

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125449.D
 Acq On : 13 Sep 2021 18:01
 Operator : JU/CG
 Sample : M3684-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A019145

Quant Time: Sep 14 03:29:46 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)

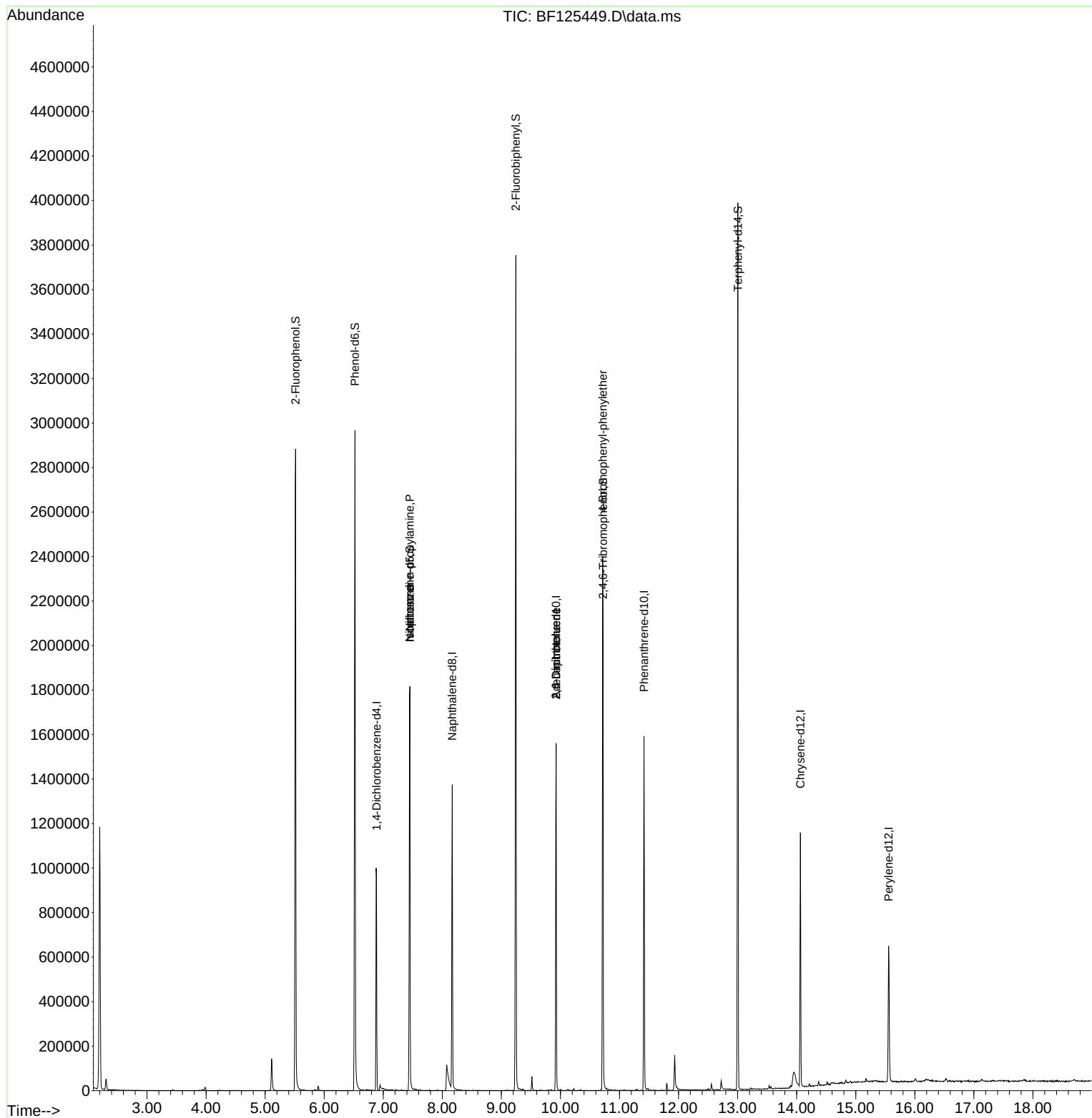
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	152089	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	598058	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	314568	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	580684	20.000	ng	0.00
76) Chrysene-d12	14.063	240	394129	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	287913	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	778609	77.488	ng	0.00
7) Phenol-d6	6.522	99	978701	75.311	ng	-0.01
23) Nitrobenzene-d5	7.451	82	641597	54.009	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	316856	100.907	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1161557	51.464	ng	0.00
79) Terphenyl-d14	13.004	244	1361950	55.051	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	87002	11.130	ng	# 53
25) Isophorone	7.451	82	637910	27.836	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	41059	8.686	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	41059	7.177	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	20007	2.869	ng	# 1

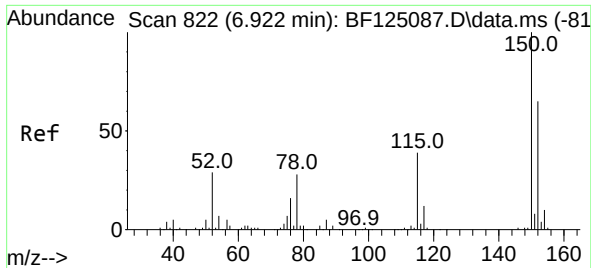
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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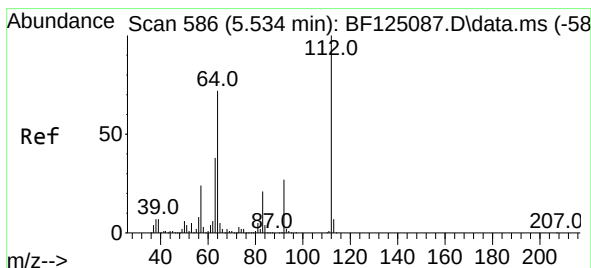
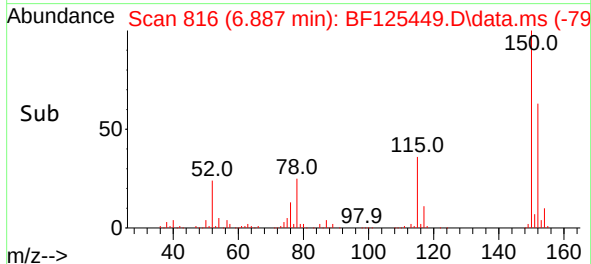
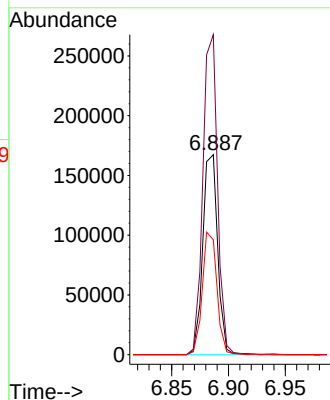
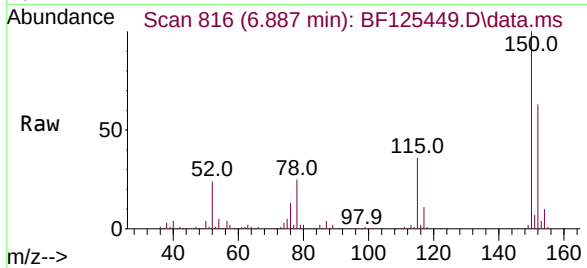




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

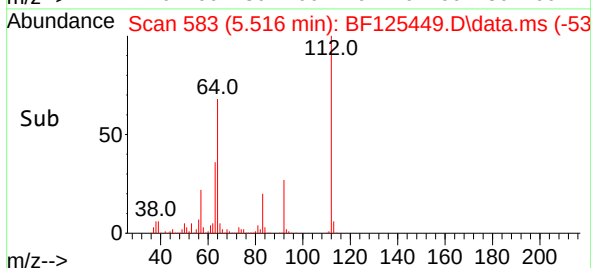
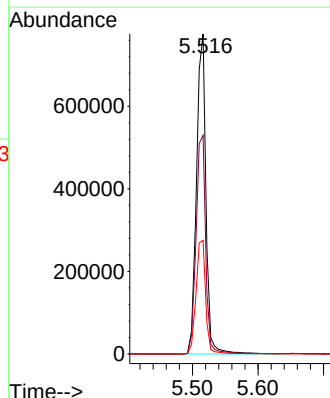
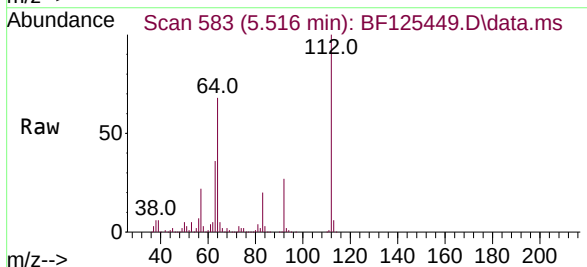
Instrument :
BNA_F
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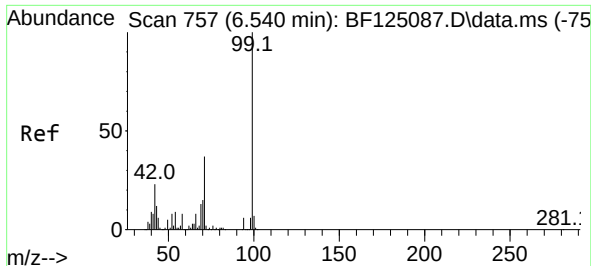
Tgt Ion:152 Resp: 152089
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 77.488 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion:112 Resp: 778609
Ion Ratio Lower Upper
112 100
64 68.3 44.2 66.2#
63 35.5 26.2 39.2

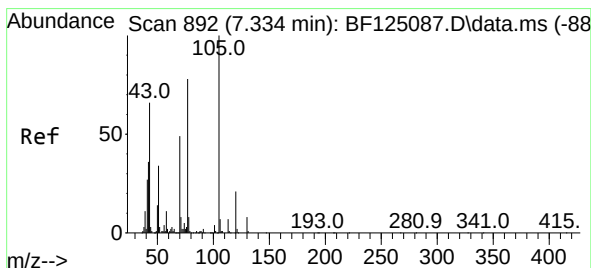
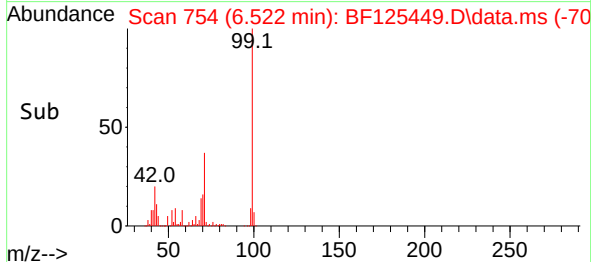
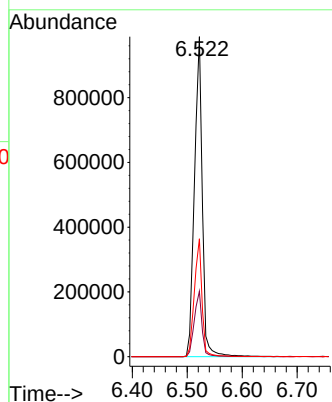
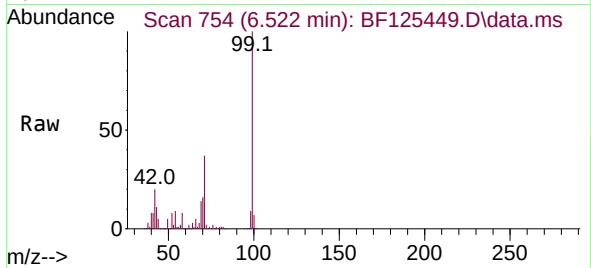




#7
Phenol-d6
Concen: 75.311 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

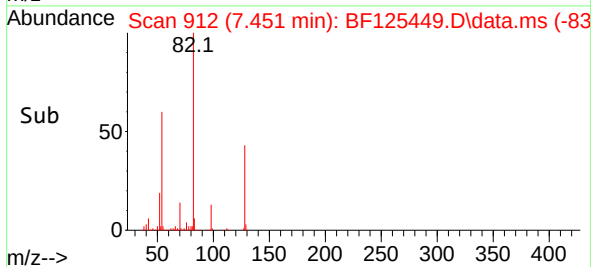
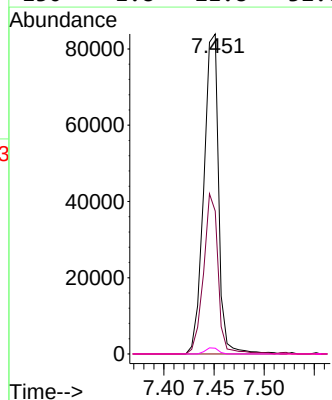
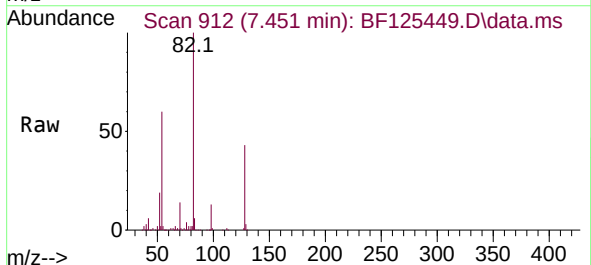
Instrument :
BNA_F
ClientSampleId :
A019145

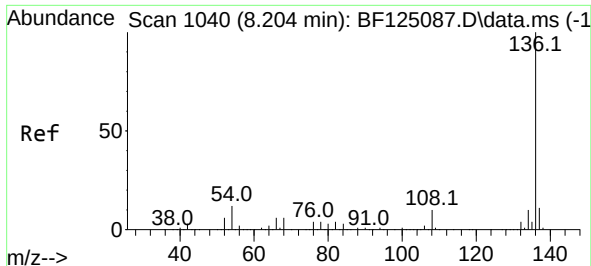
Tgt Ion: 99 Resp: 978701
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 36.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.130 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion: 70 Resp: 87002
Ion Ratio Lower Upper
70 100
42 44.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

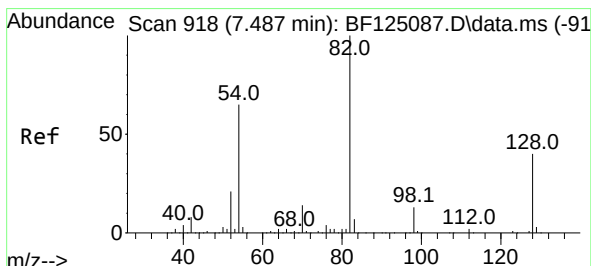
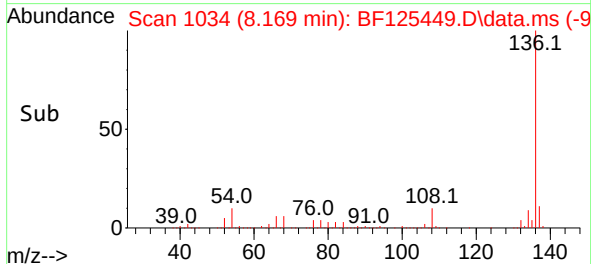
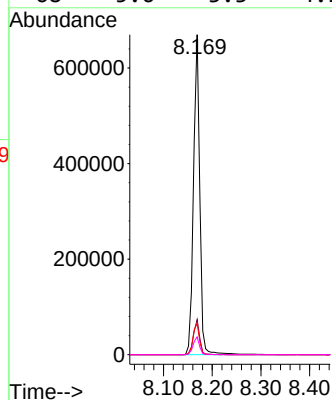
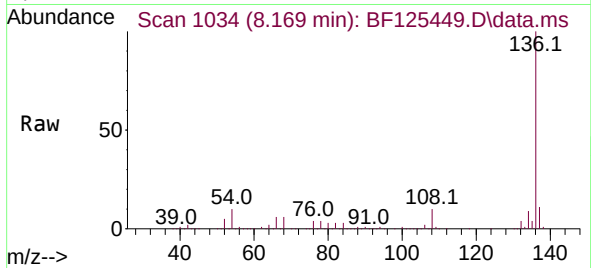




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

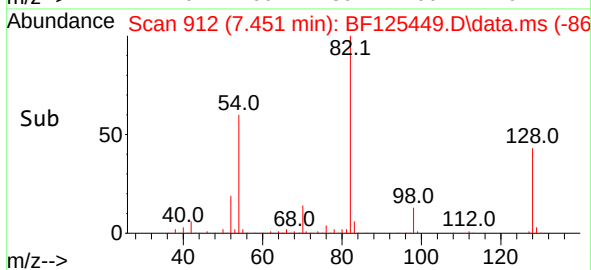
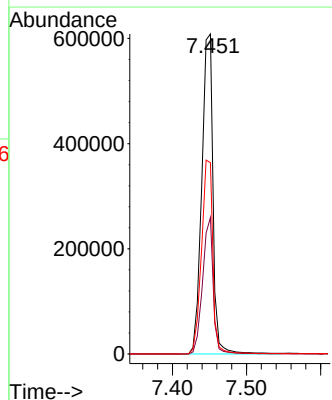
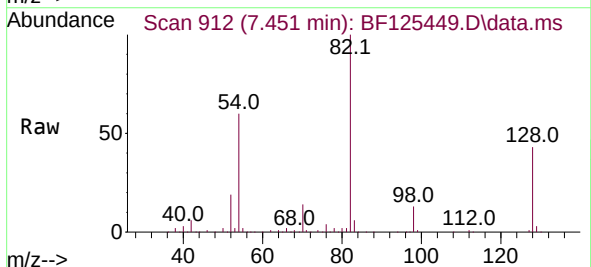
Instrument :
BNA_F
ClientSampleId :
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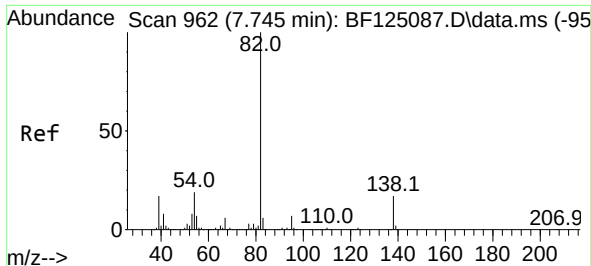
Tgt Ion:136 Resp: 598058
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 54.009 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion: 82 Resp: 641597
Ion Ratio Lower Upper
82 100
128 42.6 40.6 60.8
54 59.8 49.6 74.4

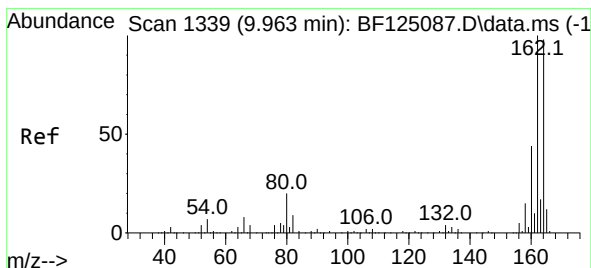
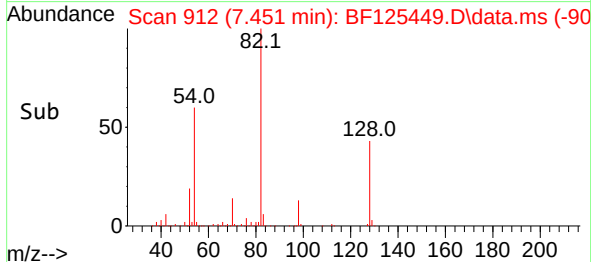
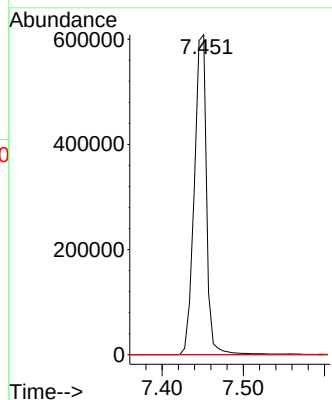
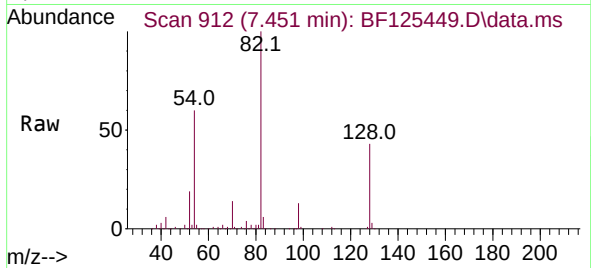




#25
Isophorone
Concen: 27.836 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

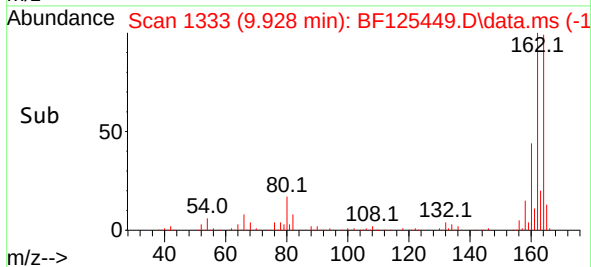
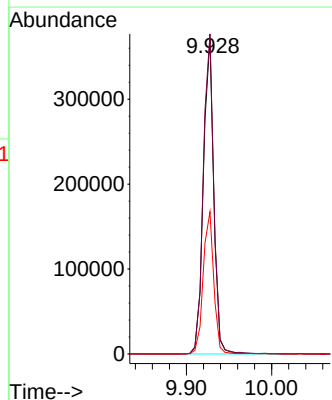
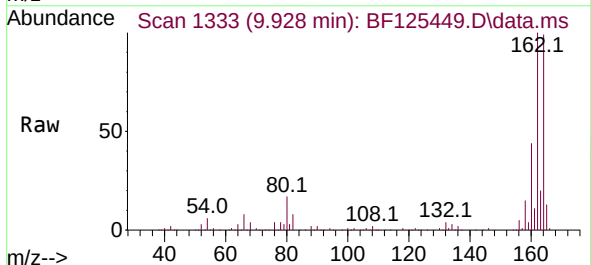
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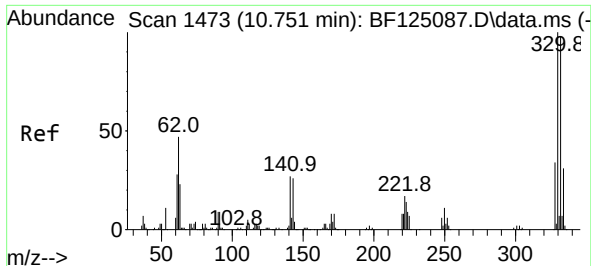
Tgt Ion: 82 Resp: 637910
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion:164 Resp: 314568
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.1 38.0 57.0

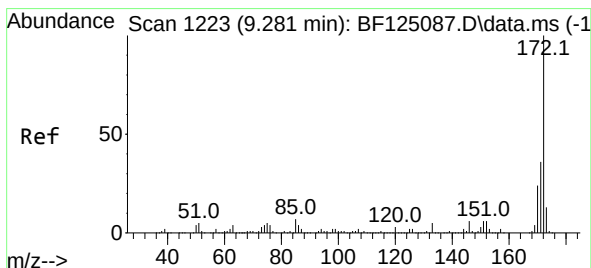
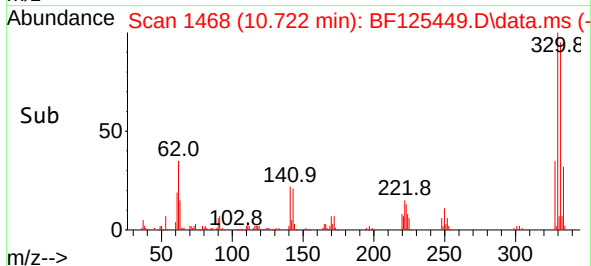
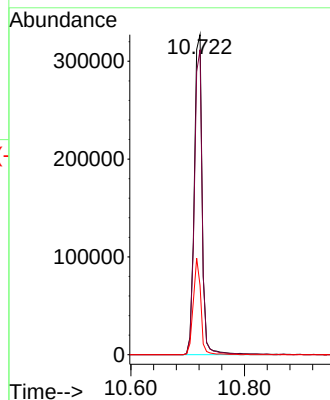
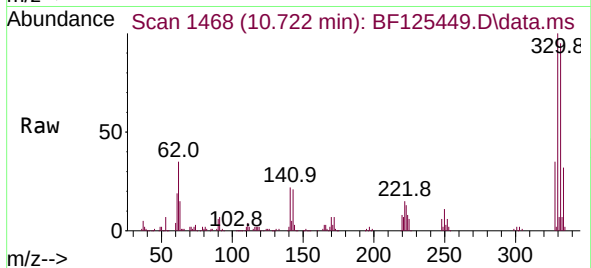




#42
2,4,6-Tribromophenol
Concen: 100.907 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

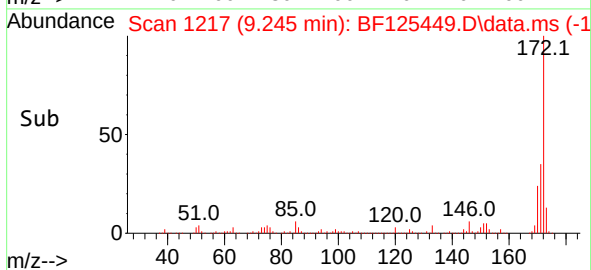
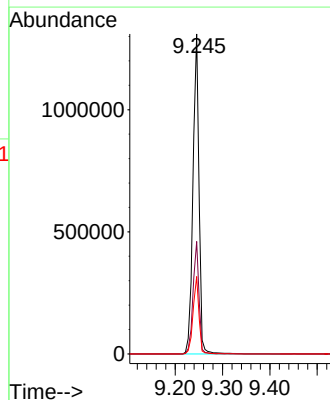
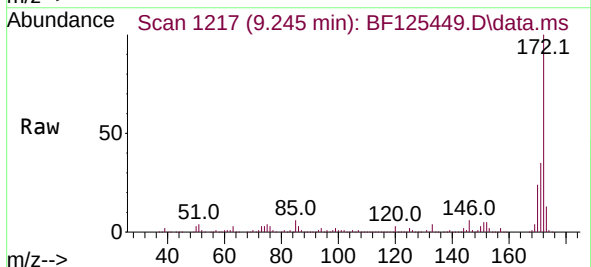
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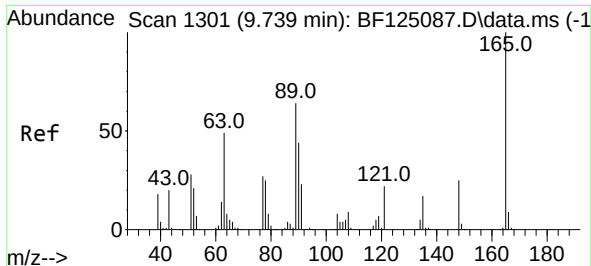
Tgt Ion: 330 Resp: 316856
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.464 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion: 172 Resp: 1161557
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.2 18.8 28.2

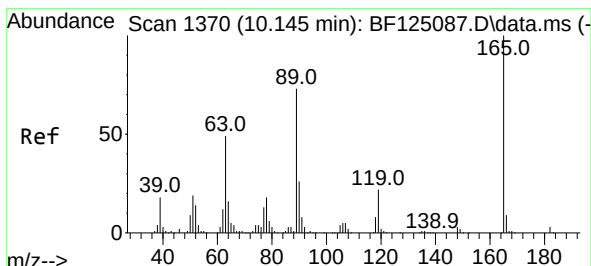
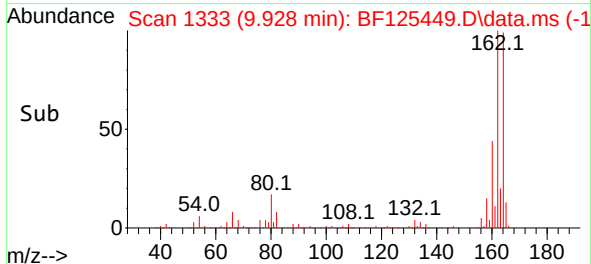
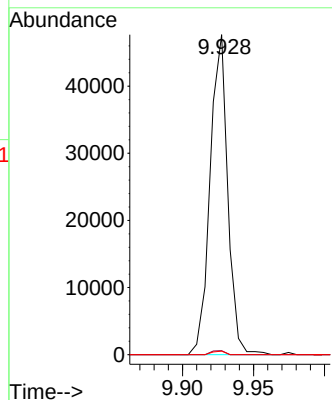
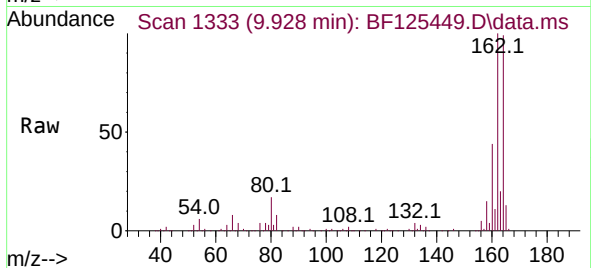




#51
2,6-Dinitrotoluene
Concen: 8.686 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

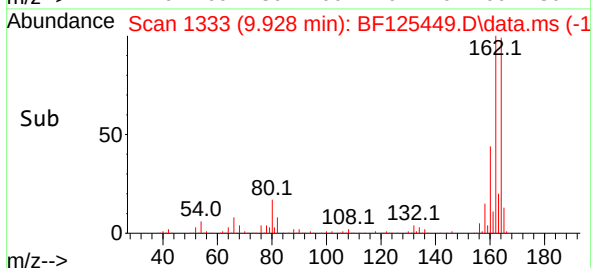
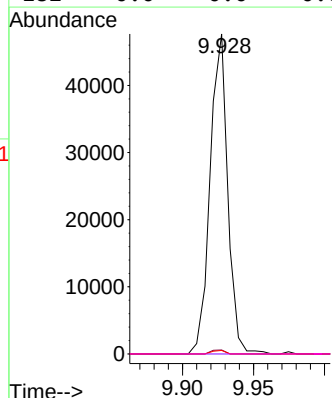
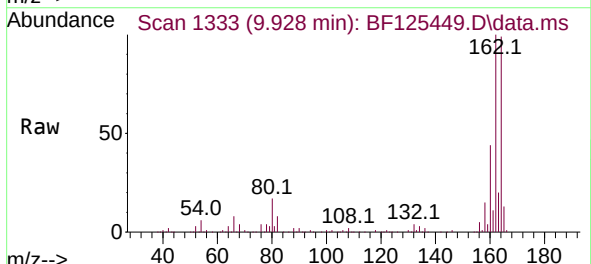
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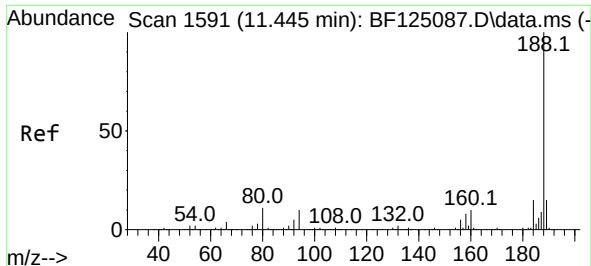
Tgt Ion:165 Resp: 41059
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.177 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion:165 Resp: 41059
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

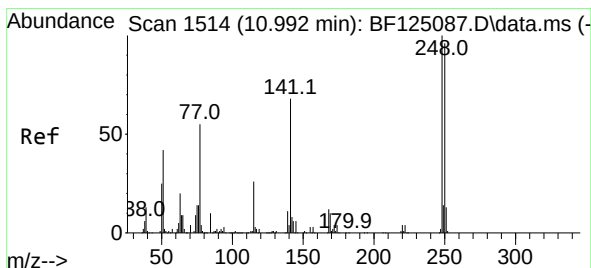
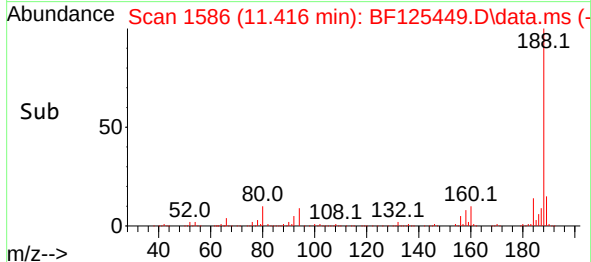
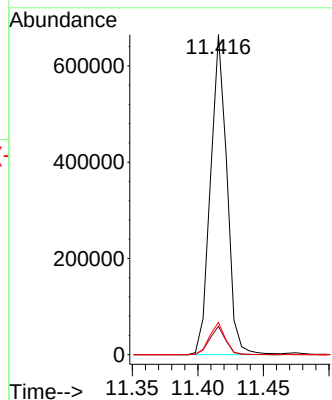
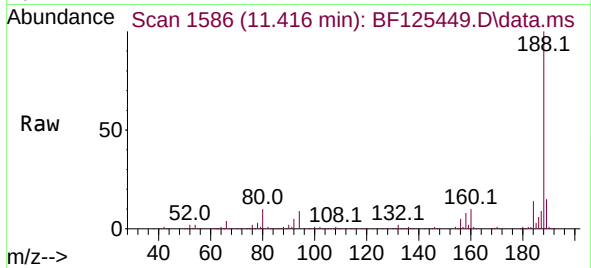




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

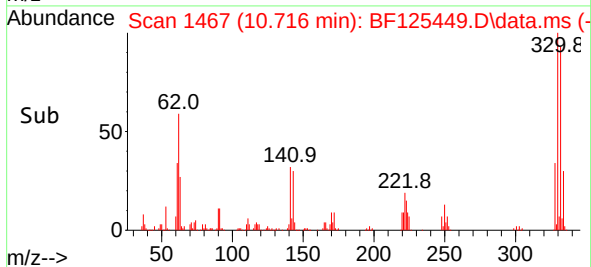
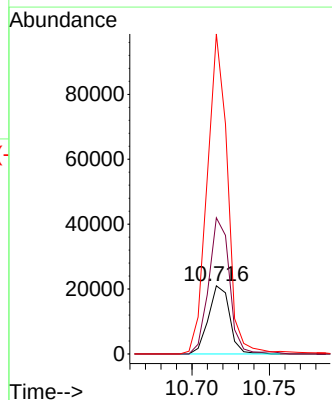
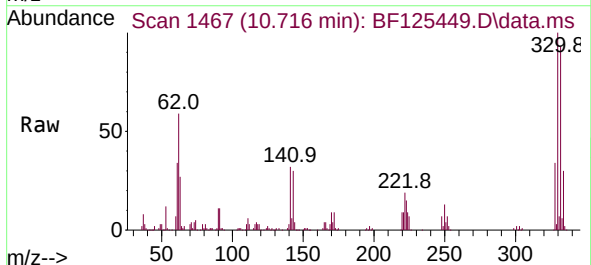
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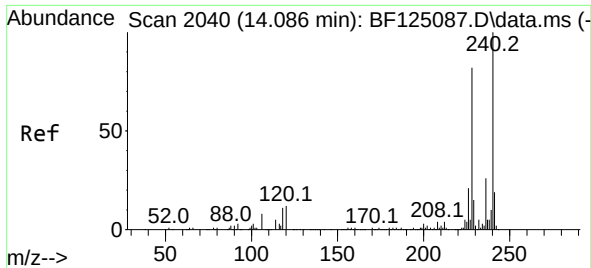
Tgt Ion:188 Resp: 580684
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion:248 Resp: 20007
Ion Ratio Lower Upper
248 100
250 199.8 74.2 111.4#
141 469.4 60.4 90.6#

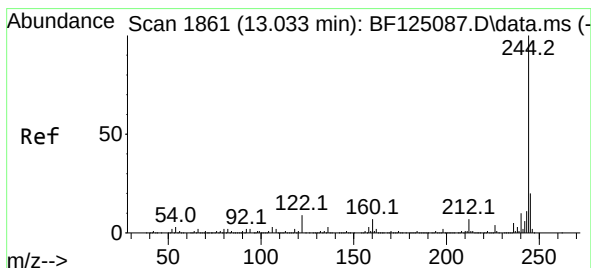
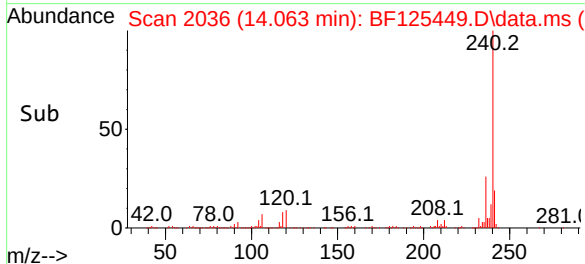
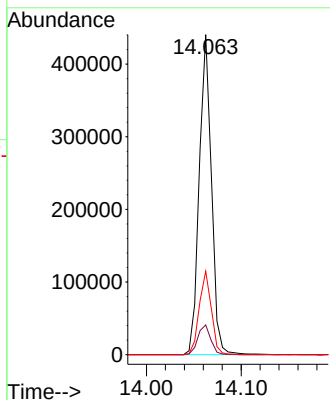
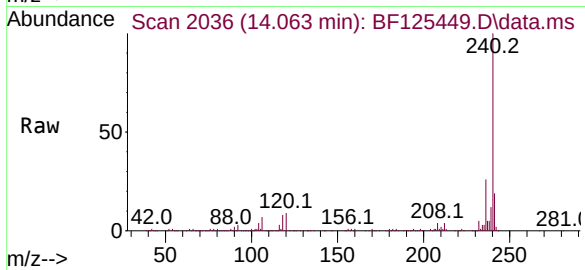




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

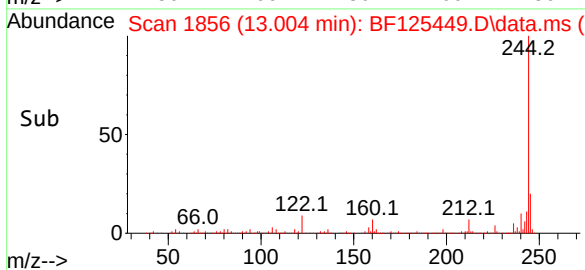
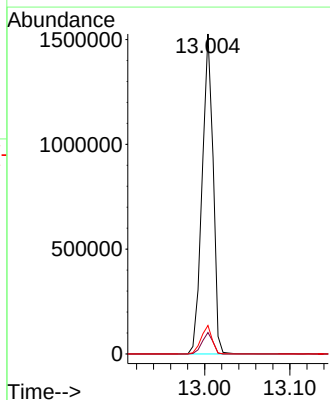
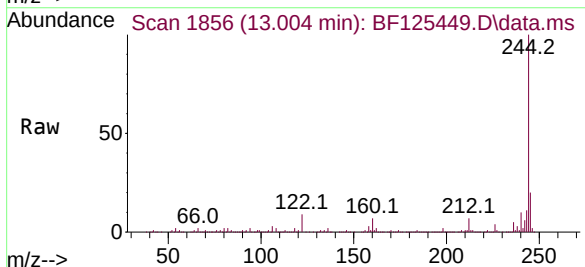
Instrument :
BNA_F
ClientSampled :
A019145

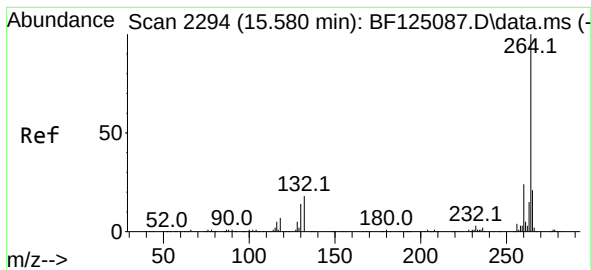
Tgt Ion:240 Resp: 394129
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 55.051 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125449.D
Acq: 13 Sep 2021 18:01

Tgt Ion:244 Resp: 1361950
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.9 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: BF125449.D
Acq: 13 Sep 2021 18:01

Instrument :
BNA_F
ClientSampleId :
A019145

Tgt Ion:264 Resp: 287913

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.6	17.2	25.8

