

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140177.D
 Acq On : 31 Oct 2024 09:48
 Operator : RC/JU
 Sample : PB164540BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164540BL

Quant Time: Oct 31 12:09:41 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	6.887	152	121659	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	478189	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	278399	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	531346	20.000	ng	0.00
76) Chrysene-d12	14.092	240	399152	20.000	ng	0.04
86) Perylene-d12	15.633	264	338808	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	945395	121.652	ng	0.02
7) Phenol-d6	6.516	99	1212883	120.504	ng	0.00
23) Nitrobenzene-d5	7.445	82	824745	95.591	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	398646	153.086	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1526450	90.617	ng	0.00
79) Terphenyl-d14	13.021	244	1973350	80.559	ng	0.02

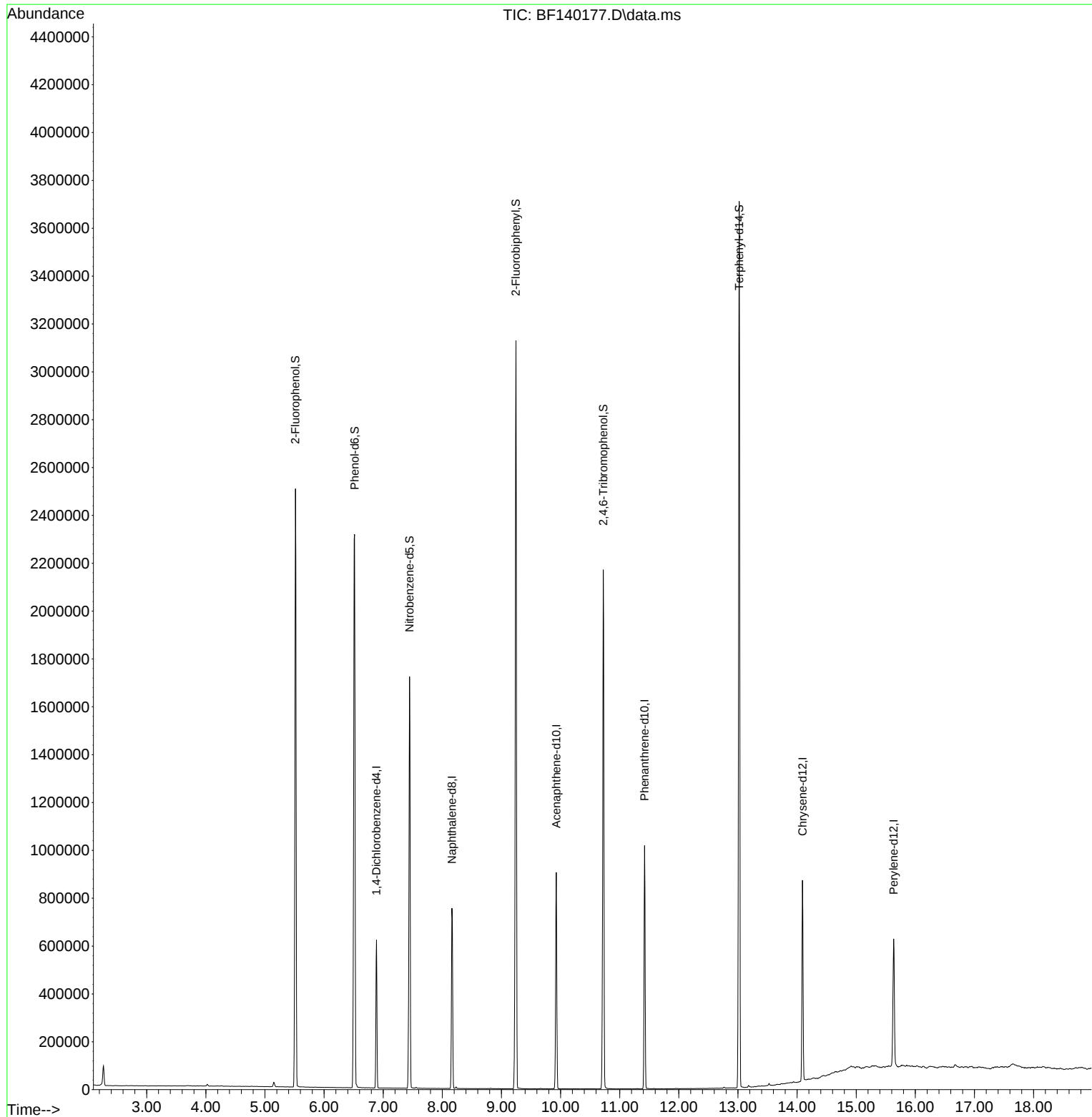
Target Compounds	Qvalue

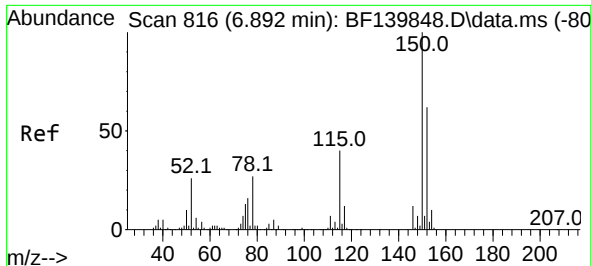
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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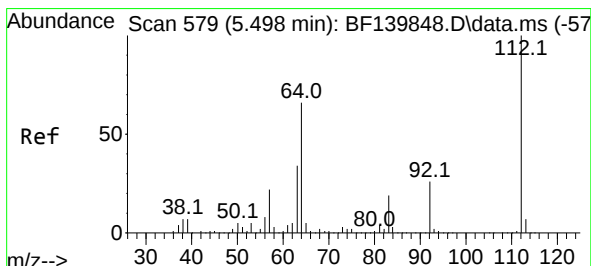
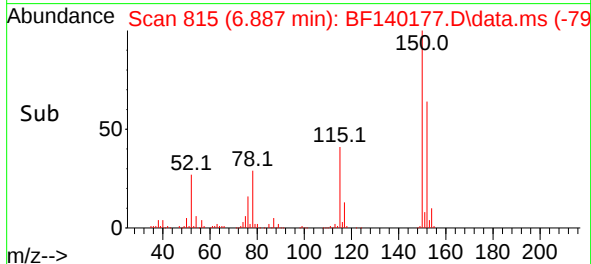
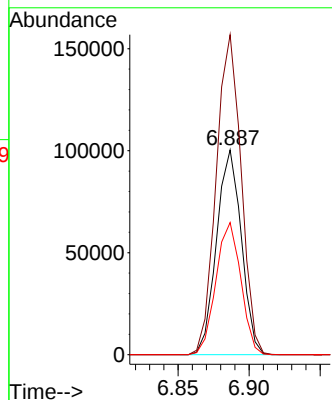
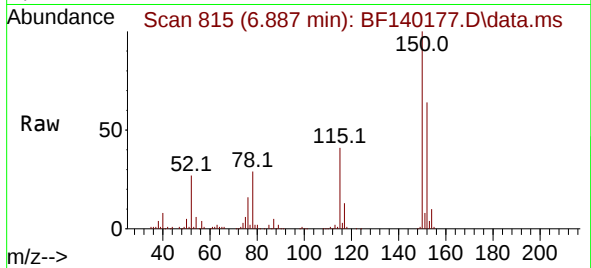




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

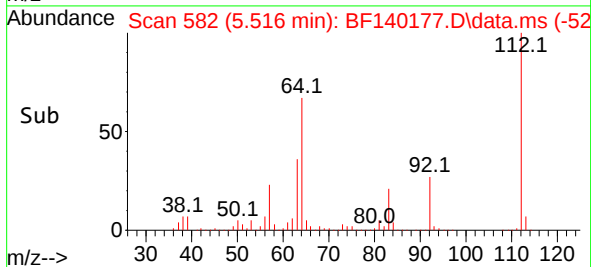
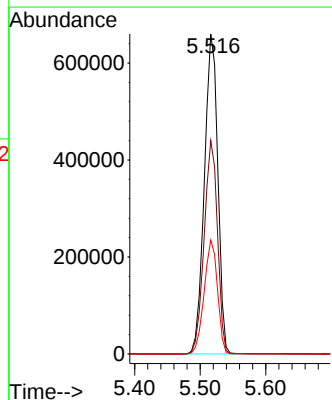
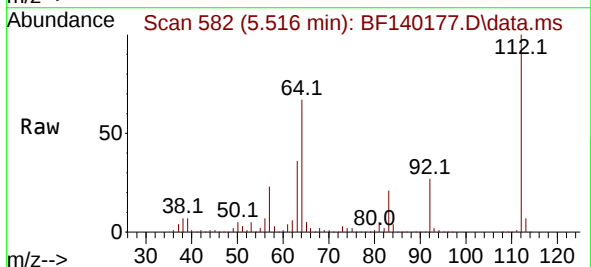
Instrument :
BNA_F
ClientSampleId :
PB164540BL

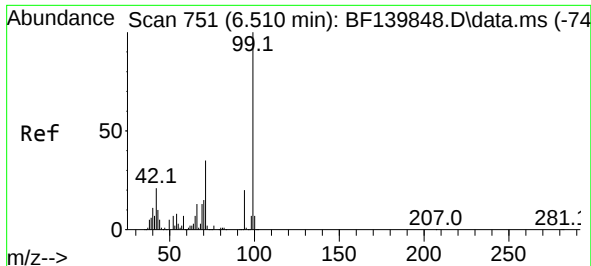
Tgt Ion:152 Resp: 121659
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 121.652 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:112 Resp: 945395
Ion Ratio Lower Upper
112 100
64 66.7 53.0 79.6
63 35.6 27.0 40.4

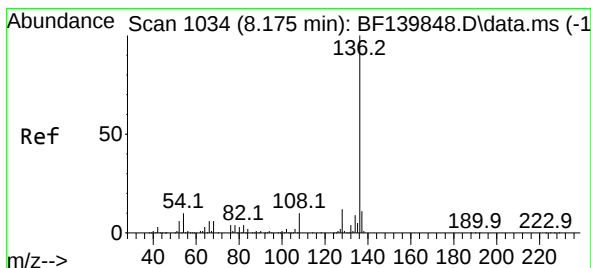
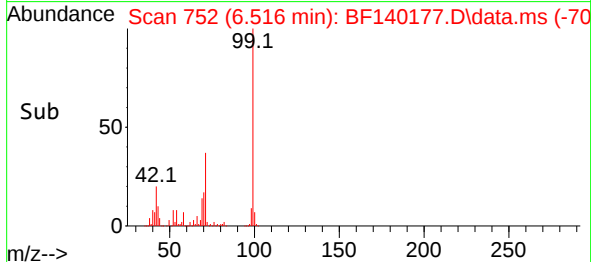
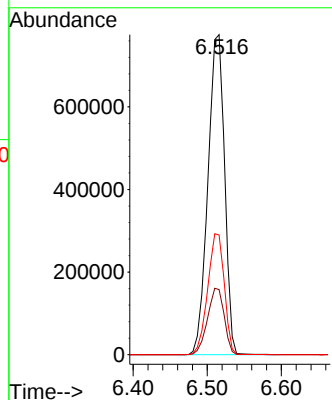
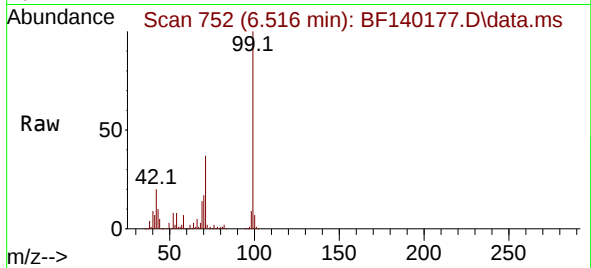




#7
Phenol-d6
Concen: 120.504 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

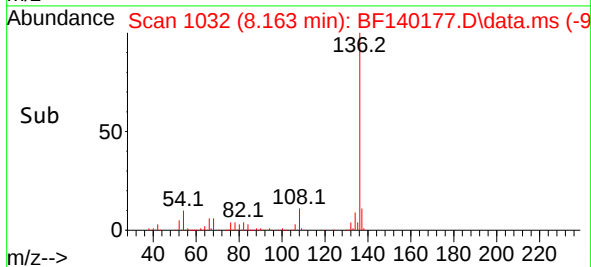
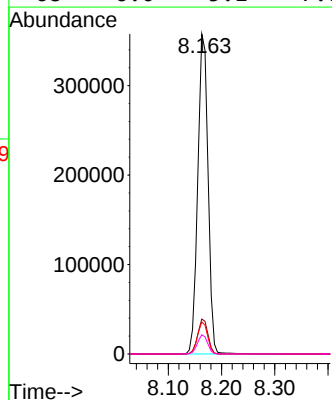
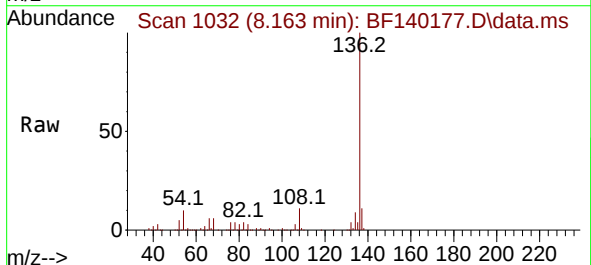
Instrument :
BNA_F
ClientSampleId :
PB164540BL

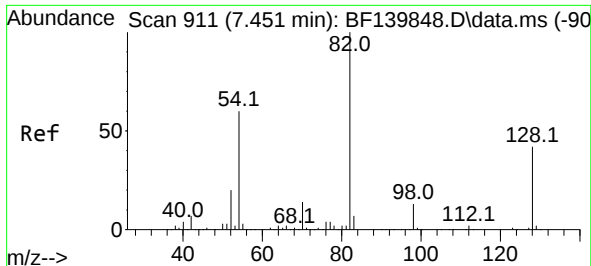
Tgt Ion: 99 Resp: 1212883
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 37.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion: 136 Resp: 478189
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 95.591 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

Instrument :

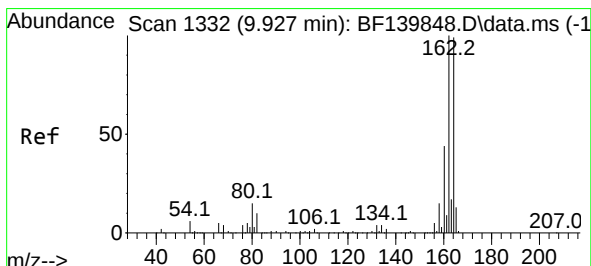
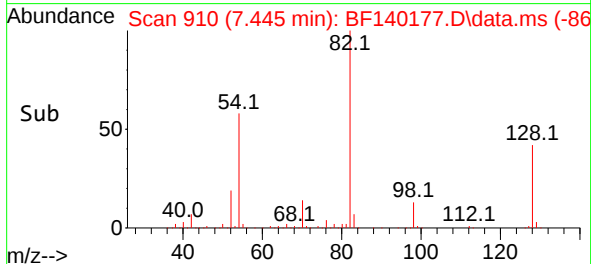
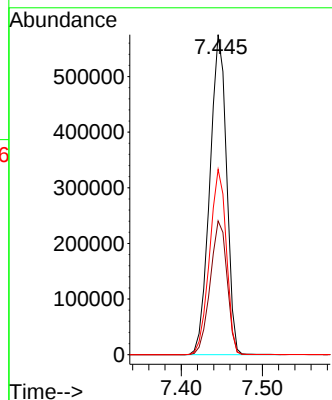
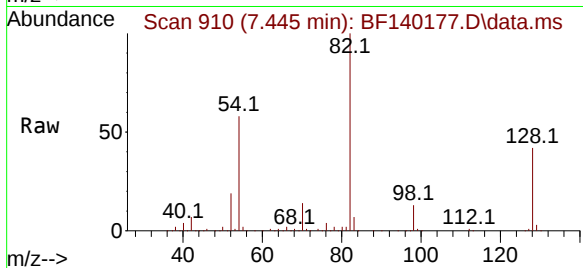
BNA_F

ClientSampleId :

PB164540BL

Tgt Ion: 82 Resp: 824745

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	57.9	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

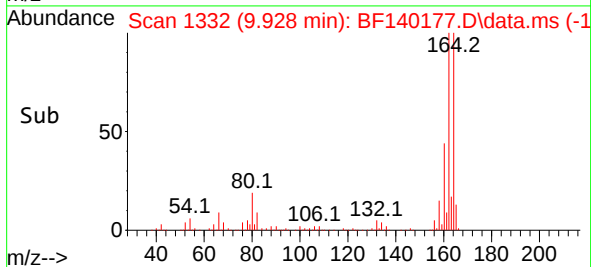
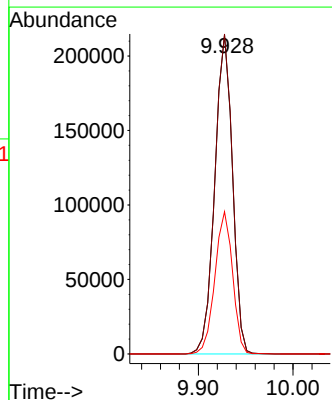
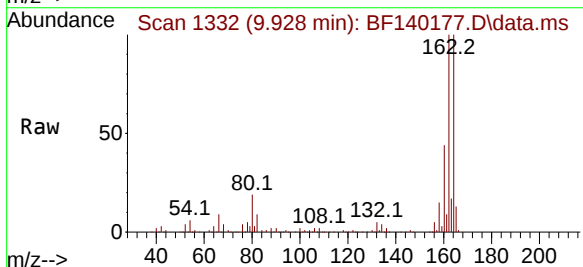
Delta R.T. 0.001 min

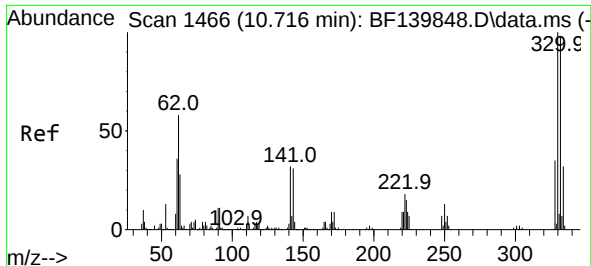
Lab File: BF140177.D

Acq: 31 Oct 2024 09:48

Tgt Ion:164 Resp: 278399

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.4
160	44.6	35.4	53.0

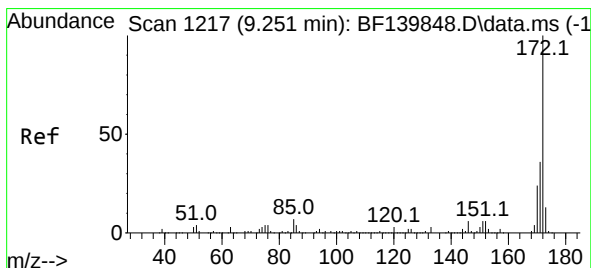
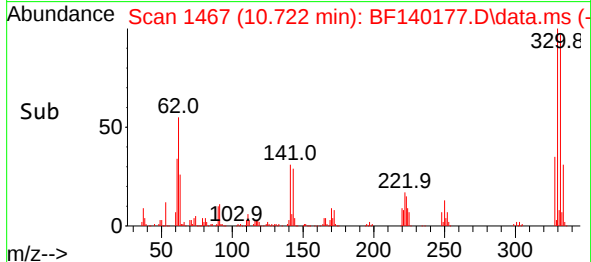
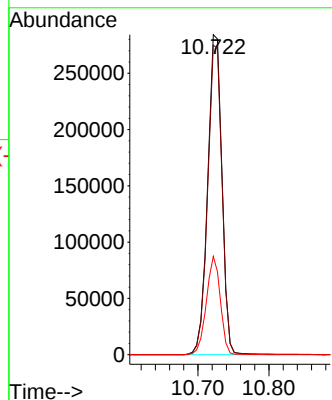
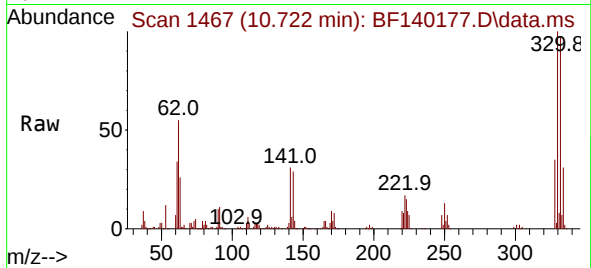




#42
2,4,6-Tribromophenol
Concen: 153.086 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

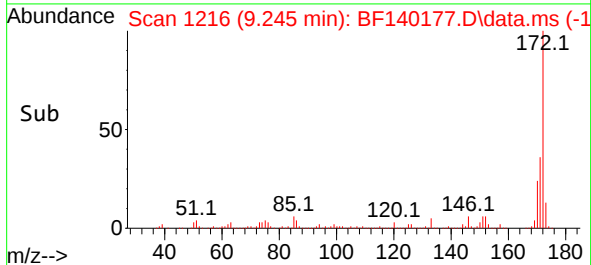
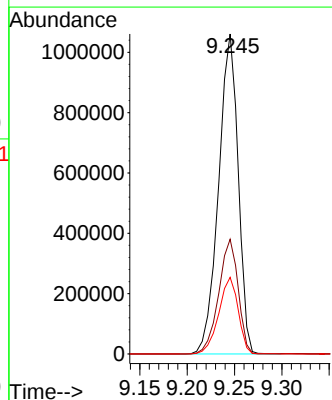
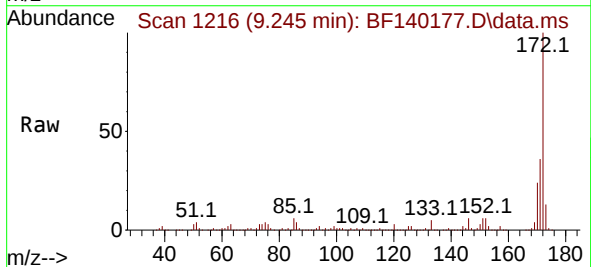
Instrument :
BNA_F
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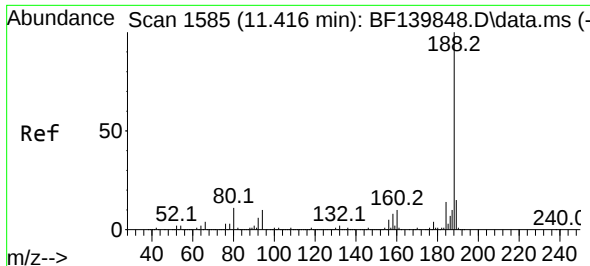
Tgt Ion:330 Resp: 398646
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 90.617 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:172 Resp: 1526450
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7

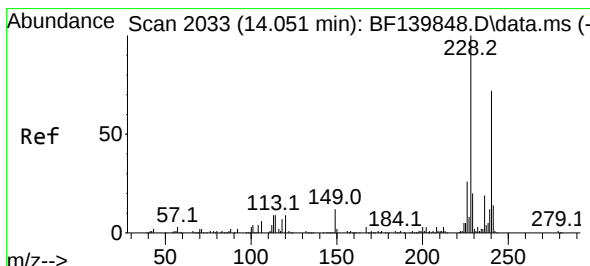
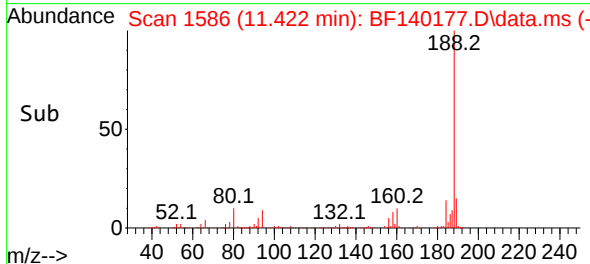
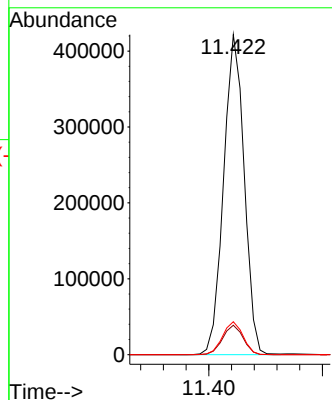
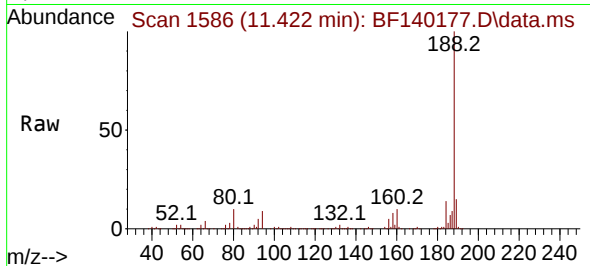




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

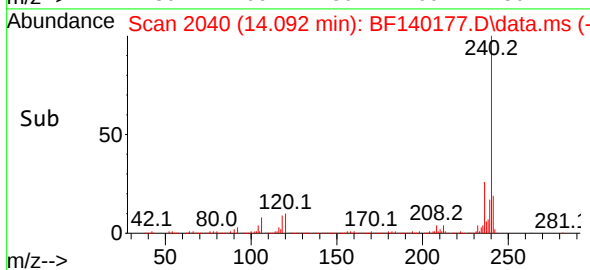
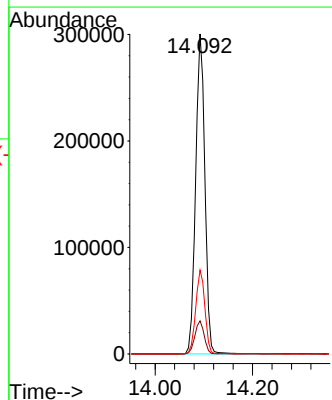
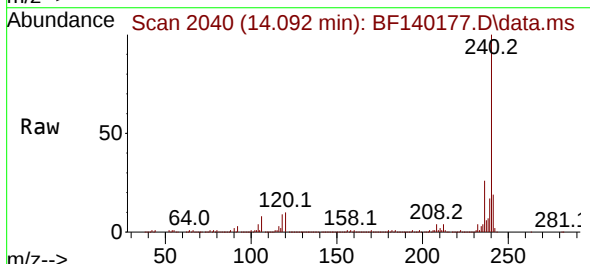
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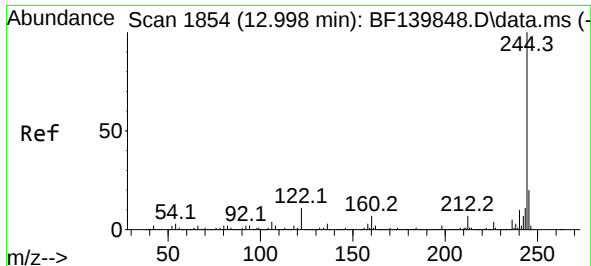
Tgt Ion:188 Resp: 531346
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.041 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

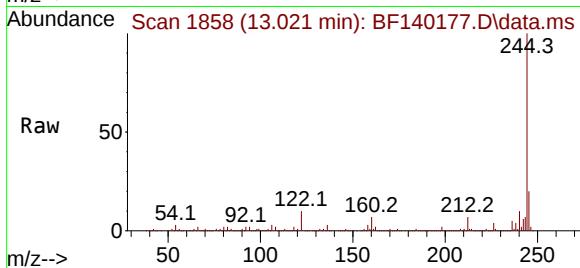
Tgt Ion:240 Resp: 399152
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.2 20.9 31.3



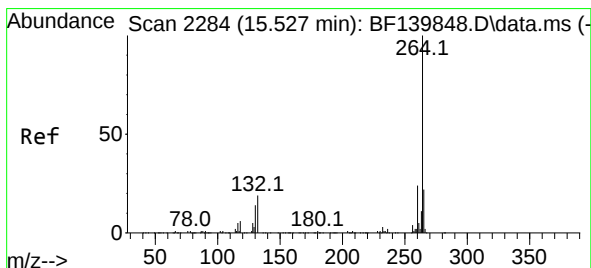
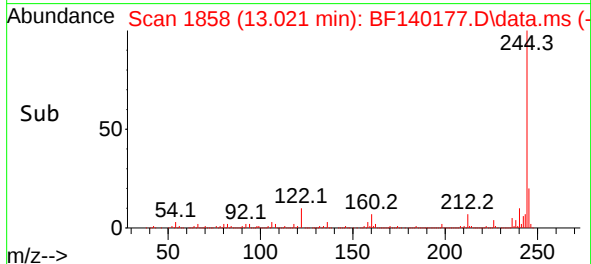
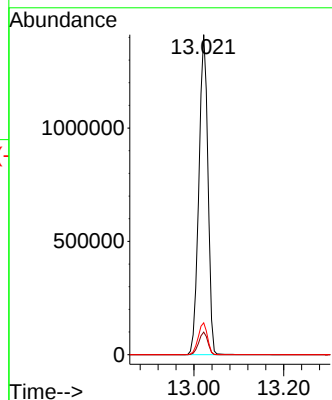


#79
Terphenyl-d14
Concen: 80.559 ng
RT: 13.021 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
PB164540BL



Tgt Ion:244 Resp: 1973350
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.9 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2302
Delta R.T. 0.106 min
Lab File: BF140177.D
Acq: 31 Oct 2024 09:48

Tgt Ion:264 Resp: 338808
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.7 17.4 26.0

