

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125357.D
 Acq On : 3 Sep 2021 20:54
 Operator : JU/CG
 Sample : M3626-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Quant Time: Sep 04 00:57:17 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)

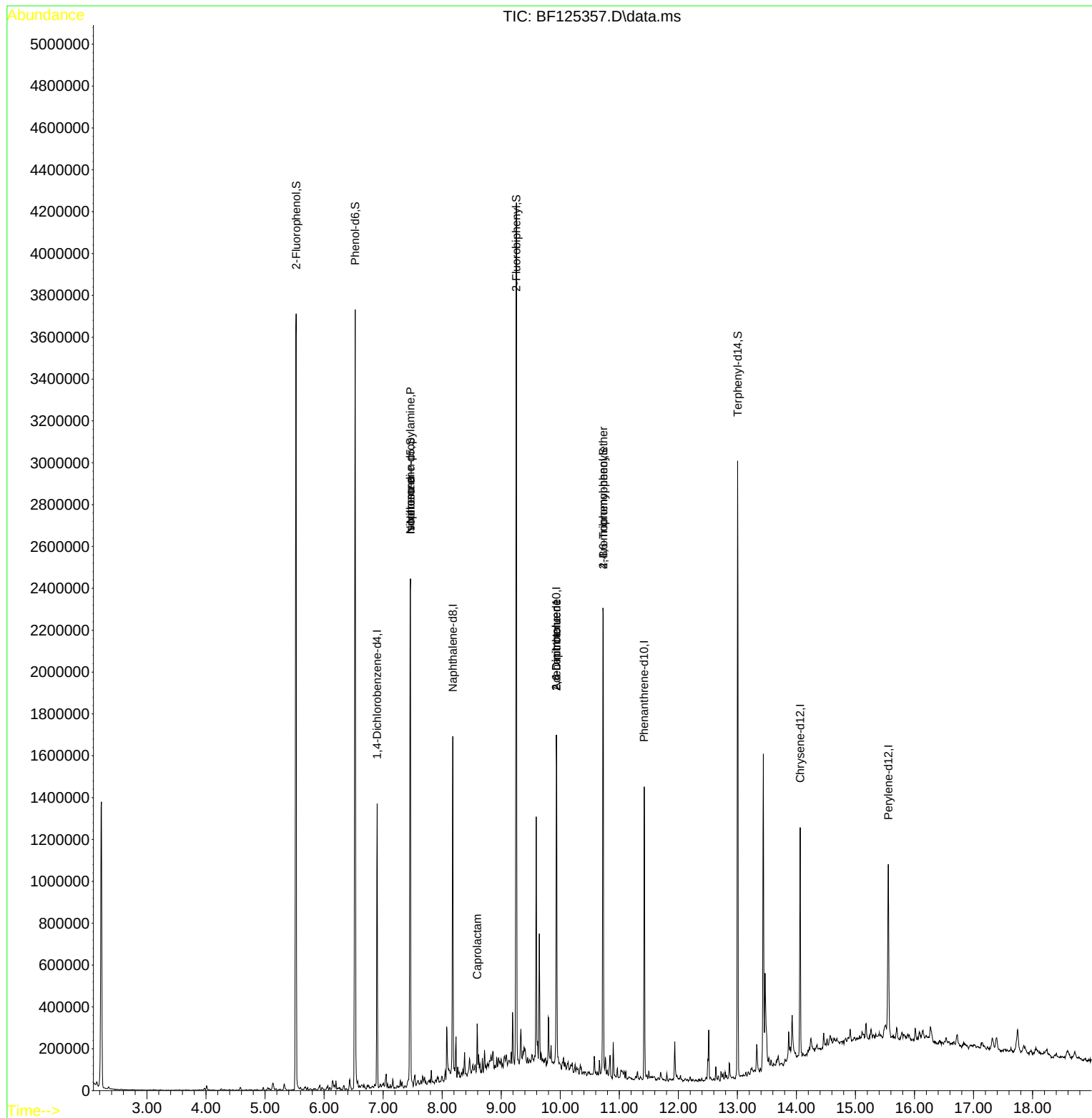
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	184694	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	692396	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	327916	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	502480	20.000	ng	0.00
76) Chrysene-d12	14.062	240	358413	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	365874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1045503	85.681	ng	0.00
7) Phenol-d6	6.528	99	1294291	82.013	ng	0.00
23) Nitrobenzene-d5	7.463	82	861760	62.658	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	300952	91.941	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1356515	57.656	ng	0.00
79) Terphenyl-d14	13.004	244	1020670	45.367	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	116304	12.252	ng	# 56
25) Isophorone	7.463	82	857098	32.305	ng	# 59
35) Caprolactam	8.592	113	6302	2.277	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	43838	8.897	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	43838	7.351	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	19435	3.221	ng	# 1

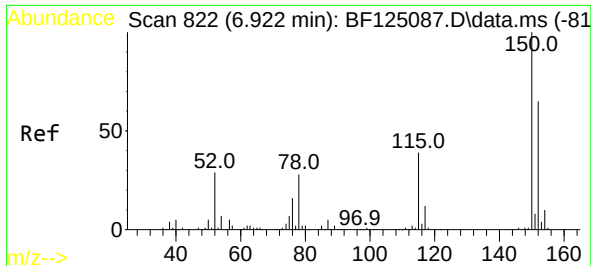
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

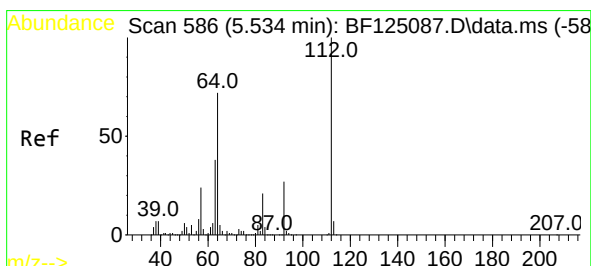
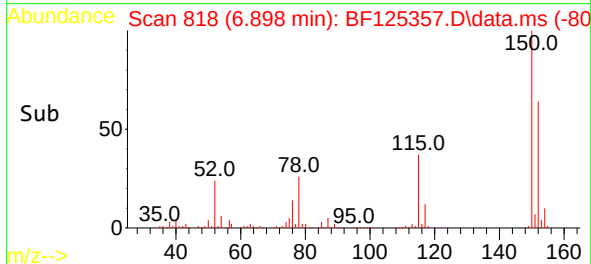
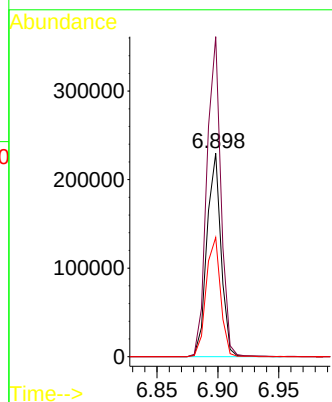
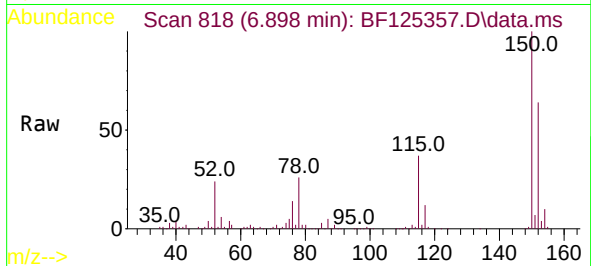




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

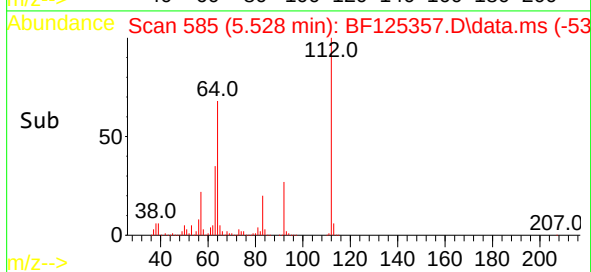
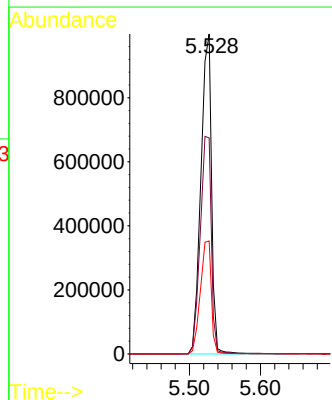
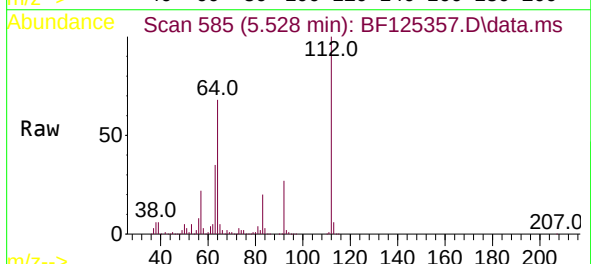
Instrument :
BNA_F
ClientSampleId :
G-1

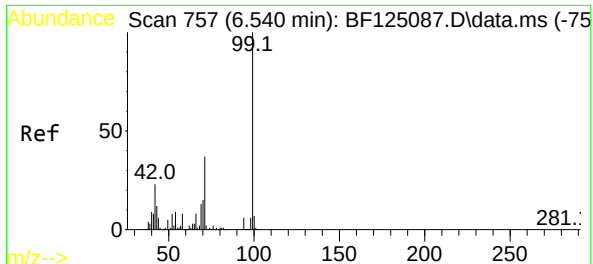
Tgt Ion:152 Resp: 184694
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 85.681 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion:112 Resp: 1045503
Ion Ratio Lower Upper
112 100
64 67.5 44.2 66.2#
63 35.3 26.2 39.2

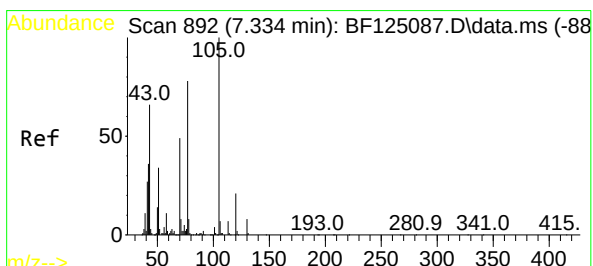
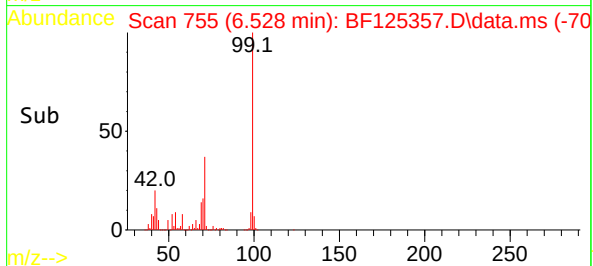
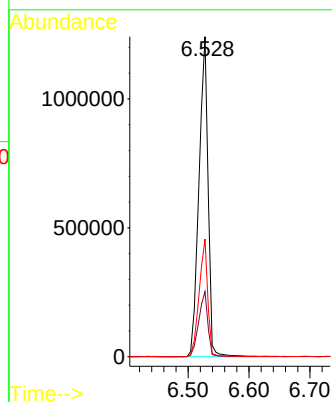
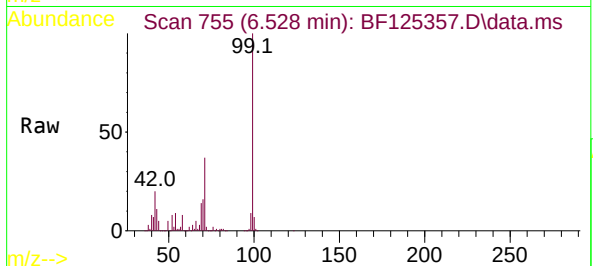




#7
Phenol-d6
Concen: 82.013 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

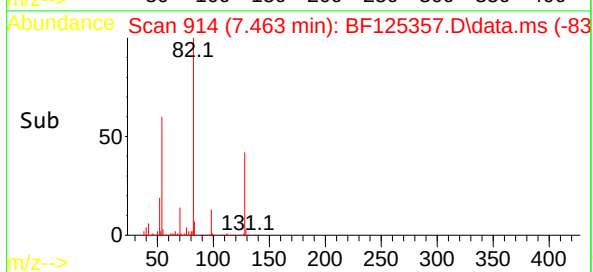
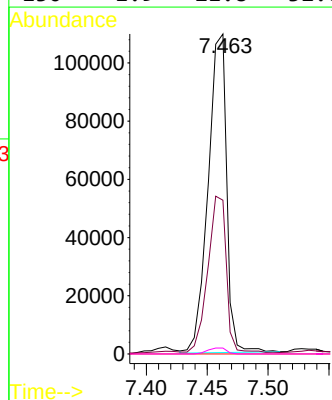
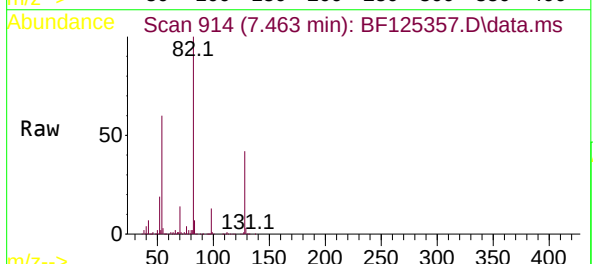
Instrument :
BNA_F
ClientSampleId :
G-1

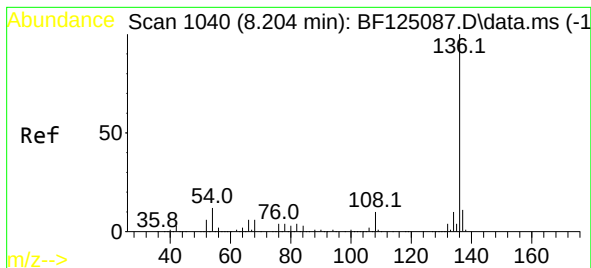
Tgt Ion: 99 Resp: 1294291
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 36.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.252 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion: 70 Resp: 116304
Ion Ratio Lower Upper
70 100
42 48.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

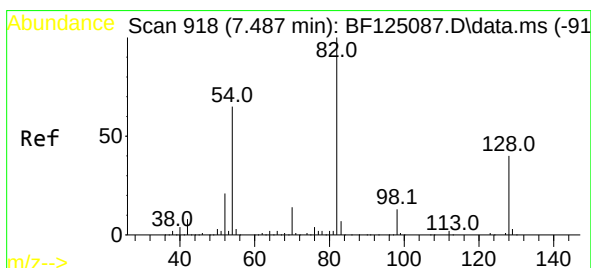
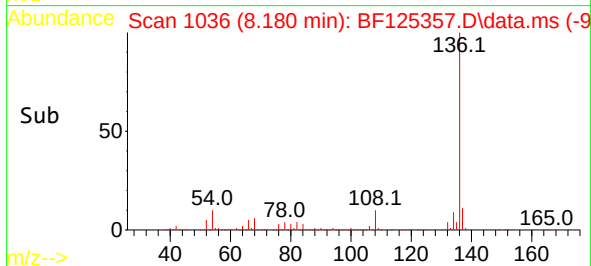
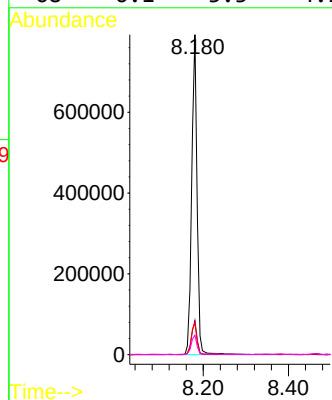
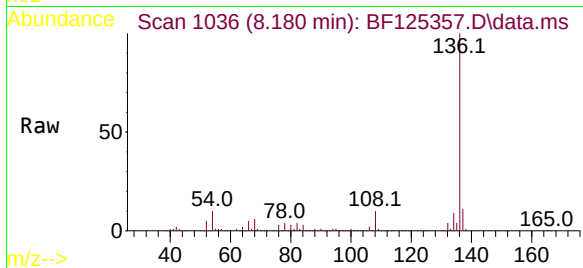




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

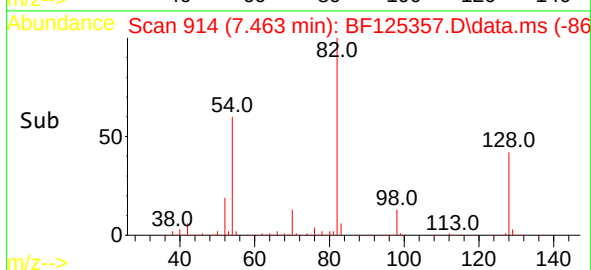
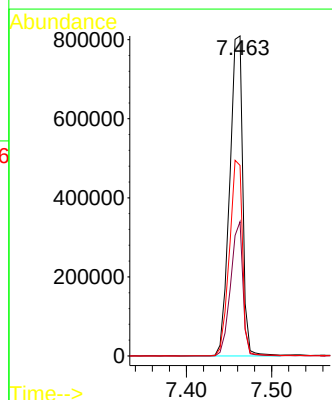
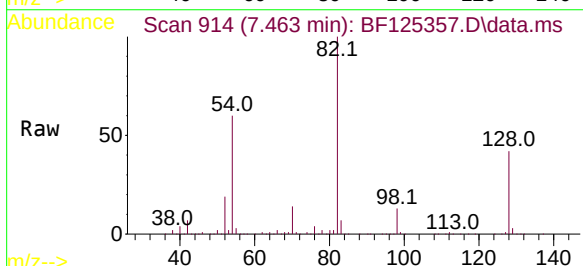
Instrument :
BNA_F
ClientSampleId :
G-1

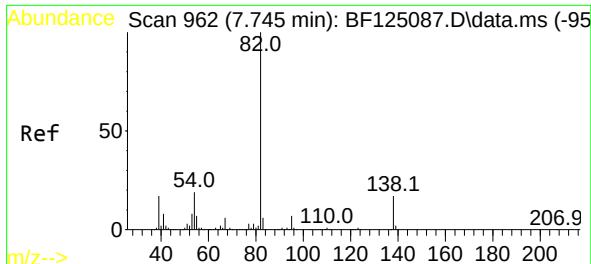
Tgt Ion:136 Resp: 692396
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.8 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.658 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion: 82 Resp: 861760
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 59.5 49.6 74.4

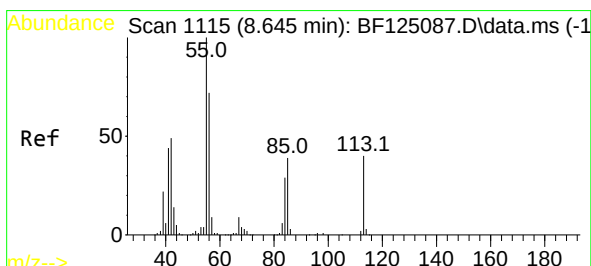
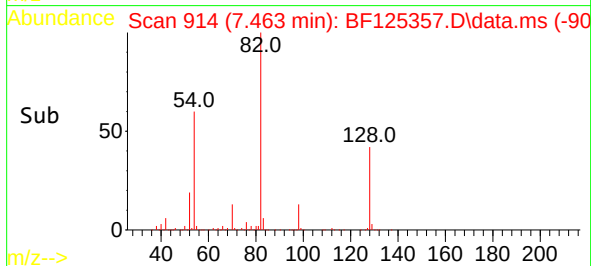
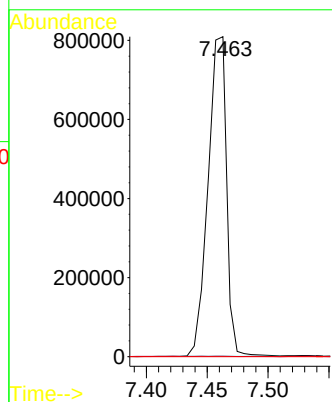
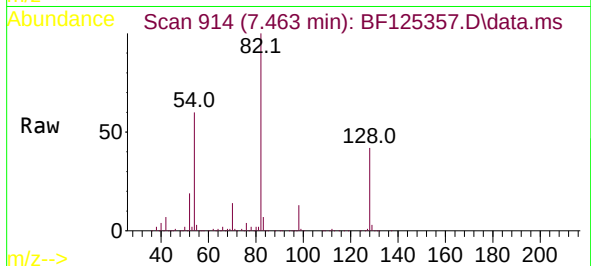




#25
Isophorone
Concen: 32.305 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

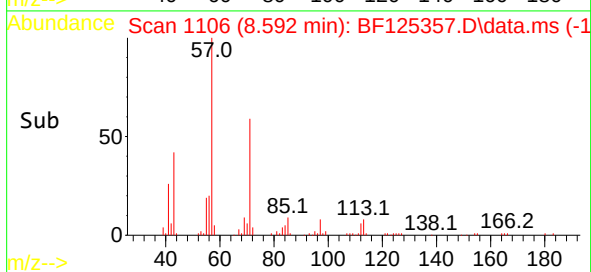
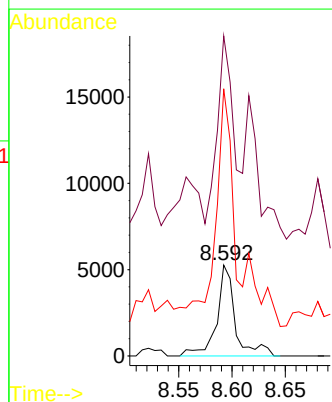
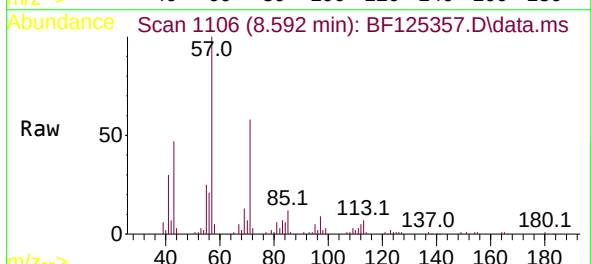
Instrument :
BNA_F
ClientSampleId :
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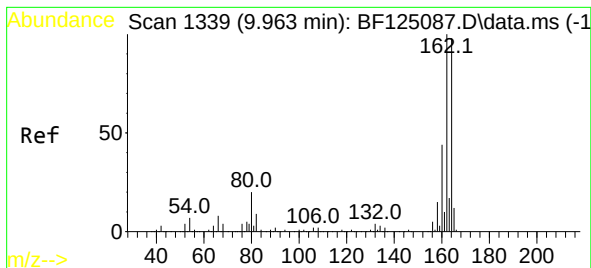
Tgt Ion: 82 Resp: 857098
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 2.277 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.035 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion: 113 Resp: 6302
Ion Ratio Lower Upper
113 100
55 351.8 154.1 194.1#
56 293.8 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125357.D

Acq: 3 Sep 2021 20:54

Instrument :

BNA_F

ClientSampleId :

G-1

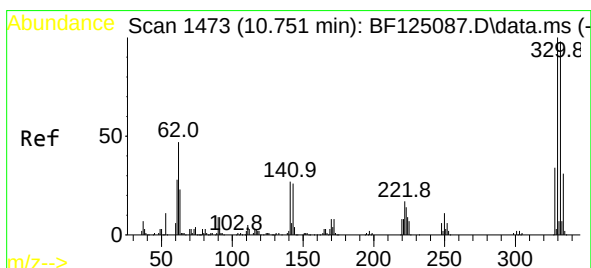
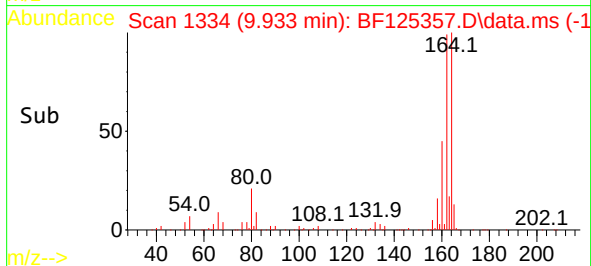
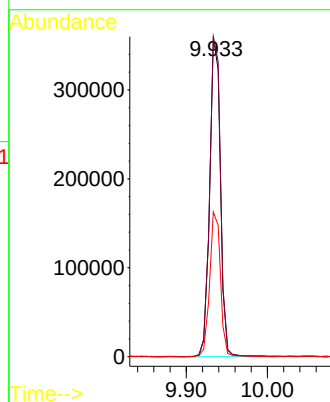
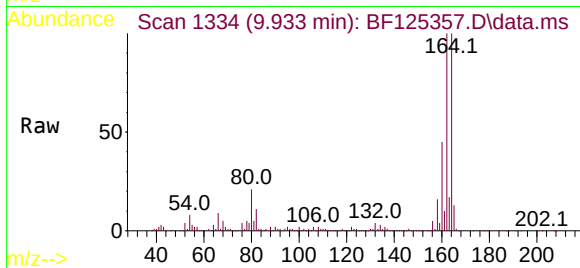
Tgt Ion:164 Resp: 327916

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 45.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 91.941 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF125357.D

Acq: 3 Sep 2021 20:54

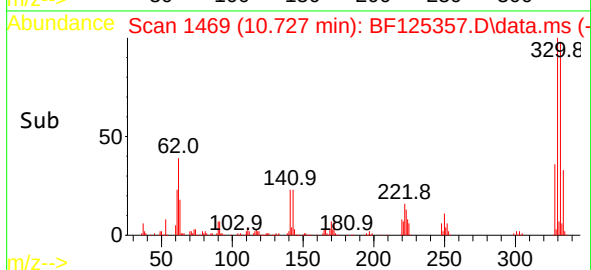
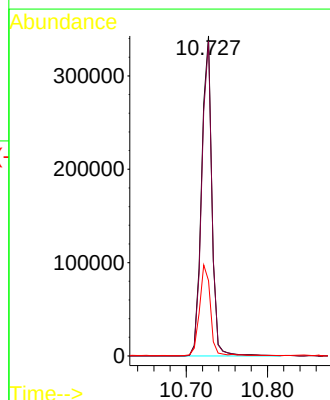
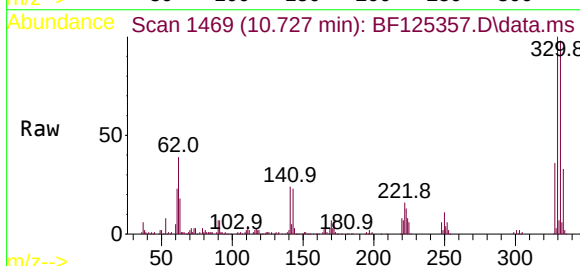
Tgt Ion:330 Resp: 300952

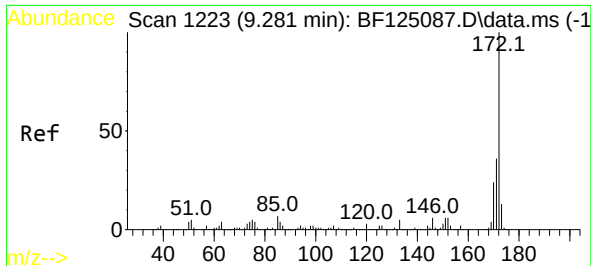
Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 30.1 44.6 66.8#

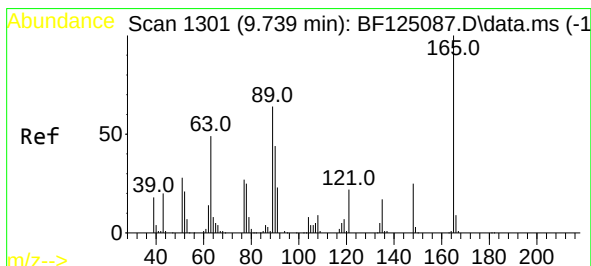
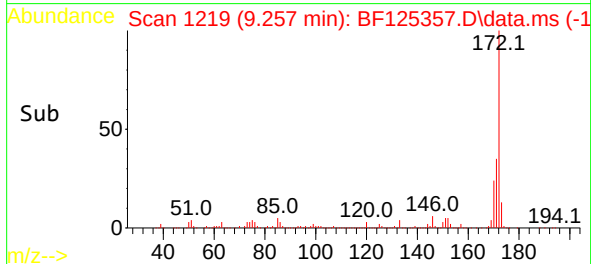
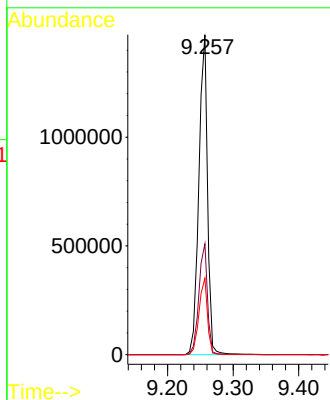
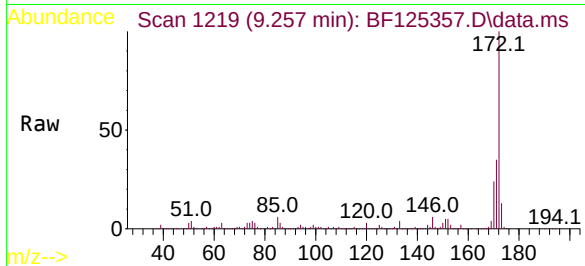




#45
2-Fluorobiphenyl
Concen: 57.656 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

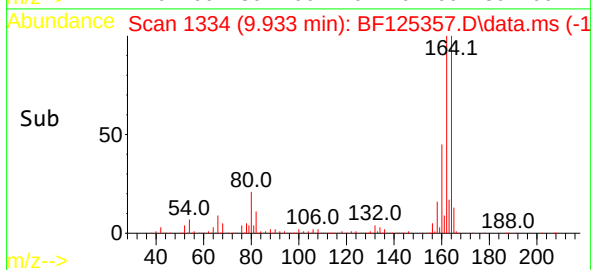
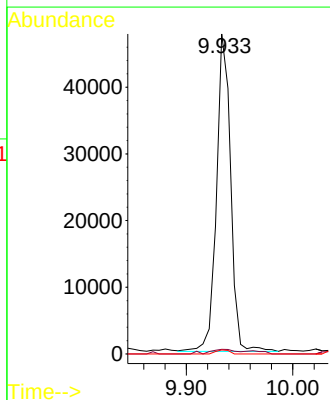
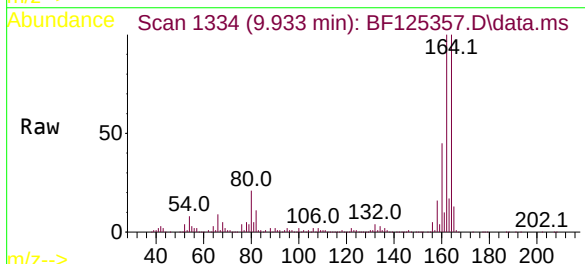
Instrument :
BNA_F
ClientSampled :
G-1

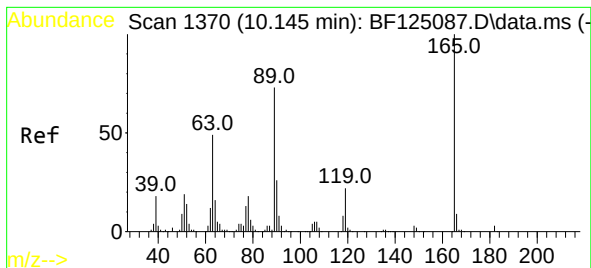
Tgt Ion:172 Resp: 1356515
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.897 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion:165 Resp: 43838
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.3 40.6 60.8#

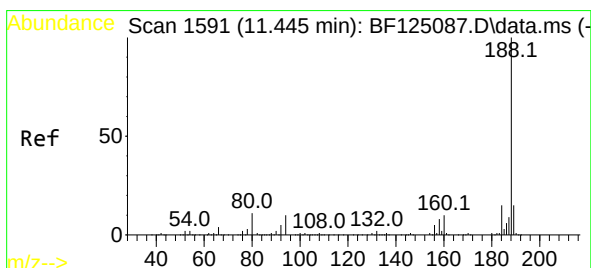
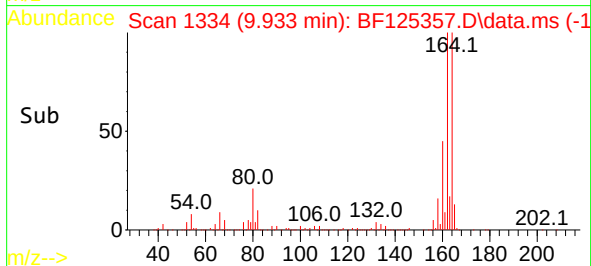
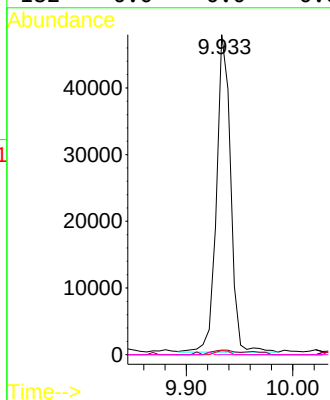
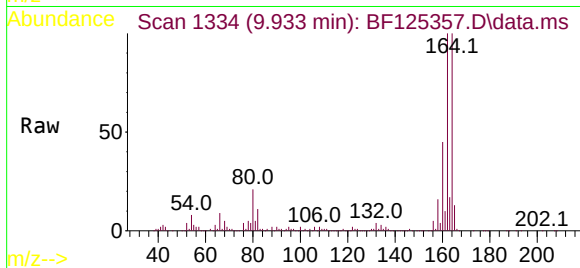




#57
2,4-Dinitrotoluene
Concen: 7.351 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

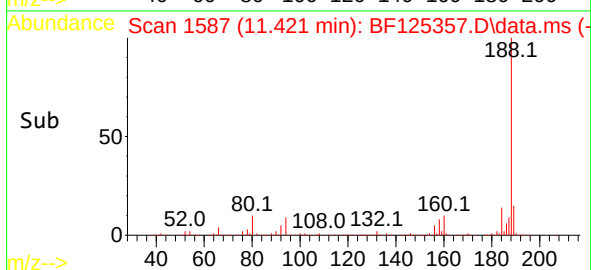
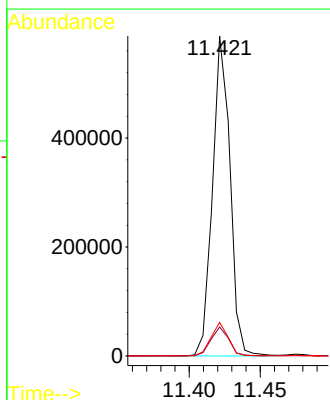
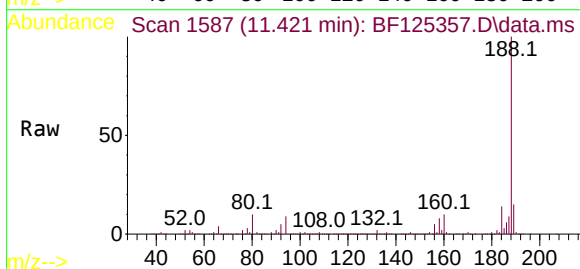
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G-1

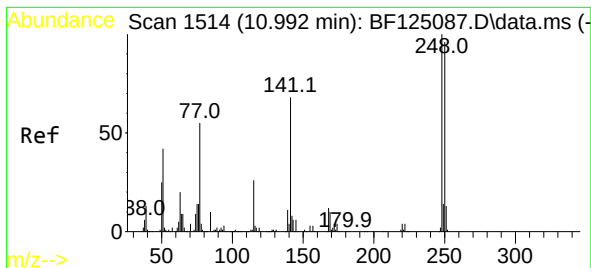
Tgt Ion:	165	Resp:	43838
Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.9	61.3#
89	1.3	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

Tgt Ion:	188	Resp:	502480
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	10.5	7.5	11.3

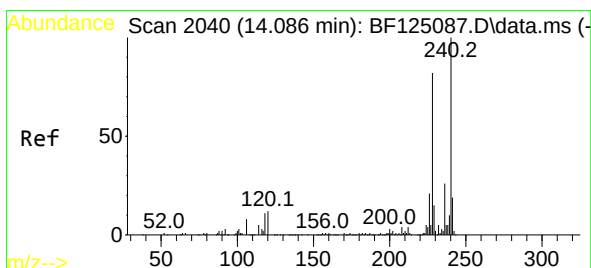
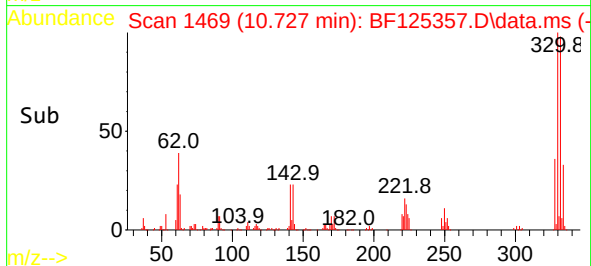
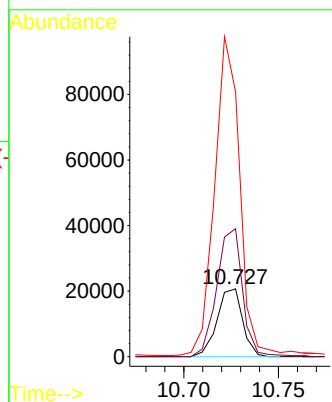
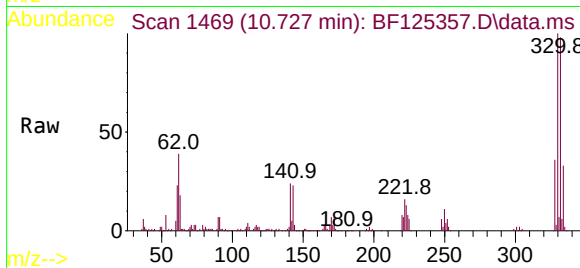




#67
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

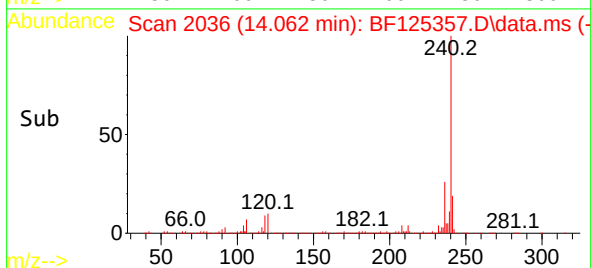
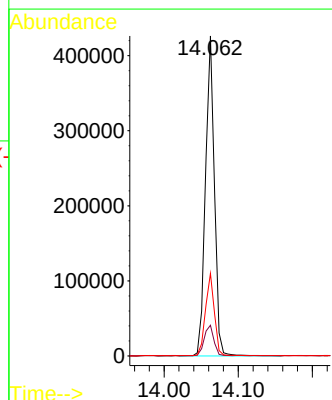
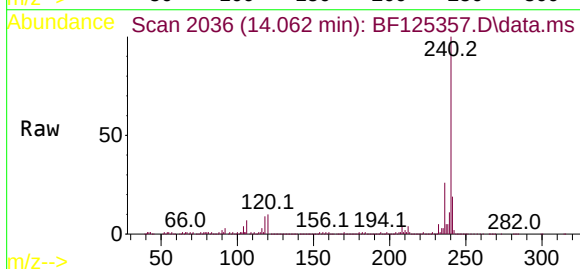
Instrument :
BNA_F
ClientSampled :
G-1

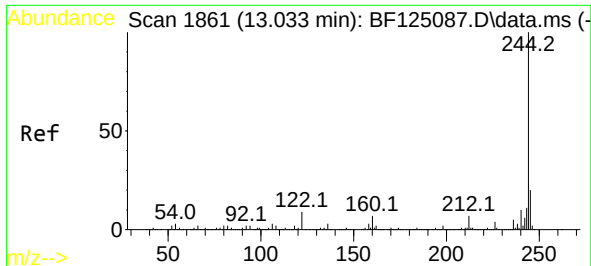
Tgt Ion:248 Resp: 19435
Ion Ratio Lower Upper
248 100
250 188.8 74.2 111.4#
141 390.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

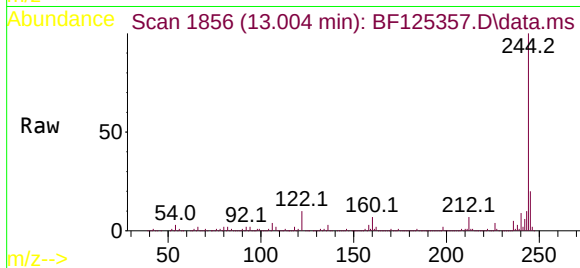
Tgt Ion:240 Resp: 358413
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.8 21.6 32.4



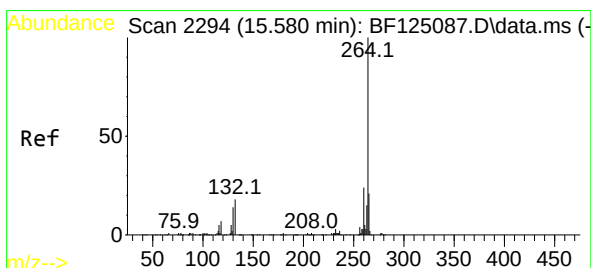
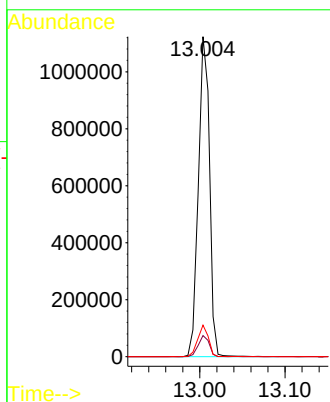
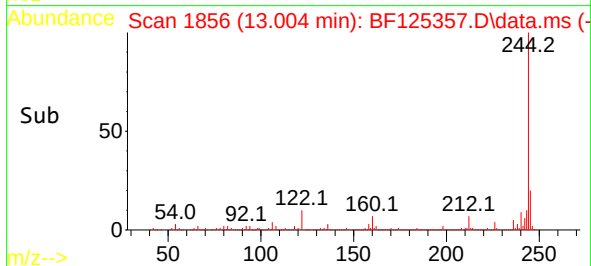


#79
Terphenyl-d14
Concen: 45.367 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125357.D
Acq: 3 Sep 2021 20:54

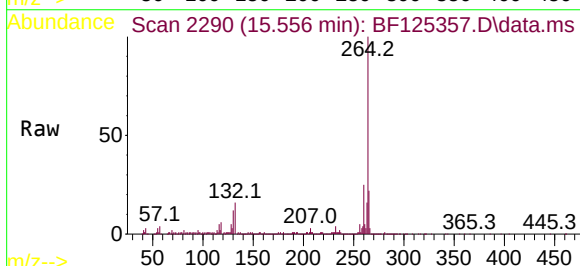
Instrument :
BNA_F
ClientSampled :
G-1



Tgt Ion:244 Resp: 1020670
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.9 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: BF125357.D
Acq: 3 Sep 2021 20:54



Tgt Ion:264 Resp: 365874
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.0 17.2 25.8

