

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114606.D
 Acq On : 25 May 2019 16:19
 Operator : JU/SJ
 Sample : PB119807BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BSD

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:49:51 AM

Quant Time: May 27 00:37:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132066	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	502713	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	238682	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	483153	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348079	20.00	ng	-0.02
87) Perylene-d12	15.43	264	361570	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1052505	128.25	ng	0.00
7) Phenol-d6	6.45	99	1328449	136.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	798054	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	328403	133.09	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1469147	93.11	ng	-0.02
79) Terphenyl-d14	12.90	244	1567373	92.82	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	199554	44.239	ng	99
3) Pyridine	3.35	79	373551	30.057	ng	94
4) n-Nitrosodimethylamine	3.29	42	200414	33.440	ng	99
6) Aniline	6.47	93	394851	28.162	ng	# 58
8) 2-Chlorophenol	6.59	128	388426	44.336	ng	95
9) Benzaldehyde	6.35	77	185892	27.357	ng	96
10) Phenol	6.46	94	468313	41.015	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	370271	42.715	ng	99
12) 1,3-Dichlorobenzene	6.74	146	401992	40.876	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409967	41.370	ng	99
14) 1,2-Dichlorobenzene	6.97	146	382127	42.207	ng	99
15) Benzyl Alcohol	6.95	79	306383	40.472	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	658193	39.160	ng	56
17) 2-Methylphenol	7.07	107	298607	41.492	ng	# 91
18) Hexachloroethane	7.31	117	149738	40.255	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	261123	42.443	ng	99
20) 3+4-Methylphenols	7.22	107	395705	47.589	ng	# 67
22) Acetophenone	7.21	105	518719	46.577	ng	# 88
24) Nitrobenzene	7.39	77	399917	43.833	ng	95
25) Isophorone	7.62	82	729412	43.906	ng	99
26) 2-Nitrophenol	7.70	139	201107	45.433	ng	97
27) 2,4-Dimethylphenol	7.75	122	335913	48.318	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	464077	43.053	ng	98
29) 2,4-Dichlorophenol	7.96	162	315896	45.632	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	342672	43.531	ng	99
31) Naphthalene	8.10	128	1087477	46.310	ng	98
32) Benzoic acid	7.90	122	182818m	38.507	ng	
33) 4-Chloroaniline	8.16	127	274101	25.615	ng	97
34) Hexachlorobutadiene	8.22	225	191068	42.658	ng	98
35) Caprolactam	8.53	113	101822m	45.108	ng	
36) 4-Chloro-3-methylphenol	8.66	107	329434	47.277	ng	97
37) 2-Methylnaphthalene	8.80	142	736630	48.620	ng	97
38) 1-Methylnaphthalene	8.90	142	695591	48.753	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335676	46.427	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	150964	46.719	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	201294	40.476	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	208224	40.827	nq	97
46) 1,1'-Biphenyl	9.26	154	898151	46.579	nq	98
47) 2-Chloronaphthalene	9.29	162	673315	43.389	nq	99
48) 2-Nitroaniline	9.39	65	224596	40.810	nq	97
49) Acenaphthylene	9.70	152	1075418	45.564	nq	98
50) Dimethylphthalate	9.56	163	779196	44.471	nq	99
51) 2,6-Dinitrotoluene	9.63	165	173458	44.634	nq	99
52) Acenaphthene	9.87	154	632801	43.692	nq	100
53) 3-Nitroaniline	9.80	138	132387	27.442	nq	93
54) 2,4-Dinitrophenol	9.92	184	140382	72.526	nq	96
55) Dibenzofuran	10.05	168	922717	43.447	nq	99
56) 4-Nitrophenol	9.99	139	171698	50.327	nq	97
57) 2,4-Dinitrotoluene	10.04	165	213184	40.416	nq	# 76
58) Fluorene	10.39	166	759226	46.282	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	176405	40.086	nq	97
60) Diethylphthalate	10.26	149	790283	44.391	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	365127	45.318	nq	99
62) 4-Nitroaniline	10.42	138	185419	36.577	nq	97
63) Azobenzene	10.54	77	751610	43.616	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	101245	43.610	nq	80
66) n-Nitrosodiphenylamine	10.50	169	670355	45.715	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	229335	43.110	nq	98
68) Hexachlorobenzene	10.95	284	243801	41.427	nq	92
69) Atrazine	11.02	200	196123	42.978	nq	98
70) Pentachlorophenol	11.15	266	160202	57.425	nq	98
71) Phenanthrene	11.35	178	1072255	45.616	nq	98
72) Anthracene	11.40	178	1114144	47.190	nq	98
73) Carbazole	11.56	167	1032649	45.867	nq	98
74) Di-n-butylphthalate	11.88	149	1251177	48.237	nq	99
75) Fluoranthene	12.54	202	1163482	45.964	nq	99
77) Benzidine	12.66	184	584397	37.402	nq	98
78) Pyrene	12.77	202	1172430	41.871	nq	99
80) Butylbenzylphthalate	13.37	149	550206	46.683	nq	99
81) Benzo(a)anthracene	13.96	228	990366	43.990	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	284919	32.623	nq	98
83) Chrysene	14.00	228	984863	44.625	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	770329	49.974	nq	100
85) Di-n-octyl phthalate	14.54	149	1297730	51.934	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	946187	48.511	nq	99
88) Benzo(b)fluoranthene	15.00	252	968280	41.801	nq	99
89) Benzo(k)fluoranthene	15.03	252	1000511	47.019	nq	99
90) Benzo(a)pyrene	15.37	252	950323	46.615	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	790224	46.648	nq	99
92) Benzo(g,h,i)perylene	17.33	276	798314	47.024	nq	99

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

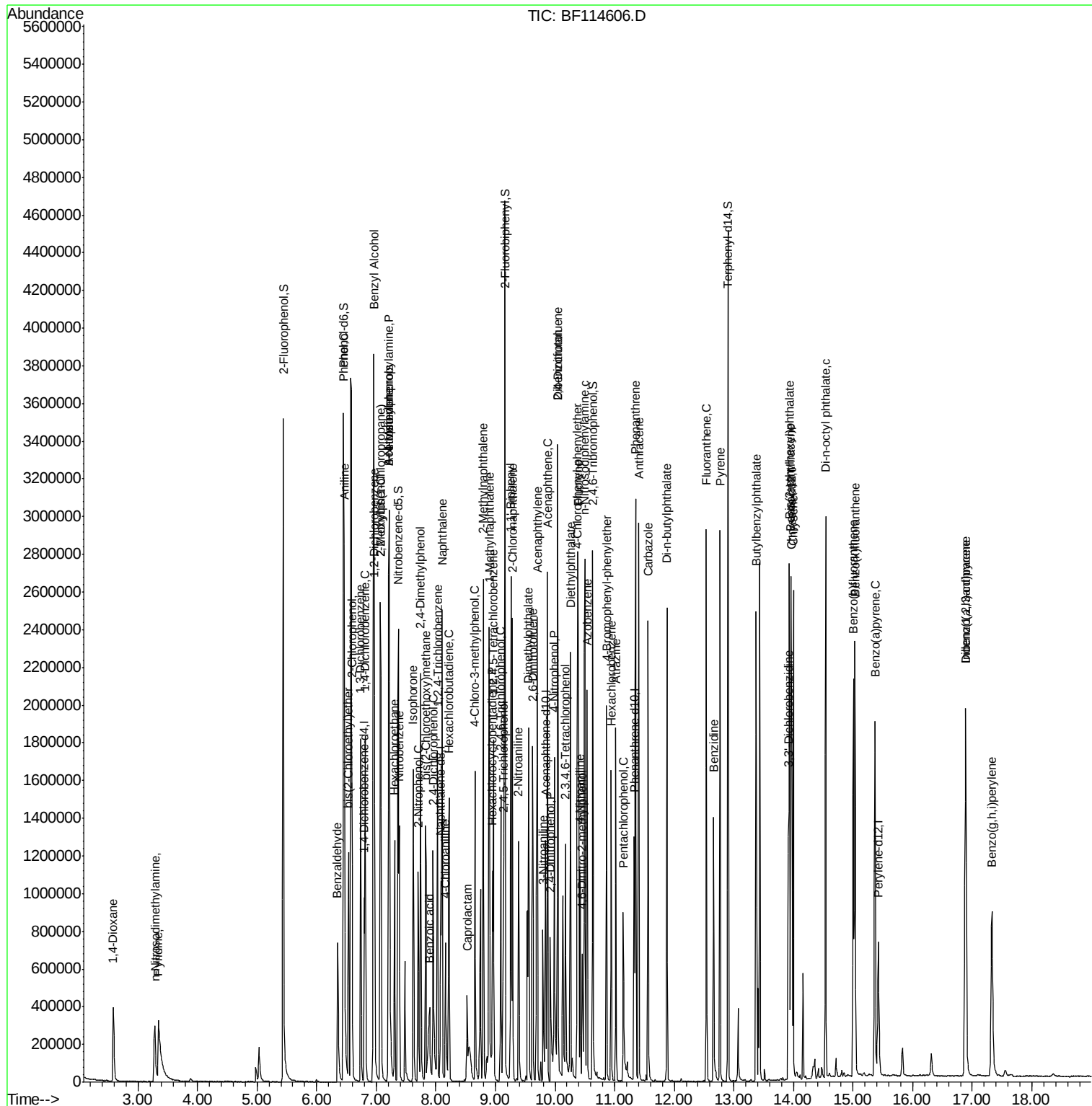
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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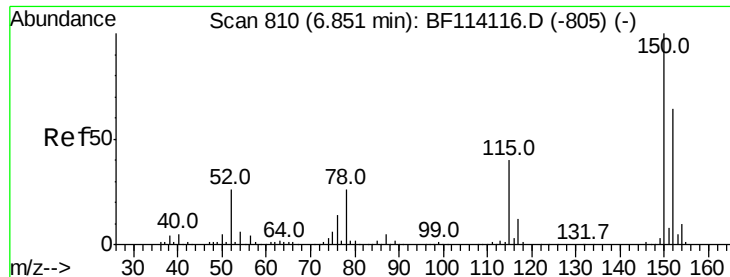
Instrument :
BNA_F
ClientSampleId :
PB119807BSD

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#1

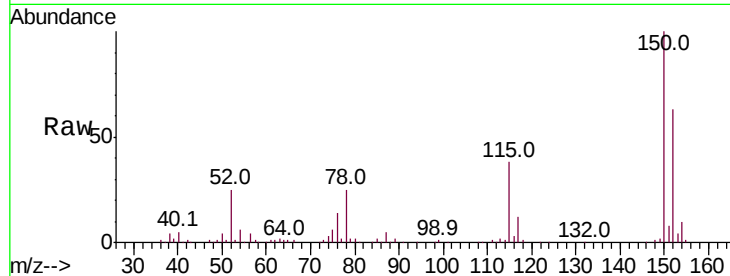
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.3	186.5
115	60.5	49.1	73.7

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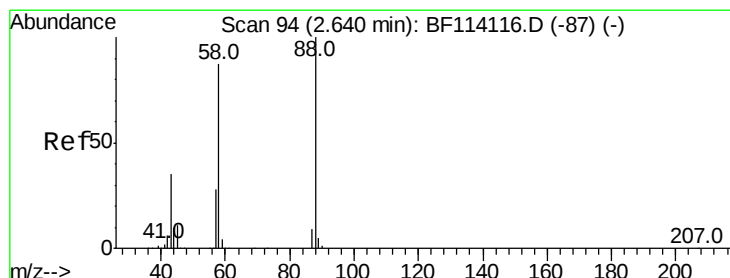
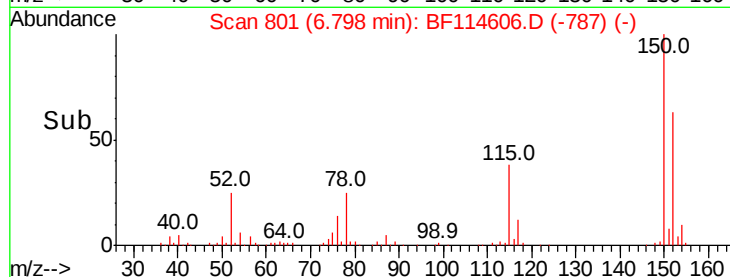
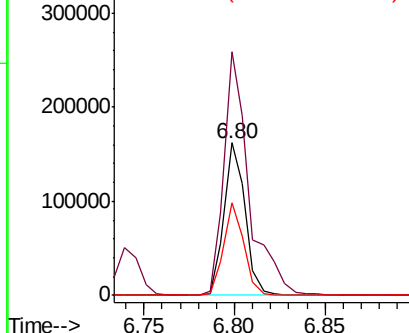


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

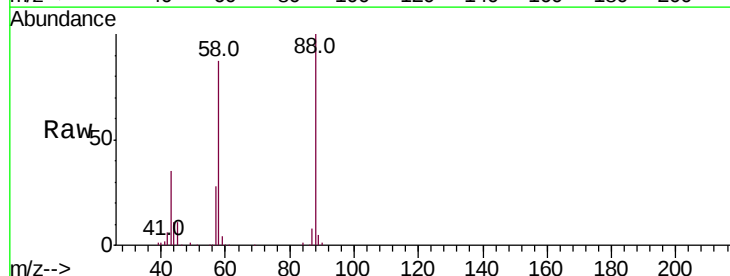
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.239 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.7	103.1
43	33.9	28.2	42.2

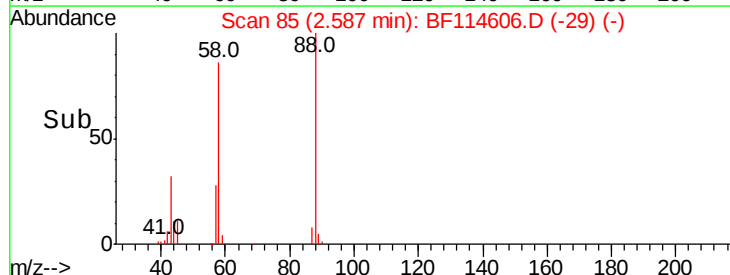
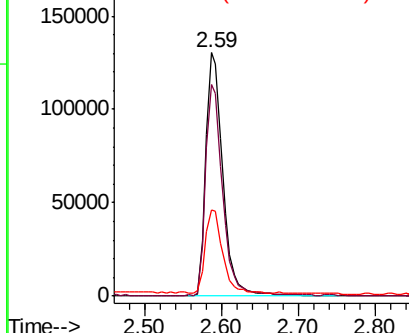


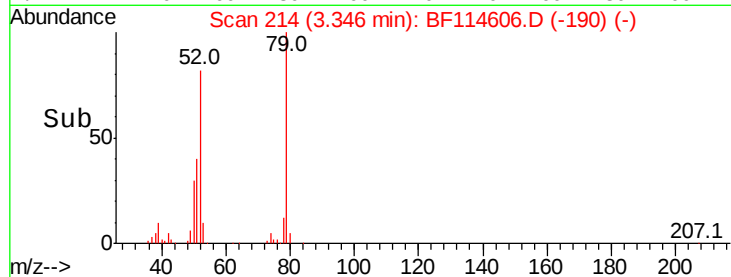
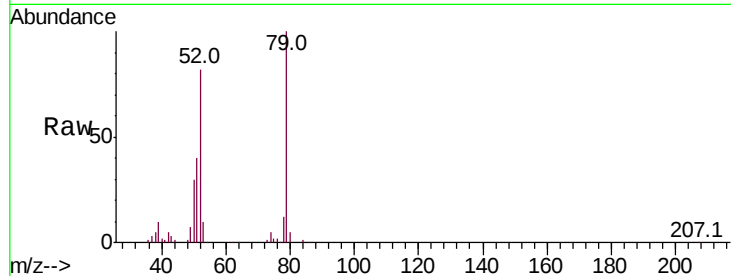
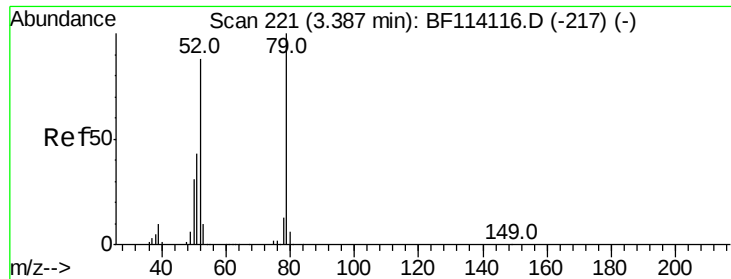
Abundance

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





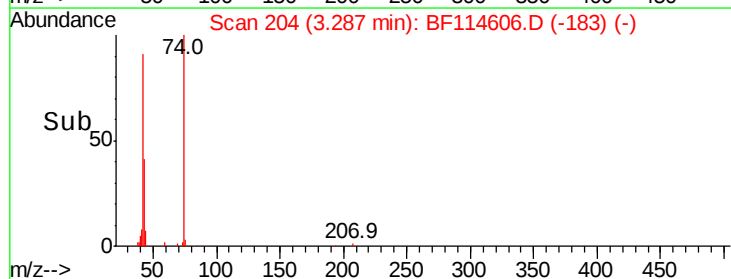
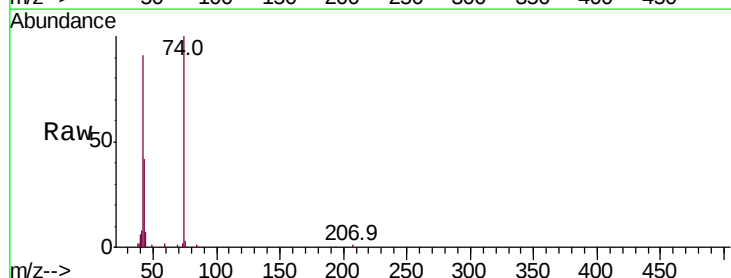
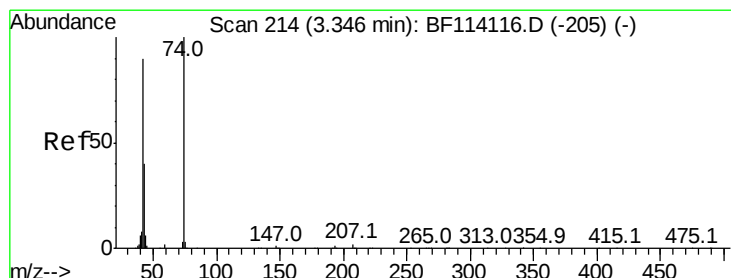
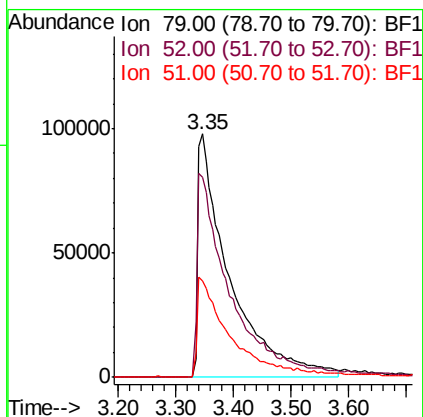
#3
Pvridine
Concen: 30.057 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.04 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.1	70.6	105.8
51	39.6	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

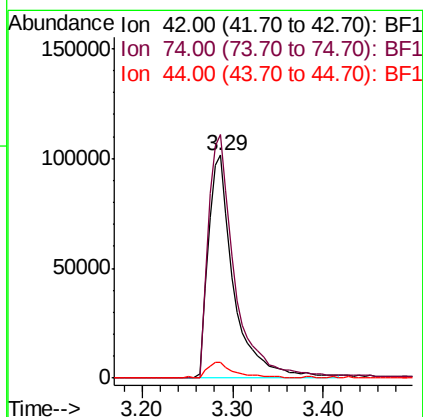
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#4
n-Nitrosodimethylamine
Concen: 33.440 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.3	88.6	132.8
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 128.251 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampled :

PB119807BSD

Tot Ion:112 Resp: 1052505

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

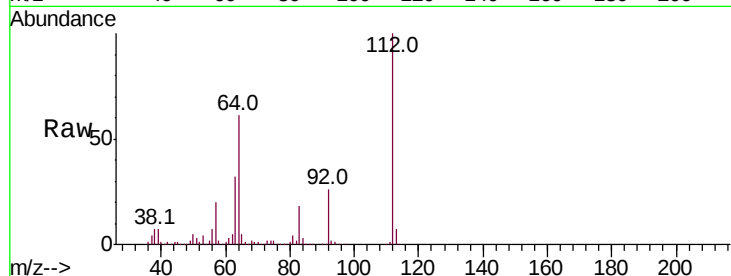
63 32.3 24.6 37.0

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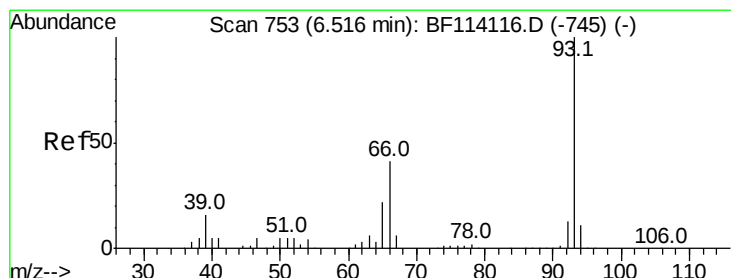
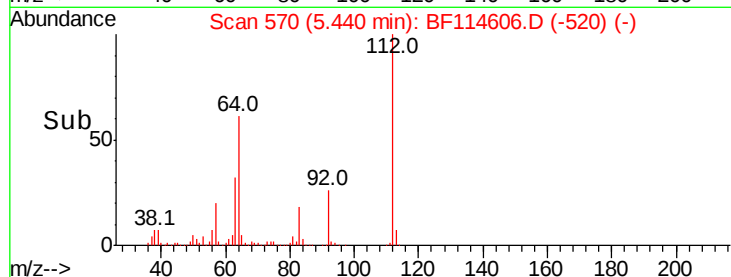
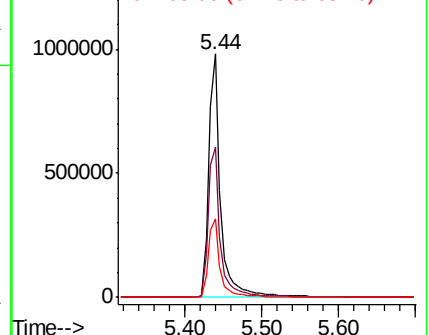
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.162 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

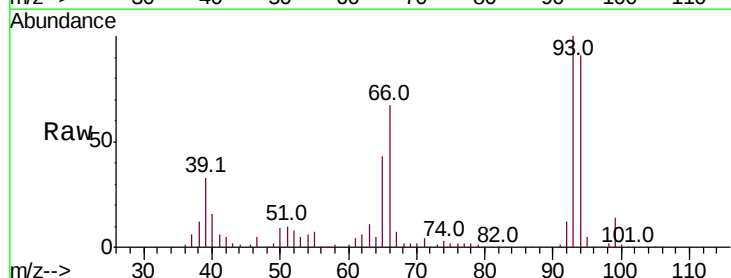
Tgt Ion: 93 Resp: 394851

Ion Ratio Lower Upper

93 100

66 67.1 33.2 49.8#

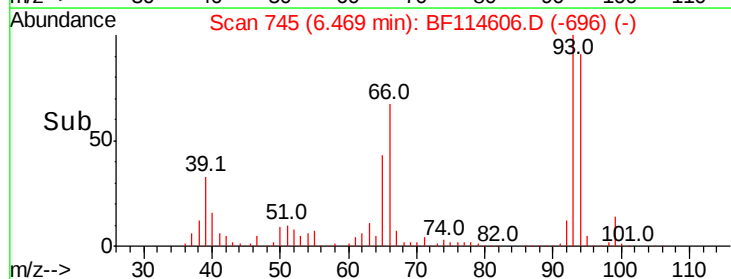
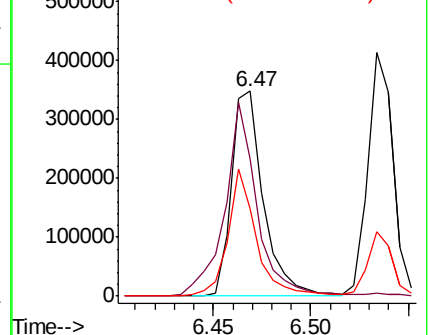
65 42.5 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.866 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

PB119807BSD

Tot Ion: 99 Resp: 1328449

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

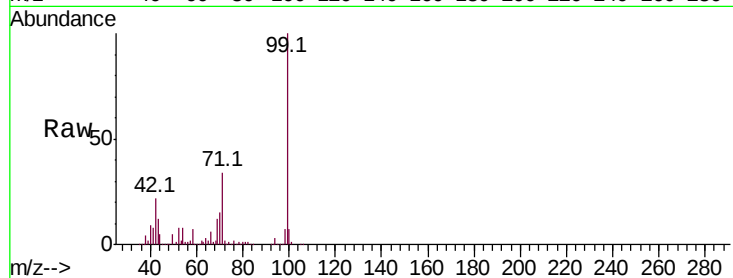
71 33.9 26.2 39.2

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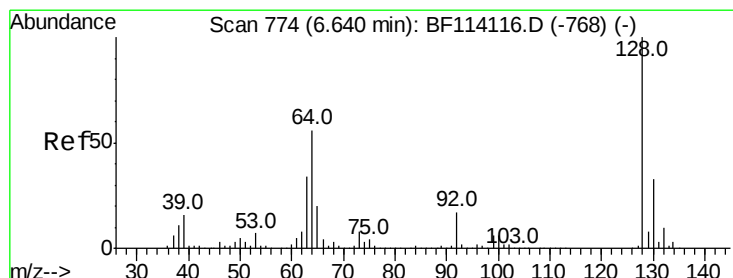
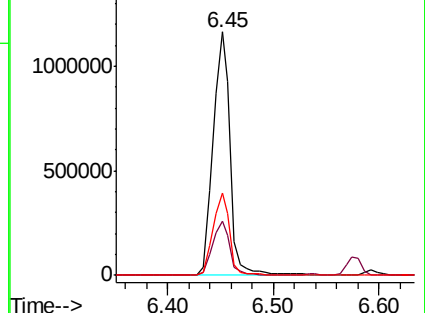
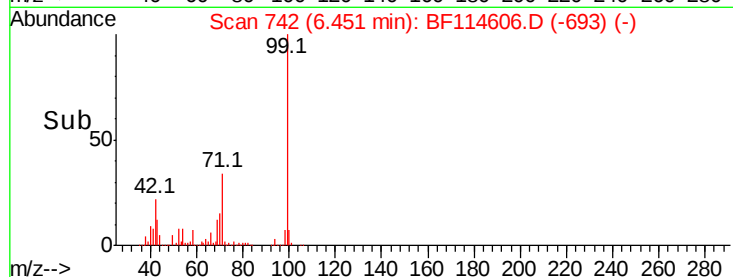
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.336 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

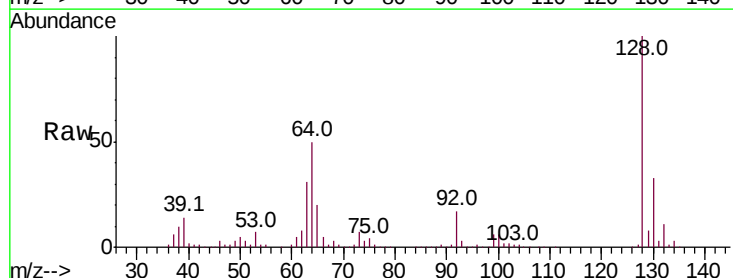
Tgt Ion: 128 Resp: 388426

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

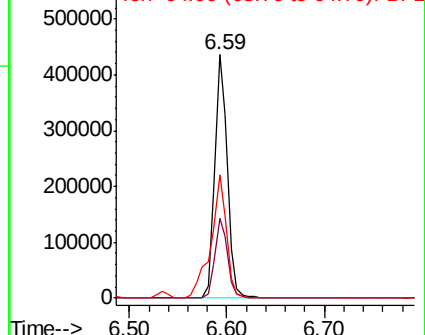
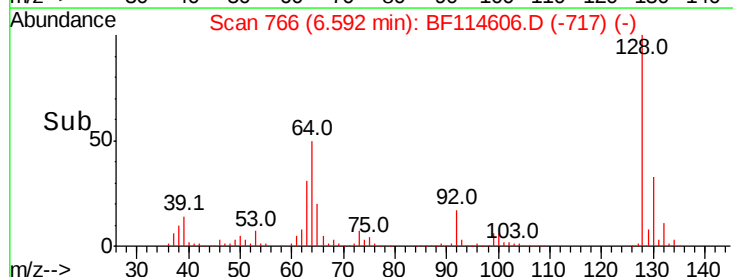
64 50.5 35.9 75.9

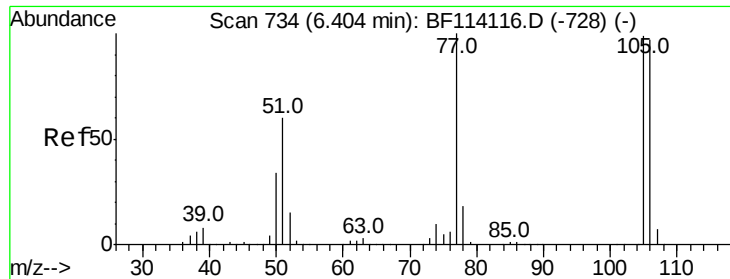


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.357 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

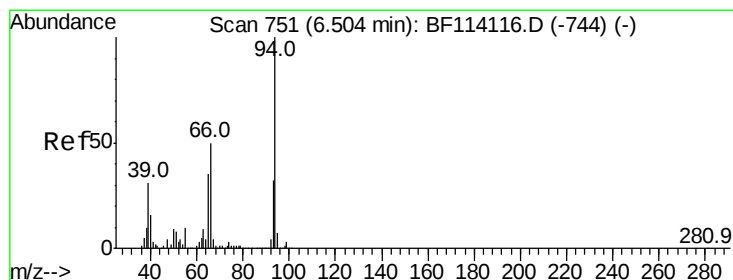
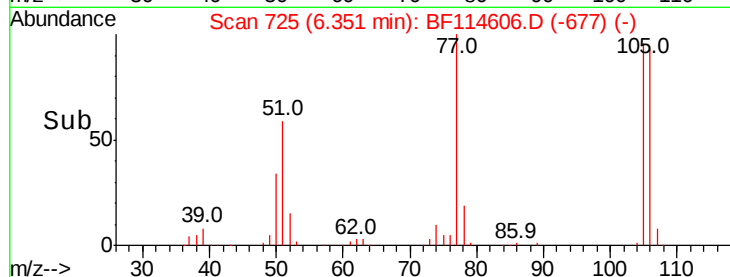
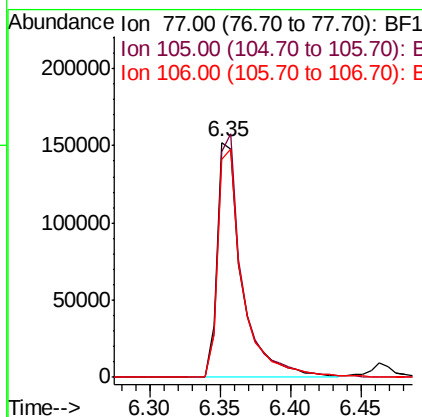
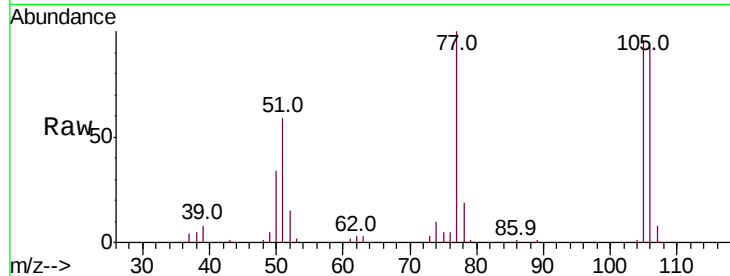
ClientSampleId :

PB119807BSD

Tot Ion	77	Resp	185892
Ion	Ratio	Lower	Upper
77	100		
105	96.3	79.3	119.3
106	92.8	77.0	117.0

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#10

Phenol

Concen: 41.015 ng

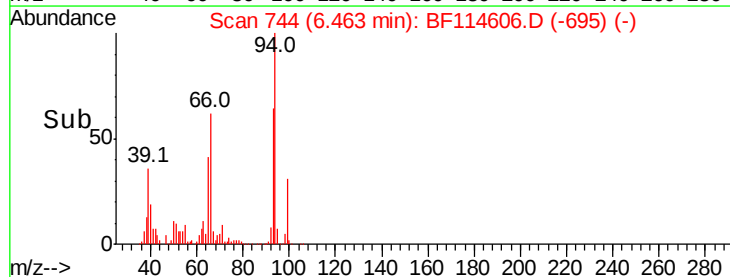
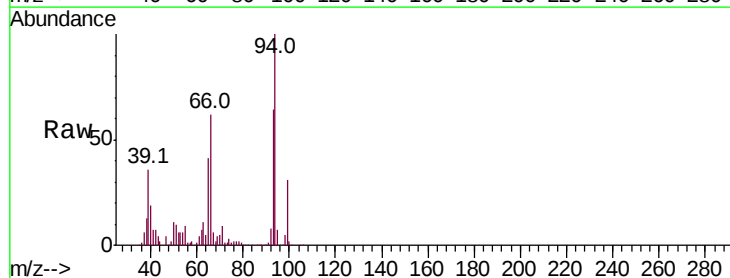
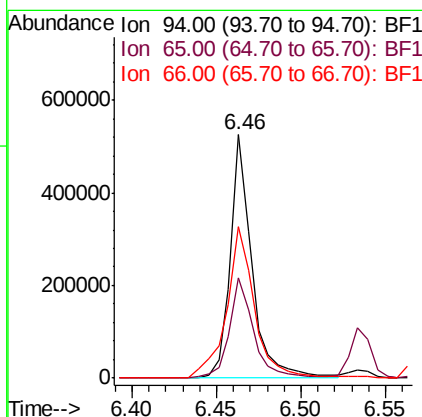
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion	94	Resp	468313
Ion	Ratio	Lower	Upper
94	100		
65	41.2	14.7	54.7
66	62.5	29.6	69.6





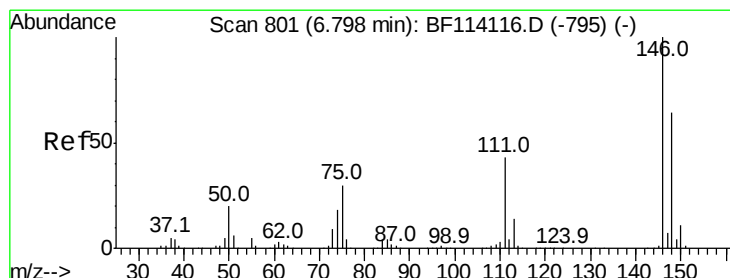
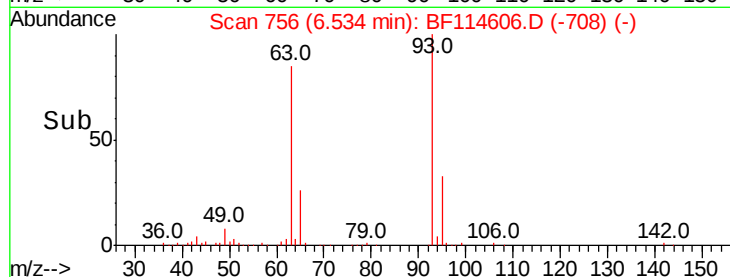
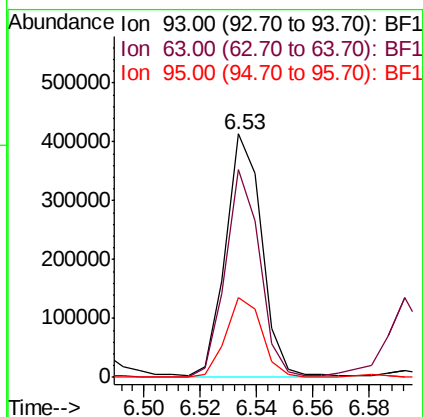
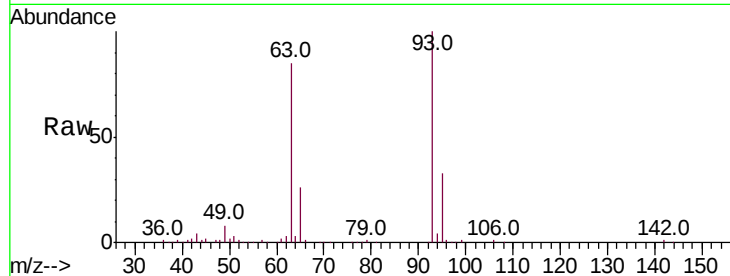
#11
bis(2-Chloroethyl)ether
Concen: 42.715 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampled :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	63.6	103.6
95	32.8	13.1	53.1

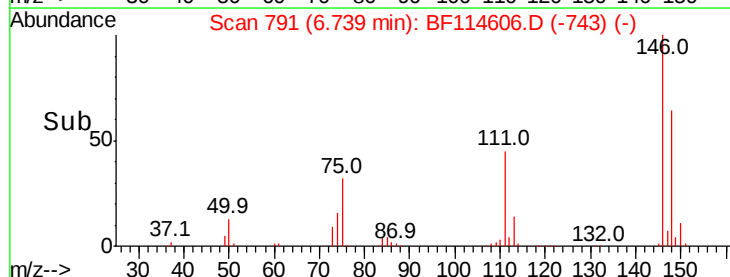
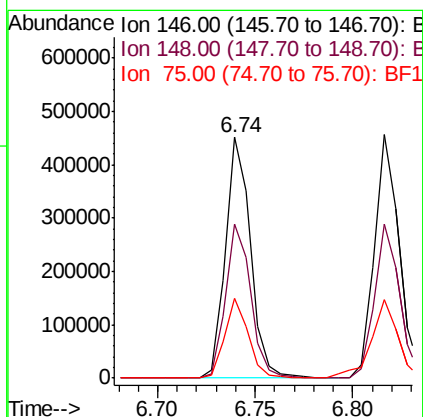
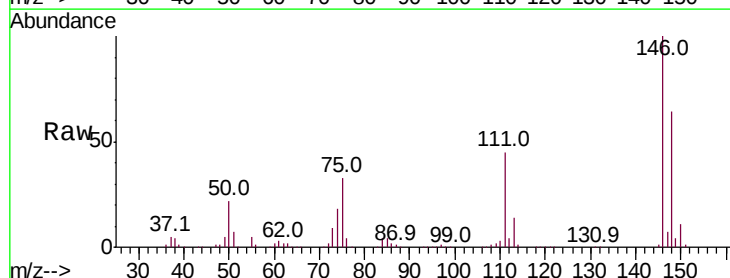
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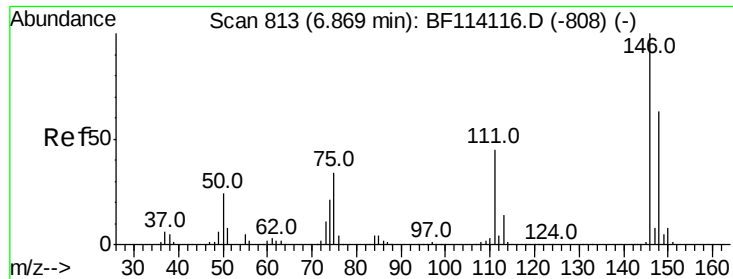
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.876 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	33.1	24.2	36.2





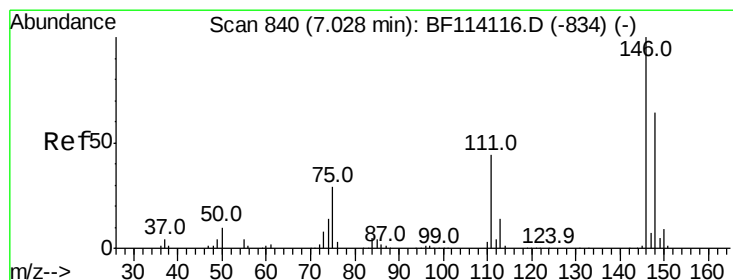
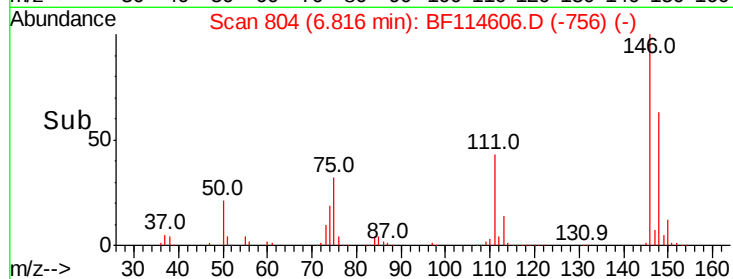
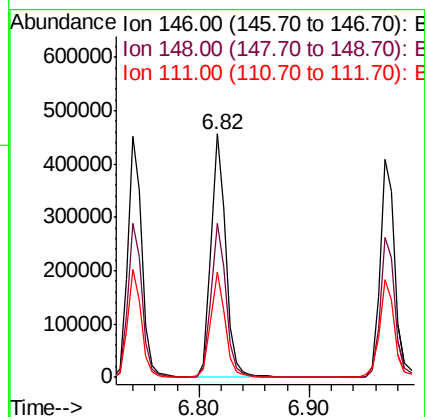
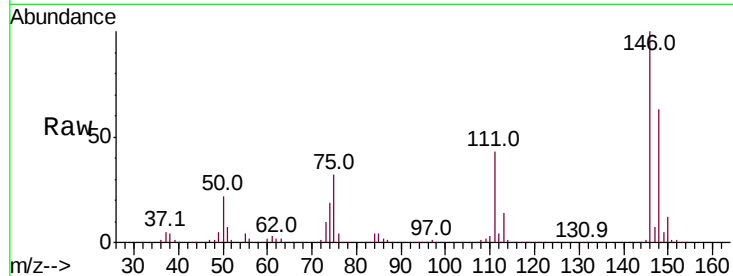
#13
 1,4-Dichlorobenzene
 Concen: 41.370 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleID :
 PB119807BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
111	43.1	35.8	53.6

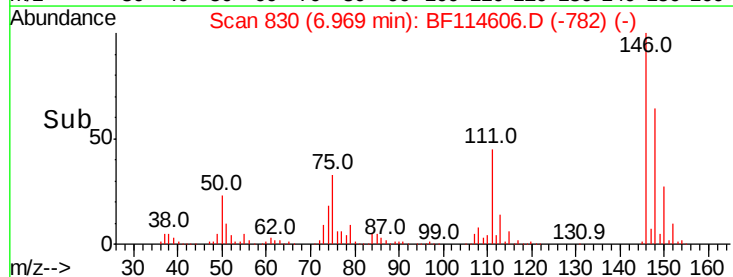
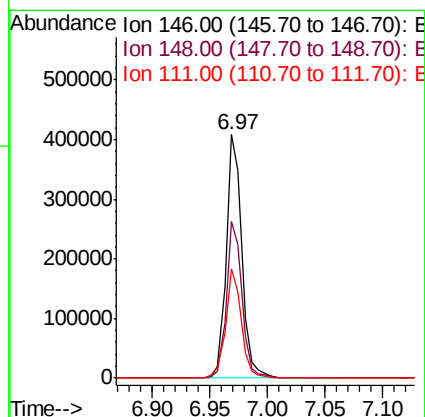
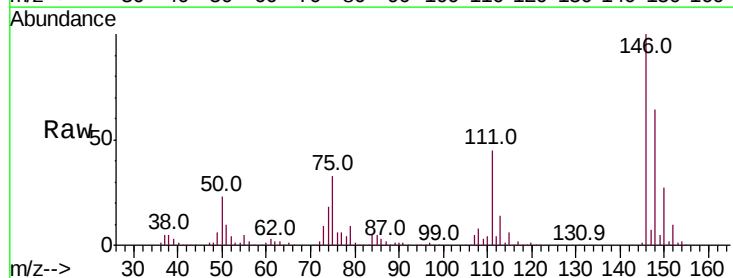
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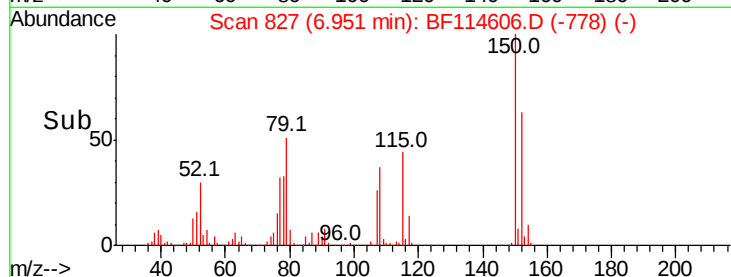
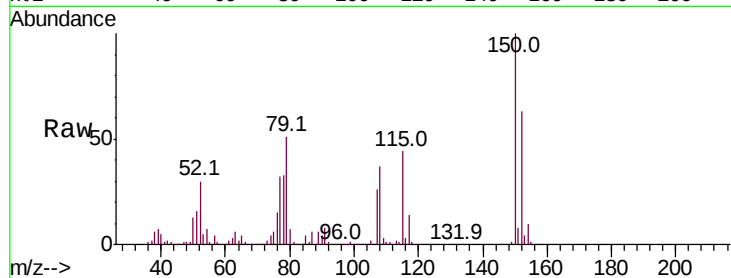
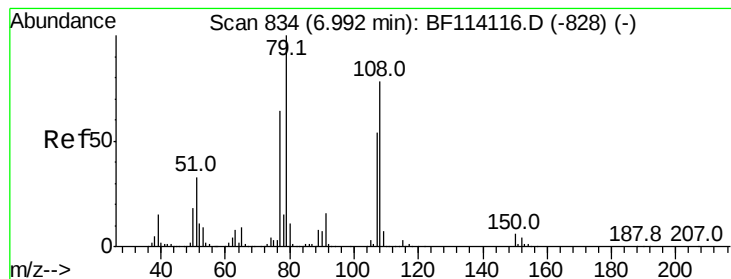
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#14
 1,2-Dichlorobenzene
 Concen: 42.207 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	45.1	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.472 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tot Ion:	79	Resp:	306383
Ion Ratio	Lower	Upper	
79	100		
108	74.1	62.1	93.1
77	63.2	51.0	76.6

Instrument :

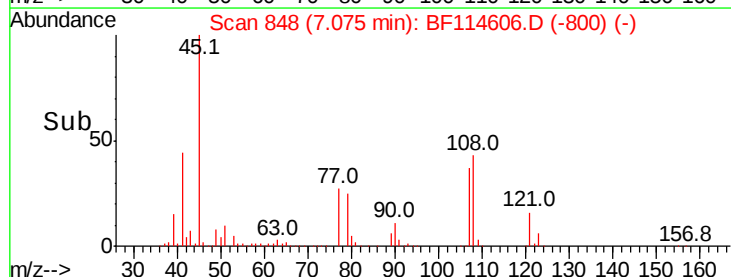
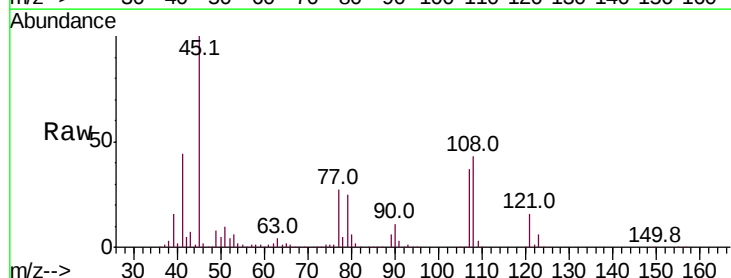
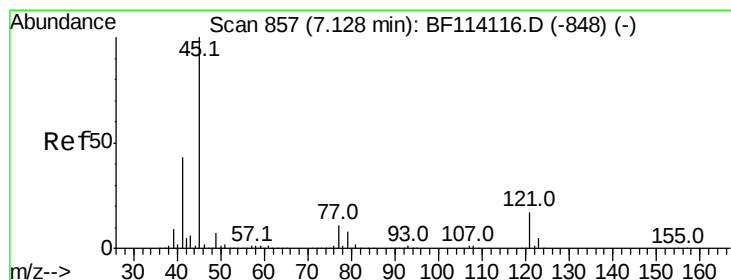
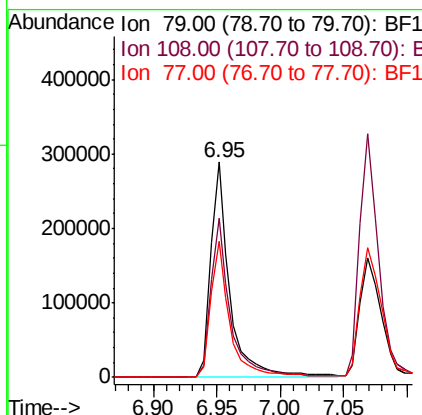
BNA_F

ClientSampleId :

PB119807BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.160 ng

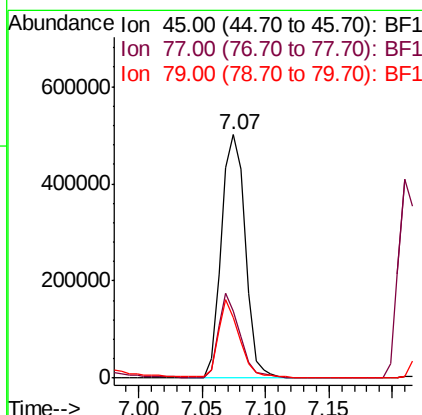
RT: 7.07 min Scan# 848

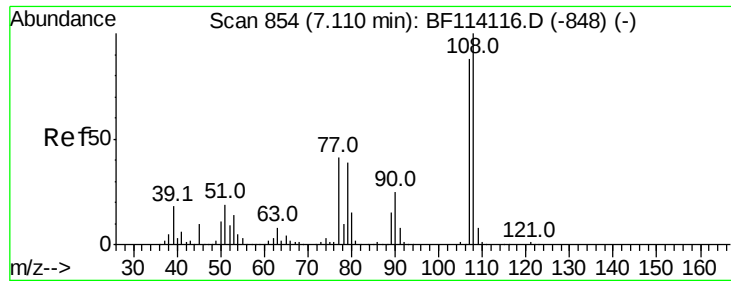
Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	45	Resp:	658193
Ion Ratio	Lower	Upper	
45	100		
77	27.3	0.0	31.1
79	24.9	0.0	28.4





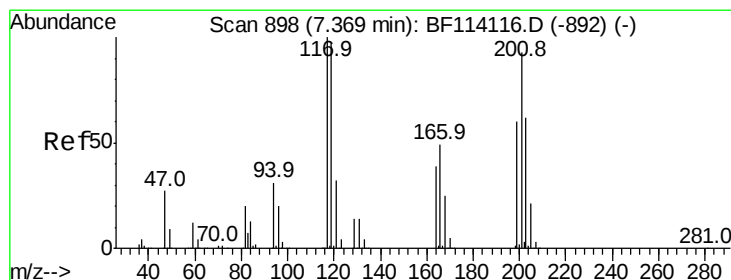
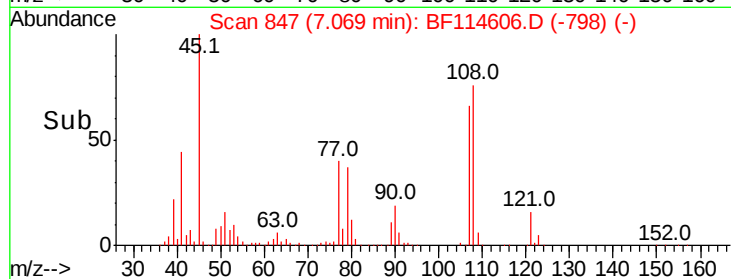
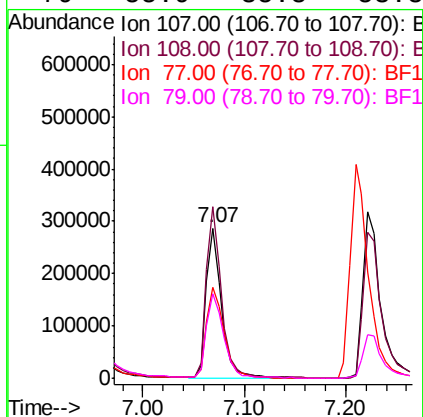
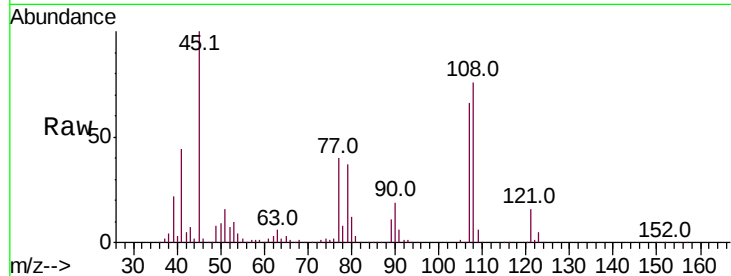
#17
2-Methylphenol
Concen: 41.492 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.5	135.7	
77	60.7	37.0	55.4	
79	55.9	35.8	53.8	

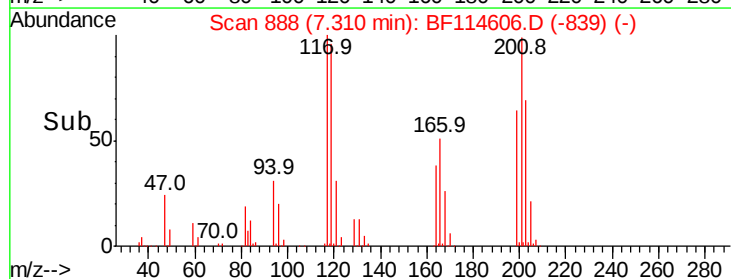
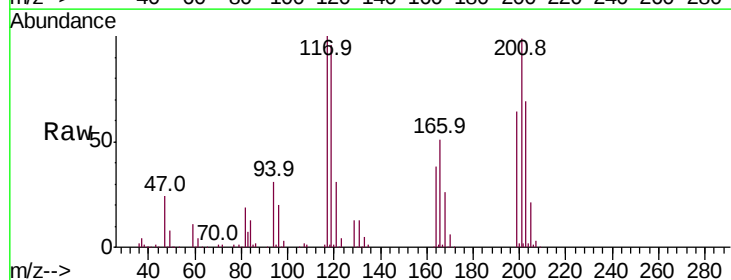
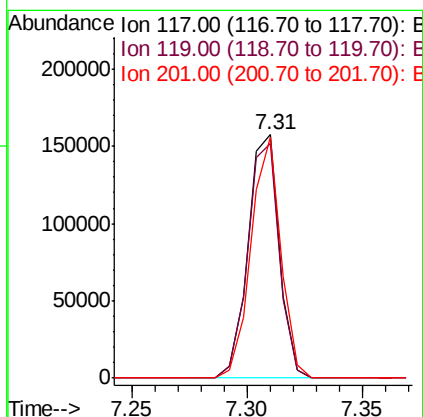
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#18
Hexachloroethane
Concen: 40.255 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.2	
201	99.1	74.5	111.7	





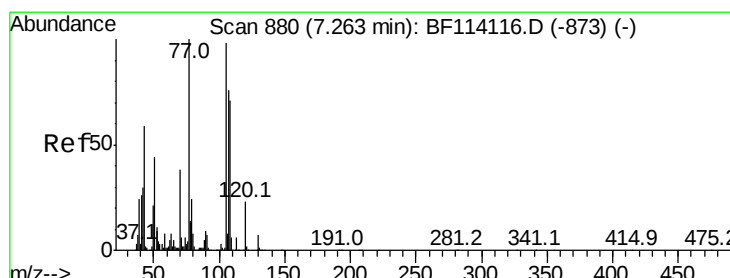
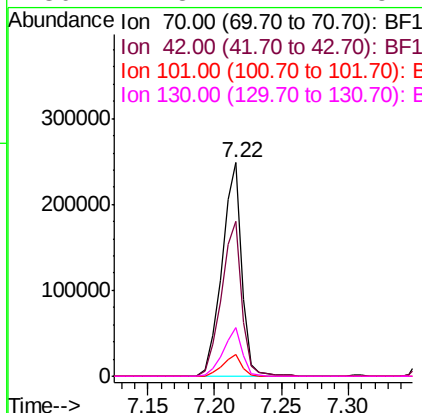
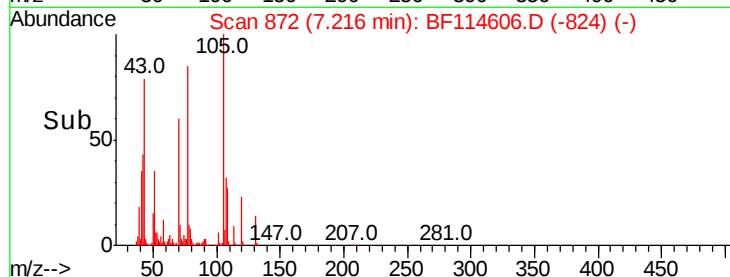
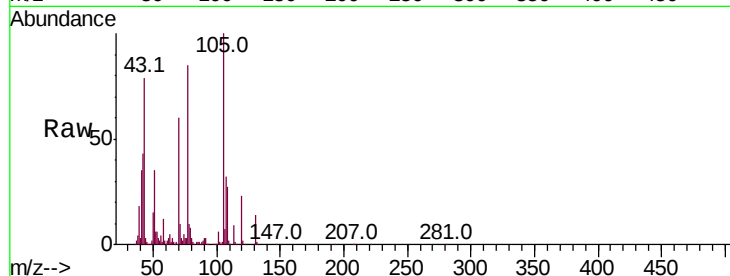
#19
n-Nitroso-di-n-propylamine
Concen: 42.443 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.7	58.6	87.8
101	10.0	7.8	11.8
130	22.8	17.1	25.7

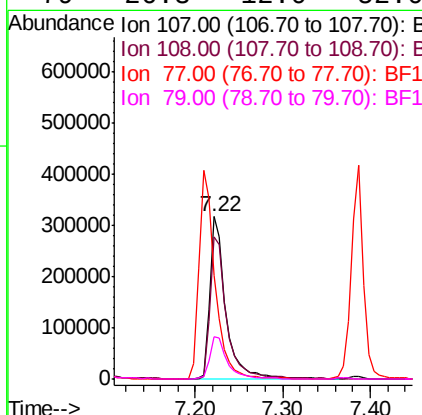
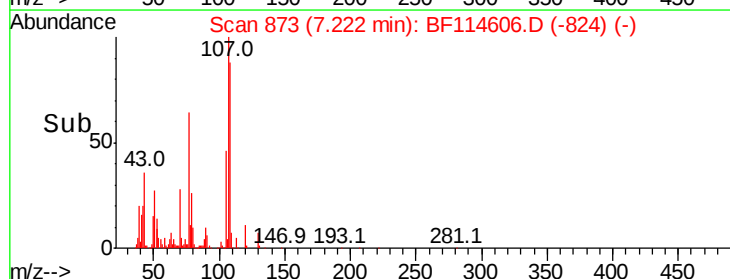
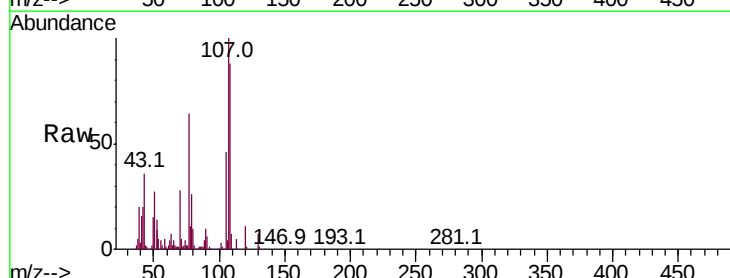
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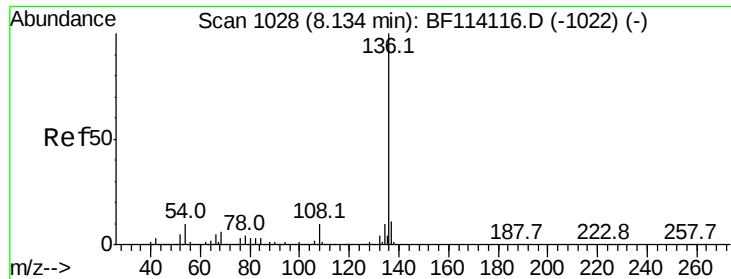
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#20
3+4-Methylphenols
Concen: 47.589 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.8	113.8
77	63.7	111.5	151.5#
79	26.3	12.0	52.0





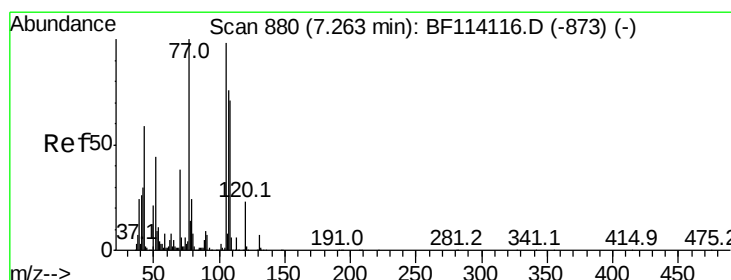
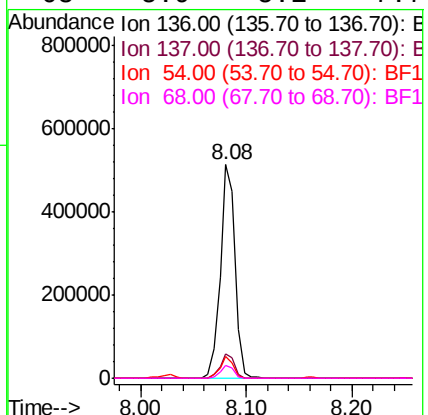
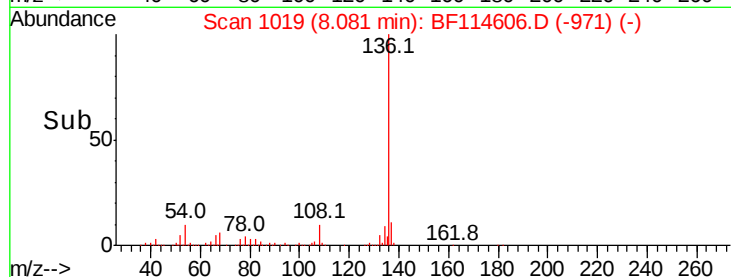
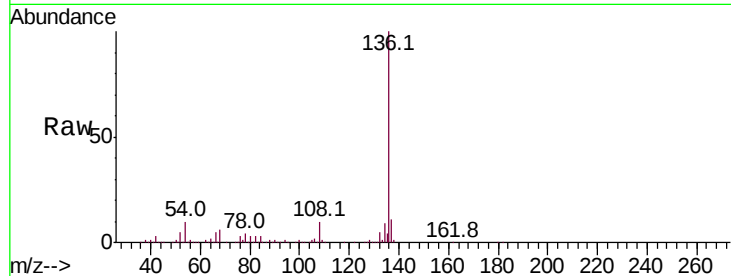
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	10.2	7.8	11.8	
68	5.9	5.1	7.7	

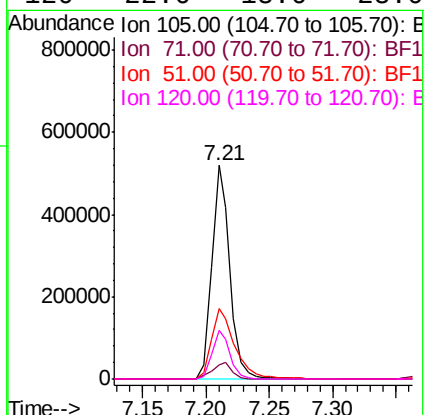
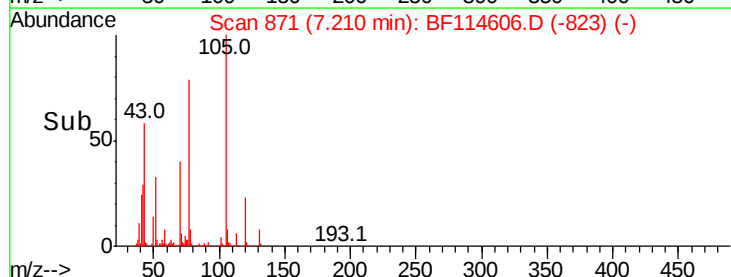
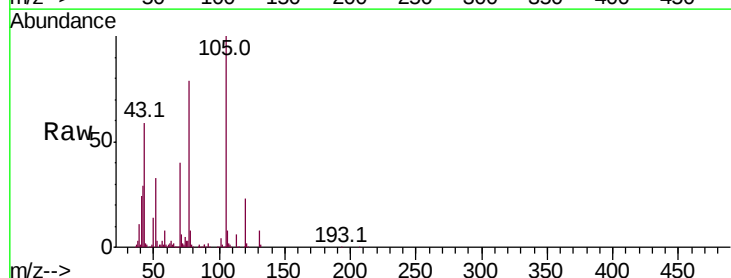
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#22
Acetophenone
Concen: 46.577 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	5.3	7.9	
51	33.0	36.2	54.4	
120	22.6	18.6	28.0	





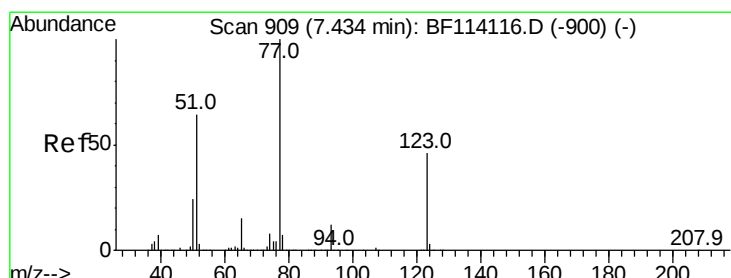
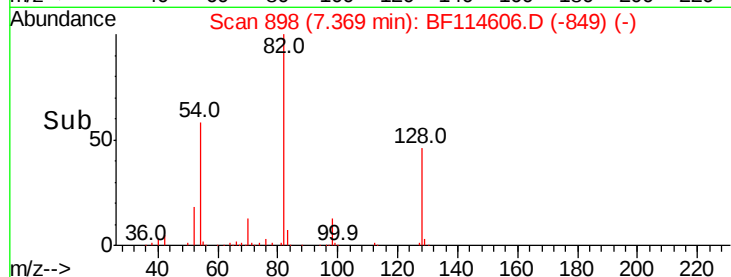
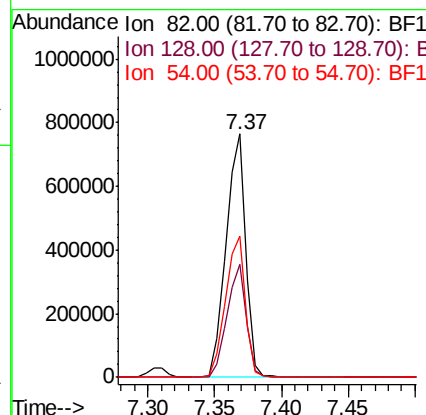
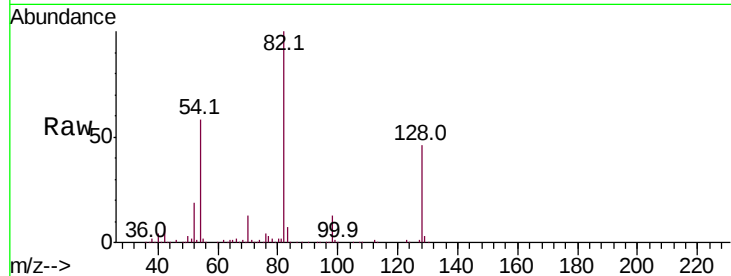
#23
Nitrobenzene-d5
Concen: 89.090 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampled :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	798054		
128	46.5	35.5	53.3	
54	58.1	48.5	72.7	

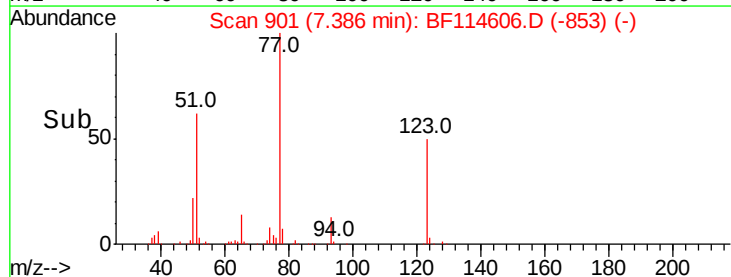
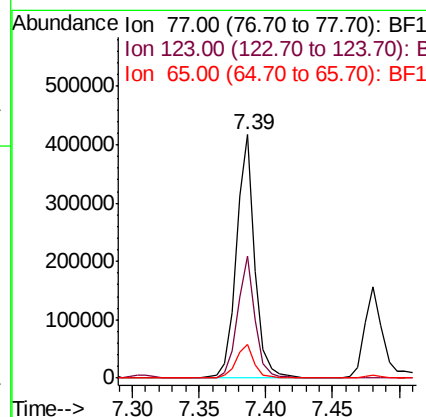
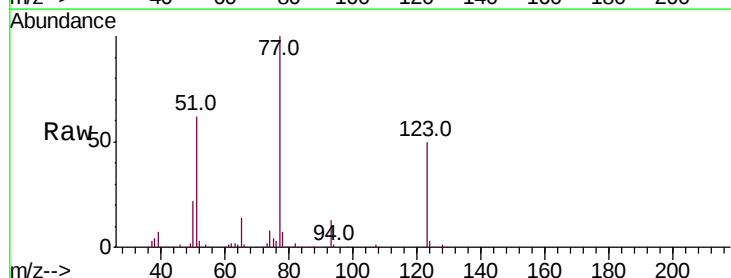
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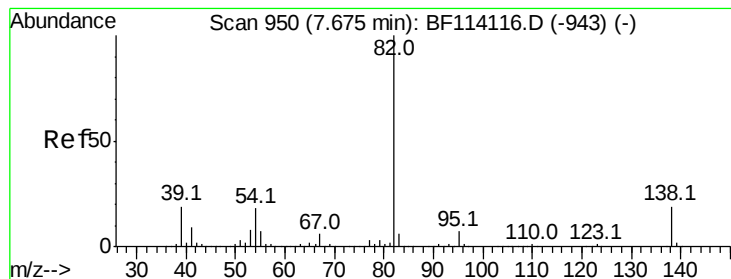
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#24
Nitrobenzene
Concen: 43.833 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	399917		
123	49.9	36.9	55.3	
65	13.9	11.8	17.6	





#25

Isophorone

Concen: 43.906 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

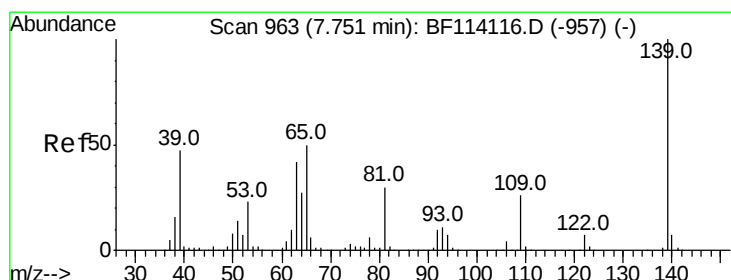
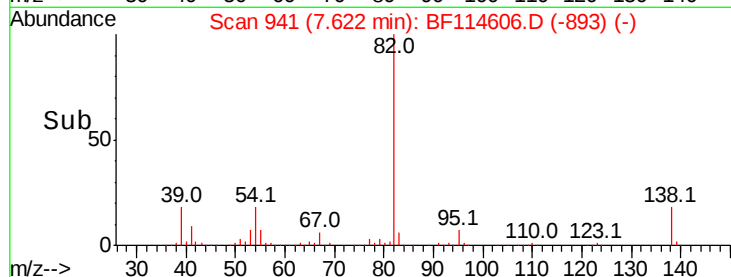
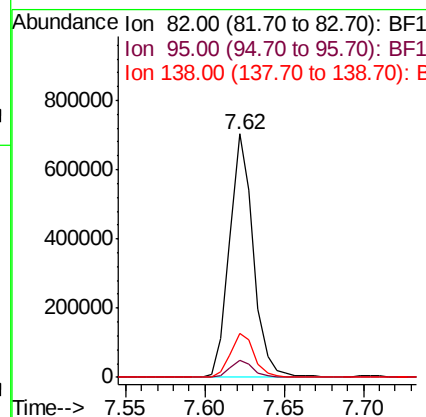
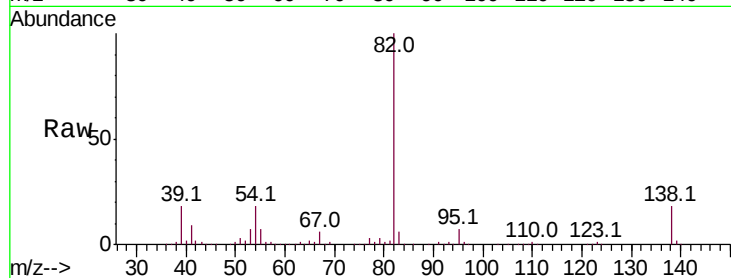
ClientSampleId :

PB119807BSD

Tot Ion:	82	Resp:	729412
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.9	14.8	22.2

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#26

2-Nitrophenol

Concen: 45.433 ng

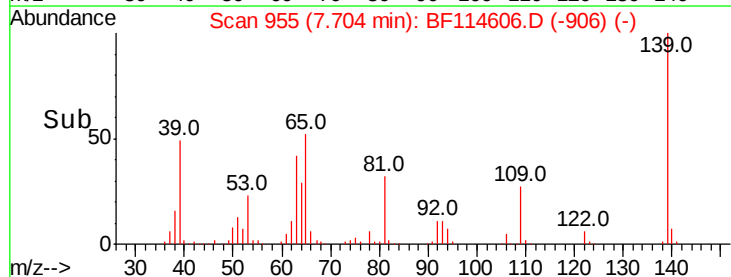
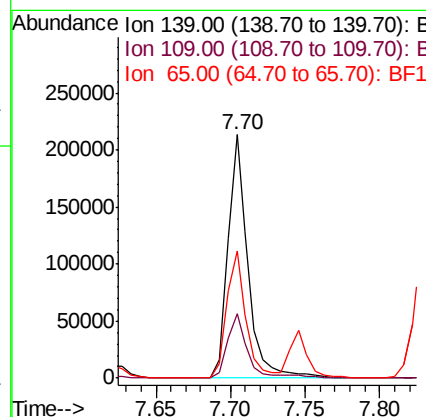
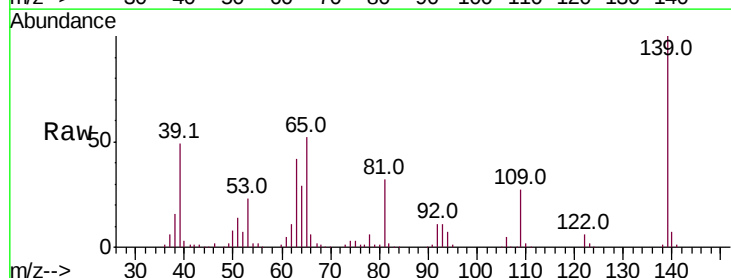
RT: 7.70 min Scan# 955

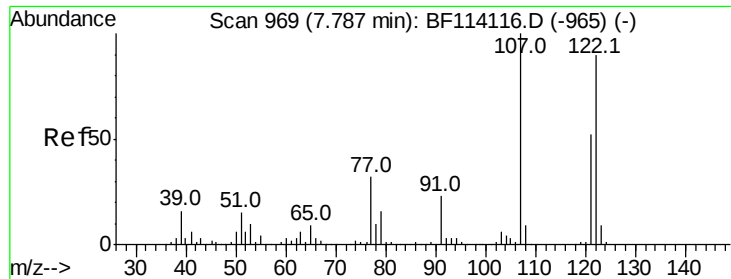
Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	139	Resp:	201107
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.7	31.1
65	52.4	40.2	60.2





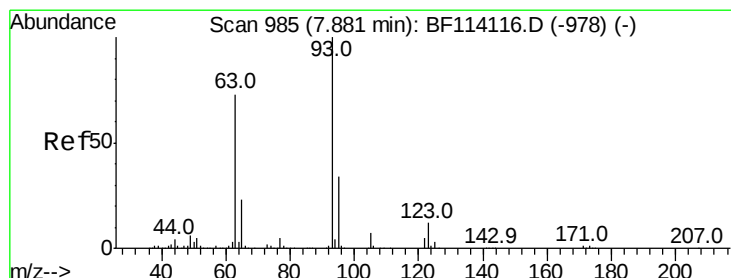
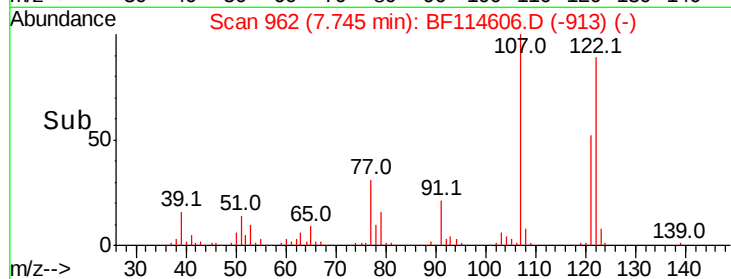
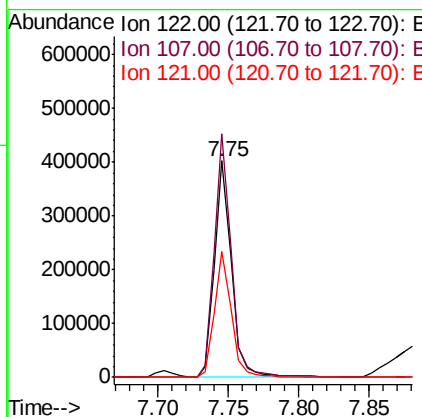
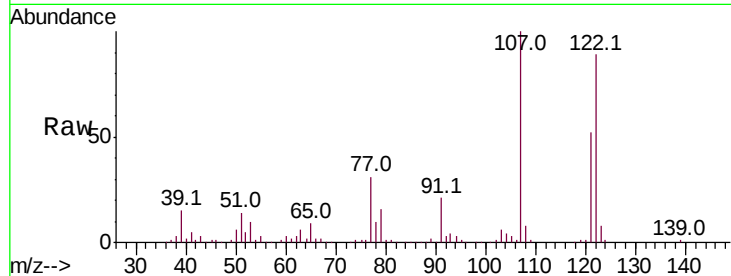
#27
 2,4-Dimethylphenol
 Concen: 48.318 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	335913		
107	112.7	88.4	132.6	
121	58.3	45.9	68.9	

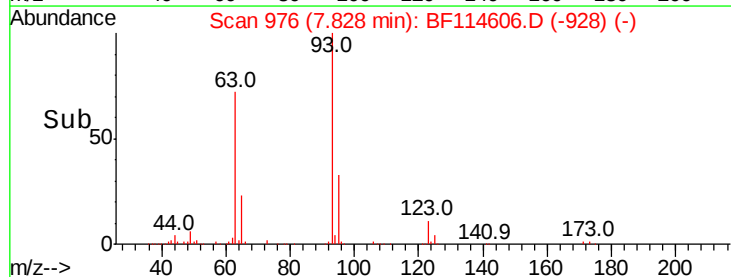
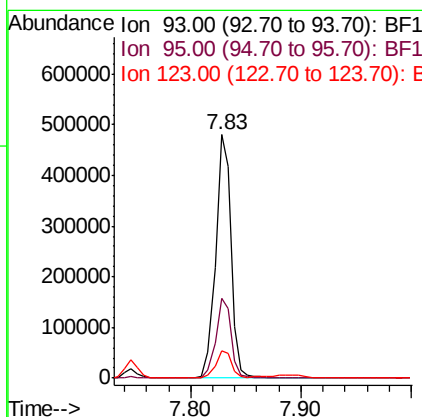
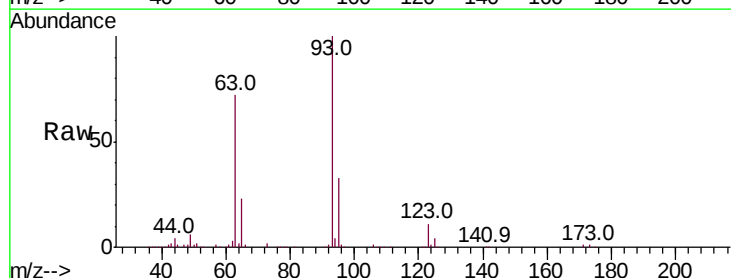
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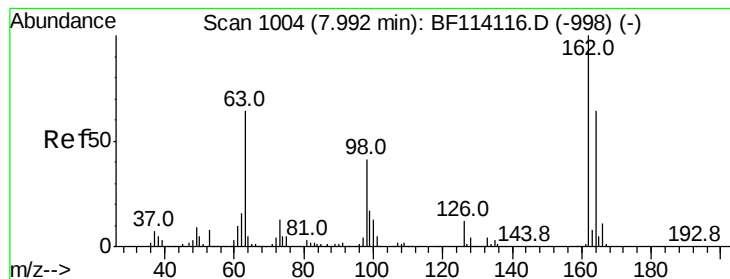
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.053 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	464077		
95	32.7	26.8	40.2	
123	11.1	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 45.632 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

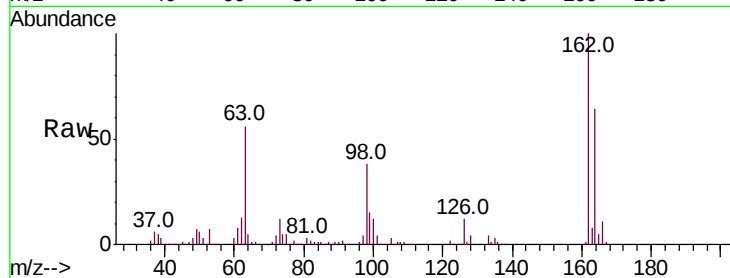
ClientSampleId :

PB119807BSD

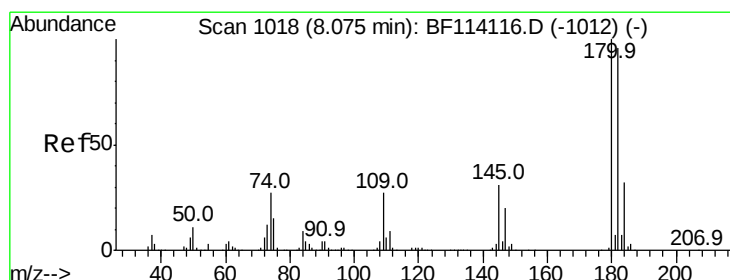
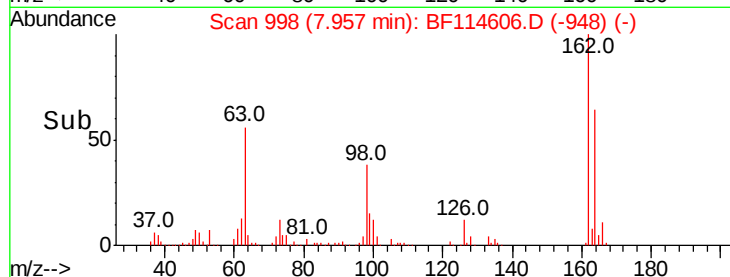
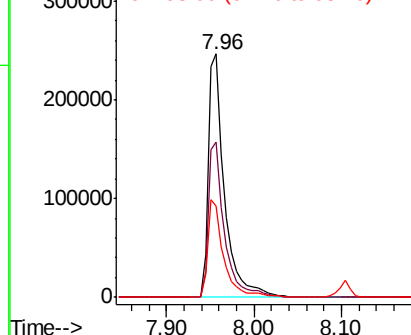
Tot Ion:	162	Resp:	315896
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.6	83.6
98	37.5	20.6	60.6

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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: 43.531 ng

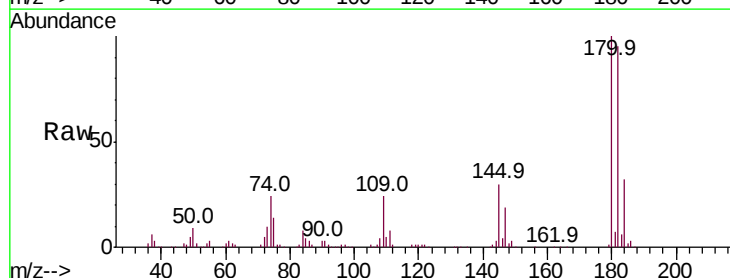
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

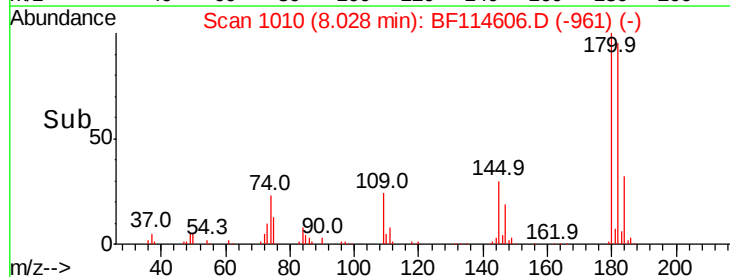
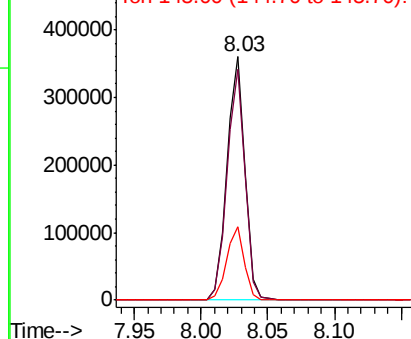
Lab File: BF114606.D

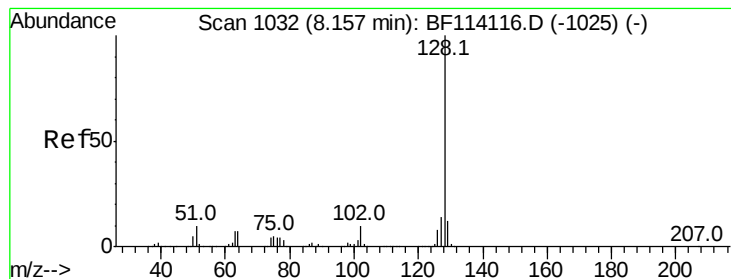
Acq: 25 May 2019 16:19

Tgt Ion:	180	Resp:	342672
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.6	114.8
145	29.9	25.1	37.7



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: 46.310 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

PB119807BSD

Tot Ion:128 Resp: 1087477

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

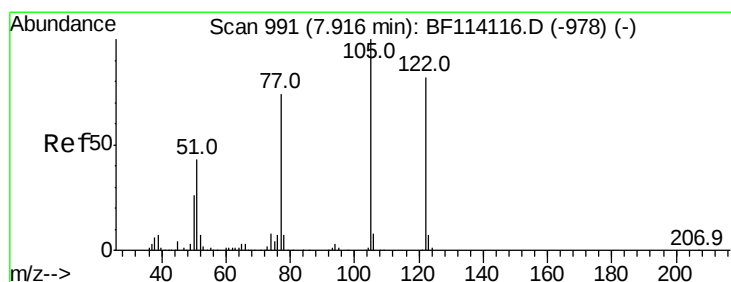
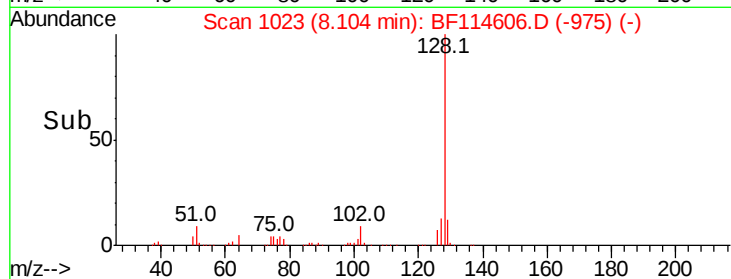
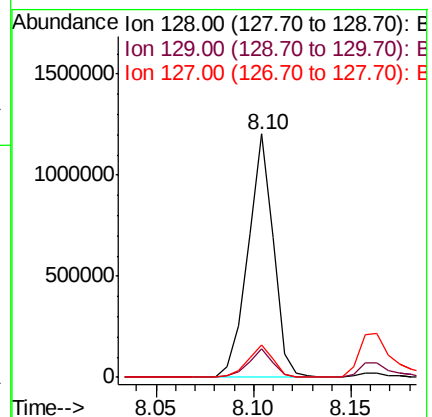
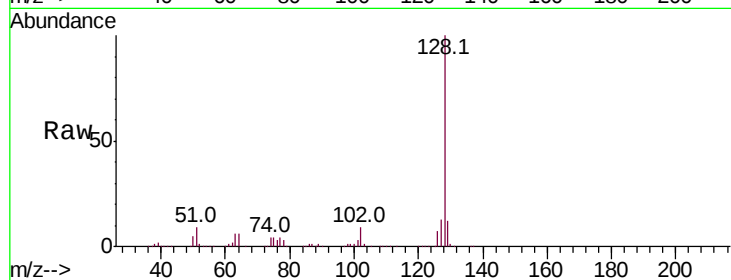
127 13.3 11.3 16.9

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#32

Benzoic acid

Concen: 38.507 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

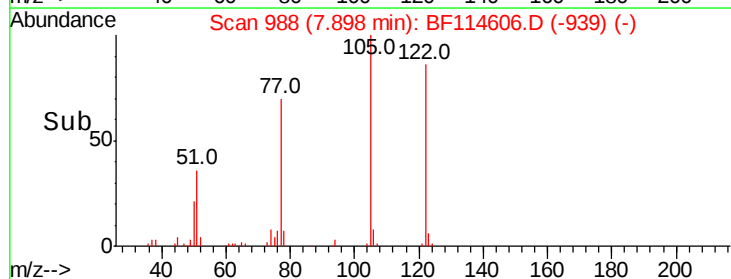
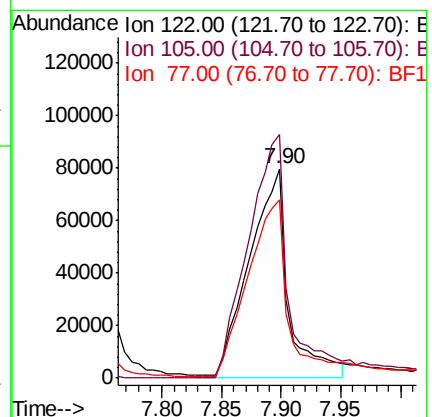
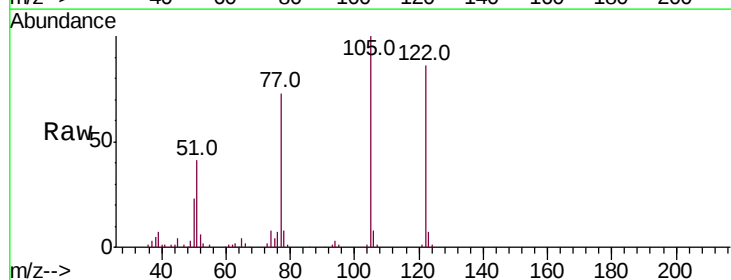
Tgt Ion:122 Resp: 182818

Ion Ratio Lower Upper

122 100

105 116.2 99.9 139.9

77 85.4 69.4 109.4





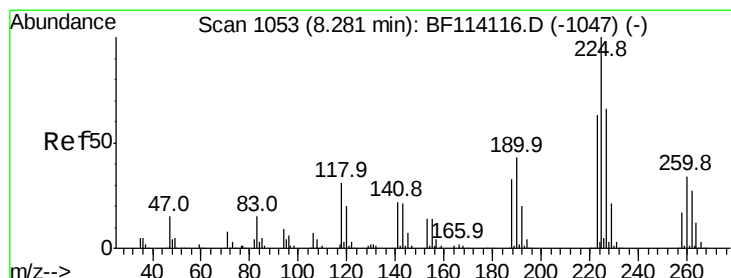
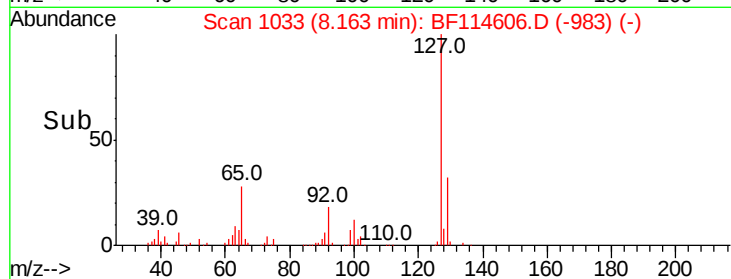
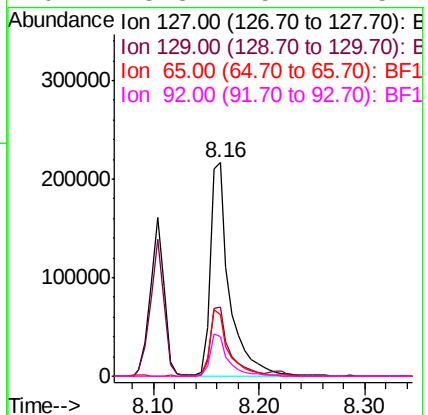
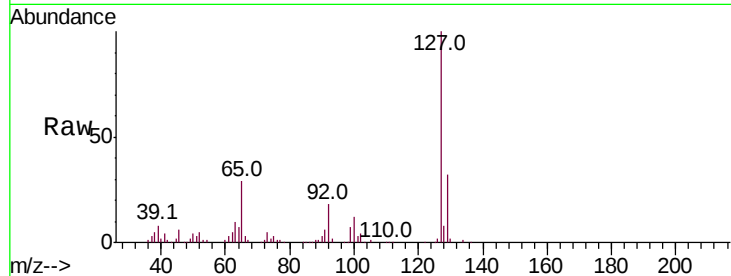
#33
4-Chloroaniline
Concen: 25.615 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	274101		
129	32.3	26.7	40.1	
65	28.8	25.4	38.0	
92	18.3	15.4	23.2	

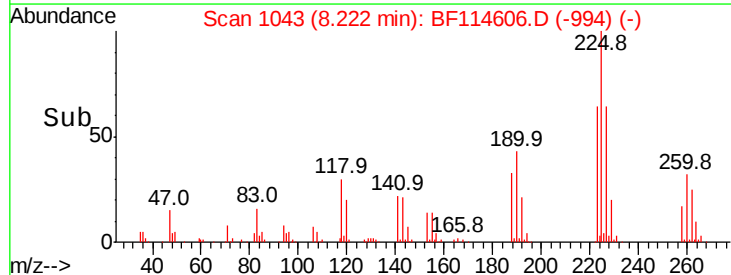
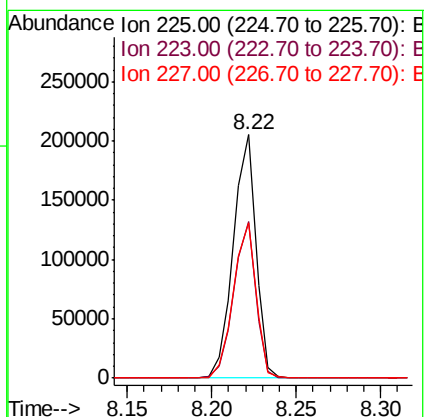
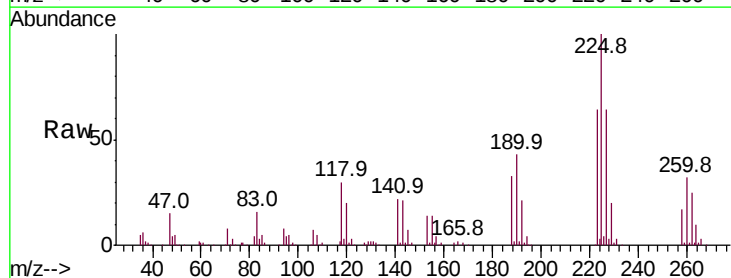
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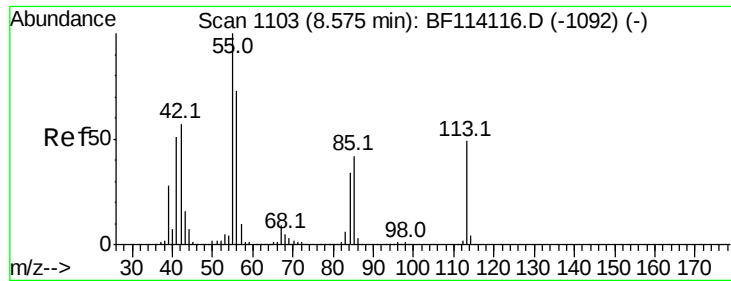
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#34
Hexachlorobutadiene
Concen: 42.658 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191068		
223	64.1	50.2	75.2	
227	63.9	52.6	79.0	





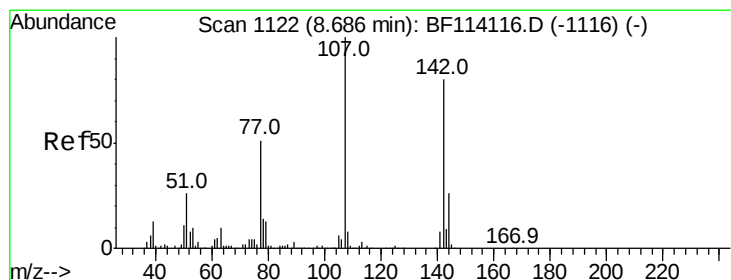
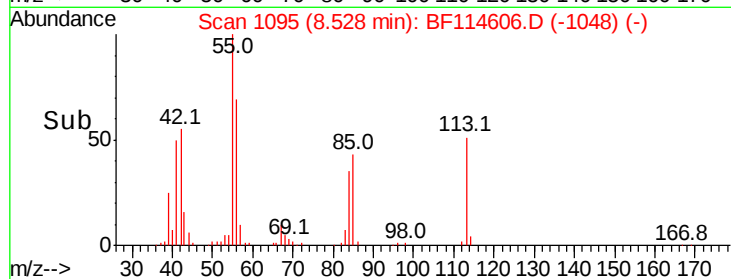
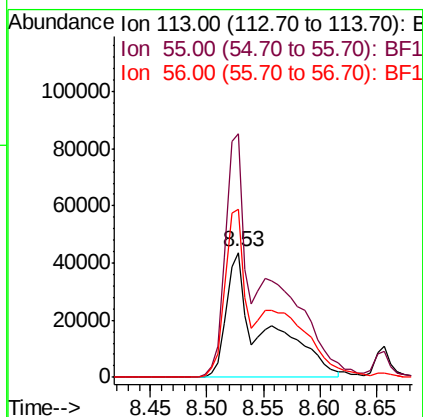
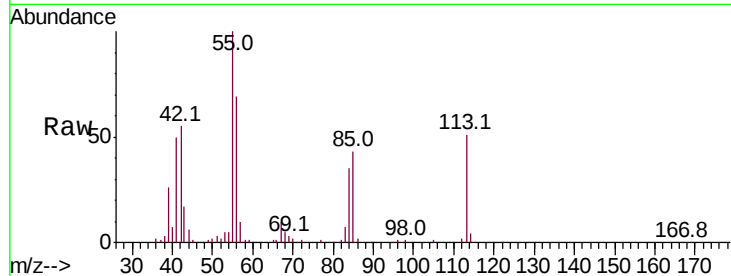
#35
 Caprolactam
 Concen: 45.108 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB119807BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.0	183.5	223.5
56	134.4	128.8	168.8

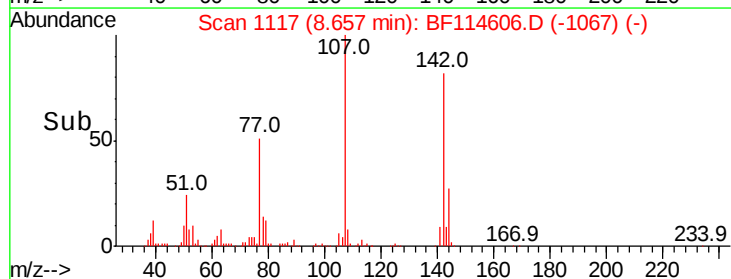
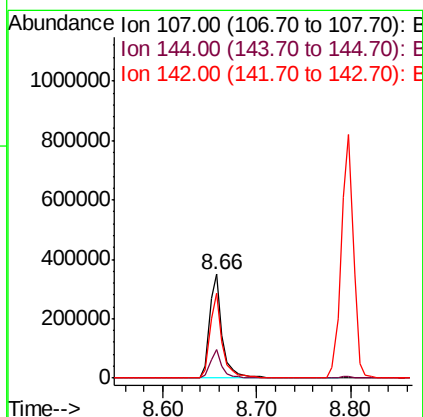
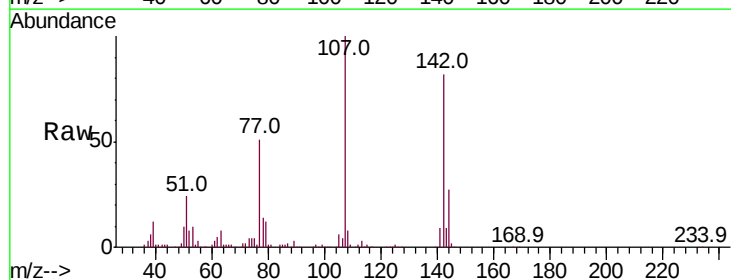
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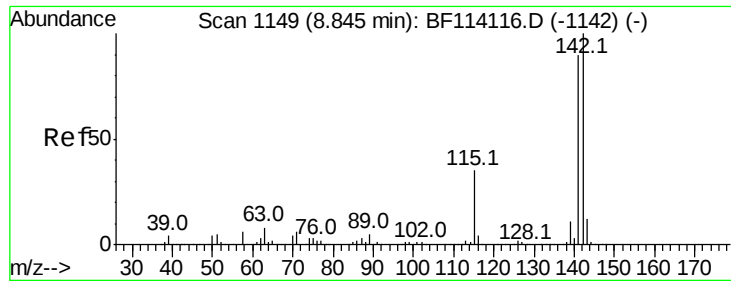
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#36
 4-Chloro-3-methylphenol
 Concen: 47.277 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.4	30.6
142	82.2	64.2	96.4





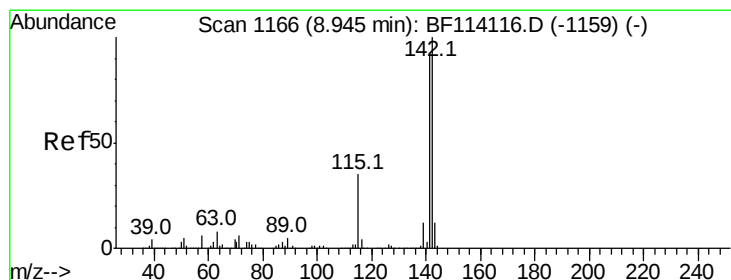
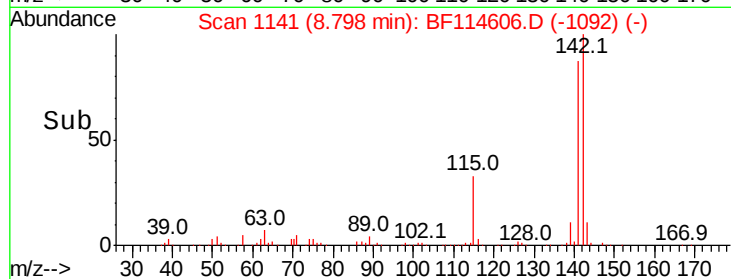
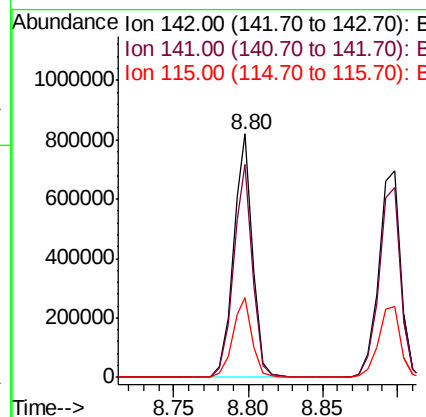
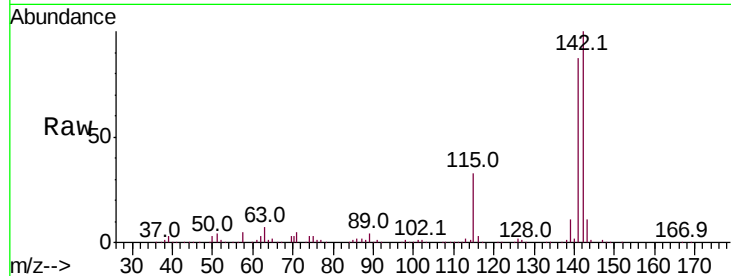
#37
2-Methylnaphthalene
Concen: 48.620 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampled :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.1	108.1
115	32.8	28.0	42.0

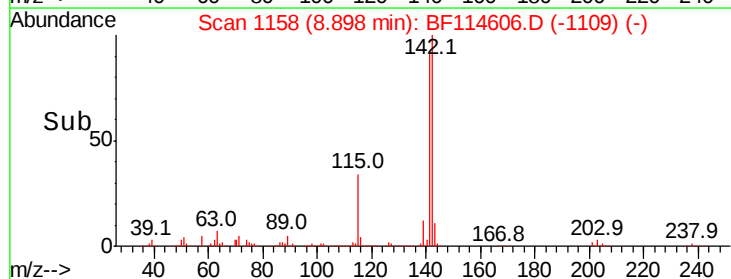
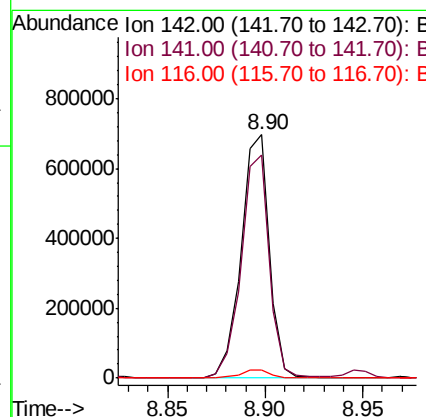
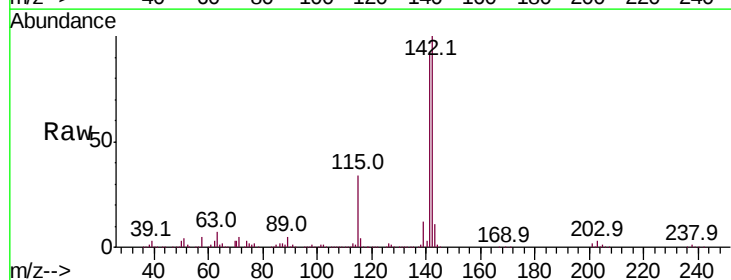
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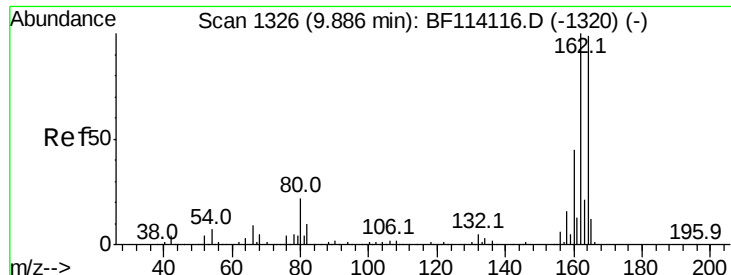
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#38
1-Methylnaphthalene
Concen: 48.753 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0
116	3.5	3.1	4.7





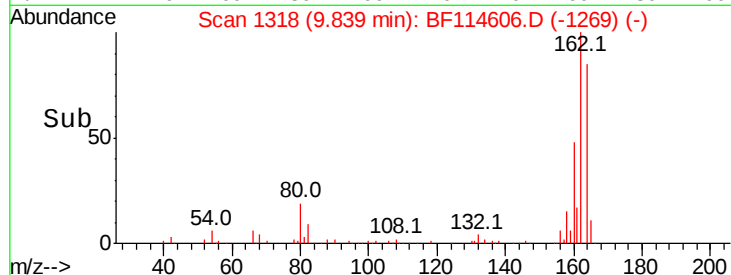
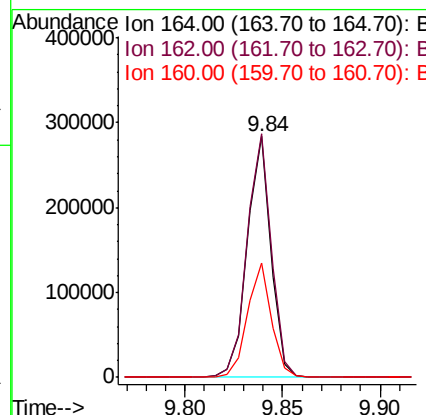
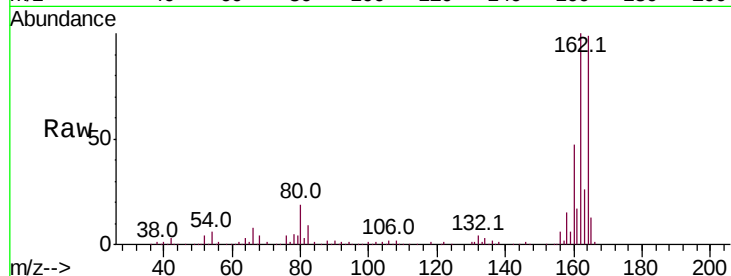
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	80.6	120.8	
160	47.5	36.5	54.7	

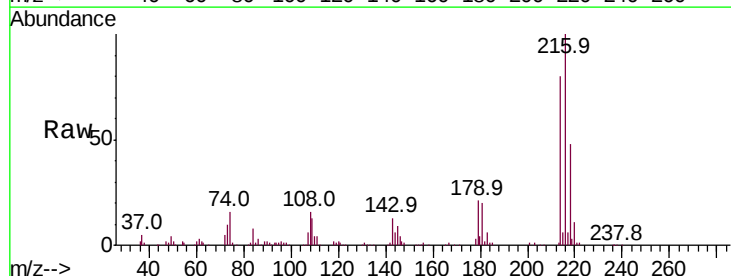
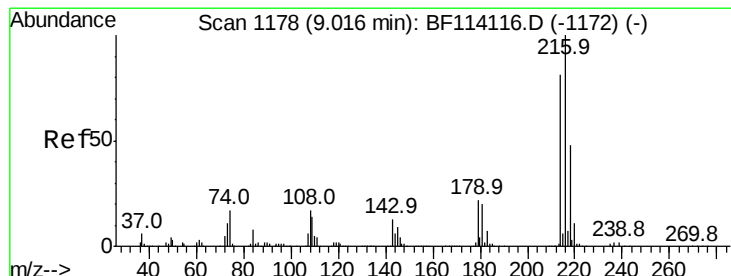
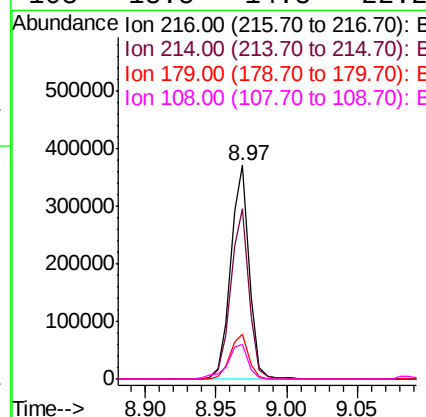
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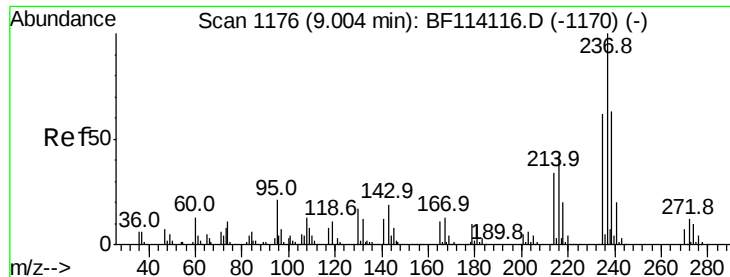
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.427 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.9	95.9	
179	21.1	17.0	25.6	
108	18.5	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 46.719 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

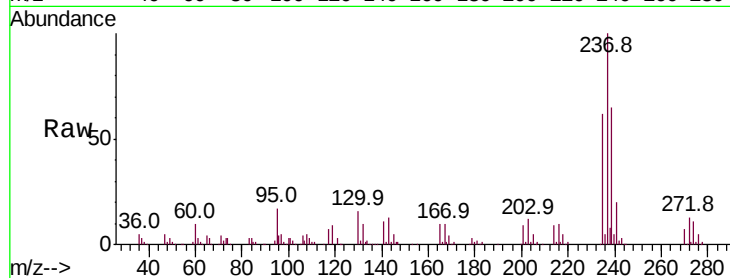
ClientSampleId :

PB119807BSD

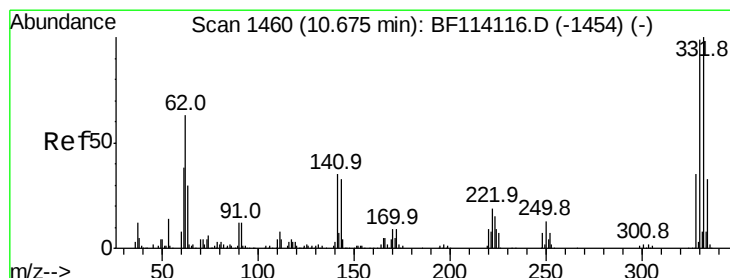
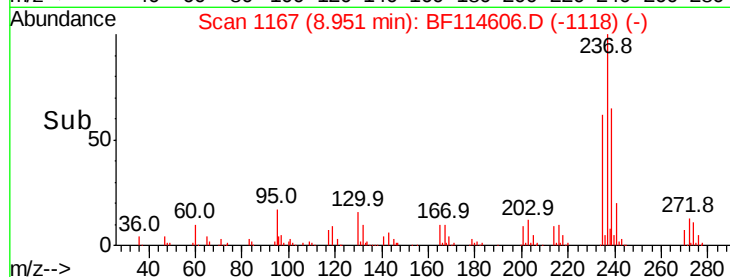
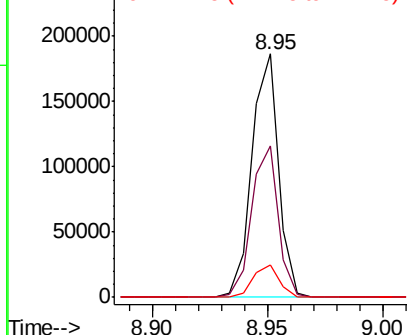
Tot Ion:	237	Resp:	150964
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.0	82.0
272	13.2	0.0	32.4

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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: 133.088 ng

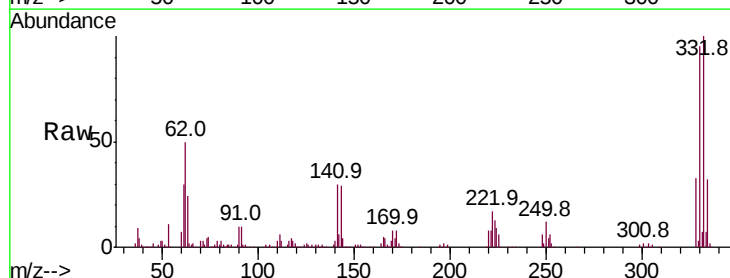
RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

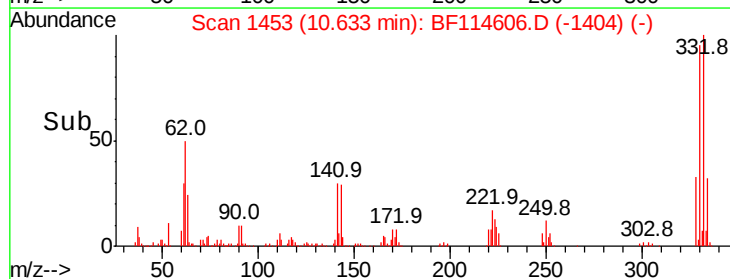
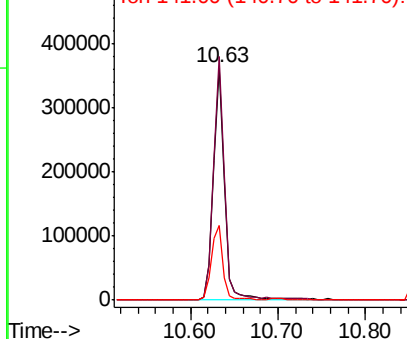
Lab File: BF114606.D

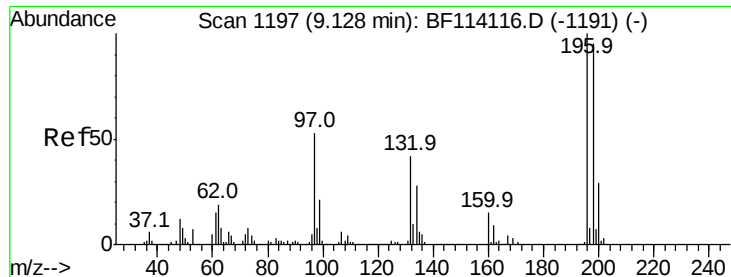
Acq: 25 May 2019 16:19

Tgt Ion:	330	Resp:	328403
Ion Ratio	Lower	Upper	
330	100		
332	103.7	81.4	122.2
141	33.1	26.6	40.0



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: 40.476 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

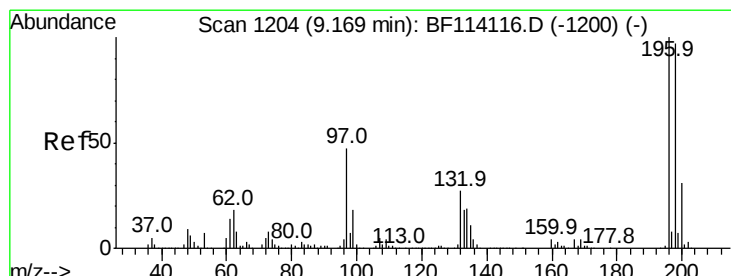
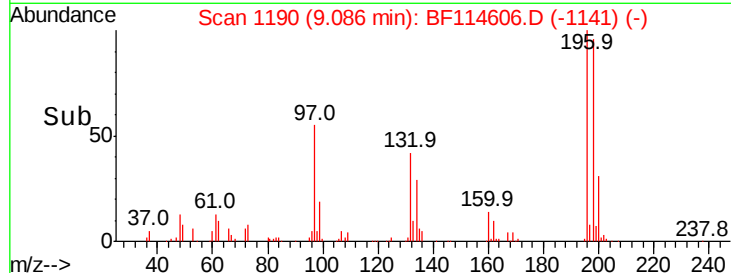
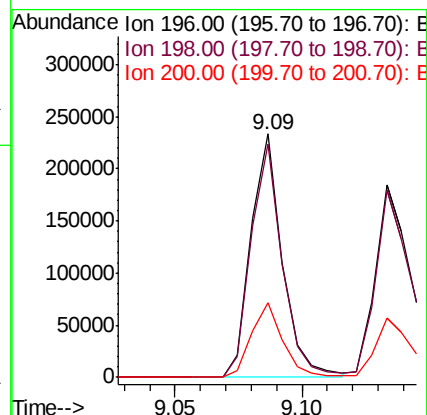
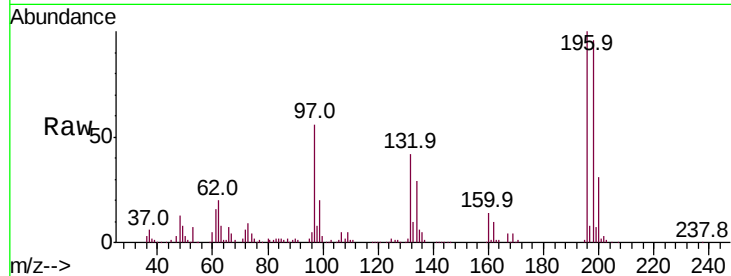
ClientSampleId :

PB119807BSD

Tot Ion:	196	Resp:	201294
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.9	113.9
200	30.7	23.5	35.3

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#44

2,4,5-Trichlorophenol

Concen: 40.827 ng

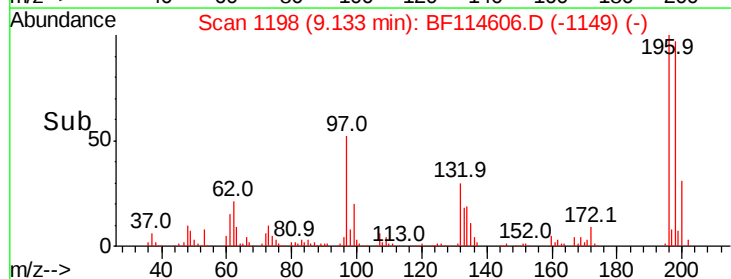
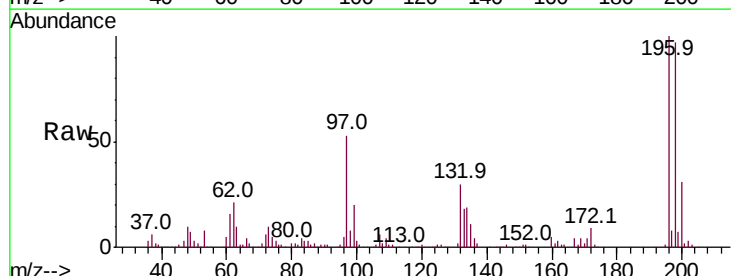
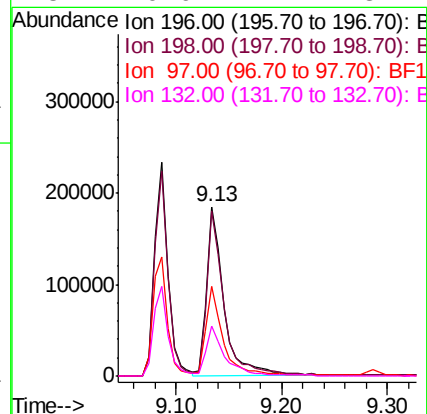
RT: 9.13 min Scan# 1198

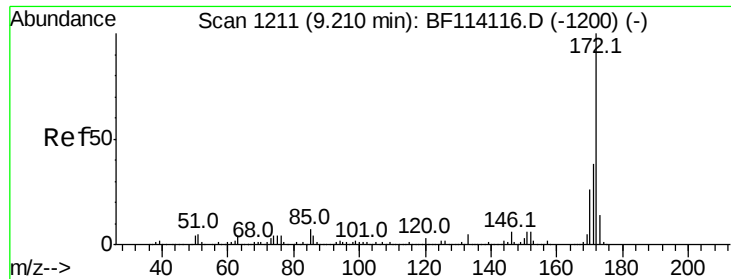
Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	196	Resp:	208224
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.7	116.5
97	52.6	38.2	57.2
132	29.9	21.4	32.2





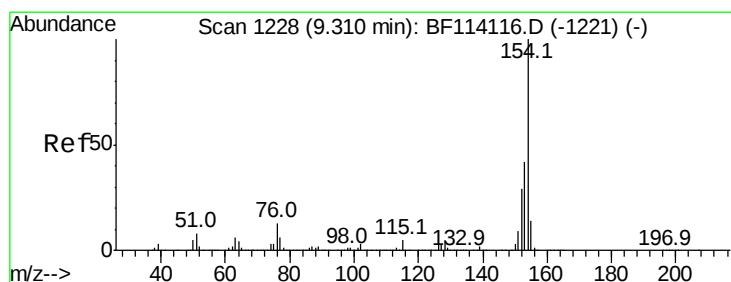
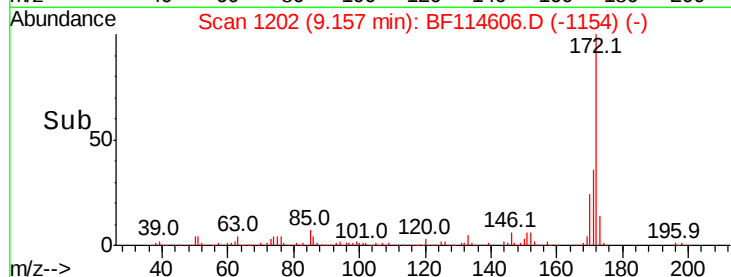
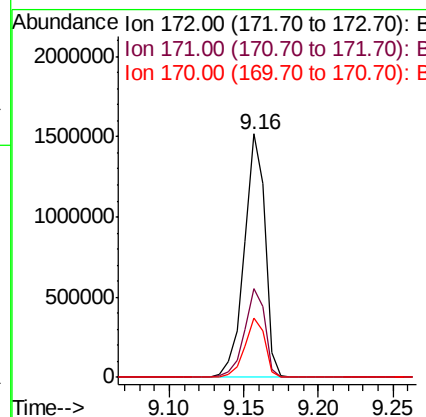
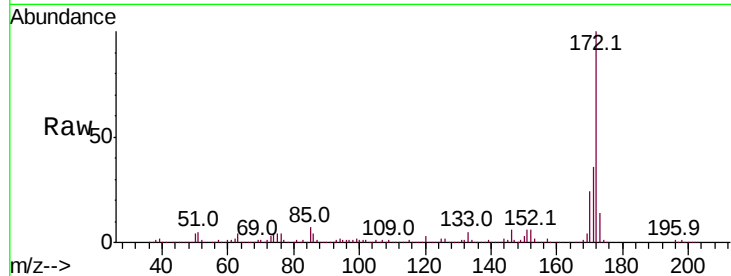
#45
2-Fluorobiphenyl
Concen: 93.108 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.4	20.5	30.7

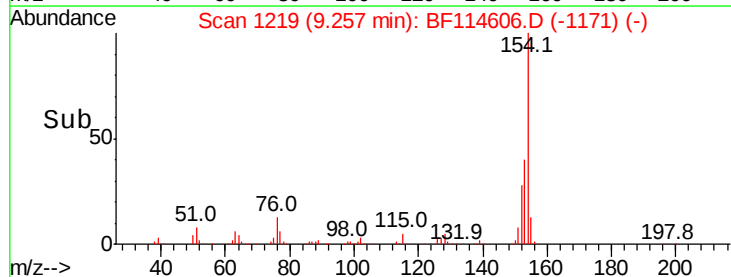
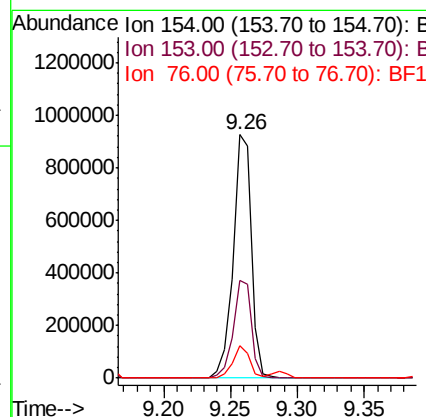
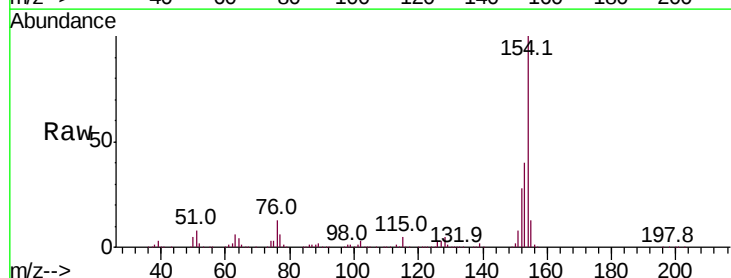
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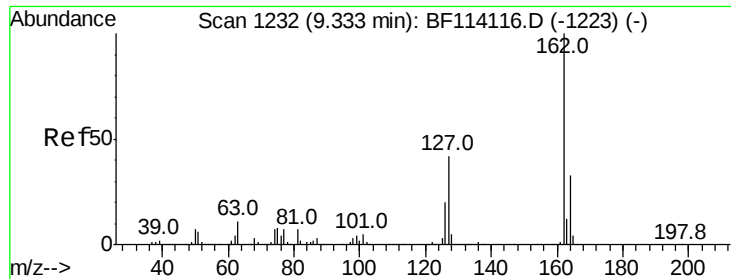
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#46
1,1'-Biphenyl
Concen: 46.579 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	13.1	0.0	32.8





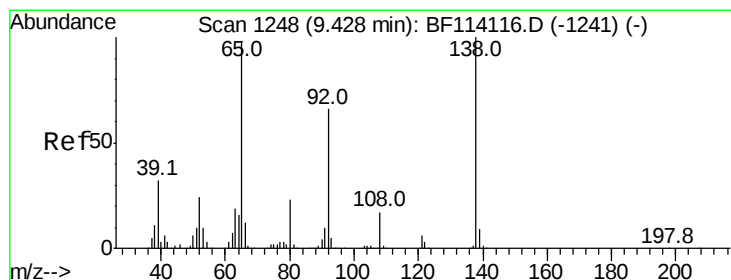
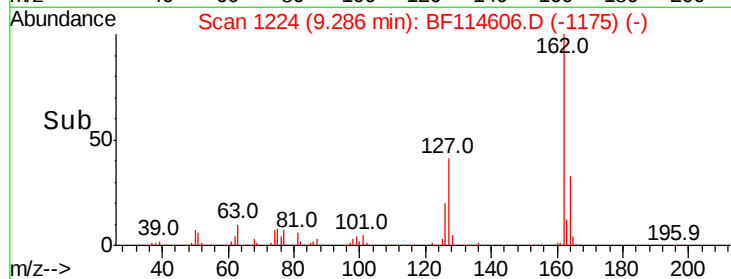
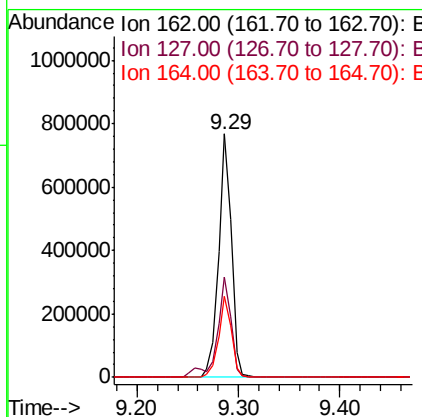
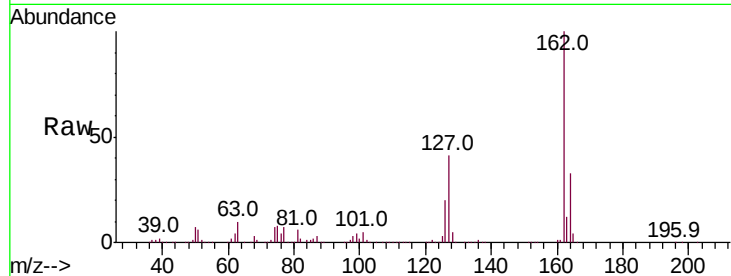
#47
 2-Chloronaphthalene
 Concen: 43.389 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	673315		
127	41.2		34.0	51.0
164	33.3		26.7	40.1

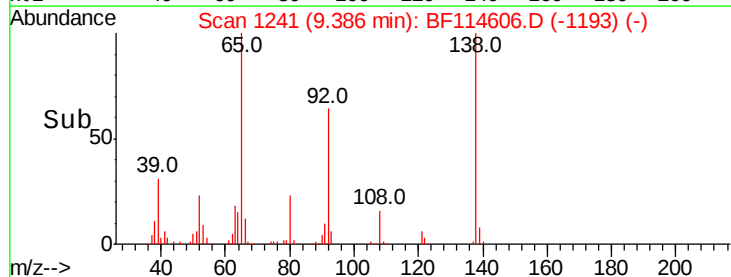
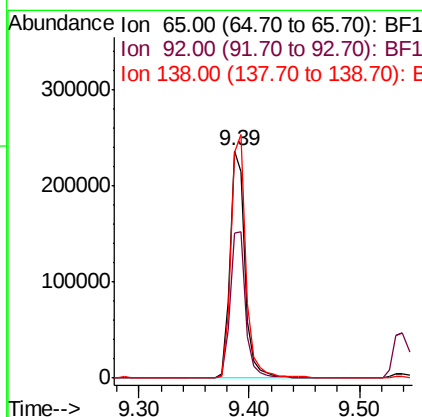
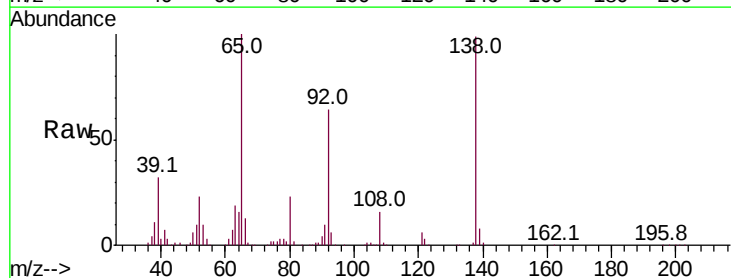
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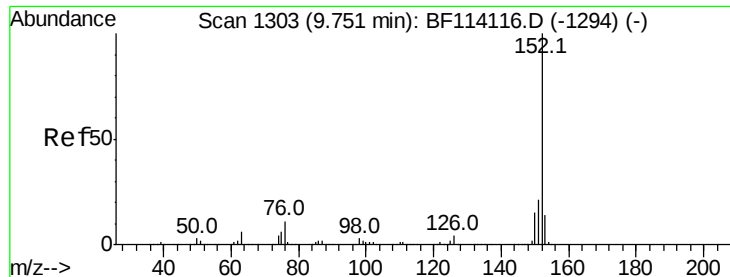
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#48
 2-Nitroaniline
 Concen: 40.810 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224596		
92	63.8		53.9	80.9
138	99.3		81.4	122.0





#49

Acenaphthylene

Concen: 45.564 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampled :

PB119807BSD

Tot Ion:152 Resp: 1075418

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

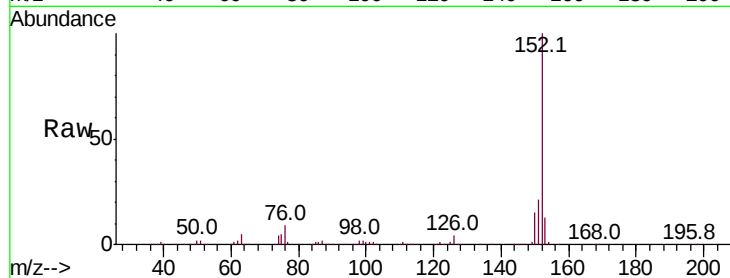
153 13.3 11.4 17.2

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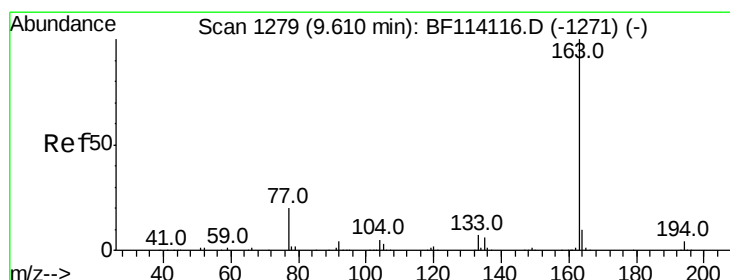
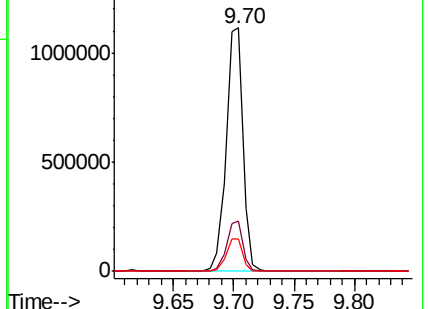
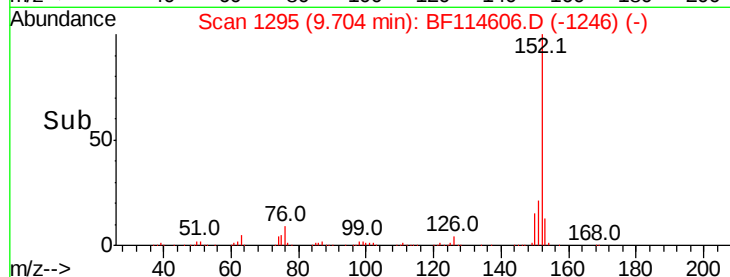
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.471 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

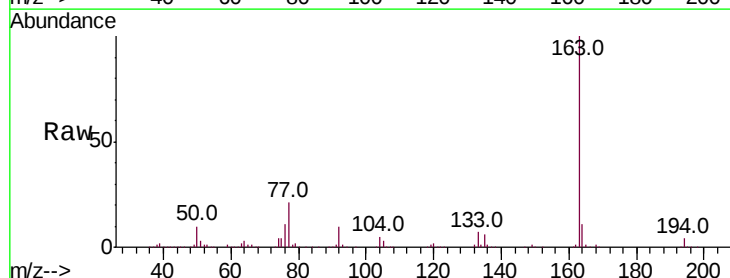
Tgt Ion:163 Resp: 779196

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

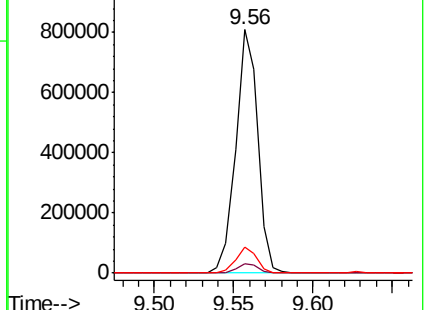
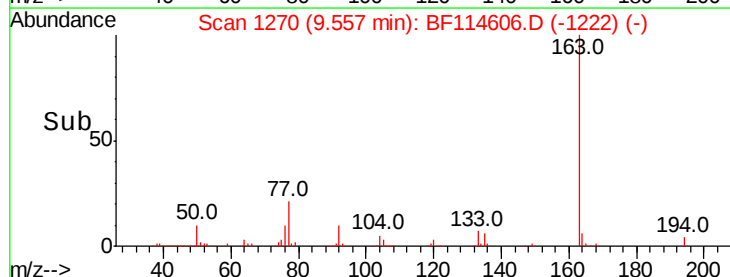
164 10.7 8.2 12.2

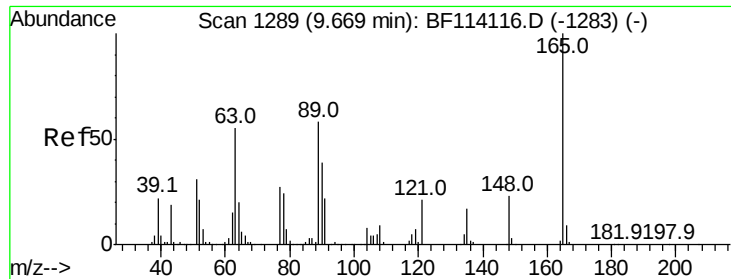


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.634 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

PB119807BSD

Tot Ion:165 Resp: 173458

Ion Ratio Lower Upper

165 100

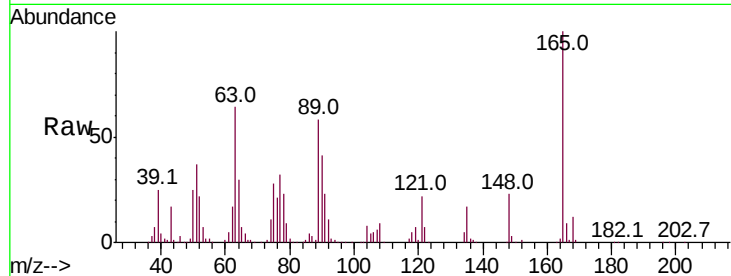
63 63.5 50.2 75.4

89 58.4 46.6 69.8

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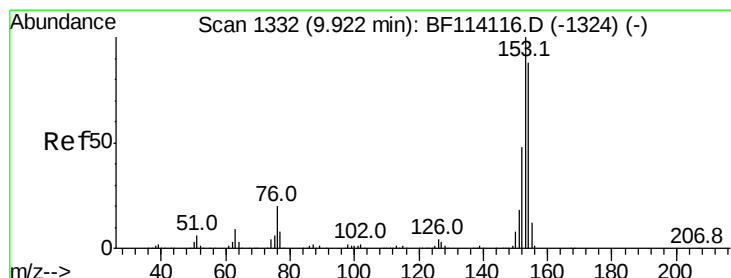
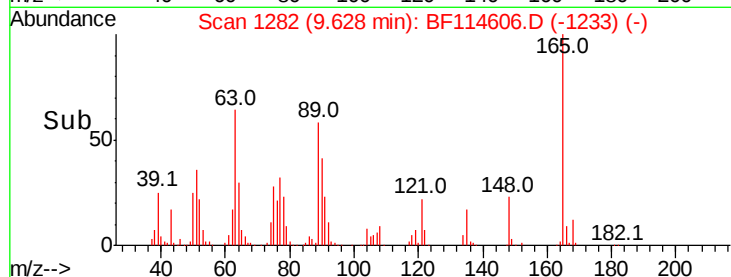
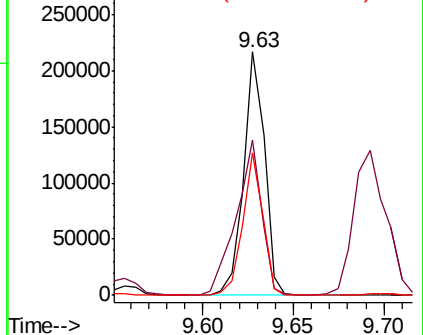
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.692 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

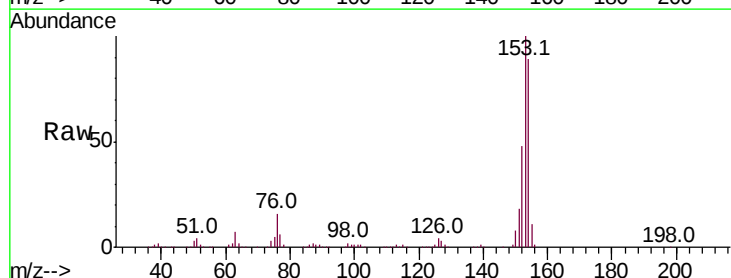
Tgt Ion:154 Resp: 632801

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

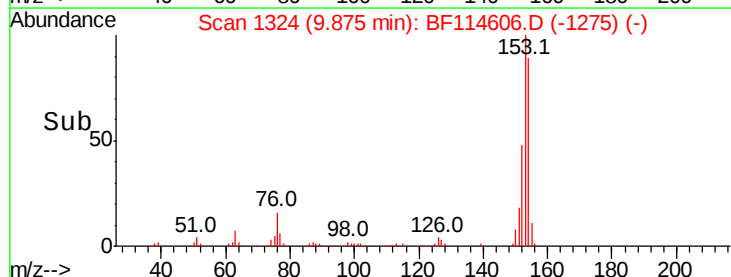
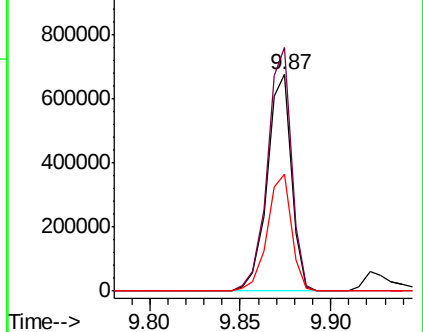
152 54.2 43.4 65.2



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





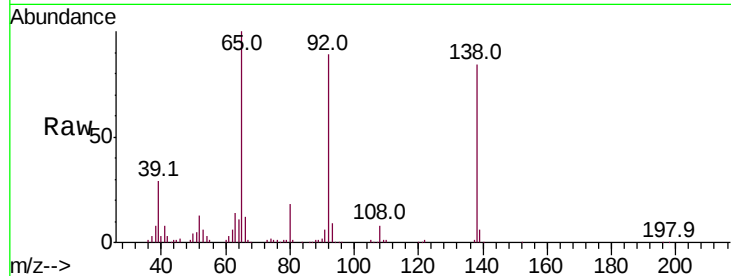
#53
3-Nitroaniline
Concen: 27.442 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

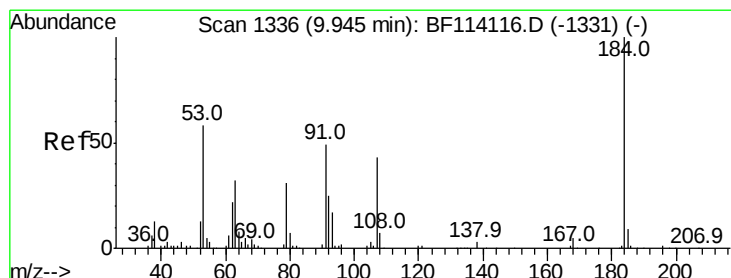
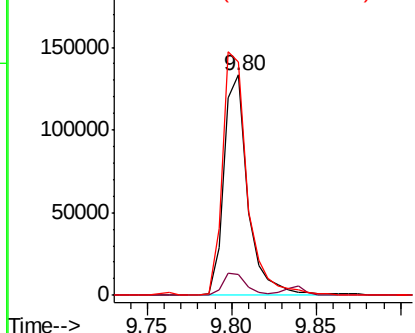
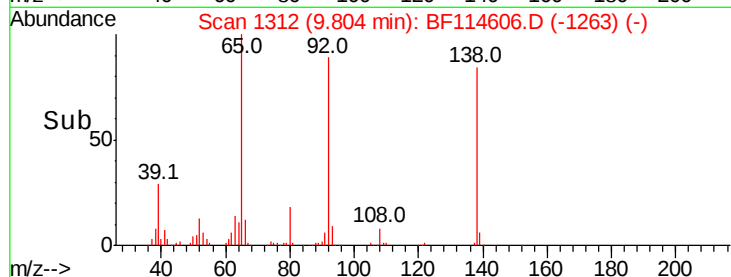
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	106.1	91.2	136.8

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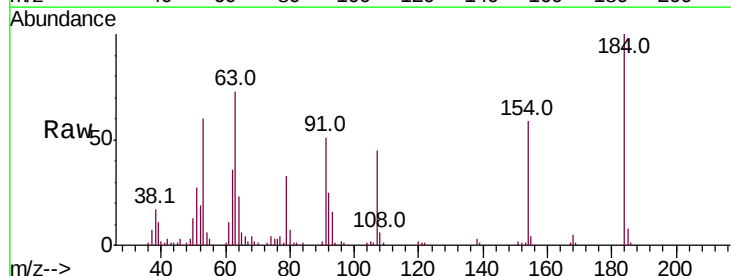


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

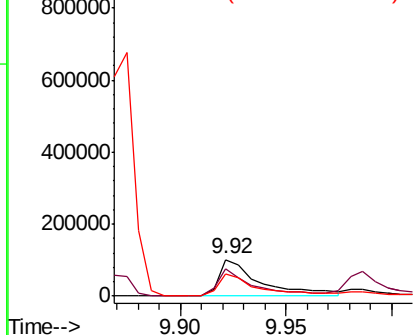
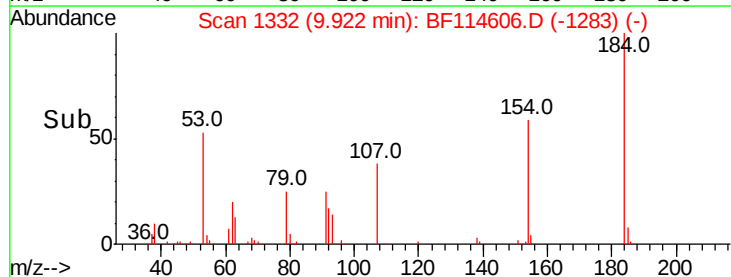


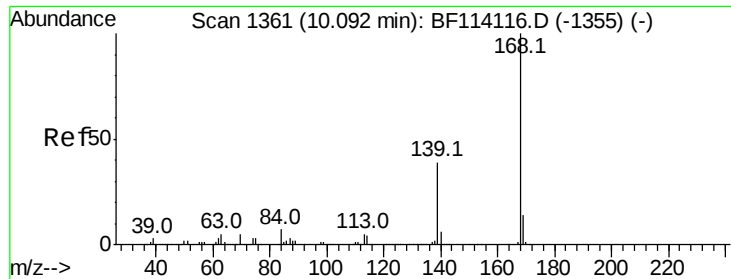
#54
2,4-Dinitrophenol
Concen: 72.526 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.1	55.6	83.4
154	59.3	46.0	69.0



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





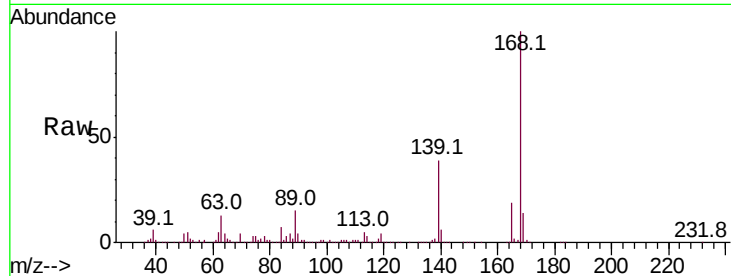
#55
Dibenzofuran
Concen: 43.447 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampled :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	13.7	11.4	17.0

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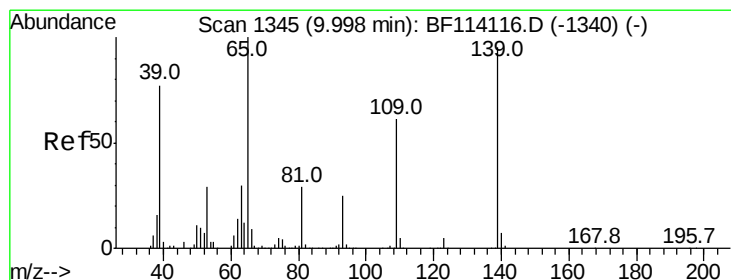
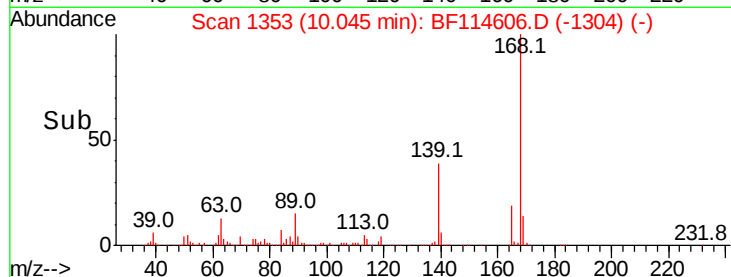
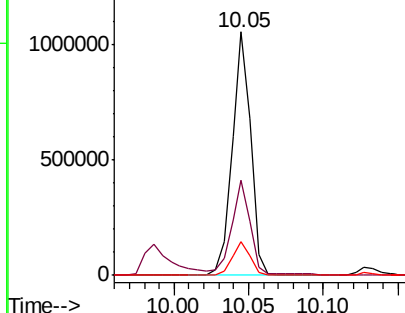


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 50.327 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

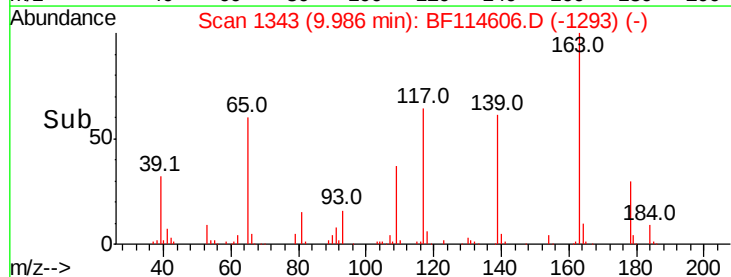
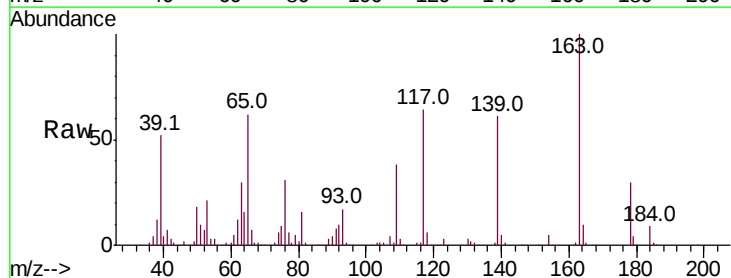
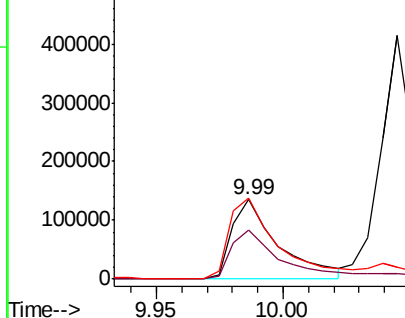
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	43.9	83.9
65	102.4	85.7	125.7

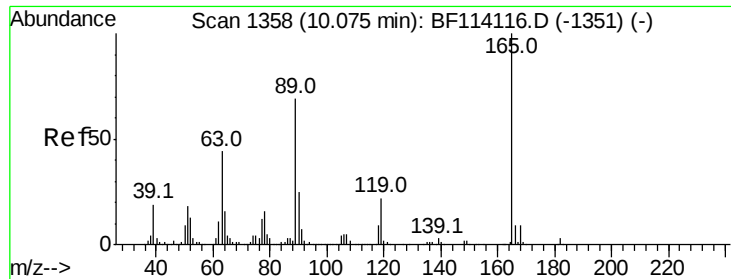
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.416 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

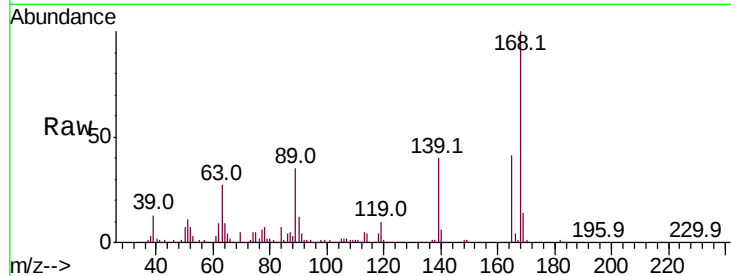
ClientSampleId :

PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	213184		
63	66.3	35.5	53.3#	
89	84.7	55.2	82.8#	
182	2.7	2.2	3.2	

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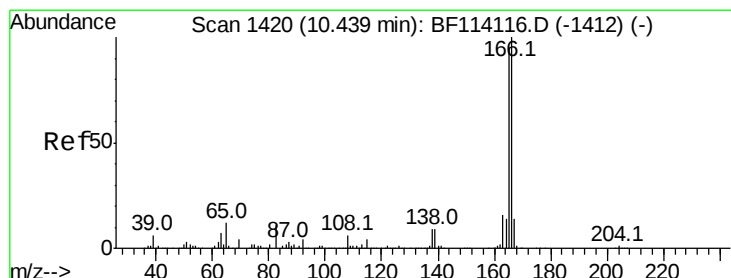
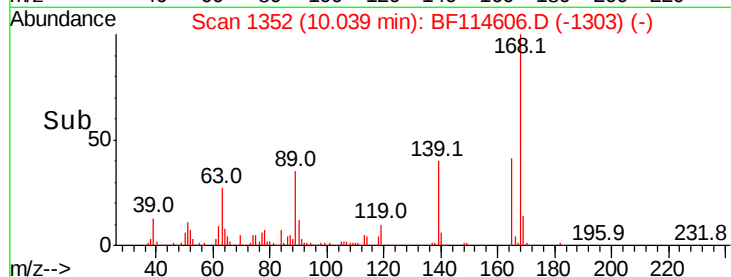
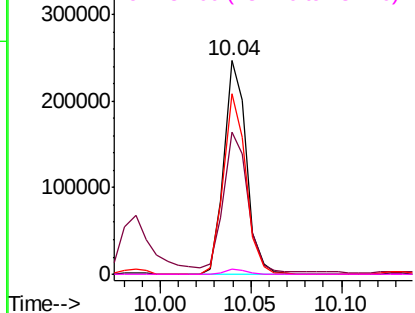


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.282 ng

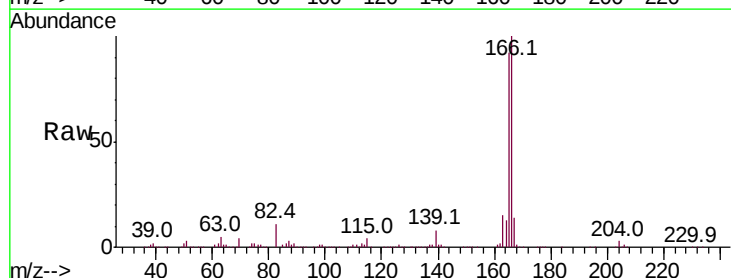
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

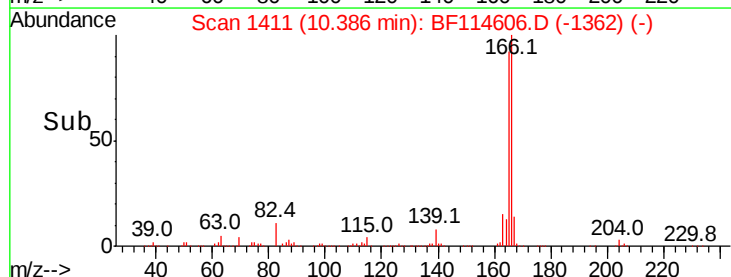
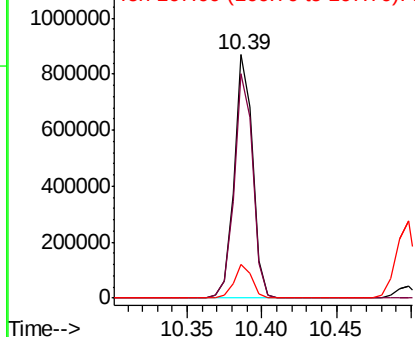
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	759226		
165	92.2	76.1	114.1	
167	13.7	11.1	16.7	

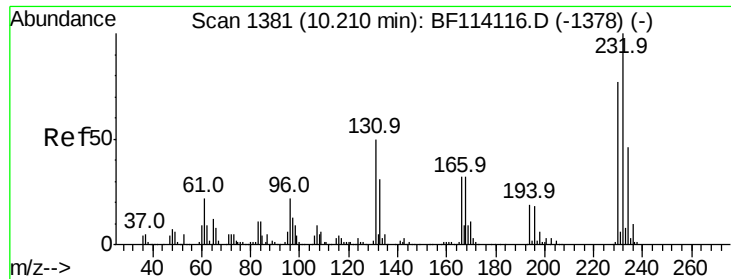


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





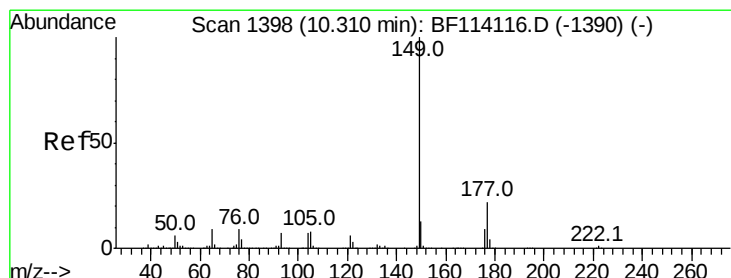
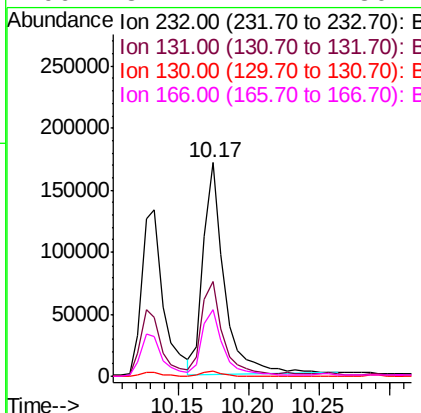
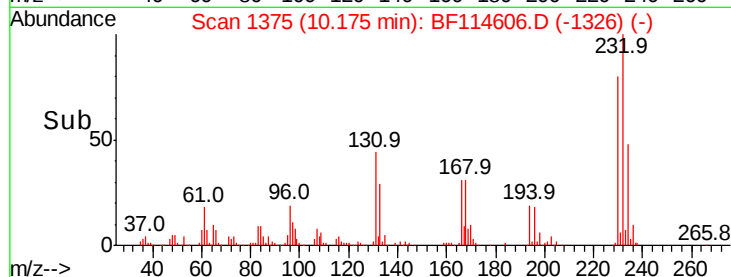
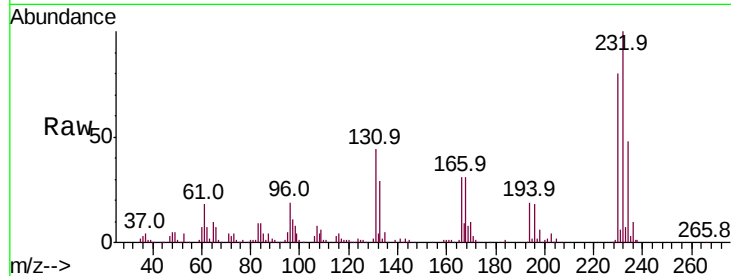
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.086 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176405		
131	46.3		35.6	53.4
130	2.3		1.6	2.4
166	31.4		24.1	36.1

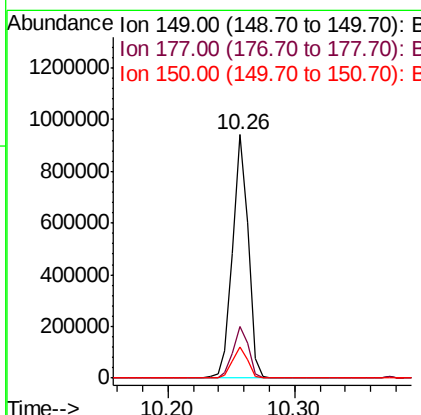
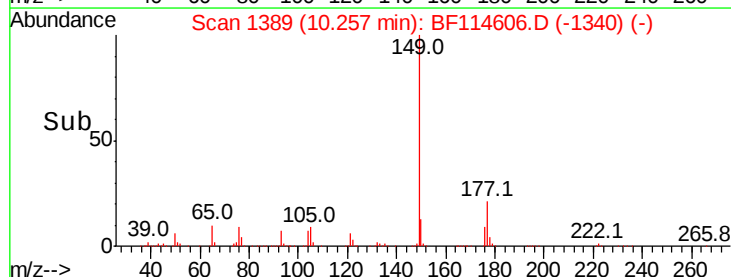
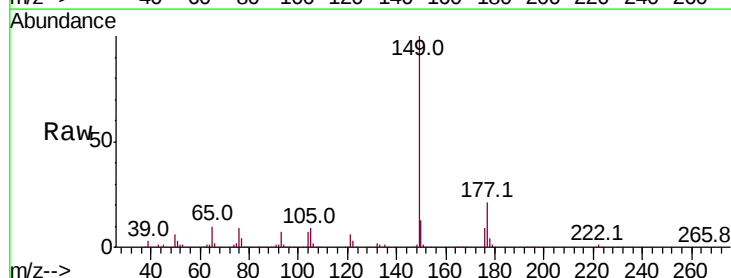
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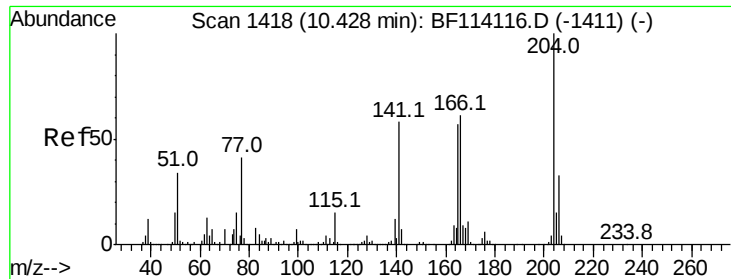
mohammad
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#60
 Diethylphthalate
 Concen: 44.391 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	790283		
177	21.0		17.8	26.6
150	12.8		10.2	15.2





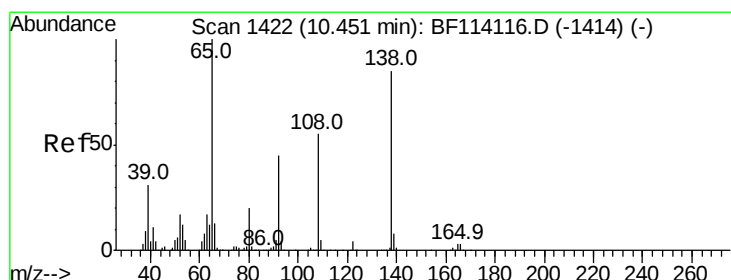
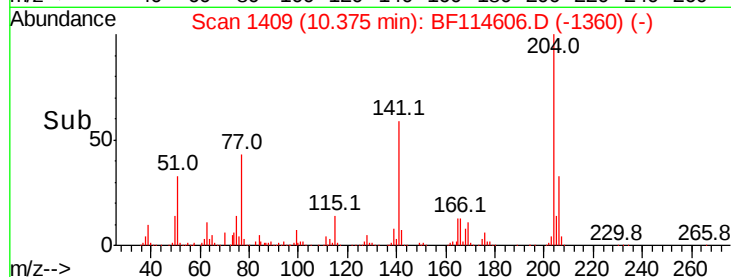
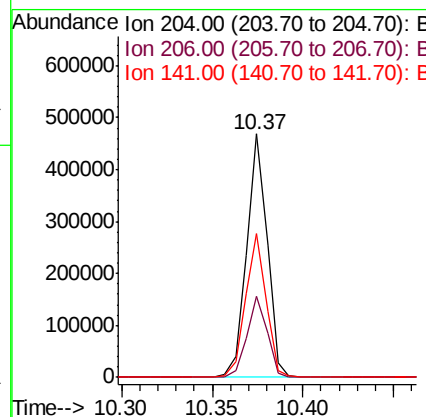
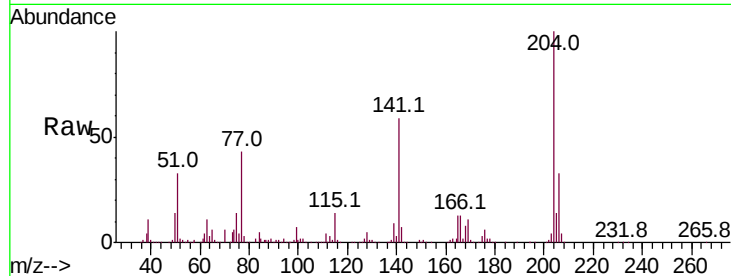
#61
4-Chlorophenyl-phenylether
Concen: 45.318 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	59.1	46.4	69.6

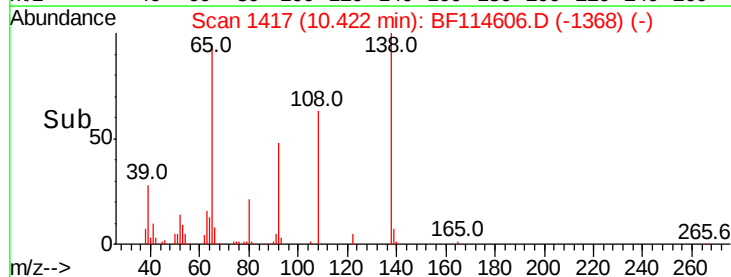
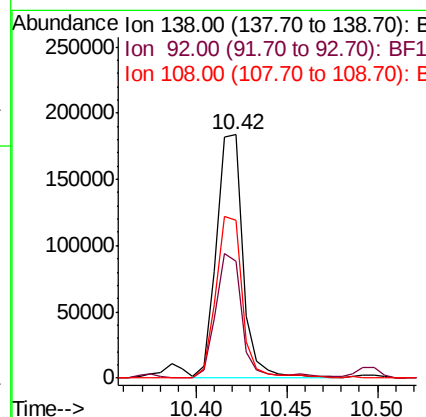
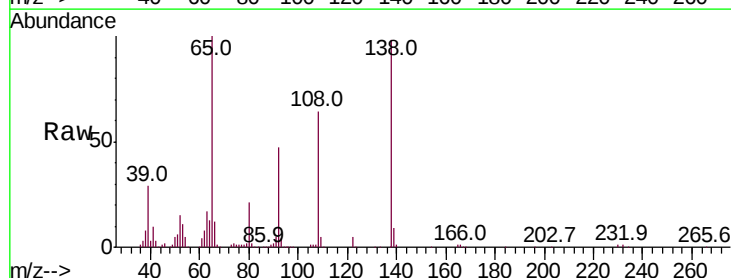
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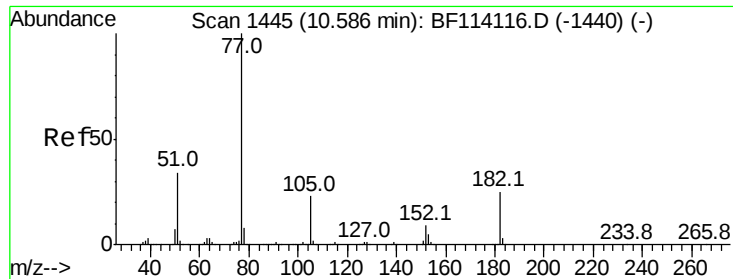
mohammad
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#62
4-Nitroaniline
Concen: 36.577 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	33.0	73.0
108	65.0	44.9	84.9





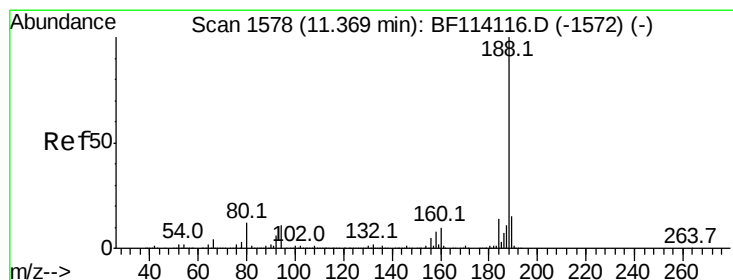
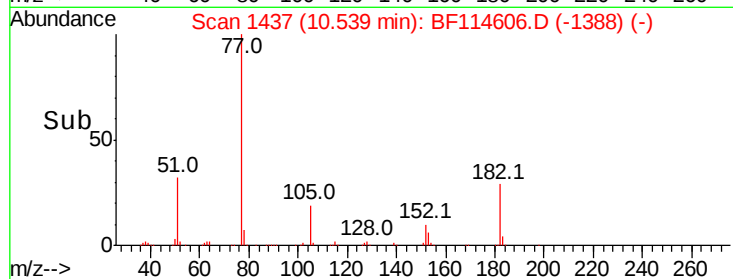
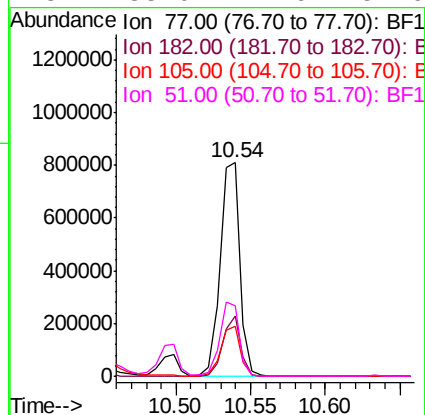
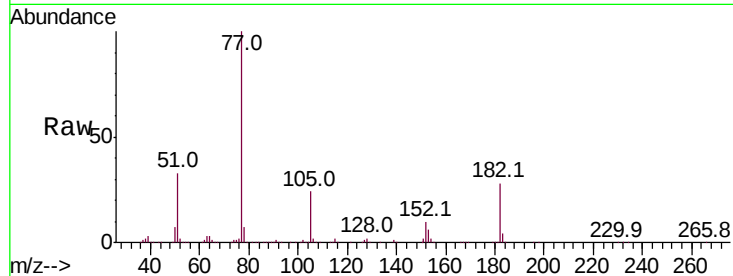
#63
Azobenzene
Concen: 43.616 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		751610		
182	28.3	4.7	44.7		
105	23.6	2.9	42.9		
51	33.0	14.6	54.6		

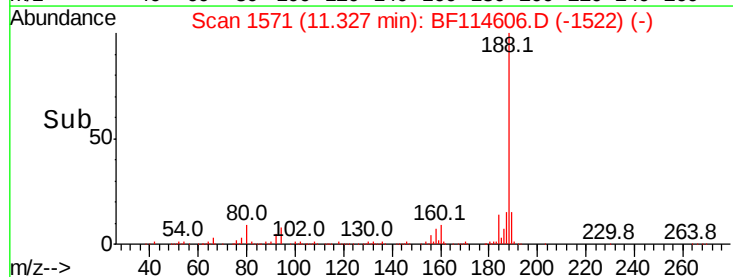
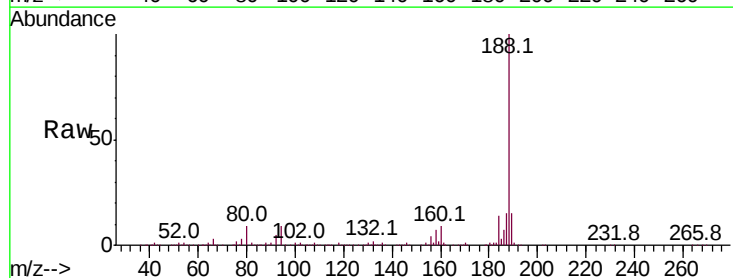
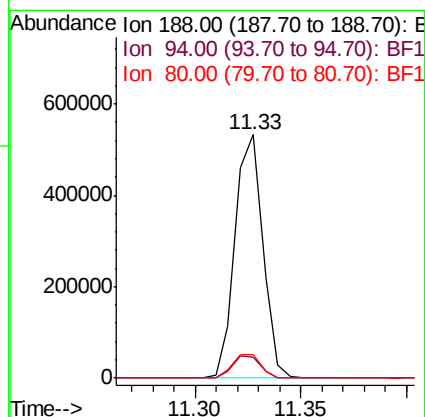
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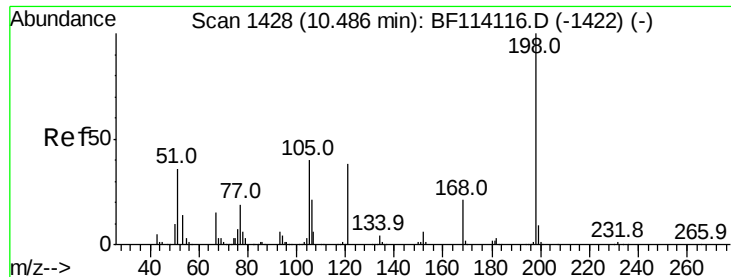
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		483153		
94	8.5	8.4	12.6		
80	9.5	9.2	13.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 43.610 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

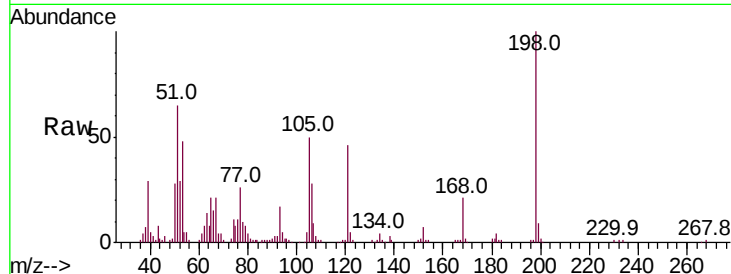
ClientSampleId :

PB119807BSD

Tot Ion:	198	Resp:	101245
Ion Ratio	Lower	Upper	
198	100		
51	65.0	28.0	68.0
105	49.9	21.1	61.1

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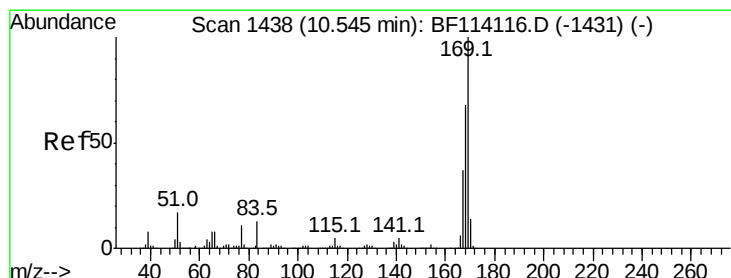
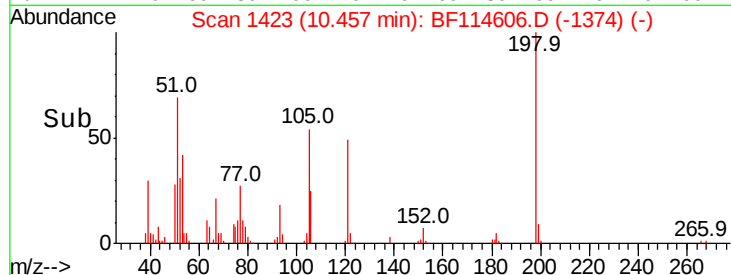
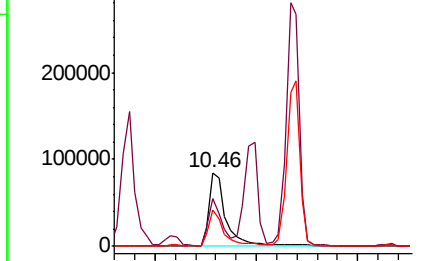
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.715 ng

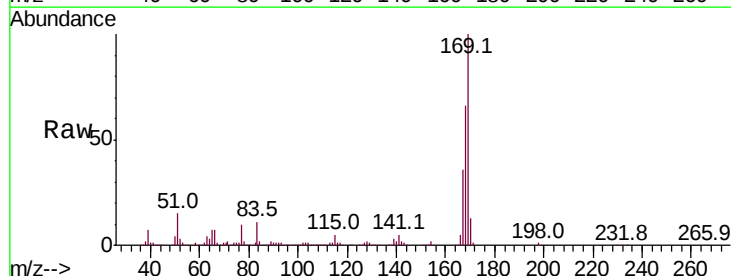
RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

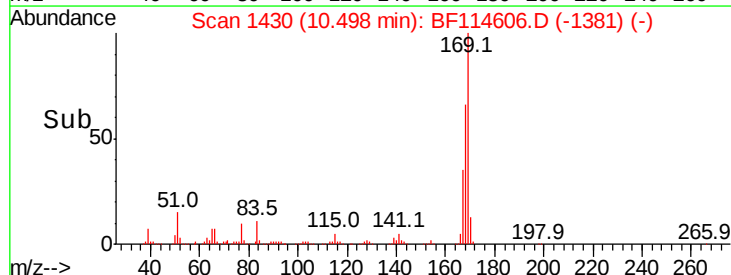
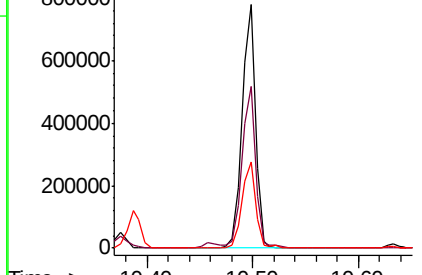
Tgt Ion:	169	Resp:	670355
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.2	81.2
167	35.6	29.8	44.8

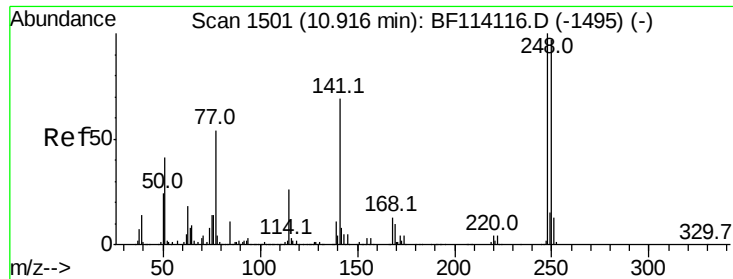


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.110 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114606.D

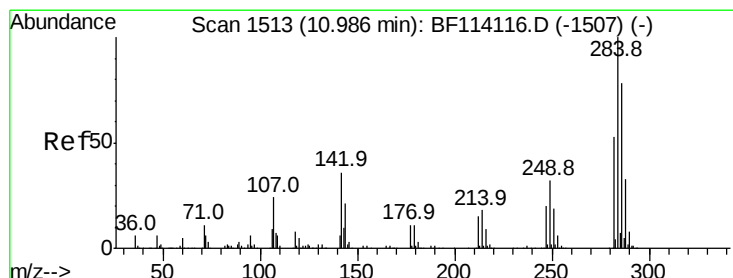
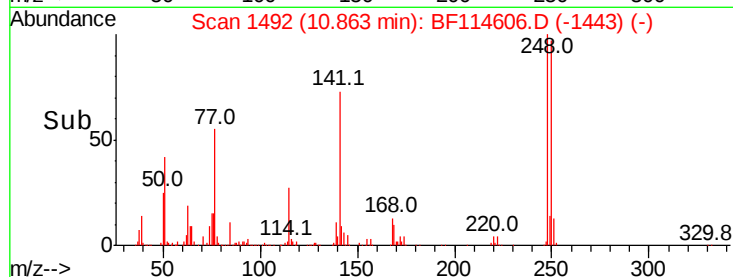
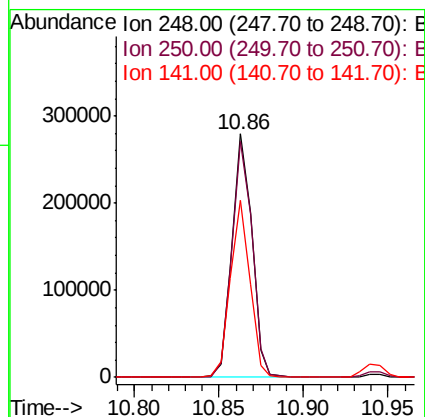
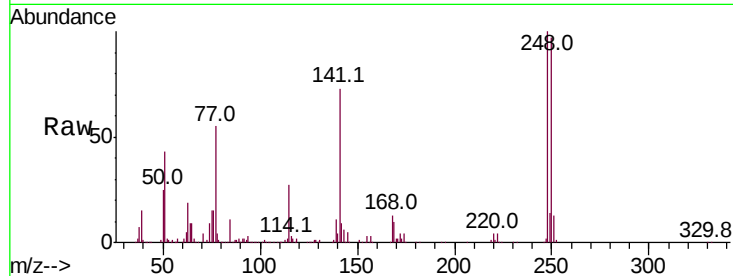
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	229335		
250	96.7	77.4	116.2	
141	72.9	55.6	83.4	

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#68

Hexachlorobenzene

Concen: 41.427 ng

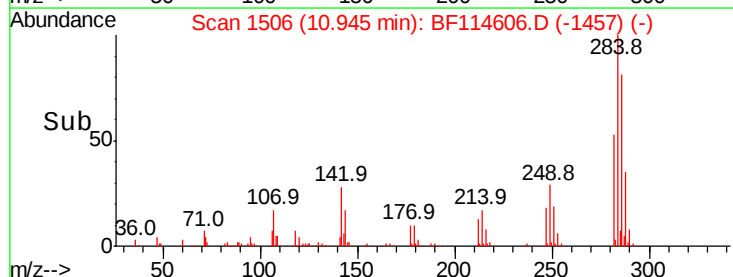
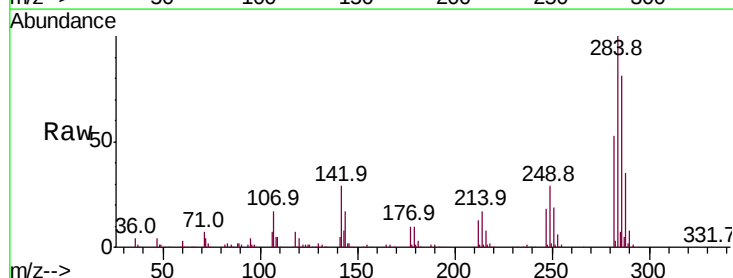
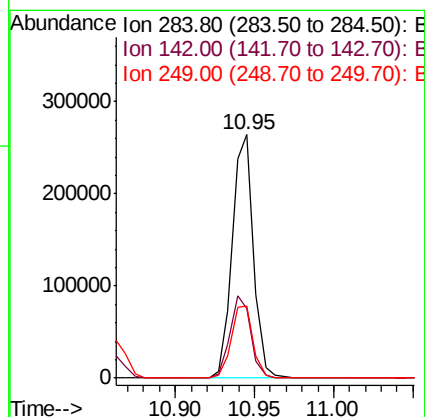
RT: 10.95 min Scan# 1506

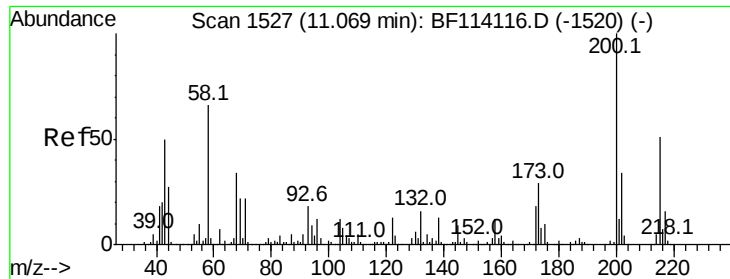
Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	243801		
142	28.6	28.4	42.6	
249	29.5	25.2	37.8	





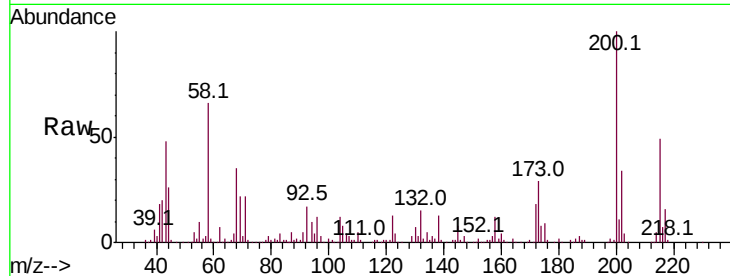
#69
Atrazine
Concen: 42.978 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	196123		
173	29.2	8.9	48.9	
215	49.1	30.7	70.7	

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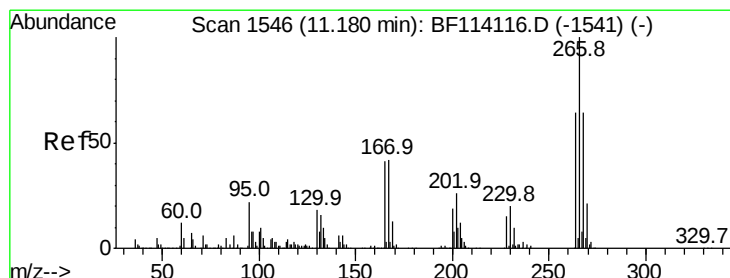
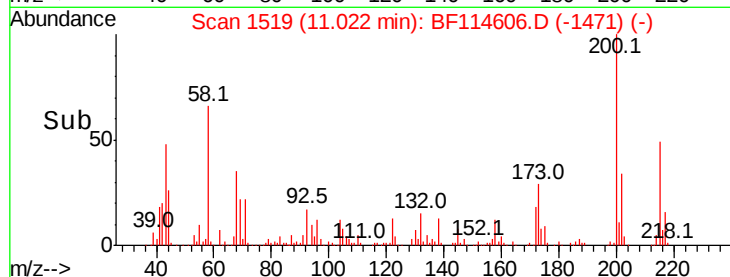
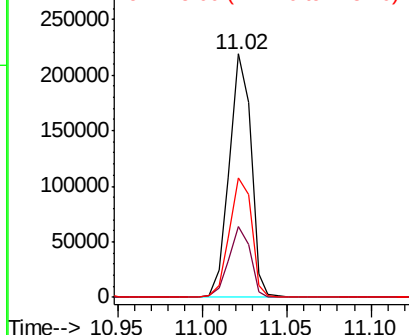


Abundance

Ion 200.00 (199.70 to 200.70): E

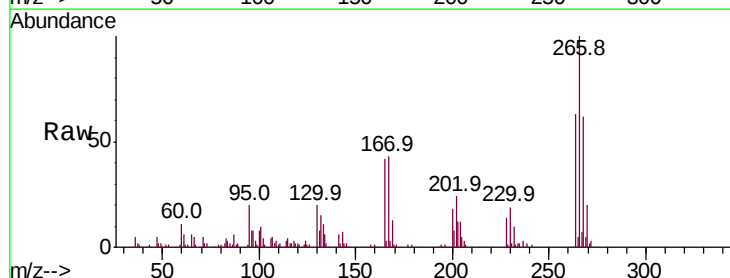
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.425 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	160202		
268	61.7	51.1	76.7	
264	62.6	51.1	76.7	

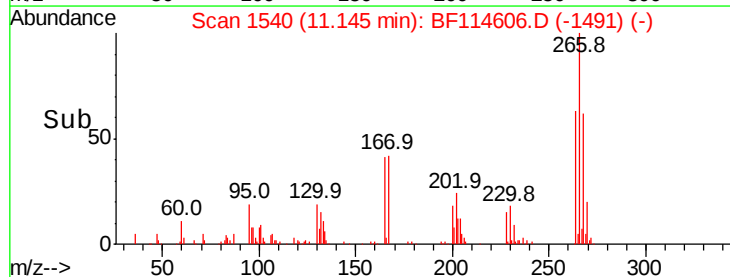
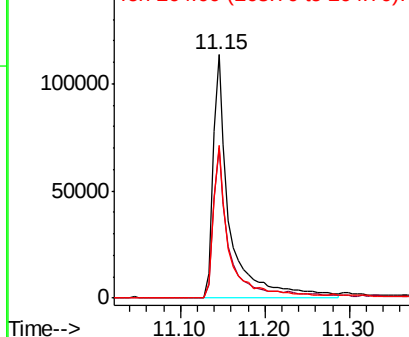


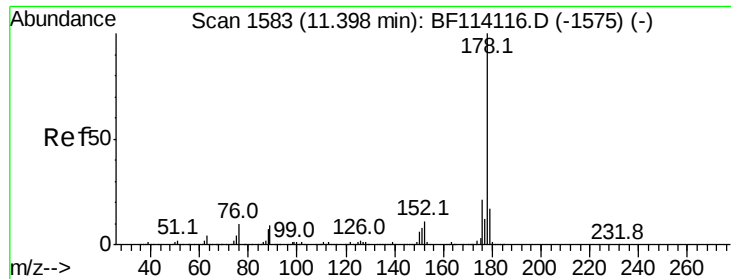
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





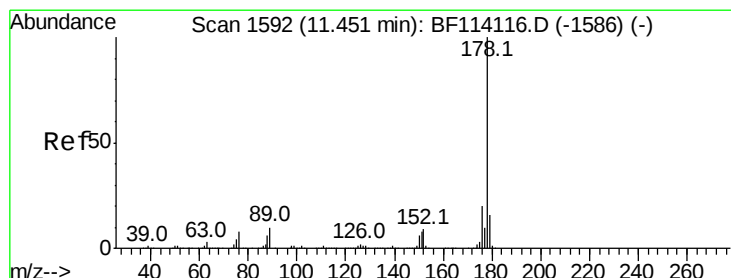
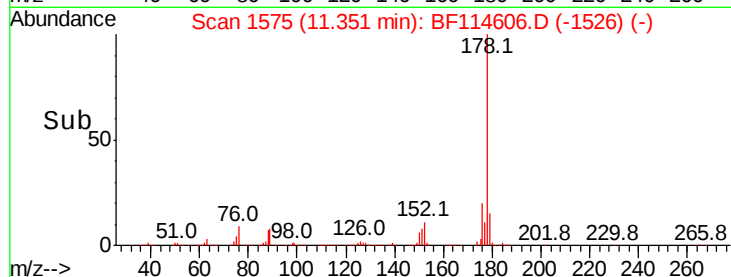
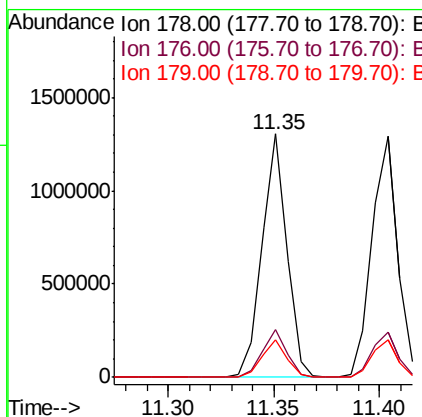
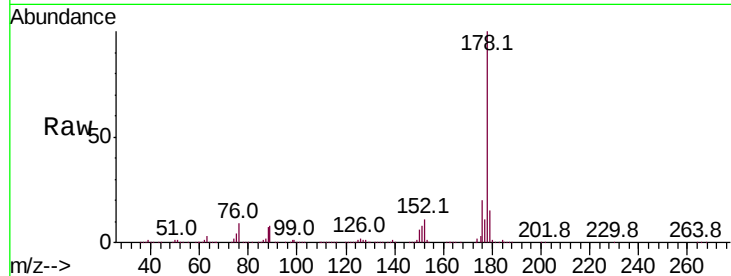
#71
Phenanthrene
Concen: 45.616 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.4	13.2	19.8

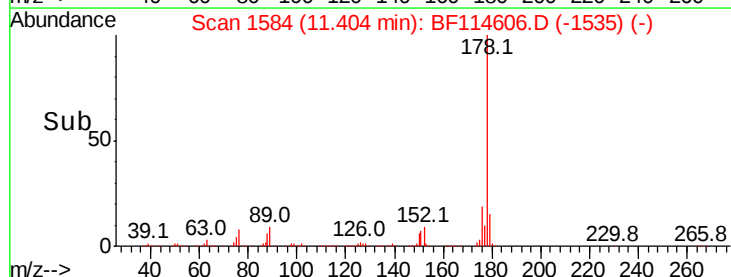
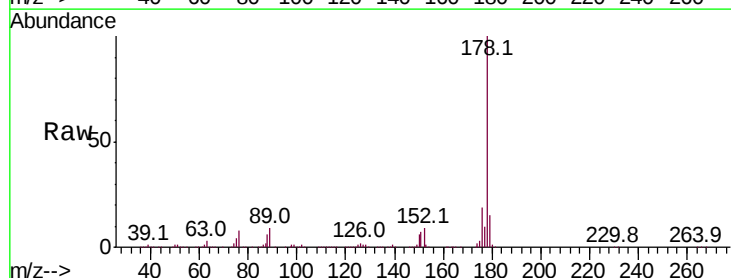
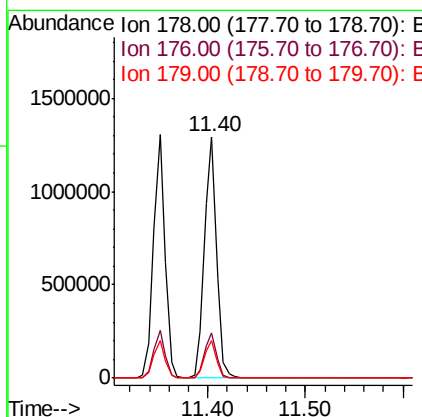
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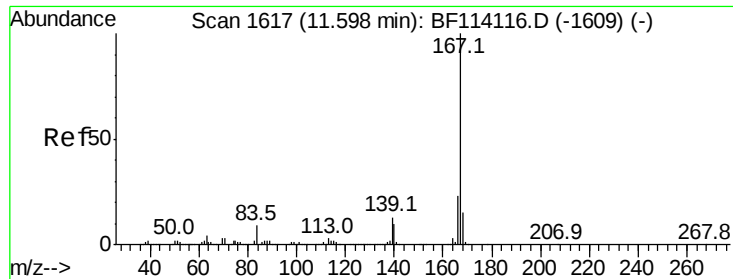
mohammad
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#72
Anthracene
Concen: 47.190 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	13.0	19.4





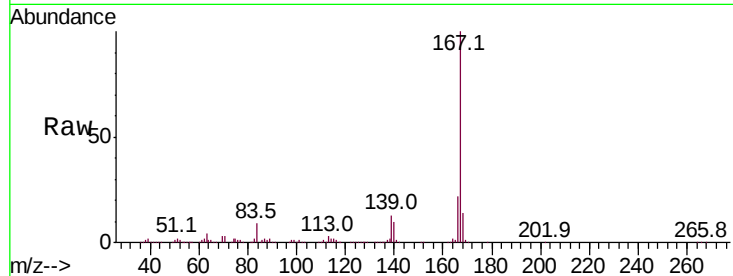
#73
 Carbazole
 Concen: 45.867 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB119807BSD

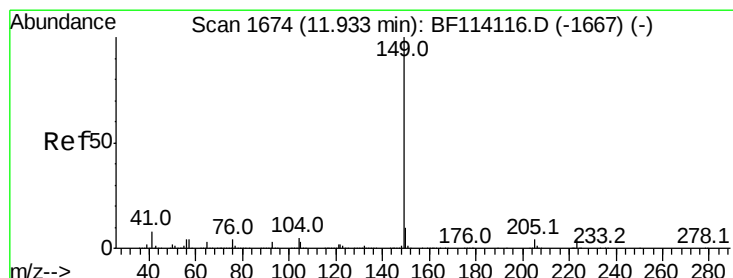
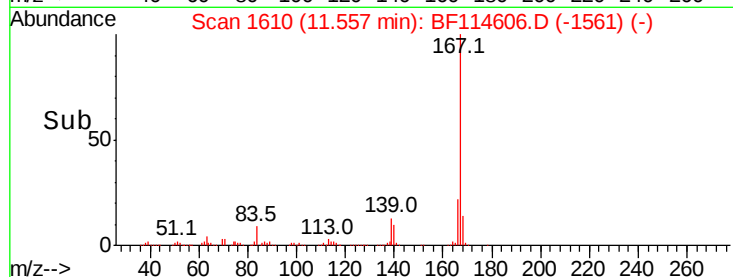
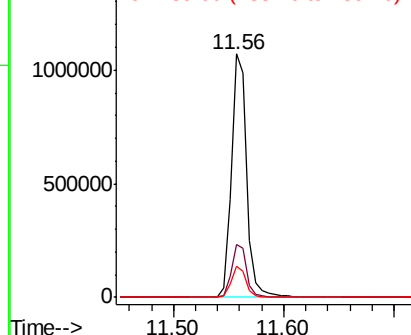
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.7	10.6	16.0

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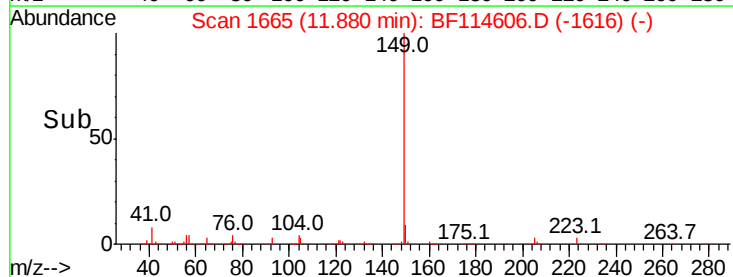
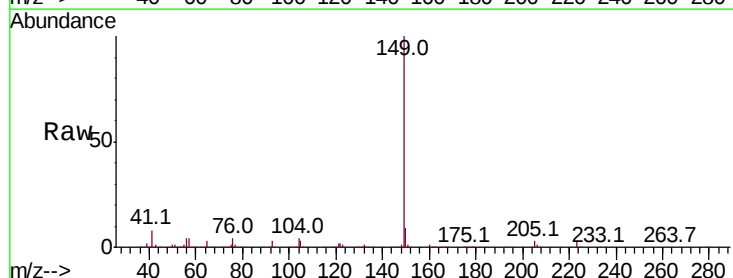
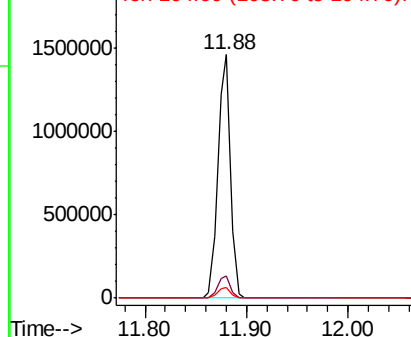
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

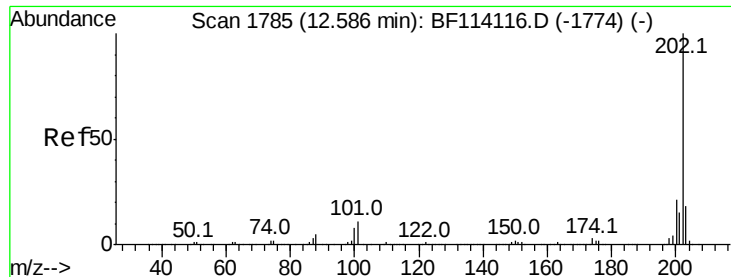


#74
 Di-n-butylphthalate
 Concen: 48.237 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.2	3.6	5.4

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





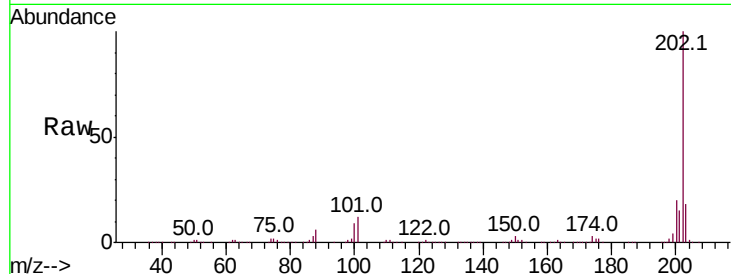
#75
 Fluoranthene
 Concen: 45.964 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1163482		
101	11.5	0.0	31.0	
203	17.8	0.0	38.4	

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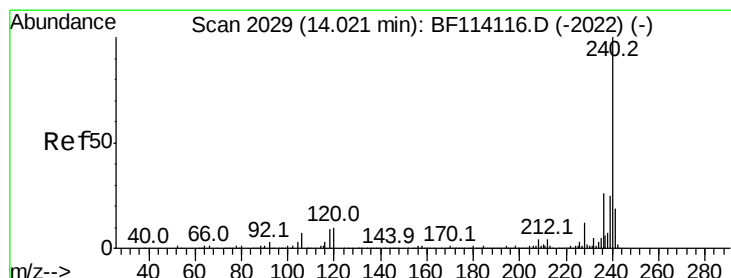
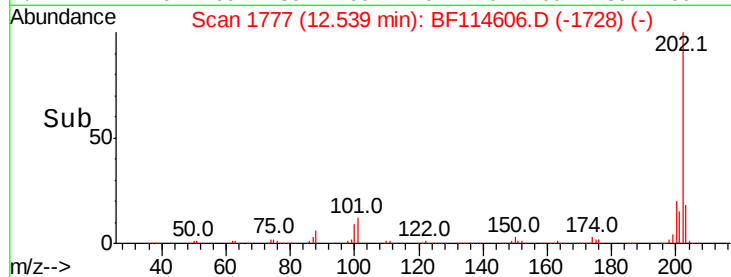
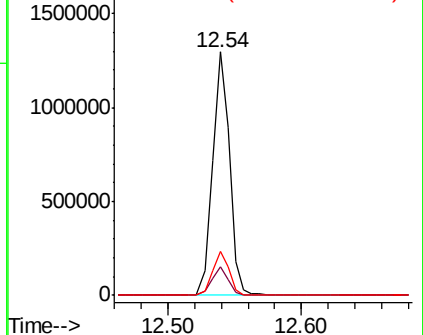


Abundance

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: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

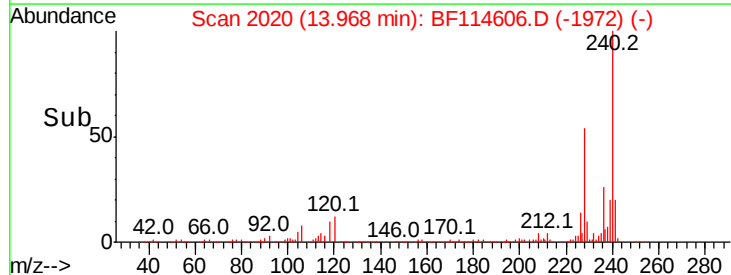
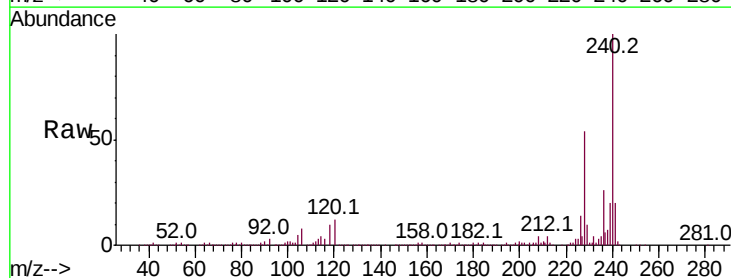
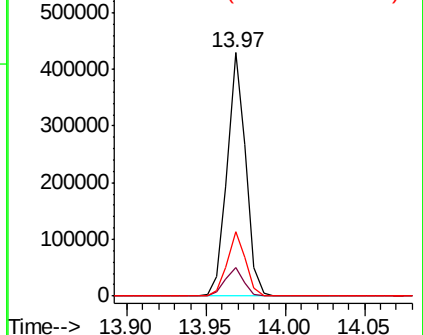
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	348079		
120	11.9	8.3	12.5	
236	26.4	20.8	31.2	

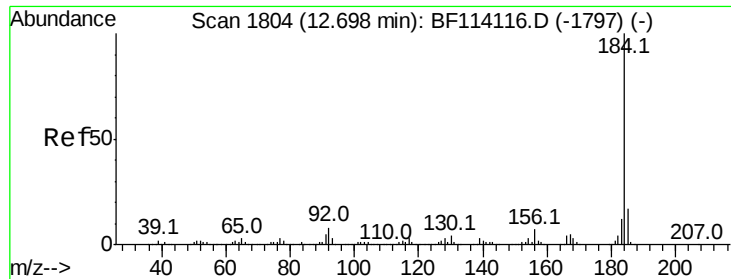
Abundance

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: 37.402 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

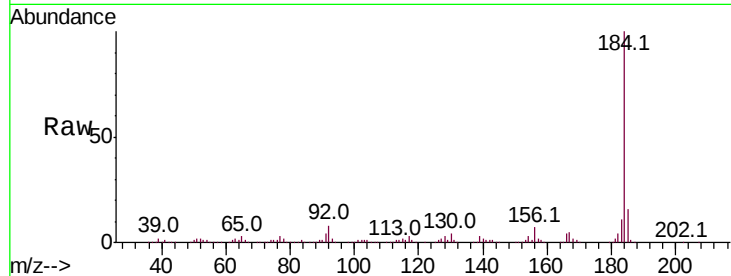
ClientSampleId :

PB119807BSD

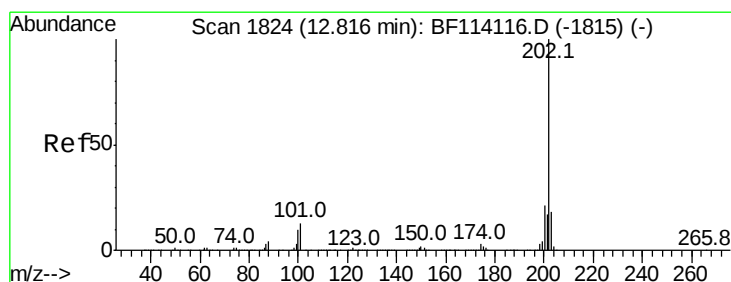
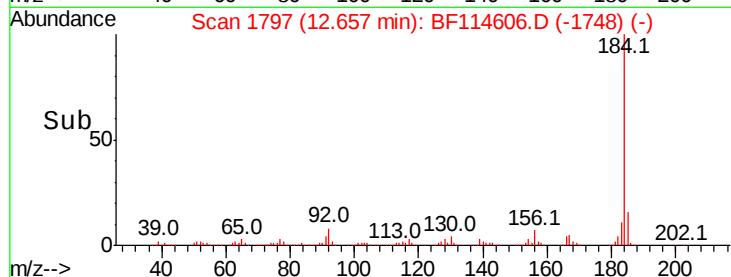
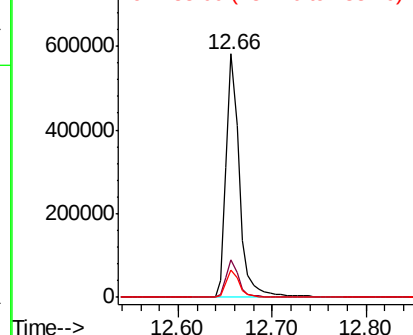
Tot Ion:	184	Resp:	584397
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.6	20.4
183	11.0	9.2	13.8

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



#78

Pyrene

Concen: 41.871 ng

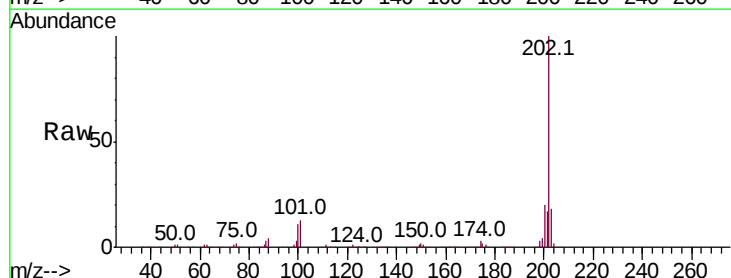
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

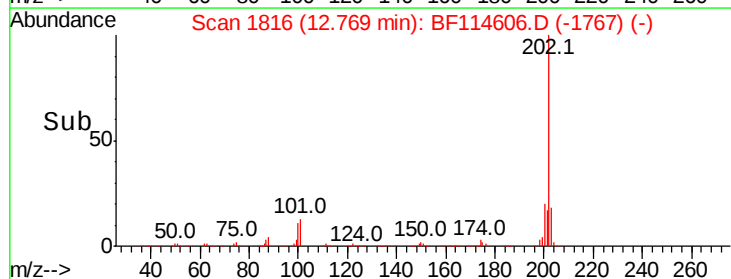
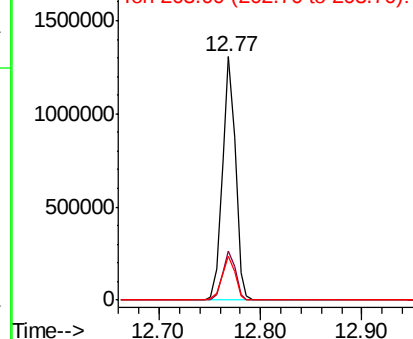
Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	202	Resp:	1172430
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.9	25.3
203	17.9	14.5	21.7



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





#79

Terphenyl-d14

Concen: 92.825 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

PB119807BSD

Tot Ion:244 Resp: 1567373

Ion Ratio Lower Upper

244 100

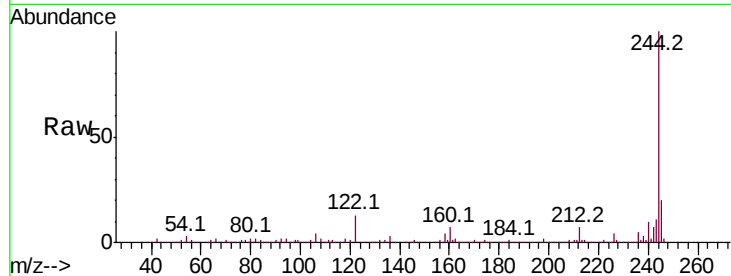
212 7.0 5.8 8.6

122 13.0 9.4 14.2

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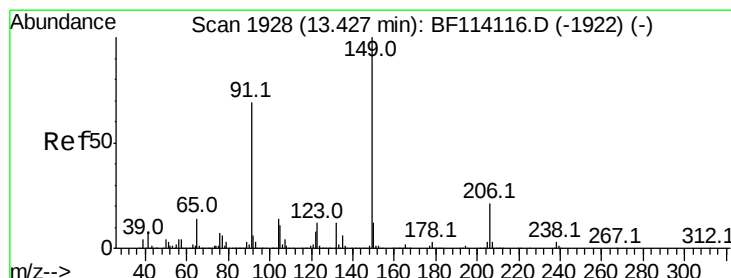
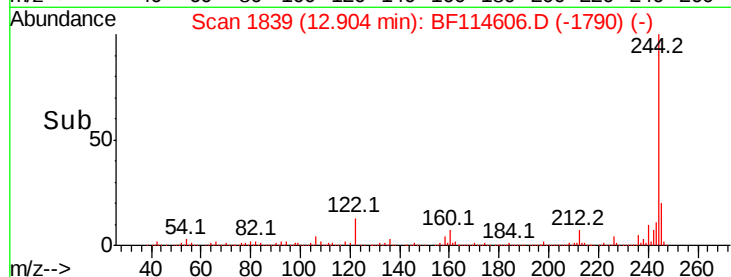
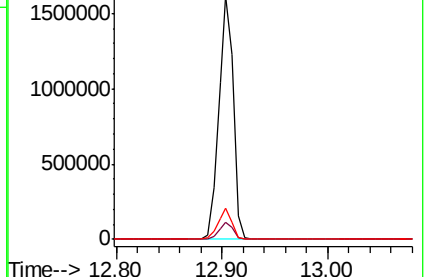
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.683 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

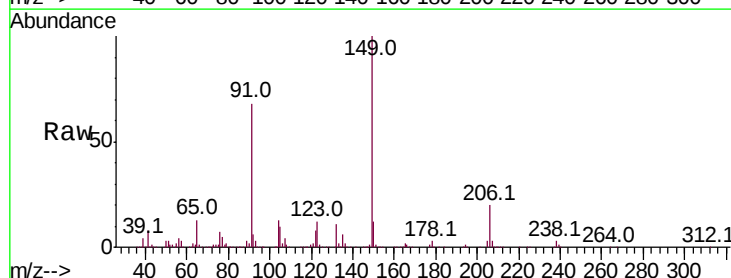
Tgt Ion:149 Resp: 550206

Ion Ratio Lower Upper

149 100

91 67.6 55.0 82.4

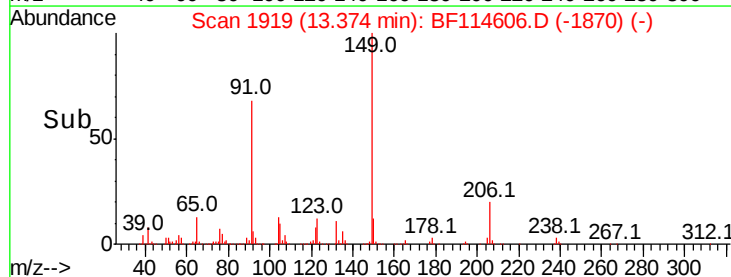
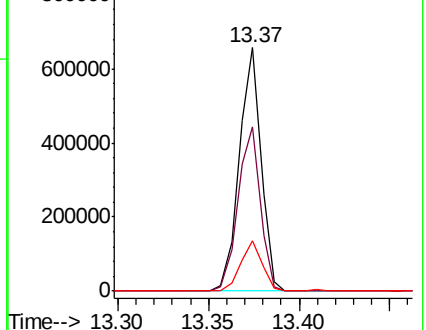
206 20.5 16.9 25.3

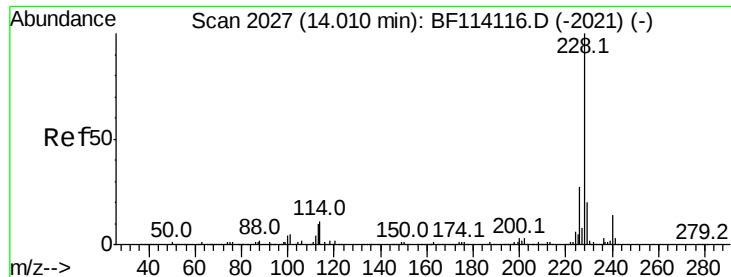


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.990 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

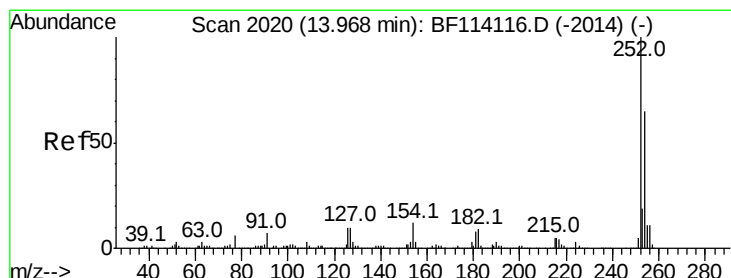
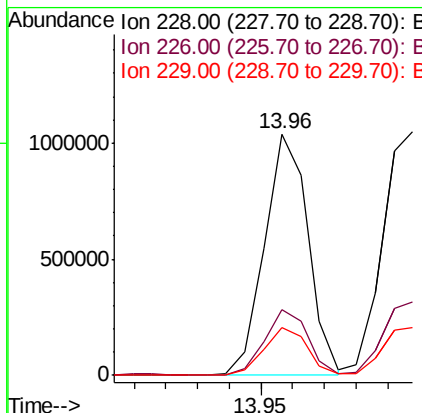
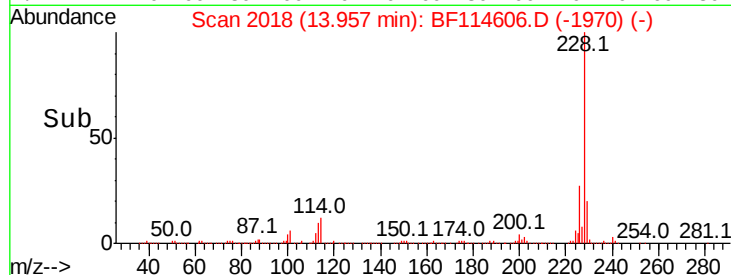
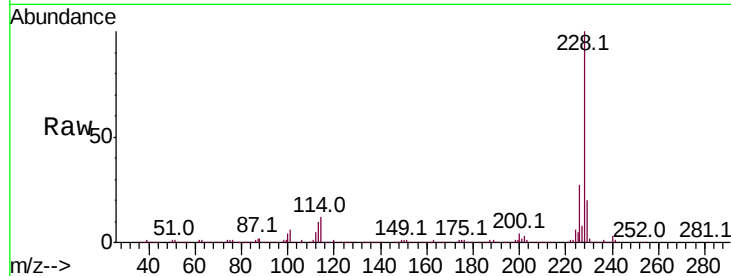
ClientSampleId :

PB119807BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.3		22.2	33.2	
229	19.7		16.4	24.6	

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#82

3,3'-Dichlorobenzidine

Concen: 32.623 ng

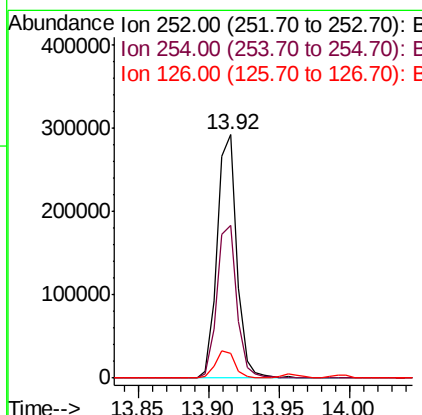
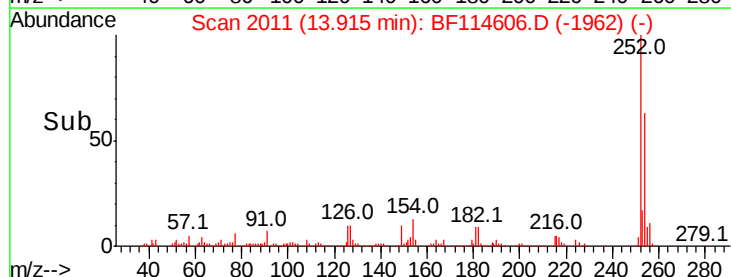
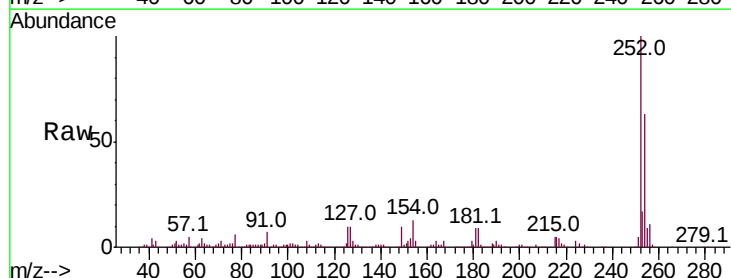
RT: 13.92 min Scan# 2011

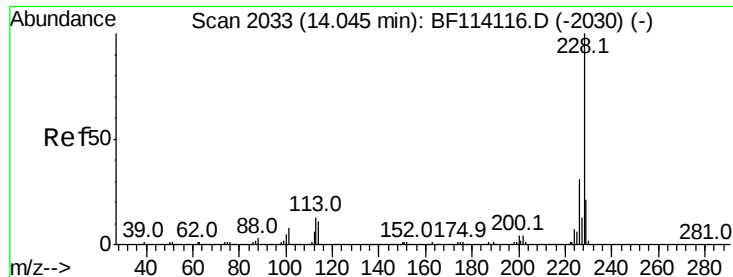
Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	62.9		51.9	77.9	
126	9.9		7.9	11.9	





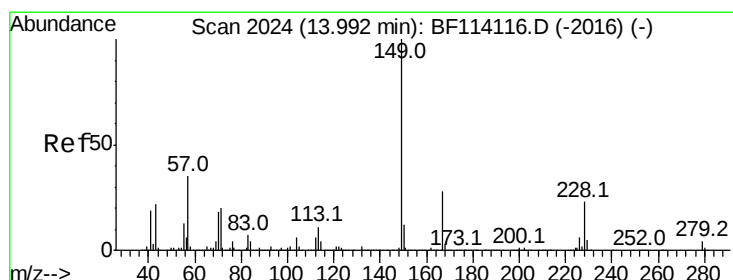
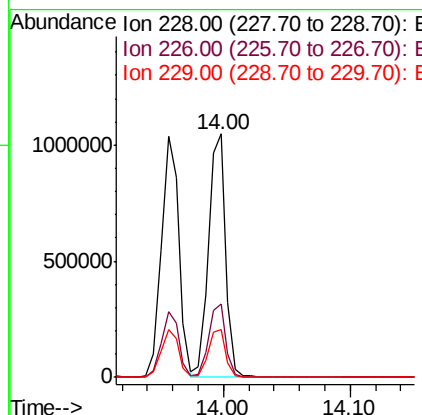
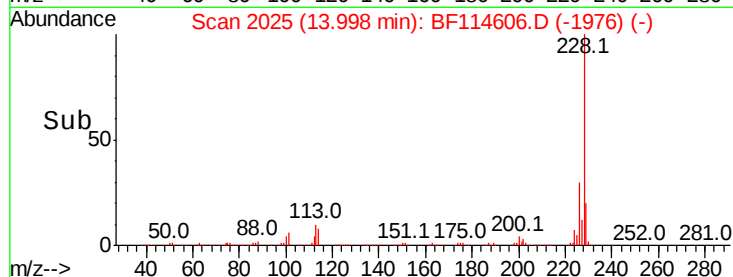
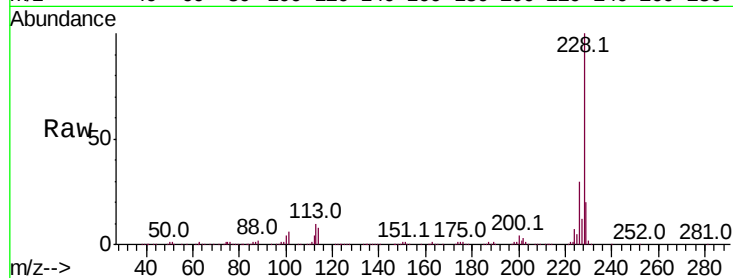
#83
 Chrvsene
 Concen: 44.625 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB119807BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	984863		
226	29.9	25.0	37.6	
229	19.7	17.0	25.6	

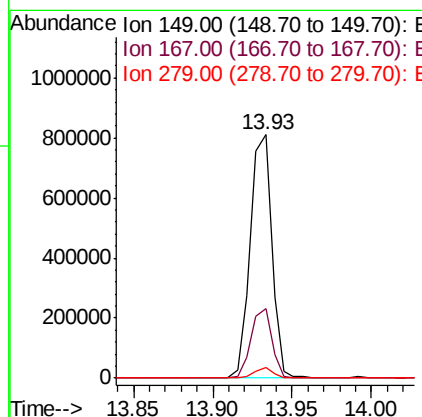
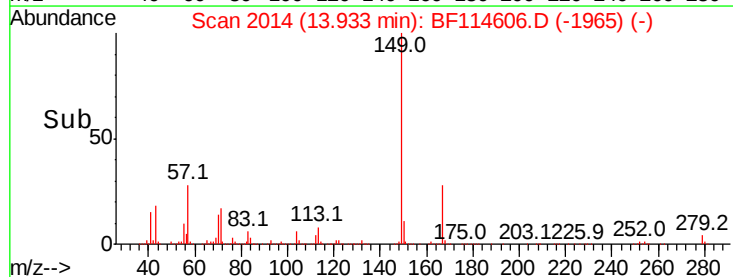
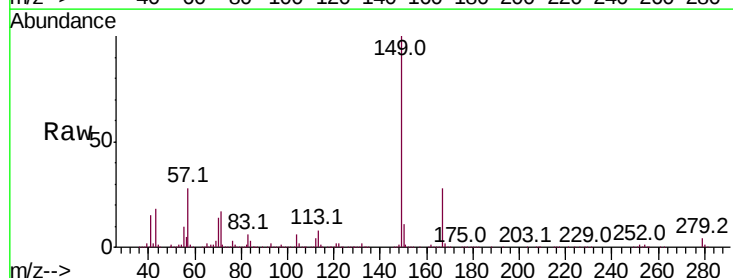
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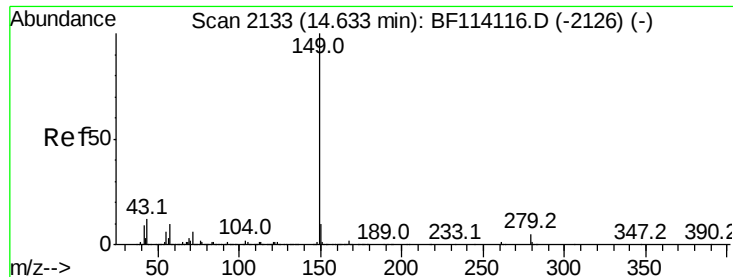
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.974 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770329		
167	28.3	22.6	33.8	
279	4.2	3.0	4.6	





#85

Di-n-octyl phthalate

Concen: 51.934 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

PB119807BSD

Tot Ion:149 Resp: 1297730

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

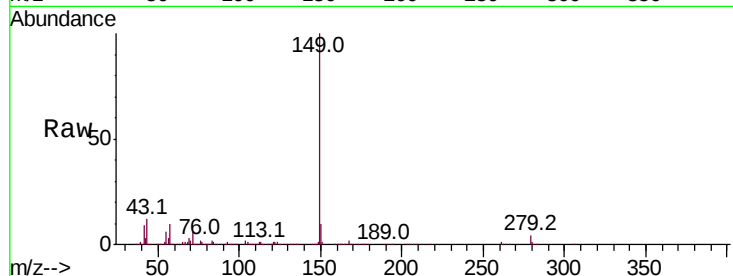
43 11.6 10.1 15.1

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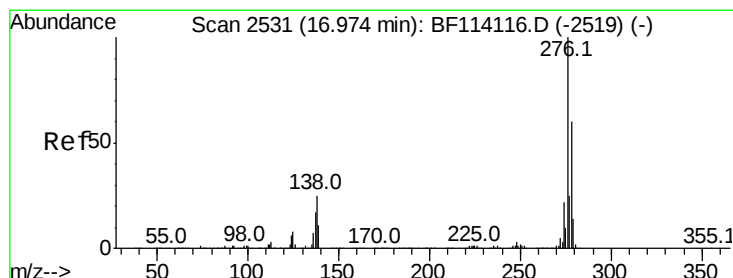
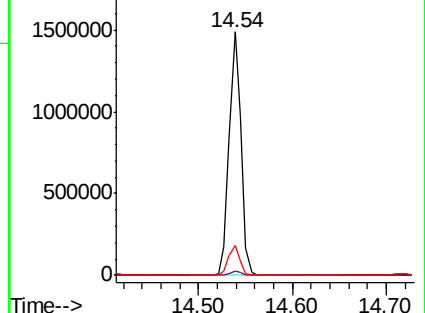
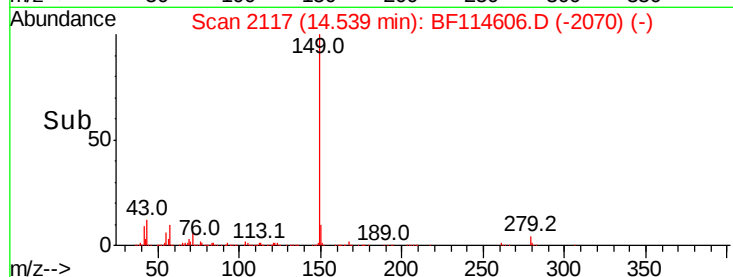
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.511 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

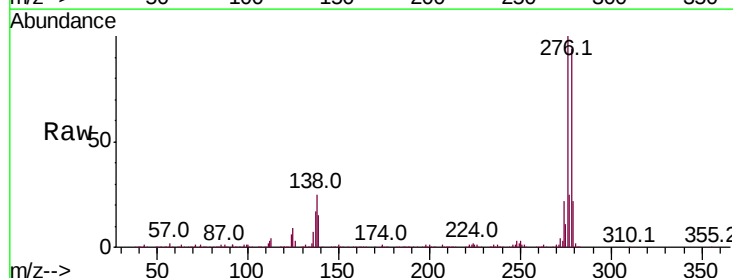
Tgt Ion:276 Resp: 946187

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

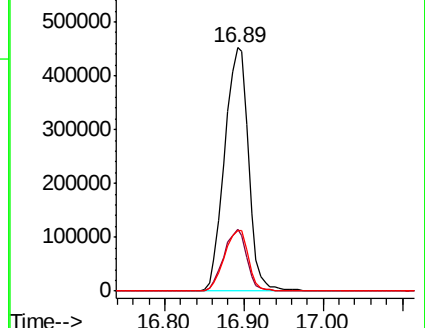
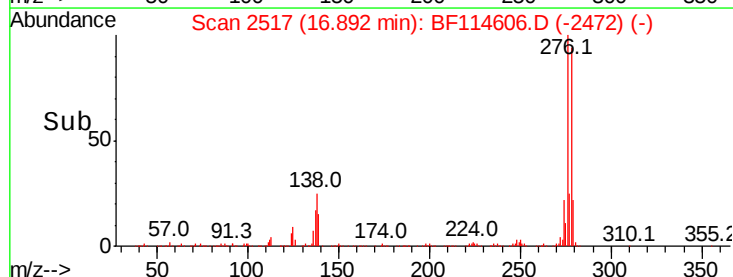
277 25.1 20.0 30.0

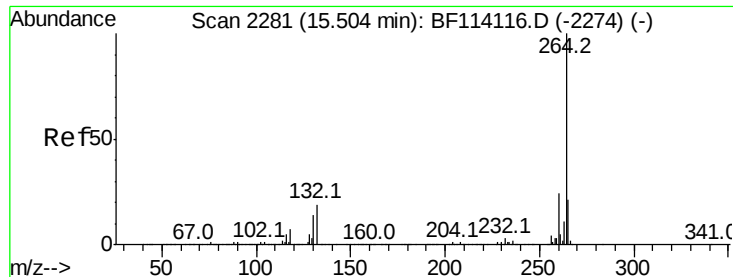


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

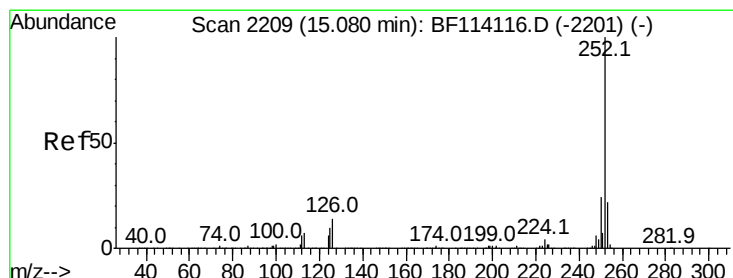
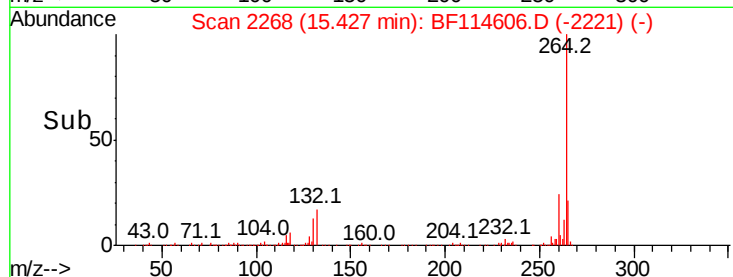
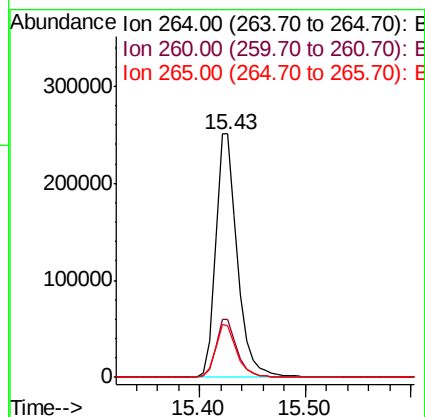
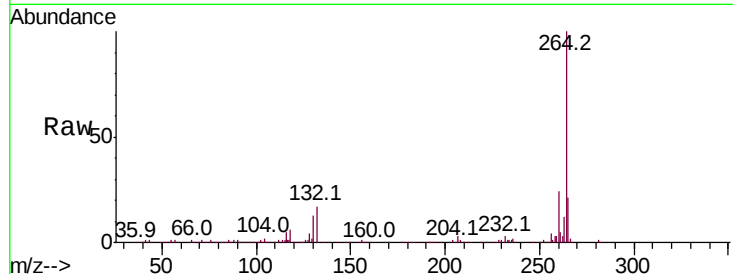
ClientSampleId :

PB119807BSD

Tot Ion:	264	Resp:	361570
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.0
265	21.0	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 41.801 ng

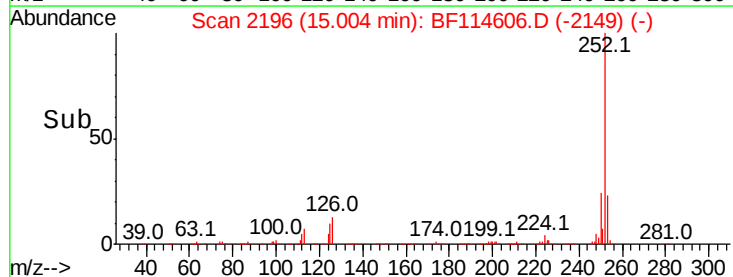
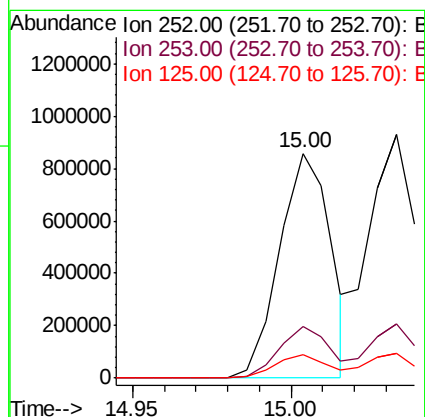
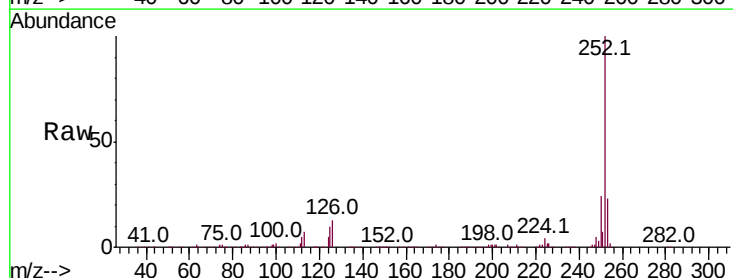
RT: 15.00 min Scan# 2196

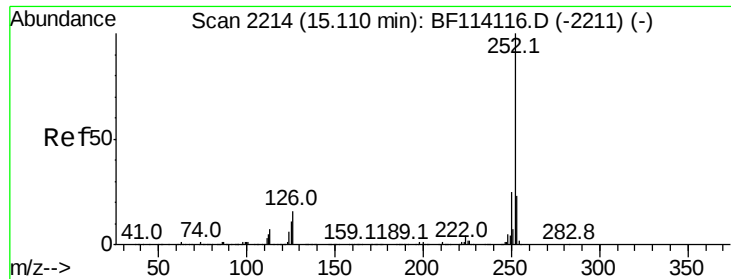
Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	252	Resp:	968280
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	10.4	8.3	12.5





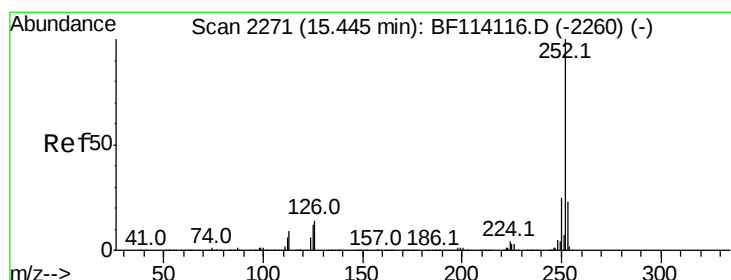
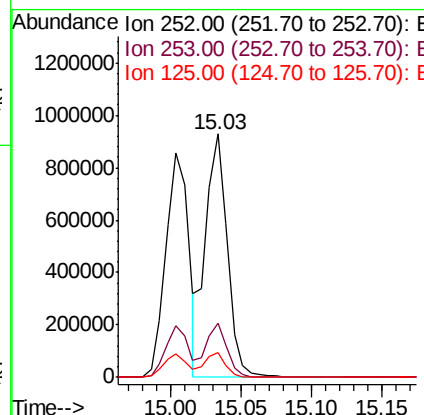
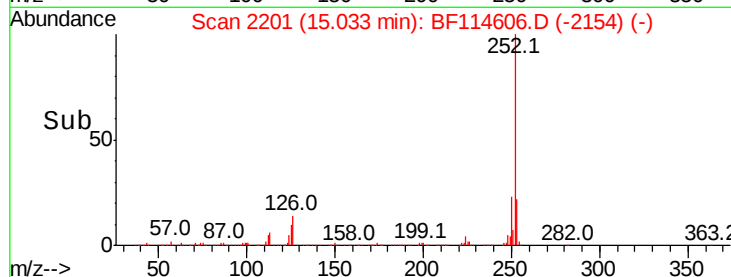
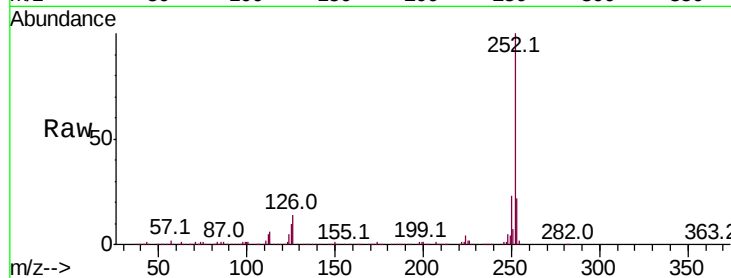
#89
Benzo(k)fluoranthene
Concen: 47.019 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :
PB119807BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.2	8.6	13.0

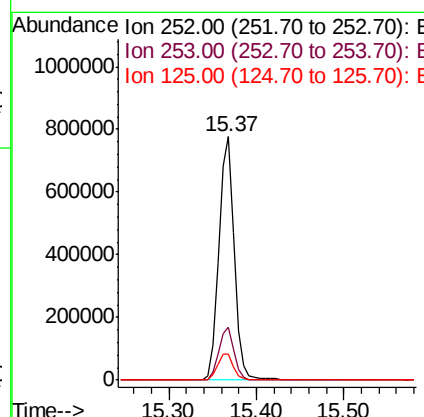
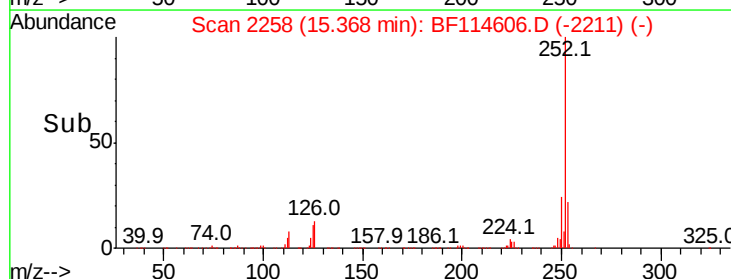
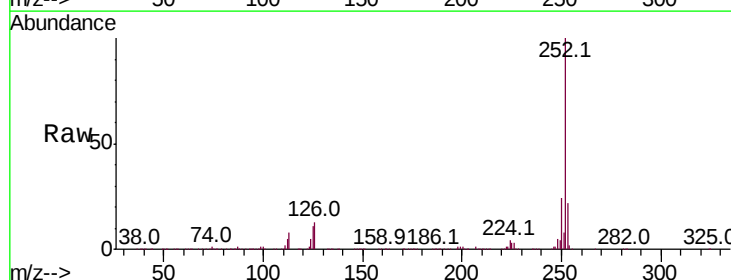
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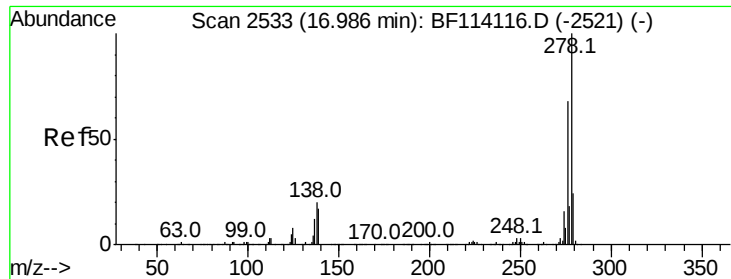
mohammad
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#90
Benzo(a)pyrene
Concen: 46.615 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.8	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.648 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

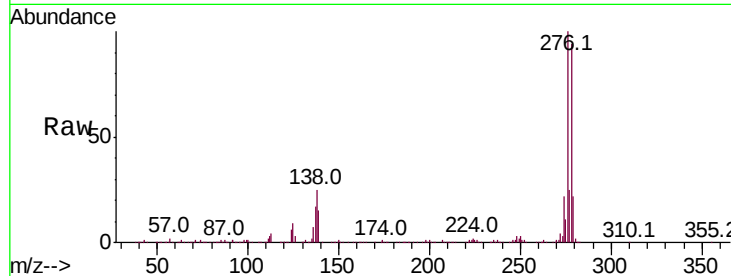
ClientSampleId :

PB119807BSD

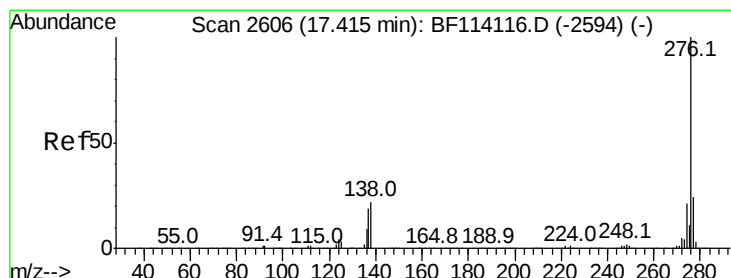
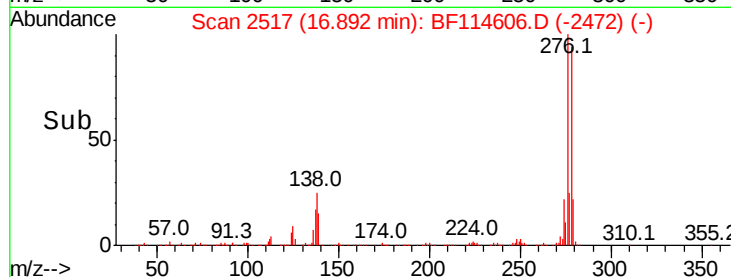
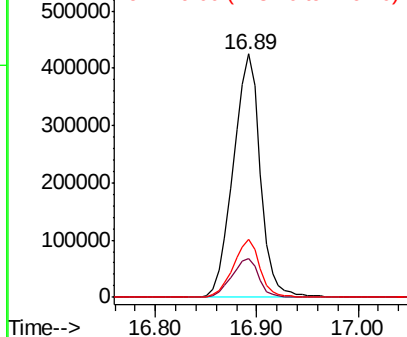
Tot Ion:	278	Resp:	790224
Ion Ratio	Lower	Upper	
278	100		
139	15.8	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:49:51 AM



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: 47.024 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:	276	Resp:	798314
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	21.0	17.8	26.6

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

