

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125081.D
 Acq On : 17 Aug 2021 22:13
 Operator : JU/CG
 Sample : M3428-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Aug 18 05:03:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 16:45:36 2021
 Response via : Initial Calibration

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

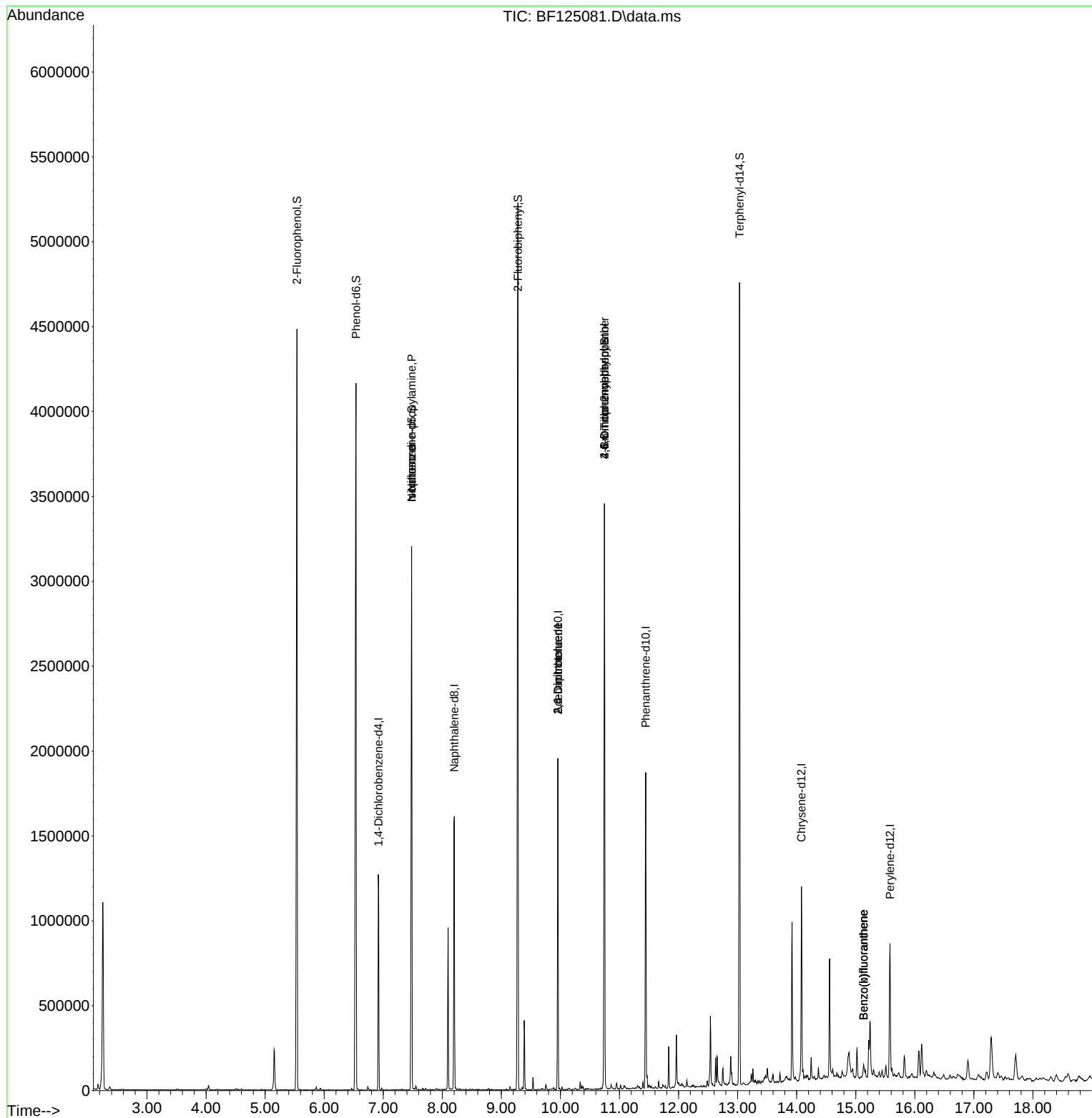
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	182514	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	718502	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	344021	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	634206	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	370483	20.000	ng	0.00
86) Perylene-d12	15.580	264	337356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1197857	98.049	ng	0.00
7) Phenol-d6	6.540	99	1439905	95.820	ng	0.00
23) Nitrobenzene-d5	7.481	82	1009328	77.723	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	415531	129.374	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1640788	63.571	ng	0.00
79) Terphenyl-d14	13.033	244	1655164	64.329	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	140962	14.450	ng	# 64
25) Isophorone	7.481	82	1005007	35.553	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	43482	9.267	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	43482	7.783	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.745	198	836	5.500	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	24023	3.594	ng	# 1
88) Benzo(b)fluoranthene	15.133	252	48120	2.102	ng	# 92
89) Benzo(k)fluoranthene	15.133	252	48120	2.220	ng	# 92

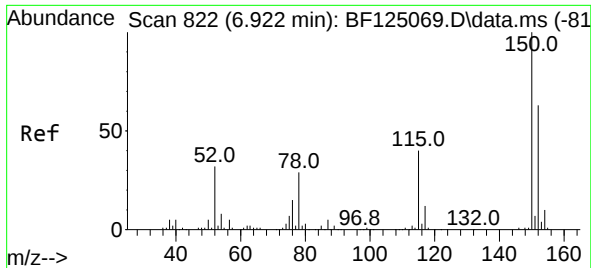
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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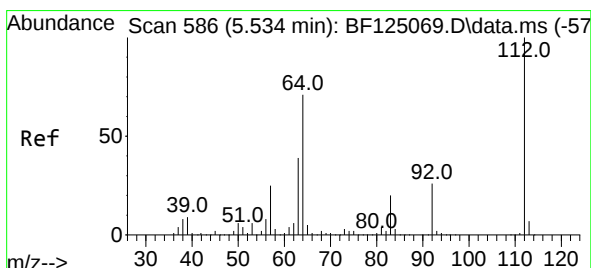
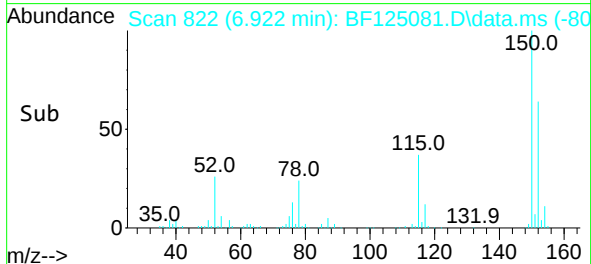
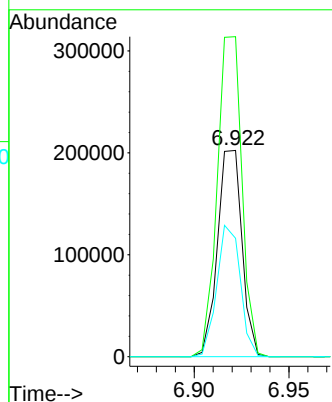
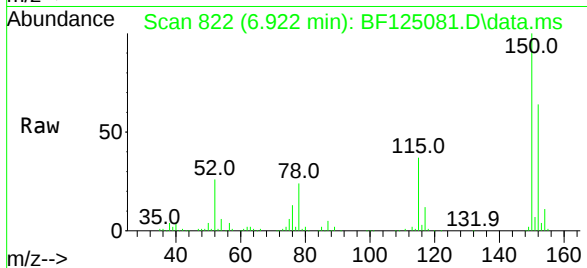




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

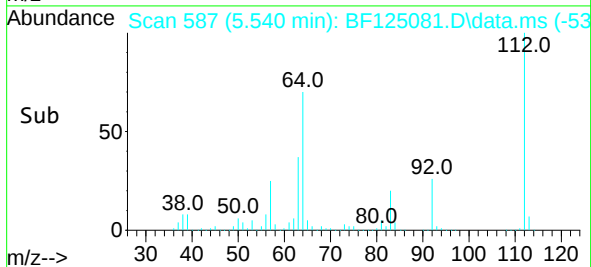
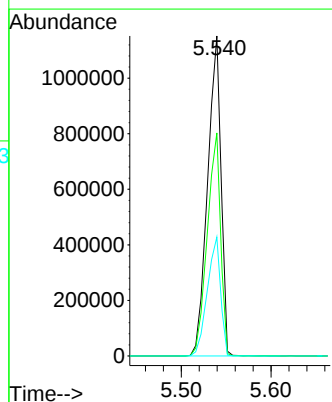
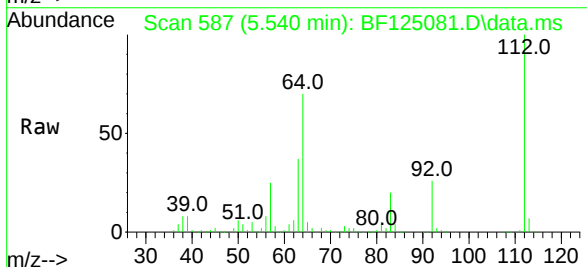
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BNA_F
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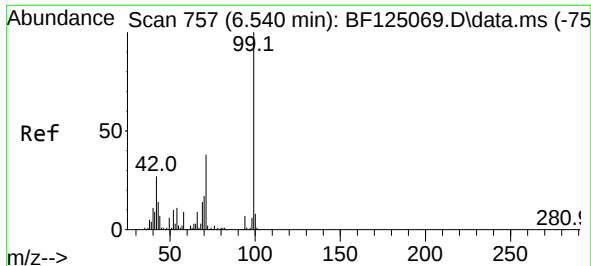
Tgt Ion:152 Resp: 182514
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 98.049 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:112 Resp: 1197857
Ion Ratio Lower Upper
112 100
64 69.7 44.2 66.2#
63 37.2 26.2 39.2

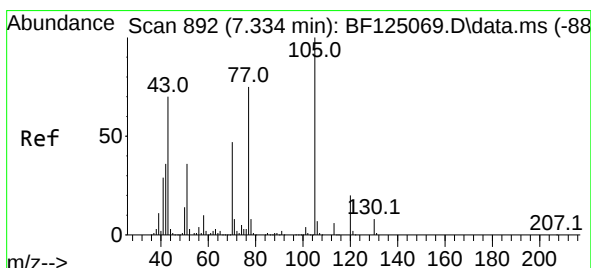
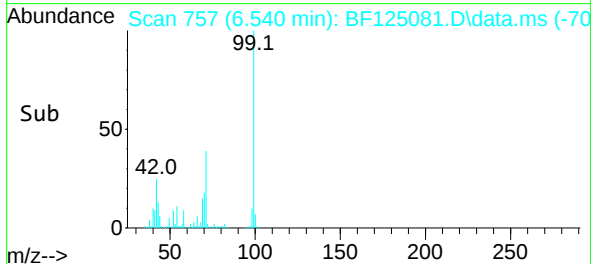
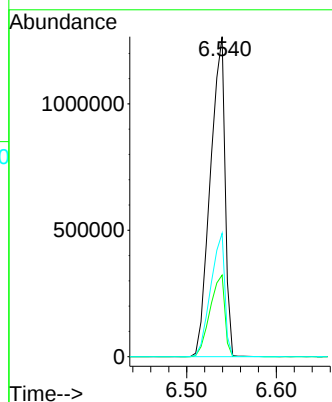
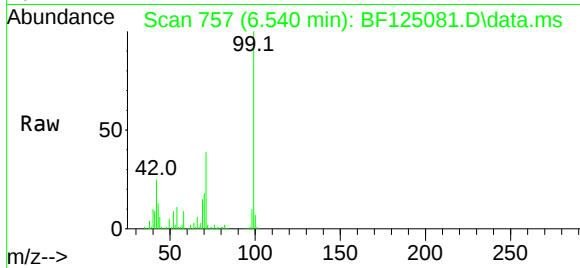




#7
Phenol-d6
Concen: 95.820 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

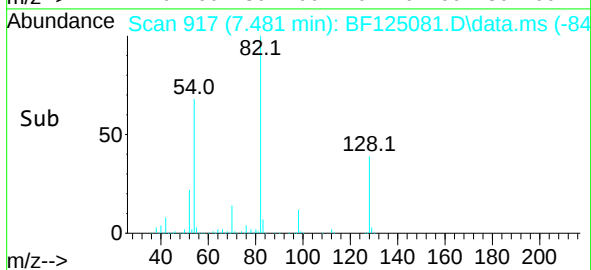
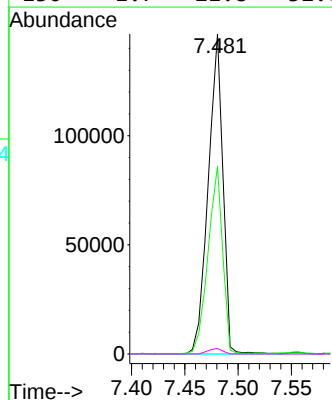
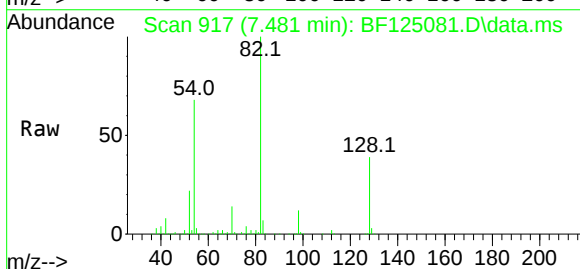
Instrument :
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ClientSampleId :
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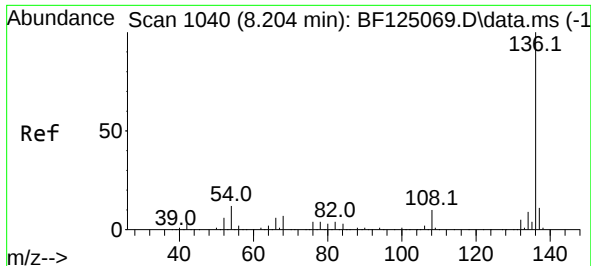
Tgt Ion: 99 Resp: 1439905
Ion Ratio Lower Upper
99 100
42 25.5 23.5 35.3
71 38.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.450 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

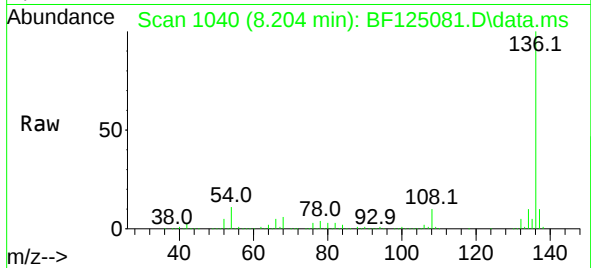
Tgt Ion: 70 Resp: 140962
Ion Ratio Lower Upper
70 100
42 58.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



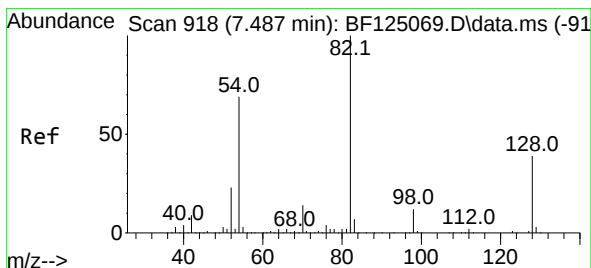
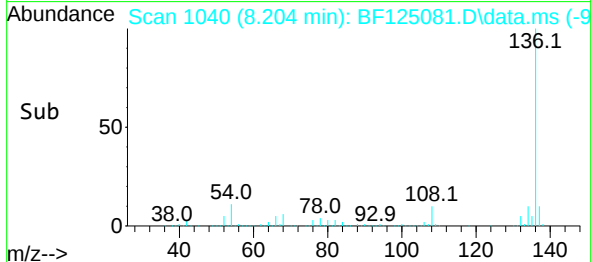
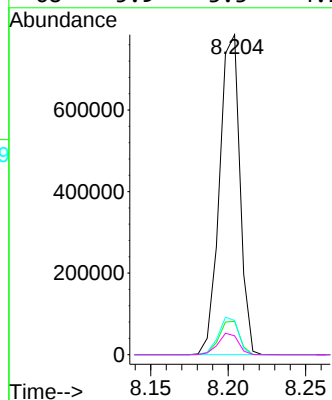


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

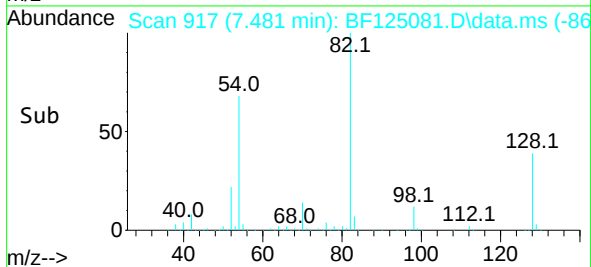
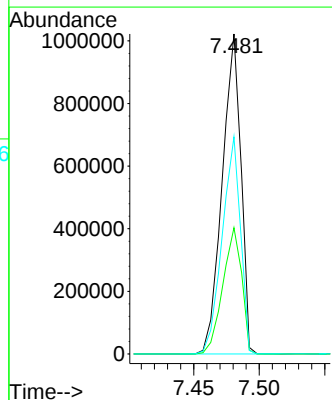
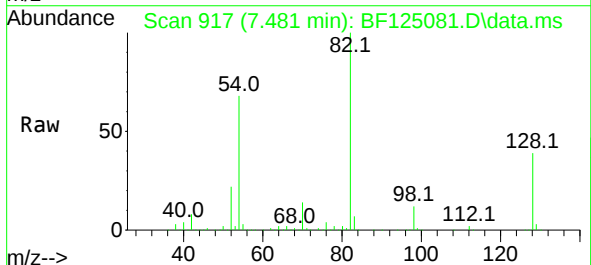


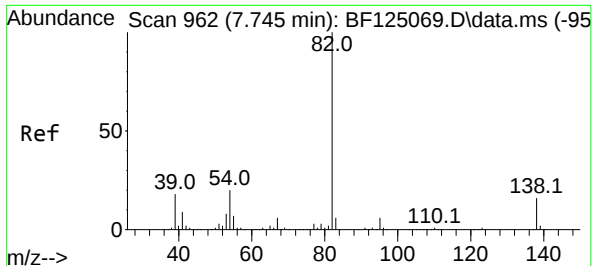
Tgt Ion:136 Resp: 718502
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 10.7 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.723 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion: 82 Resp: 1009328
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 67.8 49.6 74.4

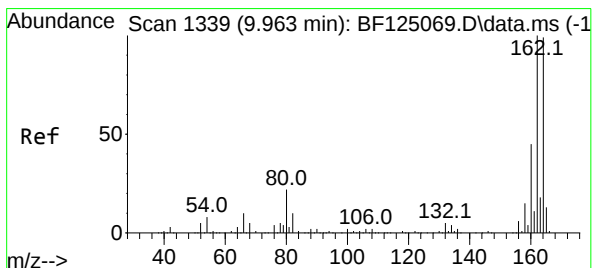
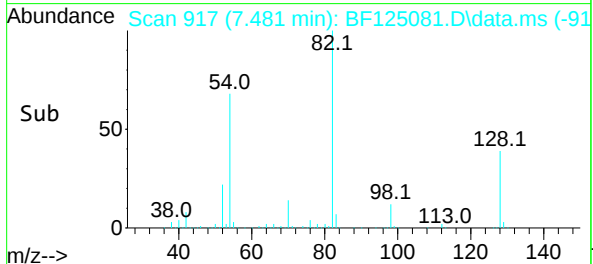
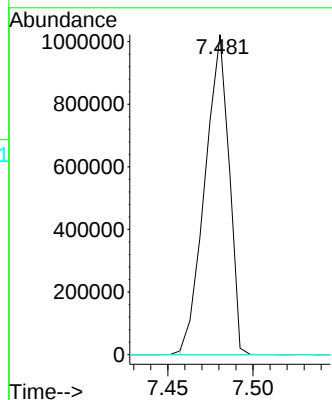
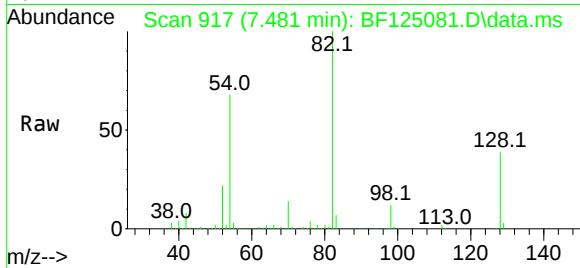




#25
Isophorone
Concen: 35.553 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

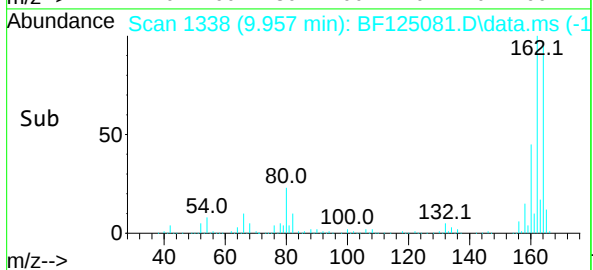
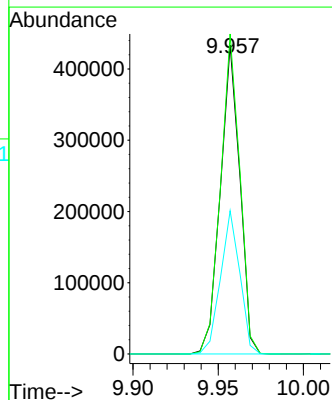
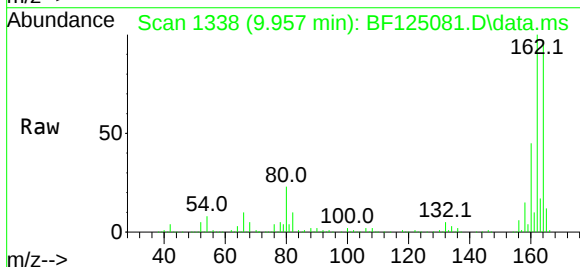
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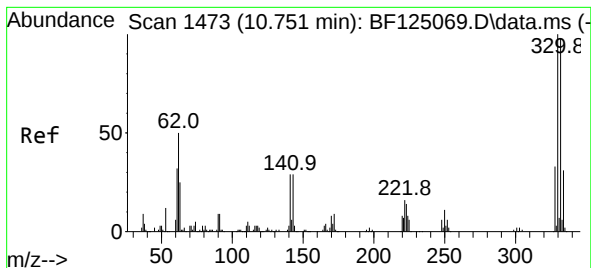
Tgt Ion: 82 Resp: 1005007
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion: 164 Resp: 344021
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 46.3 38.0 57.0

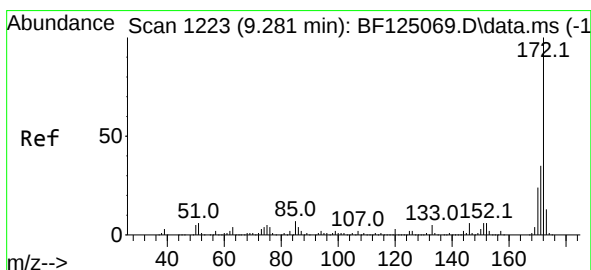
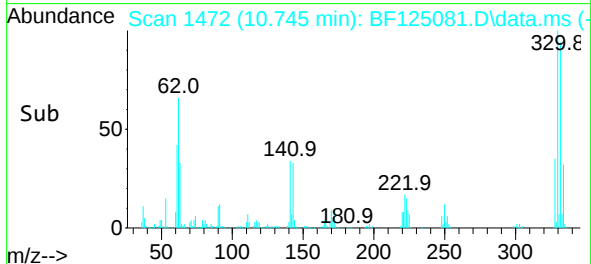
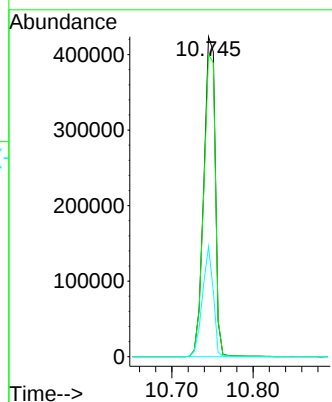
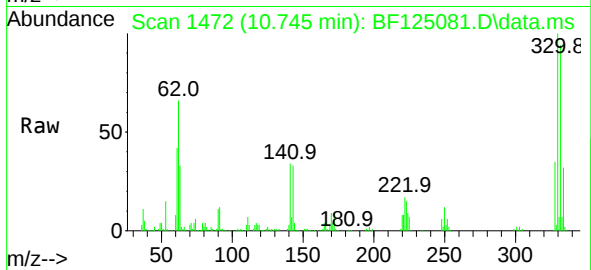




#42
2,4,6-Tribromophenol
Concen: 129.374 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

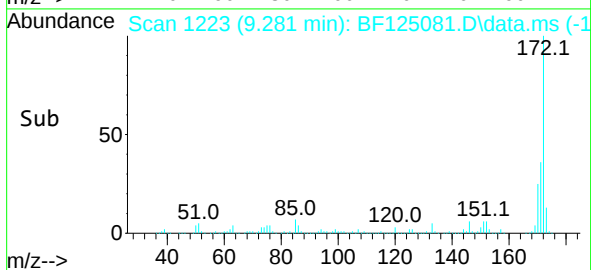
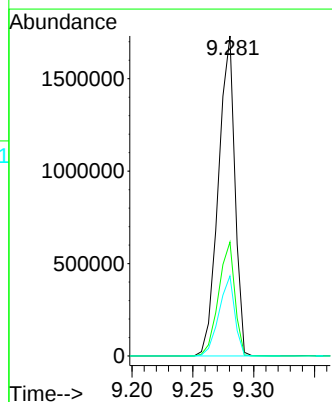
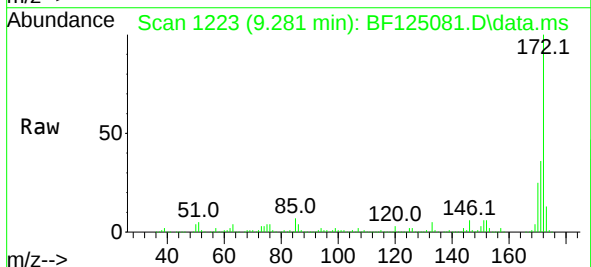
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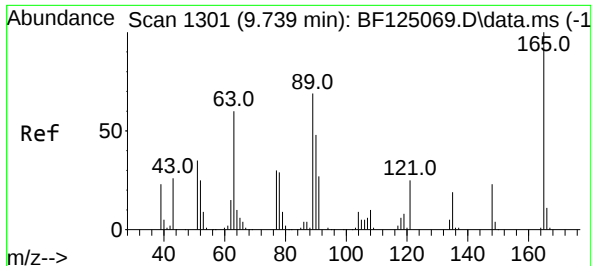
Tgt Ion: 330 Resp: 415531
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 32.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.571 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion: 172 Resp: 1640788
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 25.0 18.8 28.2

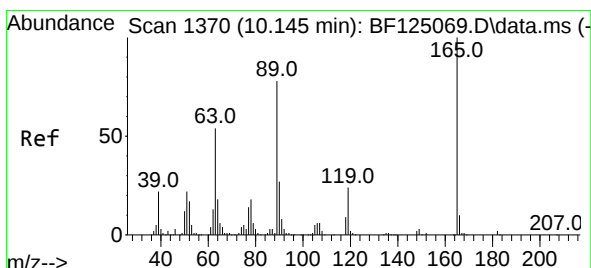
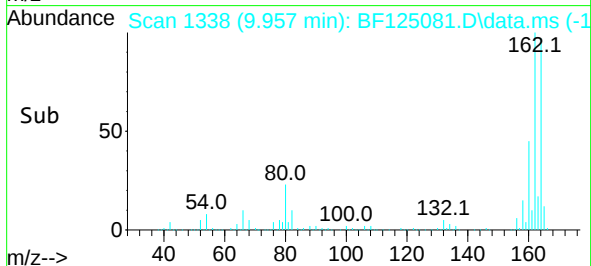
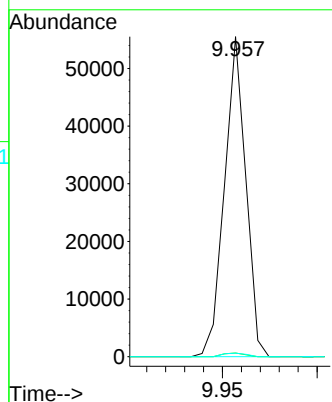
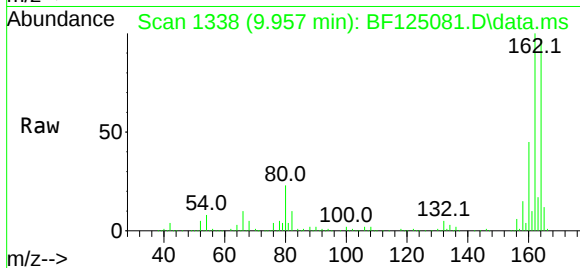




#51
2,6-Dinitrotoluene
Concen: 9.267 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

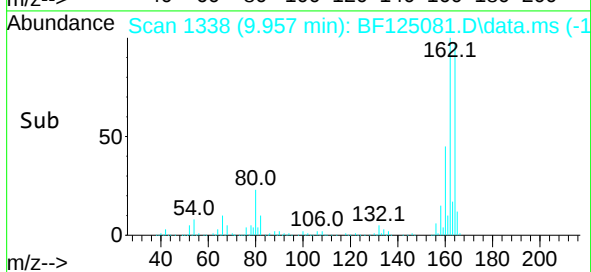
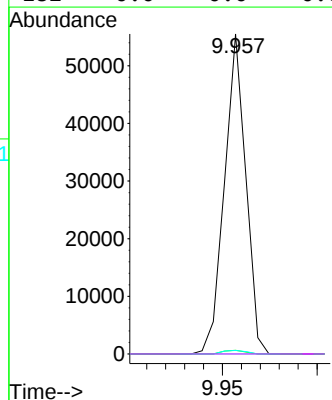
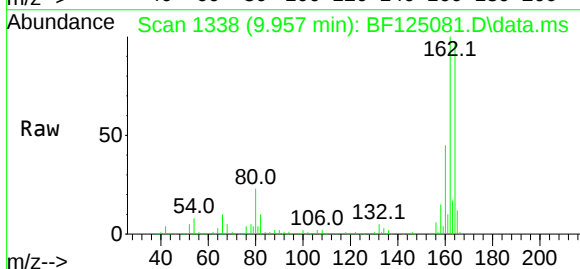
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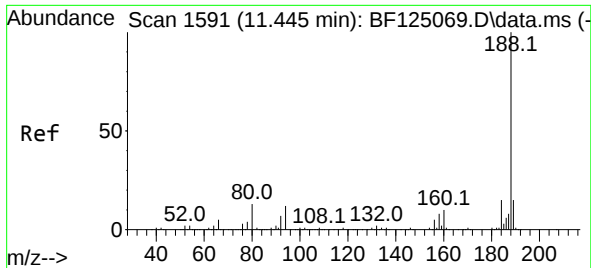
Tgt Ion:165 Resp: 43482
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.783 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:165 Resp: 43482
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

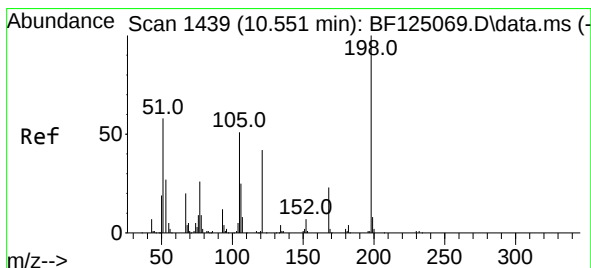
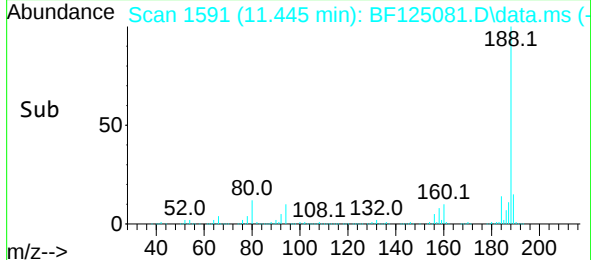
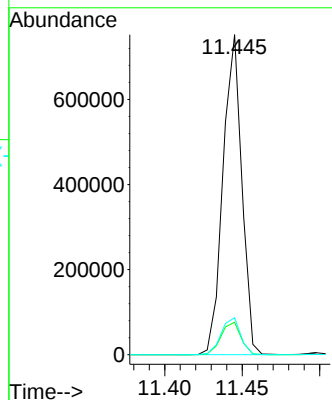
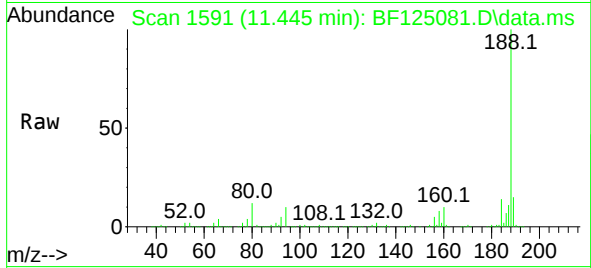




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

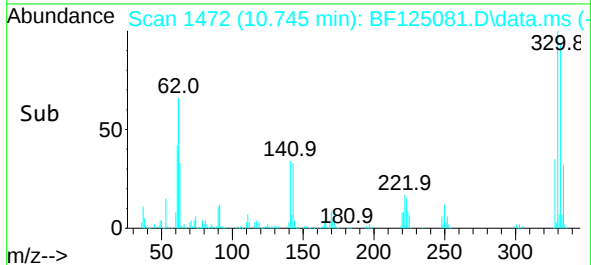
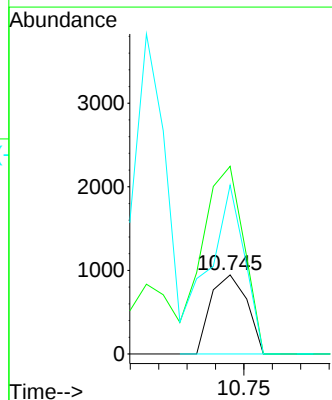
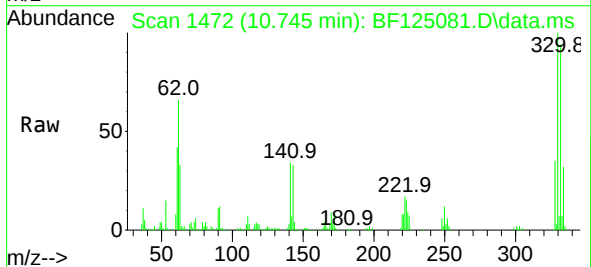
Instrument :
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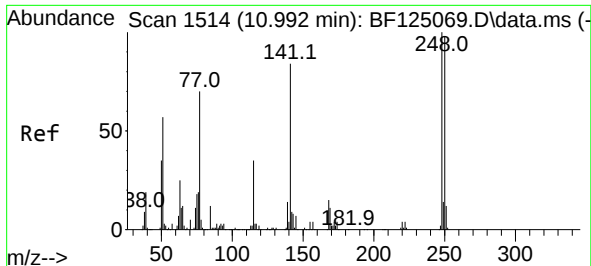
Tgt Ion:188 Resp: 634206
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 11.6 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.500 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:198 Resp: 836
Ion Ratio Lower Upper
198 100
51 237.6 45.3 85.3#
105 213.7 30.6 70.6#

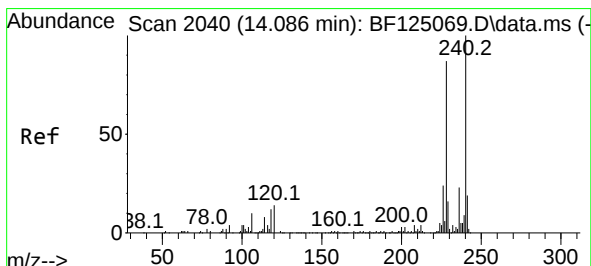
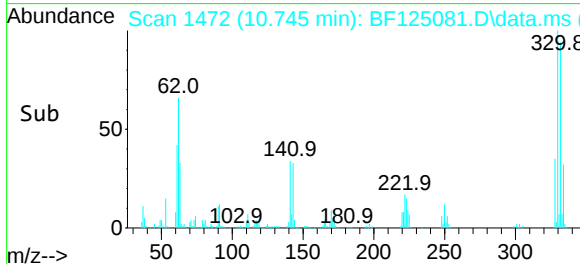
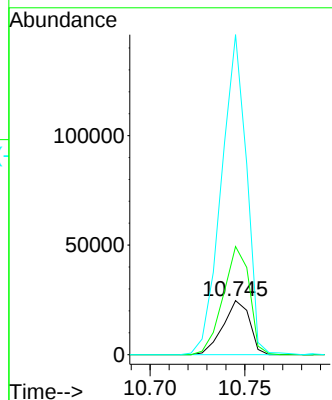
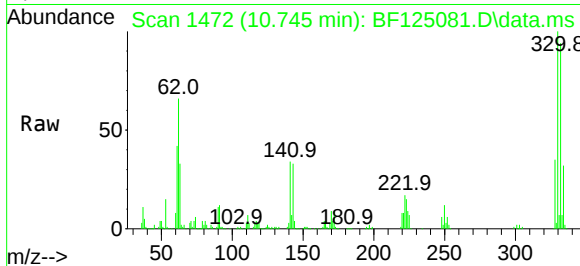




#67
4-Bromophenyl-phenylether
Concen: 3.594 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

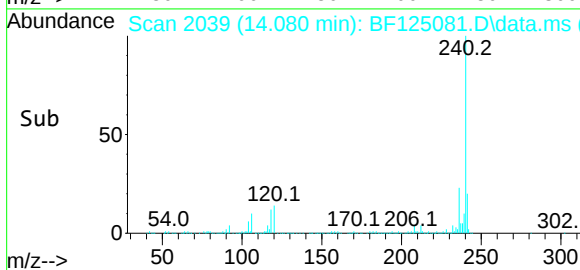
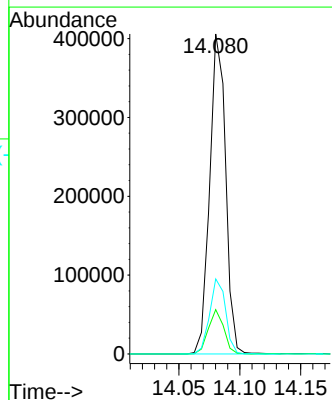
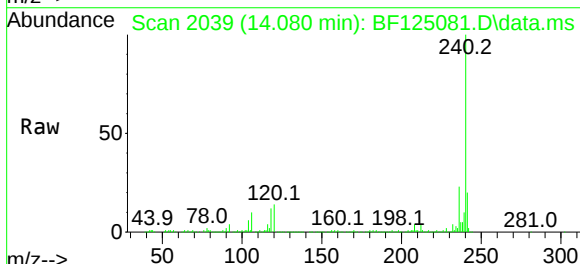
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

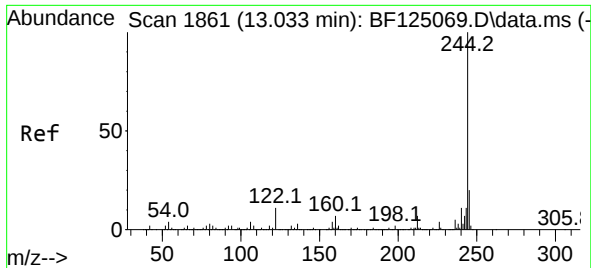
Tgt Ion:248 Resp: 24023
Ion Ratio Lower Upper
248 100
250 199.8 74.2 111.4#
141 590.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:240 Resp: 370483
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 23.5 21.6 32.4

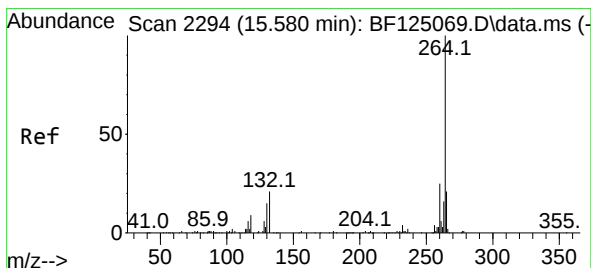
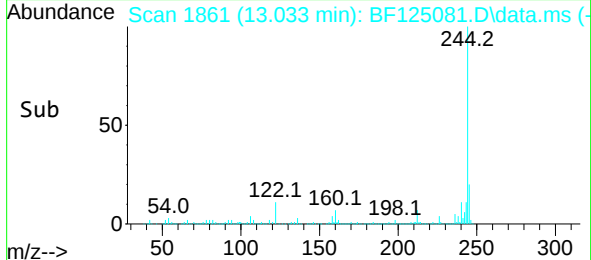
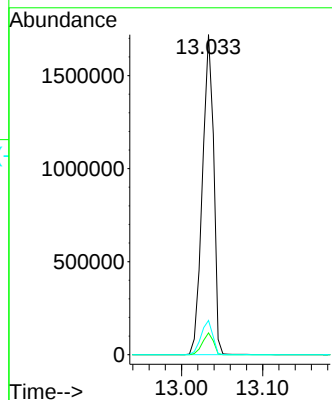
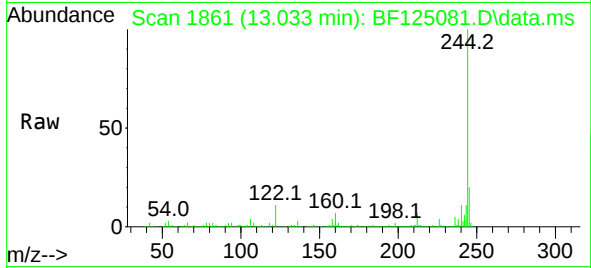




#79
Terphenyl-d14
Concen: 64.329 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

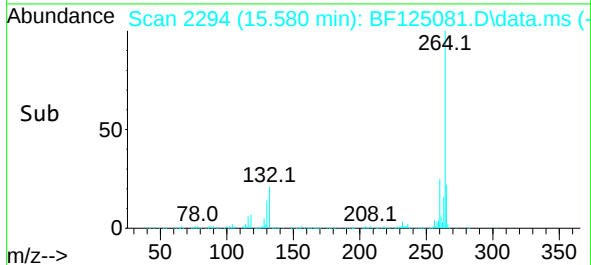
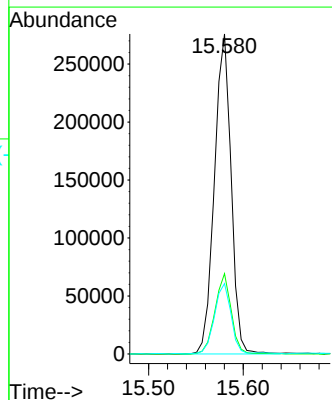
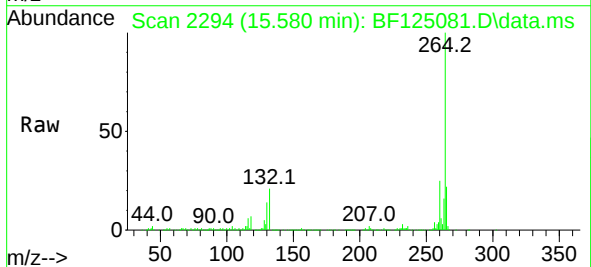
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

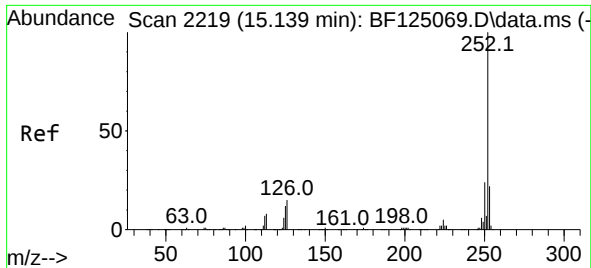
Tgt Ion:244 Resp: 1655164
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:264 Resp: 337356
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.0 17.2 25.8

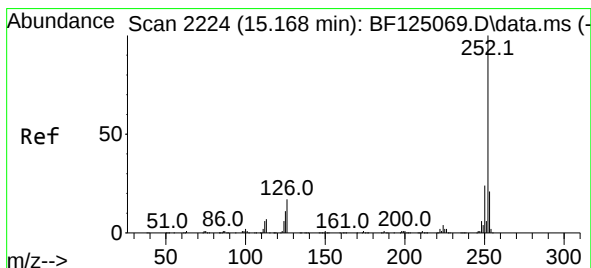
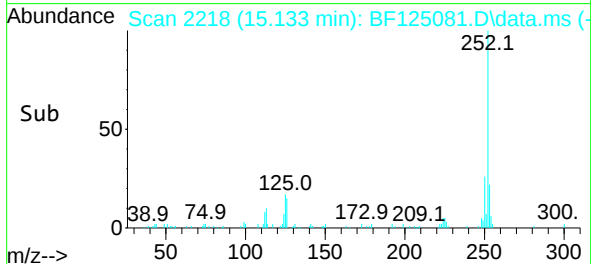
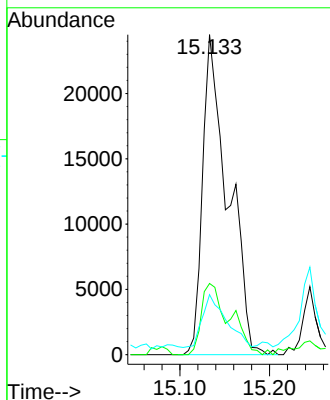
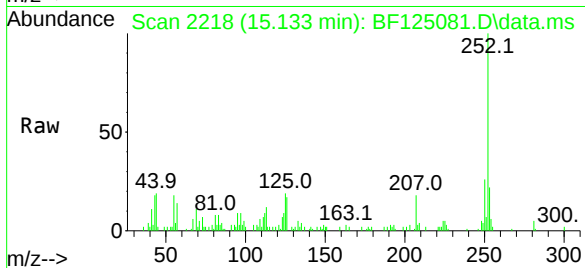




#88
Benzo(b)fluoranthene
Concen: 2.102 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:252 Resp: 48120
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 18.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.220 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF125081.D
Acq: 17 Aug 2021 22:13

Tgt Ion:252 Resp: 48120
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 18.7 7.2 10.8#

