

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140153.D
 Acq On : 30 Oct 2024 13:17
 Operator : RC/JU
 Sample : PB164531BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BL

Quant Time: Oct 30 13:54:35 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	118587	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	463570	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	263795	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	493629	20.000	ng	0.00
76) Chrysene-d12	14.068	240	354093	20.000	ng	0.02
86) Perylene-d12	15.592	264	323263	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	827768	109.275	ng	0.00
7) Phenol-d6	6.504	99	1054158	107.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	727702	87.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	320339	129.826	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1325334	83.033	ng	-0.01
79) Terphenyl-d14	13.010	244	1613055	74.230	ng	0.01

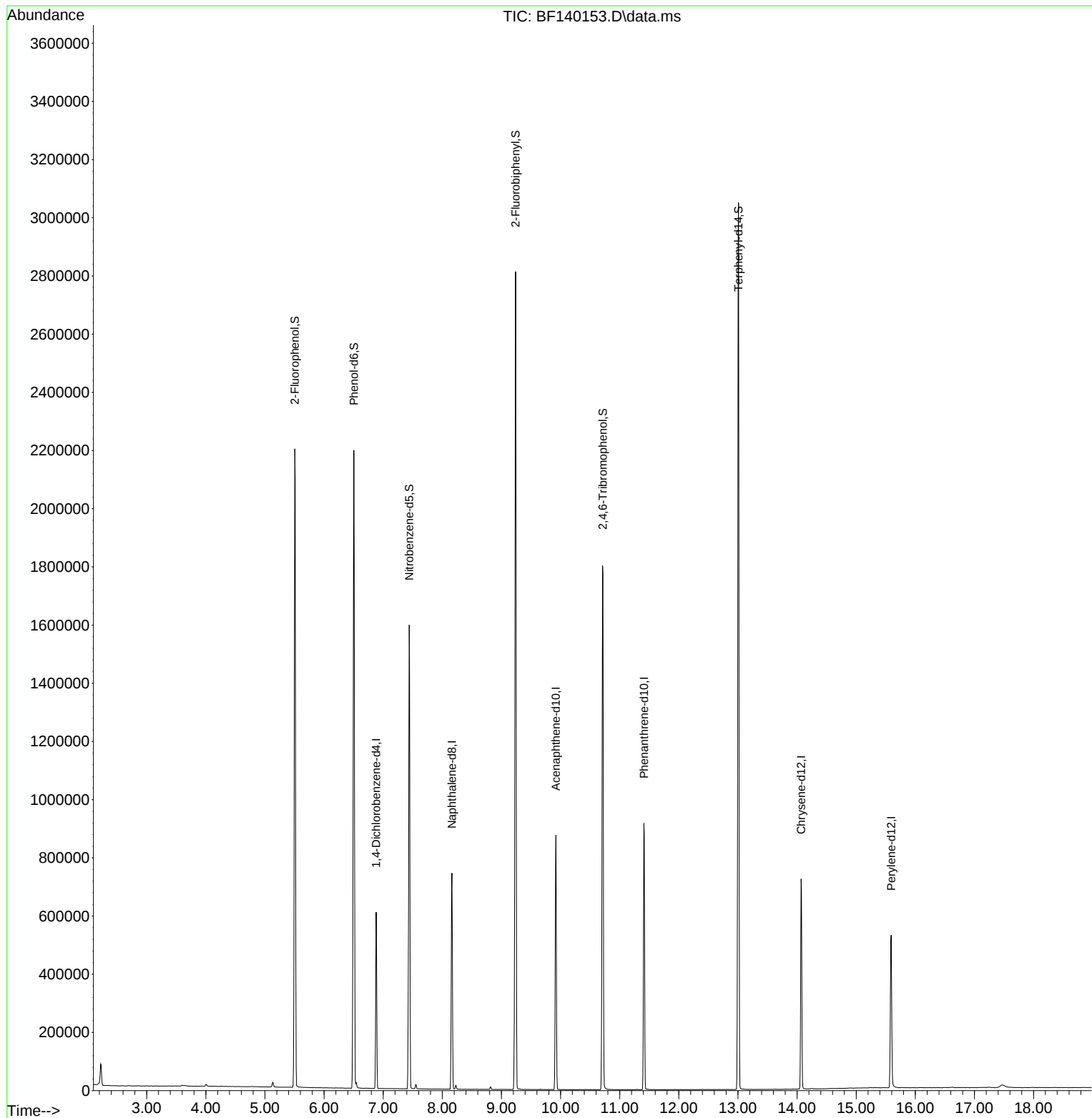
Target Compounds	Qvalue

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

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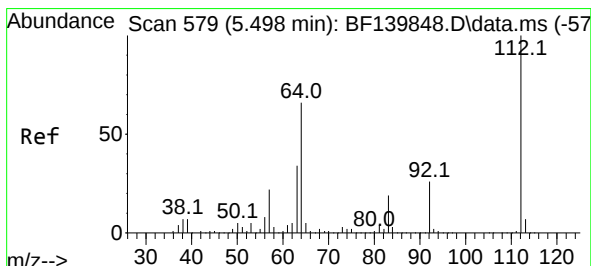
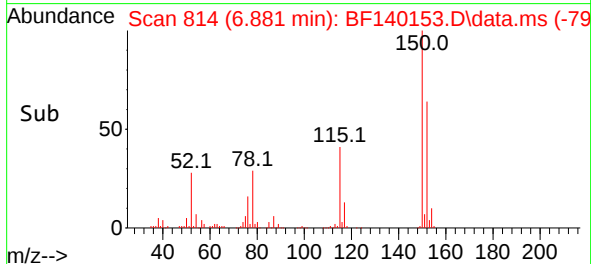
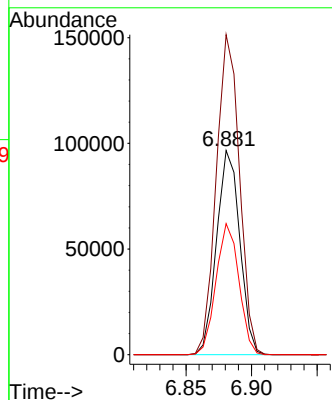
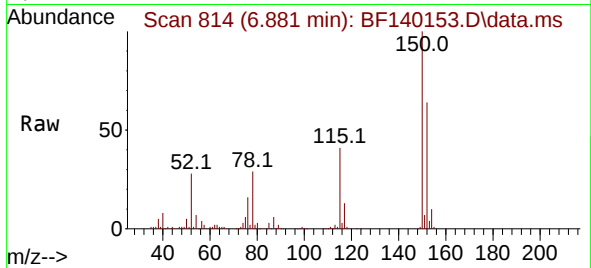




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

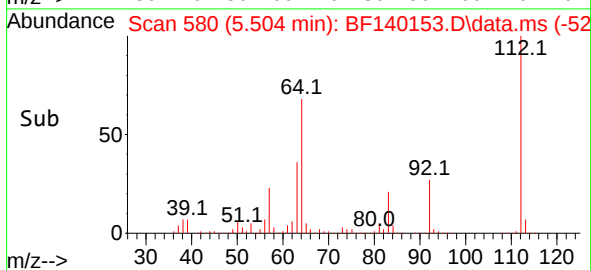
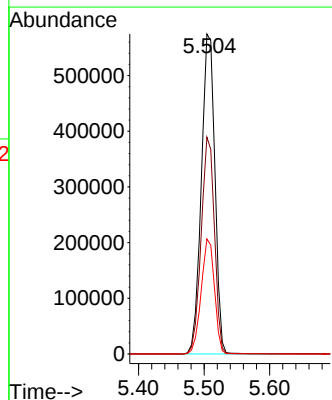
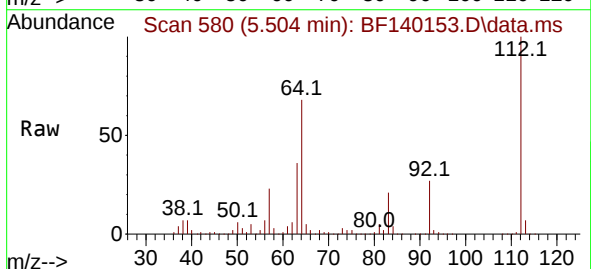
Instrument :
BNA_F
ClientSampleId :
PB164531BL

Tgt Ion:152 Resp: 118587
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 64.2 51.4 77.2



#5
2-Fluorophenol
Concen: 109.275 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

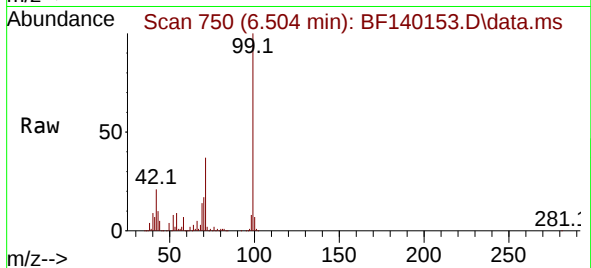
Tgt Ion:112 Resp: 827768
Ion Ratio Lower Upper
112 100
64 67.8 53.0 79.6
63 36.0 27.0 40.4





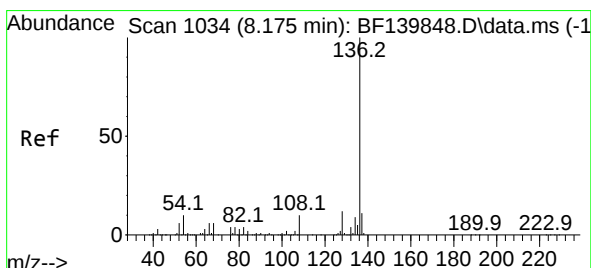
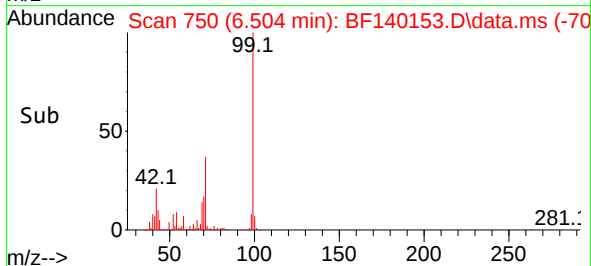
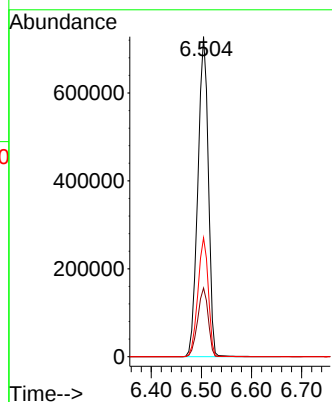
#7
Phenol-d6
Concen: 107.447 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB164531BL



Tgt Ion: 99 Resp: 1054158

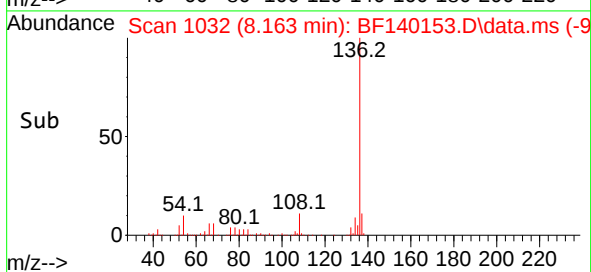
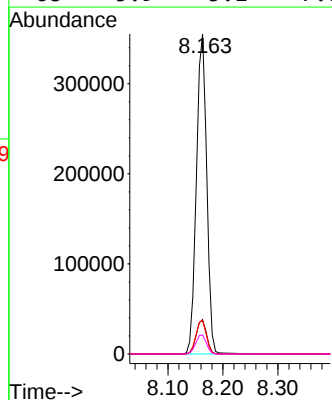
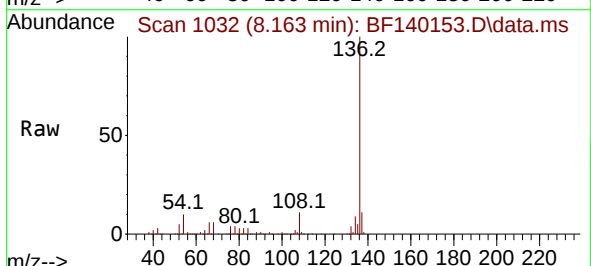
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.7	25.1
71	37.1	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

Tgt Ion: 136 Resp: 463570

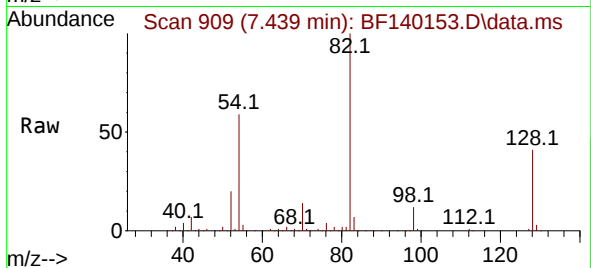
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.3	8.4	12.6
68	5.9	5.1	7.7



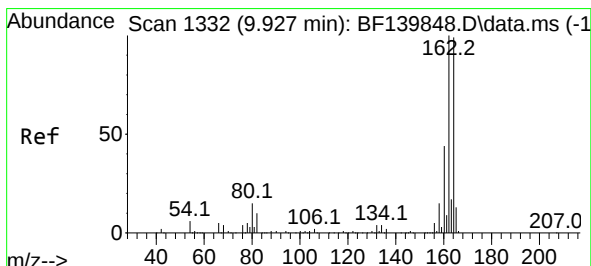
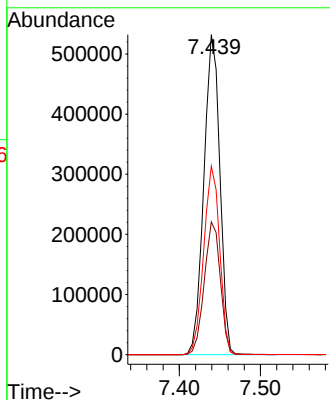
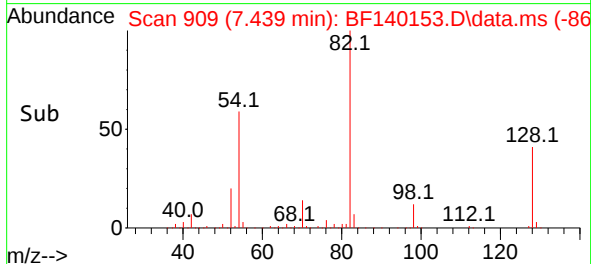


#23
Nitrobenzene-d5
Concen: 87.003 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

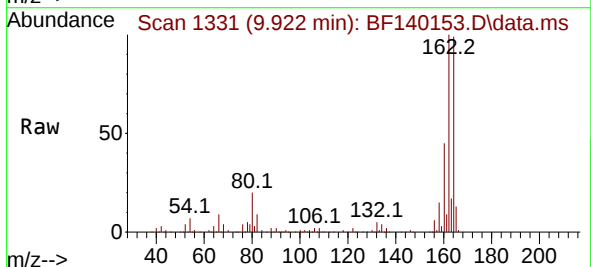
Instrument :
BNA_F
ClientSampleId :
PB164531BL



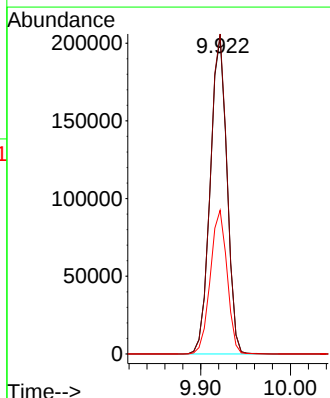
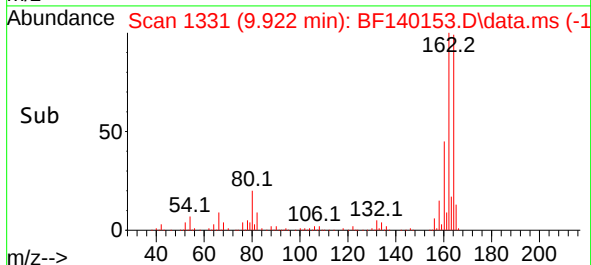
Tgt Ion: 82 Resp: 727702
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.0
54 58.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17



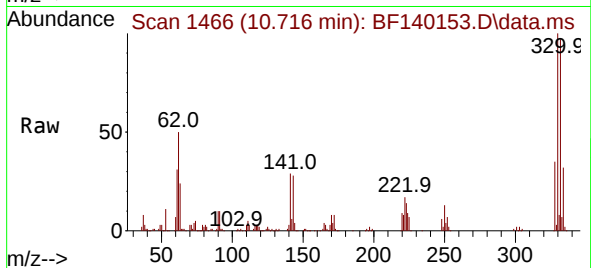
Tgt Ion: 164 Resp: 263795
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.4 35.4 53.0



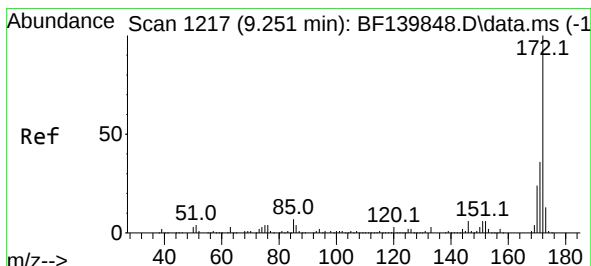
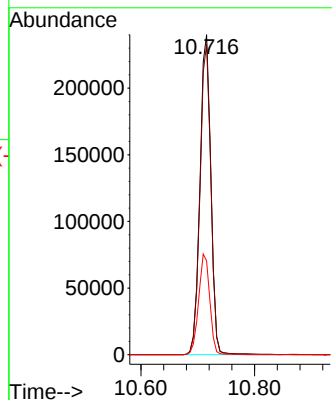
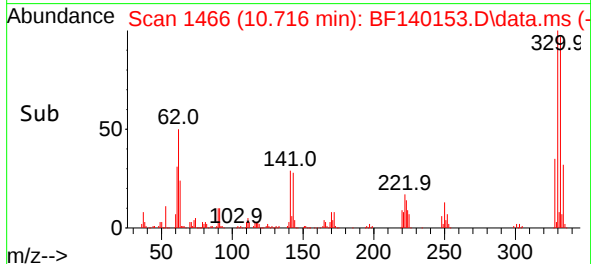


#42
2,4,6-Tribromophenol
Concen: 129.826 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

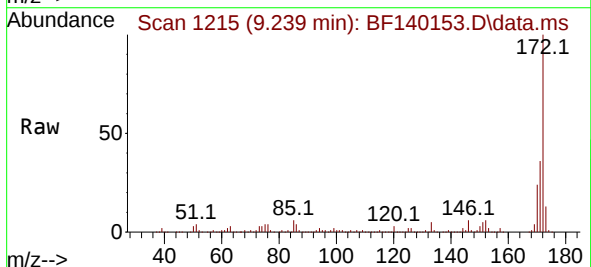
Instrument :
BNA_F
ClientSampleId :
PB164531BL



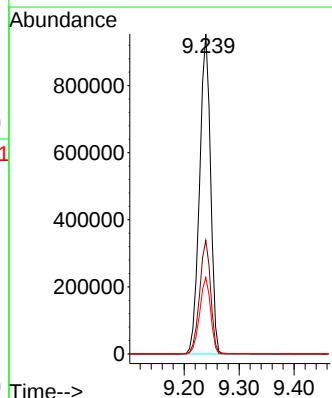
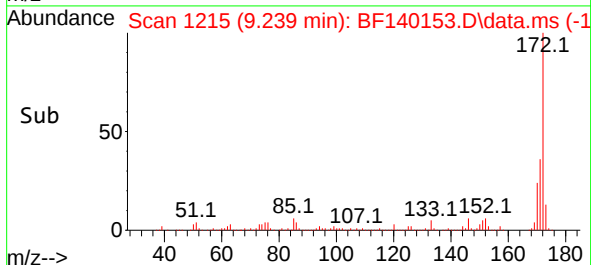
Tgt Ion: 330 Resp: 320339
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 32.1 26.6 39.8

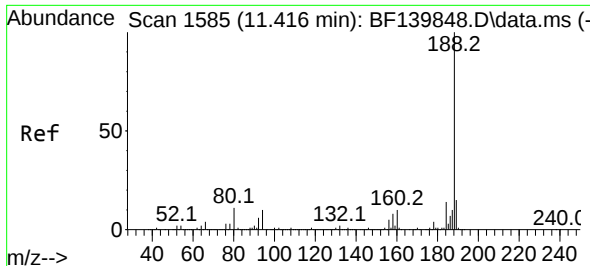


#45
2-Fluorobiphenyl
Concen: 83.033 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140153.D
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Tgt Ion: 172 Resp: 1325334
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.1 28.7

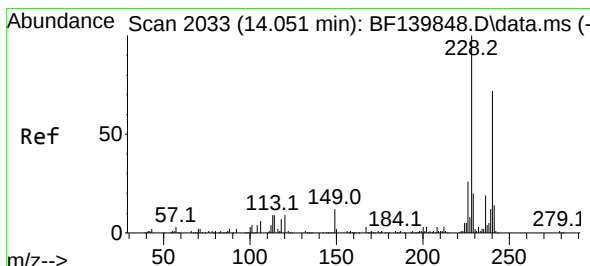
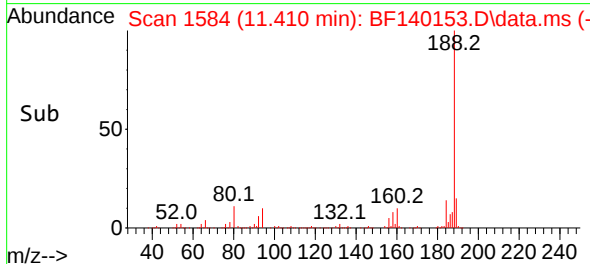
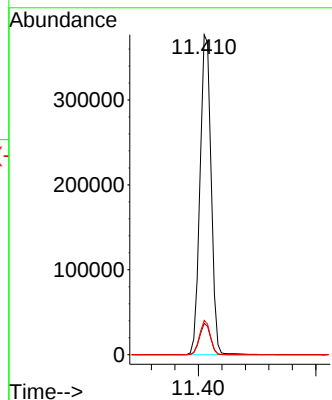
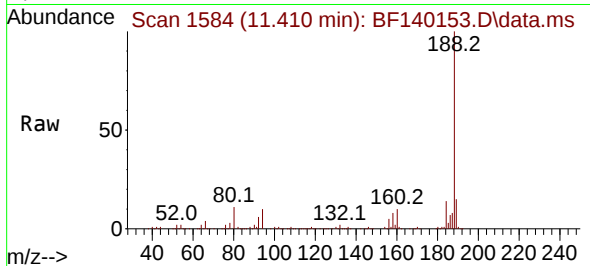




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

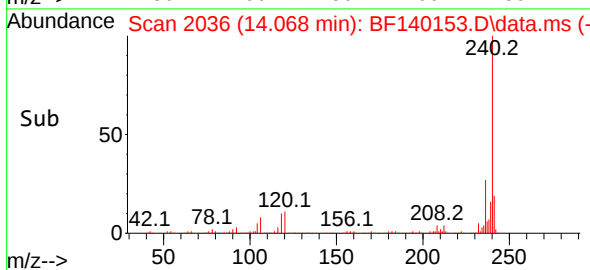
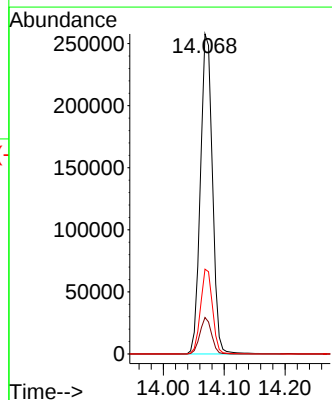
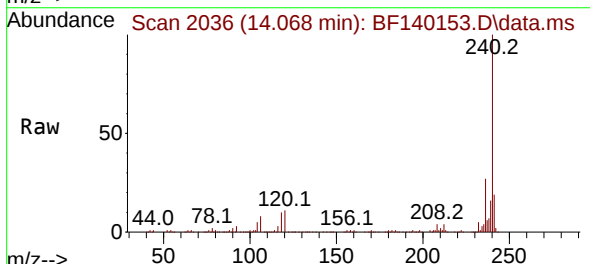
Instrument :
BNA_F
ClientSampleId :
PB164531BL

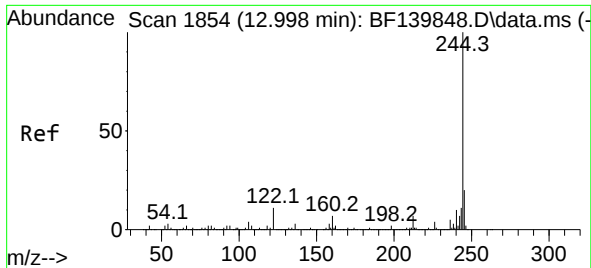
Tgt Ion:188 Resp: 493629
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140153.D
Acq: 30 Oct 2024 13:17

Tgt Ion:240 Resp: 354093
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.5 20.9 31.3

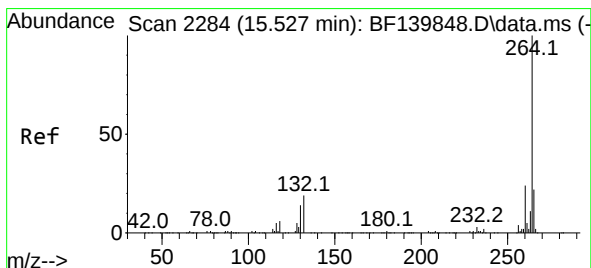
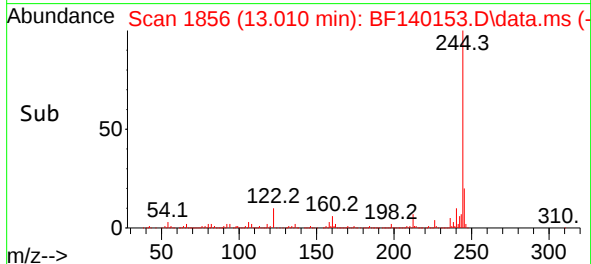
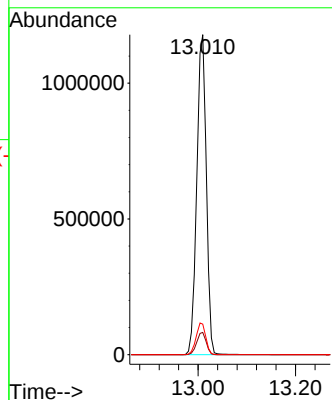
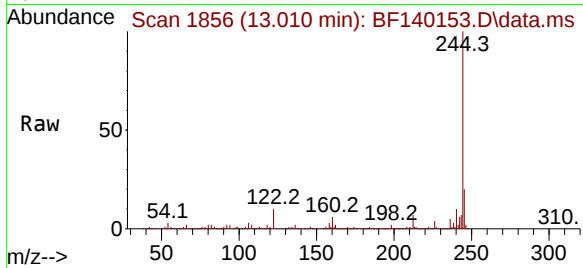




#79
 Terphenyl-d14
 Concen: 74.230 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF140153.D
 Acq: 30 Oct 2024 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BL

Tgt Ion:244 Resp: 1613055
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2295
 Delta R.T. 0.065 min
 Lab File: BF140153.D
 Acq: 30 Oct 2024 13:17

Tgt Ion:264 Resp: 323263
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.7 17.4 26.0

