

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140160.D
 Acq On : 30 Oct 2024 16:26
 Operator : RC/JU
 Sample : P4616-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F9-MOVED

Quant Time: Oct 30 17:14:59 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	6.881	152	101691	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	391276	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	203294	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	337618	20.000	ng	0.00
76) Chrysene-d12	14.080	240	166857	20.000	ng	0.03
86) Perylene-d12	15.610	264	210899	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	583661	89.852	ng	0.00
7) Phenol-d6	6.504	99	750232	89.174	ng	0.00
23) Nitrobenzene-d5	7.439	82	496846	70.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	184398	96.973	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	857726	69.730	ng	-0.01
79) Terphenyl-d14	13.004	244	700665	68.425	ng	0.00

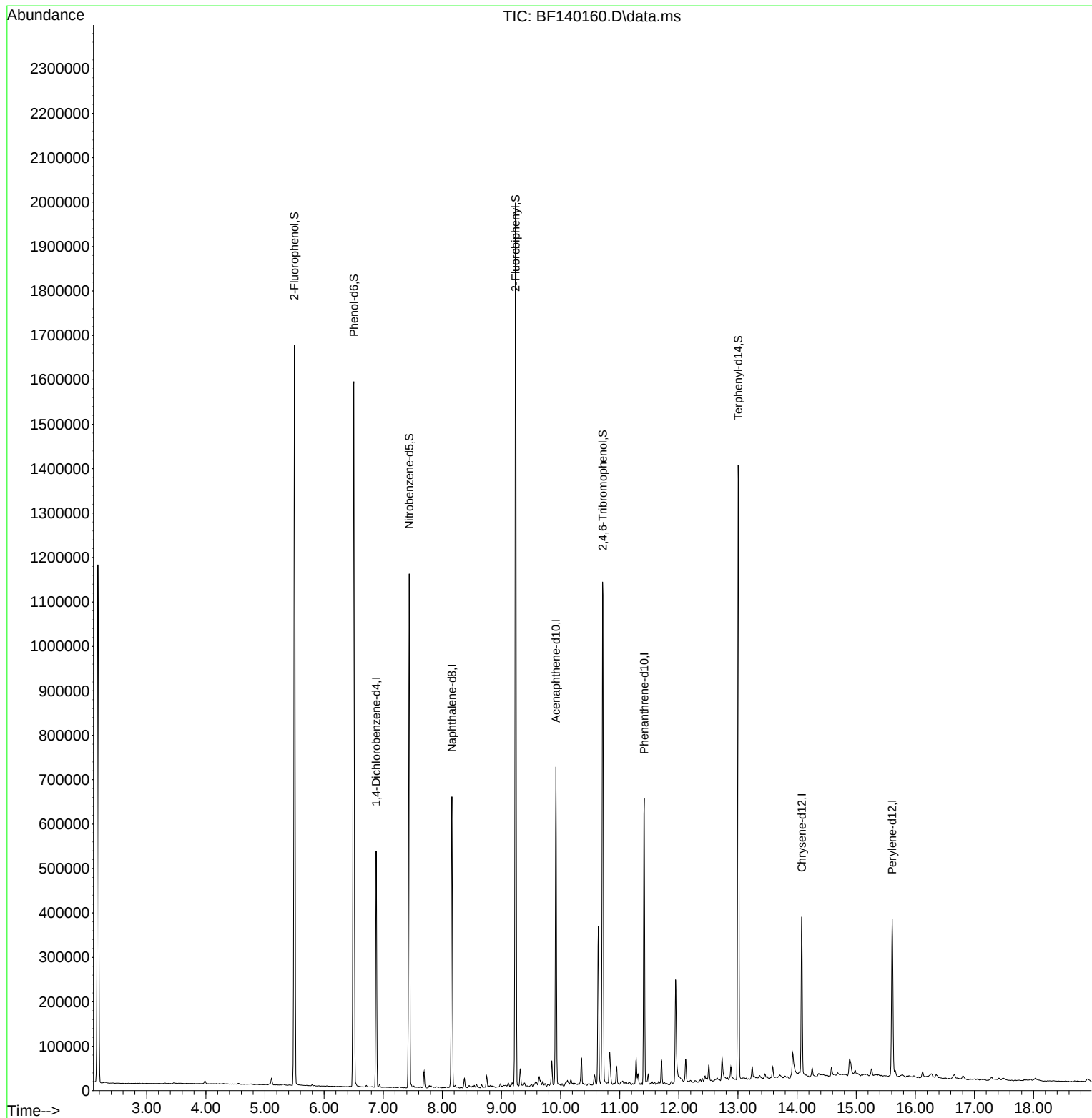
Target Compounds	Qvalue

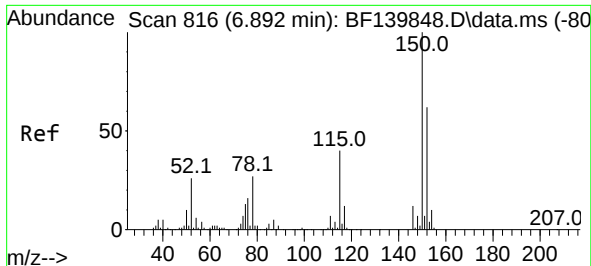
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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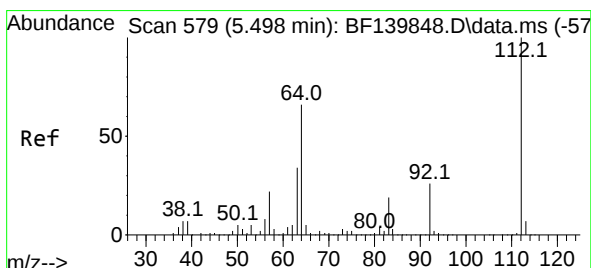
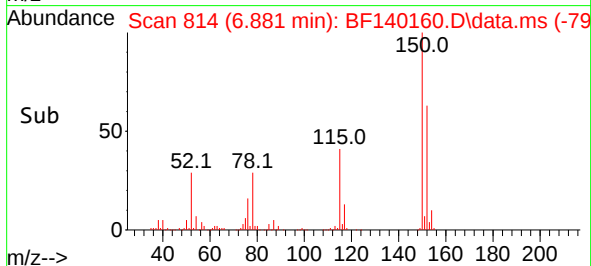
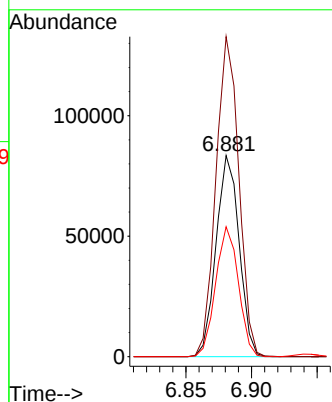
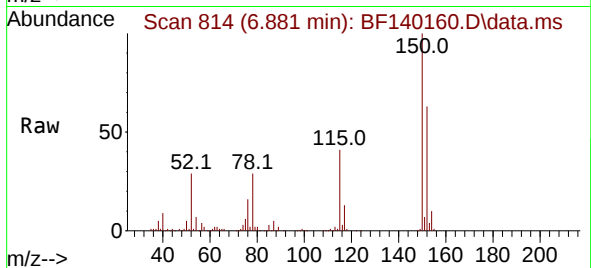




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

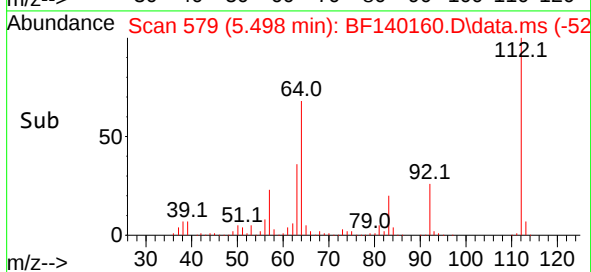
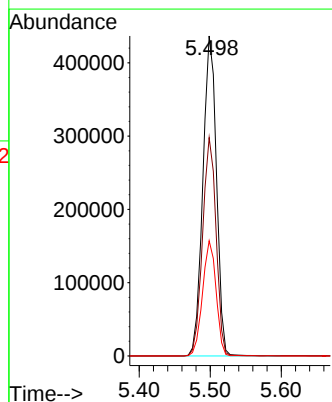
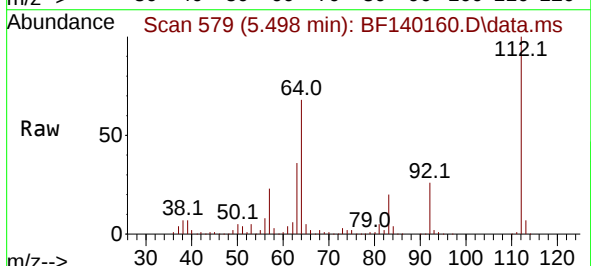
Instrument :
BNA_F
ClientSampleId :
BP-F9-MOVED

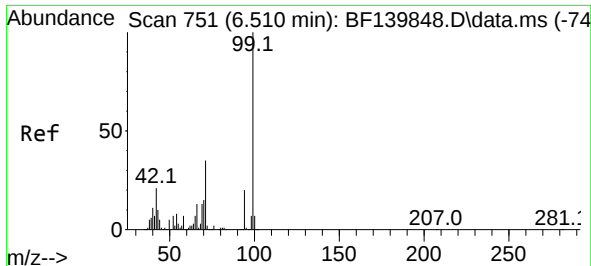
Tgt Ion:152 Resp: 101691
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 89.852 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

Tgt Ion:112 Resp: 583661
Ion Ratio Lower Upper
112 100
64 68.3 53.0 79.6
63 36.0 27.0 40.4

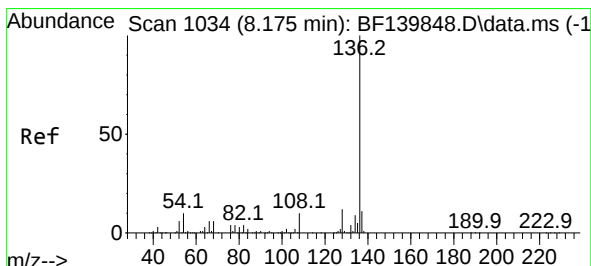
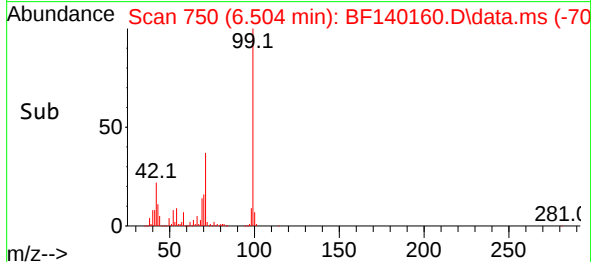
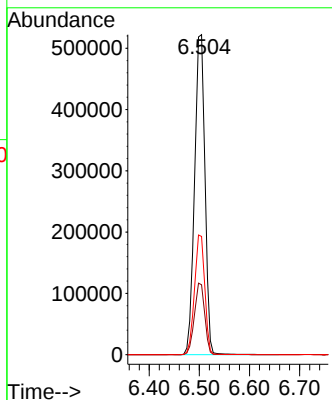
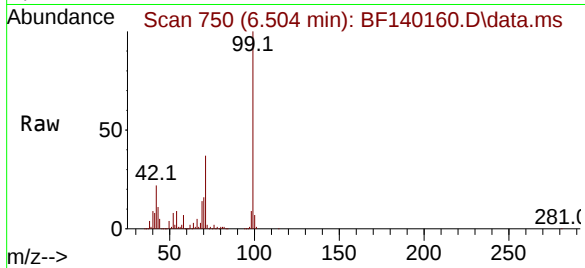




#7
Phenol-d6
Concen: 89.174 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

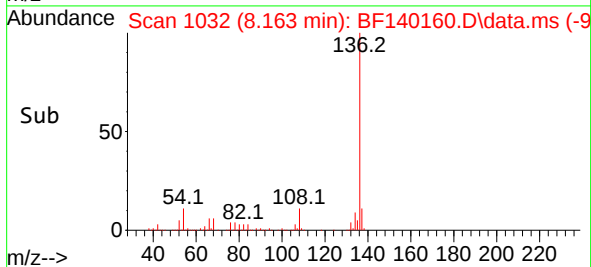
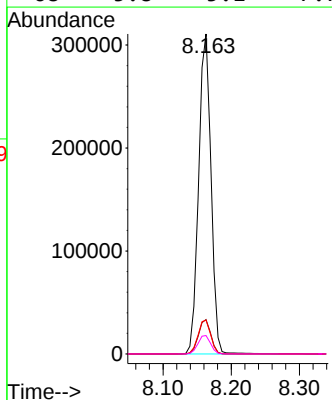
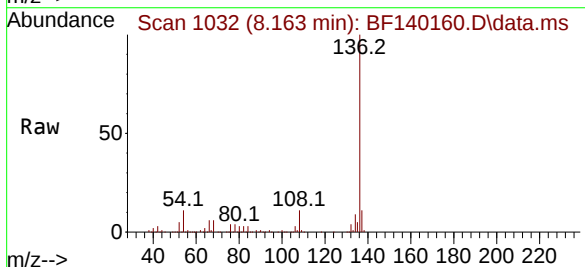
Instrument :
BNA_F
ClientSampleId :
BP-F9-MOVED

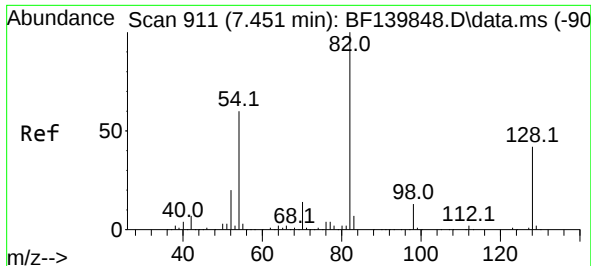
Tgt Ion: 99 Resp: 750232
Ion Ratio Lower Upper
99 100
42 21.9 16.7 25.1
71 37.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

Tgt Ion: 136 Resp: 391276
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.6 8.4 12.6
68 5.8 5.1 7.7

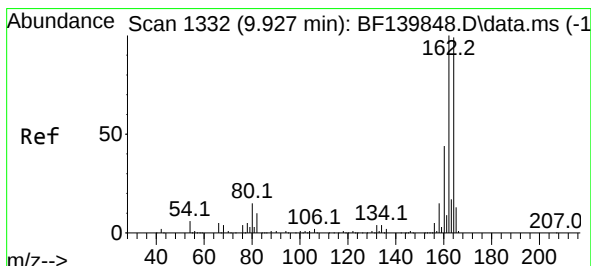
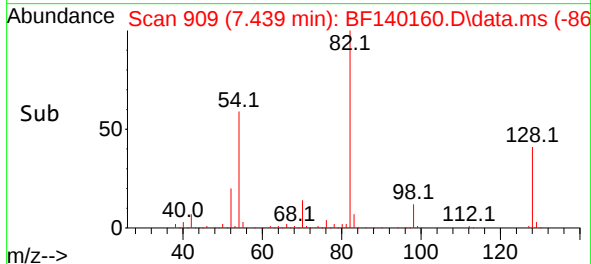
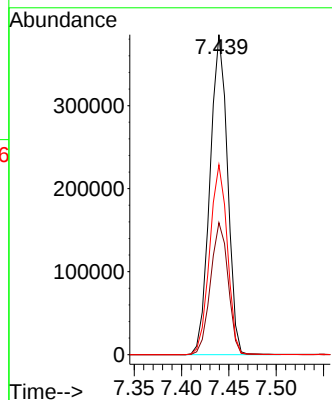
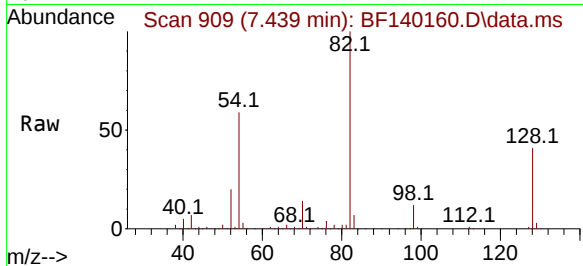




#23
Nitrobenzene-d5
Concen: 70.377 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

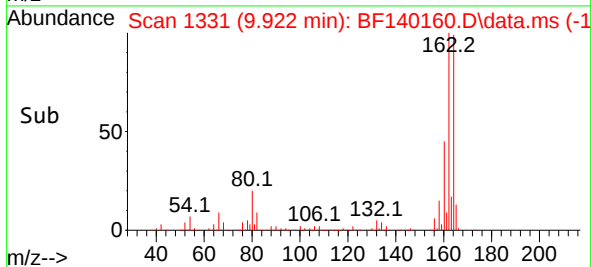
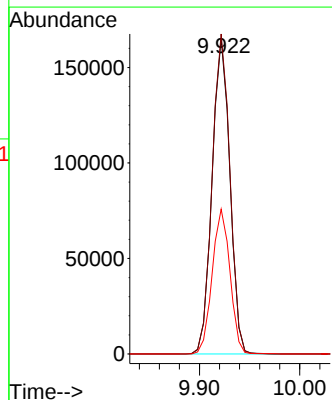
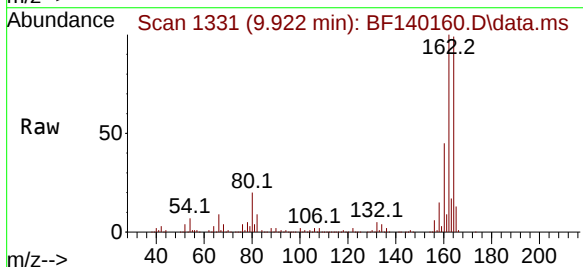
Instrument :
BNA_F
ClientSampleId :
BP-F9-MOVED

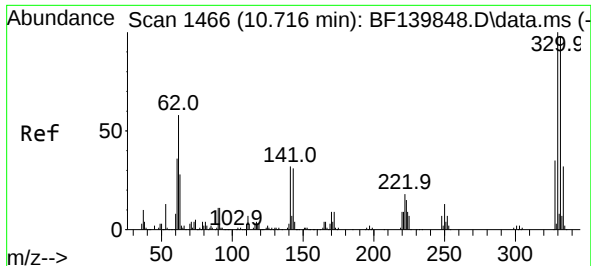
Tgt Ion: 82 Resp: 496846
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.0
54 59.4 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

Tgt Ion:164 Resp: 203294
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 96.973 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140160.D

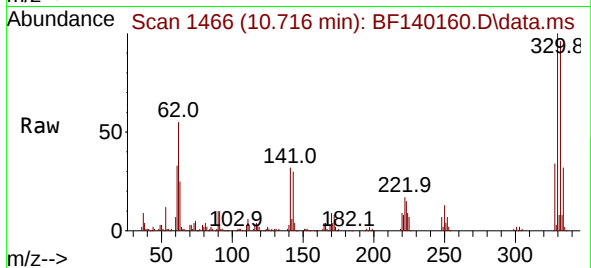
Acq: 30 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

BP-F9-MOVED



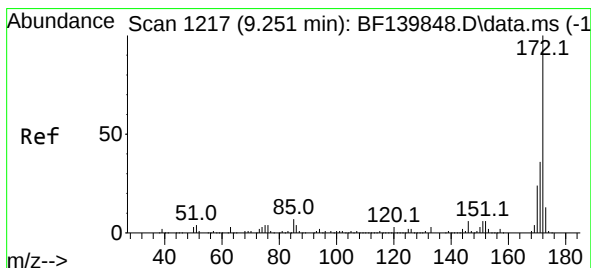
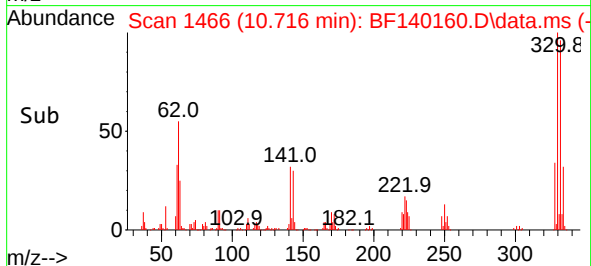
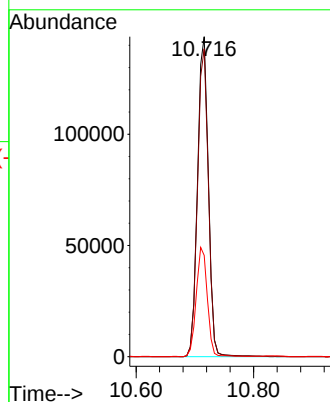
Tgt Ion:330 Resp: 184398

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 69.730 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140160.D

Acq: 30 Oct 2024 16:26

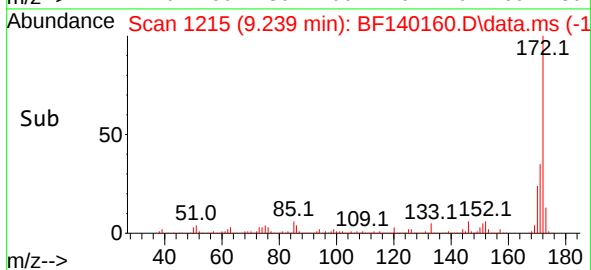
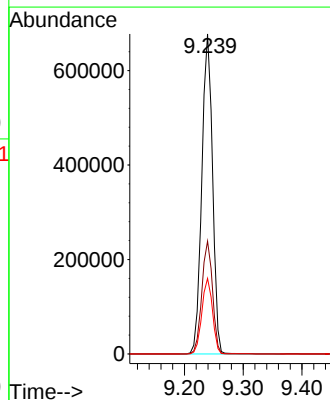
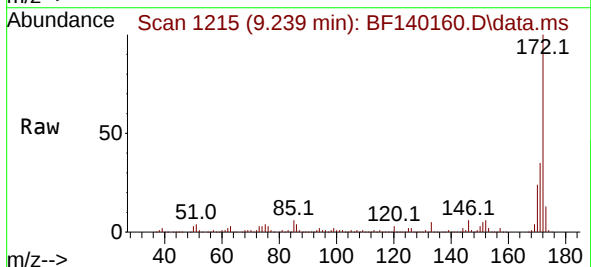
Tgt Ion:172 Resp: 857726

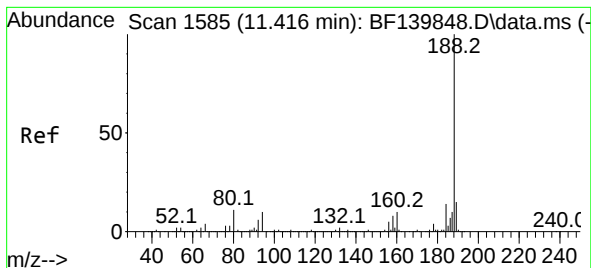
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 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: BF140160.D

Acq: 30 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

BP-F9-MOVED

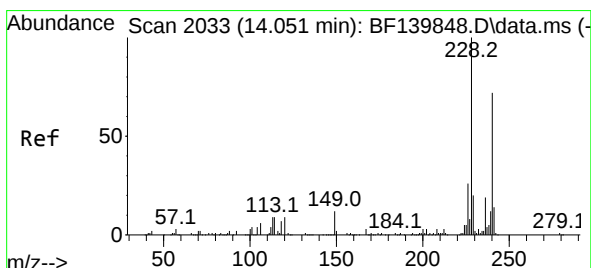
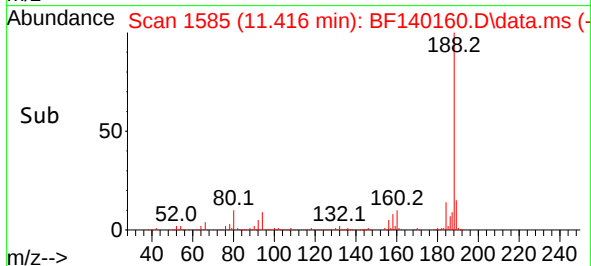
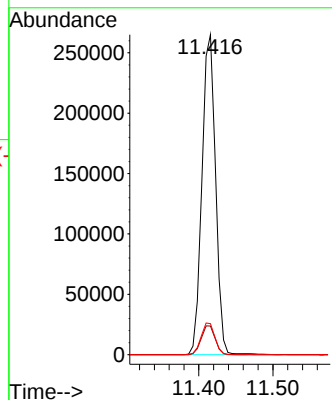
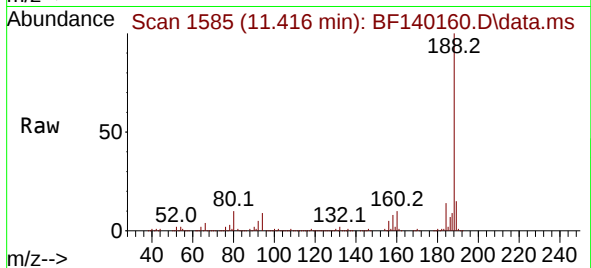
Tgt Ion:188 Resp: 337618

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF140160.D

Acq: 30 Oct 2024 16:26

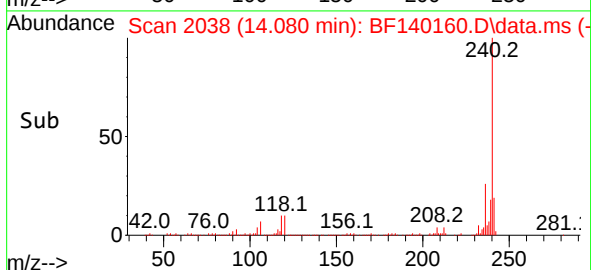
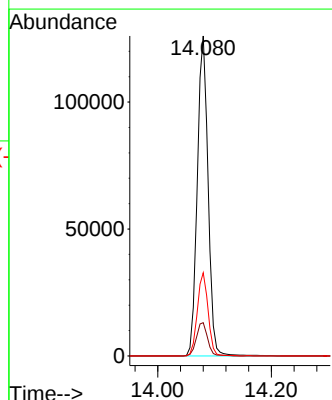
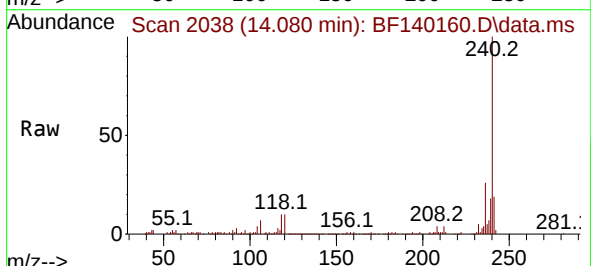
Tgt Ion:240 Resp: 166857

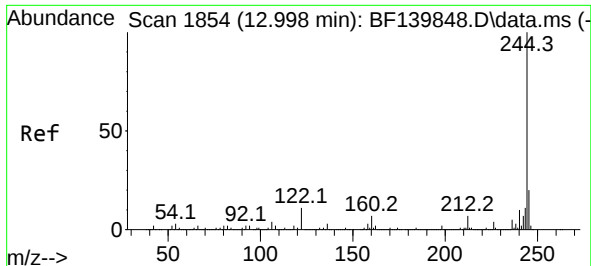
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

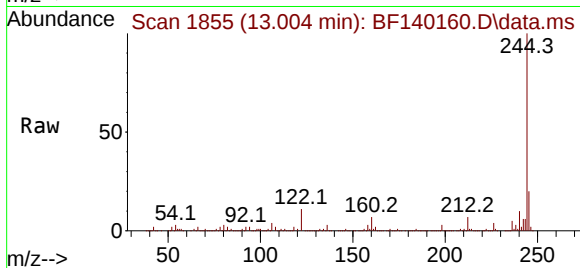
236 26.0 20.9 31.3



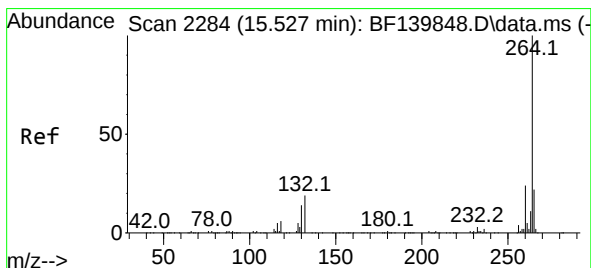
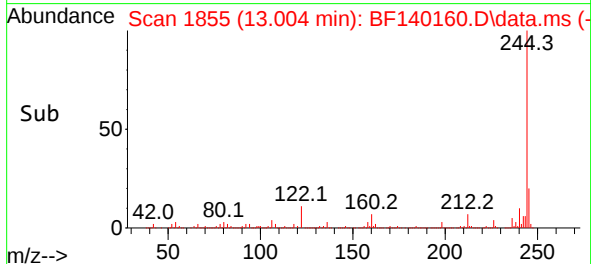
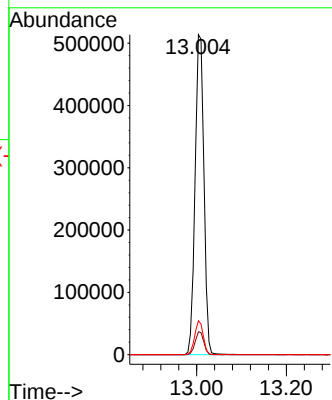


#79
Terphenyl-d14
Concen: 68.425 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

Instrument :
BNA_F
ClientSampleId :
BP-F9-MOVED



Tgt Ion:244 Resp: 700665
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.6 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2298
Delta R.T. 0.082 min
Lab File: BF140160.D
Acq: 30 Oct 2024 16:26

Tgt Ion:264 Resp: 210899
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.0 17.4 26.0

