

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125294.D
 Acq On : 31 Aug 2021 18:11
 Operator : JU/CG
 Sample : M3597-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-PSC124042

Quant Time: Sep 01 03:13:14 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)

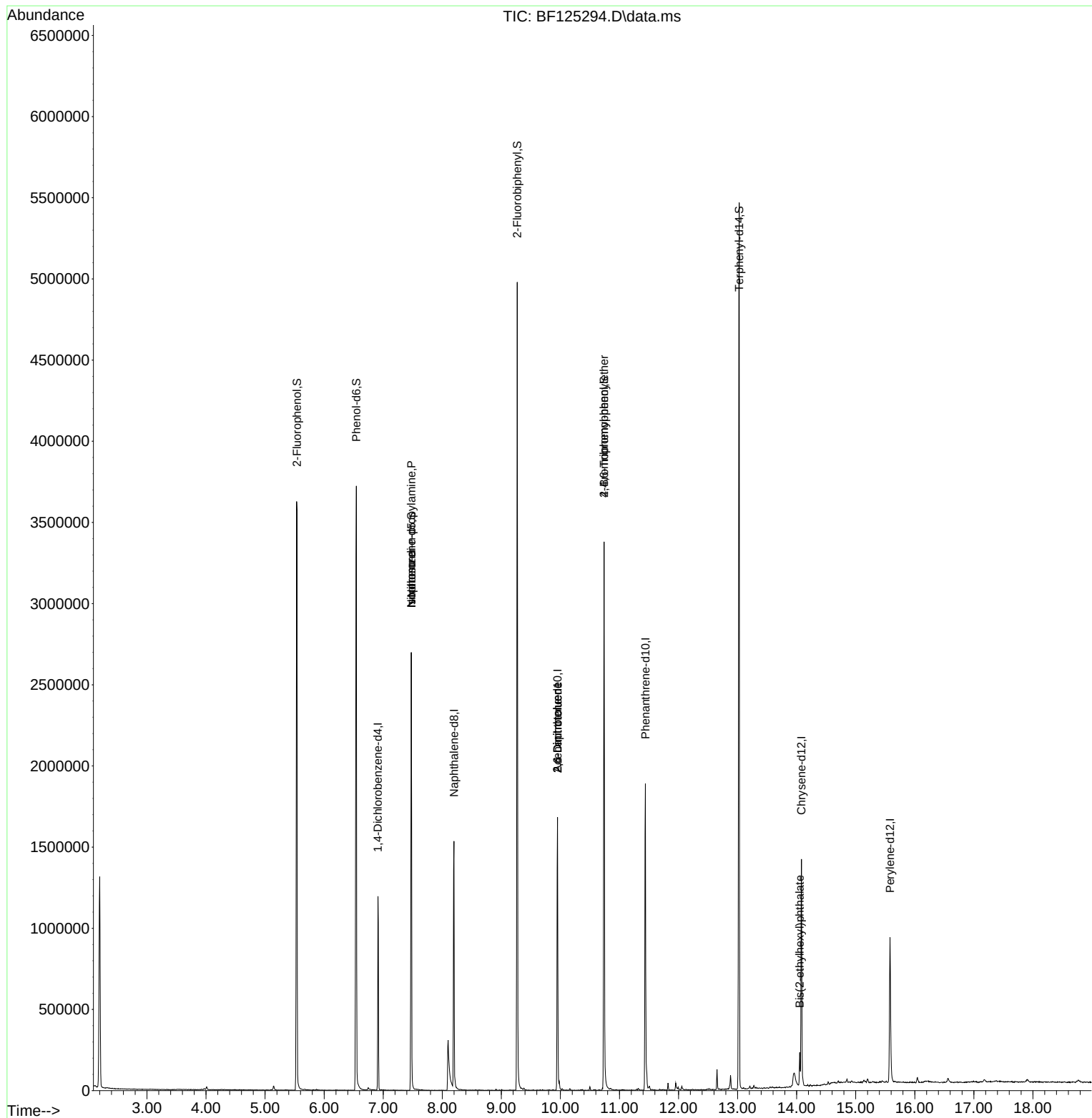
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	167149	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	669594	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	378377	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	740645	20.000	ng	0.00
76) Chrysene-d12	14.080	240	522927	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	438715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1013770	91.801	ng	0.01
7) Phenol-d6	6.545	99	1278570	89.521	ng	0.00
23) Nitrobenzene-d5	7.475	82	842278	63.327	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	446792	118.292	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1544263	56.882	ng	0.00
79) Terphenyl-d14	13.027	244	2052659	62.534	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	110492	12.862	ng	# 59
25) Isophorone	7.475	82	842386	32.831	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	48364	8.506	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	48364	7.028	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	27219	3.060	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.051	149	48675	2.009	ng	# 96

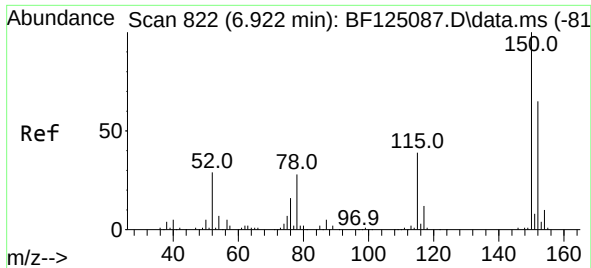
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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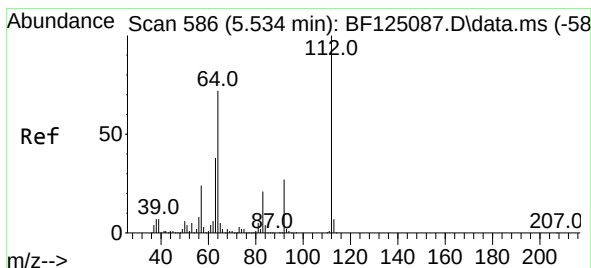
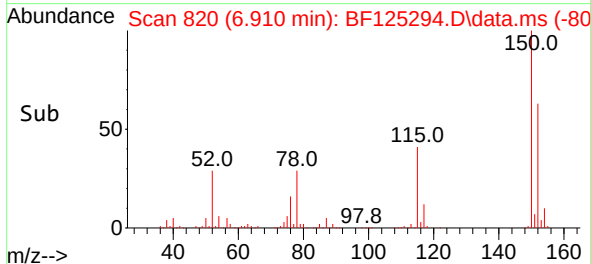
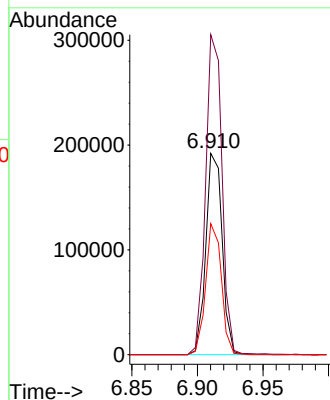
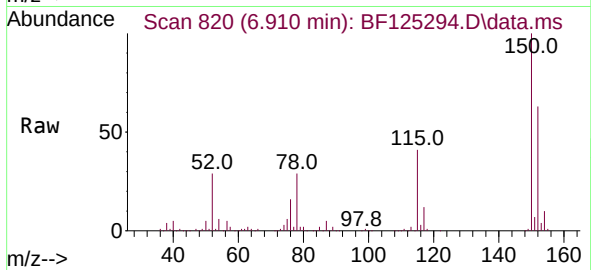




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

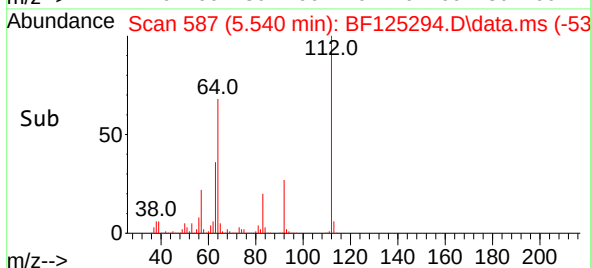
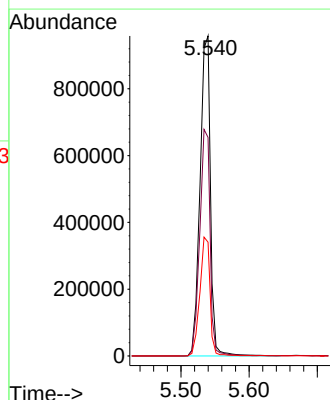
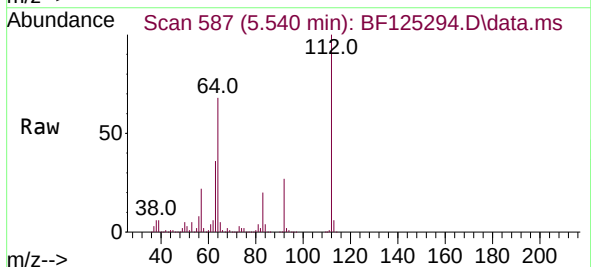
Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

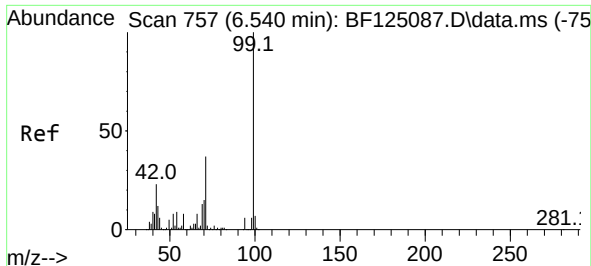
Tgt Ion:152 Resp: 167149
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 91.801 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:112 Resp: 1013770
Ion Ratio Lower Upper
112 100
64 68.3 44.2 66.2#
63 35.5 26.2 39.2

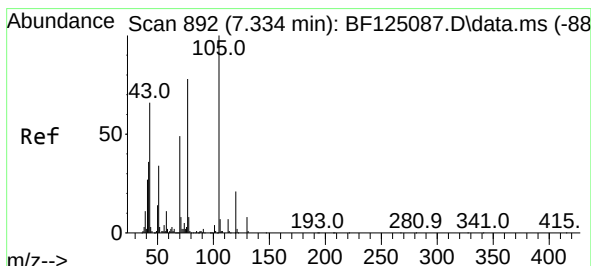
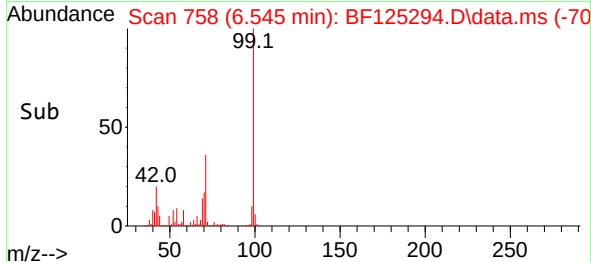
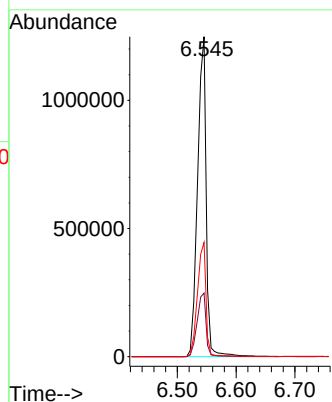
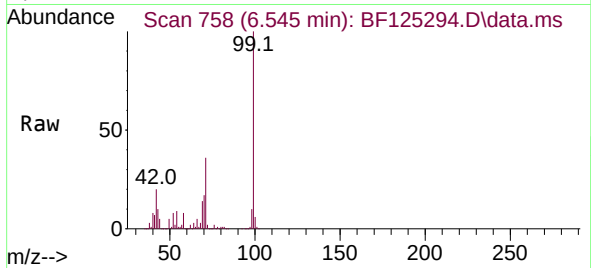




#7
Phenol-d6
Concen: 89.521 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

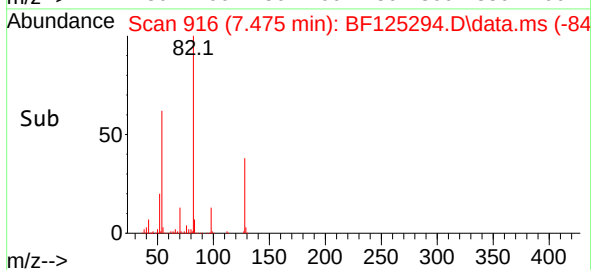
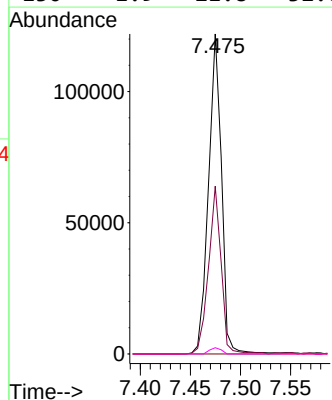
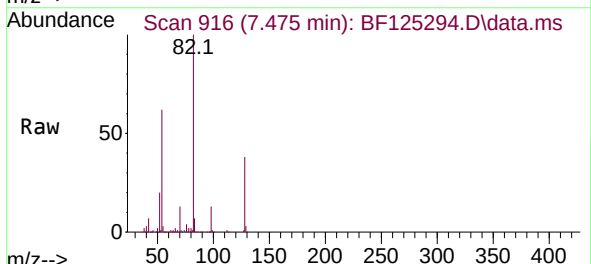
Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

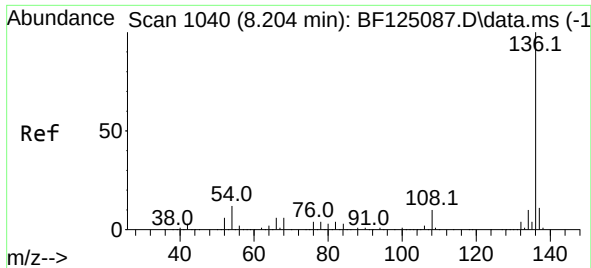
Tgt Ion: 99 Resp: 1278570
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 35.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.862 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion: 70 Resp: 110492
Ion Ratio Lower Upper
70 100
42 52.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

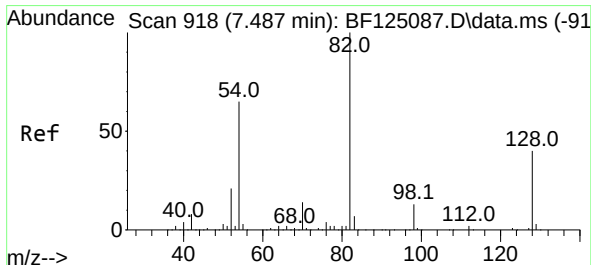
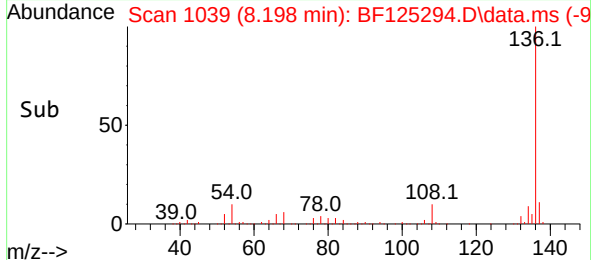
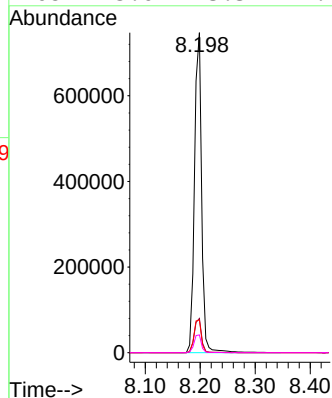
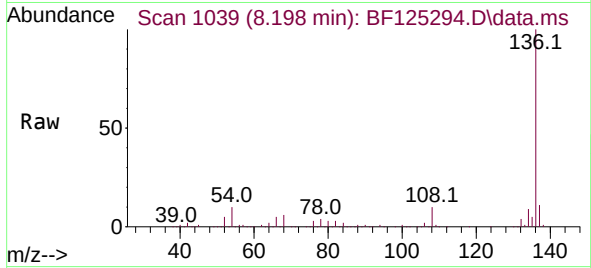




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

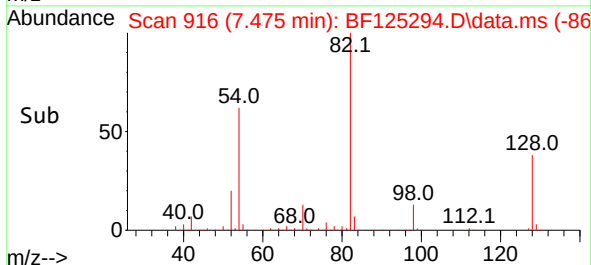
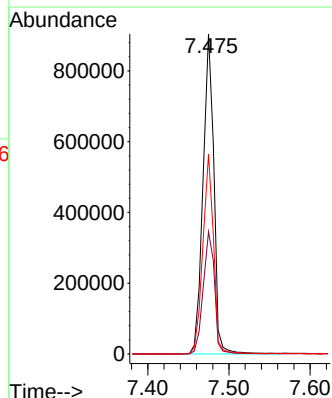
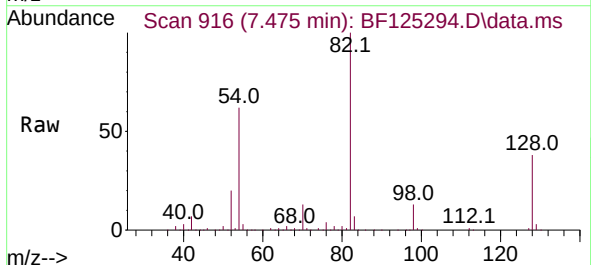
Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

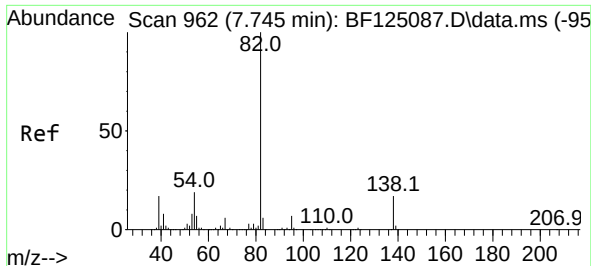
Tgt Ion:	136	Resp:	669594
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	10.3	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 63.327 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

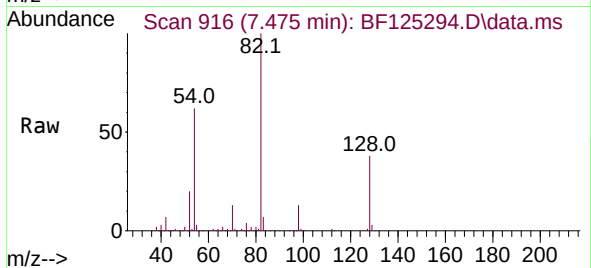
Tgt Ion:	82	Resp:	842278
Ion Ratio	Lower	Upper	
82	100		
128	38.2	40.6	60.8#
54	62.4	49.6	74.4



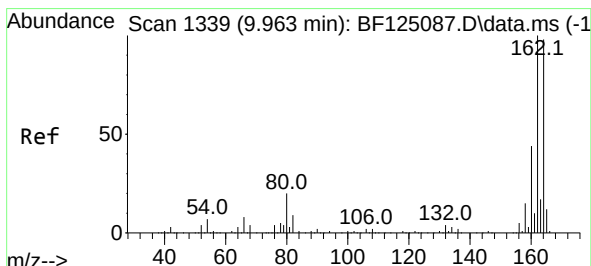
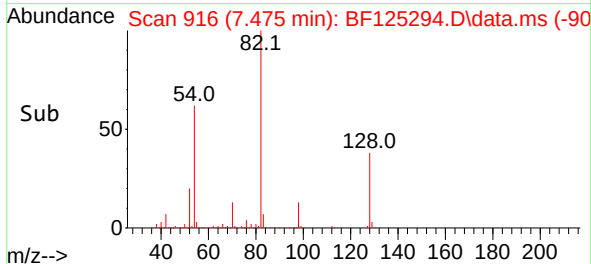
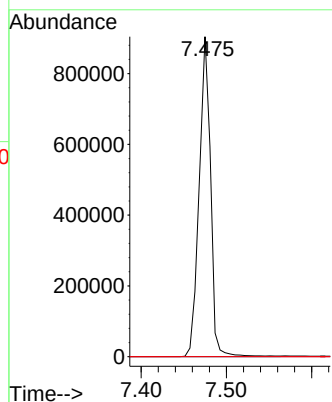


#25
Isophorone
Concen: 32.831 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

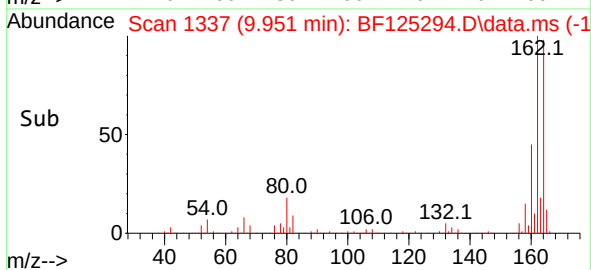
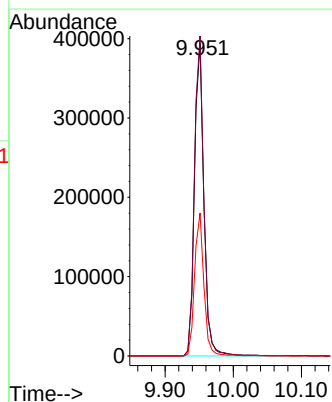
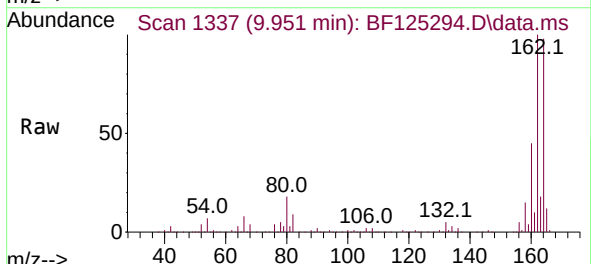


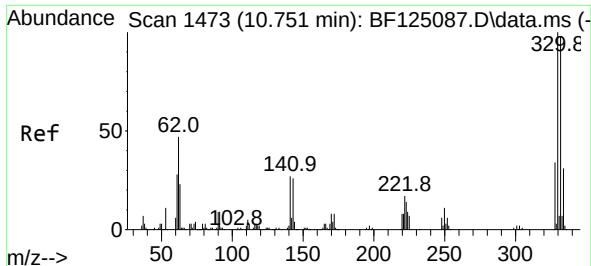
Tgt Ion: 82 Resp: 842386
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:164 Resp: 378377
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.7 38.0 57.0

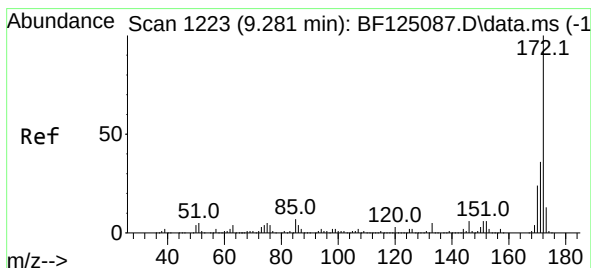
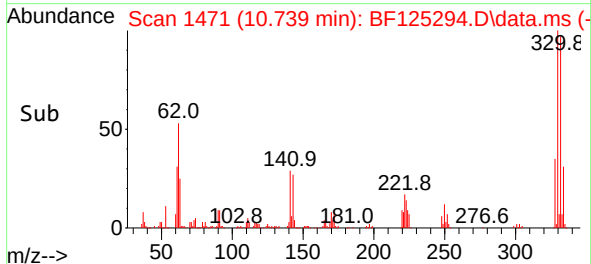
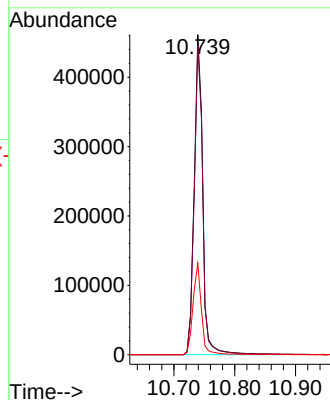
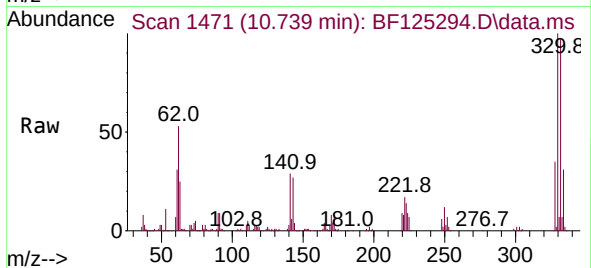




#42
2,4,6-Tribromophenol
Concen: 118.292 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

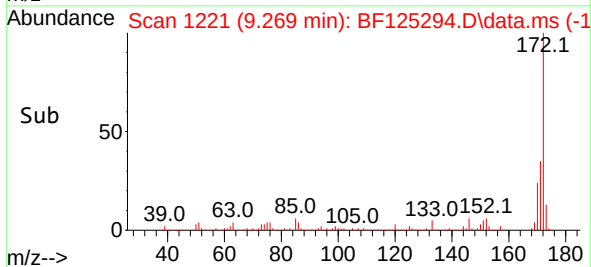
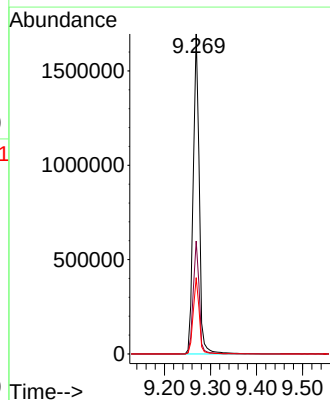
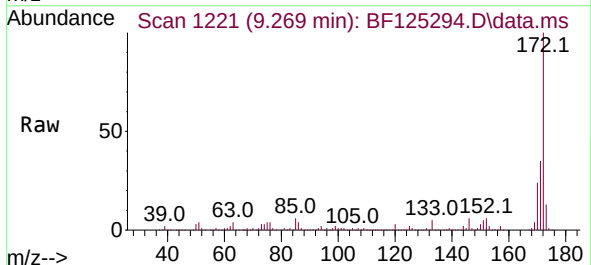
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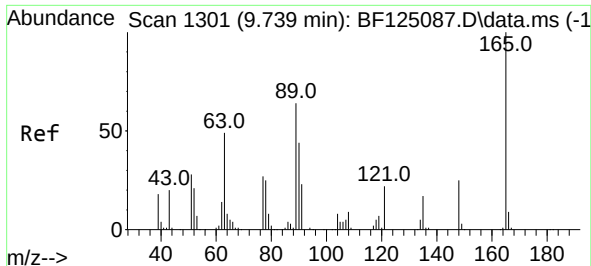
Tgt Ion: 330 Resp: 446792
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 28.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 56.882 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion: 172 Resp: 1544263
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.9 18.8 28.2

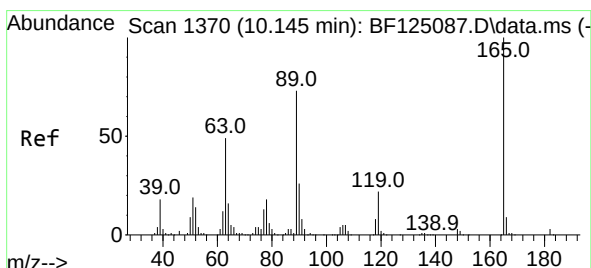
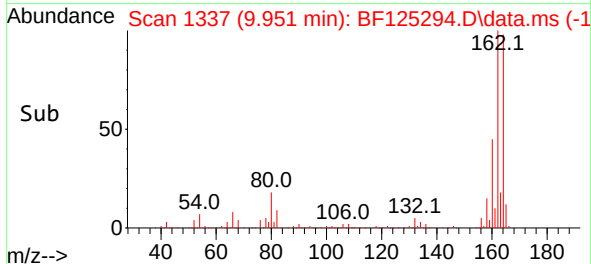
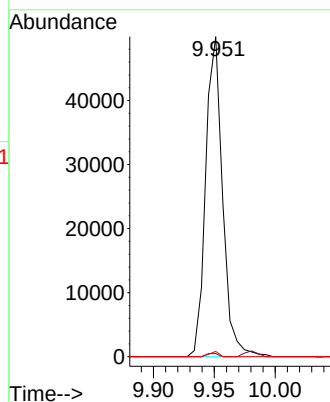
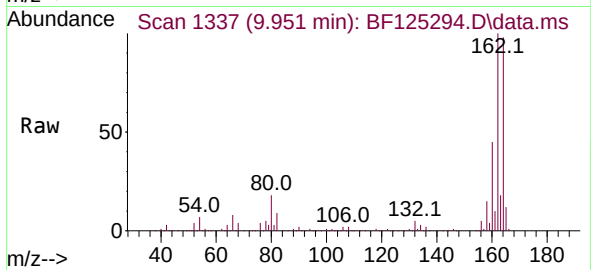




#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

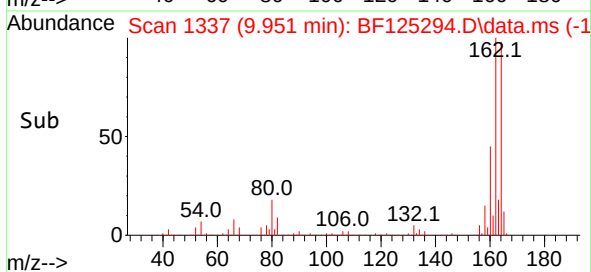
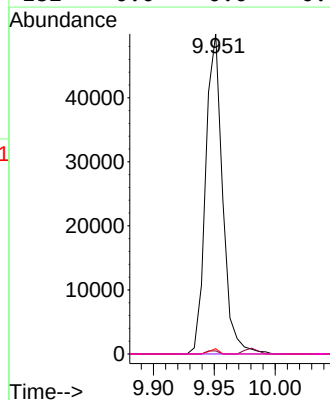
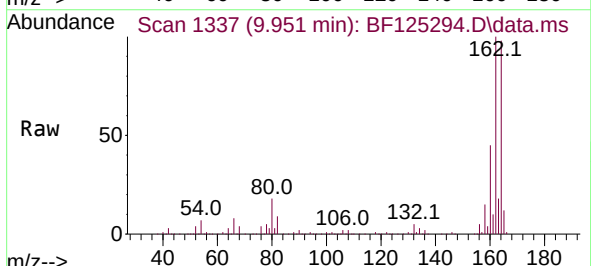
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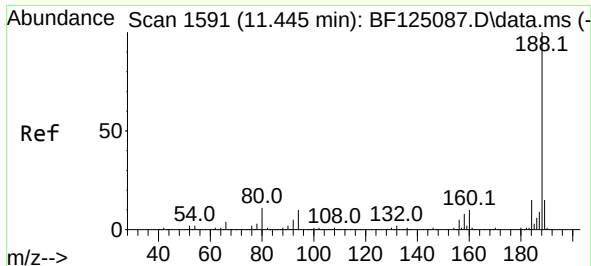
Tgt Ion:165 Resp: 48364
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.6 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.028 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:165 Resp: 48364
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0

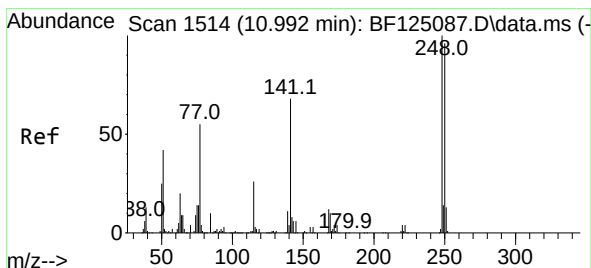
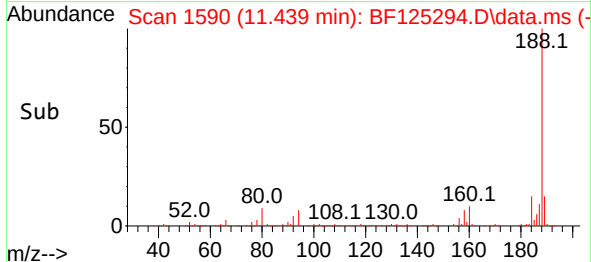
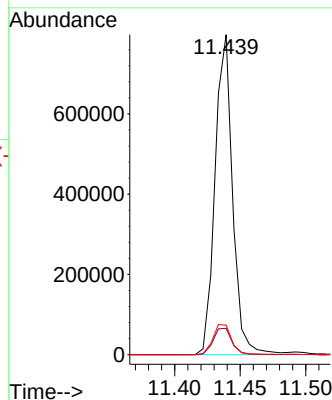
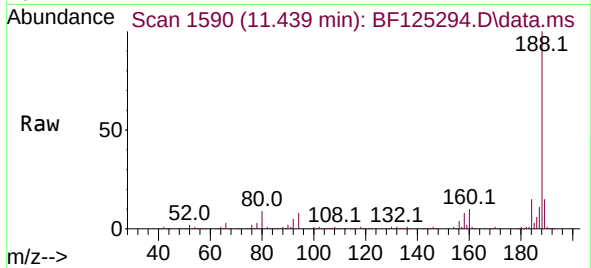




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

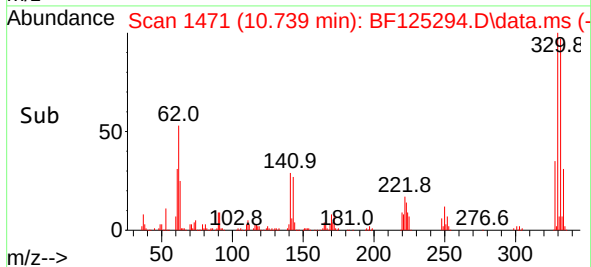
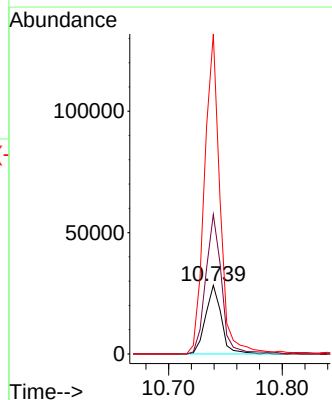
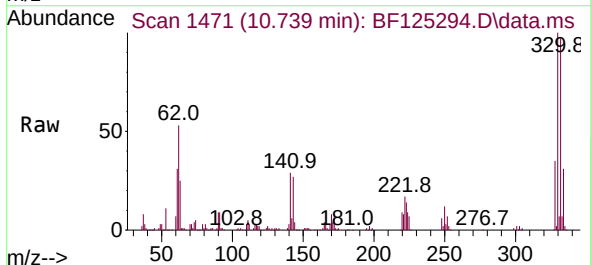
Instrument :
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RO-PSC124042

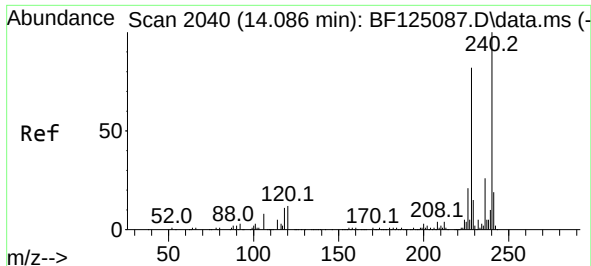
Tgt Ion:188 Resp: 740645
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.060 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:248 Resp: 27219
Ion Ratio Lower Upper
248 100
250 203.4 74.2 111.4#
141 466.3 60.4 90.6#

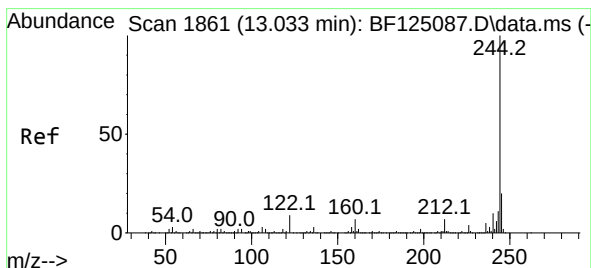
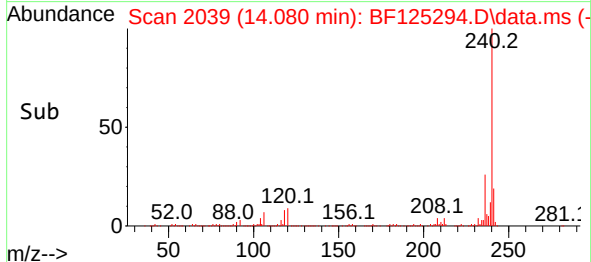
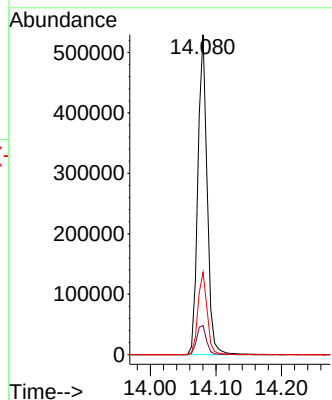
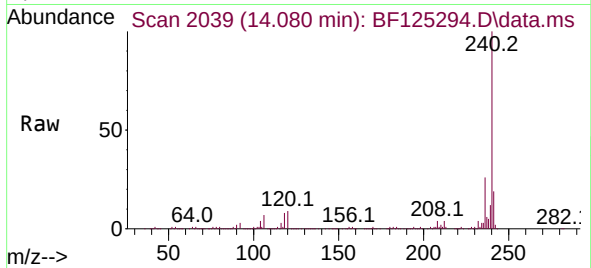




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

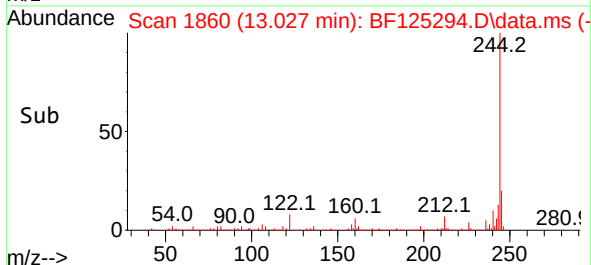
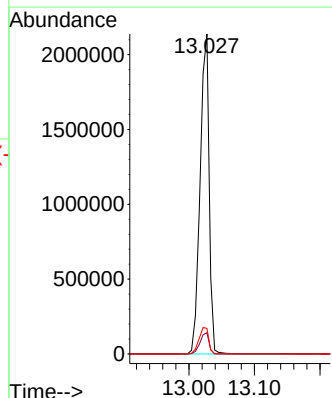
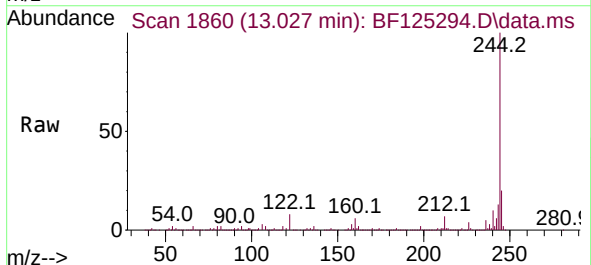
Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

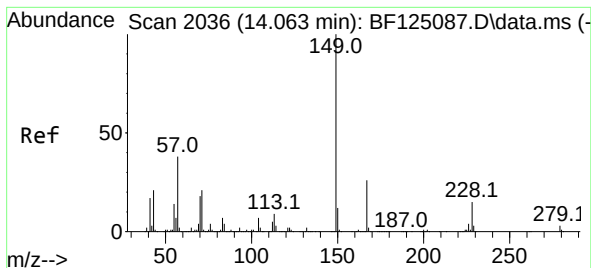
Tgt Ion:240 Resp: 522927
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 62.534 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:244 Resp: 2052659
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.0 9.0 13.4#

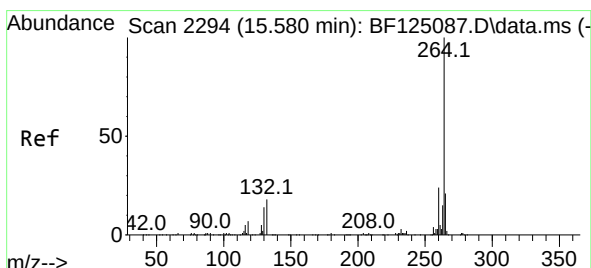
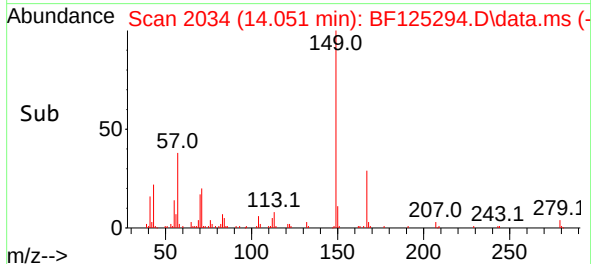
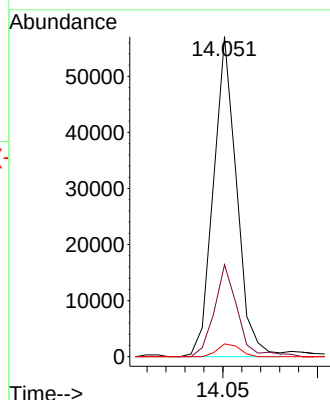
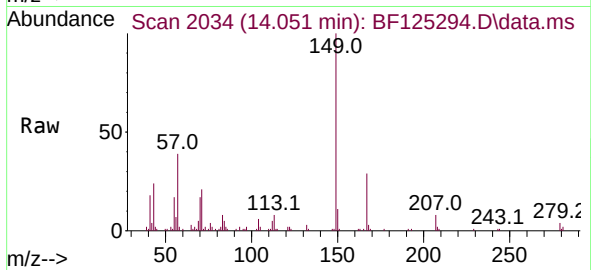




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.009 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Instrument :
BNA_F
ClientSampleId :
RO-PSC124042

Tgt Ion:149 Resp: 48675
Ion Ratio Lower Upper
149 100
167 28.7 21.4 32.0
279 4.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125294.D
Acq: 31 Aug 2021 18:11

Tgt Ion:264 Resp: 438715
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 21.8 17.2 25.8

