

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139928.D
Acq On : 22 Oct 2024 14:58
Operator : RC/JU
Sample : PB164154BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164154BL

Quant Time: Oct 22 15:24:16 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	163319	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	633200	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	357885	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	642786	20.000	ng	0.00
76) Chrysene-d12	14.051	240	375705	20.000	ng	0.00
86) Perylene-d12	15.527	264	319185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1329585	127.447	ng	0.02
7) Phenol-d6	6.510	99	1686016	124.782	ng	0.00
23) Nitrobenzene-d5	7.451	82	1085362	95.001	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	490579	146.549	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1924724	88.883	ng	0.00
79) Terphenyl-d14	13.004	244	2163031	93.813	ng	0.00

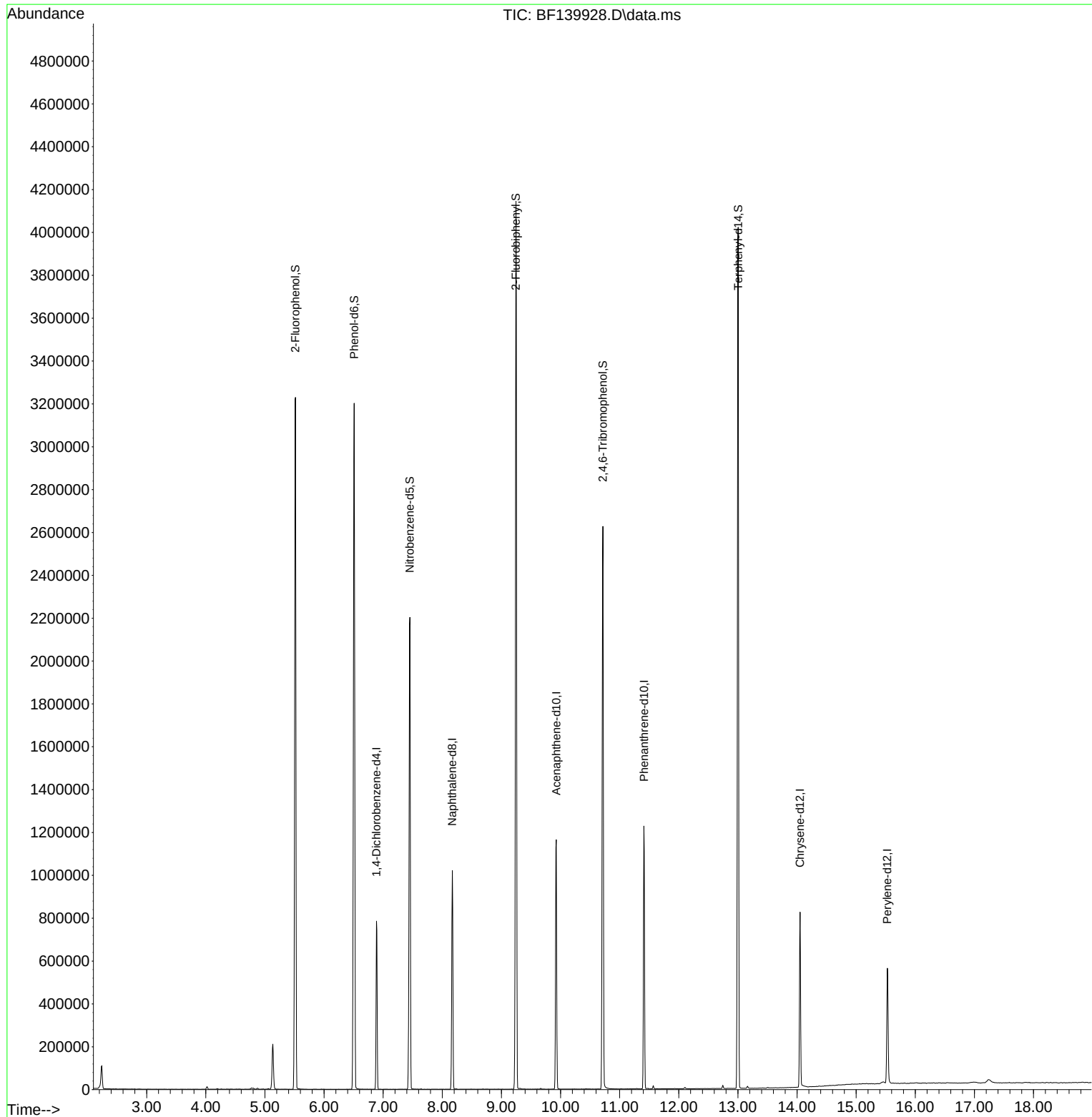
Target Compounds	Qvalue

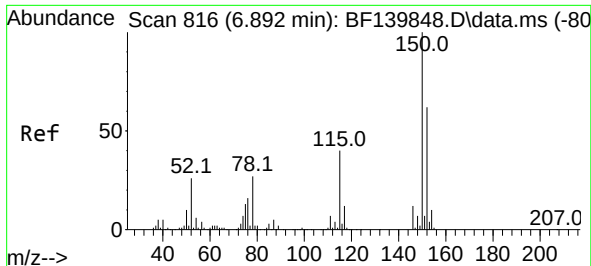
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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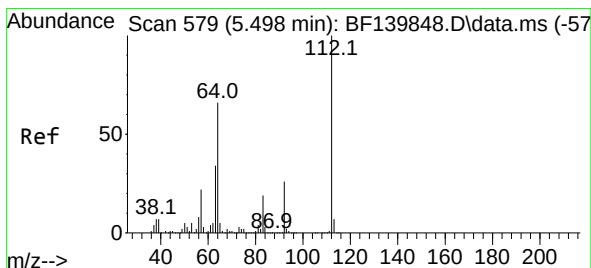
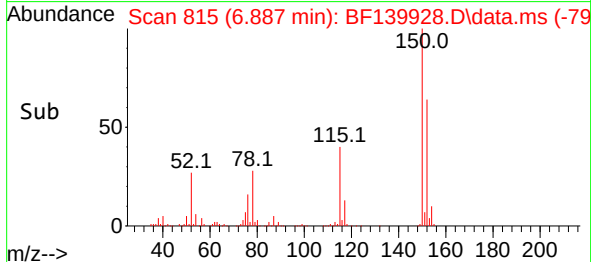
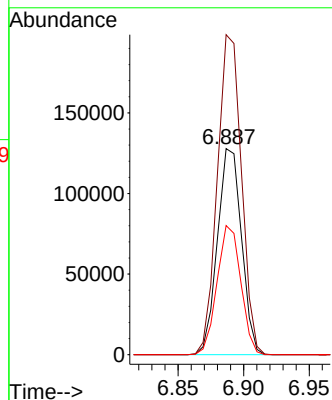
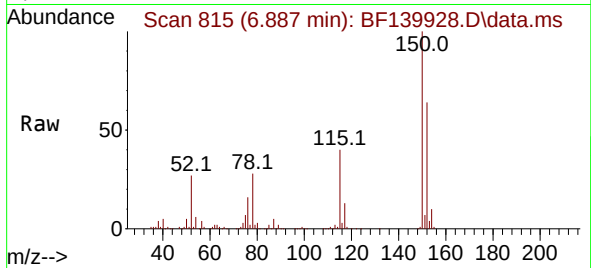




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

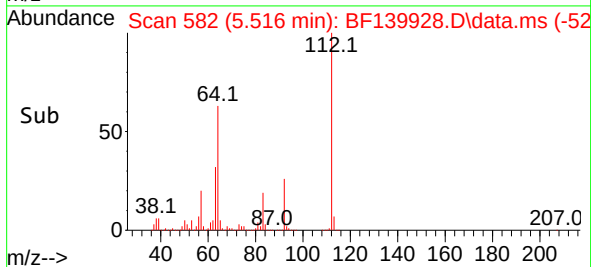
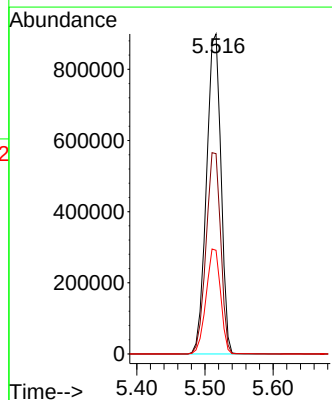
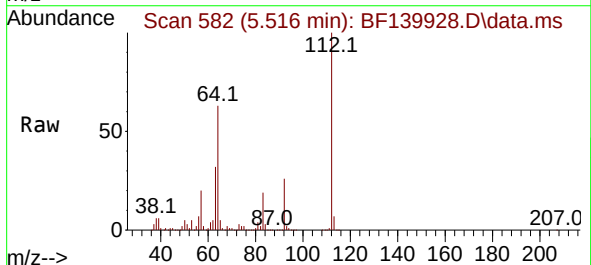
Instrument :
BNA_F
ClientSampleId :
PB164154BL

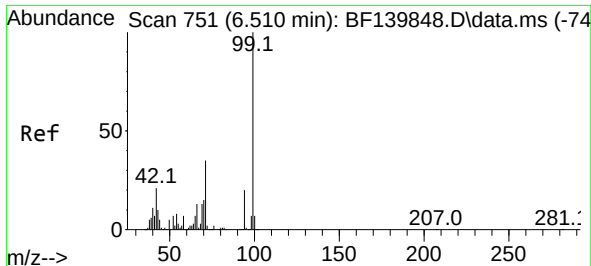
Tgt Ion:152 Resp: 163319
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.2
115 62.6 51.4 77.2



#5
2-Fluorophenol
Concen: 127.447 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

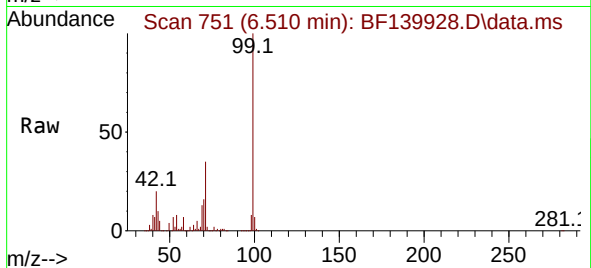
Tgt Ion:112 Resp: 1329585
Ion Ratio Lower Upper
112 100
64 62.6 53.0 79.6
63 32.4 27.0 40.4





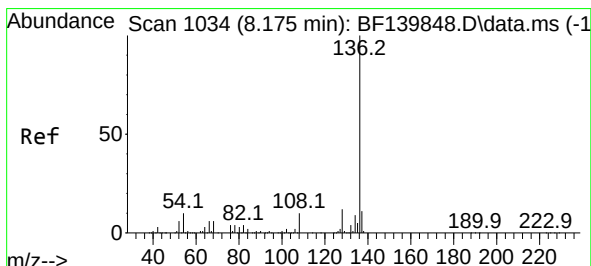
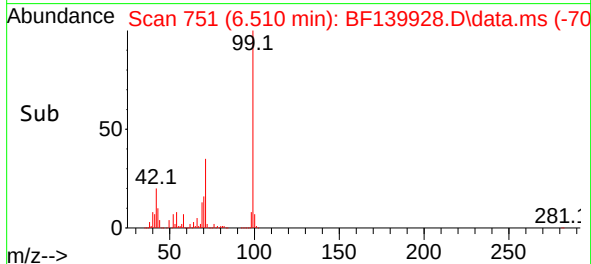
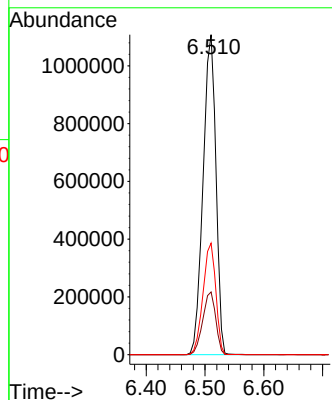
#7
Phenol-d6
Concen: 124.782 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB164154BL



Tgt Ion: 99 Resp: 1686016

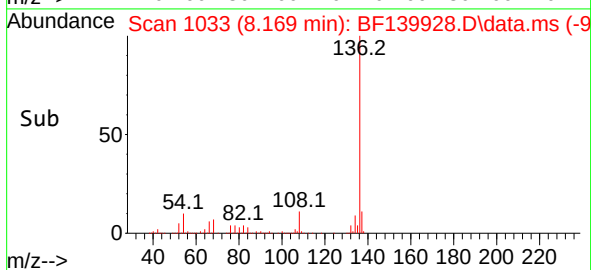
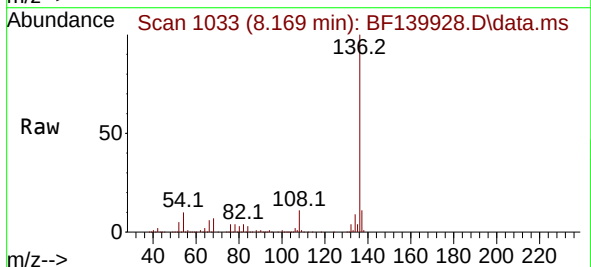
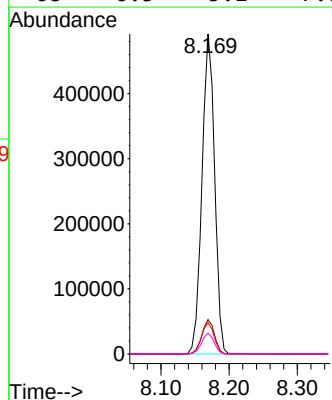
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	34.9	27.7	41.5

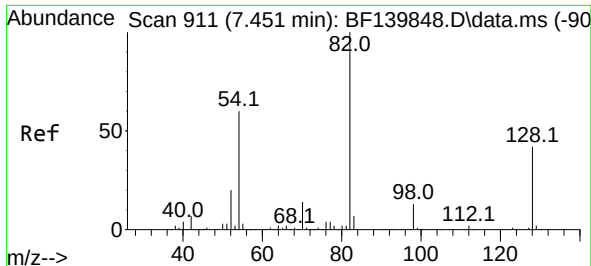


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion: 136 Resp: 633200

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	8.4	12.6
68	6.5	5.1	7.7

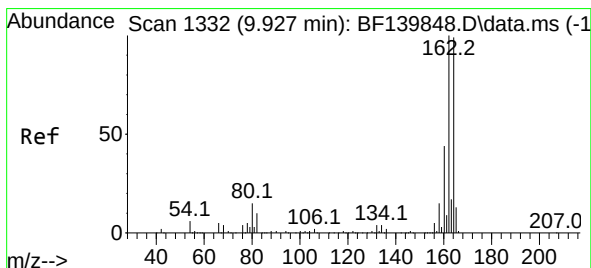
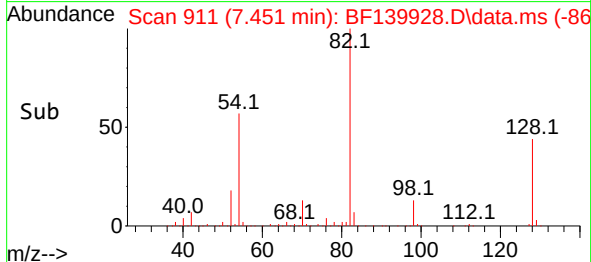
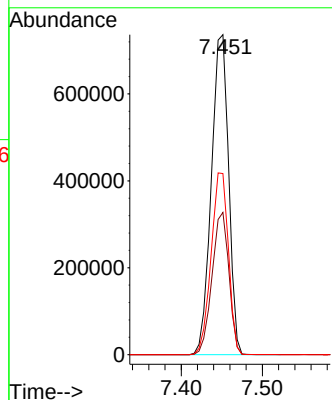
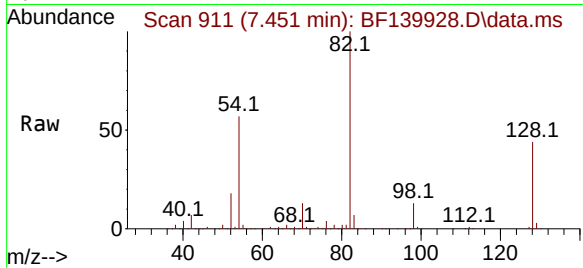




#23
Nitrobenzene-d5
Concen: 95.001 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

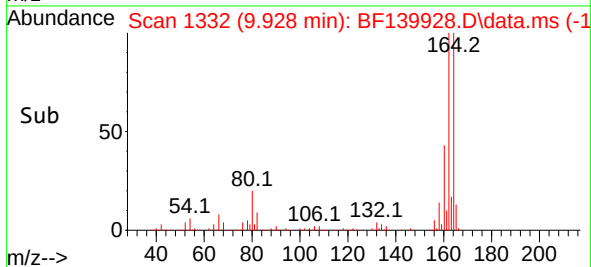
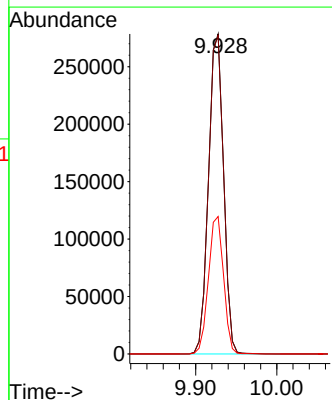
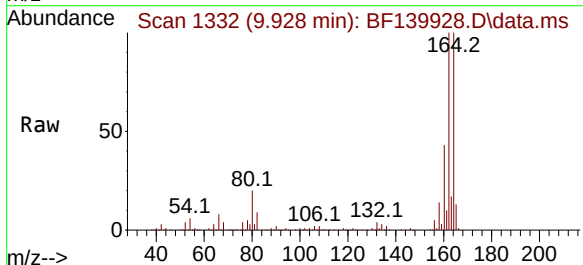
Instrument :
BNA_F
ClientSampleId :
PB164154BL

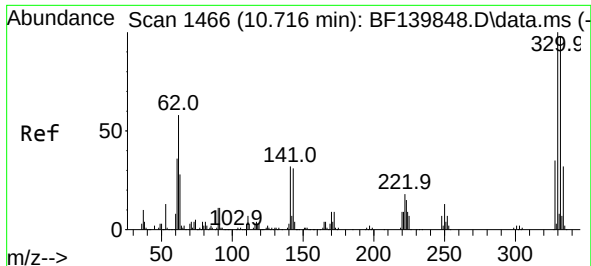
Tgt Ion: 82 Resp: 1085362
Ion Ratio Lower Upper
82 100
128 44.4 33.4 50.0
54 56.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion:164 Resp: 357885
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 43.0 35.4 53.0

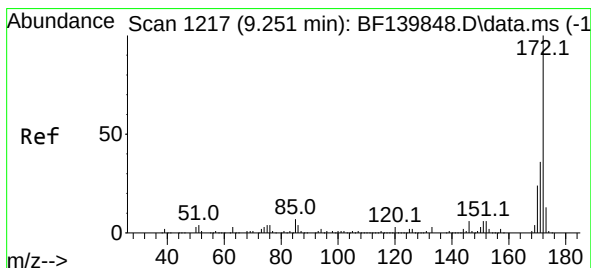
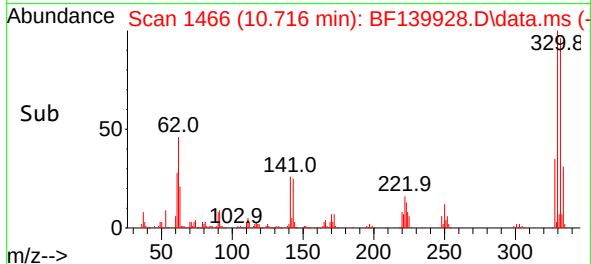
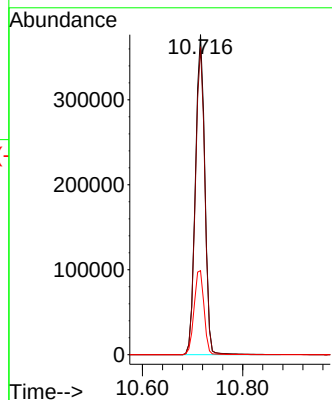
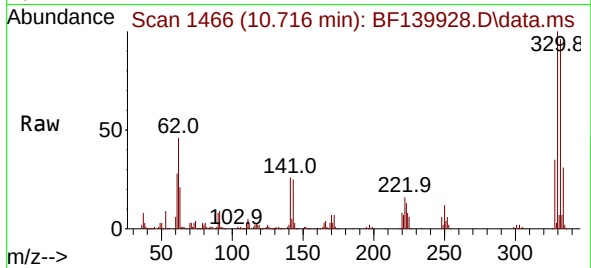




#42
2,4,6-Tribromophenol
Concen: 146.549 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

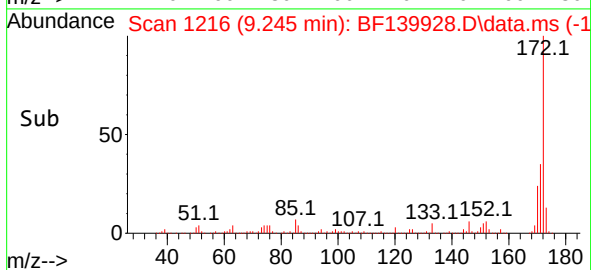
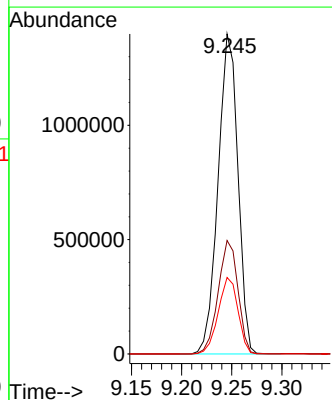
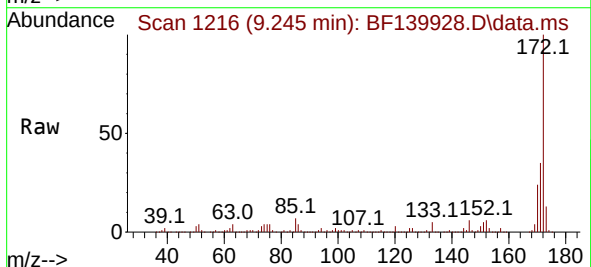
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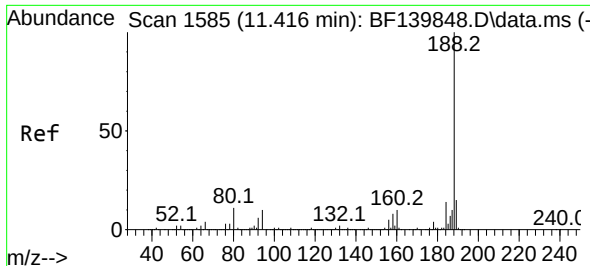
Tgt Ion: 330 Resp: 490579
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 27.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.883 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion: 172 Resp: 1924724
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 19.1 28.7

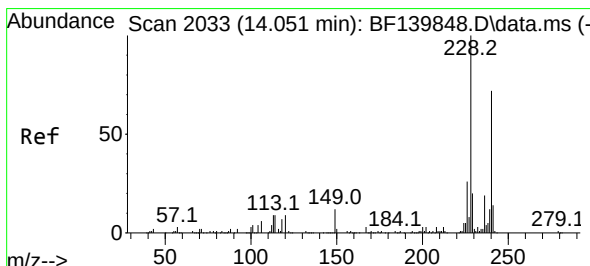
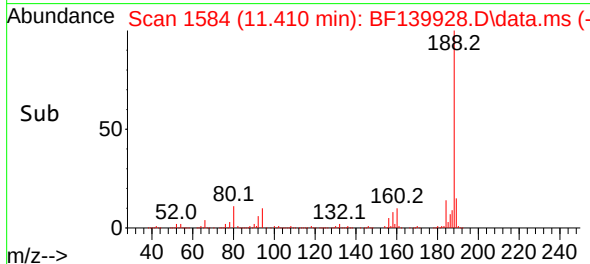
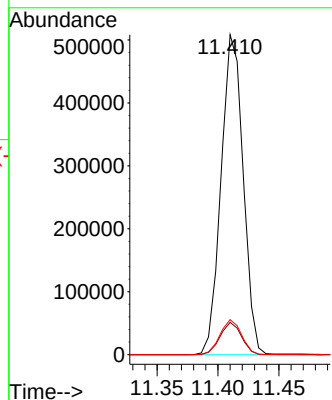
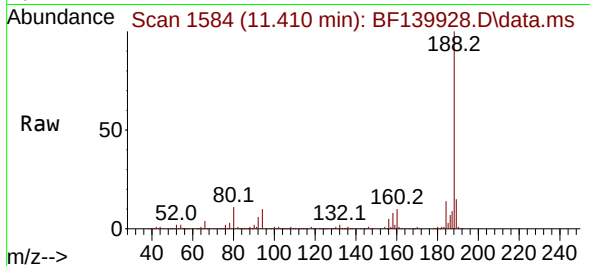




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

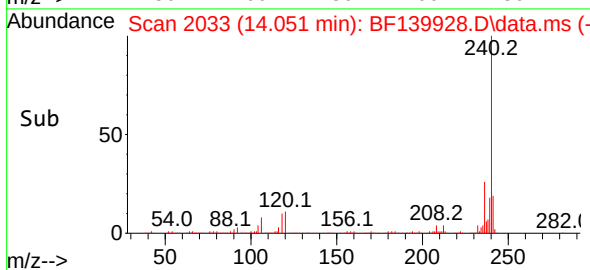
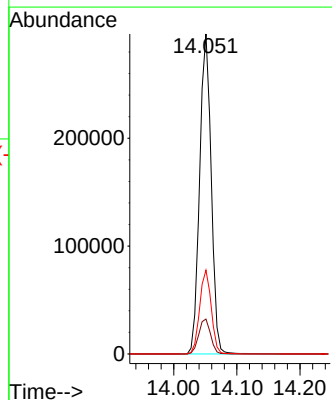
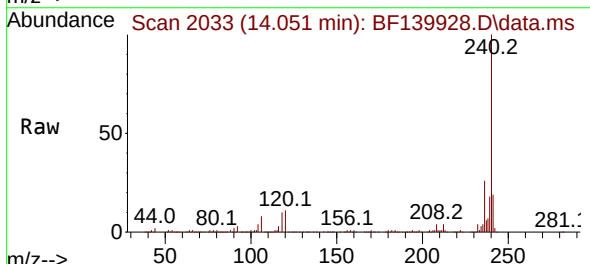
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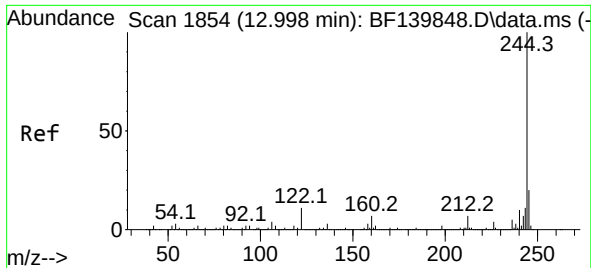
Tgt Ion:188 Resp: 642786
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion:240 Resp: 375705
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 20.9 31.3

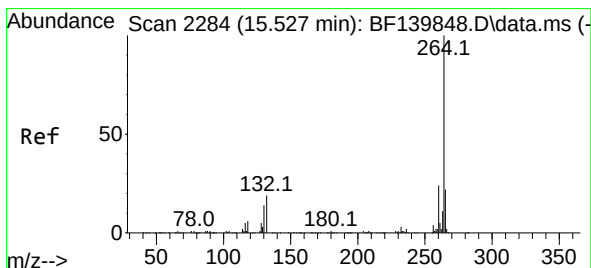
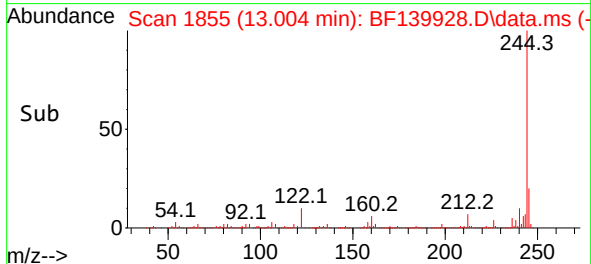
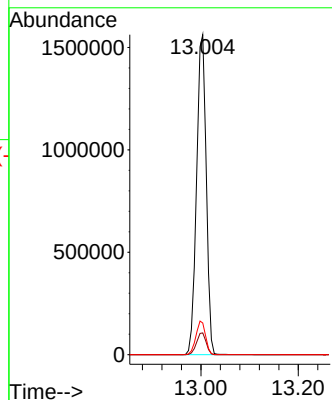
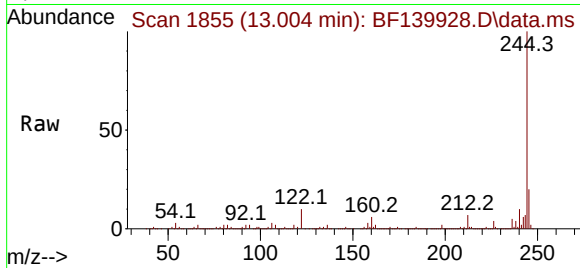




#79
 Terphenyl-d14
 Concen: 93.813 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139928.D
 Acq: 22 Oct 2024 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BL

Tgt Ion:244 Resp: 2163031
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 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: BF139928.D
 Acq: 22 Oct 2024 14:58

Tgt Ion:264 Resp: 319185
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

