

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125296.D
 Acq On : 31 Aug 2021 19:16
 Operator : JU/CG
 Sample : M3574-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPR-12-13-COMP

Quant Time: Sep 01 03:13:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

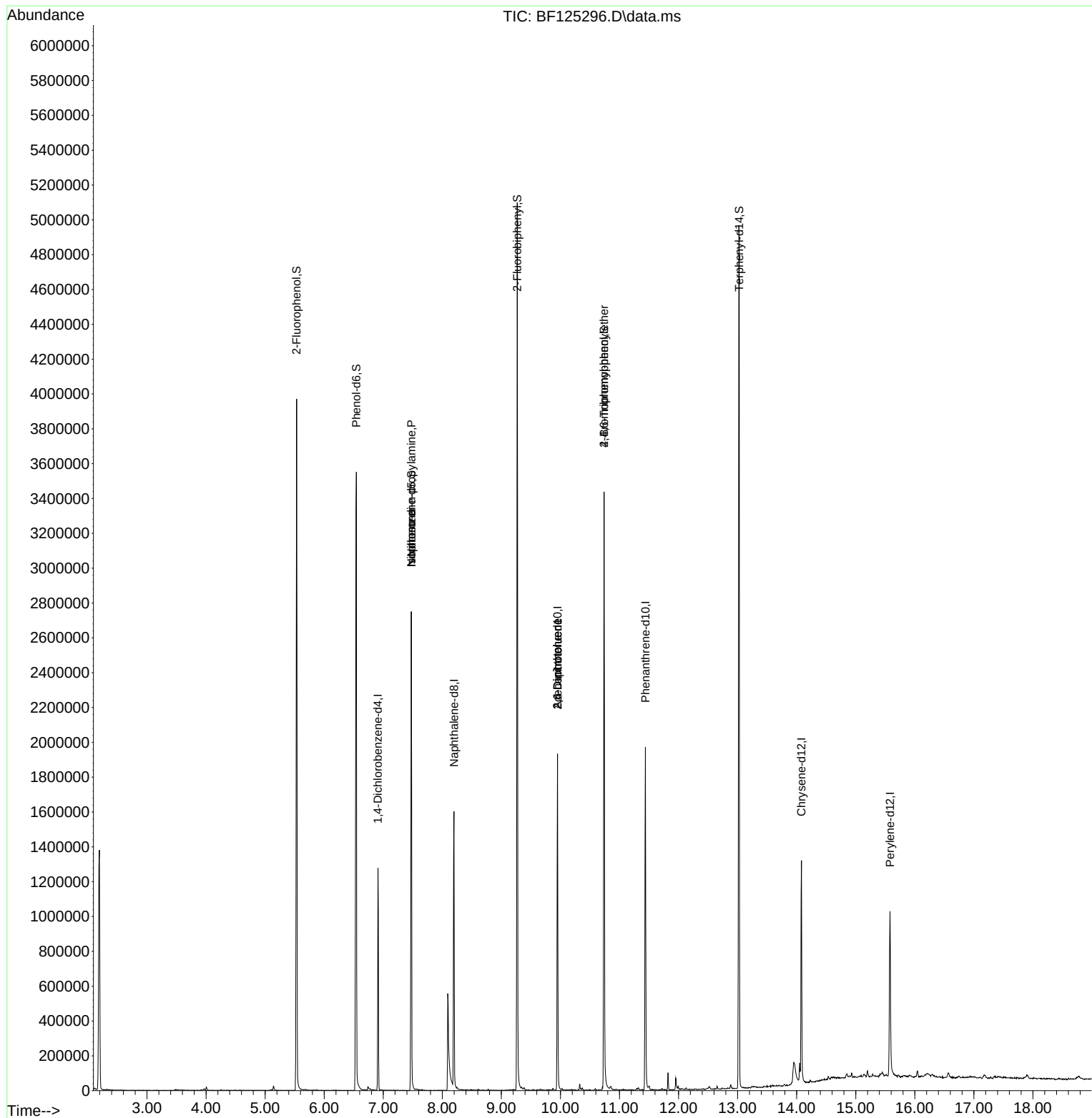
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	174346	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	696741	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	393846	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	764268	20.000	ng	0.00
76) Chrysene-d12	14.080	240	468901	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	455187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1011925	87.851	ng	0.00
7) Phenol-d6	6.545	99	1297936	87.126	ng	0.00
23) Nitrobenzene-d5	7.475	82	841989	60.839	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	450064	114.478	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1584202	56.061	ng	0.00
79) Terphenyl-d14	13.027	244	1963599	66.713	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	113684	12.687	ng	# 56
25) Isophorone	7.475	82	841981	31.537	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50749	8.575	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	50749	7.085	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	28189	3.072	ng	# 1

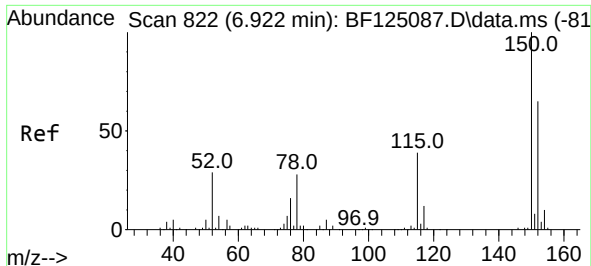
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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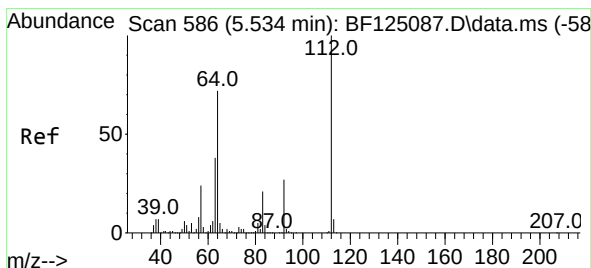
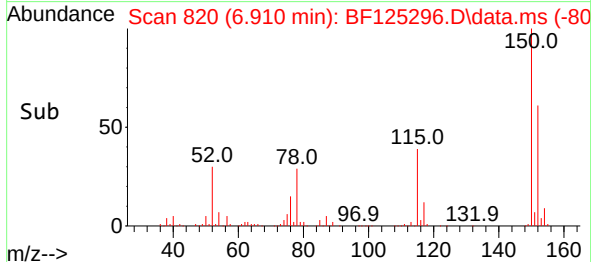
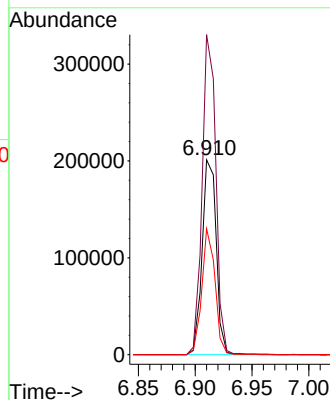
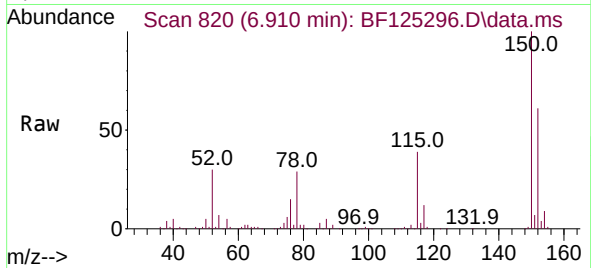




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

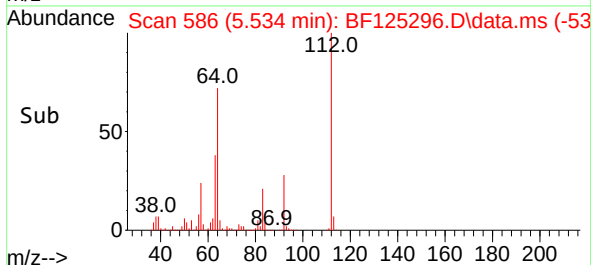
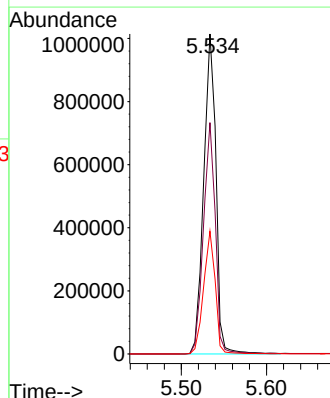
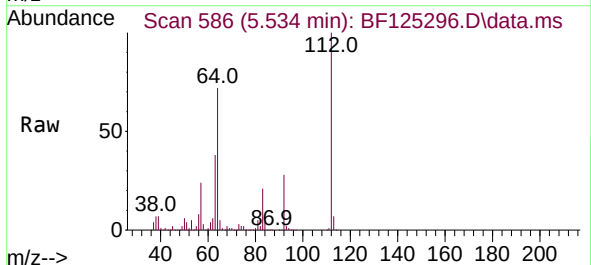
Instrument :
BNA_F
ClientSampleId :
TPR-12-13-COMP

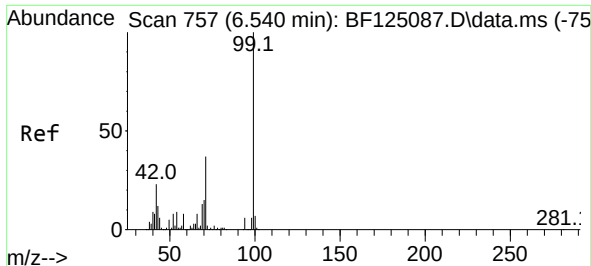
Tgt Ion:152 Resp: 174346
Ion Ratio Lower Upper
152 100
150 164.2 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 87.851 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion:112 Resp: 1011925
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 38.4 26.2 39.2

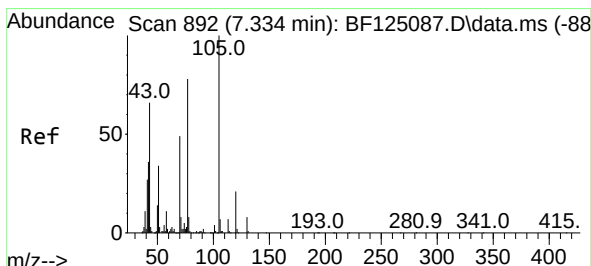
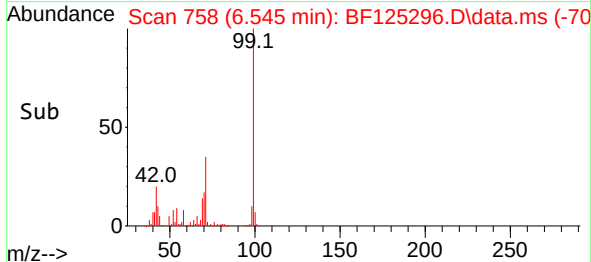
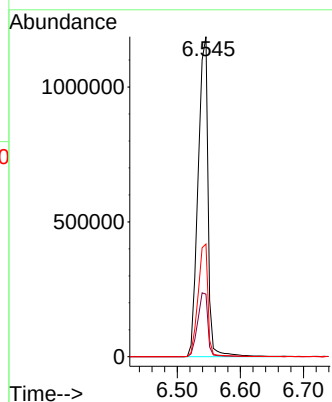
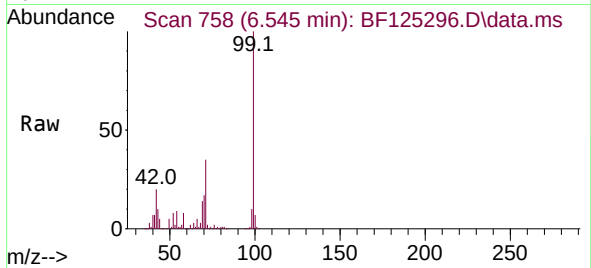




#7
Phenol-d6
Concen: 87.126 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

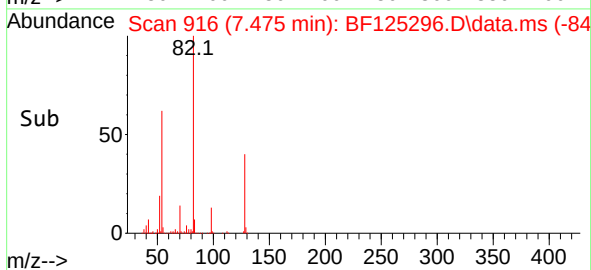
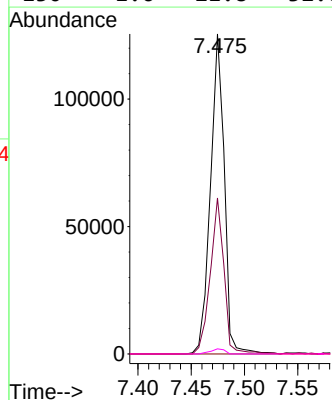
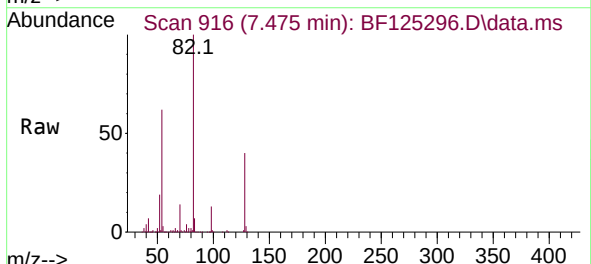
Instrument :
BNA_F
ClientSampleId :
TPR-12-13-COMP

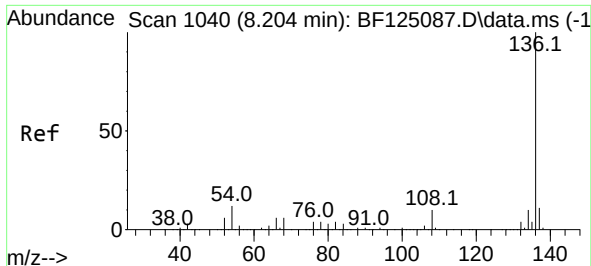
Tgt Ion: 99 Resp: 1297936
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 35.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.687 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion: 70 Resp: 113684
Ion Ratio Lower Upper
70 100
42 48.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

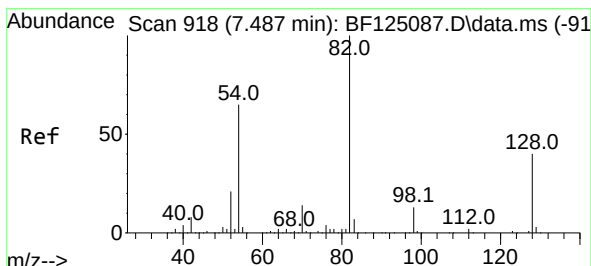
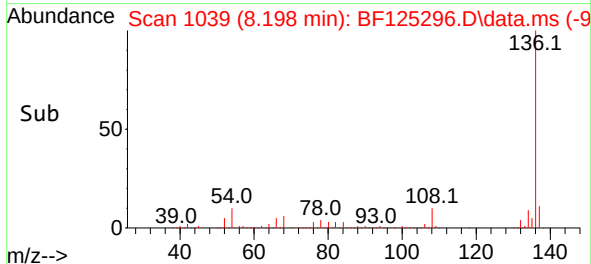
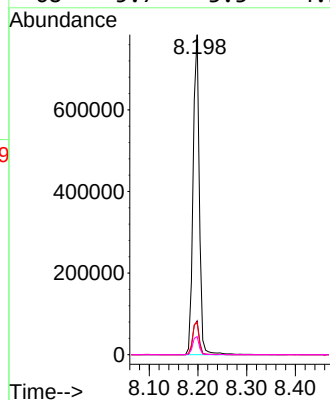
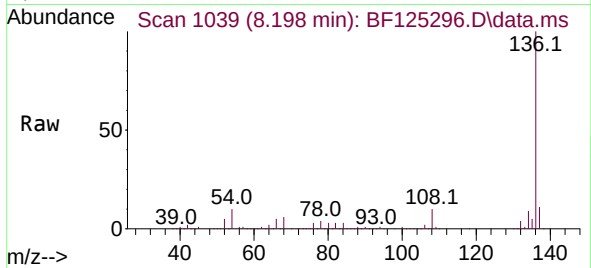




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

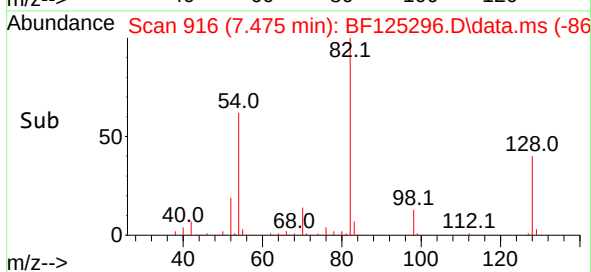
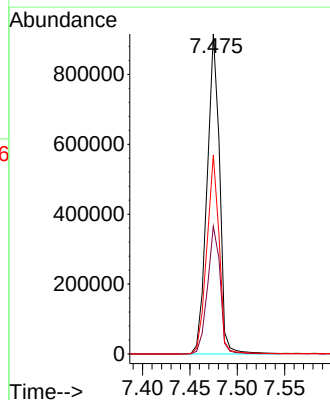
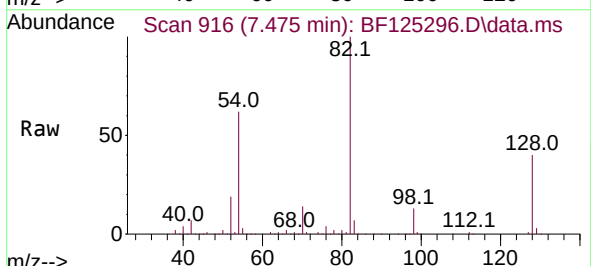
Instrument :
BNA_F
ClientSampleId :
TPR-12-13-COMP

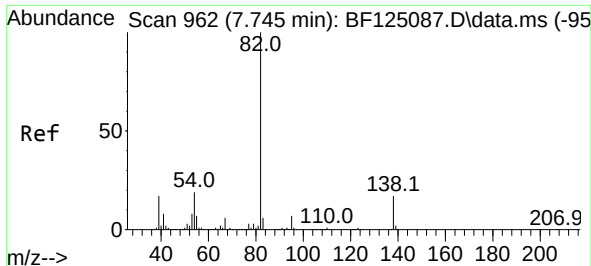
Tgt Ion:136	Resp: 696741
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 10.0	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 60.839 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion: 82	Resp: 841989
Ion Ratio	Lower Upper
82 100	
128 39.9	40.6 60.8#
54 62.2	49.6 74.4

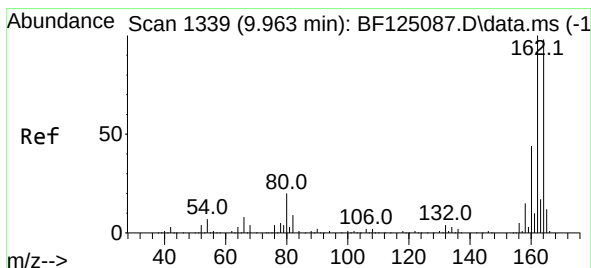
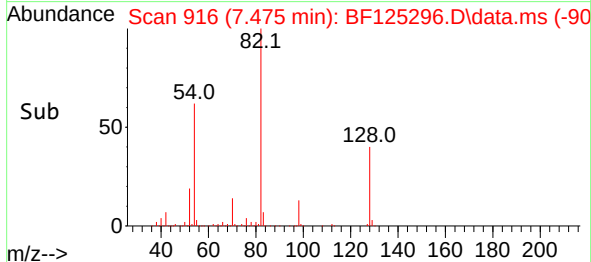
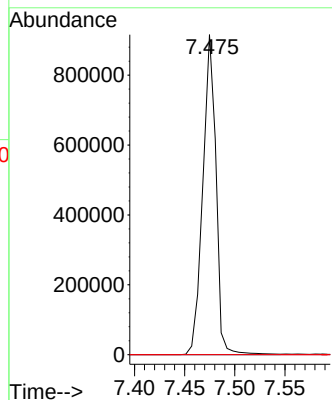
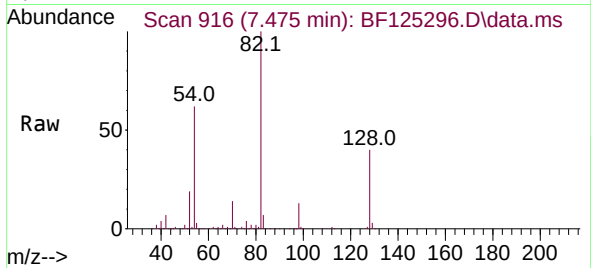




#25
Isophorone
Concen: 31.537 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

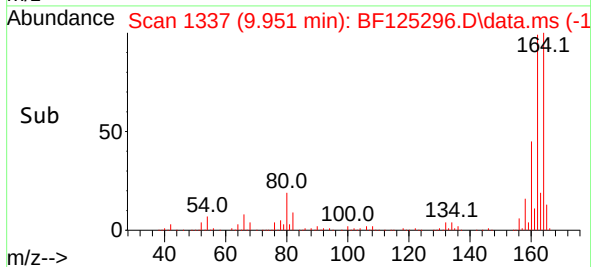
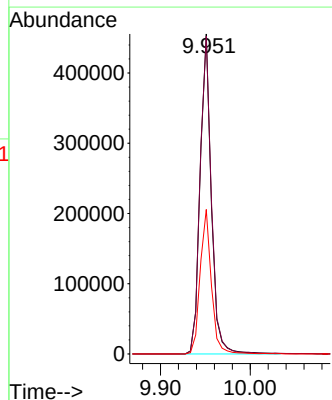
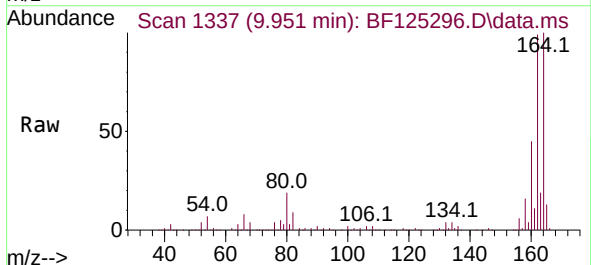
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TPR-12-13-COMP

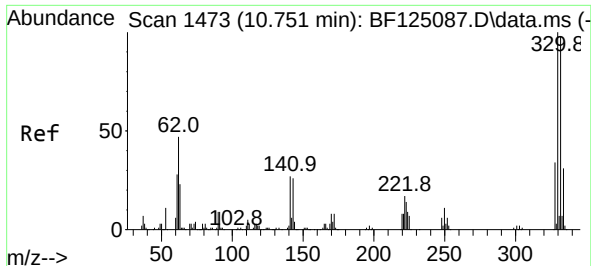
Tgt Ion: 82 Resp: 841981
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion: 164 Resp: 393846
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 45.2 38.0 57.0

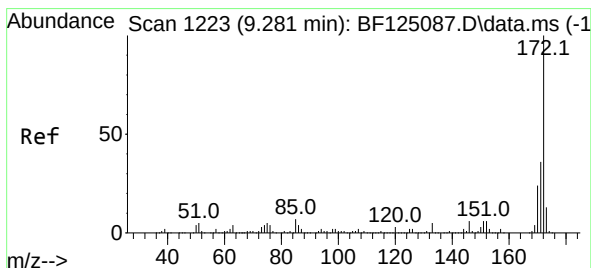
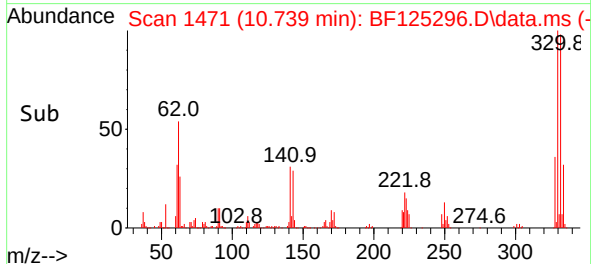
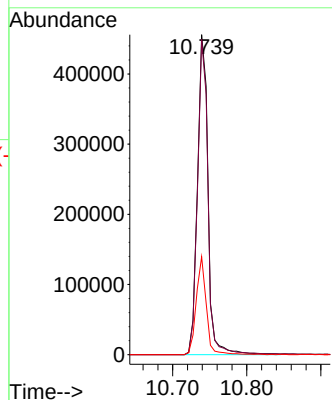
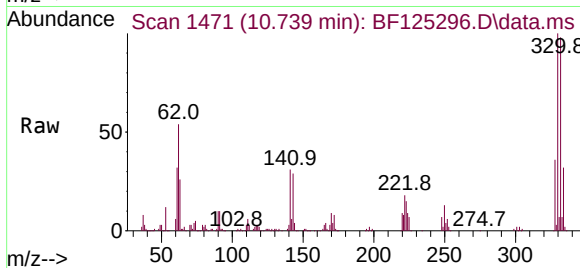




#42
2,4,6-Tribromophenol
Concen: 114.478 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

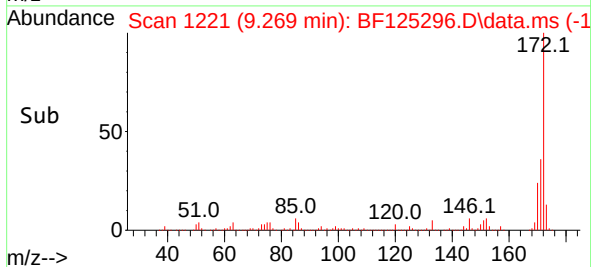
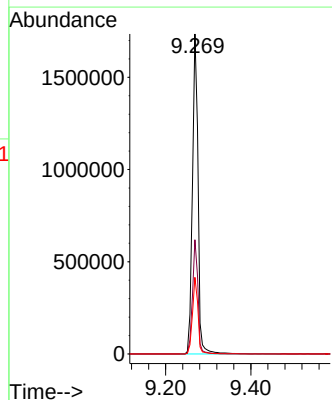
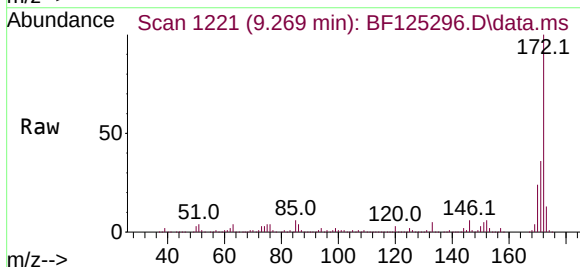
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ClientSampleId :
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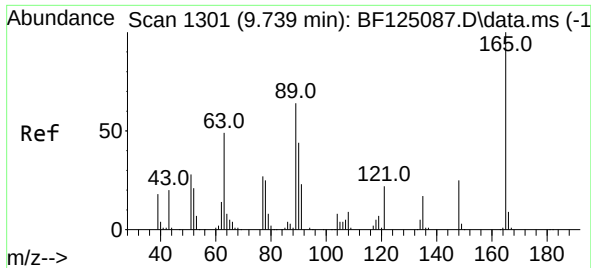
Tgt Ion: 330 Resp: 450064
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 29.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 56.061 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion: 172 Resp: 1584202
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.9 18.8 28.2

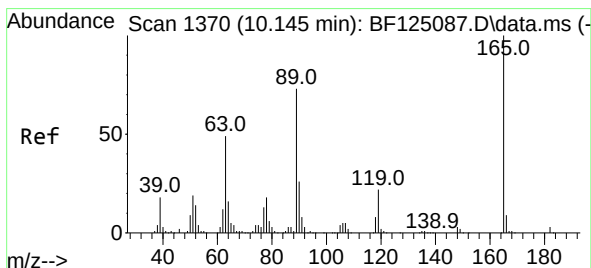
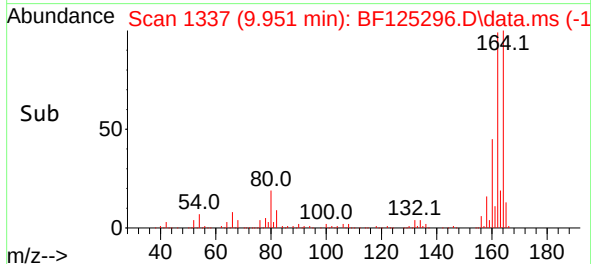
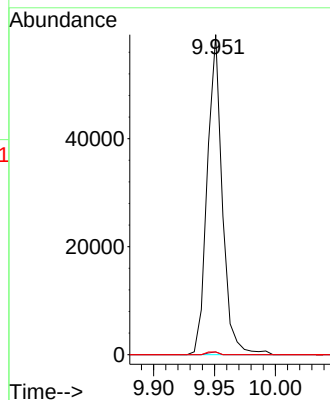
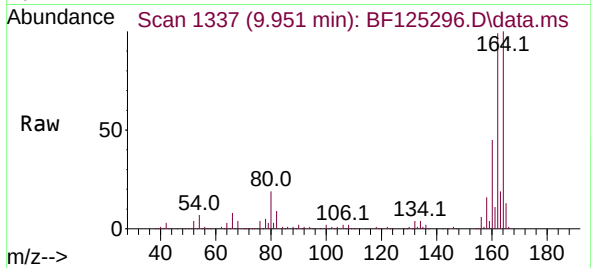




#51
2,6-Dinitrotoluene
Concen: 8.575 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

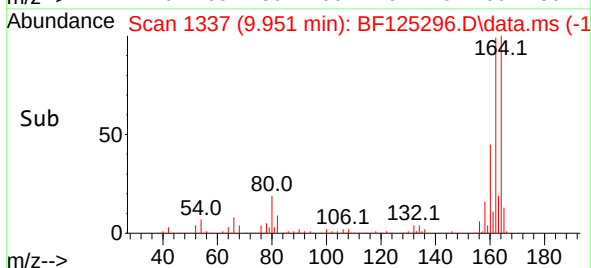
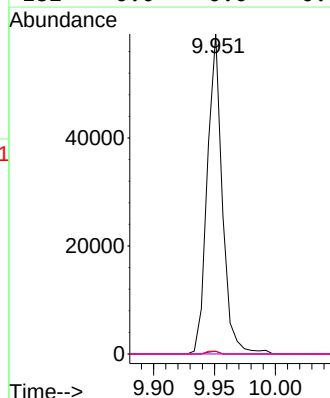
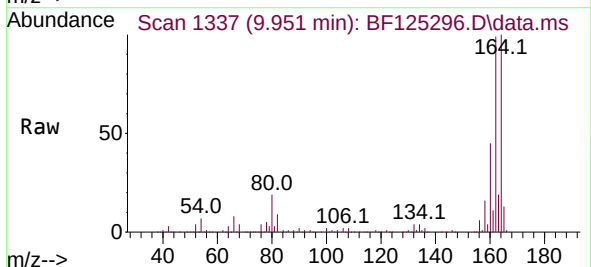
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TPR-12-13-COMP

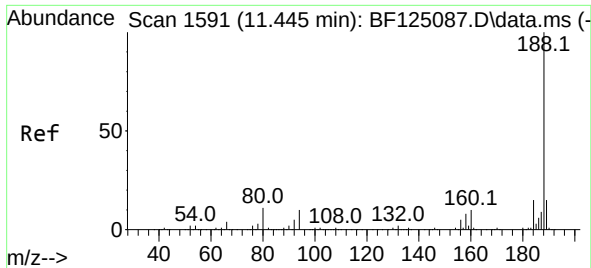
Tgt Ion:165 Resp: 50749
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.085 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion:165 Resp: 50749
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

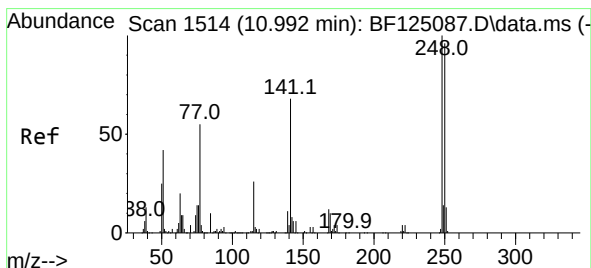
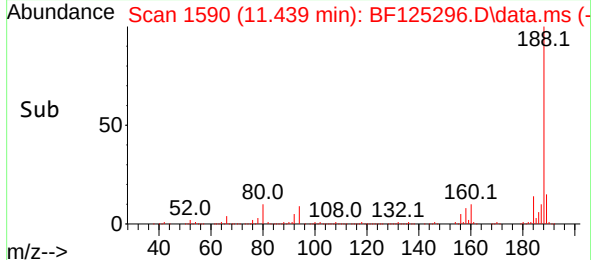
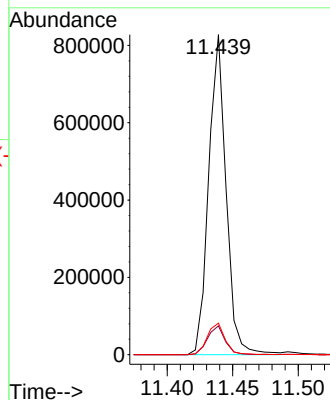
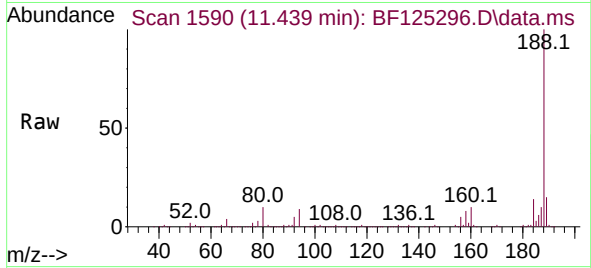




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

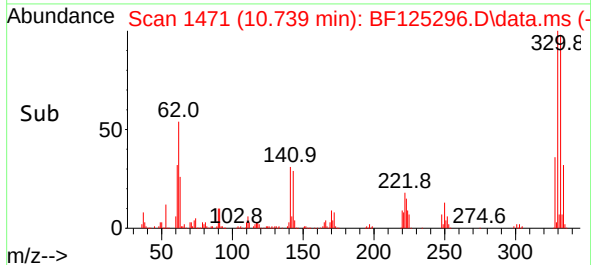
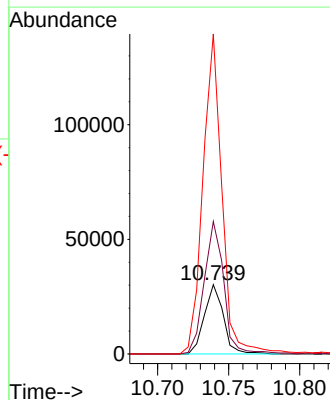
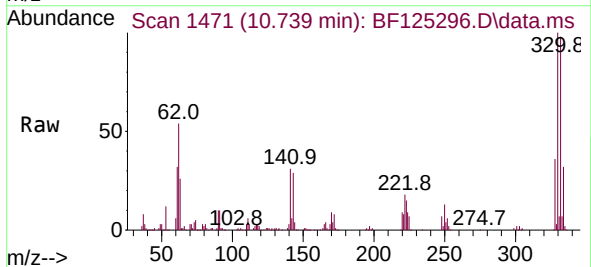
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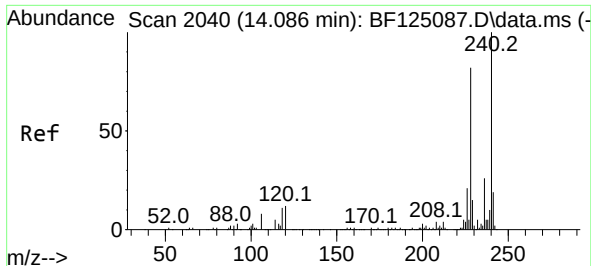
Tgt Ion:188 Resp: 764268
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.072 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion:248 Resp: 28189
Ion Ratio Lower Upper
248 100
250 191.2 74.2 111.4#
141 461.7 60.4 90.6#

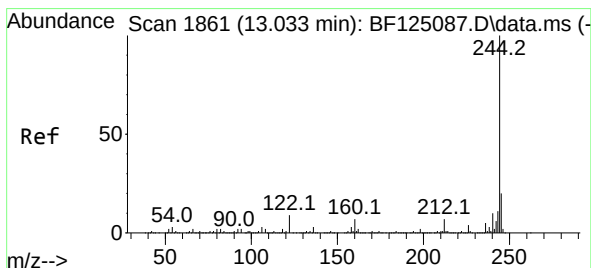
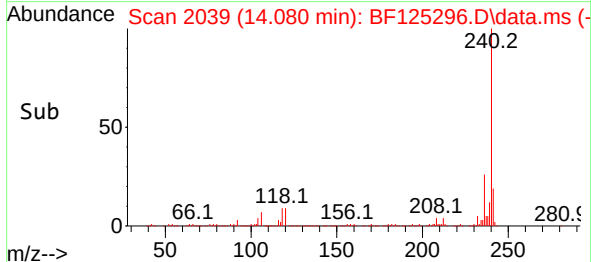
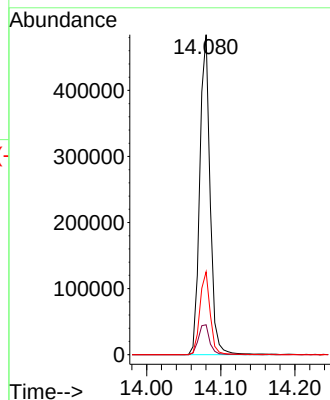
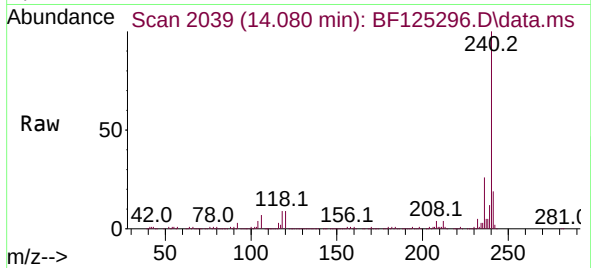




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

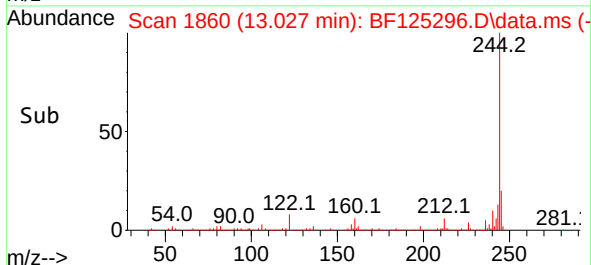
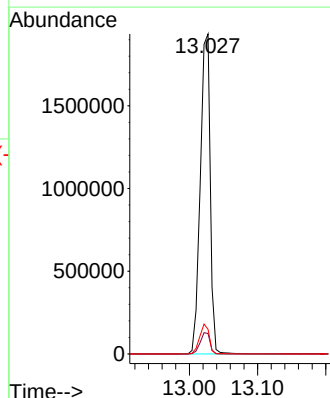
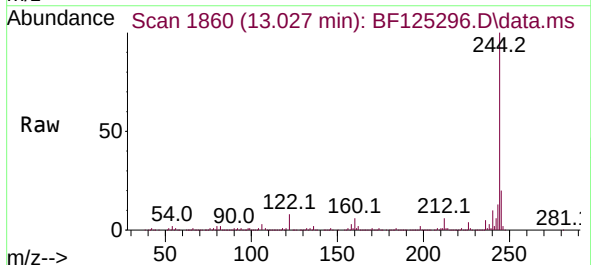
Instrument :
BNA_F
ClientSampleId :
TPR-12-13-COMP

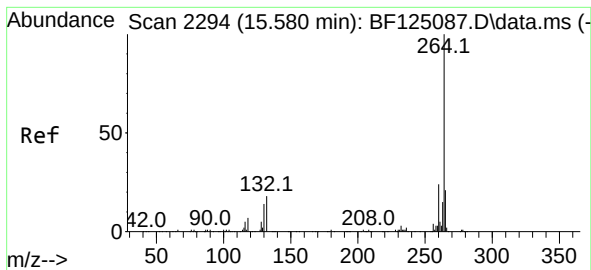
Tgt Ion:240 Resp: 468901
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 66.713 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125296.D
Acq: 31 Aug 2021 19:16

Tgt Ion:244 Resp: 1963599
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 7.7 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.006 min
 Lab File: BF125296.D
 Acq: 31 Aug 2021 19:16

Instrument :
 BNA_F
 ClientSampleId :
 TPR-12-13-COMP

Tgt Ion:264 Resp: 455187
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 17.2 25.8

