

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125468.D
 Acq On : 14 Sep 2021 11:17
 Operator : JU/CG
 Sample : PB139068BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139040BL

Quant Time: Sep 14 11:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 11:45:52 2021
 Response via : Initial Calibration

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

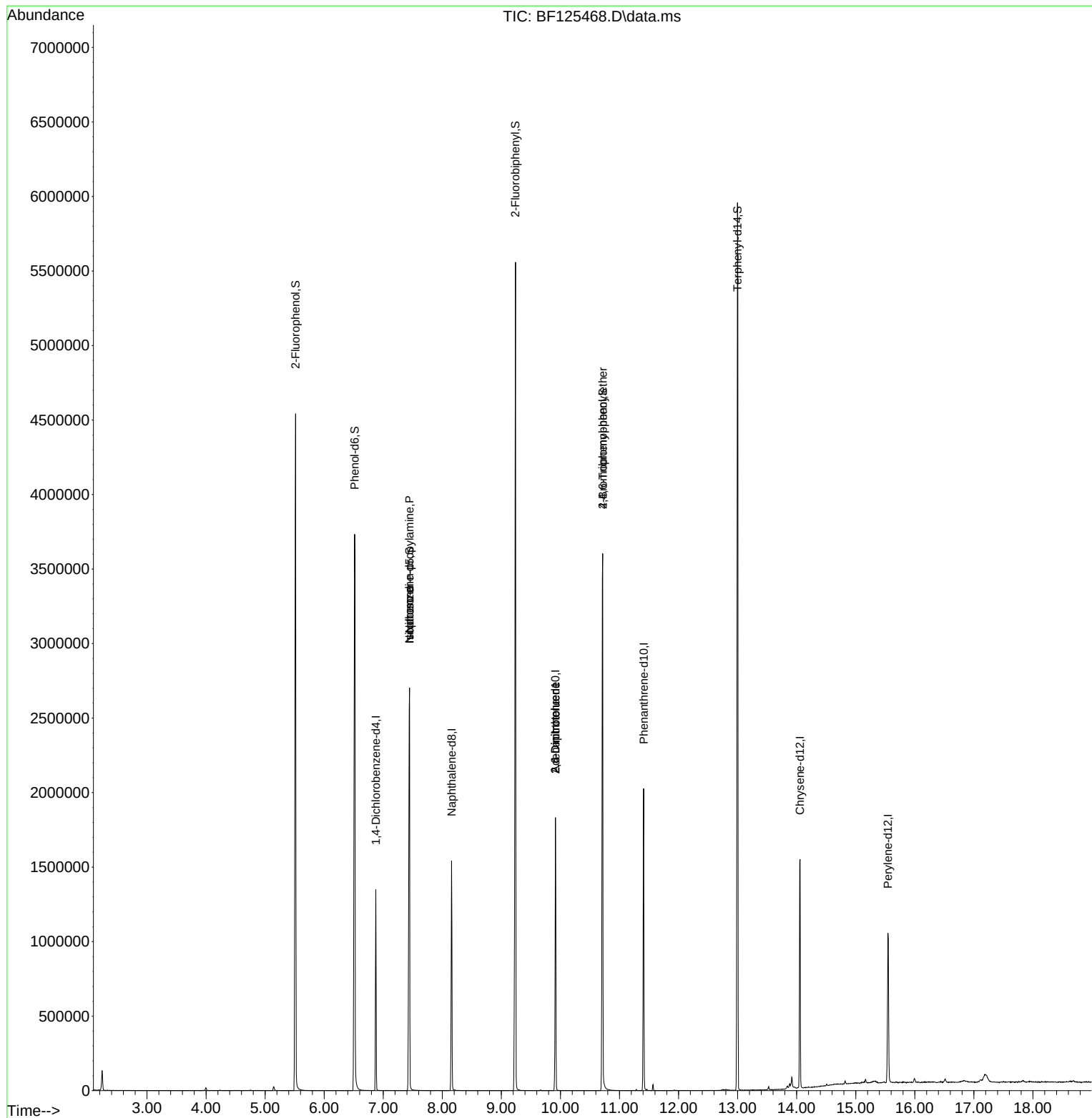
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	183686	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	725684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	395917	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	757680	20.000	ng	0.00
76) Chrysene-d12	14.057	240	584276	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	484562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1248726	102.897	ng	0.01
7) Phenol-d6	6.516	99	1598296	101.833	ng	0.00
23) Nitrobenzene-d5	7.445	82	1078148	74.796	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	552401	139.773	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1931569	67.996	ng	0.00
79) Terphenyl-d14	12.998	244	2488570	67.853	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	146554	15.524	ng	# 57
25) Isophorone	7.445	82	1073464	38.604	ng	# 59
51) 2,6-Dinitrotoluene	9.916	165	51147	8.597	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	51147	7.103	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	32947	3.621	ng	# 1

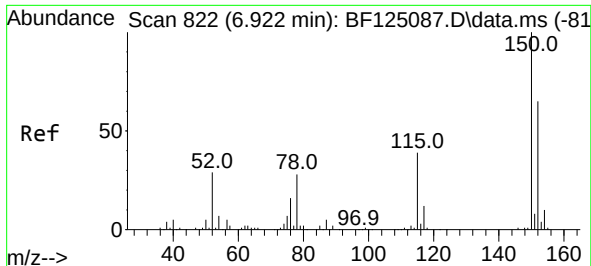
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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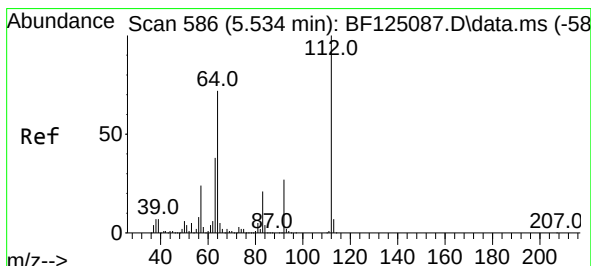
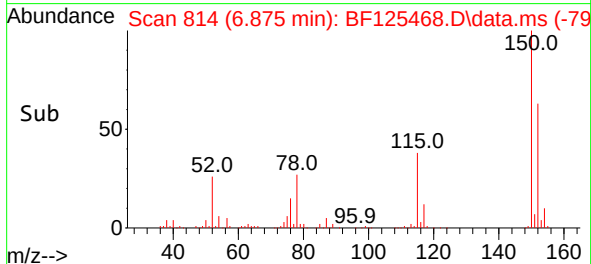
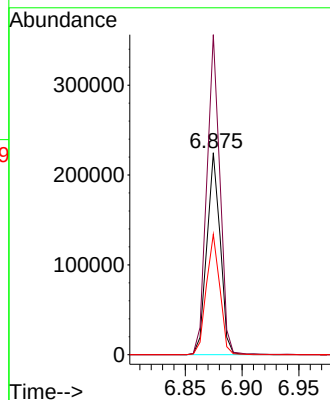
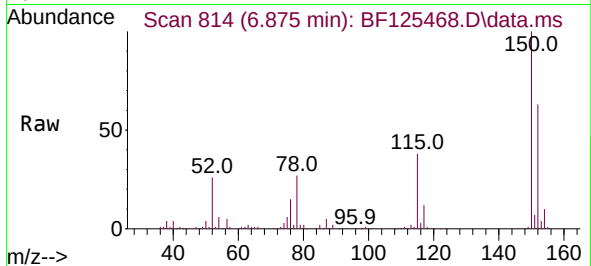




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

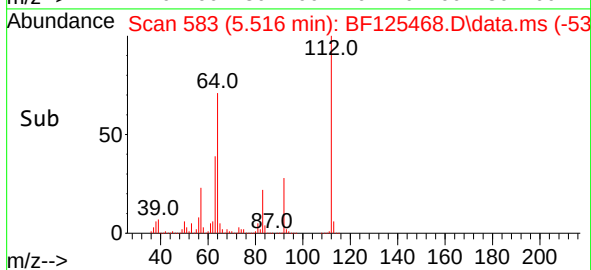
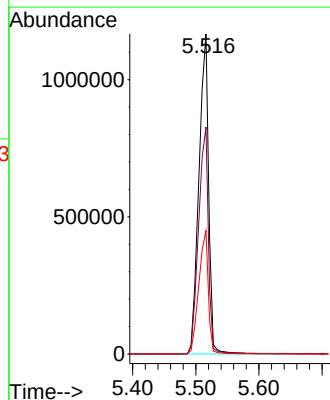
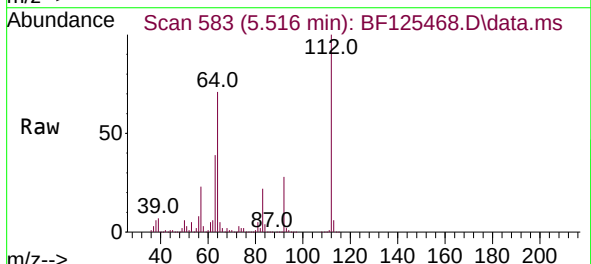
Instrument :
BNA_F
ClientSampleId :
PB139040BL

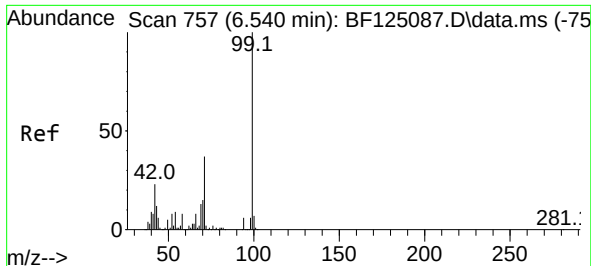
Tgt Ion:152 Resp: 183686
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 102.897 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion:112 Resp: 1248726
Ion Ratio Lower Upper
112 100
64 70.9 44.2 66.2#
63 38.5 26.2 39.2

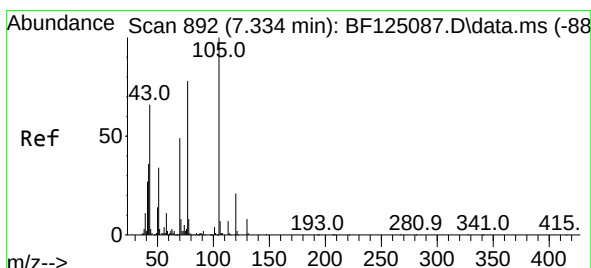
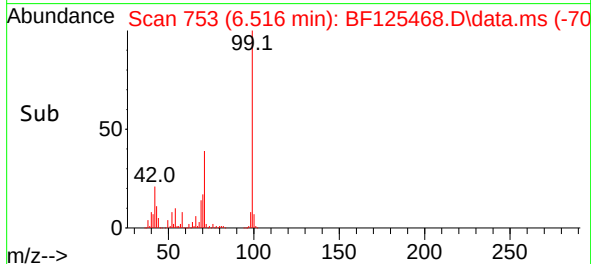
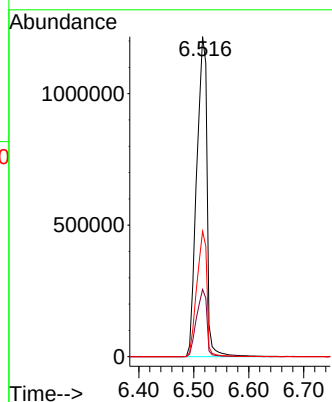
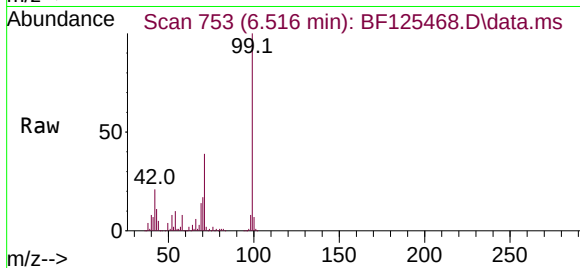




#7
Phenol-d6
Concen: 101.833 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

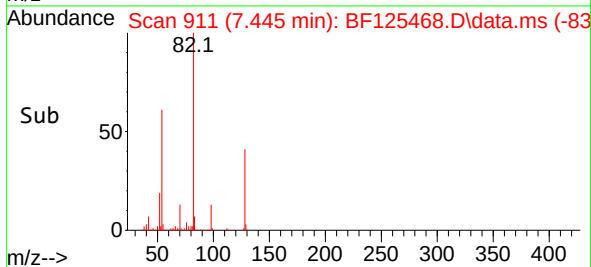
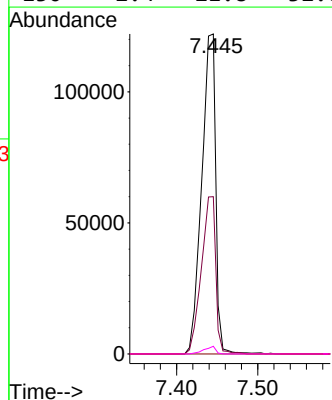
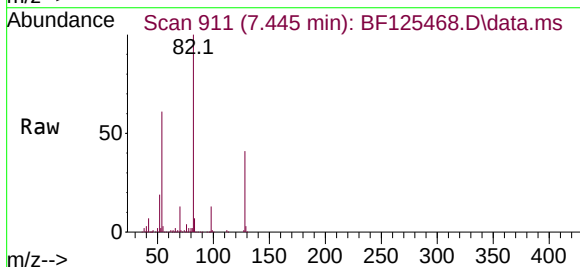
Instrument :
BNA_F
ClientSampleId :
PB139040BL

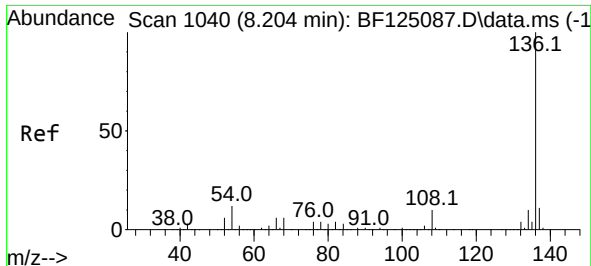
Tgt Ion: 99 Resp: 1598296
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 39.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.524 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion: 70 Resp: 146554
Ion Ratio Lower Upper
70 100
42 49.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

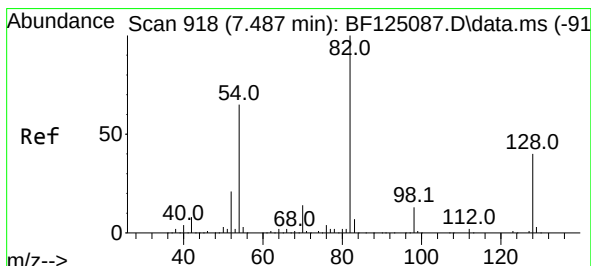
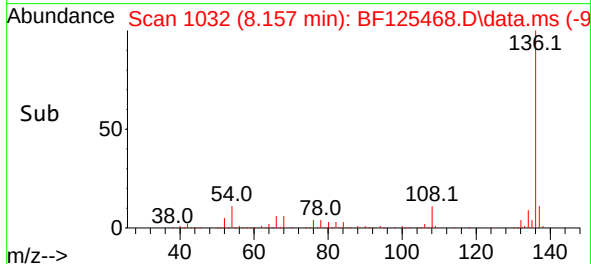
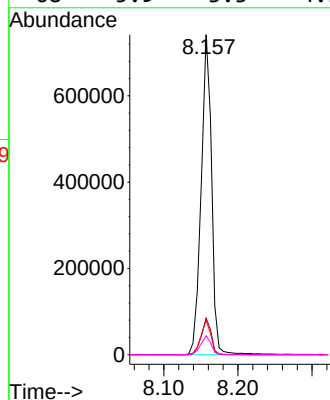
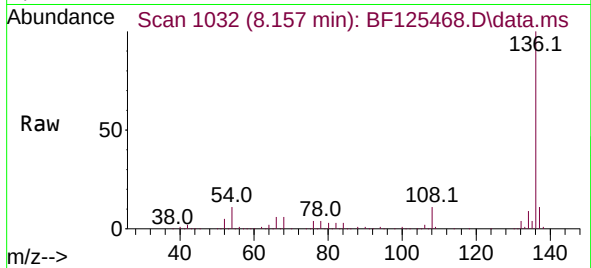




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

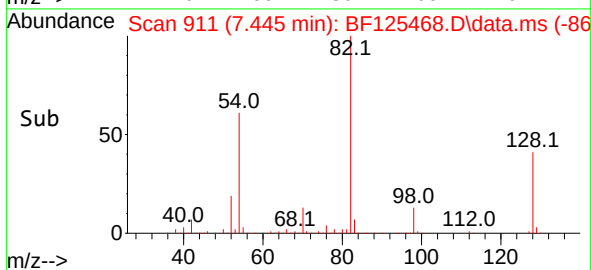
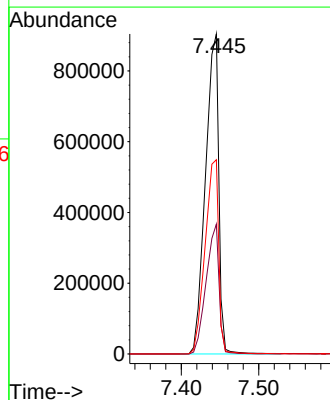
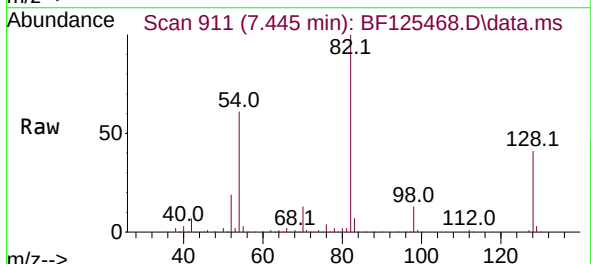
Instrument :
BNA_F
ClientSampleId :
PB139040BL

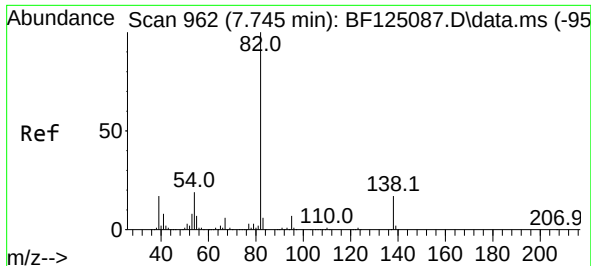
Tgt	Ion:136	Resp:	725684
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	10.8	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 74.796 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion: 82	Resp: 1078148		
Ion Ratio	Lower	Upper	
82 100			
128 40.5	40.6	60.8#	
54 60.7	49.6	74.4	

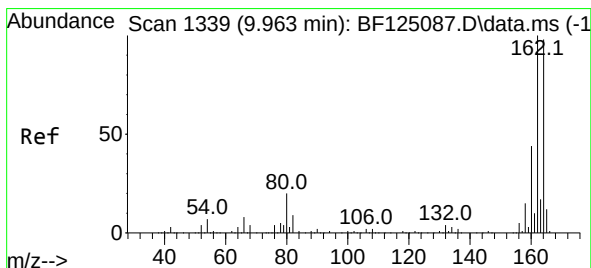
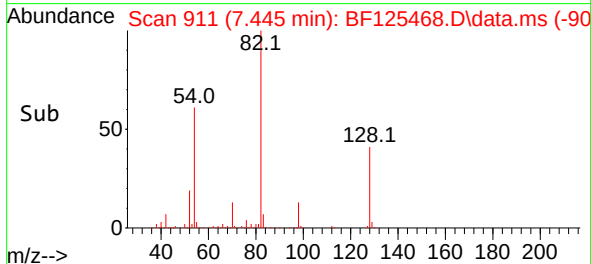
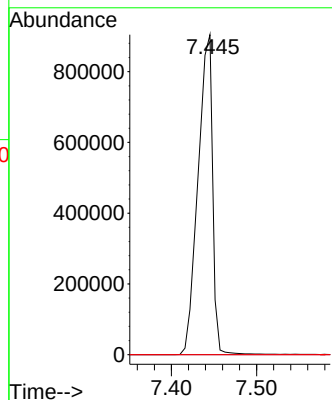
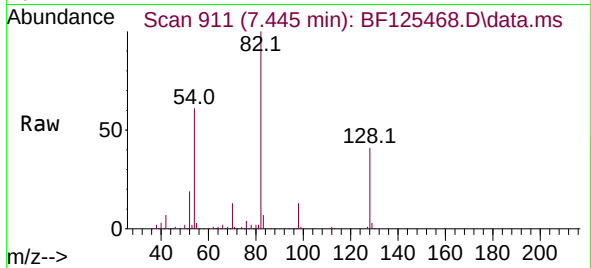




#25
Isophorone
Concen: 38.604 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

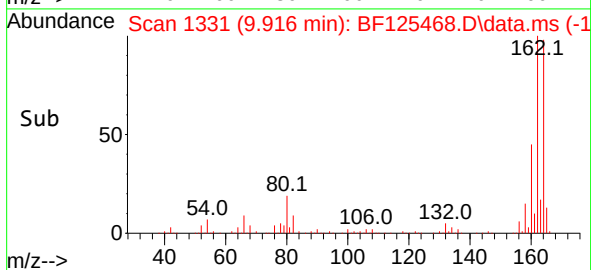
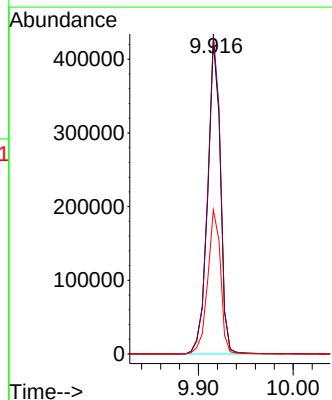
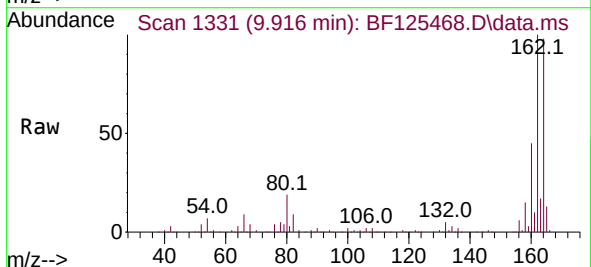
Instrument :
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ClientSampleId :
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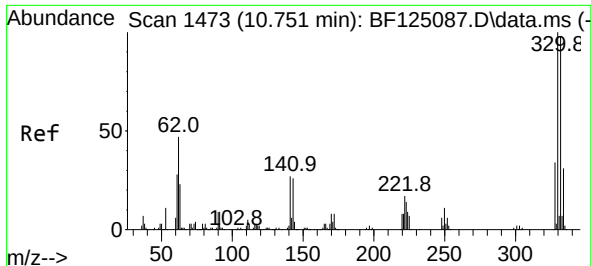
Tgt Ion: 82 Resp: 1073464
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion: 164 Resp: 395917
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 46.0 38.0 57.0

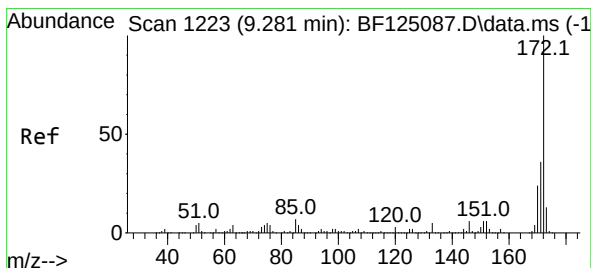
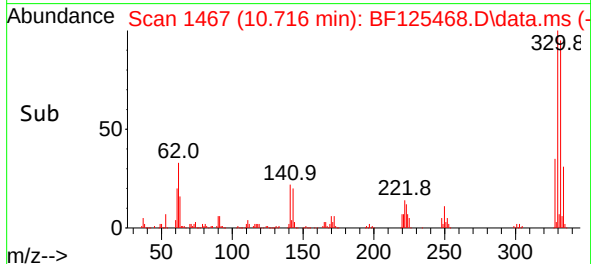
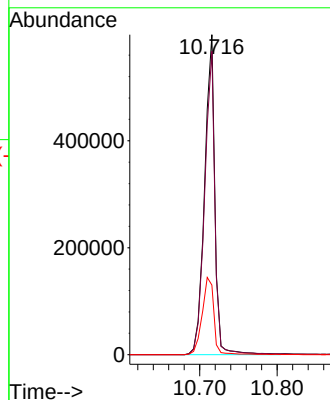
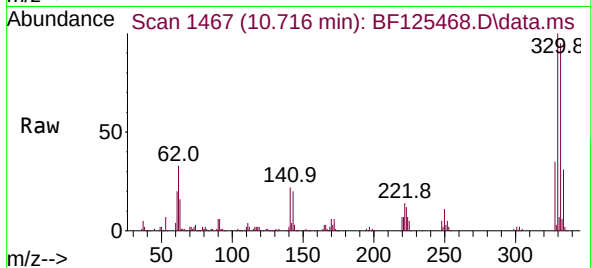




#42
2,4,6-Tribromophenol
Concen: 139.773 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

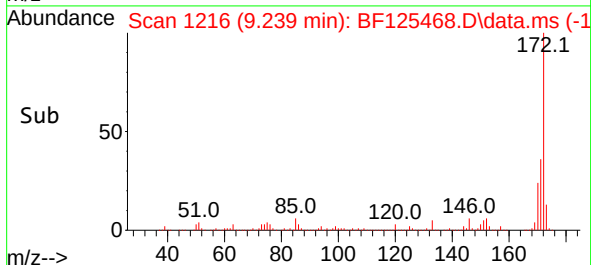
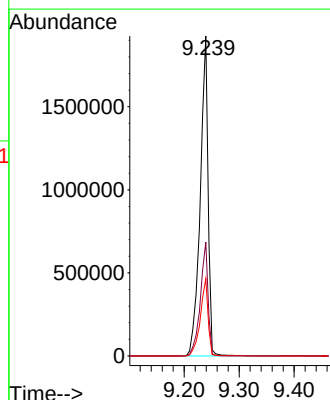
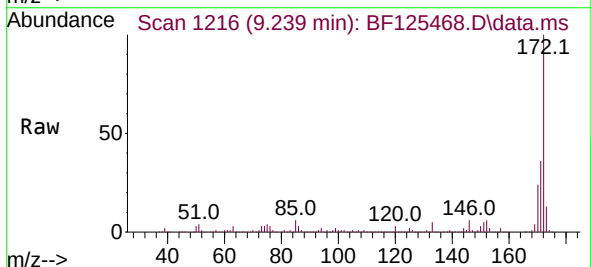
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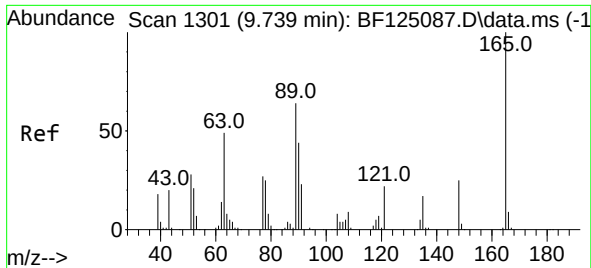
Tgt Ion:330 Resp: 552401
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 27.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.996 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion:172 Resp: 1931569
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.1 18.8 28.2

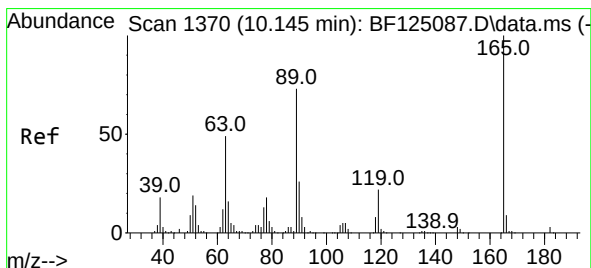
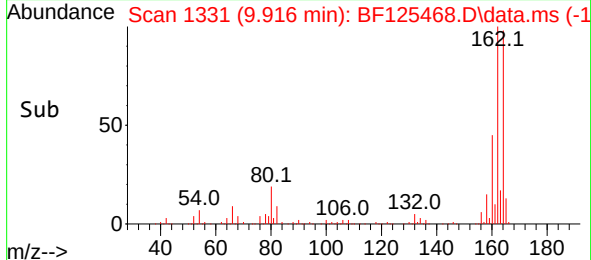
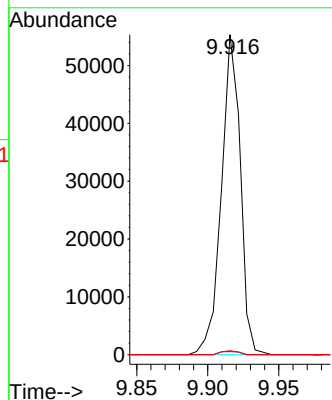
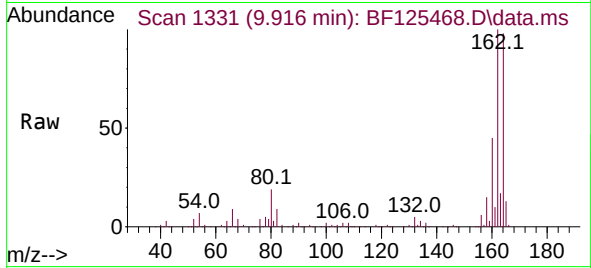




#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

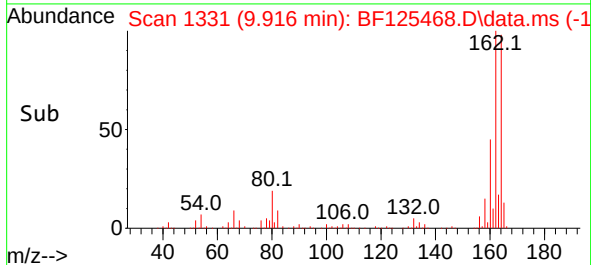
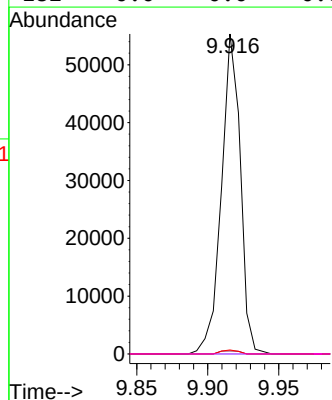
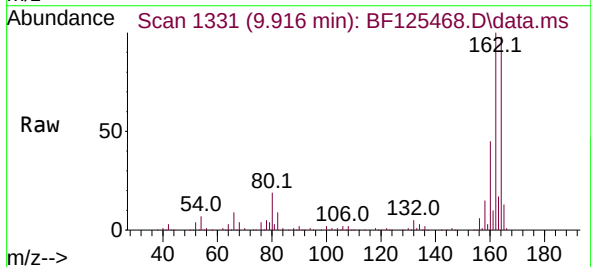
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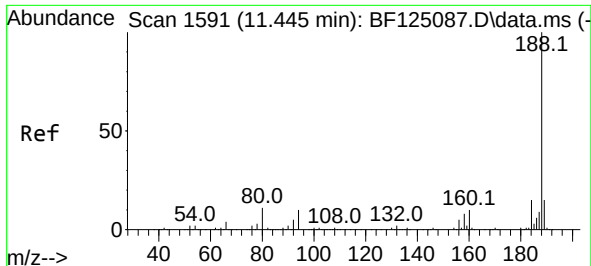
Tgt Ion:165 Resp: 51147
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.103 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion:165 Resp: 51147
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

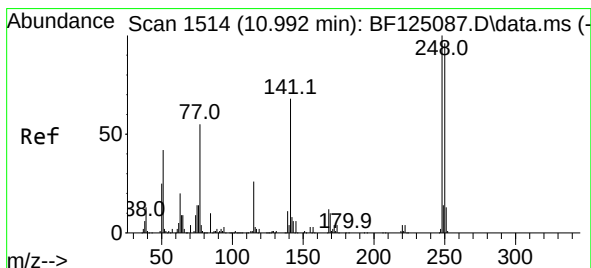
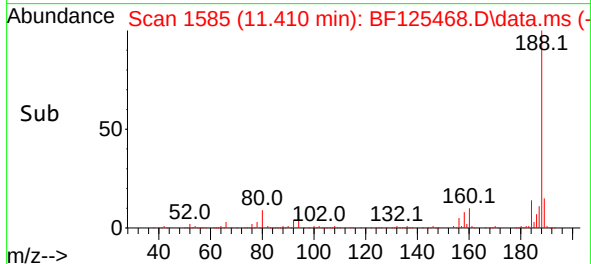
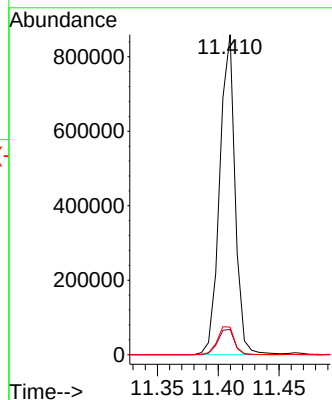
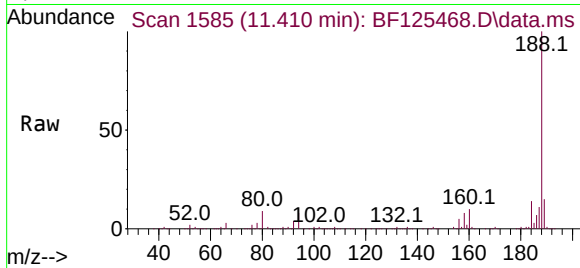




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

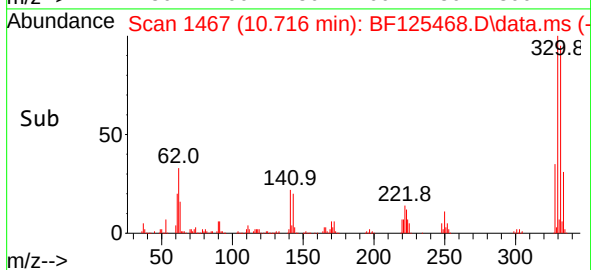
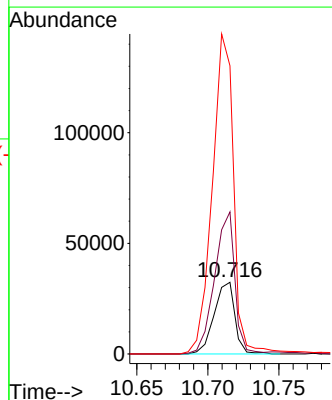
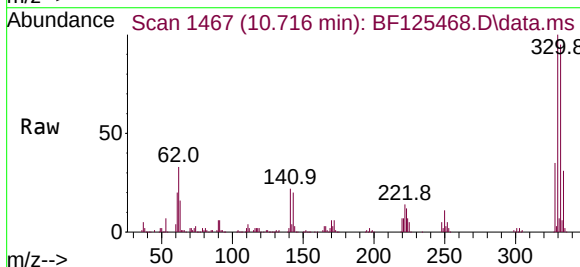
Instrument :
BNA_F
ClientSampleId :
PB139040BL

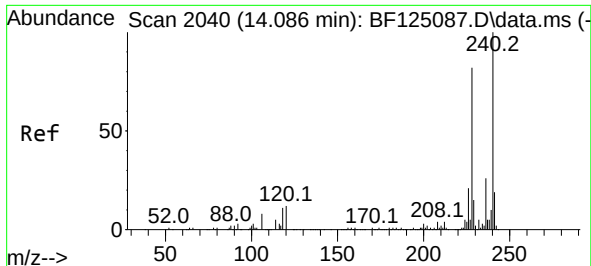
Tgt Ion:188 Resp: 757680
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.621 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.235 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion:248 Resp: 32947
Ion Ratio Lower Upper
248 100
250 198.1 74.2 111.4#
141 401.9 60.4 90.6#

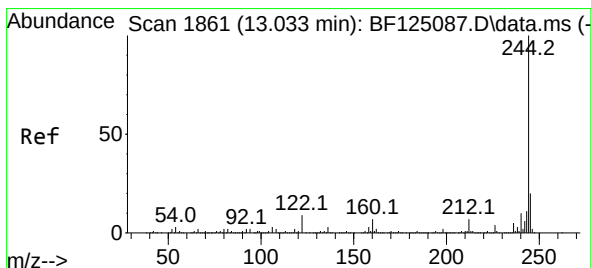
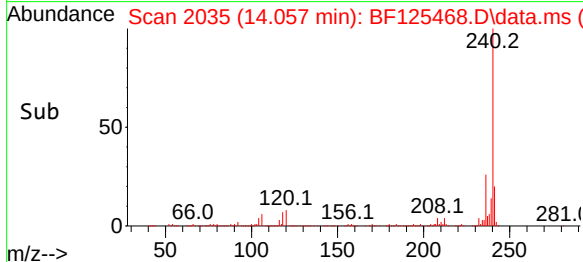
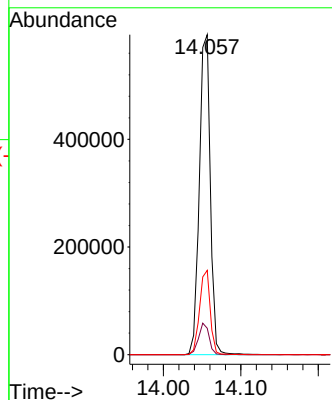
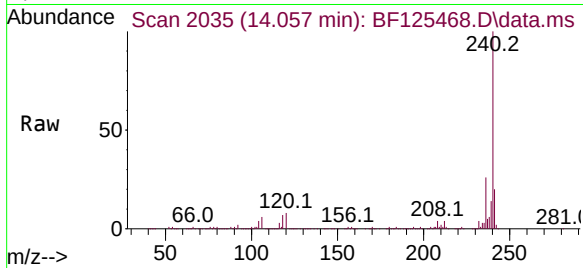




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

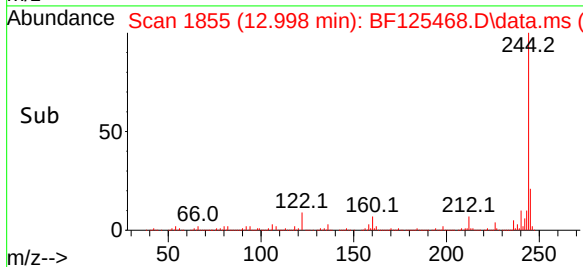
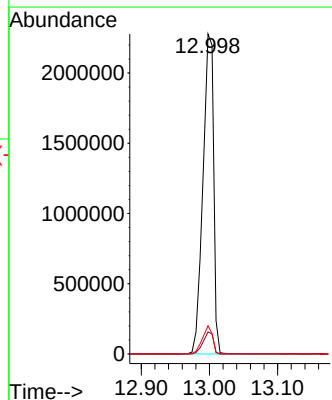
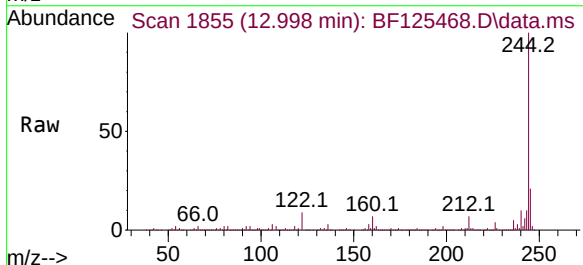
Instrument :
BNA_F
ClientSampleId :
PB139040BL

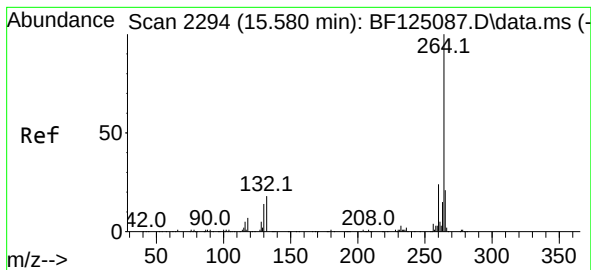
Tgt Ion:240 Resp: 584276
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 67.853 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Tgt Ion:244 Resp: 2488570
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF125468.D
Acq: 14 Sep 2021 11:17

Instrument :
BNA_F
ClientSampleId :
PB139040BL

Tgt Ion:264 Resp: 484562
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.2 17.2 25.8

