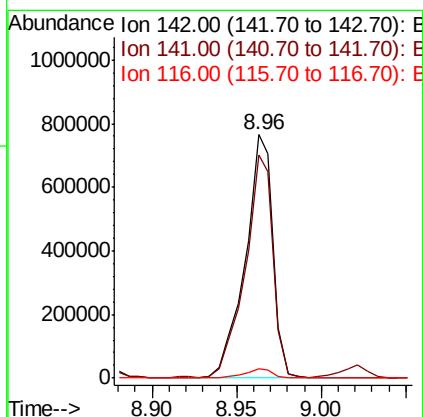
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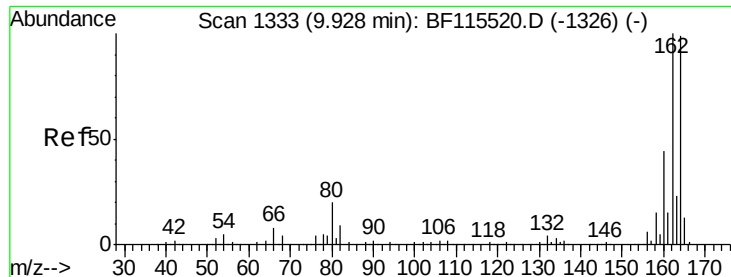
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#38
1-Methylnaphthalene
Concen: 43.170 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	874691		
141	91.5	73.9	110.9	
116	3.8	3.0	4.6	





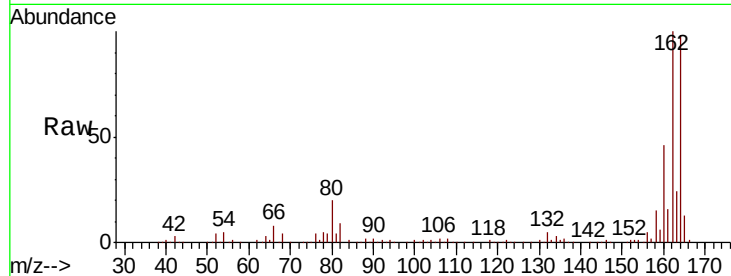
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.8	122.6	
160	46.8	37.5	56.3	

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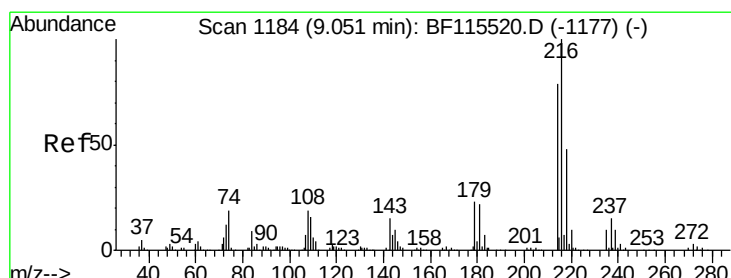
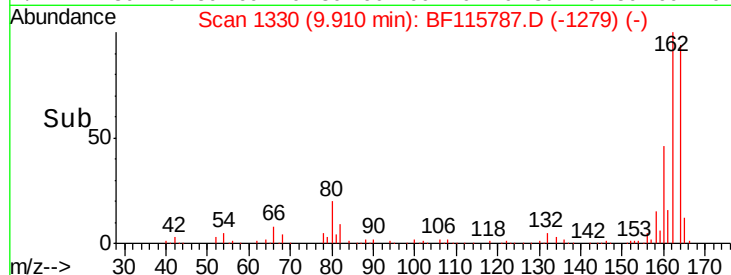
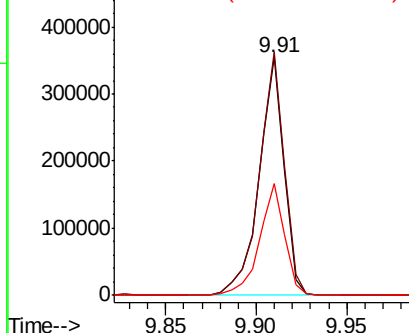


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.425 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.6	
179	22.0	17.4	26.2	
108	21.3	16.6	25.0	

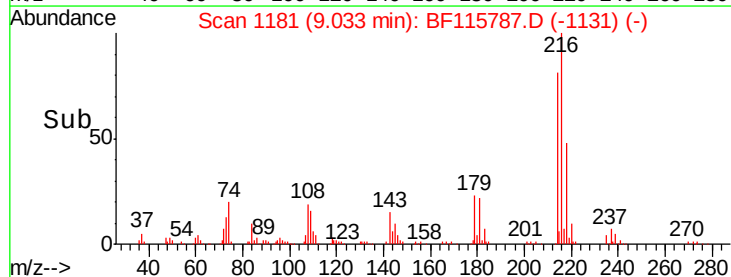
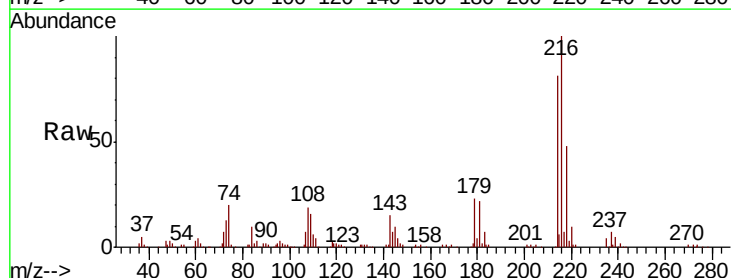
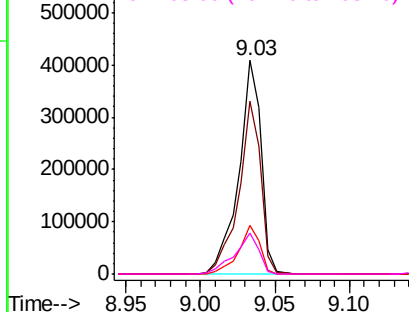
Abundance

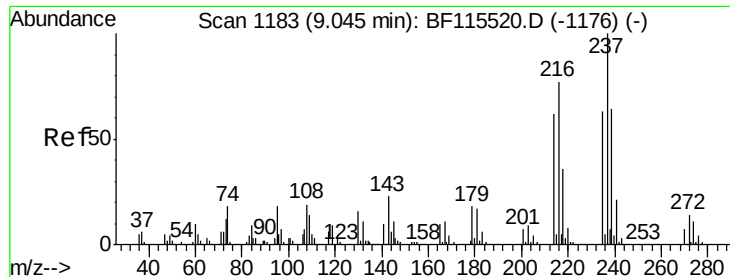
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





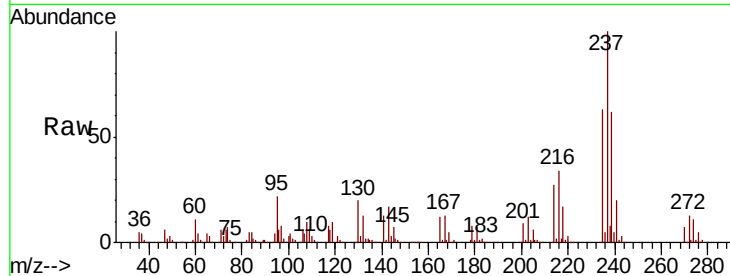
#41
Hexachlorocyclopentadiene
Concen: 56.542 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

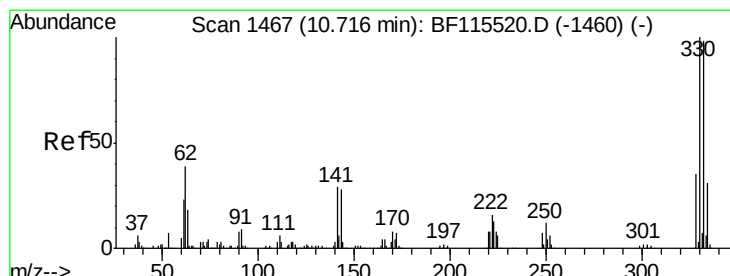
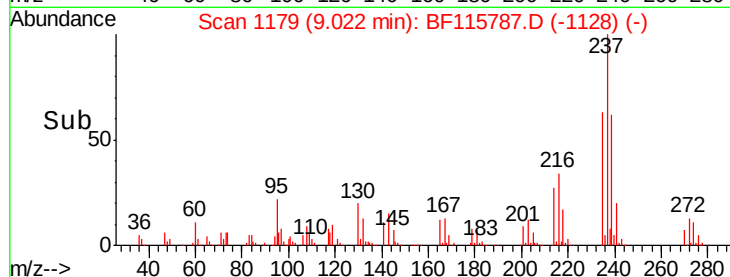
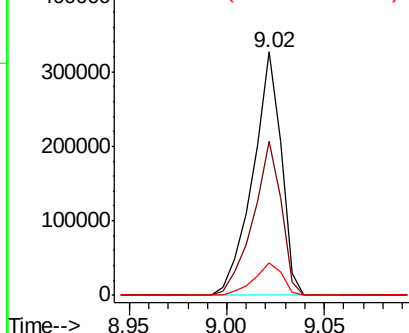
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	44.3	84.3	
272	13.1	0.0	33.0	

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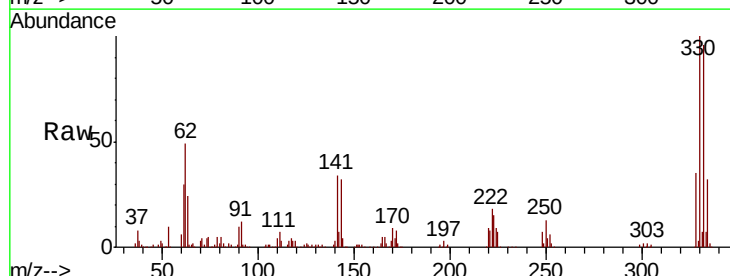


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

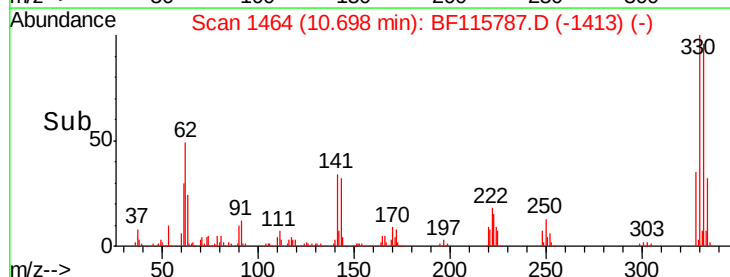
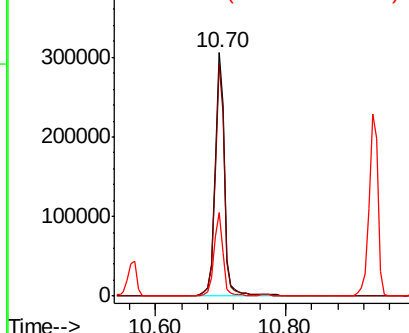


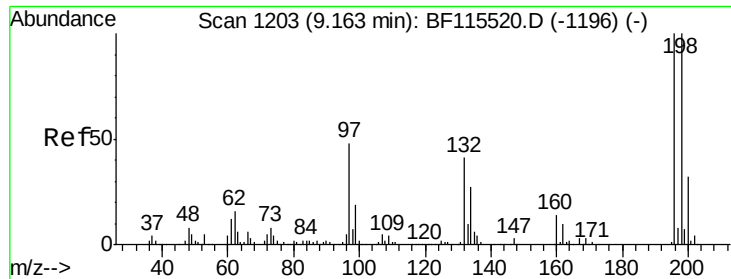
#42
2,4,6-Tribromophenol
Concen: 77.831 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	76.1	114.1	
141	33.0	25.9	38.9	



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





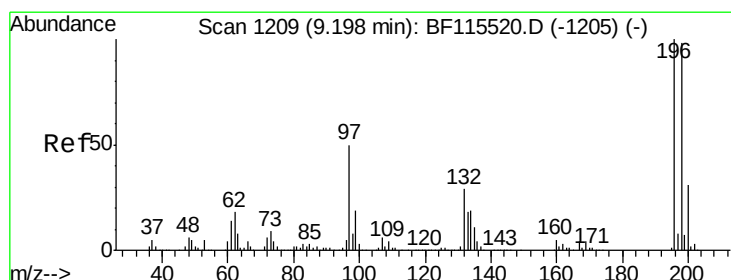
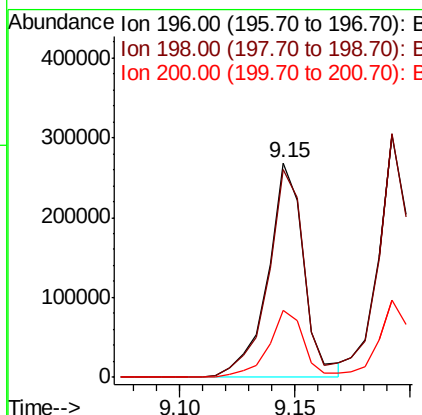
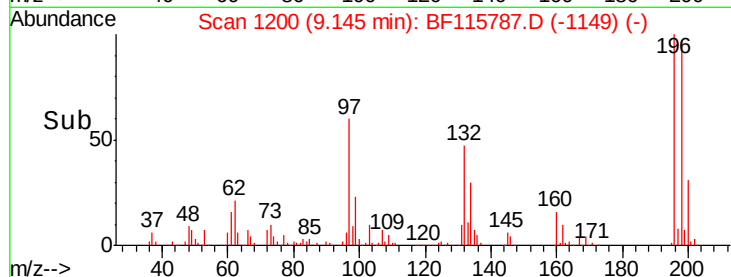
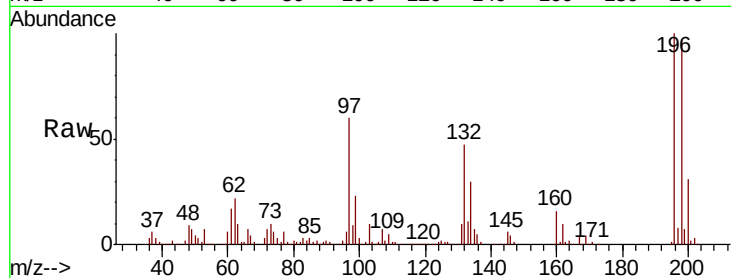
#43
 2,4,6-Trichlorophenol
 Concen: 38.589 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288776		
198	96.6	79.8	119.6	
200	31.0	25.4	38.0	

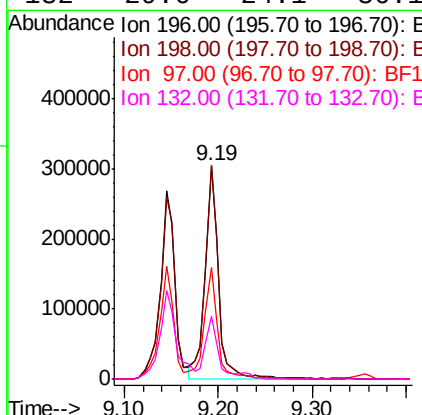
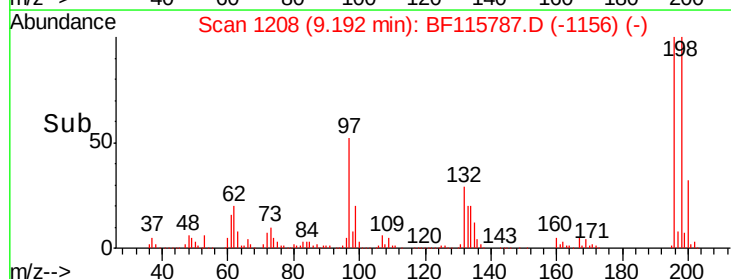
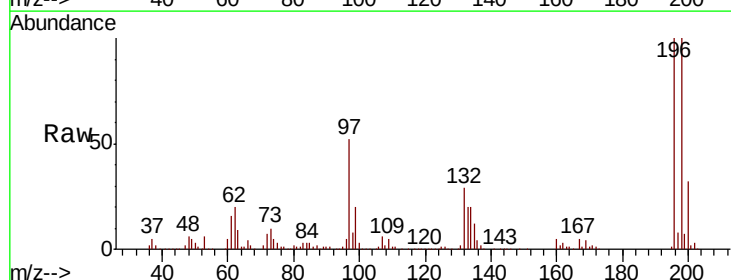
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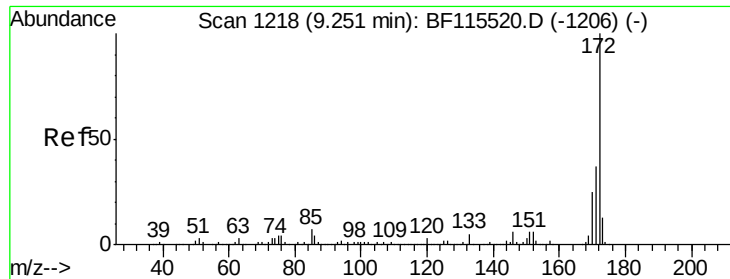
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.355 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301607		
198	100.4	78.2	117.2	
97	52.4	41.9	62.9	
132	29.6	24.1	36.1	





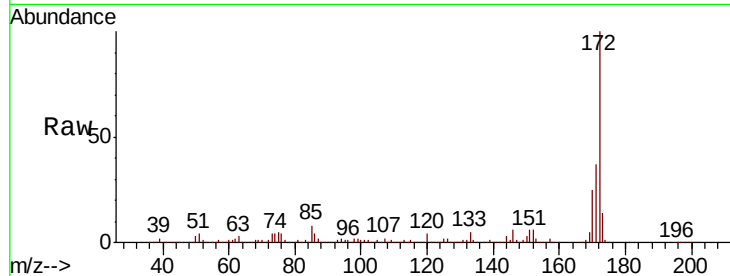
#45
2-Fluorobiphenyl
Concen: 91.776 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

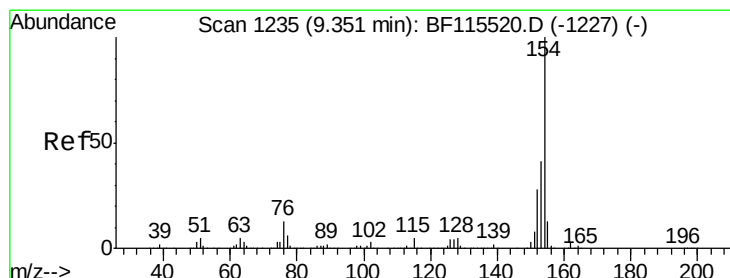
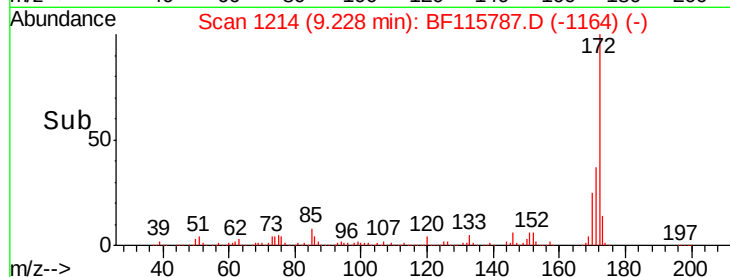
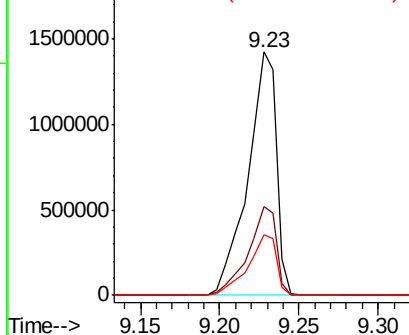
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	25.1	20.1	30.1

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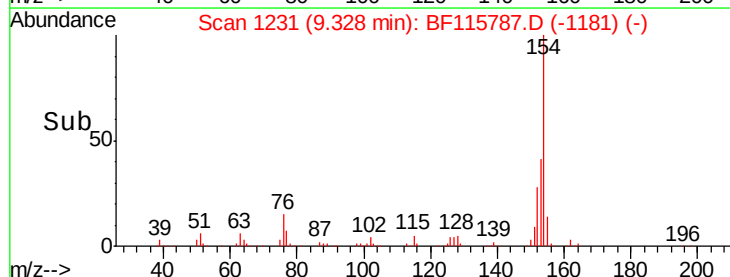
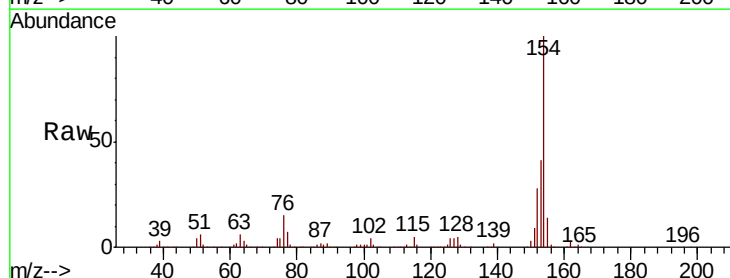
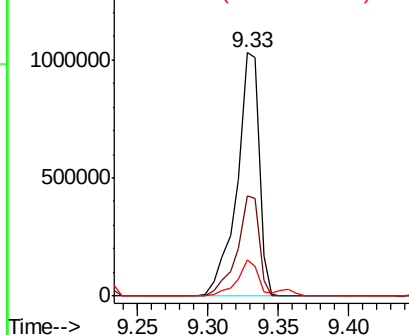
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

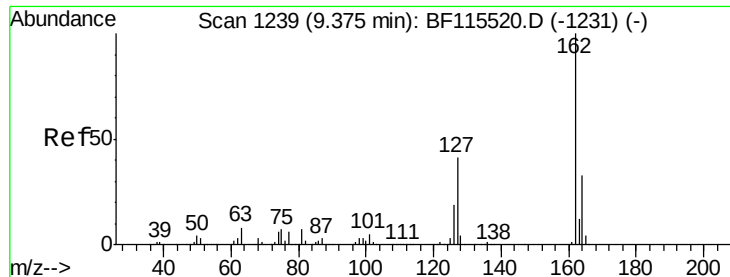


#46
1,1'-Biphenyl
Concen: 42.598 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	14.7	0.0	33.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





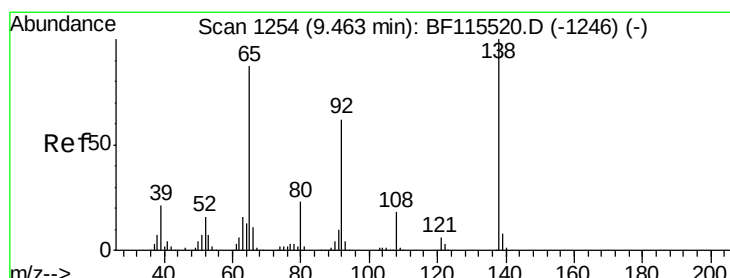
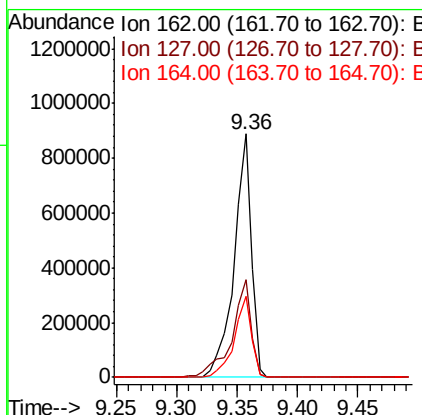
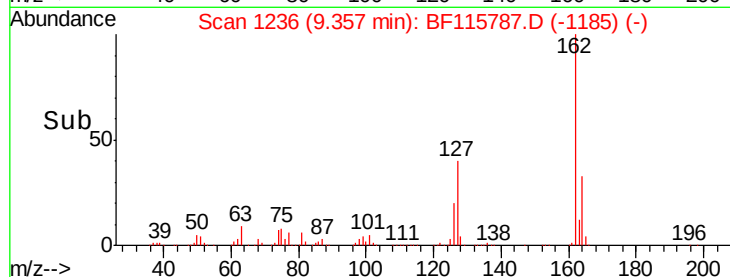
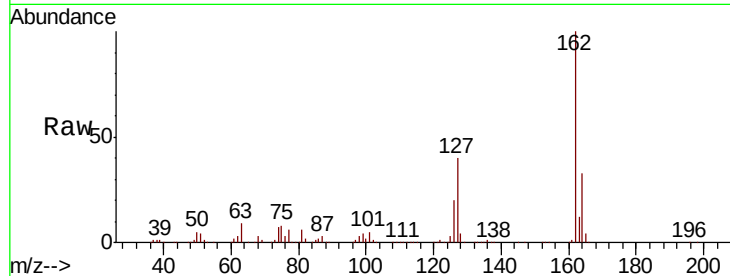
#47
 2-Chloronaphthalene
 Concen: 40.251 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	32.1	48.1
164	33.1	26.2	39.4

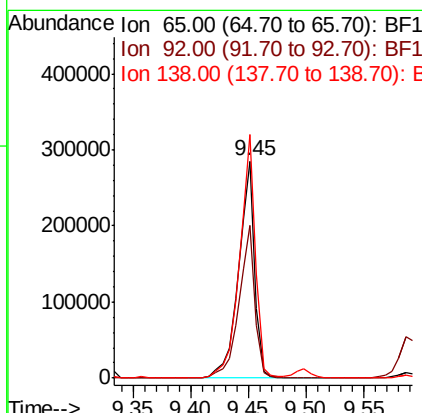
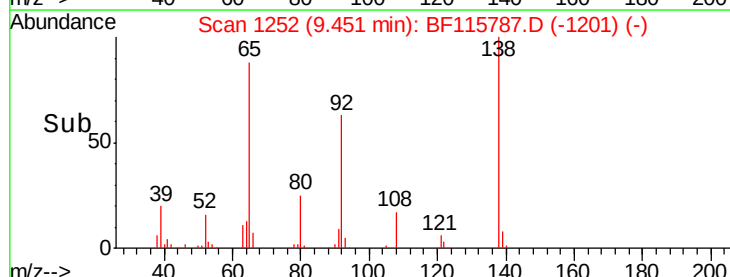
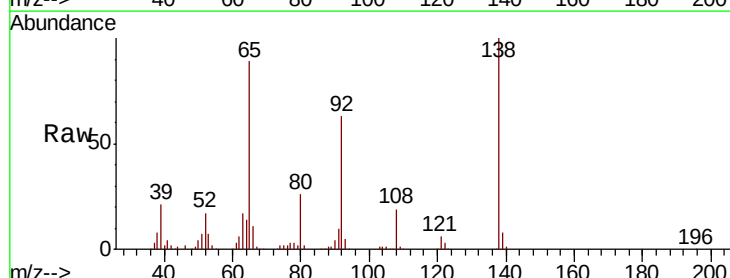
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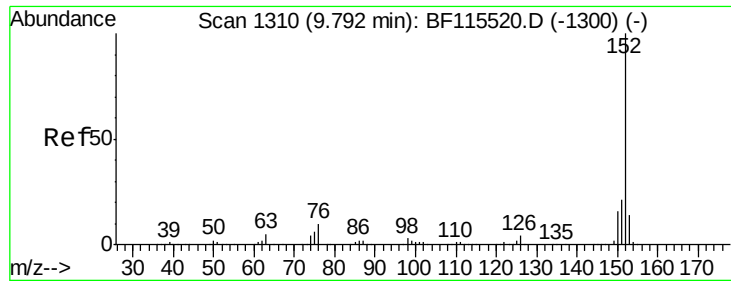
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#48
 2-Nitroaniline
 Concen: 40.131 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.4	56.9	85.3
138	112.3	91.4	137.2





#49

Acenaphthylene

Concen: 41.399 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

PB121741BSD

Tot Ion:152 Resp: 1356973

Ion Ratio Lower Upper

152 100

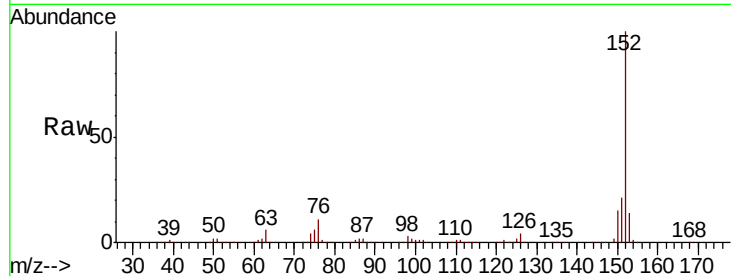
151 20.9 16.9 25.3

153 13.9 11.5 17.3

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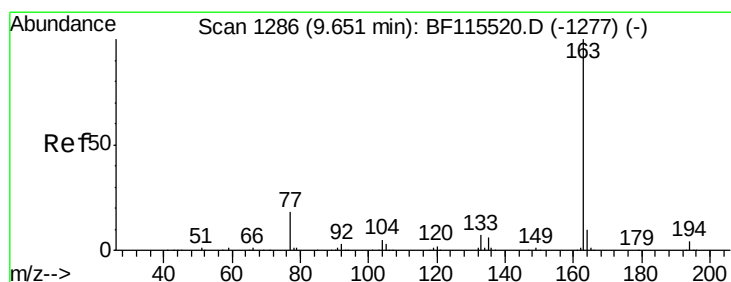
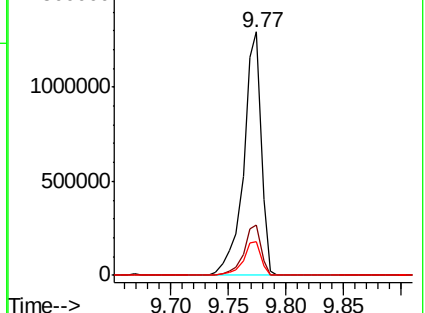
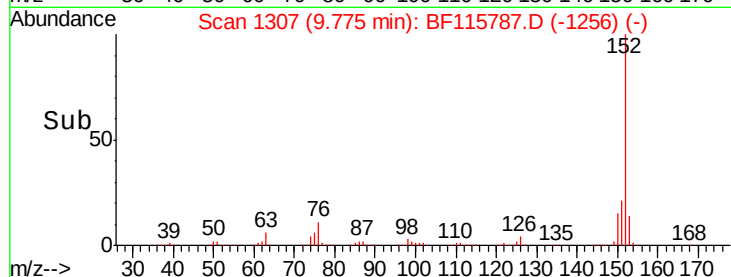
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.386 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

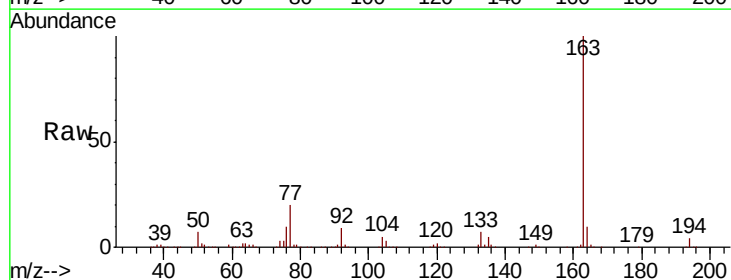
Tgt Ion:163 Resp: 1058113

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

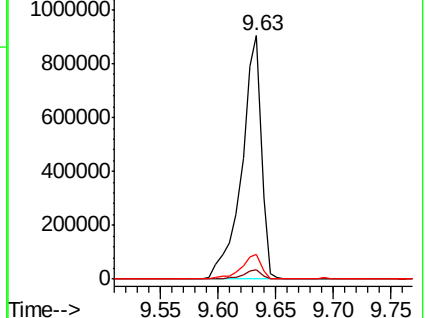
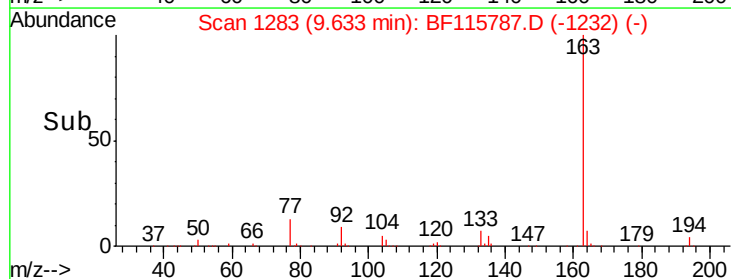
164 10.1 8.3 12.5

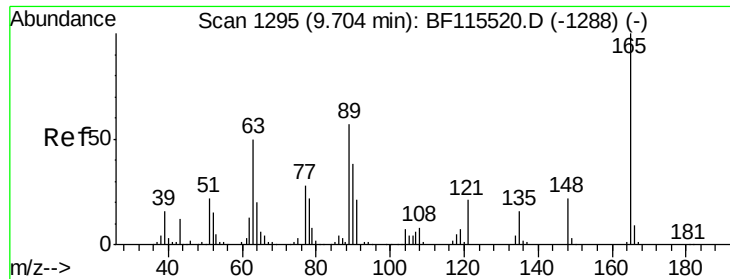


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





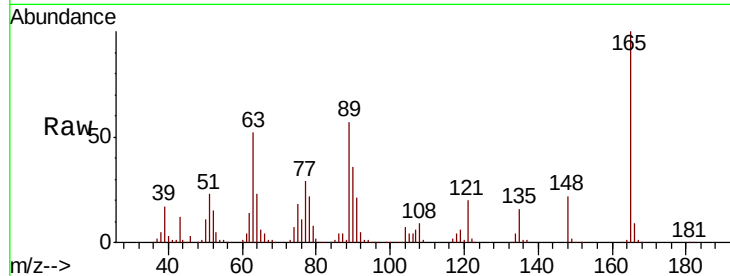
#51
 2,6-Dinitrotoluene
 Concen: 40.213 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

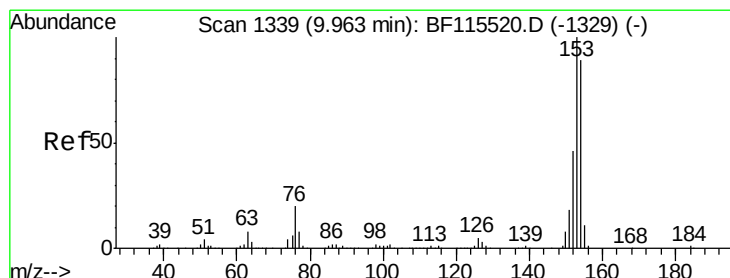
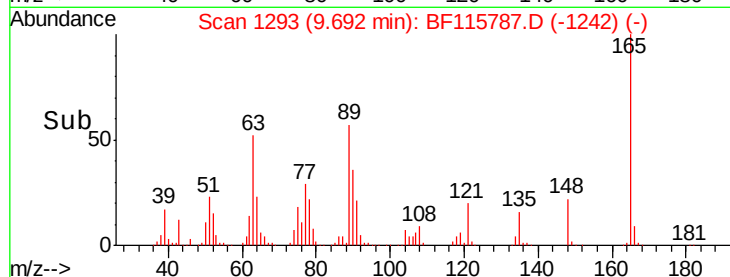
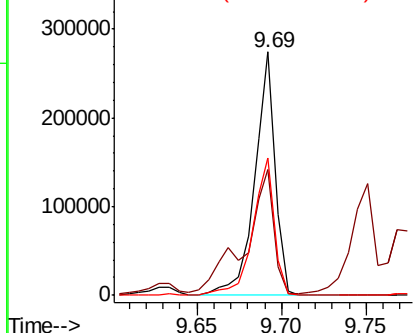
Tot Ion	Ratio	Resp	Lower	Upper
165	100	233649		
63	51.9	43.5	65.3	
89	56.6	46.3	69.5	

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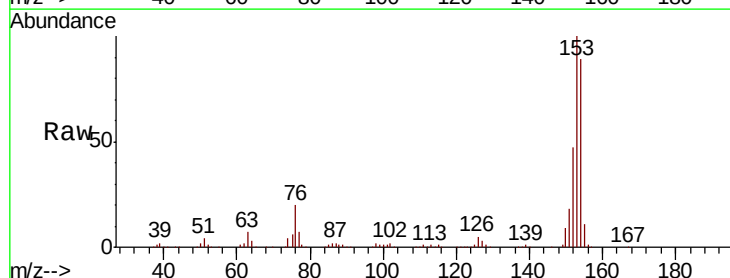


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

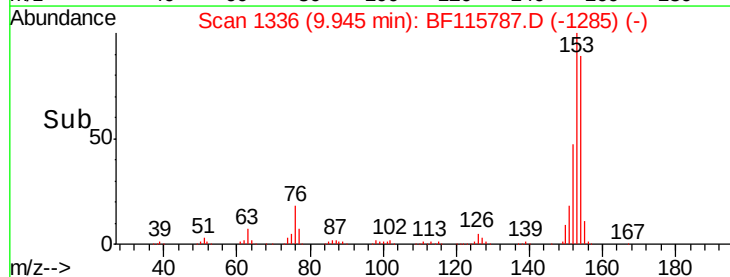
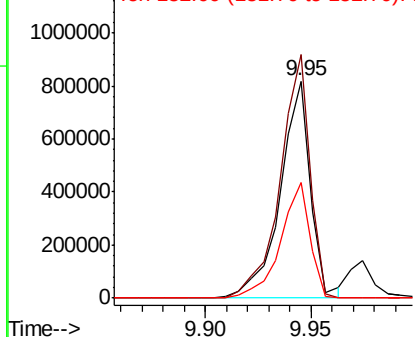


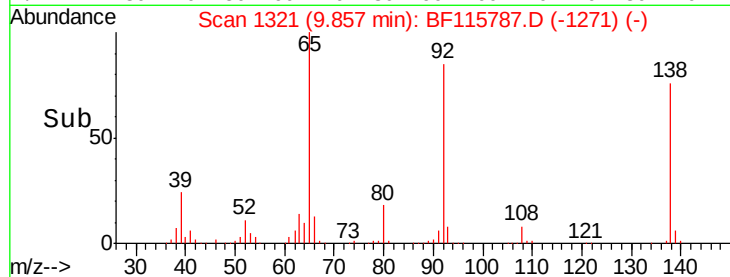
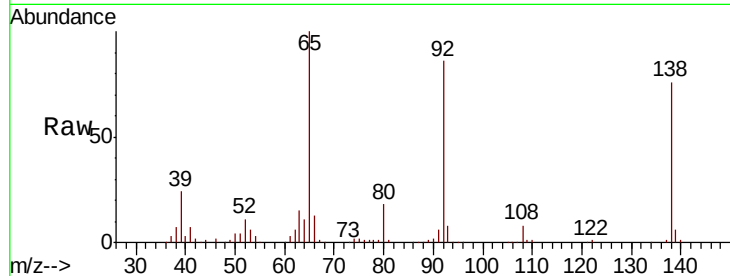
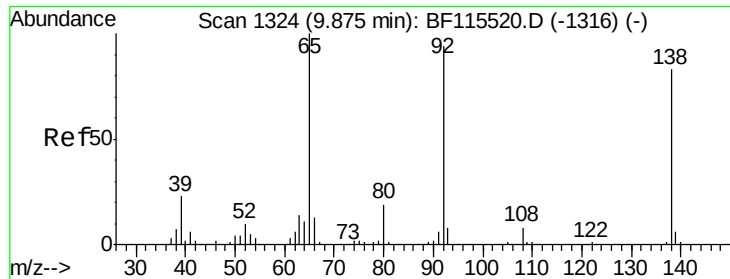
#52
 Acenaphthene
 Concen: 38.769 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	820423		
153	112.0	88.1	132.1	
152	53.0	42.0	63.0	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





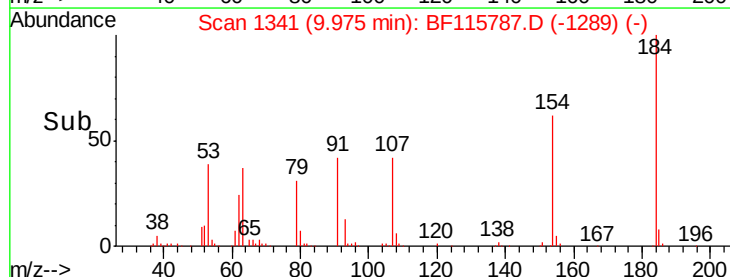
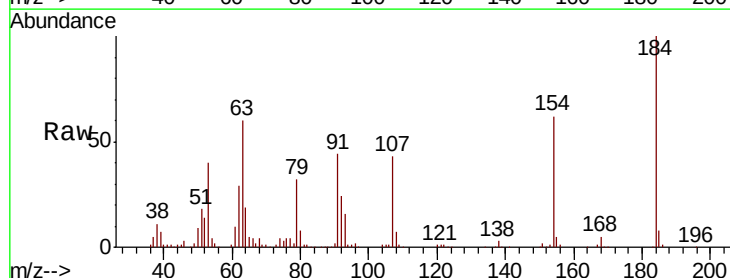
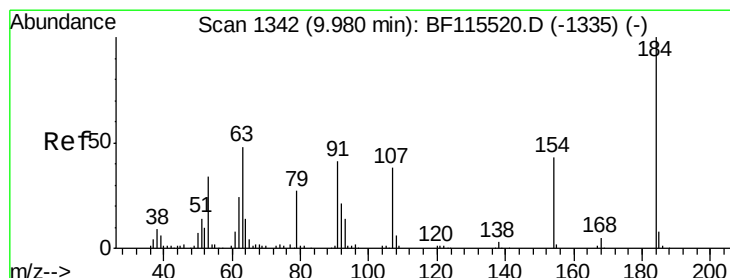
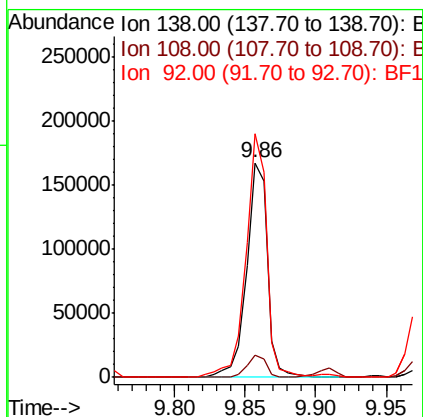
#53
3-Nitroaniline
Concen: 26.206 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tot Ion:138 Resp: 174000
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 113.6 87.2 130.8

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

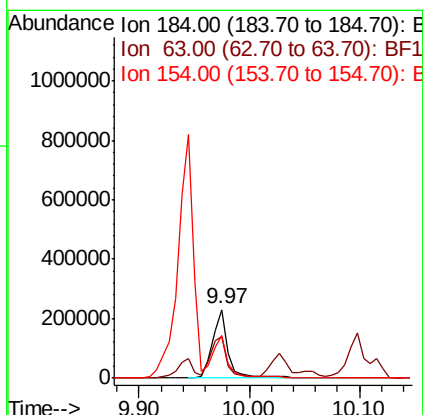
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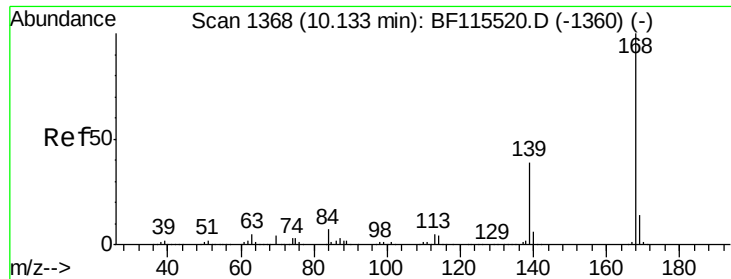
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#54
2,4-Dinitrophenol
Concen: 73.477 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:184 Resp: 219189
Ion Ratio Lower Upper
184 100
63 59.7 55.2 82.8
154 62.0 51.4 77.0





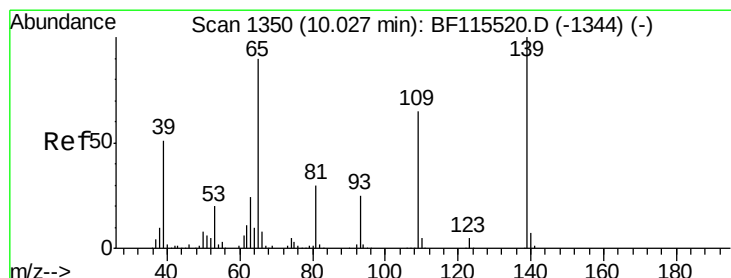
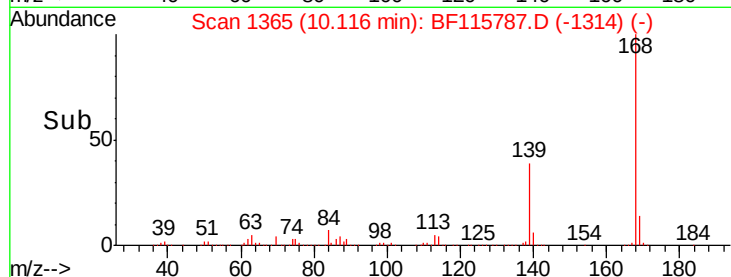
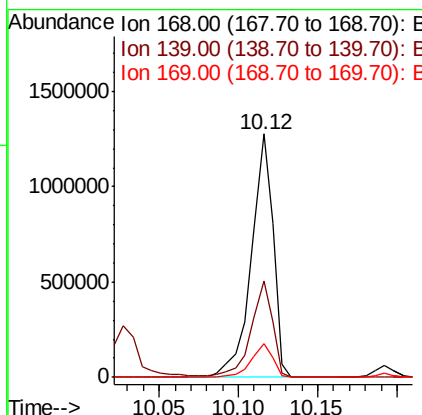
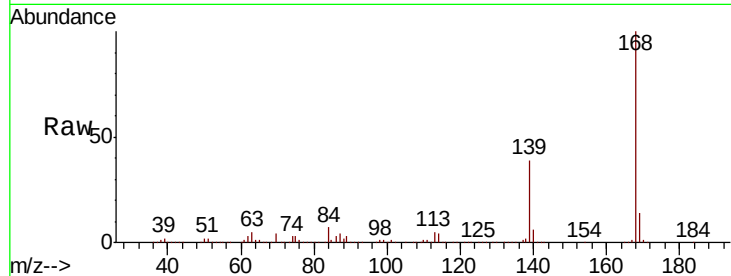
#55
Dibenzofuran
Concen: 40.512 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion:168 Resp: 1217494
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.2
169 13.8 11.3 16.9

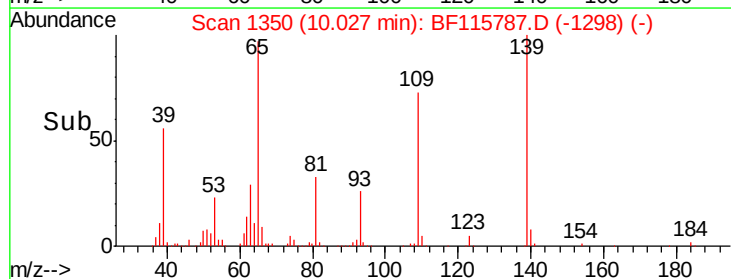
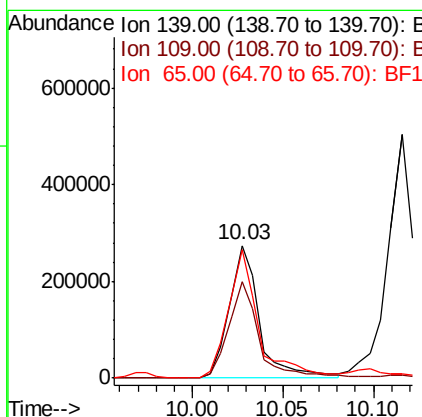
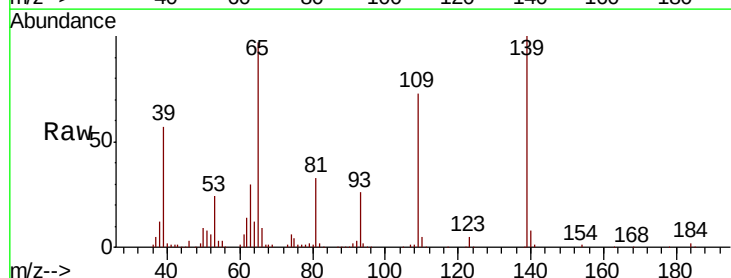
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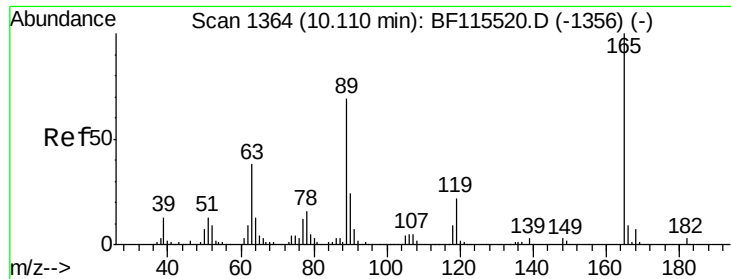
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#56
4-Nitrophenol
Concen: 62.971 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:139 Resp: 318830
Ion Ratio Lower Upper
139 100
109 72.7 51.2 91.2
65 97.3 76.0 116.0





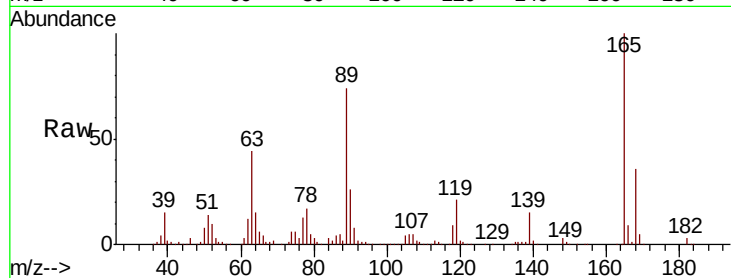
#57
2,4-Dinitrotoluene
Concen: 40.502 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	304880		
63	44.2	33.4	50.2	
89	74.1	57.3	85.9	
182	2.5	2.1	3.1	

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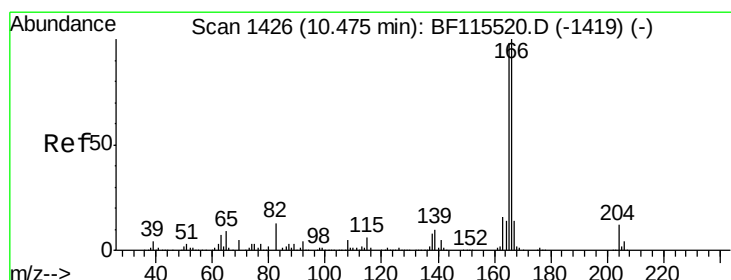
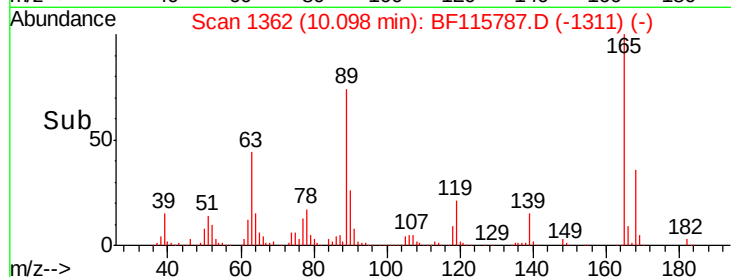
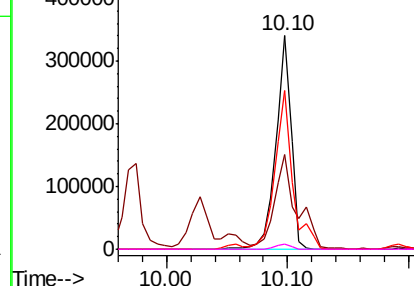
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.114 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

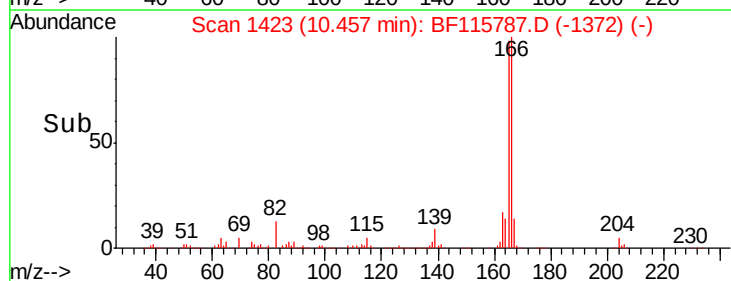
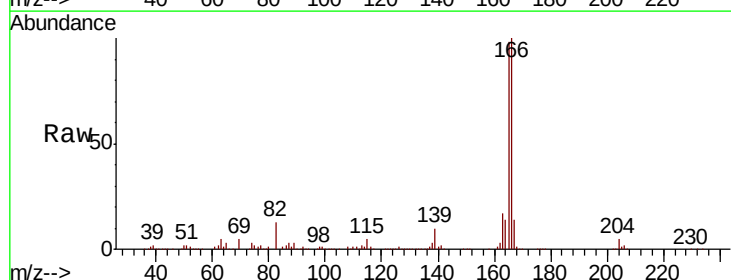
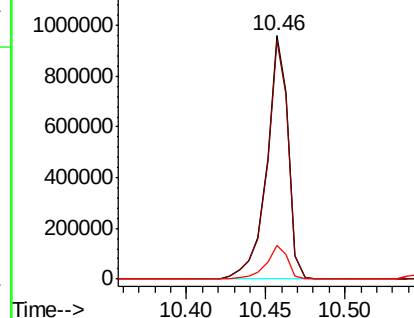
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	904772		
165	98.1	79.0	118.4	
167	13.7	11.0	16.6	

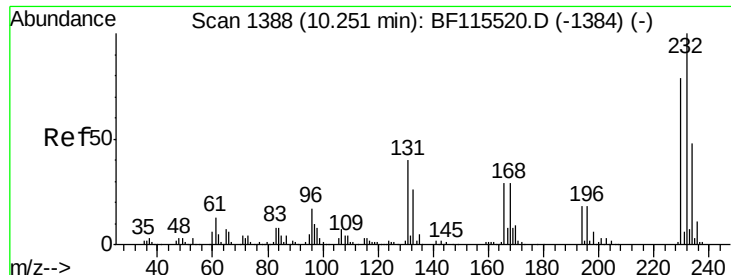
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





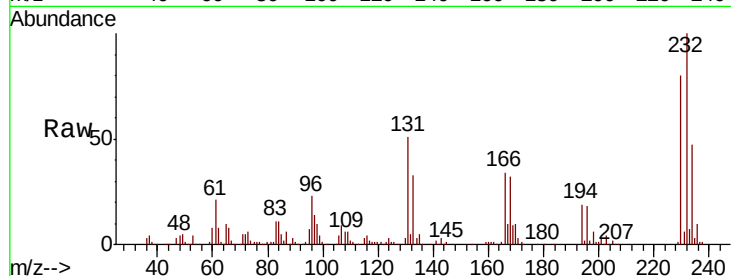
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.767 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampled :
PB121741BSD

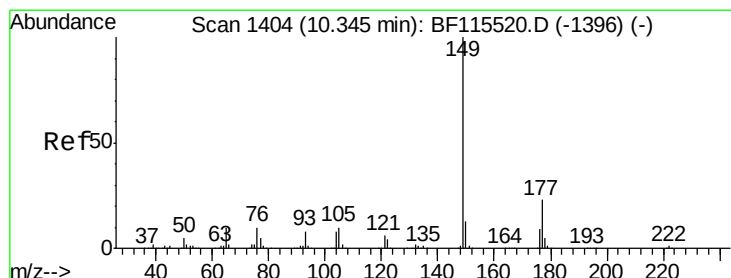
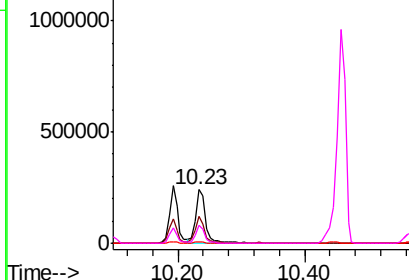
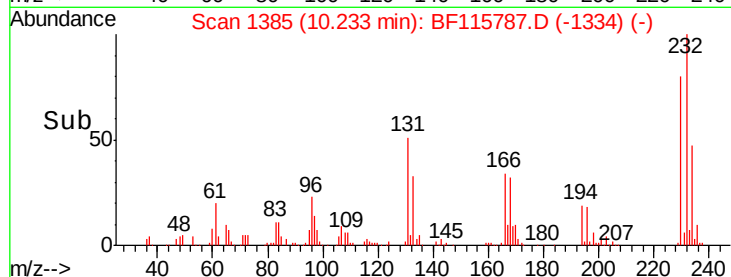
Tot Ion:	232	Resp:	261173
Ion Ratio	Lower	Upper	
232	100		
131	44.3	35.8	53.8
130	2.4	1.8	2.6
166	28.9	23.6	35.4

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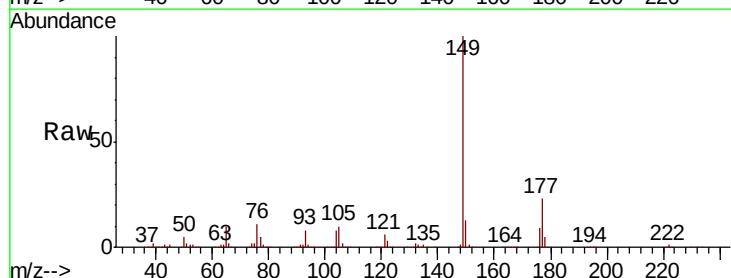


Abundance Ion 232.00 (231.70 to 232.70): E
1500000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

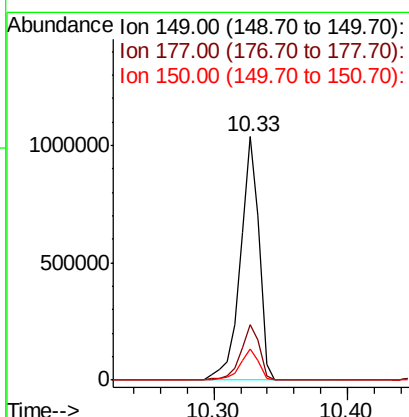
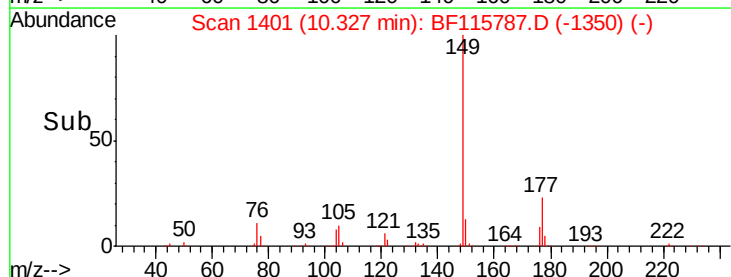


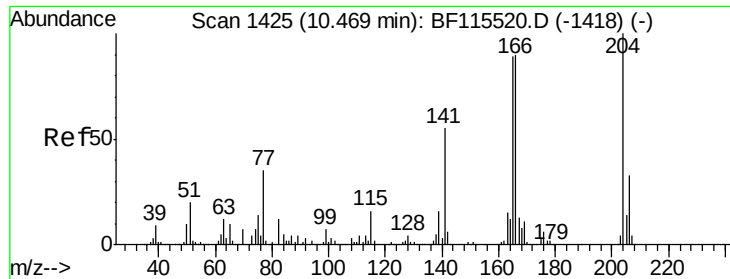
#60
Diethylphthalate
Concen: 41.761 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:	149	Resp:	1000398
Ion Ratio	Lower	Upper	
149	100		
177	23.0	19.0	28.4
150	12.9	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 38.928 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

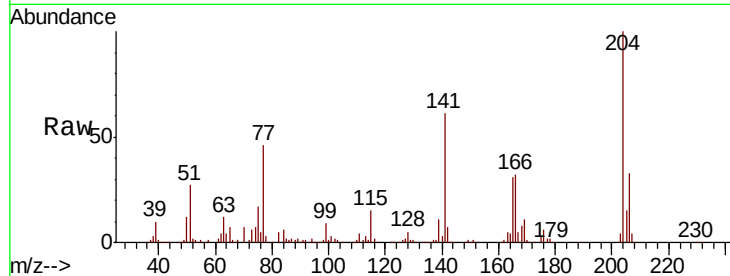
ClientSampleId :

PB121741BSD

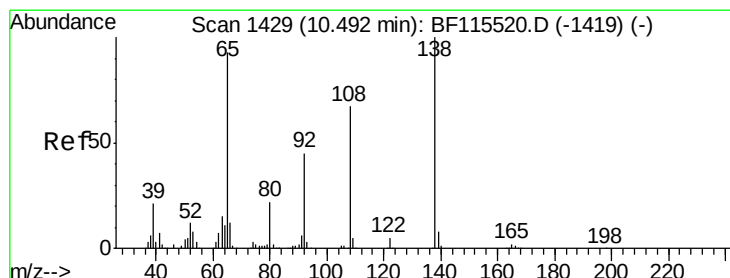
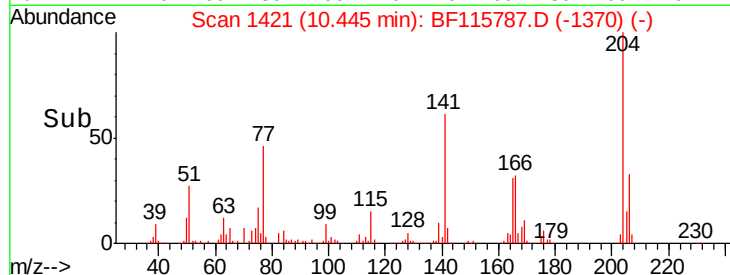
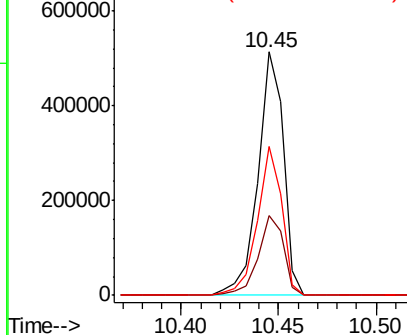
Tot Ion:	204	Resp:	463786
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	61.1	47.3	70.9

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



#62

4-Nitroaniline

Concen: 36.236 ng

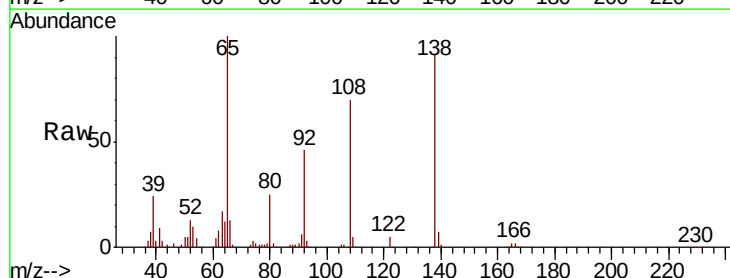
RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

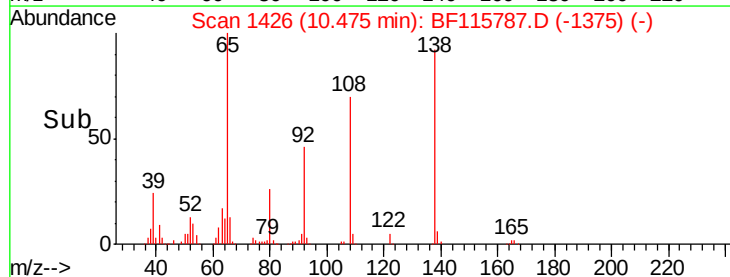
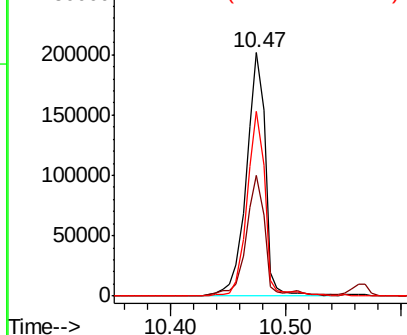
Lab File: BF115787.D

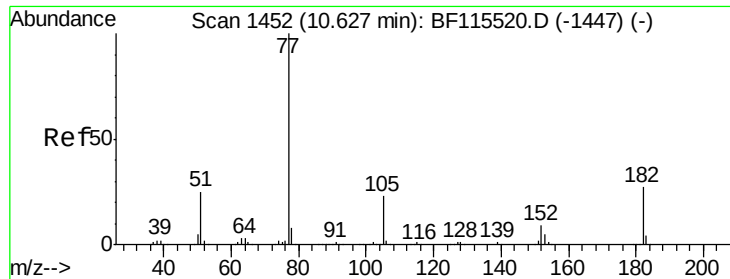
Acq: 26 Jul 2019 14:36

Tgt Ion:	138	Resp:	230784
Ion Ratio	Lower	Upper	
138	100		
92	49.8	30.3	70.3
108	76.1	55.0	95.0



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





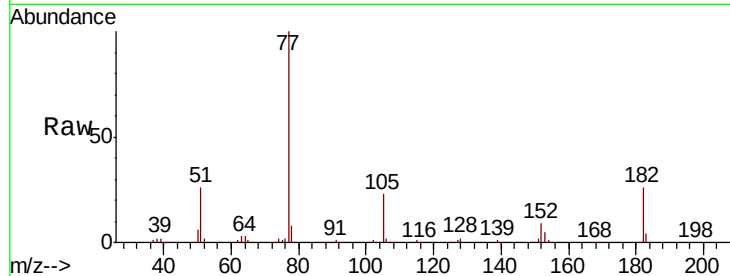
#63
Azobenzene
Concen: 43.534 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.9	46.9
105	23.0	3.1	43.1
51	26.5	6.7	46.7

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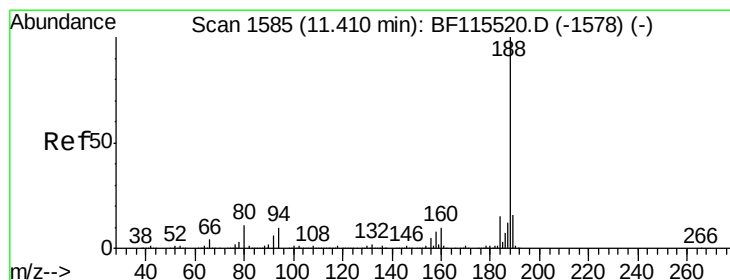
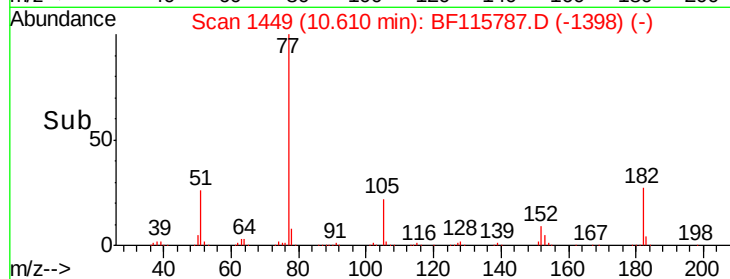
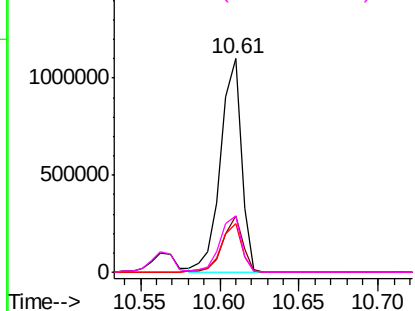
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

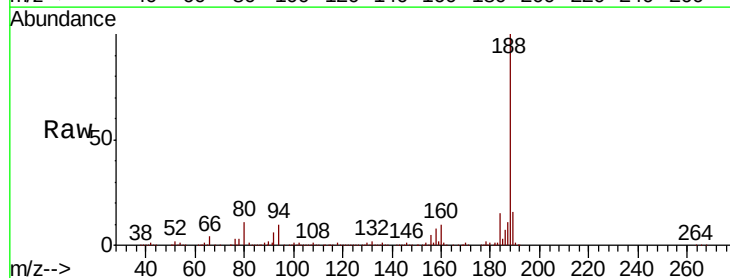
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	11.0	9.0	13.6

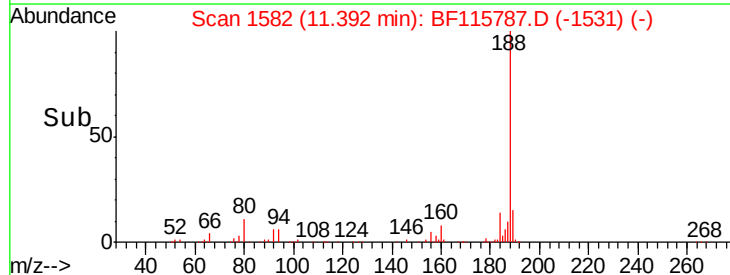
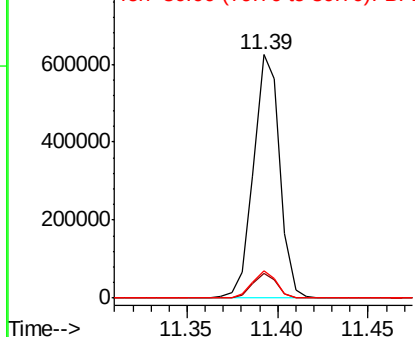


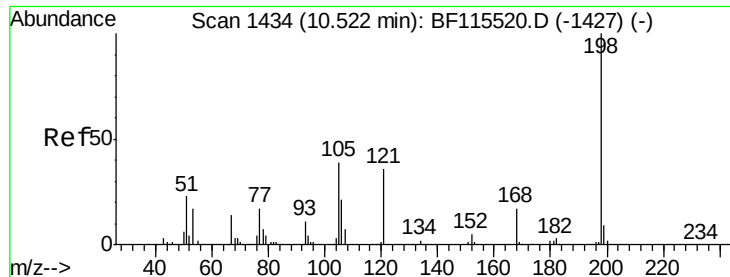
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





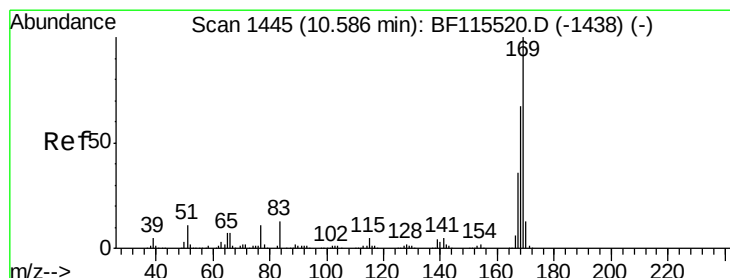
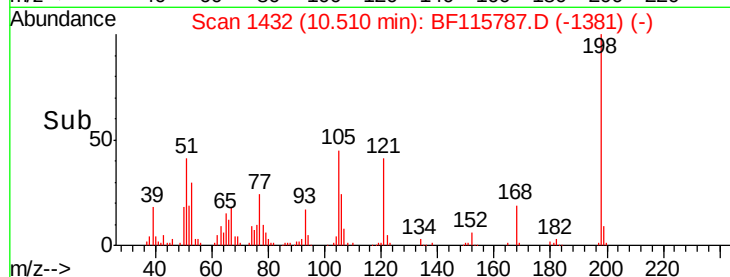
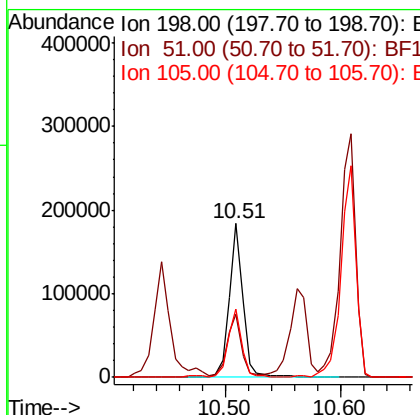
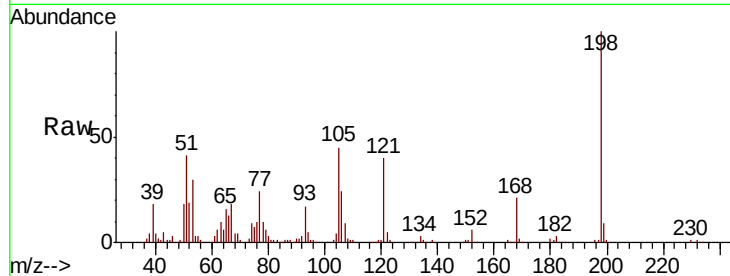
#65
4,6-Dinitro-2-methylphenol
Concen: 39.536 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	151668		
51	41.4	20.3	60.3	
105	44.6	24.7	64.7	

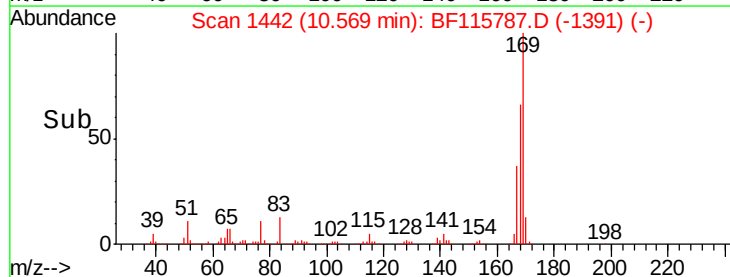
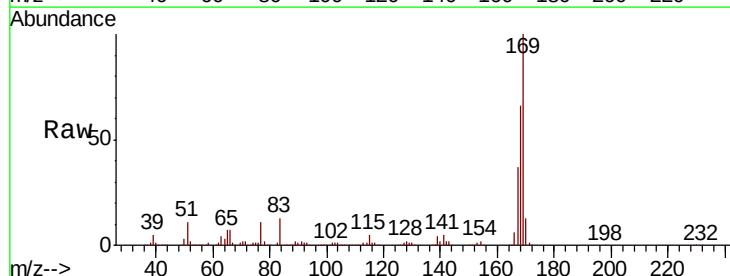
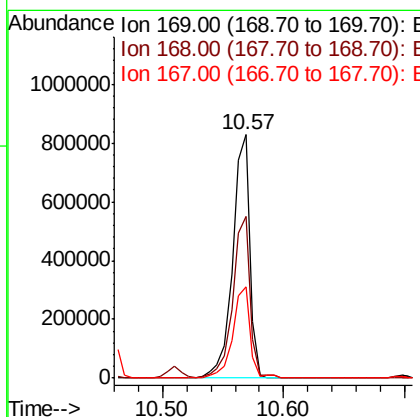
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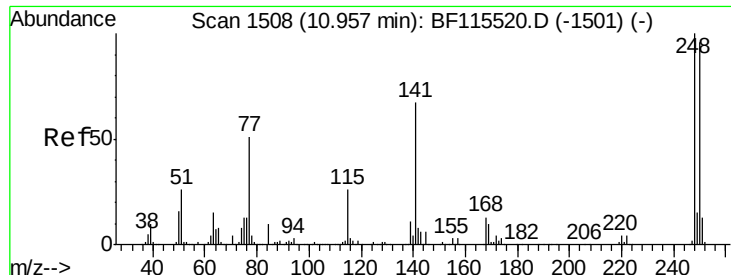
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.009 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	820494		
168	66.3	53.4	80.0	
167	37.4	29.1	43.7	





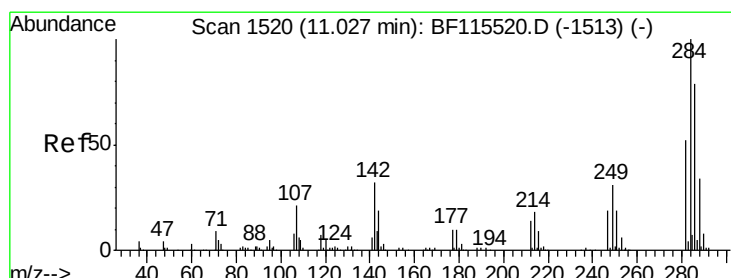
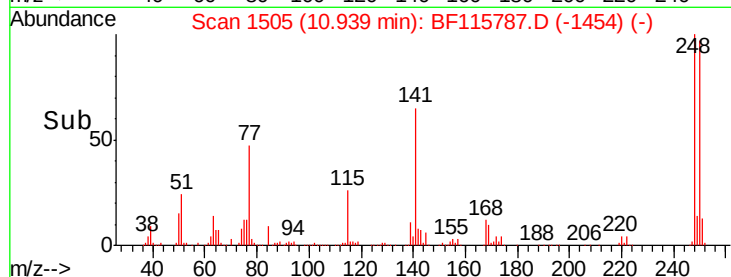
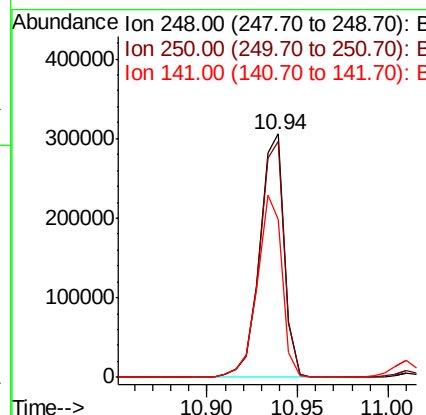
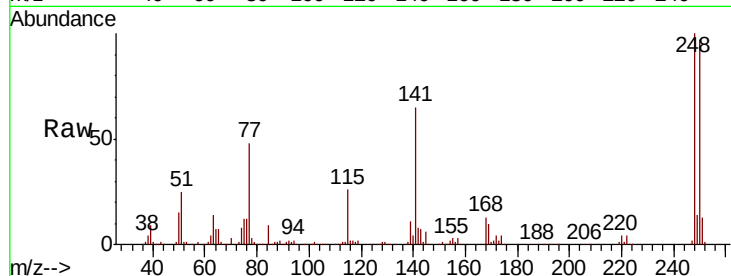
#67
4-Bromophenyl-phenylether
Concen: 40.374 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.4
141	64.6	52.1	78.1

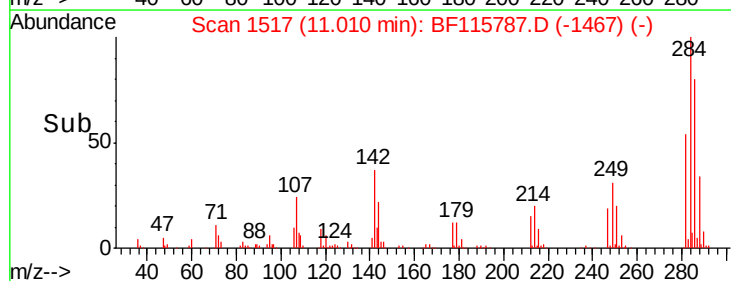
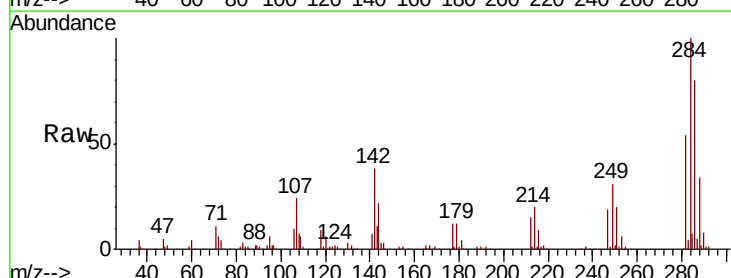
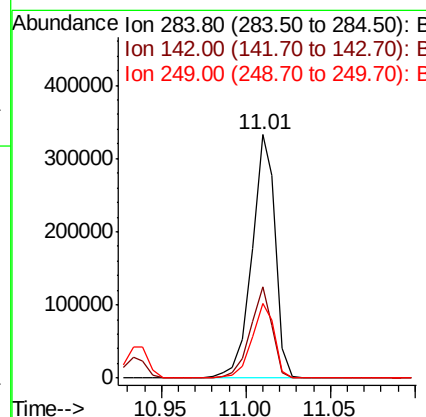
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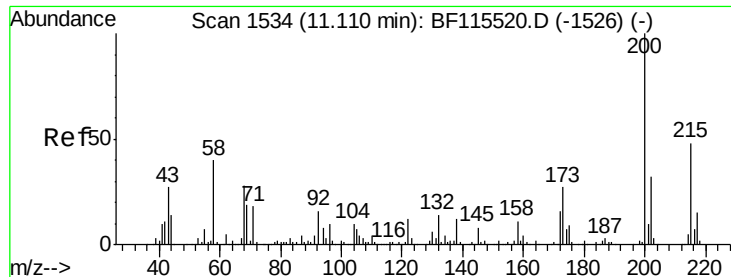
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#68
Hexachlorobenzene
Concen: 39.115 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	21.8	32.8#
249	30.8	23.1	34.7





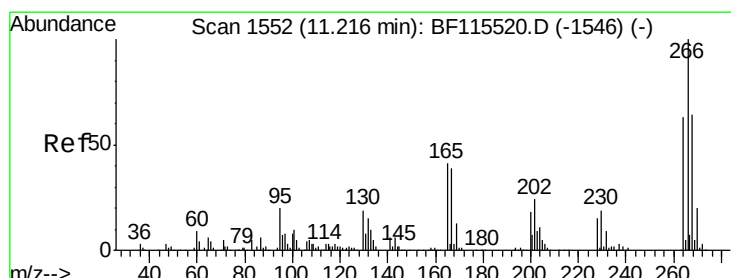
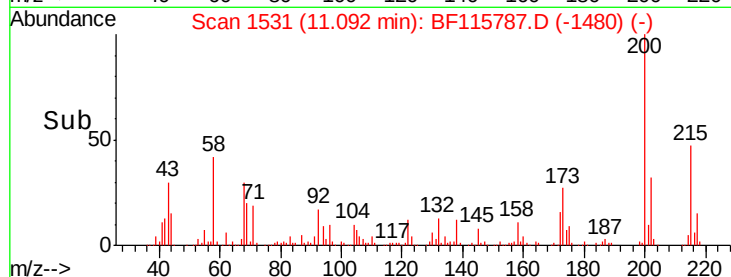
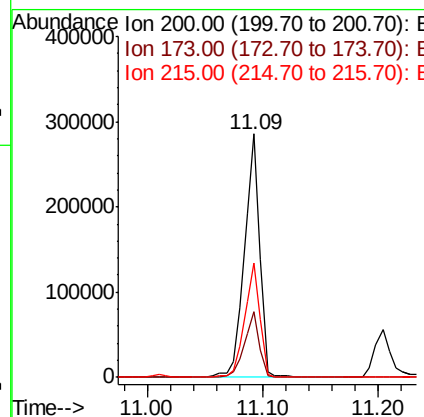
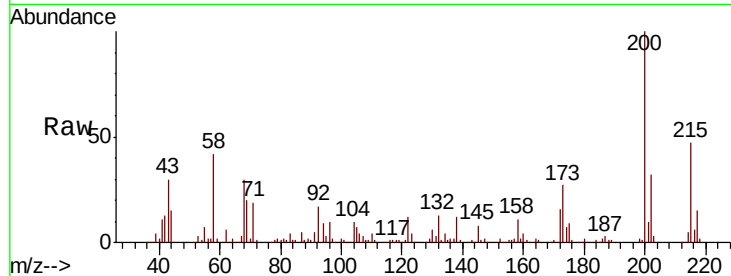
#69
Atrazine
Concen: 41.065 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.9	46.9
215	47.0	26.6	66.6

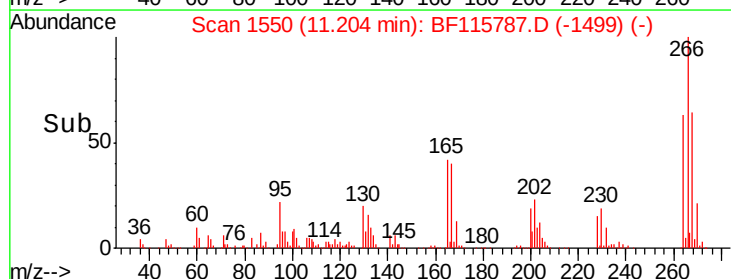
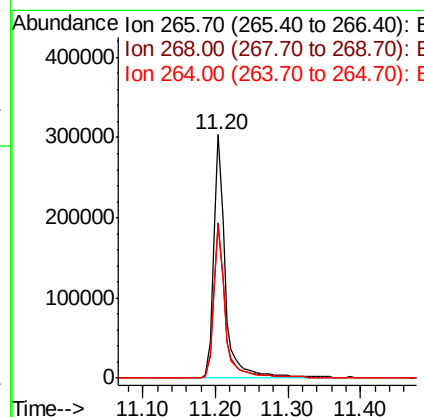
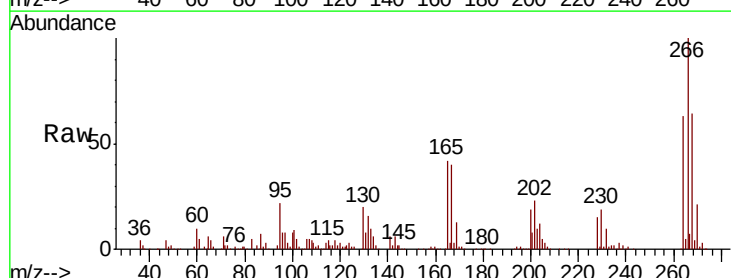
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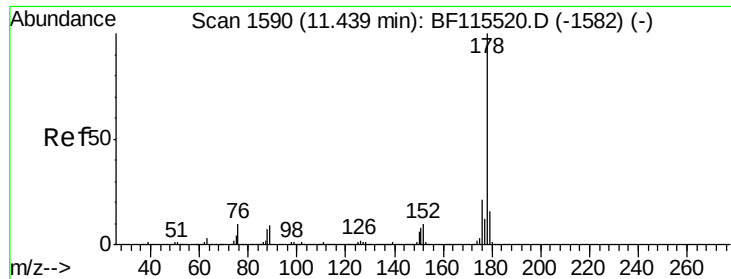
mohammad
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#70
Pentachlorophenol
Concen: 68.288 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.2	76.8
264	62.9	50.0	75.0





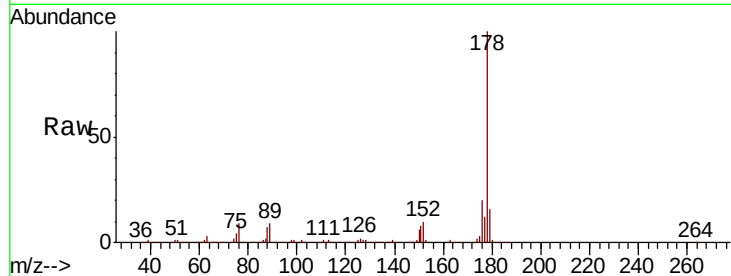
#71
Phenanthrene
Concen: 40.624 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

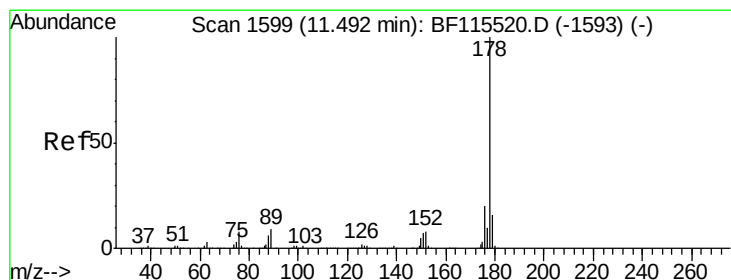
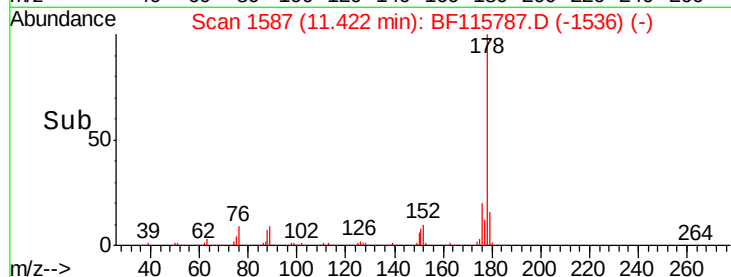
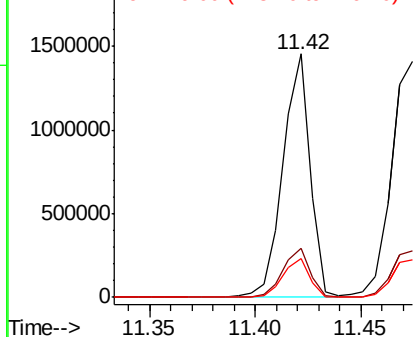
Tot Ion:178 Resp: 1307497
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.0 12.7 19.1

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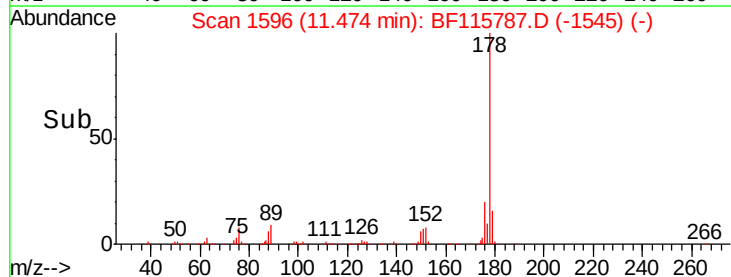
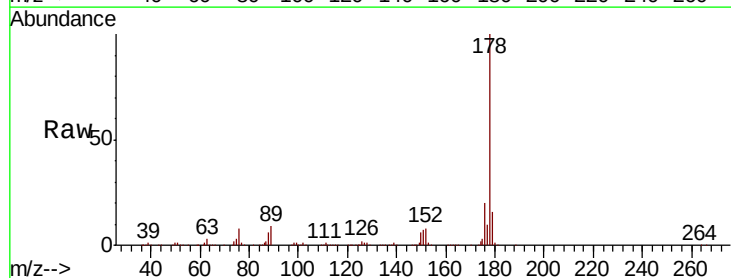
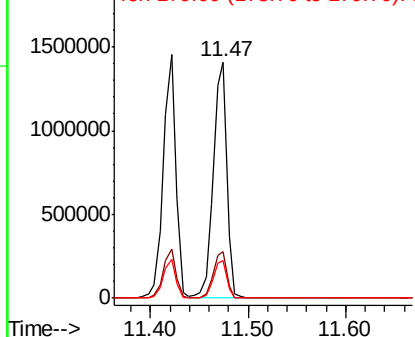
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

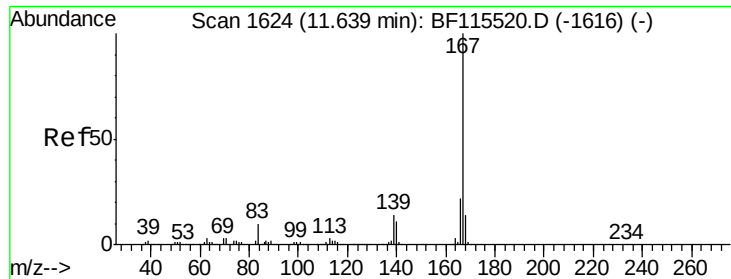


#72
Anthracene
Concen: 40.721 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion:178 Resp: 1354486
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.8 12.6 18.8

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.047 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

ClientSampleId :

PB121741BSD

Tot Ion:167 Resp: 1197267

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

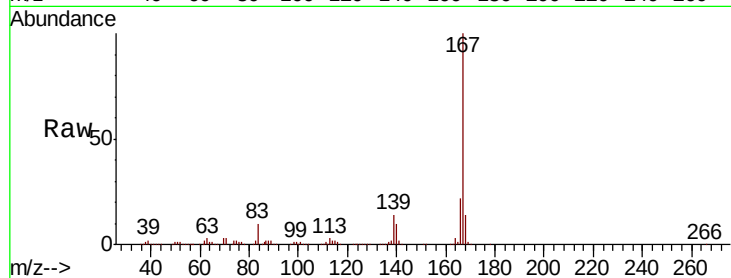
139 13.9 11.1 16.7

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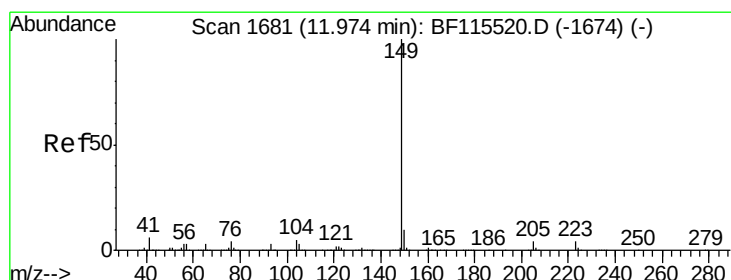
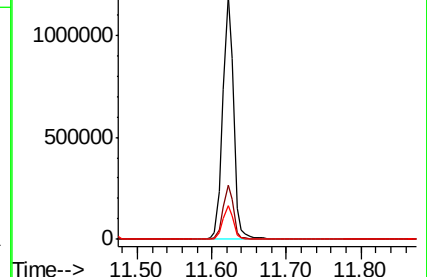
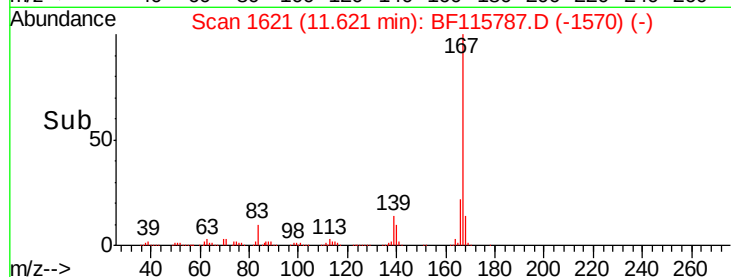
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.928 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

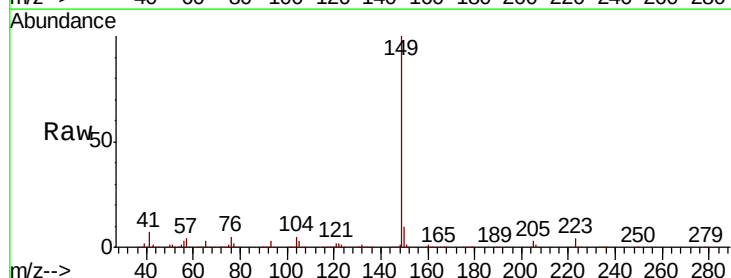
Tgt Ion:149 Resp: 1506431

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

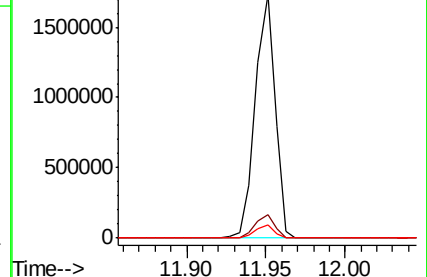
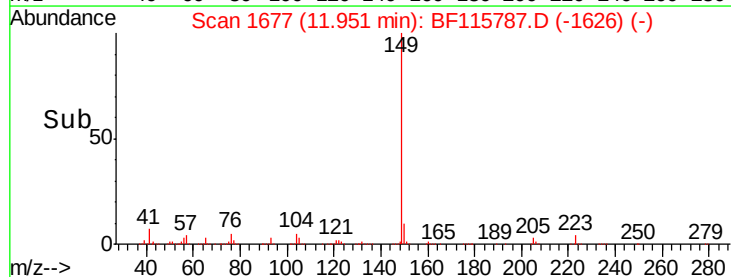
104 5.4 4.3 6.5

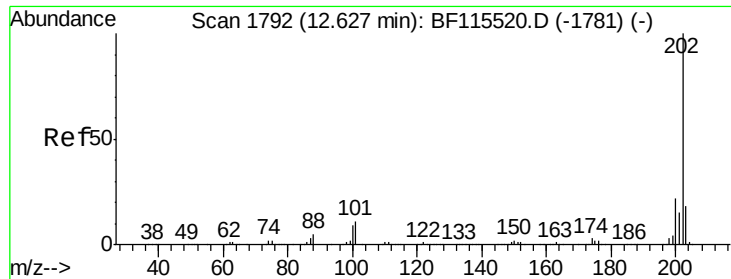


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.729 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

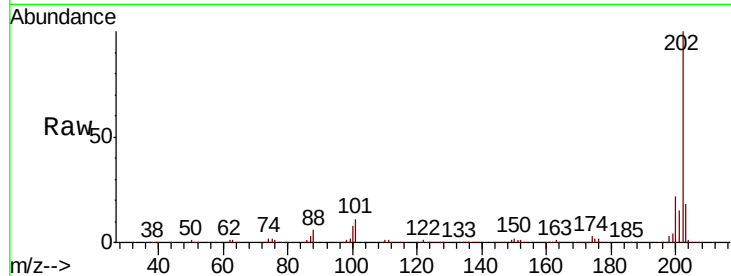
ClientSampleId :

PB121741BSD

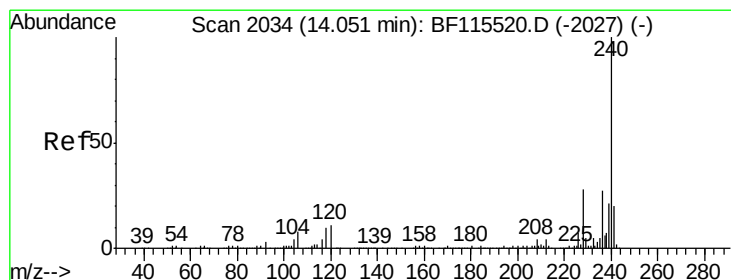
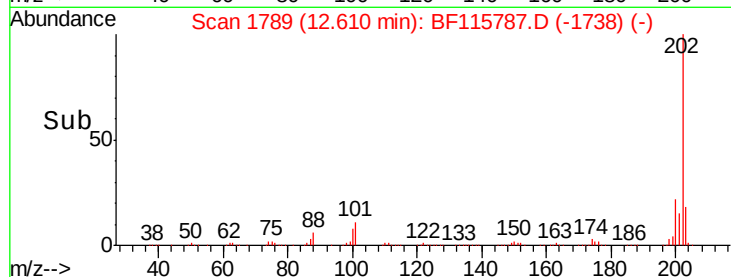
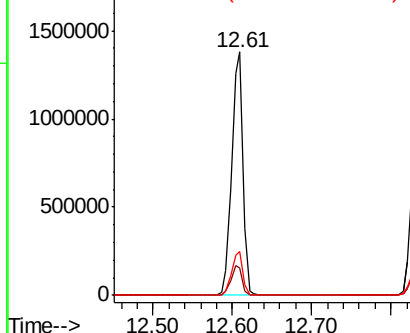
Tot Ion:	202	Resp:	1351219
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.6
203	18.0	0.0	38.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

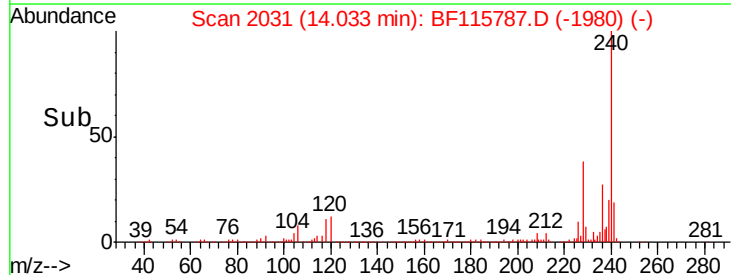
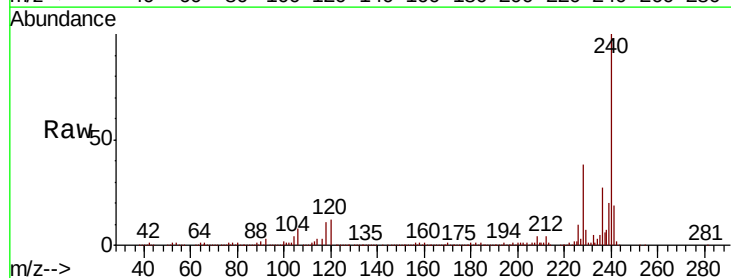
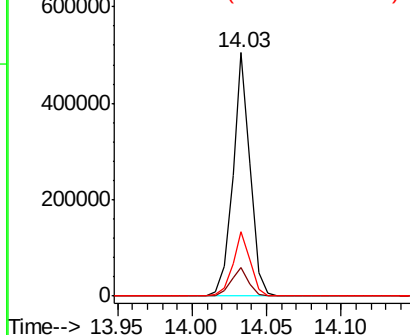
Delta R.T. 0.00 min

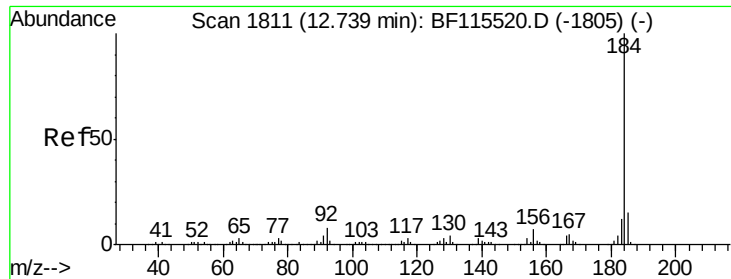
Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:	240	Resp:	411260
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.0	15.0
236	26.7	21.8	32.6

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.472 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Instrument :

BNA_F

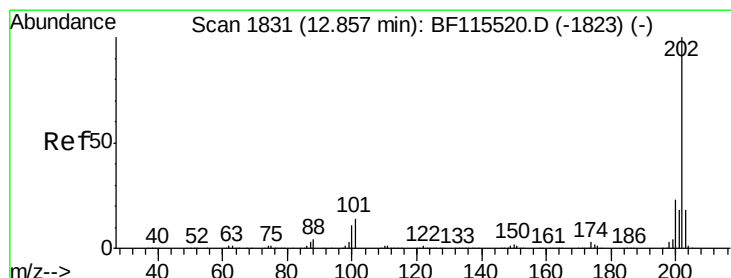
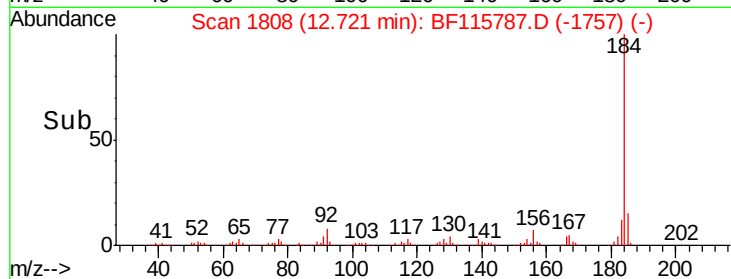
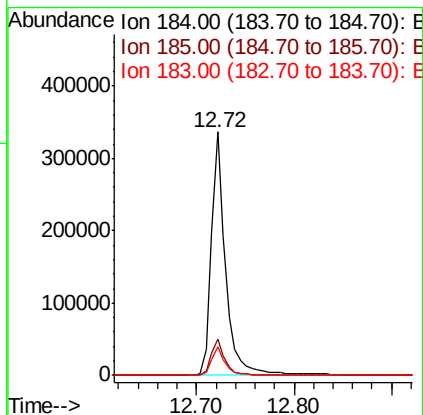
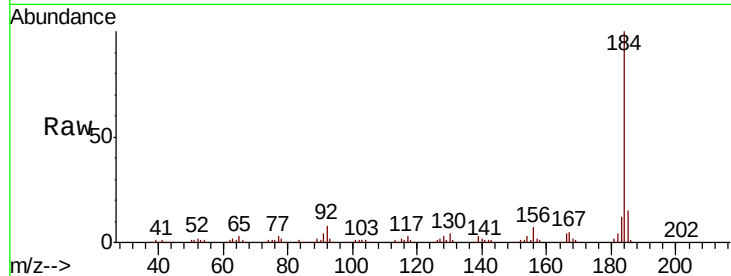
ClientSampleId :

PB121741BSD

Tot Ion:	184	Resp:	341960
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.5	18.7
183	11.6	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 38.840 ng

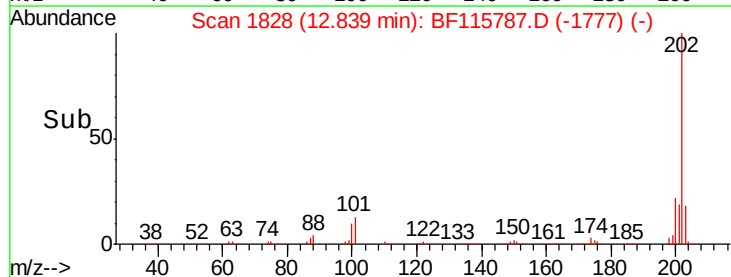
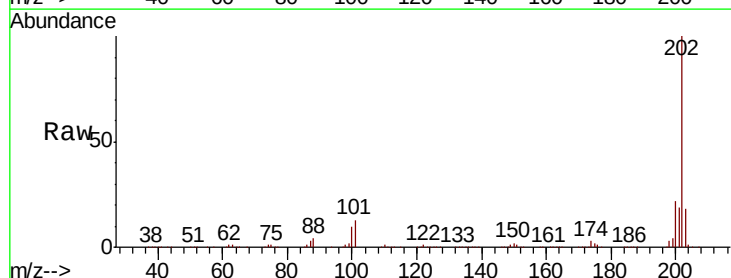
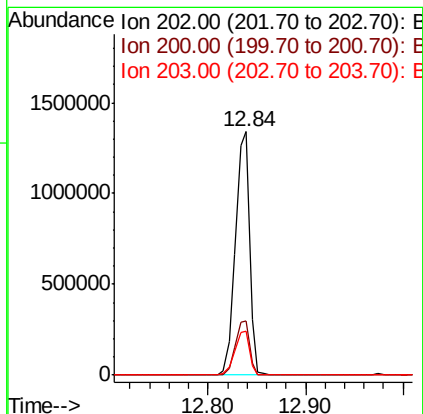
RT: 12.84 min Scan# 1828

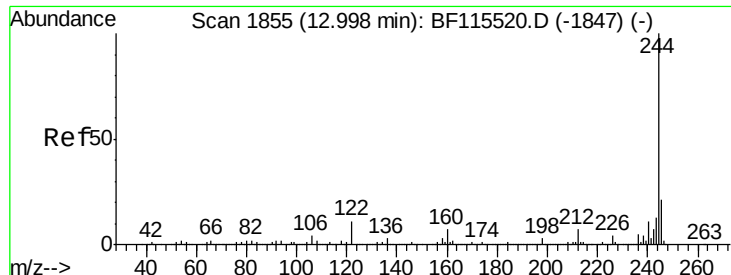
Delta R.T. 0.00 min

Lab File: BF115787.D

Acq: 26 Jul 2019 14:36

Tgt Ion:	202	Resp:	1353331
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.2	27.4
203	17.8	14.6	21.8





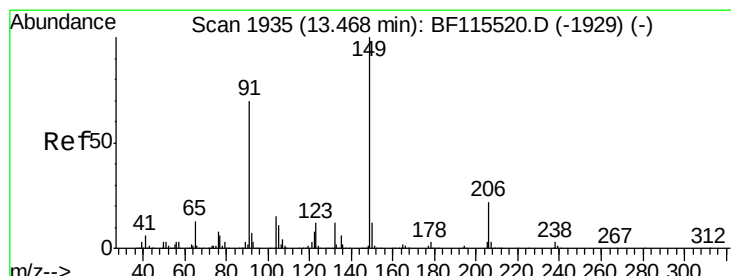
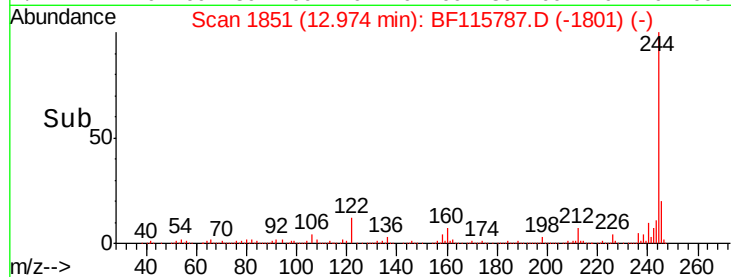
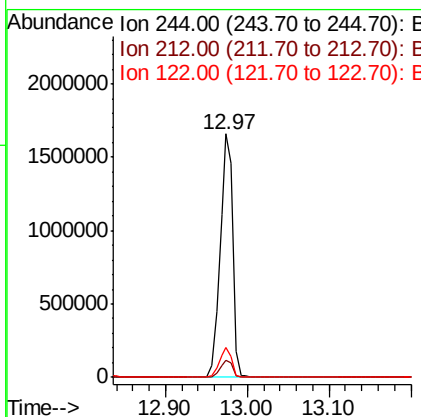
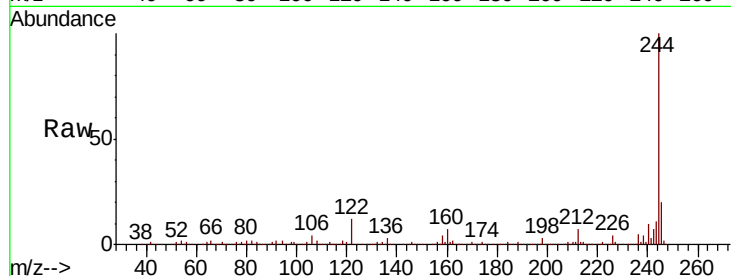
#79
 Terphenyl-d14
 Concen: 79.242 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB121741BSD

Tot Ion:244 Resp: 1766178
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.0 8.2 12.4

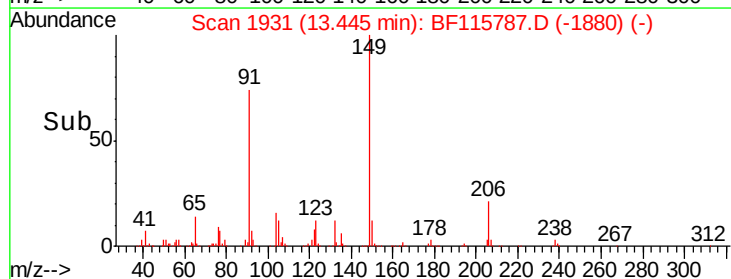
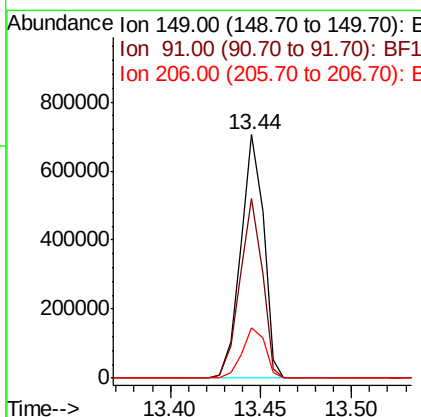
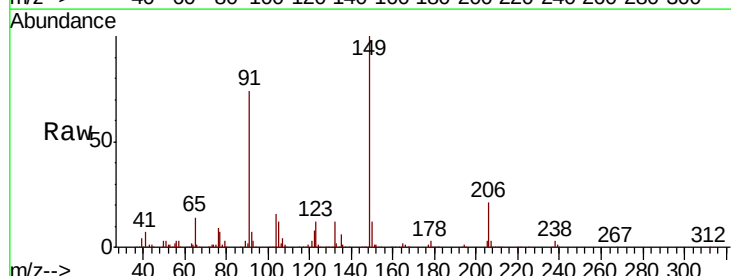
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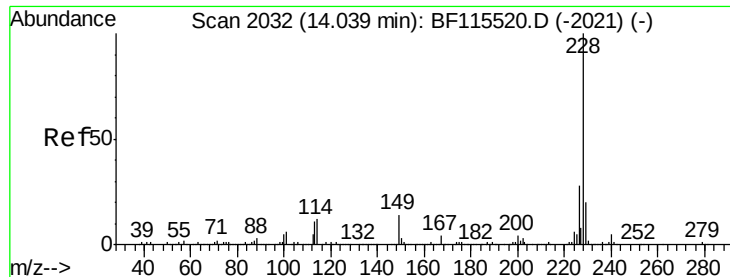
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#80
 Butylbenzylphthalate
 Concen: 41.593 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BF115787.D
 Acq: 26 Jul 2019 14:36

Tgt Ion:149 Resp: 617806
 Ion Ratio Lower Upper
 149 100
 91 73.6 59.8 89.8
 206 20.5 16.2 24.4





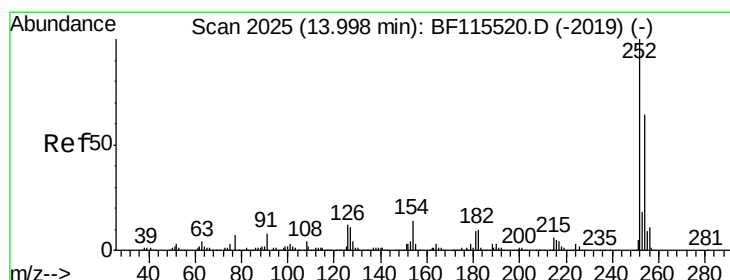
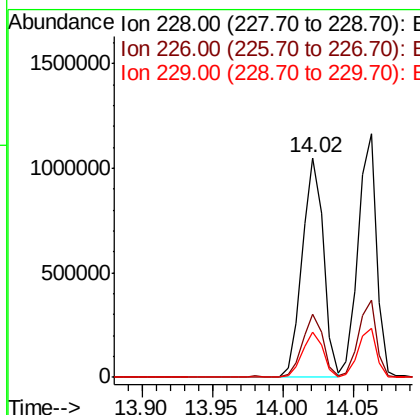
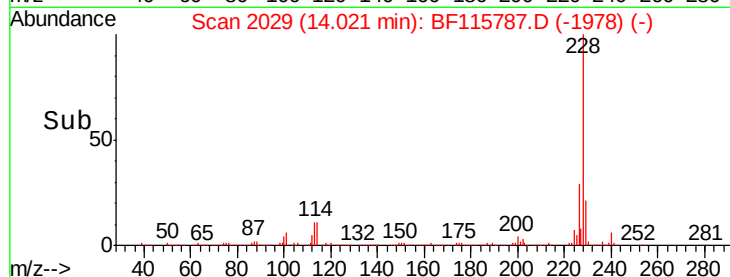
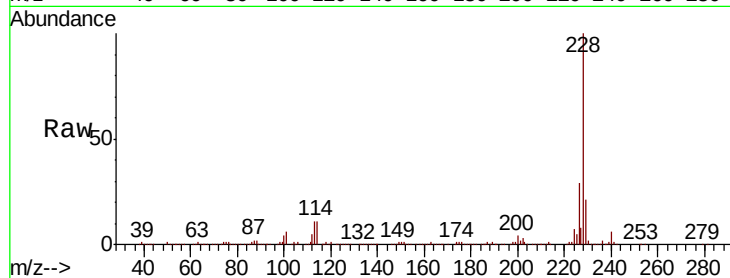
#81
Benzo(a)anthracene
Concen: 40.454 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	20.6	16.1	24.1

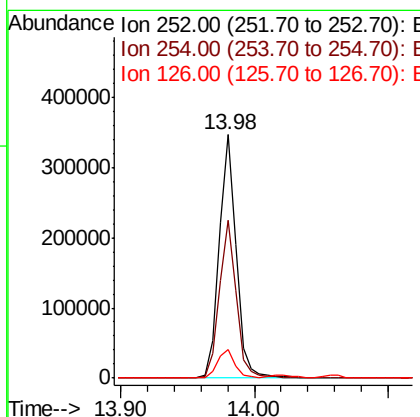
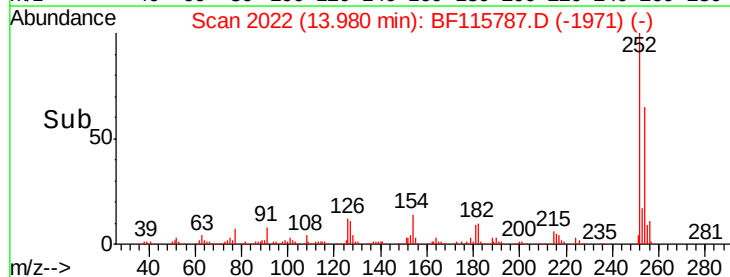
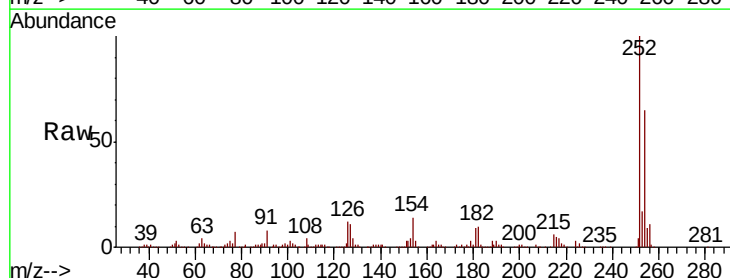
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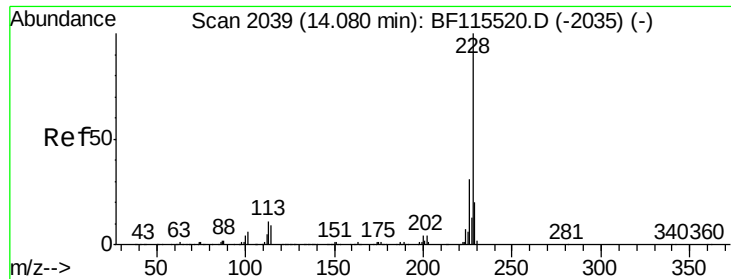
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.840 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	11.9	9.9	14.9





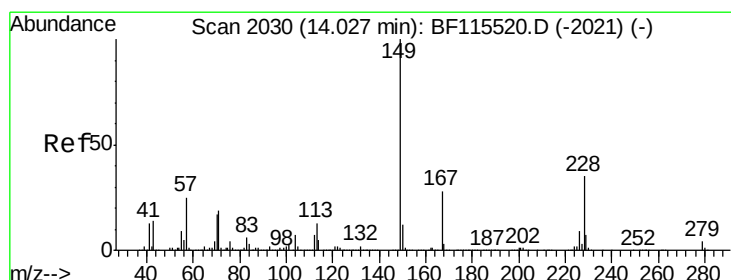
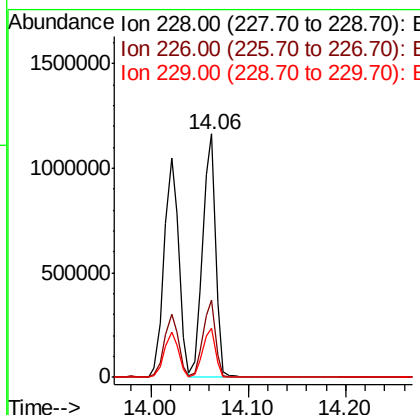
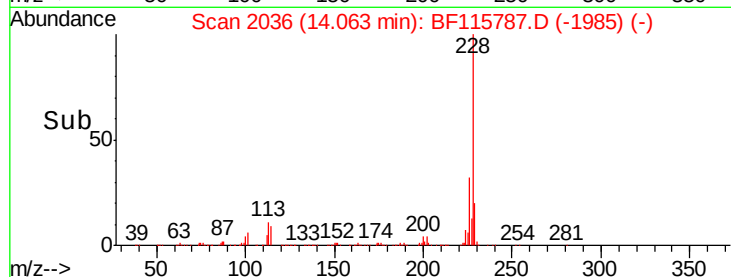
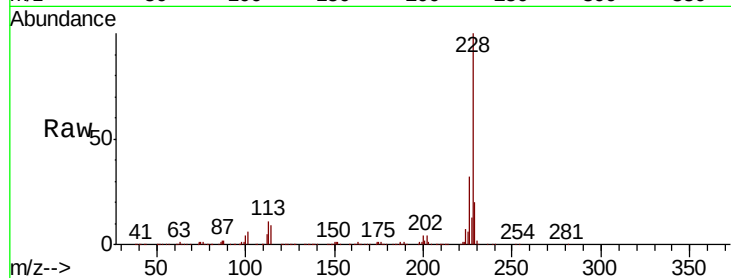
#83
Chrysene
Concen: 39.294 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	20.3	16.2	24.2

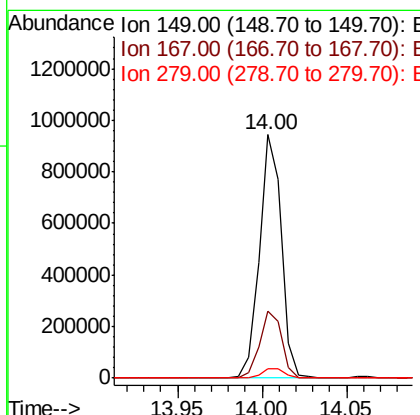
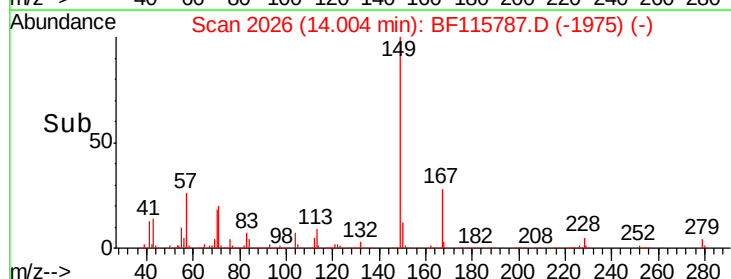
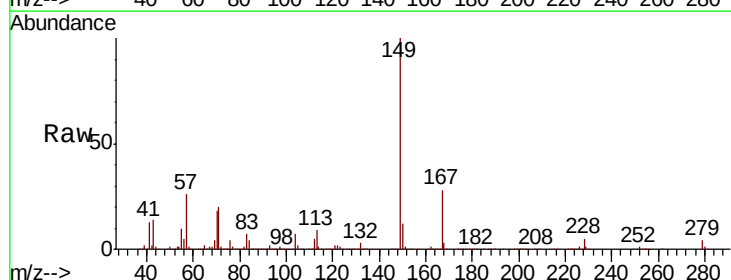
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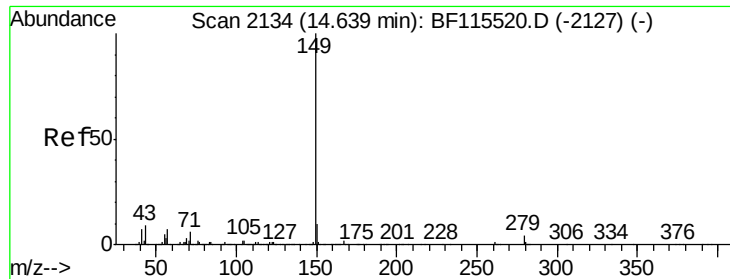
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.298 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.0	3.1	4.7





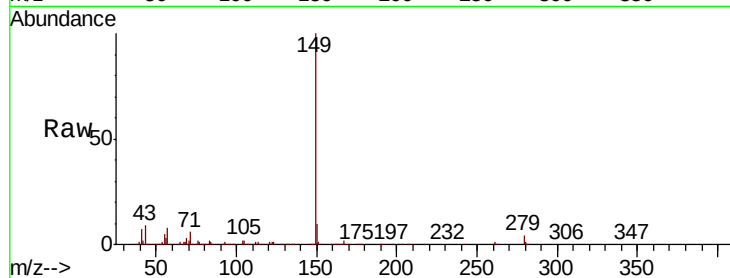
#85
Di-n-octyl phthalate
Concen: 47.194 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

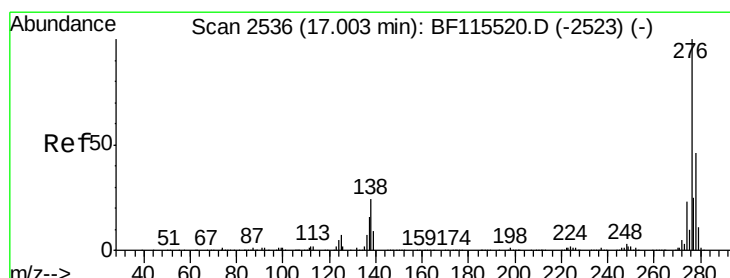
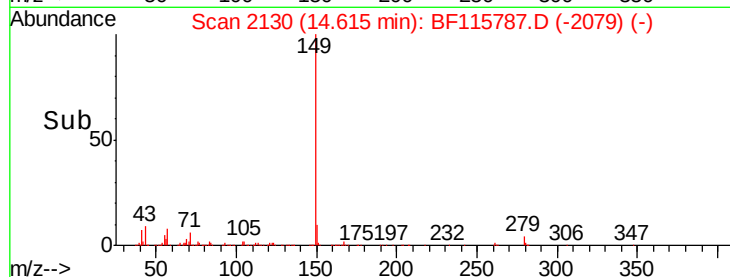
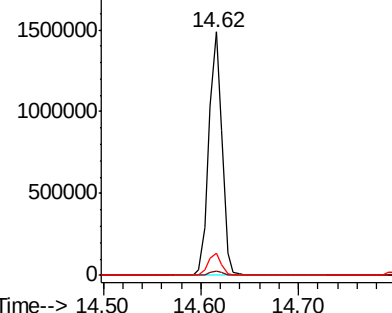
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.4	11.0

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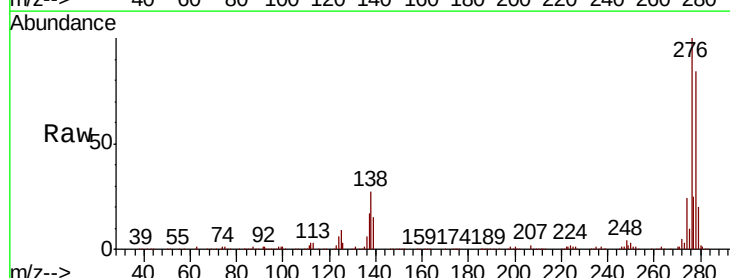


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

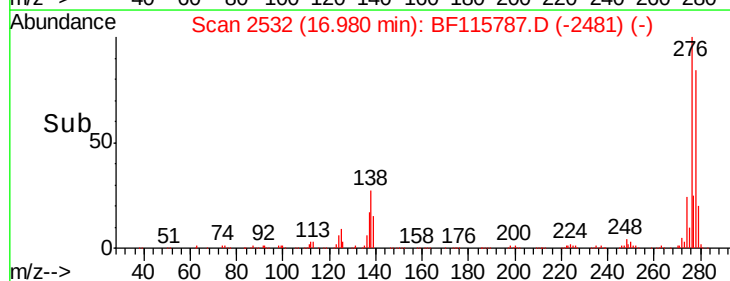
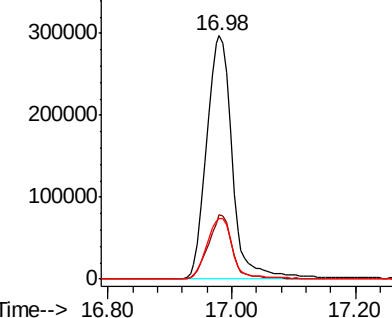


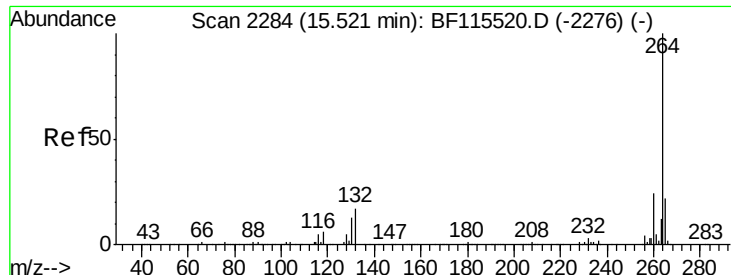
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.263 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.1	30.1
277	25.4	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





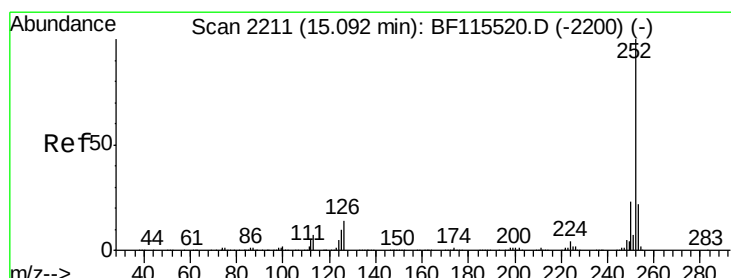
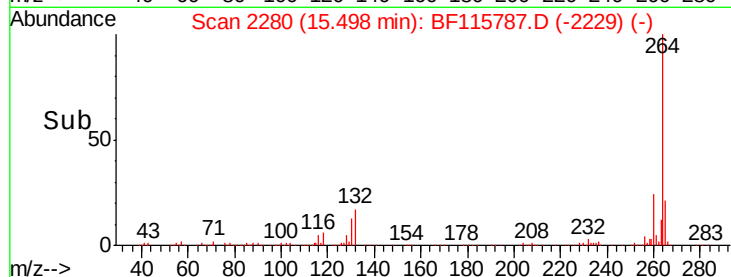
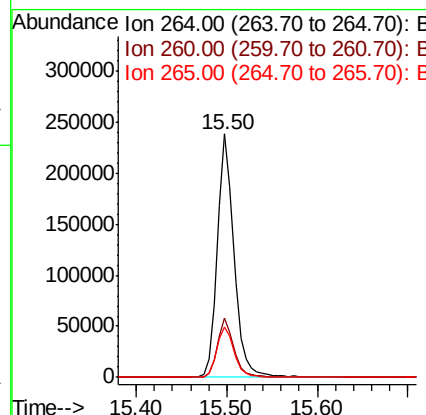
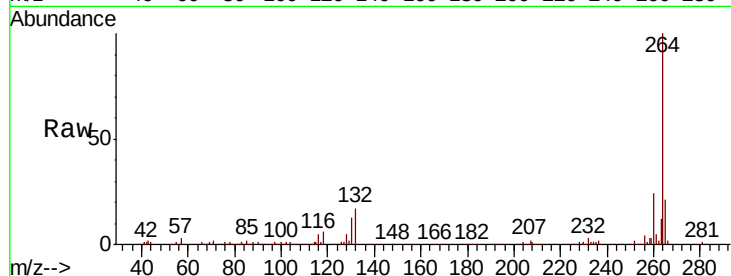
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	20.9	17.5	26.3

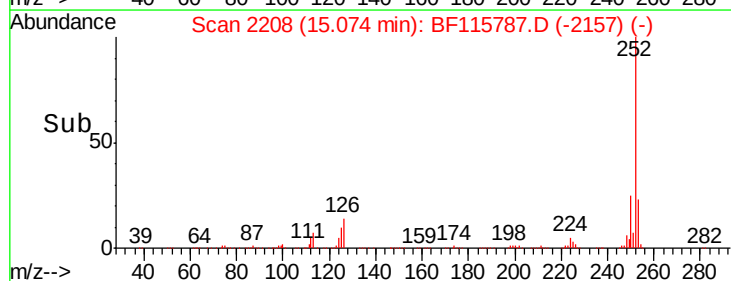
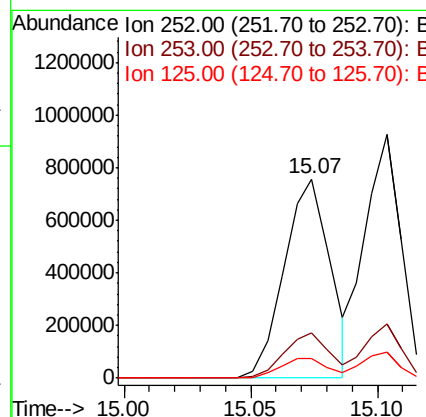
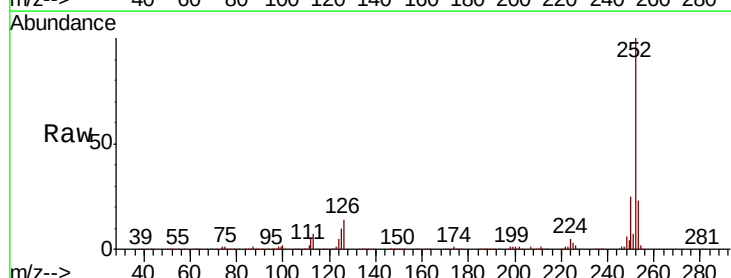
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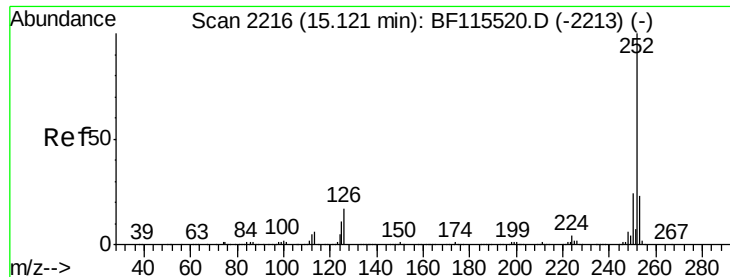
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.536 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.1	8.4	12.6





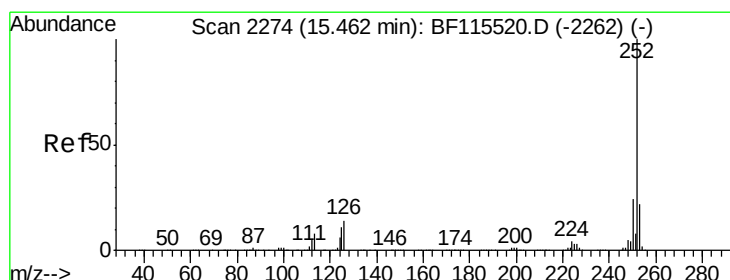
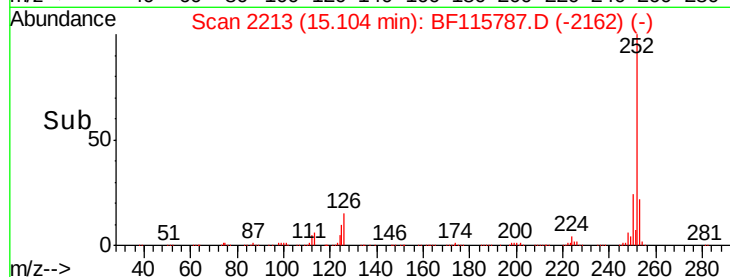
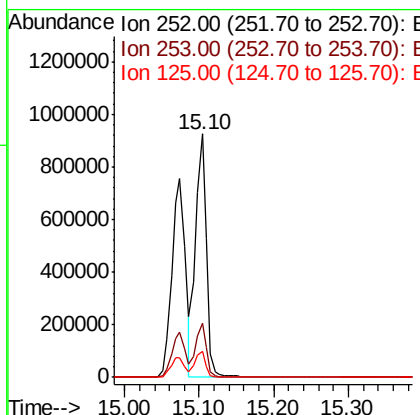
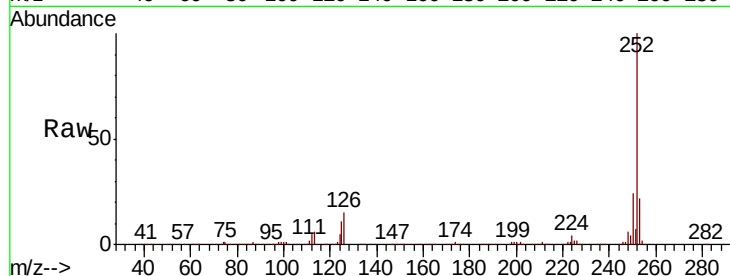
#89
Benzo(k)fluoranthene
Concen: 53.837 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.6	8.6	13.0

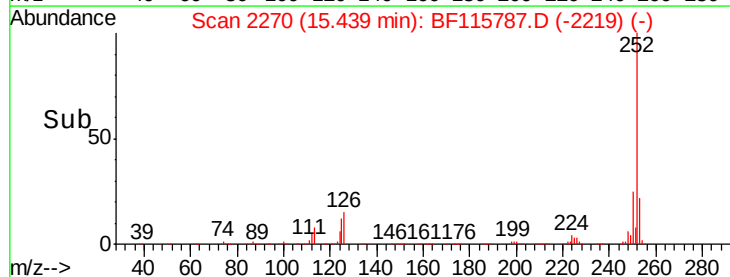
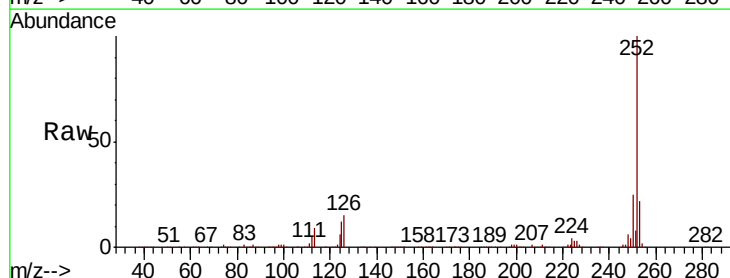
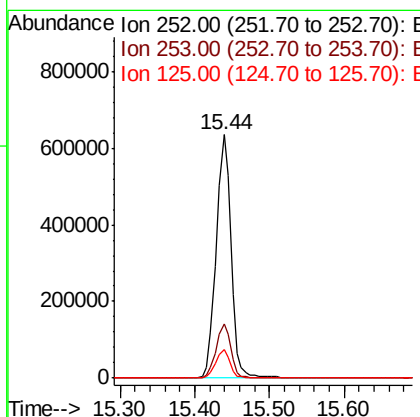
Manual Integrations
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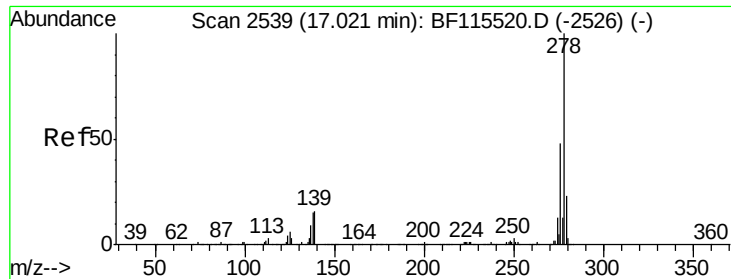
mohammad
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#90
Benzo(a)pyrene
Concen: 51.759 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.8	9.4	14.2





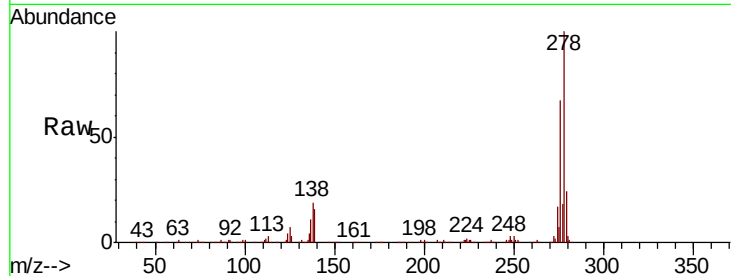
#91
Dibenzo(a,h)anthracene
Concen: 50.018 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Instrument :
BNA_F
ClientSampled :
PB121741BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.6	20.4
279	23.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/29/2019 5:28:53 PM

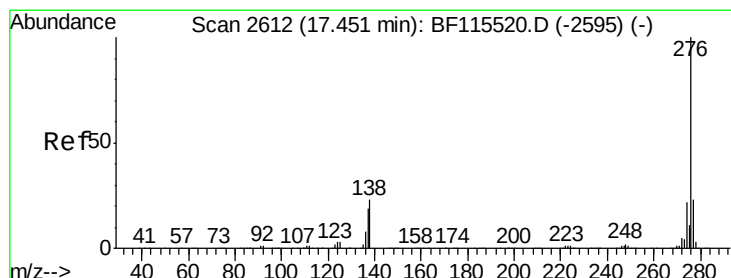
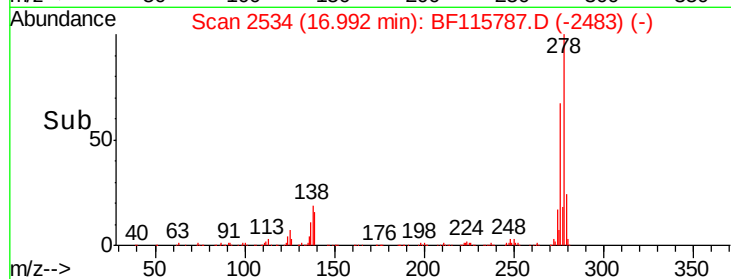
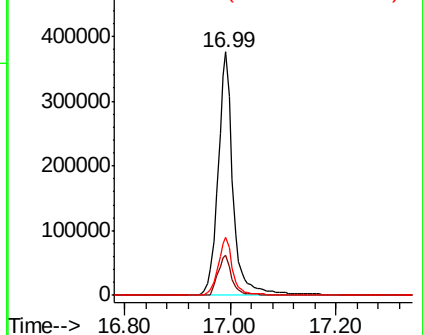


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.507 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF115787.D
Acq: 26 Jul 2019 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.1	27.1
138	20.9	16.6	24.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

