

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140182.D
 Acq On : 31 Oct 2024 12:07
 Operator : RC/JU
 Sample : P4613-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0001

Quant Time: Oct 31 12:59:33 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	104730	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	403076	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	234018	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	413560	20.000	ng	0.00
76) Chrysene-d12	14.092	240	224692	20.000	ng	0.04
86) Perylene-d12	15.645	264	191346	20.000	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	823388	123.079	ng	0.02
7) Phenol-d6	6.510	99	999721	115.381	ng	0.00
23) Nitrobenzene-d5	7.446	82	771869	106.133	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	361118	164.975	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1346622	95.102	ng	0.00
79) Terphenyl-d14	13.016	244	1457755	105.717	ng	0.02

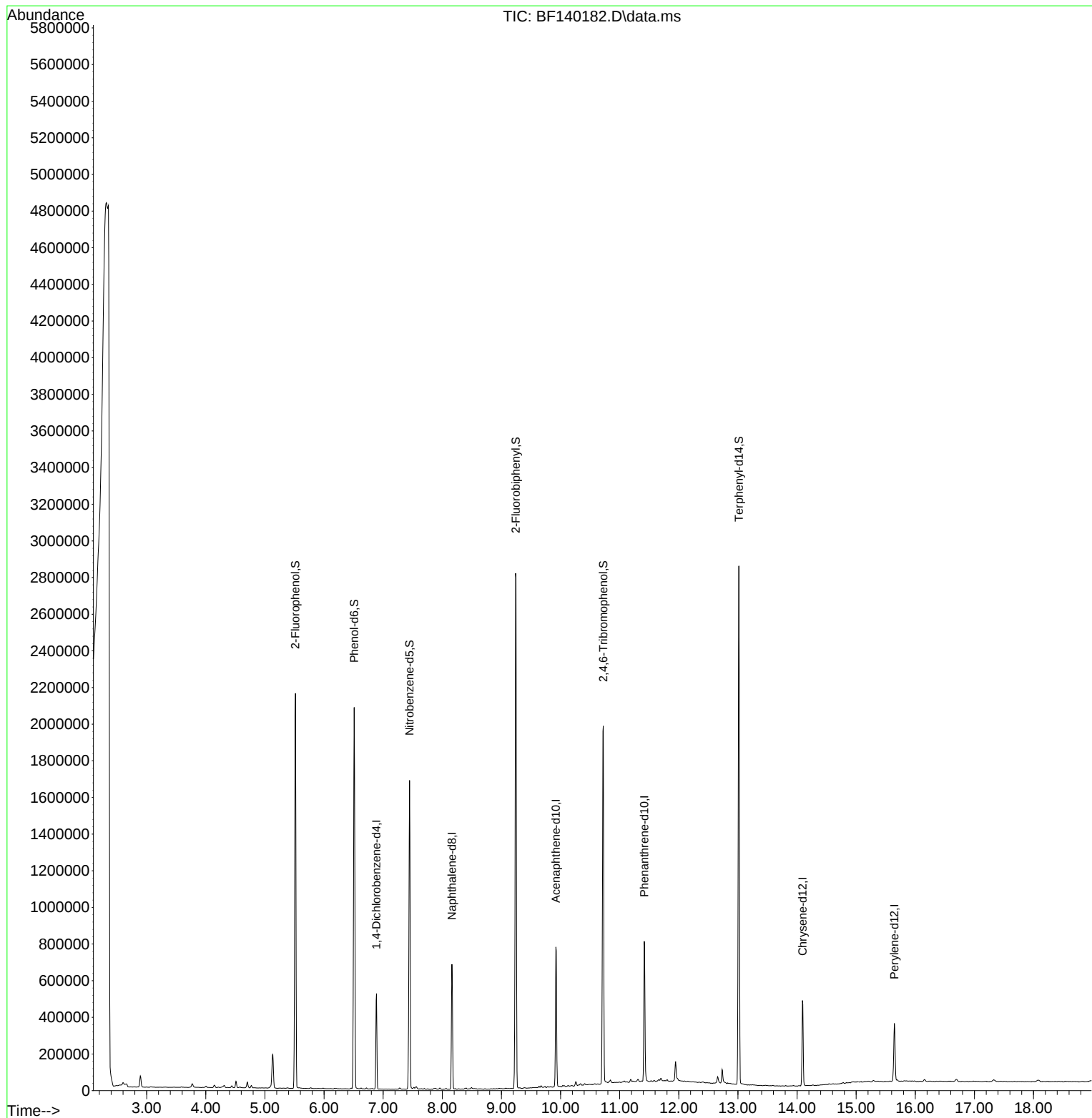
Target Compounds	Qvalue

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

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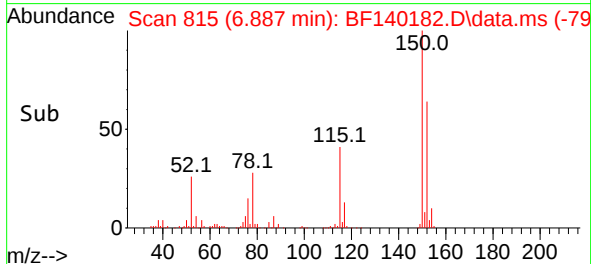
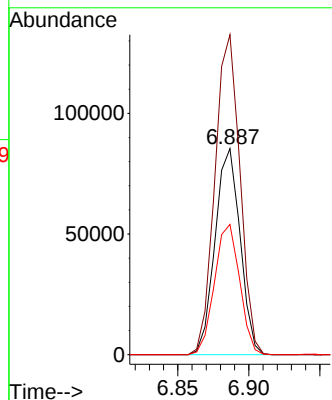
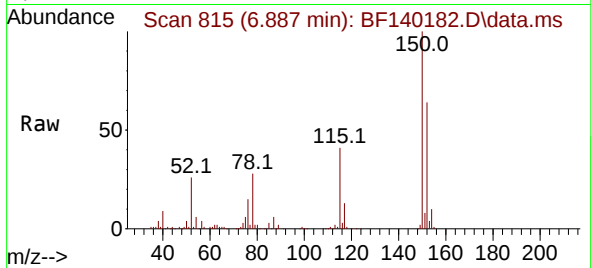




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

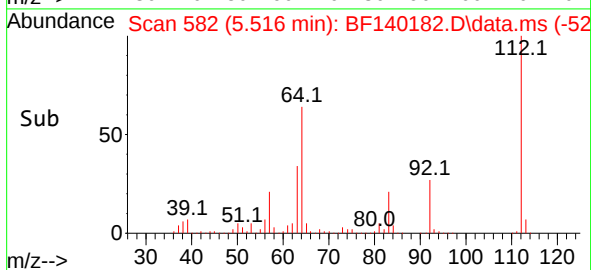
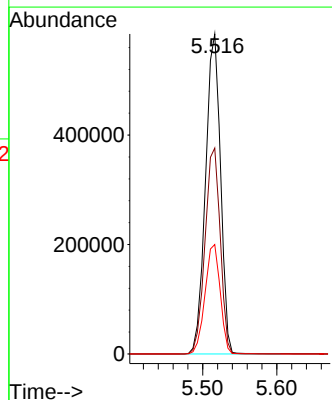
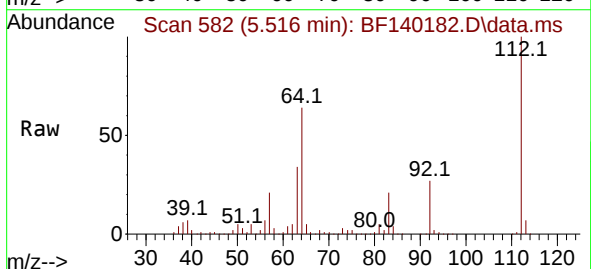
Instrument :
BNA_F
ClientSampleId :
ARS20-0001

Tgt Ion:152 Resp: 104730
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 123.079 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

Tgt Ion:112 Resp: 823388
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 34.2 27.0 40.4

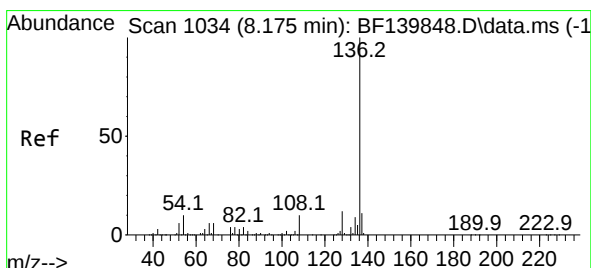
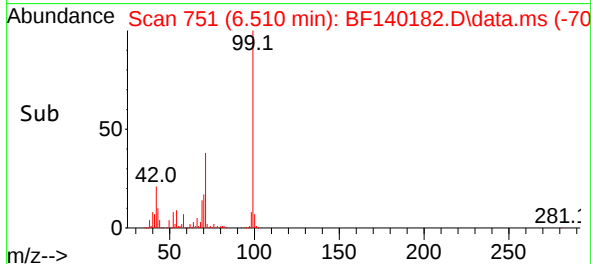
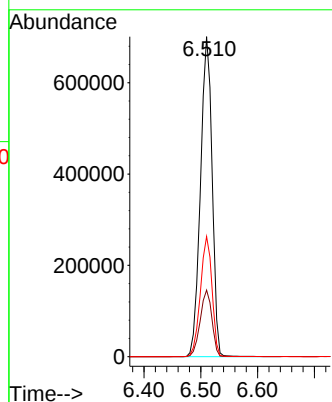
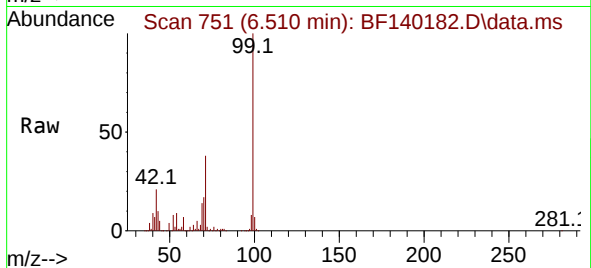




#7
Phenol-d6
Concen: 115.381 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

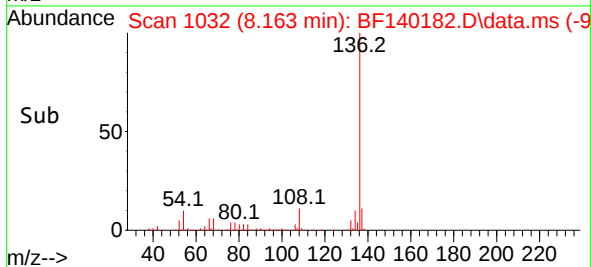
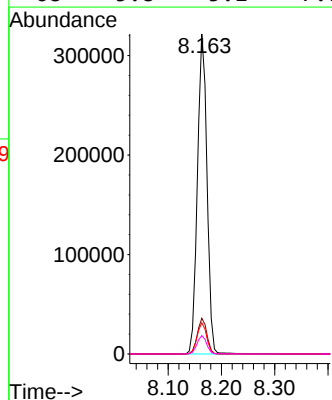
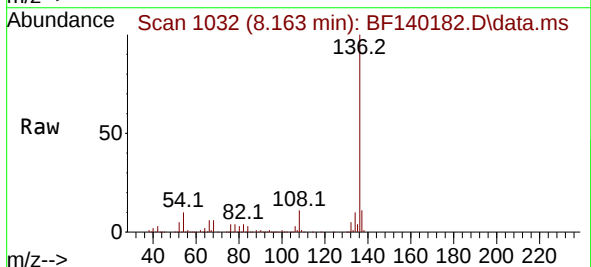
Instrument :
BNA_F
ClientSampleId :
ARS20-0001

Tgt Ion: 99 Resp: 999721
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 37.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.011 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

Tgt Ion: 136 Resp: 403076
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.8 8.4 12.6
68 5.8 5.1 7.7





#23
Nitrobenzene-d5
Concen: 106.133 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

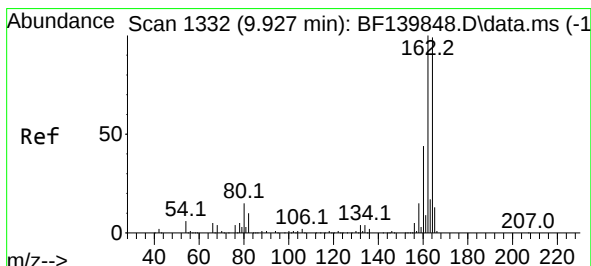
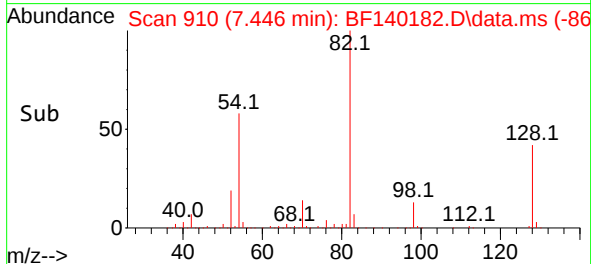
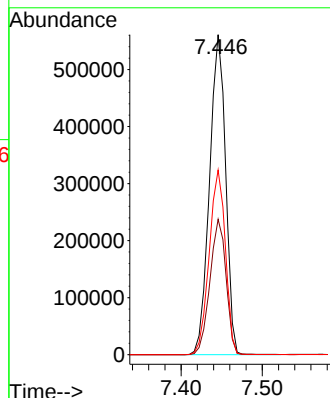
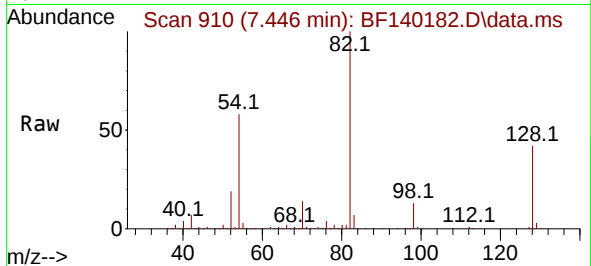
Instrument :

BNA_F

ClientSampleId :

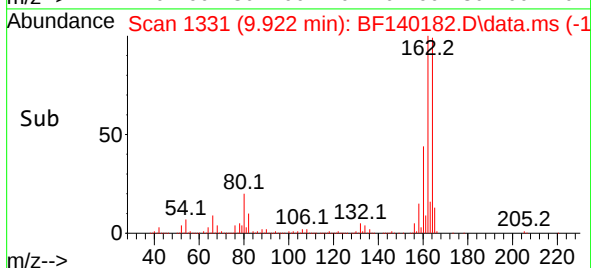
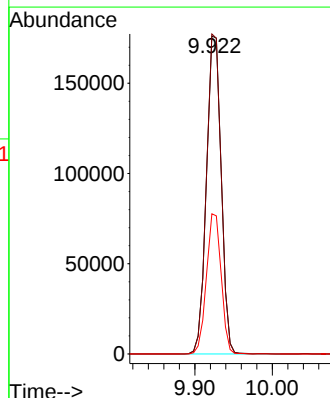
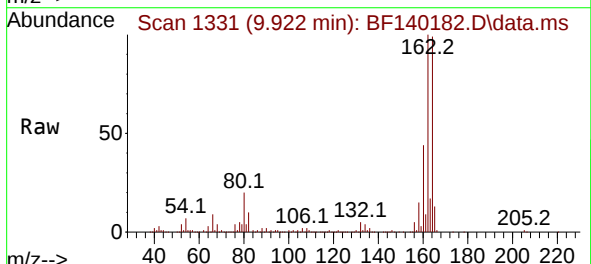
ARS20-0001

Tgt Ion: 82 Resp: 771869
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 57.7 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

Tgt Ion:164 Resp: 234018
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.1 35.4 53.0

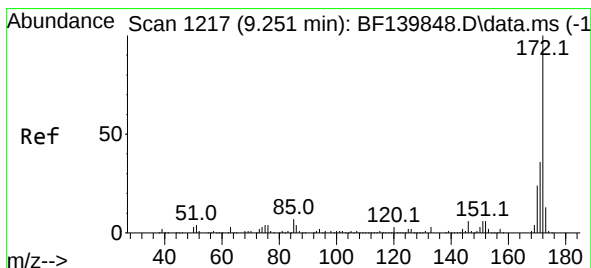
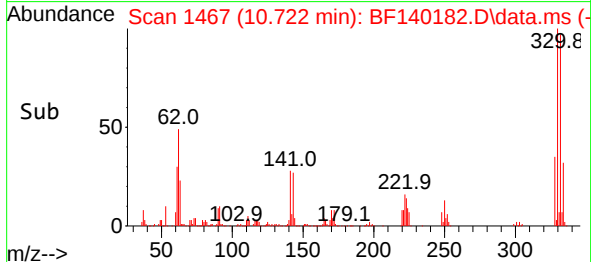
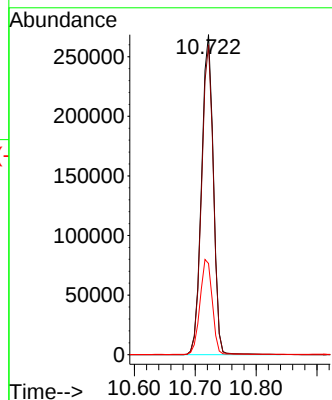
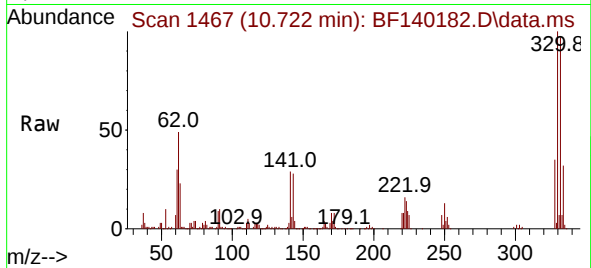




#42
2,4,6-Tribromophenol
Concen: 164.975 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

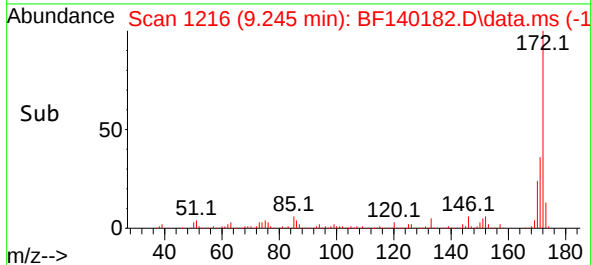
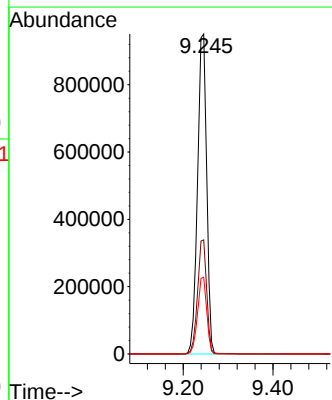
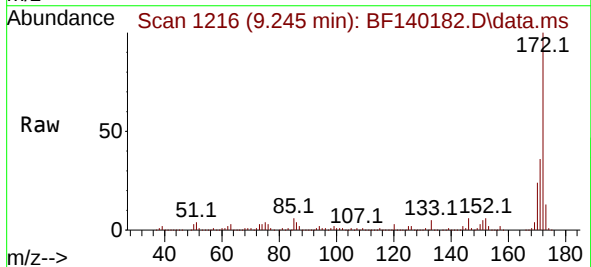
Instrument :
BNA_F
ClientSampleId :
ARS20-0001

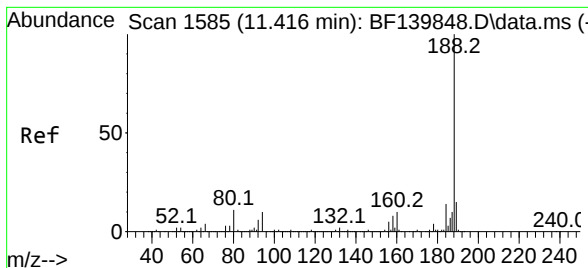
Tgt Ion:330 Resp: 361118
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 30.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 95.102 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140182.D
Acq: 31 Oct 2024 12:07

Tgt Ion:172 Resp: 1346622
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140182.D

Acq: 31 Oct 2024 12:07

Instrument :

BNA_F

ClientSampleId :

ARS20-0001

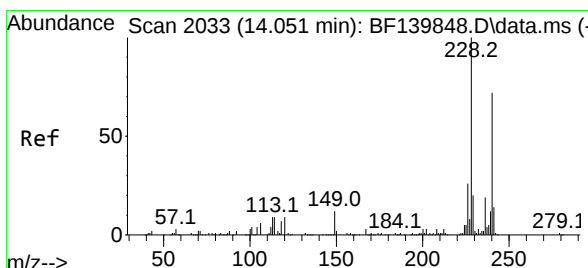
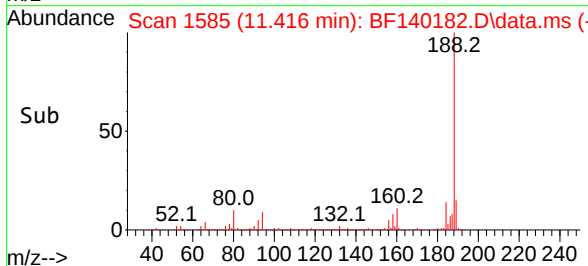
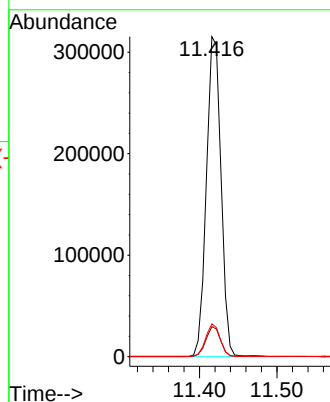
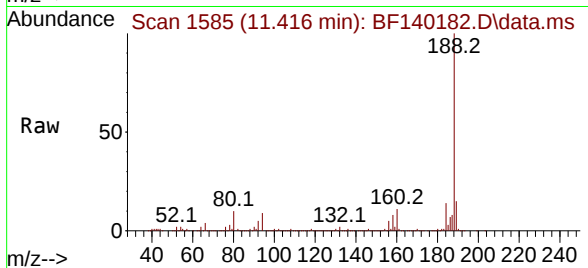
Tgt Ion:188 Resp: 413560

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.2 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: BF140182.D

Acq: 31 Oct 2024 12:07

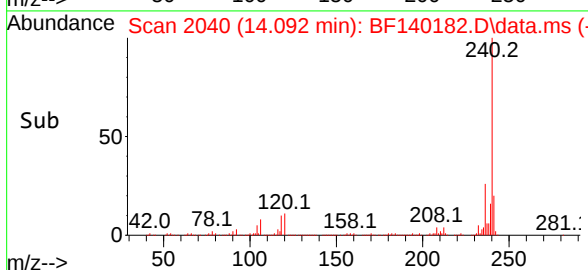
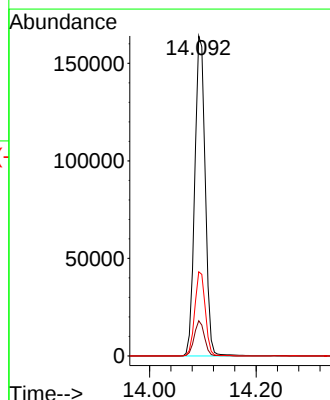
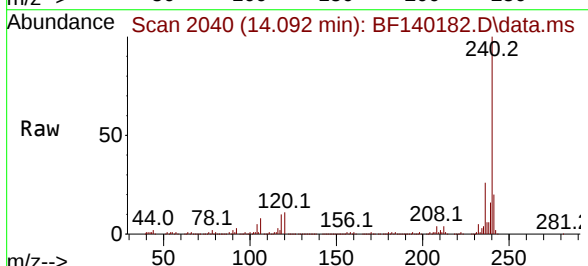
Tgt Ion:240 Resp: 224692

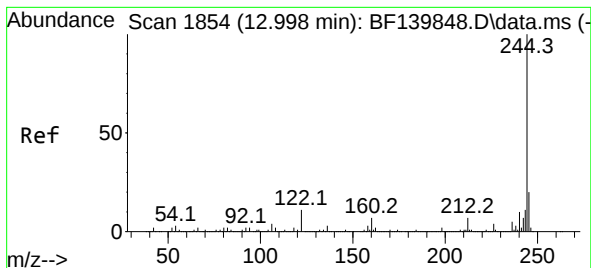
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 105.717 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF140182.D

Acq: 31 Oct 2024 12:07

Instrument :

BNA_F

ClientSampleId :

ARS20-0001

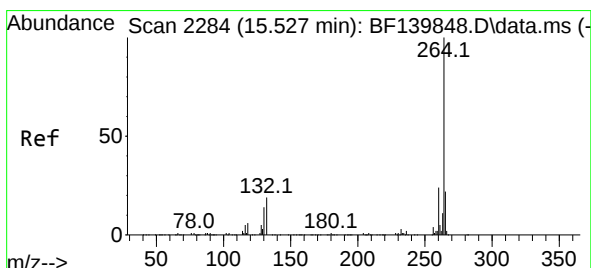
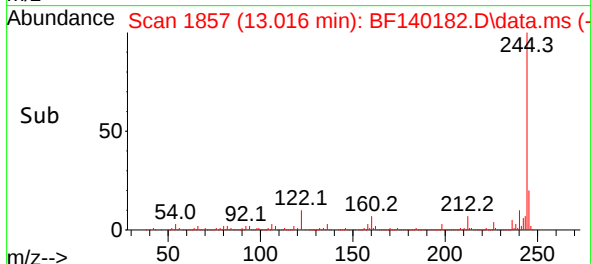
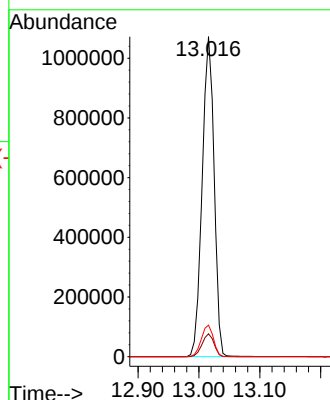
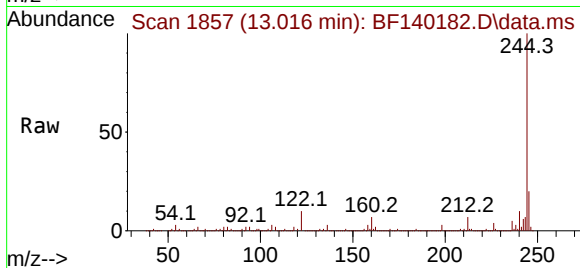
Tgt Ion:244 Resp: 1457755

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2304

Delta R.T. 0.118 min

Lab File: BF140182.D

Acq: 31 Oct 2024 12:07

Tgt Ion:264 Resp: 191346

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 20.8 17.4 26.0

