

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139895.D
Acq On : 21 Oct 2024 11:27
Operator : RC/JU
Sample : P4425-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Oct 21 11:53:28 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	6.886	152	172570	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	652270	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	357349	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	601268	20.000	ng	0.00
76) Chrysene-d12	14.051	240	293972	20.000	ng	0.00
86) Perylene-d12	15.527	264	346085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	748132	67.868	ng	0.00
7) Phenol-d6	6.504	99	990920	69.406	ng	0.00
23) Nitrobenzene-d5	7.445	82	602171	51.167	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	221906	66.389	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1069128	49.446	ng	0.00
79) Terphenyl-d14	12.998	244	949052	52.606	ng	0.00

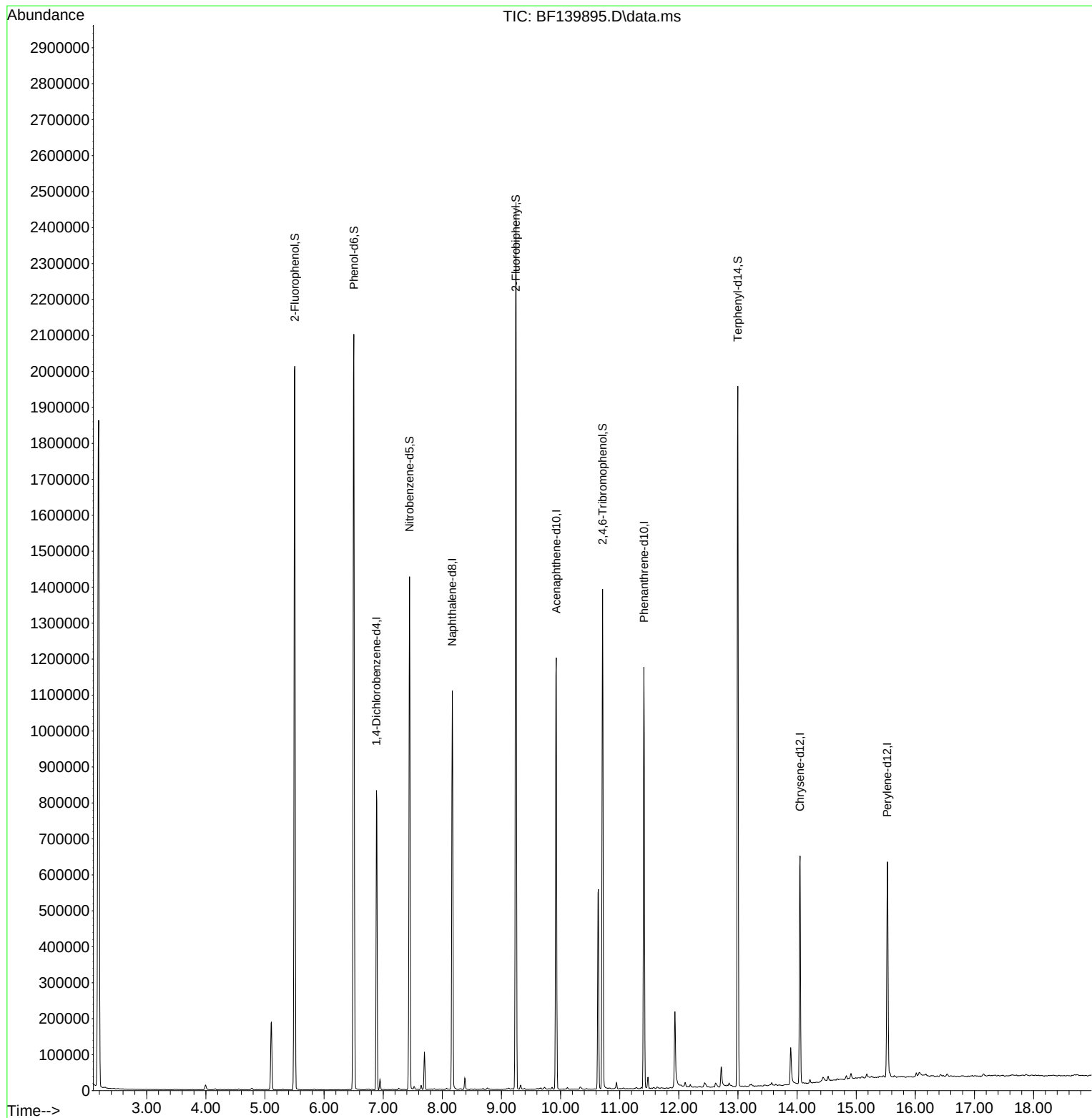
Target Compounds	Qvalue

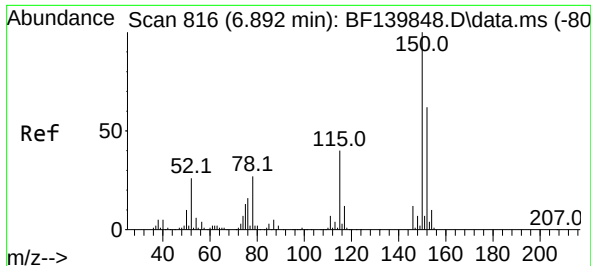
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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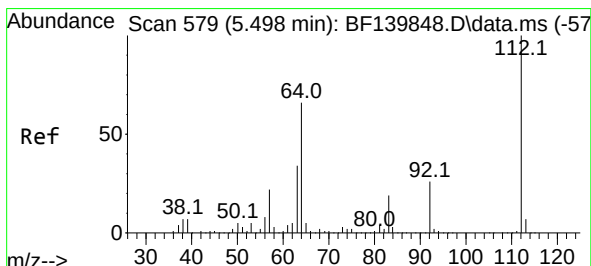
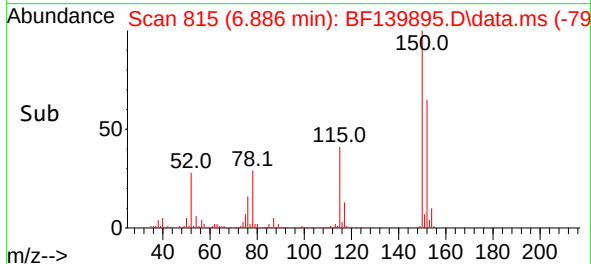
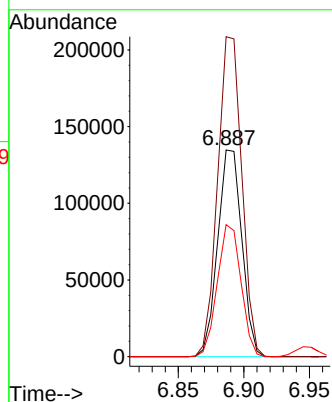
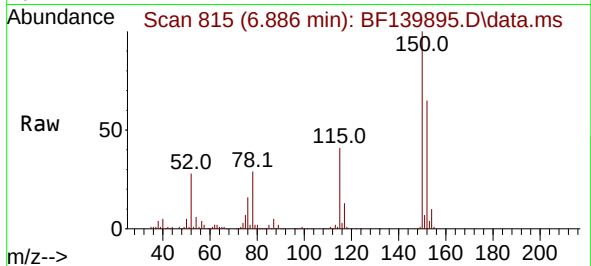




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

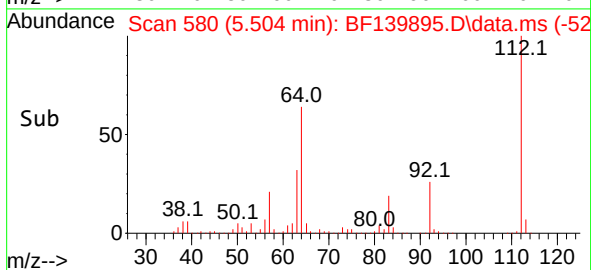
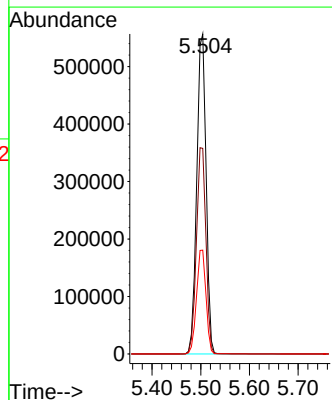
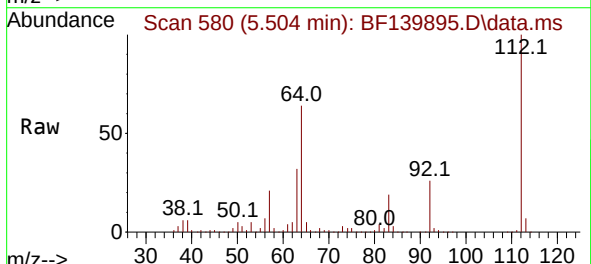
Instrument :
BNA_F
ClientSampleId :
TP-4

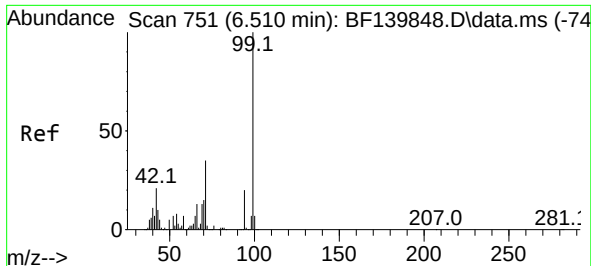
Tgt Ion:152 Resp: 172570
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 67.868 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

Tgt Ion:112 Resp: 748132
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 32.4 27.0 40.4

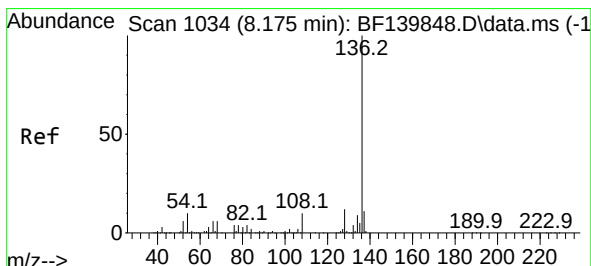
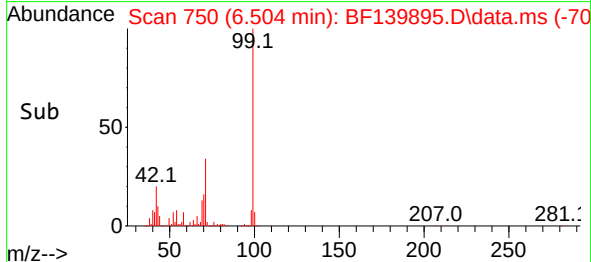
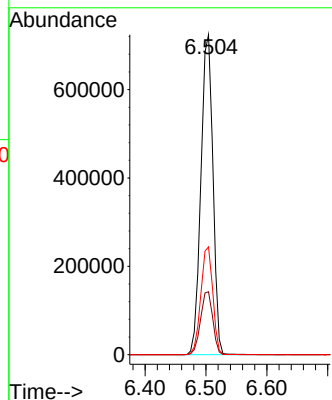
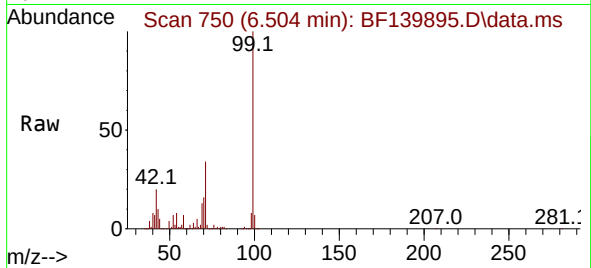




#7
Phenol-d6
Concen: 69.406 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

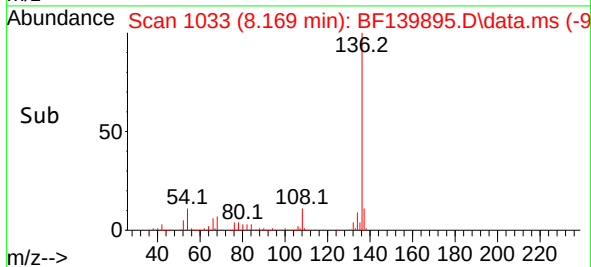
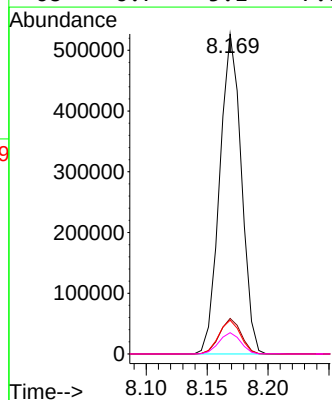
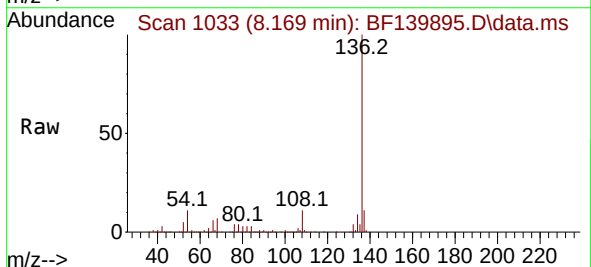
Instrument :
BNA_F
ClientSampleId :
TP-4

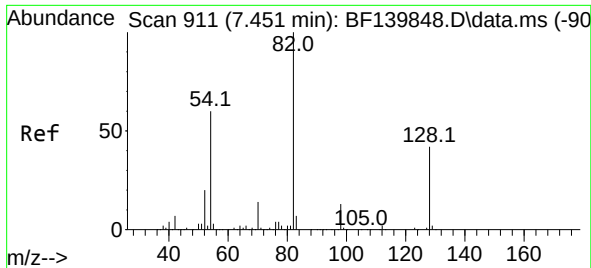
Tgt Ion: 99 Resp: 990920
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

Tgt Ion: 136 Resp: 652270
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.5 8.4 12.6
68 6.7 5.1 7.7

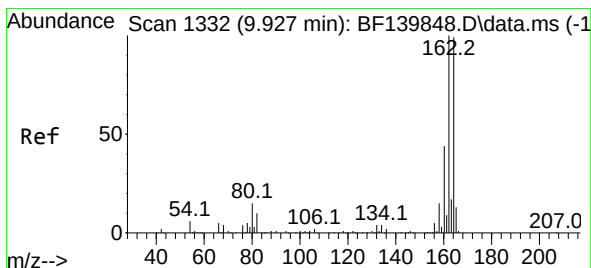
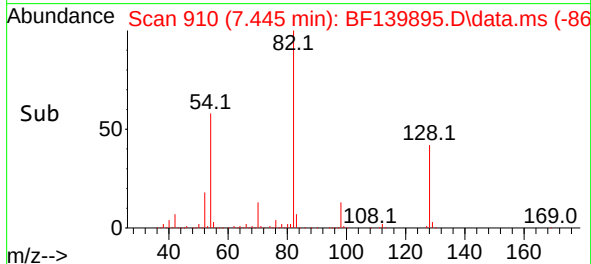
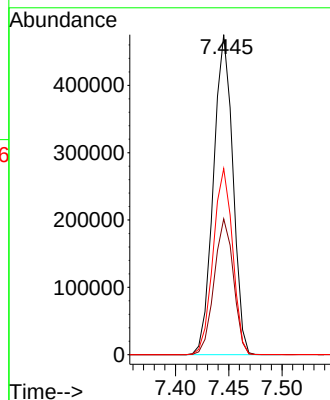
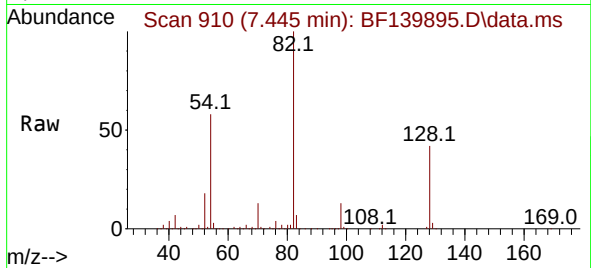




#23
Nitrobenzene-d5
Concen: 51.167 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

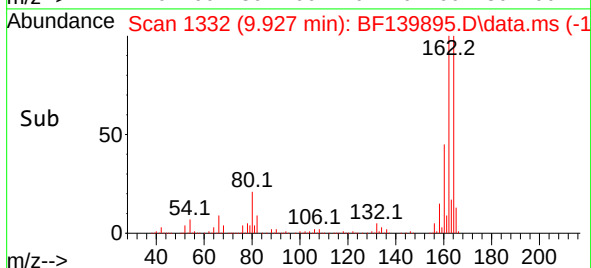
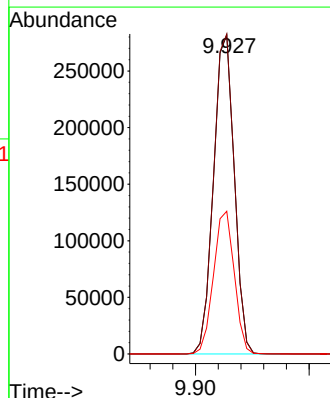
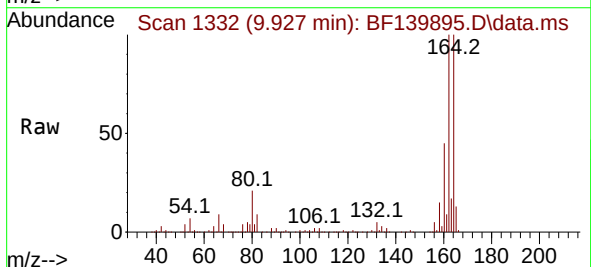
Instrument :
BNA_F
ClientSampleId :
TP-4

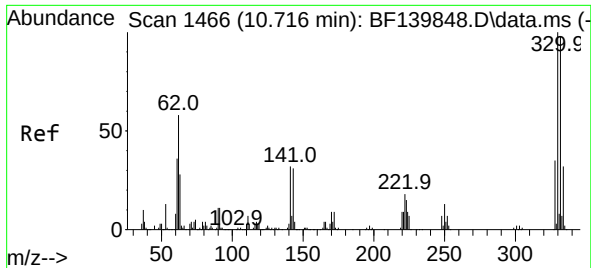
Tgt Ion: 82 Resp: 602171
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 58.1 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

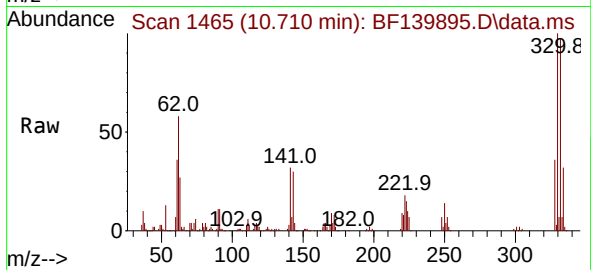
Tgt Ion:164 Resp: 357349
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.7 35.4 53.0



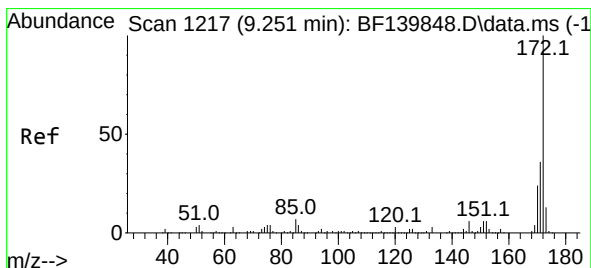
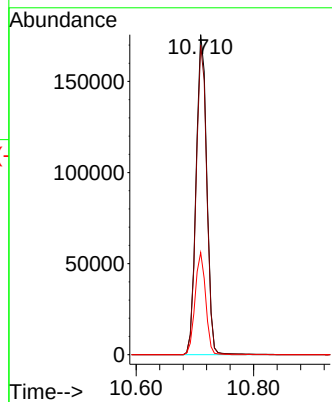
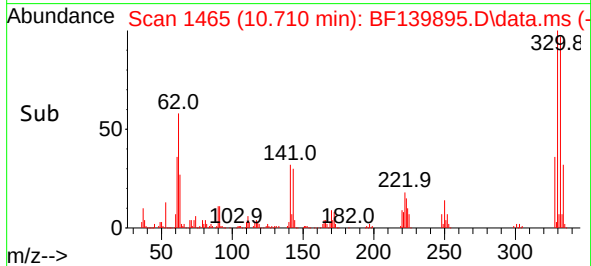


#42
2,4,6-Tribromophenol
Concen: 66.389 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

Instrument :
BNA_F
ClientSampleId :
TP-4

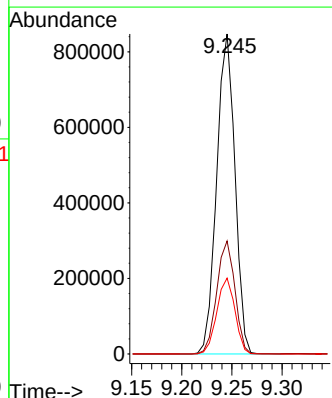
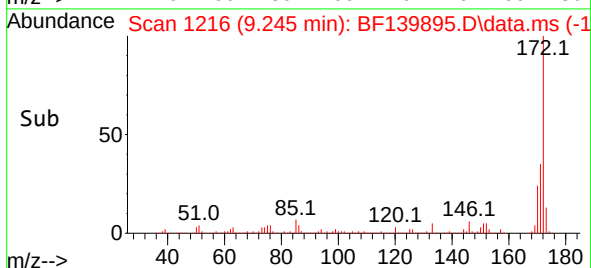
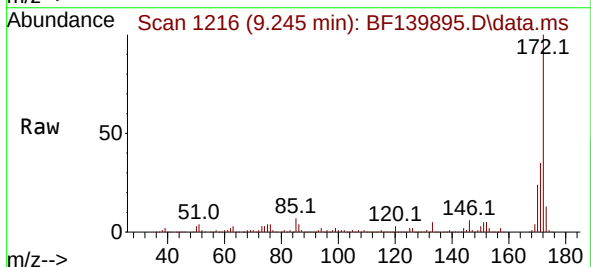


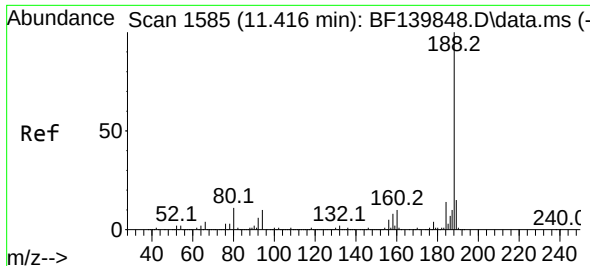
Tgt Ion:330 Resp: 221906
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 31.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 49.446 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

Tgt Ion:172 Resp: 1069128
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.1 28.7

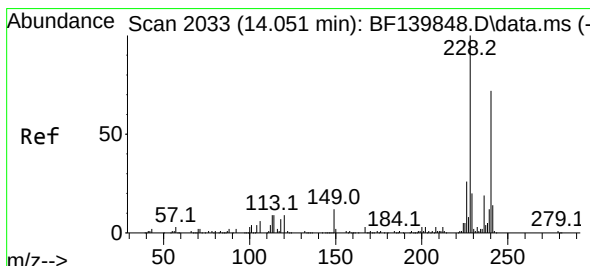
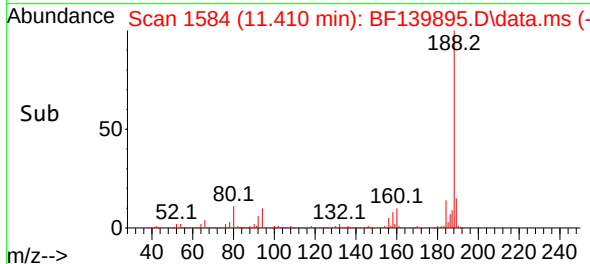
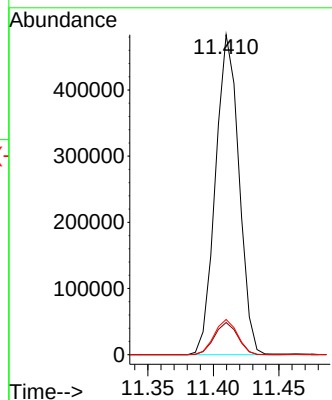
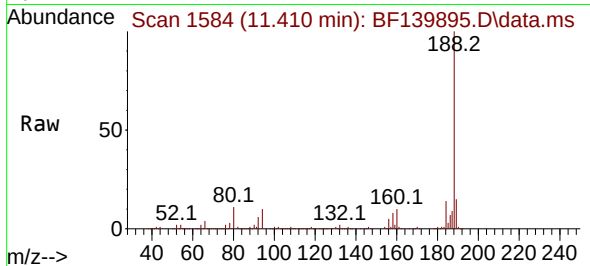




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

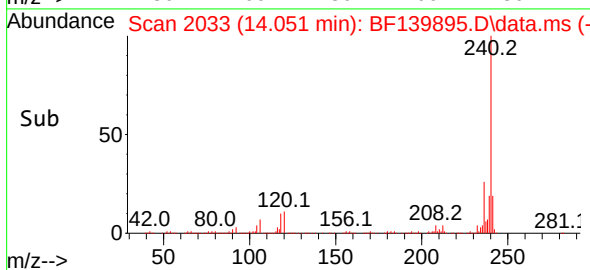
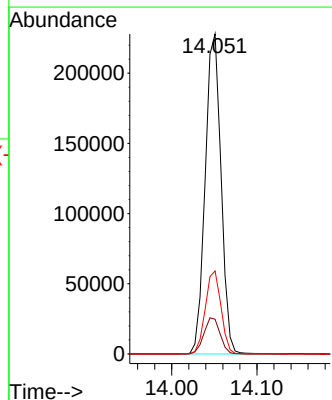
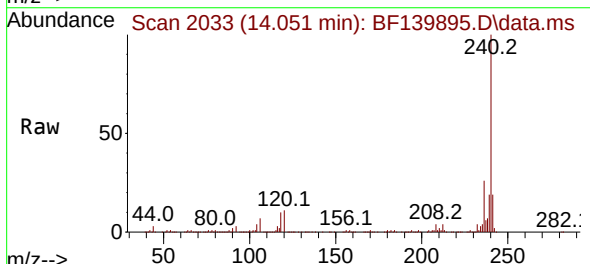
Instrument :
BNA_F
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TP-4

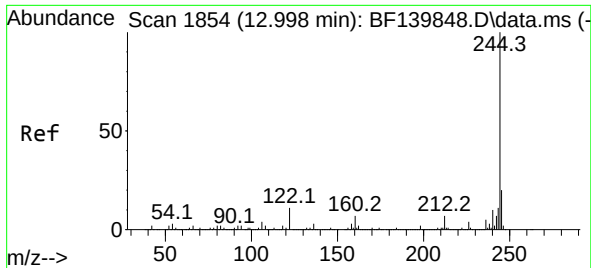
Tgt Ion:188 Resp: 601268
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139895.D
Acq: 21 Oct 2024 11:27

Tgt Ion:240 Resp: 293972
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.9 20.9 31.3

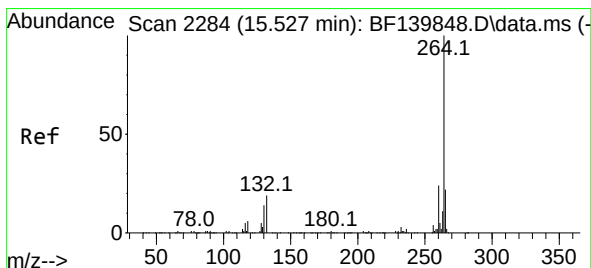
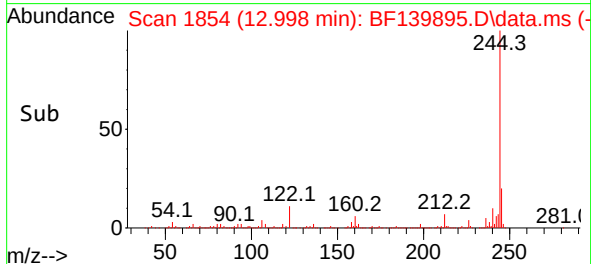
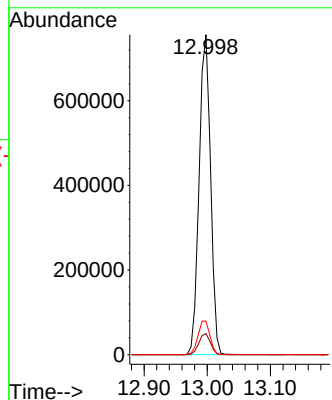
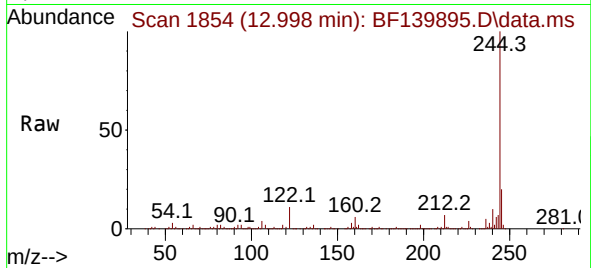




#79
 Terphenyl-d14
 Concen: 52.606 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139895.D
 Acq: 21 Oct 2024 11:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 949052
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.5 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: BF139895.D
 Acq: 21 Oct 2024 11:27

Tgt Ion:264 Resp: 346085
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.2 17.4 26.0

