

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125295.D
 Acq On : 31 Aug 2021 18:44
 Operator : JU/CG
 Sample : M3597-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124030

Quant Time: Sep 01 03:13:25 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

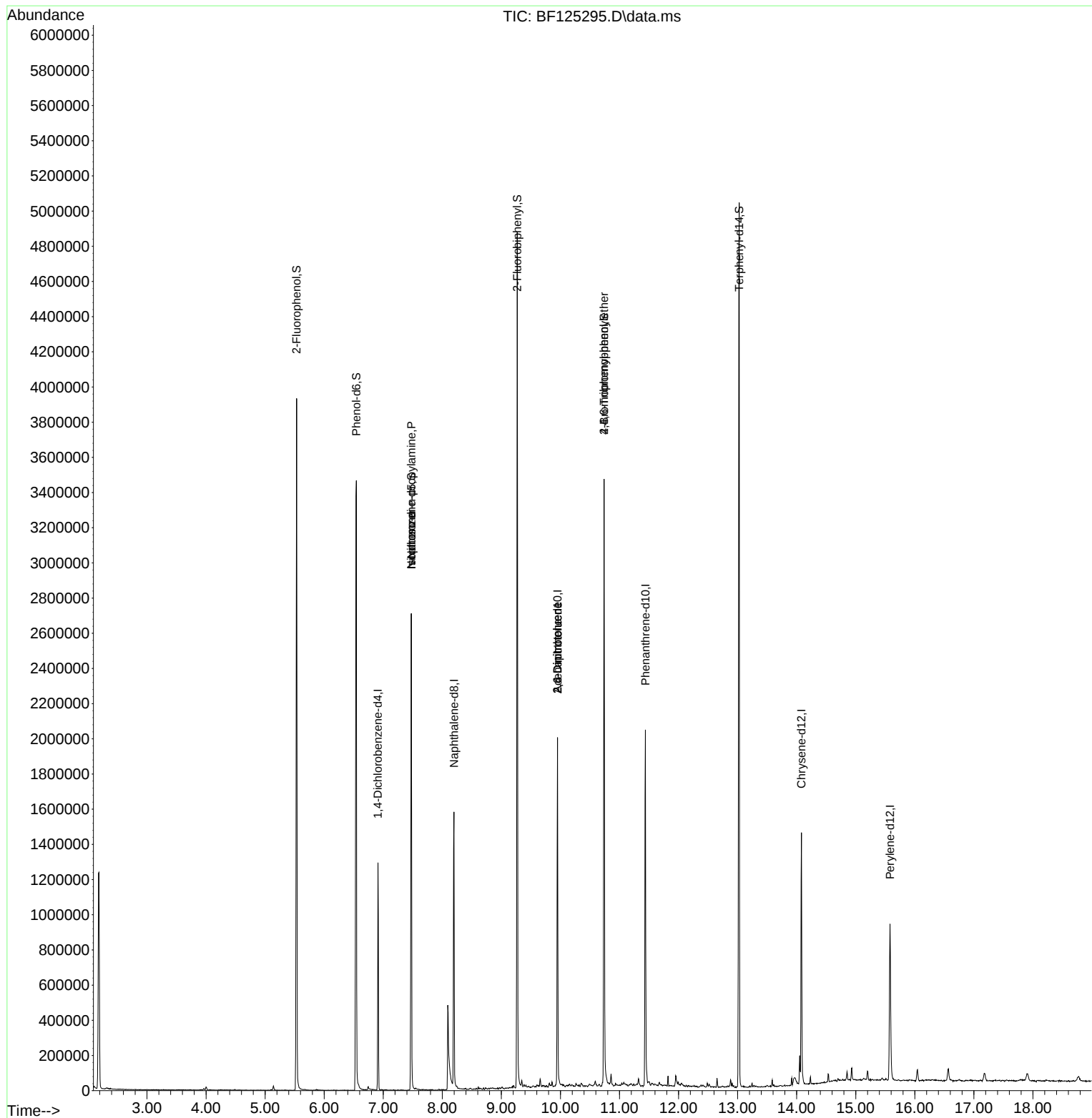
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	176398	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	700159	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	393975	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	763225	20.000	ng	0.00
76) Chrysene-d12	14.080	240	515790	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	463010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	990758	85.013	ng	0.00
7) Phenol-d6	6.545	99	1275492	84.623	ng	0.00
23) Nitrobenzene-d5	7.475	82	829965	59.678	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	441319	112.217	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1520844	53.802	ng	0.00
79) Terphenyl-d14	13.027	244	1944887	60.071	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	112581	12.418	ng	# 57
25) Isophorone	7.475	82	829954	30.935	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50587	8.545	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	50587	7.060	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	27006	2.947	ng	# 1

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

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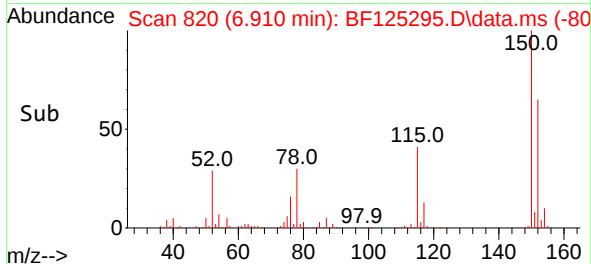
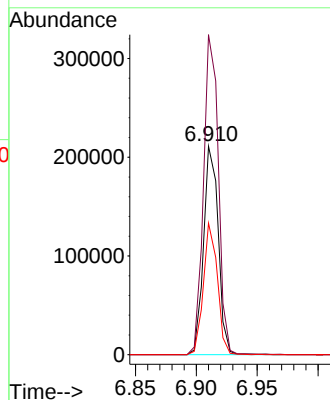
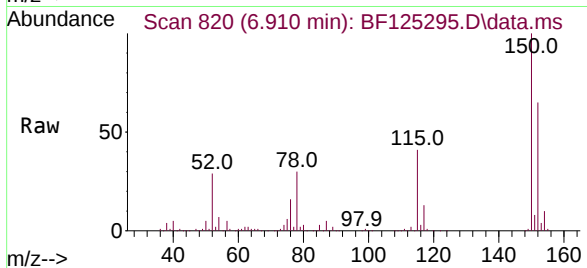




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 820
 Delta R.T. -0.006 min
 Lab File: BF125295.D
 Acq: 31 Aug 2021 18:44

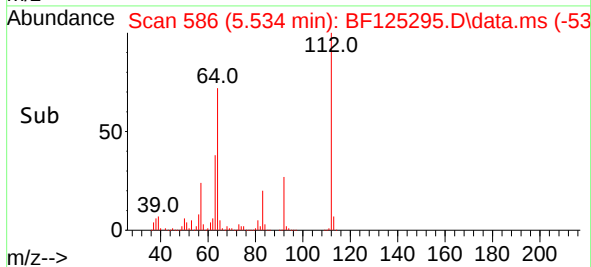
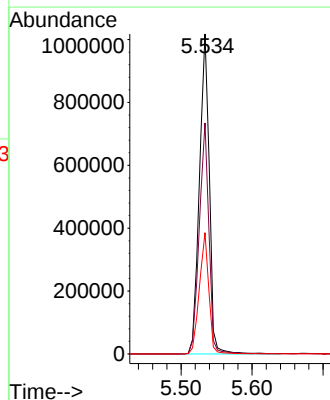
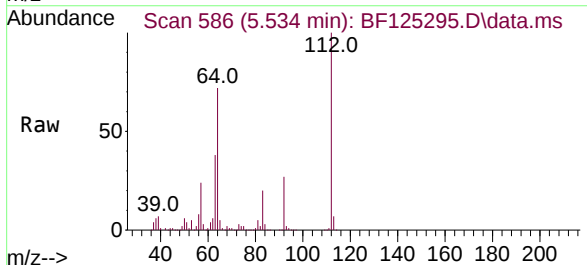
Instrument :
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 ClientSampleId :
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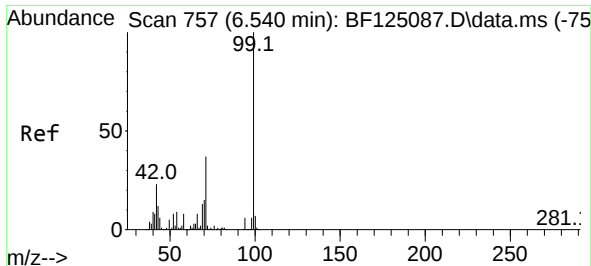
Tgt Ion:152 Resp: 176398
 Ion Ratio Lower Upper
 152 100
 150 153.5 117.6 176.4
 115 63.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 85.013 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF125295.D
 Acq: 31 Aug 2021 18:44

Tgt Ion:112 Resp: 990758
 Ion Ratio Lower Upper
 112 100
 64 72.2 44.2 66.2#
 63 37.9 26.2 39.2

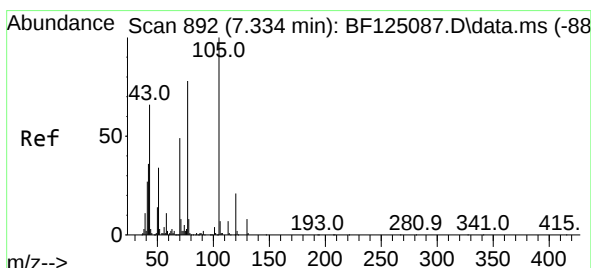
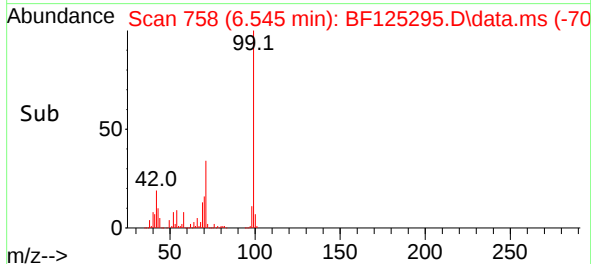
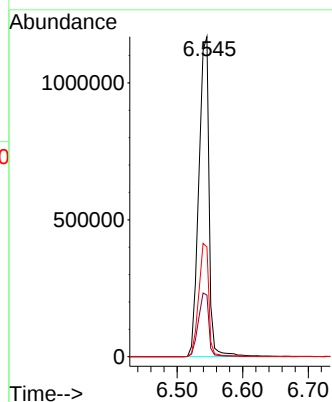
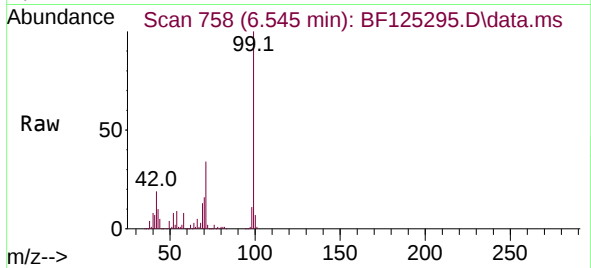




#7
Phenol-d6
Concen: 84.623 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

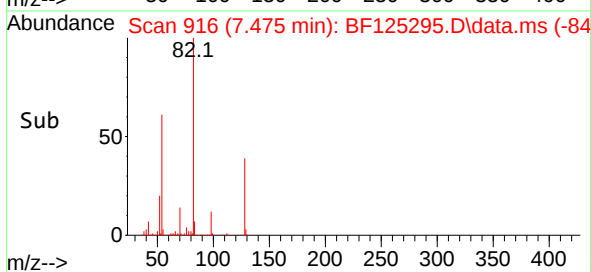
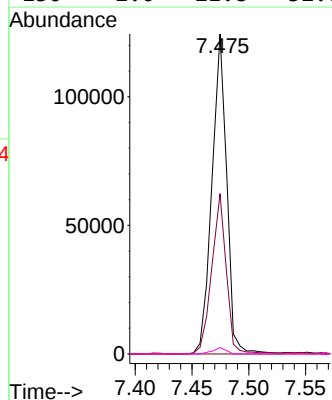
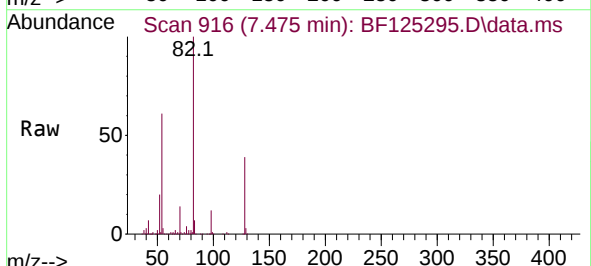
Instrument :
BNA_F
ClientSampleId :
RO-124030

Tgt Ion: 99 Resp: 1275492
Ion Ratio Lower Upper
99 100
42 19.2 23.5 35.3#
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.418 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion: 70 Resp: 112581
Ion Ratio Lower Upper
70 100
42 50.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

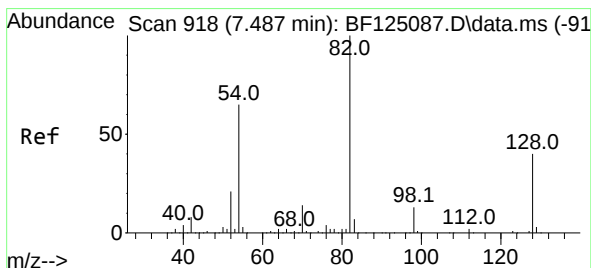
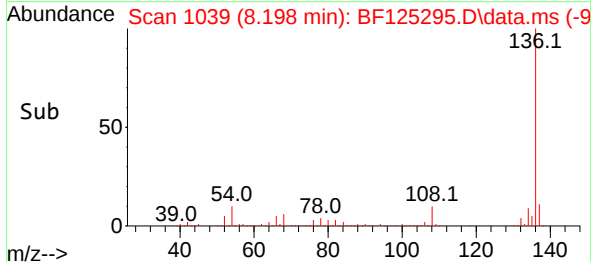
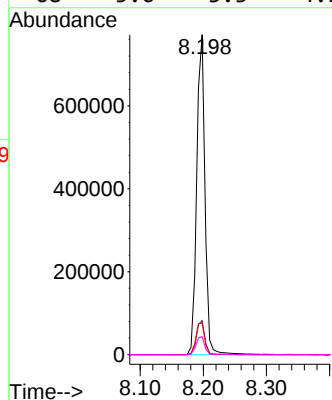
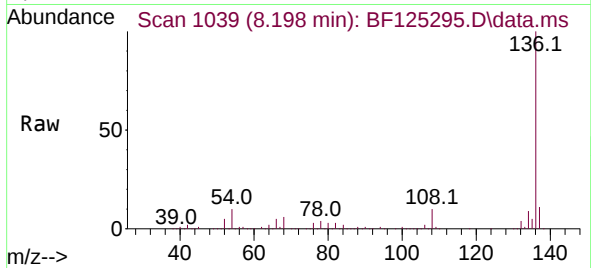




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

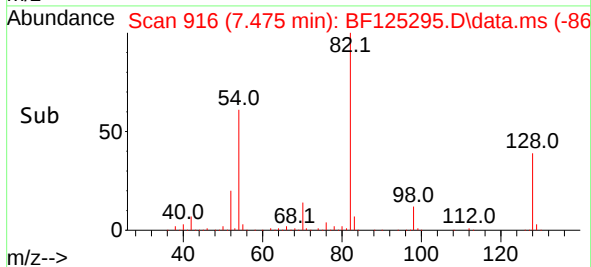
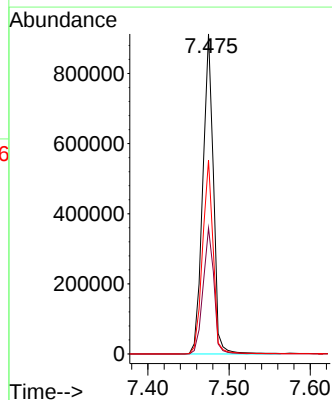
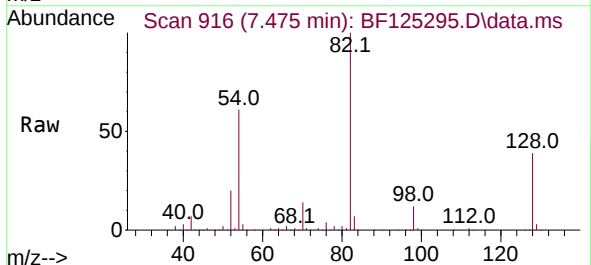
Instrument :
BNA_F
ClientSampleId :
RO-124030

Tgt Ion:	136	Resp:	700159
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	9.9	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 59.678 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion:	82	Resp:	829965
Ion Ratio	Lower	Upper	
82	100		
128	39.3	40.6	60.8#
54	60.6	49.6	74.4

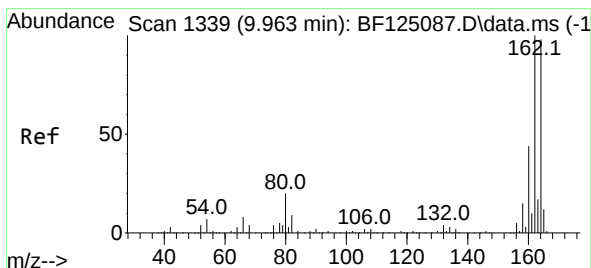
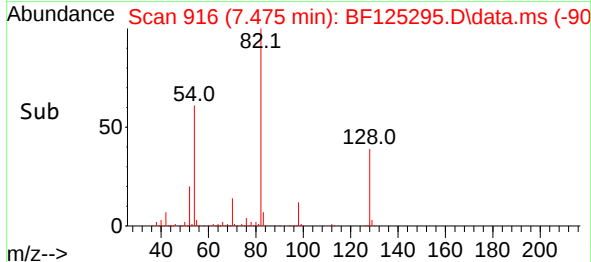
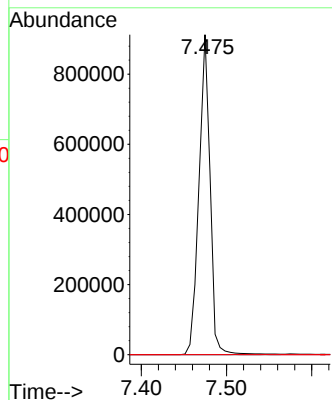
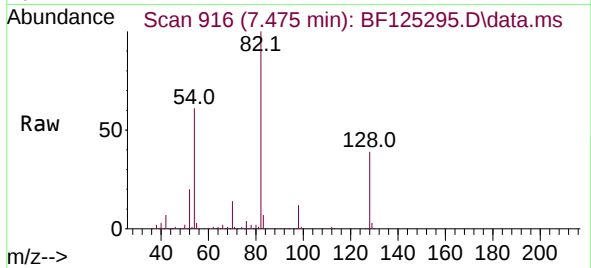




#25
Isophorone
Concen: 30.935 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

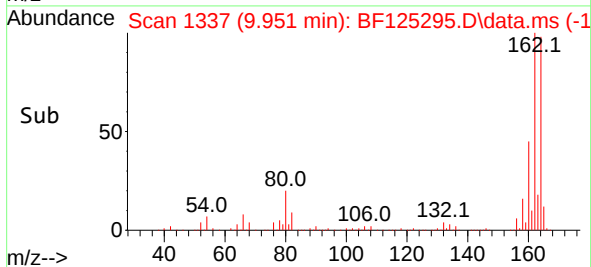
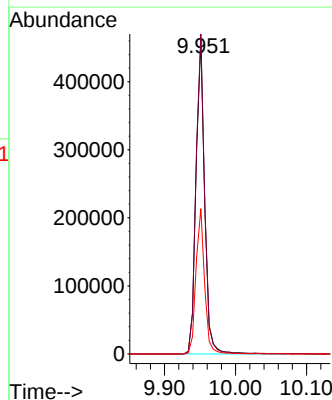
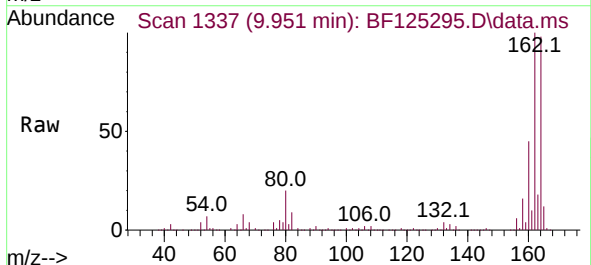
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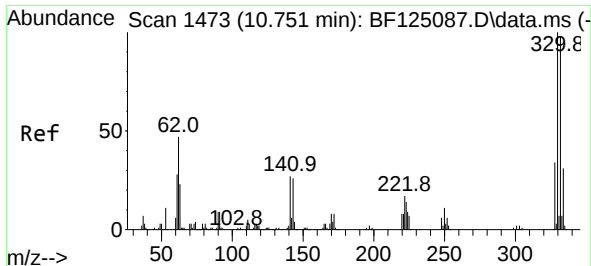
Tgt Ion: 82 Resp: 829954
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion: 164 Resp: 393975
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 46.2 38.0 57.0

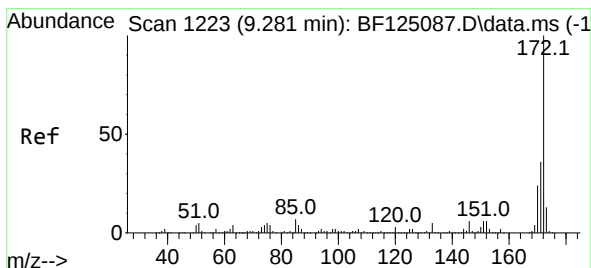
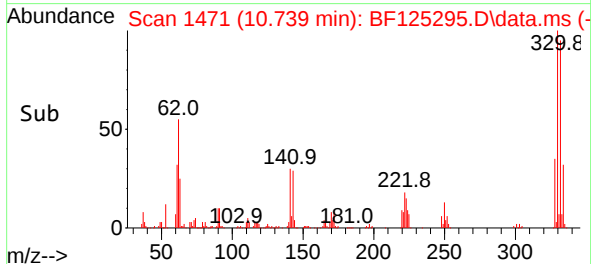
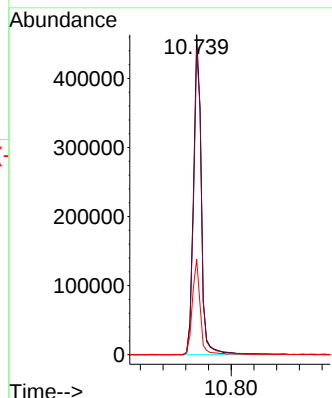
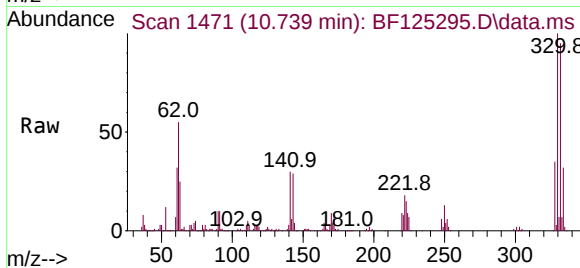




#42
2,4,6-Tribromophenol
Concen: 112.217 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

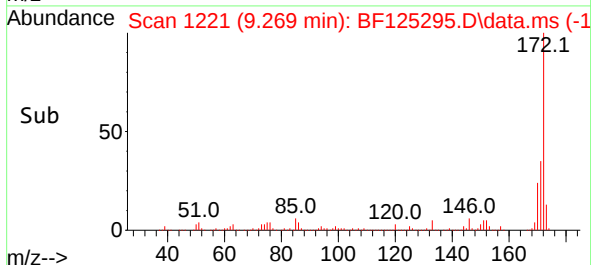
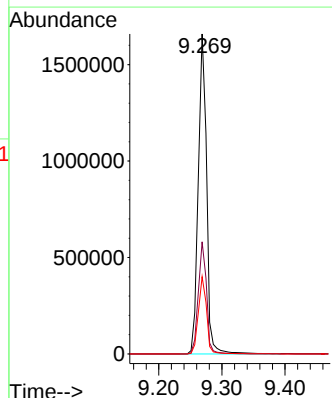
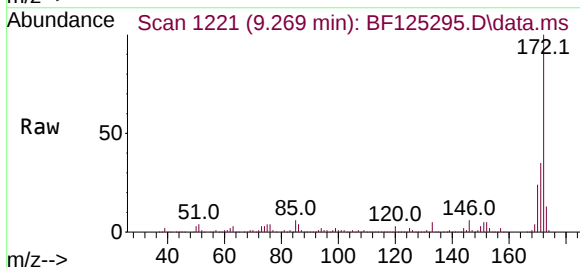
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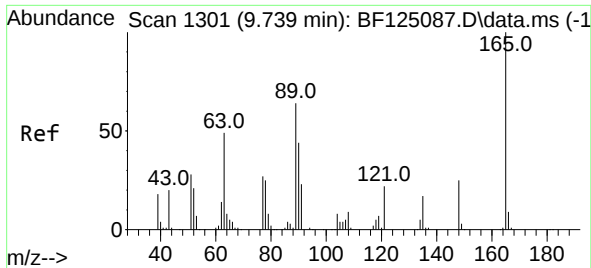
Tgt Ion:330 Resp: 441319
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.802 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion:172 Resp: 1520844
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.2 18.8 28.2

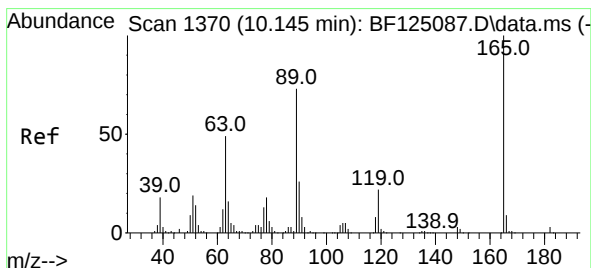
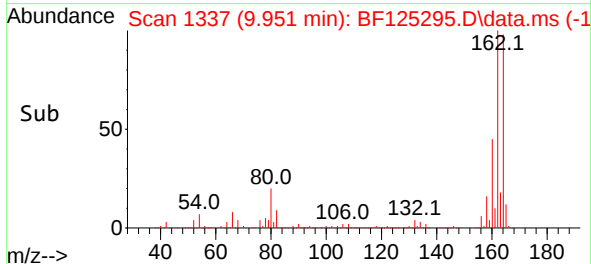
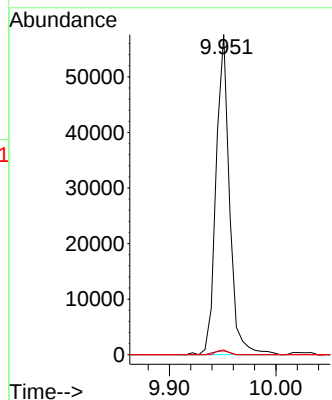
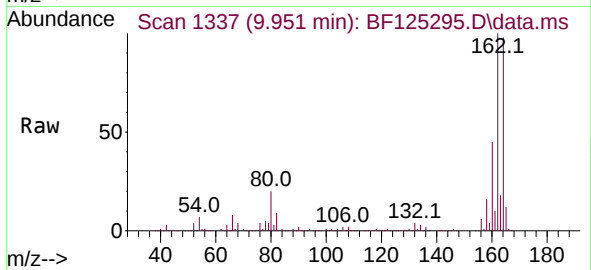




#51
2,6-Dinitrotoluene
Concen: 8.545 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

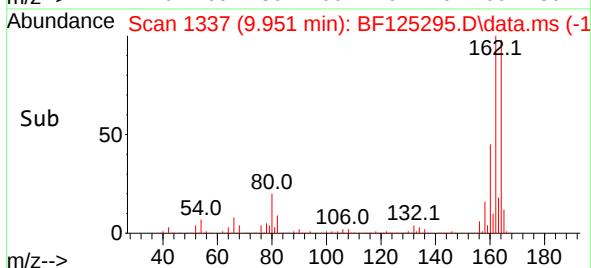
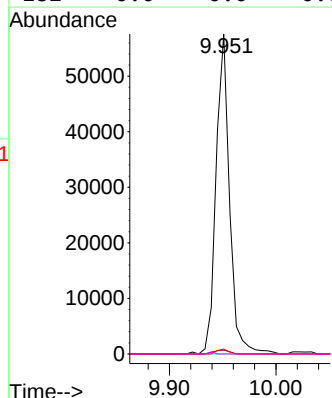
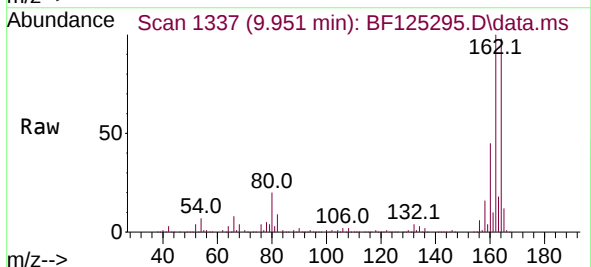
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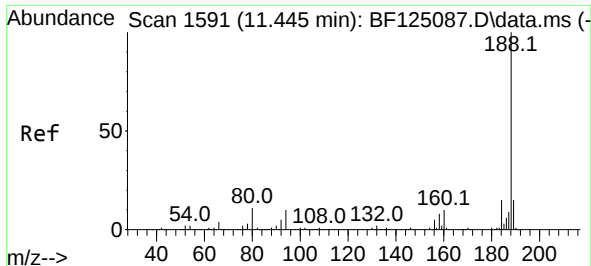
Tgt Ion:165 Resp: 50587
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.060 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion:165 Resp: 50587
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

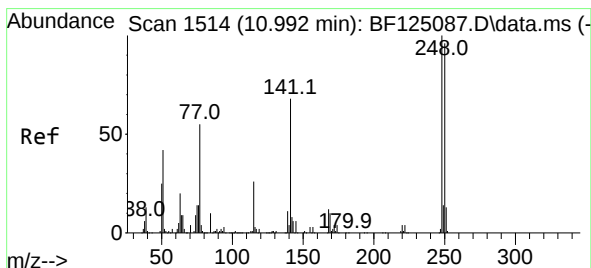
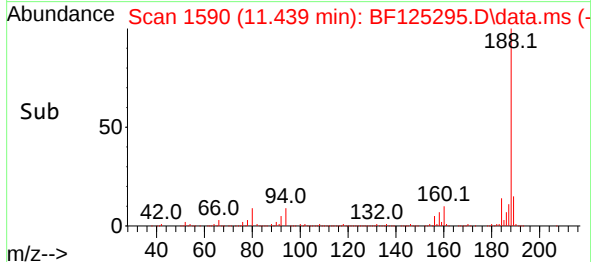
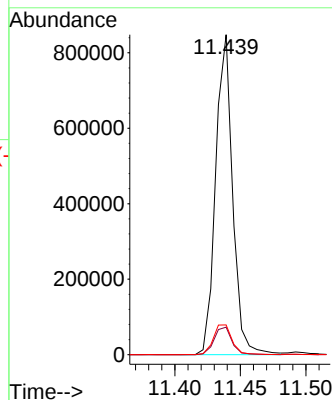
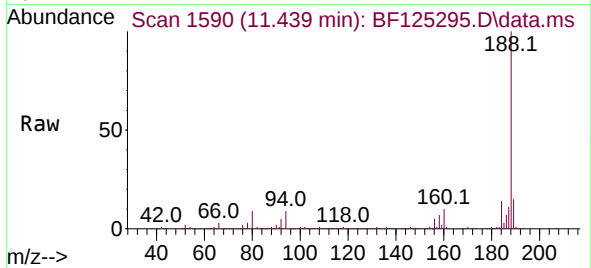




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

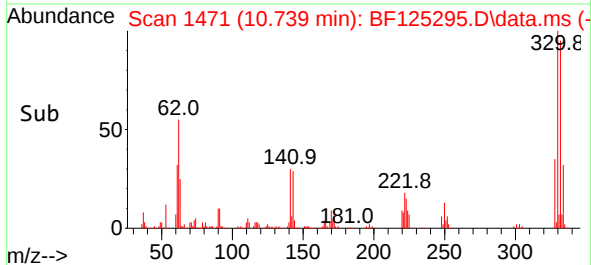
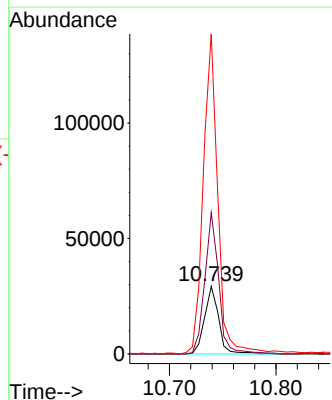
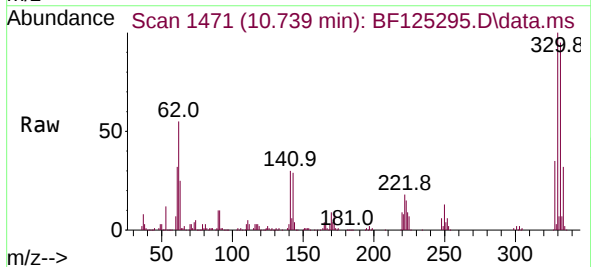
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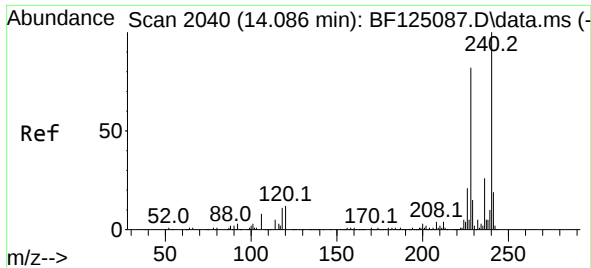
Tgt Ion:188 Resp: 763225
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.947 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Tgt Ion:248 Resp: 27006
Ion Ratio Lower Upper
248 100
250 209.4 74.2 111.4#
141 473.6 60.4 90.6#

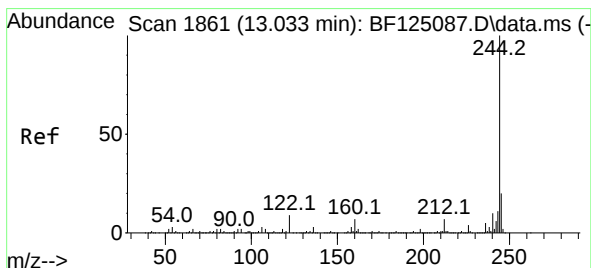
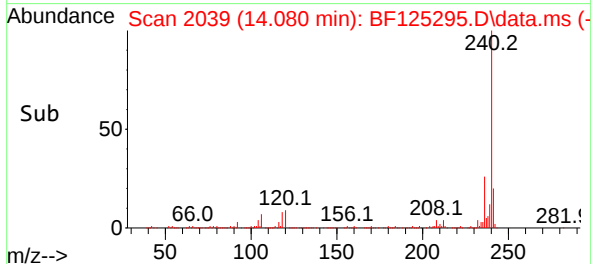
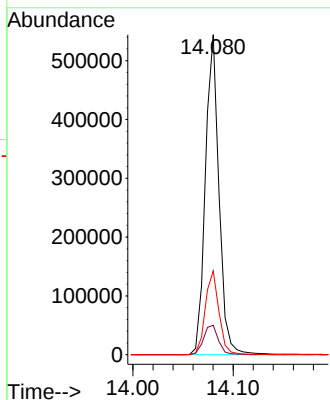
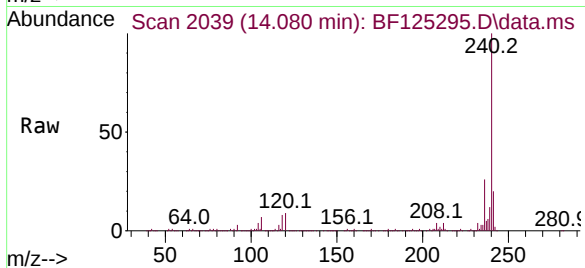




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

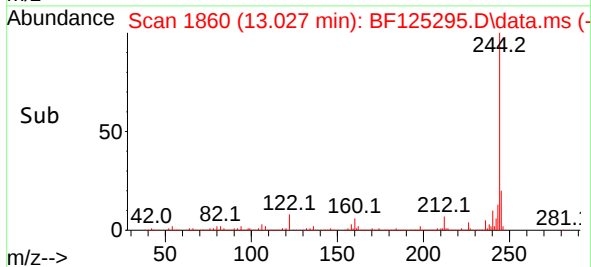
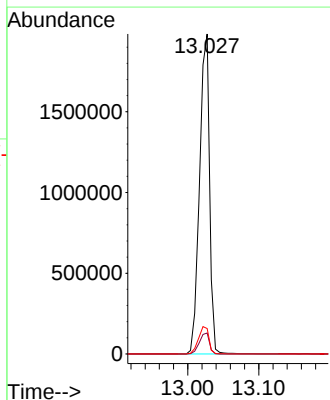
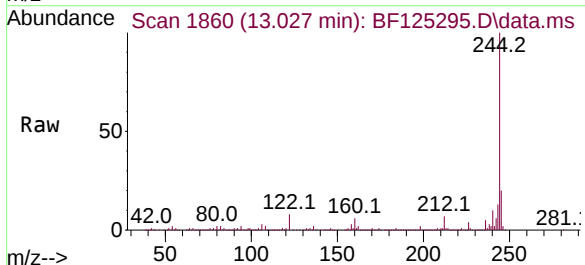
Instrument :
BNA_F
ClientSampleId :
RO-124030

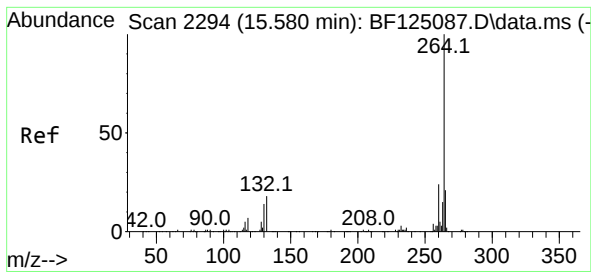
Tgt Ion:240 Resp: 515790
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 60.071 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

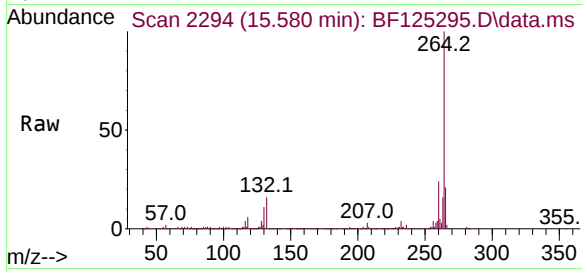
Tgt Ion:244 Resp: 1944887
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.9 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125295.D
Acq: 31 Aug 2021 18:44

Instrument :
BNA_F
ClientSampleId :
RO-124030



Tgt Ion:264 Resp: 463010
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.4 17.2 25.8

