

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114710.D
 Acq On : 31 May 2019 16:05
 Operator : HP/JU
 Sample : K3072-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:49:31 AM

Quant Time: Jun 01 00:58:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	341950	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1306448	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	650071	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1308144	20.00	ng	0.00
76) Chrysene-d12	13.82	240	819653	20.00	ng	0.00
87) Perylene-d12	15.21	264	957230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	2373624	121.87	ng	0.02
7) Phenol-d6	6.34	99	3009050	128.21	ng	0.01
23) Nitrobenzene-d5	7.26	82	1868873	89.25	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	867441	140.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2980965	86.40	ng	0.00
79) Terphenyl-d14	12.78	244	3511068	80.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	361805	38.710	ng	98
3) Pyridine	3.09	79	682911	25.106	ng	97
4) n-Nitrosodimethylamine	3.02	42	439679	39.943	ng	93
6) Aniline	6.36	93	607008	17.122	ng	# 59
8) 2-Chlorophenol	6.49	128	1024095	45.530	ng	97
9) Benzaldehyde	6.24	77	438264	30.981	ng	95
10) Phenol	6.35	94	1188227	41.910	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	929295	42.851	ng	96
12) 1,3-Dichlorobenzene	6.64	146	1078016	42.067	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1095234	42.603	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1033380	44.152	ng	99
15) Benzyl Alcohol	6.84	79	840509	45.528	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1309287	39.362	ng	99
17) 2-Methylphenol	6.96	107	851264	44.747	ng	99
18) Hexachloroethane	7.21	117	391286	40.200	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	658499	40.648	ng	97
20) 3+4-Methylphenols	7.11	107	975756	43.610	ng	92
22) Acetophenone	7.10	105	1328928	47.741	ng	# 98
24) Nitrobenzene	7.28	77	1039342	46.724	ng	91
25) Isophorone	7.52	82	1883687	44.823	ng	98
26) 2-Nitrophenol	7.59	139	565364	52.215	ng	100
27) 2,4-Dimethylphenol	7.64	122	923128	51.263	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1174690	43.911	ng	100
29) 2,4-Dichlorophenol	7.84	162	891798	48.654	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	948229	45.408	ng	99
31) Naphthalene	8.00	128	2742094	45.567	ng	100
32) Benzoic acid	7.75	122	340261m	29.091	ng	
33) 4-Chloroaniline	8.04	127	253540	8.843	ng	98
34) Hexachlorobutadiene	8.13	225	501809	43.257	ng	99
35) Caprolactam	8.42	113	289720m	46.838	ng	
36) 4-Chloro-3-methylphenol	8.53	107	926282	50.392	ng	98
37) 2-Methylnaphthalene	8.69	142	1899360	47.504	ng	100
38) 1-Methylnaphthalene	8.79	142	1808214	47.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	799995	46.211	ng	99

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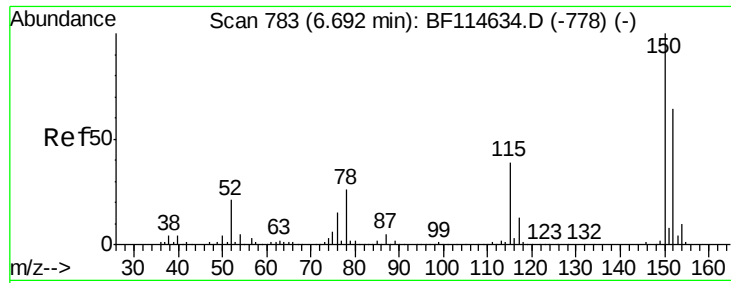
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	968173	84.630	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	640649	47.032	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	694939	51.125	nq	98
46) 1,1'-Biphenyl	9.15	154	2199548	45.581	nq	100
47) 2-Chloronaphthalene	9.17	162	1799438	45.459	nq	99
48) 2-Nitroaniline	9.27	65	566584	46.383	nq	90
49) Acenaphthylene	9.59	152	2777473	45.419	nq	99
50) Dimethylphthalate	9.46	163	2610469	57.629	nq	99
51) 2,6-Dinitrotoluene	9.51	165	526421	50.014	nq	97
52) Acenaphthene	9.76	154	1838653	49.027	nq	99
53) 3-Nitroaniline	9.67	138	278243	21.599	nq	96
54) 2,4-Dinitrophenol	9.78	184	368592	88.780	nq	93
55) Dibenzofuran	9.93	168	2412823	45.198	nq	99
56) 4-Nitrophenol	9.85	139	957857	100.337	nq	98
57) 2,4-Dinitrotoluene	9.91	165	713361	52.808	nq	95
58) Fluorene	10.27	166	1726890	50.492	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	554482	49.836	nq	99
60) Diethylphthalate	10.16	149	2113002	45.672	nq	99
61) 4-Chlorophenyl-phenylether	10.26	204	850242	48.839	nq	99
62) 4-Nitroaniline	10.29	138	578052	46.049	nq	97
63) Azobenzene	10.43	77	1896285	44.643	nq	94
65) 4,6-Dinitro-2-methylphenol	10.32	198	261879	45.148	nq	89
66) n-Nitrosodiphenylamine	10.39	169	1764116	45.644	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	612049	43.630	nq	96
68) Hexachlorobenzene	10.82	284	668483	43.996	nq	93
69) Atrazine	10.92	200	611236	53.765	nq	98
70) Pentachlorophenol	11.01	266	703327	80.301	nq	97
71) Phenanthrene	11.23	178	2815032	42.185	nq	99
72) Anthracene	11.27	178	2914287	43.150	nq	99
73) Carbazole	11.43	167	2759721	46.494	nq	99
74) Di-n-butylphthalate	11.77	149	3099812	42.712	nq	99
75) Fluoranthene	12.40	202	2981921	43.155	nq	99
77) Benzidine	12.52	184	348718	10.332	nq	# 92
78) Pyrene	12.63	202	3003680	43.320	nq	99
80) Butylbenzylphthalate	13.26	149	1535124	44.055	nq	99
81) Benzo(a)anthracene	13.81	228	2652139	42.106	nq	99
82) 3,3'-Dichlorobenzidine	13.77	252	552246	22.703	nq	98
83) Chrysene	13.85	228	2654512	44.110	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1866145	43.319	nq	100
85) Di-n-octyl phthalate	14.43	149	3356800	44.848	nq	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	2606619	43.247	nq	99
88) Benzo(b)fluoranthene	14.82	252	2675563	44.378	nq	99
89) Benzo(k)fluoranthene	14.85	252	2402316	45.843	nq	99
90) Benzo(a)pyrene	15.16	252	2418558	45.664	nq	100
91) Dibenzo(a,h)anthracene	16.56	278	2137272	45.666	nq	99
92) Benzo(g,h,i)perylene	16.94	276	2239992	49.312	nq	98

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



#1

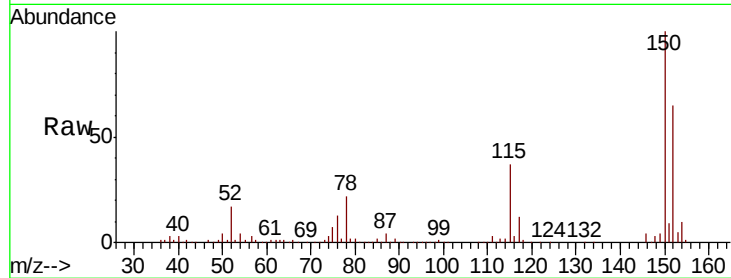
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.4	186.6
115	56.3	48.7	73.1

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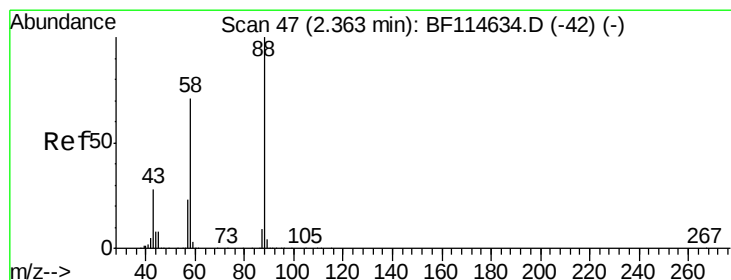
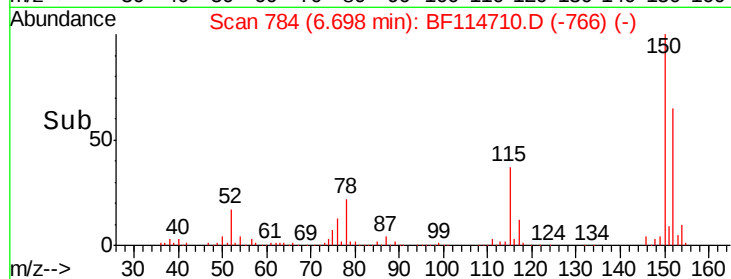
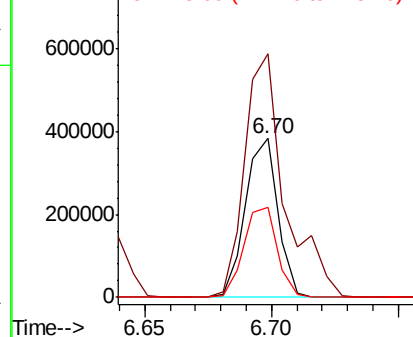


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

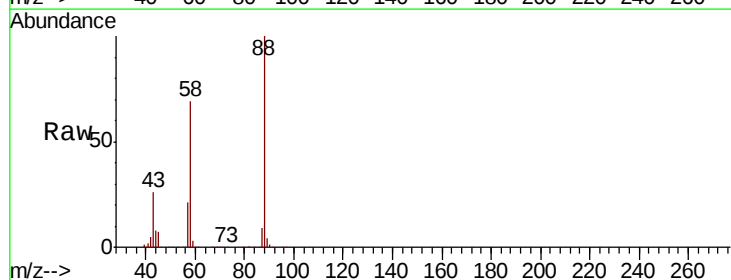
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.710 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	57.2	85.8
43	26.2	22.6	33.8

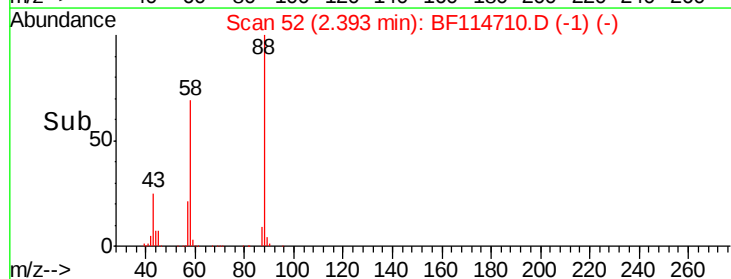
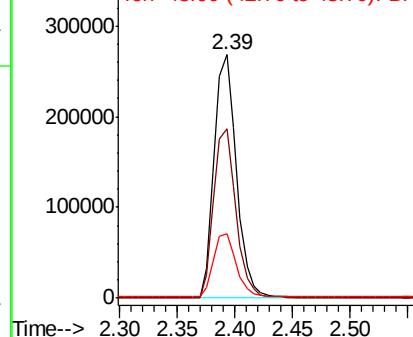


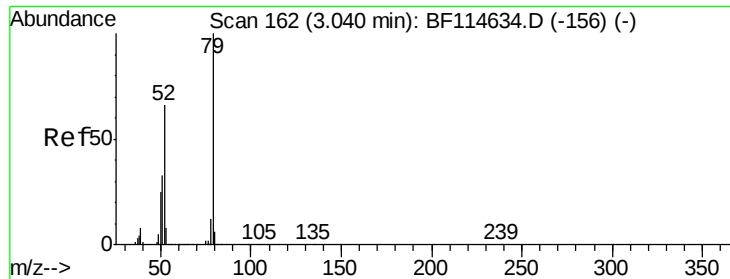
Abundance

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: 25.106 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.05 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

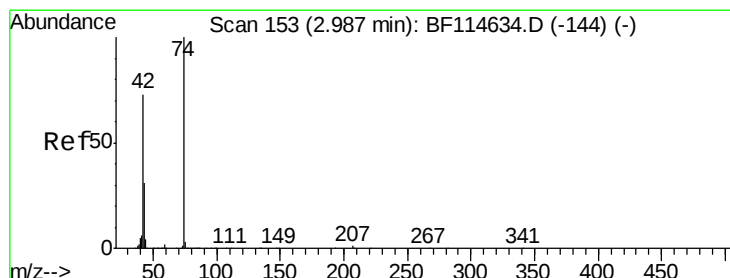
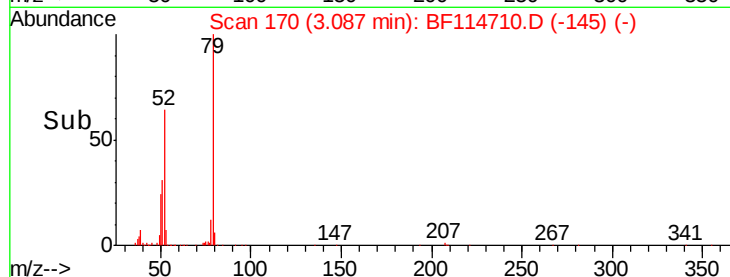
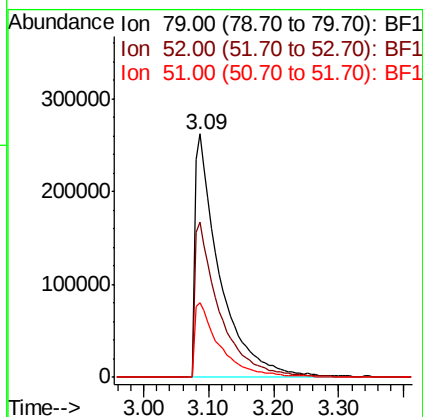
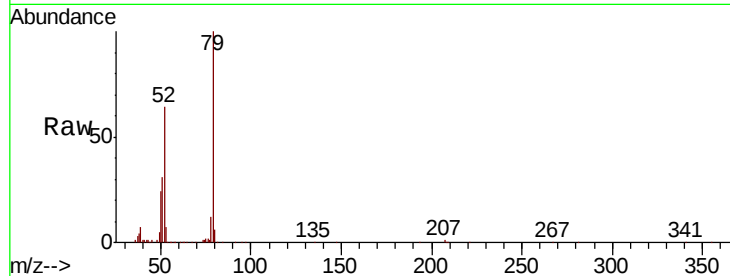
ClientSampleId :

TP-6MSD

Tot Ion:	79	Resp:	682911
Ion Ratio	Lower	Upper	
79	100		
52	63.6	52.8	79.2
51	30.7	26.3	39.5

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#4

n-Nitrosodimethylamine

Concen: 39.943 ng

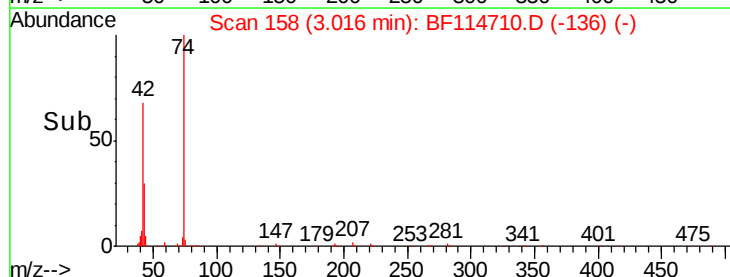
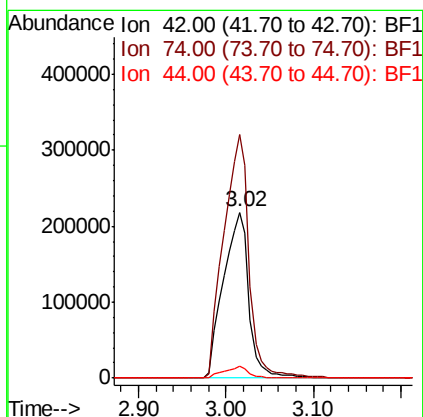
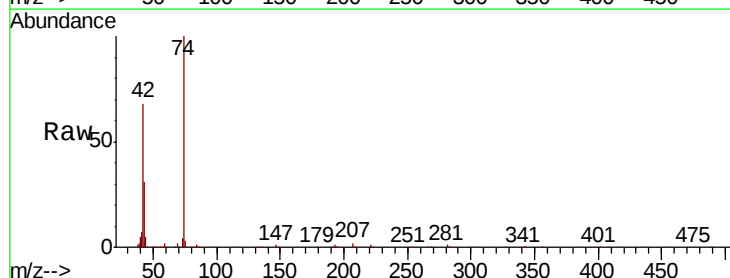
RT: 3.02 min Scan# 158

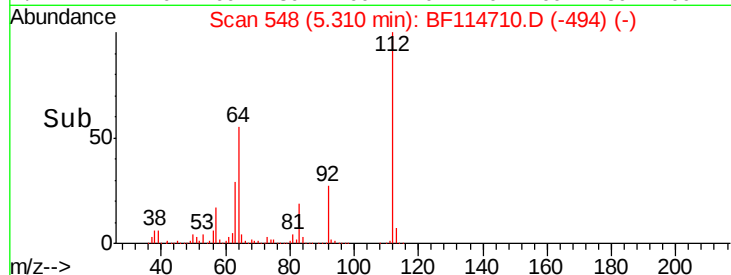
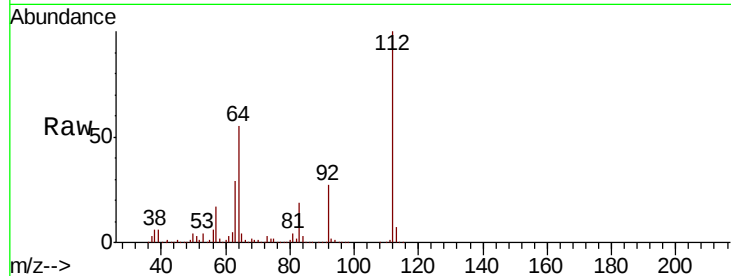
Delta R.T. 0.03 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	42	Resp:	439679
Ion Ratio	Lower	Upper	
42	100		
74	146.6	110.0	165.0
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 121.871 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tot Ion:	112	Resp:	2373624
Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.1	69.1
63	28.6	23.4	35.2

Instrument :

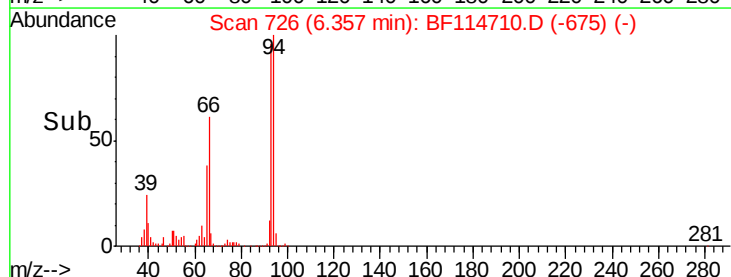
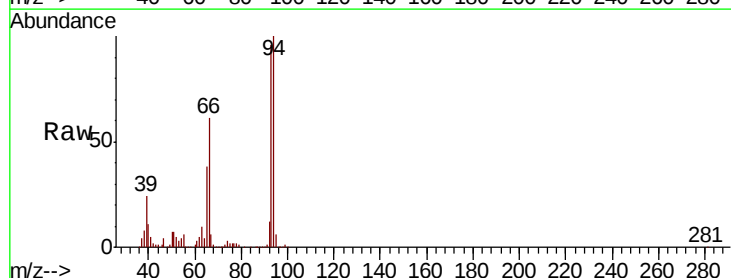
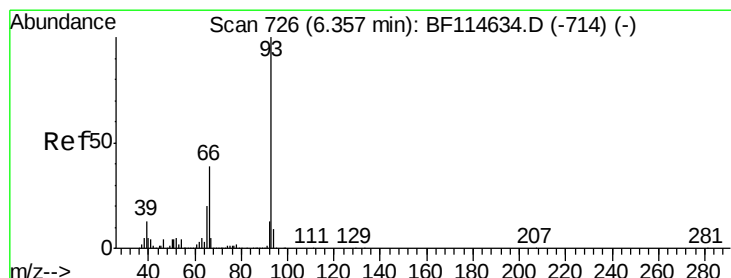
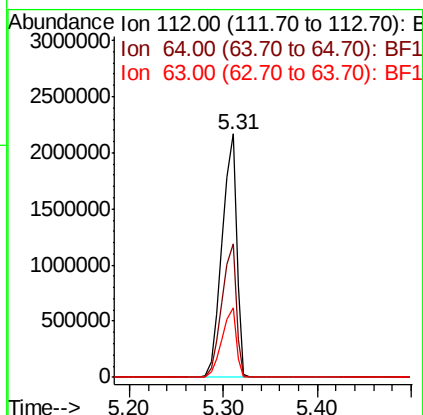
BNA_F

ClientSampled :

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#6

Aniline

Concen: 17.122 ng

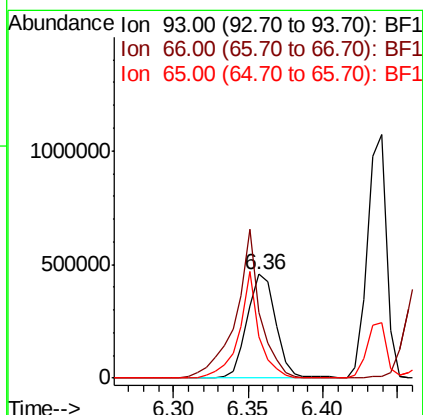
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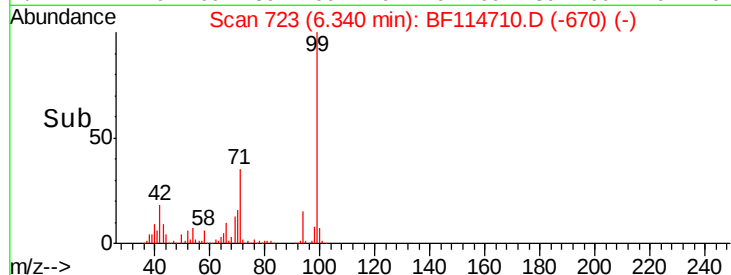
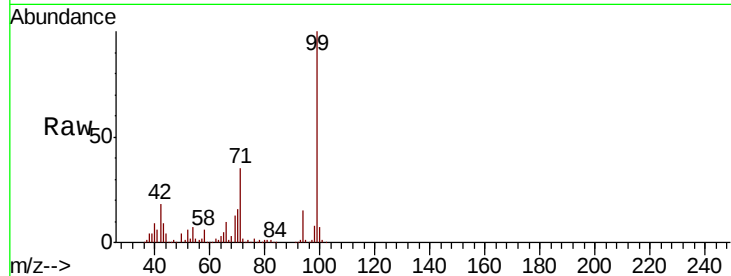
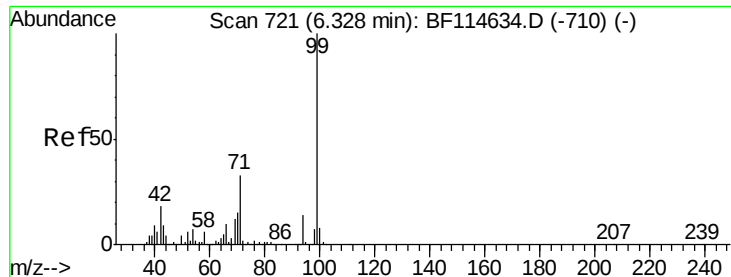
Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	93	Resp:	607008
Ion	Ratio	Lower	Upper
93	100		
66	63.4	31.4	47.2#
65	39.9	16.2	24.2#





#7

Phenol-d6

Concen: 128.209 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tot Ion:	99	Resp:	3009050
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	34.7	26.6	40.0

Instrument :

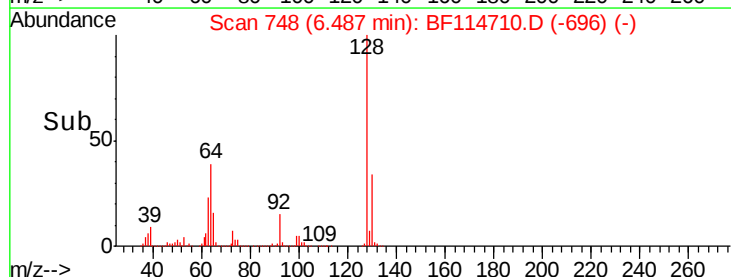
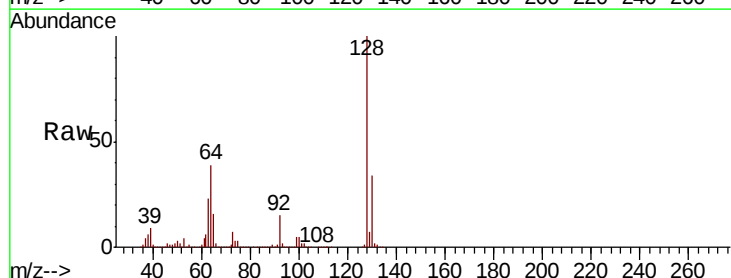
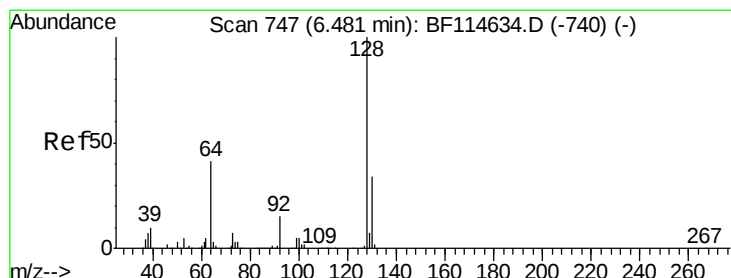
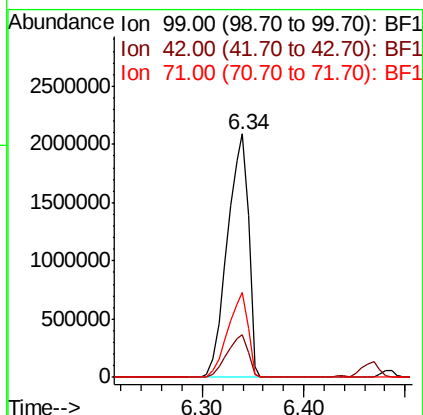
BNA_F

ClientSampled :

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#8

2-Chlorophenol

Concen: 45.530 ng

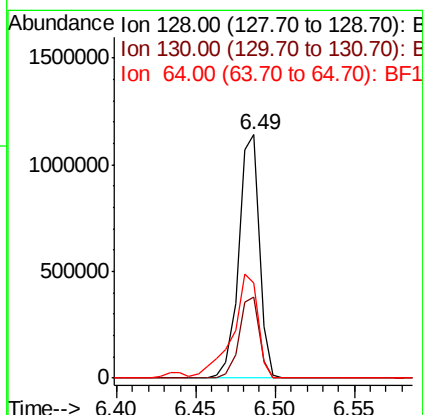
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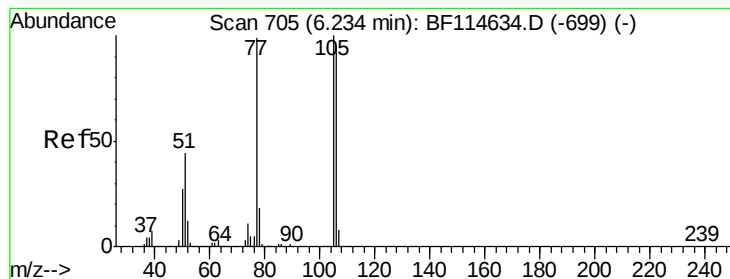
Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	128	Resp:	1024095
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.9	53.9
64	39.0	22.0	62.0





#9

Benzaldehyde

Concen: 30.981 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

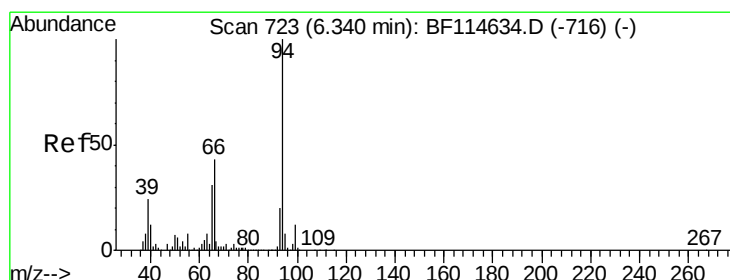
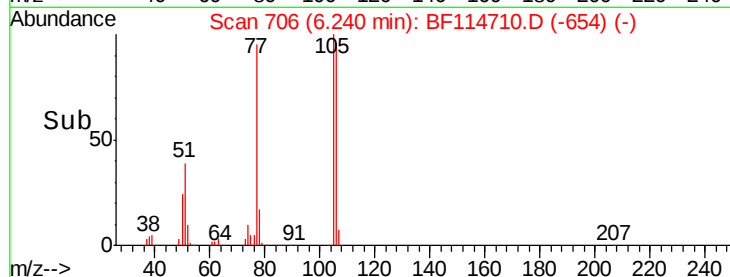
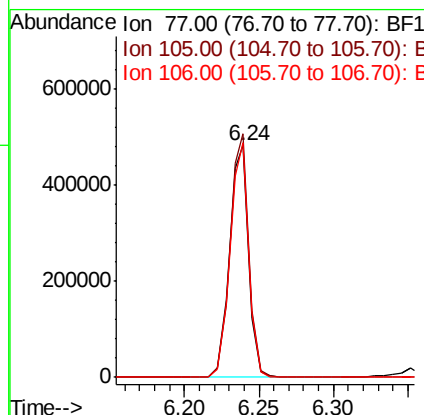
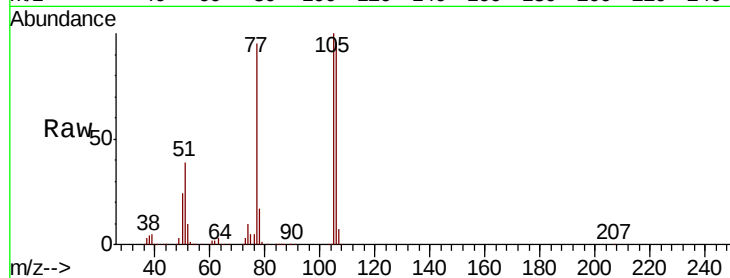
ClientSampleId :

TP-6MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	80.8	120.8
106	101.0	76.2	116.2

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#10

Phenol

Concen: 41.910 ng

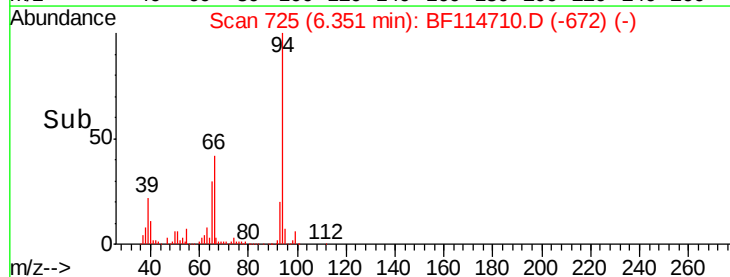
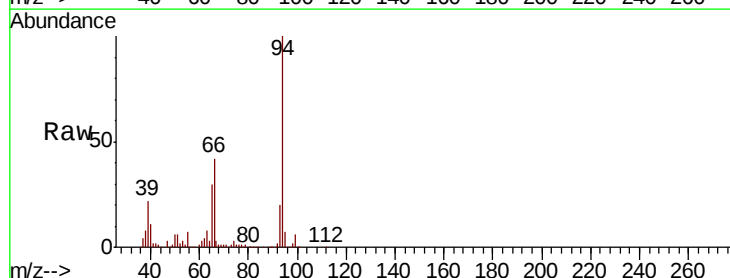
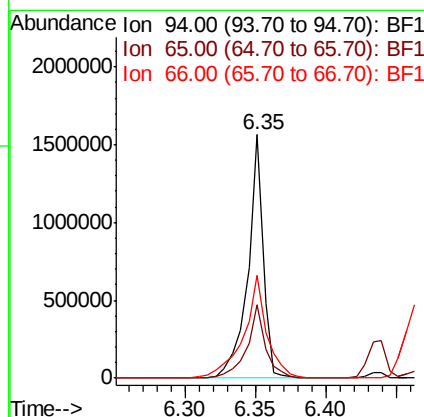
RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.0	51.0
66	42.0	23.0	63.0





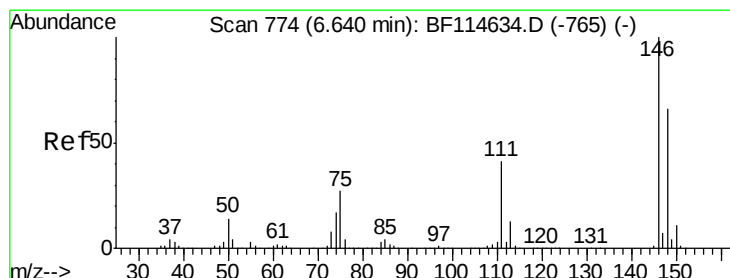
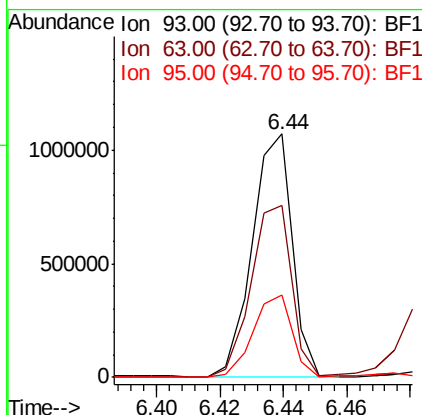
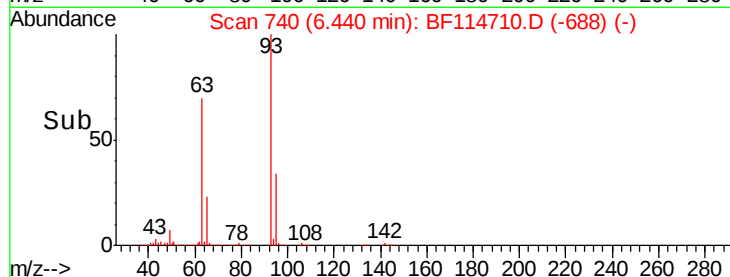
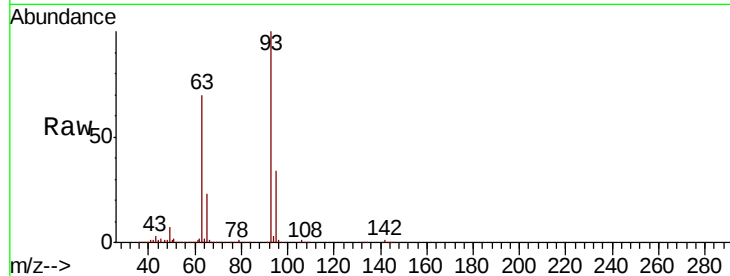
#11
bis(2-Chloroethyl)ether
Concen: 42.851 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	70.5	55.0	95.0	
95	33.7	13.5	53.5	

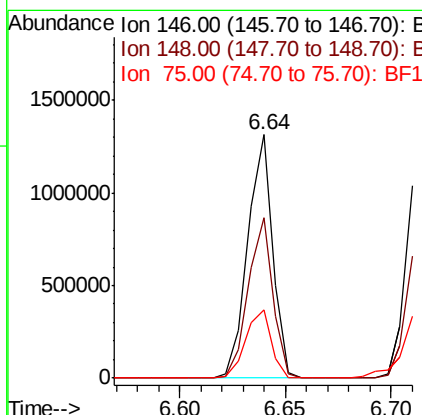
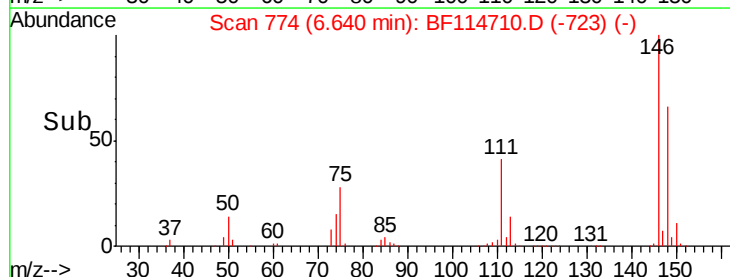
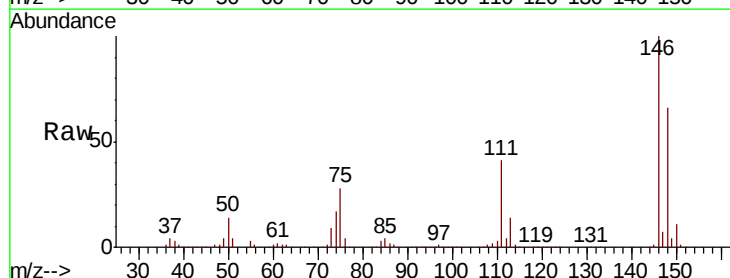
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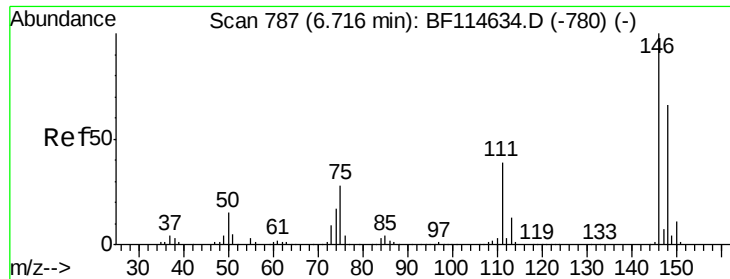
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.067 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.0	52.9	79.3	
75	28.0	22.0	33.0	





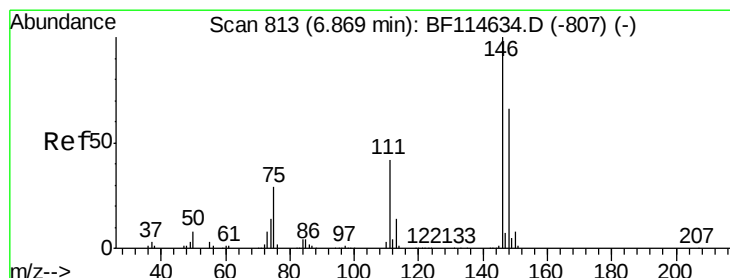
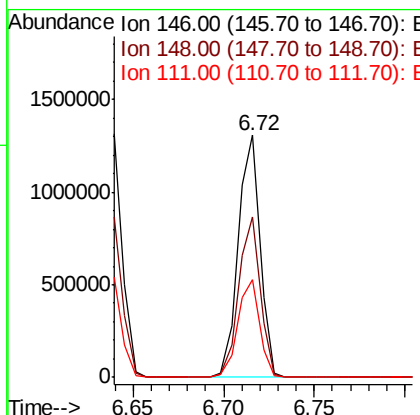
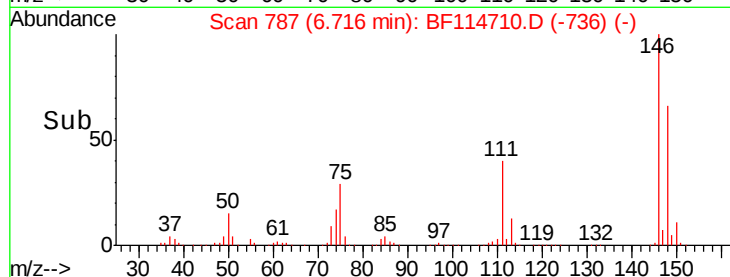
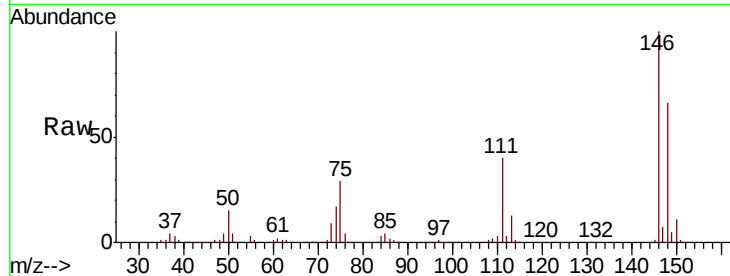
#13
 1,4-Dichlorobenzene
 Concen: 42.603 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tot Ion:146 Resp: 1095234
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.5 78.7
 111 40.4 31.4 47.2

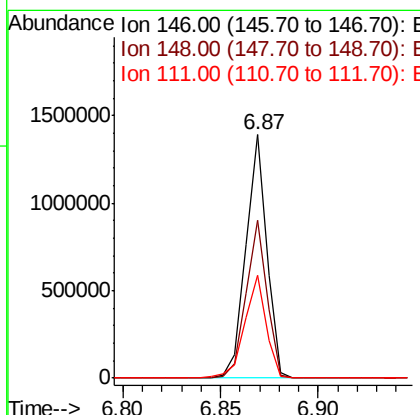
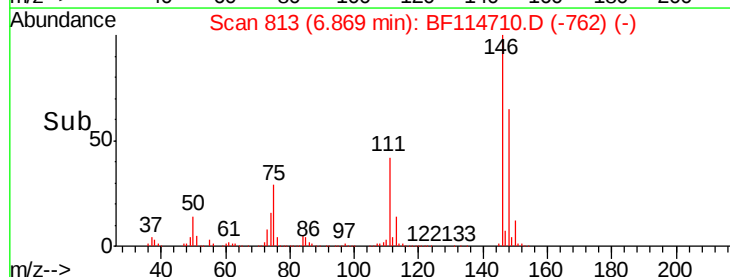
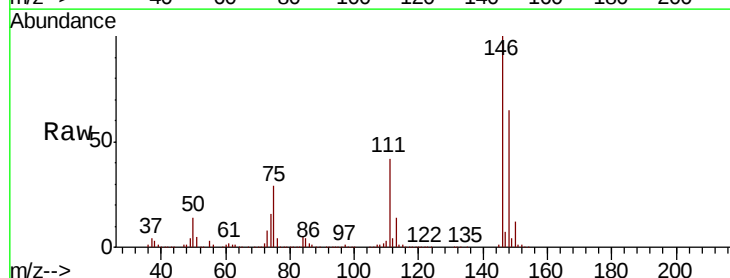
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#14
 1,2-Dichlorobenzene
 Concen: 44.152 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion:146 Resp: 1033380
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 42.2 34.1 51.1





#15

Benzyl Alcohol

Concen: 45.528 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion: 79 Resp: 840509

Ion Ratio Lower Upper

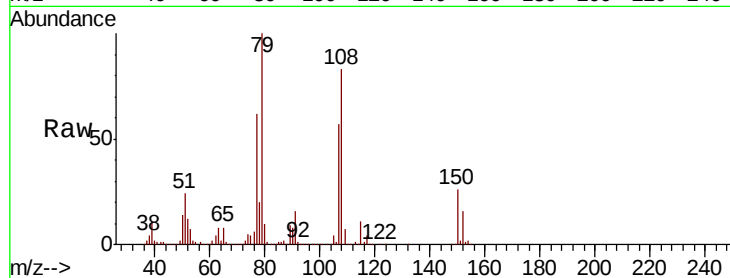
79 100

108 83.0 67.8 101.8

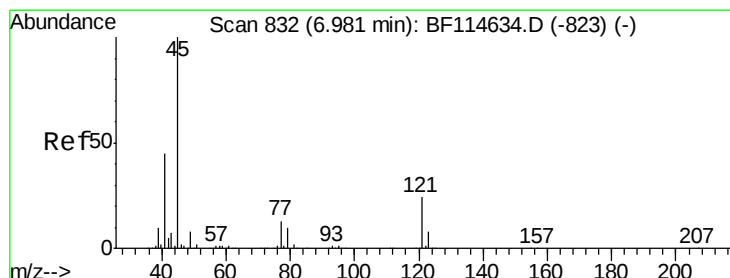
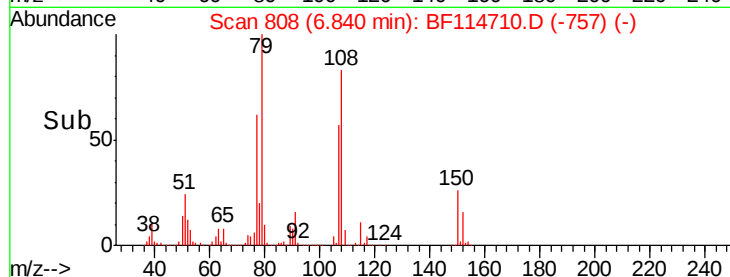
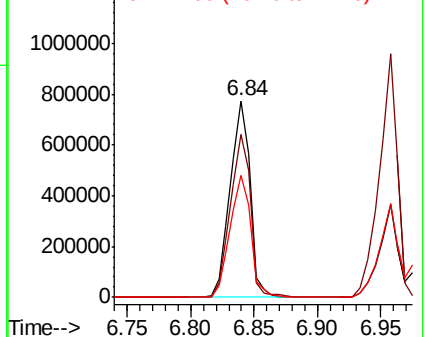
77 62.2 50.7 76.1

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.362 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

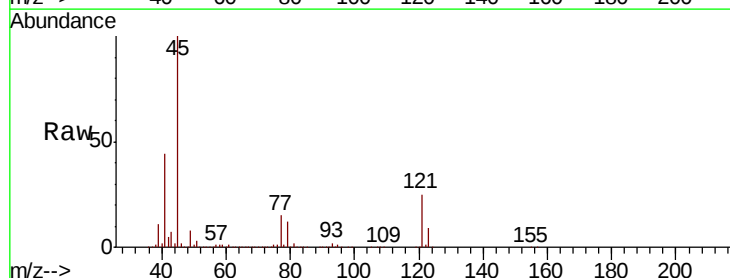
Tgt Ion: 45 Resp: 1309287

Ion Ratio Lower Upper

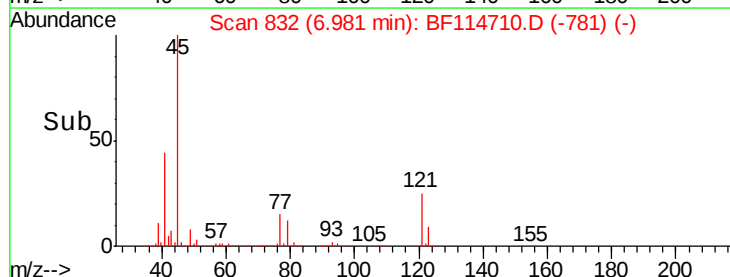
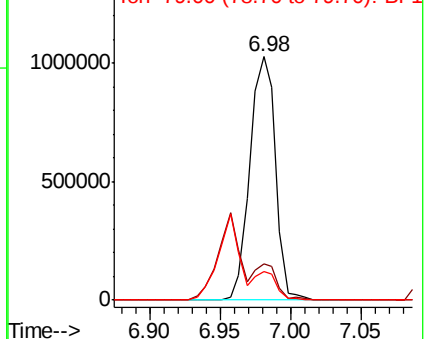
45 100

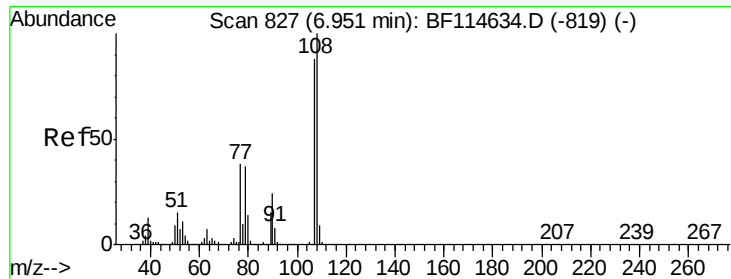
77 15.1 0.0 34.7

79 11.7 0.0 31.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.747 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

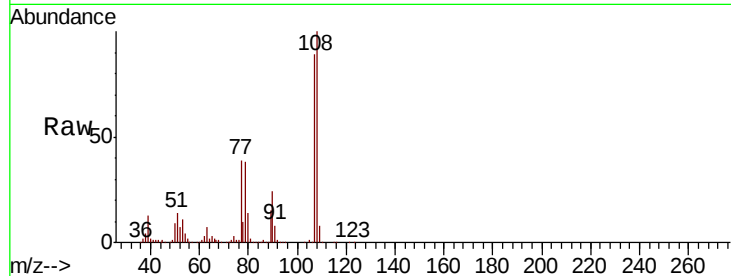
ClientSampleId :

TP-6MSD

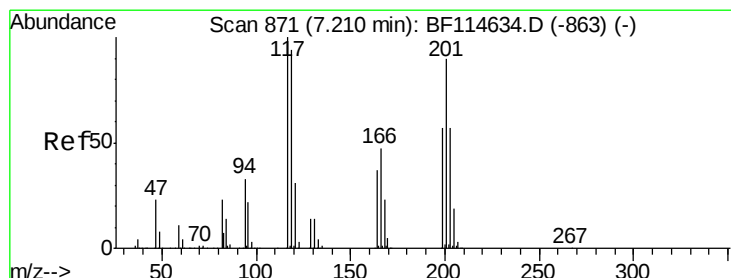
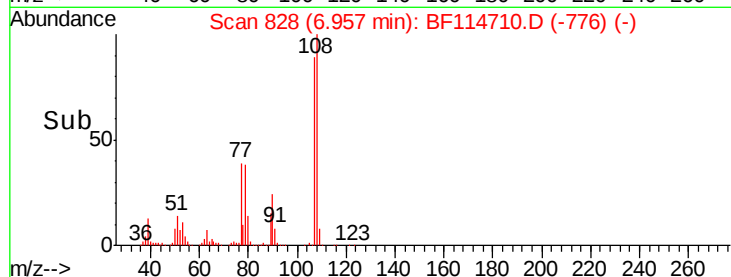
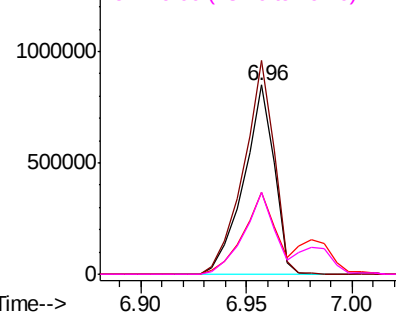
Tot Ion:	107	Resp:	851264
Ion Ratio	Lower	Upper	
107	100		
108	112.9	91.1	136.7
77	43.6	34.9	52.3
79	43.0	33.8	50.6

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Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.200 ng

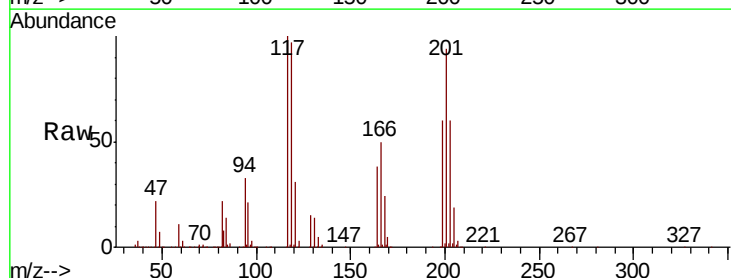
RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

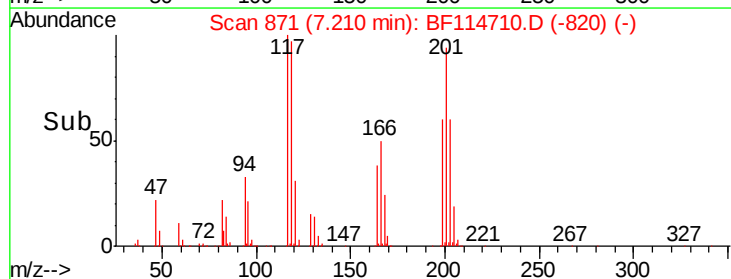
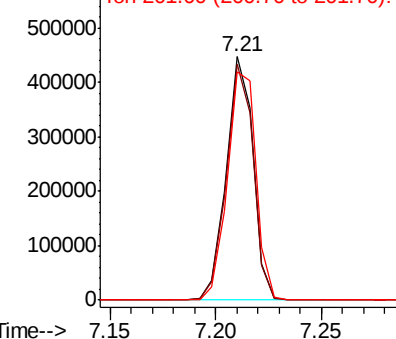
Lab File: BF114710.D

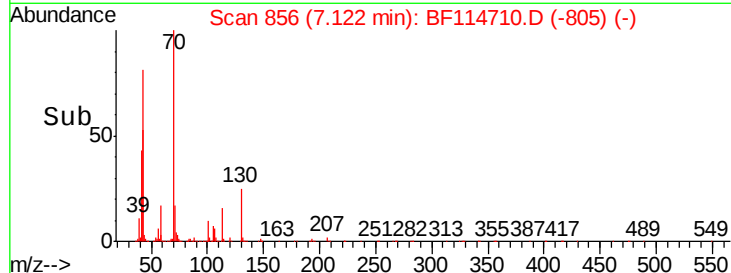
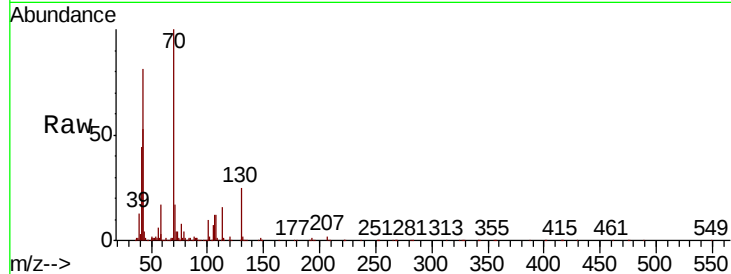
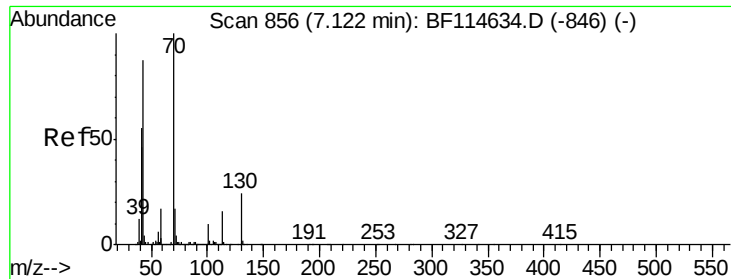
Acq: 31 May 2019 16:05

Tgt Ion:	117	Resp:	391286
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.6	113.4
201	93.9	71.7	107.5



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





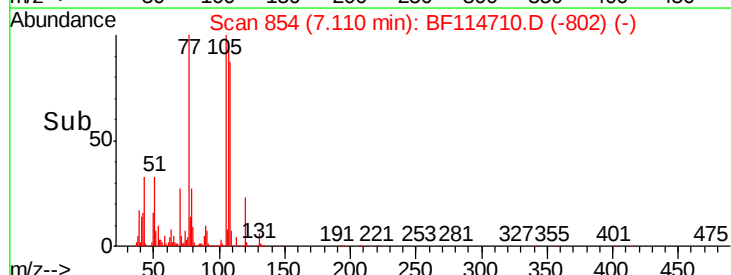
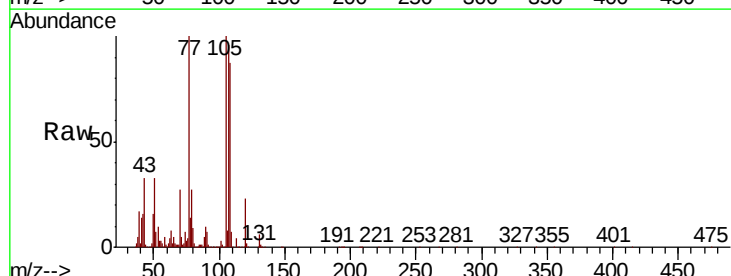
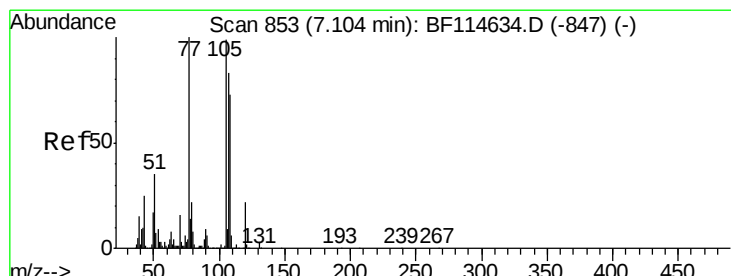
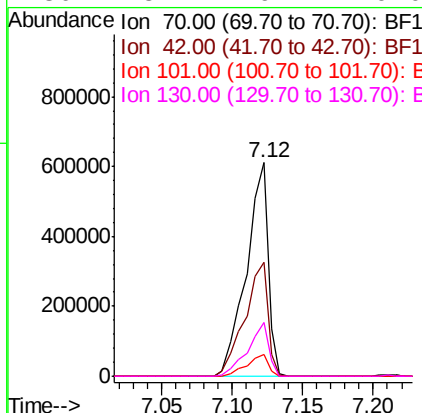
#19
n-Nitroso-di-n-propylamine
Concen: 40.648 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	44.4	66.6
101	10.4	8.2	12.4
130	25.2	19.4	29.0

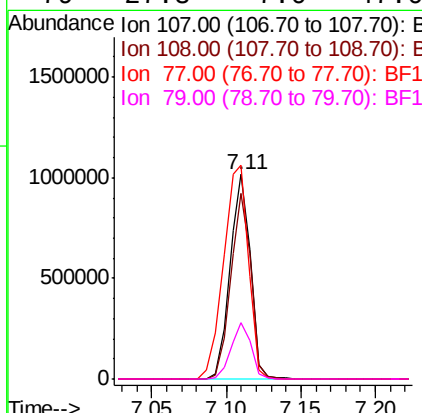
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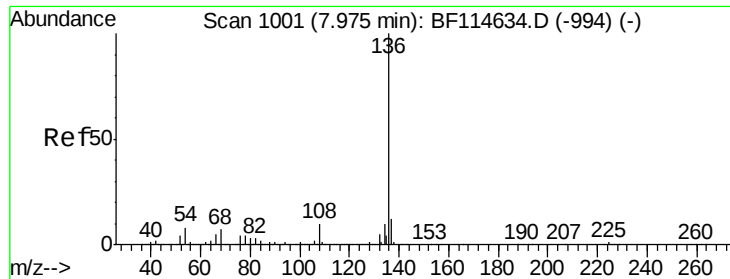
mohammad
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#20
3+4-Methylphenols
Concen: 43.610 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.6	108.6
77	104.5	100.5	140.5
79	27.8	7.0	47.0





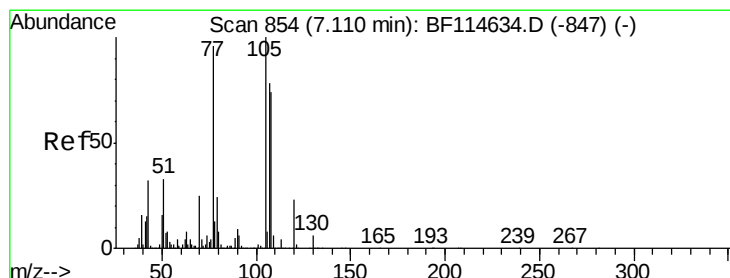
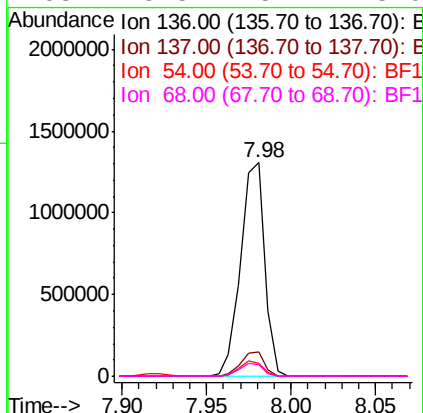
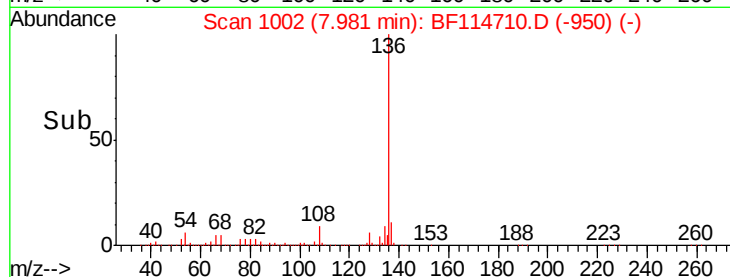
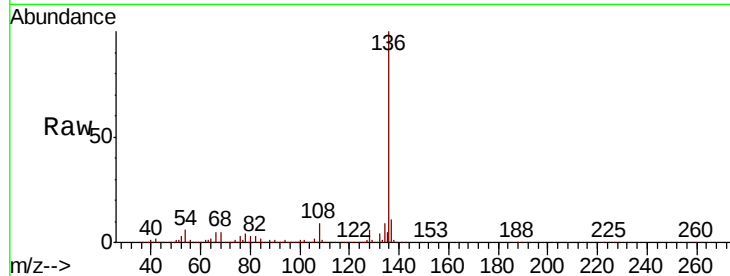
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	136	Resp	1306448
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	6.2	6.3	9.5#
68	5.5	5.4	8.0

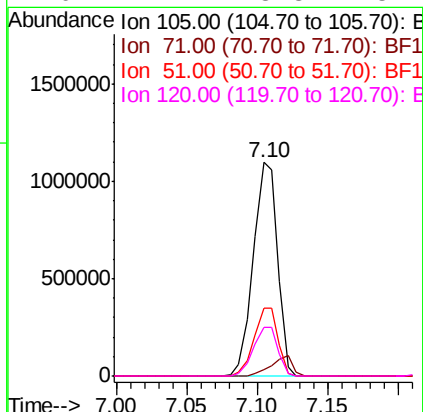
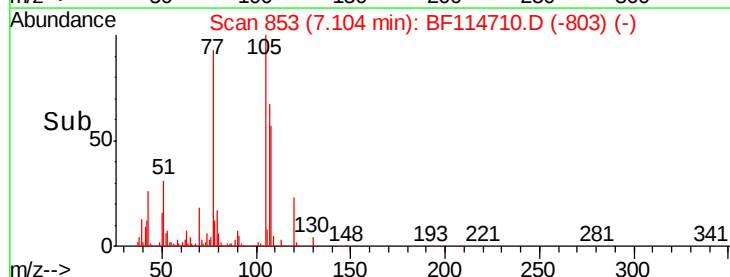
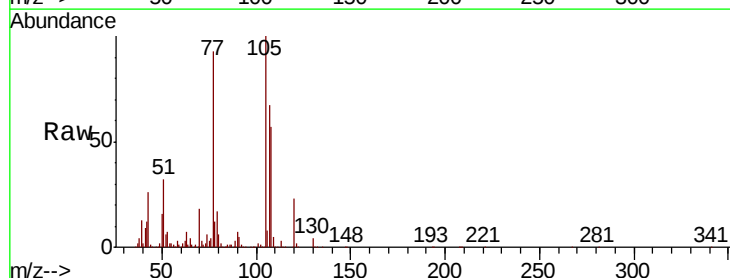
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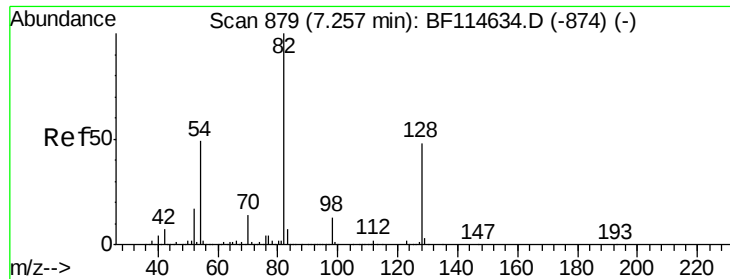
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#22
Acetophenone
Concen: 47.741 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	105	Resp	1328928
Ion Ratio	Lower	Upper	
105	100		
71	3.2	3.6	5.4#
51	31.5	26.0	39.0
120	22.7	18.8	28.2





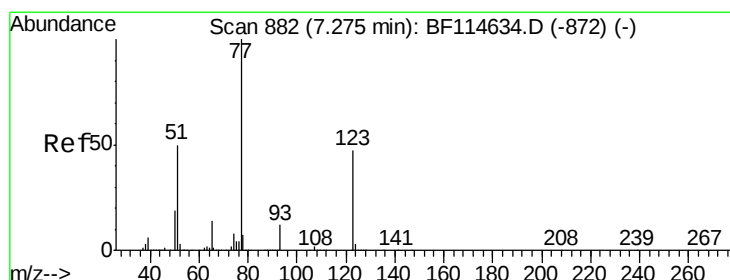
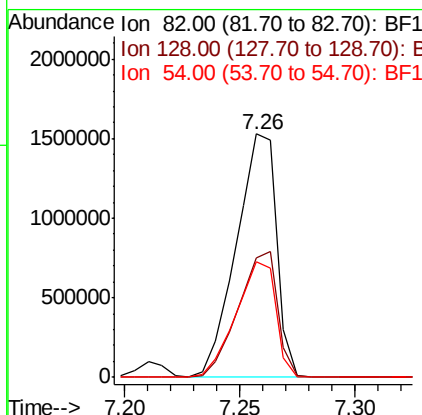
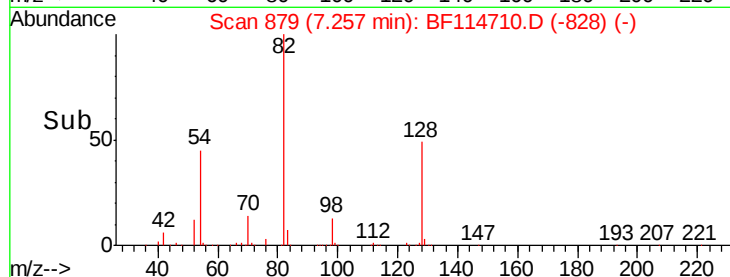
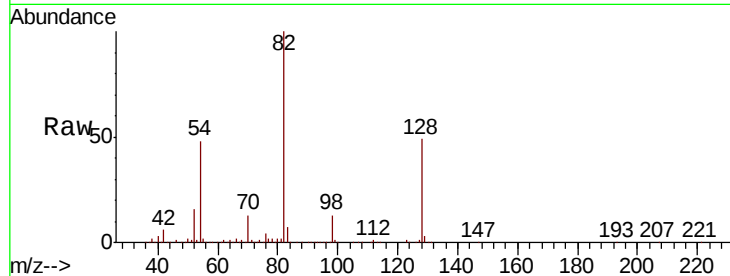
#23
Nitrobenzene-d5
Concen: 89.248 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.5	57.7
54	47.5	39.1	58.7

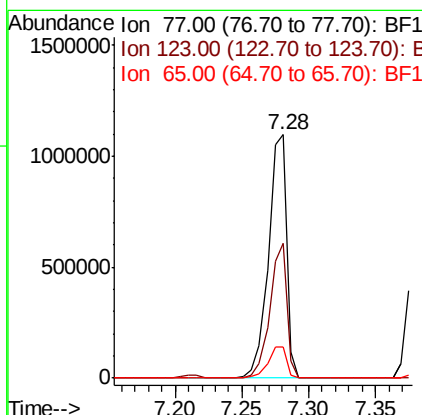
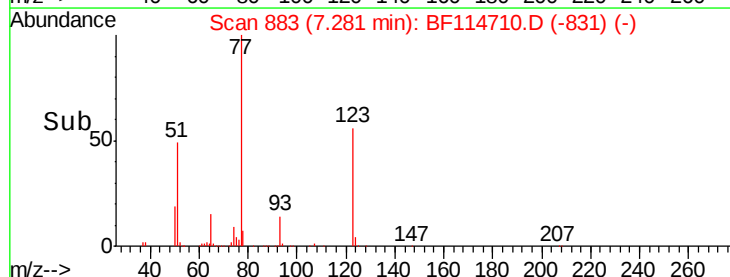
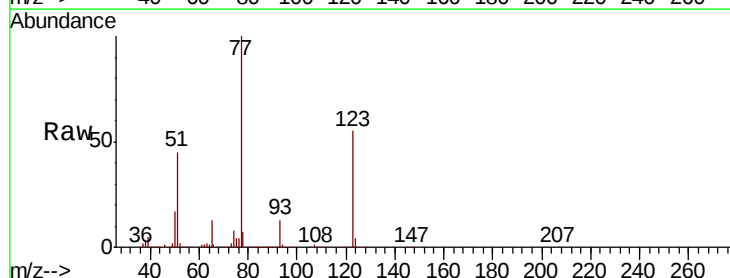
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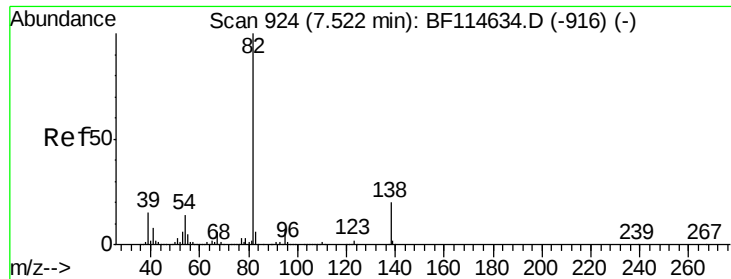
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#24
Nitrobenzene
Concen: 46.724 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.2	38.5	57.7
65	13.0	11.2	16.8





#25

Isophorone

Concen: 44.823 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion: 82 Resp: 1883687

Ion Ratio Lower Upper

82 100

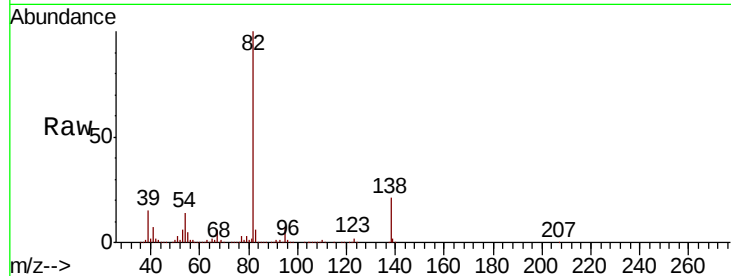
95 7.3 5.6 8.4

138 20.8 15.9 23.9

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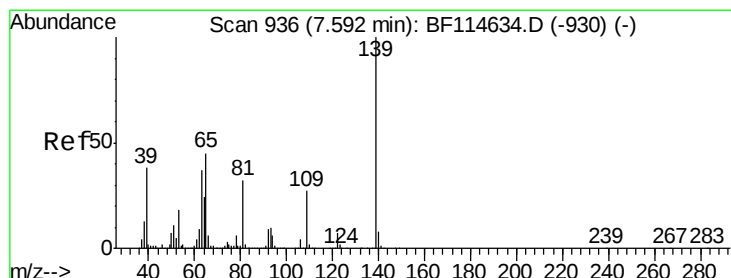
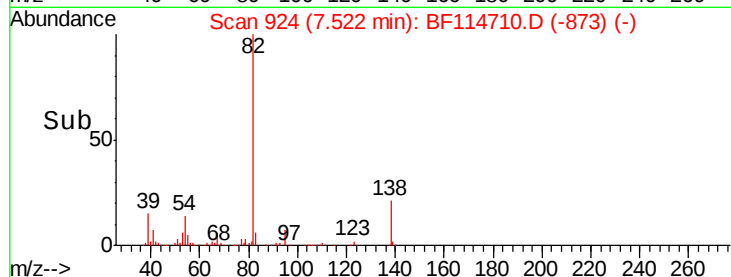
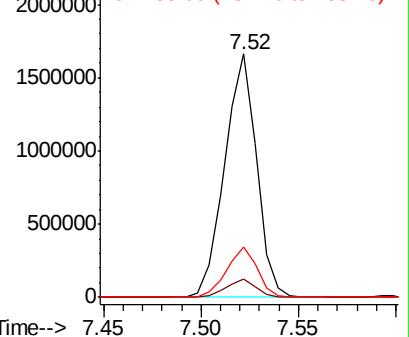
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.215 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

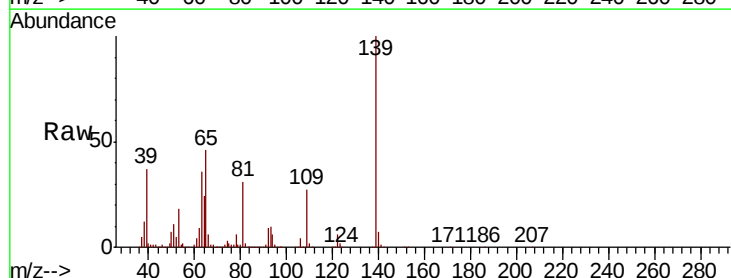
Tgt Ion: 139 Resp: 565364

Ion Ratio Lower Upper

139 100

109 26.8 21.7 32.5

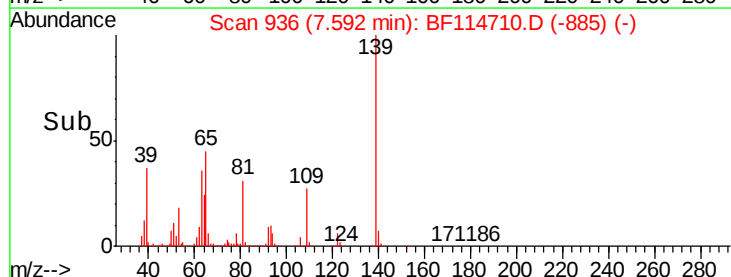
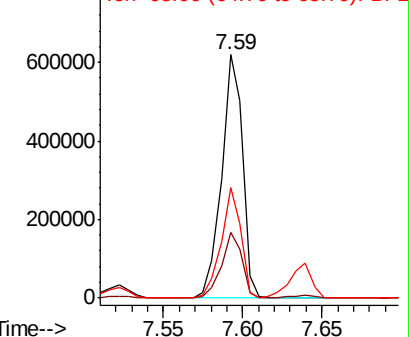
65 45.5 36.3 54.5

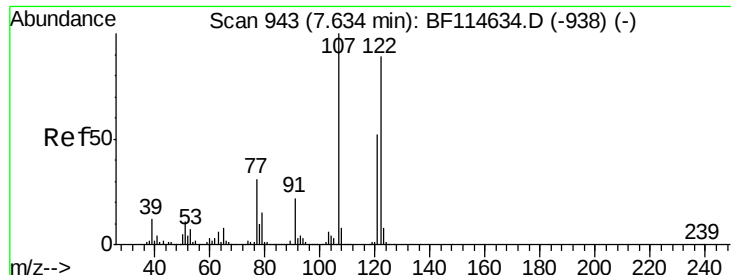


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.263 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

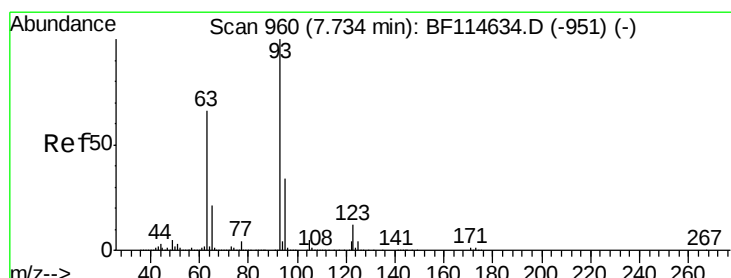
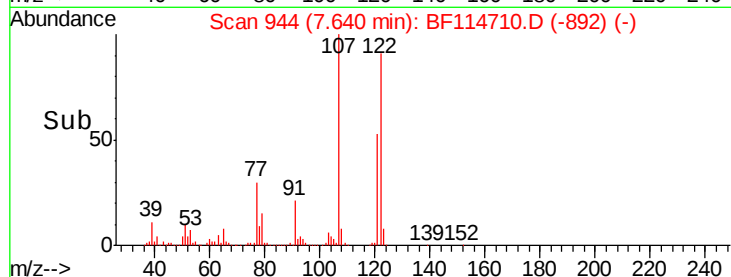
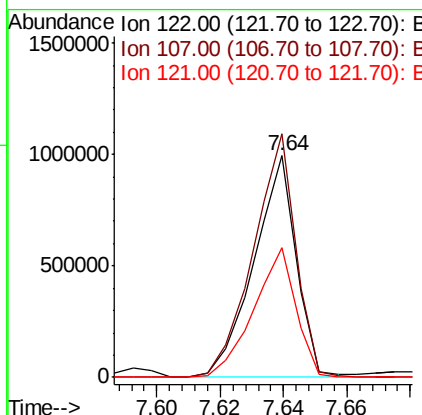
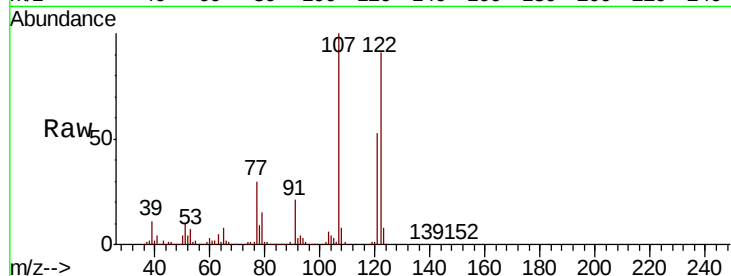
ClientSampled :

TP-6MSD

Tot Ion:	122	Resp:	923128
Ion Ratio	Lower	Upper	
122	100		
107	110.0	89.3	133.9
121	58.6	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.911 ng

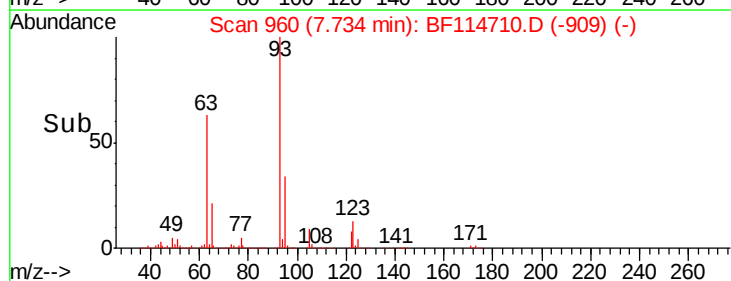
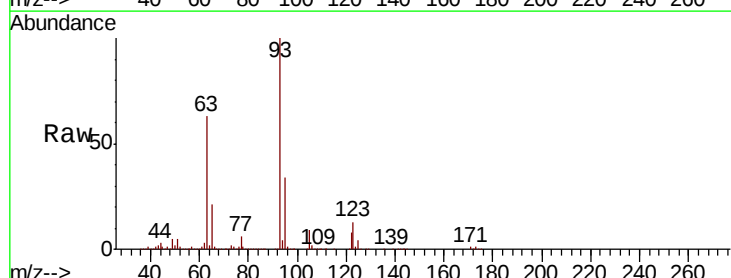
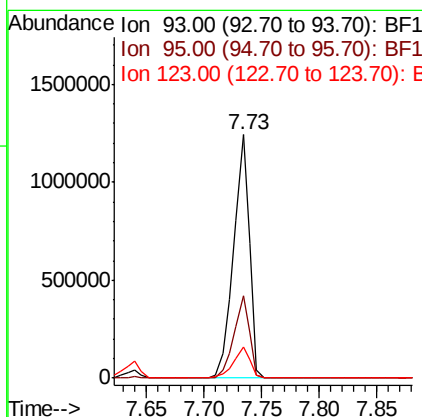
RT: 7.73 min Scan# 960

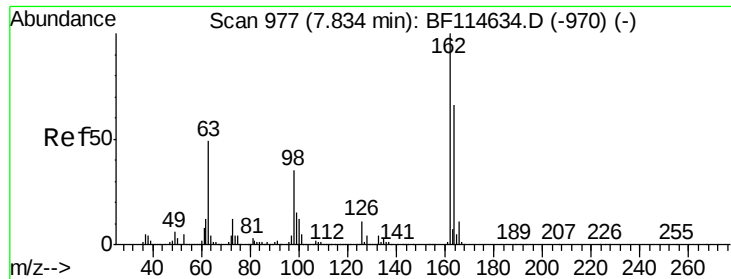
Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	93	Resp:	1174690
Ion Ratio	Lower	Upper	
93	100		
95	33.7	27.0	40.4
123	12.6	10.2	15.2





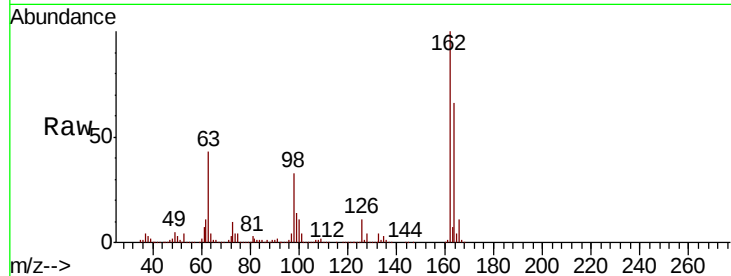
#29
2,4-Dichlorophenol
Concen: 48.654 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	891798		
164	65.9	45.8	85.8	
98	32.9	14.9	54.9	

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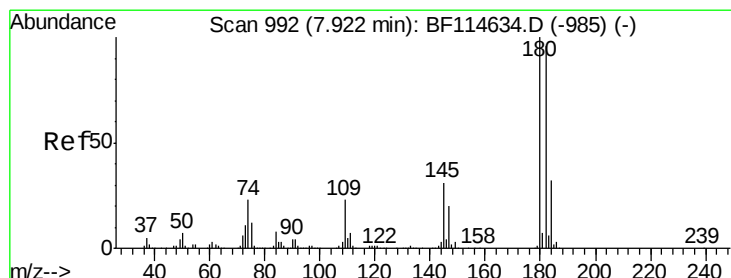
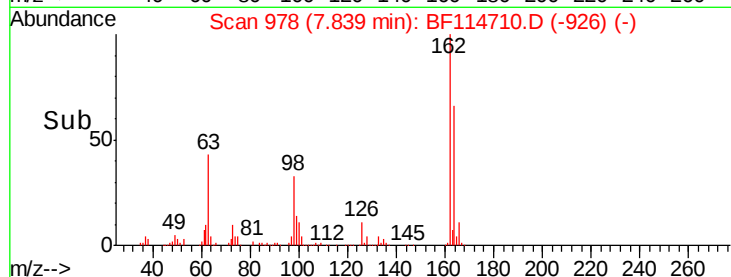
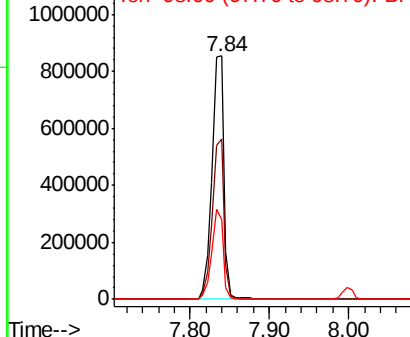


Abundance

Ion 162.00 (161.70 to 162.70): E

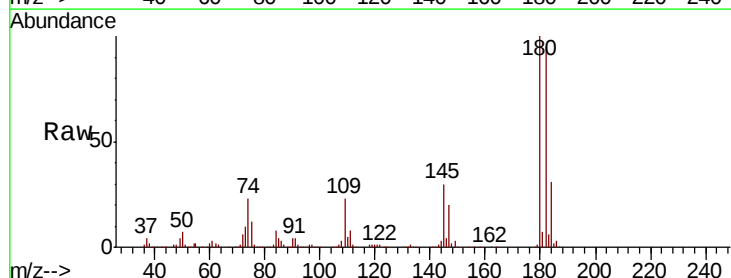
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.408 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	948229		
182	95.0	76.9	115.3	
145	30.1	24.5	36.7	

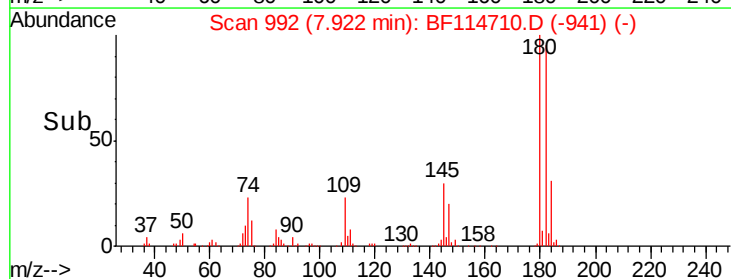
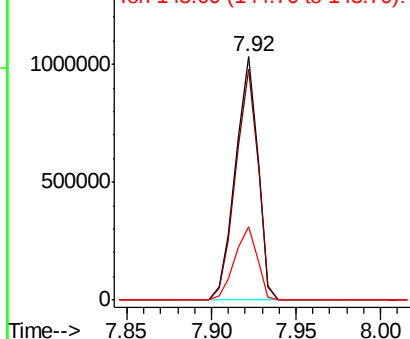


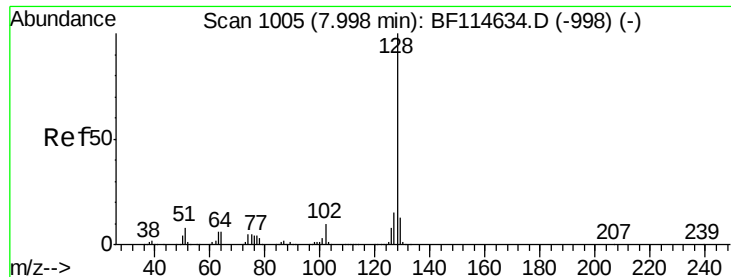
Abundance

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





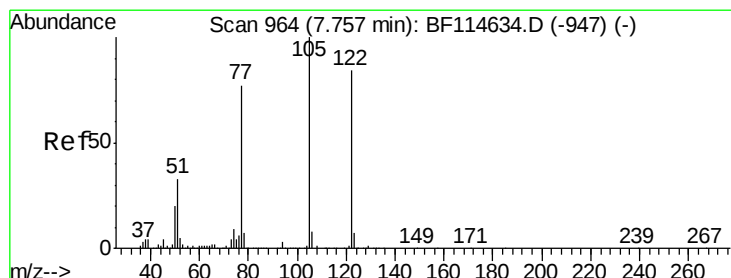
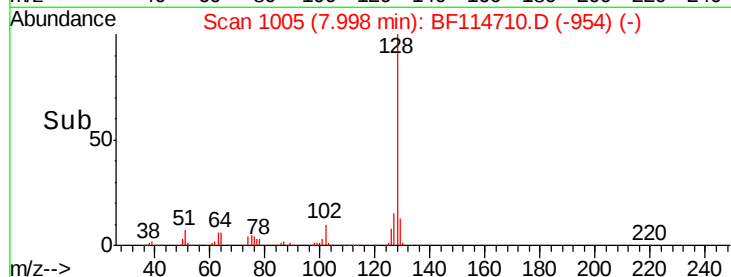
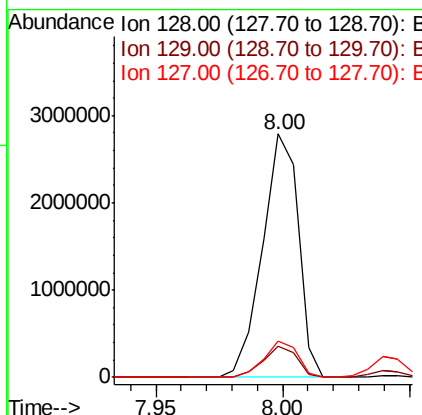
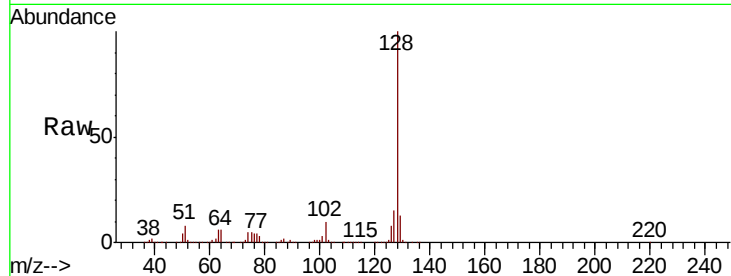
#31
Naphthalene
Concen: 45.567 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.2	15.2
127	14.8	11.9	17.9

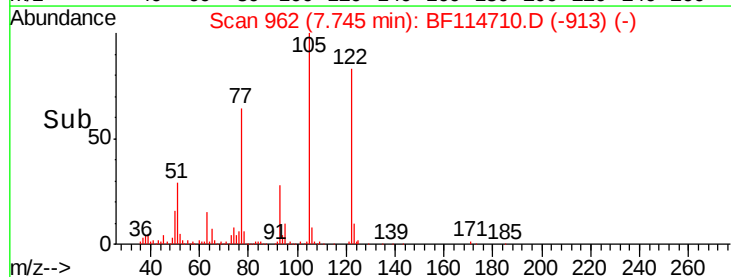
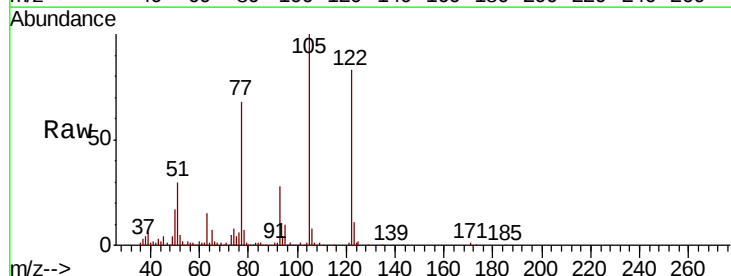
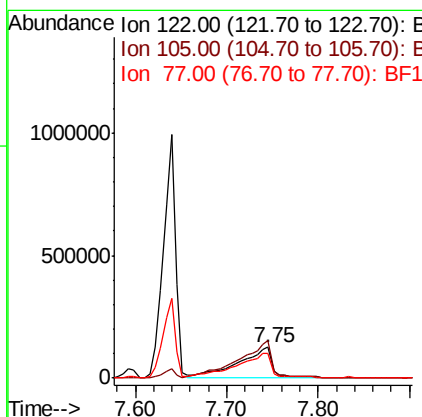
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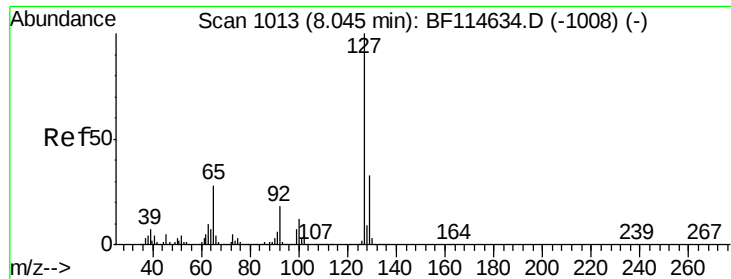
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#32
Benzoic acid
Concen: 29.091 ng m
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.3	138.3
77	82.1	70.7	110.7





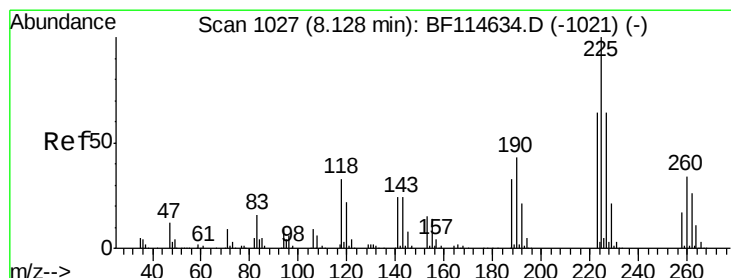
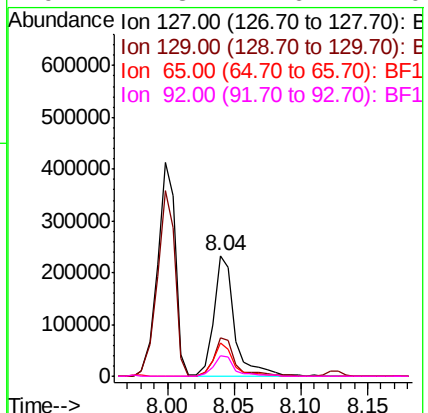
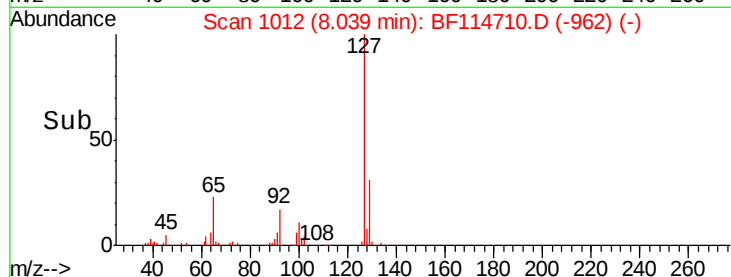
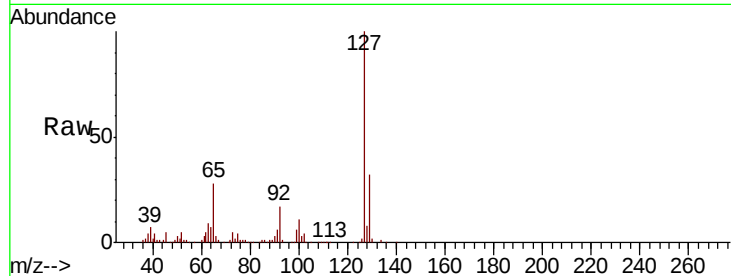
#33
4-Chloroaniline
Concen: 8.843 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		253540		
129	31.6	26.7	40.1		
65	27.6	22.5	33.7		
92	17.3	14.6	22.0		

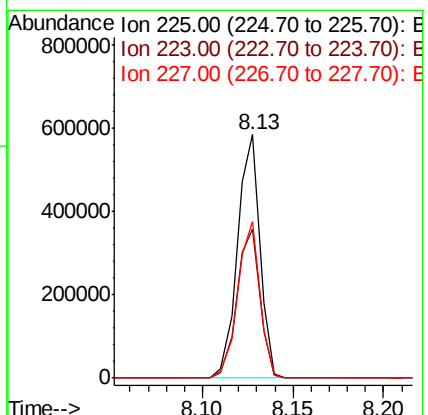
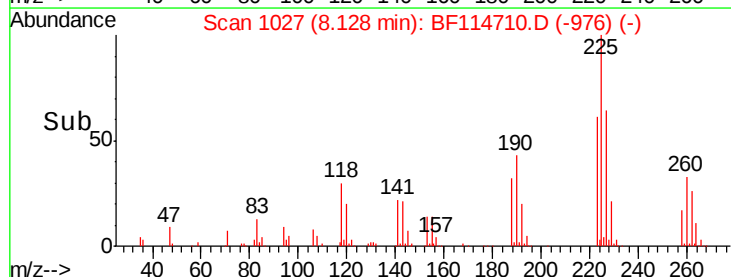
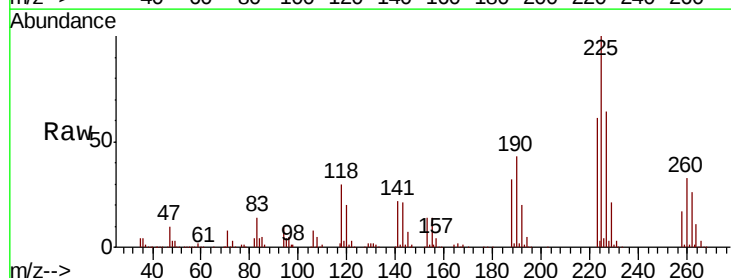
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#34
Hexachlorobutadiene
Concen: 43.257 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		501809		
223	61.4	50.9	76.3		
227	64.2	51.3	76.9		





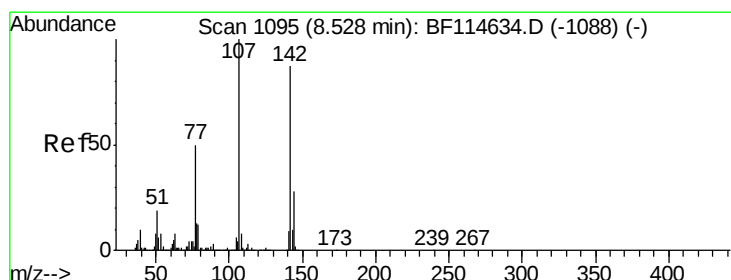
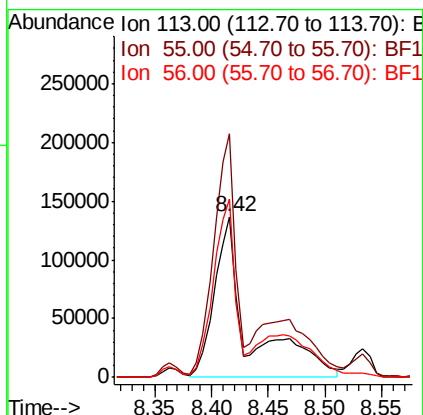
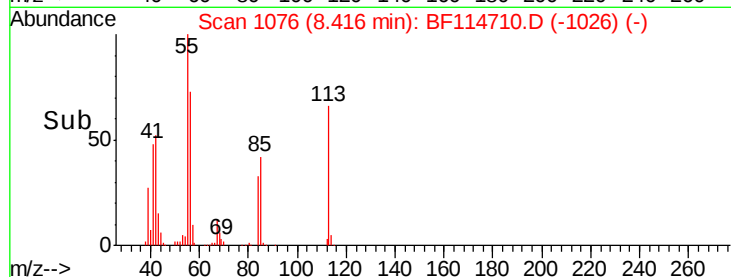
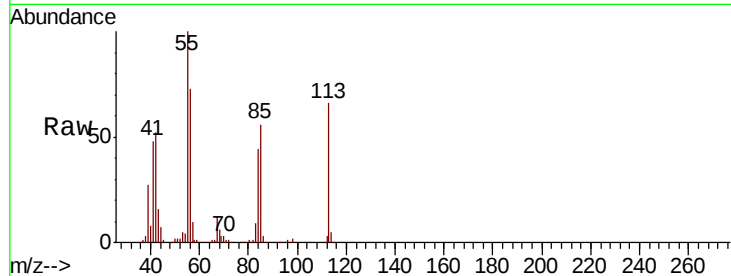
#35
Caprolactam
Concen: 46.838 ng/ml
RT: 8.42 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.7	136.4	176.4
56	111.1	97.0	137.0

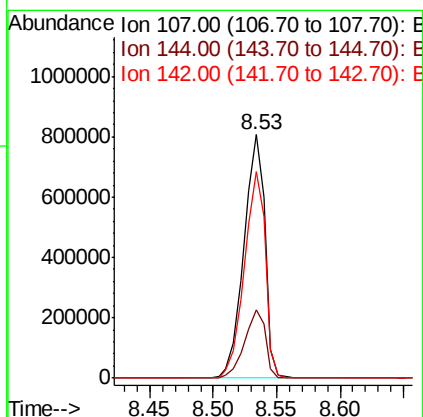
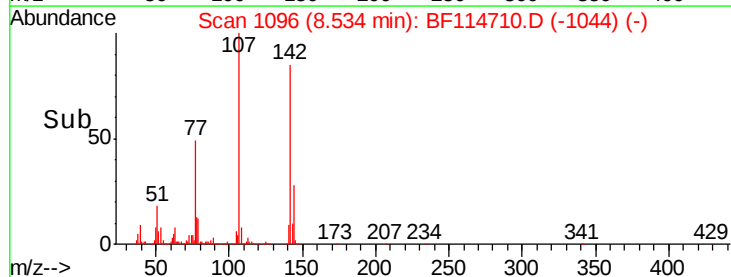
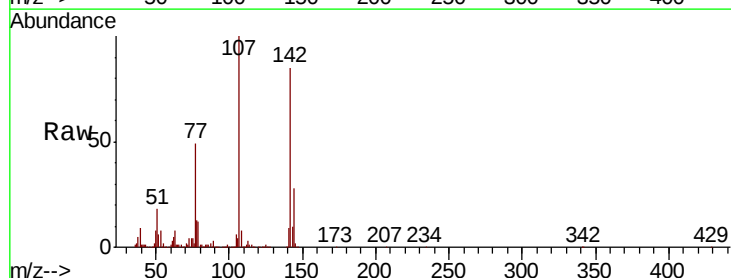
Manual Integrations
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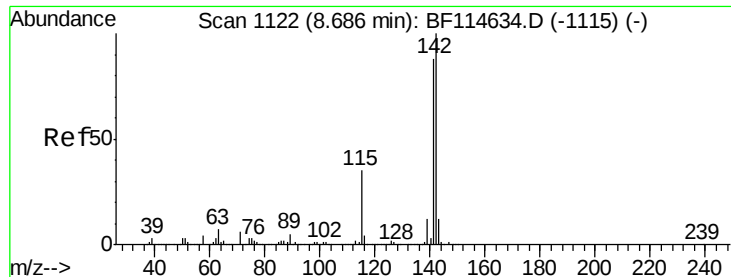
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#36
4-Chloro-3-methylphenol
Concen: 50.392 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.5	33.7
142	85.0	69.8	104.6





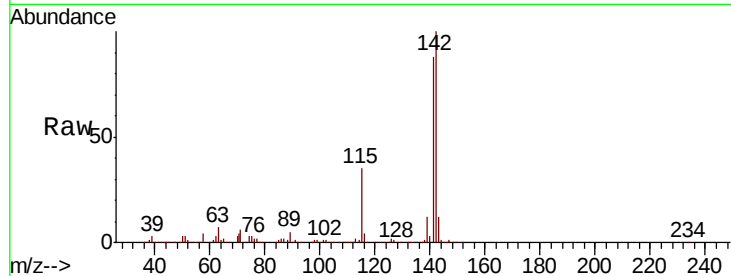
#37
2-Methylnaphthalene
Concen: 47.504 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	34.8	28.0	42.0

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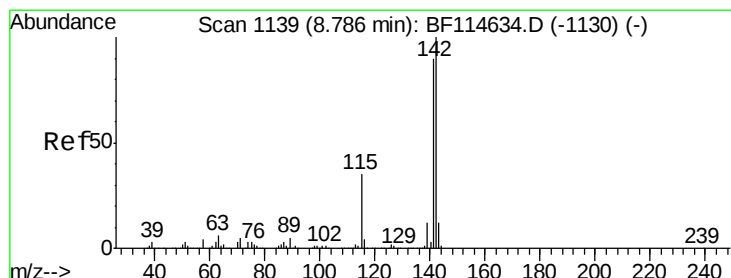
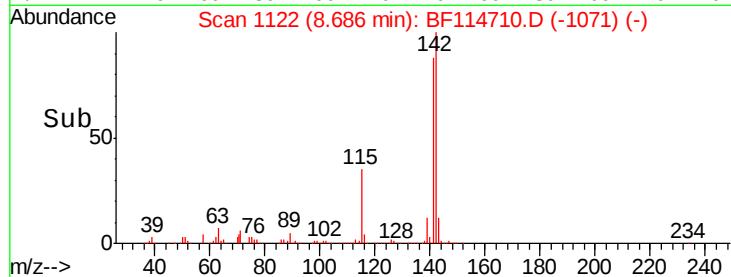
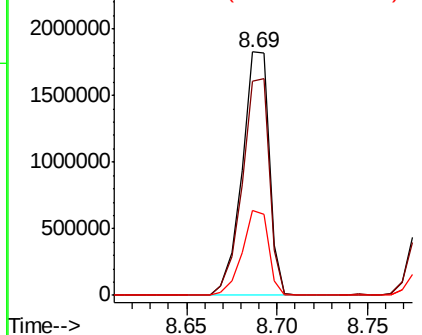


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.732 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

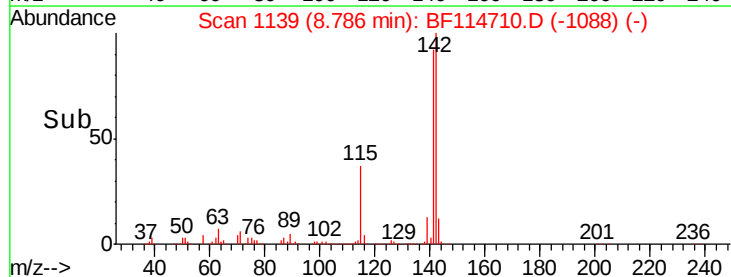
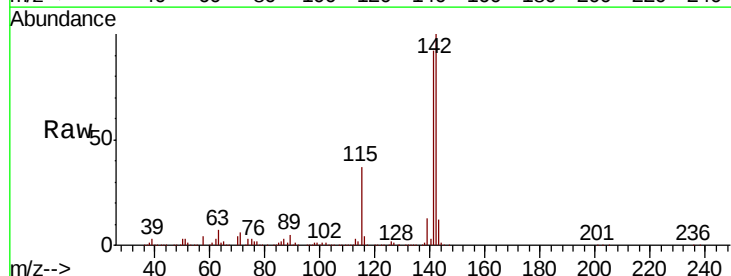
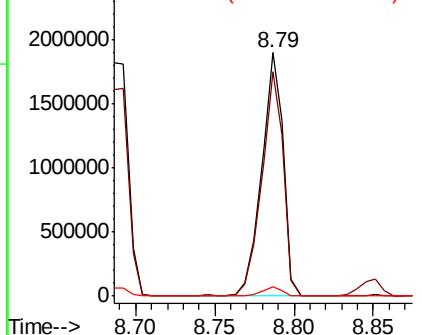
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.3	108.5
116	4.0	3.0	4.4

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





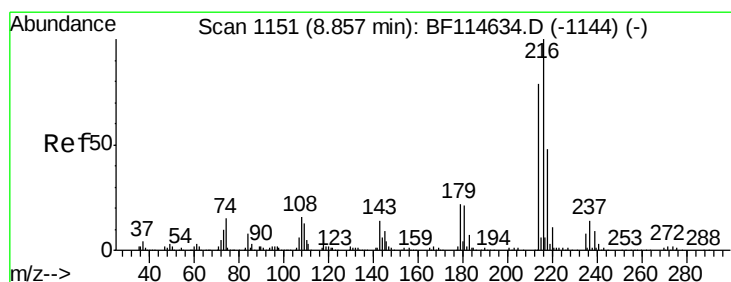
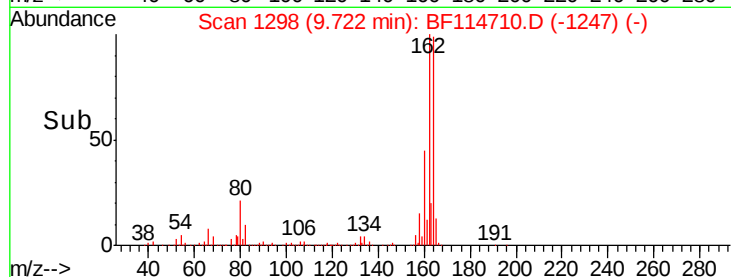
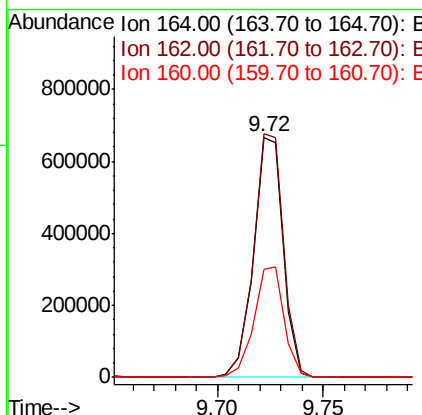
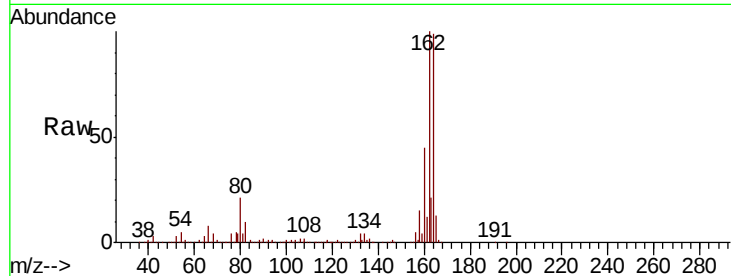
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	650071		
162	101.4		81.4	122.2
160	45.2		36.6	54.8

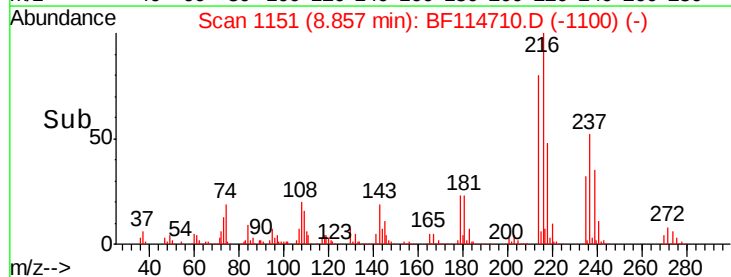
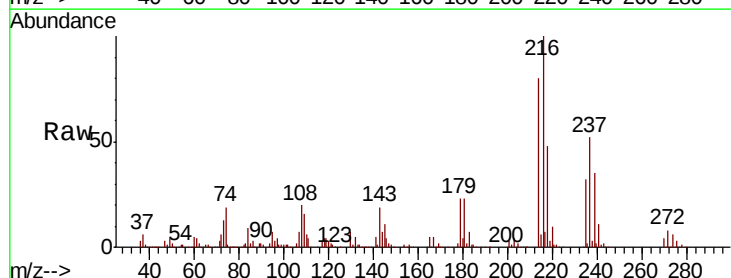
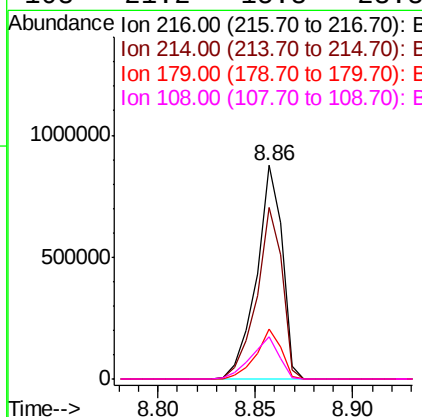
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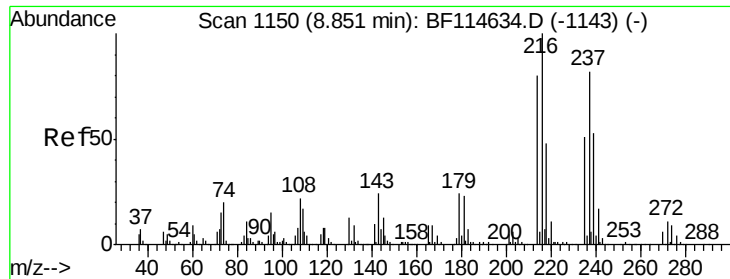
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.211 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	799995		
214	79.2		63.2	94.8
179	22.5		17.9	26.9
108	21.2		15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 84.630 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

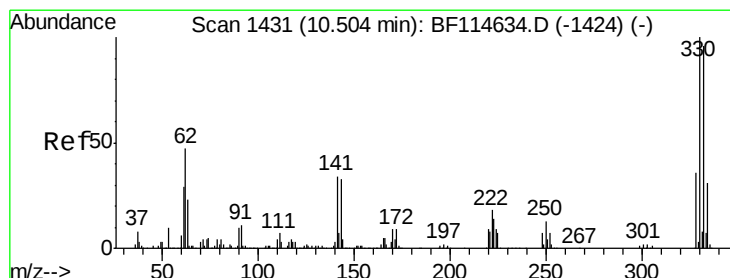
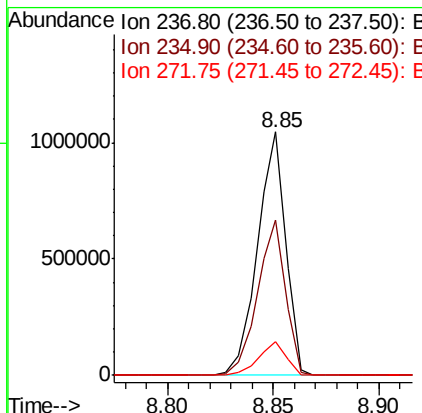
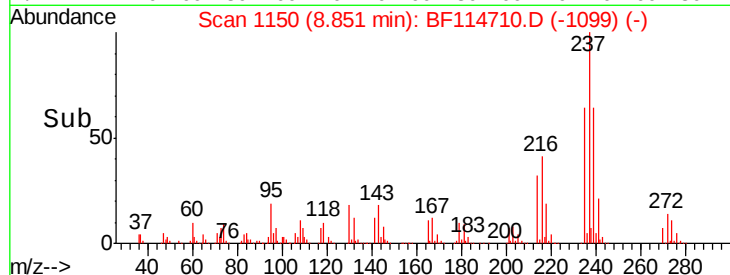
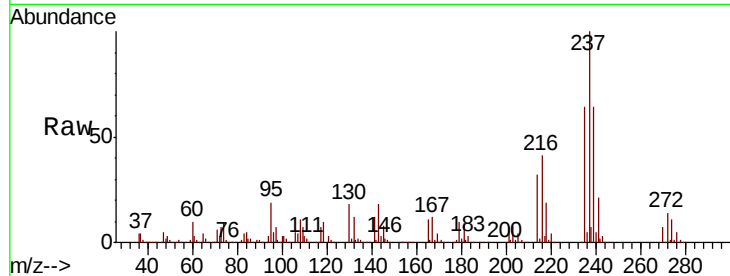
ClientSampled :

TP-6MSD

Tot Ion:	237	Resp:	968173
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.8	82.8
272	13.6	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 140.042 ng

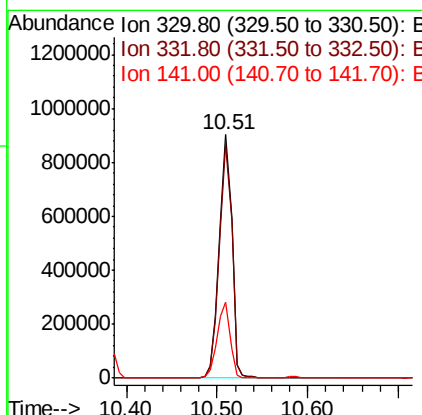
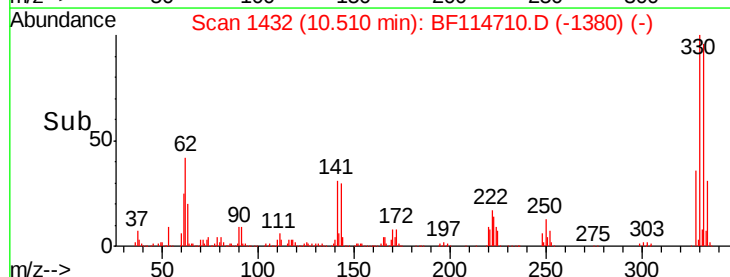
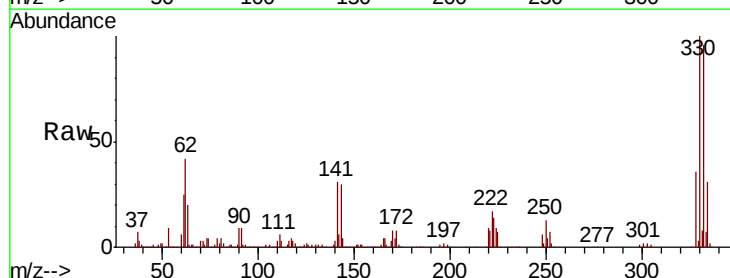
RT: 10.51 min Scan# 1432

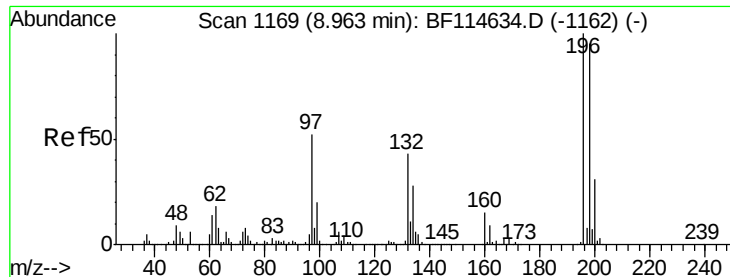
Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	330	Resp:	867441
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.8	113.8
141	31.8	27.8	41.8





#43

2,4,6-Trichlorophenol

Concen: 47.032 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

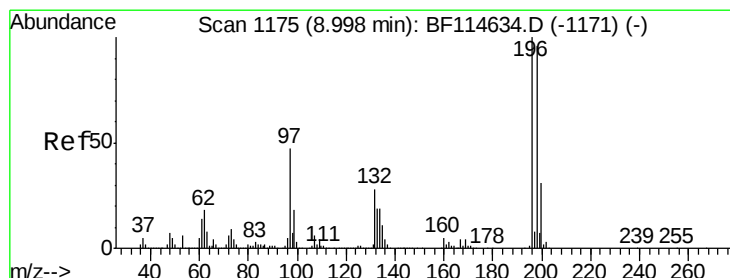
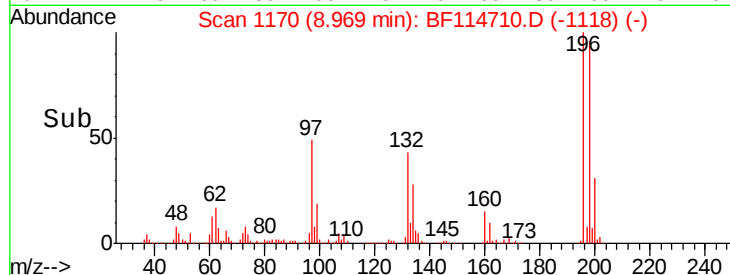
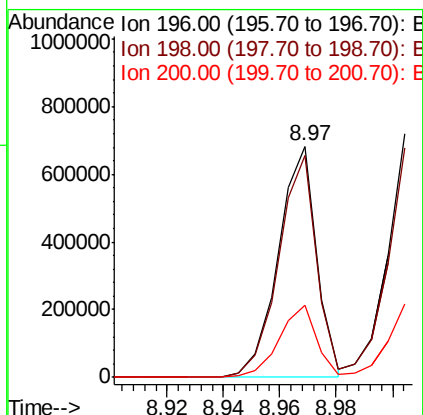
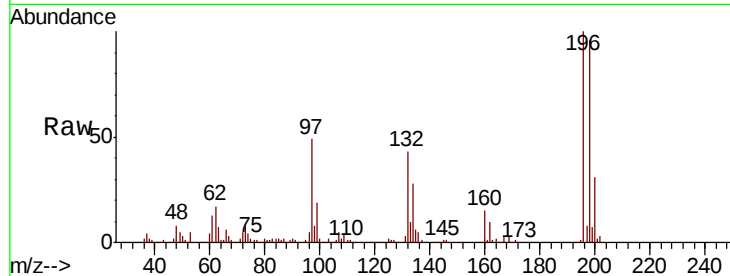
ClientSampled :

TP-6MSD

Tot Ion:	196	Resp:	640649
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.1	114.1
200	31.3	24.7	37.1

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#44

2,4,5-Trichlorophenol

Concen: 51.125 ng

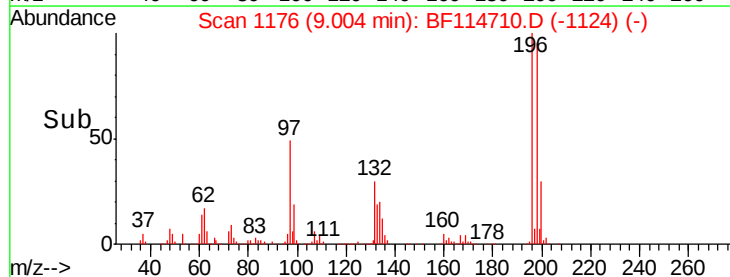
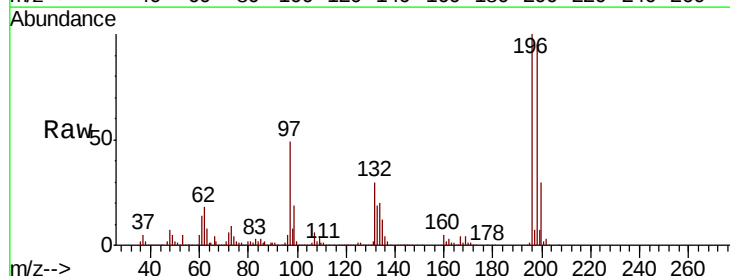
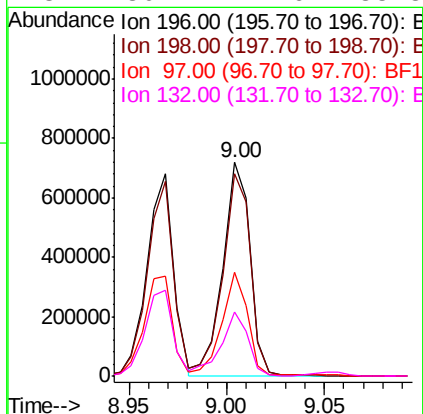
RT: 9.00 min Scan# 1176

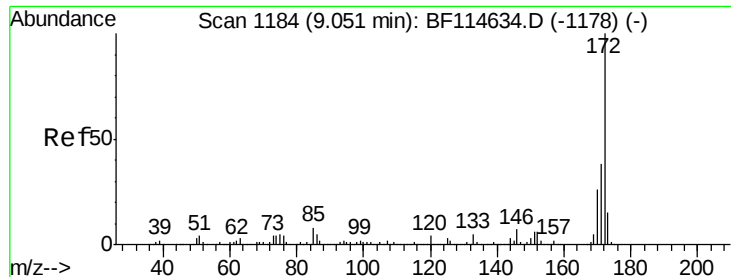
Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	196	Resp:	694939
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.8	115.2
97	48.8	37.8	56.8
132	30.1	22.6	33.8





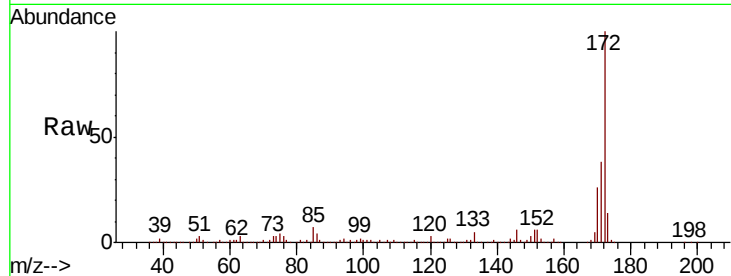
#45
2-Fluorobiphenyl
Concen: 86.404 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	45.8
170	25.8	20.7	31.1

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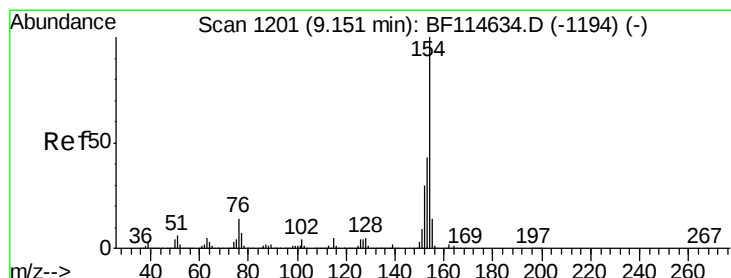
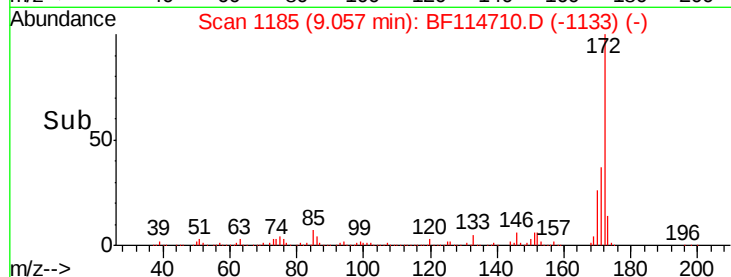
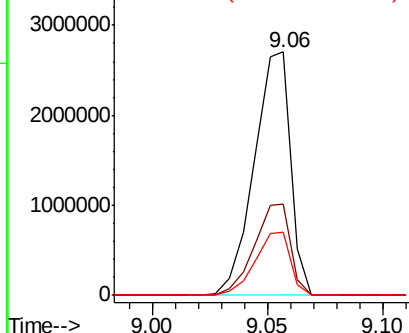


Abundance

Ion 172.00 (171.70 to 172.70): E

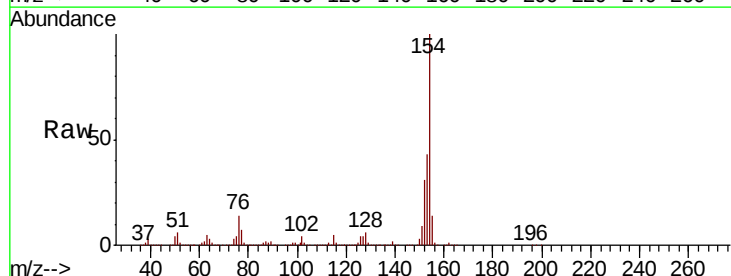
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.581 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	14.0	0.0	33.9

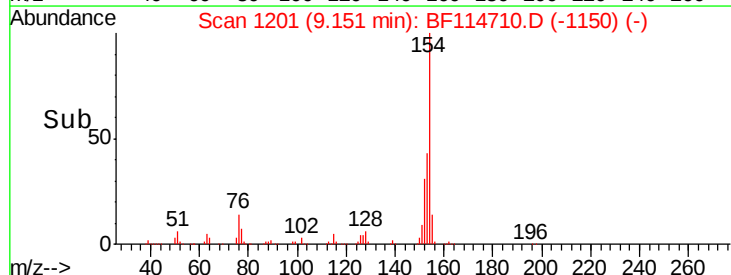
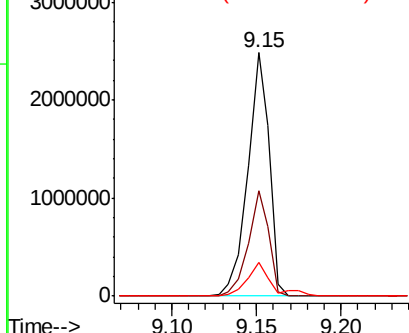


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





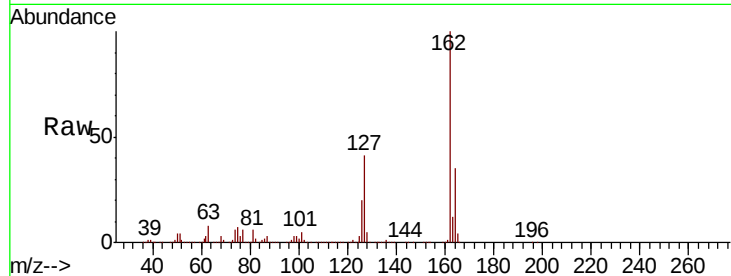
#47
2-Chloronaphthalene
Concen: 45.459 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.2	48.2
164	34.9	27.8	41.6

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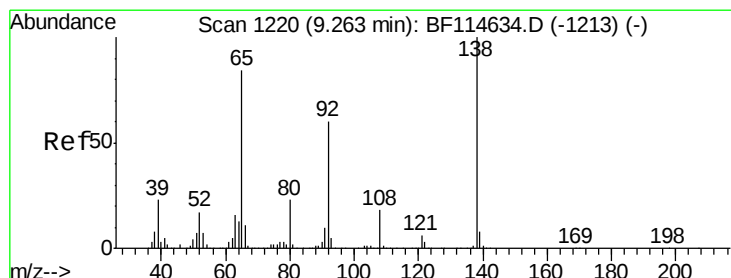
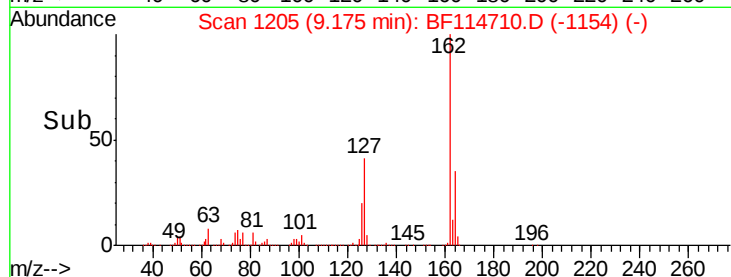
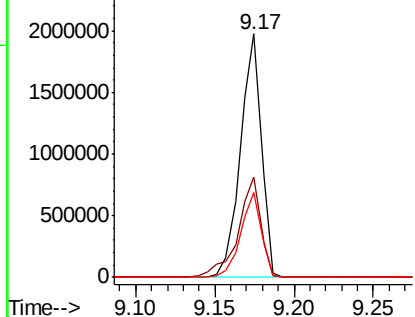


Abundance

Ion 162.00 (161.70 to 162.70): E

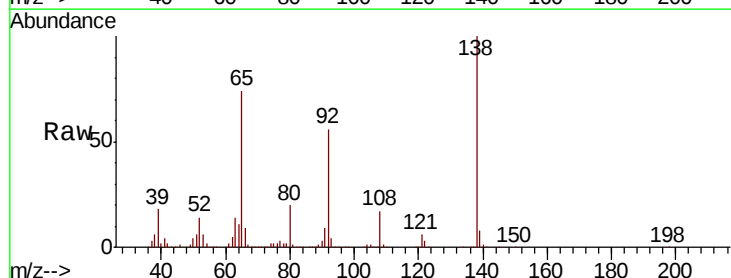
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.383 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	57.1	85.7
138	134.7	95.8	143.6

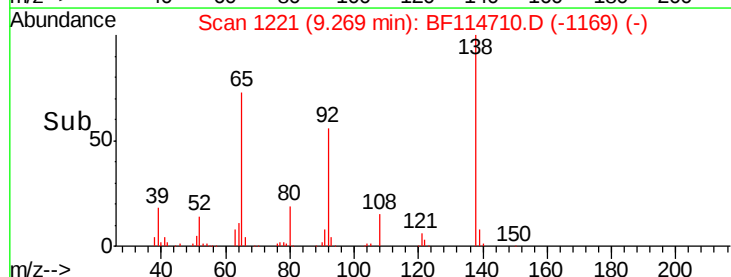
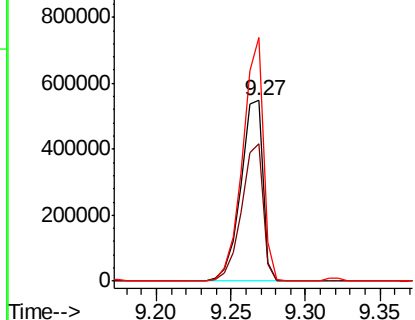


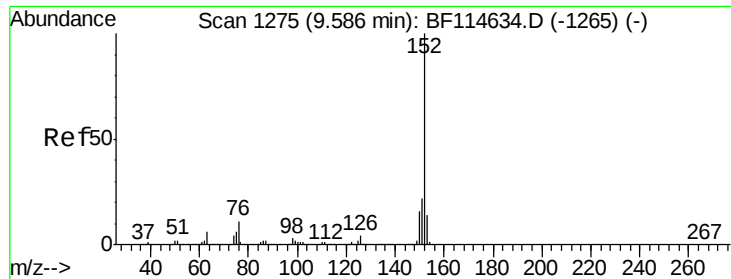
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





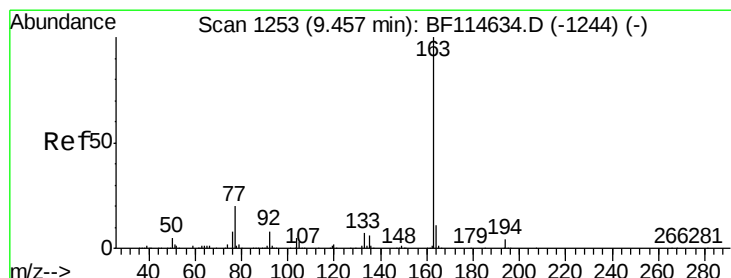
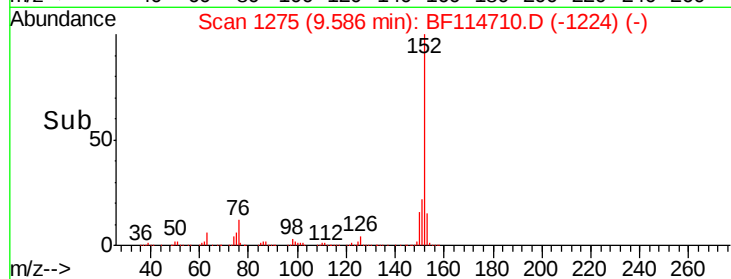
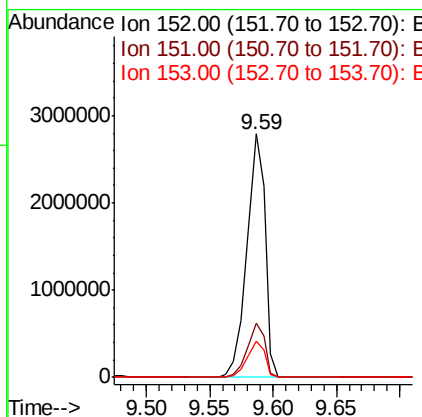
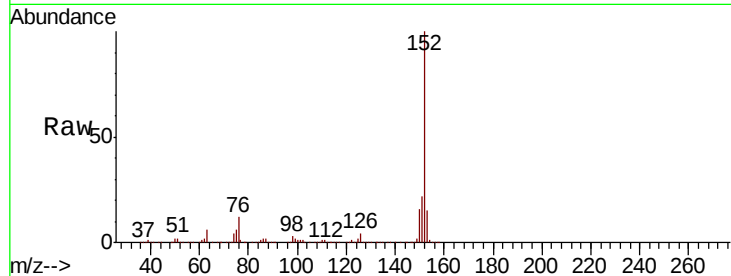
#49
Acenaphthylene
Concen: 45.419 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.5	26.3
153	14.9	11.6	17.4

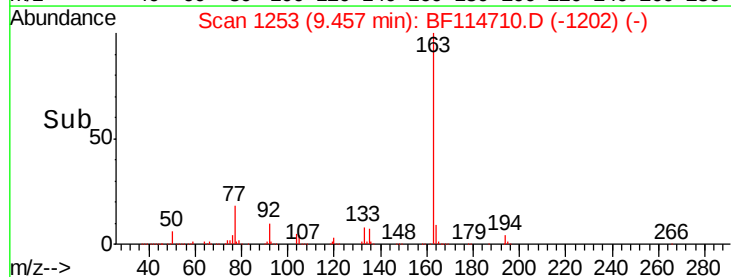
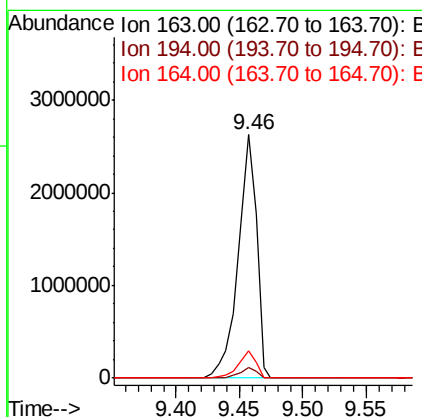
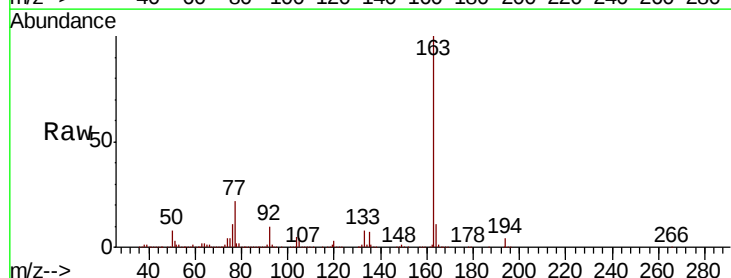
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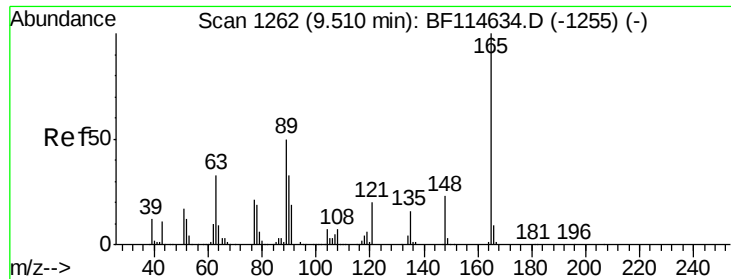
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#50
Dimethylphthalate
Concen: 57.629 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.4	8.6	13.0





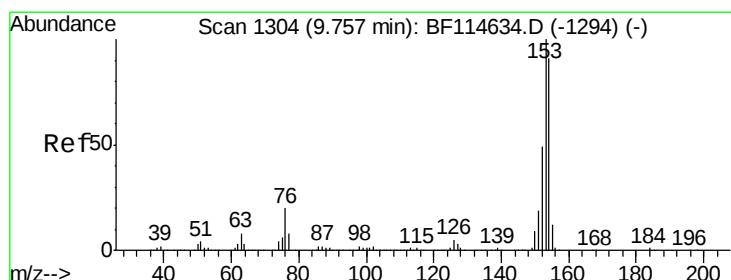
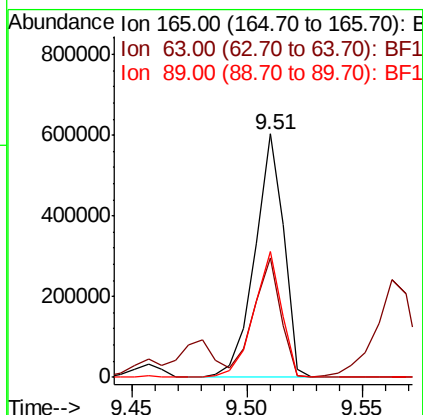
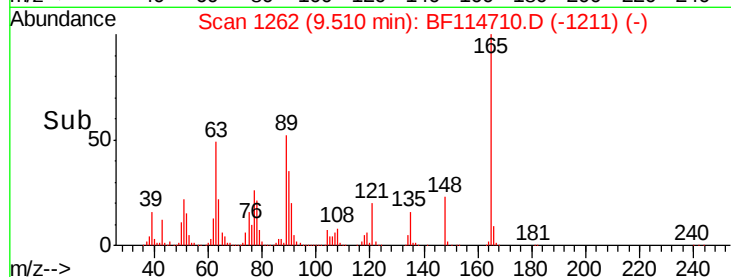
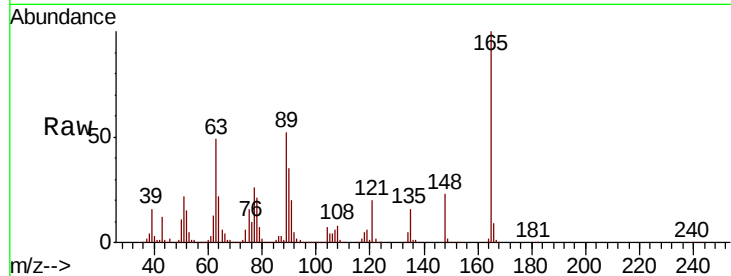
#51
 2,6-Dinitrotoluene
 Concen: 50.014 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	36.6	54.8
89	51.7	40.2	60.4

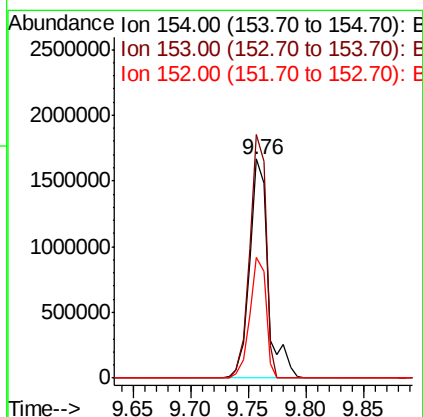
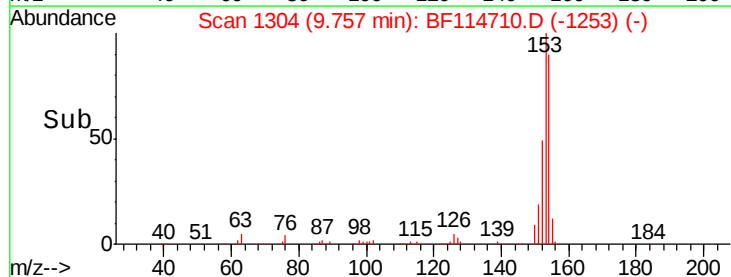
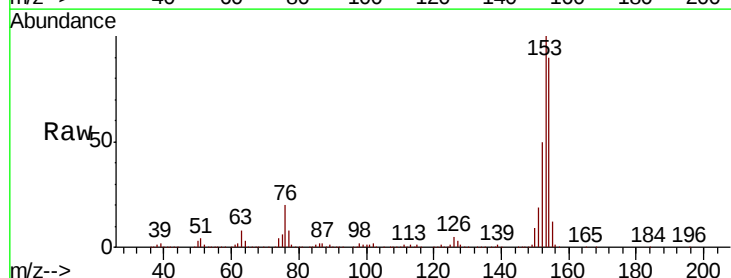
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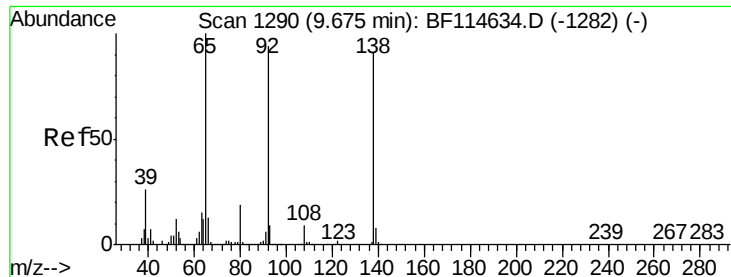
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#52
 Acenaphthene
 Concen: 49.027 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.4	132.6
152	55.1	43.4	65.0





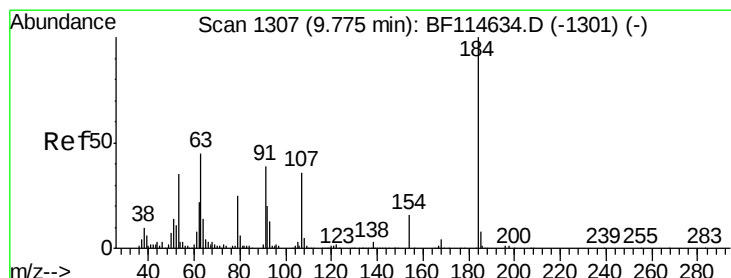
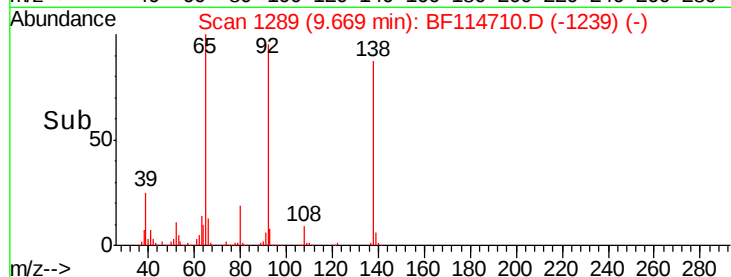
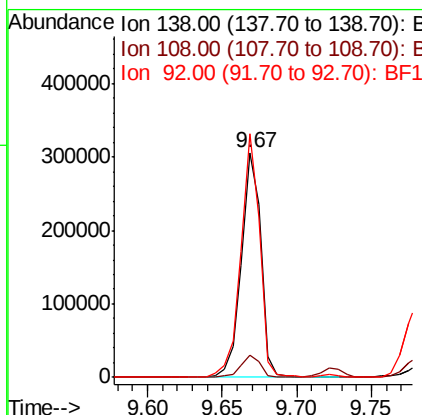
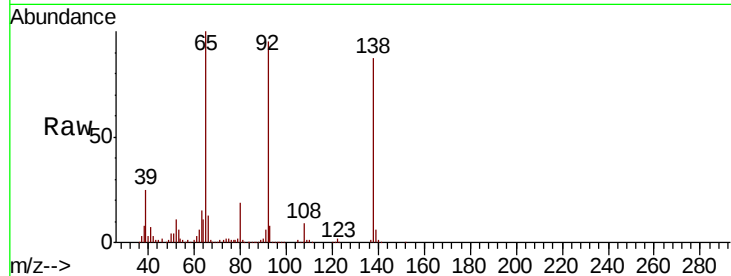
#53
3-Nitroaniline
Concen: 21.599 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.3	12.5
92	108.3	83.1	124.7

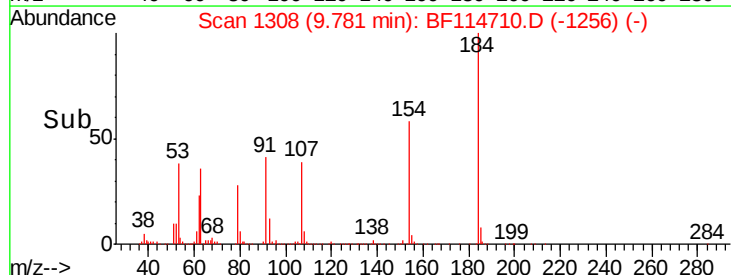
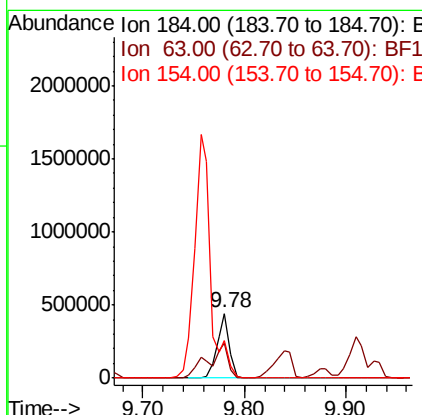
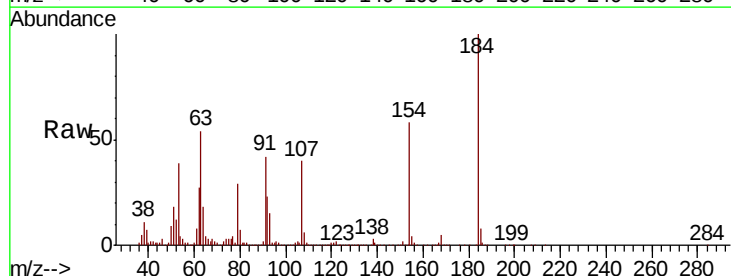
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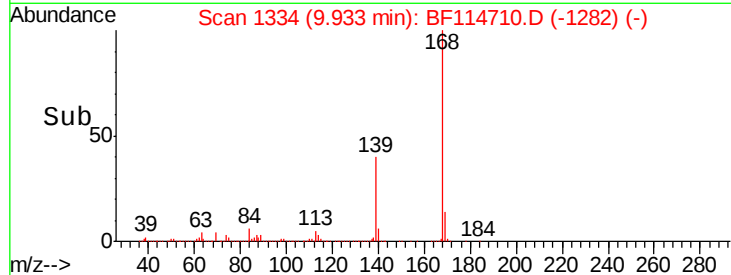
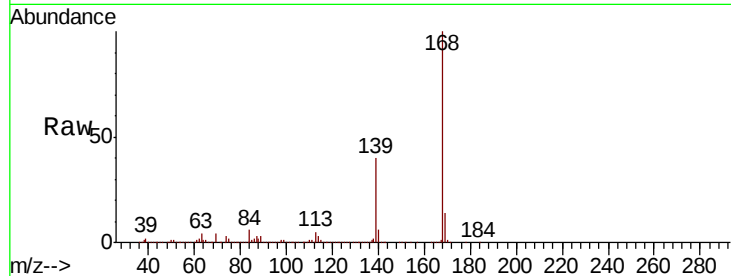
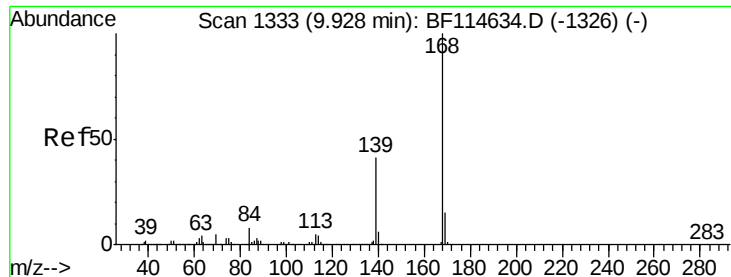
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#54
2,4-Dinitrophenol
Concen: 88.780 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	38.8	58.2
154	58.1	43.7	65.5





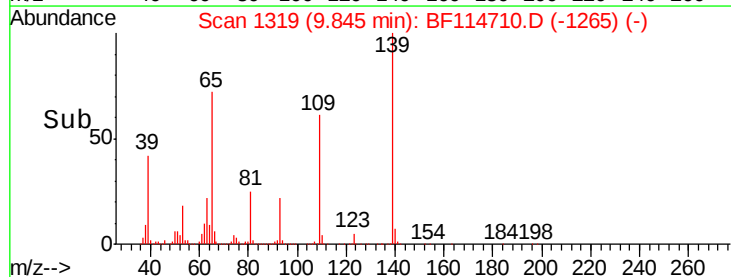
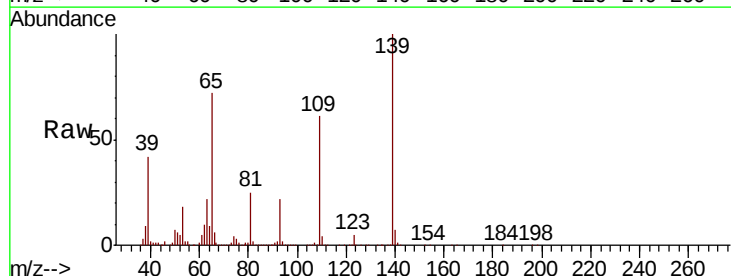
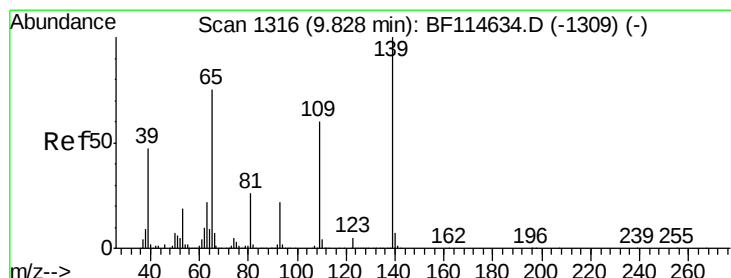
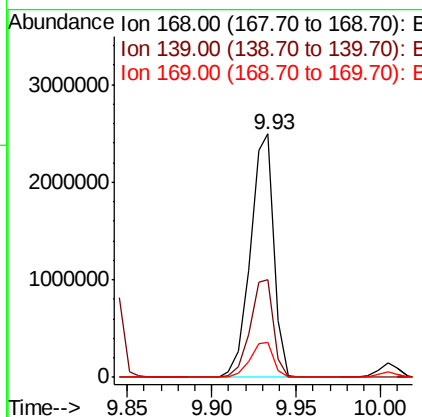
#55
Dibenzofuran
Concen: 45.198 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.6	48.8
169	14.2	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

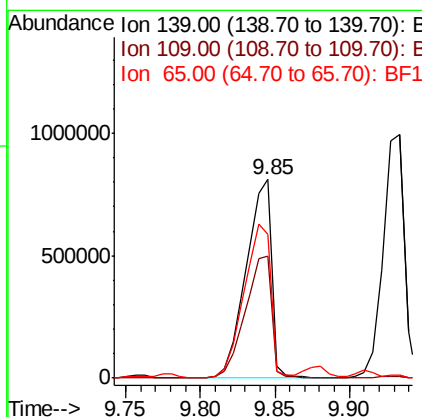
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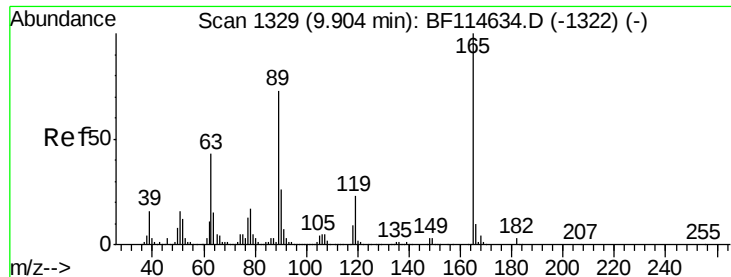
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#56
4-Nitrophenol
Concen: 100.337 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.3	40.4	80.4
65	72.4	54.7	94.7





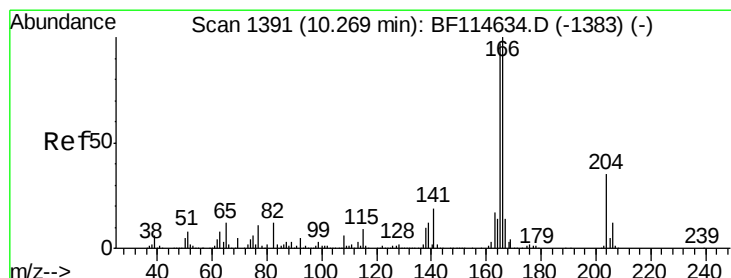
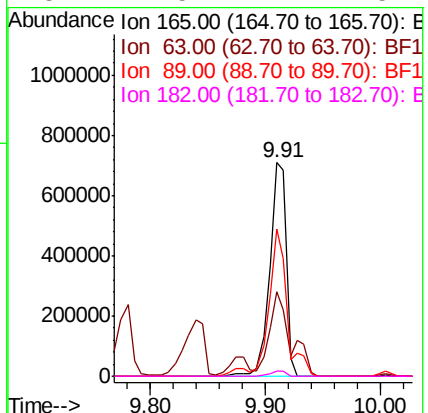
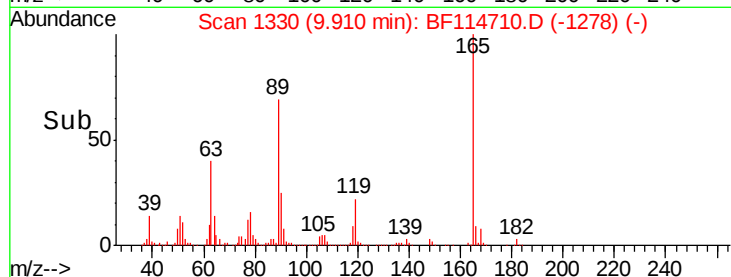
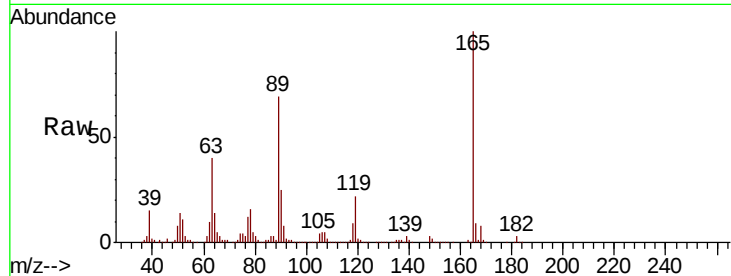
#57
2,4-Dinitrotoluene
Concen: 52.808 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		713361		
63	39.8		34.8	52.2	
89	68.8		58.5	87.7	
182	2.5		2.2	3.2	

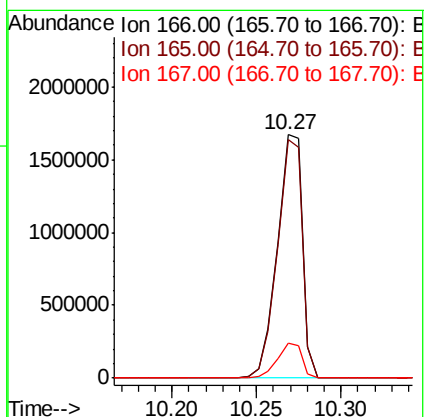
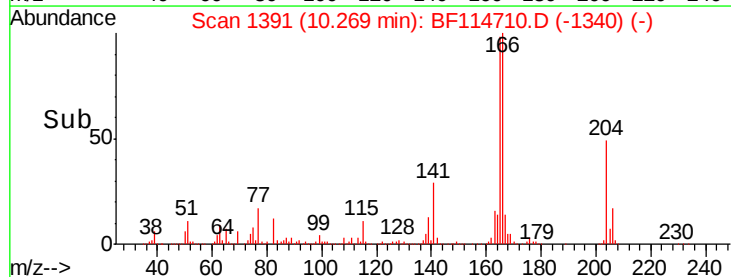
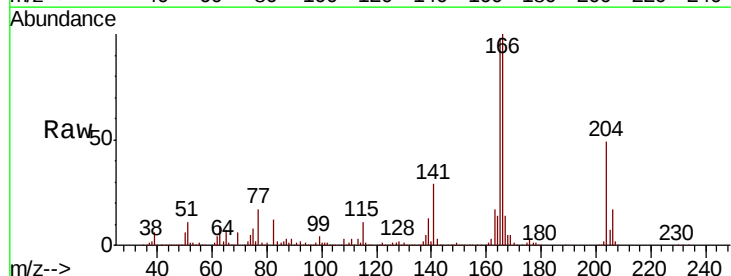
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#58
Fluorene
Concen: 50.492 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1726890		
165	97.8		77.6	116.4	
167	14.2		11.2	16.8	





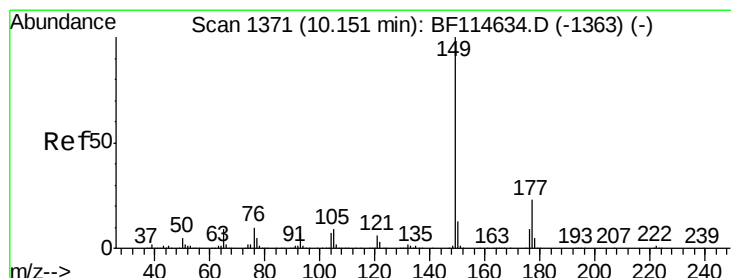
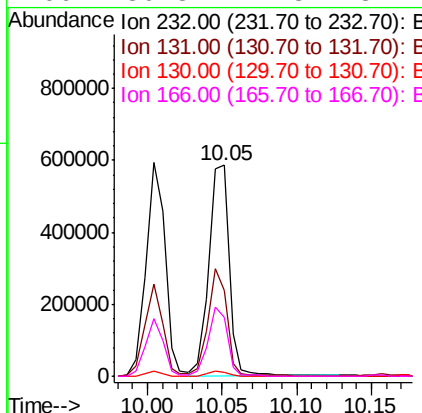
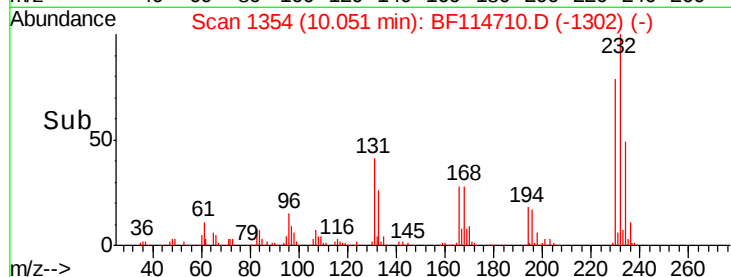
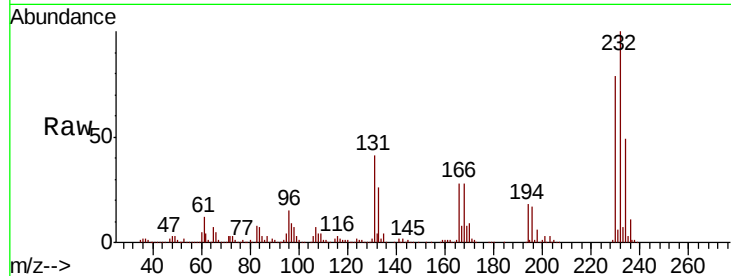
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.836 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.2	55.8
130	2.3	1.8	2.8
166	30.8	24.8	37.2

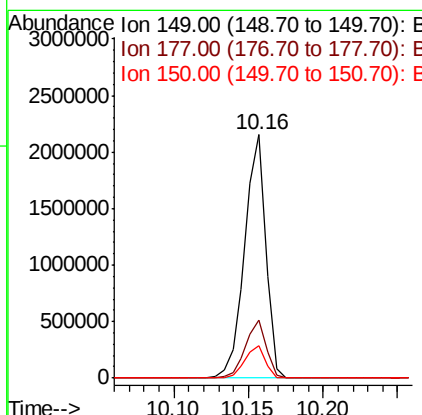
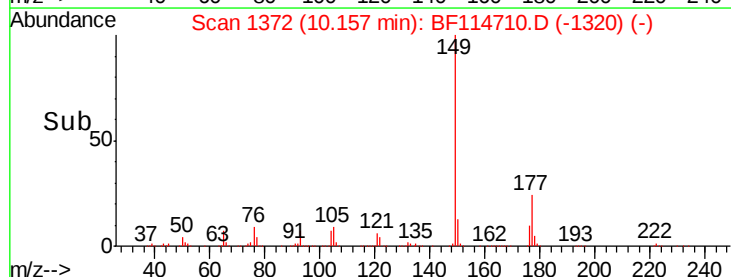
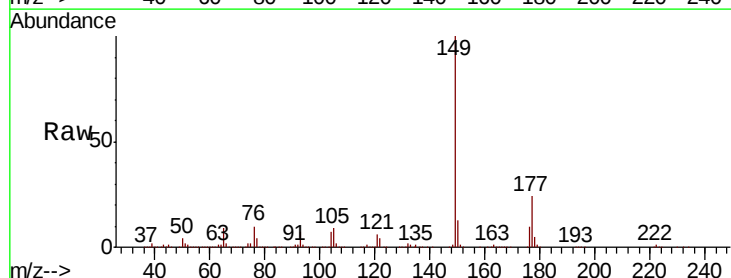
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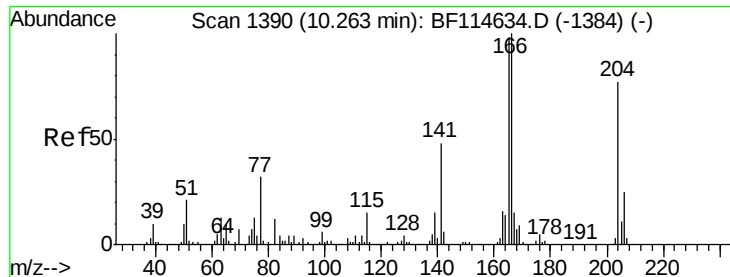
mohammad
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#60
 Diethylphthalate
 Concen: 45.672 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.6	28.0
150	13.1	10.6	15.8





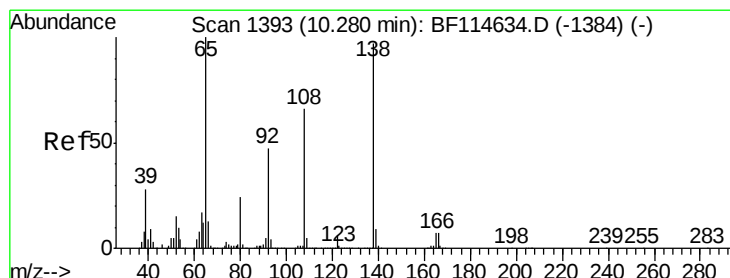
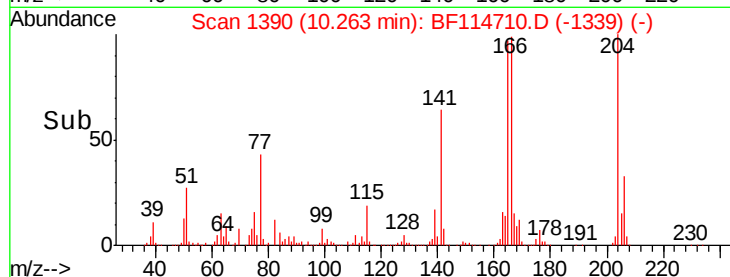
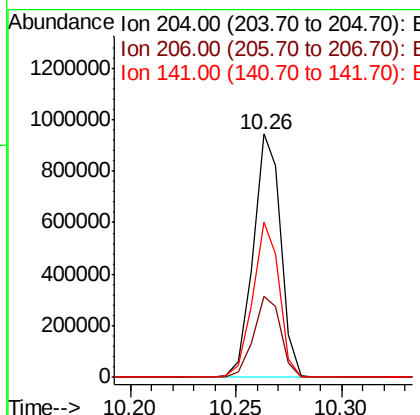
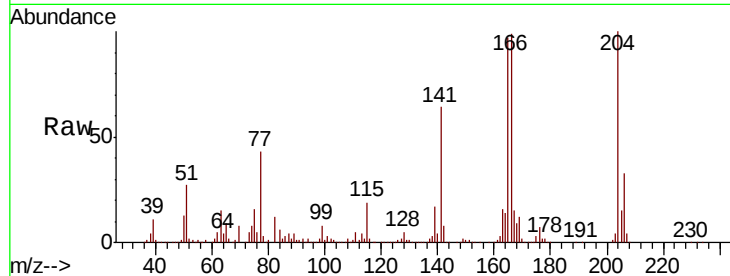
#61
 4-Chlorophenyl-phenylether
 Concen: 48.839 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	63.9	50.0	75.0

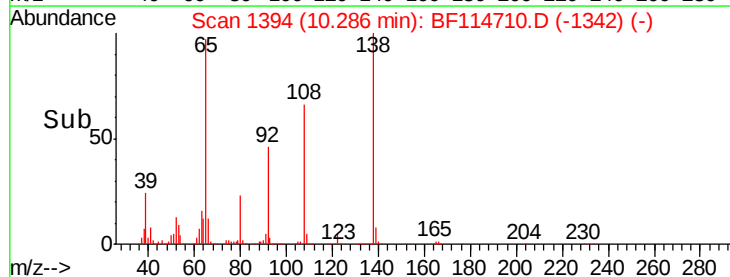
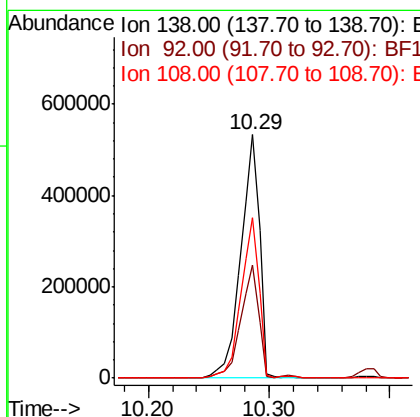
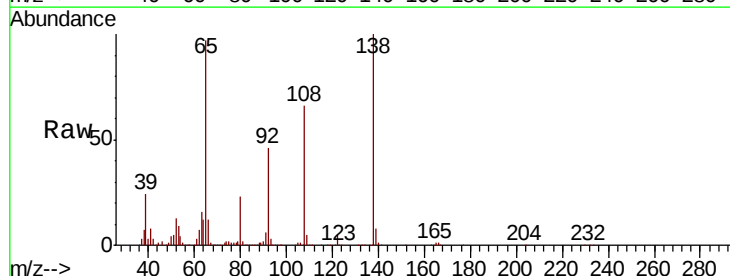
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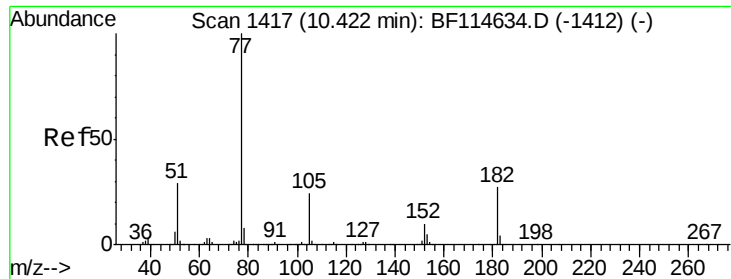
mohammad
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#62
 4-Nitroaniline
 Concen: 46.049 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	28.0	68.0
108	65.9	48.4	88.4





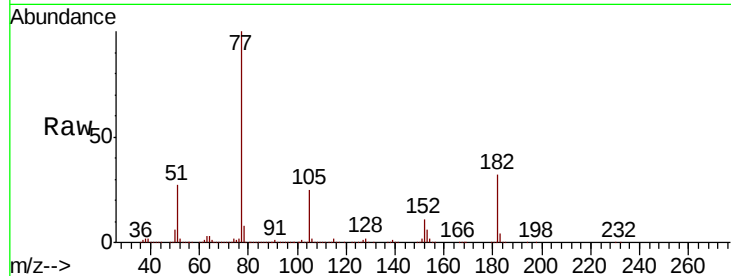
#63
Azobenzene
Concen: 44.643 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampled :
TP-6MSD

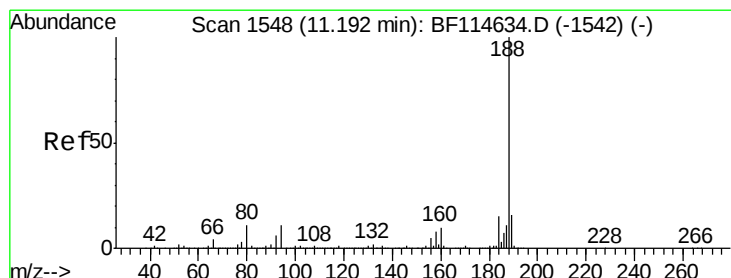
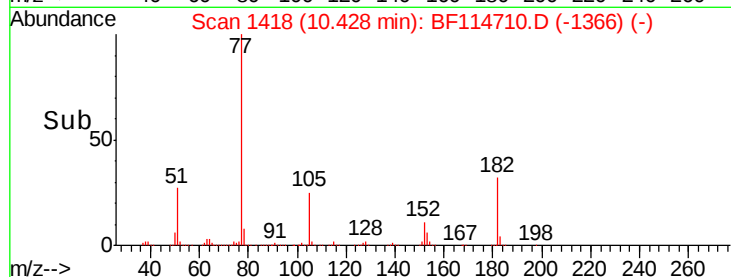
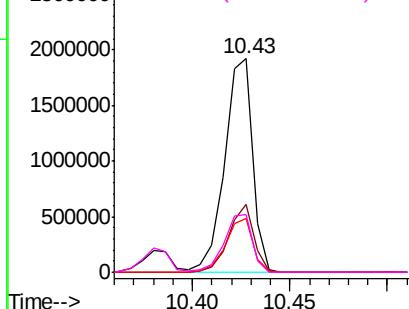
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	7.0	47.0
105	25.3	3.7	43.7
51	27.2	9.1	49.1

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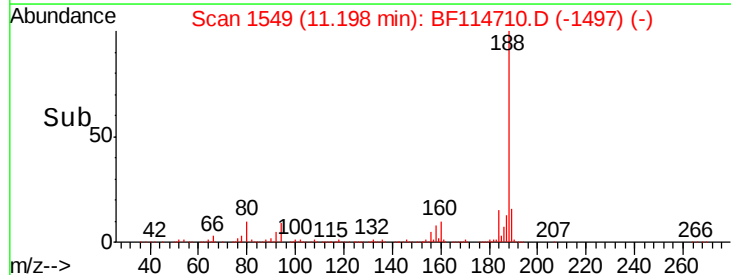
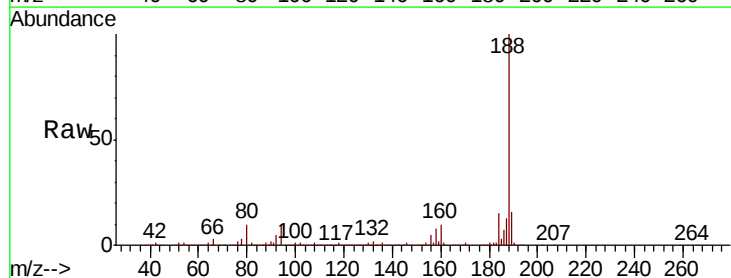
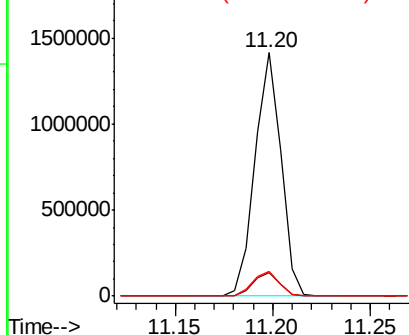
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

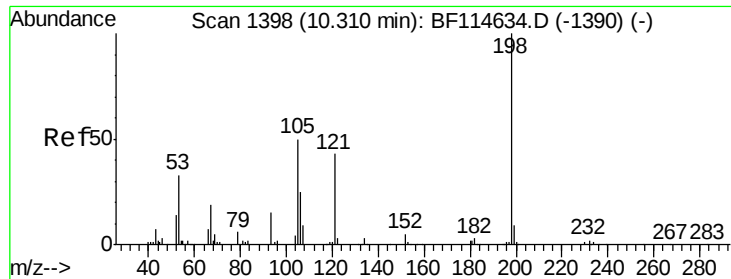


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	13.0
80	10.2	9.0	13.6

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





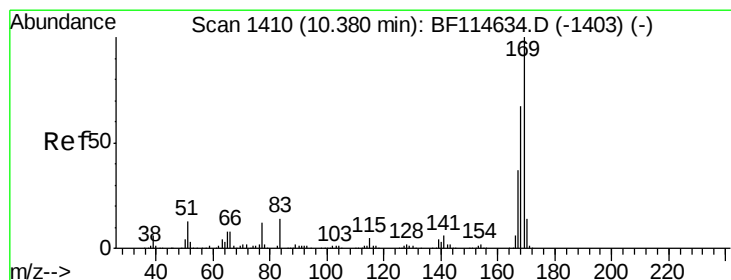
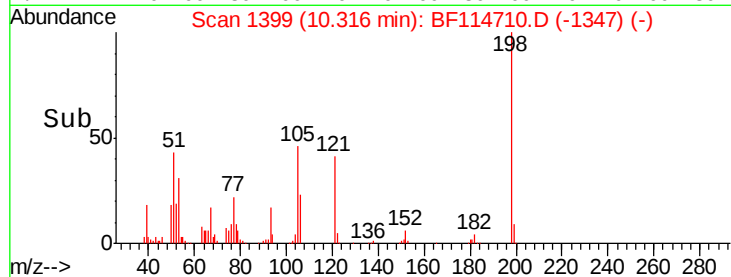
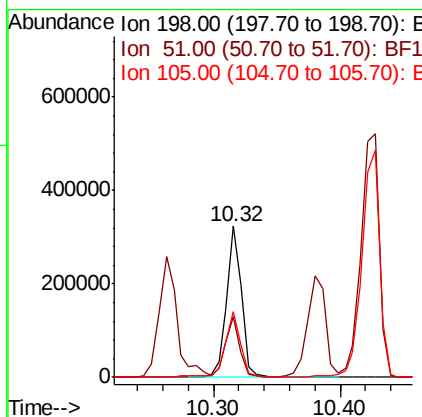
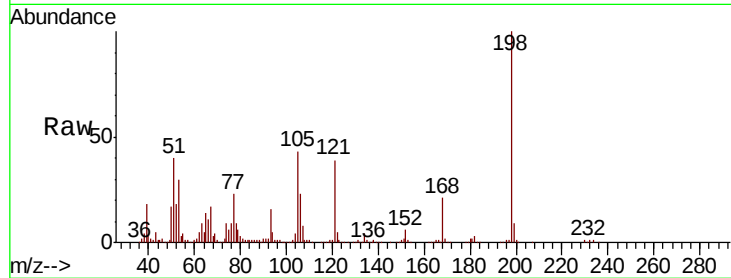
#65
4,6-Dinitro-2-methylphenol
Concen: 45.148 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	261879		
51	40.3	29.0	69.0	
105	43.3	30.4	70.4	

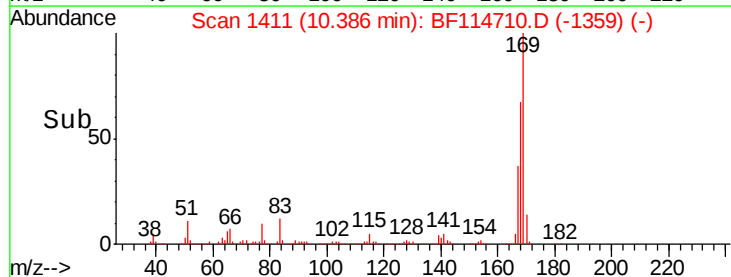
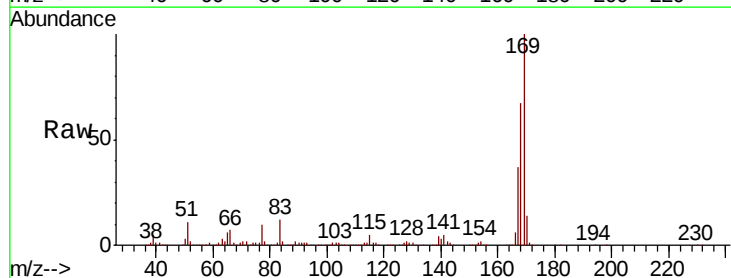
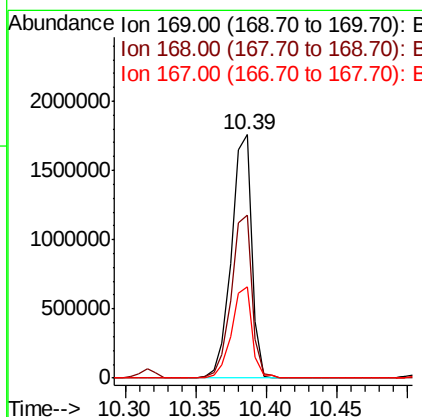
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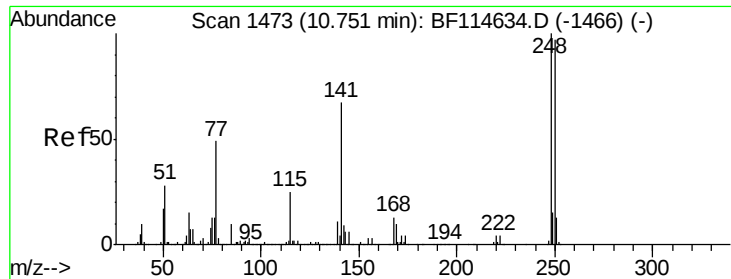
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#66
n-Nitrosodiphenylamine
Concen: 45.644 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1764116		
168	66.8	53.8	80.8	
167	37.5	29.8	44.6	





#67

4-Bromophenyl-phenylether

Concen: 43.630 ng

RT: 10.75 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

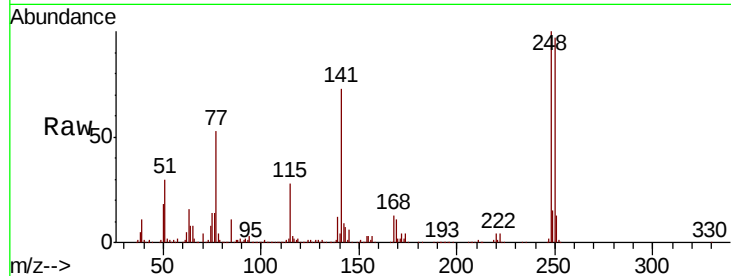
ClientSampled :

TP-6MSD

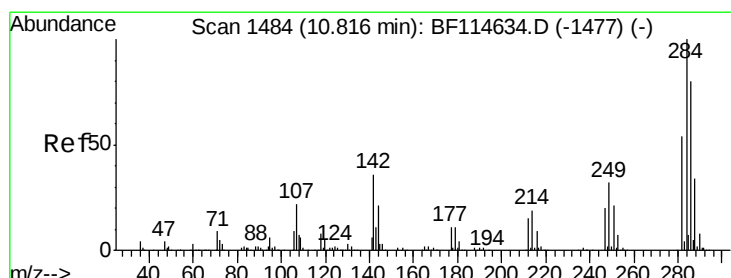
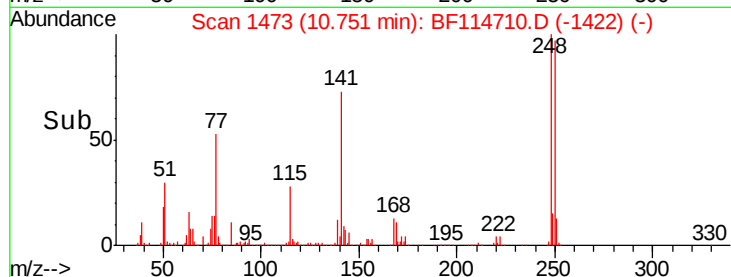
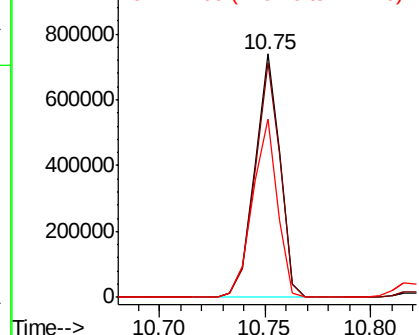
Tot Ion:	248	Resp:	612049
Ion Ratio	Lower	Upper	
248	100		
250	96.6	78.0	117.0
141	73.5	53.8	80.8

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.996 ng

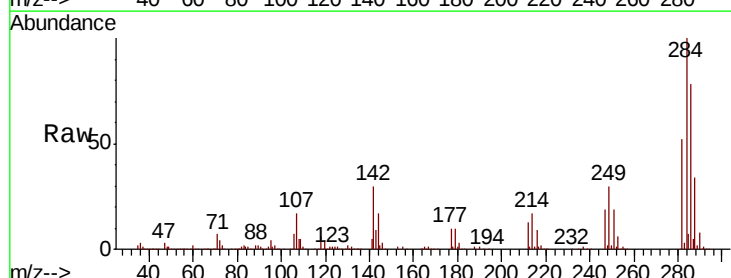
RT: 10.82 min Scan# 1485

Delta R.T. 0.01 min

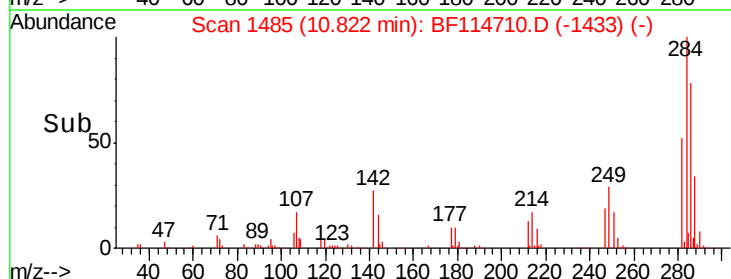
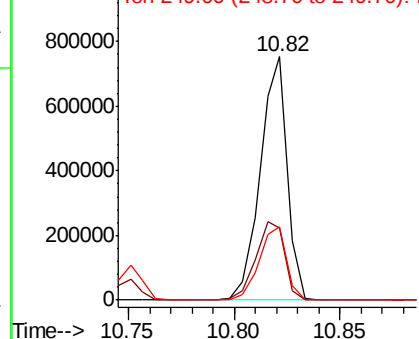
Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	284	Resp:	668483
Ion Ratio	Lower	Upper	
284	100		
142	29.8	28.9	43.3
249	30.2	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





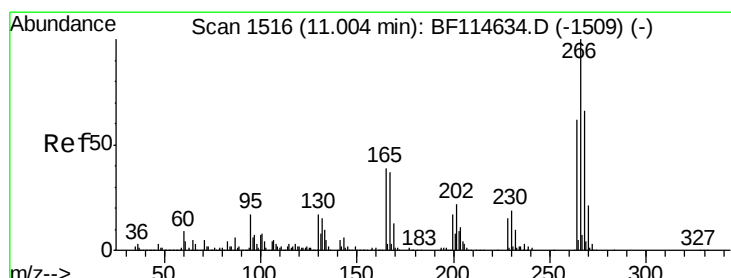
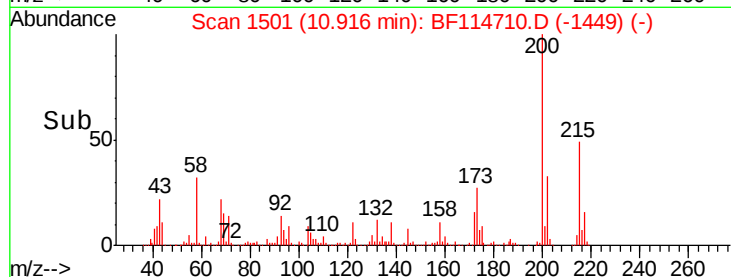
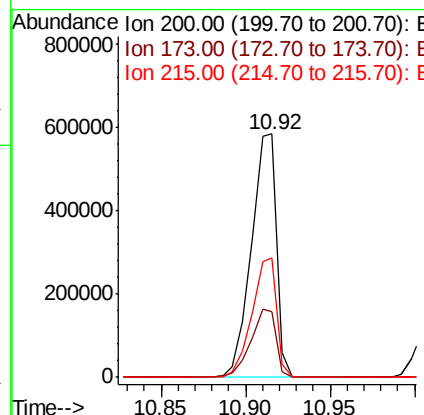
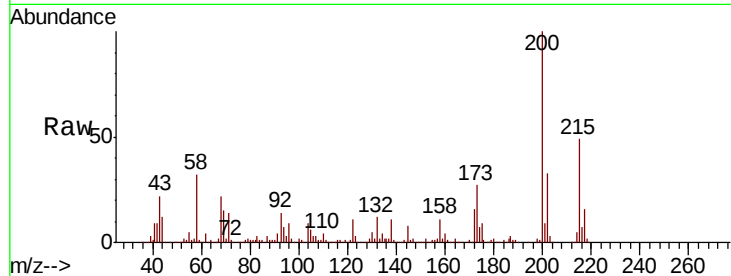
#69
Atrazine
Concen: 53.765 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	7.9	47.9
215	48.9	27.8	67.8

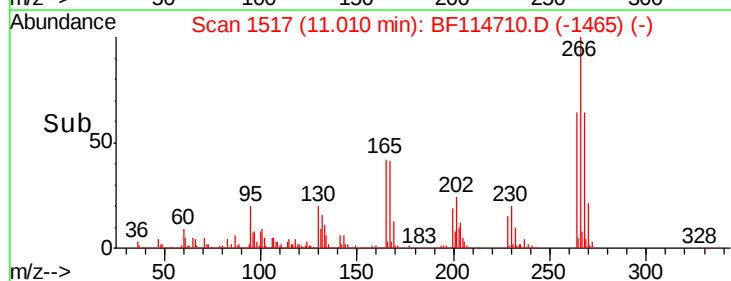
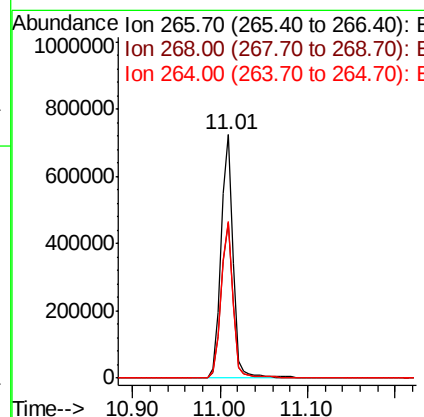
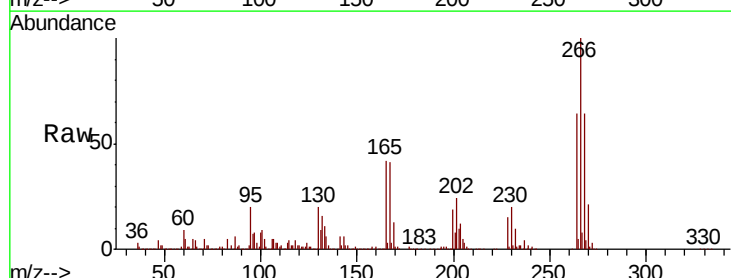
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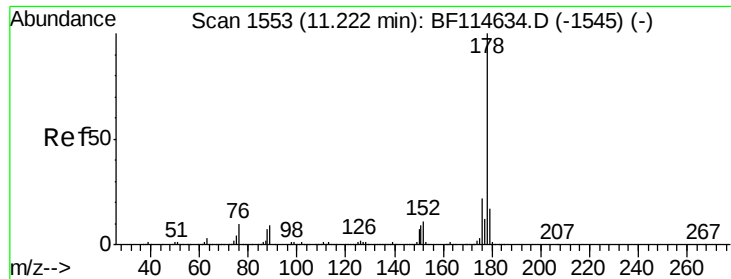
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#70
Pentachlorophenol
Concen: 80.301 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	52.8	79.2
264	64.4	49.9	74.9





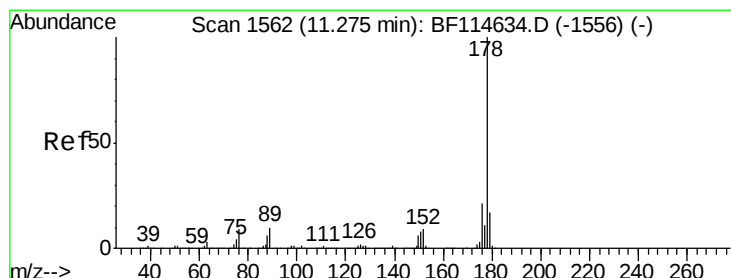
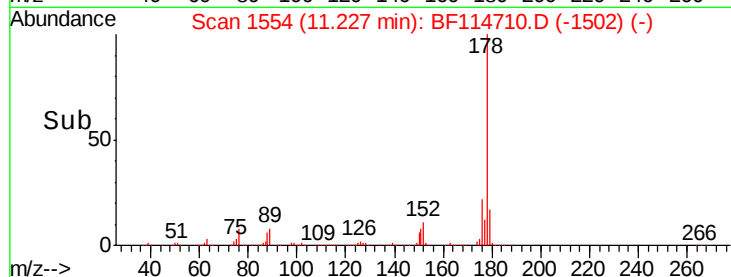
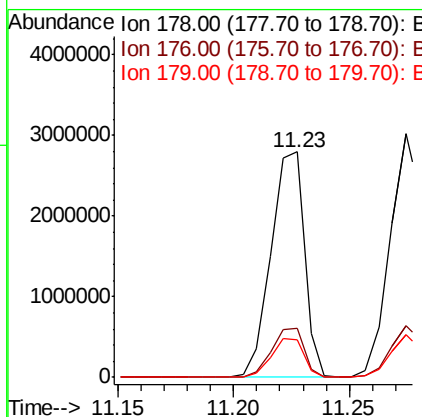
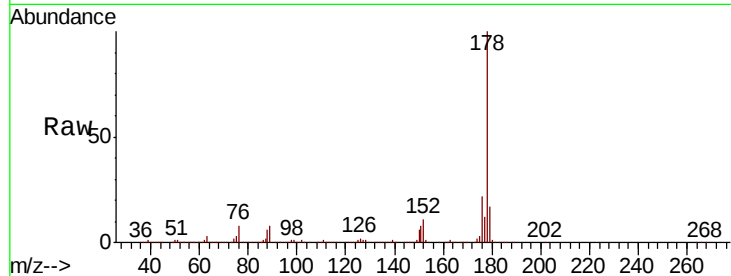
#71
Phenanthrene
Concen: 42.185 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.2	25.8
179	16.8	13.9	20.9

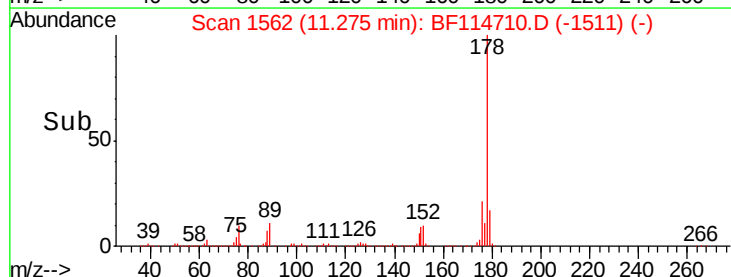
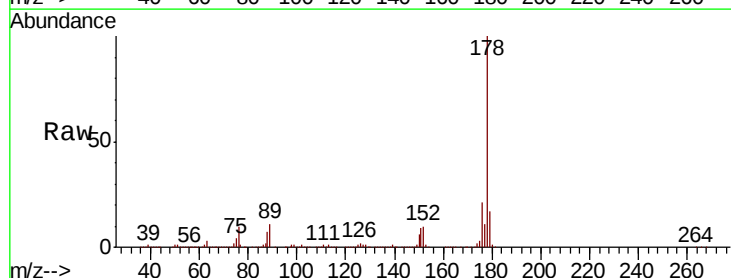
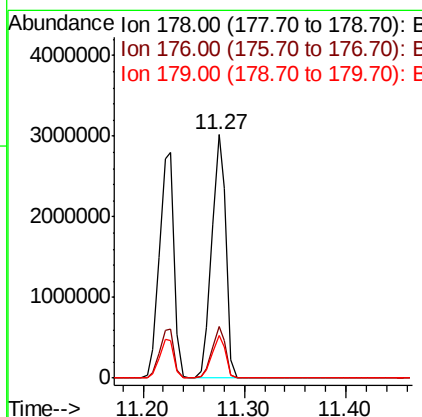
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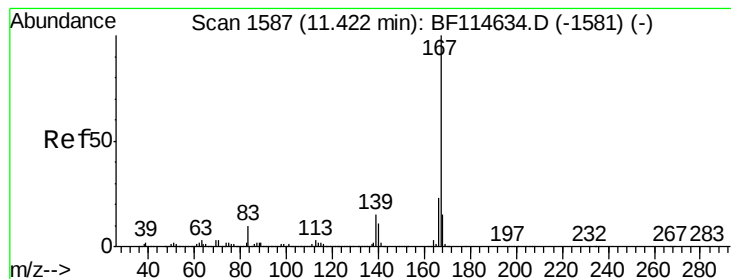
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#72
Anthracene
Concen: 43.150 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	24.8
179	17.5	13.4	20.0





#73

Carbazole

Concen: 46.494 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion:167 Resp: 2759721

Ion Ratio Lower Upper

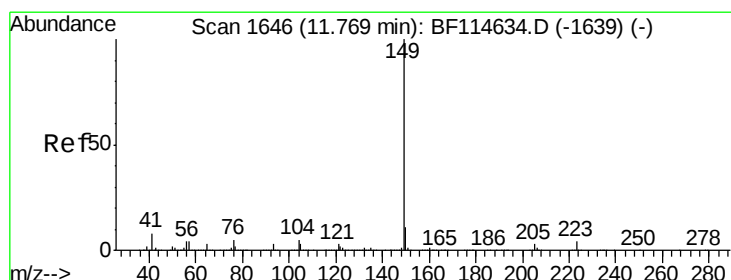
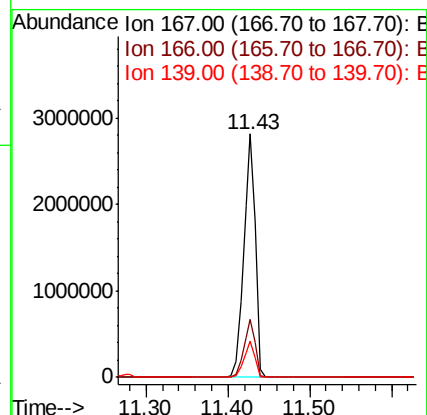
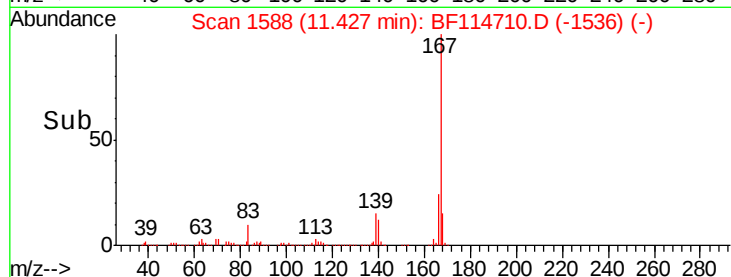
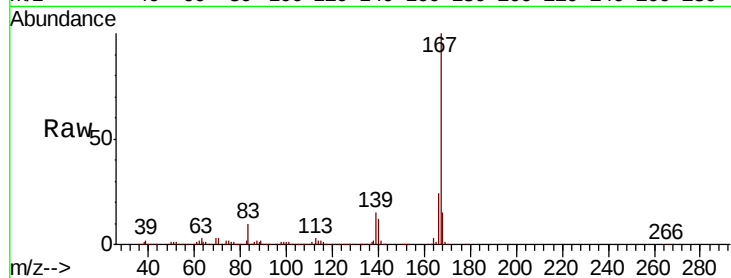
167 100

166 23.8 18.7 28.1

139 15.1 11.8 17.8

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#74

Di-n-butylphthalate

Concen: 42.712 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

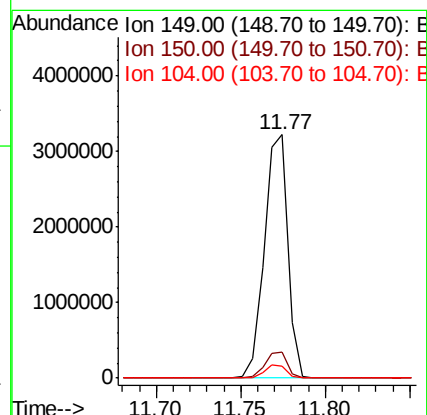
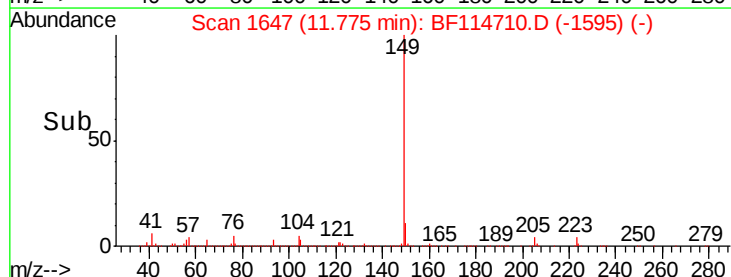
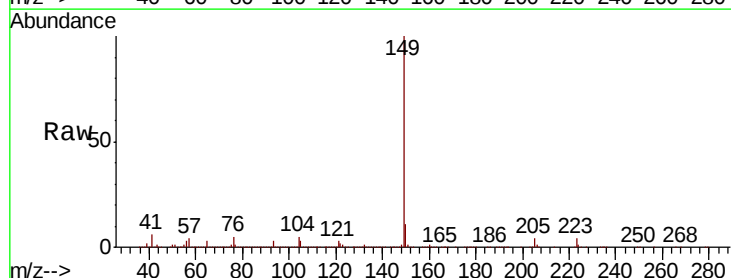
Tgt Ion:149 Resp: 3099812

Ion Ratio Lower Upper

149 100

150 10.6 8.6 12.8

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 43.155 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

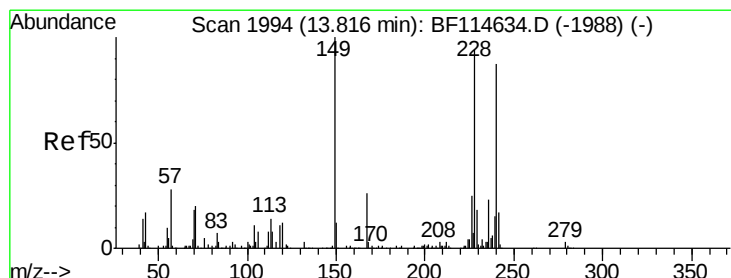
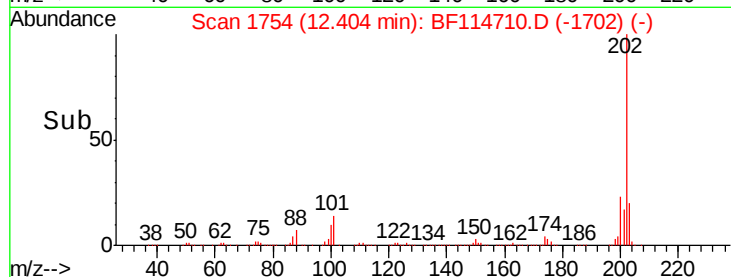
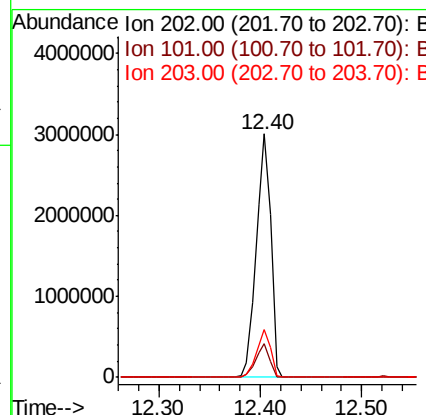
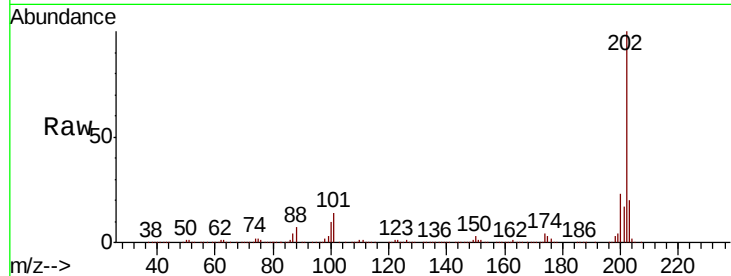
ClientSampleId :

TP-6MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.9
203	19.7	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

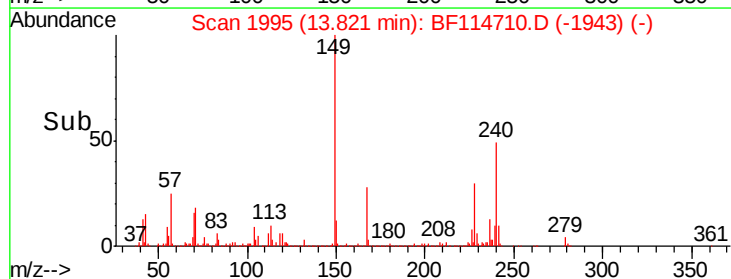
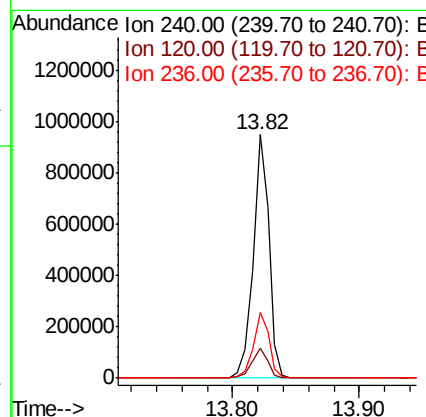
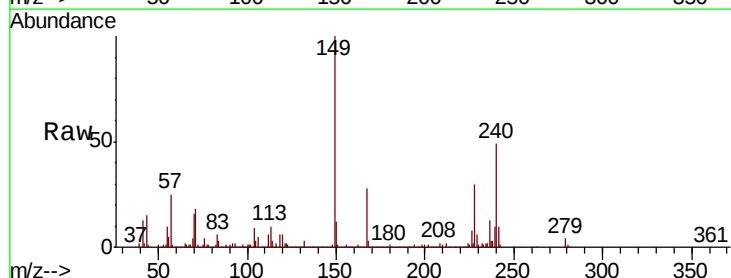
RT: 13.82 min Scan# 1995

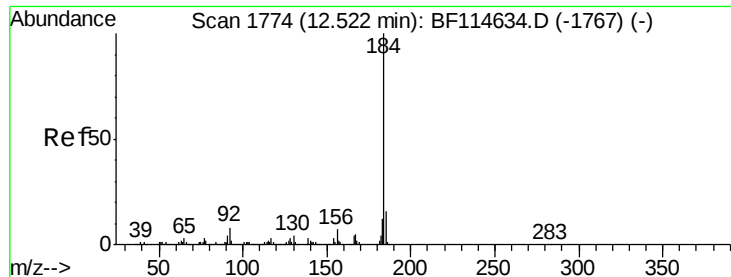
Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.2	16.8
236	27.1	21.2	31.8





#77

Benzidine

Concen: 10.332 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

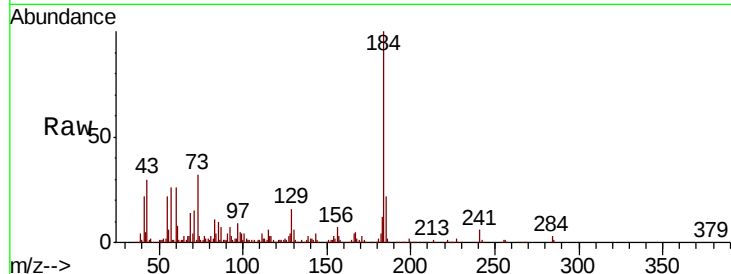
ClientSampled :

TP-6MSD

Tot Ion:	184	Resp:	348718
Ion Ratio	Lower	Upper	
184	100		
185	21.5	12.6	18.8#
183	11.7	9.4	14.2

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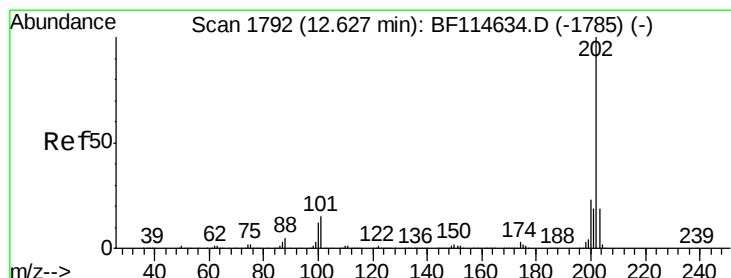
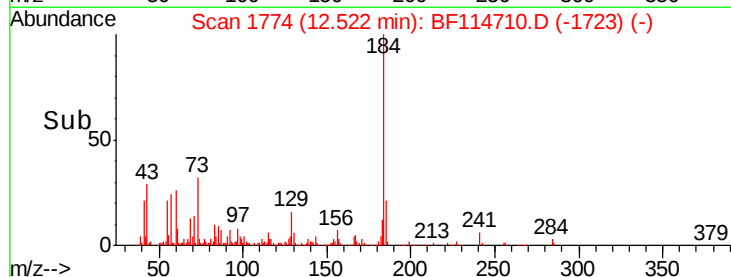
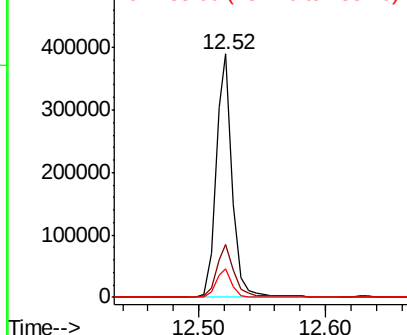


Abundance

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: 43.320 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

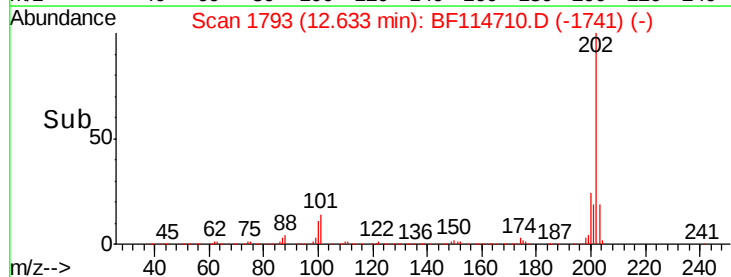
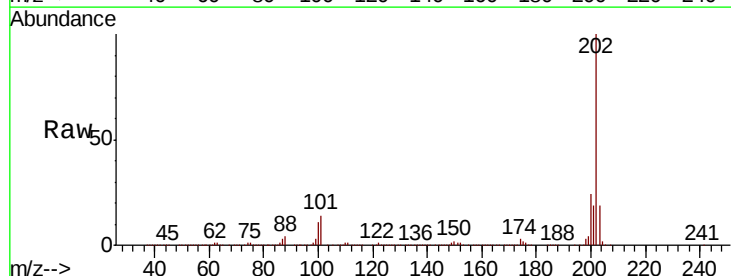
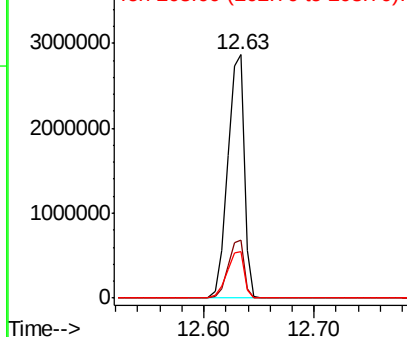
Tgt Ion:	202	Resp:	3003680
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.6	28.0
203	19.3	15.4	23.2

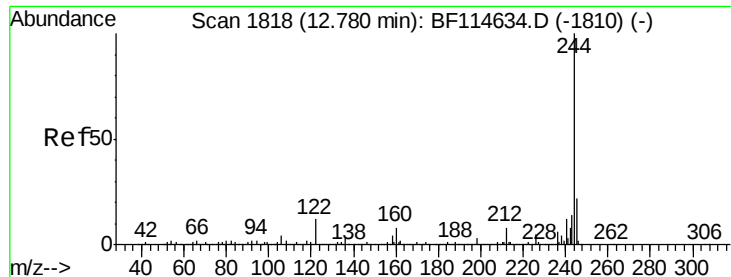
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.538 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion:244 Resp: 3511068

Ion Ratio Lower Upper

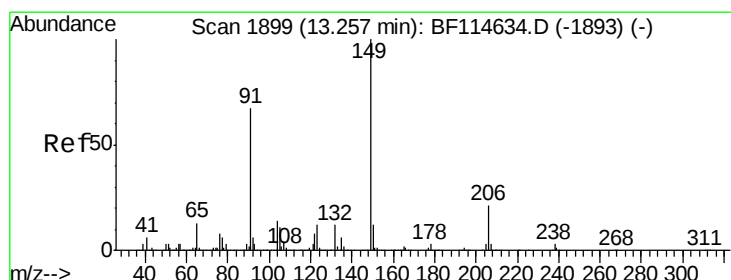
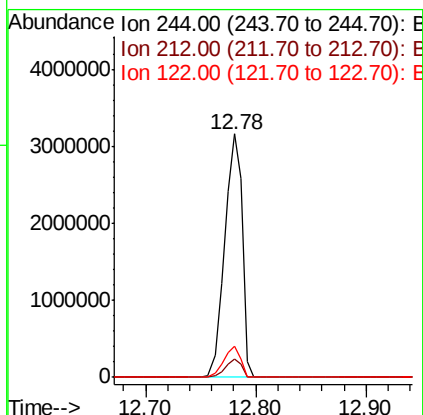
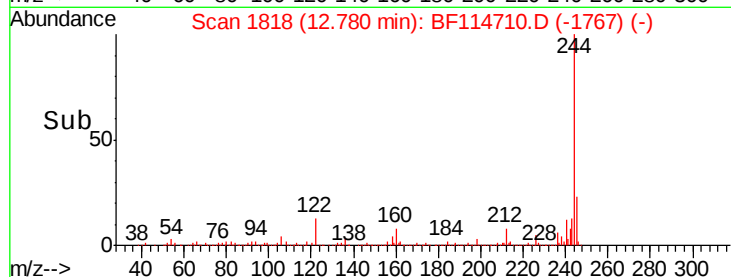
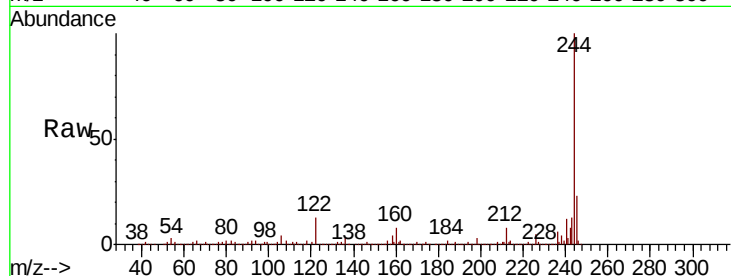
244 100

212 7.7 6.1 9.1

122 13.0 9.8 14.8

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#80

Butylbenzylphthalate

Concen: 44.055 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

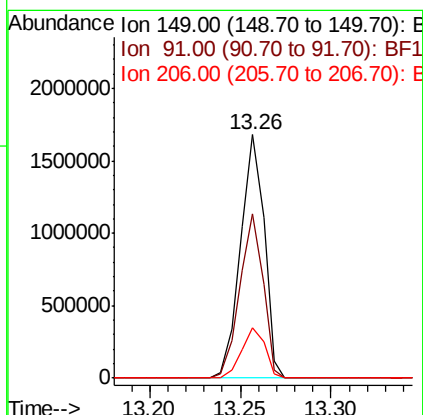
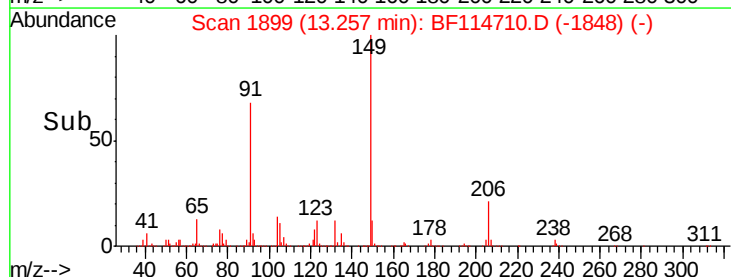
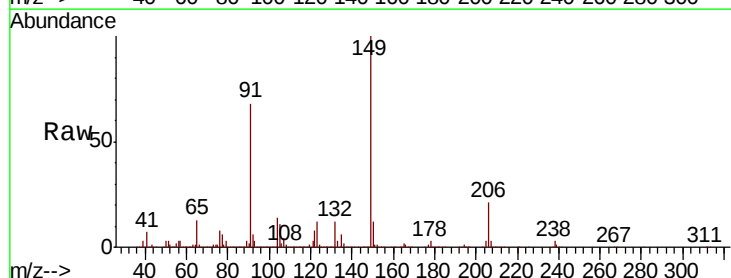
Tgt Ion:149 Resp: 1535124

Ion Ratio Lower Upper

149 100

91 67.7 53.8 80.8

206 20.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.106 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion:228 Resp: 2652139

Ion Ratio Lower Upper

228 100

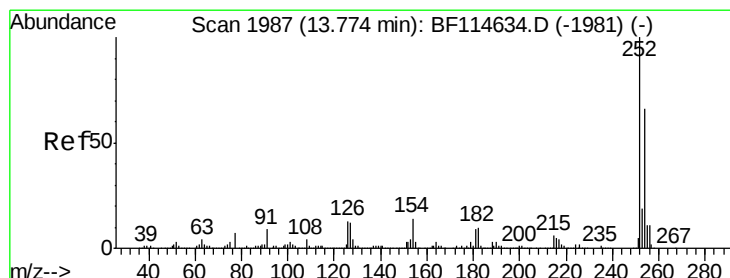
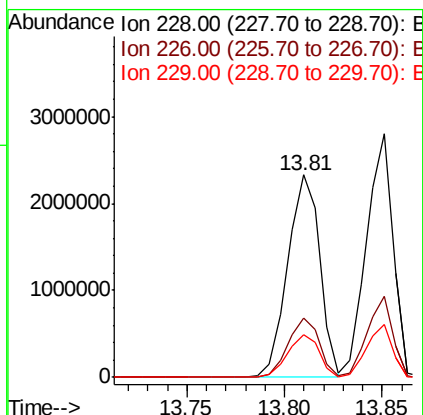
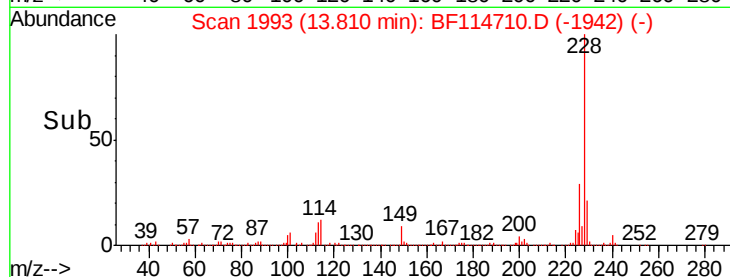
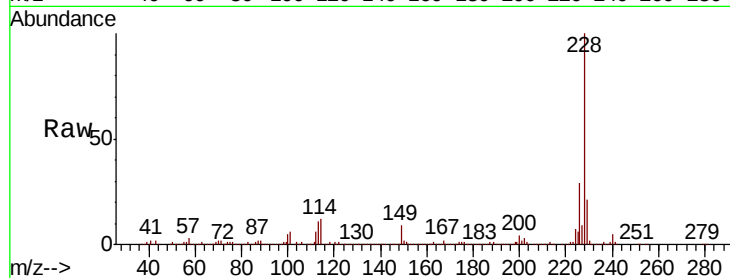
226 29.3 23.0 34.6

229 21.4 17.0 25.4

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#82

3,3'-Dichlorobenzidine

Concen: 22.703 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

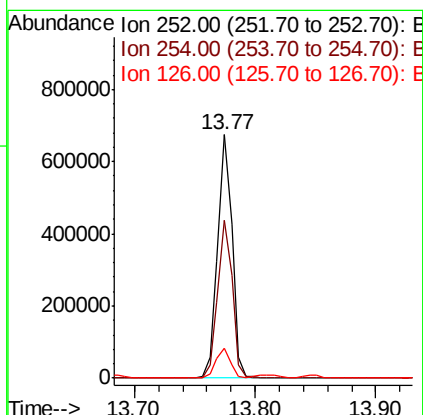
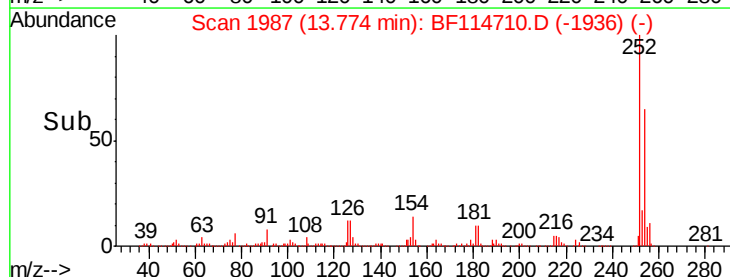
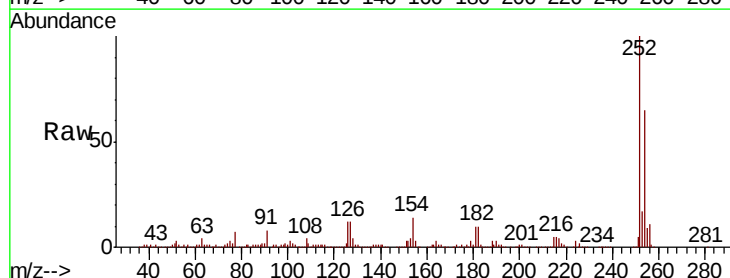
Tgt Ion:252 Resp: 552246

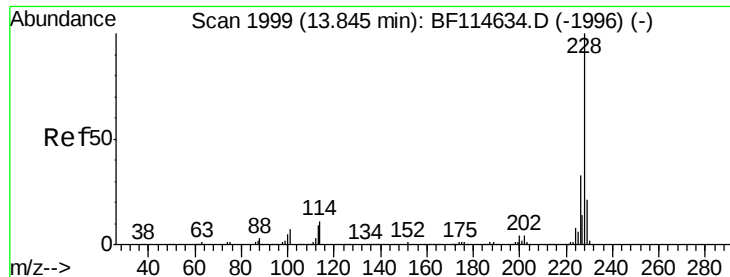
Ion Ratio Lower Upper

252 100

254 64.9 53.1 79.7

126 12.4 10.2 15.2





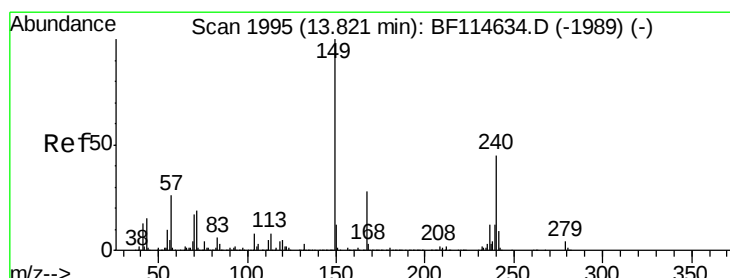
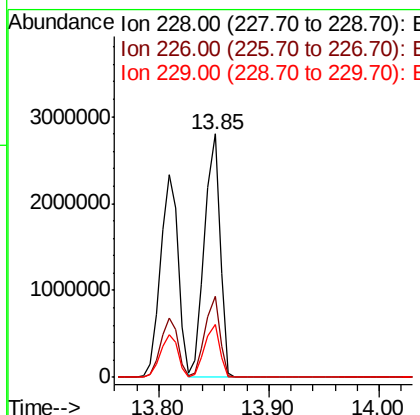
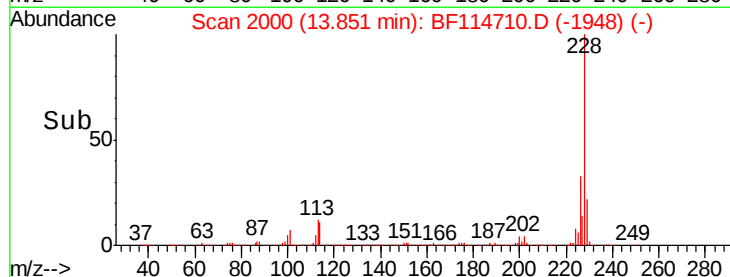
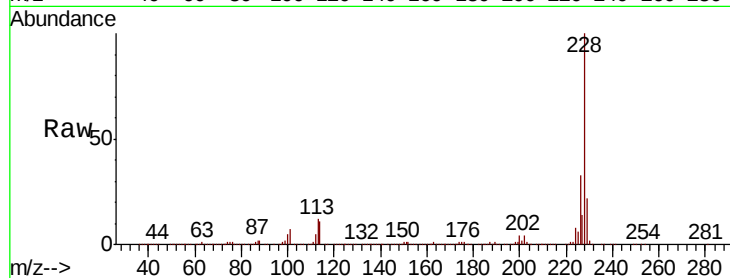
#83
 Chrysene
 Concen: 44.110 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	33.3	26.4	39.6	
229	21.7	17.1	25.7	

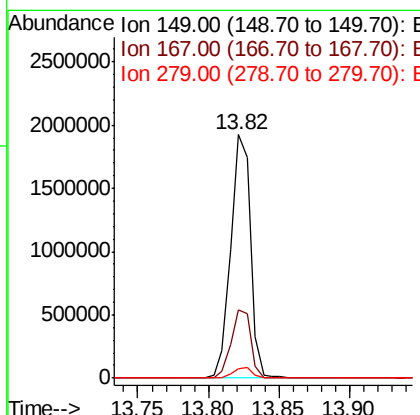
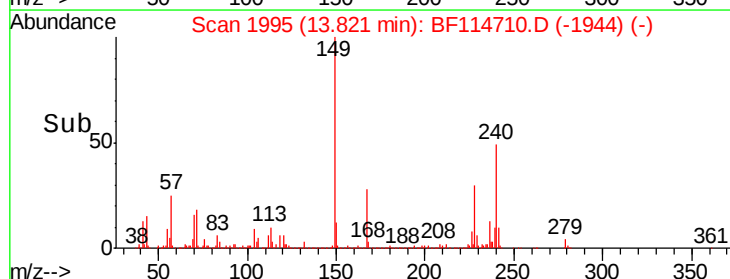
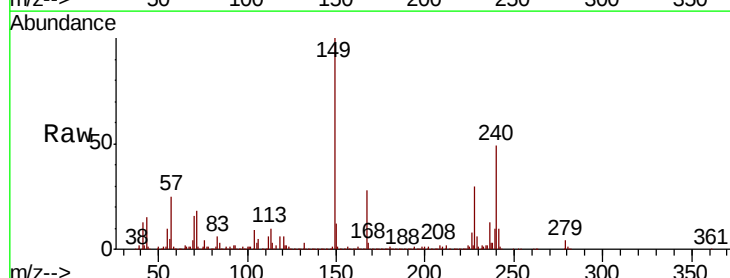
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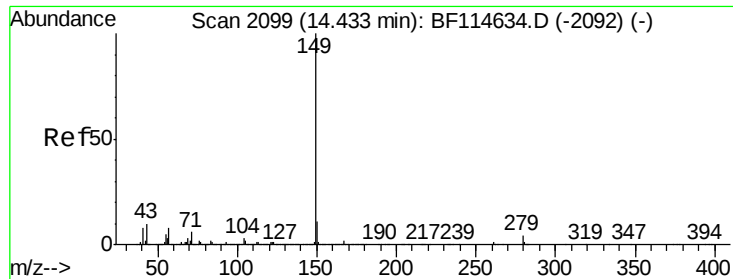
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.319 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF114710.D
 Acq: 31 May 2019 16:05

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.0	22.6	33.8	
279	3.8	3.0	4.4	





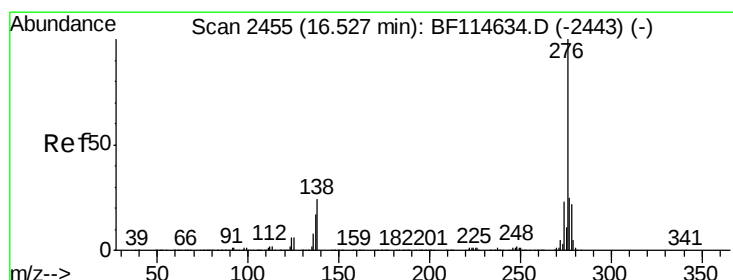
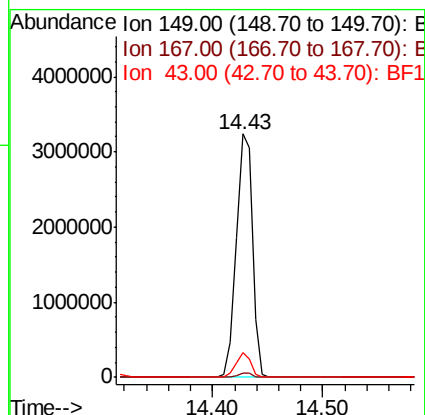
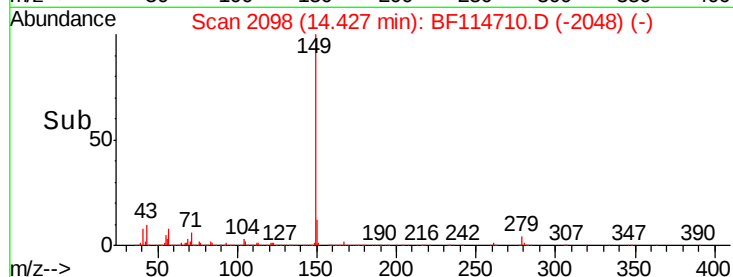
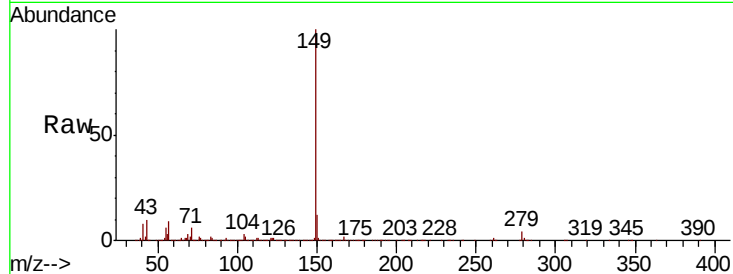
#85
Di-n-octyl phthalate
Concen: 44.848 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	8.0	12.0

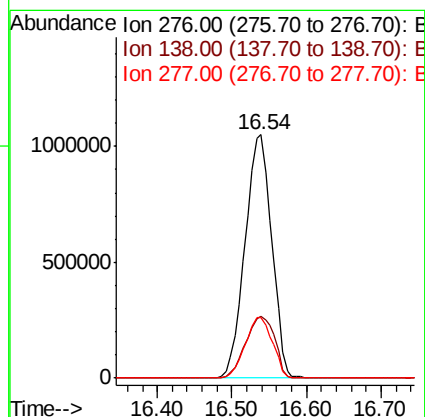
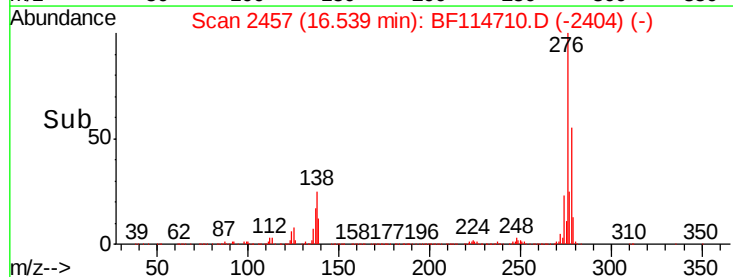
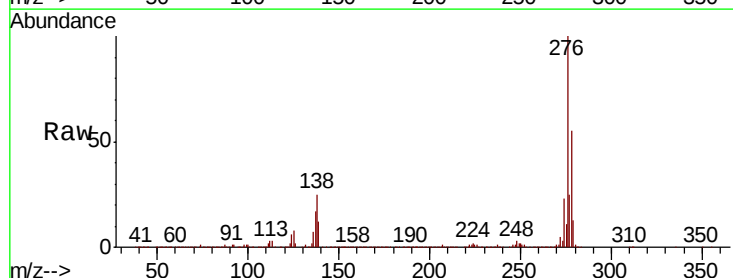
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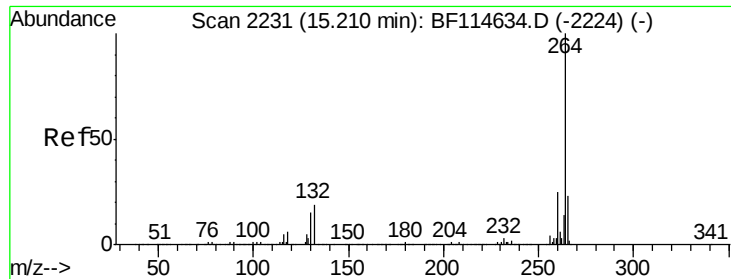
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.247 ng
RT: 16.54 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.0	34.6
277	25.6	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

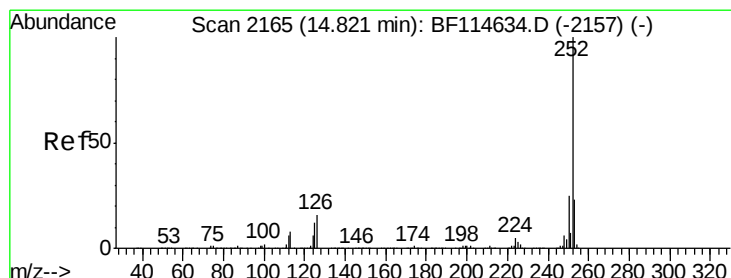
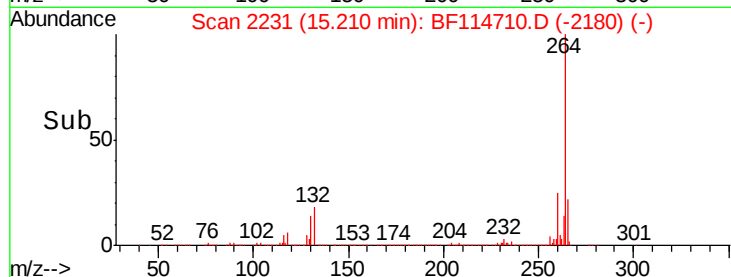
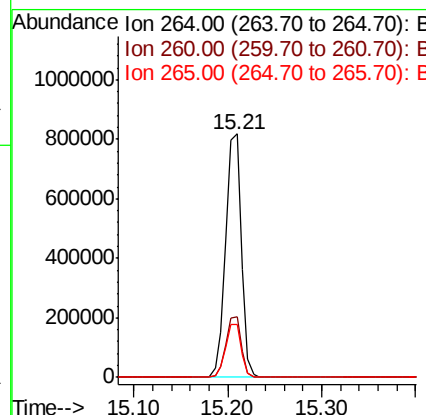
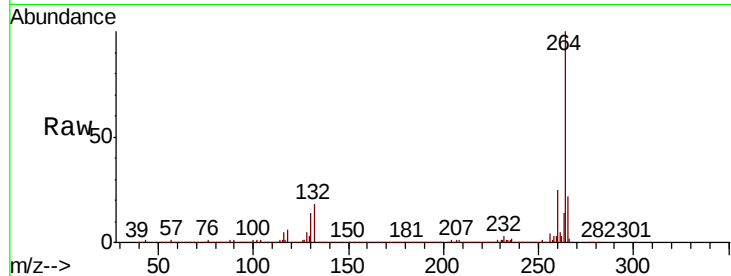
ClientSampleId :

TP-6MSD

Tot Ion:	264	Resp:	957230
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.7	29.5
265	21.7	18.1	27.1

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#88

Benzo(b)fluoranthene

Concen: 44.378 ng

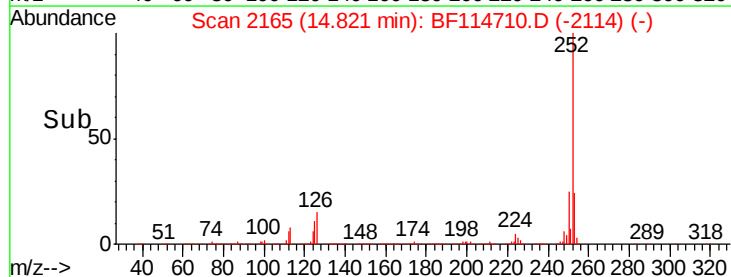
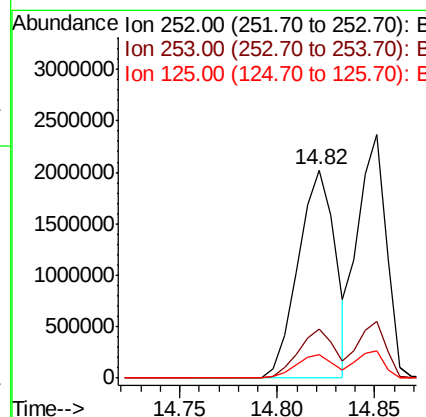
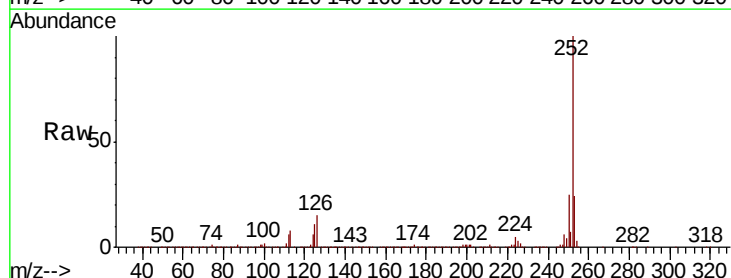
RT: 14.82 min Scan# 2165

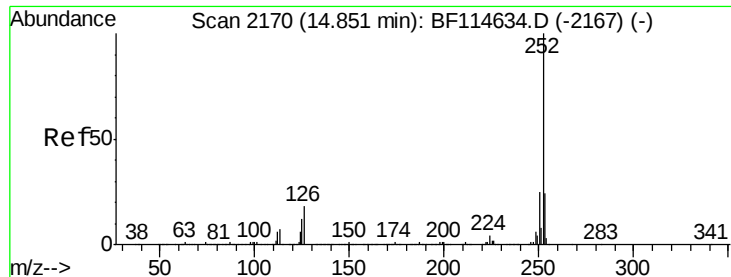
Delta R.T. 0.00 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Tgt Ion:	252	Resp:	2675563
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.7	28.1
125	11.4	9.4	14.2





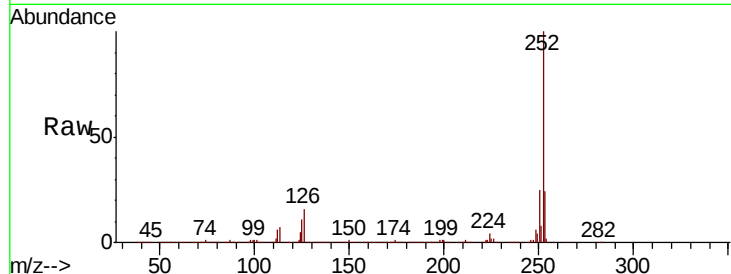
#89
Benzo(k)fluoranthene
Concen: 45.843 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	11.2	9.5	14.3

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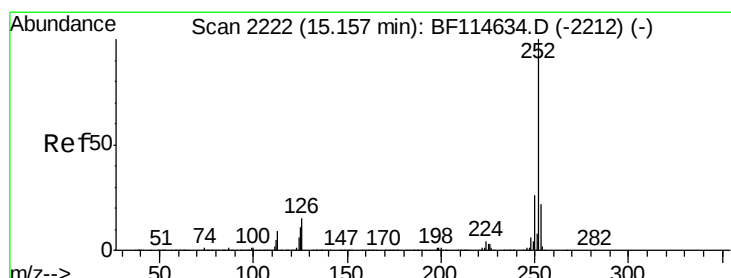
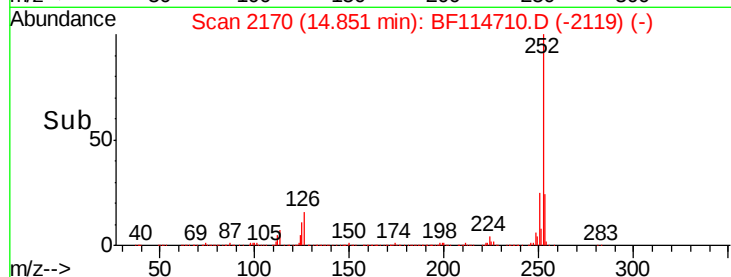
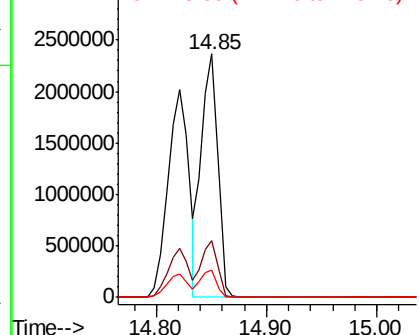


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.664 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF114710.D
Acq: 31 May 2019 16:05

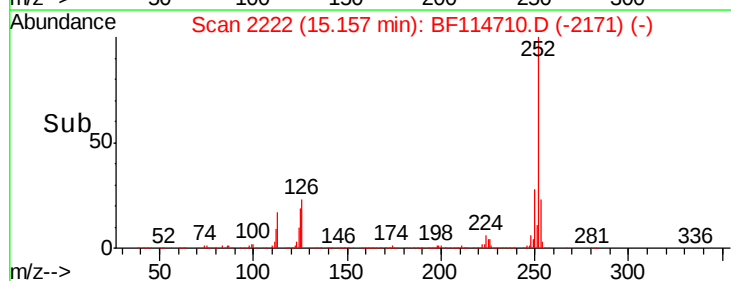
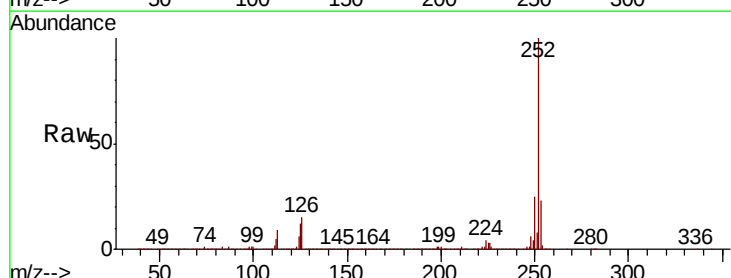
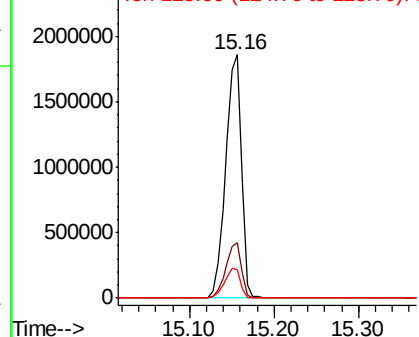
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	9.2	13.8

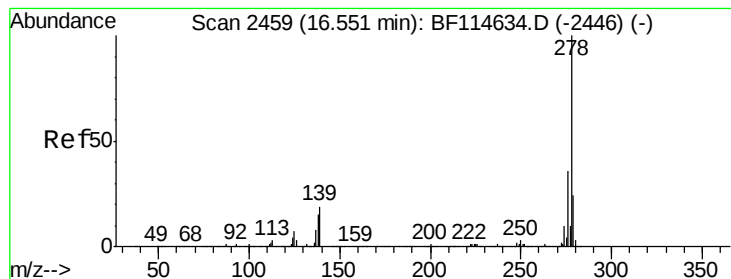
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.666 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-6MSD

Tot Ion:278 Resp: 2137272

Ion Ratio Lower Upper

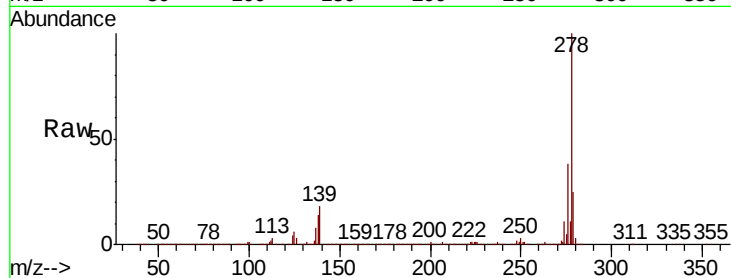
278 100

139 17.9 14.9 22.3

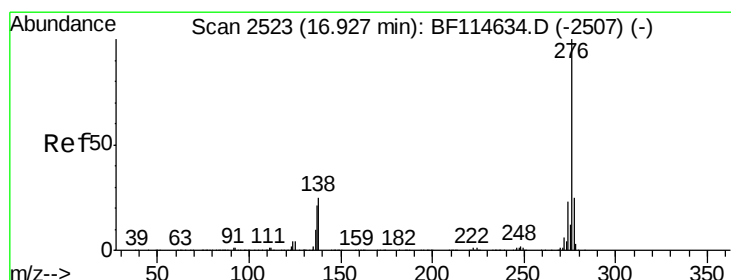
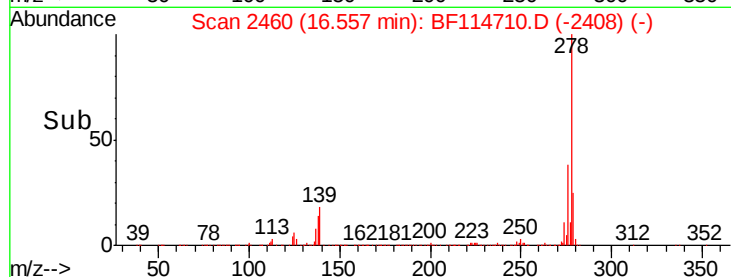
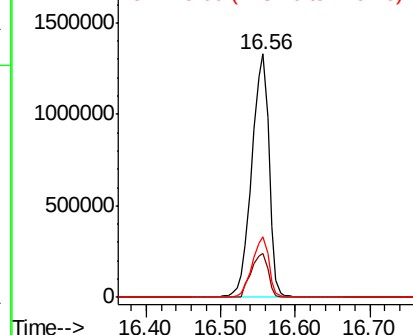
279 24.7 19.5 29.3

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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: 49.312 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114710.D

Acq: 31 May 2019 16:05

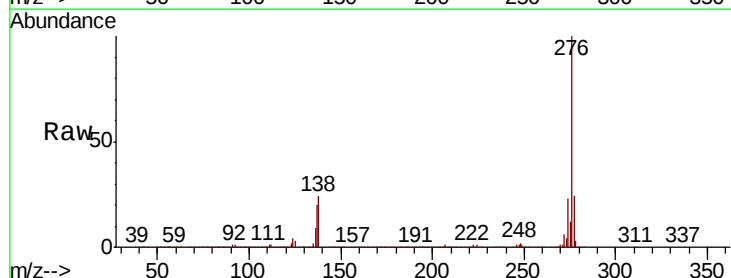
Tgt Ion:276 Resp: 2239992

Ion Ratio Lower Upper

276 100

277 23.5 19.7 29.5

138 23.8 19.8 29.8



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

