

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125450.D
 Acq On : 13 Sep 2021 18:35
 Operator : JU/CG
 Sample : M3684-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A008015

Quant Time: Sep 14 03:29:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

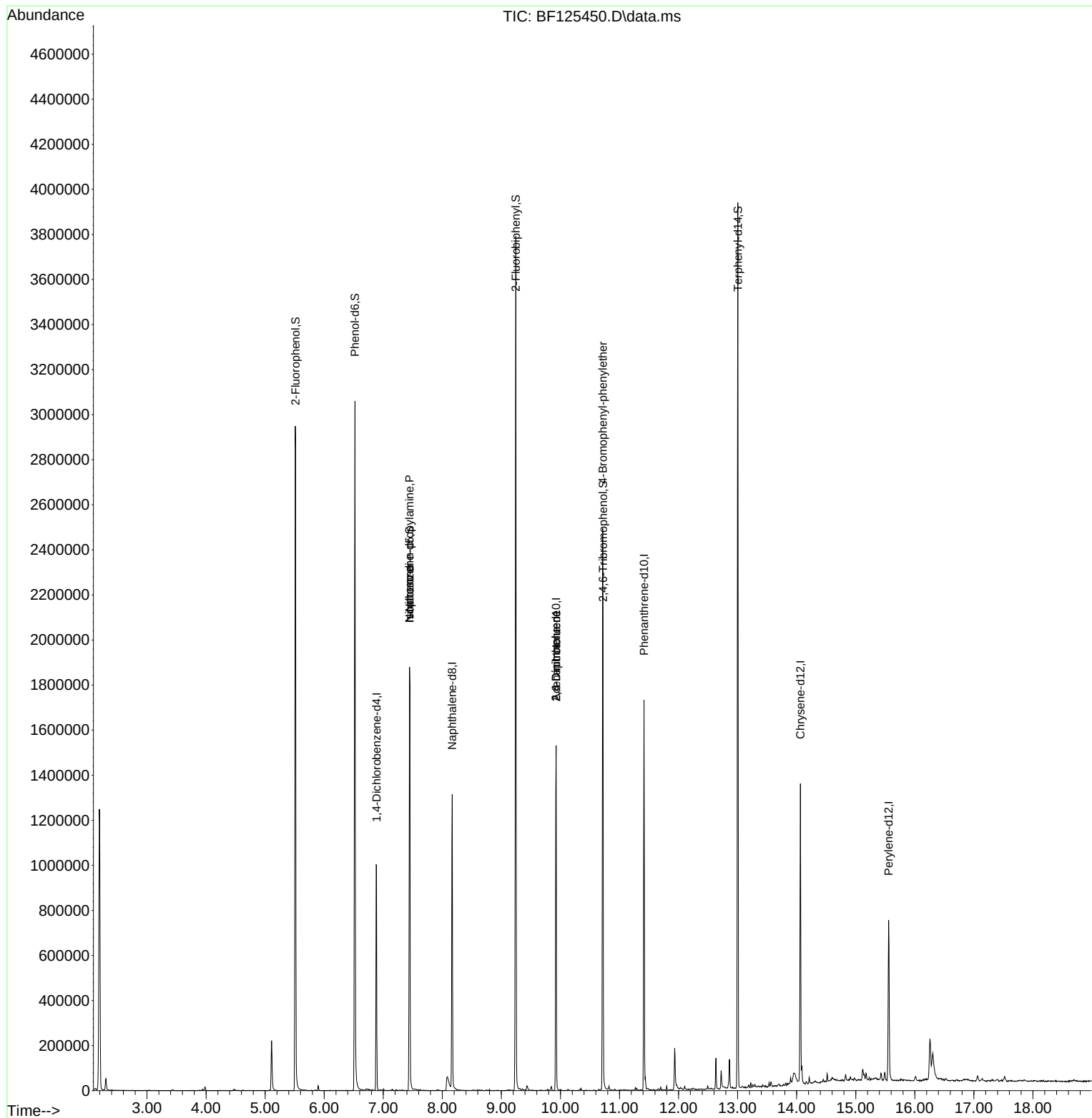
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	156113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	601892	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	325627	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	613778	20.000	ng	0.00
76) Chrysene-d12	14.063	240	433952	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	324929	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	814067	78.928	ng	0.00
7) Phenol-d6	6.522	99	1012938	75.936	ng	-0.01
23) Nitrobenzene-d5	7.445	82	674669	56.431	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	326447	100.430	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1199242	51.329	ng	0.00
79) Terphenyl-d14	13.004	244	1347382	49.464	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	91737	11.434	ng	# 56
25) Isophorone	7.445	82	670013	29.050	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	41414	8.464	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	41414	6.993	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	20835	2.827	ng	# 1

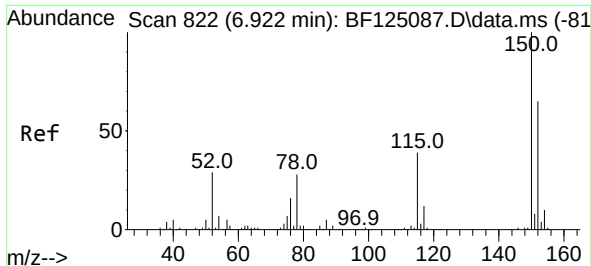
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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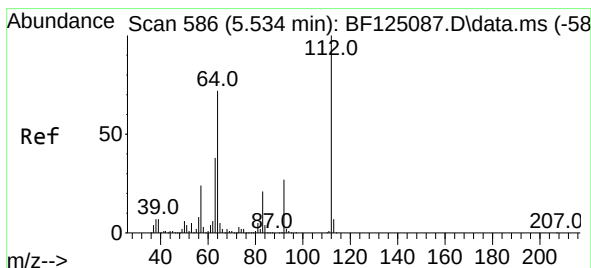
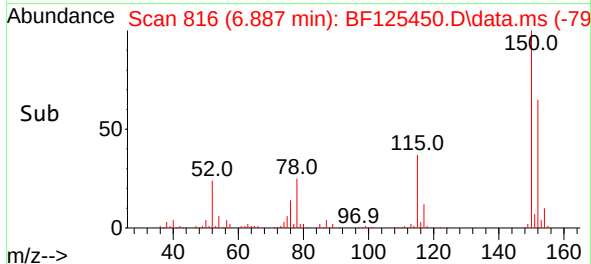
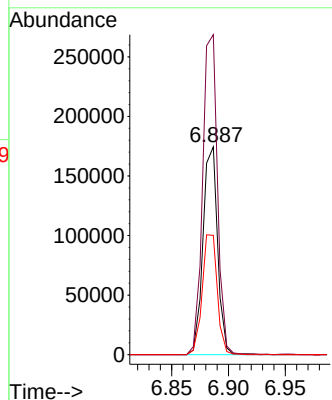
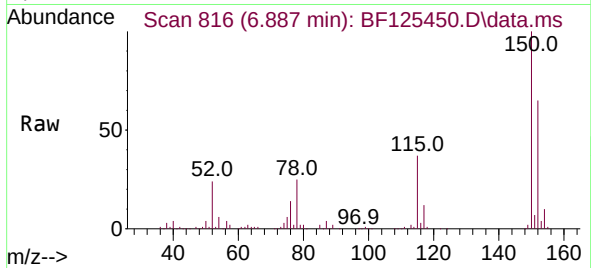




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

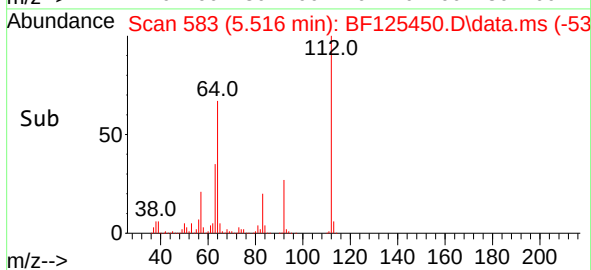
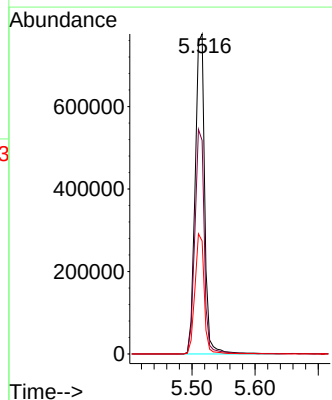
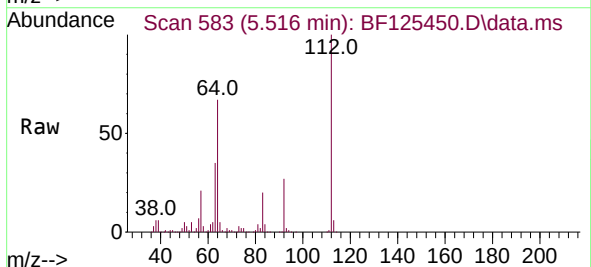
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BNA_F
ClientSampleId :
A008015

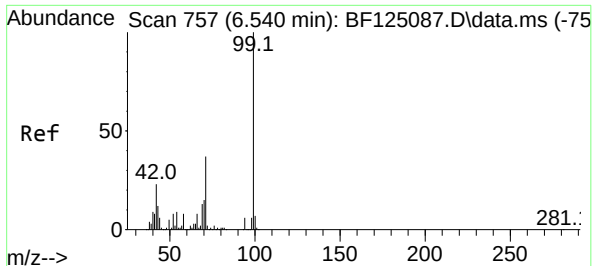
Tgt Ion:152 Resp: 156113
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 78.928 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:112 Resp: 814067
Ion Ratio Lower Upper
112 100
64 66.7 44.2 66.2#
63 35.3 26.2 39.2

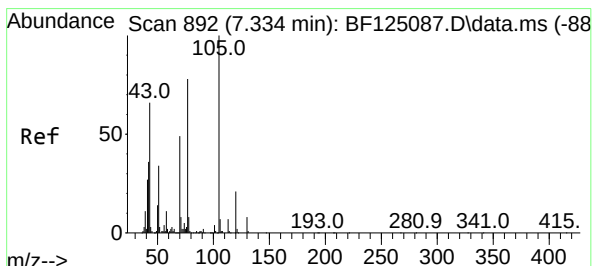
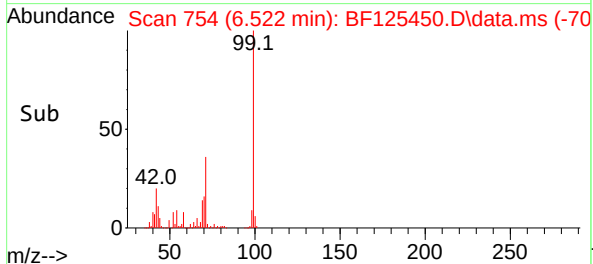
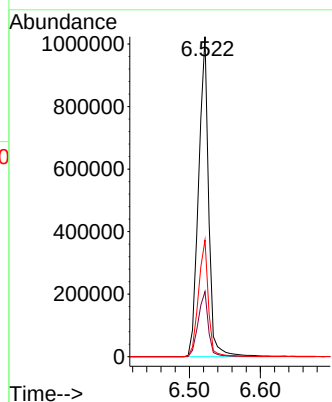
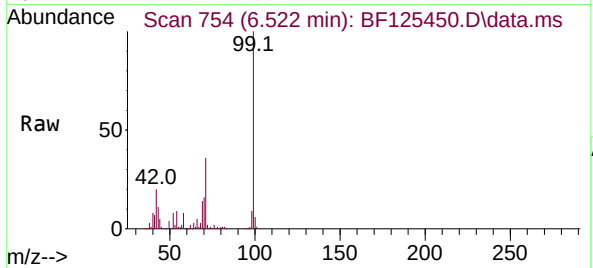




#7
Phenol-d6
Concen: 75.936 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

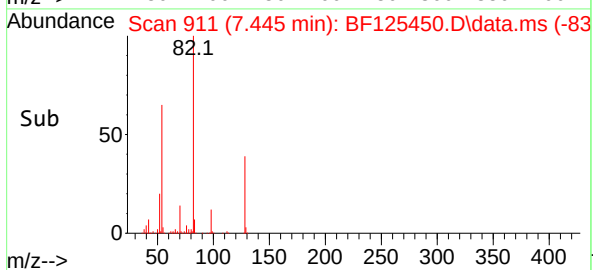
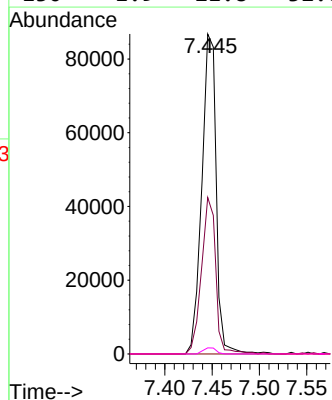
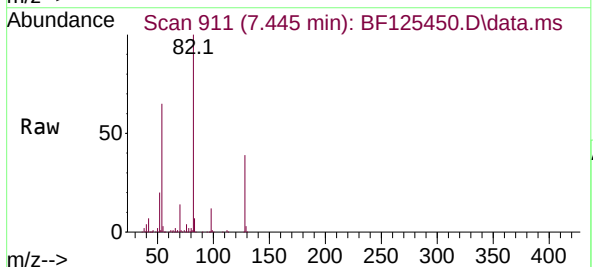
Instrument :
BNA_F
ClientSampleId :
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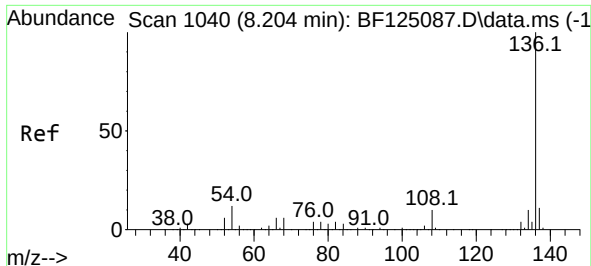
Tgt Ion: 99 Resp: 1012938
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 36.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.434 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion: 70 Resp: 91737
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

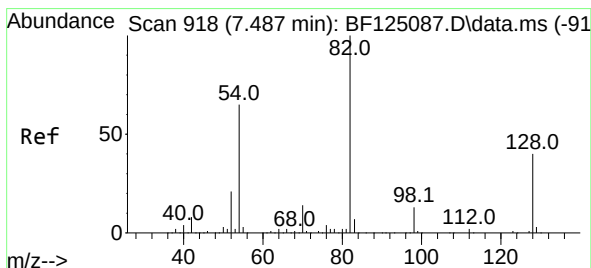
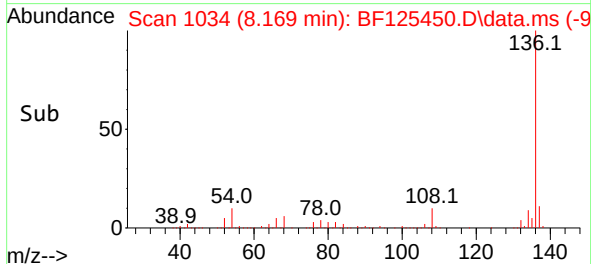
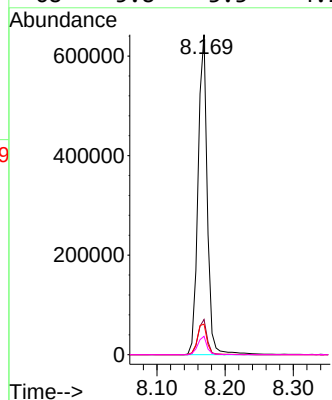
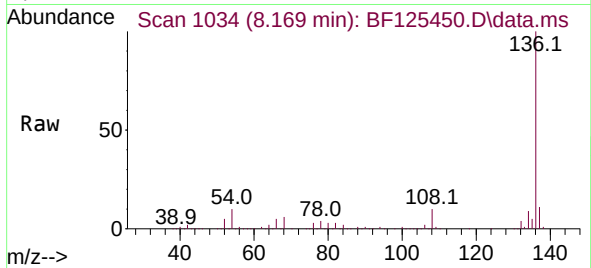




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

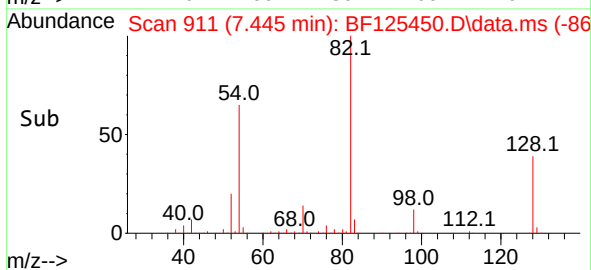
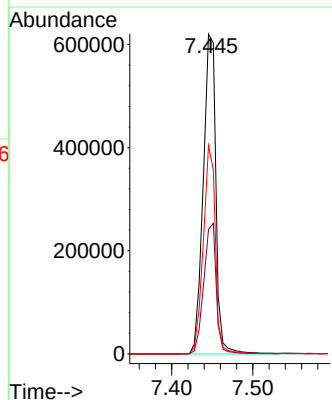
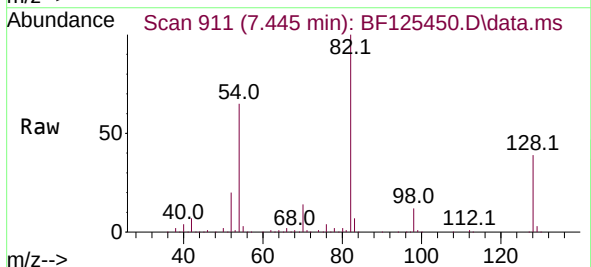
Instrument :
BNA_F
ClientSampleId :
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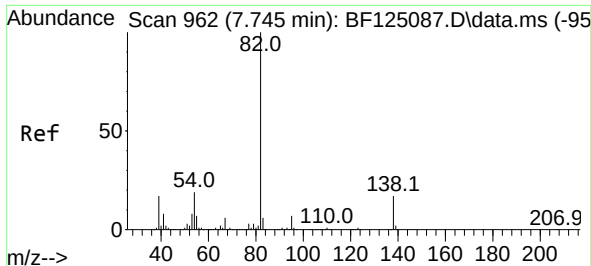
Tgt Ion:	136	Resp:	601892
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	9.5	6.4	9.6
68	5.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 56.431 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:	82	Resp:	674669
Ion Ratio	Lower	Upper	
82	100		
128	38.9	40.6	60.8
54	65.1	49.6	74.4

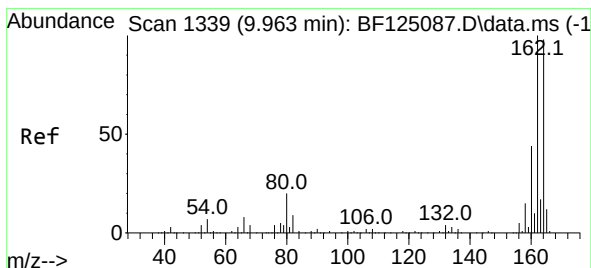
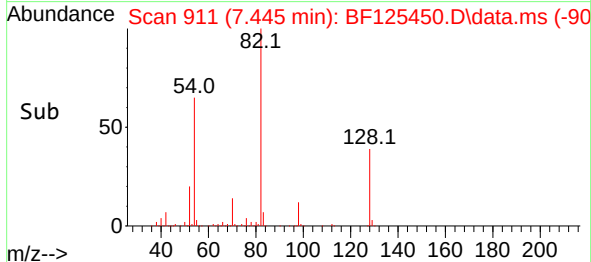
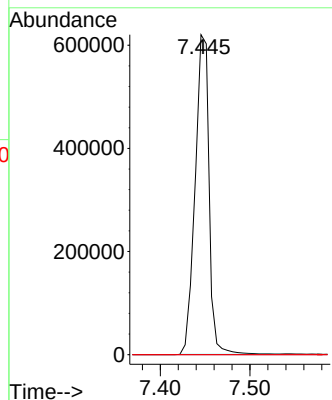
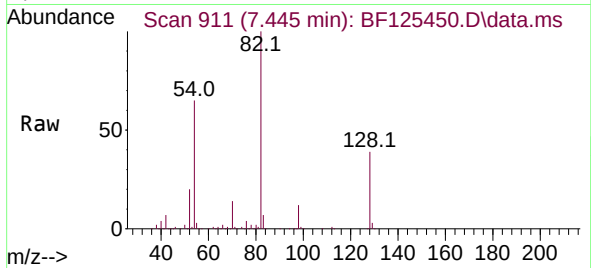




#25
Isophorone
Concen: 29.050 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.270 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

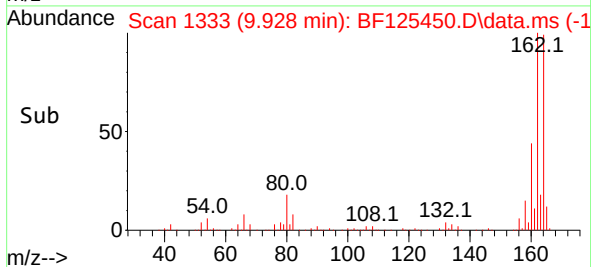
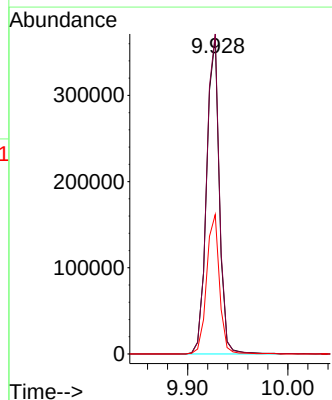
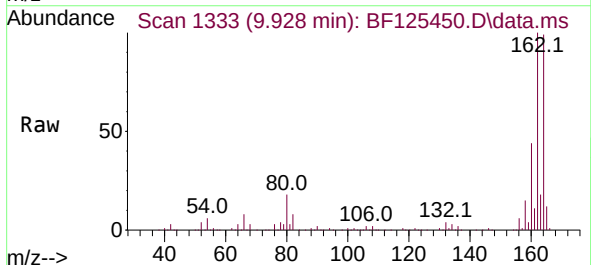
Instrument :
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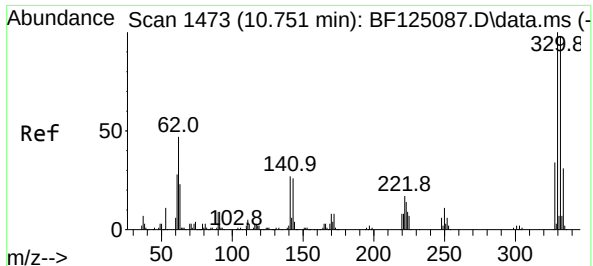
Tgt Ion: 82 Resp: 670013
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion: 164 Resp: 325627
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.0 38.0 57.0

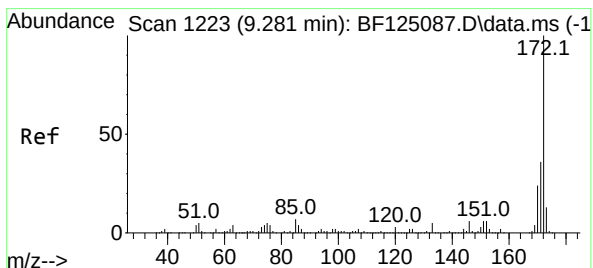
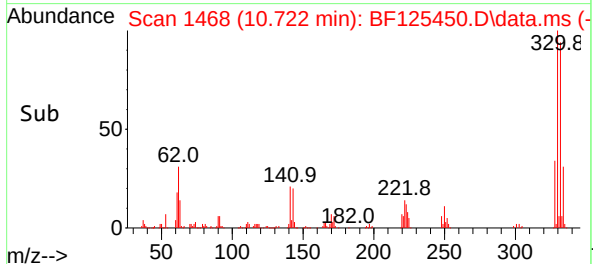
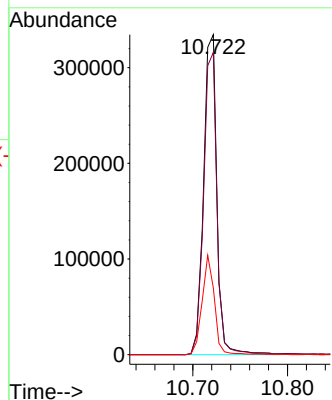
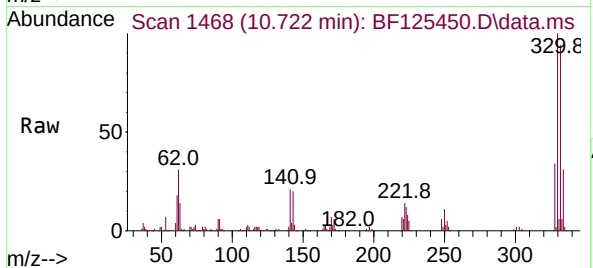




#42
2,4,6-Tribromophenol
Concen: 100.430 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

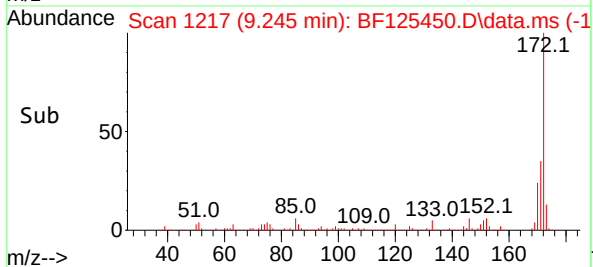
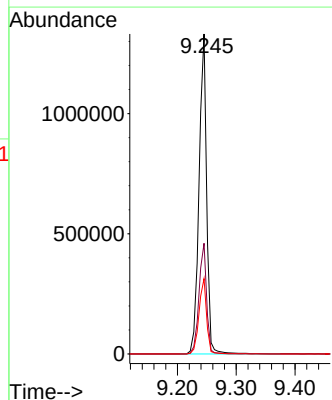
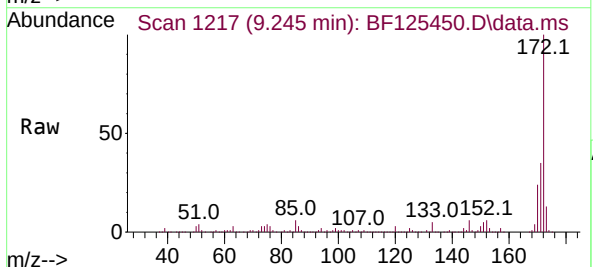
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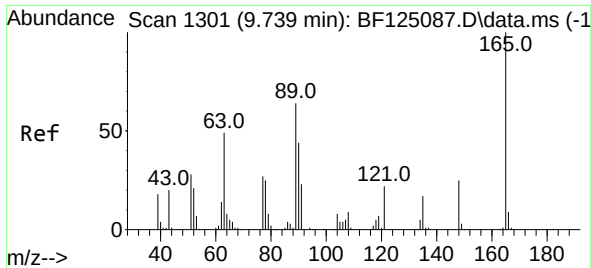
Tgt Ion:330 Resp: 326447
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 29.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.329 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:172 Resp: 1199242
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.6 18.8 28.2

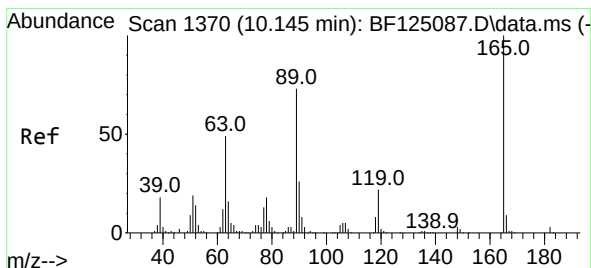
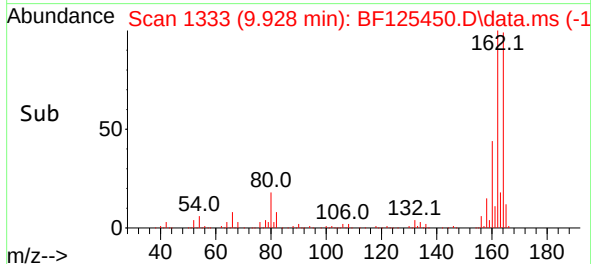
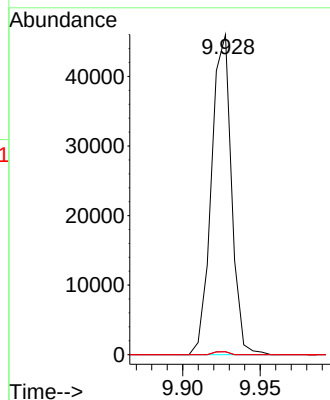
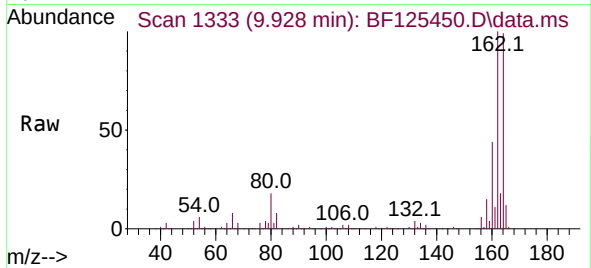




#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

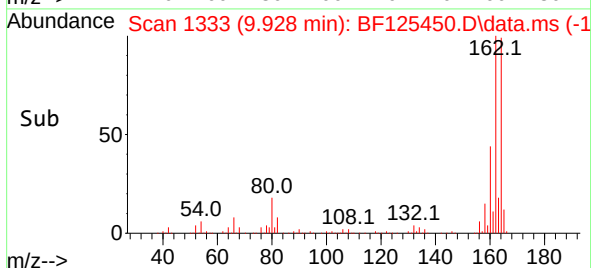
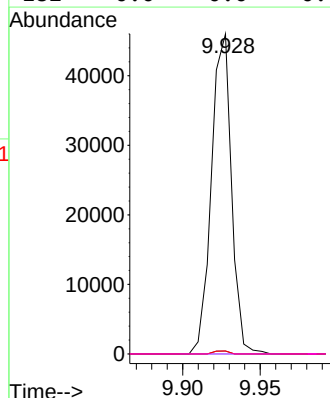
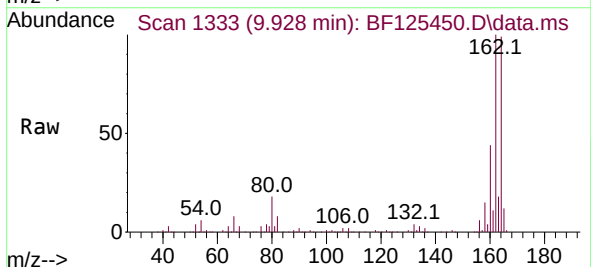
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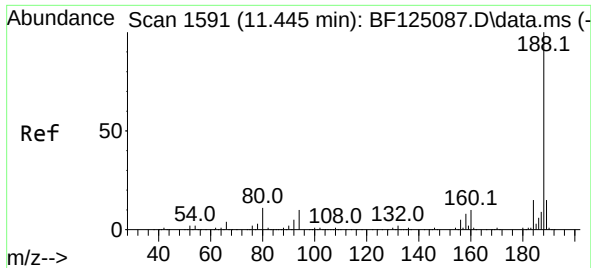
Tgt Ion:165 Resp: 41414
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.993 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:165 Resp: 41414
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

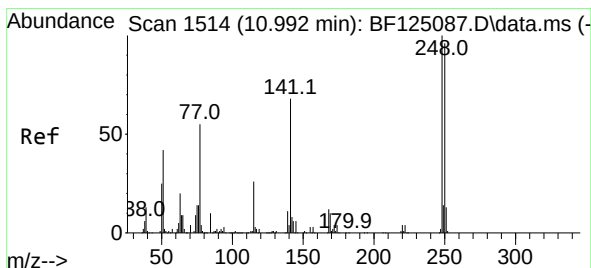
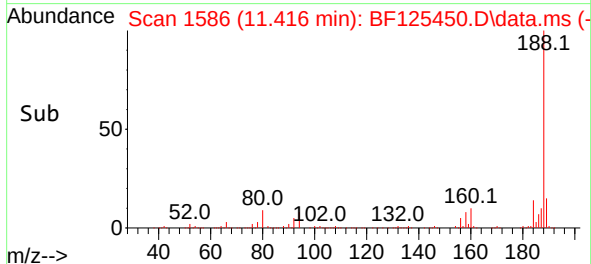
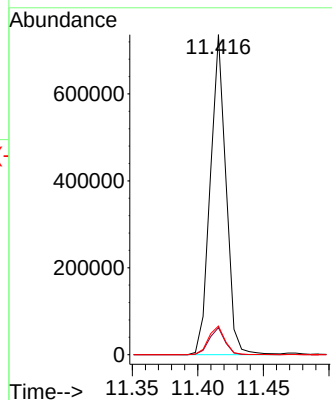
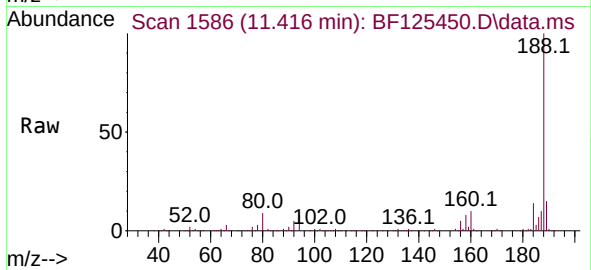




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

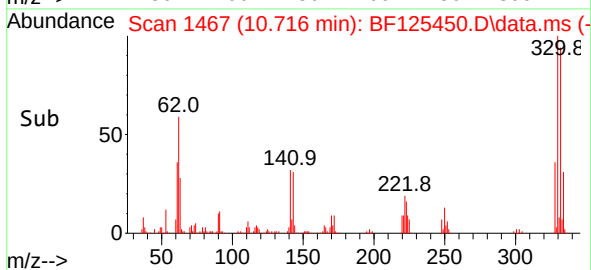
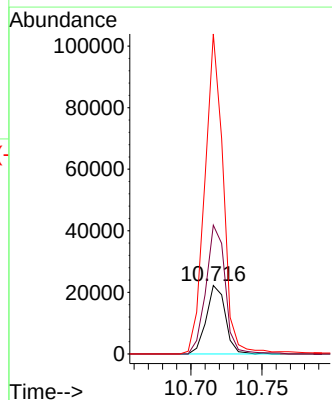
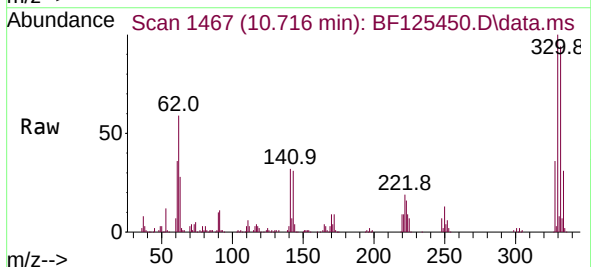
Instrument :
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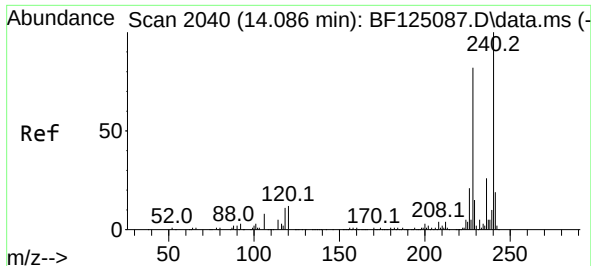
Tgt Ion:188 Resp: 613778
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:248 Resp: 20835
Ion Ratio Lower Upper
248 100
250 188.1 74.2 111.4#
141 467.0 60.4 90.6#

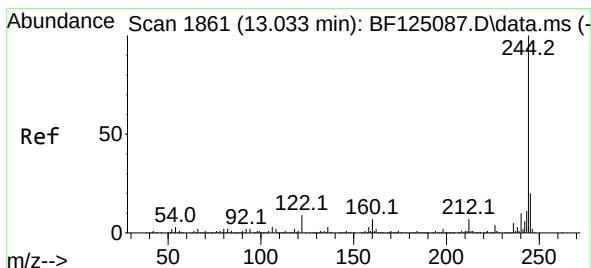
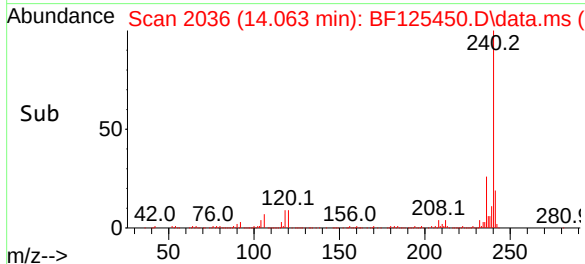
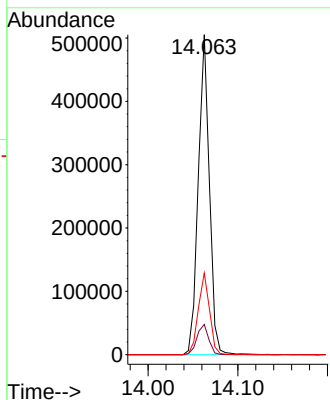
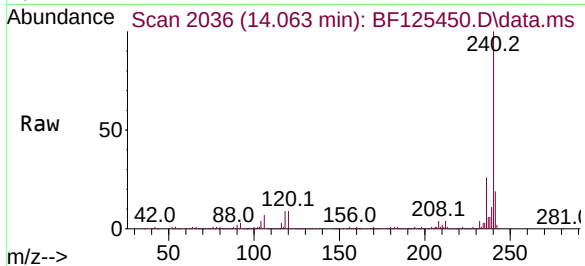




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

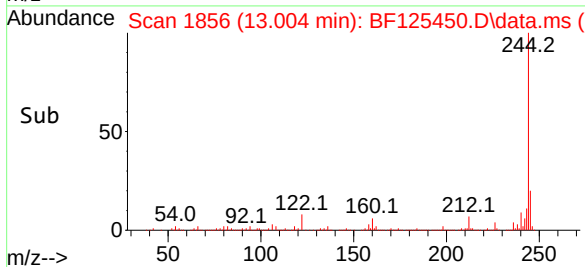
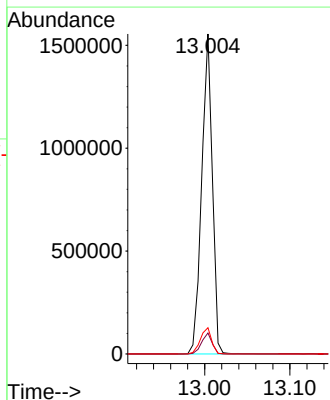
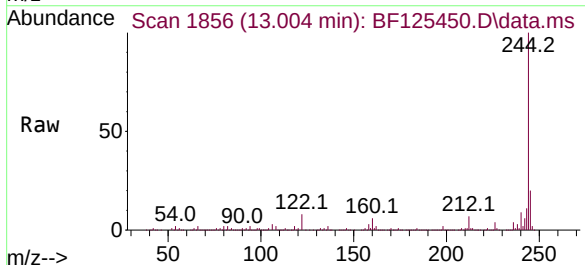
Instrument :
BNA_F
ClientSampleId :
A008015

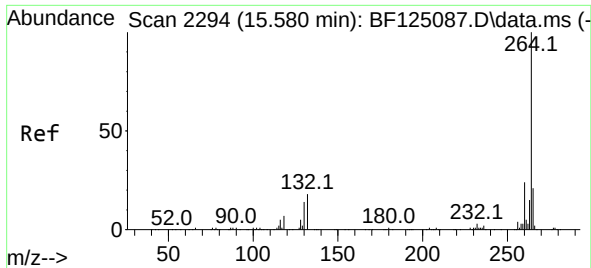
Tgt Ion:240 Resp: 433952
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 49.464 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125450.D
Acq: 13 Sep 2021 18:35

Tgt Ion:244 Resp: 1347382
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF125450.D
 Acq: 13 Sep 2021 18:35

Instrument :
 BNA_F
 ClientSampleId :
 A008015

Tgt Ion:	264	Resp:	324929
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.6	29.4
265	21.5	17.2	25.8

