

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140179.D
 Acq On : 31 Oct 2024 10:41
 Operator : RC/JU
 Sample : PB164522TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164522TB

Quant Time: Oct 31 12:10:26 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	6.886	152	125571	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	492502	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	287215	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	551524	20.000	ng	0.00
76) Chrysene-d12	14.086	240	402294	20.000	ng	0.04
86) Perylene-d12	15.627	264	329817	20.000	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	996171	124.192	ng	0.02
7) Phenol-d6	6.510	99	1267251	121.983	ng	0.00
23) Nitrobenzene-d5	7.445	82	872649	98.203	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	427070	158.968	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1600612	92.103	ng	0.00
79) Terphenyl-d14	13.021	244	2081631	84.316	ng	0.02

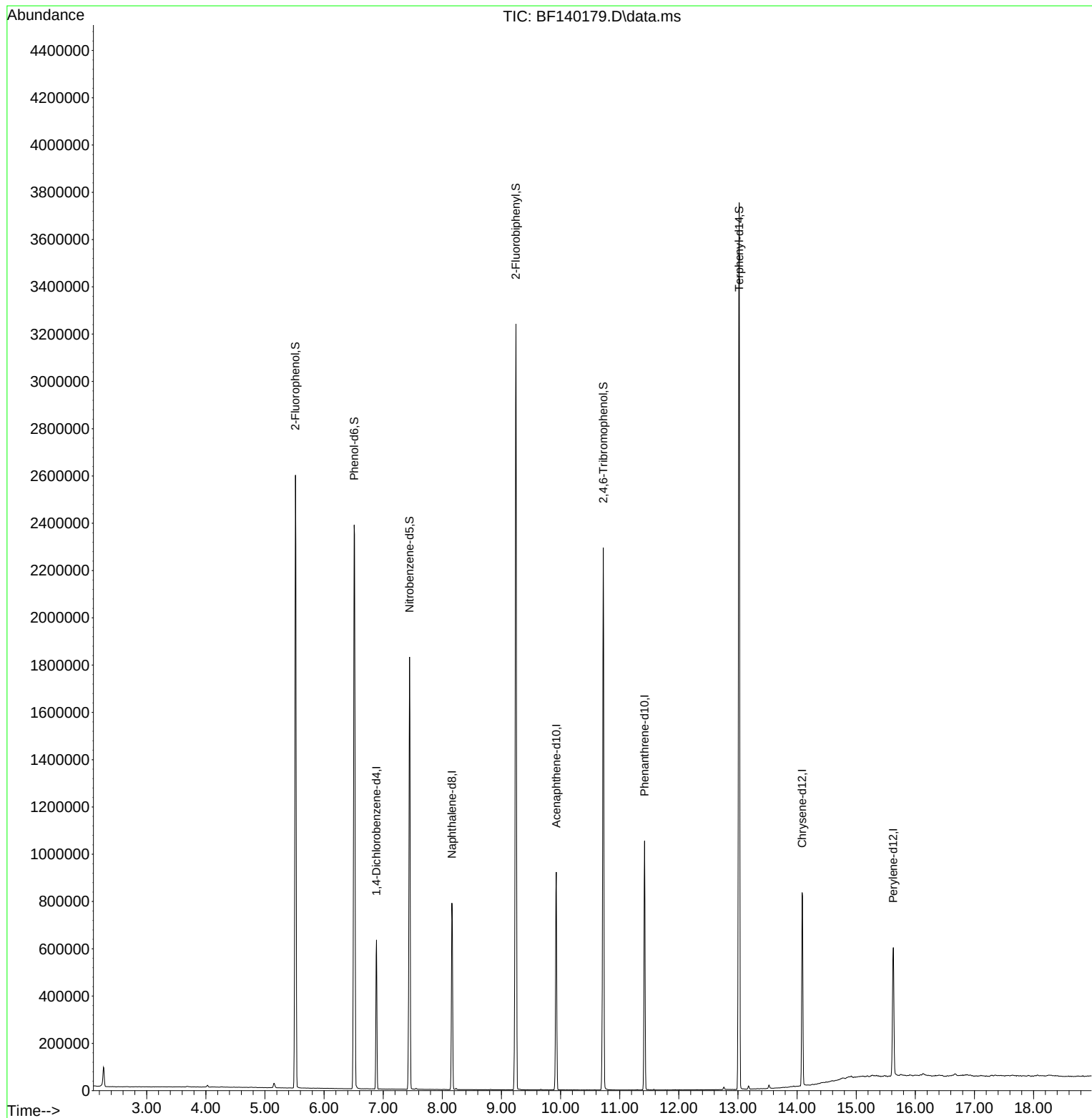
Target Compounds	Qvalue

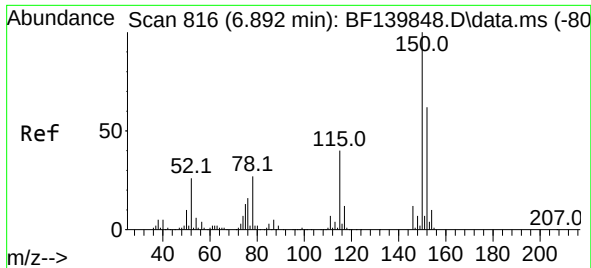
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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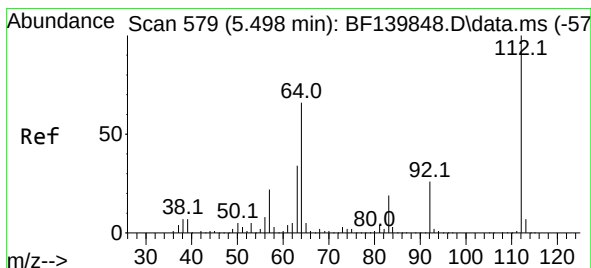
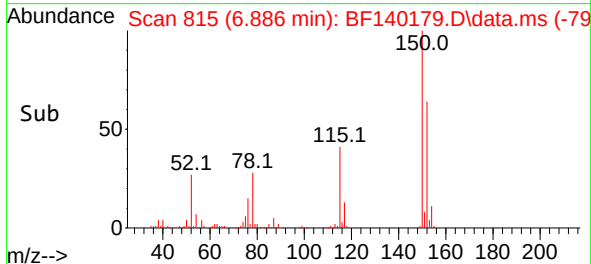
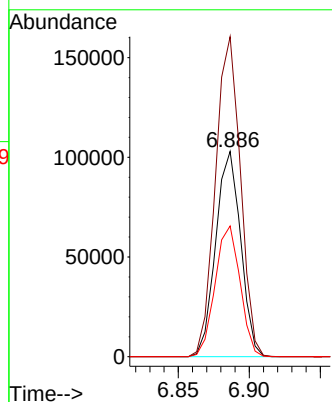
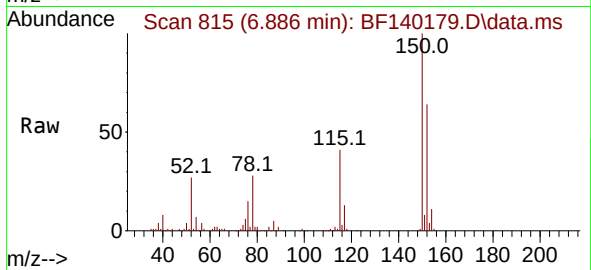




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

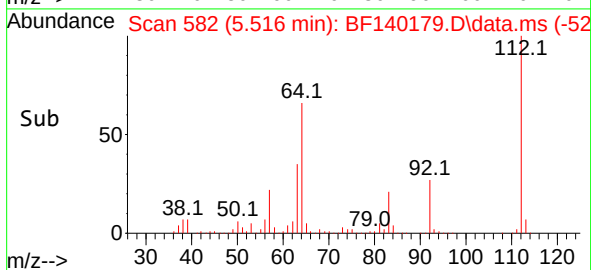
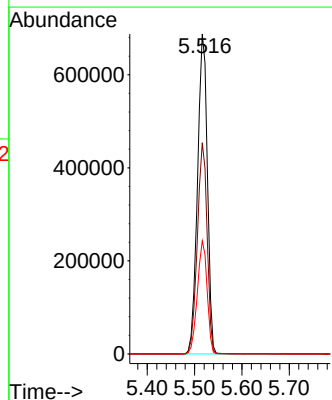
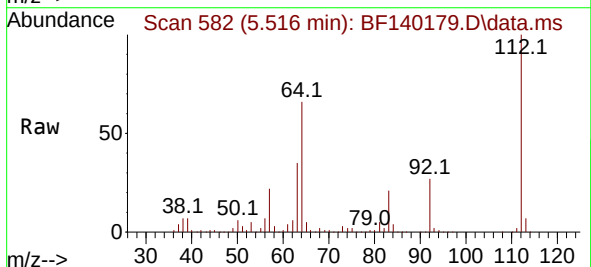
Instrument :
BNA_F
ClientSampleId :
PB164522TB

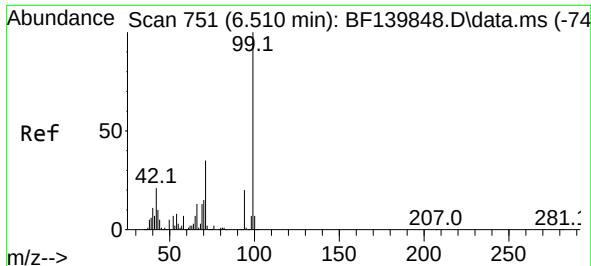
Tgt Ion:152 Resp: 125571
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 124.192 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion:112 Resp: 996171
Ion Ratio Lower Upper
112 100
64 66.0 53.0 79.6
63 35.4 27.0 40.4



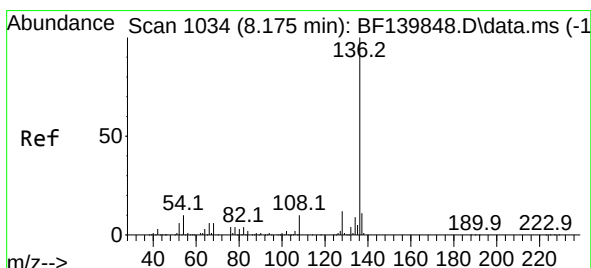
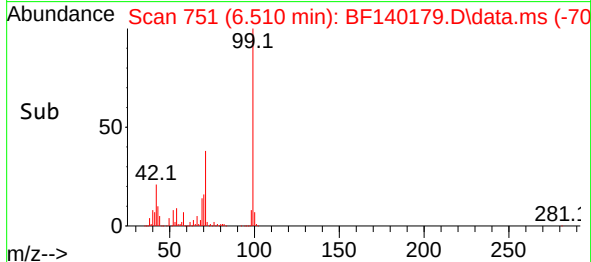
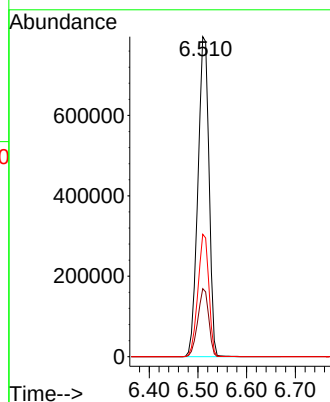
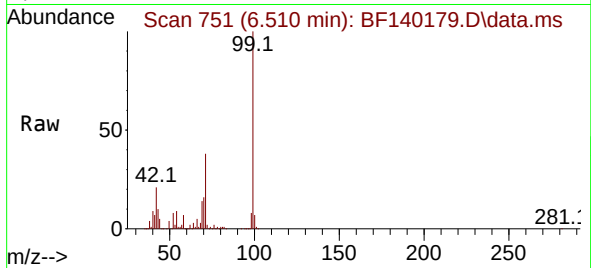


#7
Phenol-d6
Concen: 121.983 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164522TB

Tgt Ion: 99 Resp: 1267251

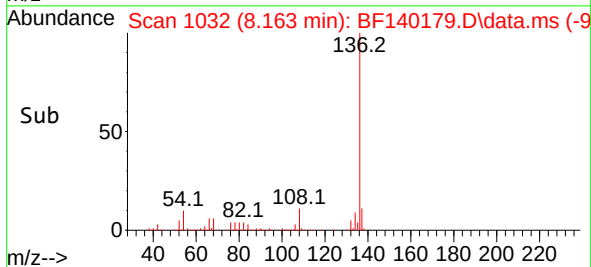
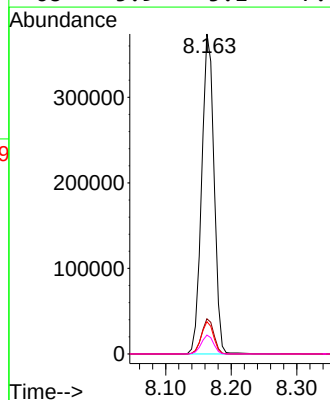
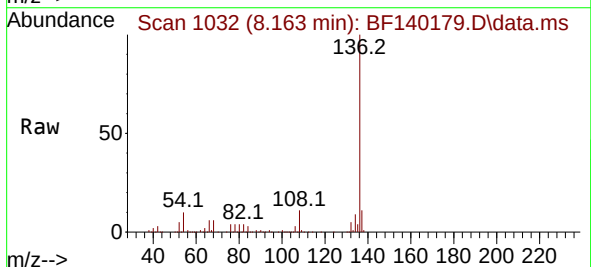
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.7	25.1
71	38.2	27.7	41.5

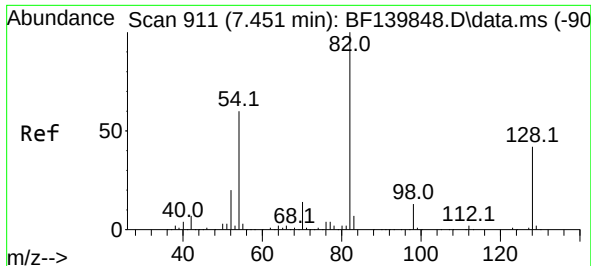


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion: 136 Resp: 492502

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.1	8.4	12.6
68	5.9	5.1	7.7





#23

Nitrobenzene-d5

Concen: 98.203 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164522TB

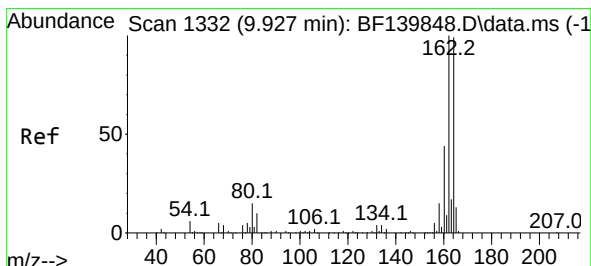
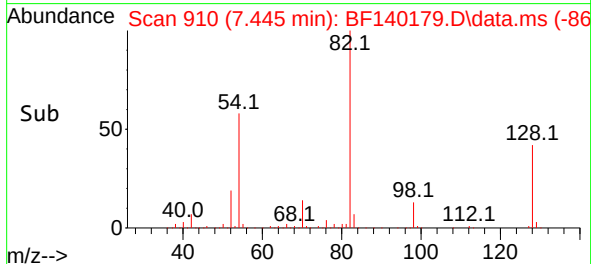
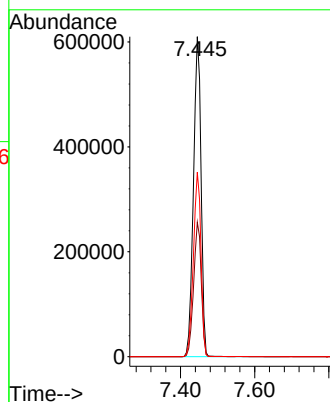
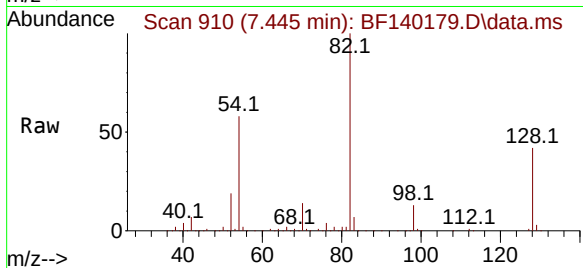
Tgt Ion: 82 Resp: 872649

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

54 57.6 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

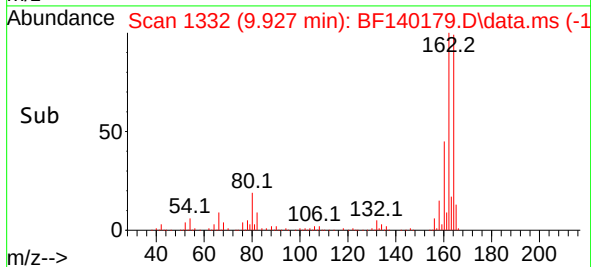
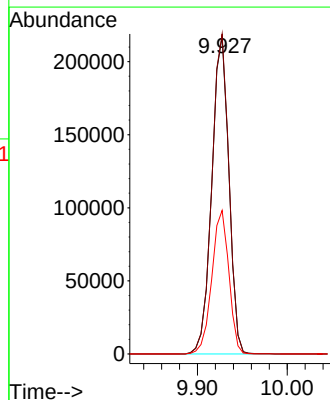
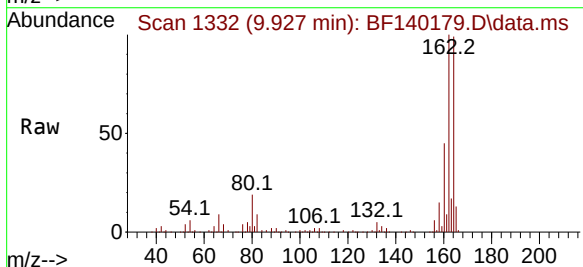
Tgt Ion:164 Resp: 287215

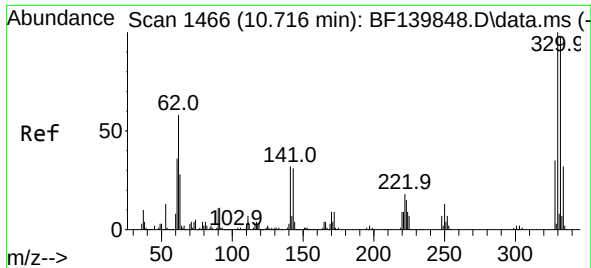
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

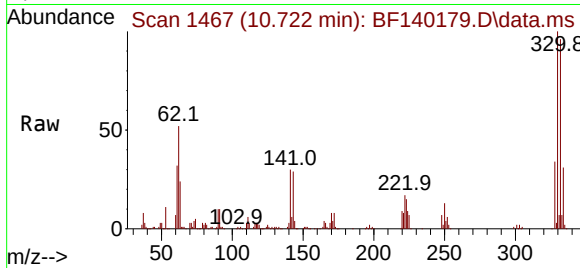
160 45.2 35.4 53.0



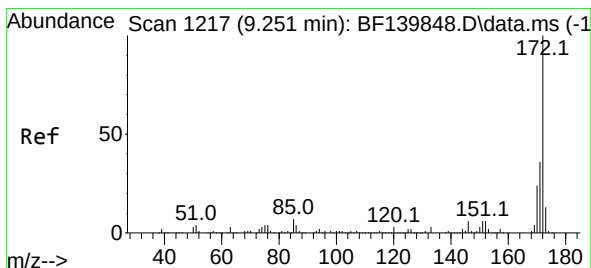
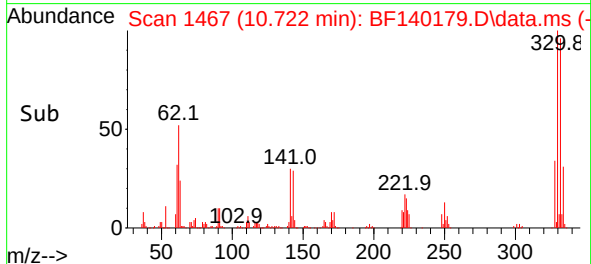
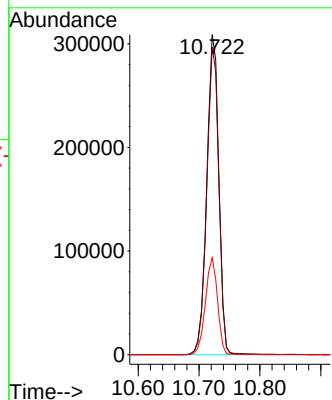


#42
2,4,6-Tribromophenol
Concen: 158.968 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB164522TB

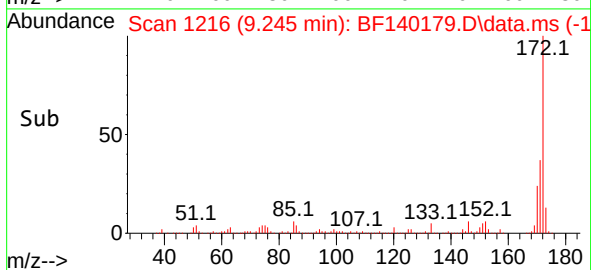
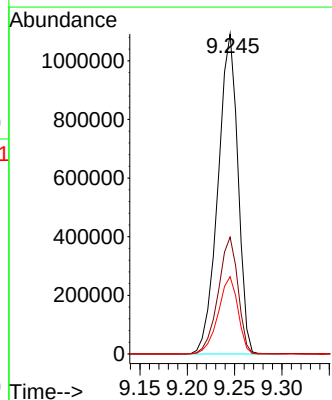
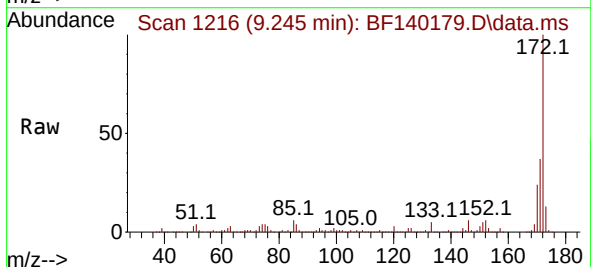


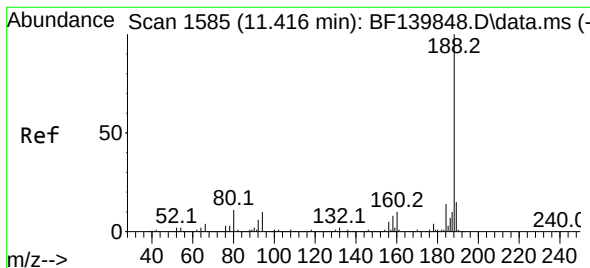
Tgt Ion: 330 Resp: 427070
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 30.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 92.103 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140179.D
Acq: 31 Oct 2024 10:41

Tgt Ion: 172 Resp: 1600612
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164522TB

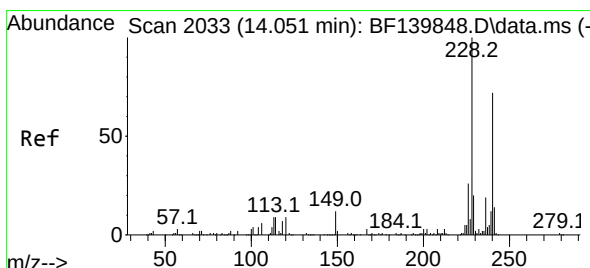
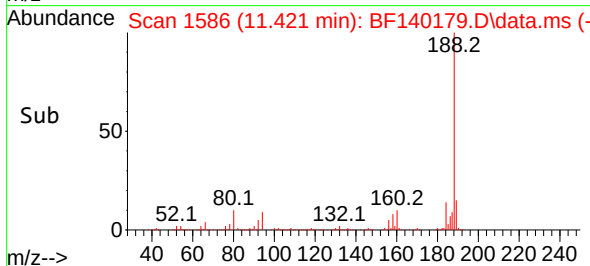
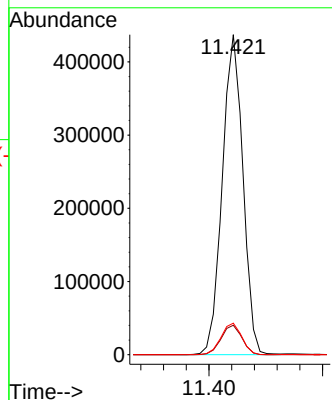
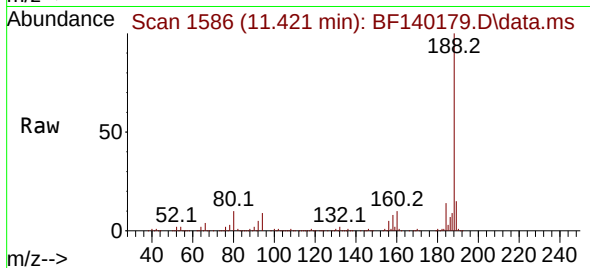
Tgt Ion:188 Resp: 551524

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 9.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

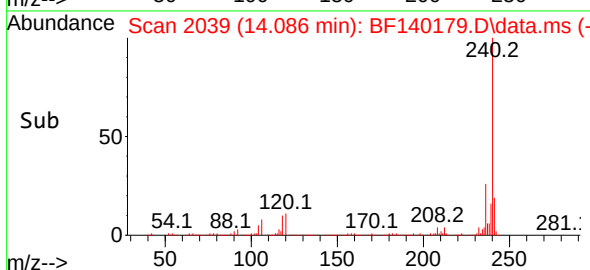
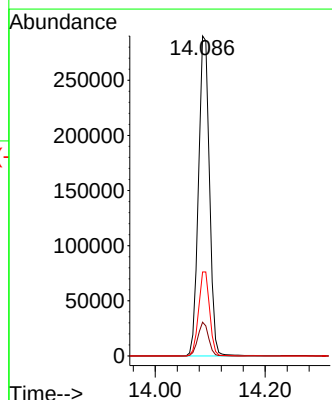
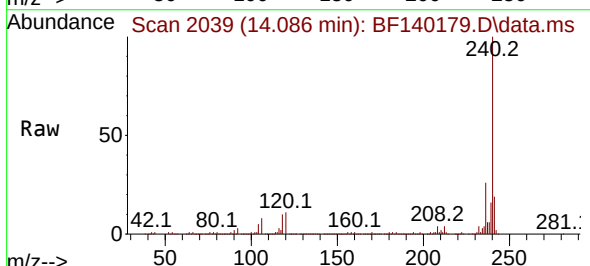
Tgt Ion:240 Resp: 402294

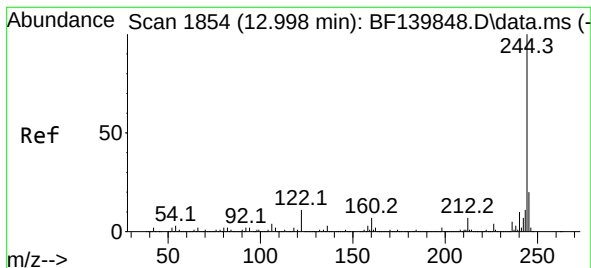
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 84.316 ng

RT: 13.021 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB164522TB

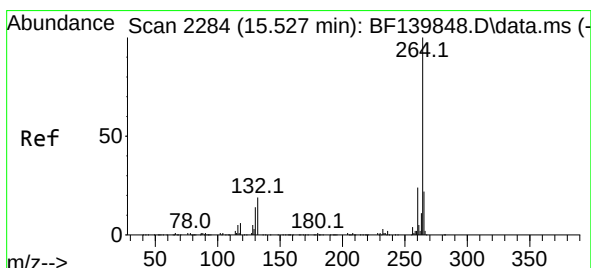
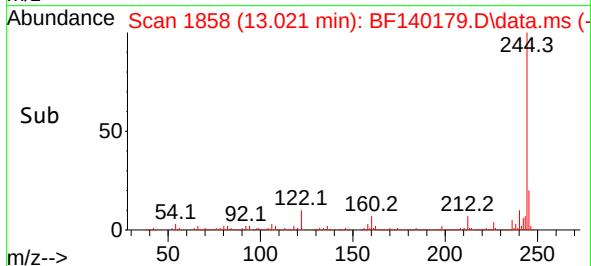
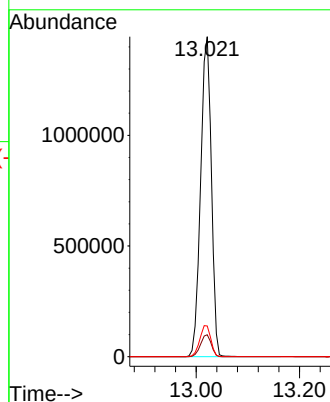
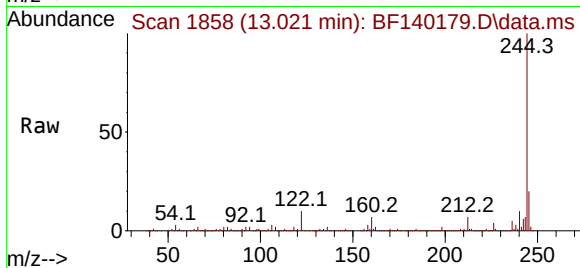
Tgt Ion:244 Resp: 2081631

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.6 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2301

Delta R.T. 0.100 min

Lab File: BF140179.D

Acq: 31 Oct 2024 10:41

Tgt Ion:264 Resp: 329817

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.0 17.4 26.0

