

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125374.D
 Acq On : 4 Sep 2021 17:49
 Operator : JU/CG
 Sample : M3648-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211059-SI-COMP-4-MODIFIED-EL

Quant Time: Sep 06 08:28:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

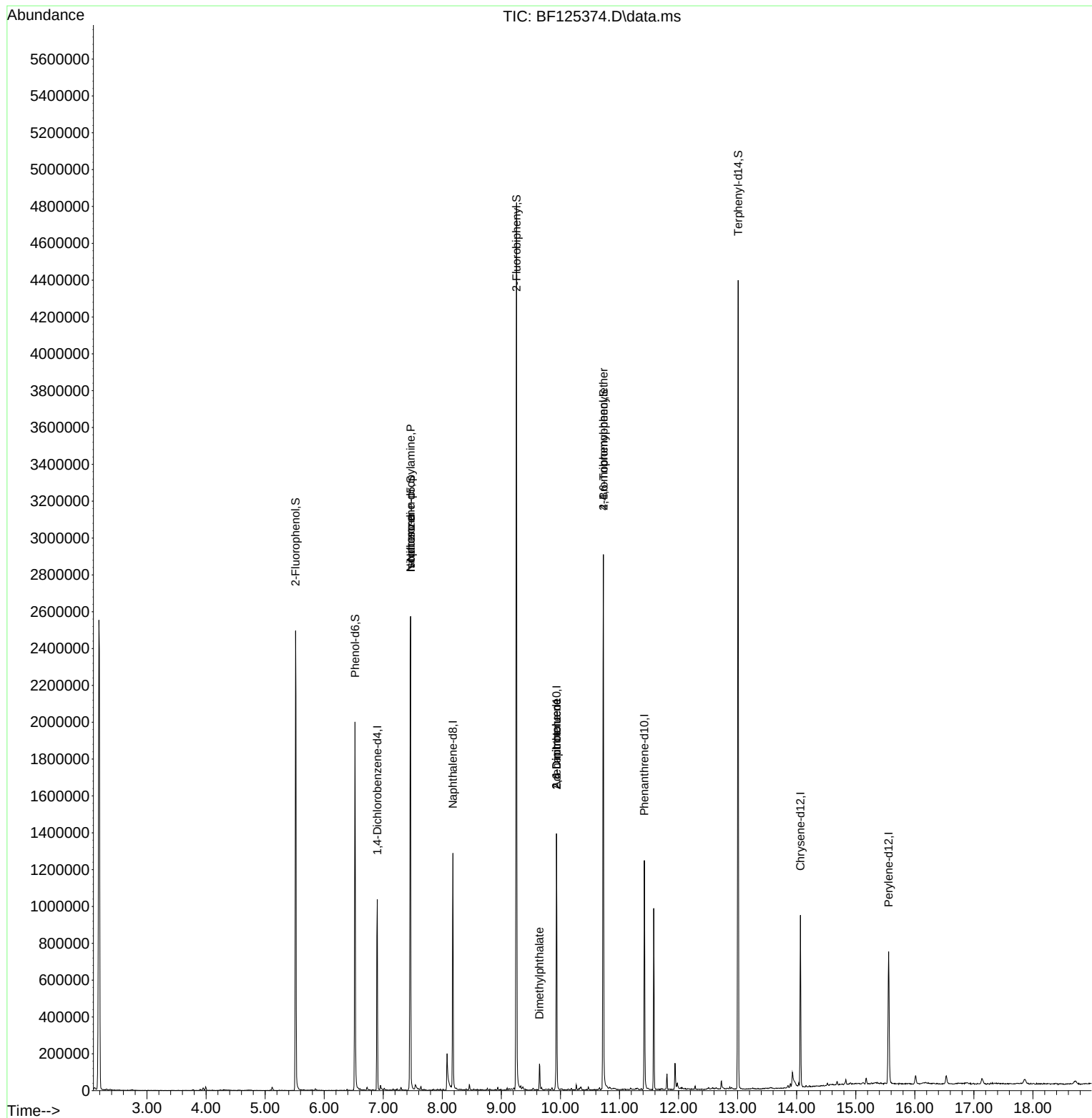
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	148728	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	549260	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	271935	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	457737	20.000	ng	0.00
76) Chrysene-d12	14.062	240	317178	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	346094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	652750	66.430	ng	0.00
7) Phenol-d6	6.522	99	623643	49.074	ng	-0.01
23) Nitrobenzene-d5	7.463	82	876816	80.367	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	378695	139.508	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1509805	77.381	ng	0.00
79) Terphenyl-d14	13.010	244	1477188	74.195	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	116994	15.306	ng	# 55
25) Isophorone	7.463	82	876810	41.660	ng	# 59
50) Dimethylphthalate	9.645	163	61082	3.241	ng	# 95
51) 2,6-Dinitrotoluene	9.933	165	34942	8.551	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	34942	7.065	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	23192	4.219	ng	# 1

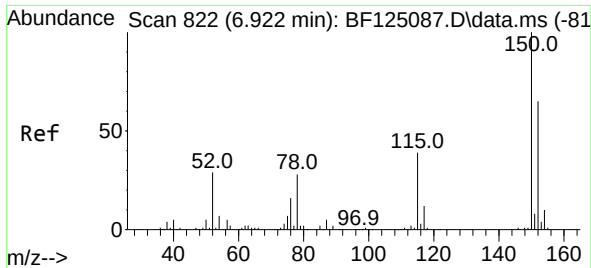
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
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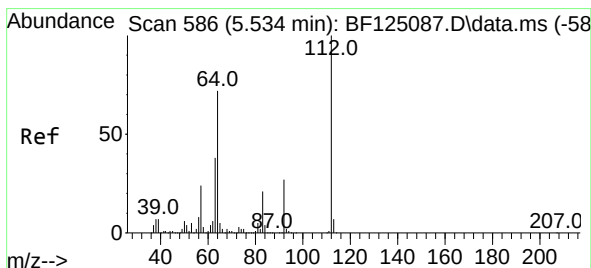
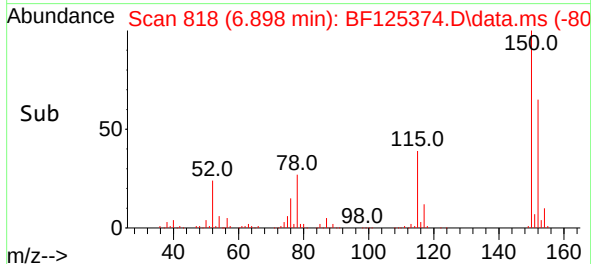
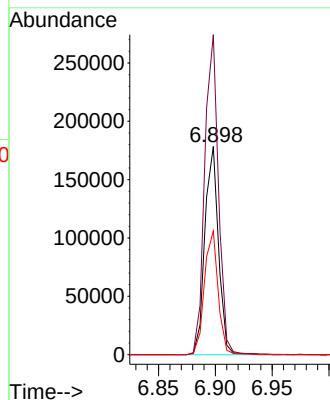
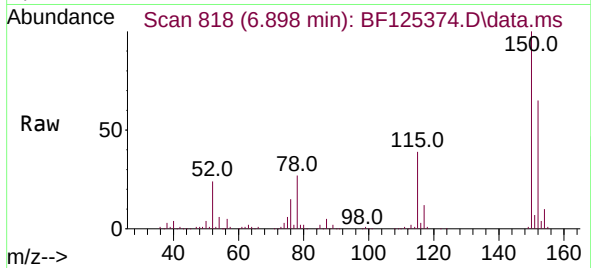




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

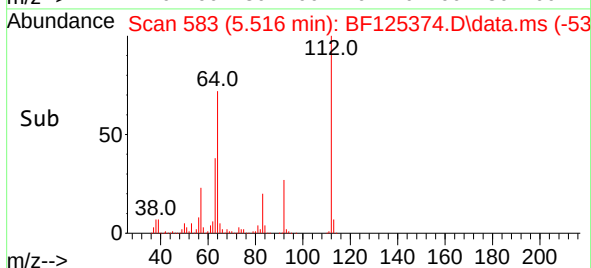
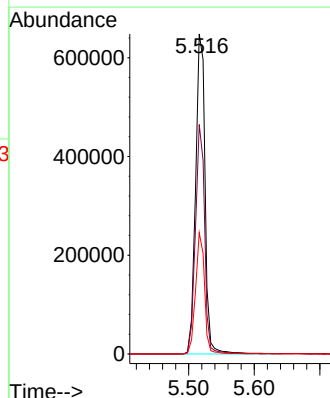
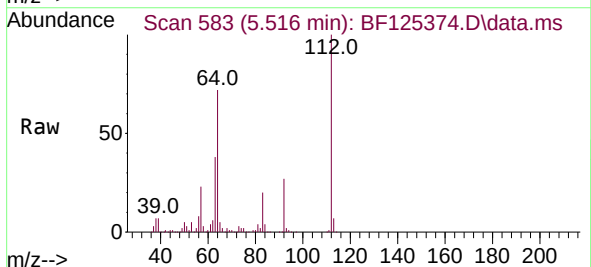
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

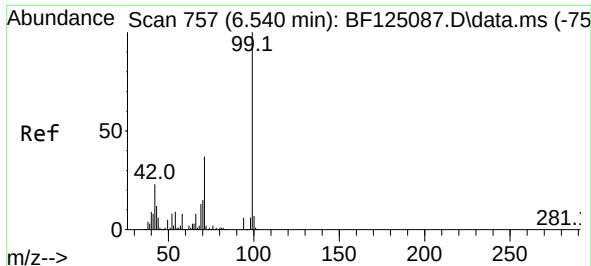
Tgt Ion:152 Resp: 148728
Ion Ratio Lower Upper
152 100
150 153.7 117.6 176.4
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 66.430 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion:112 Resp: 652750
Ion Ratio Lower Upper
112 100
64 71.7 44.2 66.2#
63 37.9 26.2 39.2

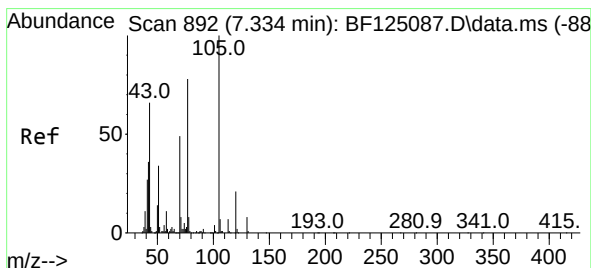
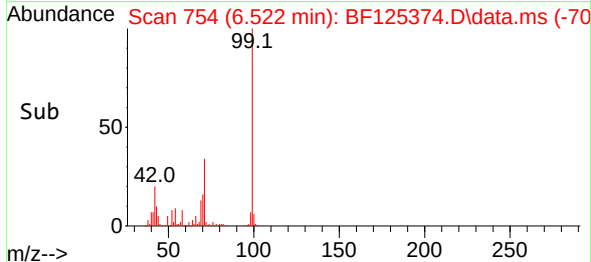
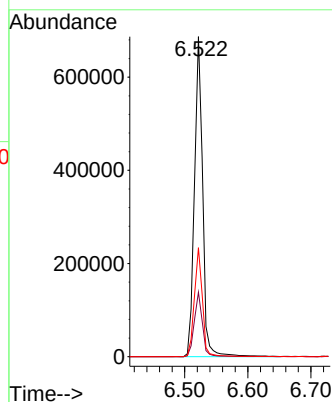
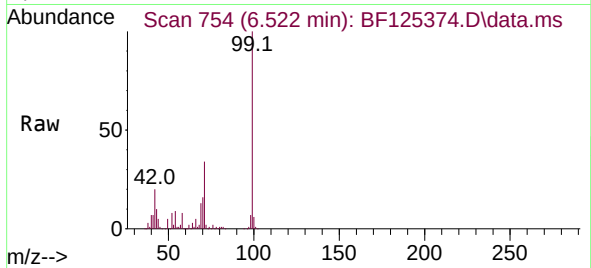




#7
Phenol-d6
Concen: 49.074 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

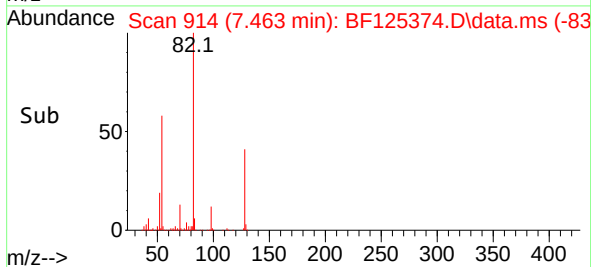
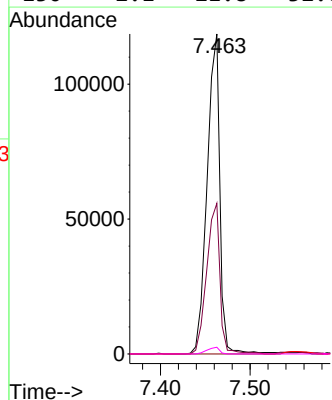
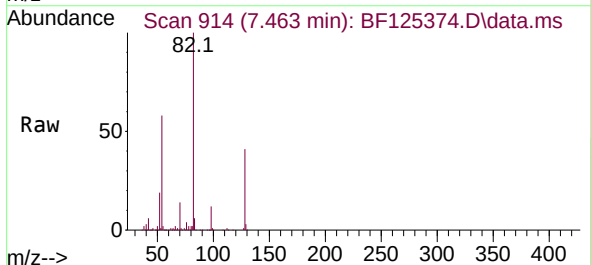
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

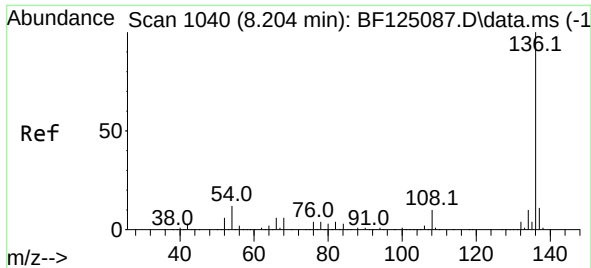
Tgt Ion: 99 Resp: 623643
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 34.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.306 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion: 70 Resp: 116994
Ion Ratio Lower Upper
70 100
42 47.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

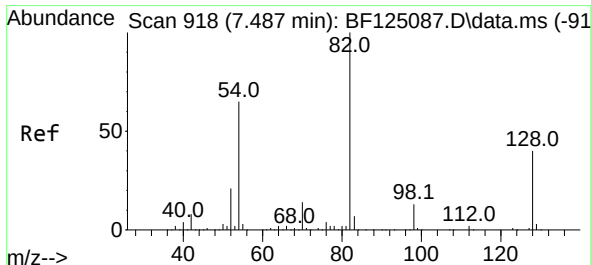
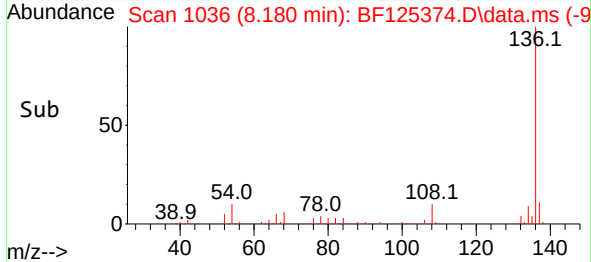
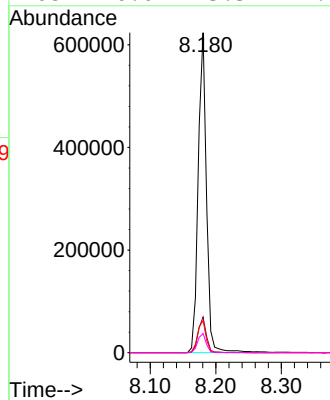
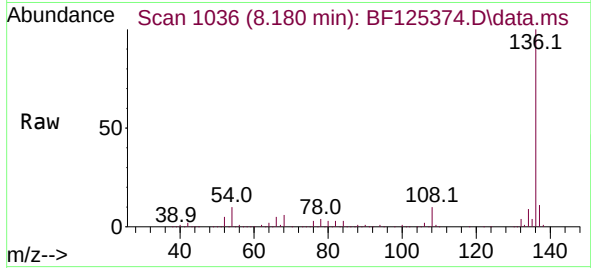




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

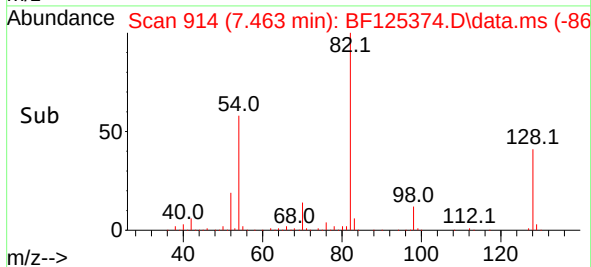
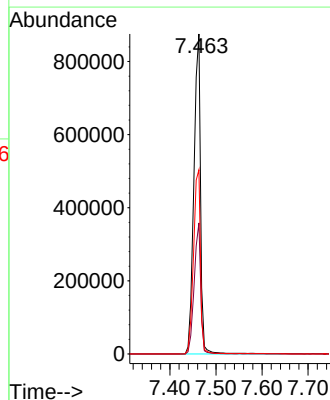
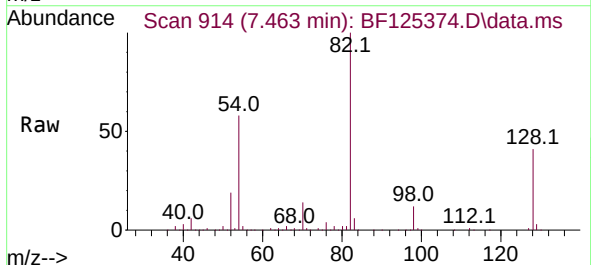
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

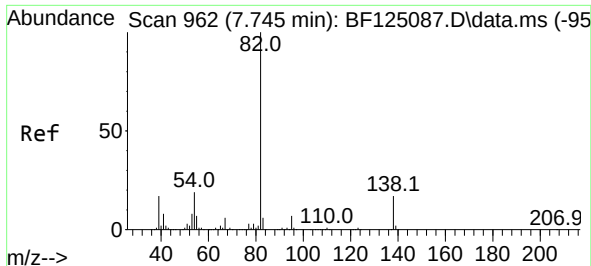
Tgt Ion:136	Resp: 549260
Ion Ratio	Lower Upper
136 100	
137 11.2	9.8 14.6
54 10.0	6.4 9.6#
68 6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 80.367 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion: 82	Resp: 876816
Ion Ratio	Lower Upper
82 100	
128 40.9	40.6 60.8
54 57.5	49.6 74.4

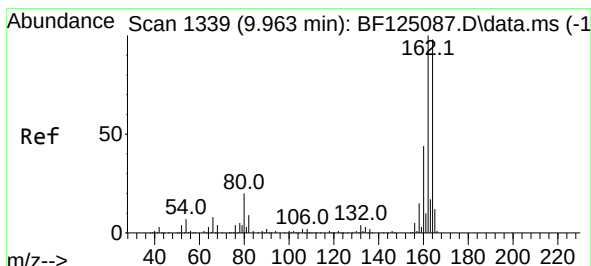
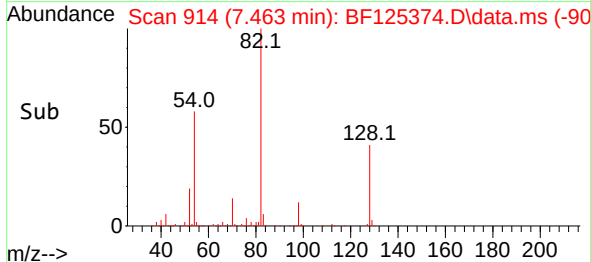
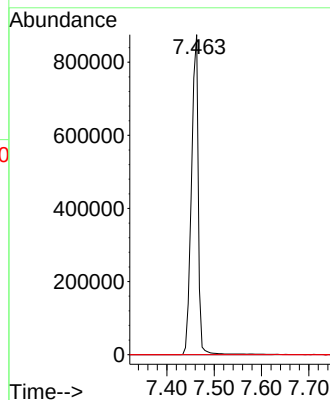
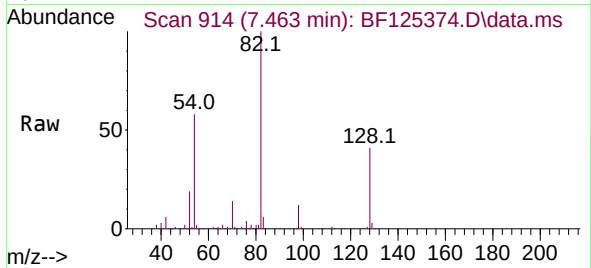




#25
Isophorone
Concen: 41.660 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

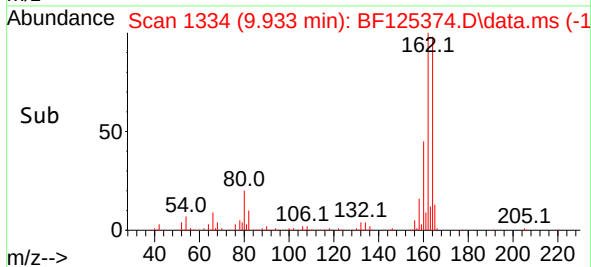
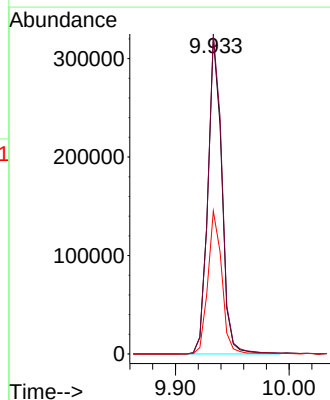
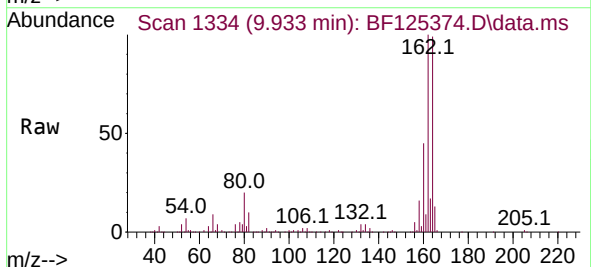
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

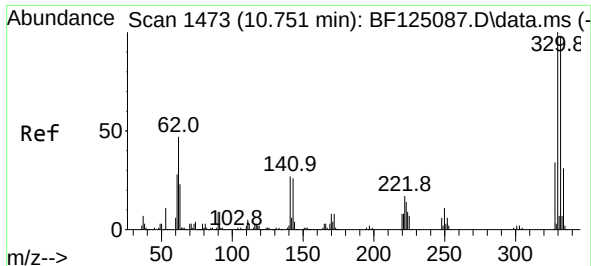
Tgt Ion: 82 Resp: 876810
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion: 164 Resp: 271935
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 45.2 38.0 57.0

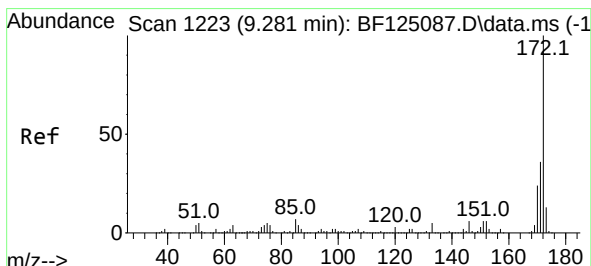
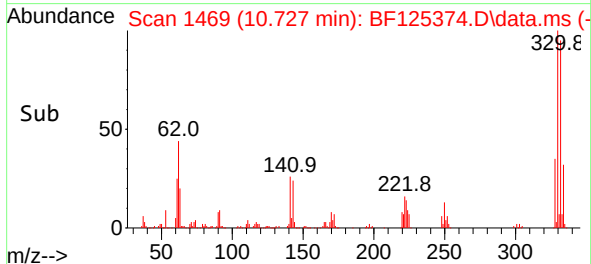
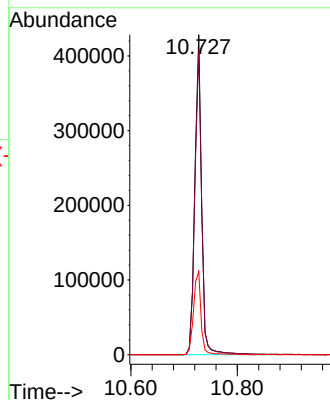
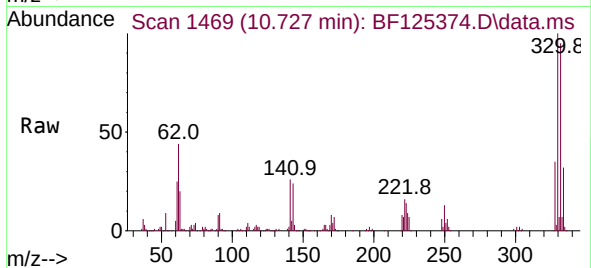




#42
2,4,6-Tribromophenol
Concen: 139.508 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

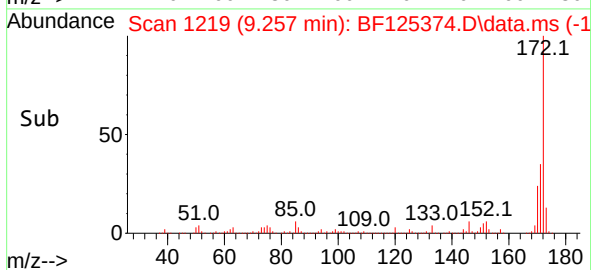
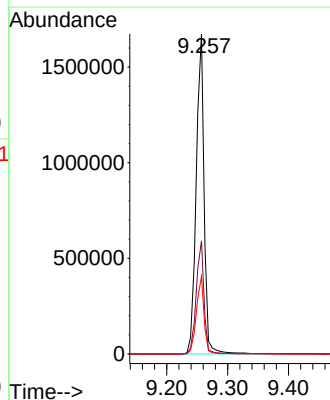
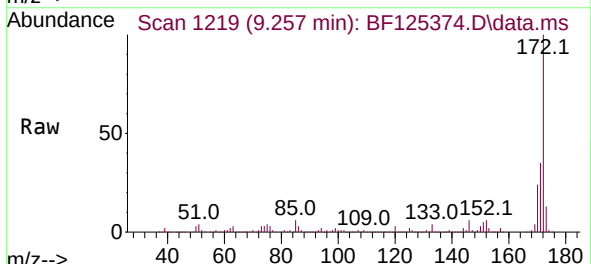
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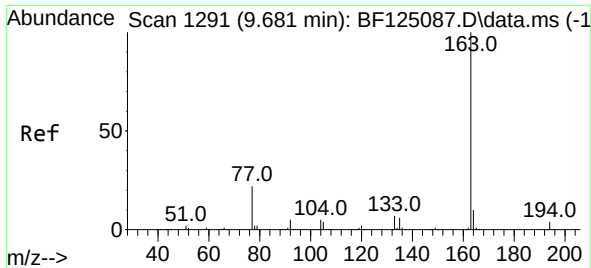
Tgt Ion:330 Resp: 378695
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 28.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 77.381 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion:172 Resp: 1509805
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.2 18.8 28.2

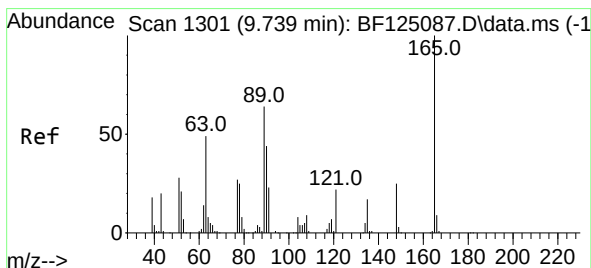
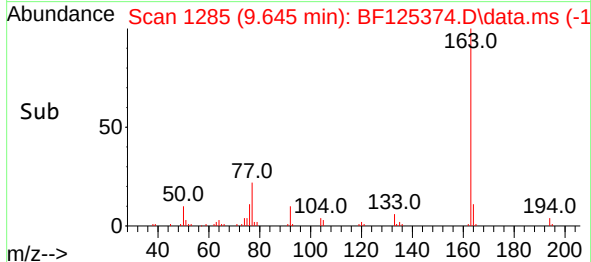
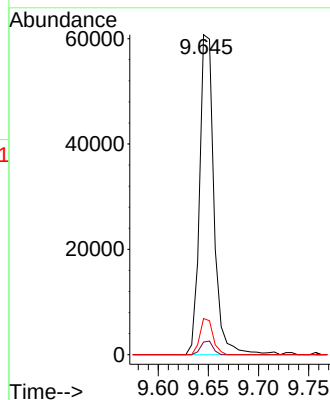
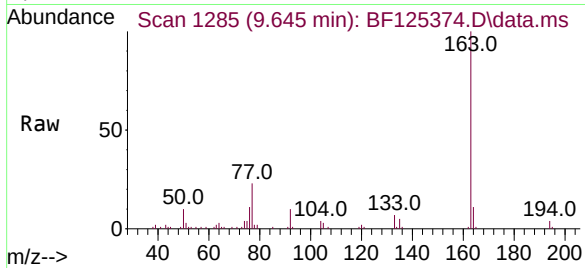




#50
Dimethylphthalate
Concen: 3.241 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

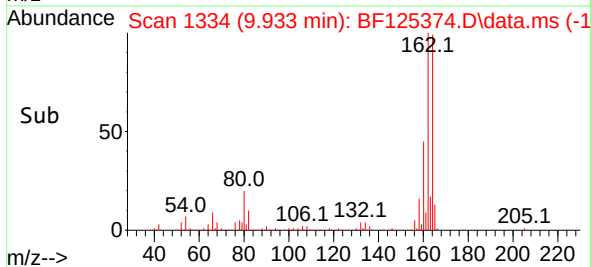
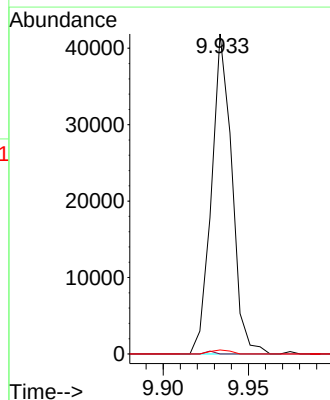
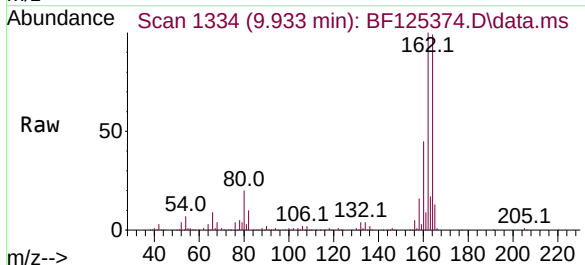
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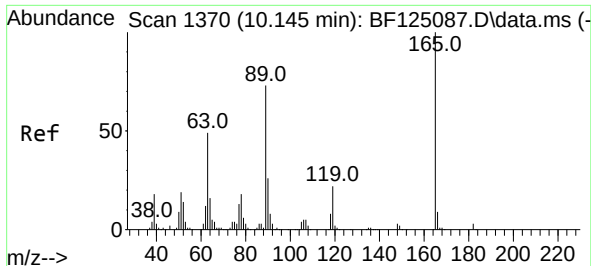
Tgt Ion:163 Resp: 61082
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 11.3 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion:165 Resp: 34942
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.3 40.6 60.8#

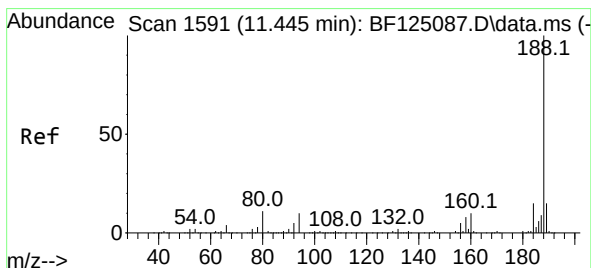
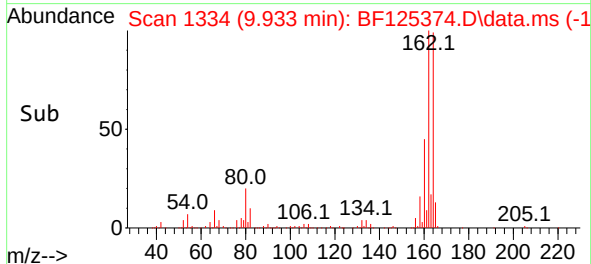
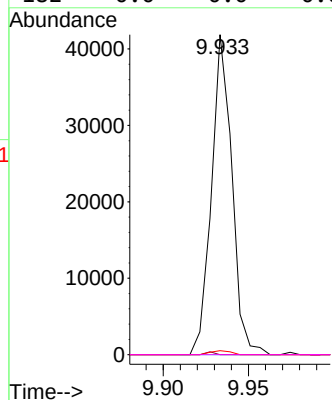
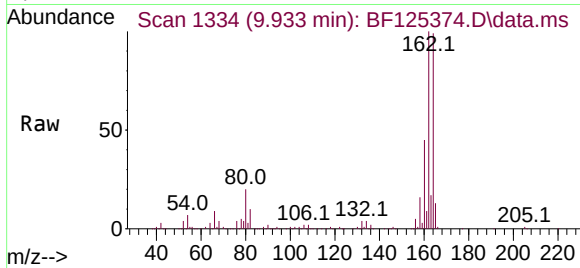




#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

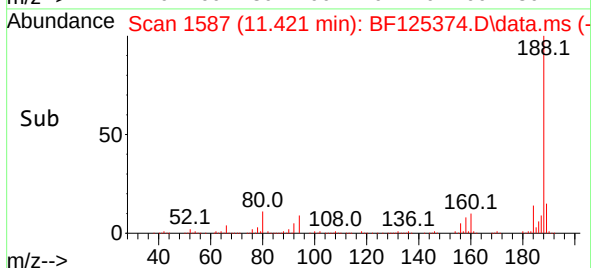
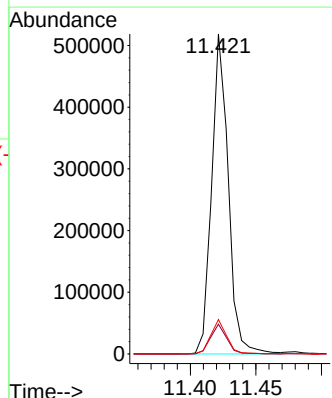
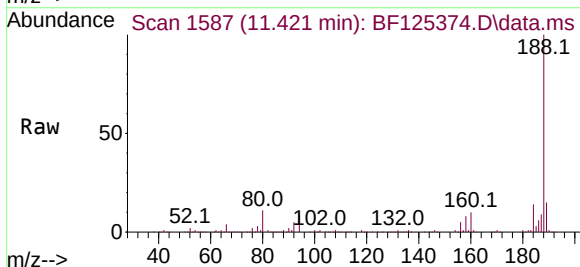
Instrument :
BNA_F
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20211059-SI-COMP-4-MODIFIED-EL

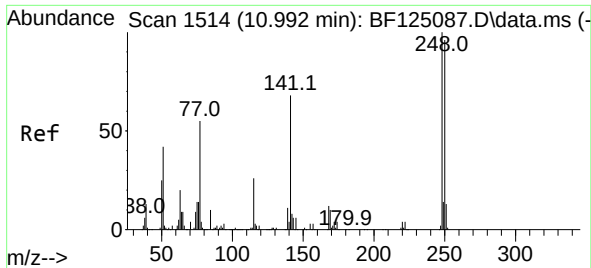
Tgt Ion:165 Resp: 34942
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion:188 Resp: 457737
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.7 7.5 11.3

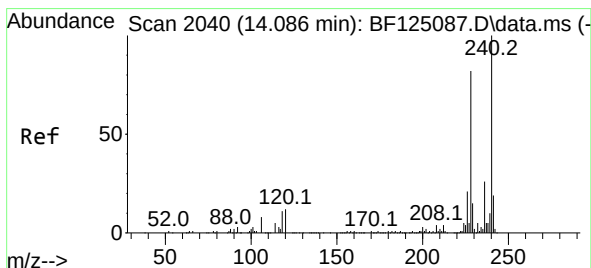
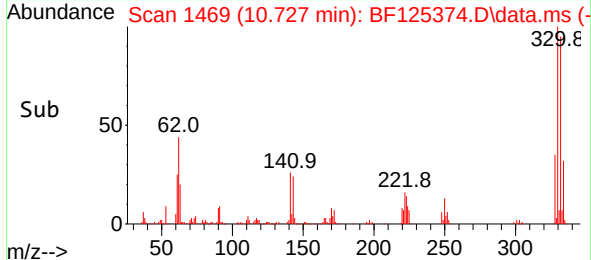
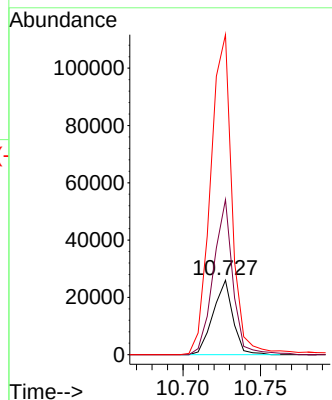
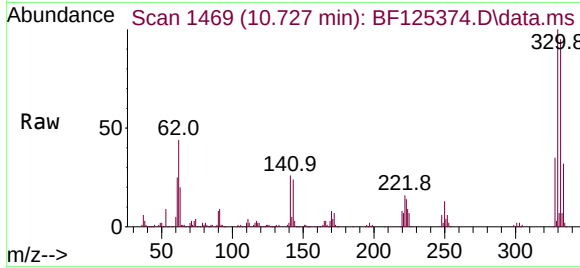




#67
4-Bromophenyl-phenylether
Concen: 4.219 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

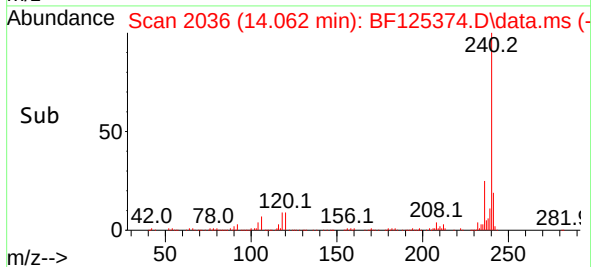
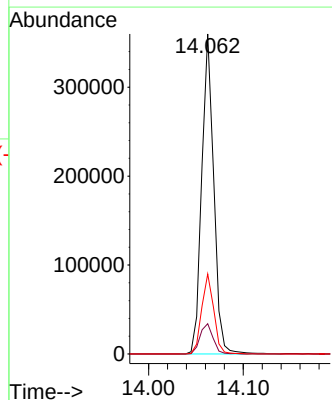
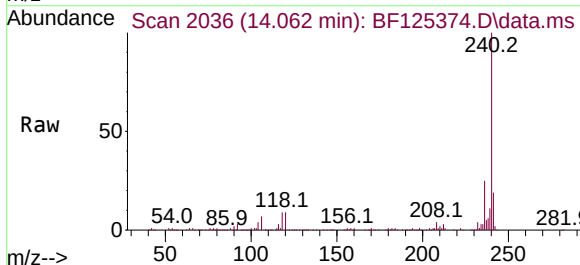
Instrument :
BNA_F
ClientSampleId :
20211059-SI-COMP-4-MODIFIED-EL

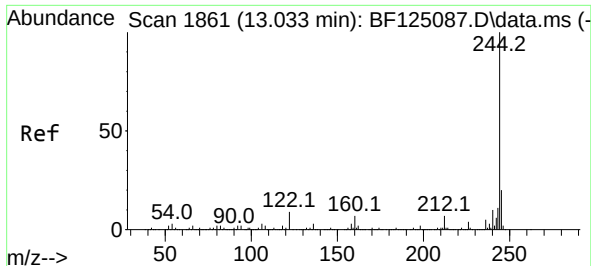
Tgt Ion:248 Resp: 23192
Ion Ratio Lower Upper
248 100
250 208.2 74.2 111.4#
141 429.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125374.D
Acq: 4 Sep 2021 17:49

Tgt Ion:240 Resp: 317178
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.0 21.6 32.4

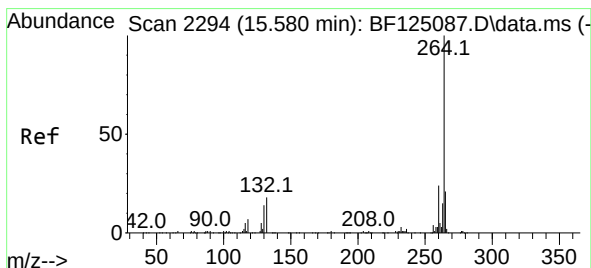
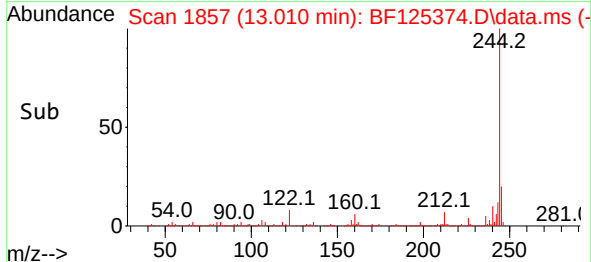
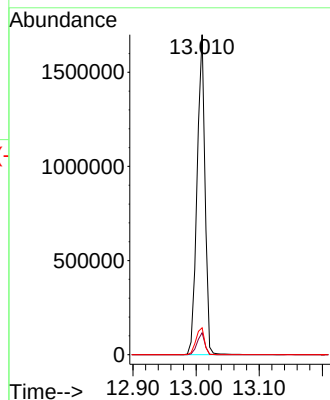
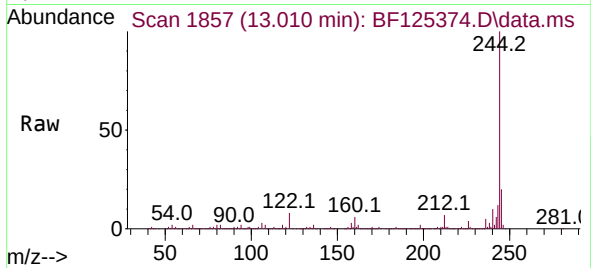




#79
 Terphenyl-d14
 Concen: 74.195 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: BF125374.D
 Acq: 4 Sep 2021 17:49

Instrument :
 BNA_F
 ClientSampleId :
 20211059-SI-COMP-4-MODIFIED-EL

Tgt Ion:244 Resp: 1477188
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.4 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125374.D
 Acq: 4 Sep 2021 17:49

Tgt Ion:264 Resp: 346094
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.9 17.2 25.8

