

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125721.D
 Acq On : 29 Sep 2021 21:56
 Operator : JU/CG
 Sample : M3964-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

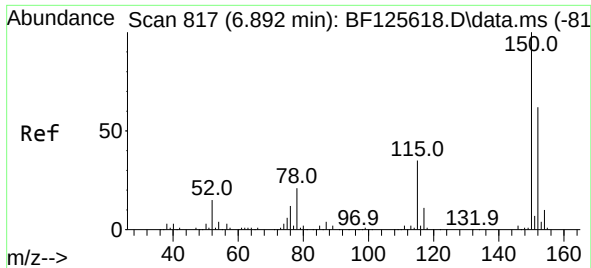
Instrument :
 BNA_F
 ClientSampleId :
 CC-10

Quant Time: Sep 30 03:29:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	257274	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1009145	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	495292	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	725921	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	549356	20.000	ng	0.00
86) Perylene-d12	15.515	264	484927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1545577	98.978	ng	0.00
7) Phenol-d6	6.510	99	1894705	90.251	ng	0.00
23) Nitrobenzene-d5	7.445	82	1123146	77.630	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	430716	93.270	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2099628	74.521	ng	0.00
79) Terphenyl-d14	12.992	244	1797375	56.659	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.528	42	60090	9.213	ng	# 13
9) Benzaldehyde	6.434	77	926	Below Cal		# 67
19) n-Nitroso-di-n-propyla...	7.445	70	144012	12.048	ng	# 50
25) Isophorone	7.445	82	1120691	34.587	ng	# 59
32) Benzoic acid	7.857	122	235	8.646	ng	# 28
48) 2-Nitroaniline	9.351	65	630	4.238	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	3439	4.580	ng	# 26
53) 3-Nitroaniline	9.675	138	123	3.158	ng	# 91
57) 2,4-Dinitrotoluene	9.922	165	61045	11.283	ng	# 19
62) 4-Nitroaniline	10.569	138	6379	2.701	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.710	198	1021	9.248	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	23963	3.145	ng	# 1
74) Di-n-butylphthalate	11.968	149	401056	10.049	ng	98
80) Butylbenzylphthalate	13.463	149	82034	4.990	ng	94
84) Bis(2-ethylhexyl)phtha...	14.027	149	101613	5.399	ng	# 98

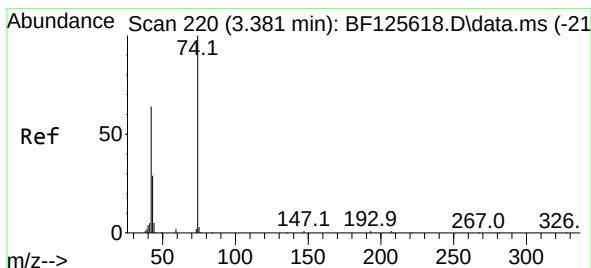
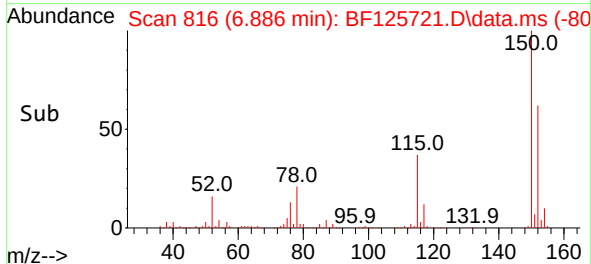
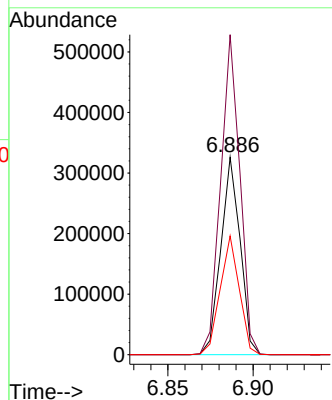
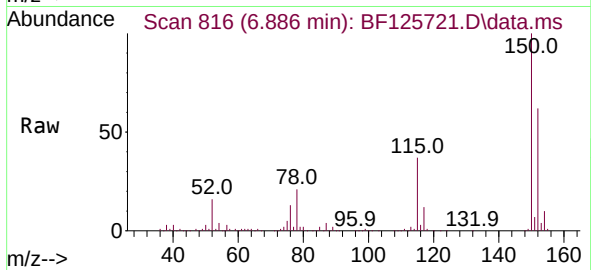
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125721.D
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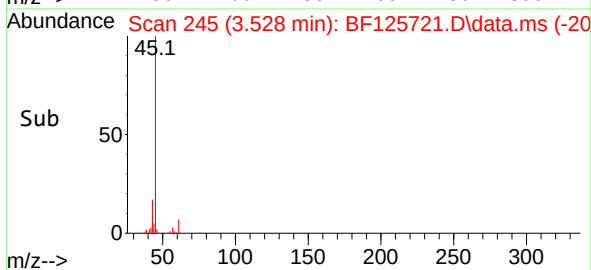
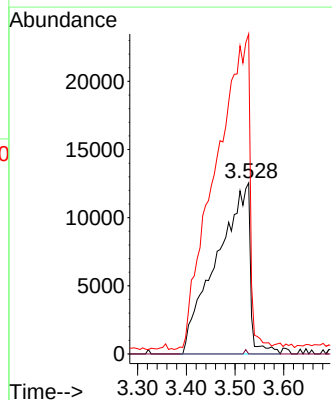
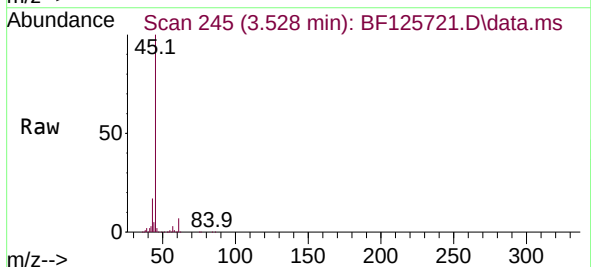
Instrument :
BNA_F
ClientSampleId :
CC-10

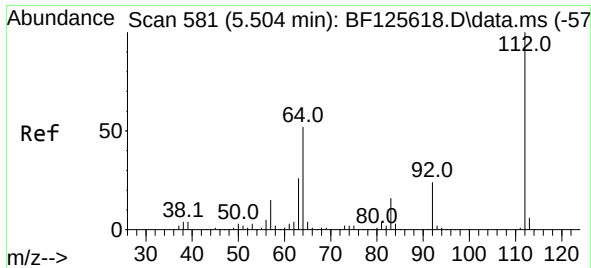
Tgt Ion:152 Resp: 257274
Ion Ratio Lower Upper
152 100
150 162.1 117.6 176.4
115 60.1 47.1 70.7



#4
n-Nitrosodimethylamine
Concen: 9.213 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.147 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion: 42 Resp: 60090
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 187.0 0.0 0.0#

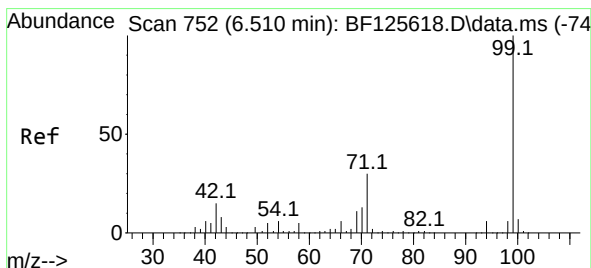
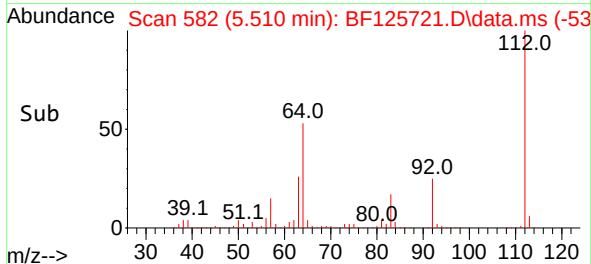
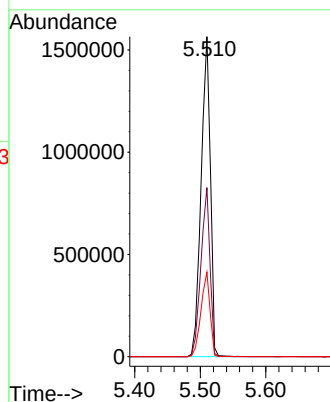
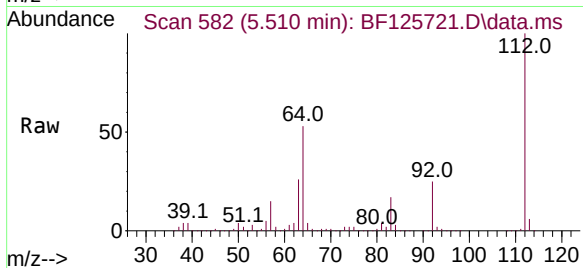




#5
2-Fluorophenol
Concen: 98.978 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

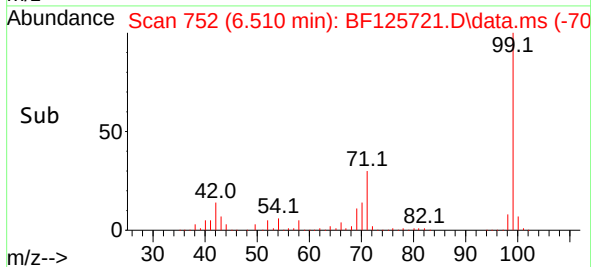
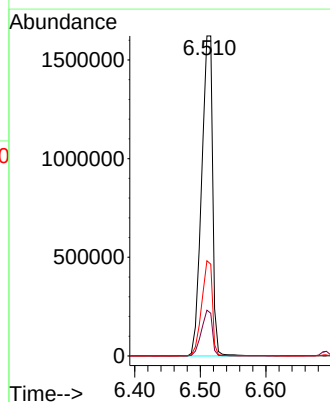
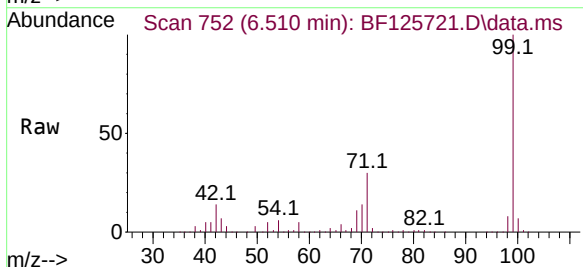
Instrument :
BNA_F
ClientSampleId :
CC-10

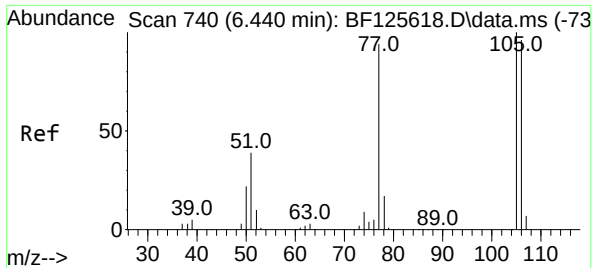
Tgt Ion:112 Resp: 1545577
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 26.4 26.2 39.2



#7
Phenol-d6
Concen: 90.251 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion: 99 Resp: 1894705
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.8 25.6 38.4

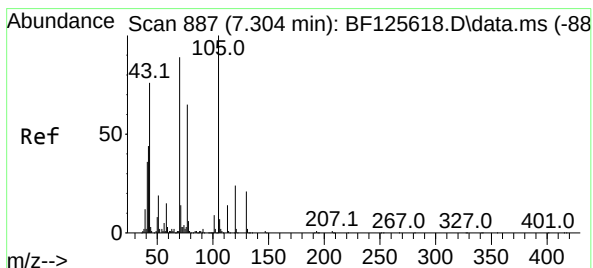
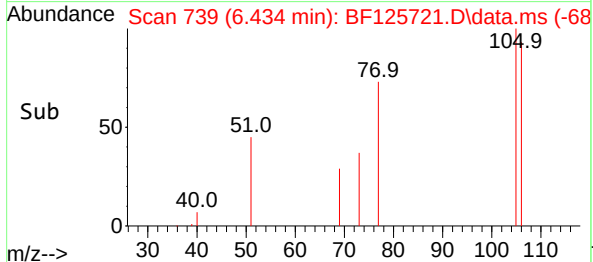
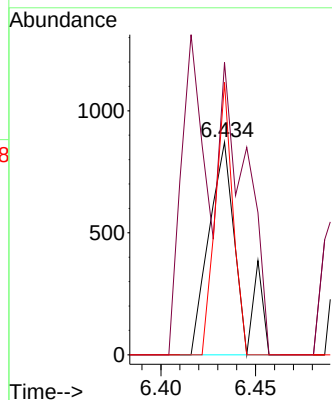
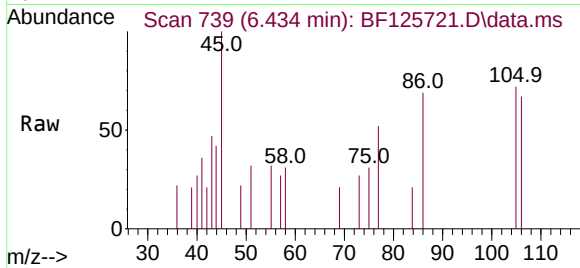




#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

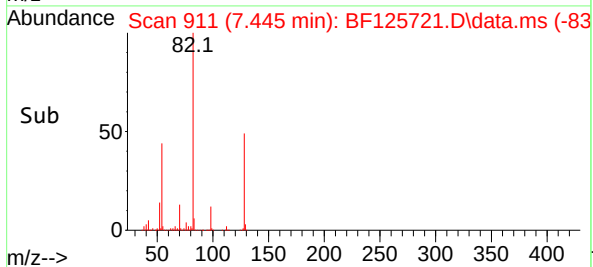
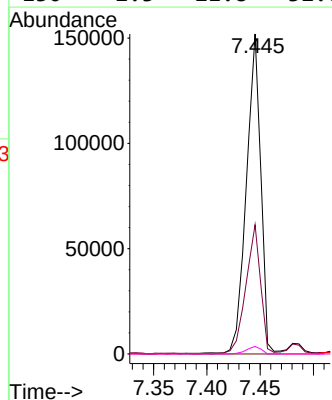
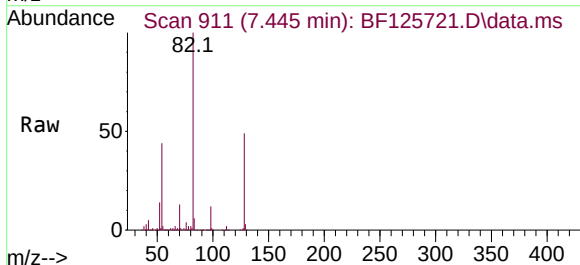
Instrument :
BNA_F
ClientSampleId :
CC-10

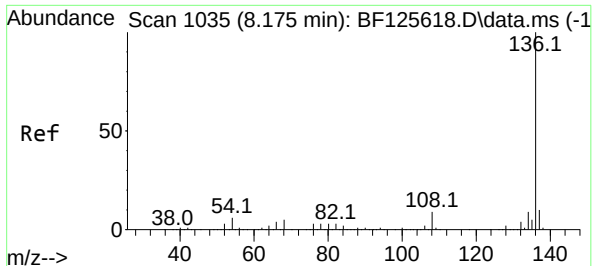
Tgt Ion: 77 Resp: 926
Ion Ratio Lower Upper
77 100
105 137.5 75.9 115.9#
106 128.1 84.0 124.0#



#19
n-Nitroso-di-n-propylamine
Concen: 12.048 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

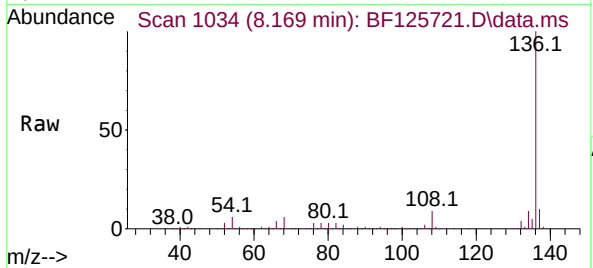
Tgt Ion: 70 Resp: 144012
Ion Ratio Lower Upper
70 100
42 40.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



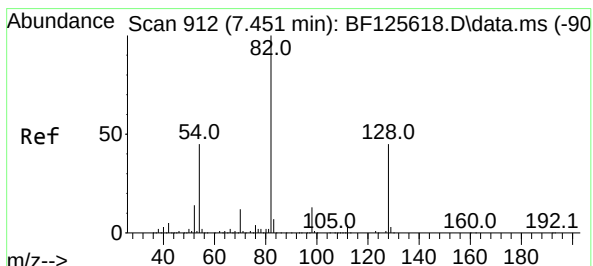
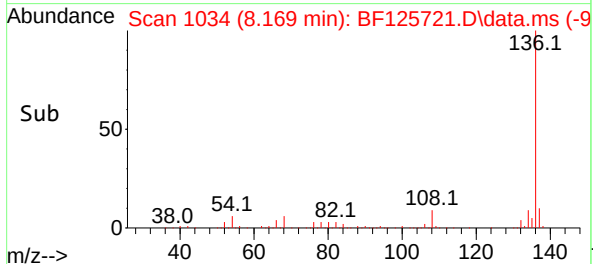
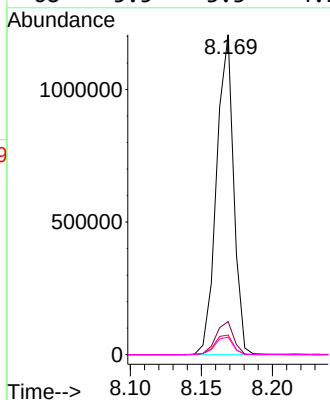


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Instrument :
BNA_F
ClientSampleId :
CC-10

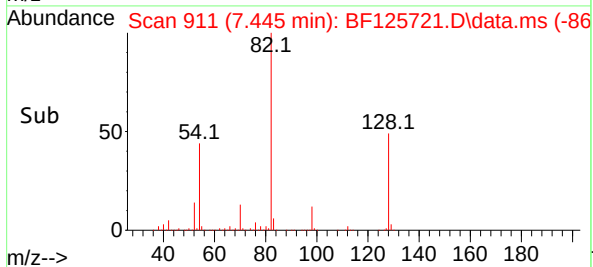
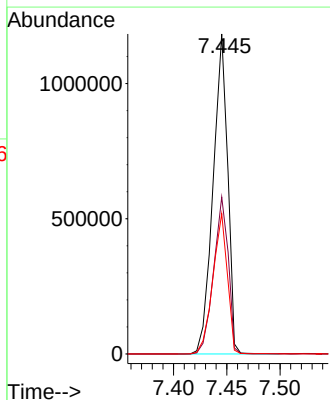
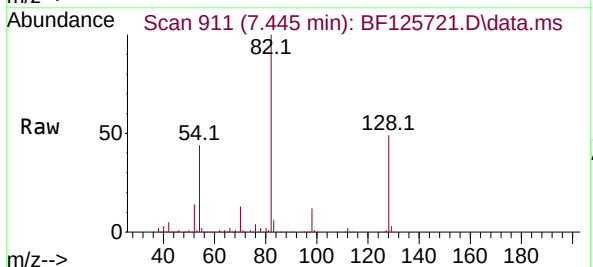


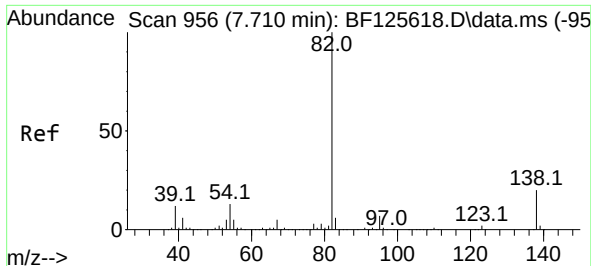
Tgt Ion:136 Resp: 1009145
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.1 6.4 9.6#
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.630 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion: 82 Resp: 1123146
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 43.9 49.6 74.4#

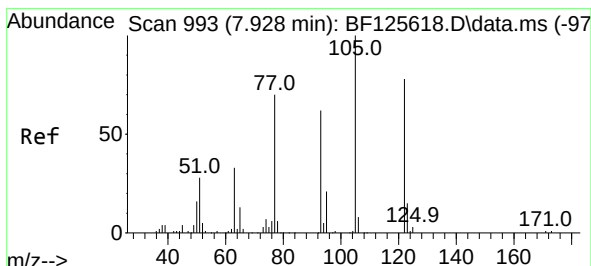
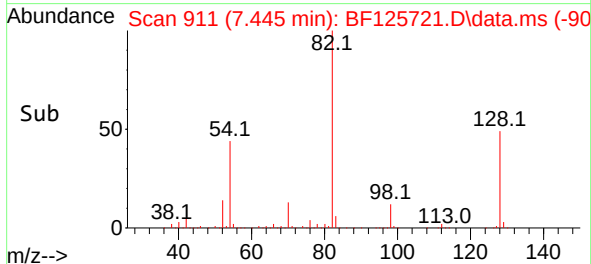
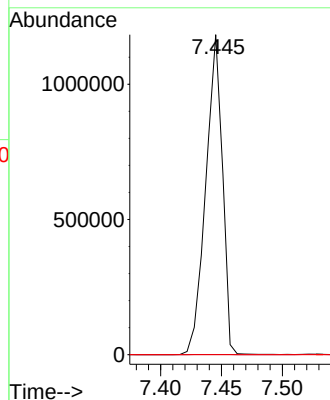
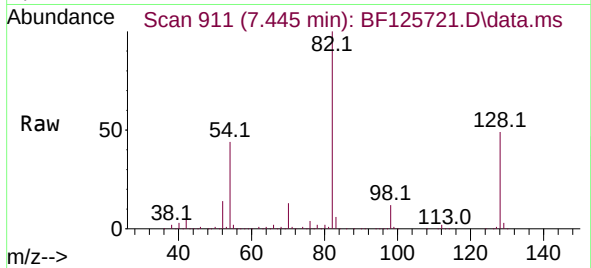




#25
Isophorone
Concen: 34.587 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

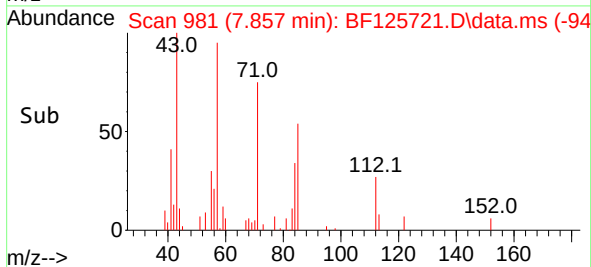
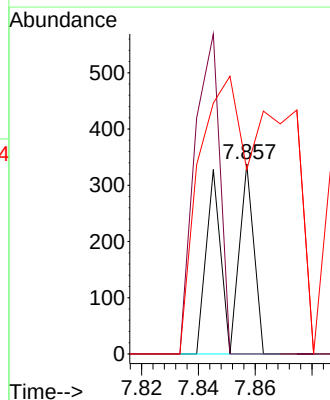
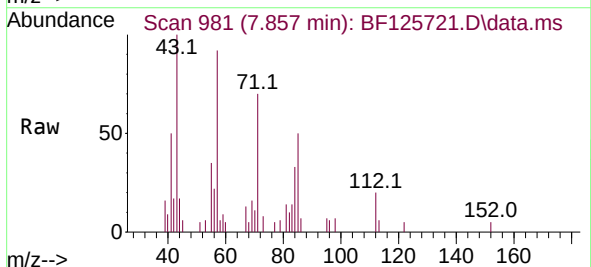
Instrument :
BNA_F
ClientSampled :
CC-10

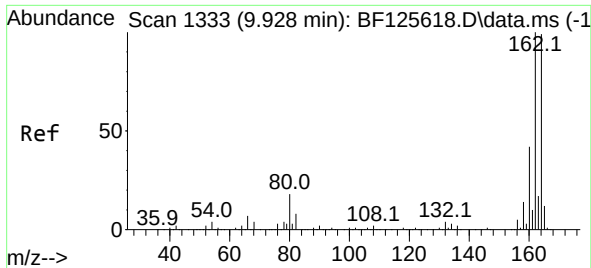
Tgt Ion: 82 Resp: 1120691
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 8.646 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.071 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:122 Resp: 235
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 97.0 59.6 99.6

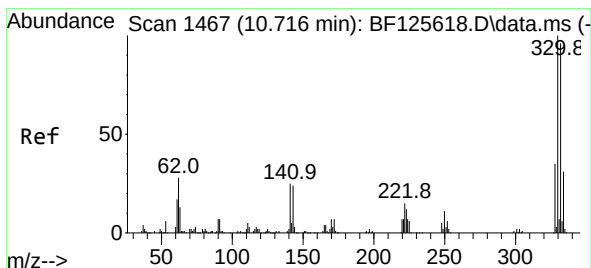
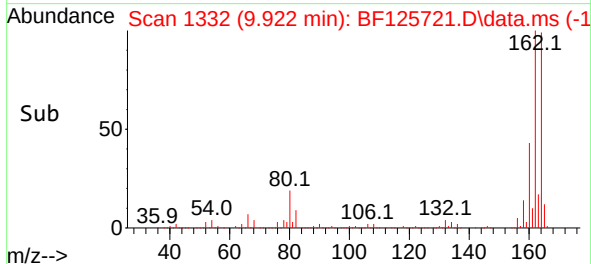
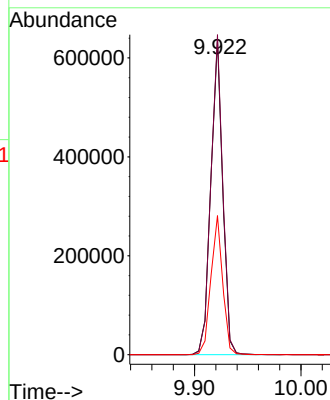
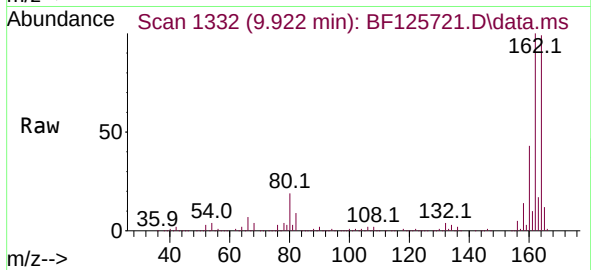




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

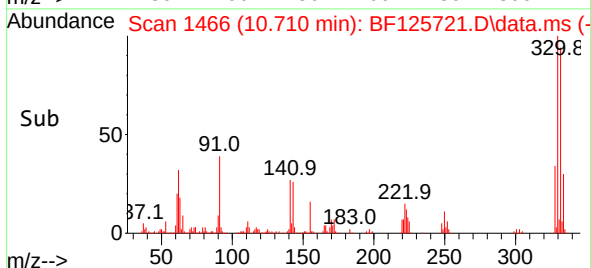
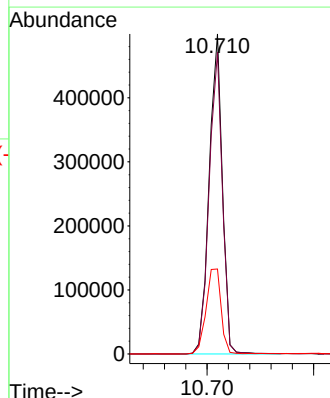
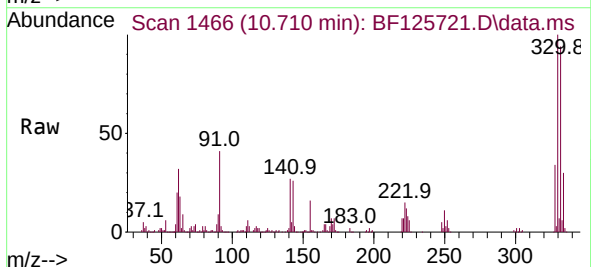
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ClientSampleId :
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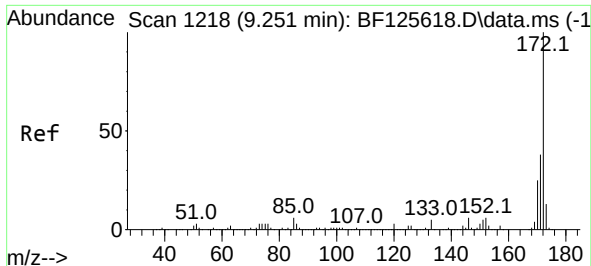
Tgt Ion:164	Resp: 495292
Ion Ratio	Lower Upper
164	100
162	101.4 81.3 121.9
160	44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 93.270 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:330	Resp: 430716
Ion Ratio	Lower Upper
330	100
332	95.4 76.2 114.4
141	30.4 44.6 66.8#

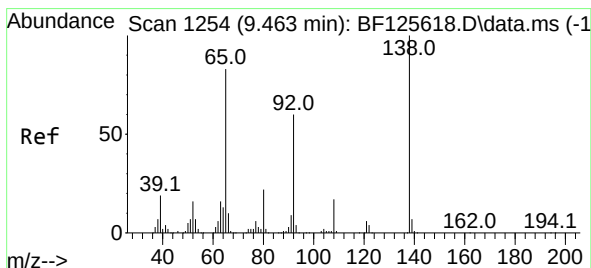
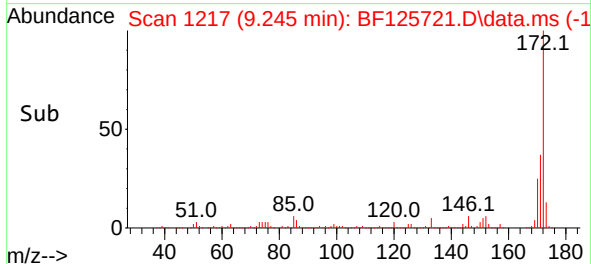
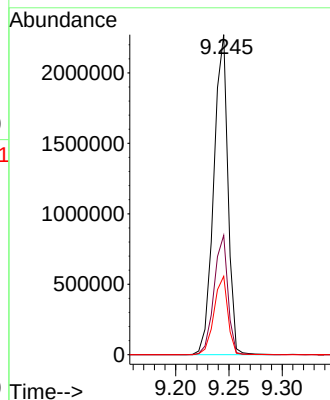
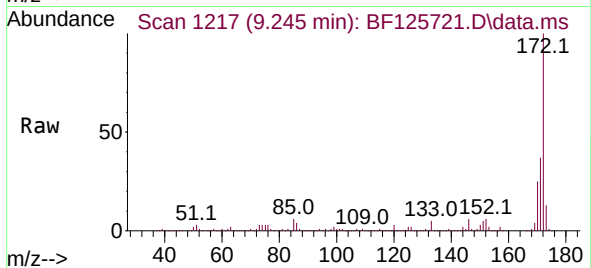




#45
2-Fluorobiphenyl
Concen: 74.521 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

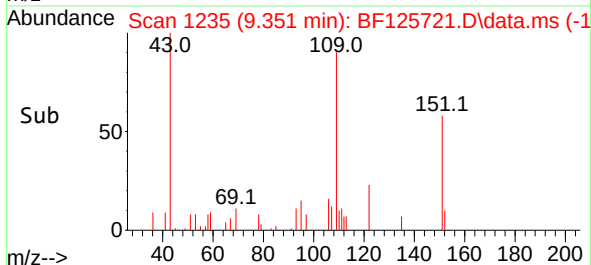
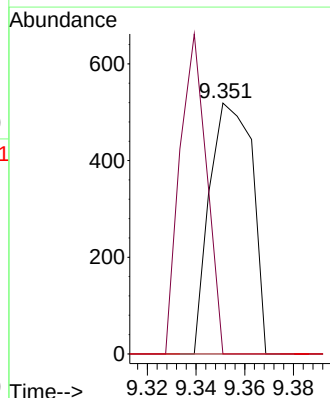
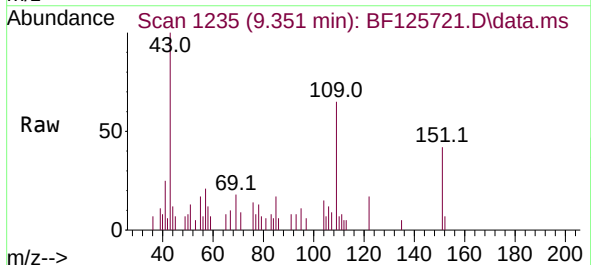
Instrument :
BNA_F
ClientSampleId :
CC-10

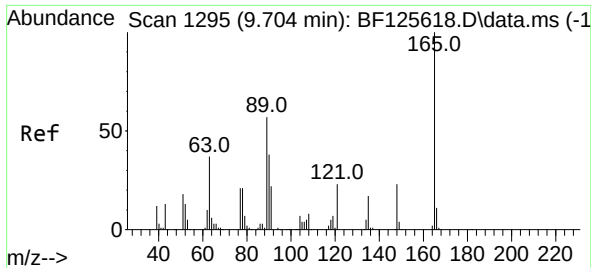
Tgt Ion:172 Resp: 2099628
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 24.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.238 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.112 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion: 65 Resp: 630
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

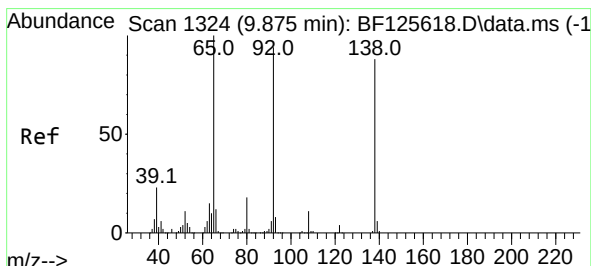
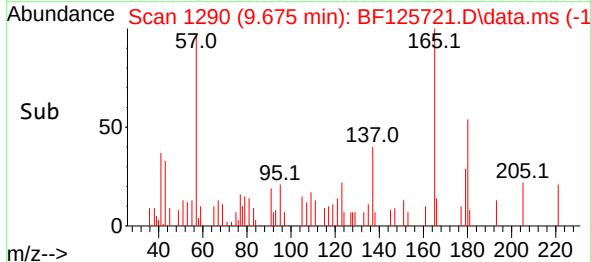
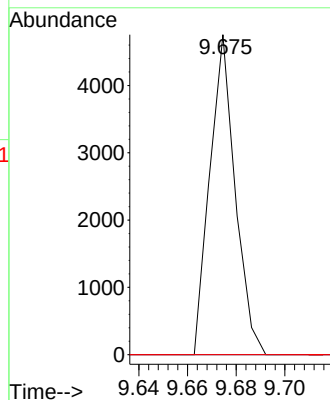
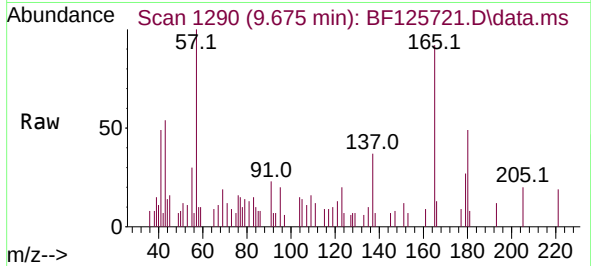




#51
2,6-Dinitrotoluene
Concen: 4.580 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.029 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

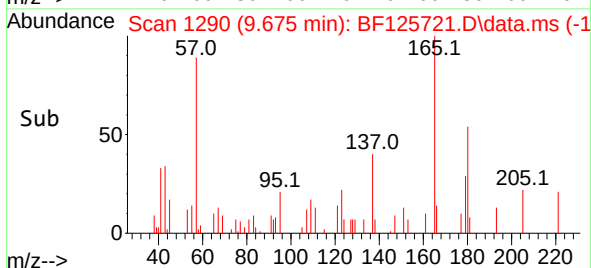
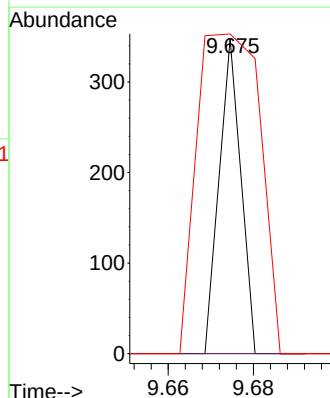
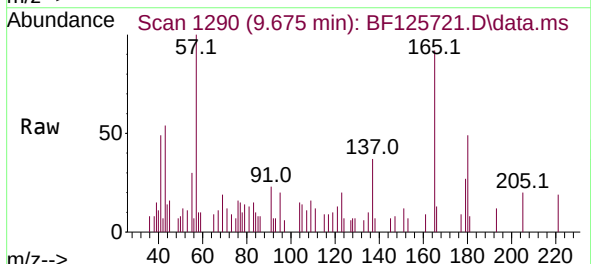
Instrument :
BNA_F
ClientSampleId :
CC-10

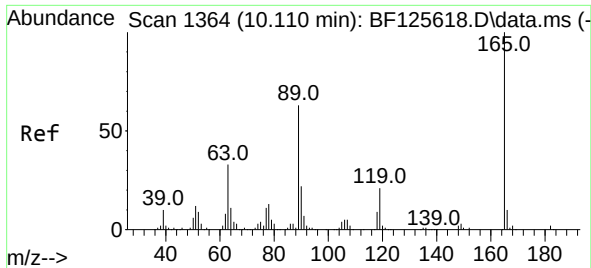
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	63.8#
89	0.0	40.6	60.8#



#53
3-Nitroaniline
Concen: 3.158 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.200 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

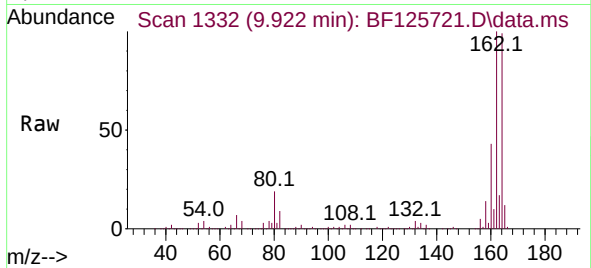
Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.3	13.9#
92	101.4	76.5	114.7



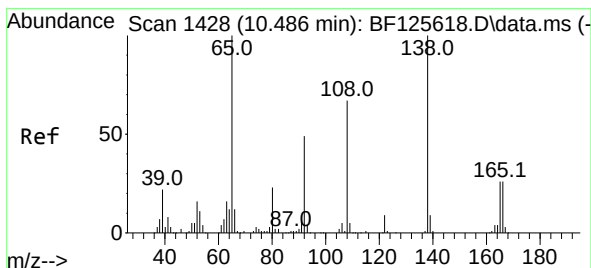
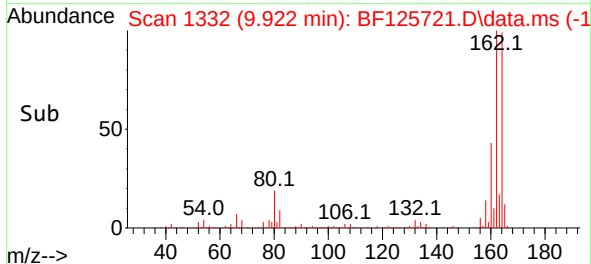
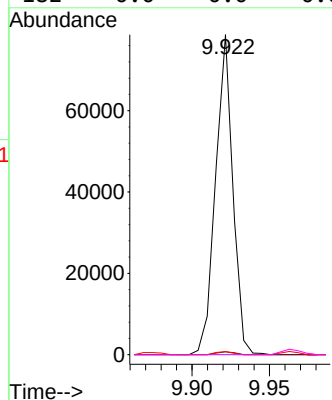


#57
2,4-Dinitrotoluene
Concen: 11.283 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Instrument :
BNA_F
ClientSampled :
CC-10

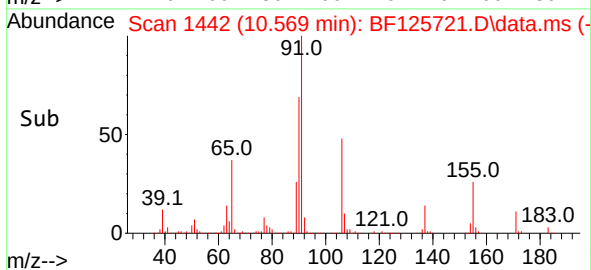
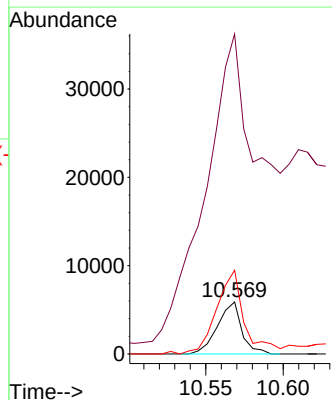
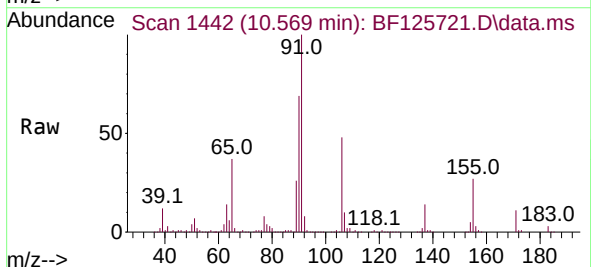


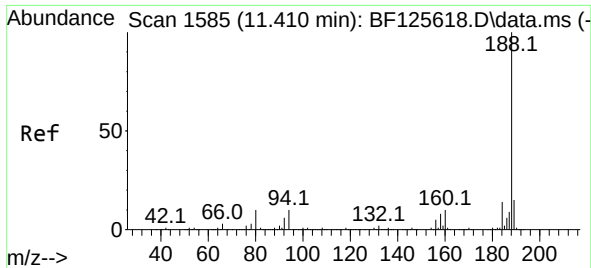
Tgt Ion:165	Resp:	61045
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#62
4-Nitroaniline
Concen: 2.701 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.083 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:138	Resp:	6379
Ion Ratio	Lower	Upper
138	100	
92	615.3	29.6 69.6#
108	160.9	78.1 118.1#

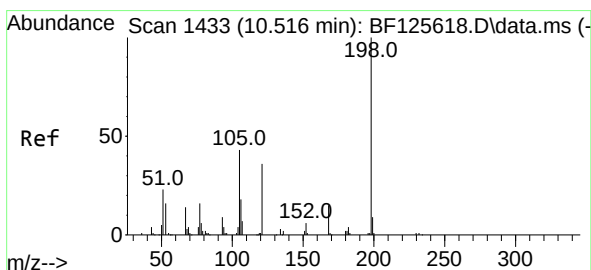
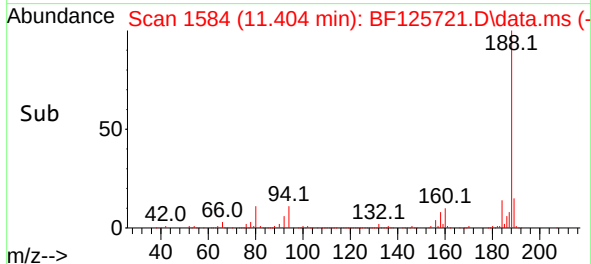
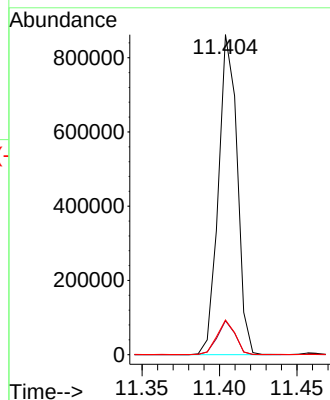
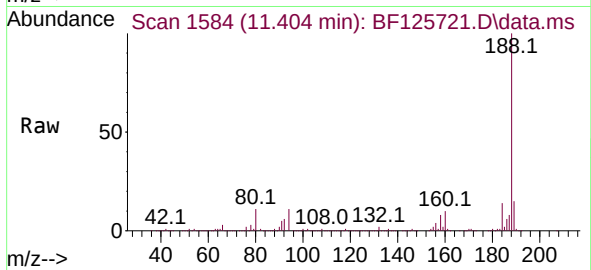




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

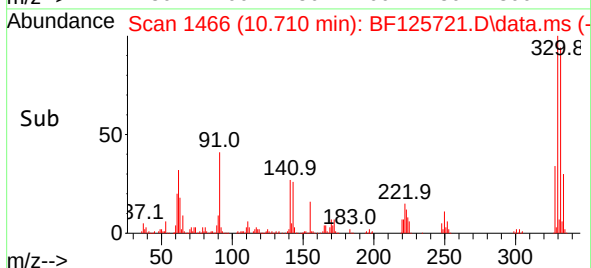
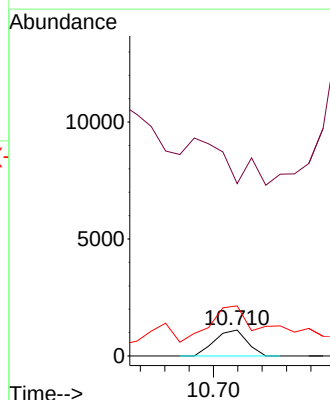
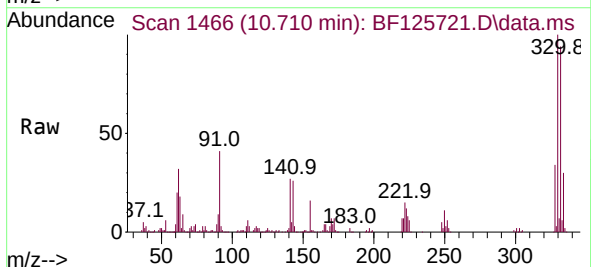
Instrument :
BNA_F
ClientSampleId :
CC-10

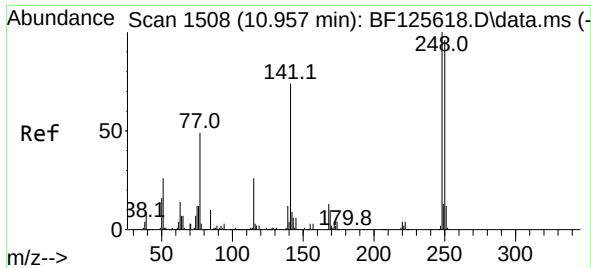
Tgt Ion:188 Resp: 725921
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 10.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.248 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:198 Resp: 1021
Ion Ratio Lower Upper
198 100
51 665.2 45.3 85.3#
105 193.1 30.6 70.6#

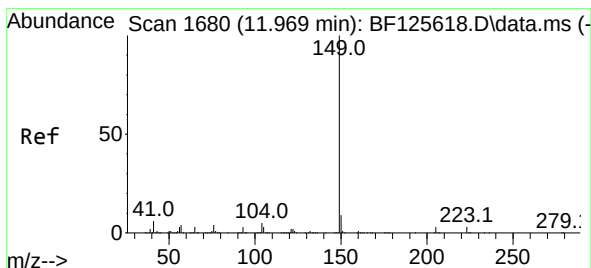
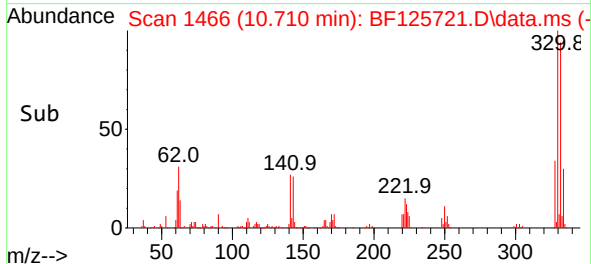
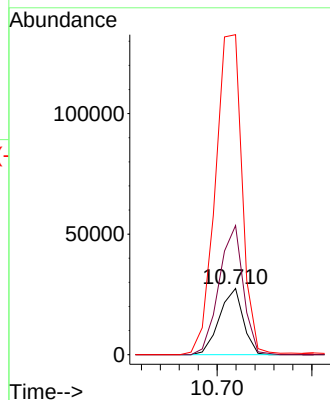
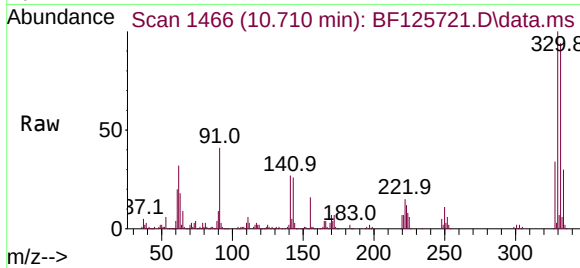




#67
4-Bromophenyl-phenylether
Concen: 3.145 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

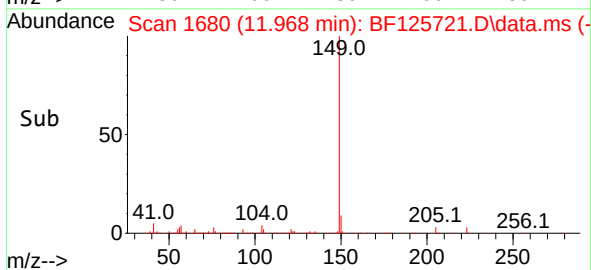
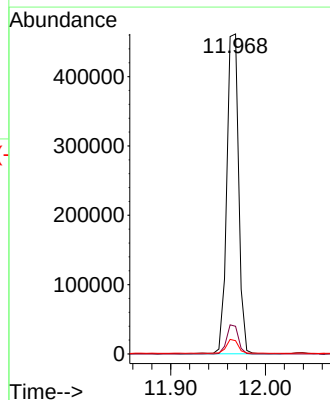
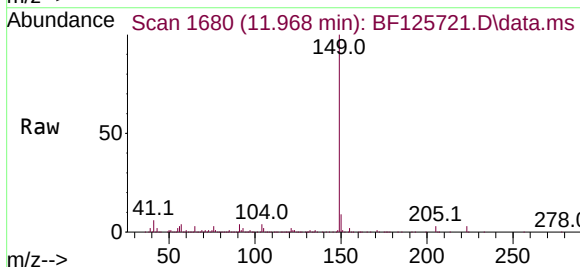
Instrument :
BNA_F
ClientSampleId :
CC-10

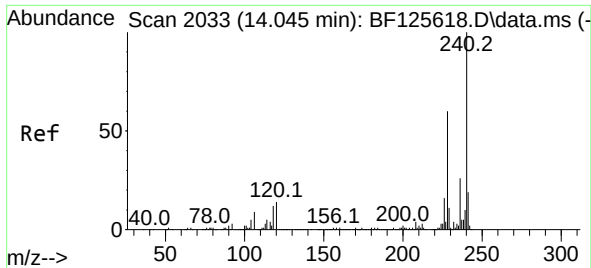
Tgt Ion:248 Resp: 23963
Ion Ratio Lower Upper
248 100
250 195.0 74.2 111.4#
141 483.2 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 10.049 ng
RT: 11.968 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:149 Resp: 401056
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.1 4.1 6.1

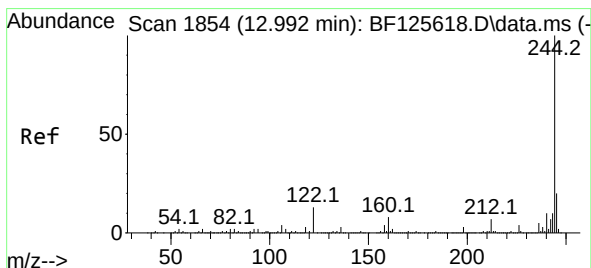
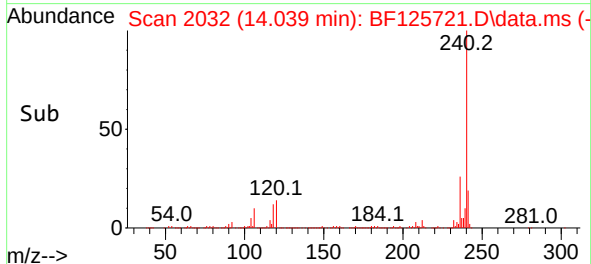
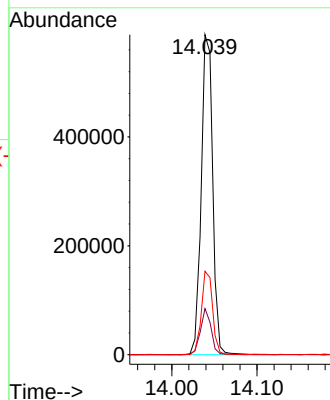
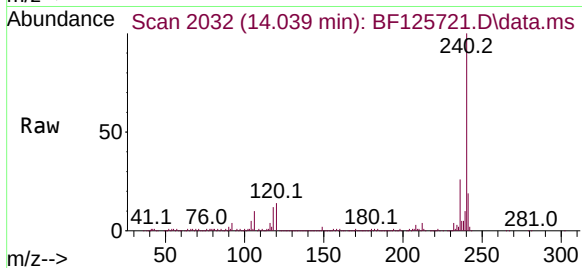




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

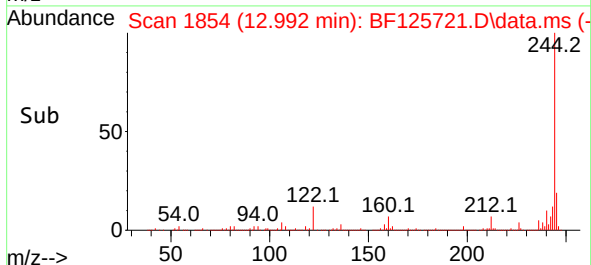
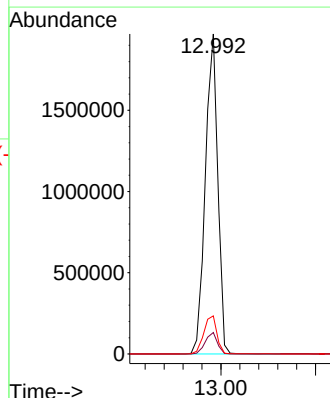
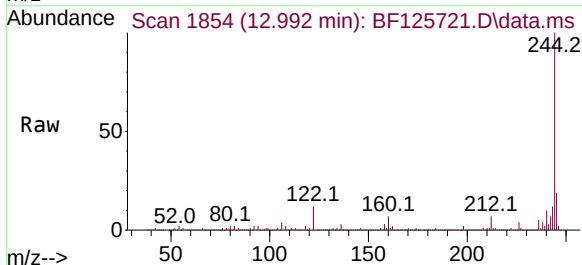
Instrument :
BNA_F
ClientSampleId :
CC-10

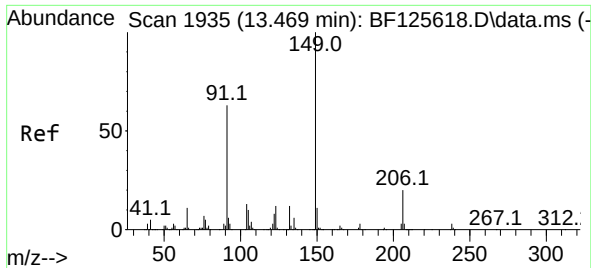
Tgt Ion:240	Resp: 549356
Ion Ratio	Lower Upper
240	100
120	14.4 10.8 16.2
236	26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 56.659 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:244	Resp: 1797375
Ion Ratio	Lower Upper
244	100
212	6.7 5.9 8.9
122	11.9 9.0 13.4

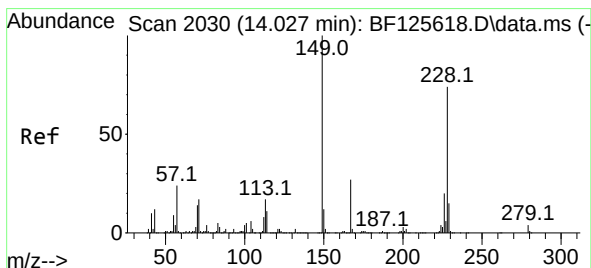
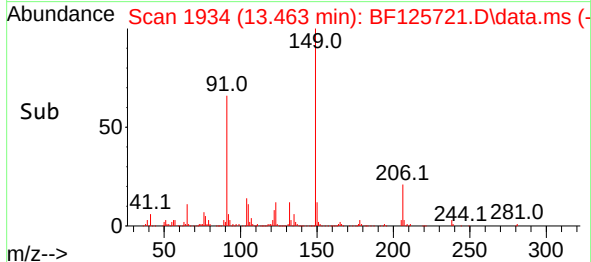
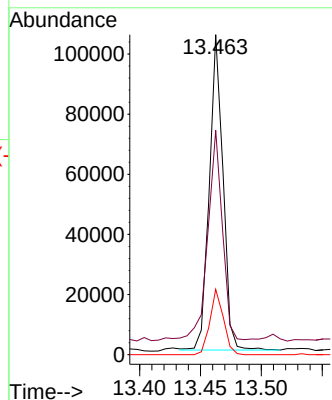
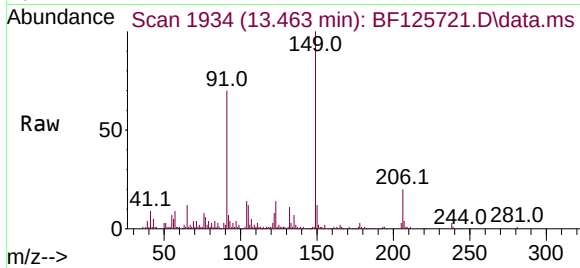




#80
Butylbenzylphthalate
Concen: 4.990 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

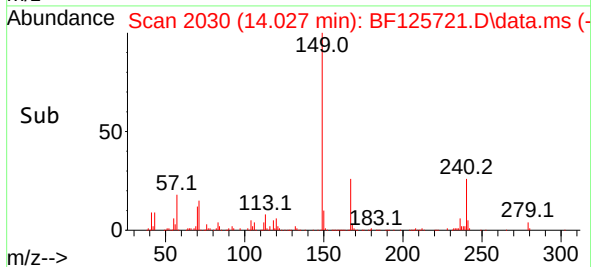
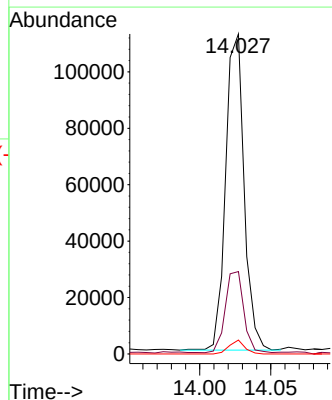
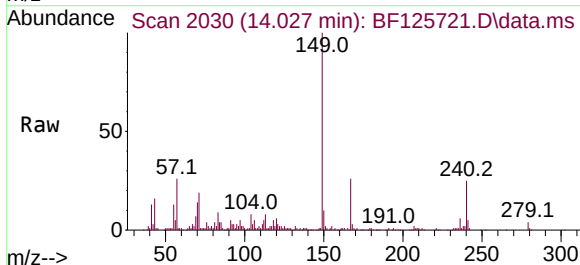
Instrument :
BNA_F
ClientSampleId :
CC-10

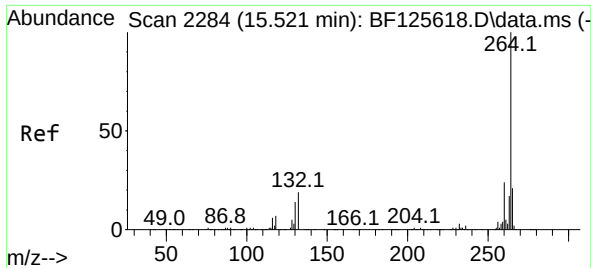
Tgt Ion:	149	Resp:	82034
Ion Ratio	Lower	Upper	
149	100		
91	70.2	51.8	77.8
206	20.4	14.5	21.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.399 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Tgt Ion:	149	Resp:	101613
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.4	32.0
279	4.3	2.6	4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125721.D
Acq: 29 Sep 2021 21:56

Instrument :
BNA_F
ClientSampleId :
CC-10

Tgt Ion:264 Resp: 484927

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.3	17.2	25.8

