

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125369.D
 Acq On : 4 Sep 2021 15:07
 Operator : JU/CG
 Sample : M3648-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211056-SI-COMP-1-MODIFIED-EL

Quant Time: Sep 06 08:28:06 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)

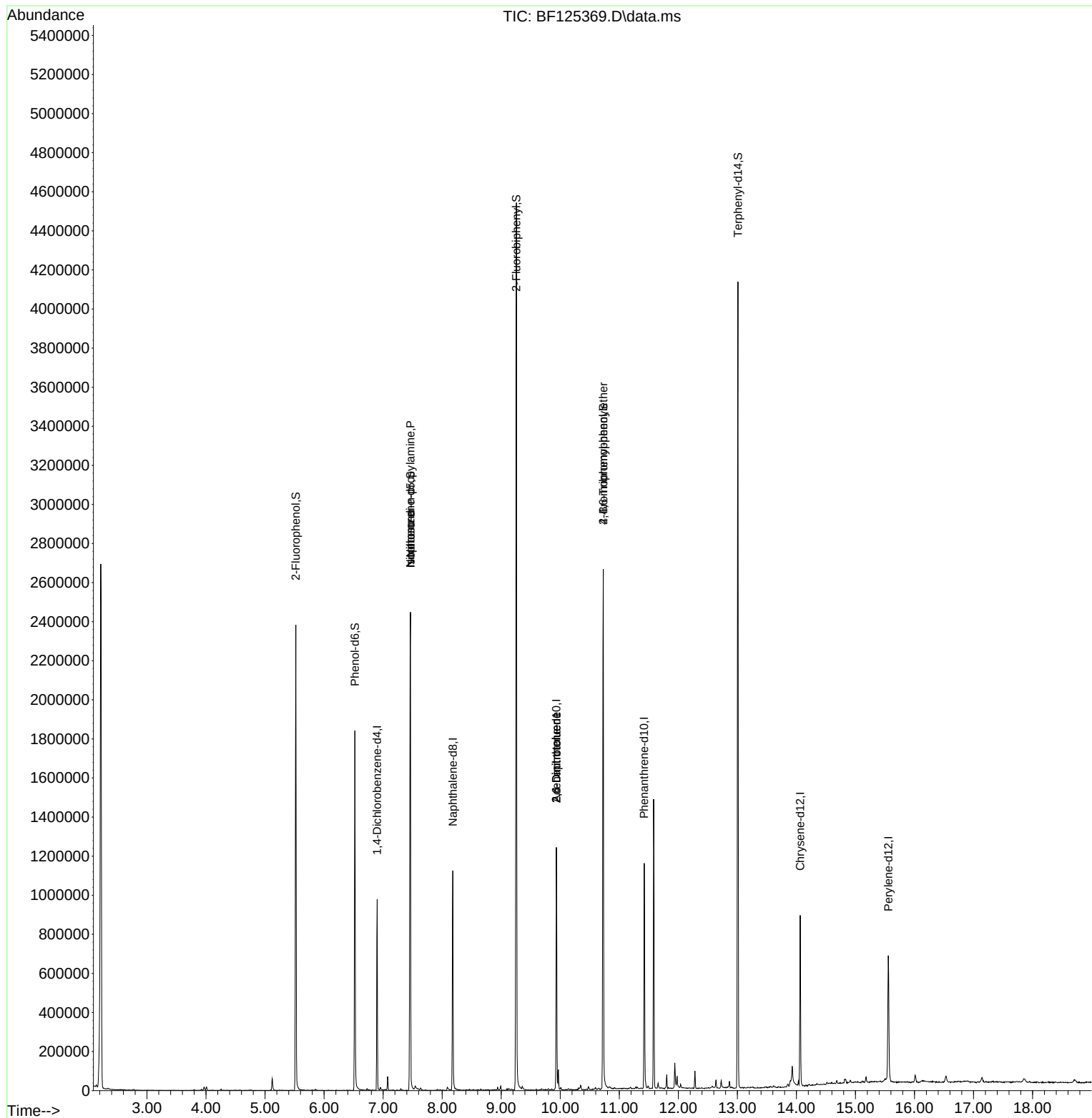
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	134893	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	509832	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	255316	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	424050	20.000	ng	0.00
76) Chrysene-d12	14.062	240	286096	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	302886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	573425	64.343	ng	0.00
7) Phenol-d6	6.522	99	551574	47.854	ng	-0.01
23) Nitrobenzene-d5	7.463	82	849058	83.841	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	350021	137.338	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1478712	80.721	ng	0.00
79) Terphenyl-d14	13.010	244	1457423	81.155	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	114968	16.583	ng	# 56
25) Isophorone	7.463	82	849047	43.460	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	31874	8.308	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	31874	6.865	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	21874	4.296	ng	# 1

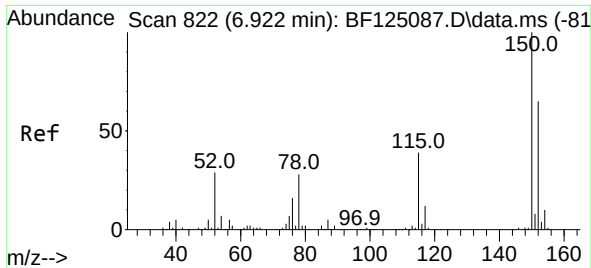
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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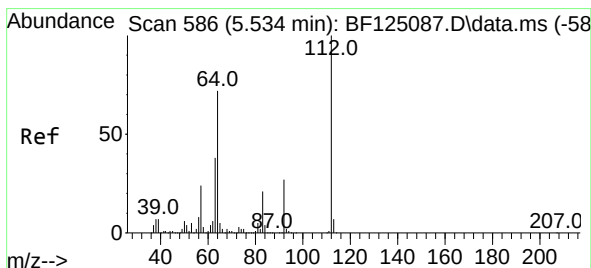
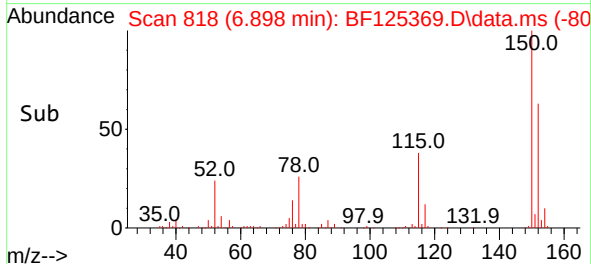
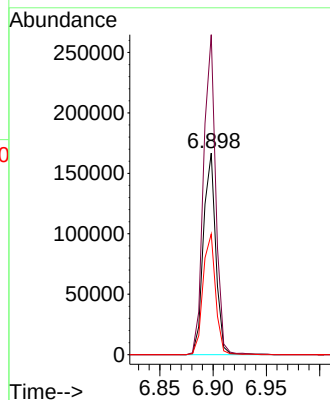
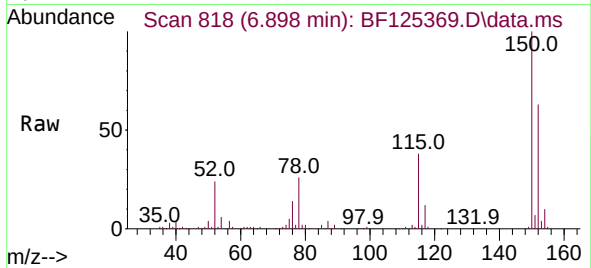




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

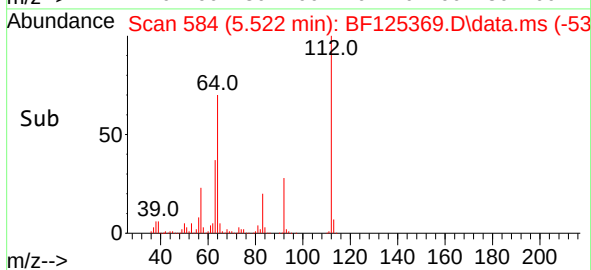
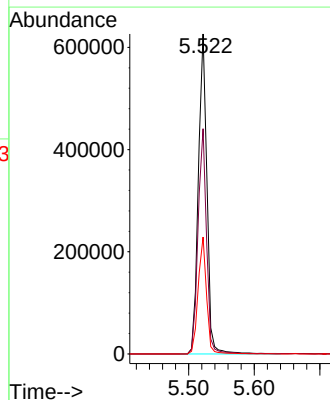
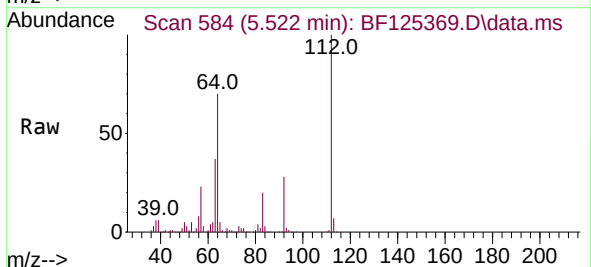
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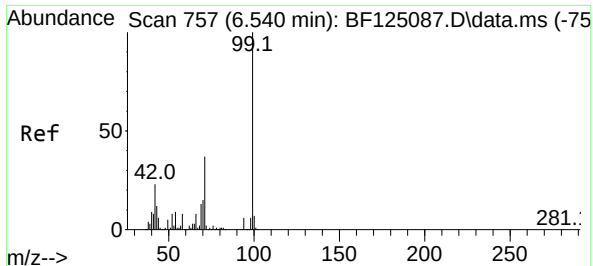
Tgt Ion:152 Resp: 134893
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 64.343 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion:112 Resp: 573425
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 36.6 26.2 39.2

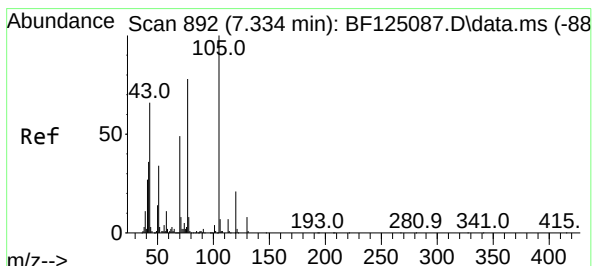
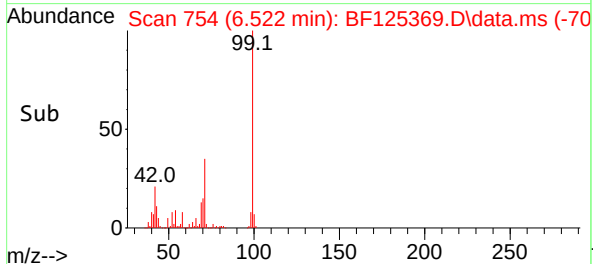
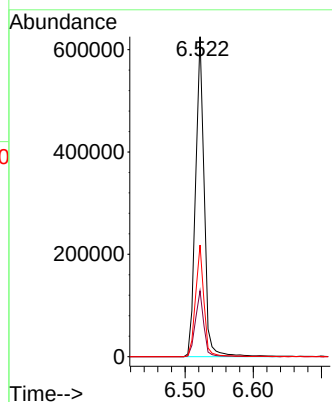
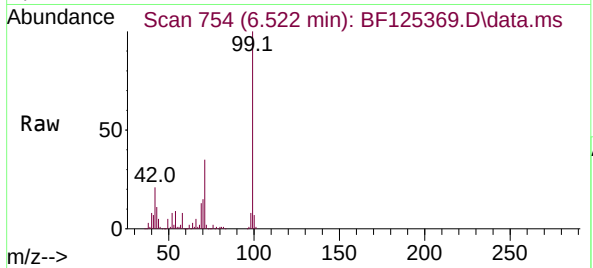




#7
Phenol-d6
Concen: 47.854 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

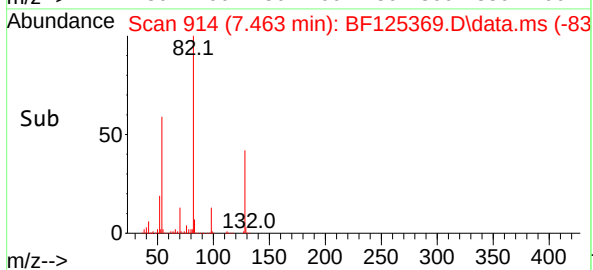
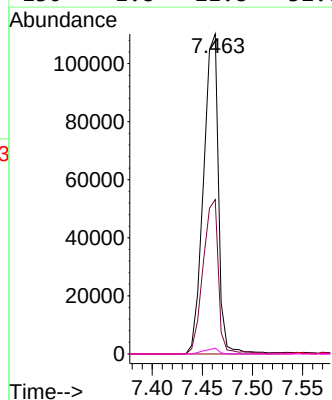
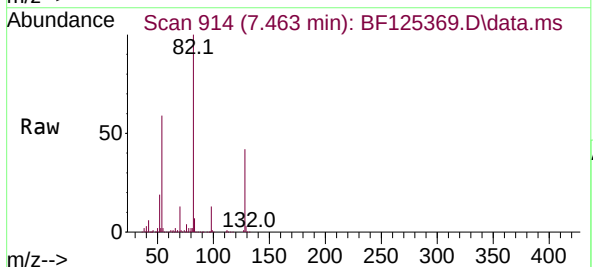
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ClientSampleId :
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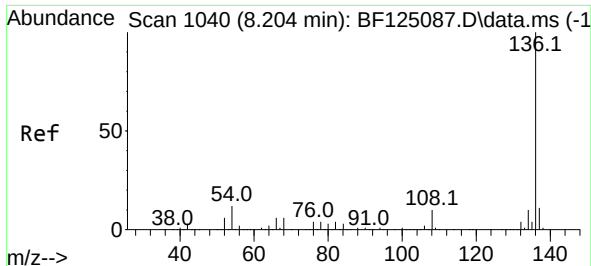
Tgt Ion: 99 Resp: 551574
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.583 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion: 70 Resp: 114968
Ion Ratio Lower Upper
70 100
42 48.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

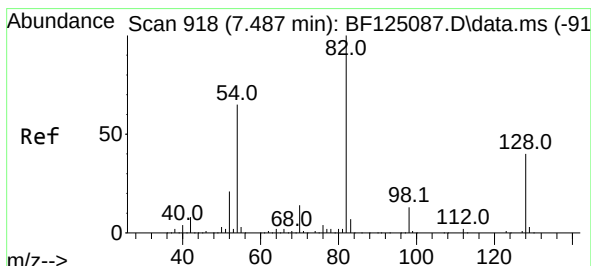
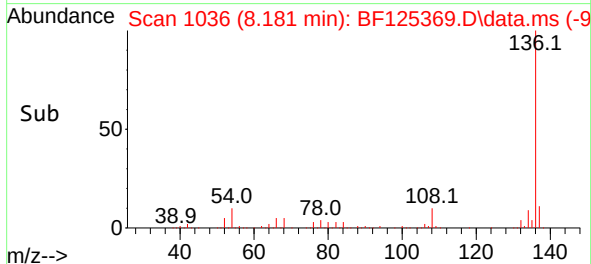
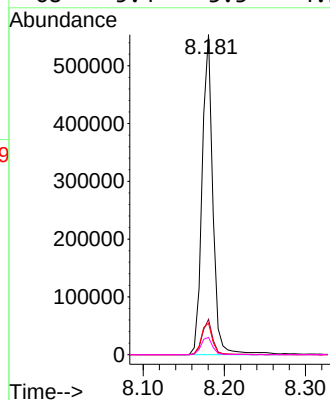
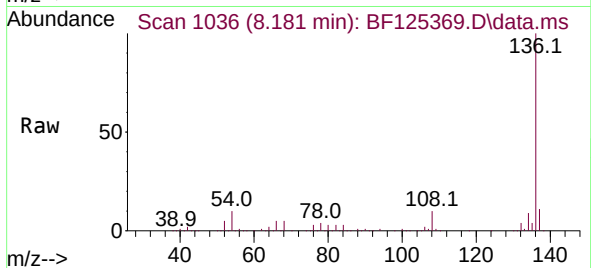




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

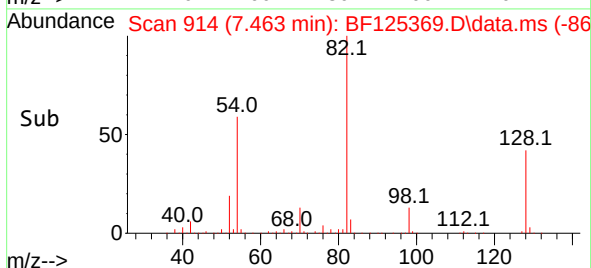
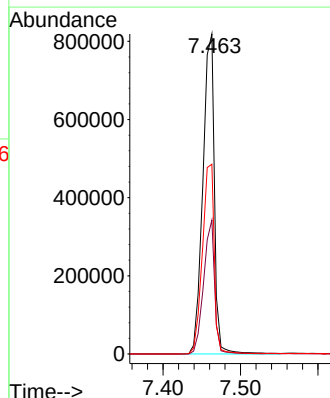
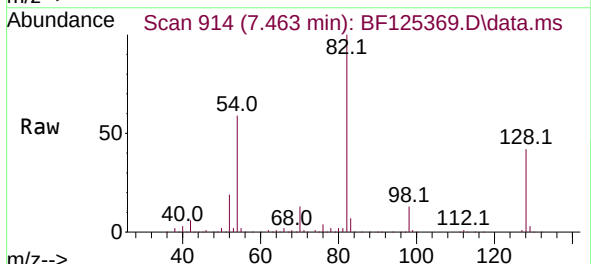
Instrument :
BNA_F
ClientSampleId :
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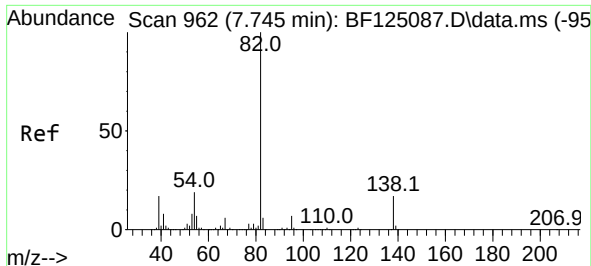
Tgt Ion:136	Resp: 509832
Ion Ratio	Lower Upper
136 100	
137 11.1	9.8 14.6
54 9.8	6.4 9.6#
68 5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.841 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion: 82	Resp: 849058
Ion Ratio	Lower Upper
82 100	
128 41.8	40.6 60.8
54 59.3	49.6 74.4

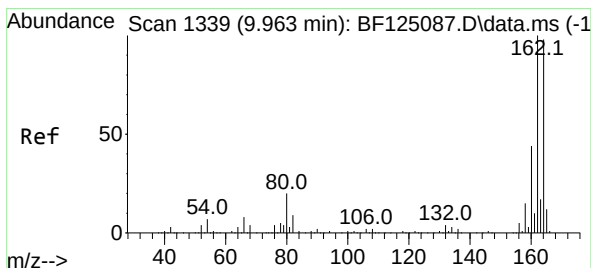
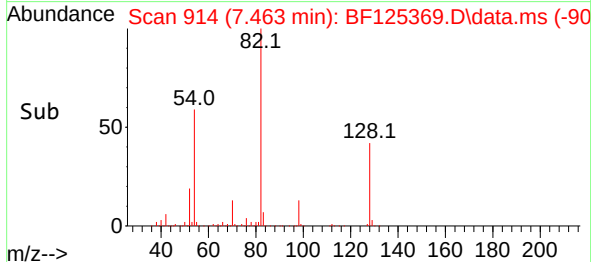
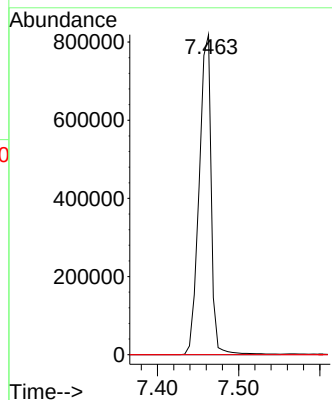
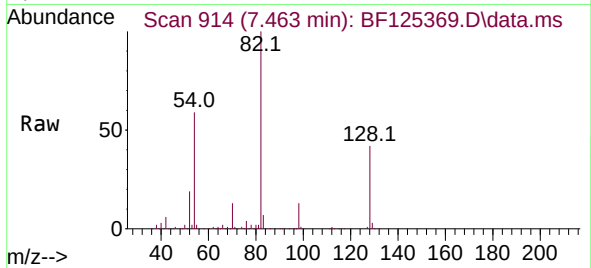




#25
Isophorone
Concen: 43.460 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

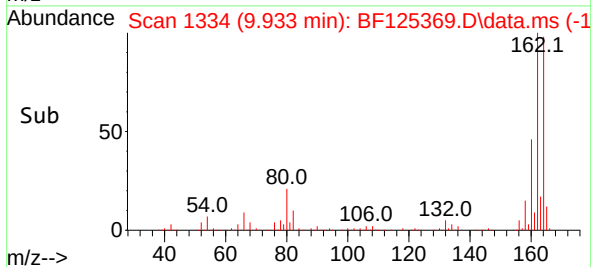
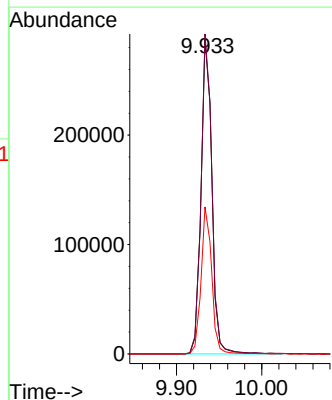
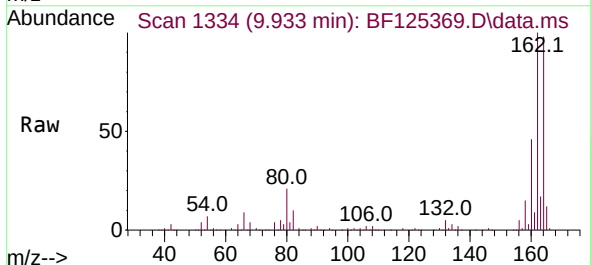
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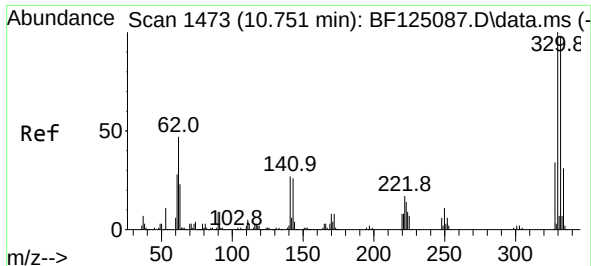
Tgt Ion: 82 Resp: 849047
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion: 164 Resp: 255316
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 46.7 38.0 57.0

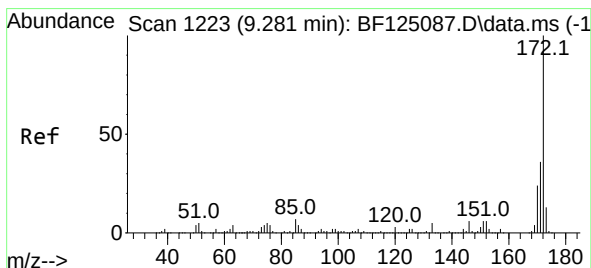
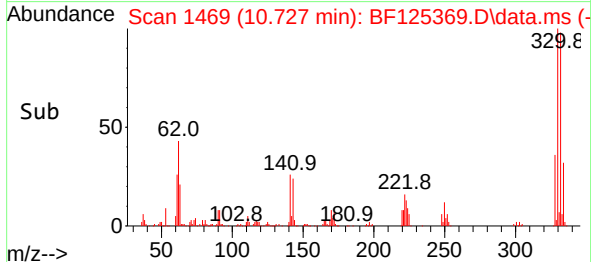
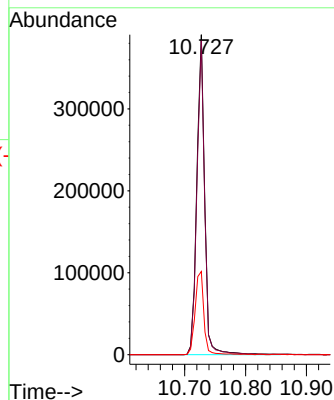
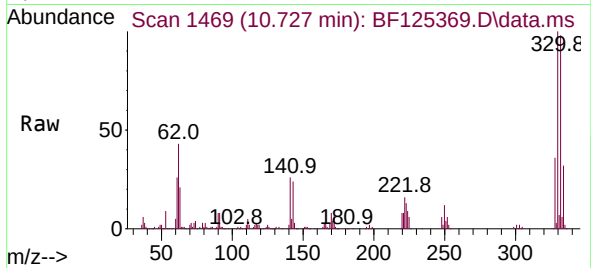




#42
 2,4,6-Tribromophenol
 Concen: 137.338 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF125369.D
 Acq: 4 Sep 2021 15:07

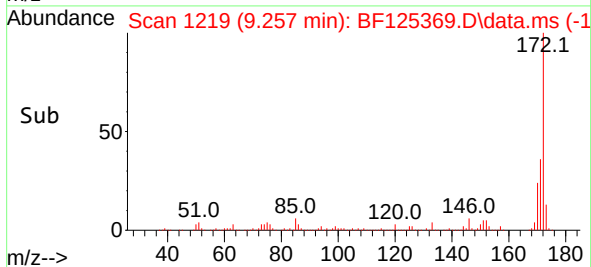
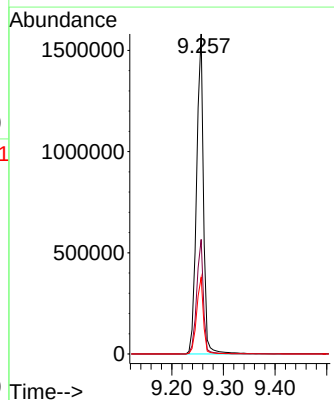
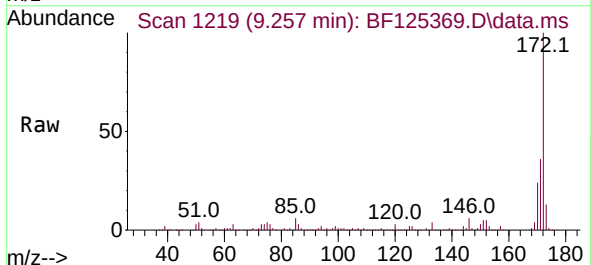
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 20211056-SI-COMP-1-MODIFIED-EL

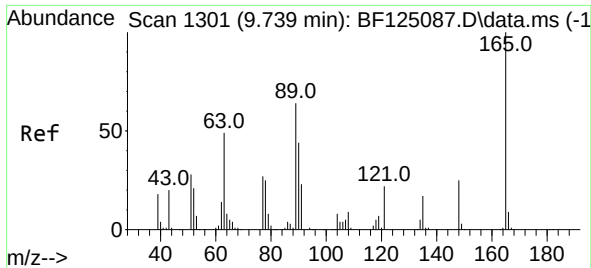
Tgt Ion:330 Resp: 350021
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 29.2 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 80.721 ng
 RT: 9.257 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BF125369.D
 Acq: 4 Sep 2021 15:07

Tgt Ion:172 Resp: 1478712
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.5 39.7
 170 24.0 18.8 28.2

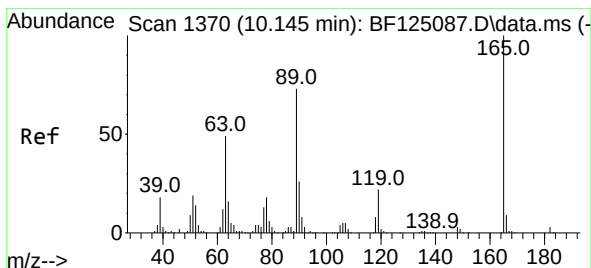
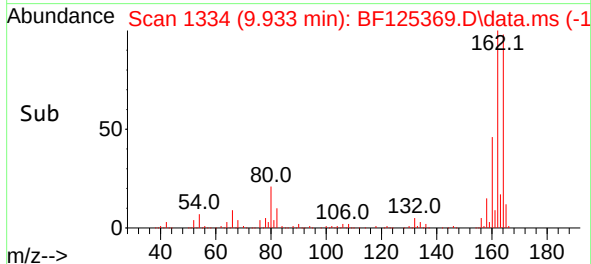
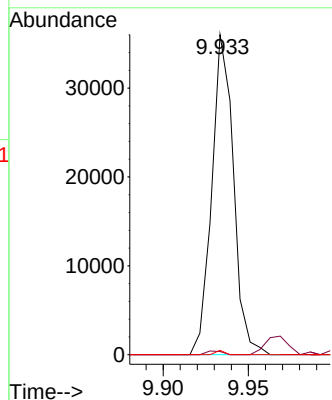
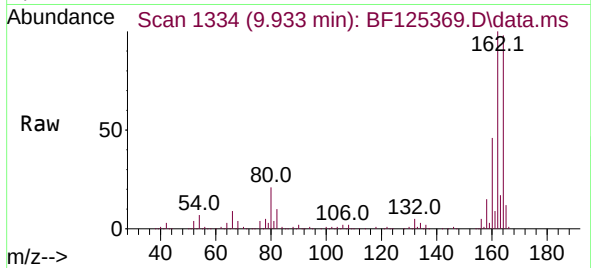




#51
2,6-Dinitrotoluene
Concen: 8.308 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

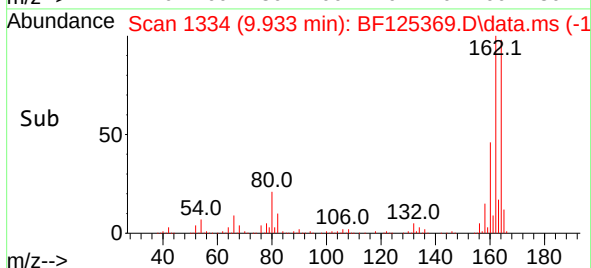
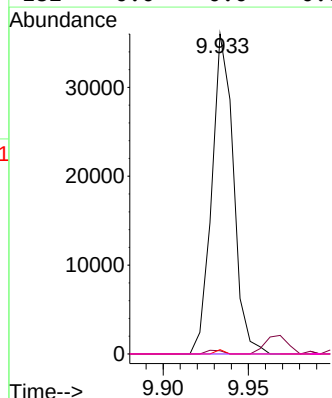
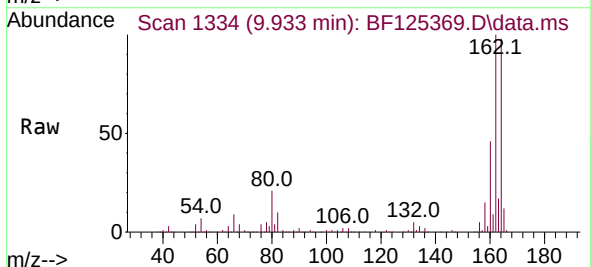
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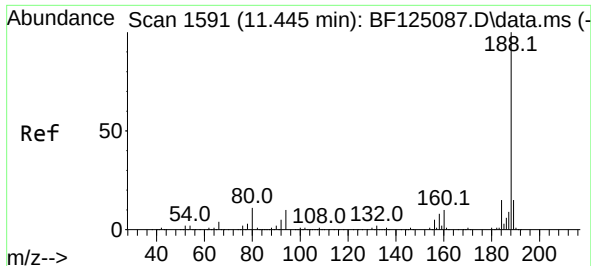
Tgt Ion:165 Resp: 31874
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.865 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion:165 Resp: 31874
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

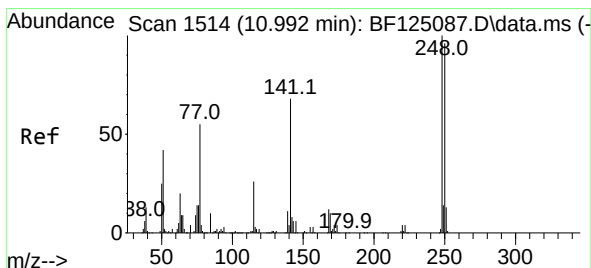
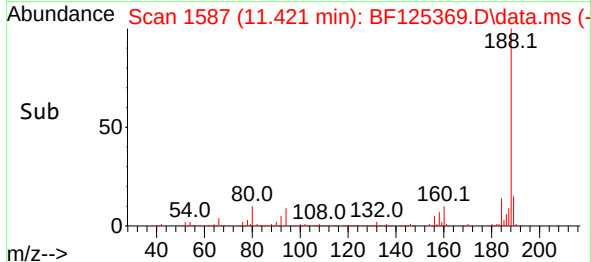
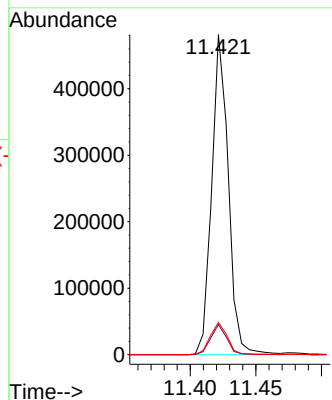
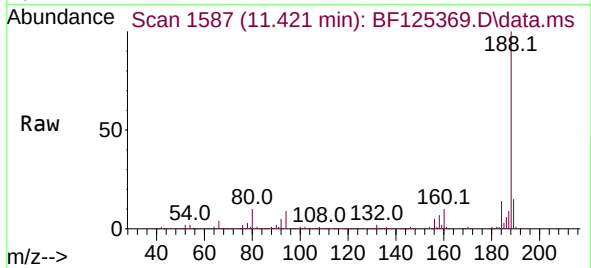




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

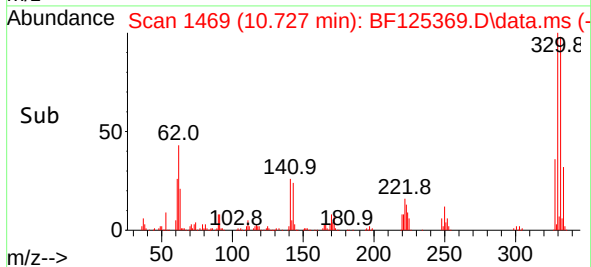
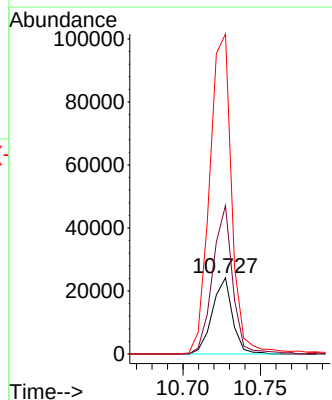
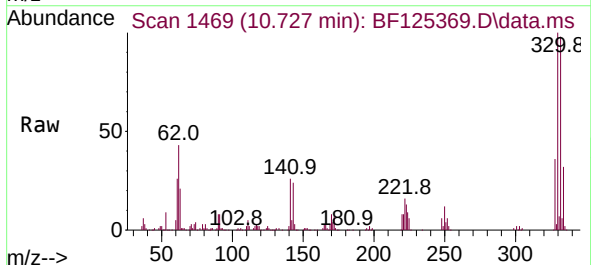
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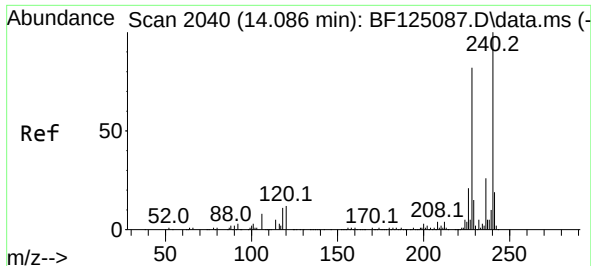
Tgt Ion:188 Resp: 424050
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion:248 Resp: 21874
Ion Ratio Lower Upper
248 100
250 194.9 74.2 111.4#
141 420.0 60.4 90.6#

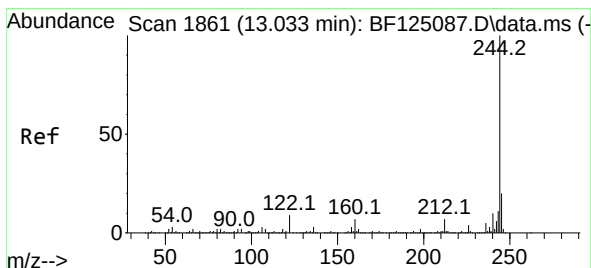
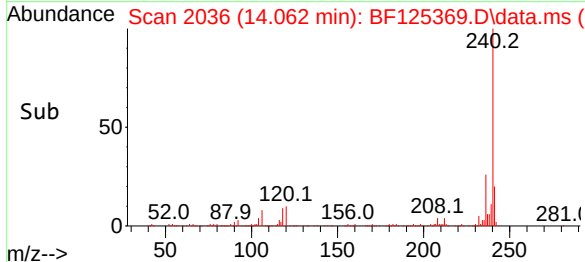
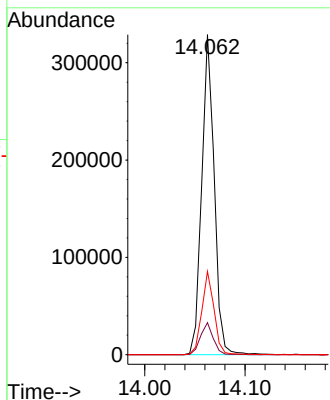
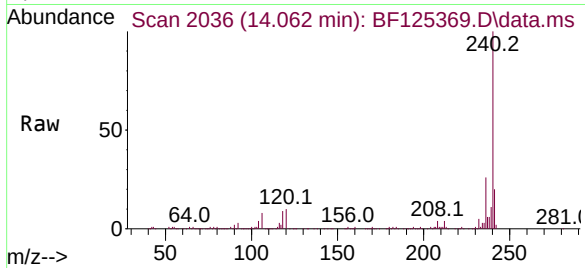




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

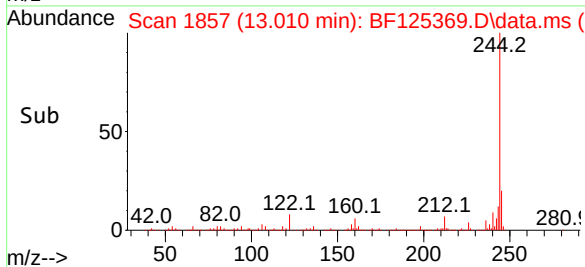
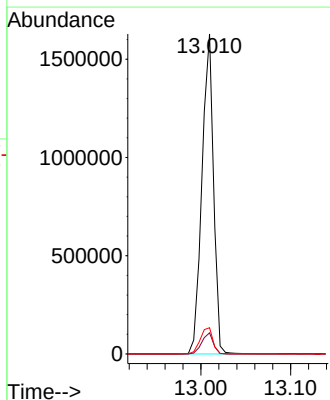
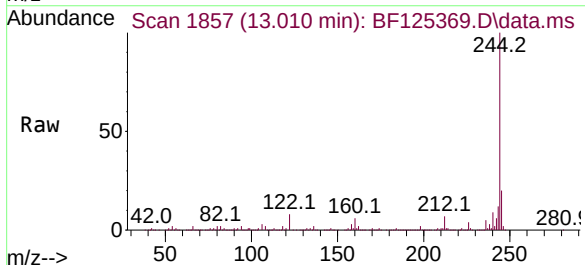
Instrument :
BNA_F
ClientSampleId :
20211056-SI-COMP-1-MODIFIED-EL

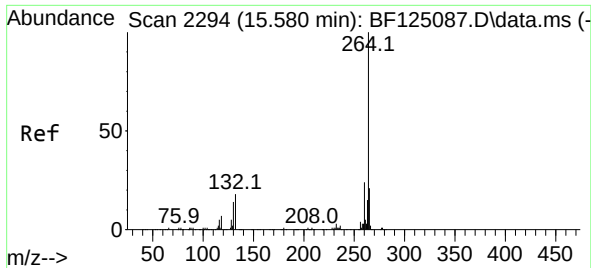
Tgt Ion:240 Resp: 286096
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 81.155 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125369.D
Acq: 4 Sep 2021 15:07

Tgt Ion:244 Resp: 1457423
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.2 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: BF125369.D
 Acq: 4 Sep 2021 15:07

Instrument :
 BNA_F
 ClientSampleId :
 20211056-SI-COMP-1-MODIFIED-EL

Tgt Ion:264 Resp: 302886
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 17.2 25.8

