

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140094.D
 Acq On : 28 Oct 2024 18:31
 Operator : RC/JU
 Sample : P4567-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 29 00:55:00 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)

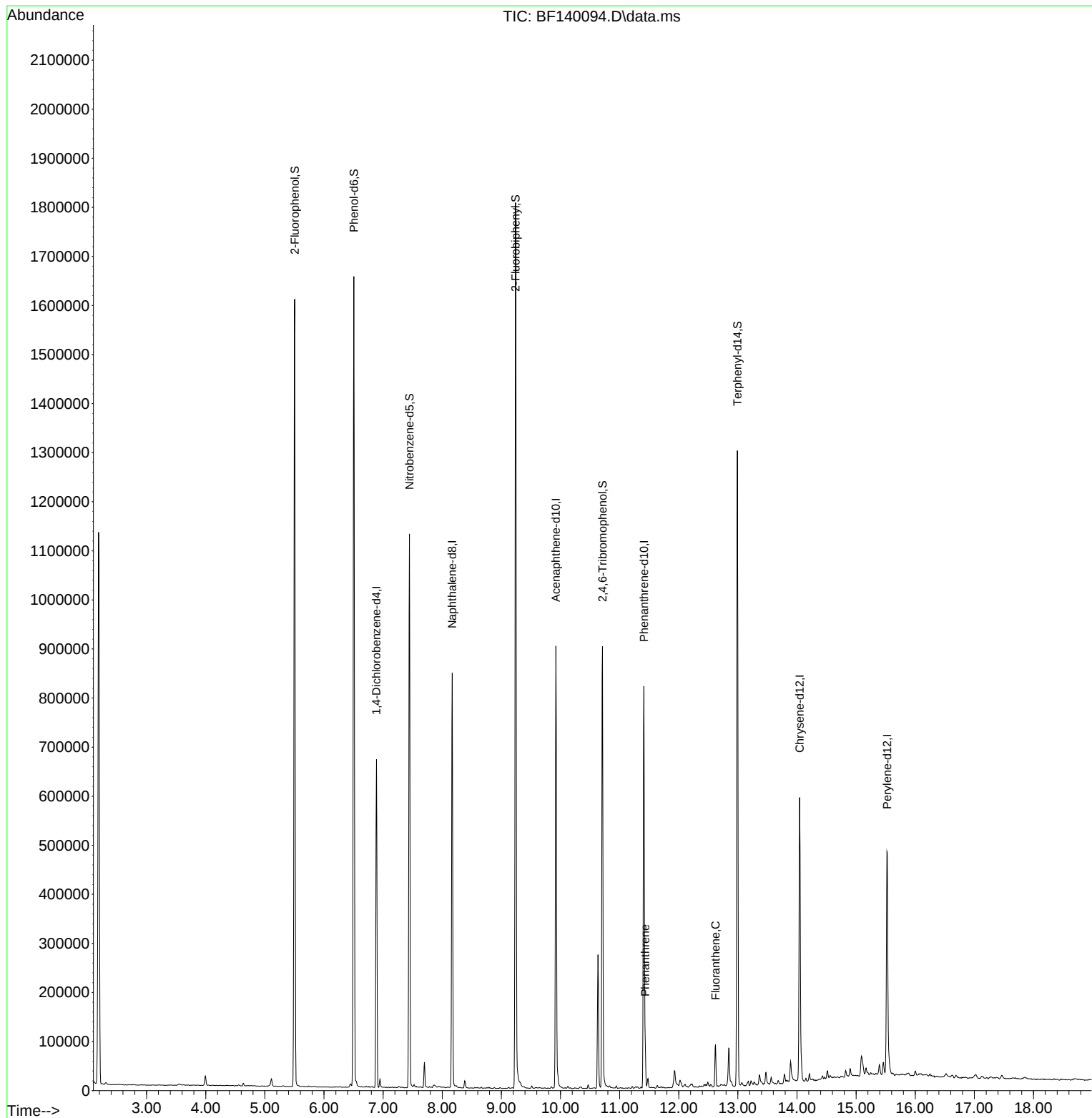
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	133695	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	512924	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	279317	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	435403	20.000	ng	0.00
76) Chrysene-d12	14.045	240	260745	20.000	ng	0.00
86) Perylene-d12	15.527	264	287923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594694	69.635	ng	0.00
7) Phenol-d6	6.504	99	771836	69.781	ng	0.00
23) Nitrobenzene-d5	7.445	82	495282	53.517	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	156386	59.857	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	853586	50.506	ng	-0.01
79) Terphenyl-d14	12.992	244	631991	39.495	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.433	178	44089	2.144	ng	99
75) Fluoranthene	12.622	202	50241	2.416	ng	99

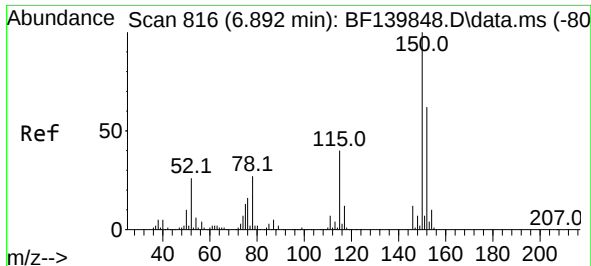
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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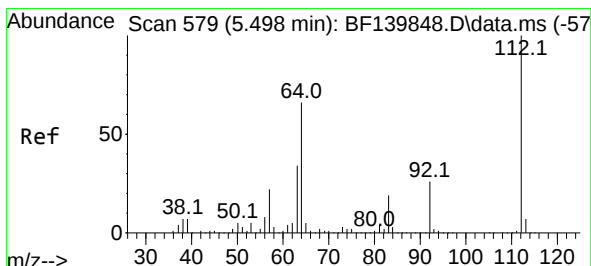
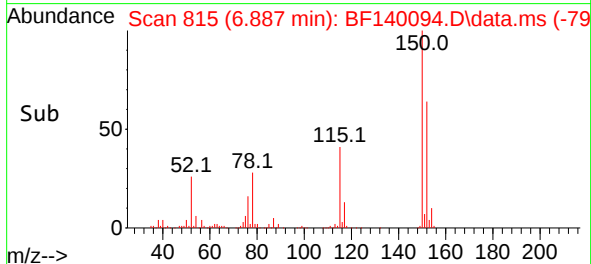
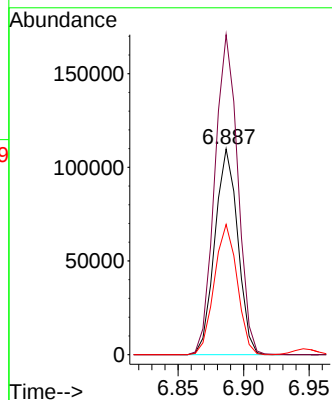
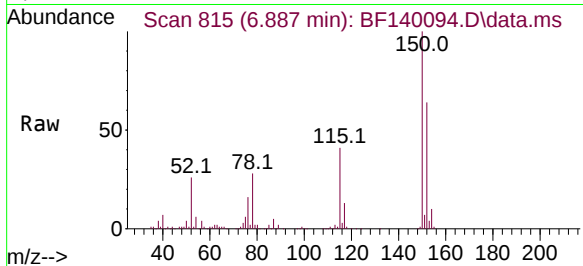




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

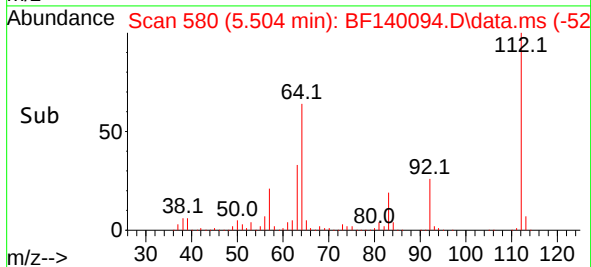
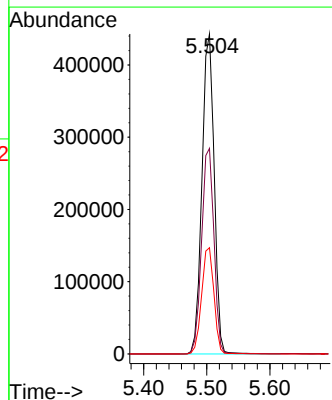
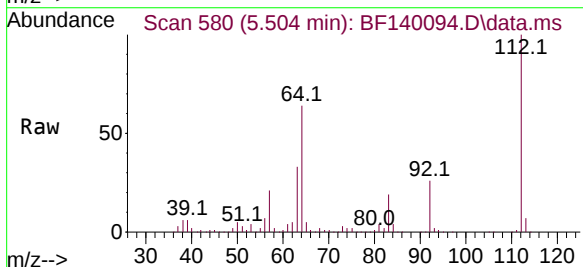
Instrument :
BNA_F
ClientSampleId :
WC-1

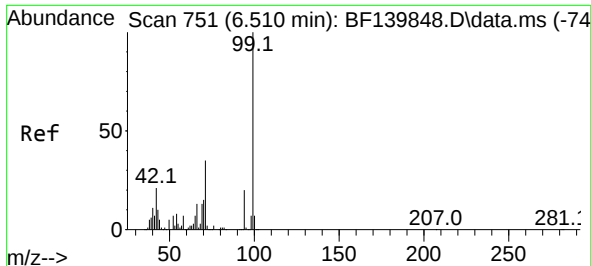
Tgt Ion:152 Resp: 133695
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 69.635 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

Tgt Ion:112 Resp: 594694
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 33.2 27.0 40.4

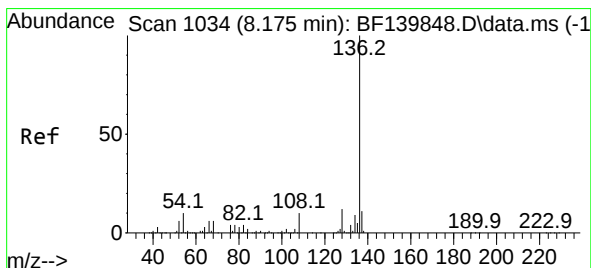
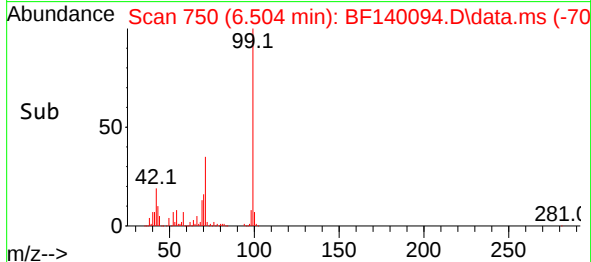
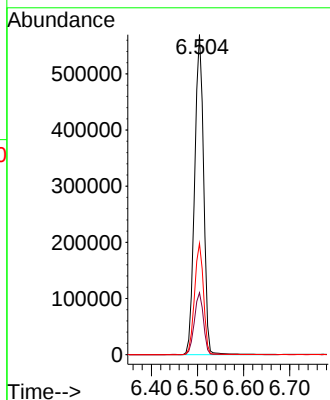
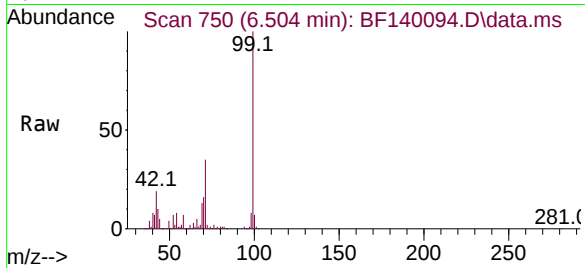




#7
Phenol-d6
Concen: 69.781 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

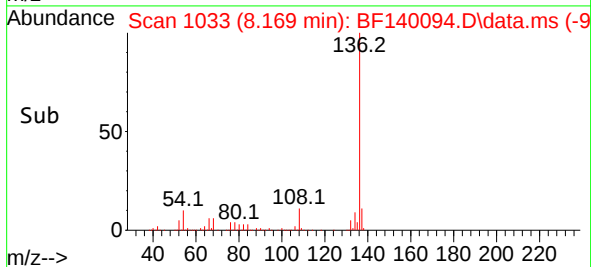
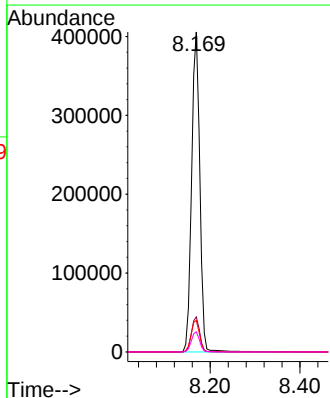
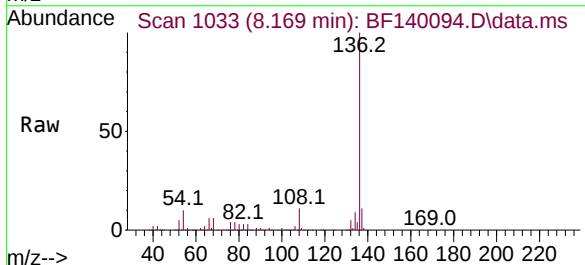
Instrument :
BNA_F
ClientSampleId :
WC-1

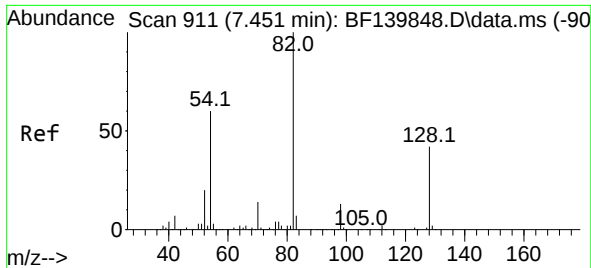
Tgt Ion: 99 Resp: 771836
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

Tgt Ion: 136 Resp: 512924
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 6.3 5.1 7.7

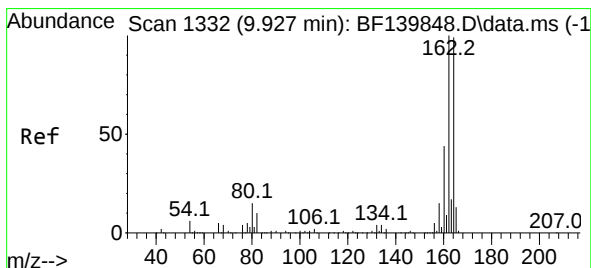
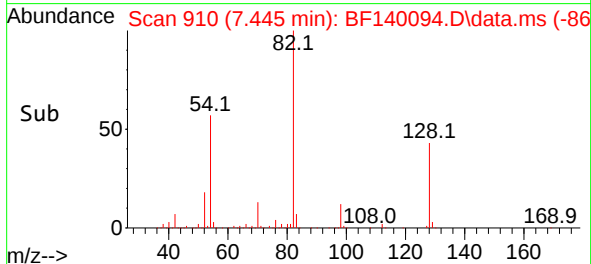
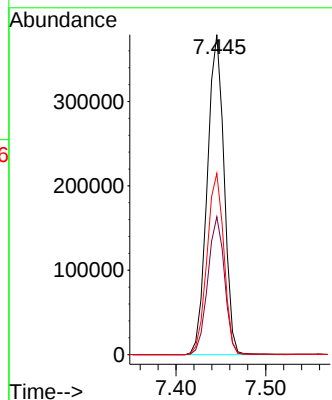
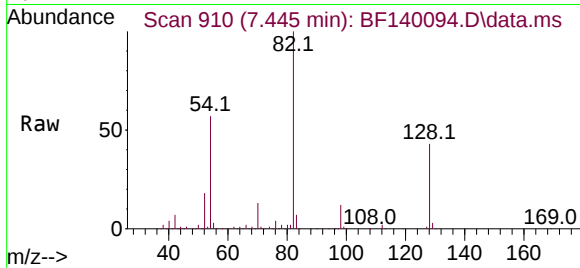




#23
Nitrobenzene-d5
Concen: 53.517 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

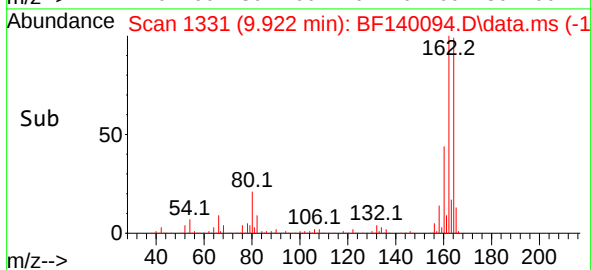
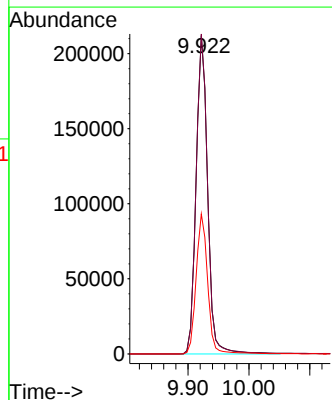
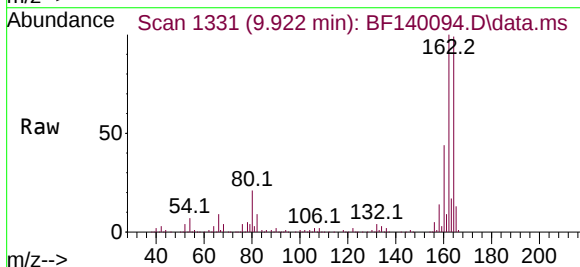
Instrument :
BNA_F
ClientSampleId :
WC-1

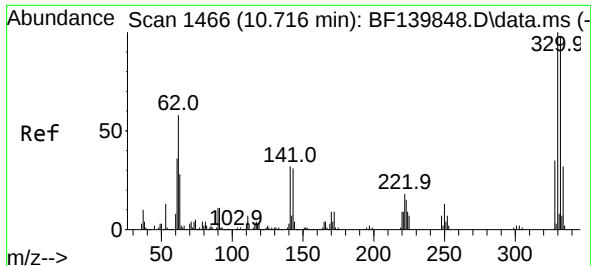
Tgt Ion: 82 Resp: 495282
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.0
54 56.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

Tgt Ion: 164 Resp: 279317
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 43.9 35.4 53.0

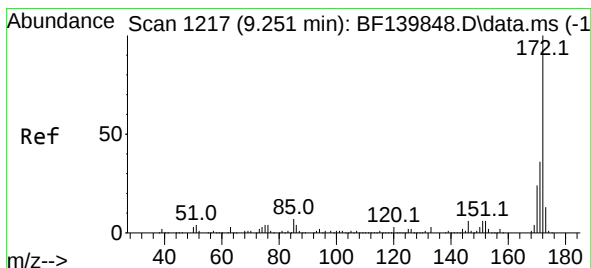
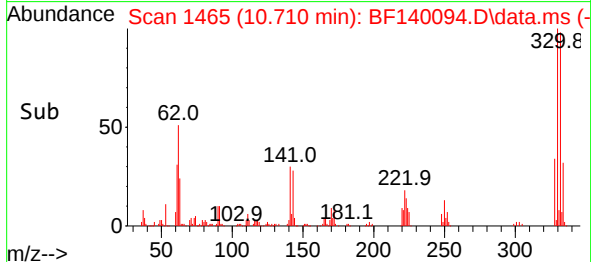
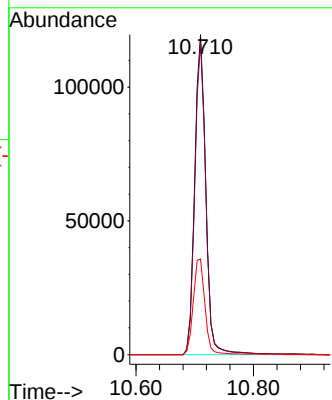
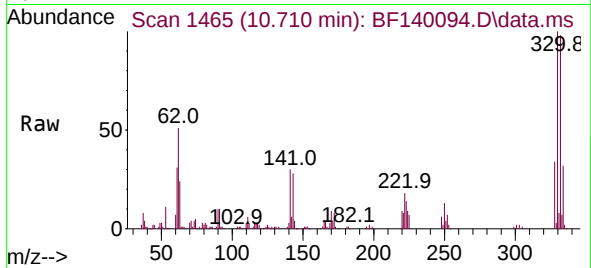




#42
 2,4,6-Tribromophenol
 Concen: 59.857 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF140094.D
 Acq: 28 Oct 2024 18:31

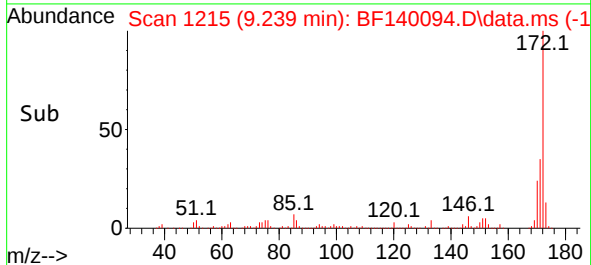
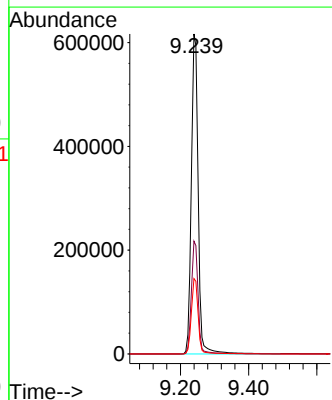
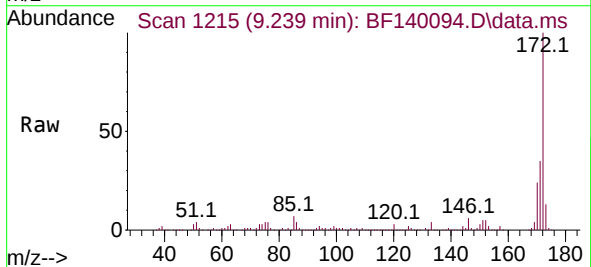
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 ClientSampleId :
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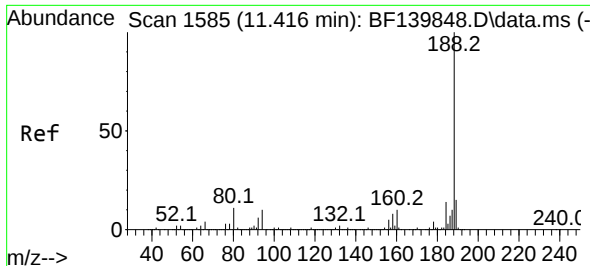
Tgt Ion:330 Resp: 156386
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 31.7 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 50.506 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.012 min
 Lab File: BF140094.D
 Acq: 28 Oct 2024 18:31

Tgt Ion:172 Resp: 853586
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.5 19.1 28.7

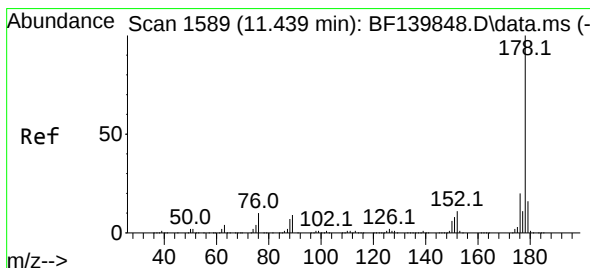
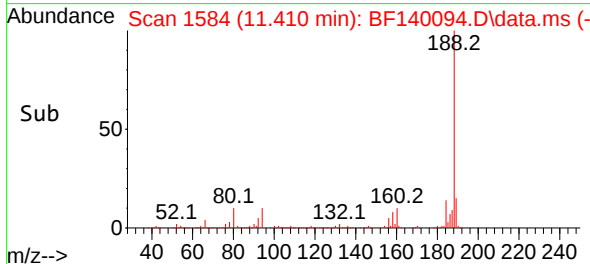
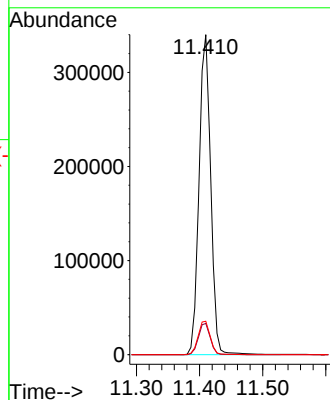
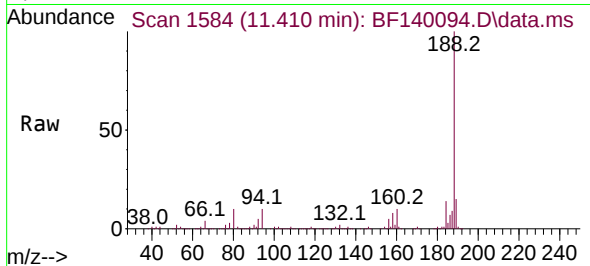




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

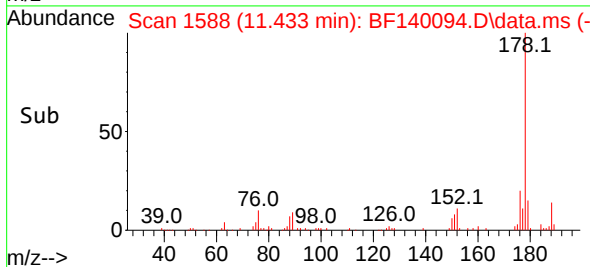
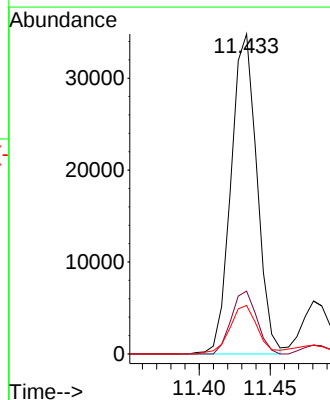
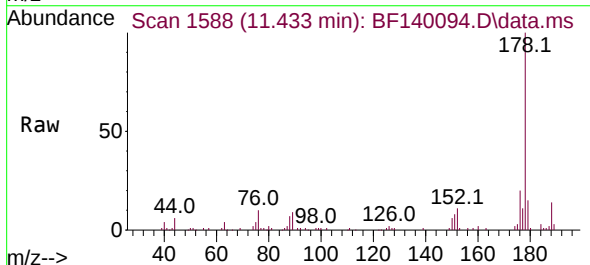
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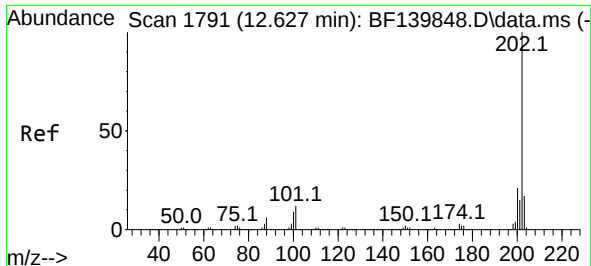
Tgt Ion:188 Resp: 435403
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.4 9.0 13.4



#71
Phenanthrene
Concen: 2.144 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

Tgt Ion:178 Resp: 44089
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.1 12.6 18.8

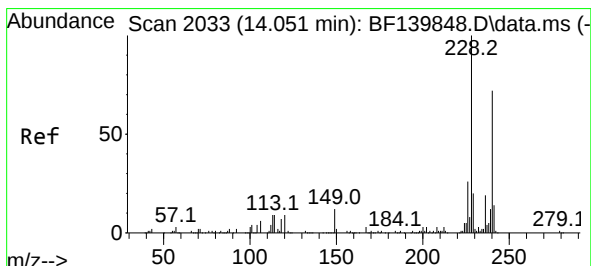
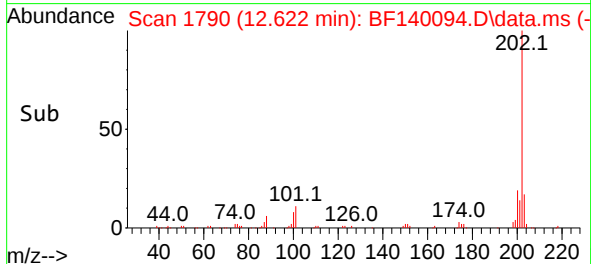
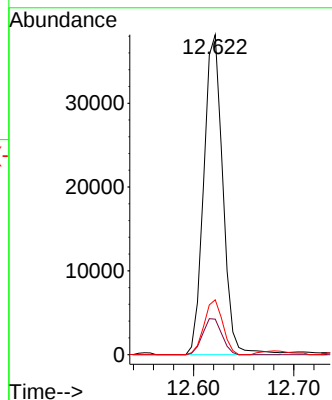
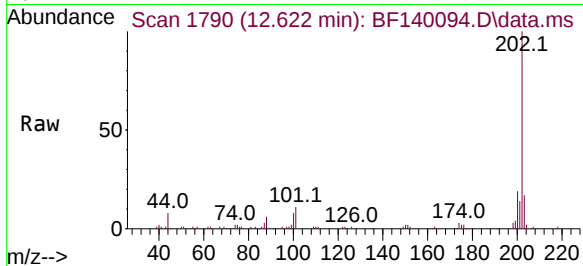




#75
Fluoranthene
Concen: 2.416 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

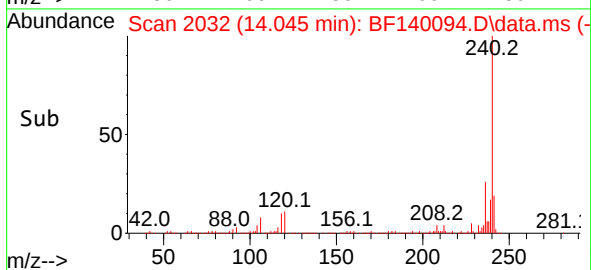
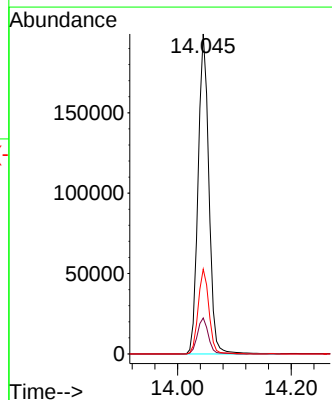
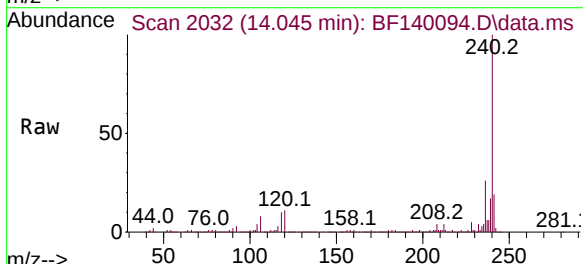
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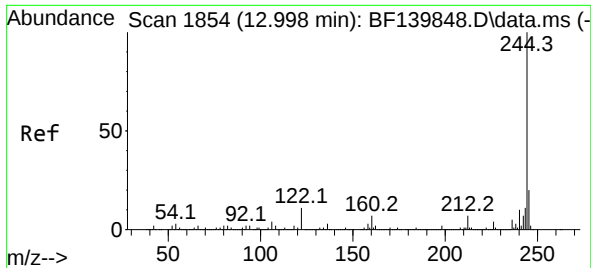
Tgt Ion:202	Resp:	50241
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 31.9
203	17.1	0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

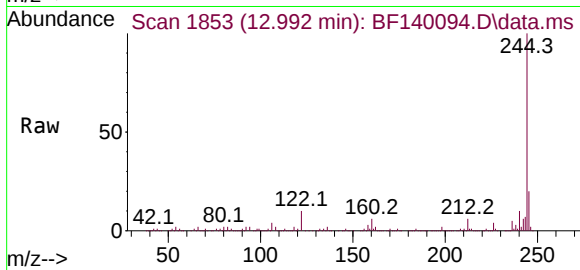
Tgt Ion:240	Resp:	260745
Ion Ratio	Lower	Upper
240	100	
120	11.2	9.4 14.2
236	26.5	20.9 31.3



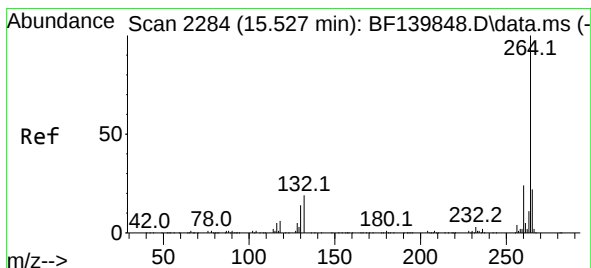
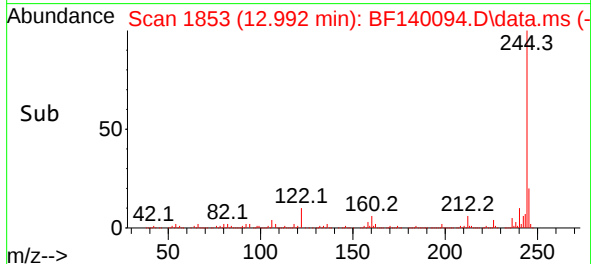
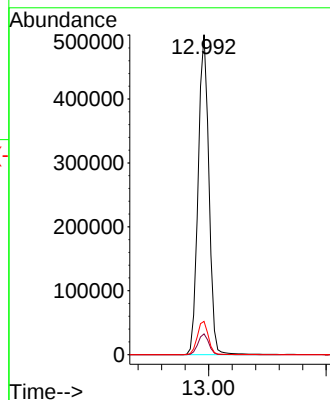


#79
Terphenyl-d14
Concen: 39.495 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140094.D
Acq: 28 Oct 2024 18:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 631991
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.4 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: BF140094.D
Acq: 28 Oct 2024 18:31

Tgt Ion:264 Resp: 287923
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 17.4 26.0

