

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140291.D
 Acq On : 08 Nov 2024 11:54
 Operator : RC/JU
 Sample : P4732-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPE-COMP

Quant Time: Nov 08 12:31:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

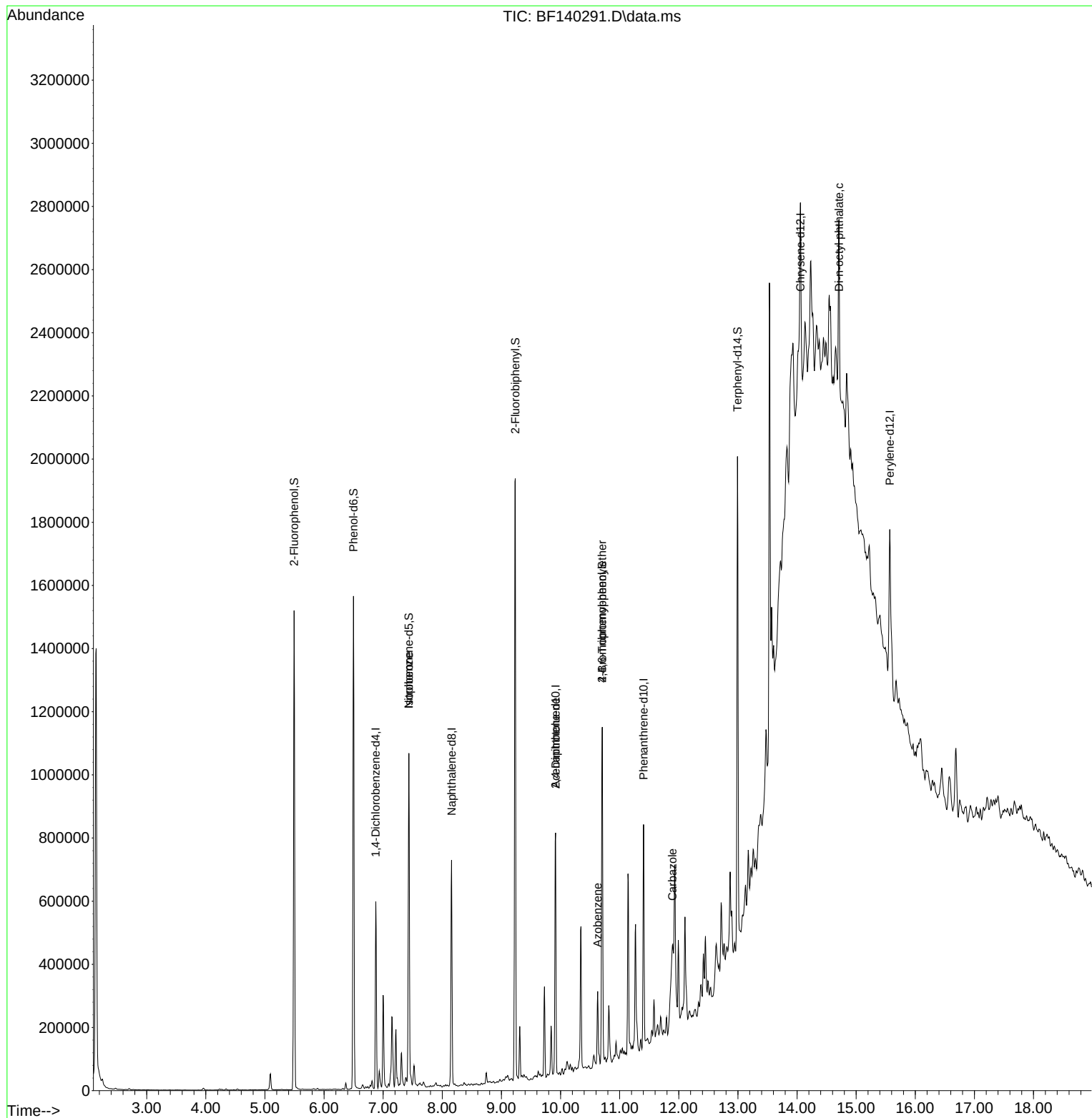
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115511	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	427356	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	240062	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	366767	20.000	ng	0.00
76) Chrysene-d12	14.057	240	247843	20.000	ng	0.00
86) Perylene-d12	15.568	264	281642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	545328	78.237	ng	0.00
7) Phenol-d6	6.498	99	703331	78.449	ng	0.00
23) Nitrobenzene-d5	7.434	82	459216	53.425	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	182166	76.770	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	864563	57.507	ng	0.00
79) Terphenyl-d14	12.992	244	760247	50.249	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.434	82	453196	30.621	ng	# 67
57) 2,4-Dinitrotoluene	9.916	165	31367	6.955	ng	# 20
63) Azobenzene	10.628	77	58738	3.857	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	12003	3.039	ng	# 1
73) Carbazole	11.892	167	38139	2.432	ng	# 70
85) Di-n-octyl phthalate	14.710	149	80718	5.193	ng	# 57

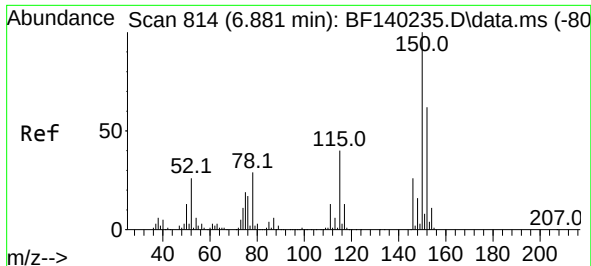
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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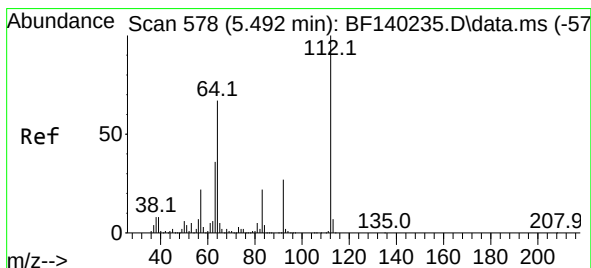
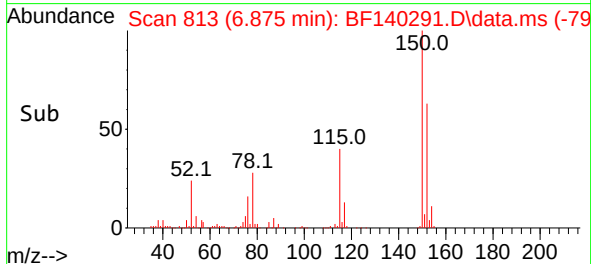
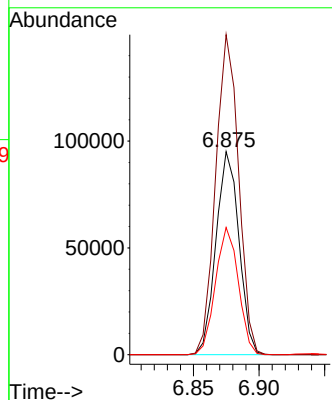
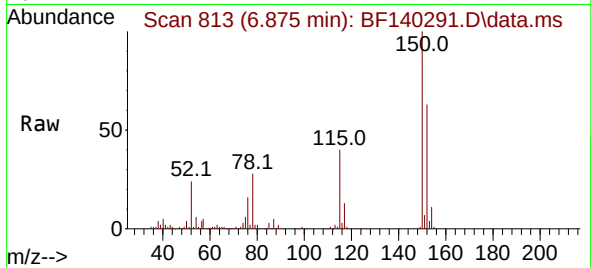




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

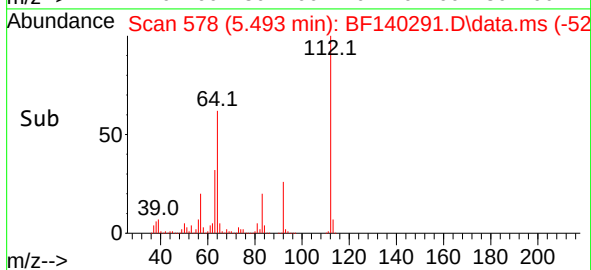
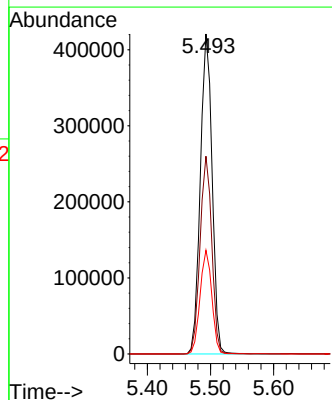
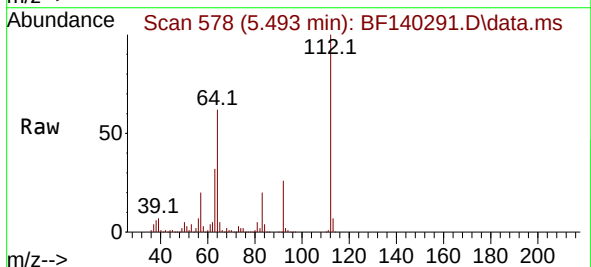
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

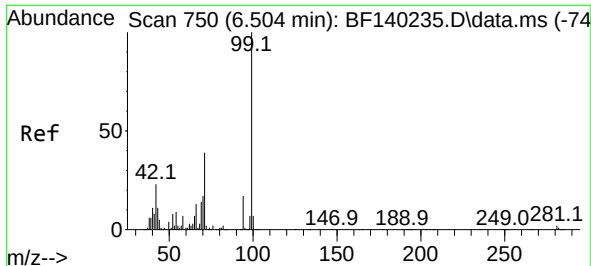
Tgt Ion:152 Resp: 115511
Ion Ratio Lower Upper
152 100
150 157.6 129.4 194.2
115 62.6 51.5 77.3



#5
2-Fluorophenol
Concen: 78.237 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:112 Resp: 545328
Ion Ratio Lower Upper
112 100
64 61.8 53.4 80.2
63 32.4 28.9 43.3

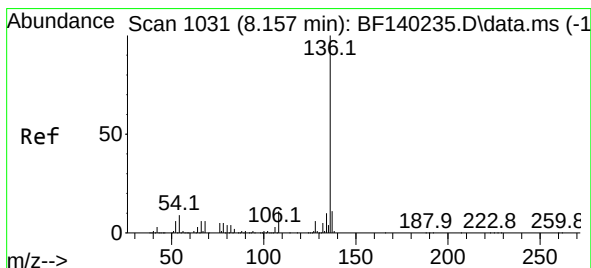
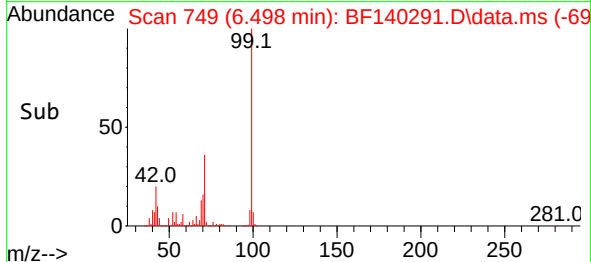
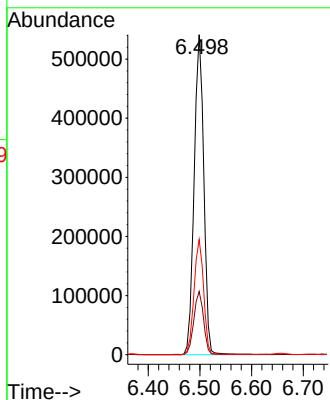
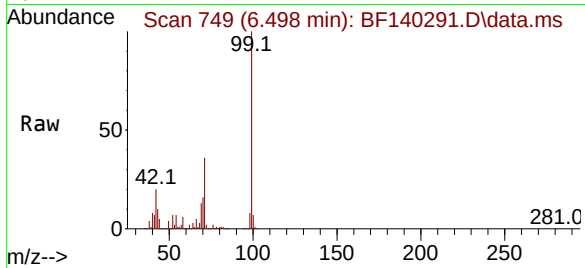




#7
Phenol-d6
Concen: 78.449 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

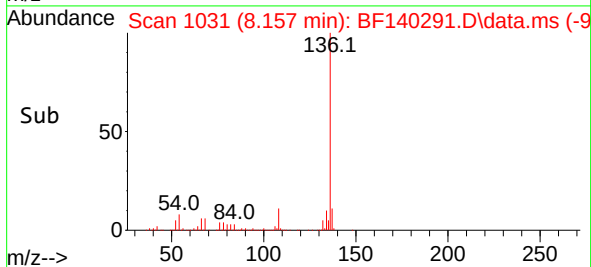
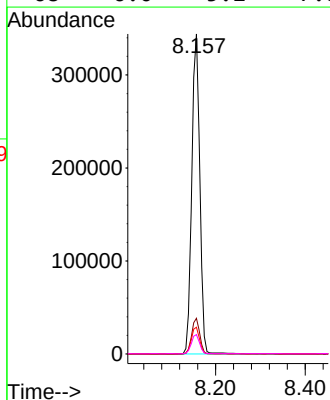
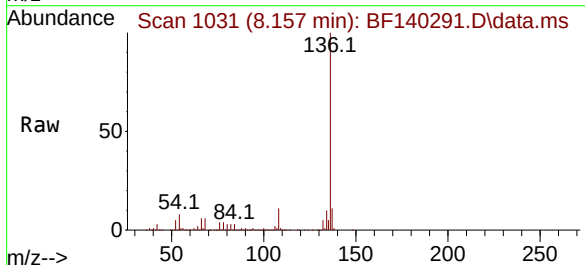
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

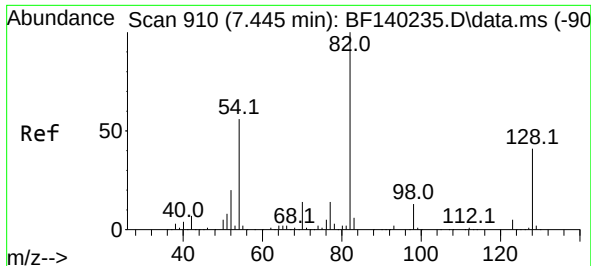
Tgt Ion: 99 Resp: 703331
Ion Ratio Lower Upper
99 100
42 19.7 18.2 27.2
71 36.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion: 136 Resp: 427356
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.4 7.7 11.5
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 53.425 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140291.D

Acq: 08 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PPE-COMP

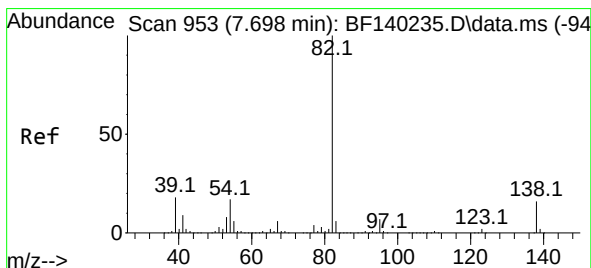
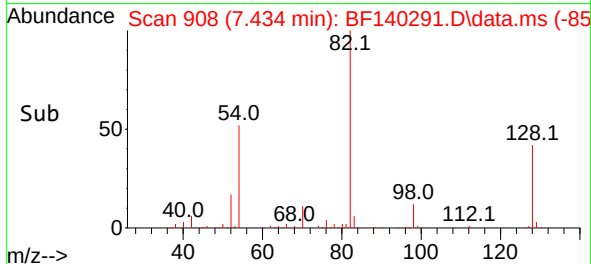
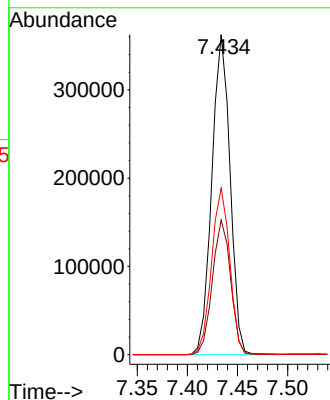
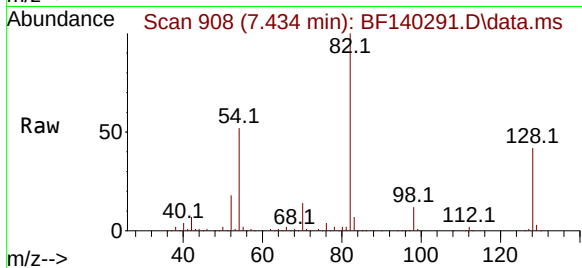
Tgt Ion: 82 Resp: 459216

Ion Ratio Lower Upper

82 100

128 42.0 32.8 49.2

54 52.1 44.3 66.5



#25

Isophorone

Concen: 30.621 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140291.D

Acq: 08 Nov 2024 11:54

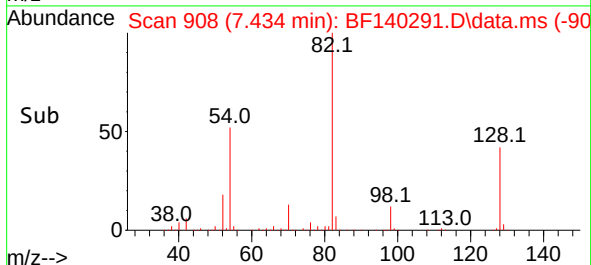
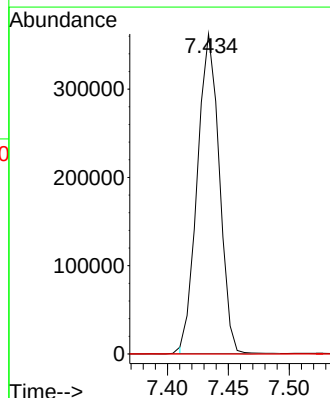
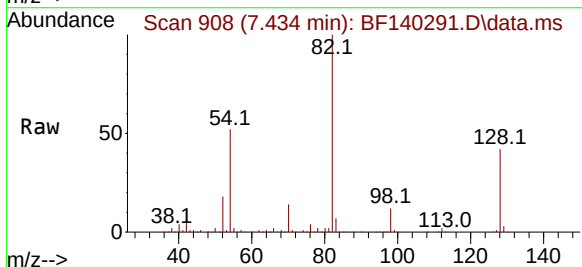
Tgt Ion: 82 Resp: 453196

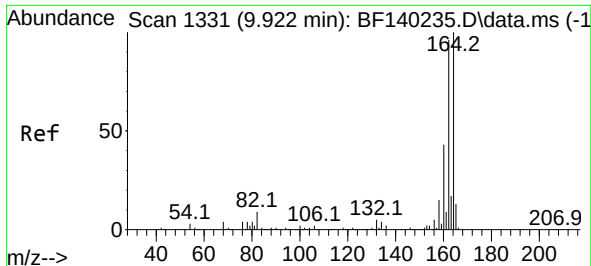
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 12.9 19.3#

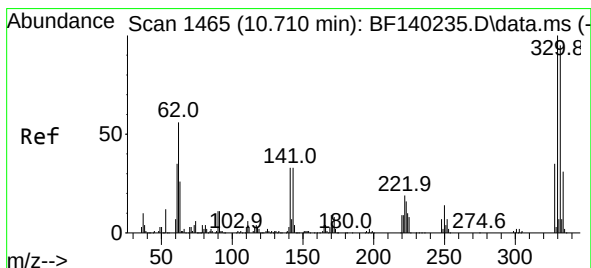
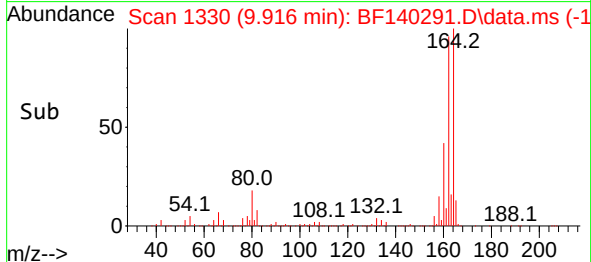
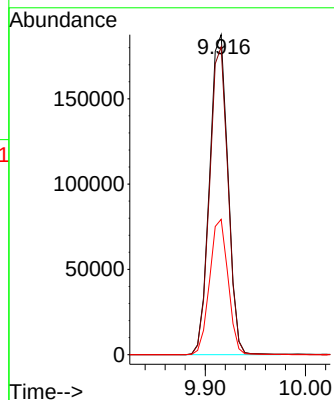
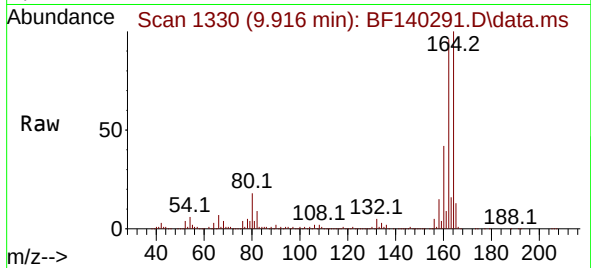




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

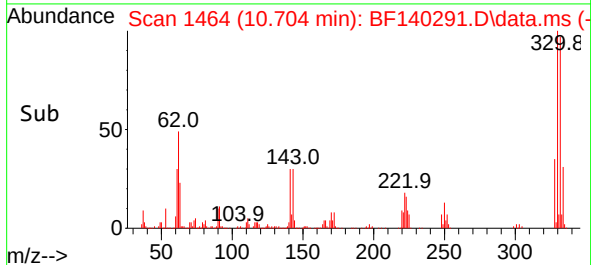
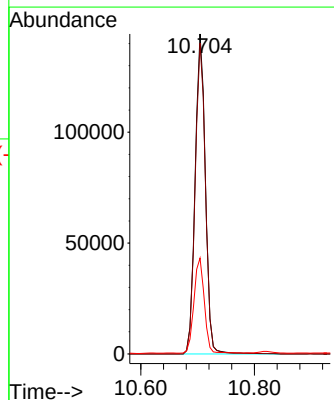
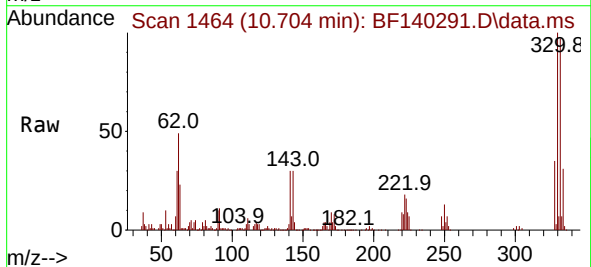
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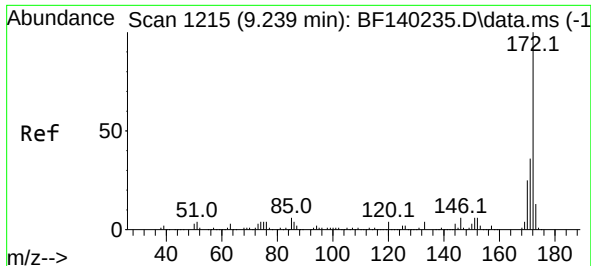
Tgt Ion:164 Resp: 240062
Ion Ratio Lower Upper
164 100
162 96.2 77.0 115.4
160 42.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 76.770 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:330 Resp: 182166
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 29.9 27.0 40.4

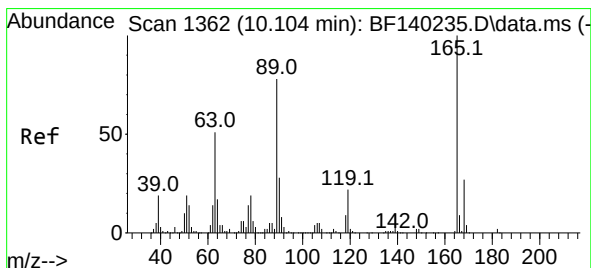
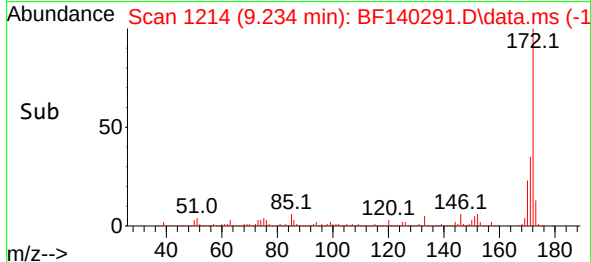
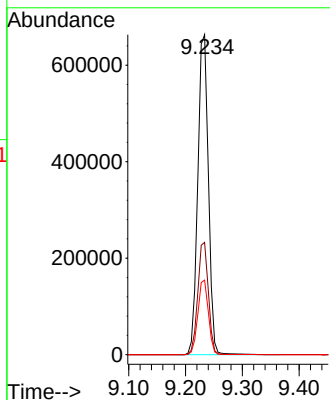
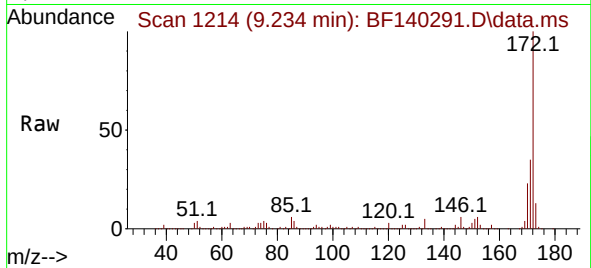




#45
2-Fluorobiphenyl
Concen: 57.507 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

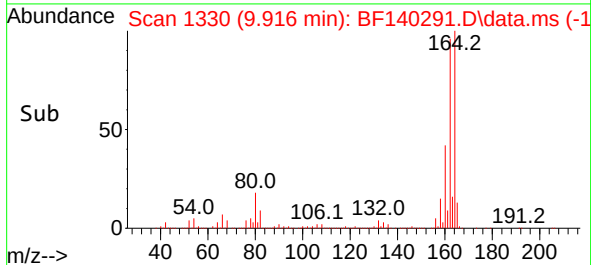
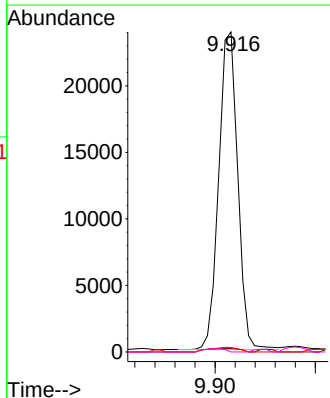
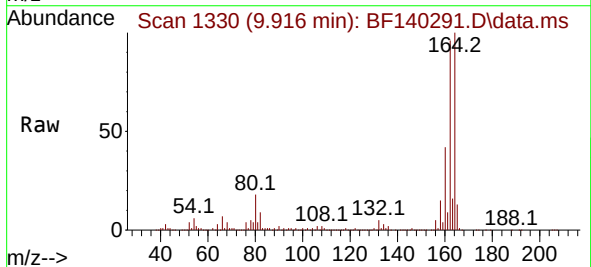
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

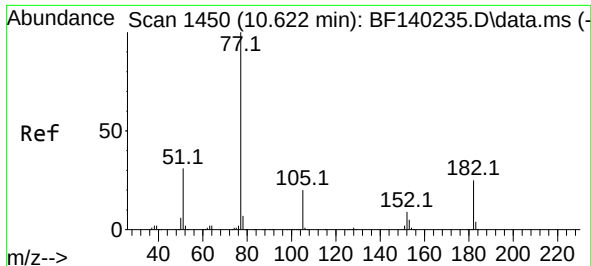
Tgt Ion:172 Resp: 864563
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.6 29.4



#57
2,4-Dinitrotoluene
Concen: 6.955 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:165 Resp: 31367
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.4 62.6 94.0#
182 0.0 2.0 3.0#

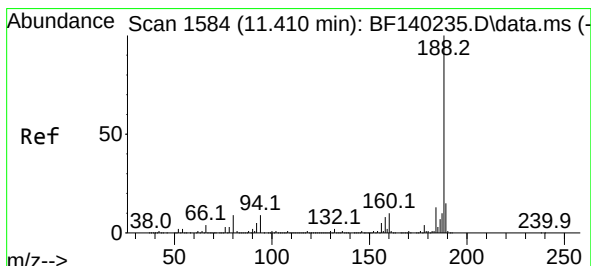
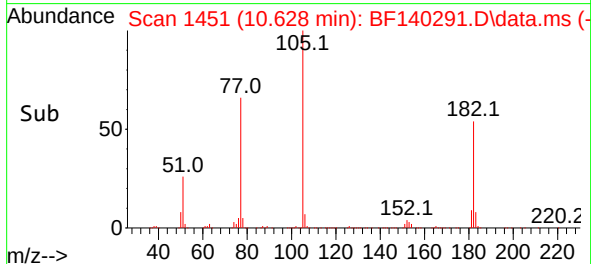
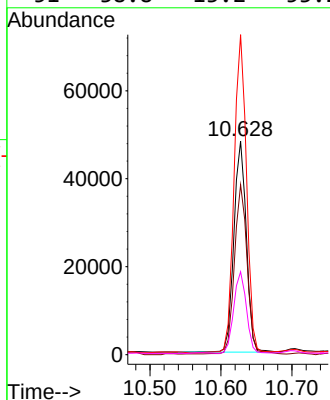
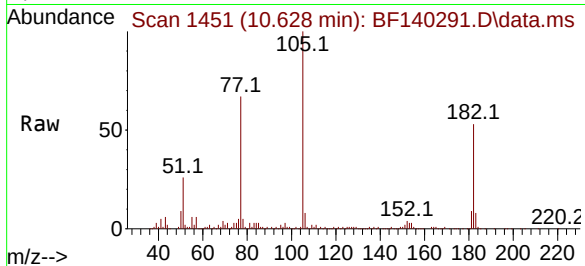




#63
Azobenzene
Concen: 3.857 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

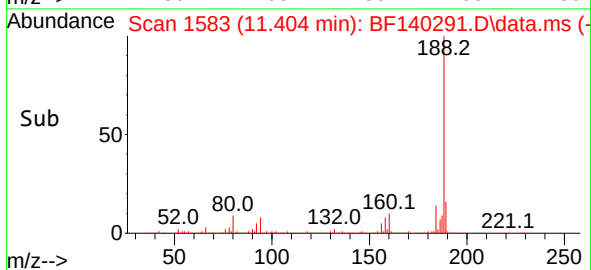
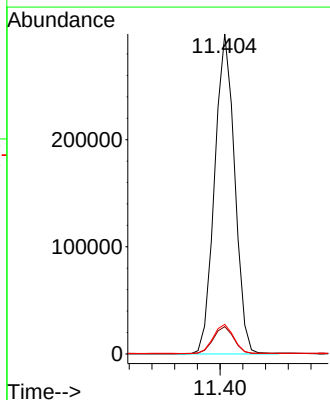
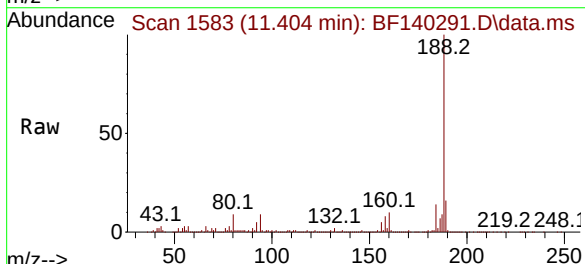
Instrument :
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PPE-COMP

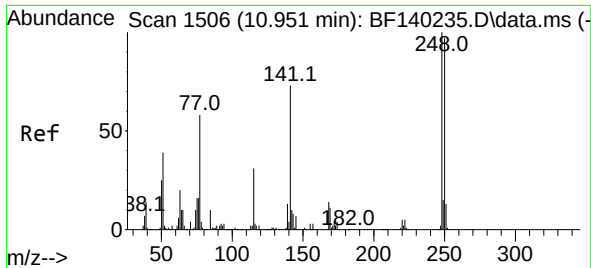
Tgt Ion: 77	Resp: 58738
Ion Ratio	Lower Upper
77 100	
182 79.5	4.7 44.7#
105 149.8	0.0 40.0#
51 38.8	13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion: 188	Resp: 366767
Ion Ratio	Lower Upper
188 100	
94 8.6	6.9 10.3
80 9.2	7.5 11.3

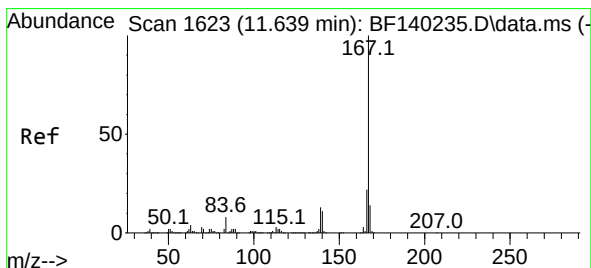
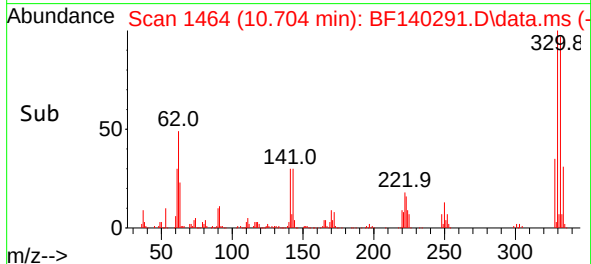
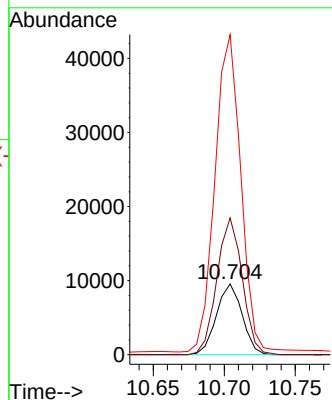
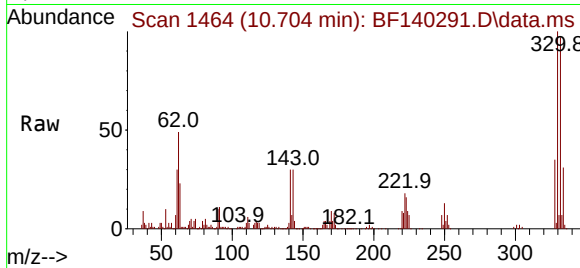




#67
4-Bromophenyl-phenylether
Concen: 3.039 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

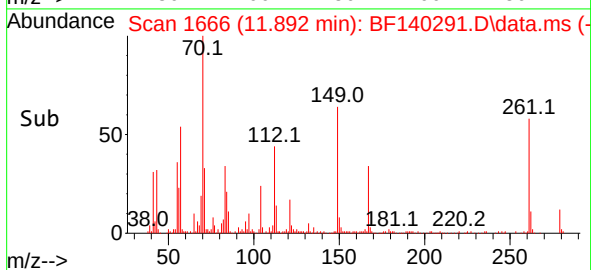
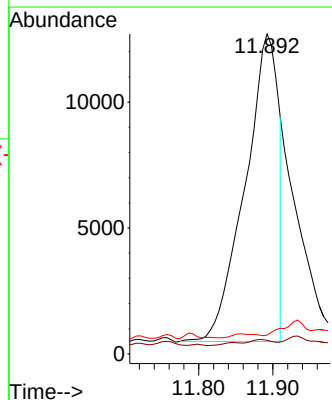
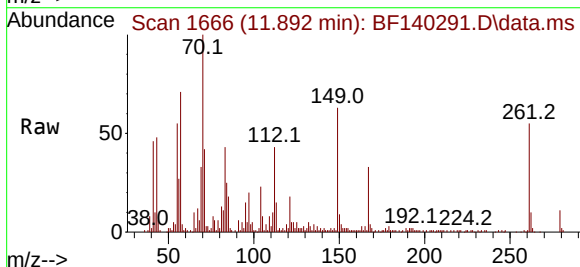
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

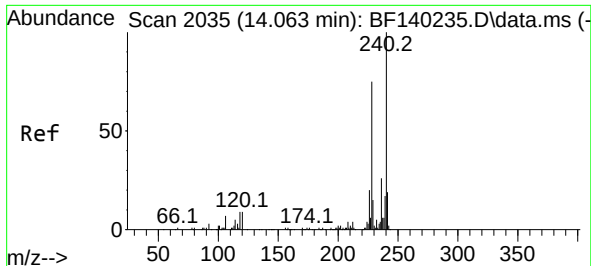
Tgt Ion:248 Resp: 12003
Ion Ratio Lower Upper
248 100
250 193.3 77.9 116.9#
141 452.3 58.6 88.0#



#73
Carbazole
Concen: 2.432 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.253 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:167 Resp: 38139
Ion Ratio Lower Upper
167 100
166 4.3 17.3 25.9#
139 5.9 10.7 16.1#

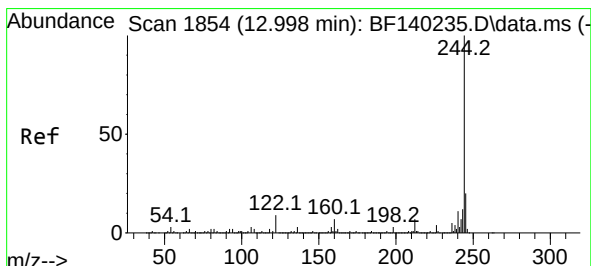
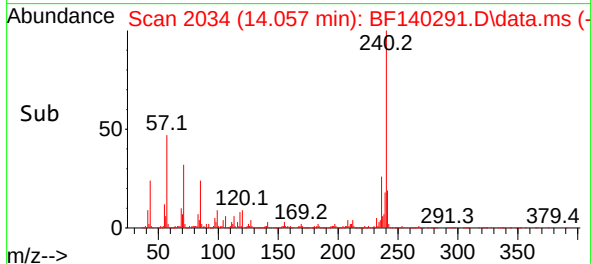
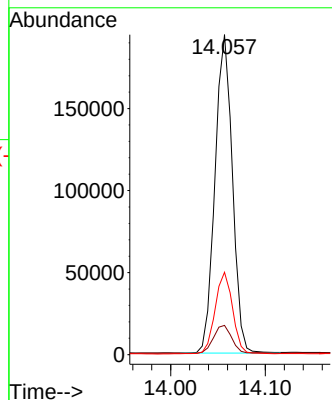
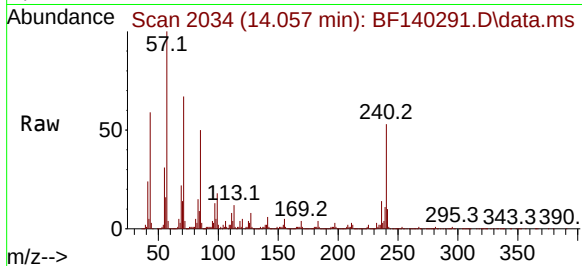




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

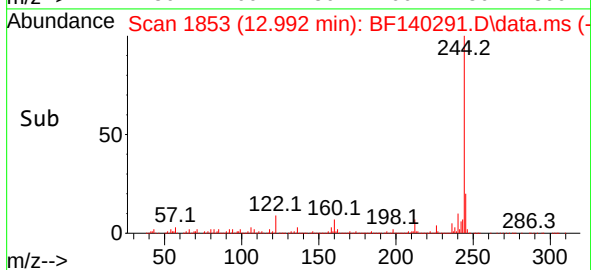
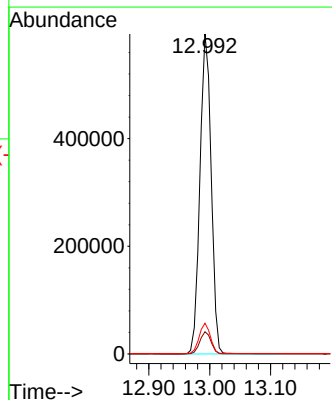
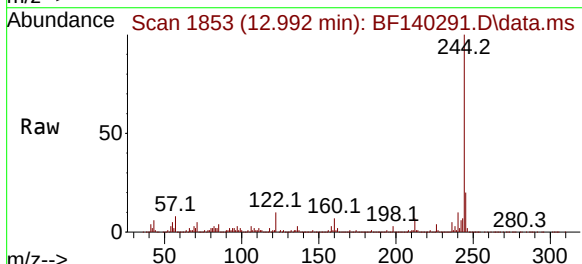
Instrument :
BNA_F
ClientSampleId :
PPE-COMP

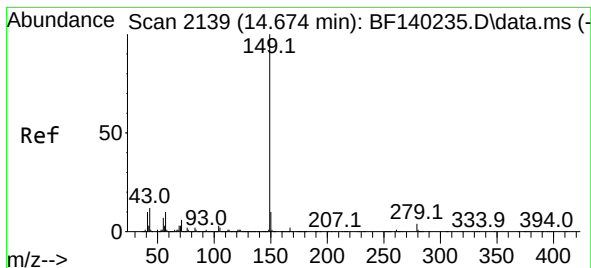
Tgt Ion:240 Resp: 247843
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 50.249 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140291.D
Acq: 08 Nov 2024 11:54

Tgt Ion:244 Resp: 760247
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.6 7.6 11.4





#85

Di-n-octyl phthalate

Concen: 5.193 ng

RT: 14.710 min Scan# 2145

Delta R.T. 0.035 min

Lab File: BF140291.D

Acq: 08 Nov 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PPE-COMP

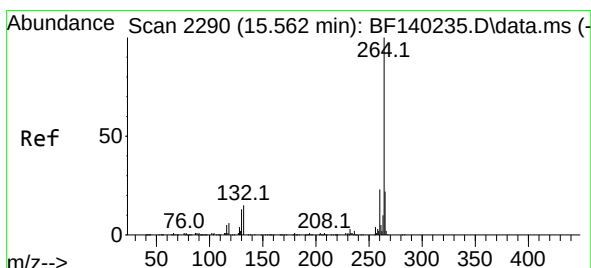
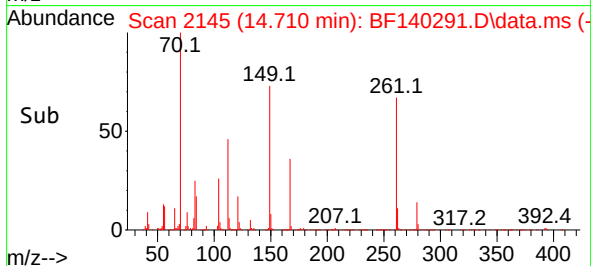
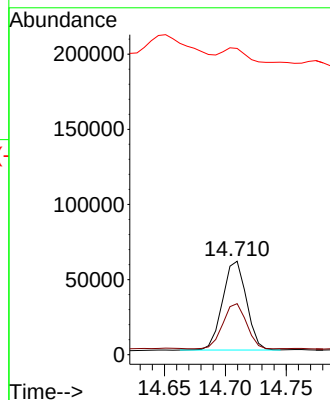
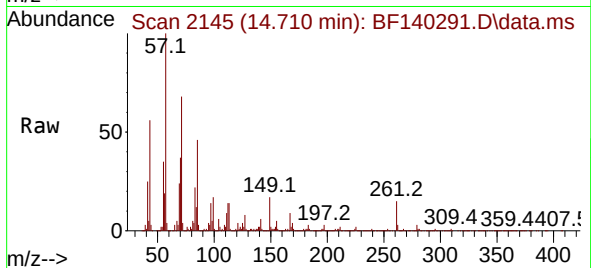
Tgt Ion:149 Resp: 80718

Ion Ratio Lower Upper

149 100

167 50.2 1.3 1.9#

43 0.0 9.7 14.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.006 min

Lab File: BF140291.D

Acq: 08 Nov 2024 11:54

Tgt Ion:264 Resp: 281642

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.7 17.3 25.9

