

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125508.D
 Acq On : 15 Sep 2021 17:14
 Operator : JU/CG
 Sample : PB139103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139103BL

Quant Time: Sep 15 18:28:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

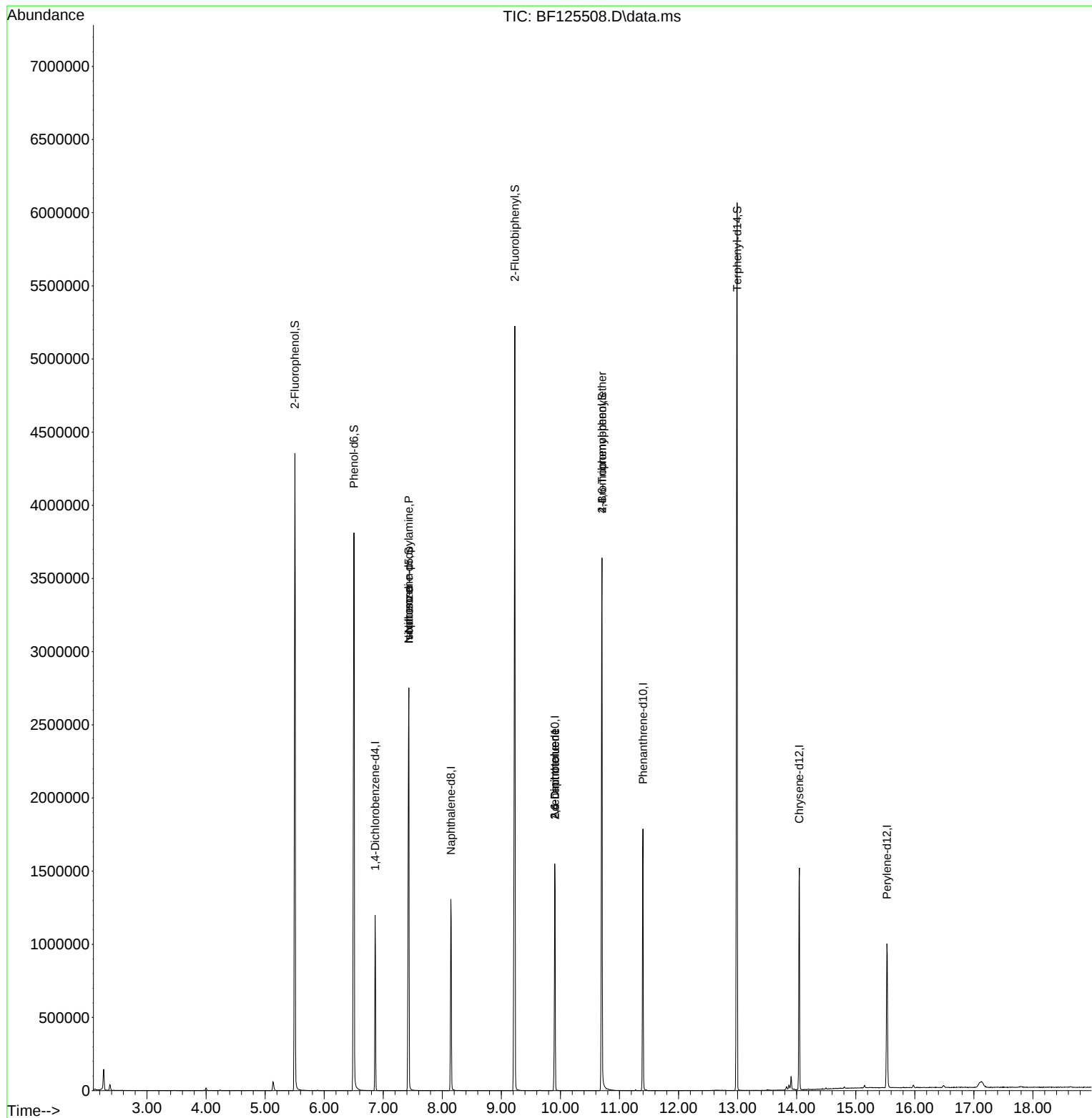
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	170785	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	676387	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	369143	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	694403	20.000	ng	0.00
76) Chrysene-d12	14.045	240	563111	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	476415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1237254	115.109	ng	0.01
7) Phenol-d6	6.504	99	1576064	110.325	ng	0.00
23) Nitrobenzene-d5	7.434	82	1064655	77.717	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	540158	120.144	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1932817	76.831	ng	0.00
79) Terphenyl-d14	12.992	244	2461928	70.894	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2571	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.434	70	144615	16.844	ng	# 56
25) Isophorone	7.434	82	1064638	40.733	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46612	7.881	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	46612	6.124	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	32317	3.836	ng	# 1

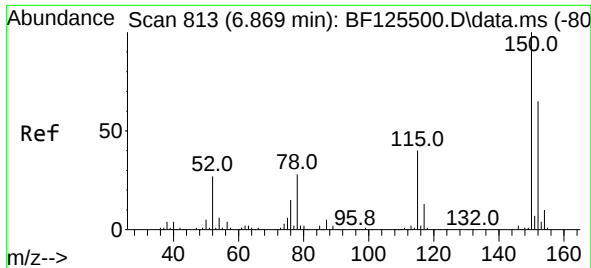
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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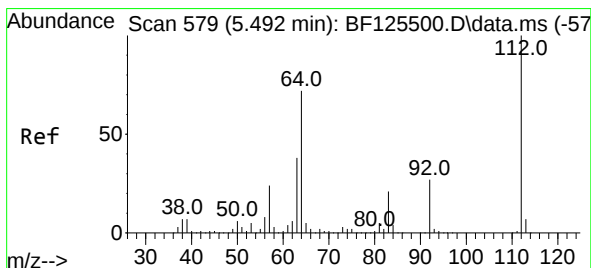
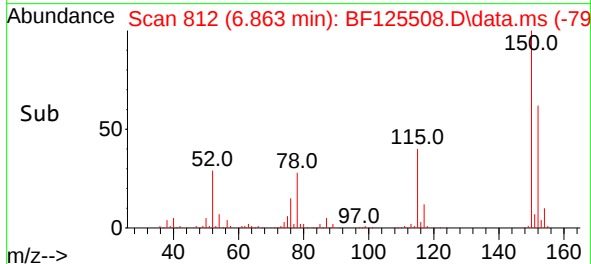
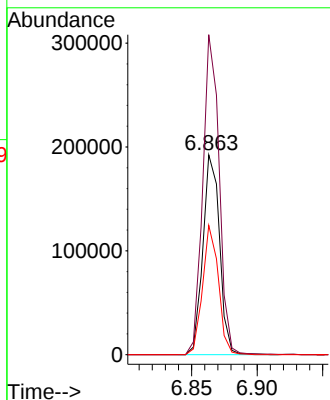
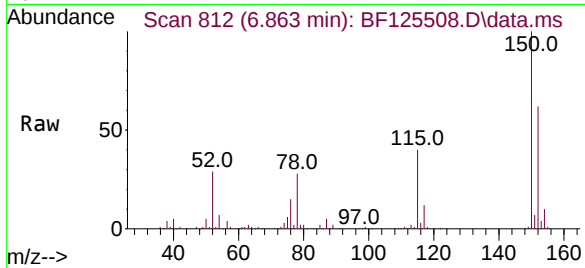




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

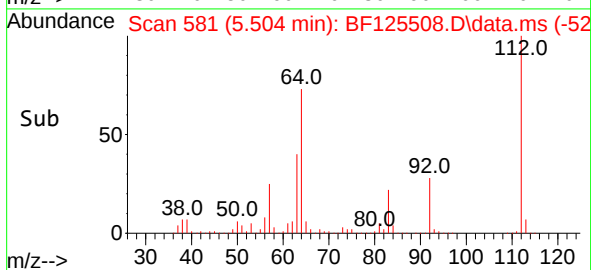
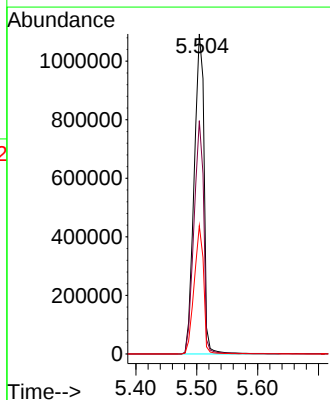
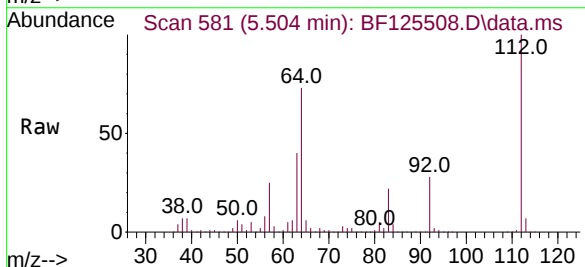
Instrument :
BNA_F
ClientSampleId :
PB139103BL

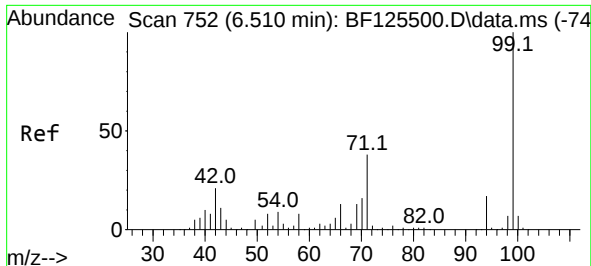
Tgt Ion:152 Resp: 170785
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 64.7 47.1 70.7



#5
2-Fluorophenol
Concen: 115.109 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion:112 Resp: 1237254
Ion Ratio Lower Upper
112 100
64 72.9 44.2 66.2#
63 40.1 26.2 39.2#

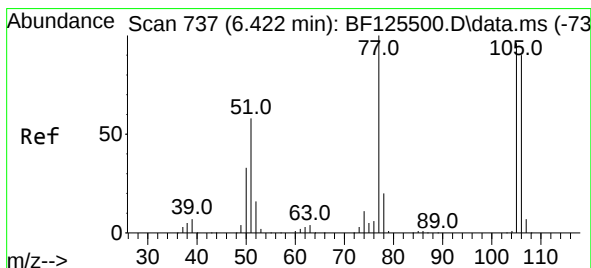
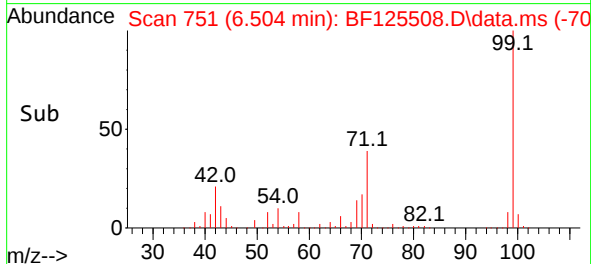
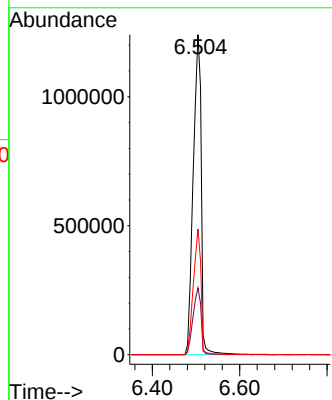
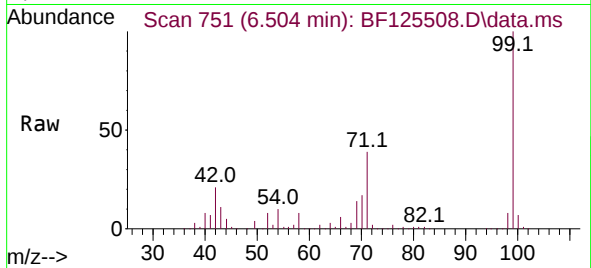




#7
Phenol-d6
Concen: 110.325 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

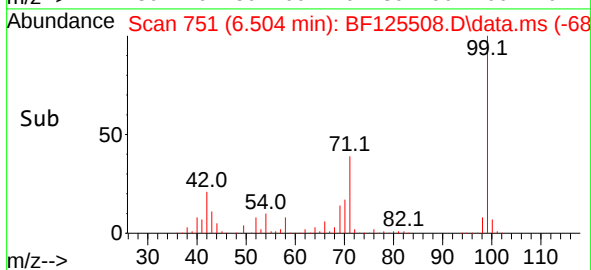
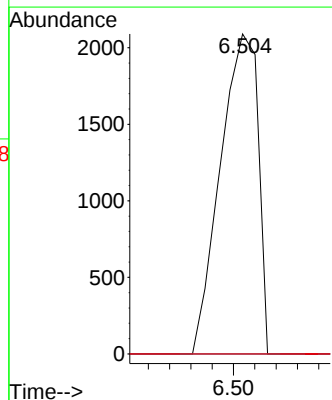
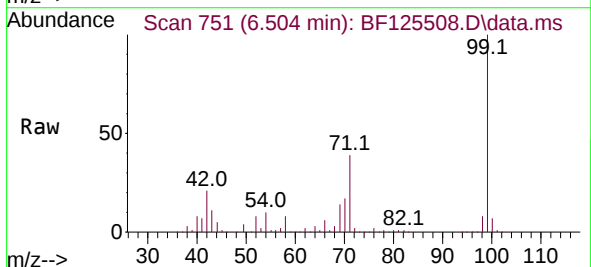
Instrument :
BNA_F
ClientSampleId :
PB139103BL

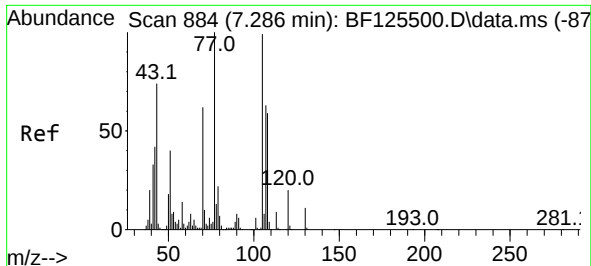
Tgt Ion: 99 Resp: 1576064
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 39.3 25.6 38.4#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion: 77 Resp: 2571
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

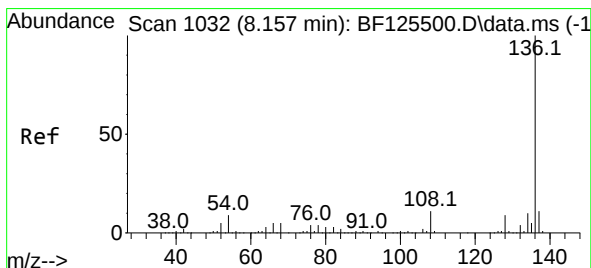
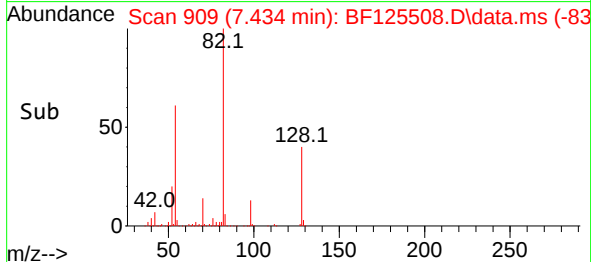
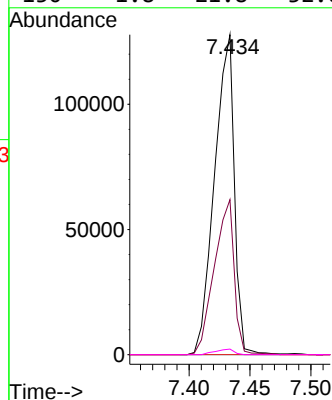
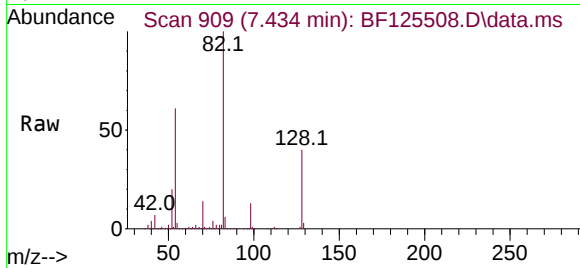




#19
n-Nitroso-di-n-propylamine
Concen: 16.844 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

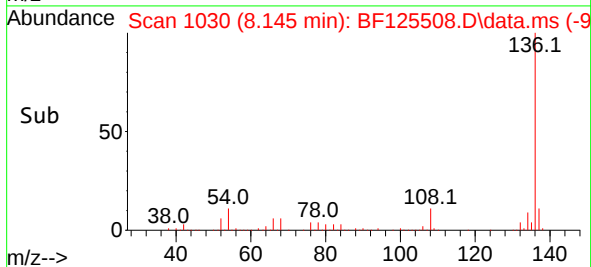
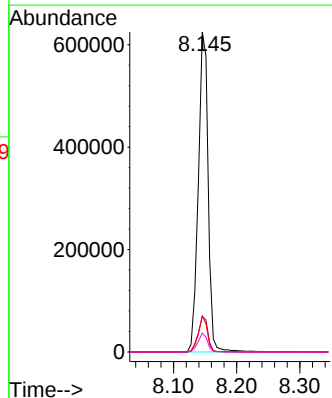
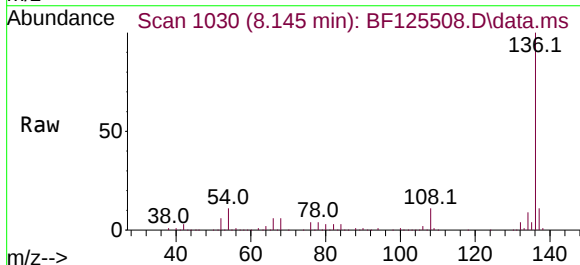
Instrument :
BNA_F
ClientSampleId :
PB139103BL

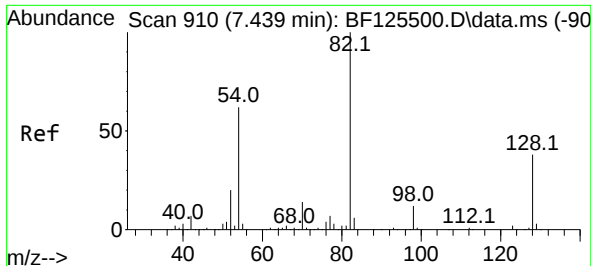
Tgt Ion: 70 Resp: 144615
Ion Ratio Lower Upper
70 100
42 48.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion: 136 Resp: 676387
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 11.2 6.4 9.6#
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 77.717 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF125508.D

Acq: 15 Sep 2021 17:14

Tgt Ion: 82 Resp: 1064655

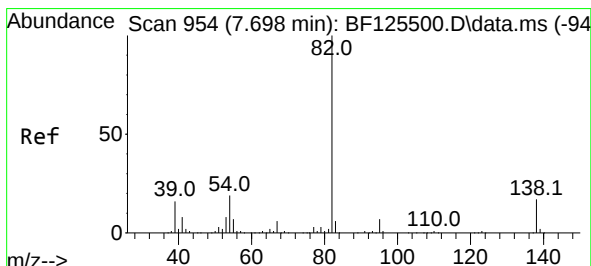
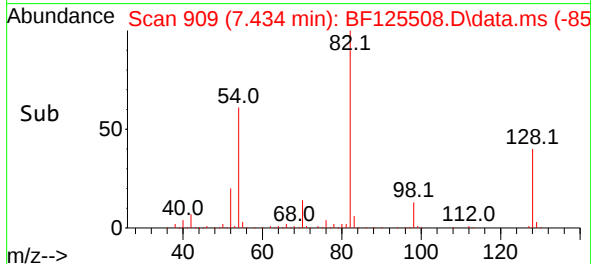
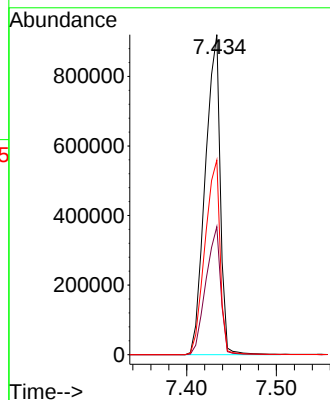
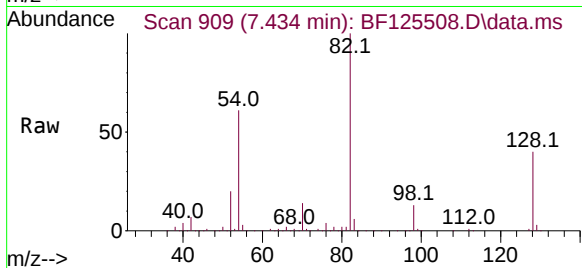
Ion	Ratio	Lower	Upper
82	100		
128	40.0	40.6	60.8#
54	60.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

PB139103BL



#25

Isophorone

Concen: 40.733 ng

RT: 7.434 min Scan# 909

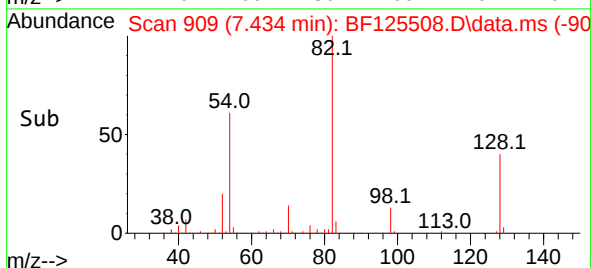
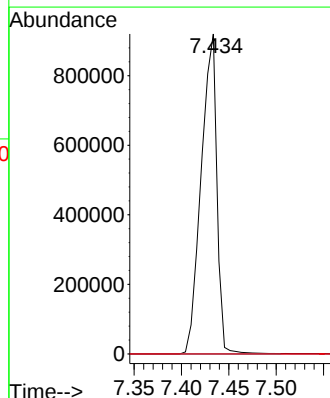
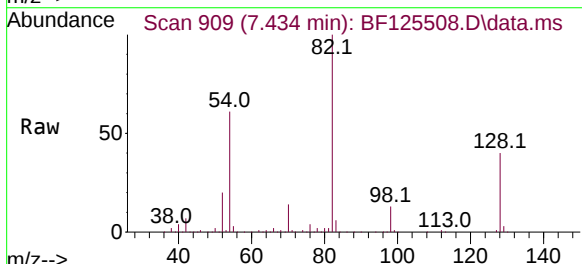
Delta R.T. -0.265 min

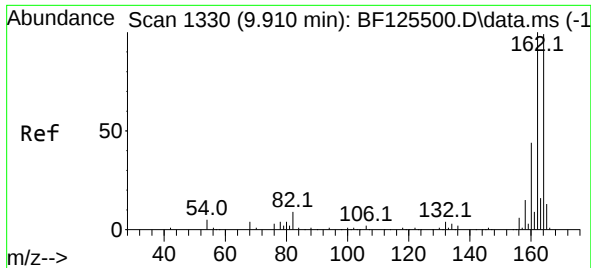
Lab File: BF125508.D

Acq: 15 Sep 2021 17:14

Tgt Ion: 82 Resp: 1064638

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

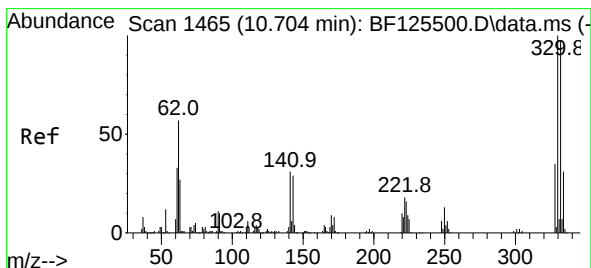
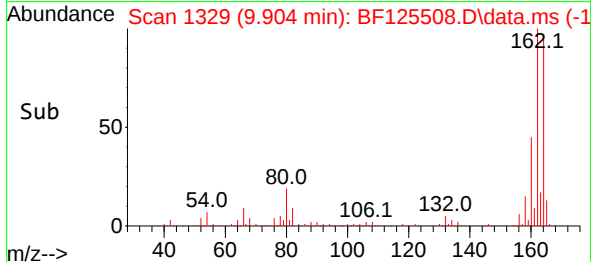
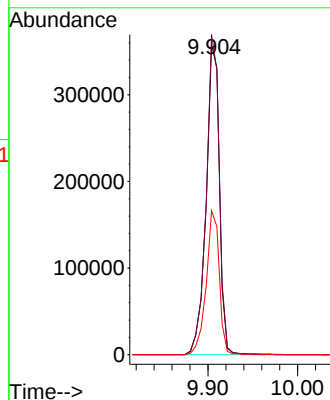
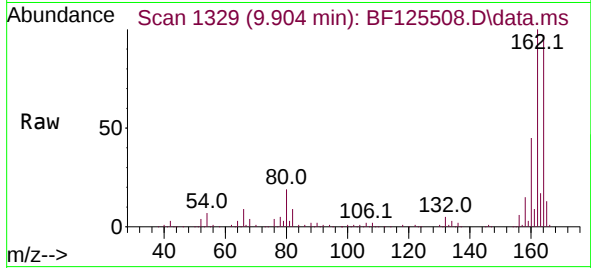




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

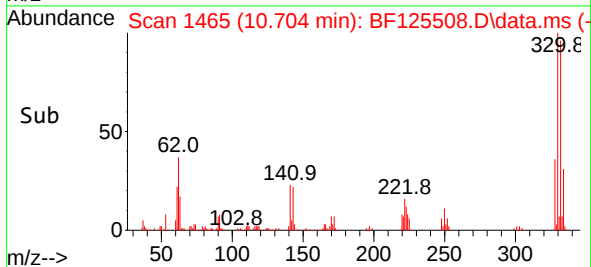
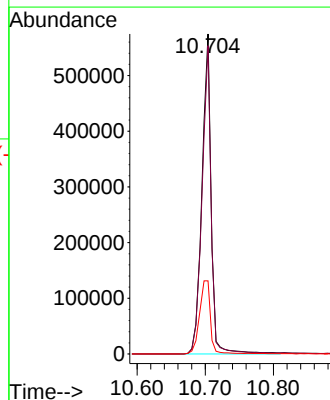
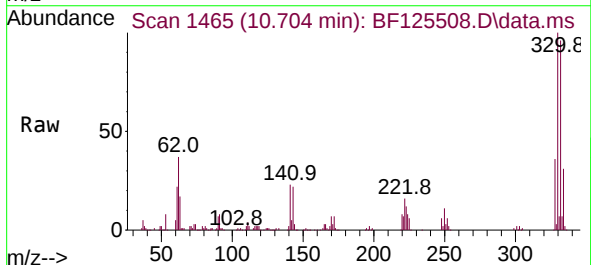
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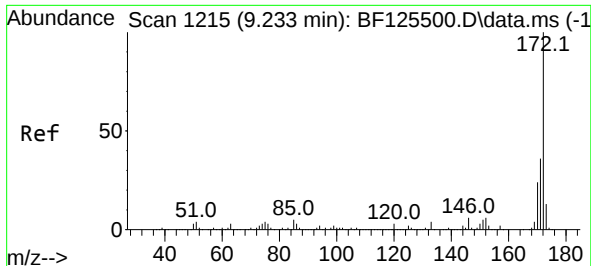
Tgt Ion:164 Resp: 369143
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 120.144 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion:330 Resp: 540158
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 27.2 44.6 66.8#

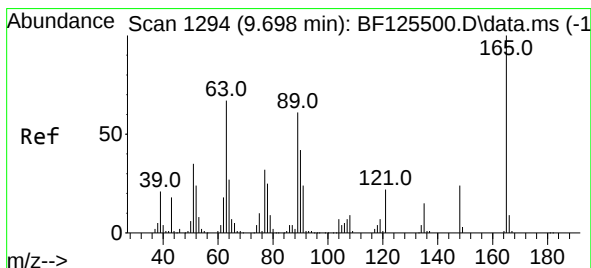
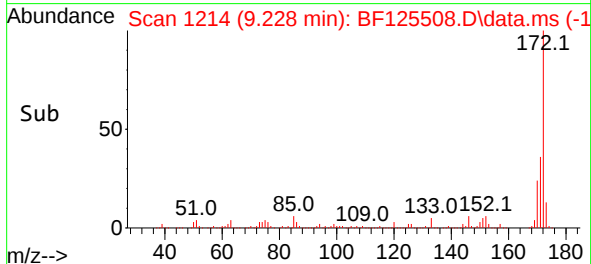
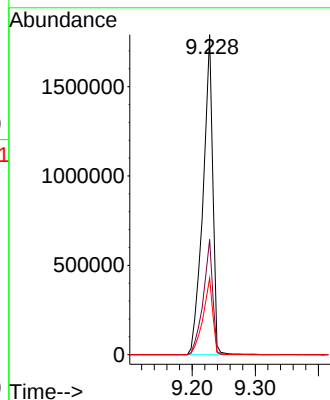
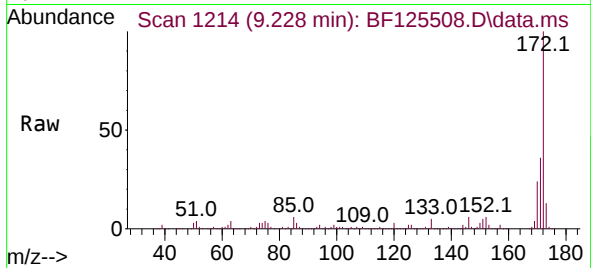




#45
2-Fluorobiphenyl
Concen: 76.831 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

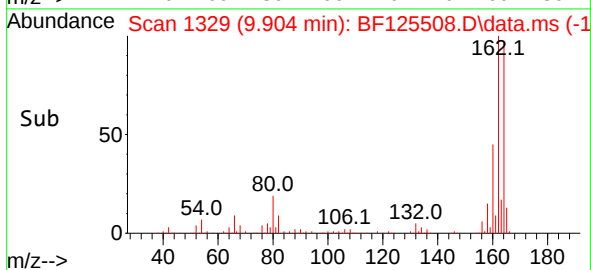
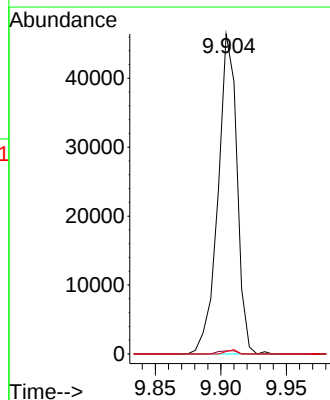
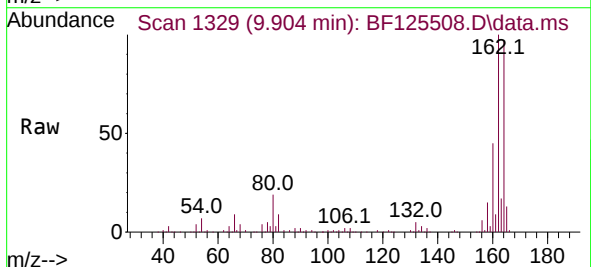
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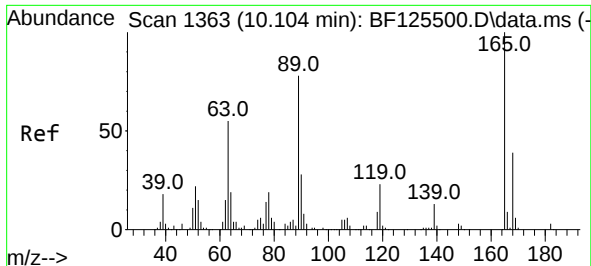
Tgt Ion:172 Resp: 1932817
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.881 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion:165 Resp: 46612
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#

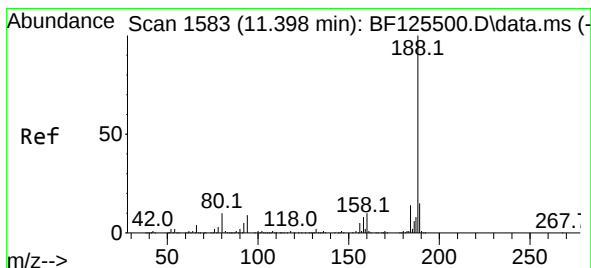
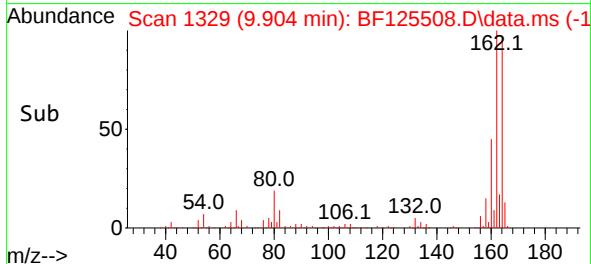
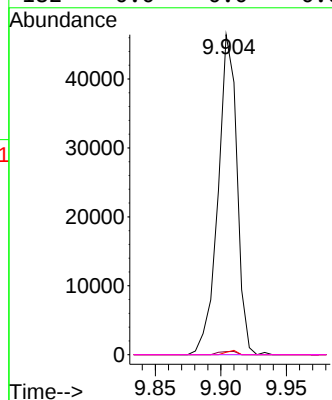
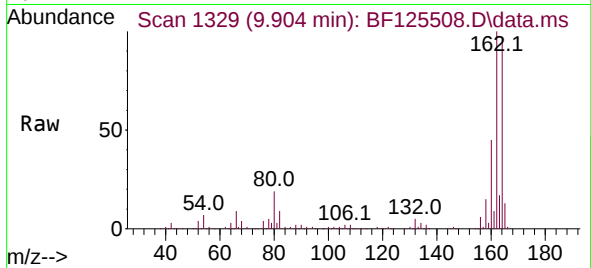




#57
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

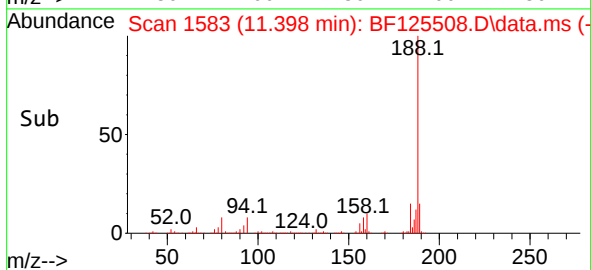
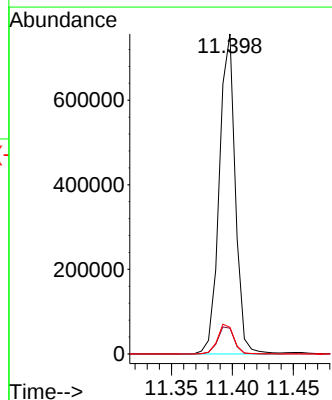
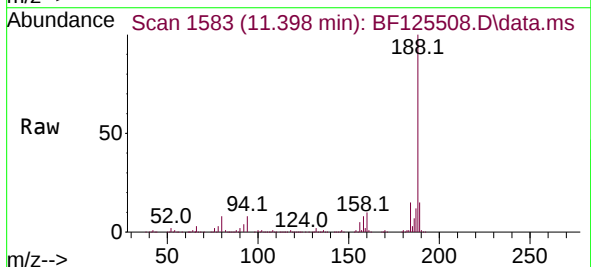
Instrument :
BNA_F
ClientSampleId :
PB139103BL

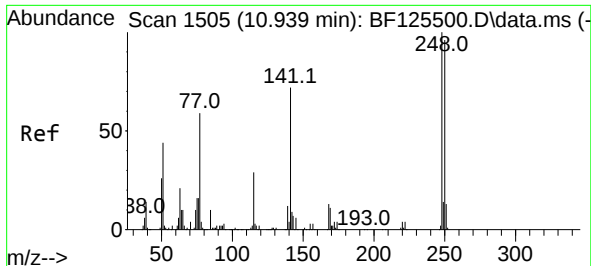
Tgt Ion:	165	Resp:	46612
Ion Ratio	Lower	Upper	
165	100		
63	1.0	40.9	61.3#
89	0.8	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion:	188	Resp:	694403
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.7	10.1
80	8.4	7.5	11.3

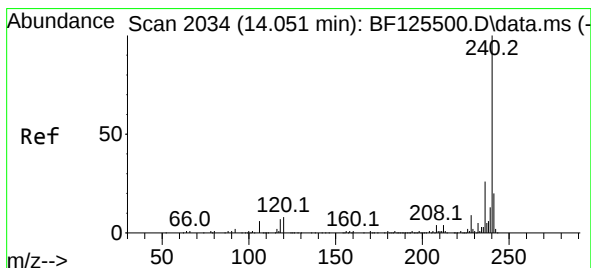
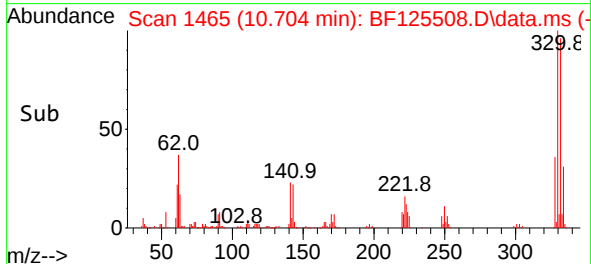
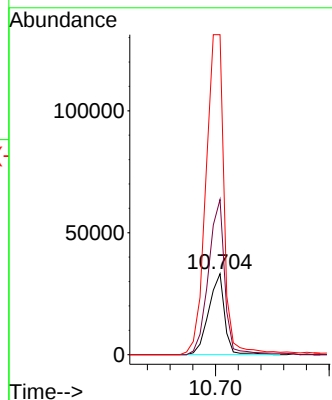
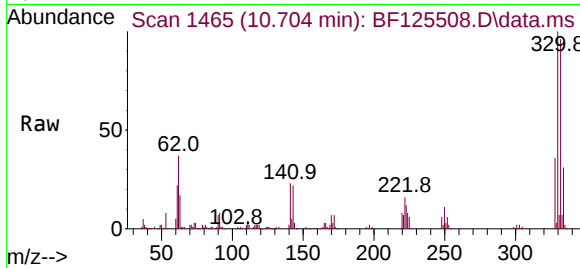




#67
4-Bromophenyl-phenylether
Concen: 3.836 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.235 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

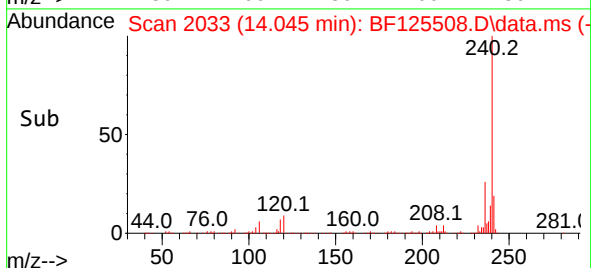
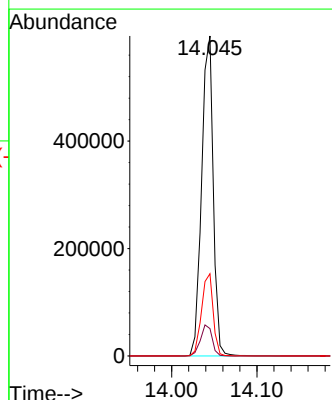
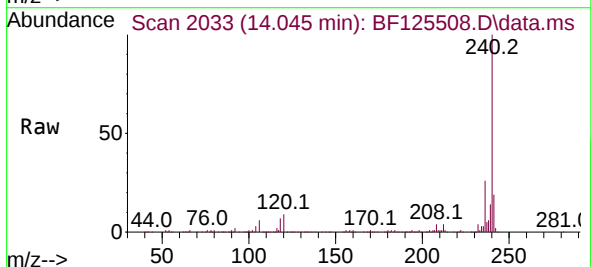
Instrument :
BNA_F
ClientSampleId :
PB139103BL

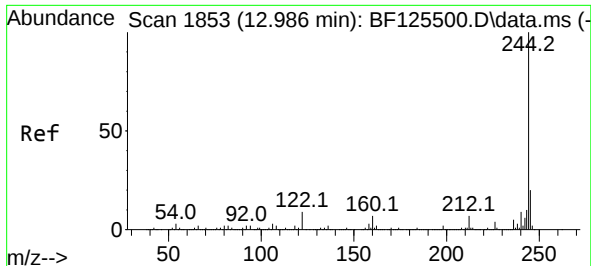
Tgt Ion:248 Resp: 32317
Ion Ratio Lower Upper
248 100
250 191.5 74.2 111.4#
141 394.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

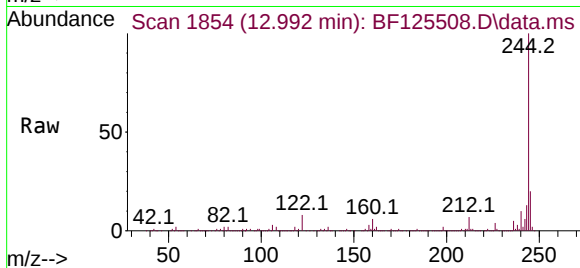
Tgt Ion:240 Resp: 563111
Ion Ratio Lower Upper
240 100
120 8.5 10.8 16.2#
236 25.7 21.6 32.4



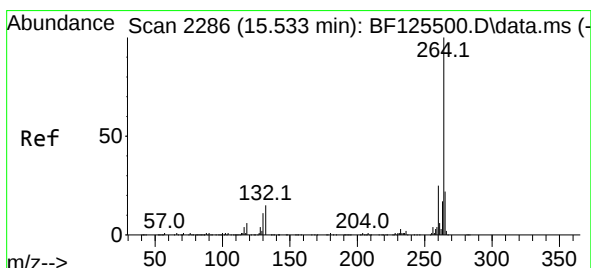
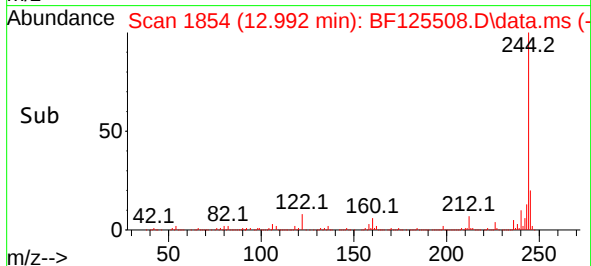
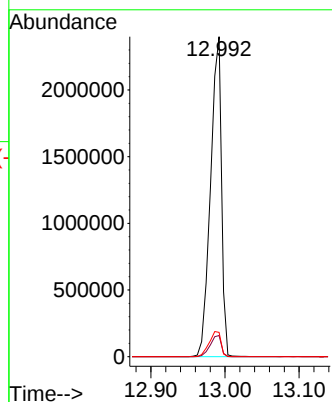


#79
Terphenyl-d14
Concen: 70.894 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Instrument :
BNA_F
ClientSampleId :
PB139103BL



Tgt Ion:244 Resp: 2461928
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 7.6 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF125508.D
Acq: 15 Sep 2021 17:14

Tgt Ion:264 Resp: 476415
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.2 17.2 25.8

