

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140787.D
 Acq On : 09 Dec 2024 14:05
 Operator : RC/JU
 Sample : PB165435BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BL

Quant Time: Dec 09 15:59:08 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	6.863	152	64208	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	244060	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	138194	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	265718	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	179670	20.000	ng	0.00
86) Perylene-d12	15.557	264	141543	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	597910	158.884	ng	0.00
7) Phenol-d6	6.510	99	765087	153.785	ng	0.00
23) Nitrobenzene-d5	7.428	82	492946	103.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	234279	158.511	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	990114	106.749	ng	-0.02
79) Terphenyl-d14	12.980	244	1142812	99.043	ng	-0.01

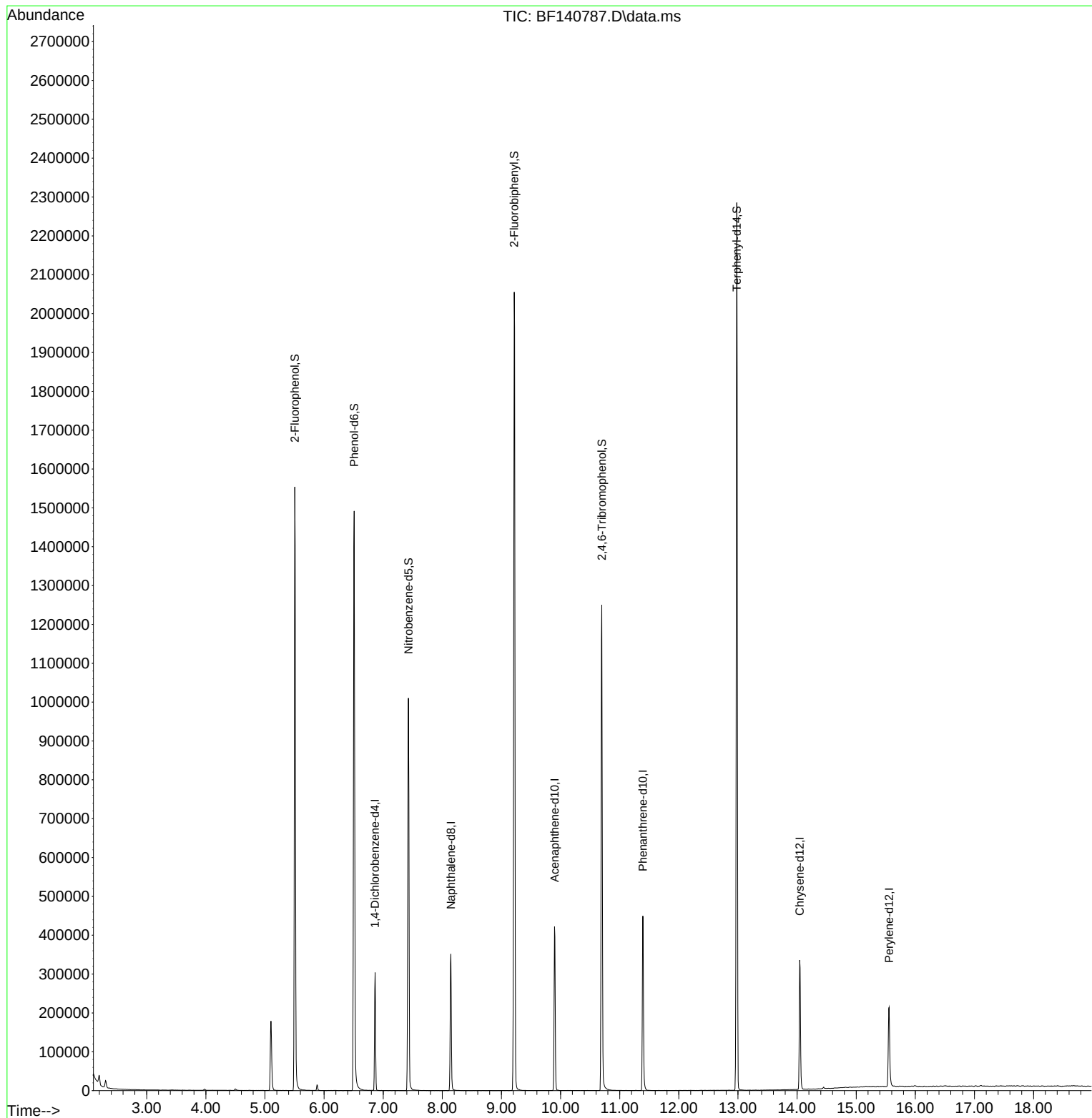
Target Compounds	Qvalue

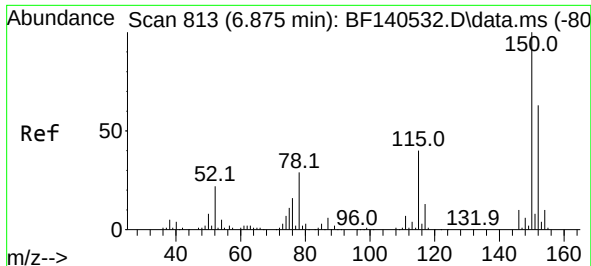
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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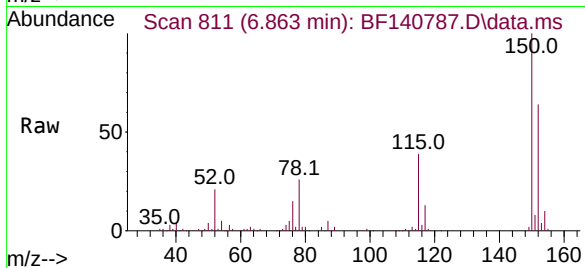
Quant Time: Dec 09 15:59:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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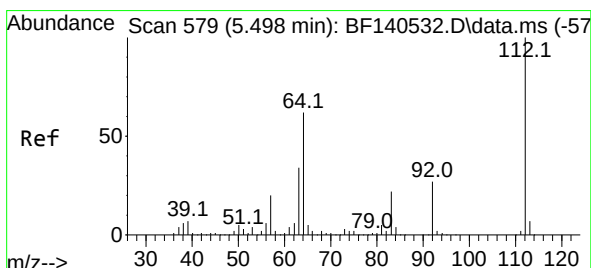
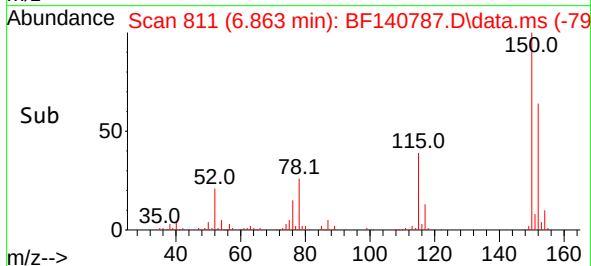
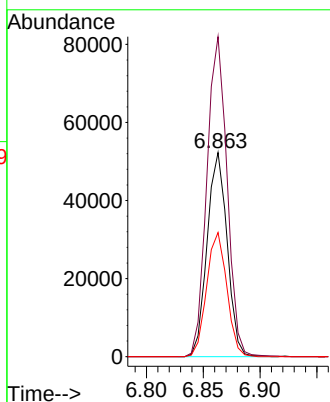


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB165435BL

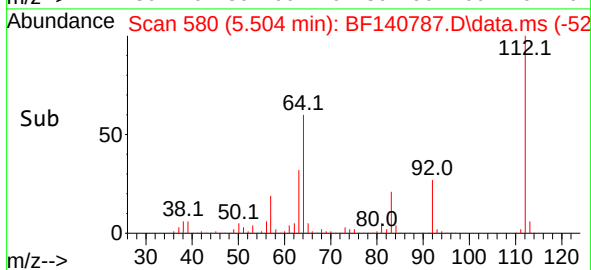
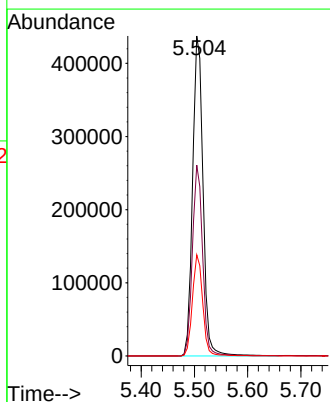
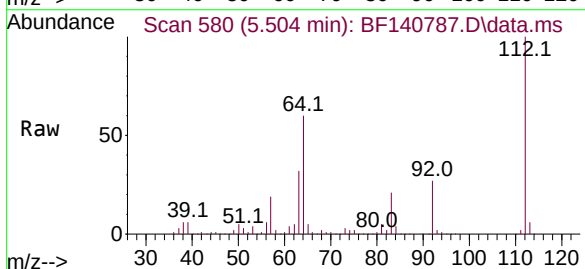


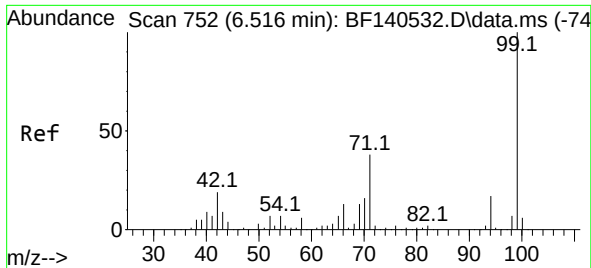
Tgt Ion:152 Resp: 64208
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 158.884 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:112 Resp: 597910
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.6 27.0 40.4

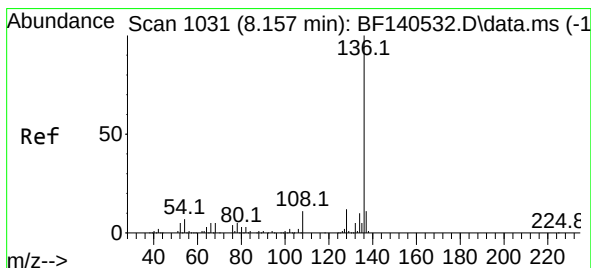
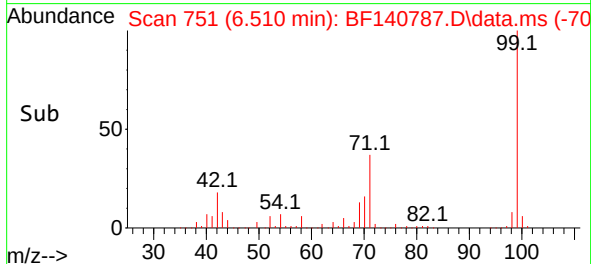
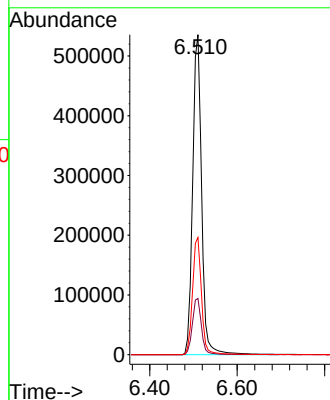
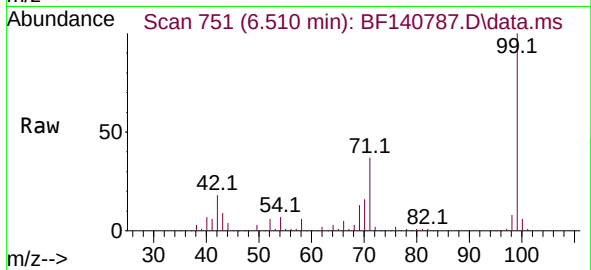




#7
Phenol-d6
Concen: 153.785 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

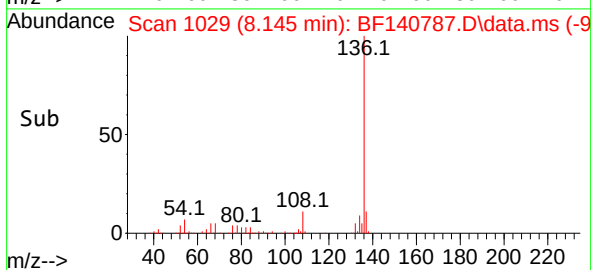
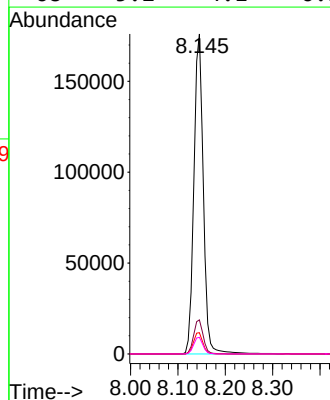
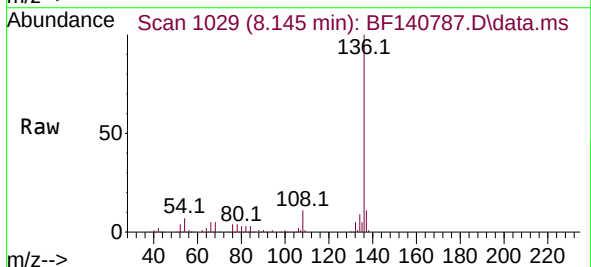
Instrument :
BNA_F
ClientSampleId :
PB165435BL

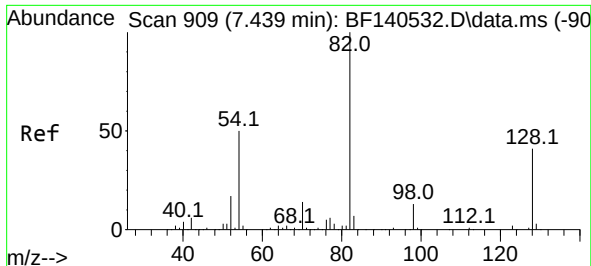
Tgt Ion: 99 Resp: 765087
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion: 136 Resp: 244060
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.6 5.8 8.8
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 103.312 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

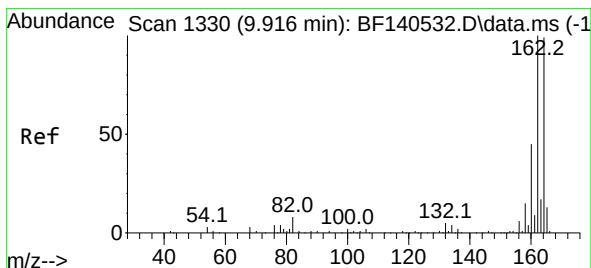
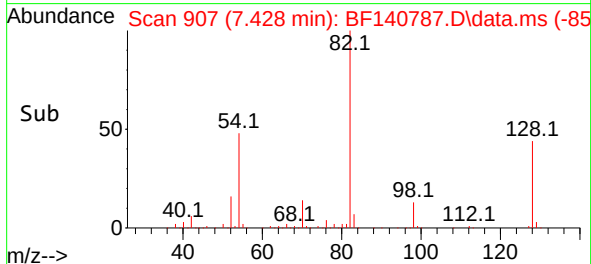
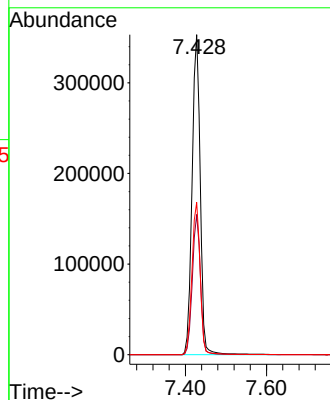
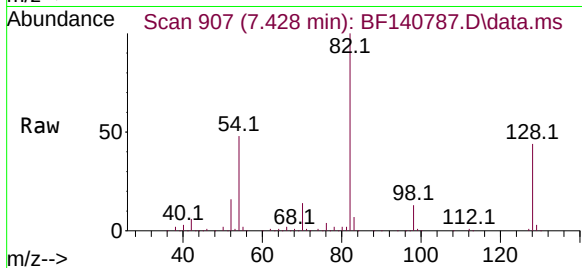
BNA_F

ClientSampleId :

PB165435BL

Tgt Ion: 82 Resp: 492946

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.0	49.4
54	47.6	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

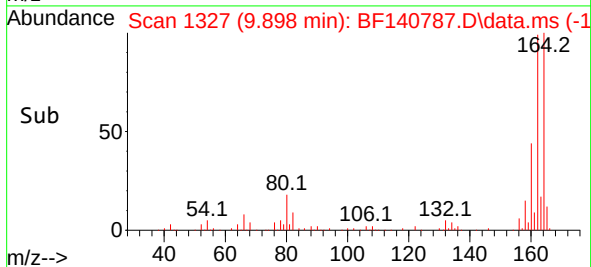
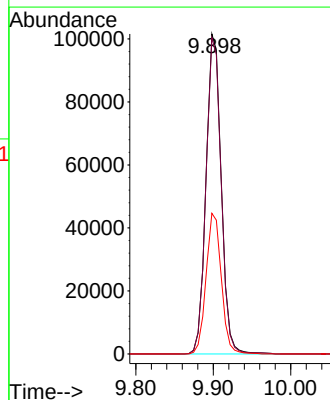
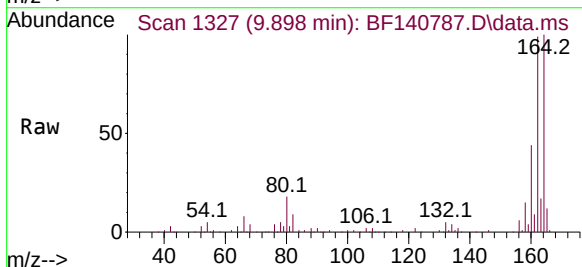
Delta R.T. -0.018 min

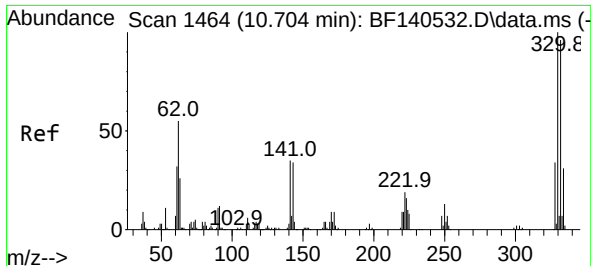
Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Tgt Ion:164 Resp: 138194

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	44.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 158.511 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140787.D

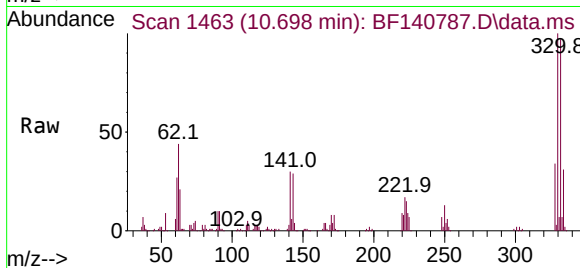
Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL



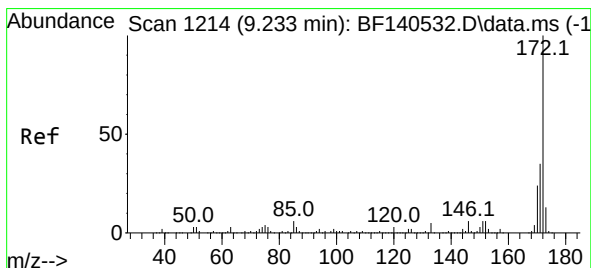
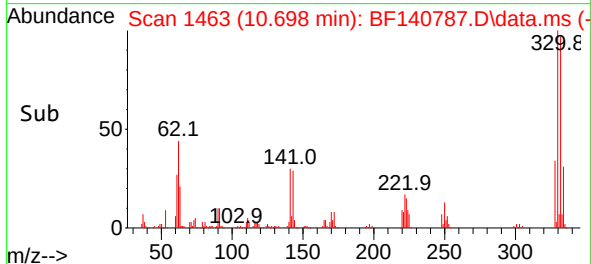
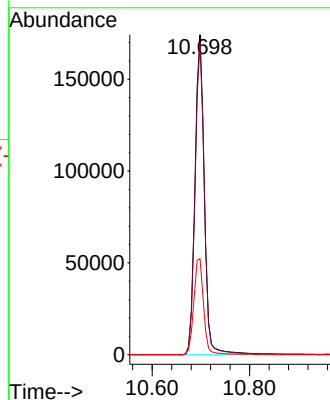
Tgt Ion:330 Resp: 234279

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 31.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 106.749 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

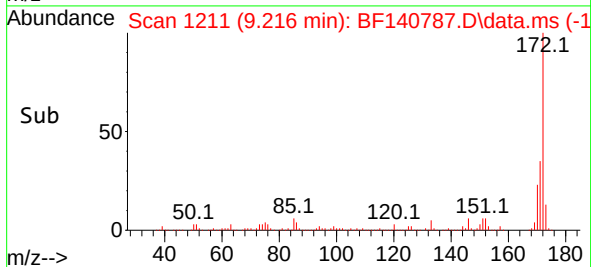
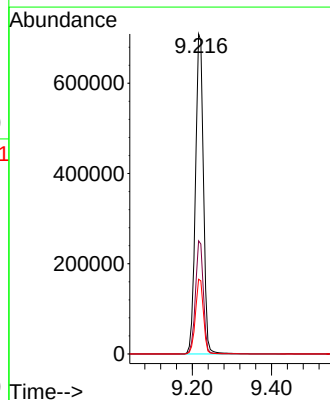
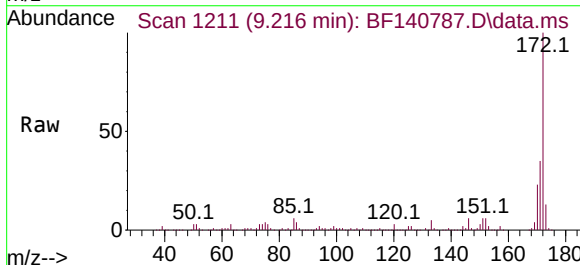
Tgt Ion:172 Resp: 990114

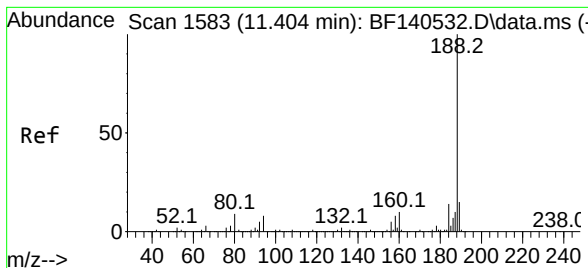
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL

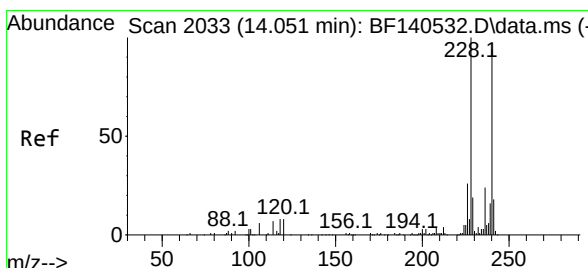
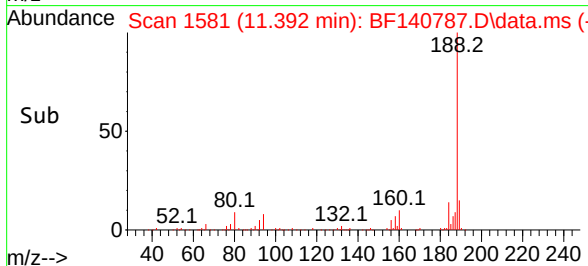
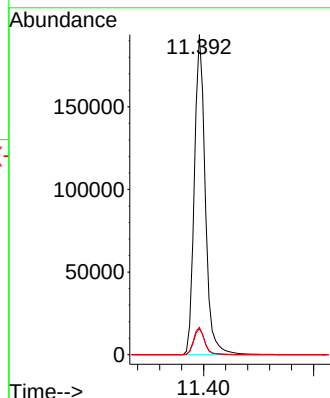
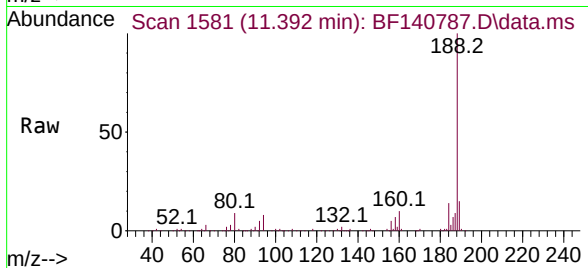
Tgt Ion:188 Resp: 265718

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

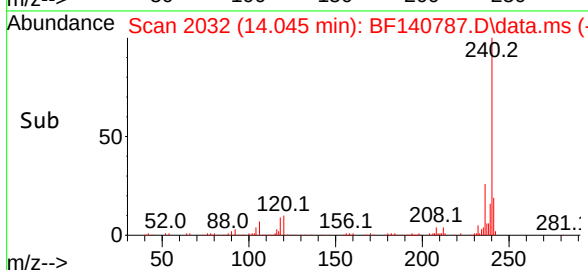
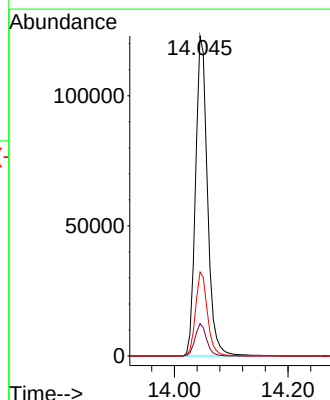
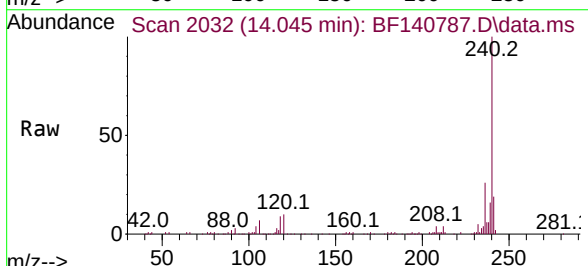
Tgt Ion:240 Resp: 179670

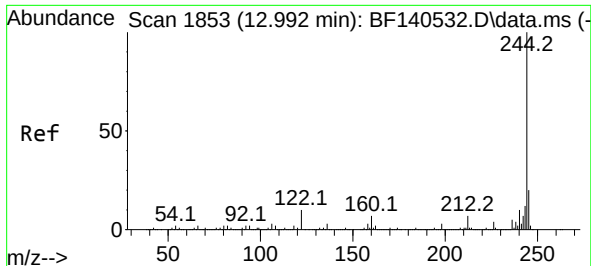
Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

236 26.3 20.6 31.0

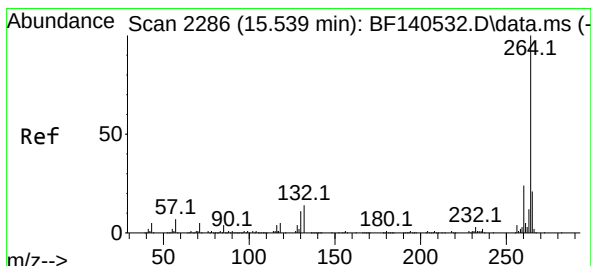
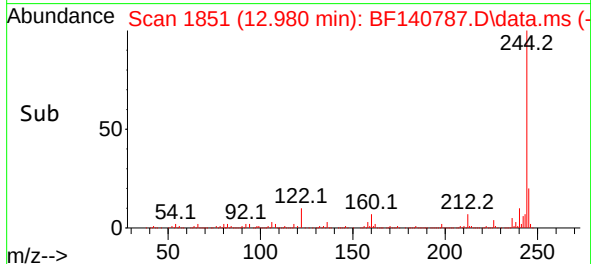
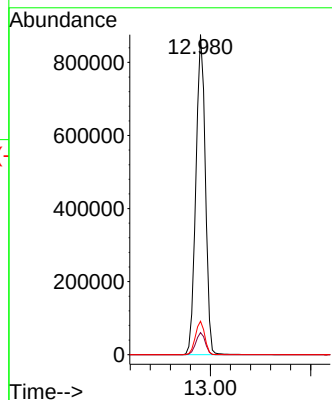
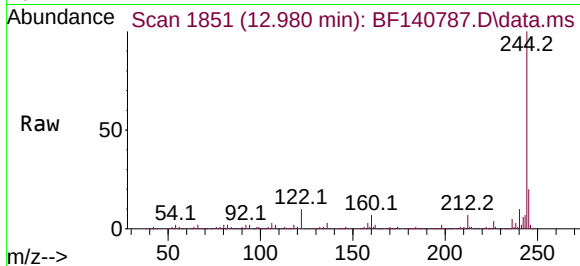




#79
 Terphenyl-d14
 Concen: 99.043 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140787.D
 Acq: 09 Dec 2024 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BL

Tgt Ion:244 Resp: 1142812
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140787.D
 Acq: 09 Dec 2024 14:05

Tgt Ion:264 Resp: 141543
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 16.6 25.0

