

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124924.D
 Acq On : 3 Aug 2021 19:56
 Operator : JU/CG
 Sample : M3255-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC- TANK-COMP

Quant Time: Aug 04 05:07:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

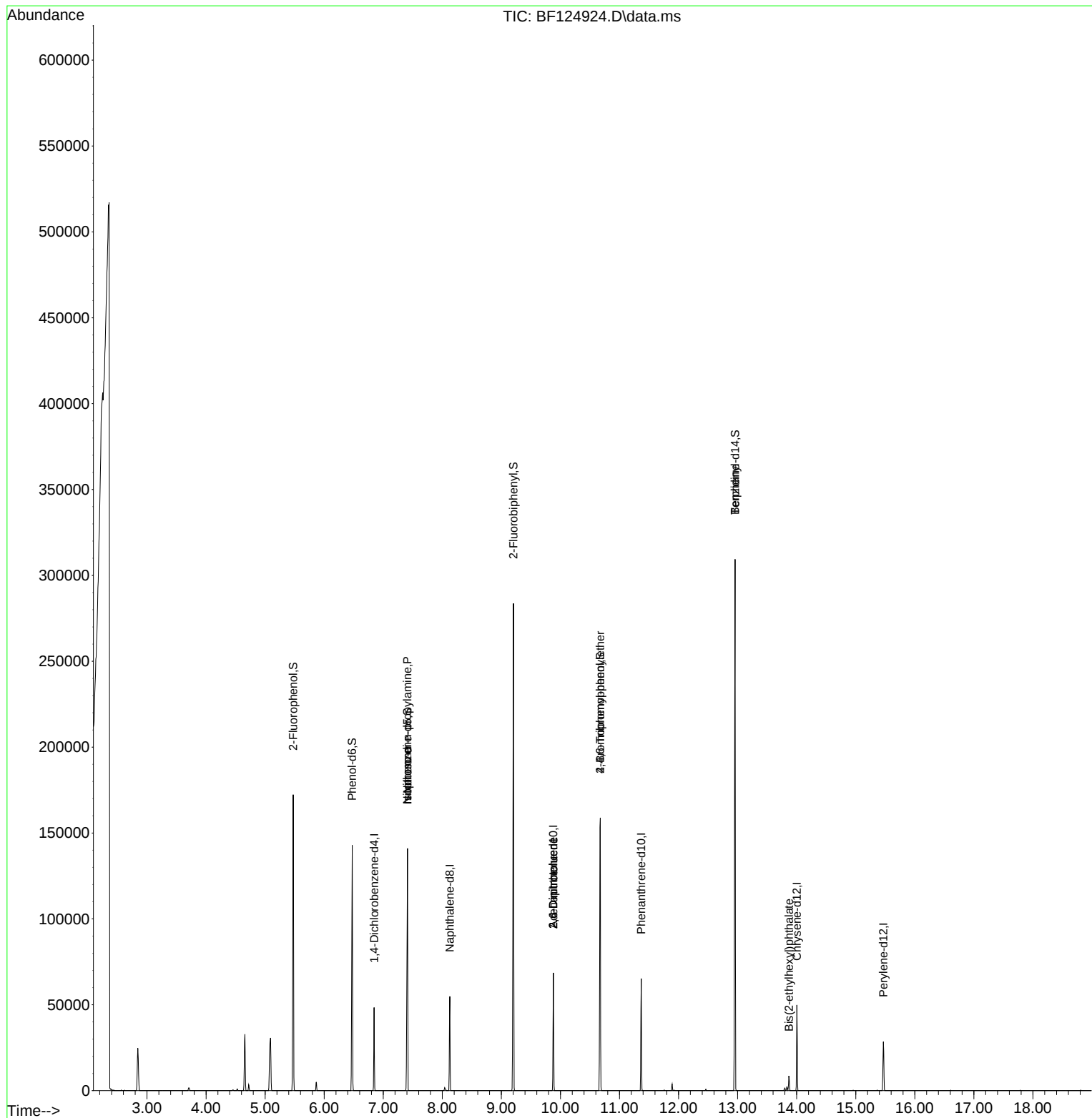
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6153	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	23674	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	13352	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	23390	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	16810	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14071	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	44607	122.748	ng	0.00
7) Phenol-d6	6.475	99	44787	98.307	ng	-0.01
23) Nitrobenzene-d5	7.410	82	42395	106.583	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	17454	152.251	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	84238	92.664	ng	-0.01
79) Terphenyl-d14	12.957	244	100622	102.606	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5441	22.366	ng	# 68
25) Isophorone	7.410	82	42394	60.276	ng	# 59
51) 2,6-Dinitrotoluene	9.880	165	1539	7.577	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	1539	5.584	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	1341	5.406	ng	# 1
77) Benzidine	12.957	184	1423	3.002	ng	# 69
84) Bis(2-ethylhexyl)phtha...	13.868	149	2739	2.917	ng	# 53

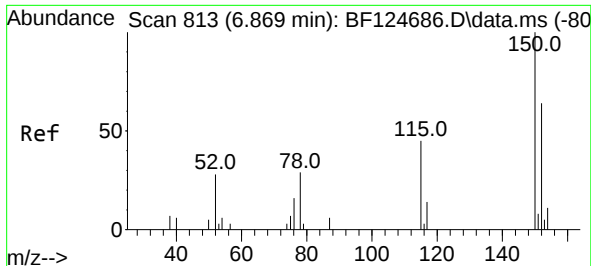
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124924.D
Acq On : 3 Aug 2021 19:56
Operator : JU/CG
Sample : M3255-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

Quant Time: Aug 04 05:07:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

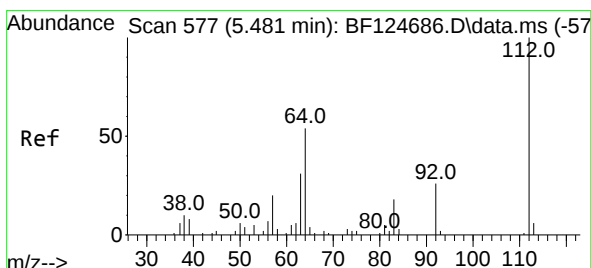
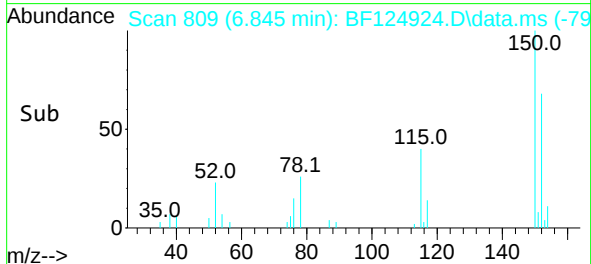
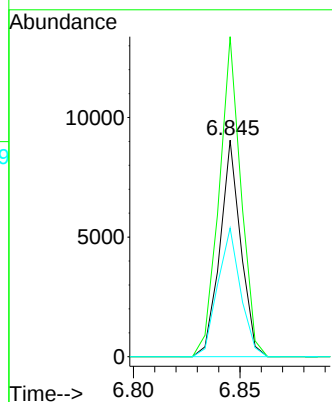
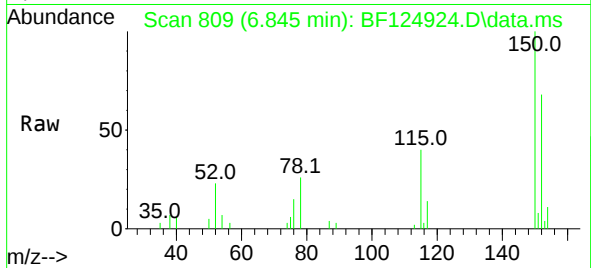




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

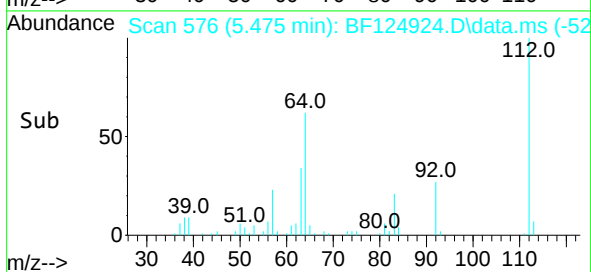
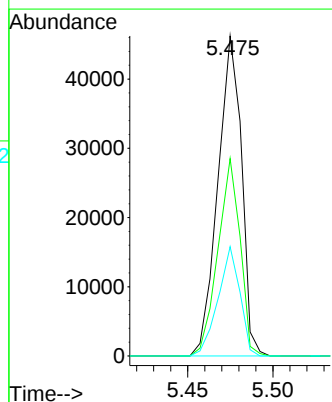
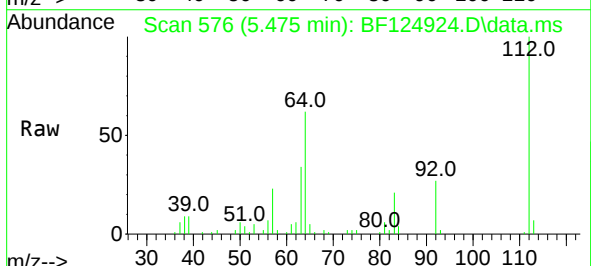
Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

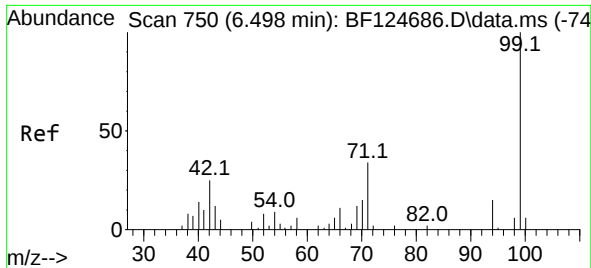
Tgt Ion:152 Resp: 6153
Ion Ratio Lower Upper
152 100
150 147.9 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 122.748 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion:112 Resp: 44607
Ion Ratio Lower Upper
112 100
64 61.7 44.2 66.2
63 34.1 26.2 39.2

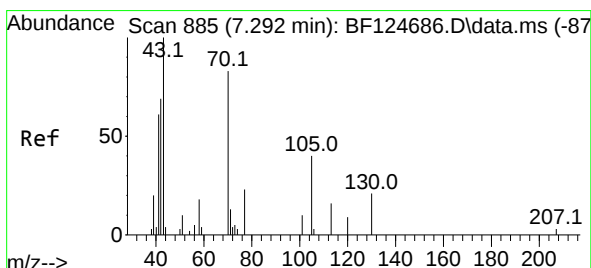
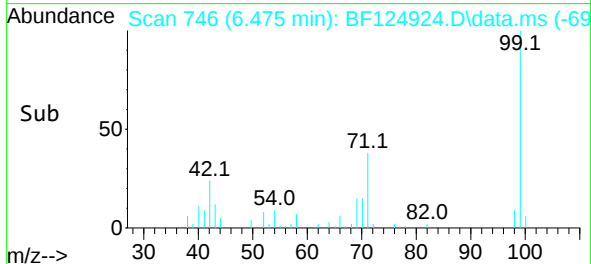
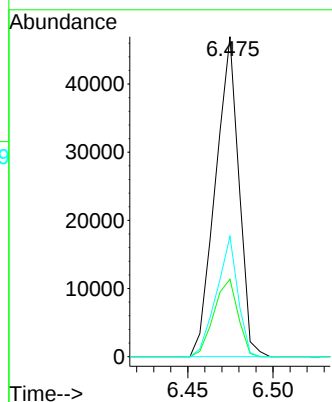
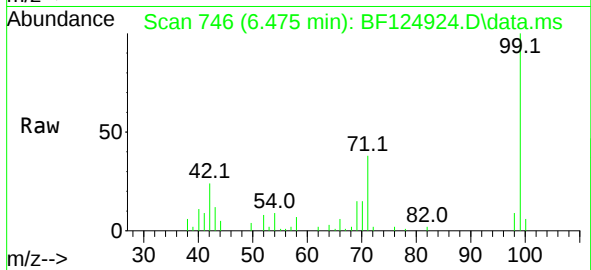




#7
Phenol-d6
Concen: 98.307 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

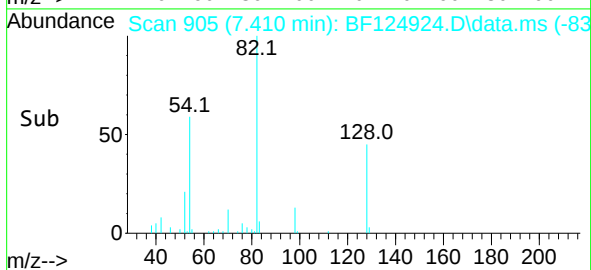
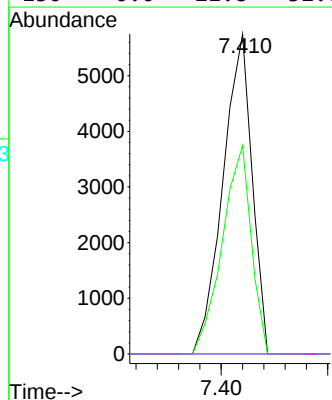
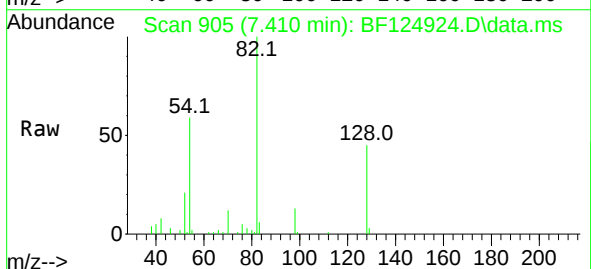
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-COMP

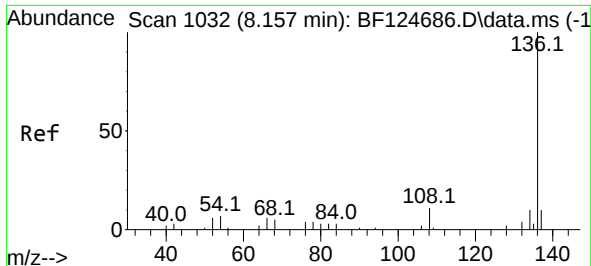
Tgt Ion: 99 Resp: 44787
Ion Ratio Lower Upper
99 100
42 24.2 23.5 35.3
71 37.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.366 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

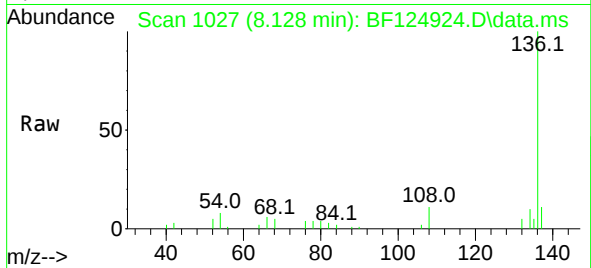
Tgt Ion: 70 Resp: 5441
Ion Ratio Lower Upper
70 100
42 65.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



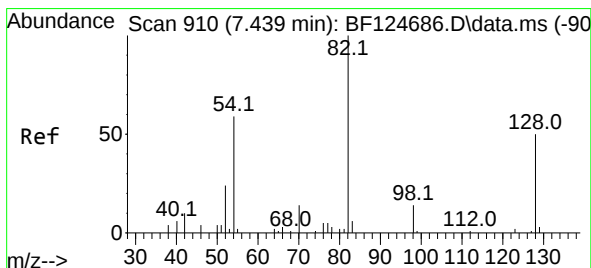
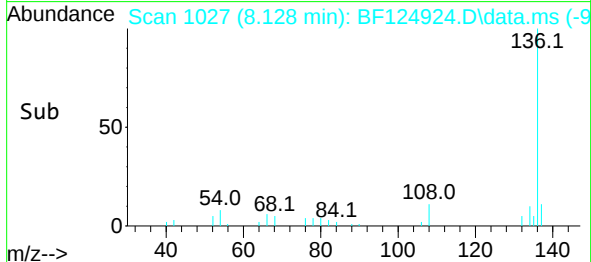
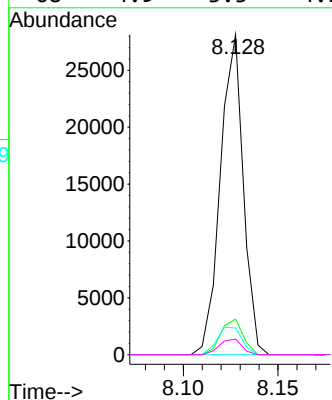


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

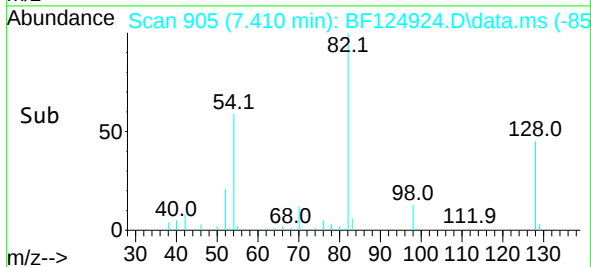
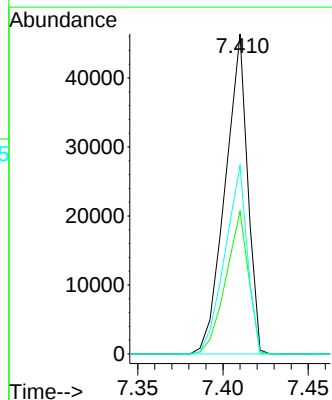
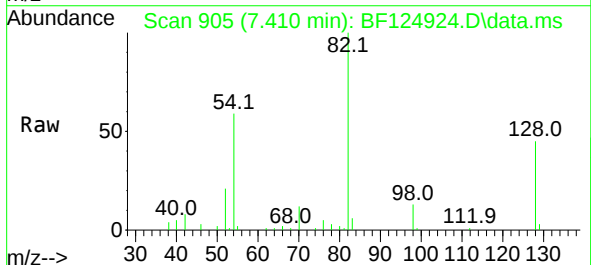


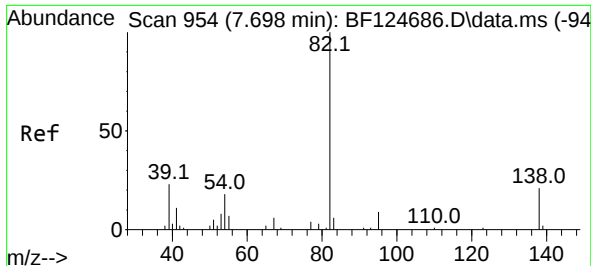
Tgt Ion:136	Resp: 23674
Ion Ratio	Lower Upper
136 100	
137 11.1	9.8 14.6
54 8.4	6.4 9.6
68 4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 106.583 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion: 82	Resp: 42395
Ion Ratio	Lower Upper
82 100	
128 44.5	40.6 60.8
54 58.8	49.6 74.4

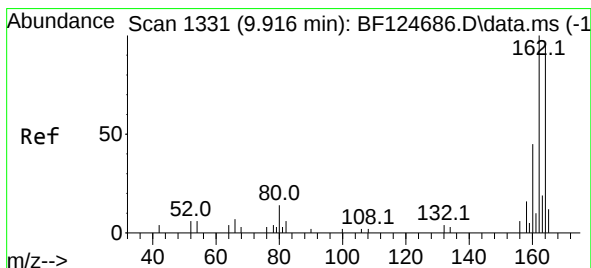
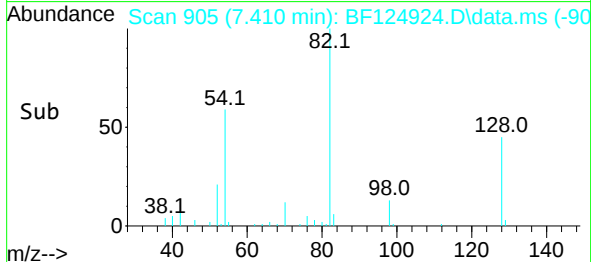
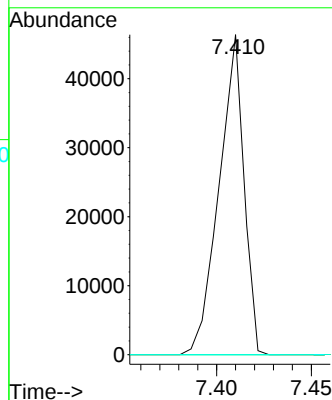
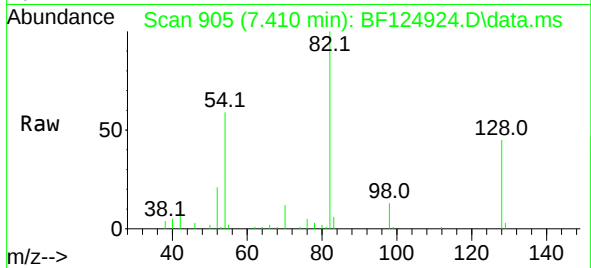




#25
Isophorone
Concen: 60.276 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

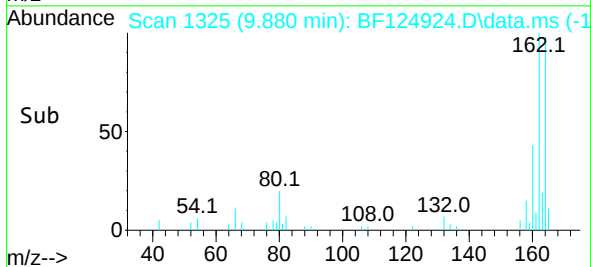
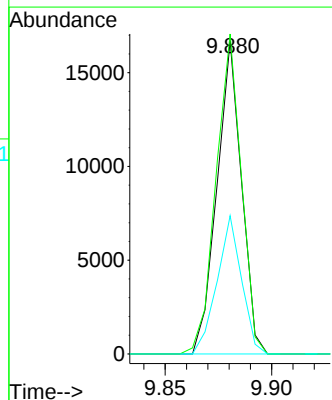
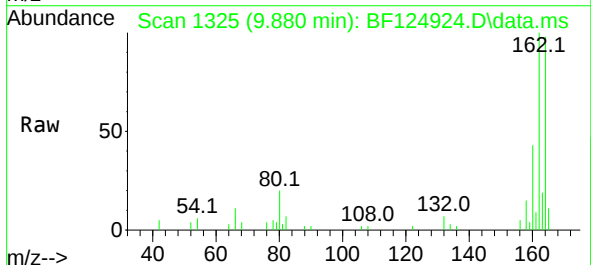
Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

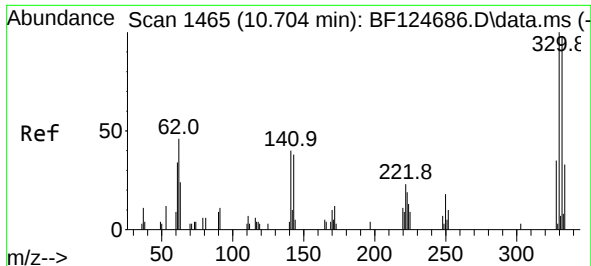
Tgt Ion: 82 Resp: 42394
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion: 164 Resp: 13352
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.1 38.0 57.0

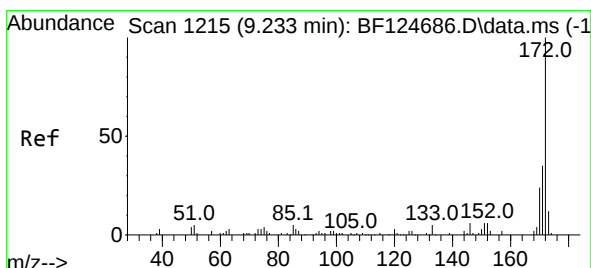
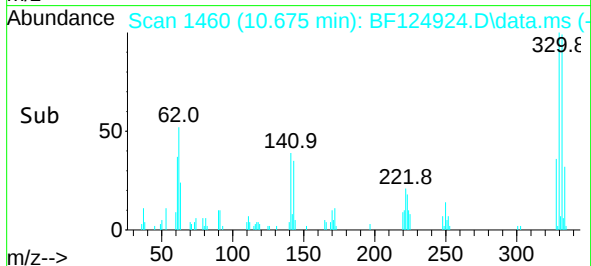
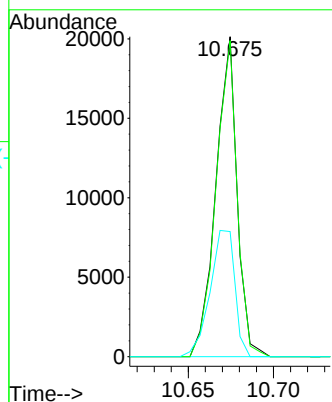
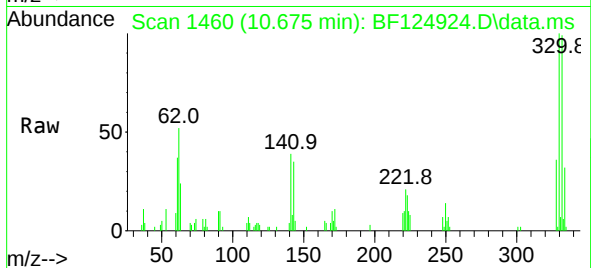




#42
2,4,6-Tribromophenol
Concen: 152.251 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

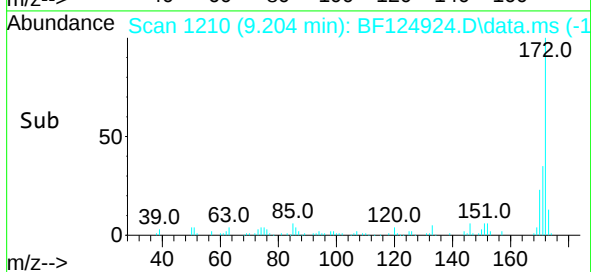
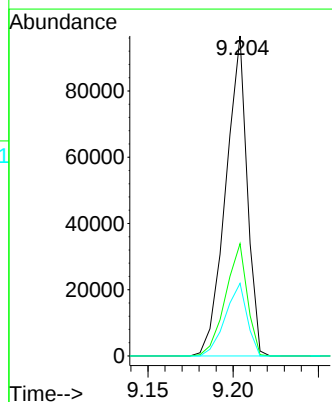
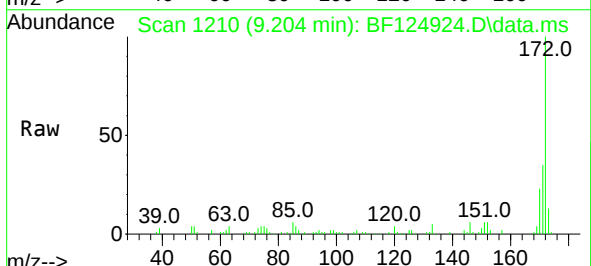
Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

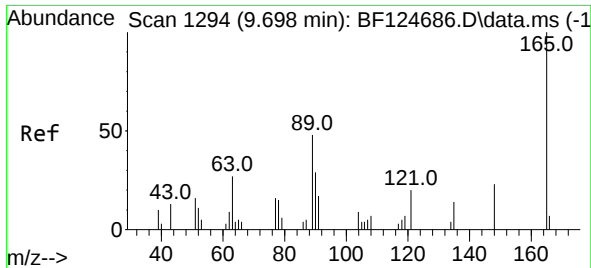
Tgt Ion:330 Resp: 17454
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 46.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.664 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion:172 Resp: 84238
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 22.7 18.8 28.2

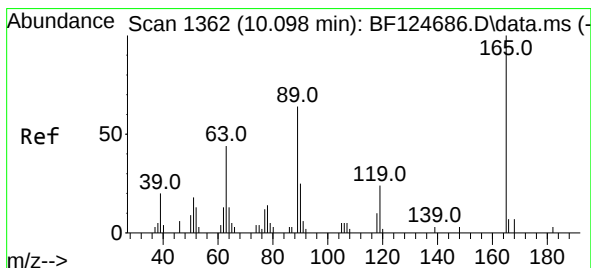
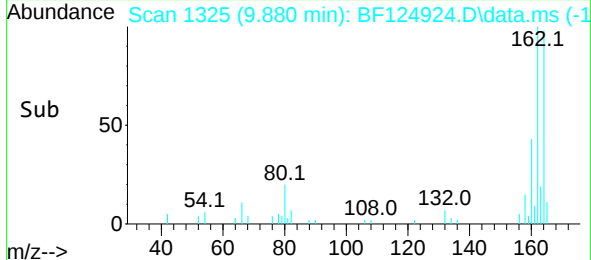
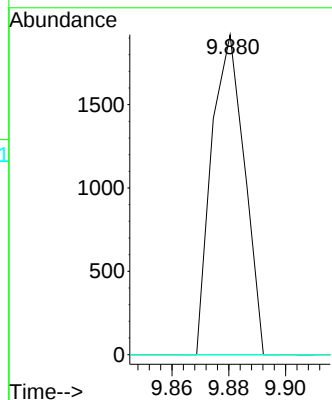
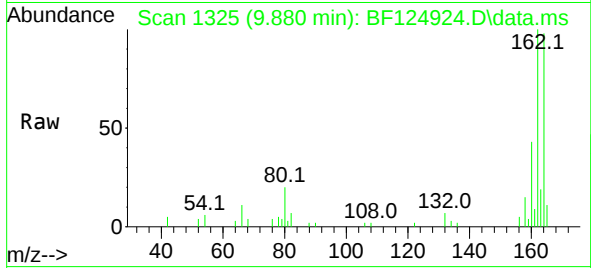




#51
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

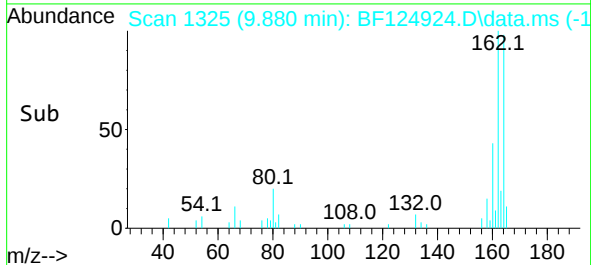
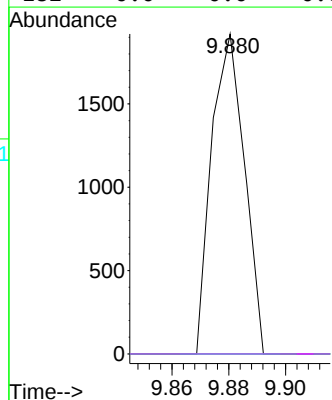
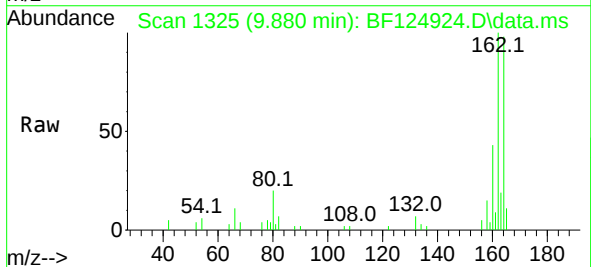
Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

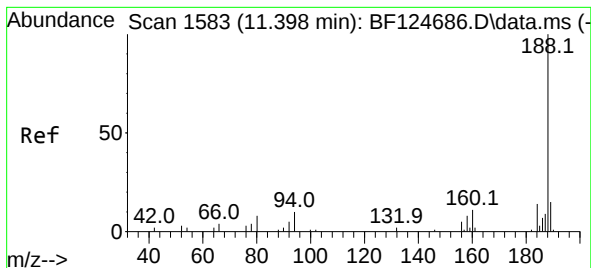
Tgt Ion:165 Resp: 1539
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.584 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion:165 Resp: 1539
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

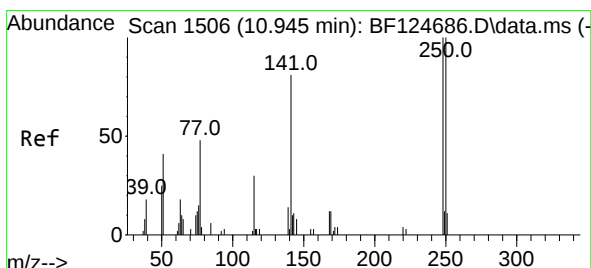
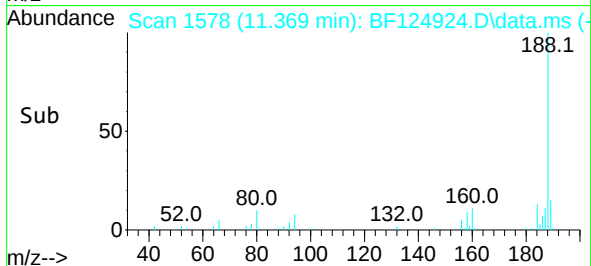
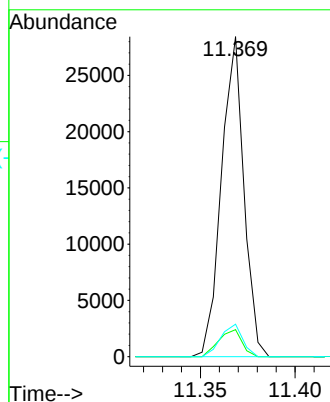
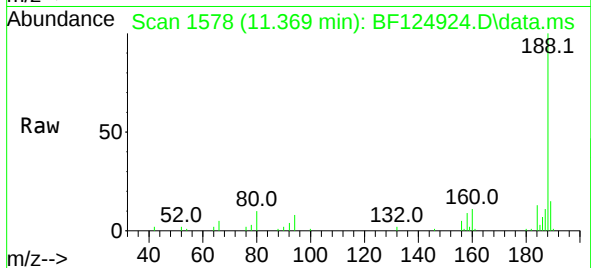




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

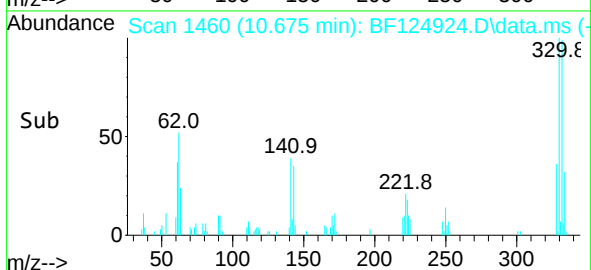
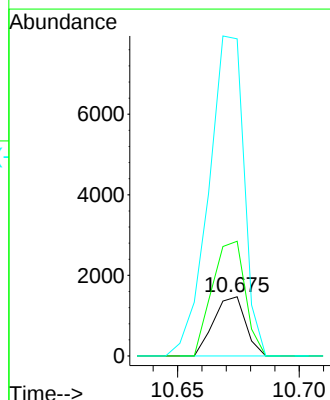
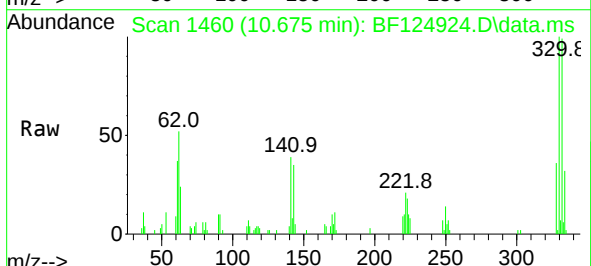
Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMP

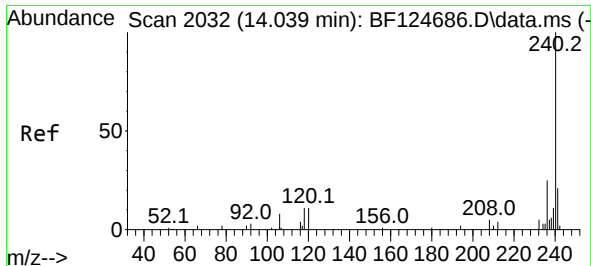
Tgt Ion:188 Resp: 23390
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.406 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

Tgt Ion:248 Resp: 1341
Ion Ratio Lower Upper
248 100
250 193.7 74.2 111.4#
141 535.5 60.4 90.6#

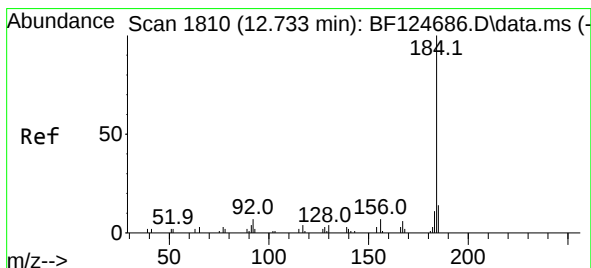
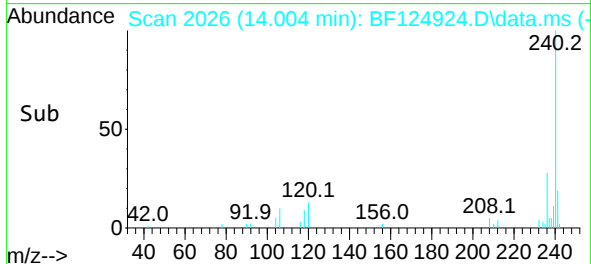
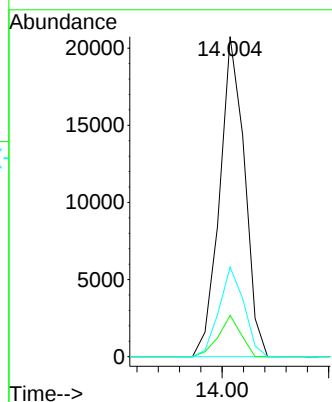
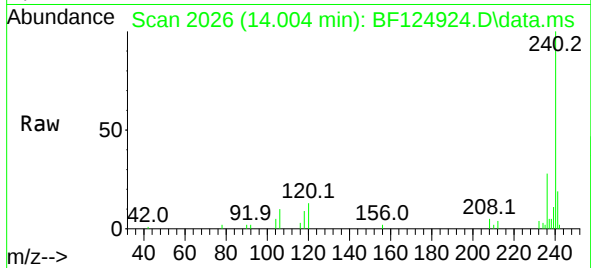




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

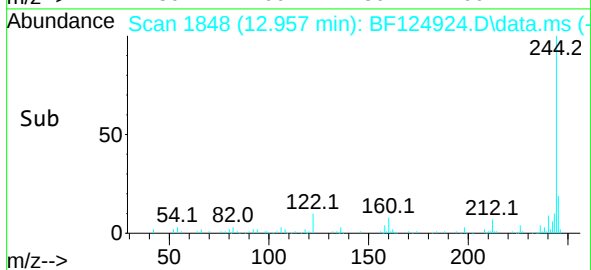
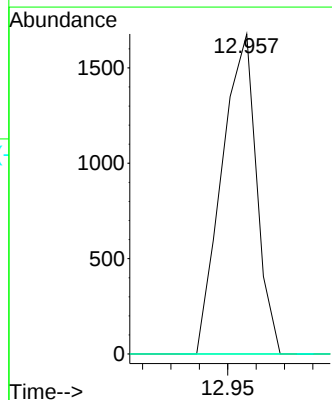
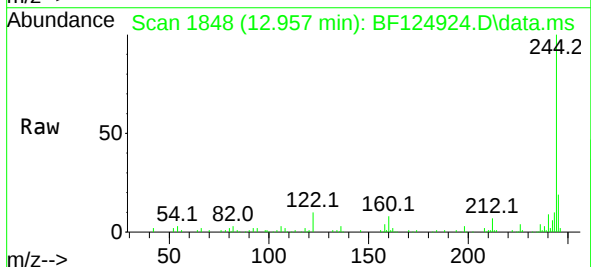
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-COMP

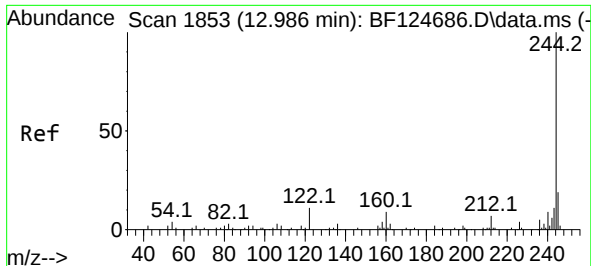
Tgt Ion:240 Resp: 16810
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 28.0 21.6 32.4



#77
Benzidine
Concen: 3.002 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124924.D
Acq: 3 Aug 2021 19:56

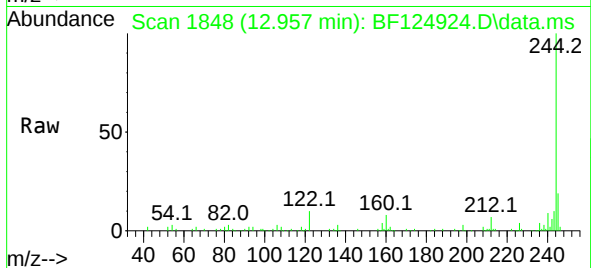
Tgt Ion:184 Resp: 1423
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



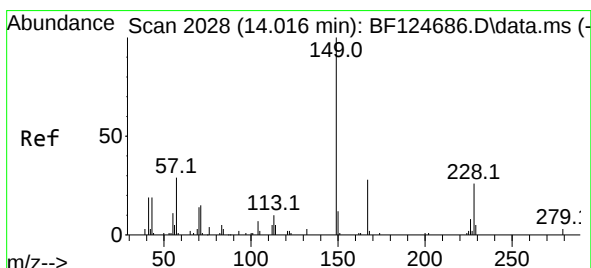
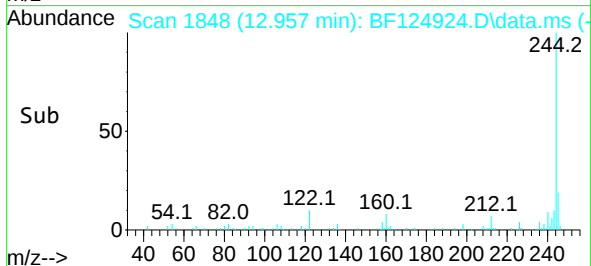
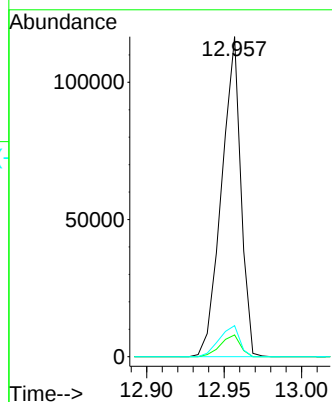


#79
 Terphenyl-d14
 Concen: 102.606 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124924.D
 Acq: 3 Aug 2021 19:56

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-COMP

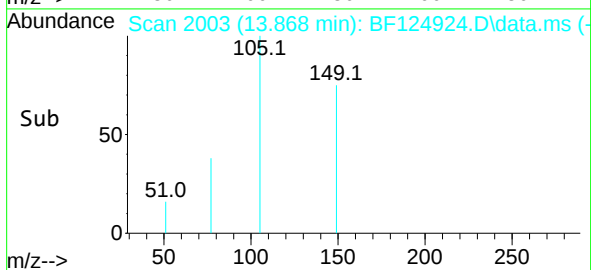
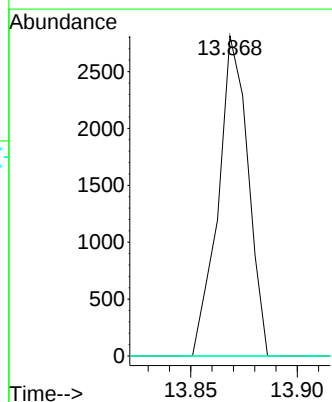
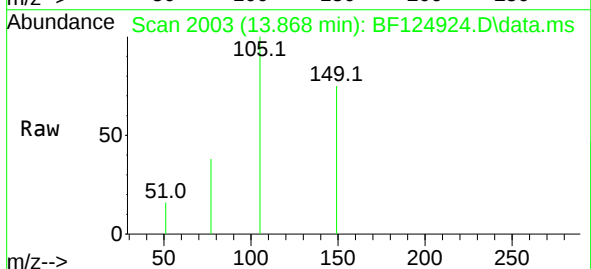


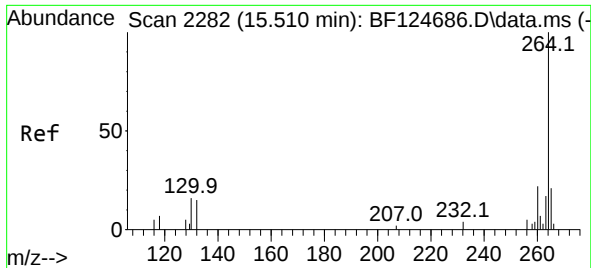
Tgt Ion:244 Resp: 100622
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.7 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.917 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. -0.123 min
 Lab File: BF124924.D
 Acq: 3 Aug 2021 19:56

Tgt Ion:149 Resp: 2739
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF124924.D
 Acq: 3 Aug 2021 19:56

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-COMP

Tgt Ion:264 Resp: 14071
 Ion Ratio Lower Upper
 264 100
 260 29.1 19.6 29.4
 265 22.2 17.2 25.8

