

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140586.D
 Acq On : 22 Nov 2024 19:01
 Operator : RC/JU
 Sample : P4925-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-758

Quant Time: Nov 22 22:17:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

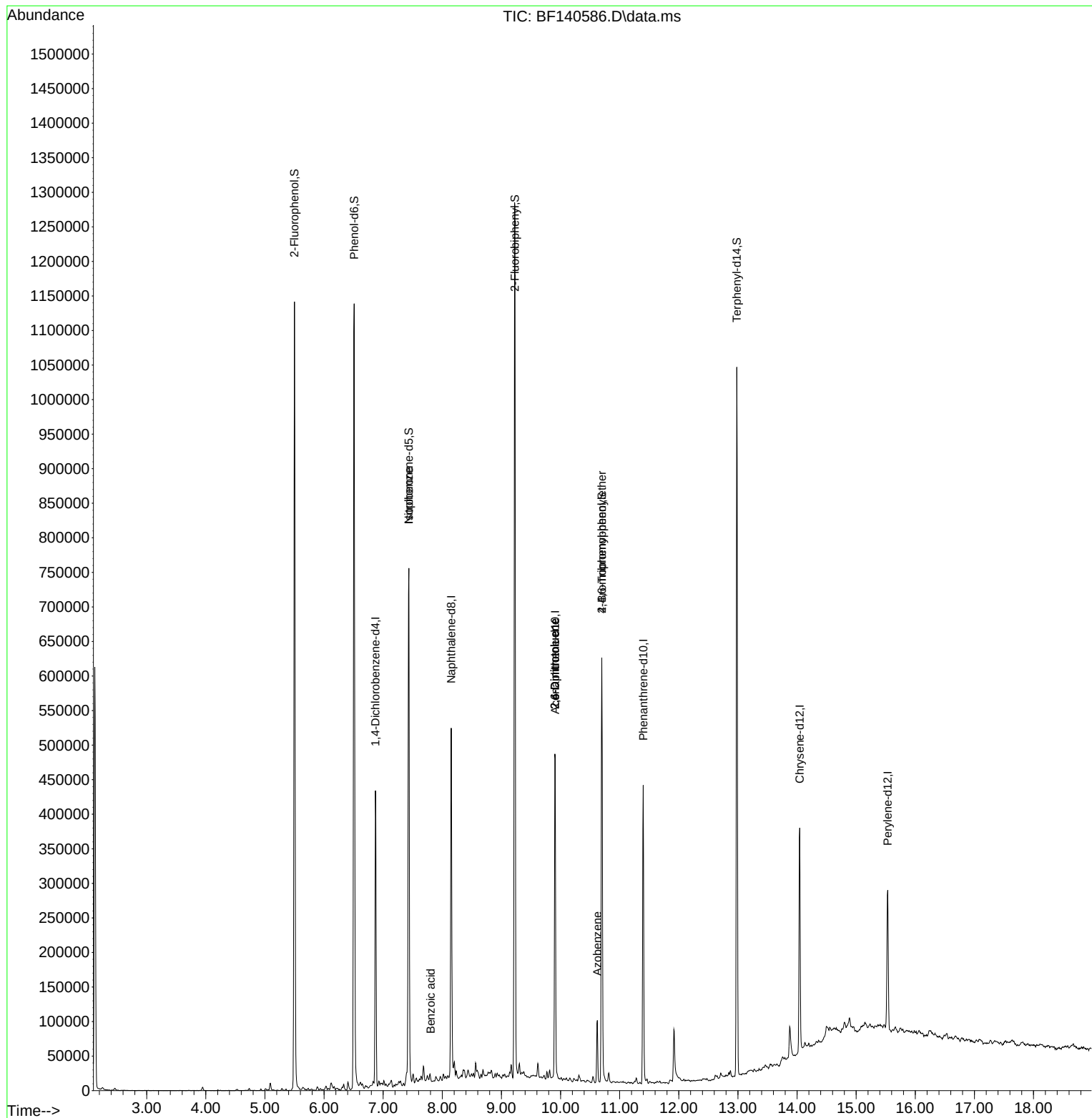
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90170	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	315564	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	146876	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232144	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160735	20.000	ng	0.00
86) Perylene-d12	15.533	264	124855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	433605	82.047	ng	0.00
7) Phenol-d6	6.510	99	550776	78.833	ng	0.00
23) Nitrobenzene-d5	7.434	82	351747	57.015	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	104783	66.705	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	589059	59.755	ng	0.00
79) Terphenyl-d14	12.980	244	492686	47.729	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.434	82	343157	33.349	ng	# 66
32) Benzoic acid	7.804	122	109	7.223	ng	# 40
51) 2,6-Dinitrotoluene	9.904	165	19576	8.923	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	19576	6.714	ng	# 18
63) Azobenzene	10.622	77	24559	2.639	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6837	2.860	ng	# 1

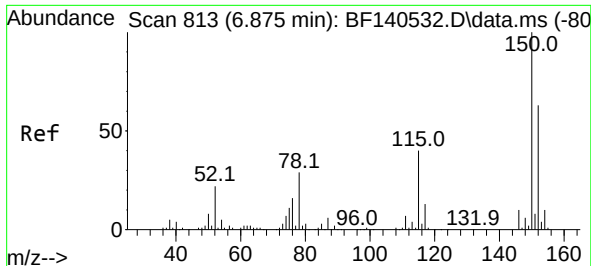
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
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Quant Time: Nov 22 22:17:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

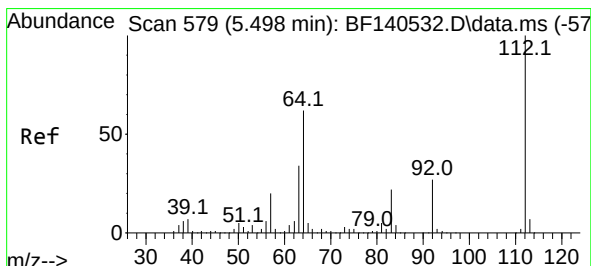
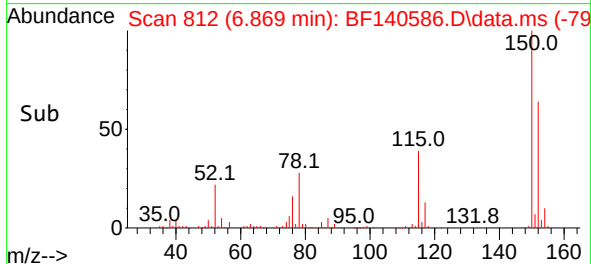
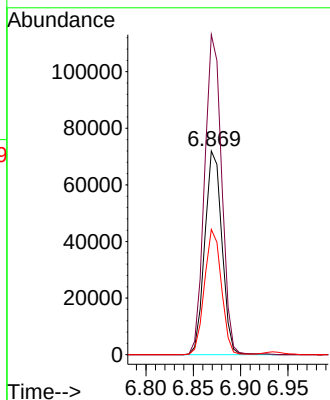
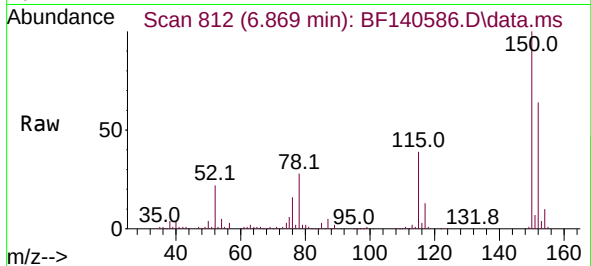




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

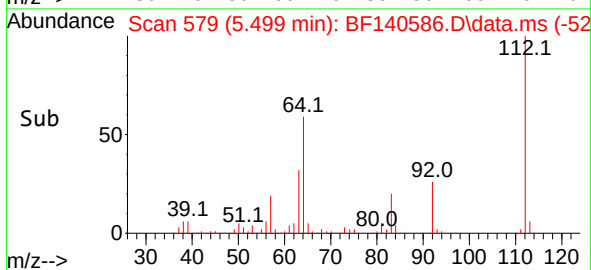
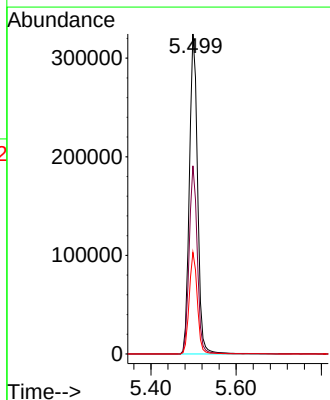
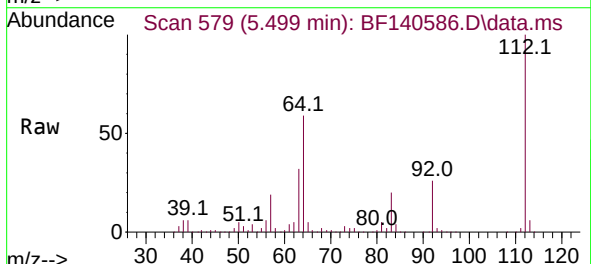
Instrument :
BNA_F
ClientSampleId :
MH-758

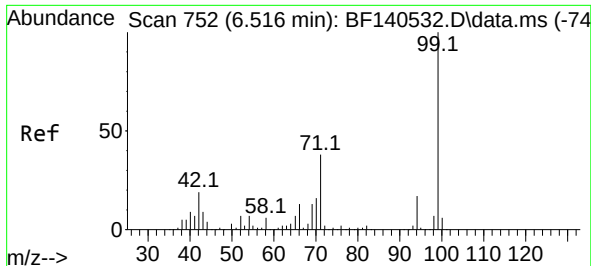
Tgt Ion:152 Resp: 90170
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 61.5 50.2 75.4



#5
2-Fluorophenol
Concen: 82.047 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion:112 Resp: 433605
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.7 27.0 40.4

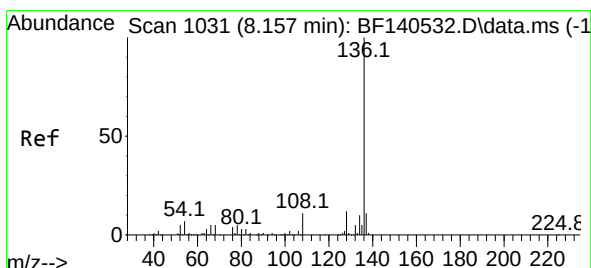
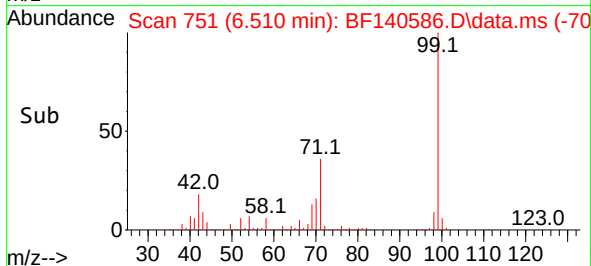
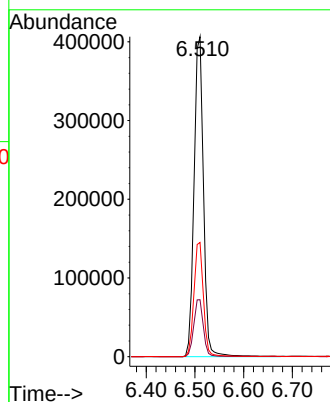
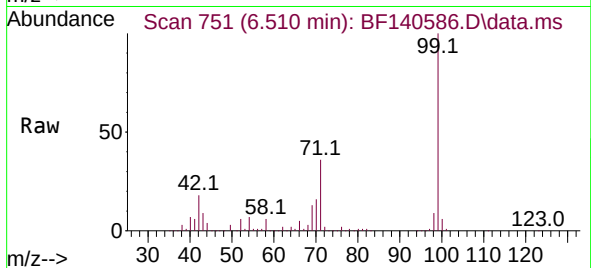




#7
Phenol-d6
Concen: 78.833 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

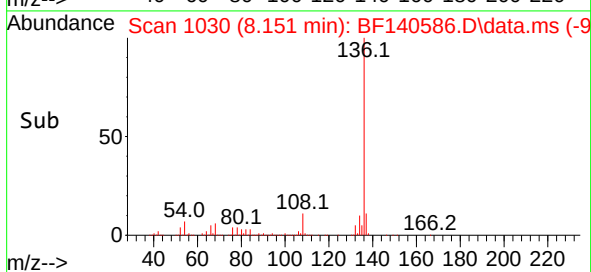
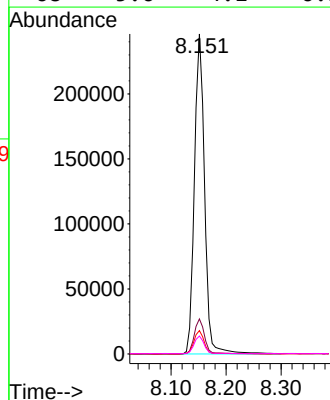
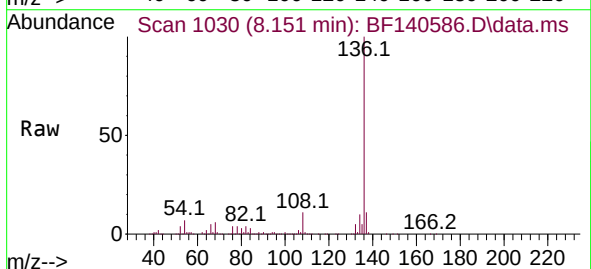
Instrument :
BNA_F
ClientSampleId :
MH-758

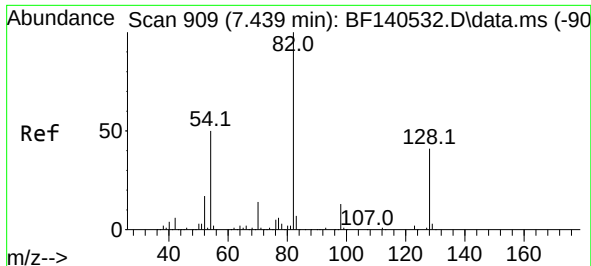
Tgt Ion: 99 Resp: 550776
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 35.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion:136 Resp: 315564
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 5.8 8.8
68 5.6 4.1 6.1

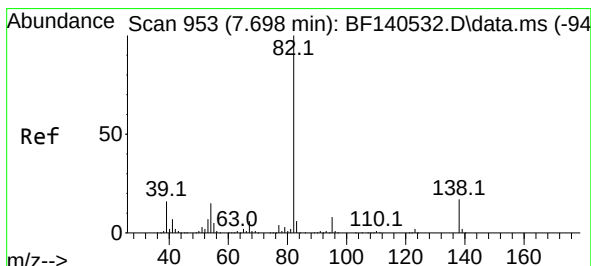
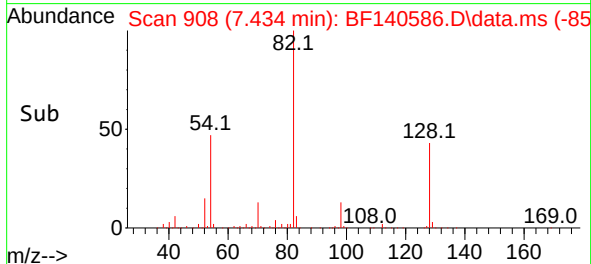
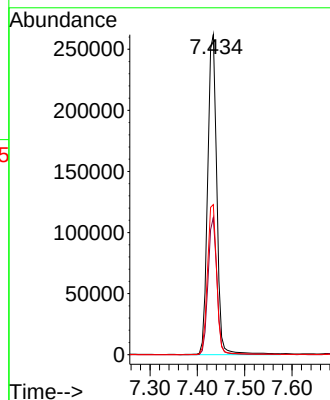
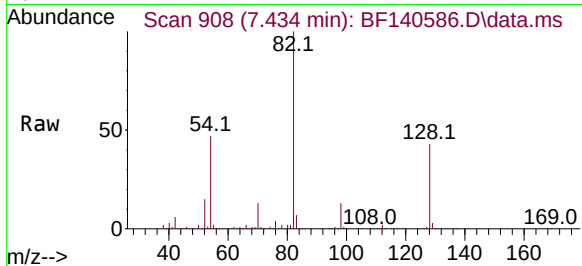




#23
Nitrobenzene-d5
Concen: 57.015 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

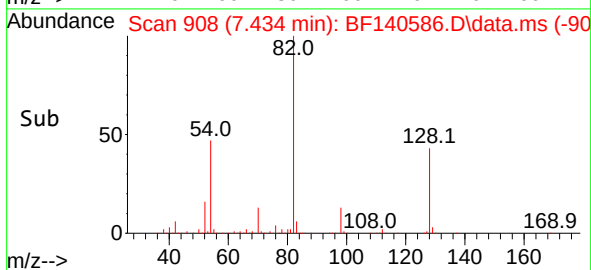
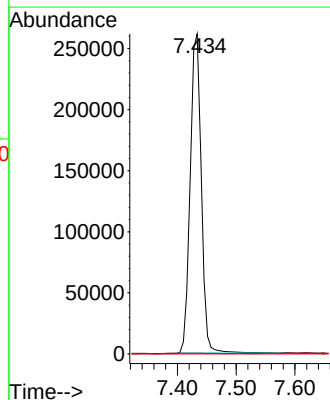
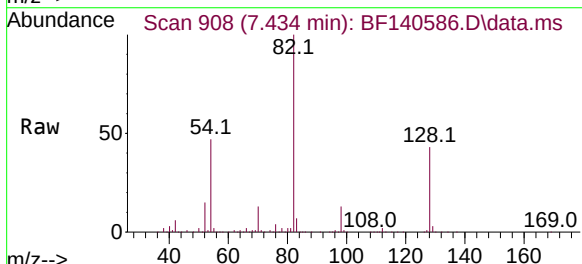
Instrument :
BNA_F
ClientSampleId :
MH-758

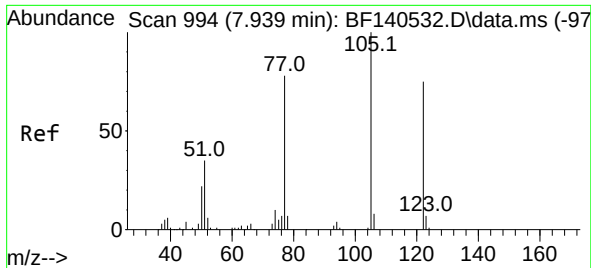
Tgt Ion: 82 Resp: 351747
Ion Ratio Lower Upper
82 100
128 42.9 33.0 49.4
54 46.9 39.5 59.3



#25
Isophorone
Concen: 33.349 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion: 82 Resp: 343157
Ion Ratio Lower Upper
82 100
95 0.3 6.4 9.6#
138 0.0 13.8 20.6#

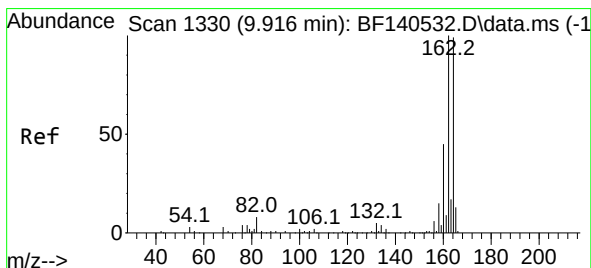
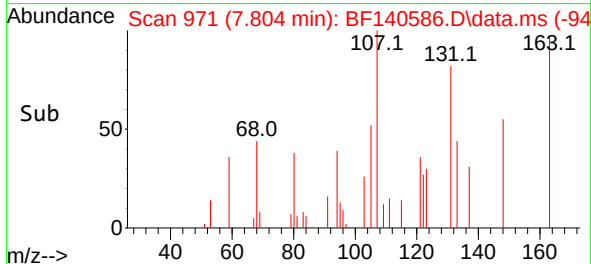
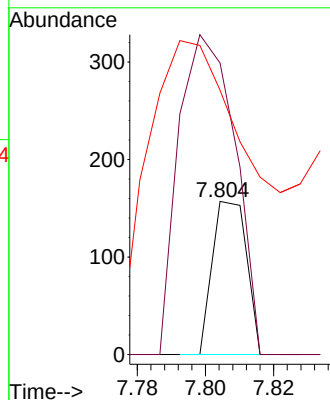
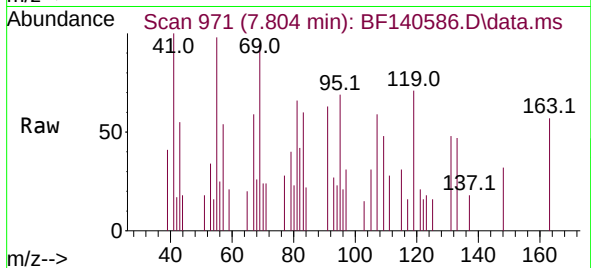




#32
Benzoic acid
Concen: 7.223 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.135 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

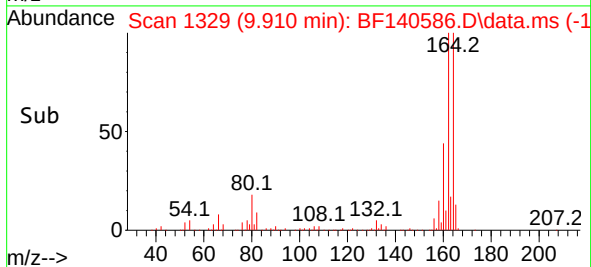
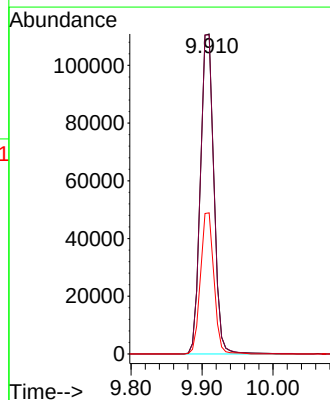
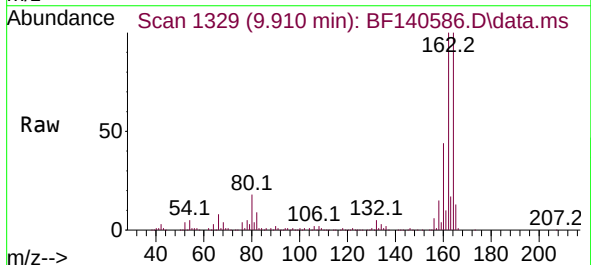
Instrument :
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ClientSampleId :
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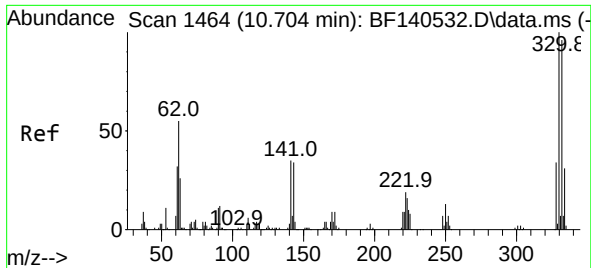
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 190.4 109.3 149.3#
77 172.6 82.3 122.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion:164 Resp: 146876
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.1 36.2 54.4

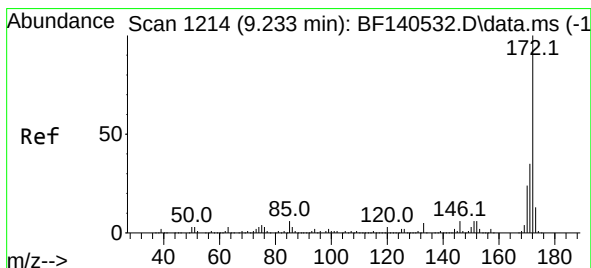
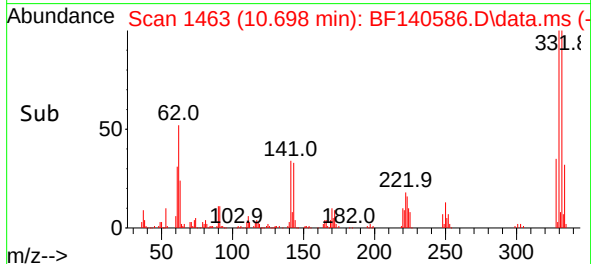
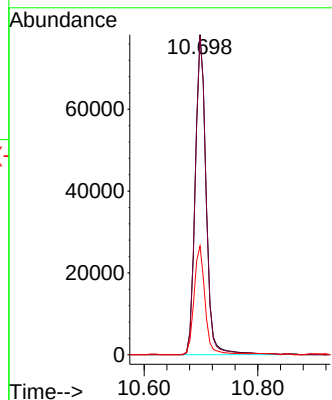
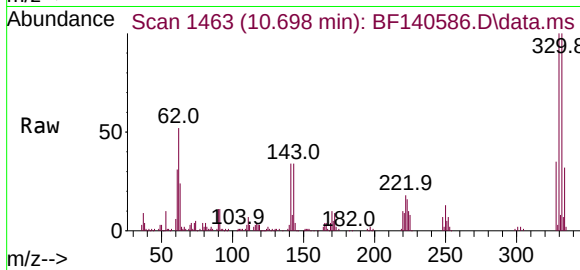




#42
2,4,6-Tribromophenol
Concen: 66.705 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

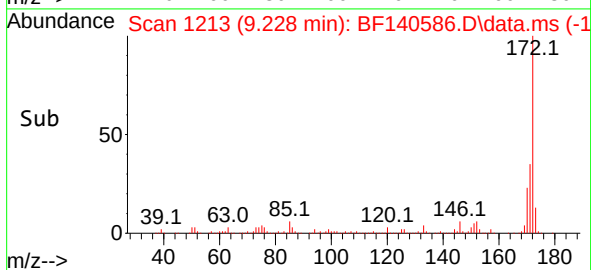
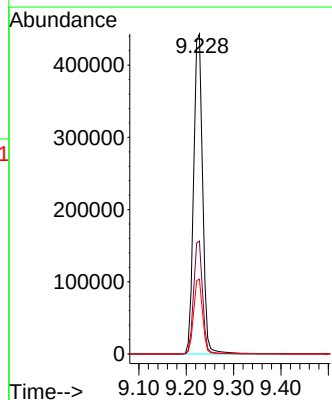
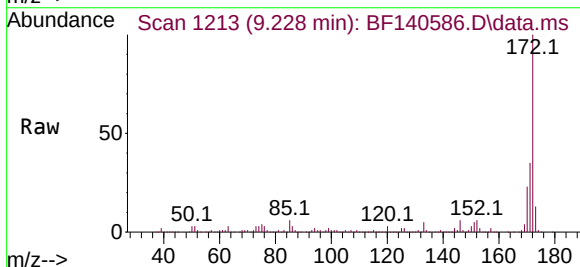
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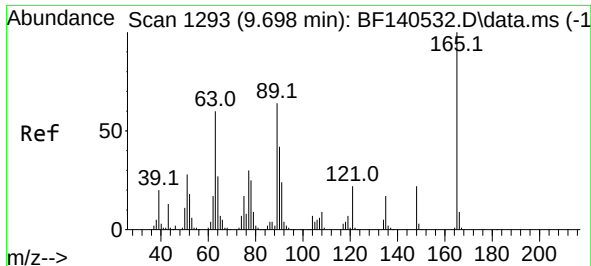
Tgt Ion: 330 Resp: 104783
Ion Ratio Lower Upper
330 100
332 99.1 76.9 115.3
141 34.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 59.755 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion: 172 Resp: 589059
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.0 28.6

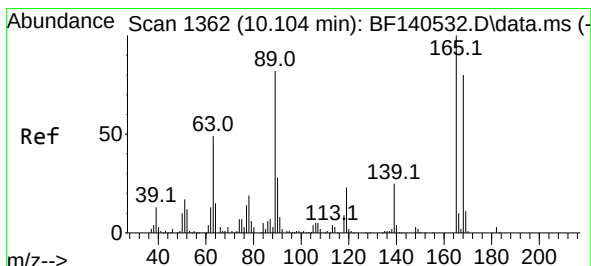
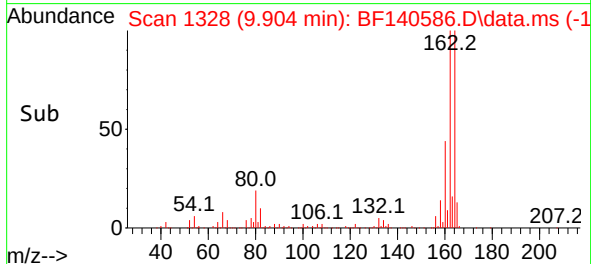
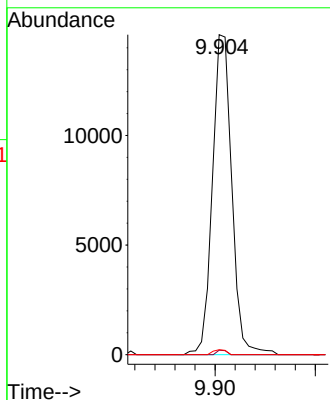
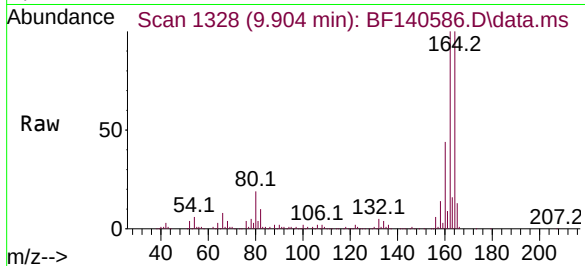




#51
2,6-Dinitrotoluene
Concen: 8.923 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

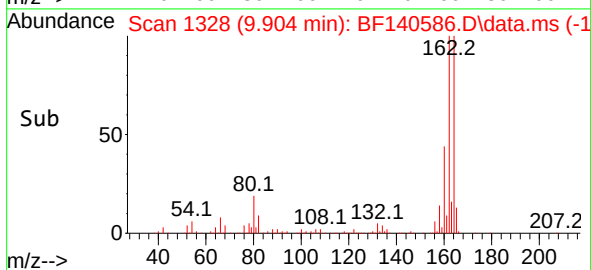
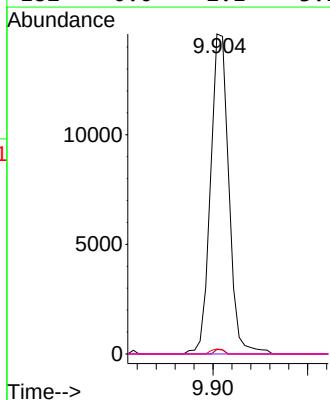
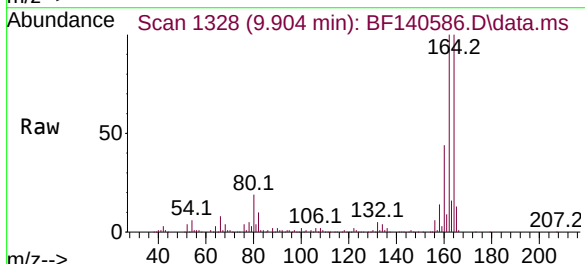
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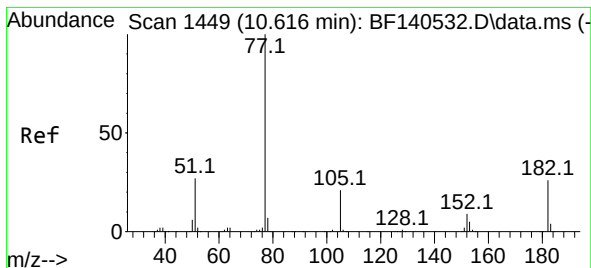
Tgt Ion:165 Resp: 19576
Ion Ratio Lower Upper
165 100
63 1.4 49.9 74.9#
89 1.5 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.714 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion:165 Resp: 19576
Ion Ratio Lower Upper
165 100
63 1.4 41.7 62.5#
89 1.5 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.639 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140586.D

Acq: 22 Nov 2024 19:01

Instrument :

BNA_F

ClientSampleId :

MH-758

Tgt Ion: 77 Resp: 24559

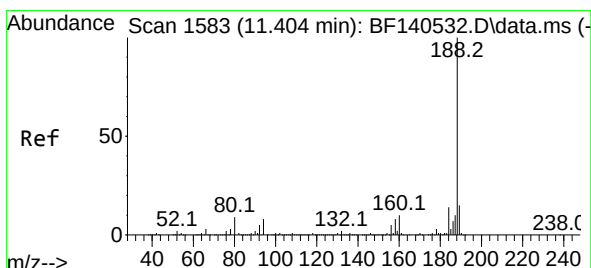
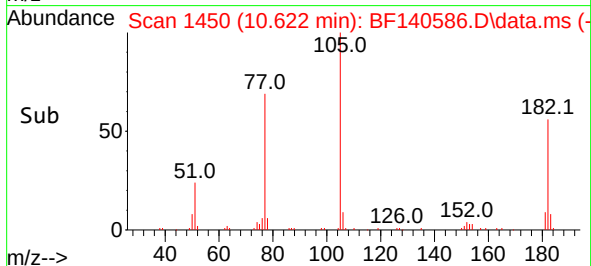
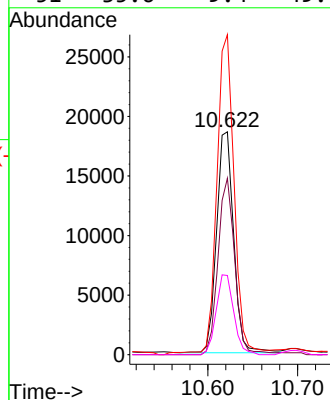
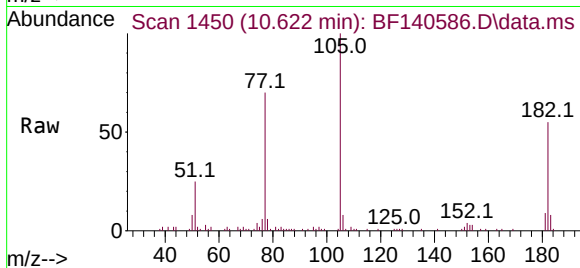
Ion Ratio Lower Upper

77 100

182 79.2 5.3 45.3#

105 143.6 0.3 40.3#

51 35.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140586.D

Acq: 22 Nov 2024 19:01

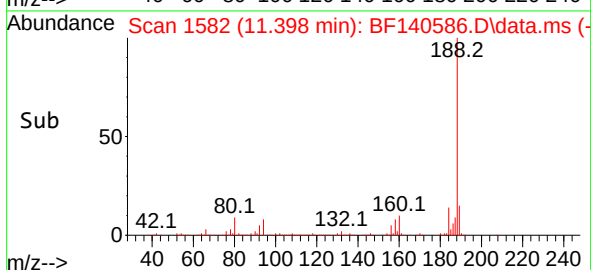
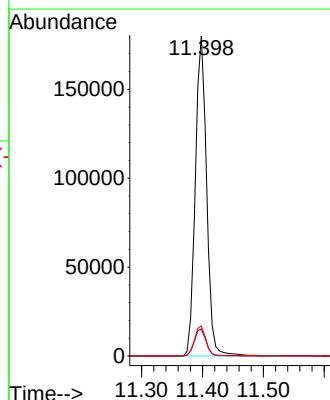
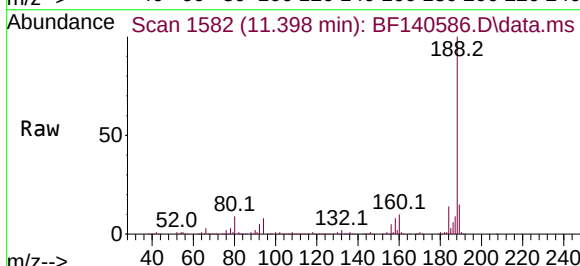
Tgt Ion: 188 Resp: 232144

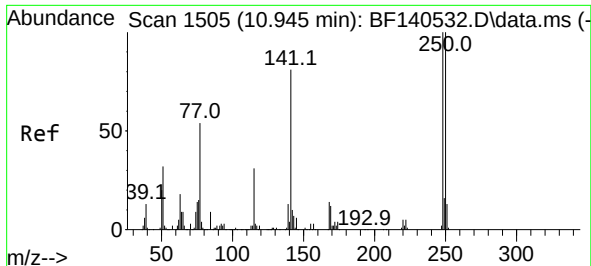
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.4 6.9 10.3

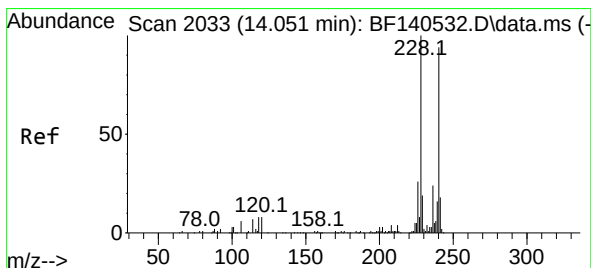
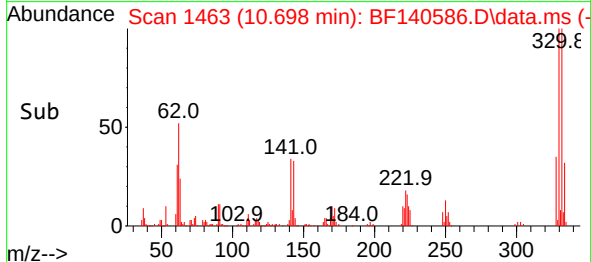
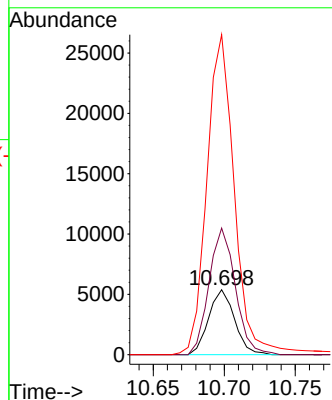
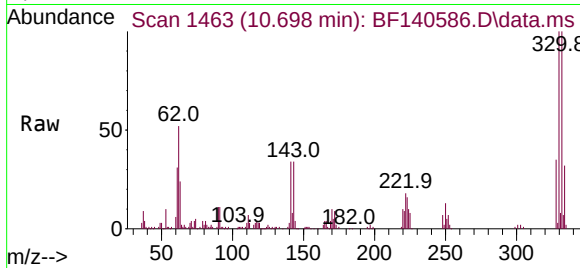




#67
4-Bromophenyl-phenylether
Concen: 2.860 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

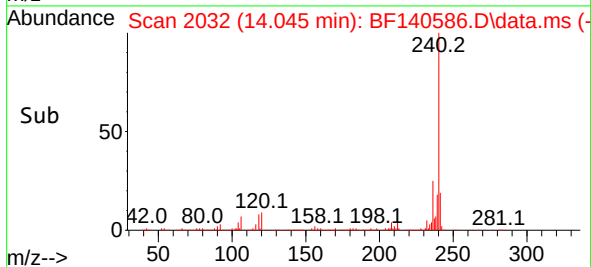
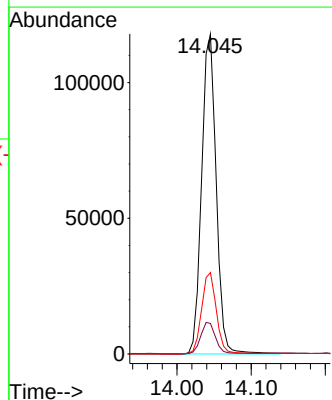
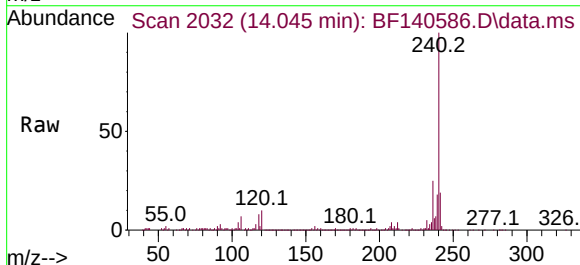
Instrument :
BNA_F
ClientSampleId :
MH-758

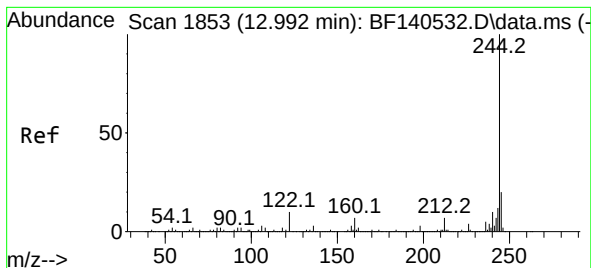
Tgt Ion:248 Resp: 6837
Ion Ratio Lower Upper
248 100
250 194.6 79.8 119.8#
141 492.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140586.D
Acq: 22 Nov 2024 19:01

Tgt Ion:240 Resp: 160735
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 47.729 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140586.D

Acq: 22 Nov 2024 19:01

Instrument :

BNA_F

ClientSampleId :

MH-758

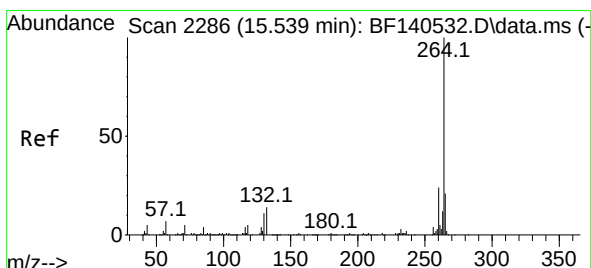
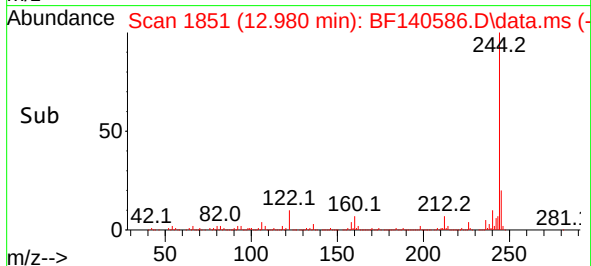
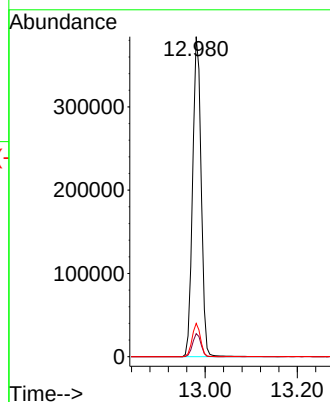
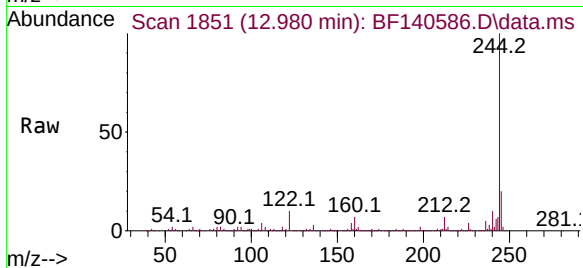
Tgt Ion:244 Resp: 492686

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140586.D

Acq: 22 Nov 2024 19:01

Tgt Ion:264 Resp: 124855

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 16.6 25.0

