

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125720.D
 Acq On : 29 Sep 2021 21:26
 Operator : JU/CG
 Sample : M3964-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-12

Quant Time: Sep 30 03:28:55 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)

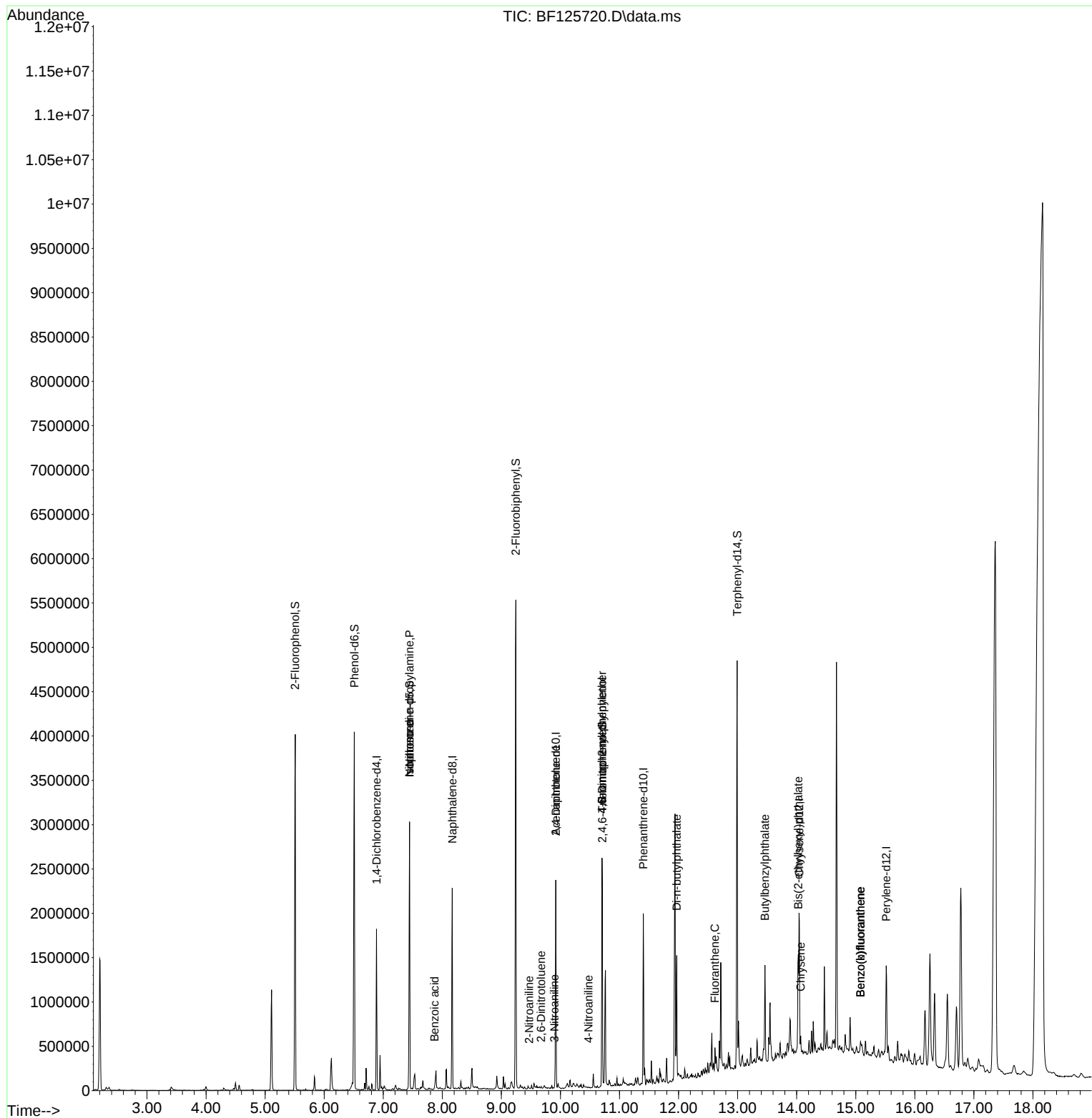
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	250810	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	962460	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	455897	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	660331	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	535418	20.000	ng	0.00
86) Perylene-d12	15.515	264	469980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1263876	83.024	ng	0.00
7) Phenol-d6	6.510	99	1582897	77.342	ng	0.00
23) Nitrobenzene-d5	7.445	82	952910	69.058	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	340576	80.123	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1788174	67.765	ng	0.00
79) Terphenyl-d14	12.992	244	1527242	49.397	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	801	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.445	70	118179	10.142	ng	# 50
25) Isophorone	7.445	82	950986	30.774	ng	# 59
32) Benzoic acid	7.869	122	421	8.662	ng	# 23
48) 2-Nitroaniline	9.469	65	119	4.174	ng	# 1
51) 2,6-Dinitrotoluene	9.674	165	2246	4.446	ng	# 26
53) 3-Nitroaniline	9.898	138	113	3.158	ng	# 95
57) 2,4-Dinitrotoluene	9.922	165	58023	11.494	ng	# 19
62) 4-Nitroaniline	10.474	138	1394	2.087	ng	# 10
65) 4,6-Dinitro-2-methylph...	10.704	198	566	9.156	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	18599	2.684	ng	# 1
74) Di-n-butylphthalate	11.968	149	677433	18.660	ng	# 98
75) Fluoranthene	12.615	202	98166	2.481	ng	97
80) Butylbenzylphthalate	13.462	149	238790	14.902	ng	97
83) Chrysene	14.068	228	82078	2.249	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	326385	17.793	ng	# 99
88) Benzo(b)fluoranthene	15.080	252	108746	3.303	ng	# 95
89) Benzo(k)fluoranthene	15.080	252	108746	3.447	ng	# 92

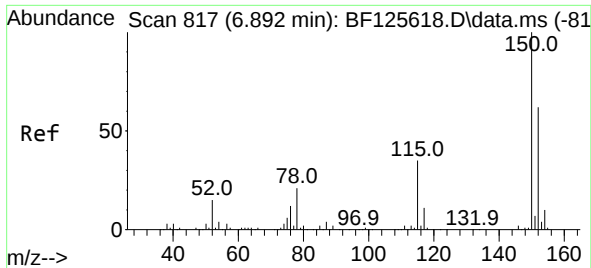
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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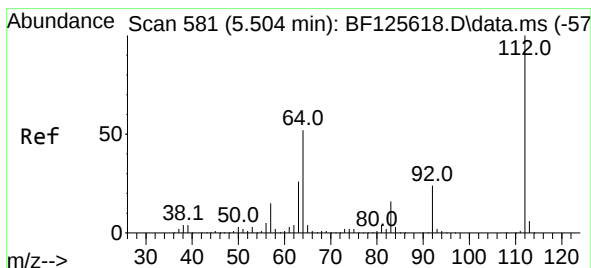
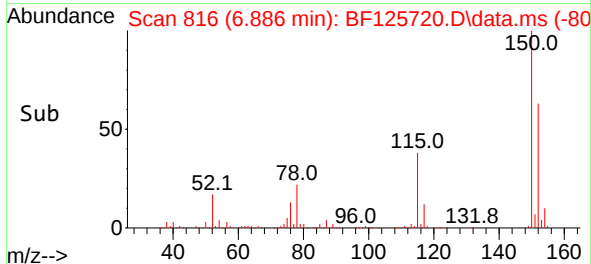
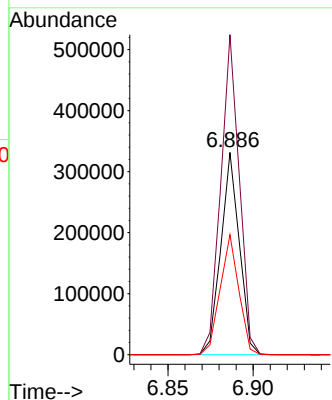
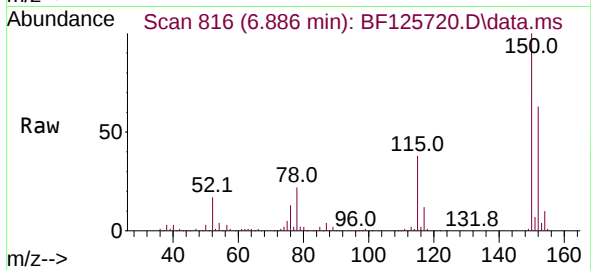




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

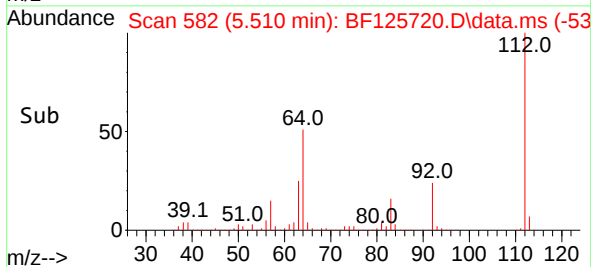
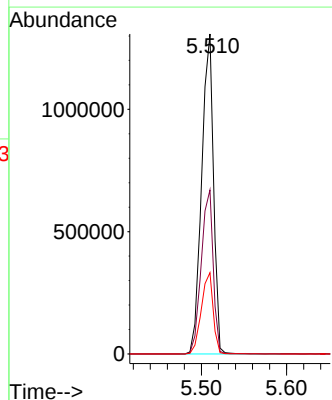
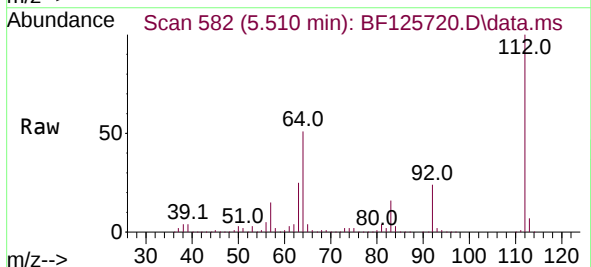
Instrument :
BNA_F
ClientSampleId :
CC-12

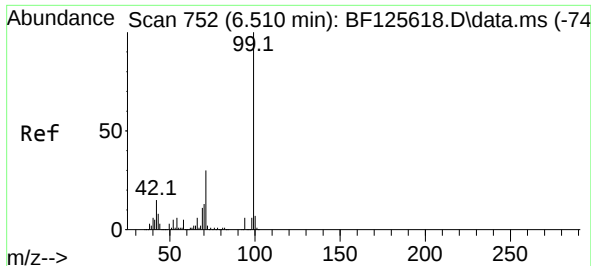
Tgt Ion:152 Resp: 250810
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 83.024 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:112 Resp: 1263876
Ion Ratio Lower Upper
112 100
64 51.3 44.2 66.2
63 25.4 26.2 39.2#

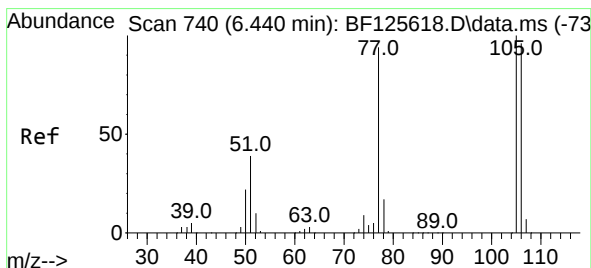
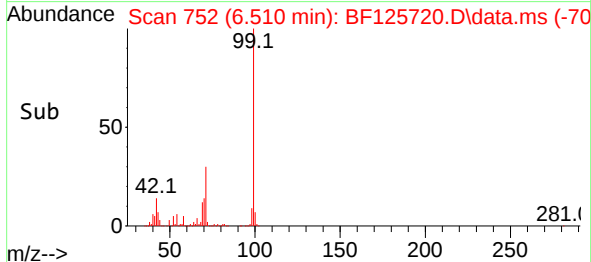
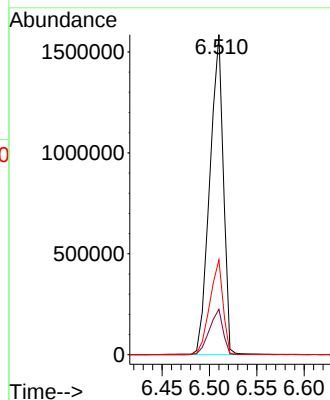
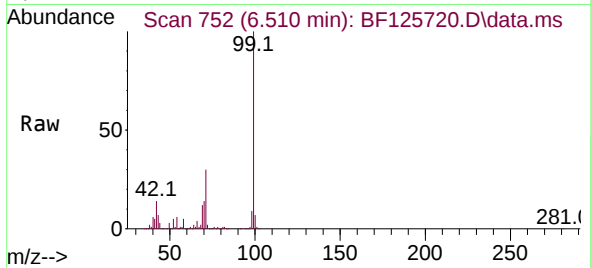




#7
Phenol-d6
Concen: 77.342 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

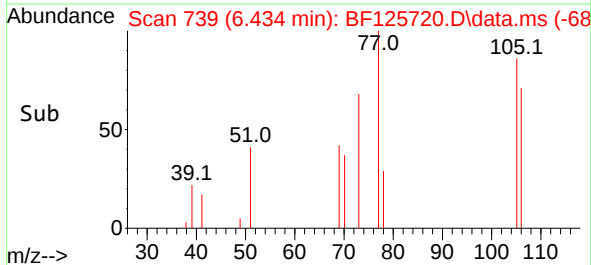
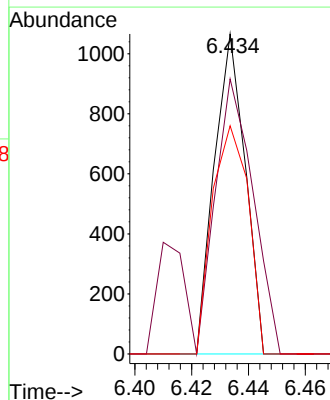
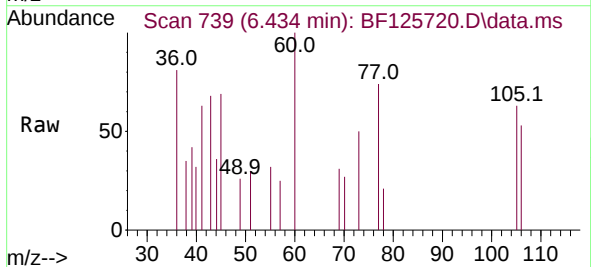
Instrument :
BNA_F
ClientSampleId :
CC-12

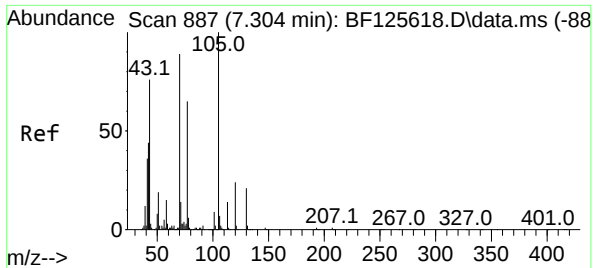
Tgt Ion: 99 Resp: 1582897
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion: 77 Resp: 801
Ion Ratio Lower Upper
77 100
105 85.9 75.9 115.9
106 71.3 84.0 124.0#

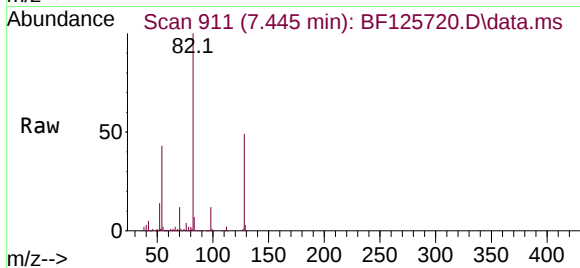




#19

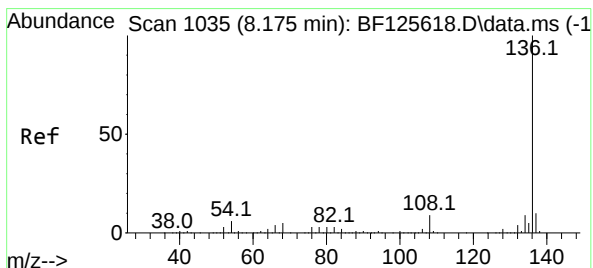
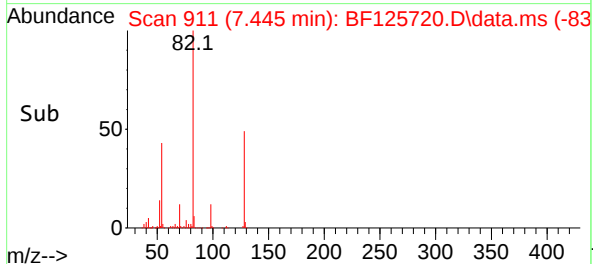
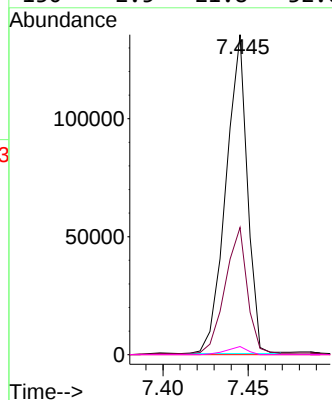
n-Nitroso-di-n-propylamine
 Concen: 10.142 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125720.D
 Acq: 29 Sep 2021 21:26

Instrument :
 BNA_F
 ClientSampleId :
 CC-12



Tgt Ion: 70 Resp: 118179

Ion	Ratio	Lower	Upper
70	100		
42	39.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#

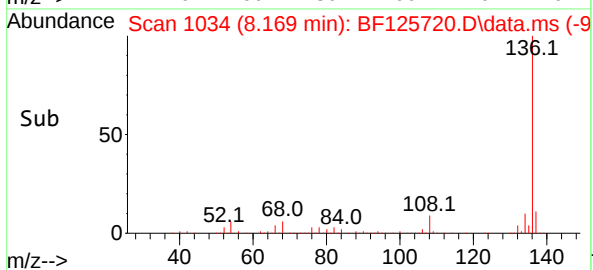
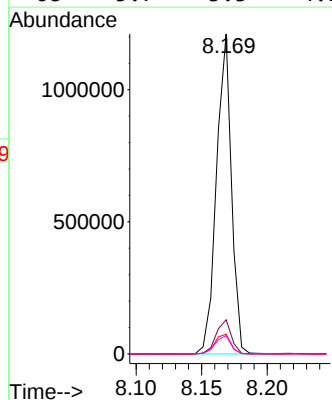
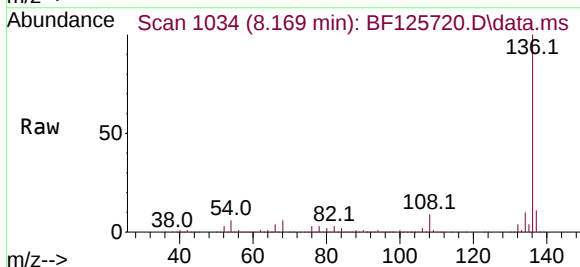


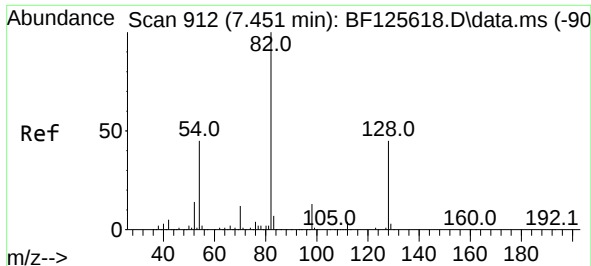
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125720.D
 Acq: 29 Sep 2021 21:26

Tgt Ion: 136 Resp: 962460

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.1	6.4	9.6#
68	5.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 69.058 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125720.D

Acq: 29 Sep 2021 21:26

Instrument :

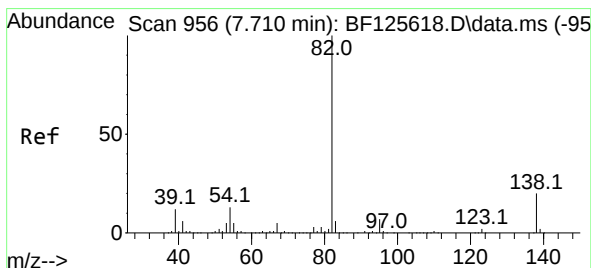
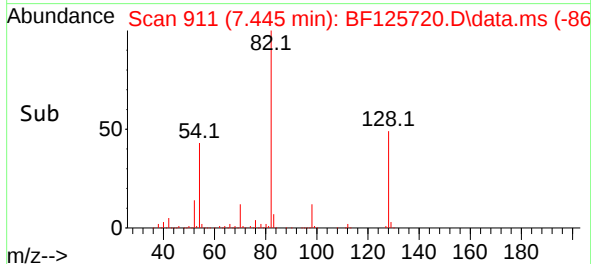
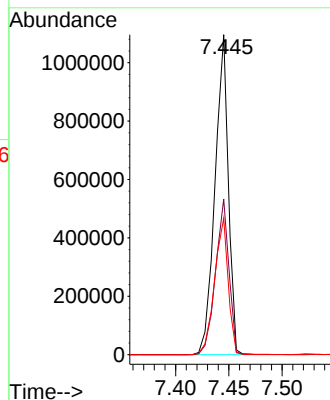
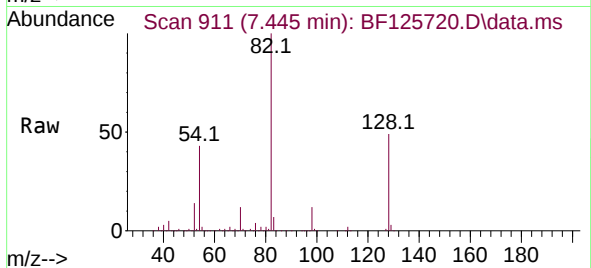
BNA_F

ClientSampleId :

CC-12

Tgt Ion: 82 Resp: 952910

Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	60.8
54	42.6	49.6	74.4#



#25

Isophorone

Concen: 30.774 ng

RT: 7.445 min Scan# 911

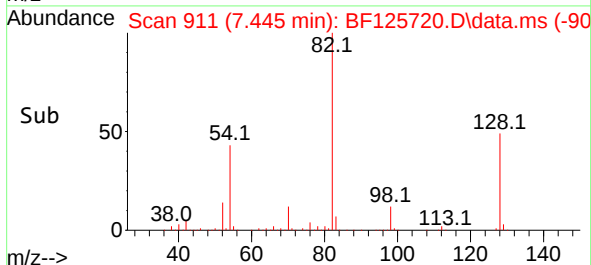
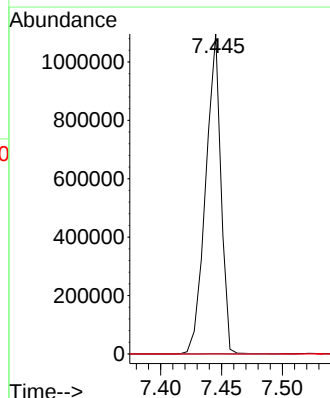
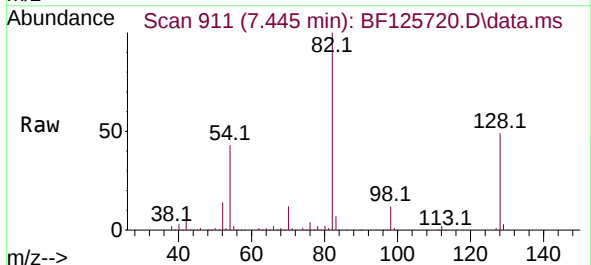
Delta R.T. -0.265 min

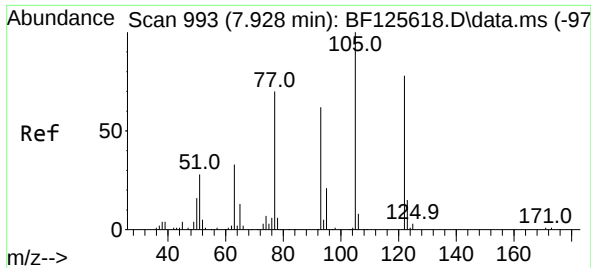
Lab File: BF125720.D

Acq: 29 Sep 2021 21:26

Tgt Ion: 82 Resp: 950986

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

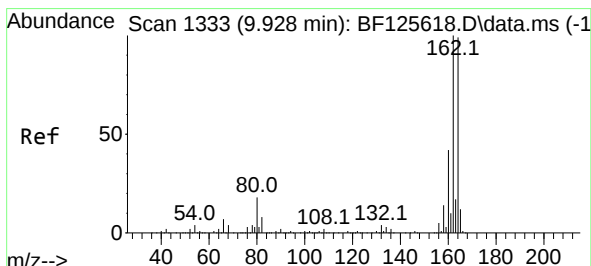
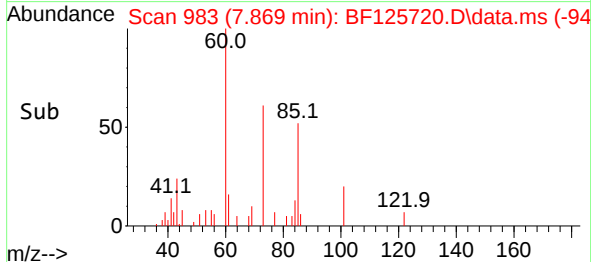
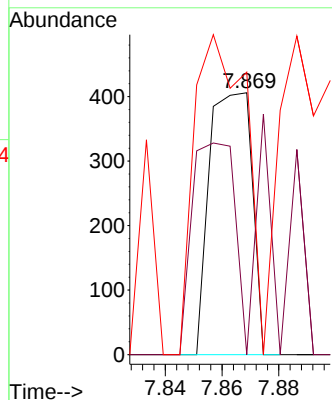
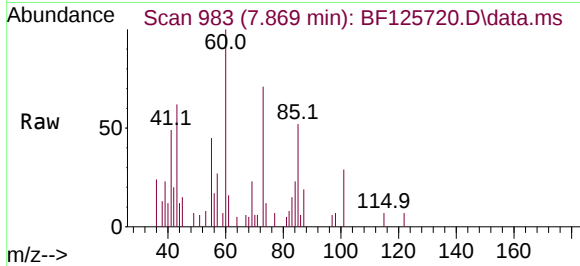




#32
Benzoic acid
Concen: 8.662 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.059 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

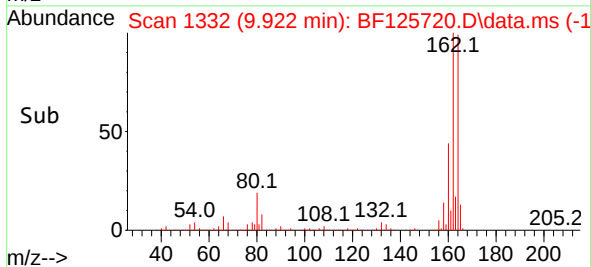
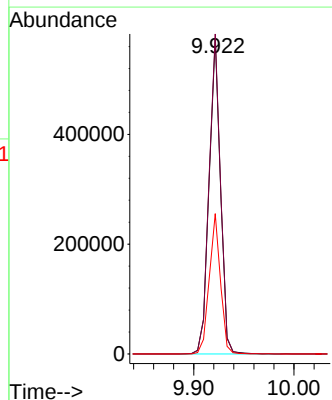
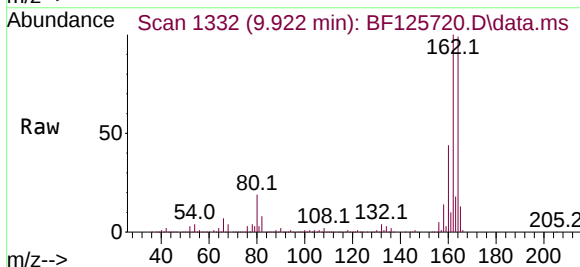
Instrument :
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CC-12

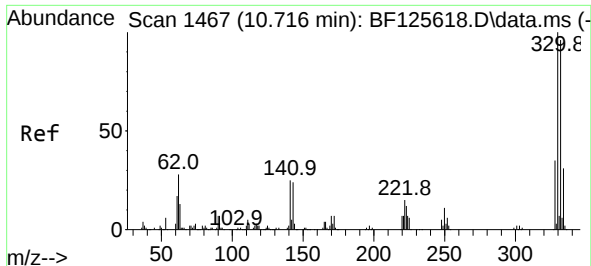
Tgt Ion:122 Resp: 421
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 107.9 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:164 Resp: 455897
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.4 38.0 57.0

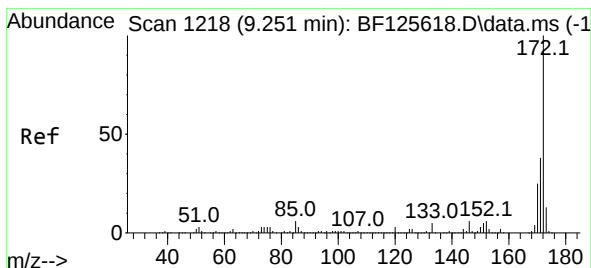
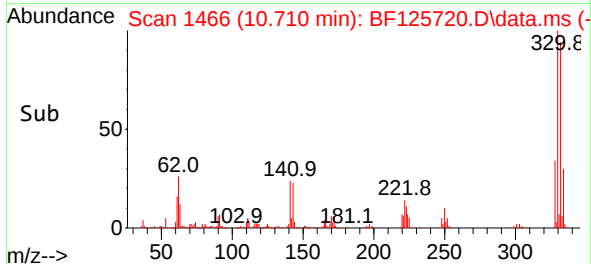
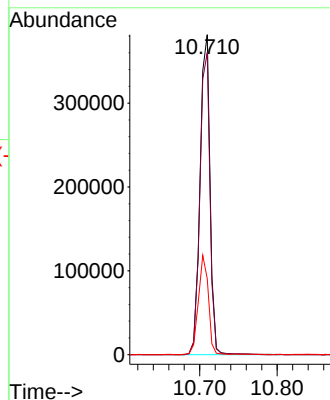
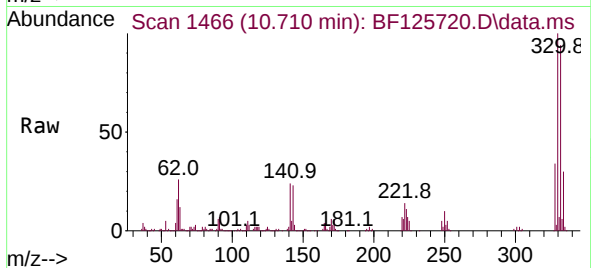




#42
2,4,6-Tribromophenol
Concen: 80.123 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

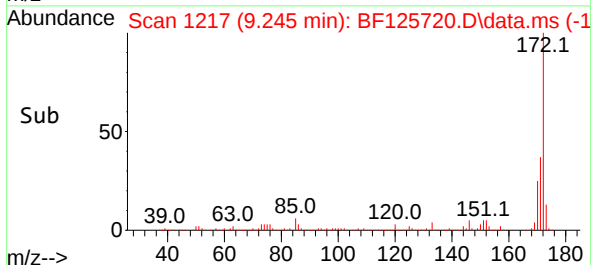
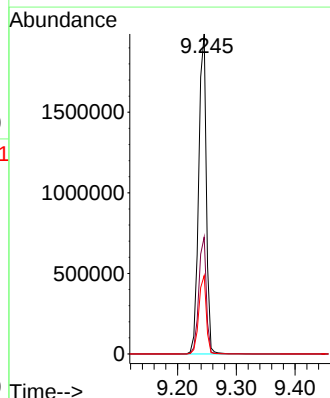
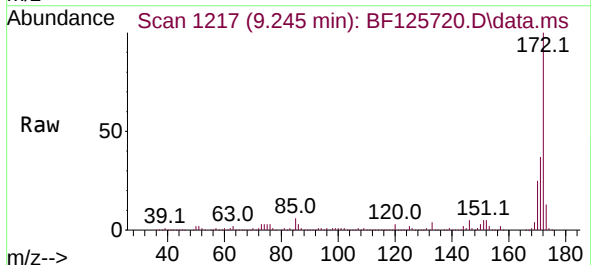
Instrument :
BNA_F
ClientSampled :
CC-12

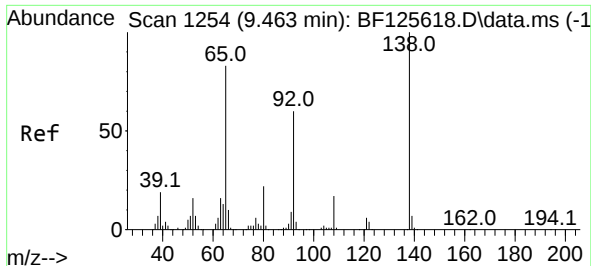
Tgt Ion:330 Resp: 340576
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.765 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:172 Resp: 1788174
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.5 18.8 28.2

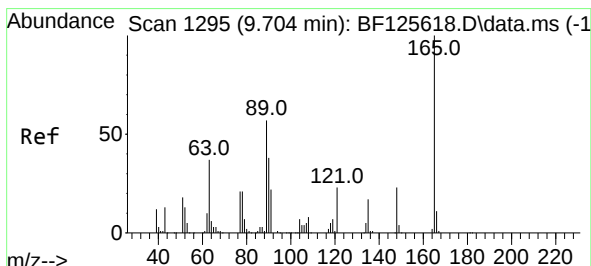
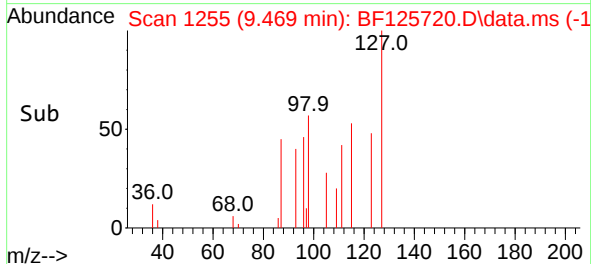
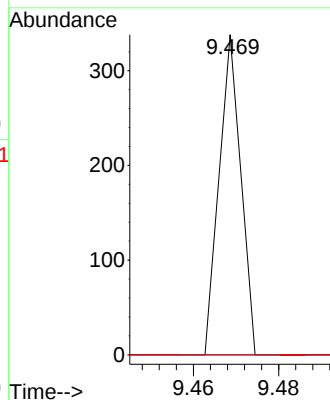
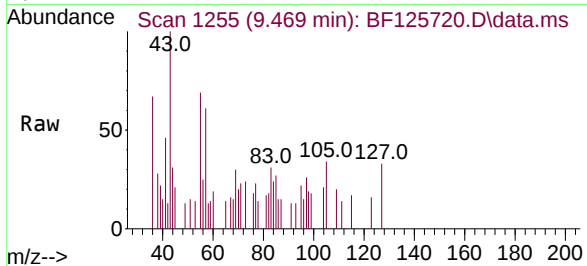




#48
2-Nitroaniline
Concen: 4.174 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

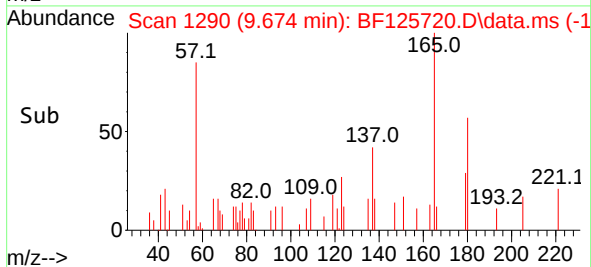
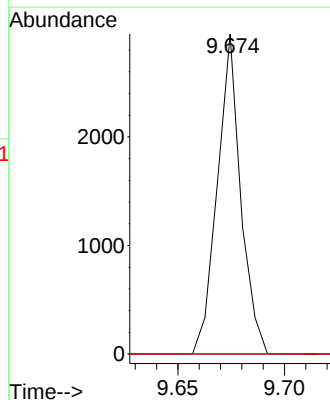
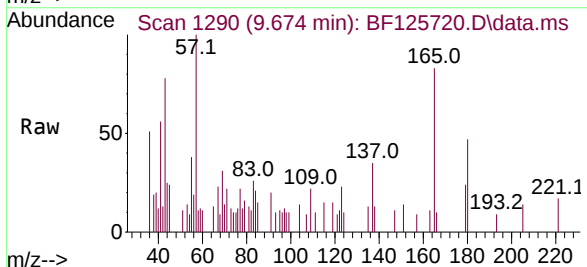
Instrument :
BNA_F
ClientSampled :
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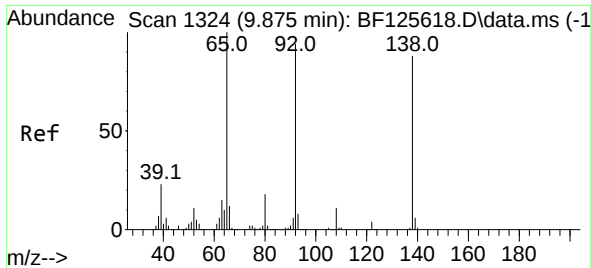
Tgt Ion: 65 Resp: 119
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 4.446 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.030 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion: 165 Resp: 2246
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

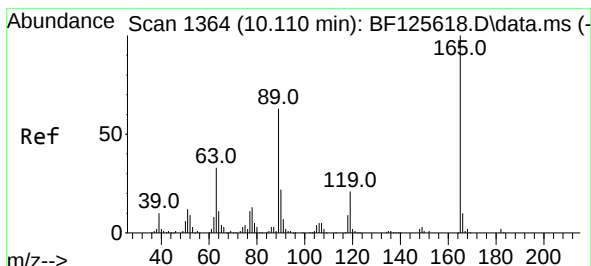
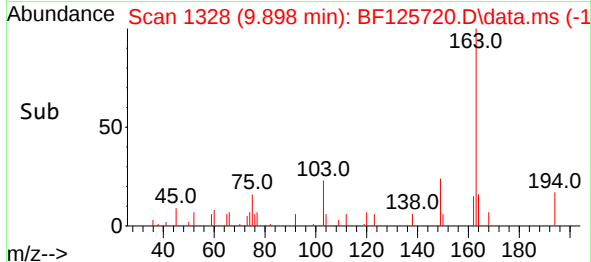
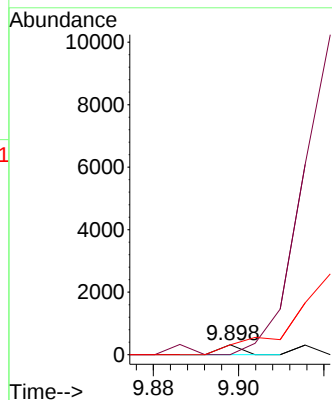
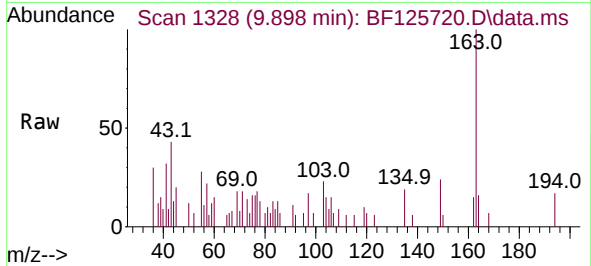




#53
3-Nitroaniline
Concen: 3.158 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.023 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

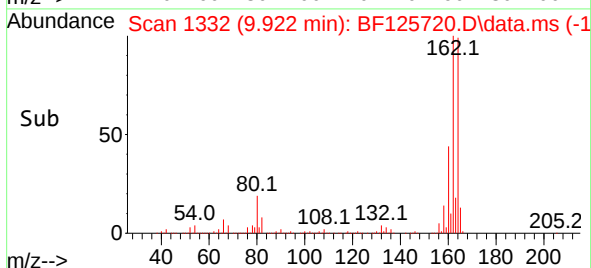
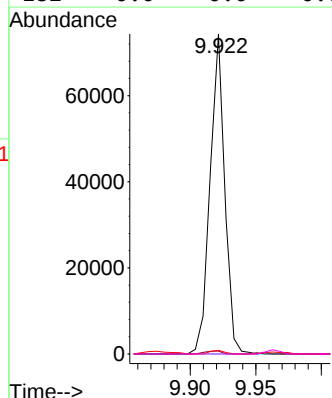
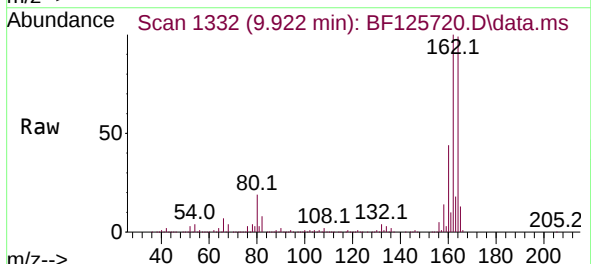
Instrument :
BNA_F
ClientSampled :
CC-12

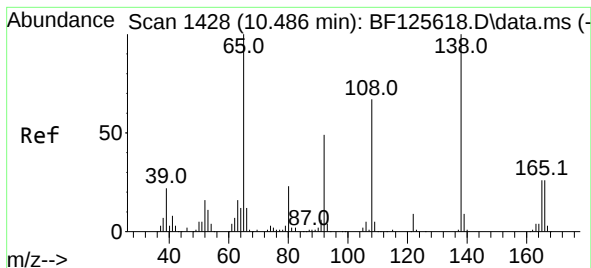
Tgt Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 97.8 76.5 114.7



#57
2,4-Dinitrotoluene
Concen: 11.494 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:165 Resp: 58023
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

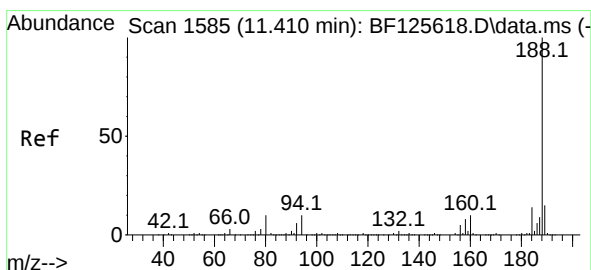
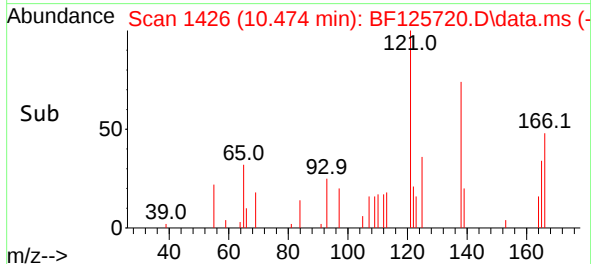
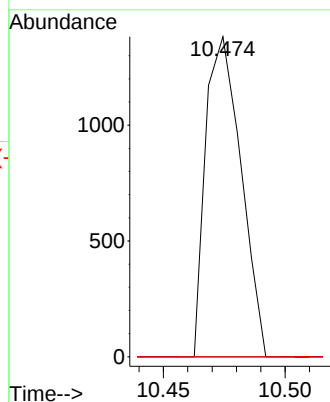
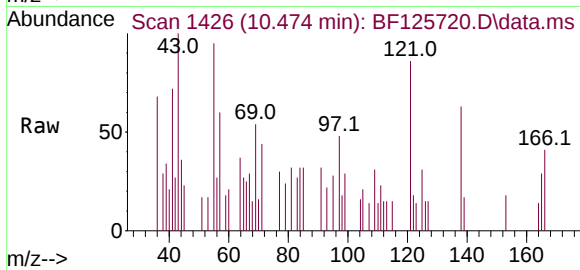




#62
4-Nitroaniline
Concen: 2.087 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

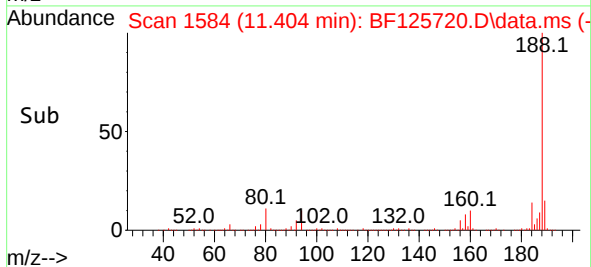
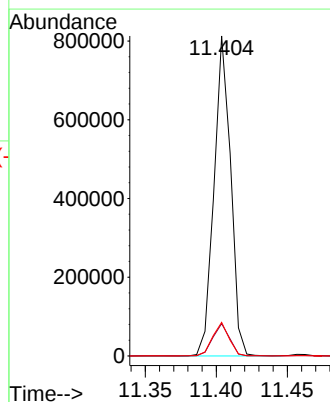
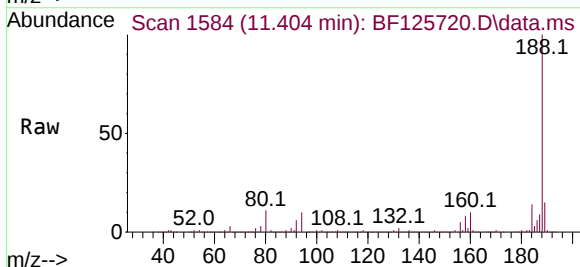
Instrument :
BNA_F
ClientSampleId :
CC-12

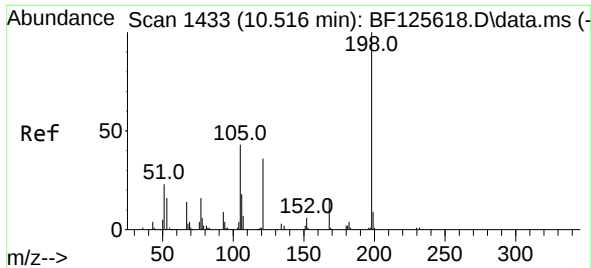
Tgt Ion:138 Resp: 1394
Ion Ratio Lower Upper
138 100
92 0.0 29.6 69.6#
108 0.0 78.1 118.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:188 Resp: 660331
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.5 7.5 11.3

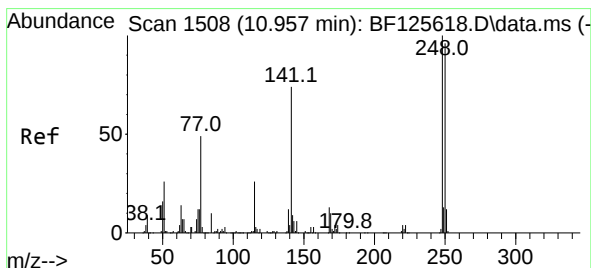
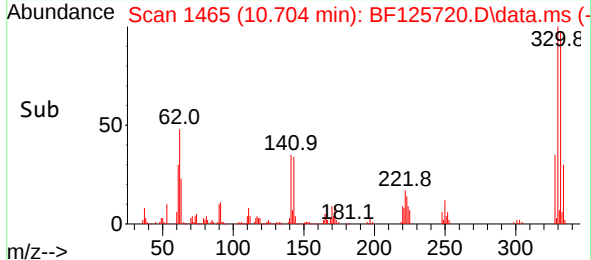
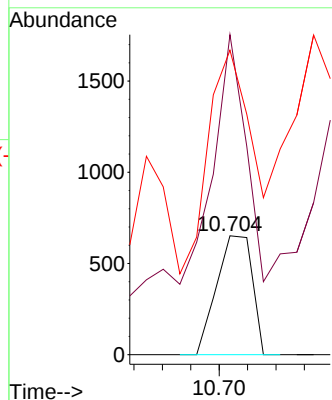
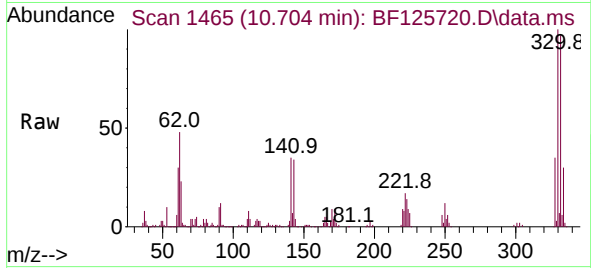




#65
4,6-Dinitro-2-methylphenol
Concen: 9.156 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

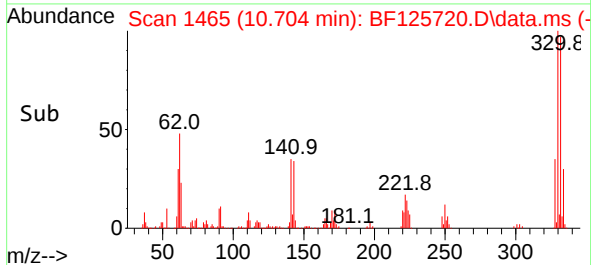
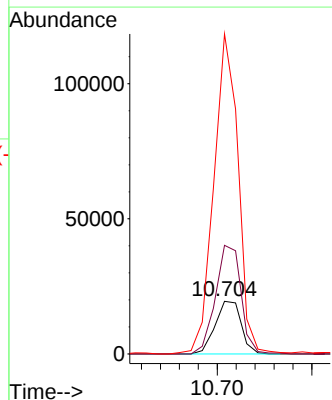
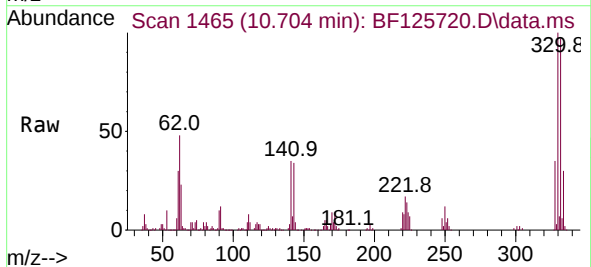
Instrument :
BNA_F
ClientSampled :
CC-12

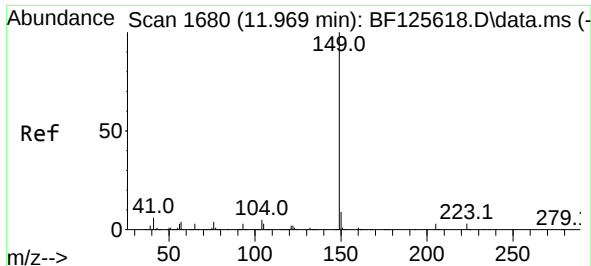
Tgt Ion:198 Resp: 566
Ion Ratio Lower Upper
198 100
51 269.4 45.3 85.3#
105 256.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.684 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:248 Resp: 18599
Ion Ratio Lower Upper
248 100
250 206.3 74.2 111.4#
141 607.8 60.4 90.6#

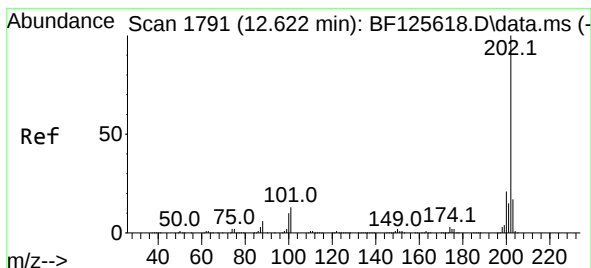
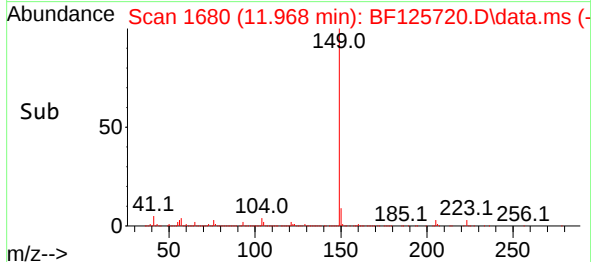
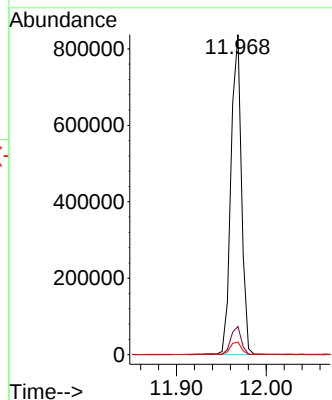
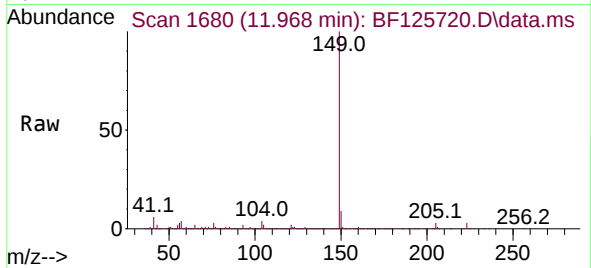




#74
Di-n-butylphthalate
Concen: 18.660 ng
RT: 11.968 min Scan# 1680
Delta R.T. -0.001 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

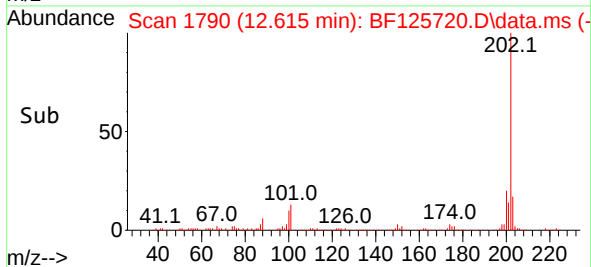
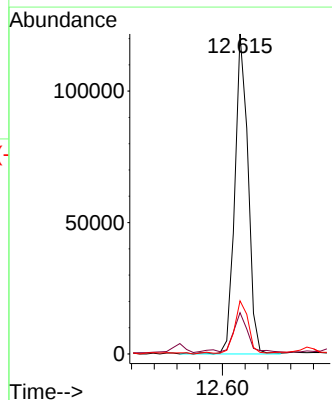
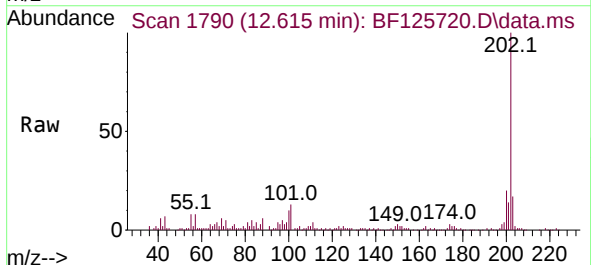
Instrument :
BNA_F
ClientSampleId :
CC-12

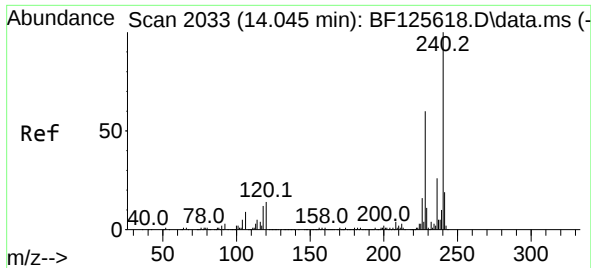
Tgt Ion:149 Resp: 677433
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.0 4.1 6.1#



#75
Fluoranthene
Concen: 2.481 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.007 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:202 Resp: 98166
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 16.6 0.0 36.3

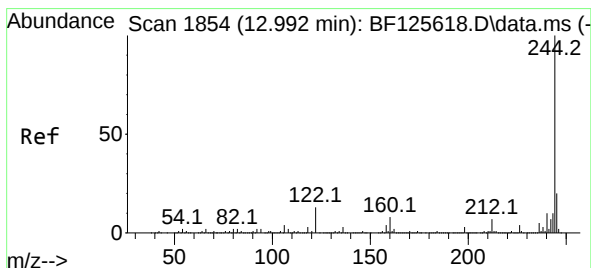
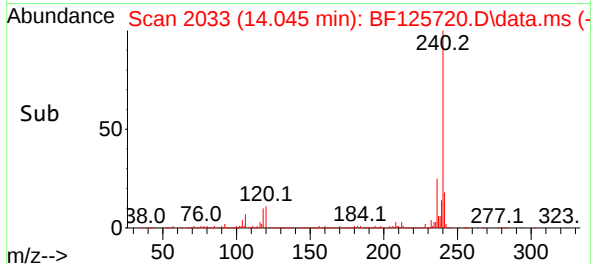
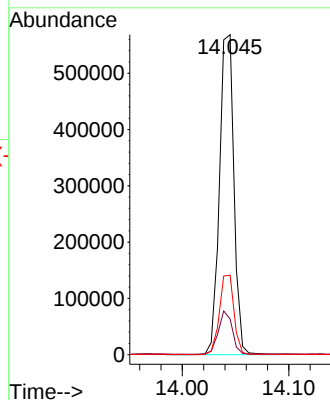
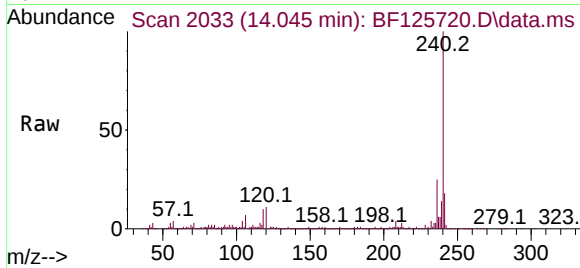




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

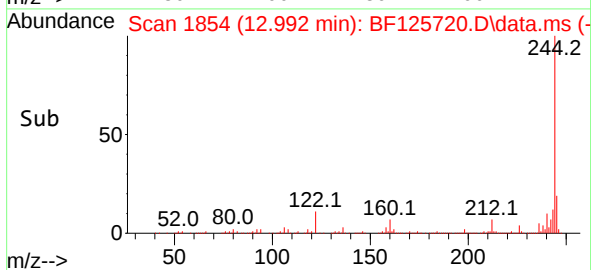
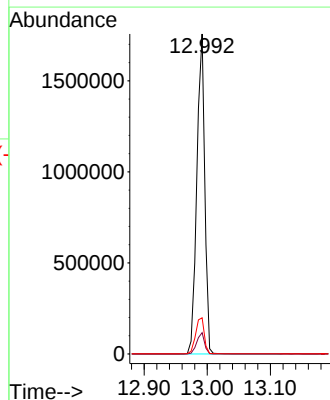
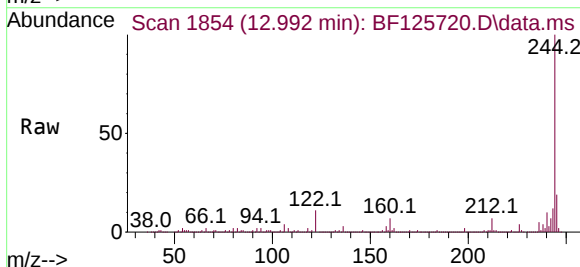
Instrument :
BNA_F
ClientSampleId :
CC-12

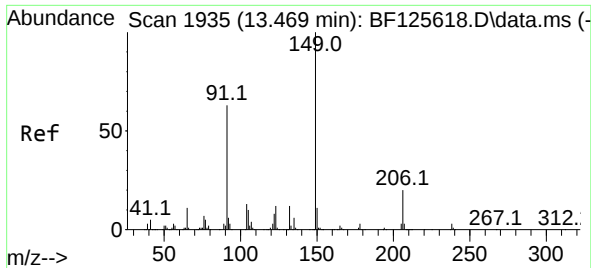
Tgt Ion:	240	Resp:	535418
Ion Ratio	Lower	Upper	
240	100		
120	11.2	10.8	16.2
236	24.8	21.6	32.4



#79
Terphenyl-d14
Concen: 49.397 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:	244	Resp:	1527242
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	11.3	9.0	13.4

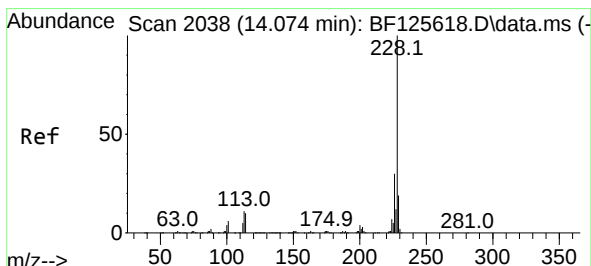
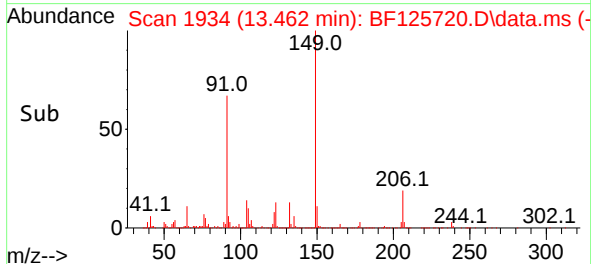
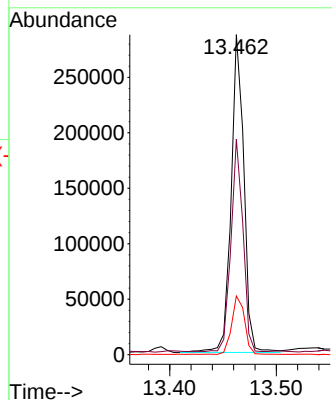
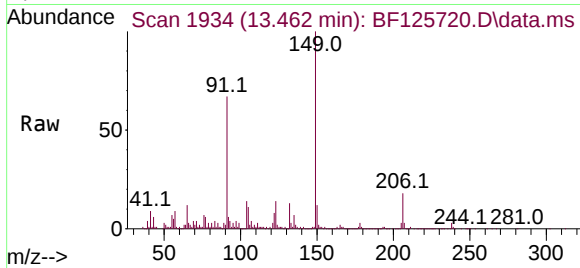




#80
Butylbenzylphthalate
Concen: 14.902 ng
RT: 13.462 min Scan# 1934
Delta R.T. -0.007 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

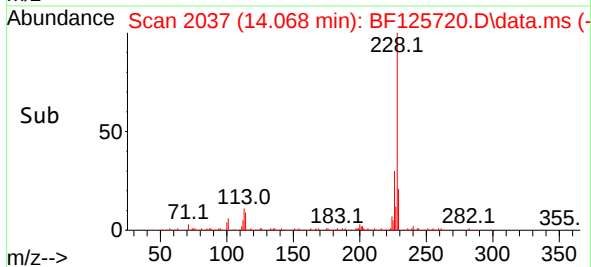
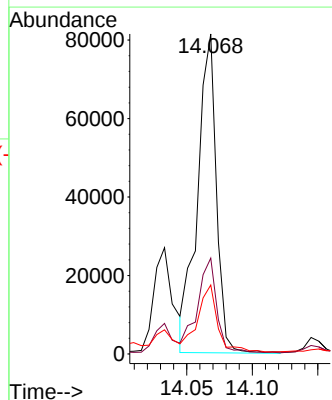
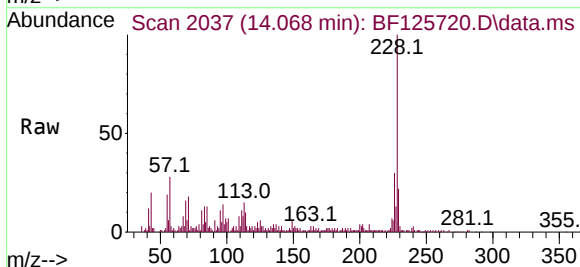
Instrument :
BNA_F
ClientSampleId :
CC-12

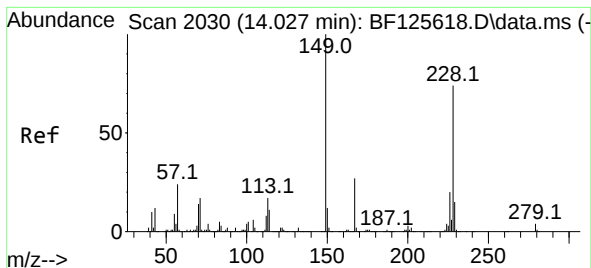
Tgt Ion:149 Resp: 238790
Ion Ratio Lower Upper
149 100
91 67.3 51.8 77.8
206 18.4 14.5 21.7



#83
Chrysene
Concen: 2.249 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:228 Resp: 82078
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 21.6 15.9 23.9

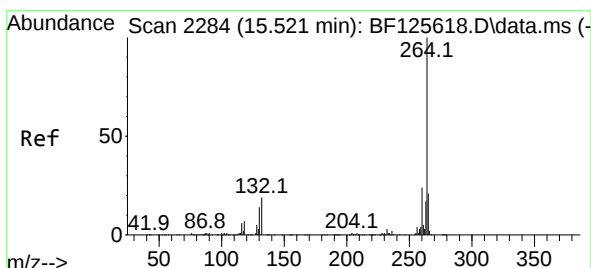
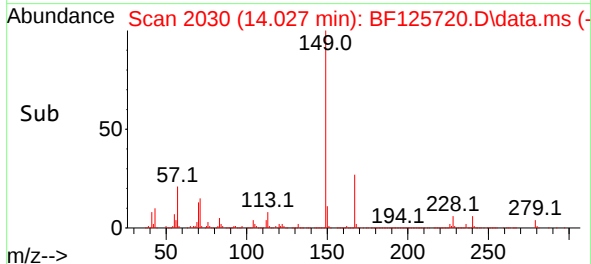
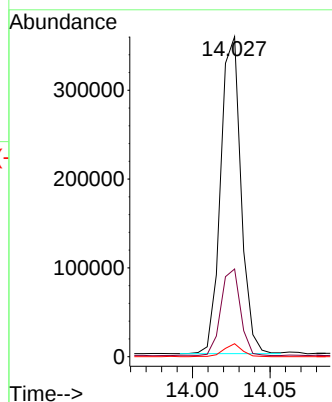
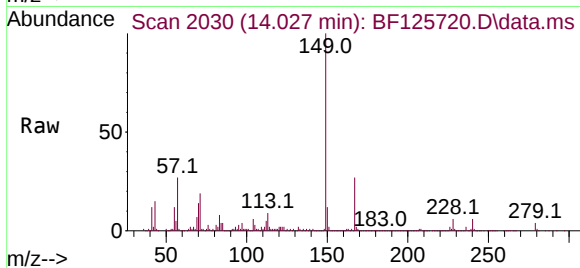




#84
Bis(2-ethylhexyl)phthalate
Concen: 17.793 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

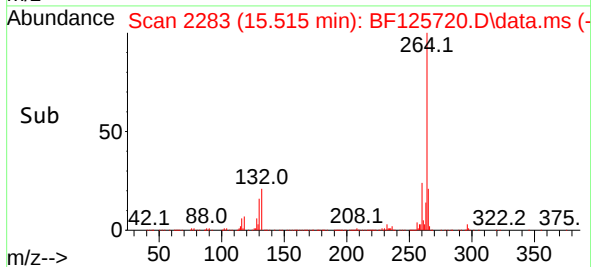
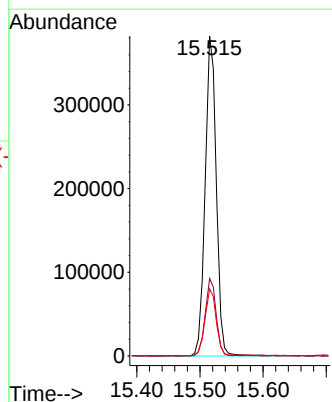
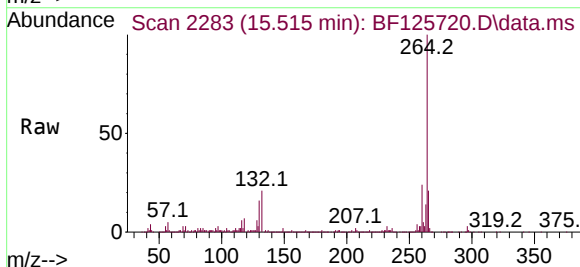
Instrument :
BNA_F
ClientSampleId :
CC-12

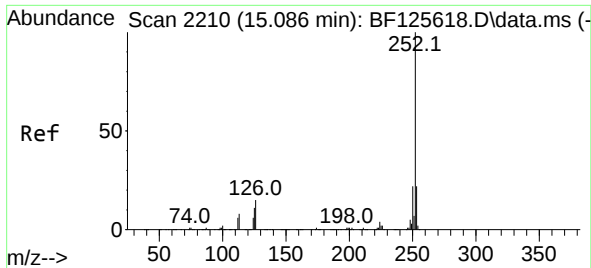
Tgt Ion:149 Resp: 326385
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.1 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:264 Resp: 469980
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.9 17.2 25.8

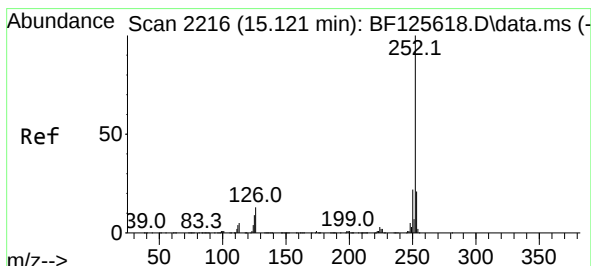
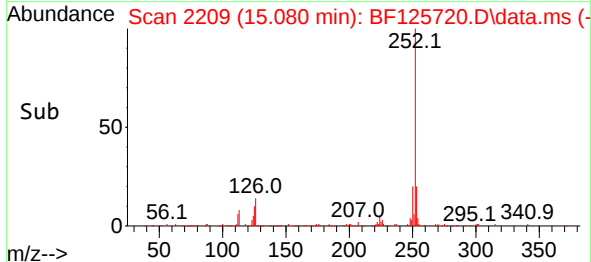
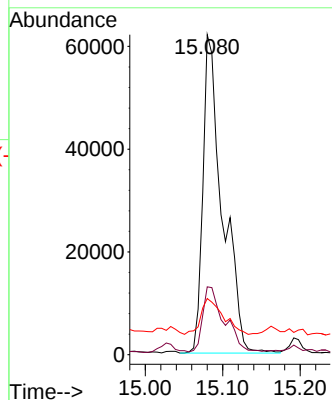
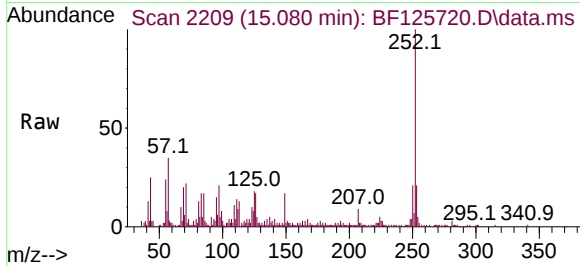




#88
Benzo(b)fluoranthene
Concen: 3.303 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Instrument :
BNA_F
ClientSampleId :
CC-12

Tgt Ion:252 Resp: 108746
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 17.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.447 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF125720.D
Acq: 29 Sep 2021 21:26

Tgt Ion:252 Resp: 108746
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 17.6 7.2 10.8#

