

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140767.D
 Acq On : 06 Dec 2024 15:32
 Operator : RC/JU
 Sample : P5145-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286085

Quant Time: Dec 06 14:55:17 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)

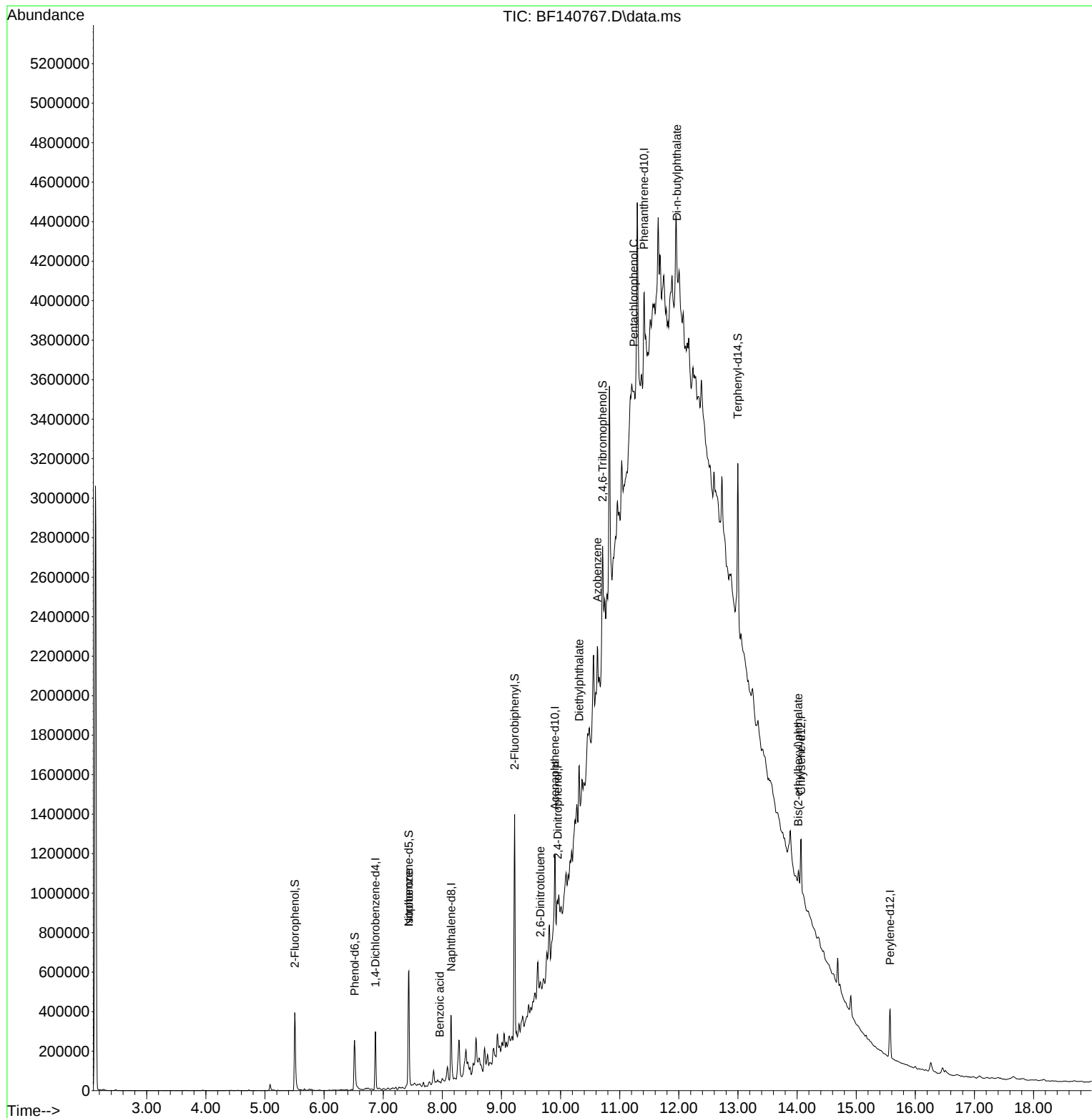
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	62057	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	218612	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	108770	20.000	ng	-0.01
64) Phenanthrene-d10	11.410	188	160131	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	134441	20.000	ng	0.02
86) Perylene-d12	15.574	264	148729	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	177584	48.825	ng	0.00
7) Phenol-d6	6.516	99	147338	30.642	ng	0.00
23) Nitrobenzene-d5	7.433	82	281876	65.953	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	96889	83.288	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	509607	69.806	ng	-0.01
79) Terphenyl-d14	12.998	244	417342	48.338	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.433	82	275023	38.580	ng	# 66
32) Benzoic acid	7.957	122	54	7.214	ng	# 18
51) 2,6-Dinitrotoluene	9.657	165	5220	3.213	ng	# 39
54) 2,4-Dinitrophenol	9.951	184	326	8.173	ng	# 1
60) Diethylphthalate	10.316	149	15264	2.097	ng	# 33
63) Azobenzene	10.622	77	78249	11.353	ng	# 4
70) Pentachlorophenol	11.239	266	1847	2.198	ng	# 15
74) Di-n-butylphthalate	11.968	149	89342	10.684	ng	# 77
84) Bis(2-ethylhexyl)phtha...	14.021	149	27564	4.875	ng	# 77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140767.D
Acq On : 06 Dec 2024 15:32
Operator : RC/JU
Sample : P5145-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
286085

Quant Time: Dec 06 14:55:17 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

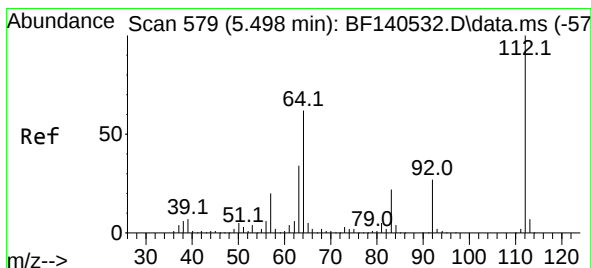
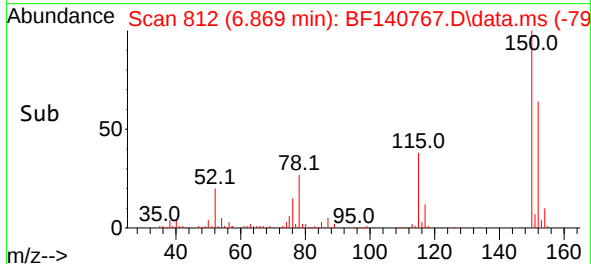
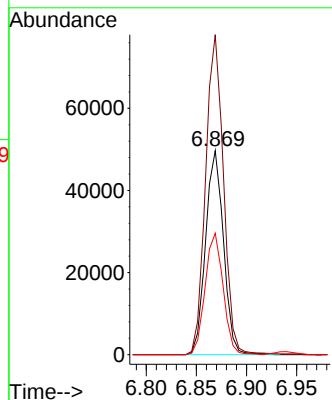
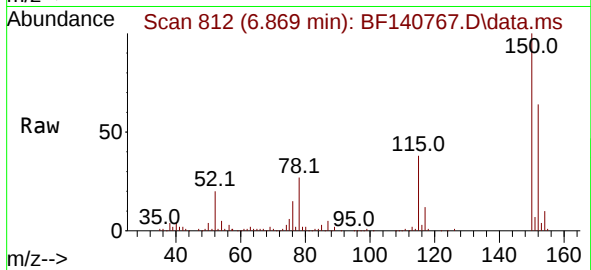




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

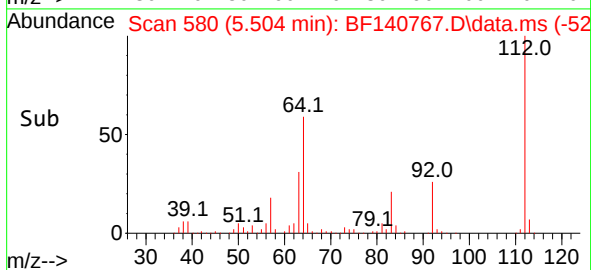
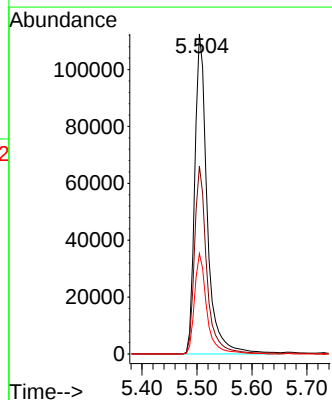
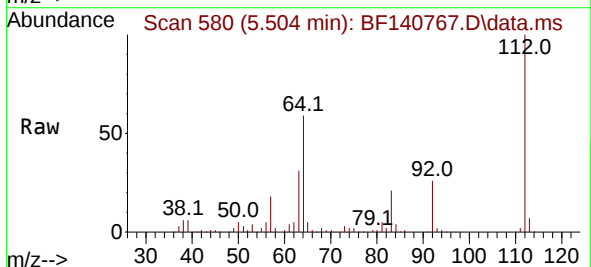
Instrument :
BNA_F
ClientSampleId :
286085

Tgt Ion:152 Resp: 62057
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 59.6 50.2 75.4



#5
2-Fluorophenol
Concen: 48.825 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

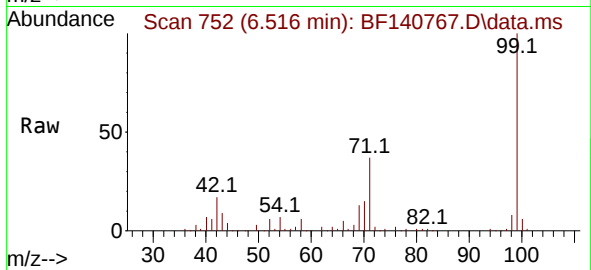
Tgt Ion:112 Resp: 177584
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.4 27.0 40.4





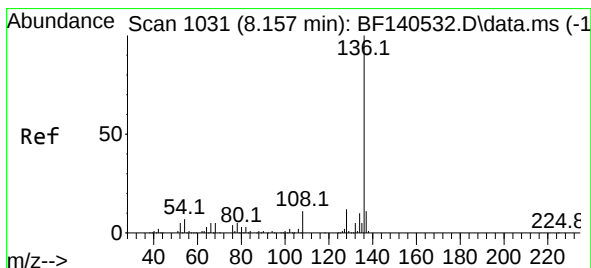
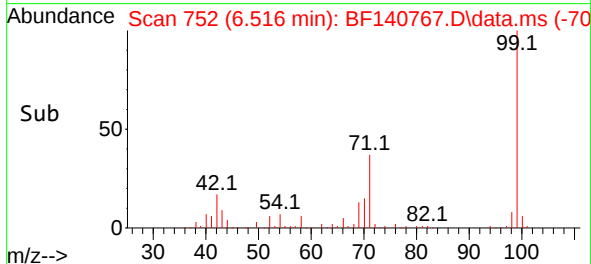
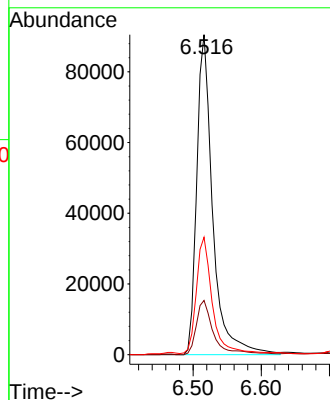
#7
Phenol-d6
Concen: 30.642 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

Instrument :
BNA_F
ClientSampleId :
286085



Tgt Ion: 99 Resp: 147338

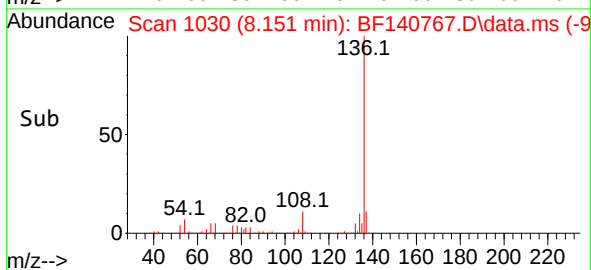
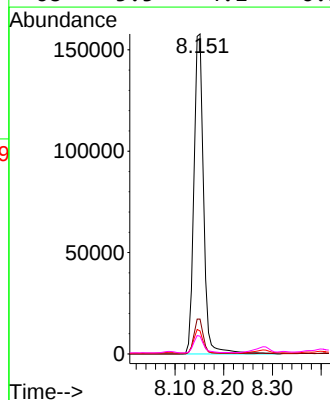
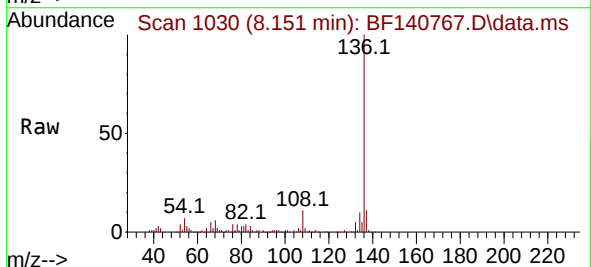
Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.4	23.0
71	36.7	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

Tgt Ion: 136 Resp: 218612

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	5.8	8.8
68	5.5	4.1	6.1

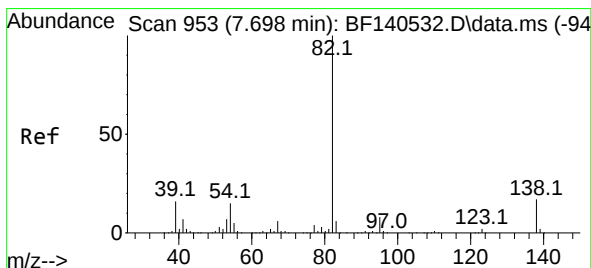
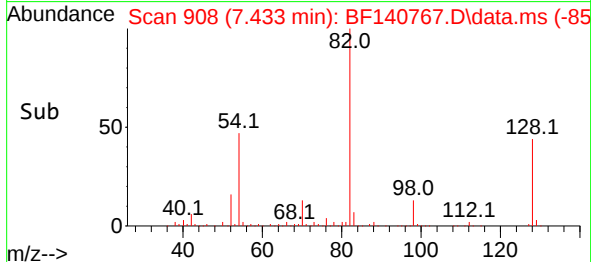
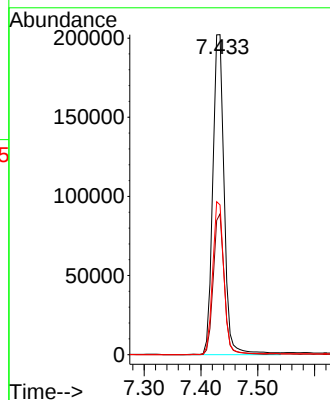
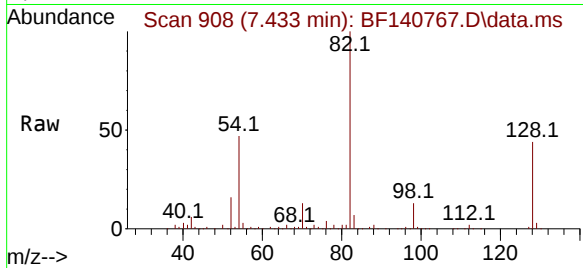




#23
Nitrobenzene-d5
Concen: 65.953 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

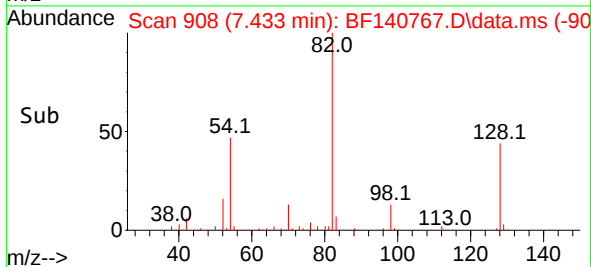
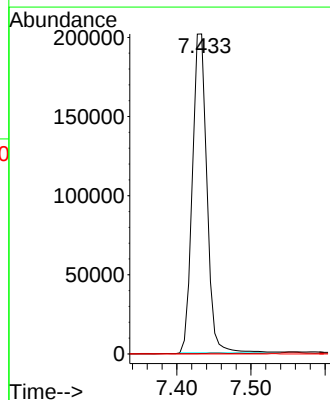
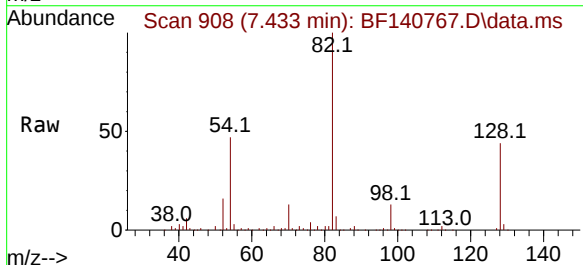
Instrument :
BNA_F
ClientSampleId :
286085

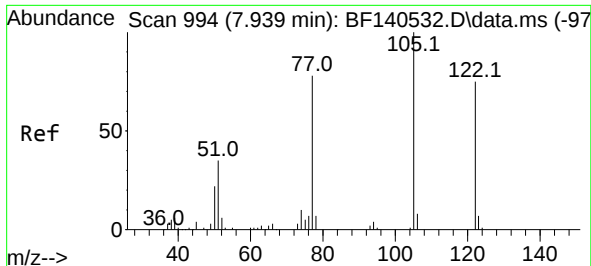
Tgt Ion: 82 Resp: 281876
Ion Ratio Lower Upper
82 100
128 44.0 33.0 49.4
54 46.8 39.5 59.3



#25
Isophorone
Concen: 38.580 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

Tgt Ion: 82 Resp: 275023
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#

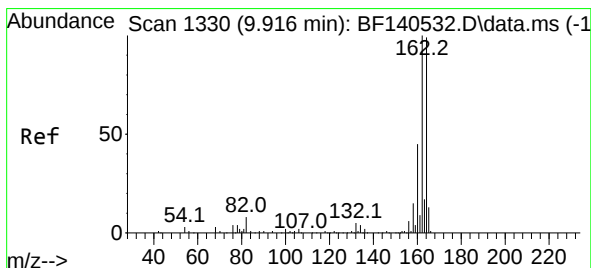
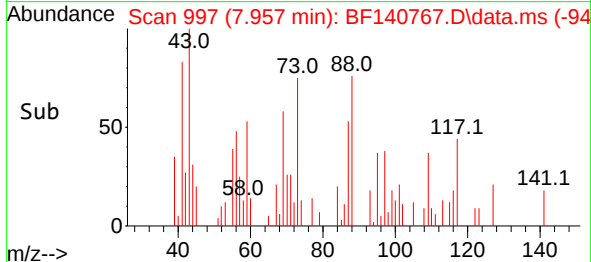
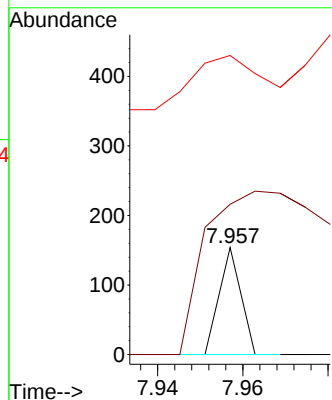
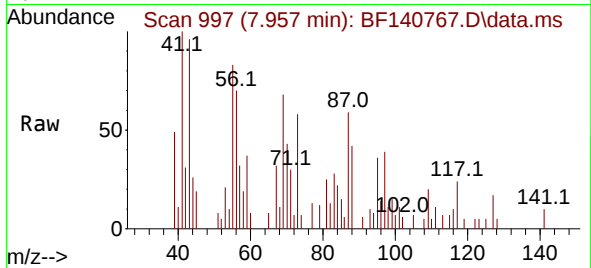




#32
Benzoic acid
Concen: 7.214 ng
RT: 7.957 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

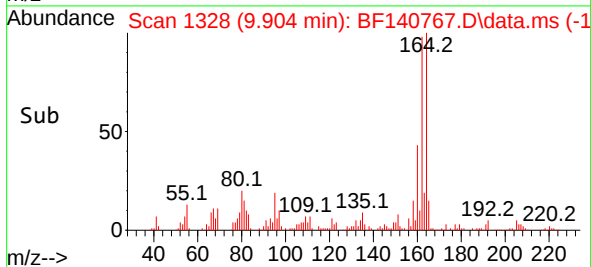
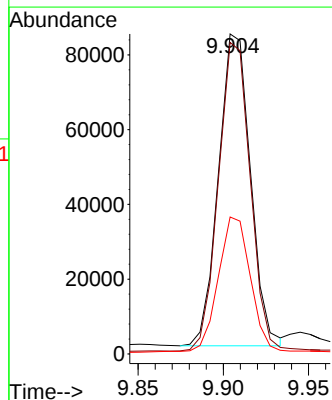
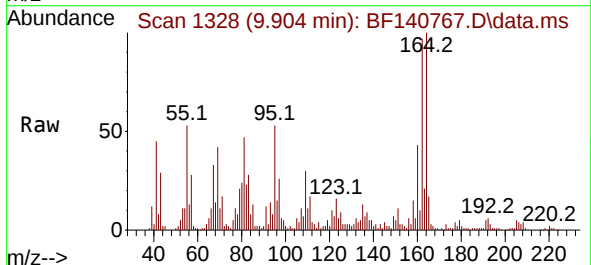
Instrument :
BNA_F
ClientSampleId :
286085

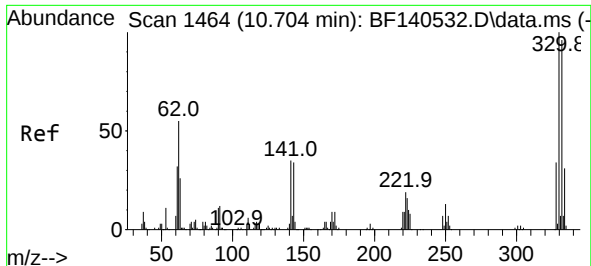
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 140.3 109.3 149.3
77 279.2 82.3 122.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

Tgt Ion:164 Resp: 108770
Ion Ratio Lower Upper
164 100
162 97.4 80.6 120.8
160 42.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 83.288 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF140767.D

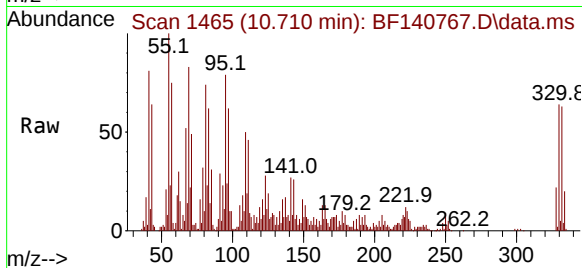
Acq: 06 Dec 2024 15:32

Instrument :

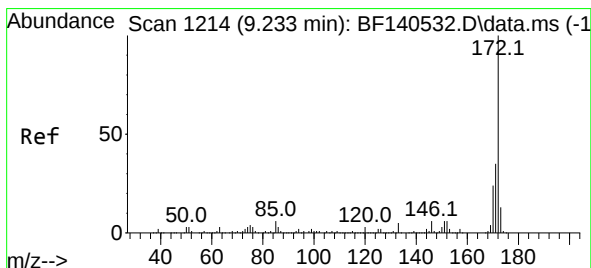
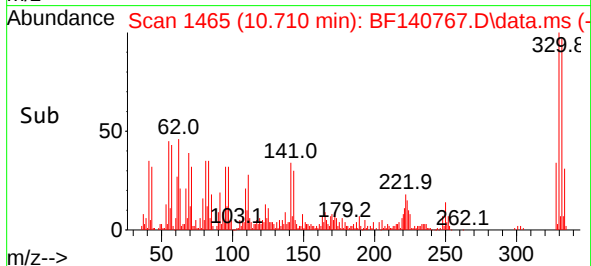
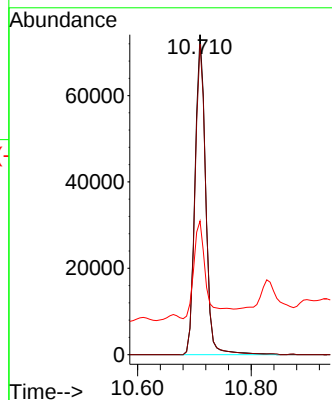
BNA_F

ClientSampleId :

286085



Tgt Ion:	330	Resp:	96889
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.9	115.3
141	36.7	26.7	40.1



#45

2-Fluorobiphenyl

Concen: 69.806 ng

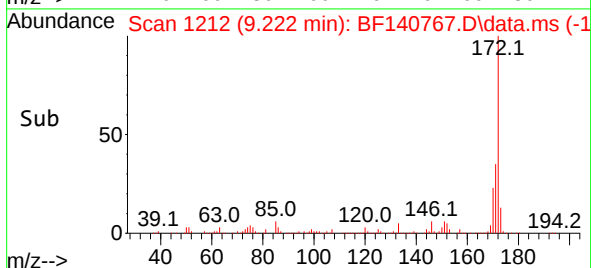
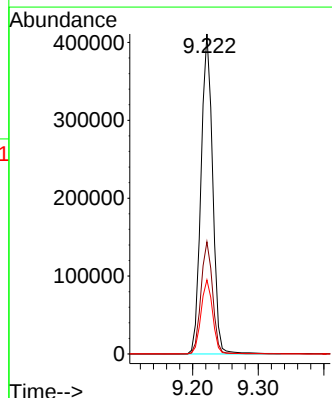
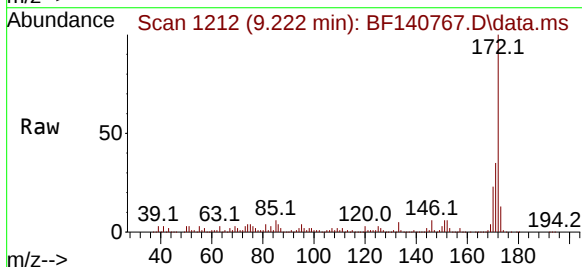
RT: 9.222 min Scan# 1212

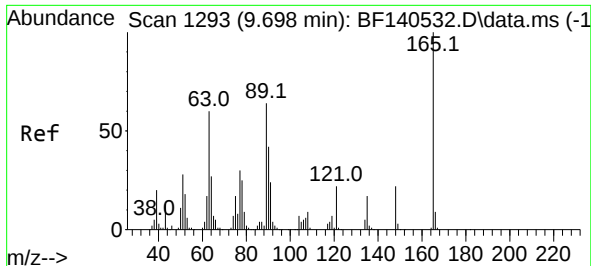
Delta R.T. -0.012 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

Tgt Ion:	172	Resp:	509607
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.4	42.6
170	23.1	19.0	28.6





#51

2,6-Dinitrotoluene

Concen: 3.213 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

Instrument :

BNA_F

ClientSampleId :

286085

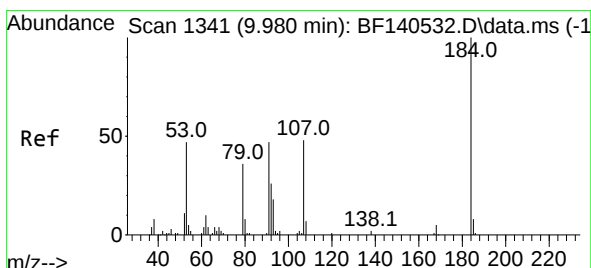
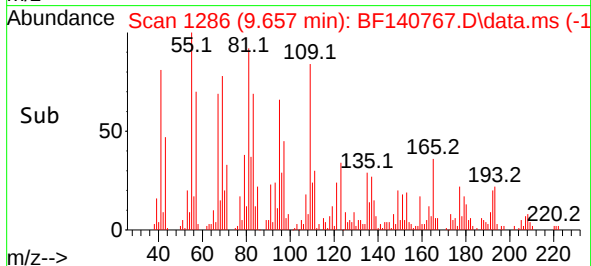
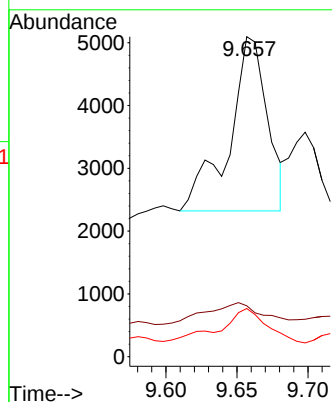
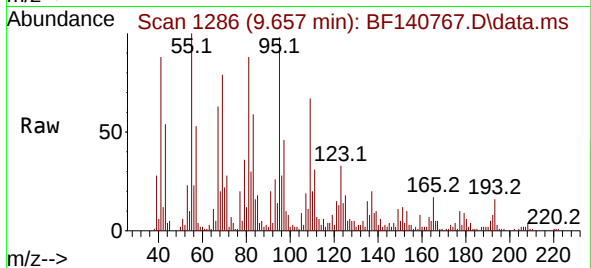
Tgt Ion:165 Resp: 5220

Ion Ratio Lower Upper

165 100

63 15.9 49.9 74.9#

89 15.1 50.9 76.3#



#54

2,4-Dinitrophenol

Concen: 8.173 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.029 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

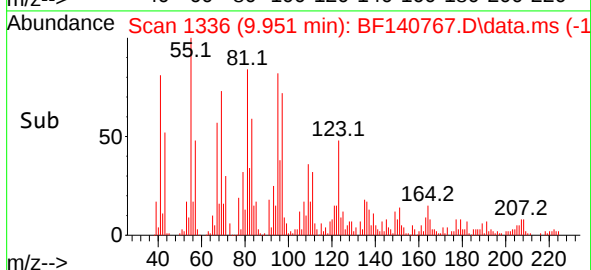
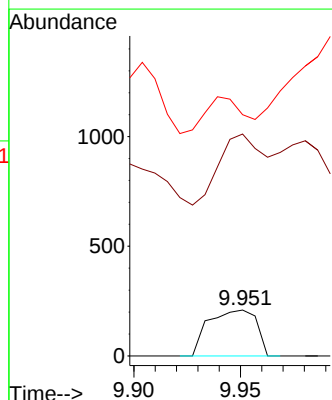
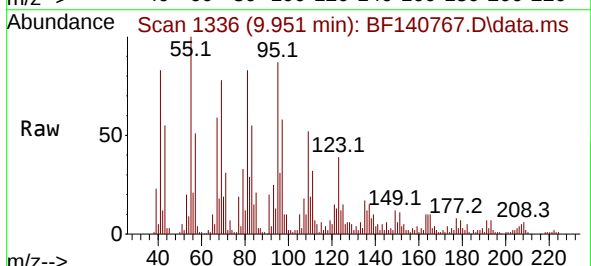
Tgt Ion:184 Resp: 326

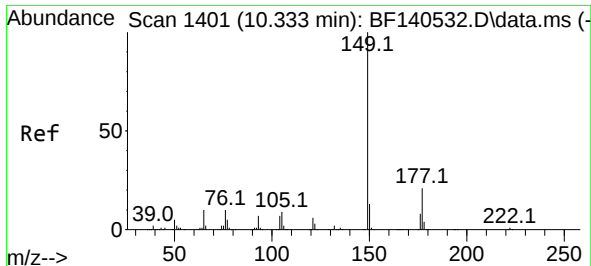
Ion Ratio Lower Upper

184 100

63 484.2 54.1 81.1#

154 526.3 57.4 86.0#

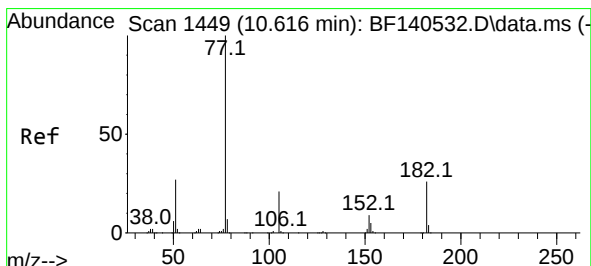
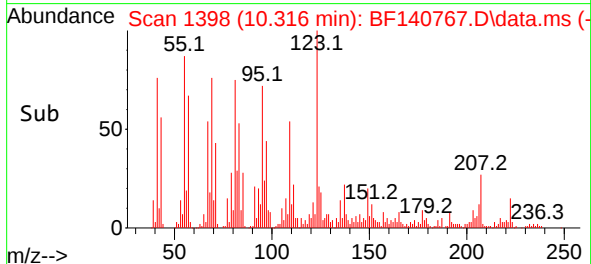
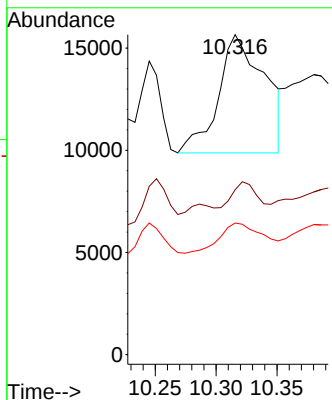
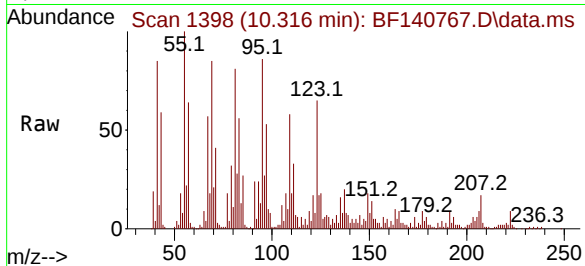




#60
Diethylphthalate
Concen: 2.097 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

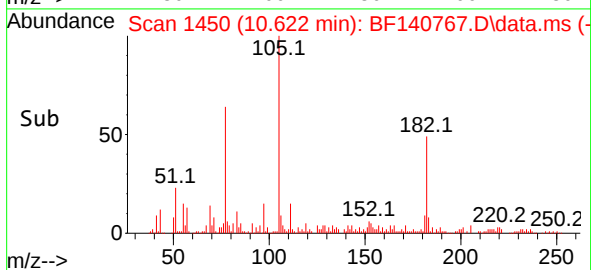
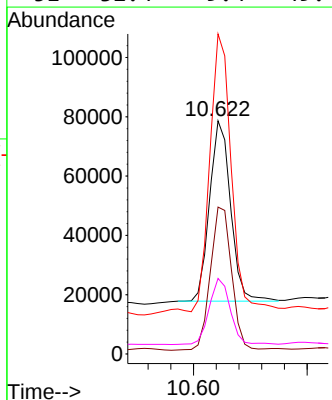
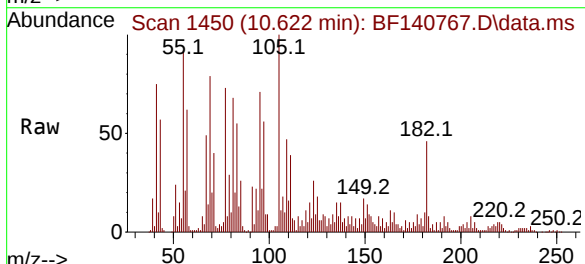
Instrument :
BNA_F
ClientSampleId :
286085

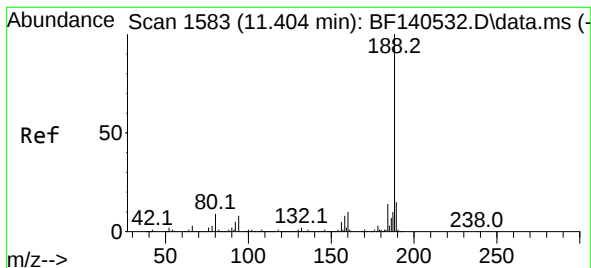
Tgt Ion:149 Resp: 15264
Ion Ratio Lower Upper
149 100
177 51.6 17.1 25.7#
150 41.1 10.1 15.1#



#63
Azobenzene
Concen: 11.353 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140767.D
Acq: 06 Dec 2024 15:32

Tgt Ion: 77 Resp: 78249
Ion Ratio Lower Upper
77 100
182 63.0 5.3 45.3#
105 137.3 0.3 40.3#
51 32.4 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

Instrument :

BNA_F

ClientSampleId :

286085

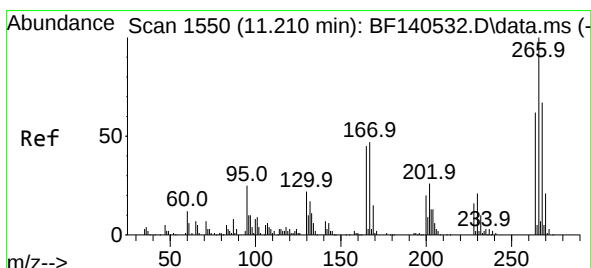
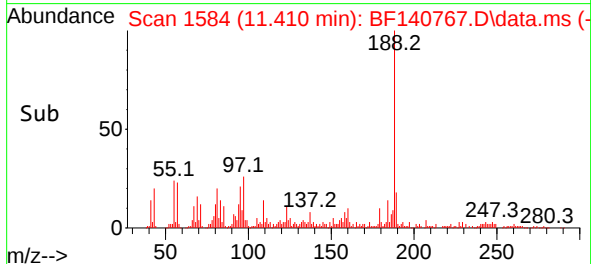
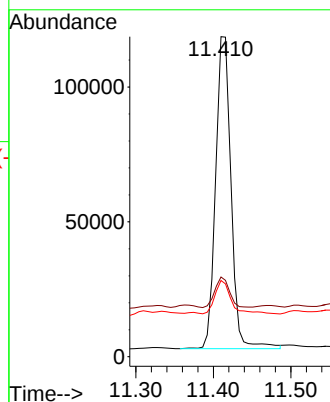
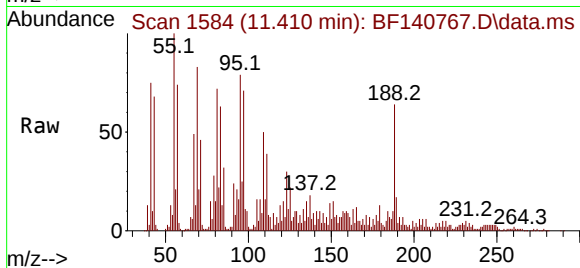
Tgt Ion:188 Resp: 160131

Ion Ratio Lower Upper

188 100

94 24.9 6.4 9.6#

80 23.8 6.9 10.3#



#70

Pentachlorophenol

Concen: 2.198 ng

RT: 11.239 min Scan# 1555

Delta R.T. 0.029 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

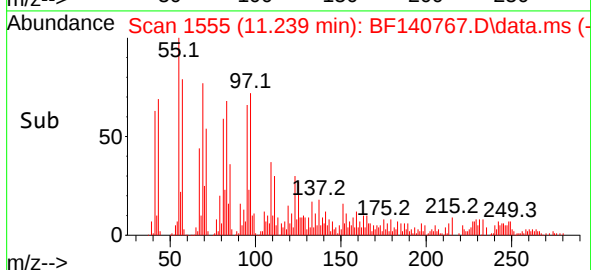
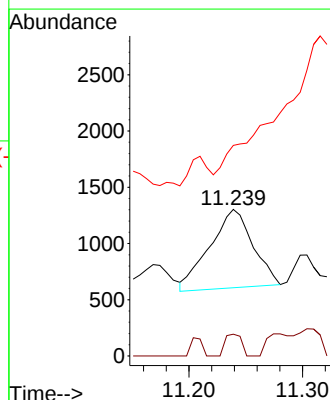
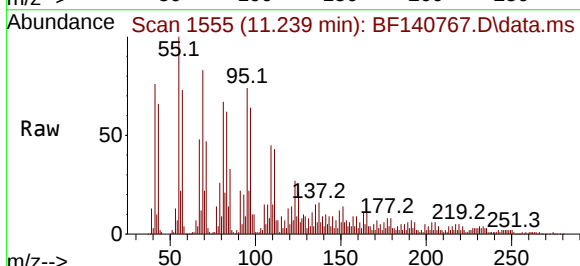
Tgt Ion:266 Resp: 1847

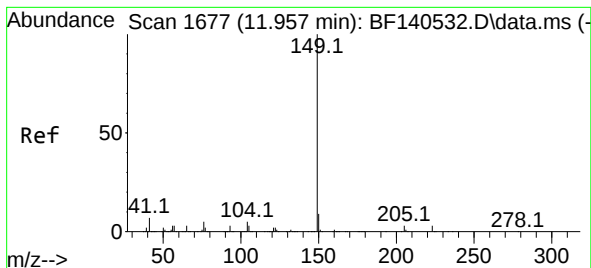
Ion Ratio Lower Upper

266 100

268 14.9 53.7 80.5#

264 143.7 49.8 74.8#





#74

Di-n-butylphthalate

Concen: 10.684 ng

RT: 11.968 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

Instrument :

BNA_F

ClientSampleId :

286085

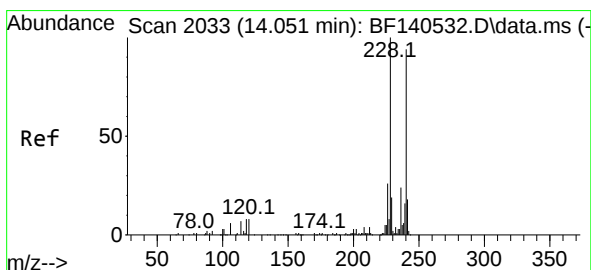
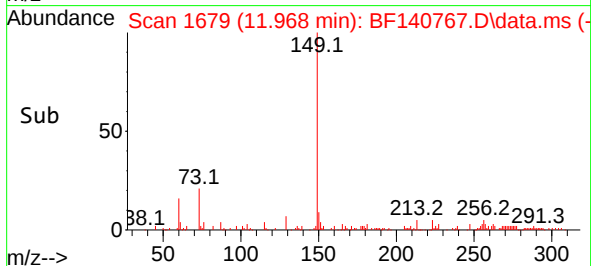
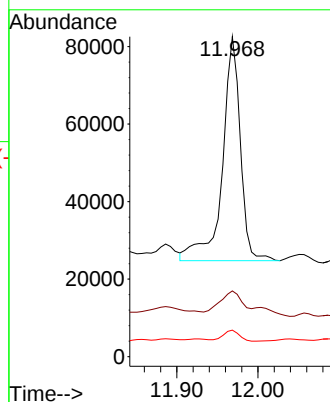
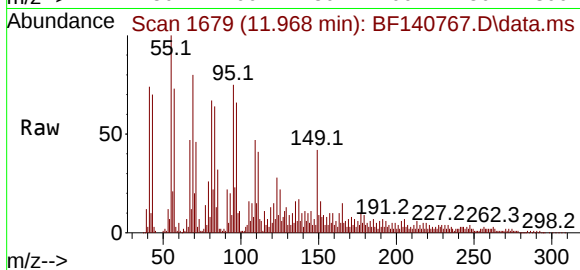
Tgt Ion:149 Resp: 89342

Ion Ratio Lower Upper

149 100

150 20.6 7.5 11.3#

104 8.3 4.1 6.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

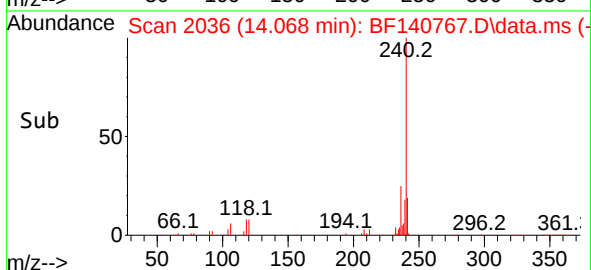
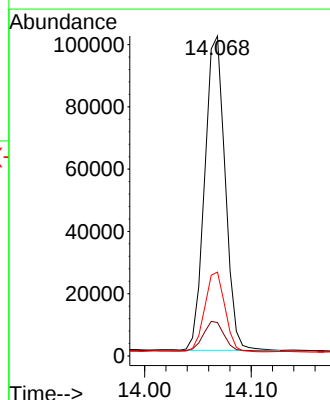
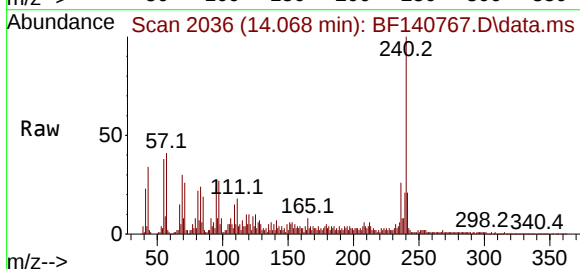
Tgt Ion:240 Resp: 134441

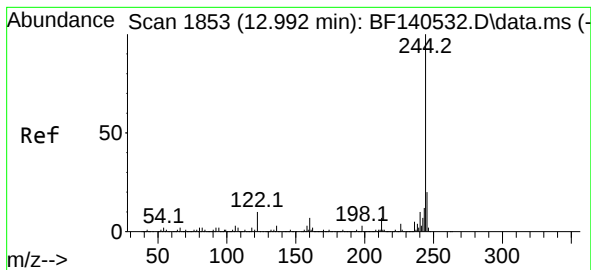
Ion Ratio Lower Upper

240 100

120 10.4 7.3 10.9

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 48.338 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

Instrument :

BNA_F

ClientSampleId :

286085

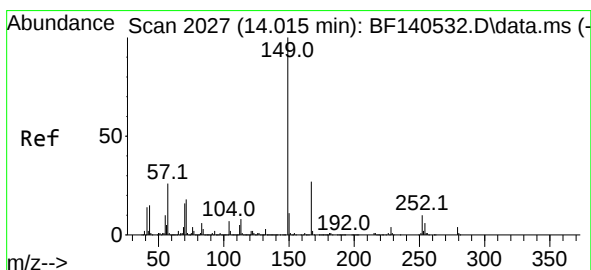
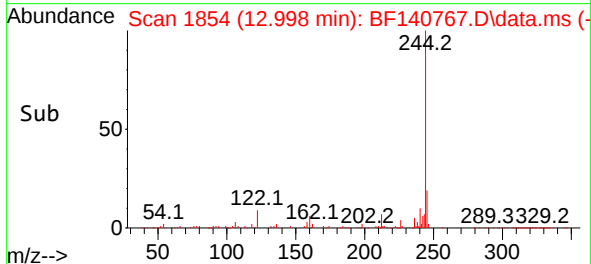
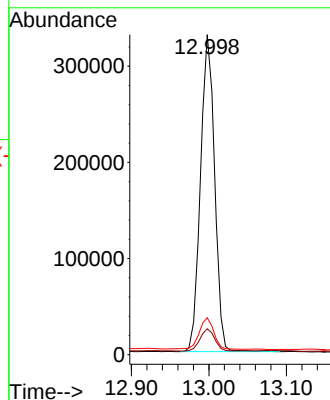
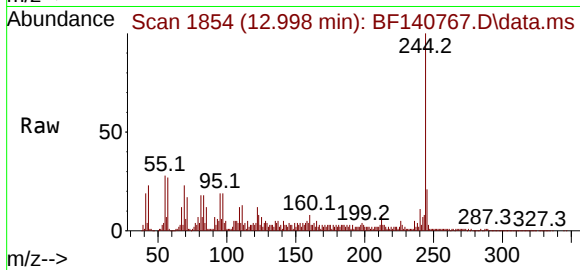
Tgt Ion:244 Resp: 417342

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 11.5 8.0 12.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.875 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140767.D

Acq: 06 Dec 2024 15:32

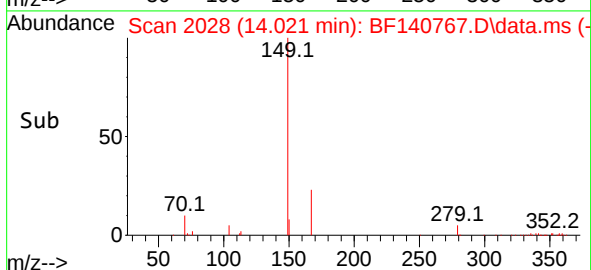
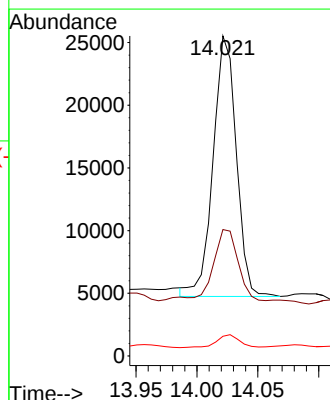
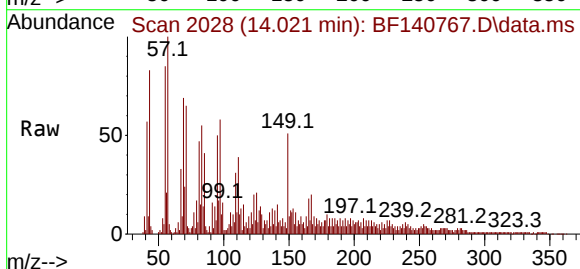
Tgt Ion:149 Resp: 27564

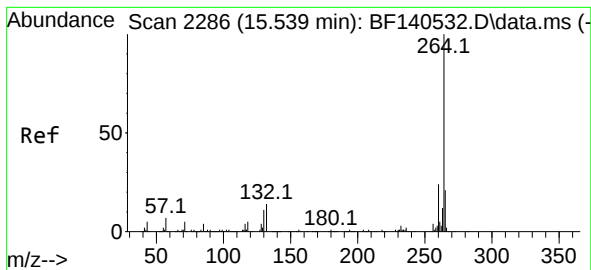
Ion Ratio Lower Upper

149 100

167 39.5 21.2 31.8#

279 6.2 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140767.D

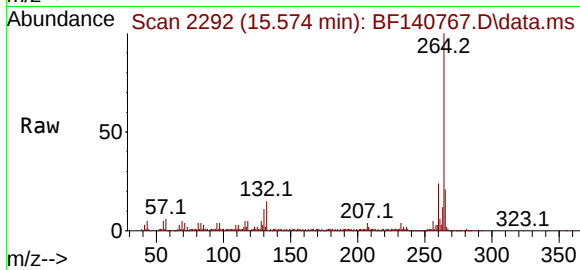
Acq: 06 Dec 2024 15:32

Instrument :

BNA_F

ClientSampleId :

286085



Tgt Ion:264 Resp: 148729

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.4 16.6 25.0

