

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125370.D
 Acq On : 4 Sep 2021 15:39
 Operator : JU/CG
 Sample : M3648-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211056-SI-COMP-1-MODIFIED-EL

Quant Time: Sep 06 08:28:17 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)

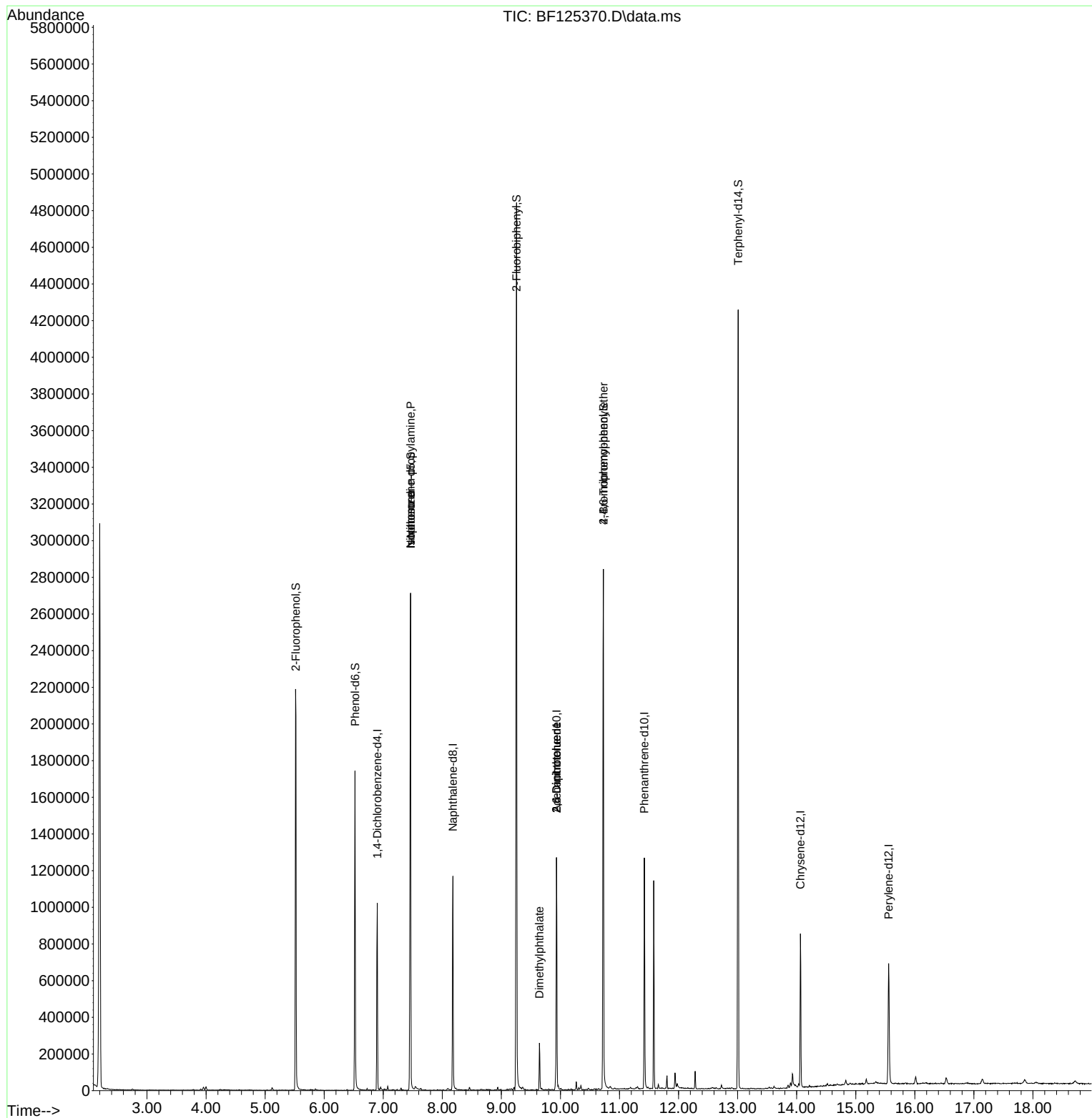
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	139725	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	529439	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	264668	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	439587	20.000	ng	0.00
76) Chrysene-d12	14.062	240	306674	20.000	ng	0.00
86) Perylene-d12	15.557	264	317602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	580083	62.839	ng	0.00
7) Phenol-d6	6.522	99	513043	42.972	ng	-0.01
23) Nitrobenzene-d5	7.463	82	903441	85.908	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	380852	144.154	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1554638	81.867	ng	0.00
79) Terphenyl-d14	13.010	244	1501649	78.007	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	121918	16.978	ng	# 54
25) Isophorone	7.463	82	903428	44.531	ng	# 59
50) Dimethylphthalate	9.645	163	103595	5.648	ng	98
51) 2,6-Dinitrotoluene	9.933	165	34133	8.583	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	34133	7.091	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	23497	4.451	ng	# 1

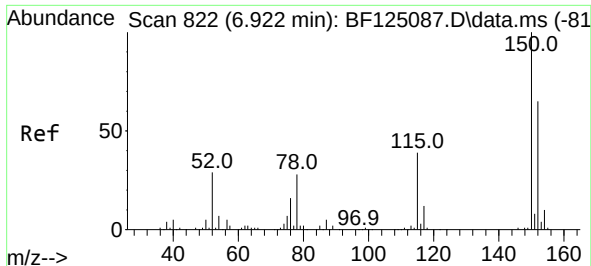
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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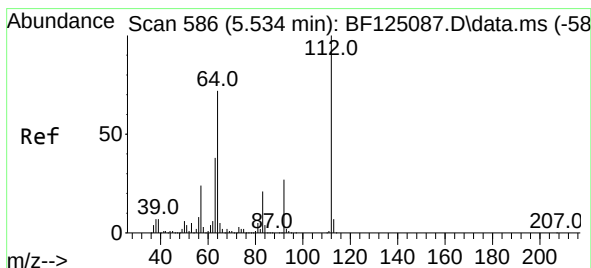
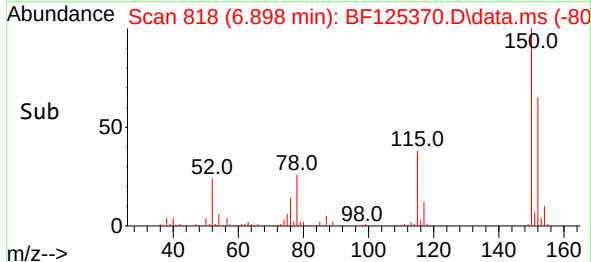
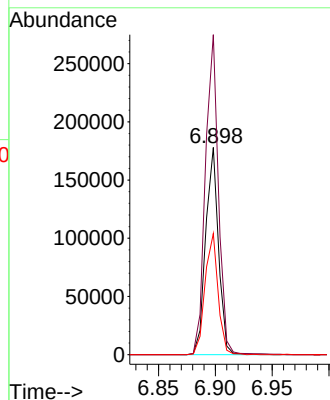
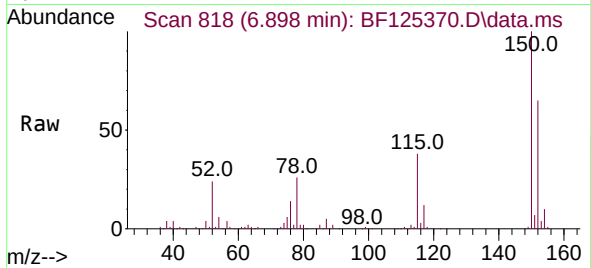




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

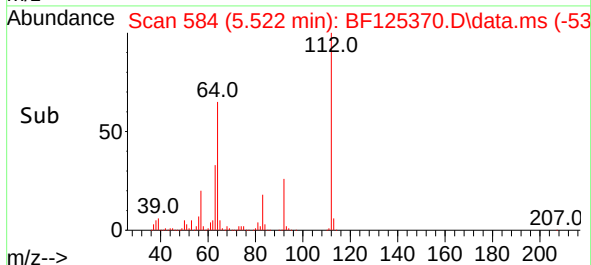
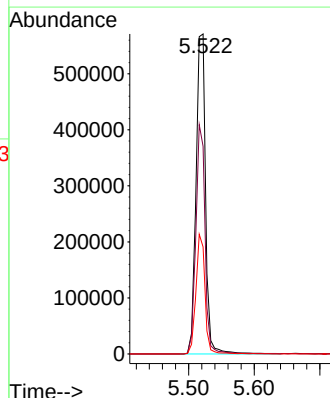
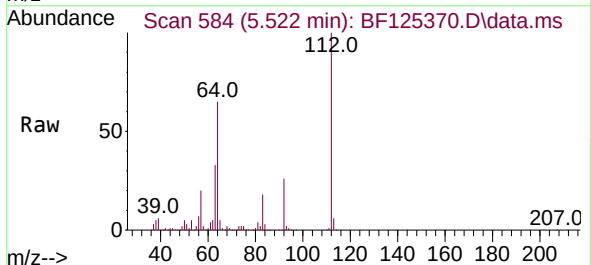
Instrument :
BNA_F
ClientSampleId :
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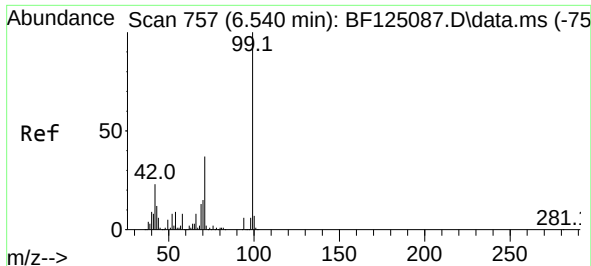
Tgt Ion:152 Resp: 139725
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 62.839 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion:112 Resp: 580083
Ion Ratio Lower Upper
112 100
64 64.9 44.2 66.2
63 33.4 26.2 39.2

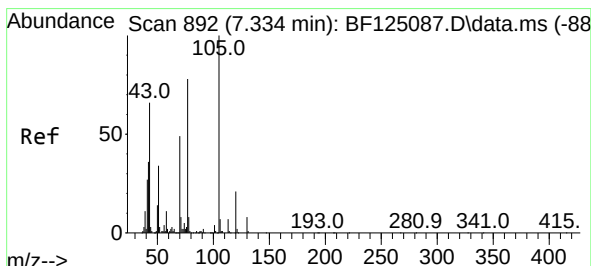
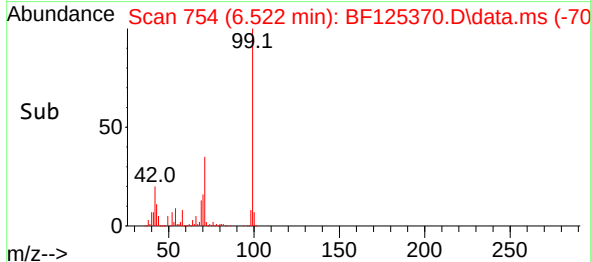
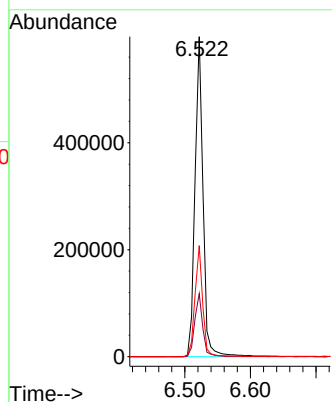
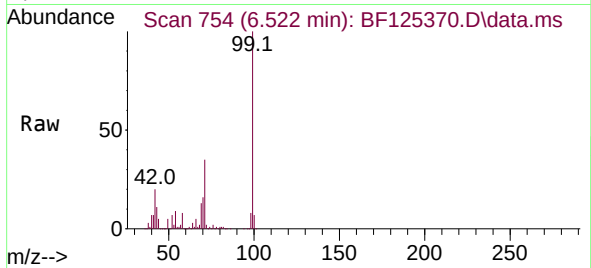




#7
Phenol-d6
Concen: 42.972 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

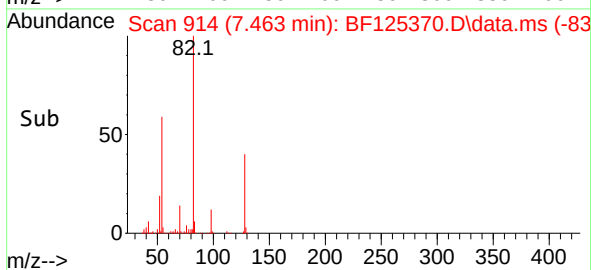
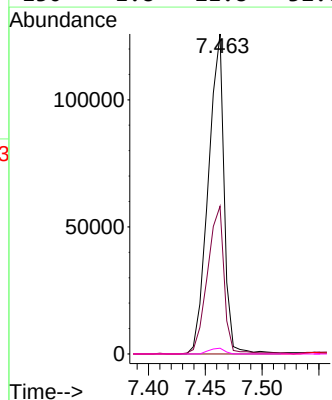
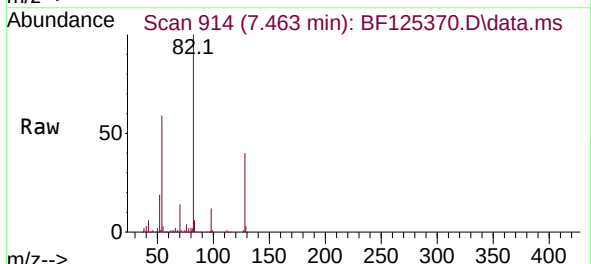
Instrument :
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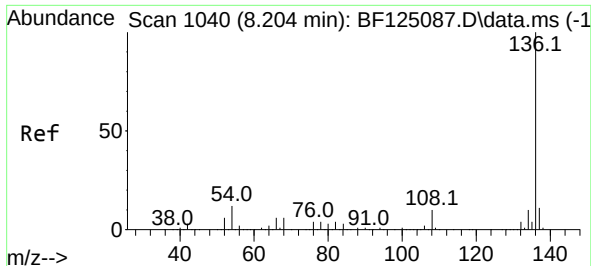
Tgt Ion: 99 Resp: 513043
Ion Ratio Lower Upper
99 100
42 19.7 23.5 35.3#
71 34.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.978 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion: 70 Resp: 121918
Ion Ratio Lower Upper
70 100
42 46.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

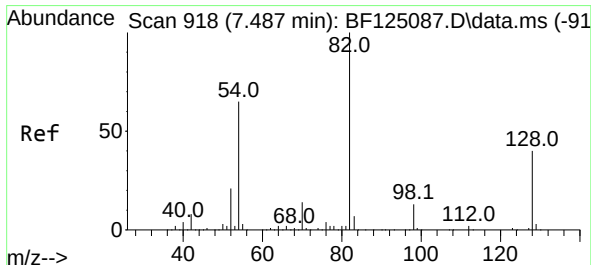
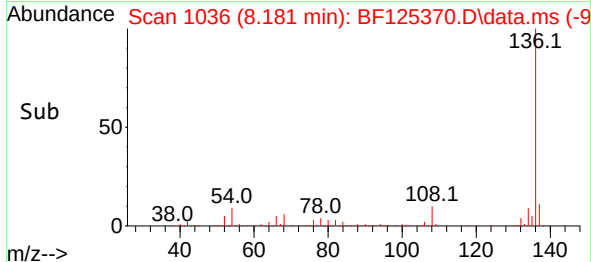
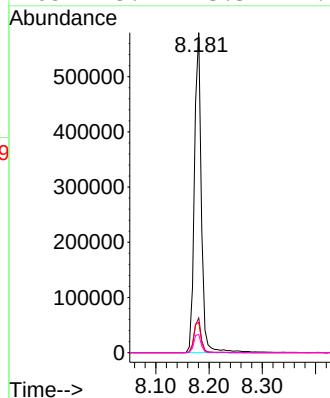
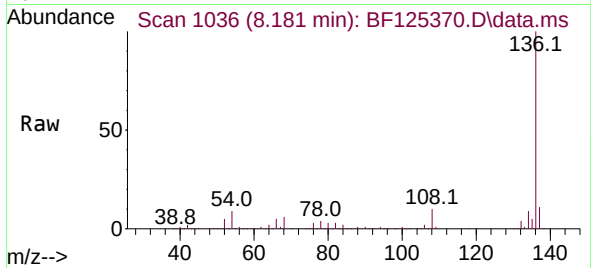




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

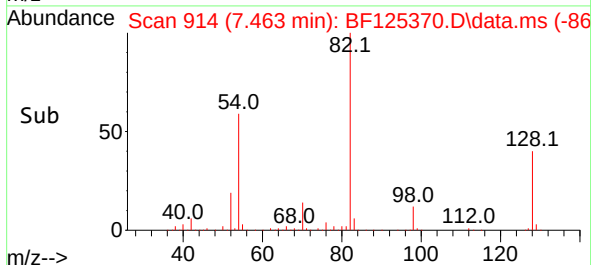
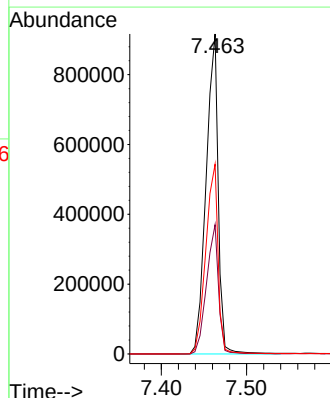
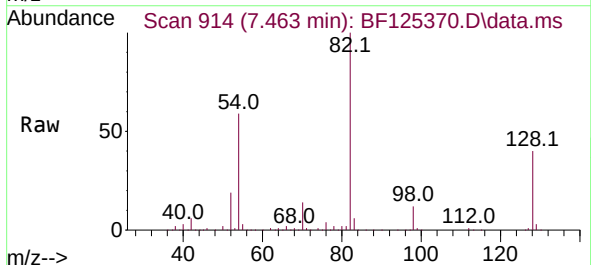
Instrument :
BNA_F
ClientSampleId :
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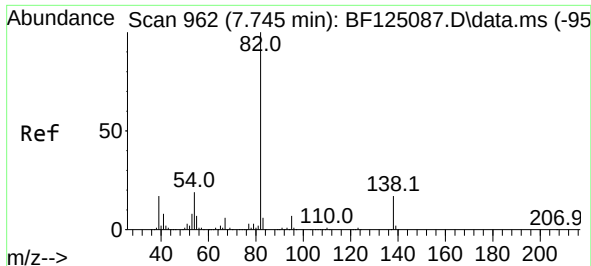
Tgt Ion:136 Resp: 529439
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.5 6.4 9.6
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.908 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion: 82 Resp: 903441
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 59.3 49.6 74.4

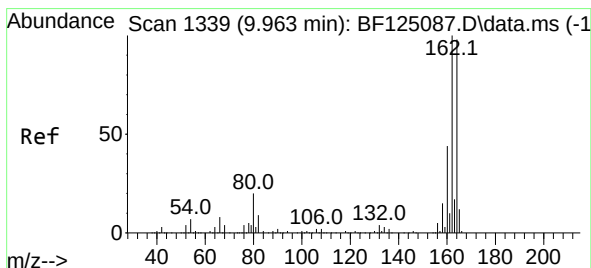
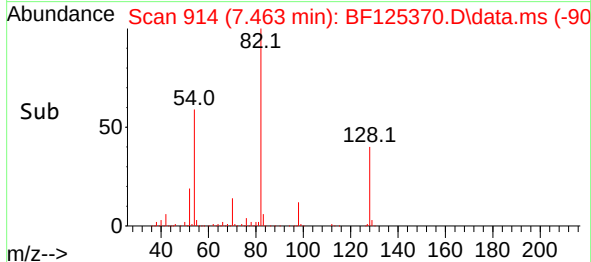
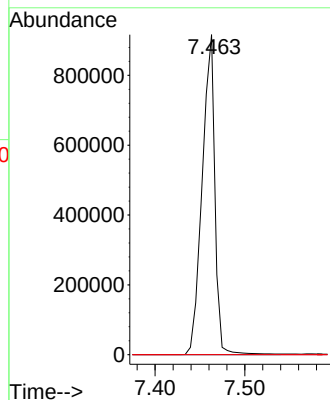
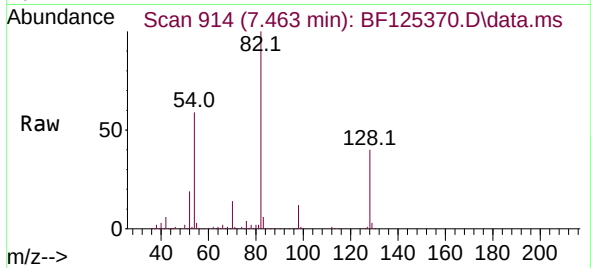




#25
Isophorone
Concen: 44.531 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

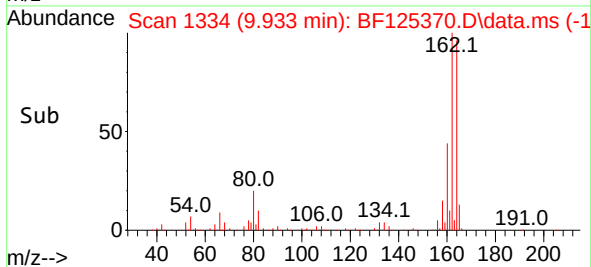
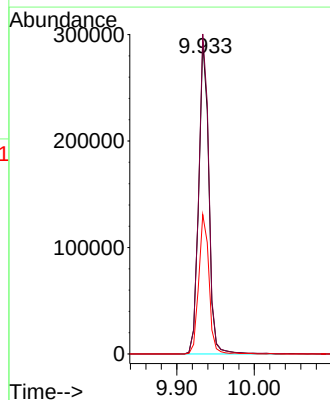
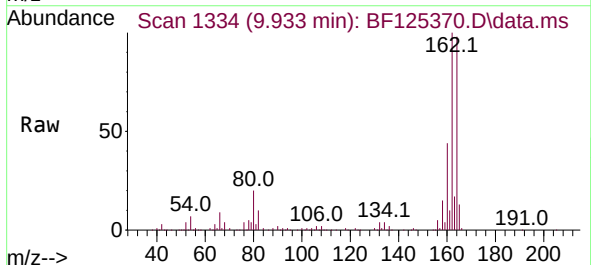
Instrument :
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ClientSampleId :
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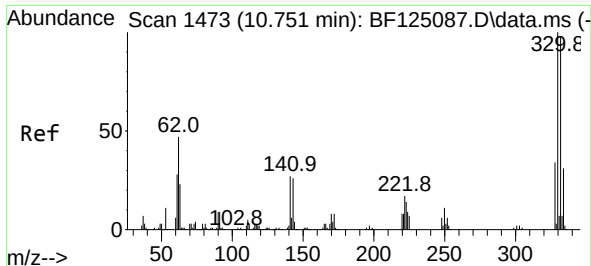
Tgt Ion: 82 Resp: 903428
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion: 164 Resp: 264668
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.6 38.0 57.0

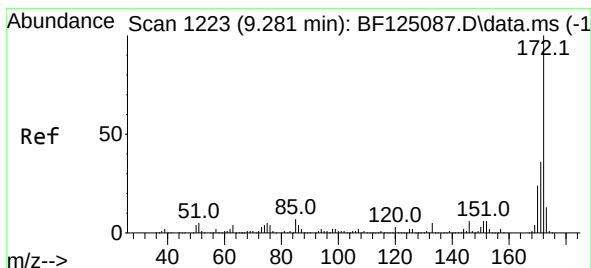
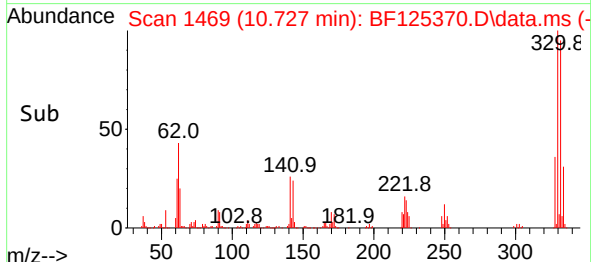
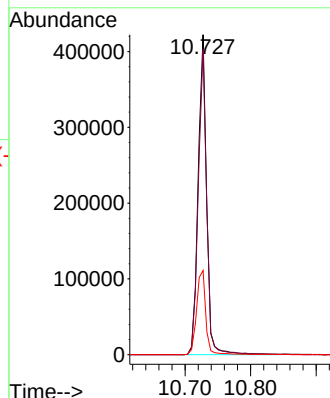
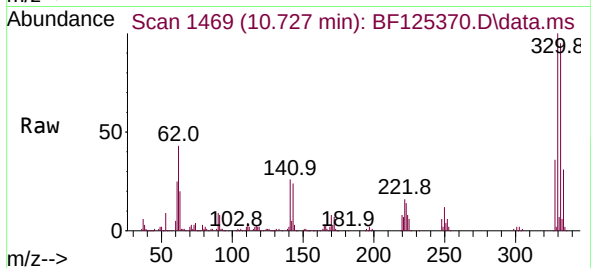




#42
2,4,6-Tribromophenol
Concen: 144.154 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

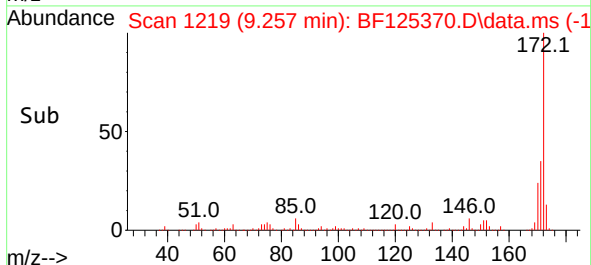
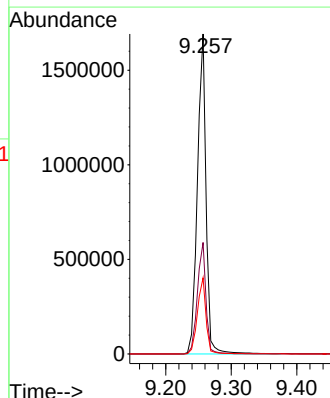
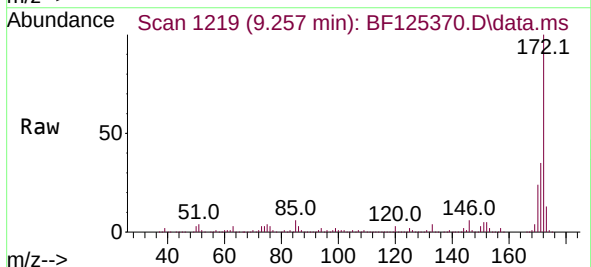
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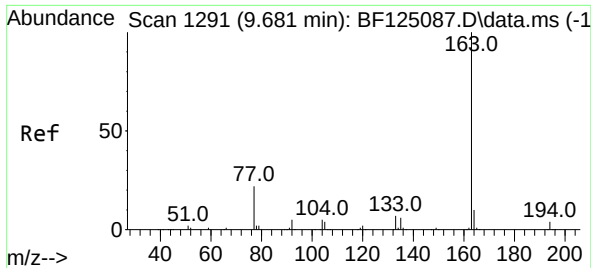
Tgt Ion:330 Resp: 380852
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.867 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion:172 Resp: 1554638
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.8 18.8 28.2

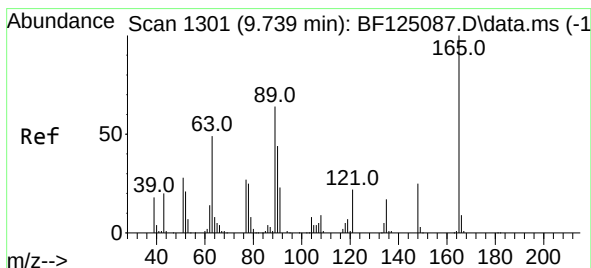
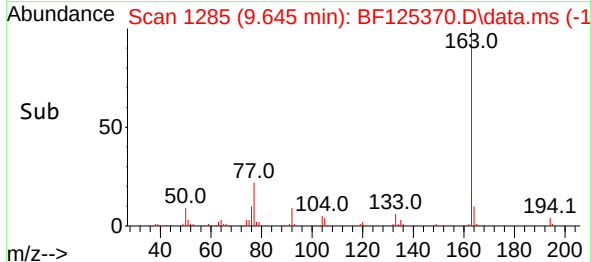
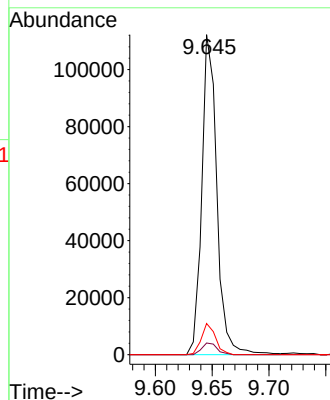
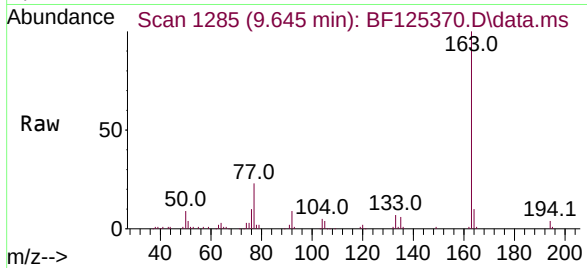




#50
Dimethylphthalate
Concen: 5.648 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

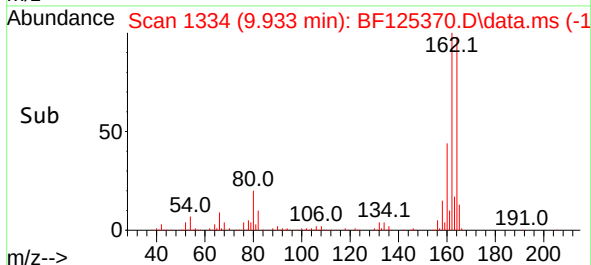
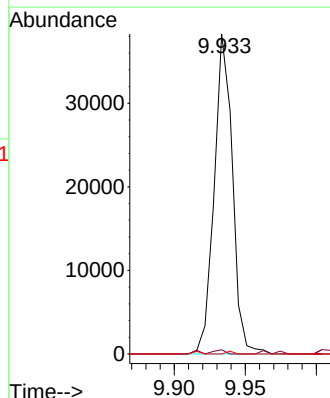
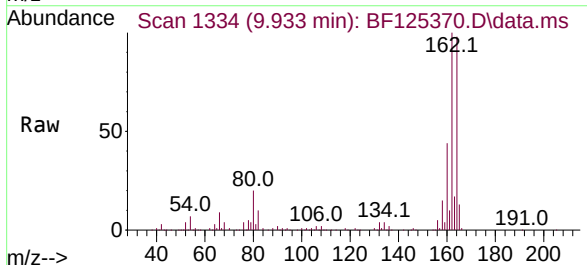
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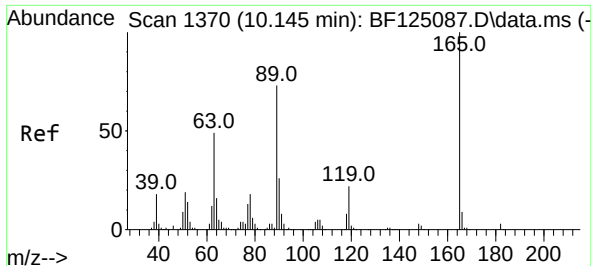
Tgt Ion:163 Resp: 103595
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.8 7.4 11.0



#51
2,6-Dinitrotoluene
Concen: 8.583 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion:165 Resp: 34133
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 0.0 40.6 60.8#

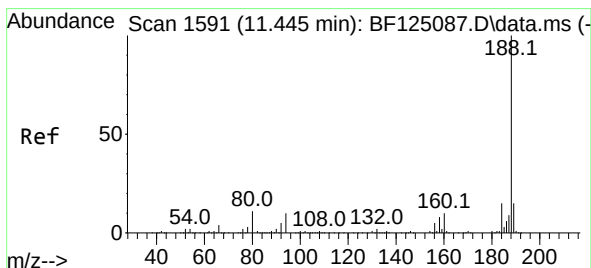
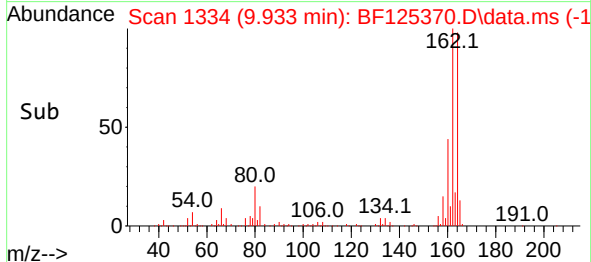
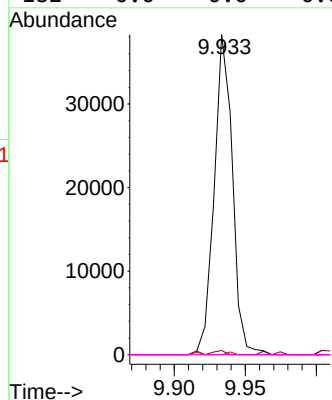
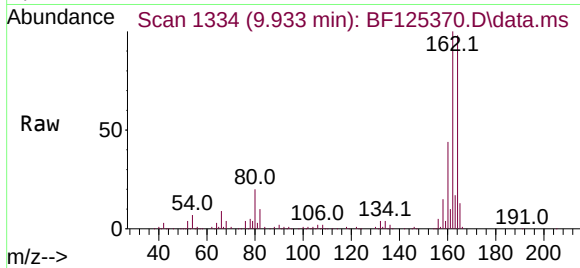




#57
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

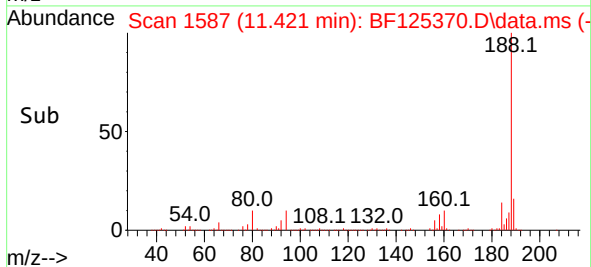
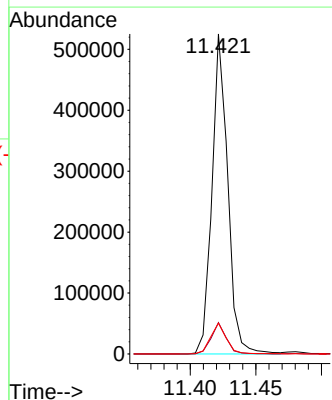
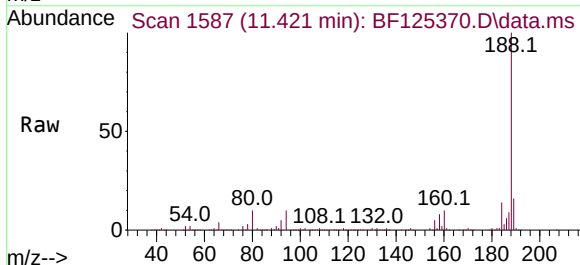
Instrument :
BNA_F
ClientSampleId :
20211056-SI-COMP-1-MODIFIED-EL

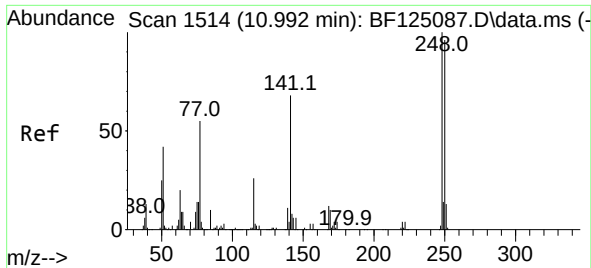
Tgt Ion:165	Resp:	34133
Ion Ratio	Lower	Upper
165	100	
63	1.3	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion:188	Resp:	439587
Ion Ratio	Lower	Upper
188	100	
94	9.8	6.7 10.1
80	9.6	7.5 11.3

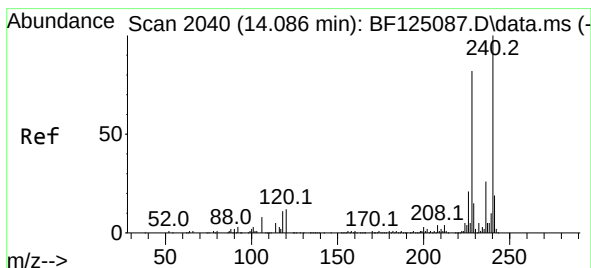
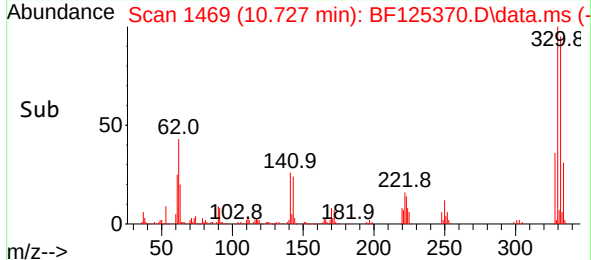
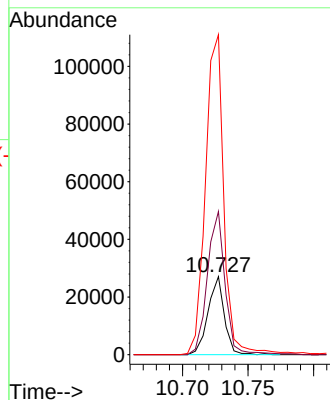
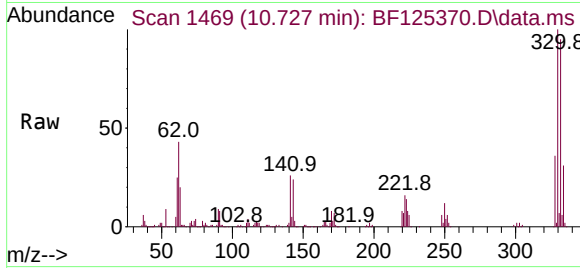




#67
4-Bromophenyl-phenylether
Concen: 4.451 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

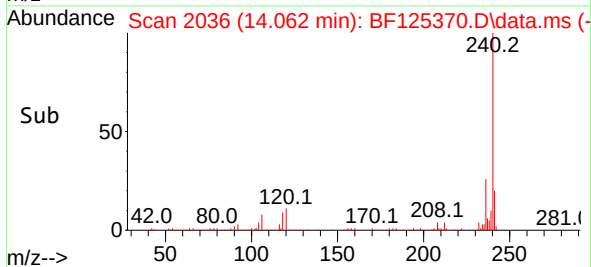
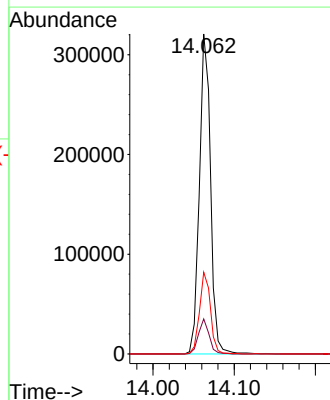
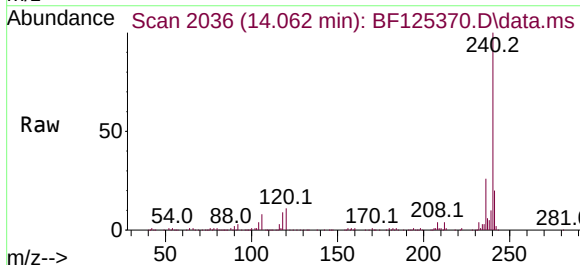
Instrument :
BNA_F
ClientSampleId :
20211056-SI-COMP-1-MODIFIED-EL

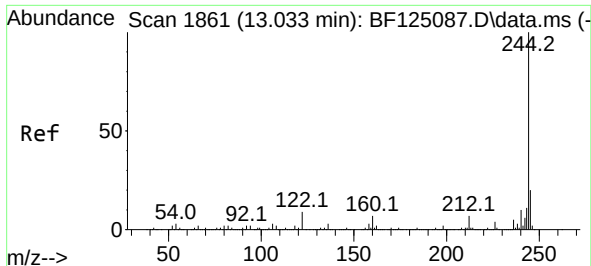
Tgt Ion:248 Resp: 23497
Ion Ratio Lower Upper
248 100
250 183.5 74.2 111.4#
141 410.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

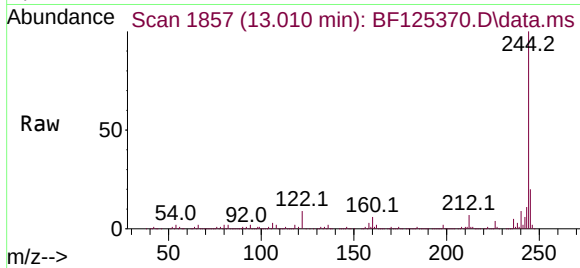
Tgt Ion:240 Resp: 306674
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.5 21.6 32.4



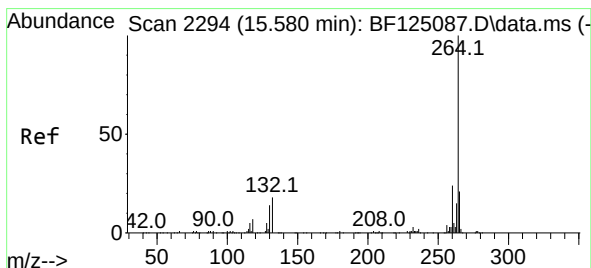
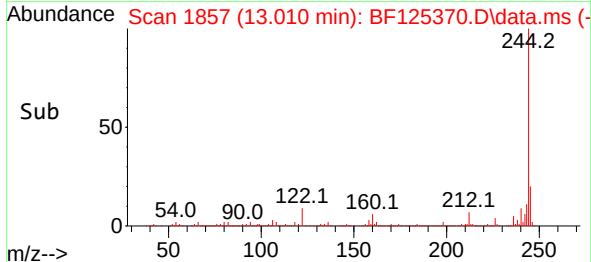
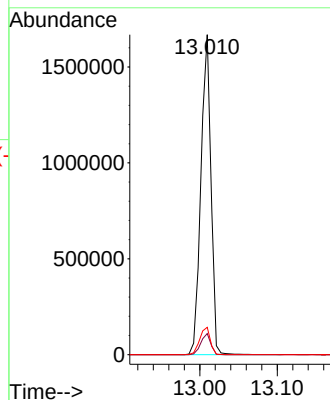


#79
Terphenyl-d14
Concen: 78.007 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Instrument :
BNA_F
ClientSampleId :
20211056-SI-COMP-1-MODIFIED-EL



Tgt Ion:244 Resp: 1501649
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.5 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125370.D
Acq: 4 Sep 2021 15:39

Tgt Ion:264 Resp: 317602
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.4 17.2 25.8

