

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140204.D
 Acq On : 01 Nov 2024 11:14
 Operator : RC/JU
 Sample : P4643-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F9-ADDITIONAL

Quant Time: Nov 01 11:48:21 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	132287	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	527035	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	301235	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	533629	20.000	ng	0.00
76) Chrysene-d12	14.068	240	311689	20.000	ng	0.02
86) Perylene-d12	15.568	264	246586	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	676854	80.099	ng	0.00
7) Phenol-d6	6.504	99	880904	80.489	ng	0.00
23) Nitrobenzene-d5	7.439	82	609568	64.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	259651	92.151	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1004127	55.090	ng	-0.01
79) Terphenyl-d14	13.010	244	1092784	57.130	ng	0.01

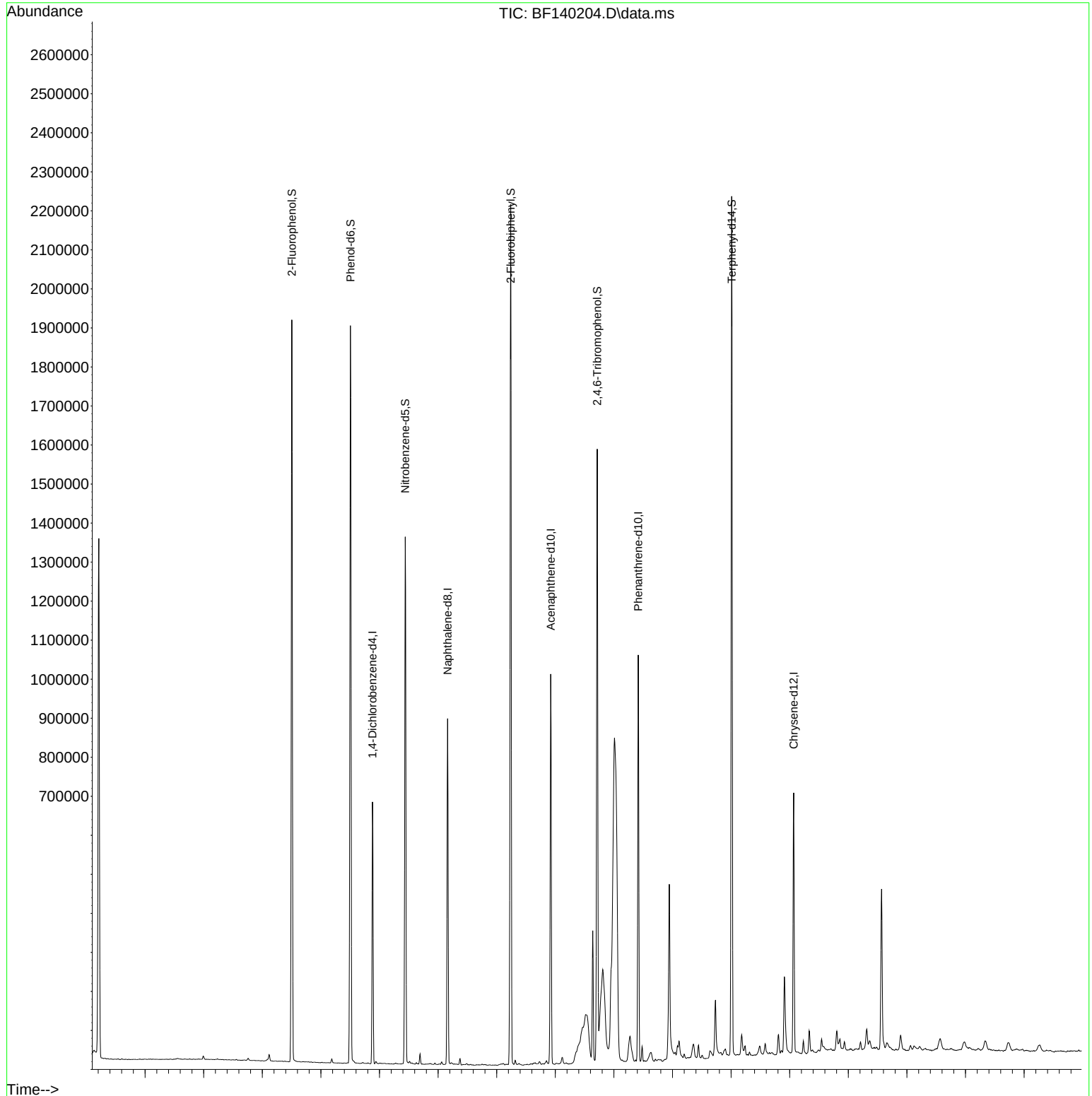
Target Compounds Qvalue

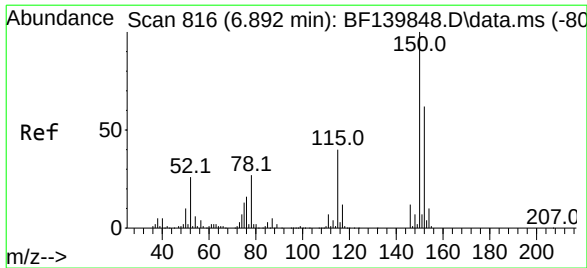
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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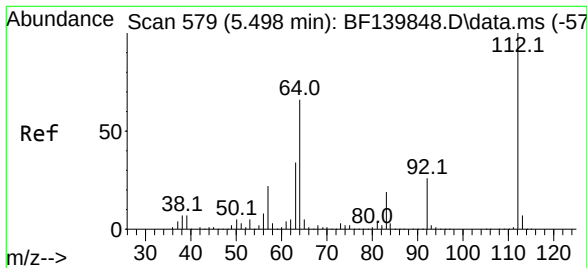
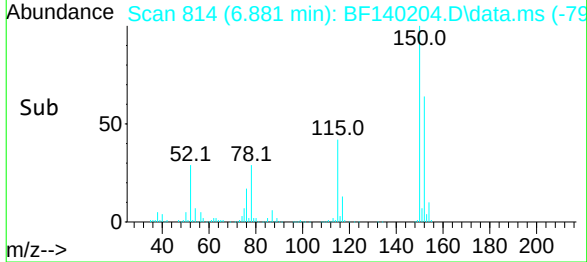
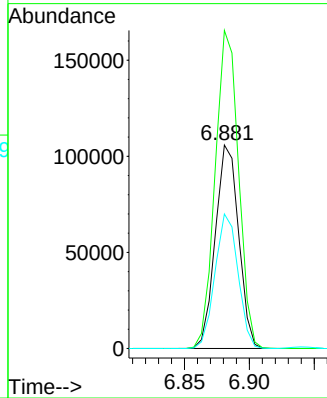
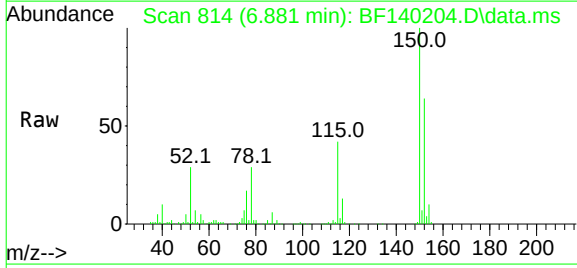




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

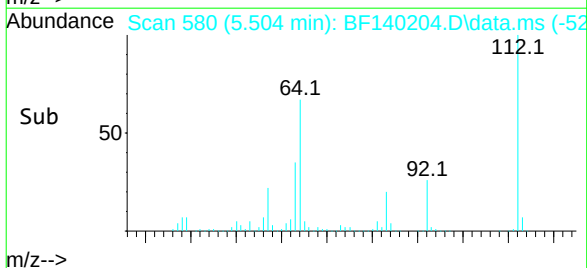
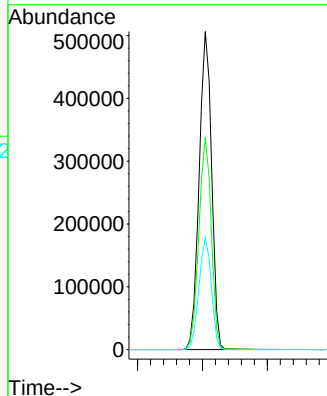
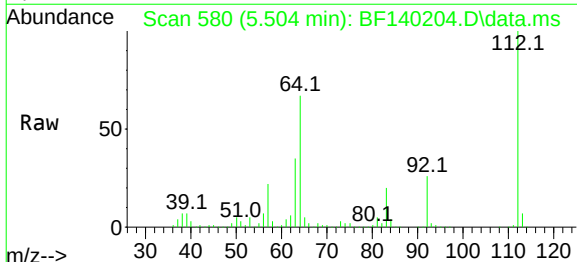
Instrument :
BNA_F
ClientSampleId :
BP-F9-ADDITIONAL

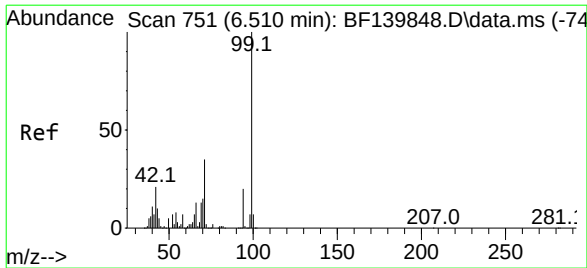
Tgt Ion:152 Resp: 132287
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 66.1 51.4 77.2



#5
2-Fluorophenol
Concen: 80.099 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:112 Resp: 676854
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.2 27.0 40.4

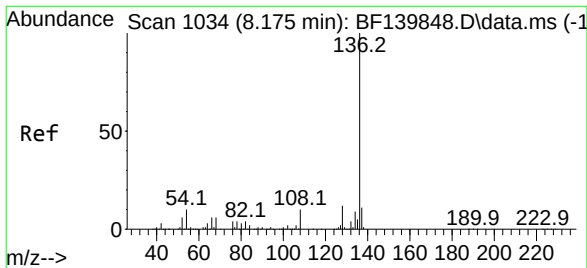
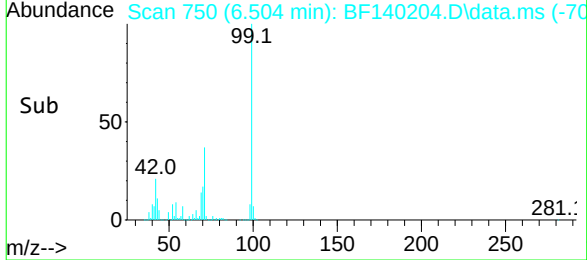
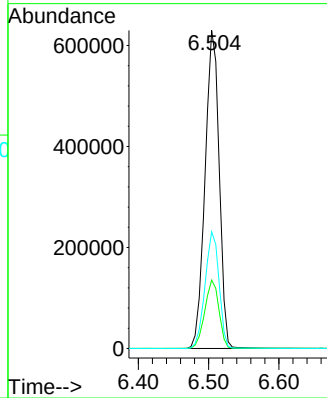
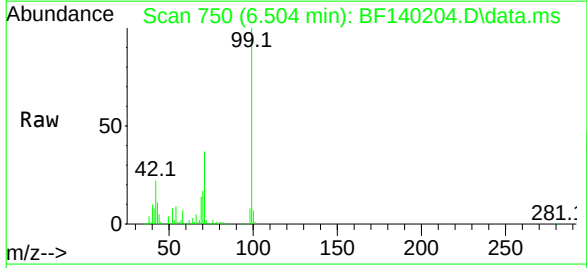




#7
Phenol-d6
Concen: 80.489 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

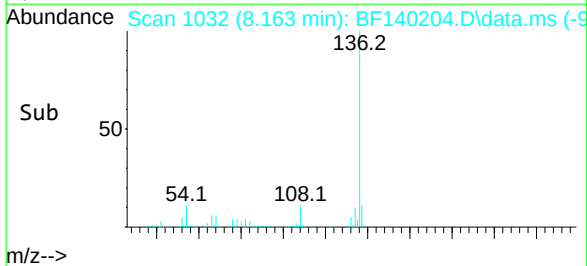
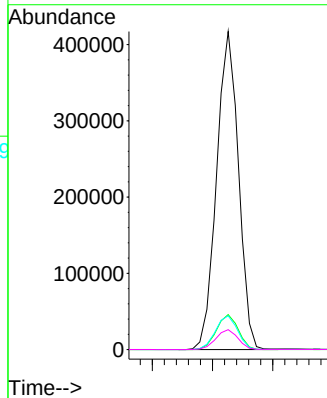
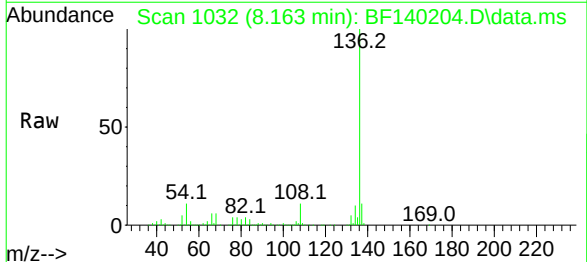
Instrument :
BNA_F
ClientSampleId :
BP-F9-ADDITIONAL

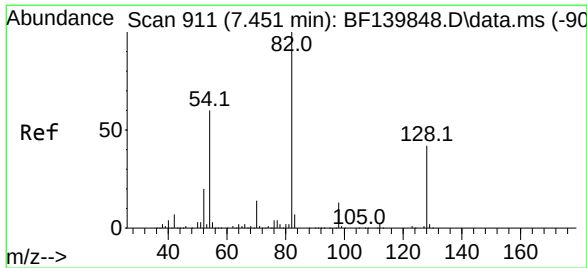
Tgt Ion: 99 Resp: 880904
Ion Ratio Lower Upper
99 100
42 21.5 16.7 25.1
71 36.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion: 136 Resp: 527035
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.3 5.1 7.7

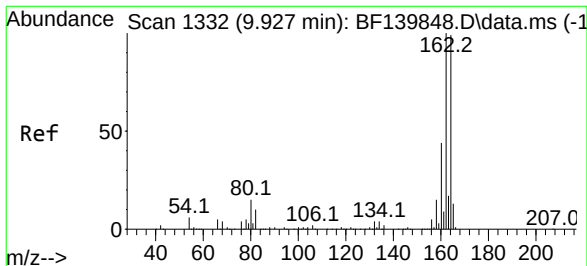
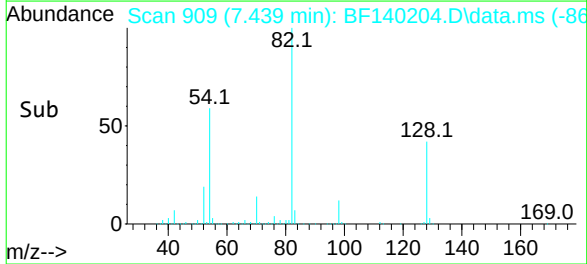
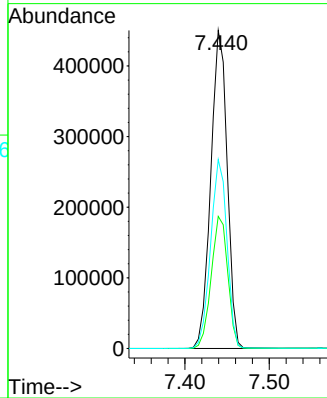
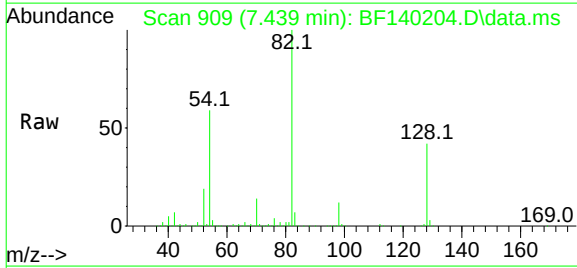




#23
Nitrobenzene-d5
Concen: 64.103 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

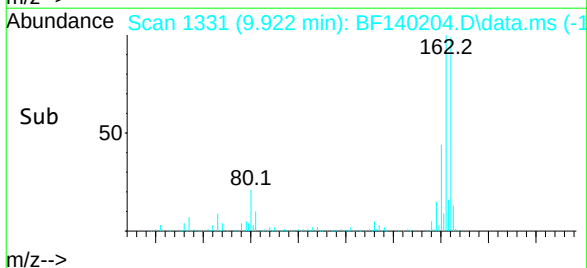
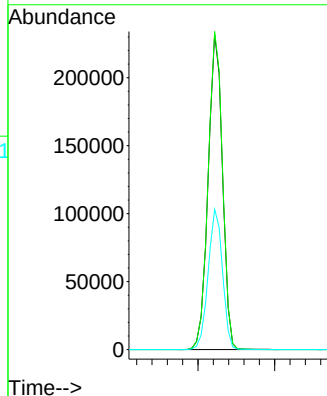
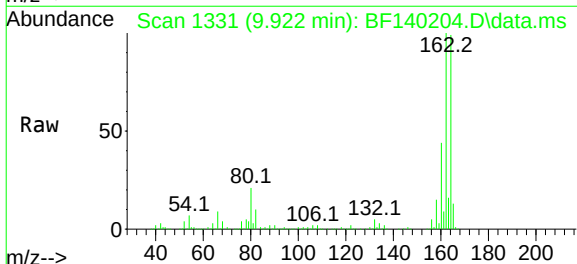
Instrument :
BNA_F
ClientSampleId :
BP-F9-ADDITIONAL

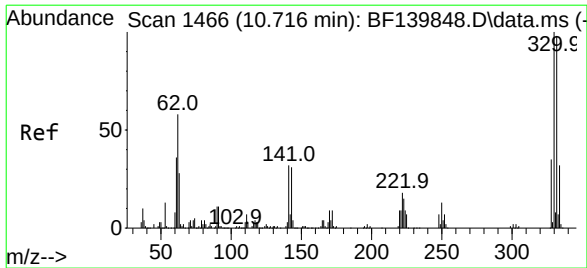
Tgt Ion: 82 Resp: 609568
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 59.4 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

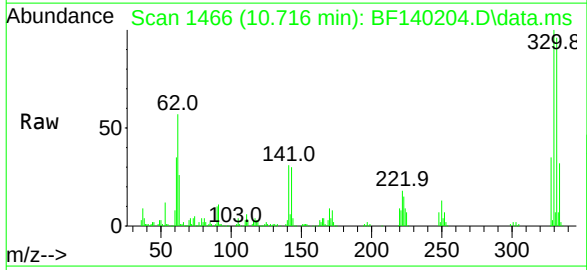
Tgt Ion: 164 Resp: 301235
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.5 35.4 53.0



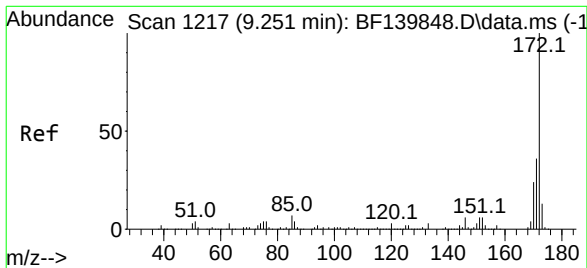
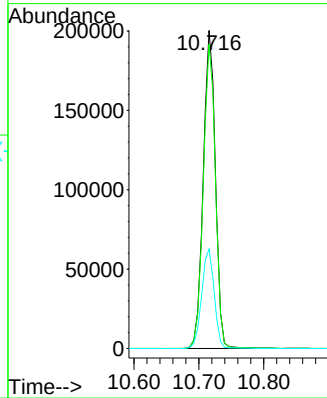
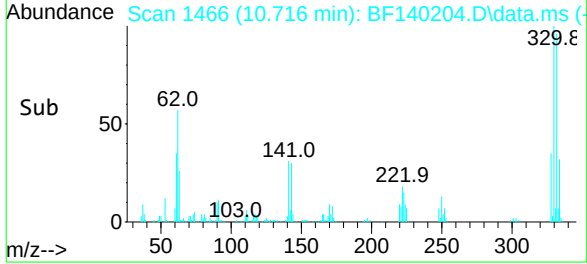


#42
2,4,6-Tribromophenol
Concen: 92.151 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :
BP-F9-ADDITIONAL

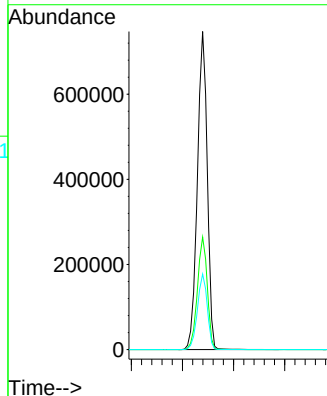
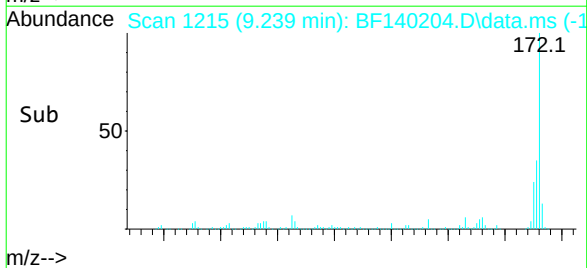
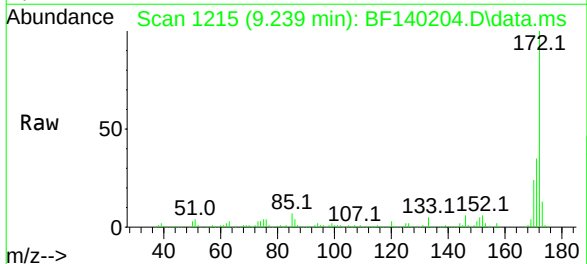


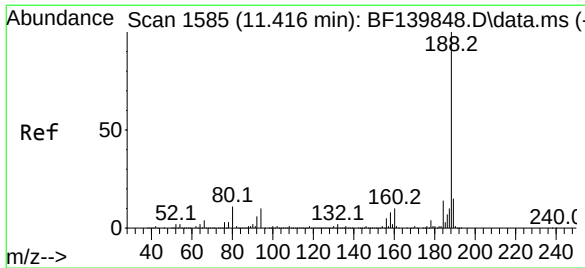
Tgt Ion: 330 Resp: 259651
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 32.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 55.090 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion: 172 Resp: 1004127
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

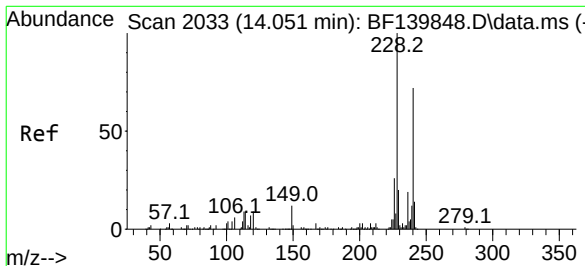
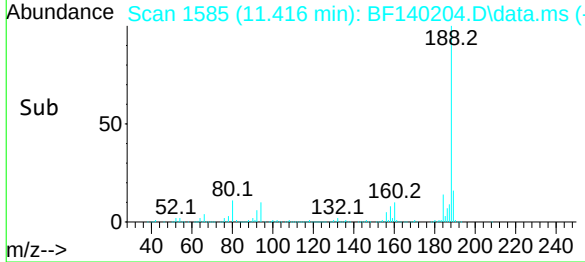
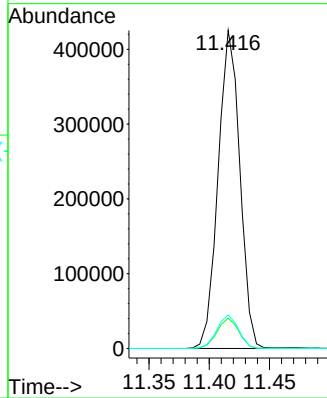
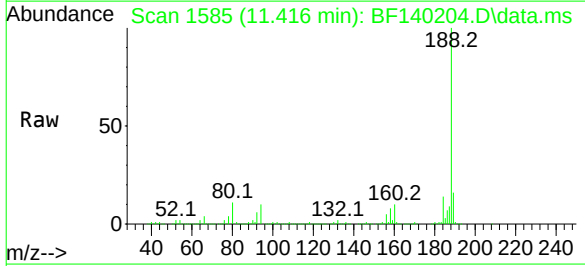




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

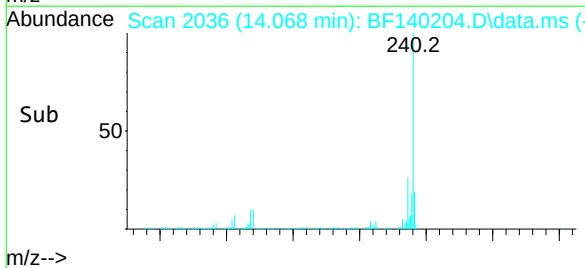
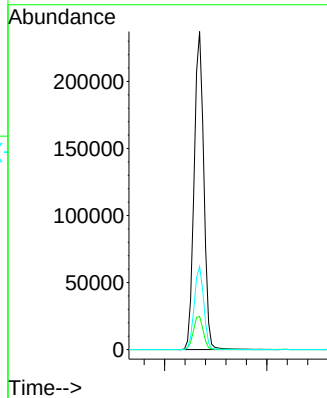
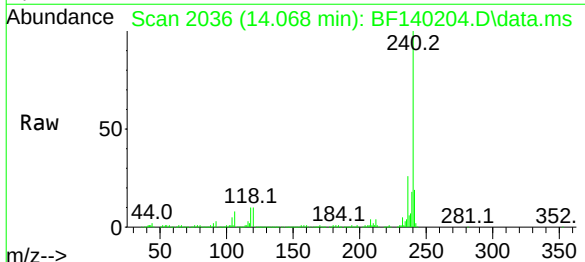
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BP-F9-ADDITIONAL

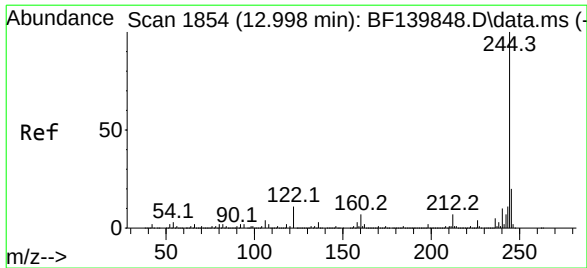
Tgt Ion:188 Resp: 533629
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:240 Resp: 311689
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 57.130 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.012 min

Lab File: BF140204.D

Acq: 01 Nov 2024 11:14

Instrument :

BNA_F

ClientSampleId :

BP-F9-ADDITIONAL

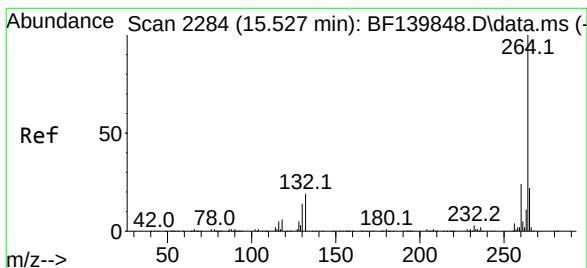
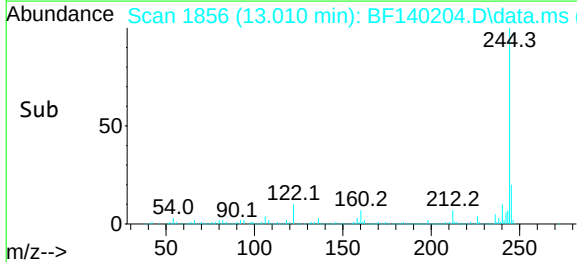
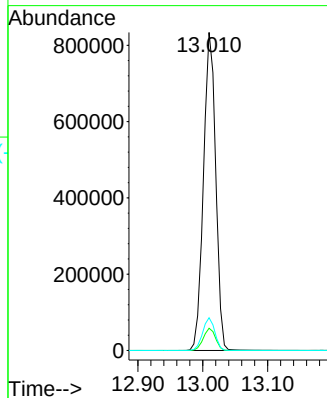
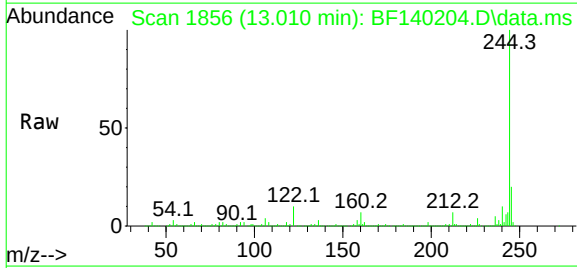
Tgt Ion:244 Resp: 1092784

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140204.D

Acq: 01 Nov 2024 11:14

Tgt Ion:264 Resp: 246586

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.8 17.4 26.0

