

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140062.D
 Acq On : 26 Oct 2024 16:20
 Operator : RC/JU
 Sample : P4460-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 28 01:08:40 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	131530	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	508830	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	288932	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	511533	20.000	ng	0.00
76) Chrysene-d12	14.045	240	241710	20.000	ng	0.00
86) Perylene-d12	15.527	264	244924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1145583	136.349	ng	0.02
7) Phenol-d6	6.510	99	1350672	124.123	ng	0.00
23) Nitrobenzene-d5	7.451	82	1048712	114.230	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	481734	178.250	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1846633	105.628	ng	0.00
79) Terphenyl-d14	12.998	244	1875650	126.446	ng	0.00

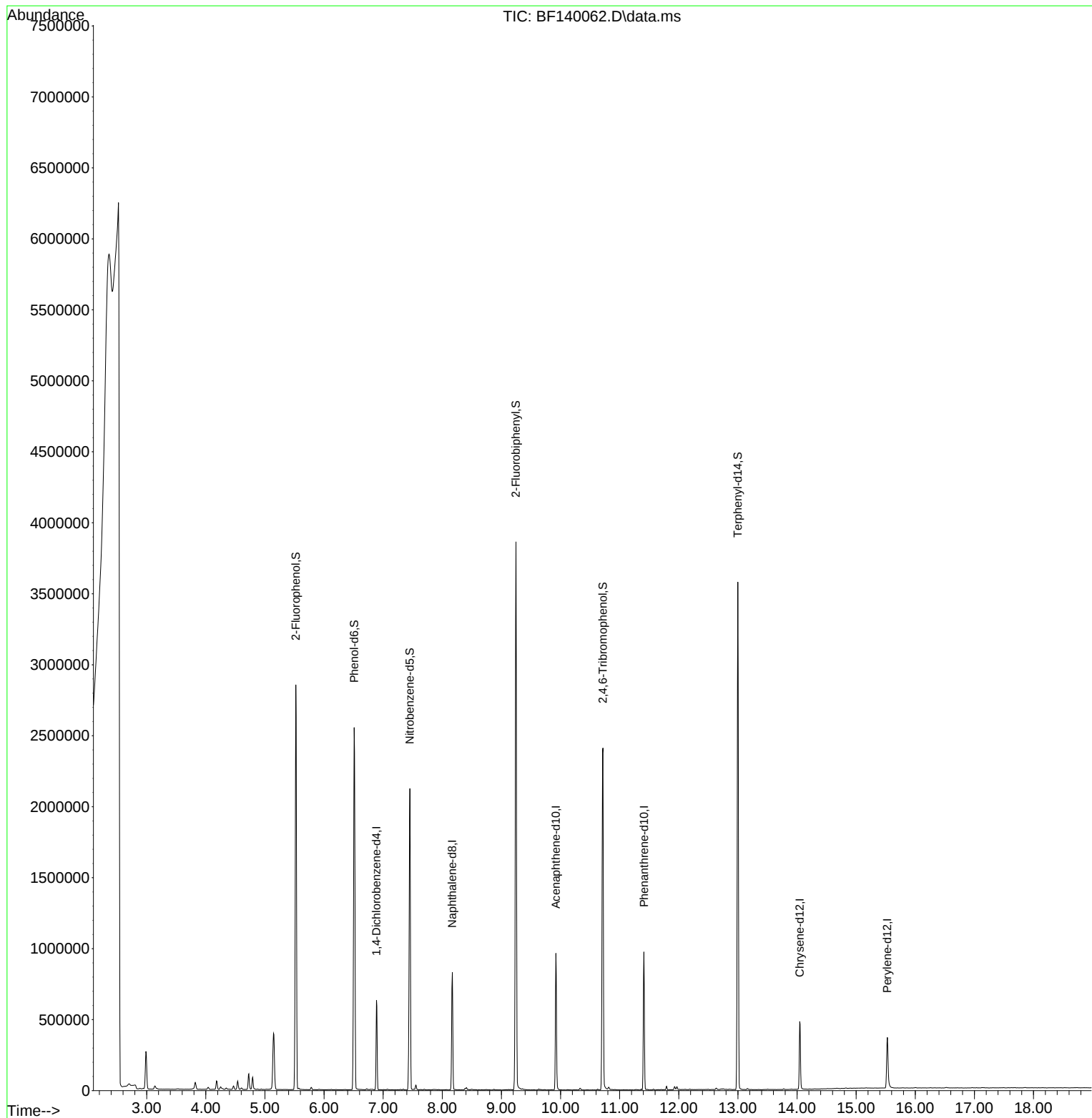
Target Compounds	Qvalue

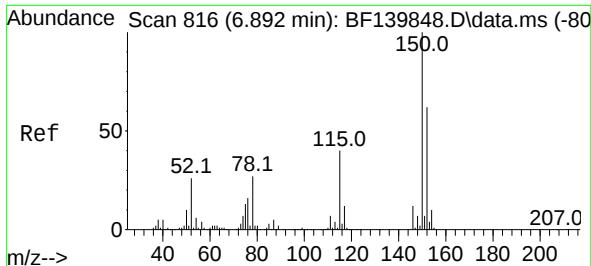
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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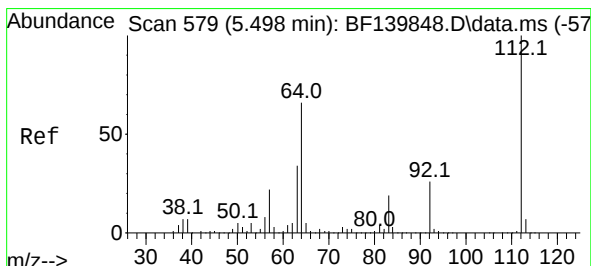
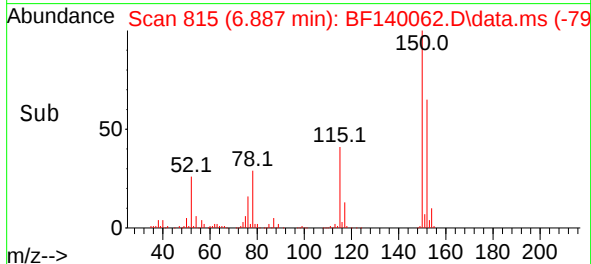
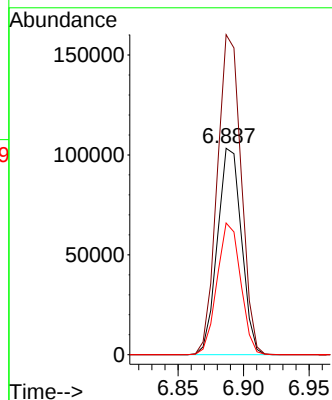
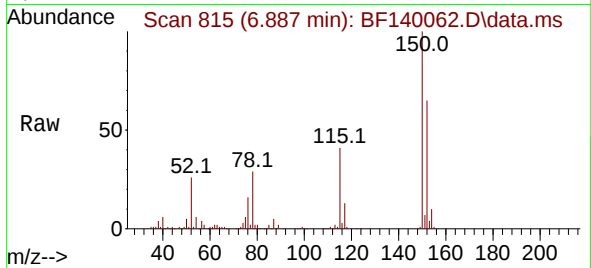




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

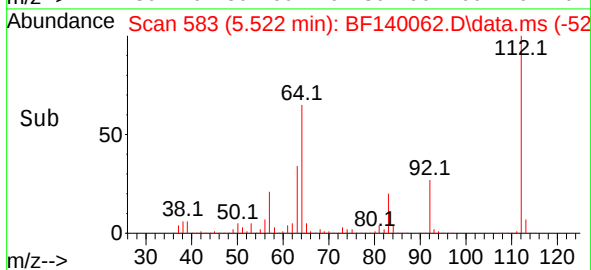
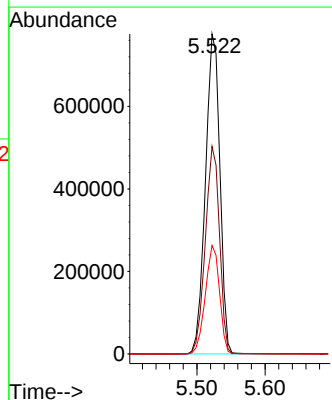
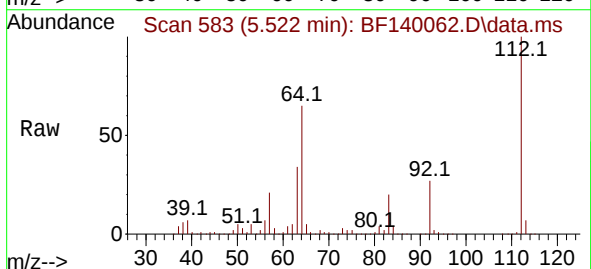
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

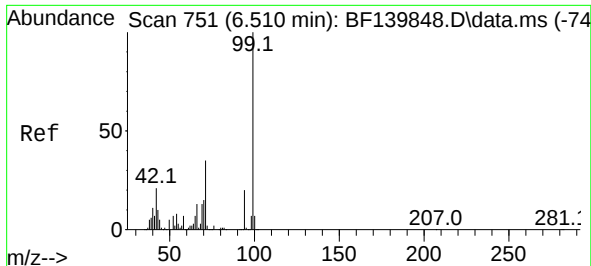
Tgt Ion:152 Resp: 131530
Ion Ratio Lower Upper
152 100
150 155.0 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 136.349 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:112 Resp: 1145583
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.9 27.0 40.4

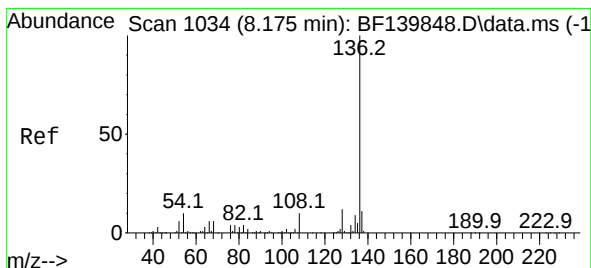
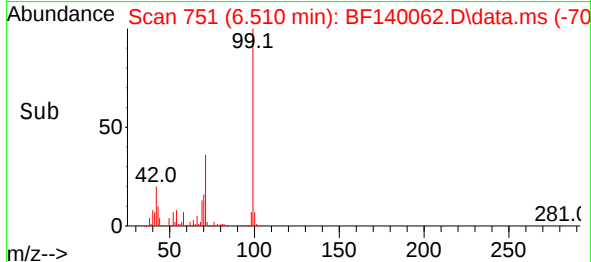
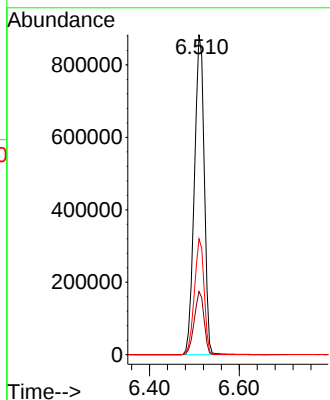
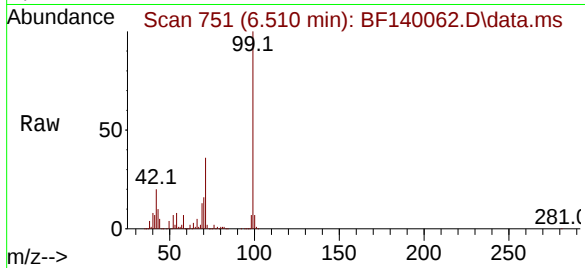




#7
Phenol-d6
Concen: 124.123 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

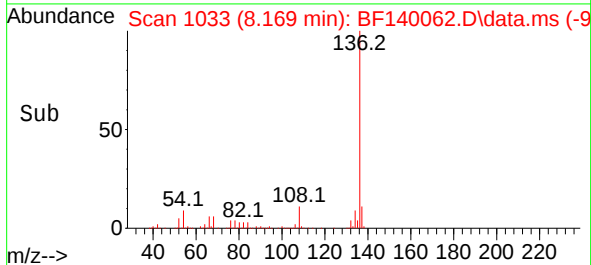
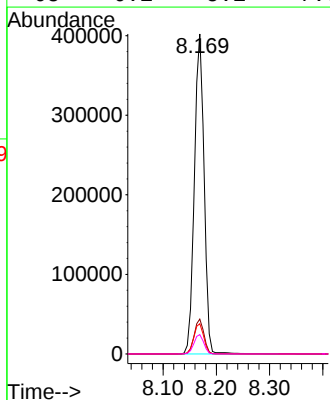
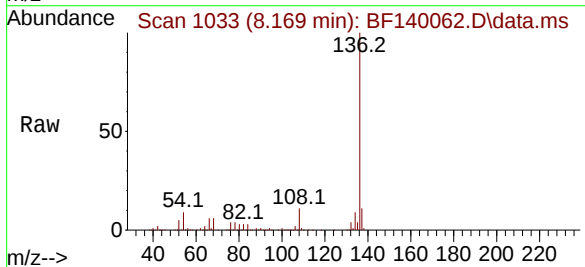
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

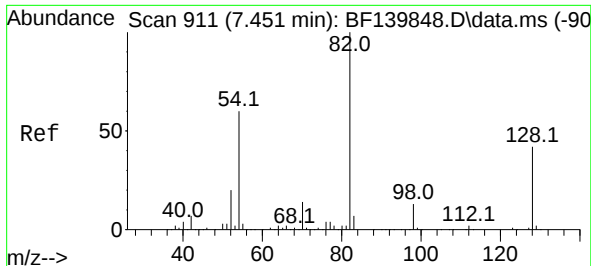
Tgt Ion: 99 Resp: 1350672
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 36.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:136 Resp: 508830
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 114.230 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

Instrument :

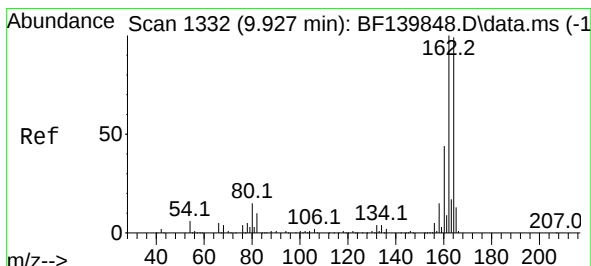
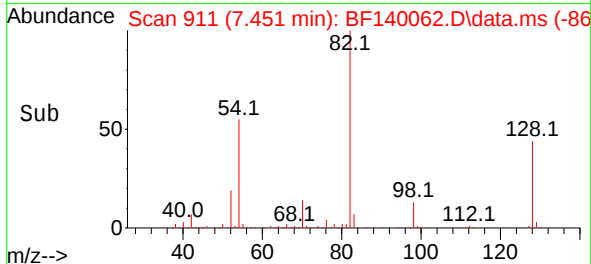
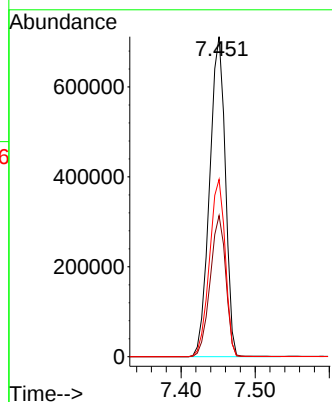
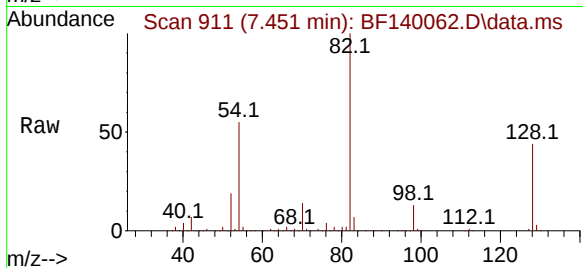
BNA_F

ClientSampleId :

WB-303-BOT

Tgt Ion: 82 Resp: 1048712

Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.4	50.0
54	55.4	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

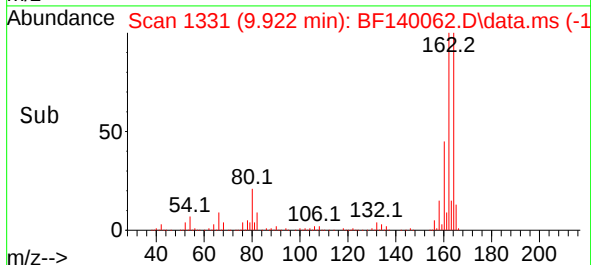
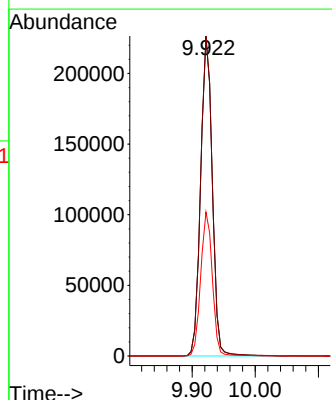
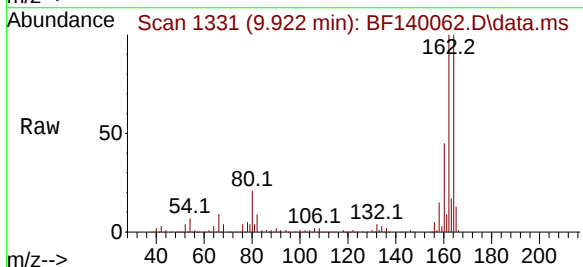
Delta R.T. -0.005 min

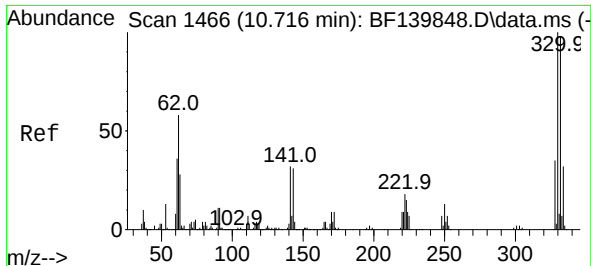
Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

Tgt Ion:164 Resp: 288932

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.4
160	45.1	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 178.250 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WB-303-BOT

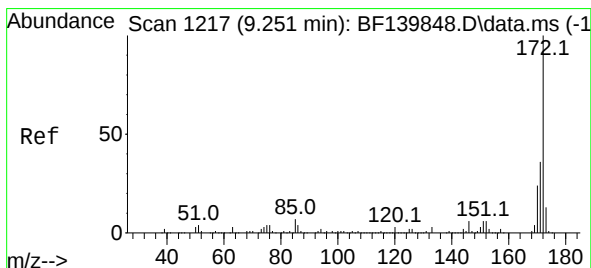
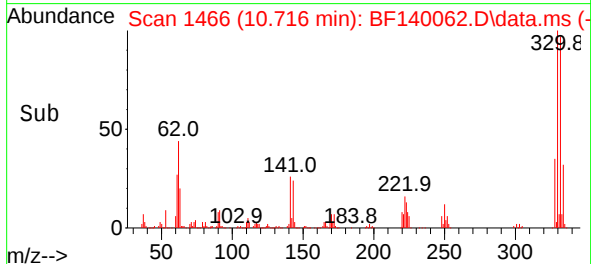
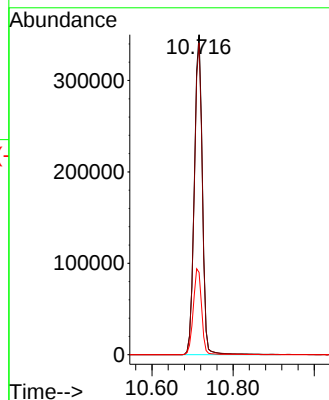
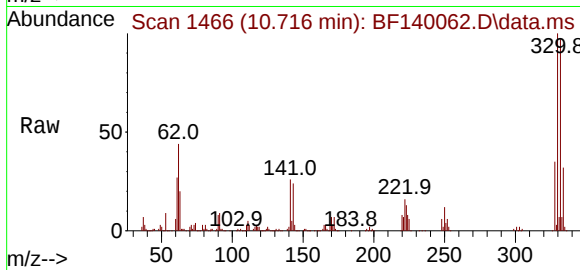
Tgt Ion:330 Resp: 481734

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 27.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 105.628 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

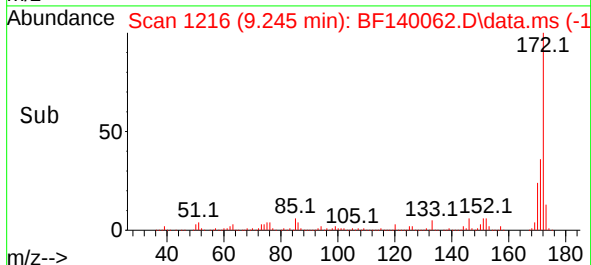
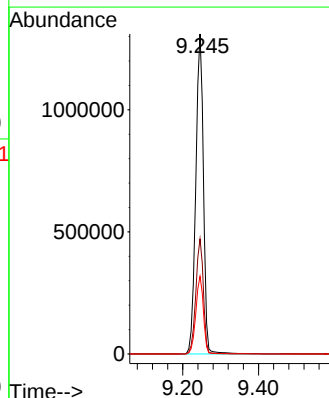
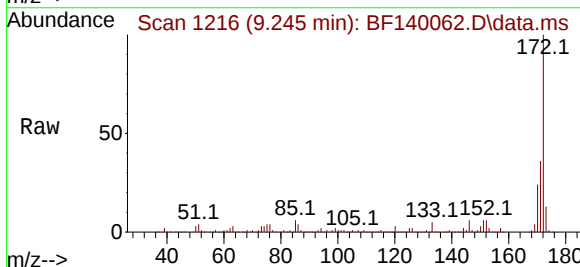
Tgt Ion:172 Resp: 1846633

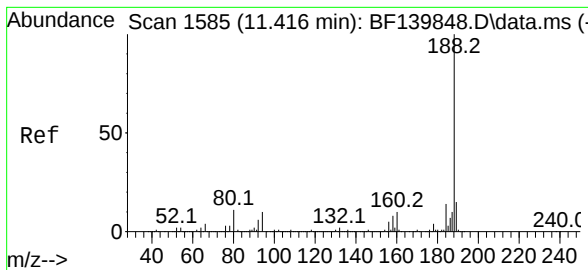
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.3 19.1 28.7

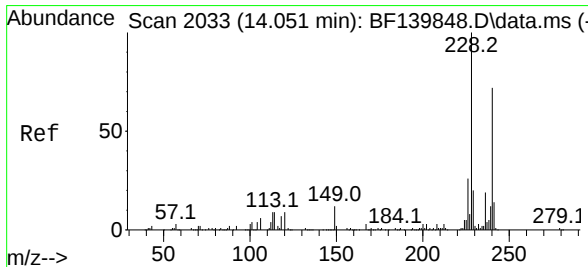
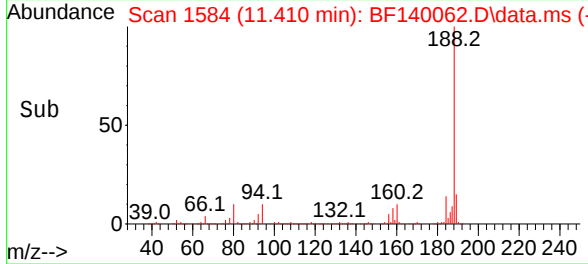
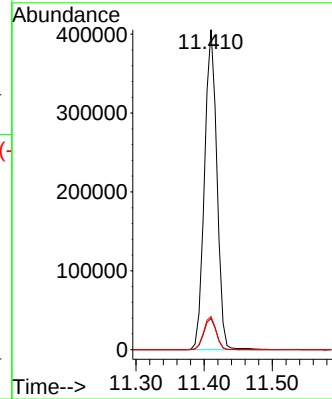
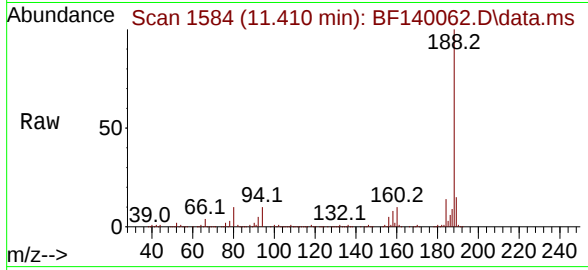




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

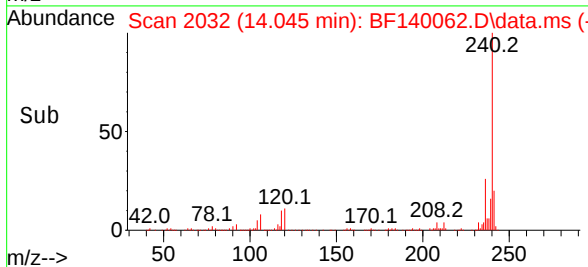
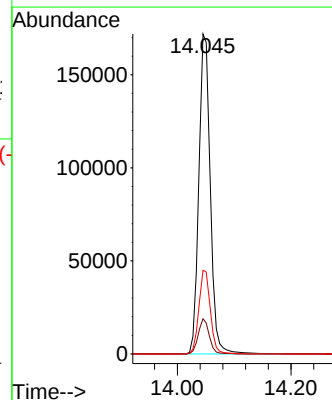
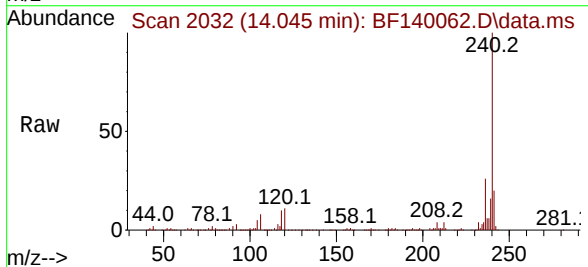
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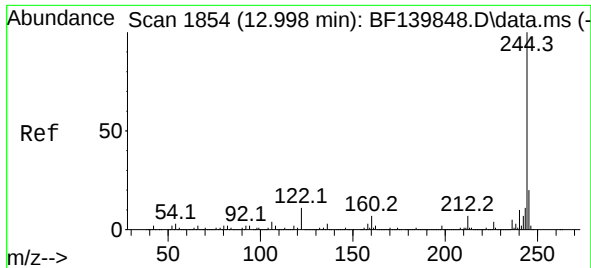
Tgt Ion:188 Resp: 511533
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:240 Resp: 241710
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.1 20.9 31.3

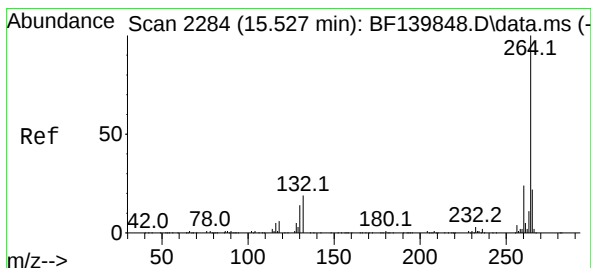
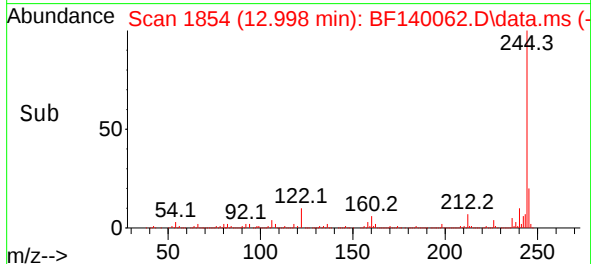
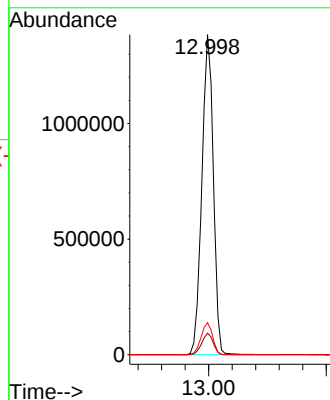
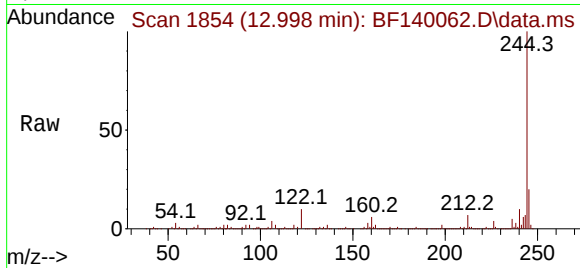




#79
 Terphenyl-d14
 Concen: 126.446 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140062.D
 Acq: 26 Oct 2024 16:20

Instrument :
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Tgt Ion:244 Resp: 1875650
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140062.D
 Acq: 26 Oct 2024 16:20

Tgt Ion:264 Resp: 244924
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.4 17.4 26.0

