

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140003.D
 Acq On : 24 Oct 2024 16:19
 Operator : RC/JU
 Sample : P4489-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2675DL

Quant Time: Oct 24 17:15:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

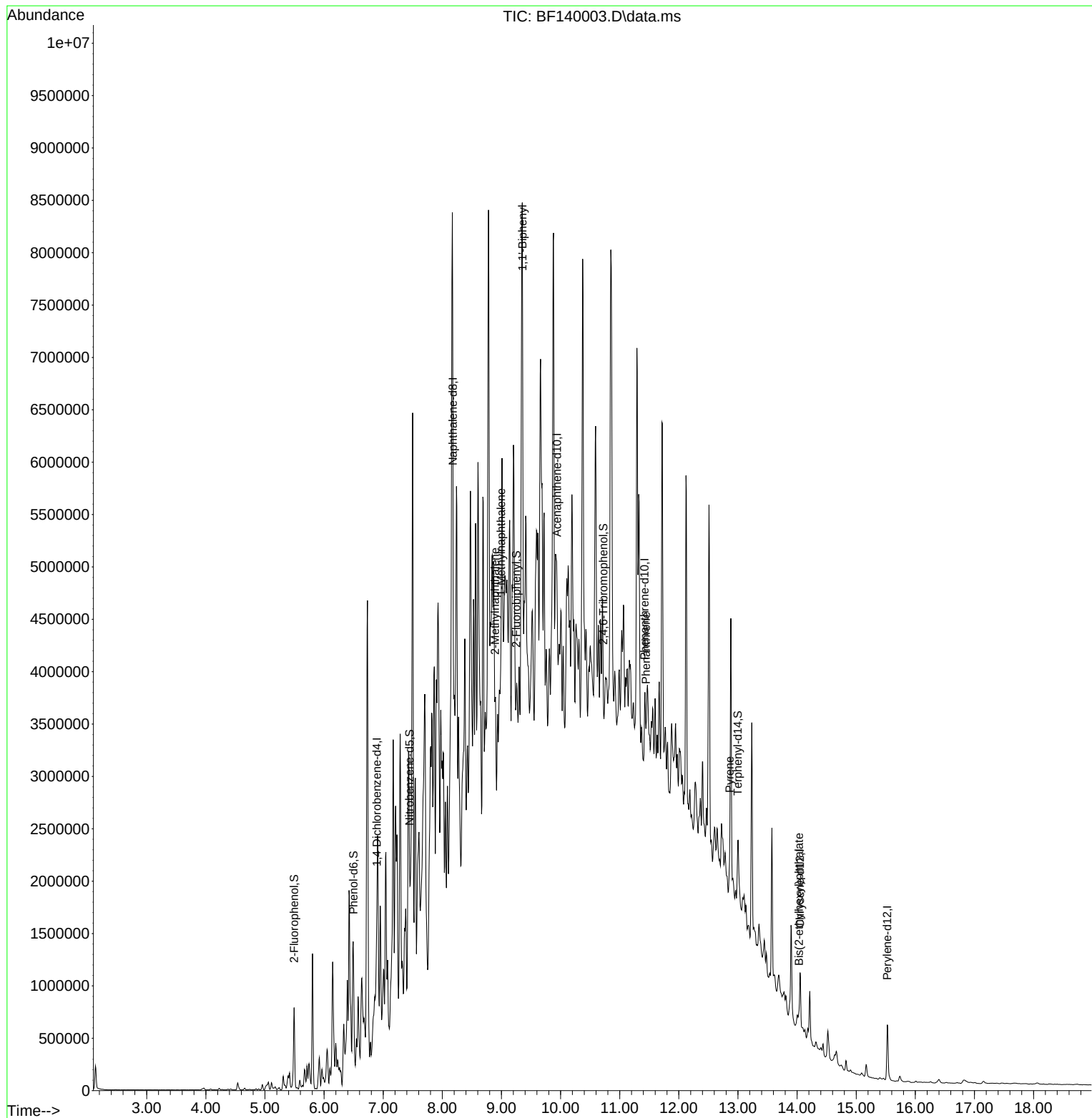
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	109028	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	243975	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	153212	20.000	ng	0.01
64) Phenanthrene-d10	11.422	188	215554	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	253845	20.000	ng	0.00
86) Perylene-d12	15.527	264	319967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	153316	22.014	ng	0.00
7) Phenol-d6	6.498	99	196622	21.798	ng	-0.01
23) Nitrobenzene-d5	7.445	82	200032	45.441	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	26512	18.500	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	171685	18.520	ng	0.00
79) Terphenyl-d14	12.998	244	164997	10.591	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.892	142	285282	37.020	ng	98
38) 1-Methylnaphthalene	8.992	142	179426	23.732	ng	93
46) 1,1'-Biphenyl	9.357	154	75852	7.112	ng	99
71) Phenanthrene	11.445	178	36501	3.585	ng	# 49
78) Pyrene	12.863	202	66477	2.992	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.033	149	41168	5.508	ng	# 94

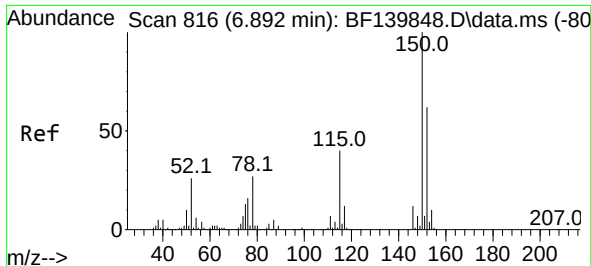
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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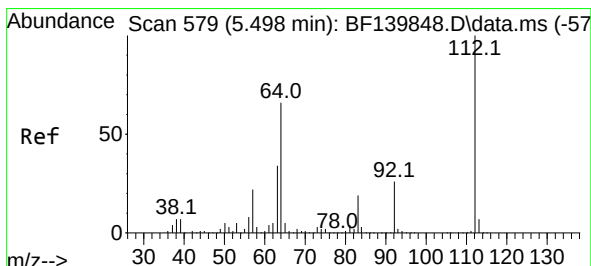
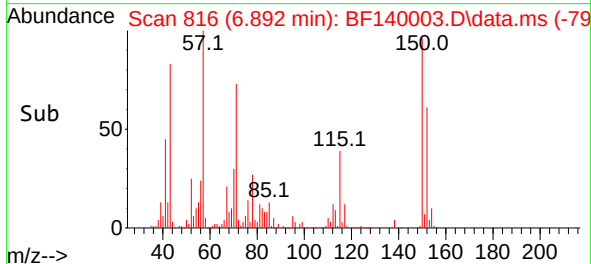
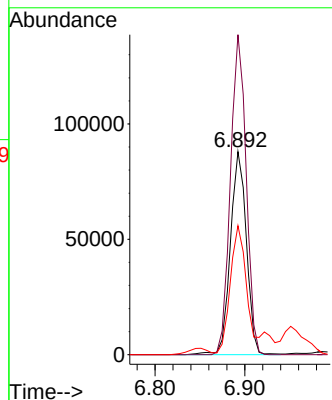
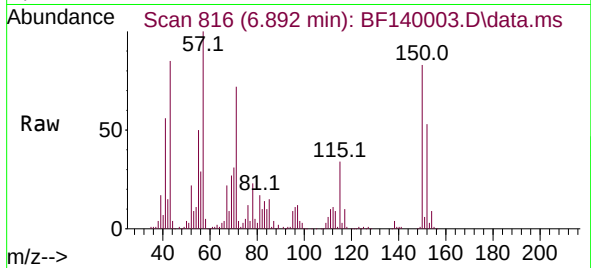




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

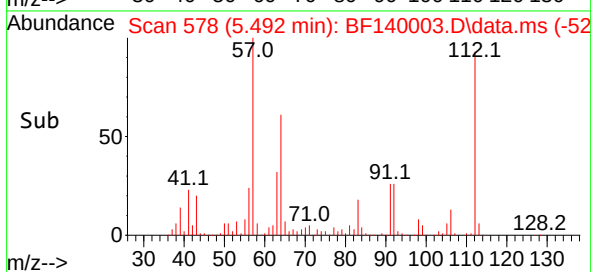
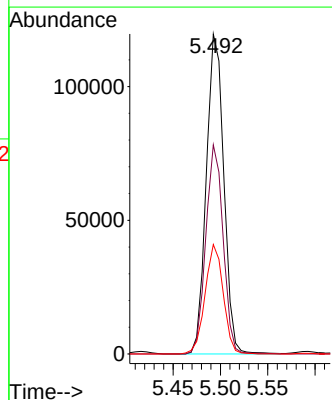
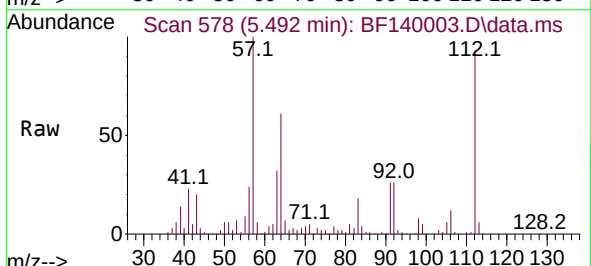
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

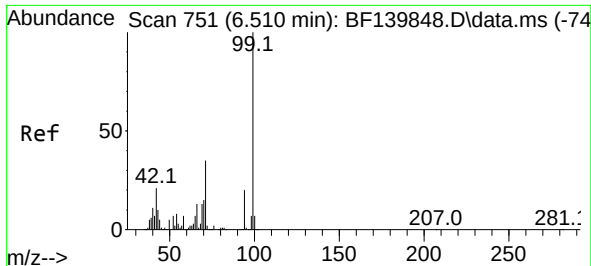
Tgt Ion:152 Resp: 109028
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 22.014 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:112 Resp: 153316
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 34.2 27.0 40.4

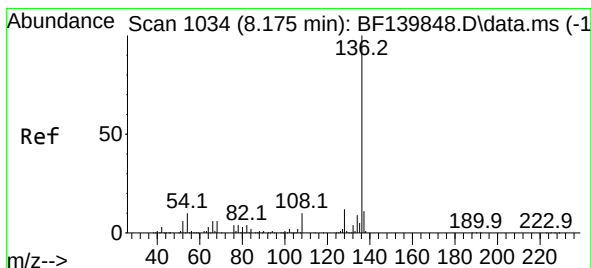
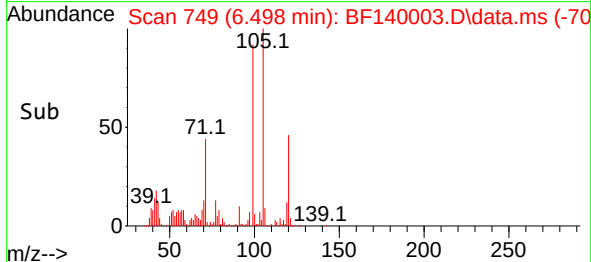
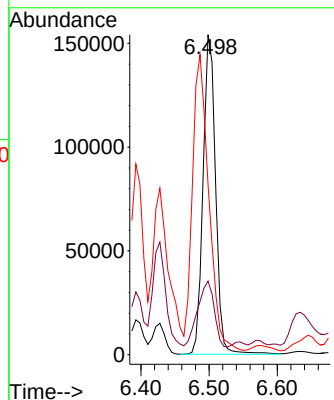
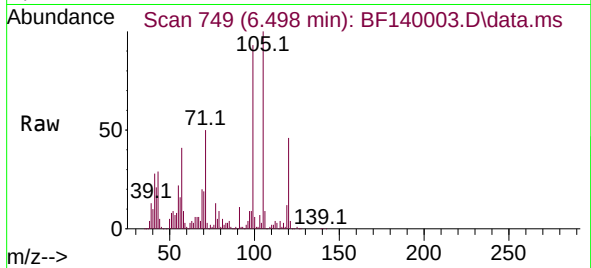




#7
Phenol-d6
Concen: 21.798 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

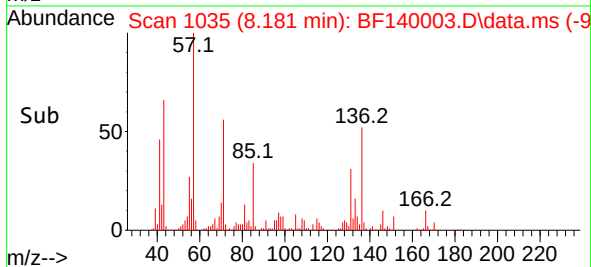
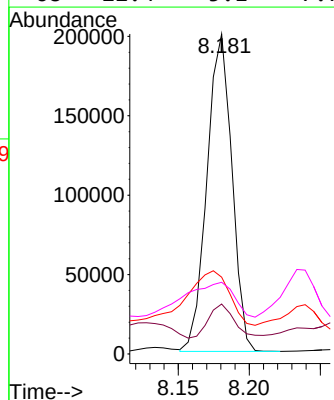
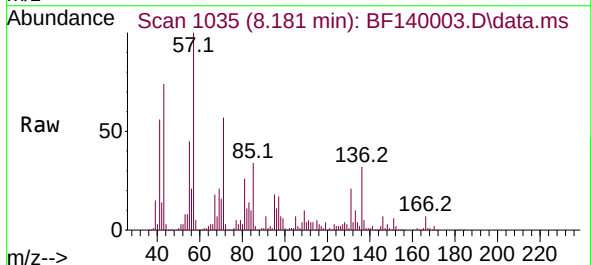
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

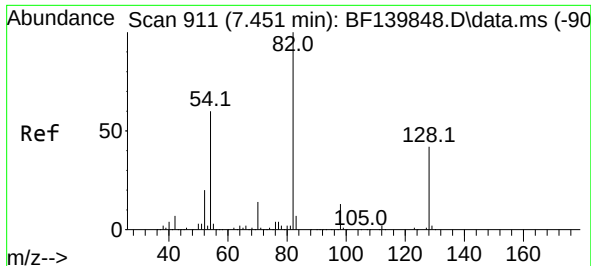
Tgt Ion: 99 Resp: 196622
Ion Ratio Lower Upper
99 100
42 23.0 16.7 25.1
71 53.1 27.7 41.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 136 Resp: 243975
Ion Ratio Lower Upper
136 100
137 15.6 8.6 12.8#
54 24.0 8.4 12.6#
68 22.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 45.441 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

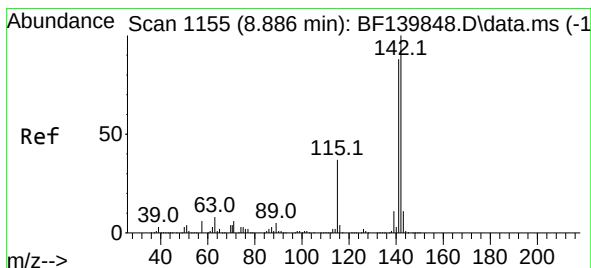
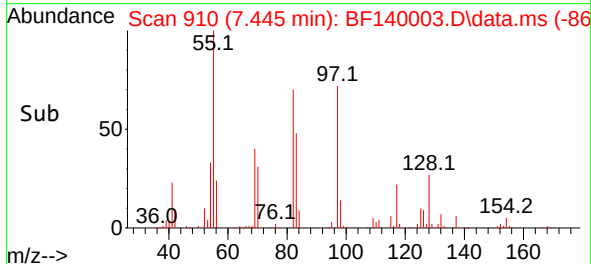
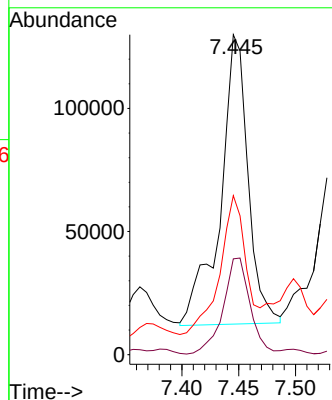
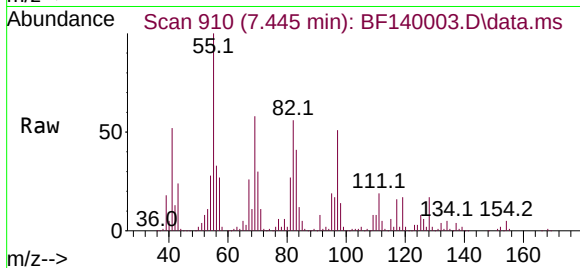
Tgt Ion: 82 Resp: 200032

Ion Ratio Lower Upper

82 100

128 29.9 33.4 50.0#

54 49.7 47.8 71.8



#37

2-Methylnaphthalene

Concen: 37.020 ng

RT: 8.892 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF140003.D

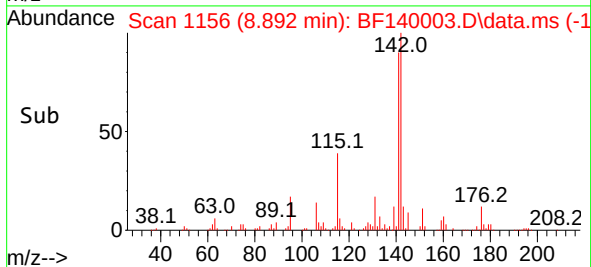
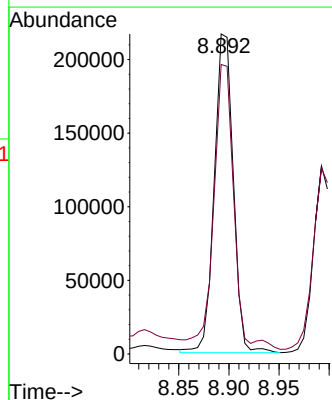
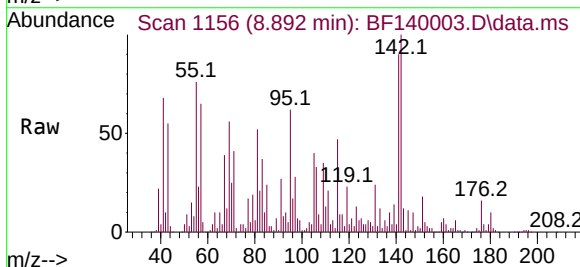
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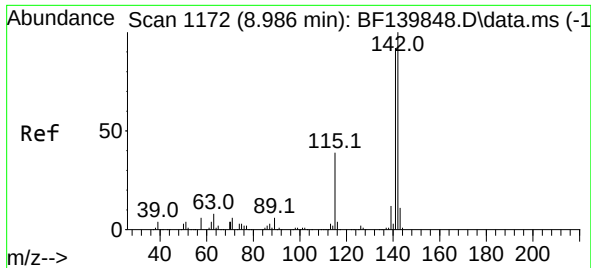
Tgt Ion:142 Resp: 285282

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

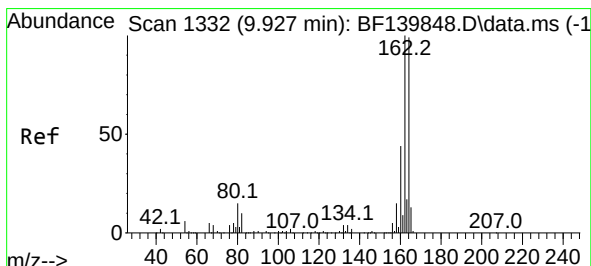
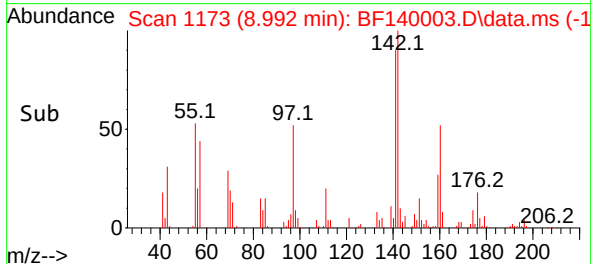
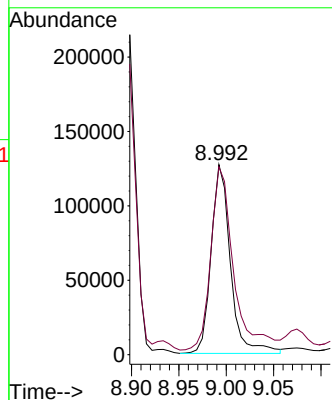
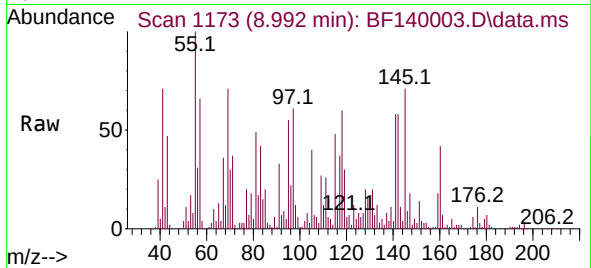




#38
1-Methylnaphthalene
Concen: 23.732 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

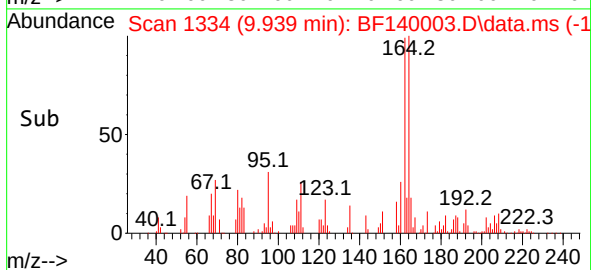
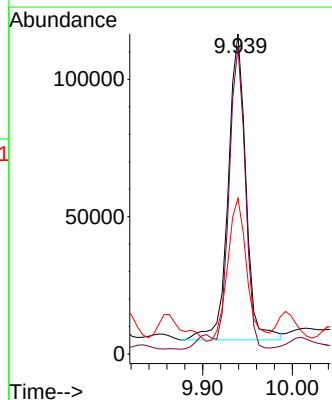
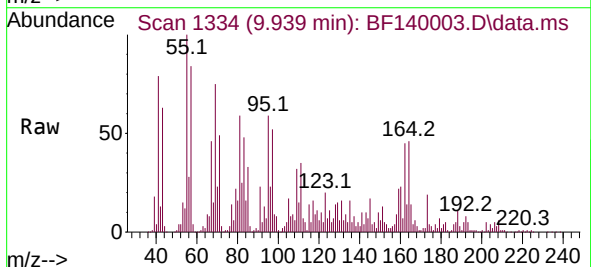
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

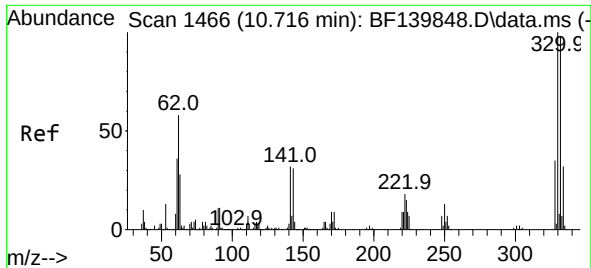
Tgt Ion:142 Resp: 179426
Ion Ratio Lower Upper
142 100
141 98.8 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:164 Resp: 153212
Ion Ratio Lower Upper
164 100
162 96.0 81.0 121.4
160 48.7 35.4 53.0

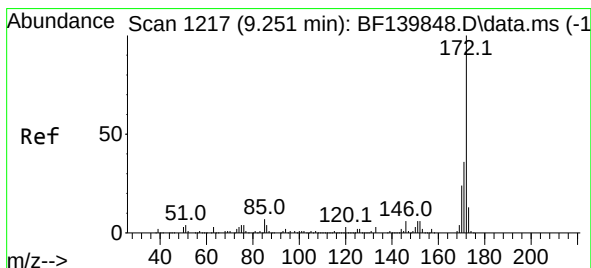
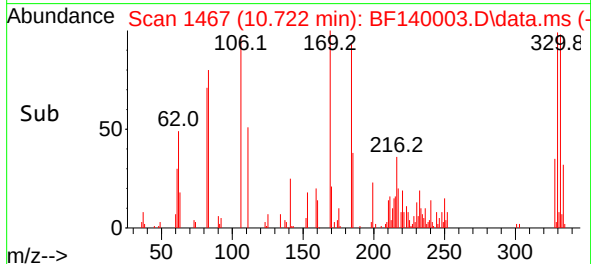
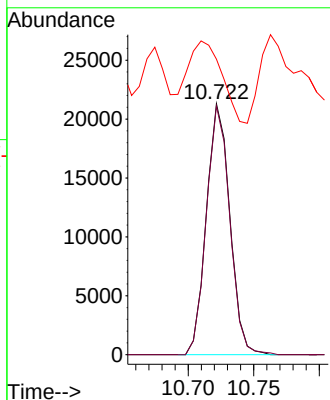
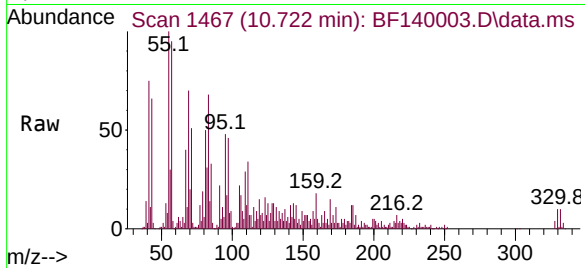




#42
2,4,6-Tribromophenol
Concen: 18.500 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

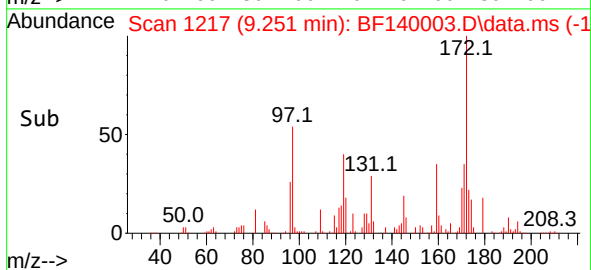
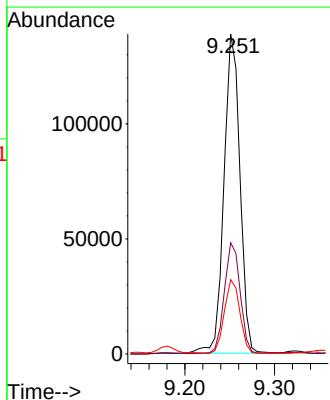
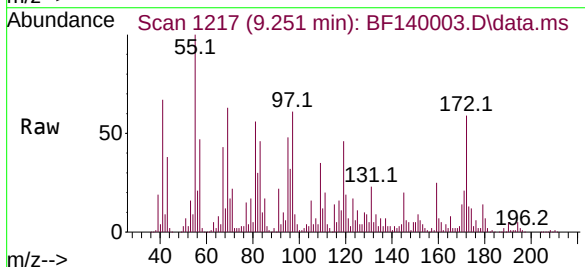
Instrument :
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ClientSampleId :
RT-2675DL

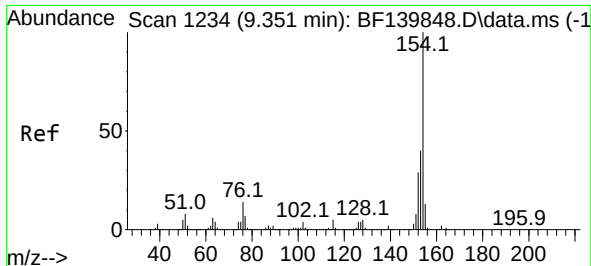
Tgt Ion:330 Resp: 26512
Ion Ratio Lower Upper
330 100
332 98.9 78.1 117.1
141 46.7 26.6 39.8#



#45
2-Fluorobiphenyl
Concen: 18.520 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:172 Resp: 171685
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.2 19.1 28.7

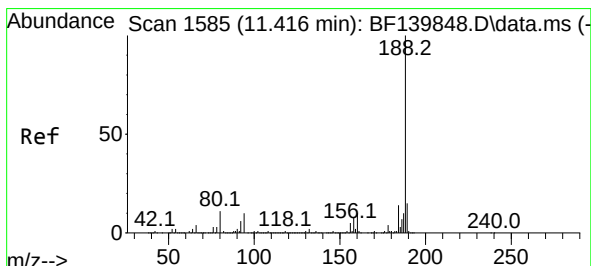
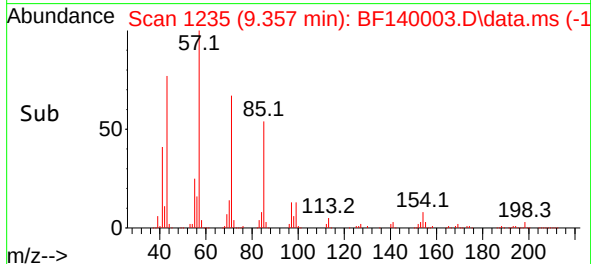
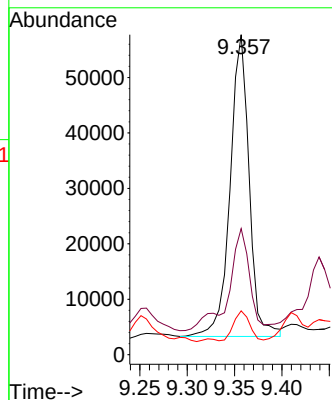
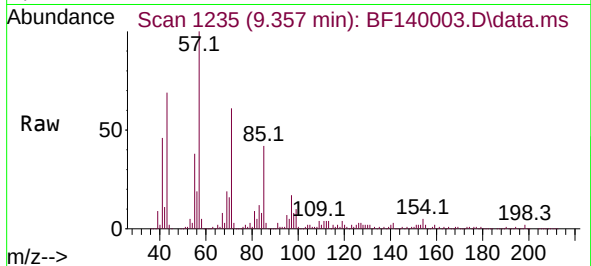




#46
1,1'-Biphenyl
Concen: 7.112 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

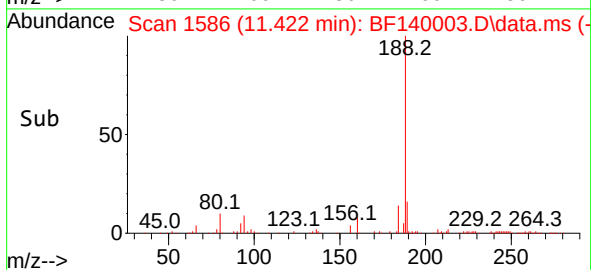
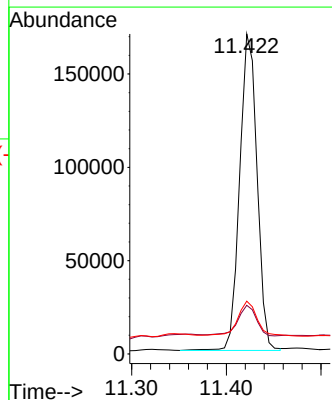
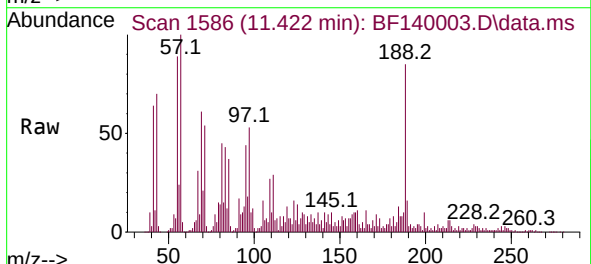
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ClientSampleId :
RT-2675DL

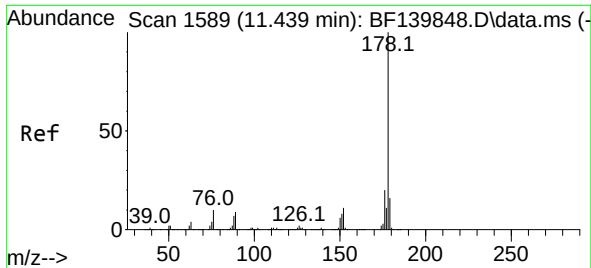
Tgt Ion:154 Resp: 75852
Ion Ratio Lower Upper
154 100
153 39.4 20.3 60.3
76 13.7 0.0 33.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:188 Resp: 215554
Ion Ratio Lower Upper
188 100
94 15.2 7.9 11.9#
80 16.5 9.0 13.4#

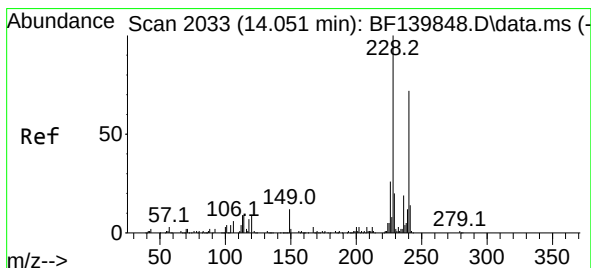
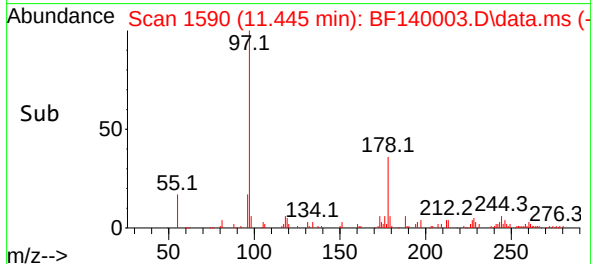
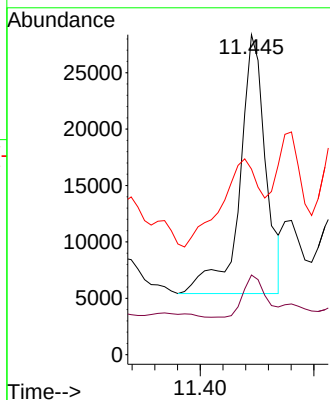
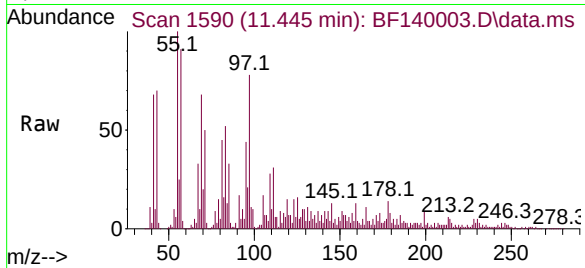




#71
Phenanthrene
Concen: 3.585 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

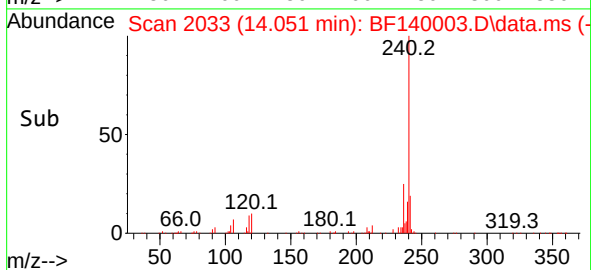
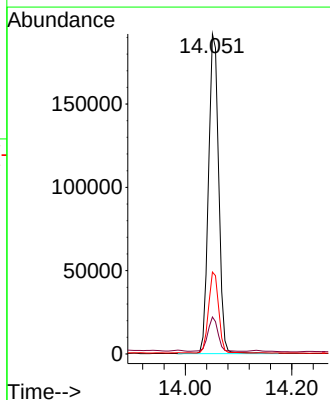
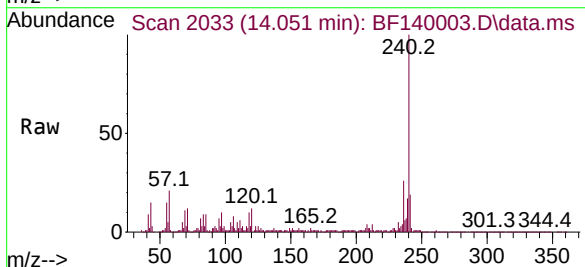
Instrument :
BNA_F
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RT-2675DL

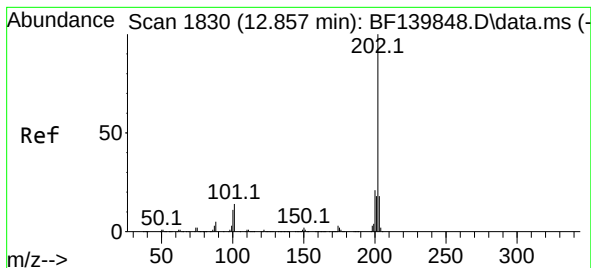
Tgt Ion:178 Resp: 36501
Ion Ratio Lower Upper
178 100
176 24.9 15.8 23.6#
179 58.0 12.6 18.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:240 Resp: 253845
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.6 20.9 31.3





#78

Pyrene

Concen: 2.992 ng

RT: 12.863 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

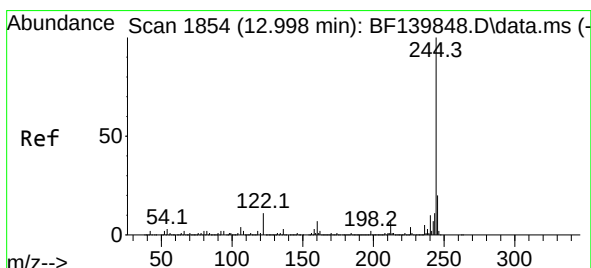
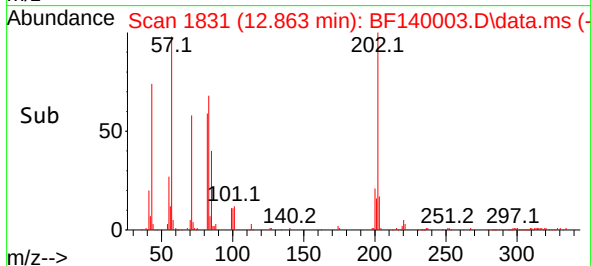
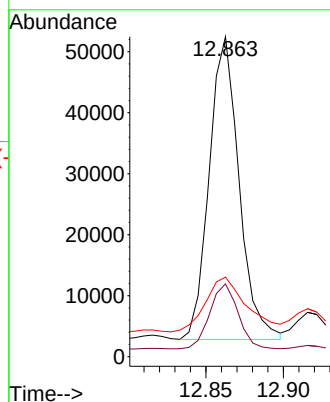
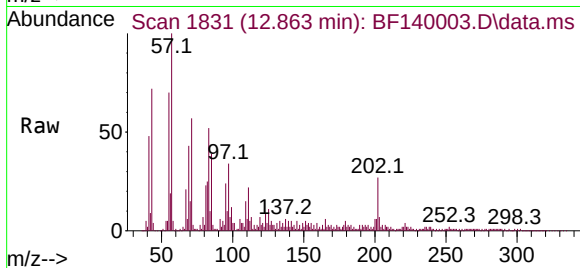
Tgt Ion:202 Resp: 66477

Ion Ratio Lower Upper

202 100

200 22.7 17.2 25.8

203 24.9 14.2 21.4#



#79

Terphenyl-d14

Concen: 10.591 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

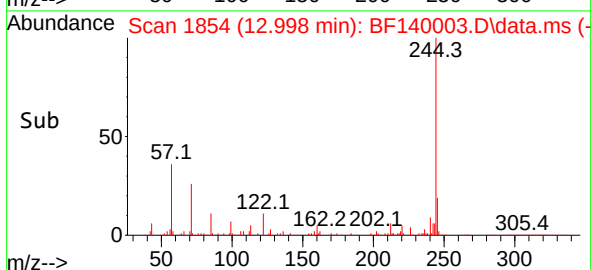
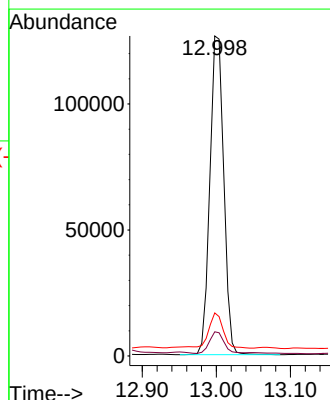
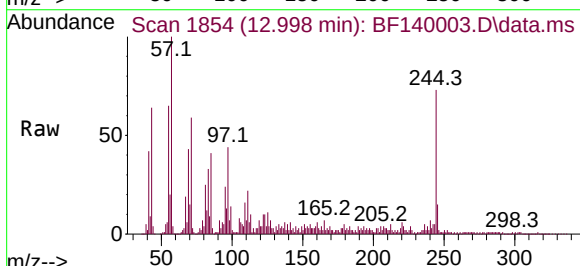
Tgt Ion:244 Resp: 164997

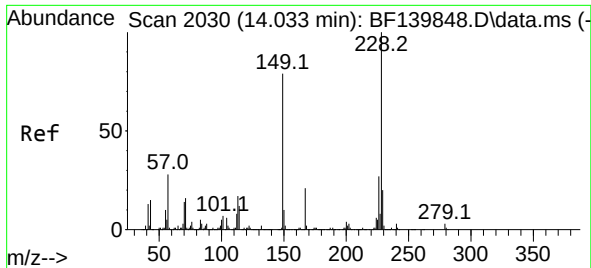
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 13.5 8.6 13.0#

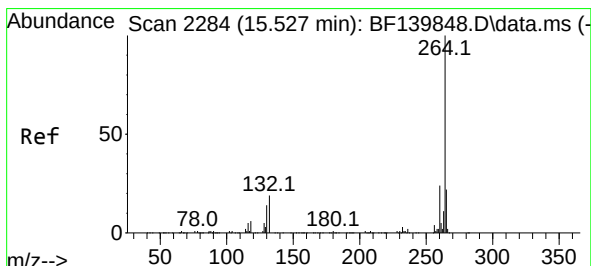
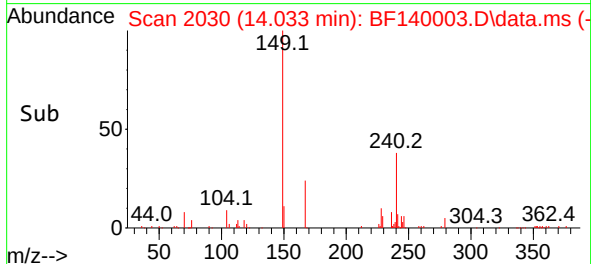
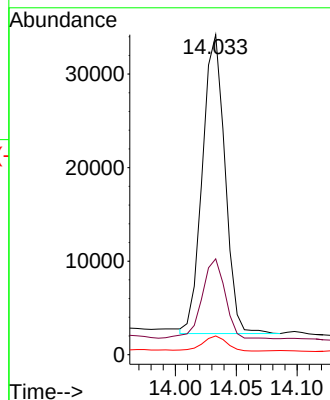
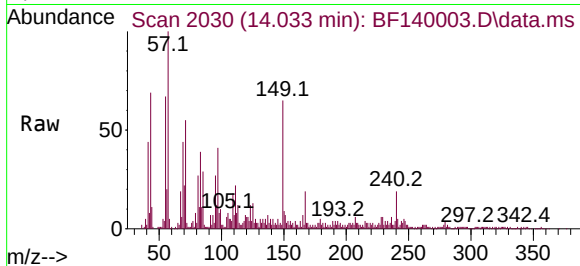




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.508 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Instrument :
BNA_F
ClientSampleId :
RT-2675DL

Tgt Ion:149 Resp: 41168
Ion Ratio Lower Upper
149 100
167 29.9 21.4 32.0
279 5.9 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:264 Resp: 319967
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.7 17.4 26.0

