

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139691.D
 Acq On : 07 Oct 2024 17:31
 Operator : RC/JU
 Sample : P4290-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4

Quant Time: Oct 07 17:56:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82067	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	308222	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	171878	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	339755	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207113	20.000	ng	0.00
86) Perylene-d12	15.498	264	168793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	504288	106.505	ng	0.00
7) Phenol-d6	6.498	99	670408	105.288	ng	0.00
23) Nitrobenzene-d5	7.428	82	437409	71.851	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	181665	109.489	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	817922	73.055	ng	0.00
79) Terphenyl-d14	12.974	244	960753	76.115	ng	0.00

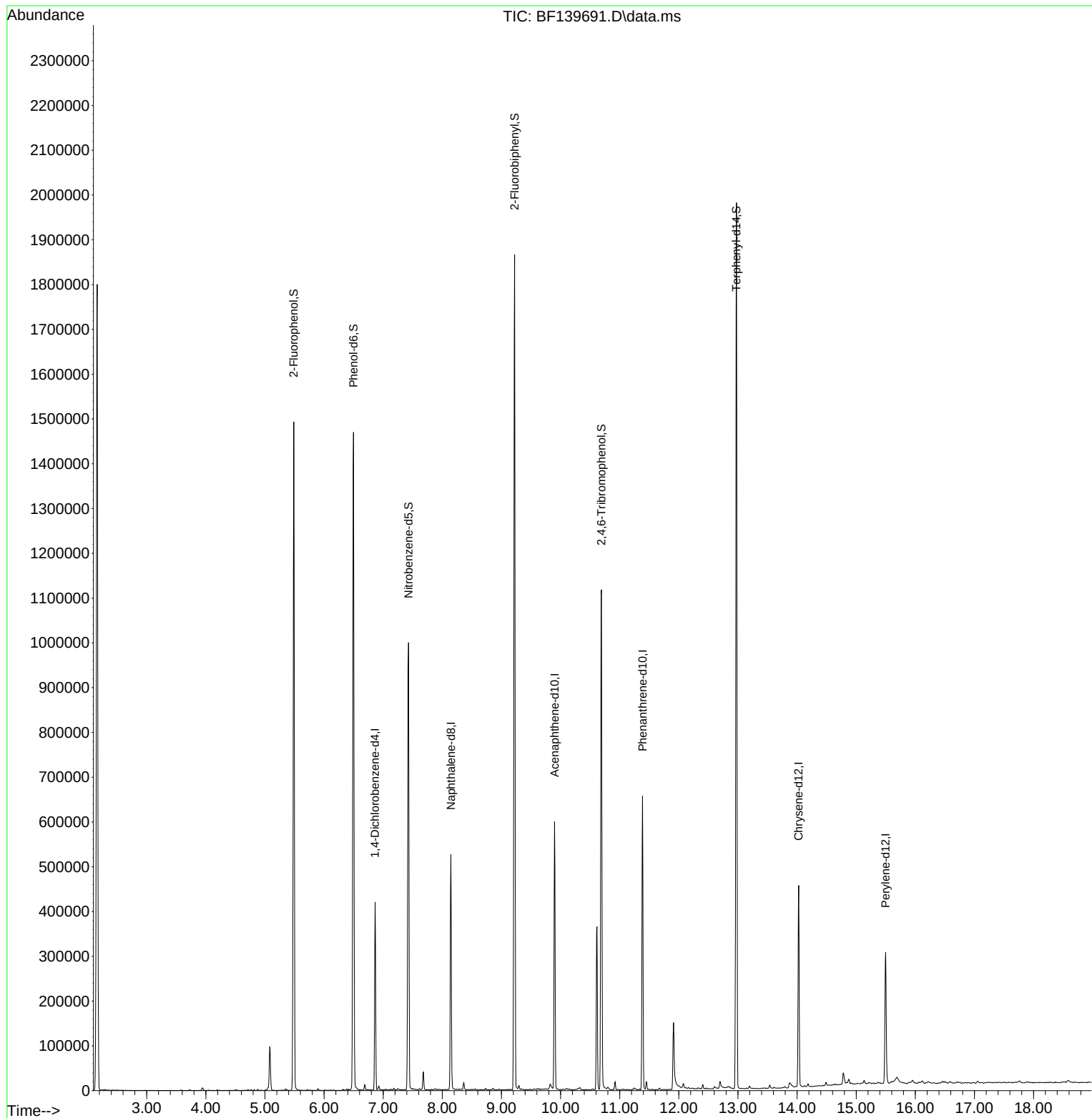
Target Compounds	Qvalue

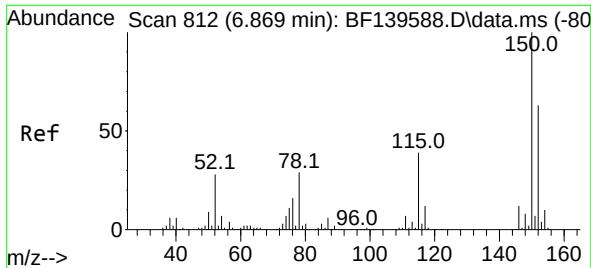
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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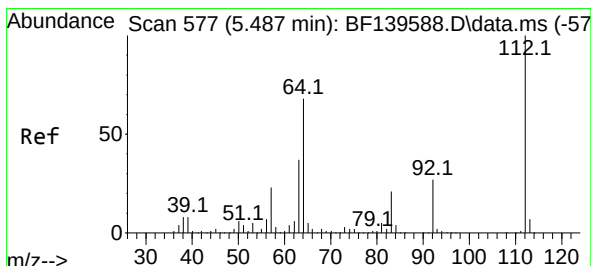
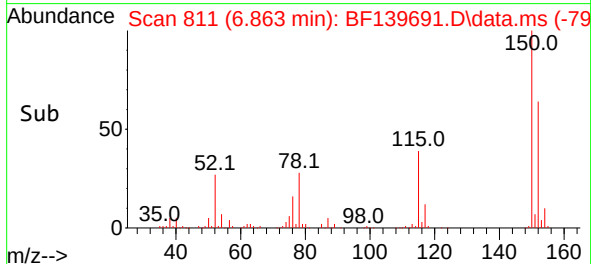
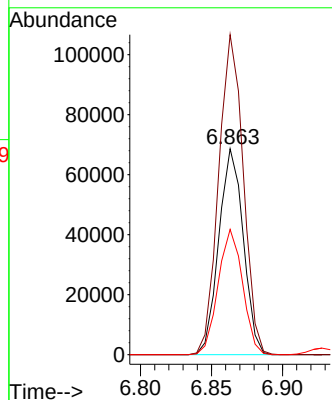
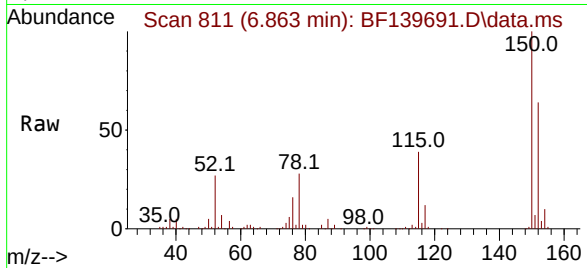




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

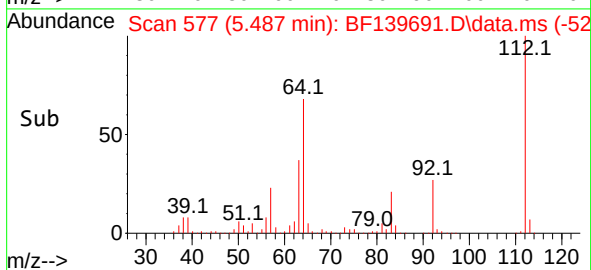
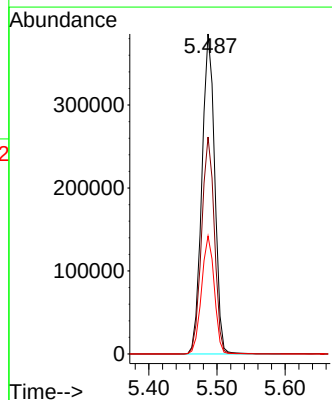
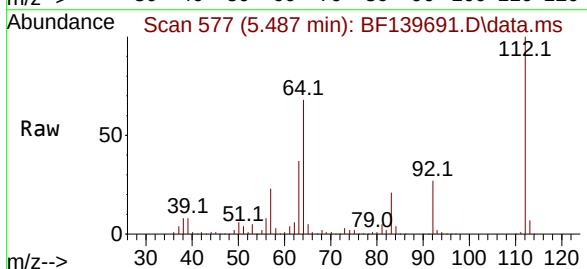
Instrument :
BNA_F
ClientSampleId :
IB-4

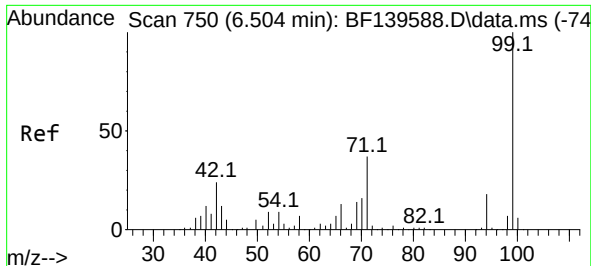
Tgt Ion:152 Resp: 82067
Ion Ratio Lower Upper
152 100
150 155.4 127.2 190.8
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 106.505 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

Tgt Ion:112 Resp: 504288
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 36.9 29.4 44.2

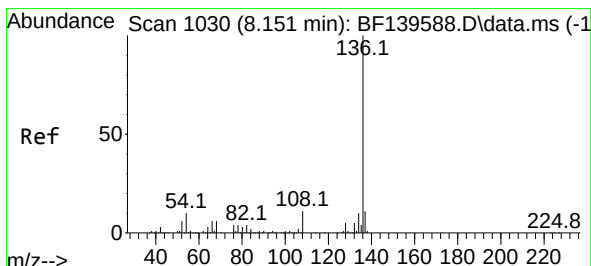
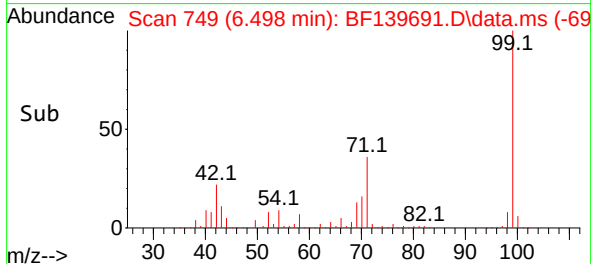
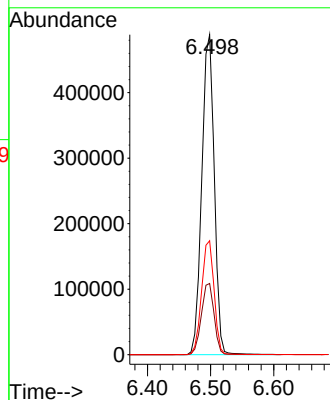
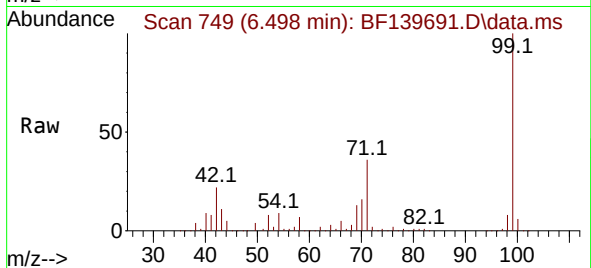




#7
Phenol-d6
Concen: 105.288 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

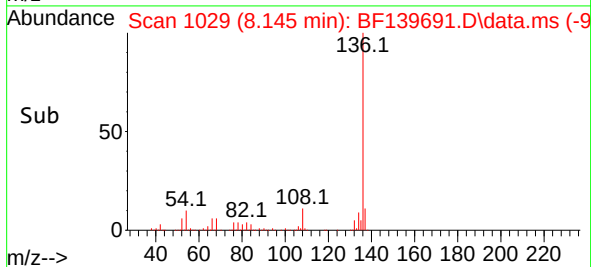
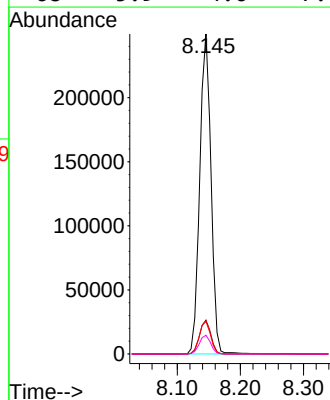
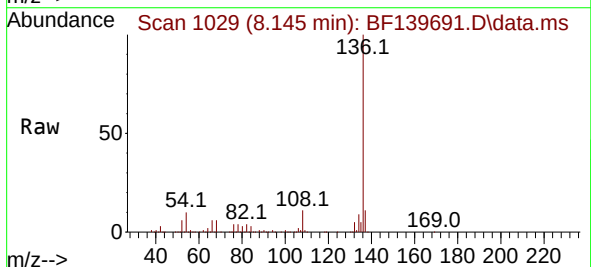
Instrument :
BNA_F
ClientSampleId :
IB-4

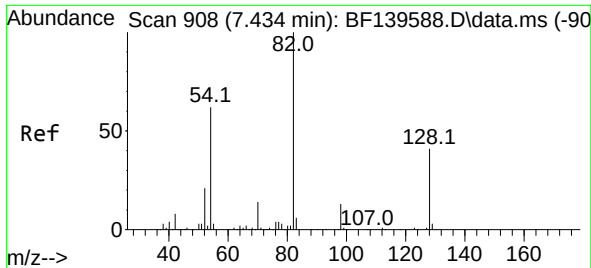
Tgt Ion: 99 Resp: 670408
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

Tgt Ion: 136 Resp: 308222
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.2 8.3 12.5
68 5.9 4.6 7.0

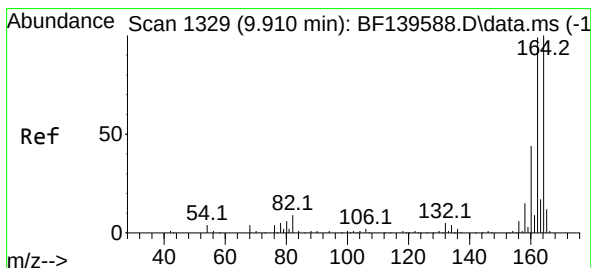
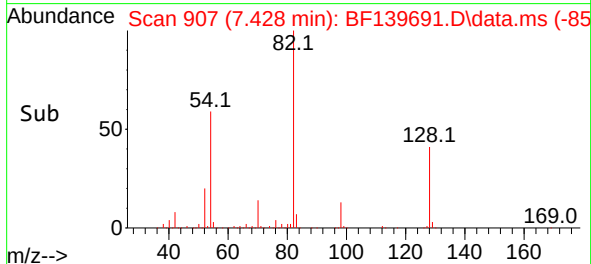
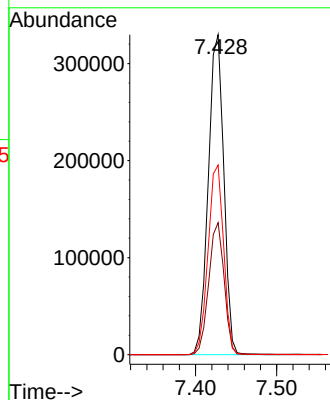
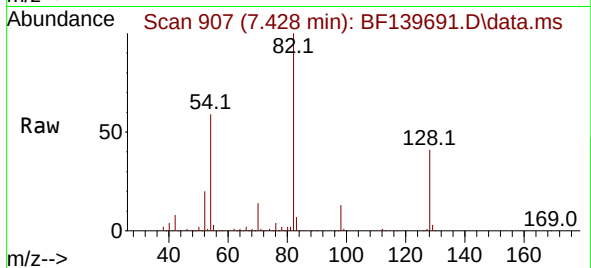




#23
Nitrobenzene-d5
Concen: 71.851 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

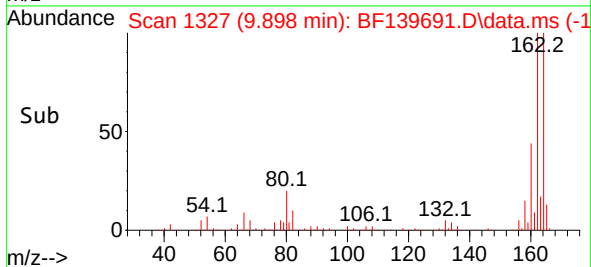
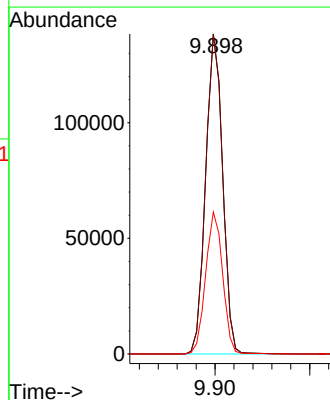
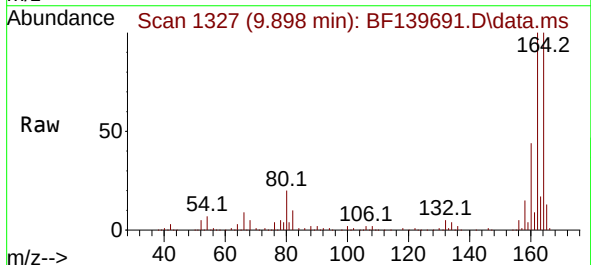
Instrument :
BNA_F
ClientSampleId :
IB-4

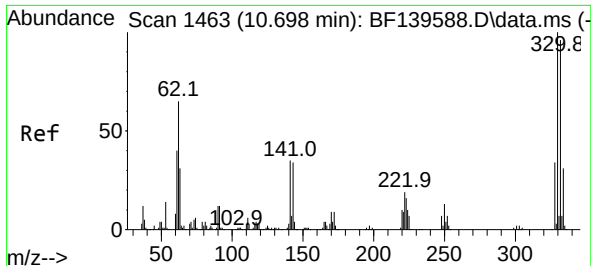
Tgt Ion: 82 Resp: 437409
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 59.2 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

Tgt Ion:164 Resp: 171878
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.4 35.1 52.7

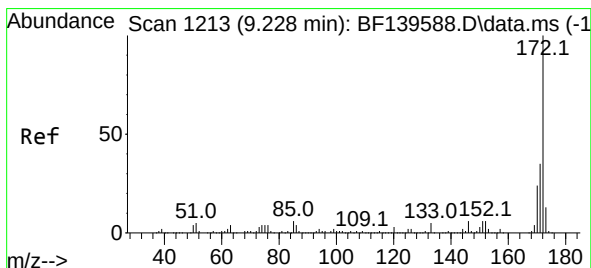
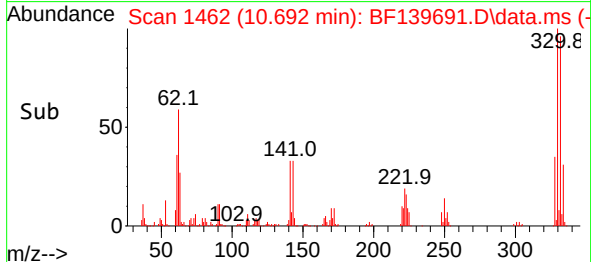
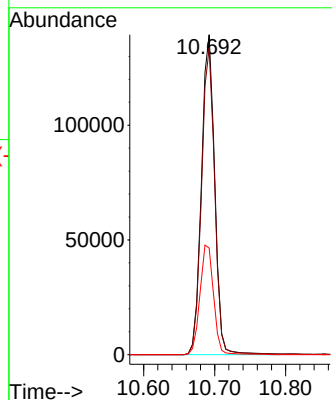
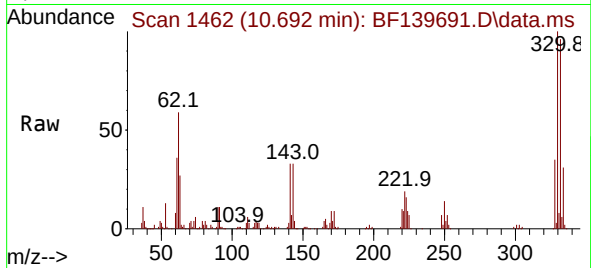




#42
2,4,6-Tribromophenol
Concen: 109.489 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

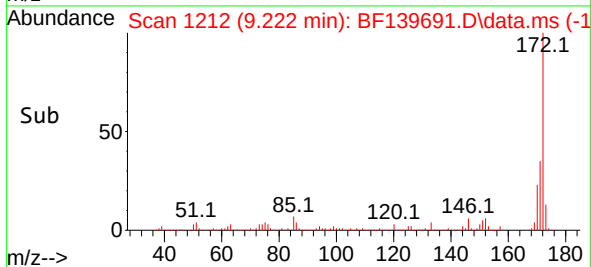
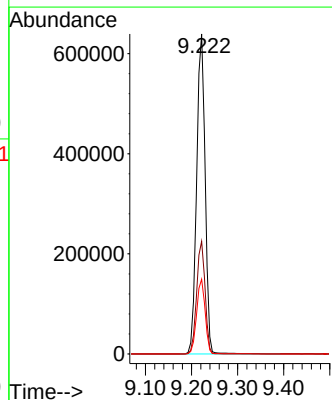
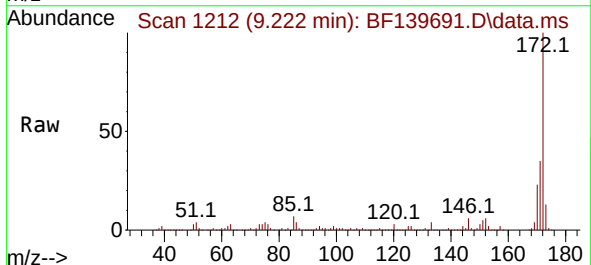
Instrument :
BNA_F
ClientSampleId :
IB-4

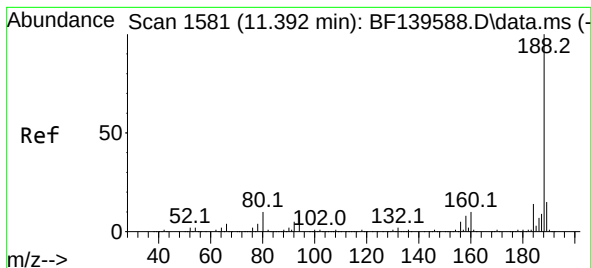
Tgt Ion:330 Resp: 181665
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 35.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 73.055 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139691.D
Acq: 07 Oct 2024 17:31

Tgt Ion:172 Resp: 817922
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139691.D

Acq: 07 Oct 2024 17:31

Instrument :

BNA_F

ClientSampleId :

IB-4

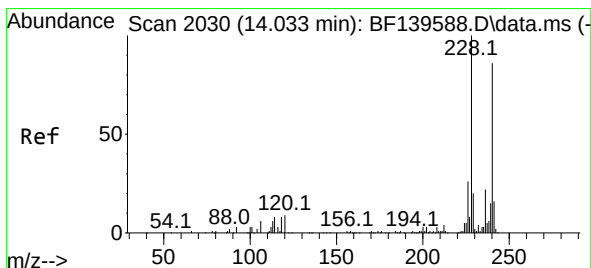
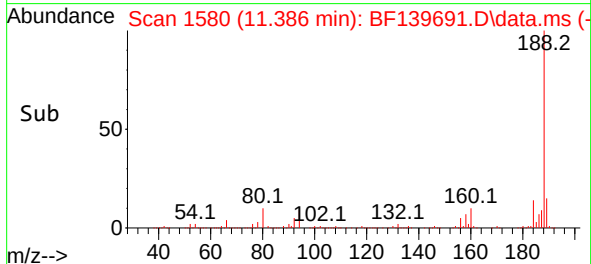
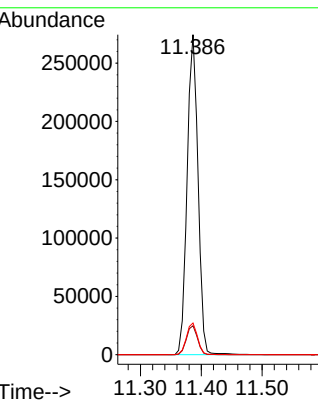
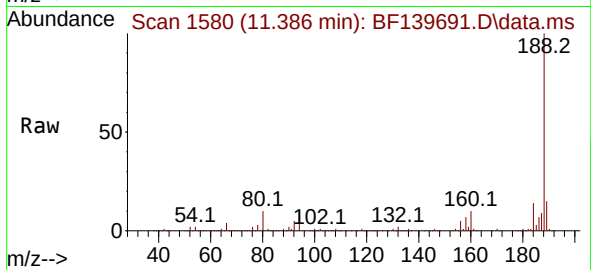
Tgt Ion:188 Resp: 339755

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139691.D

Acq: 07 Oct 2024 17:31

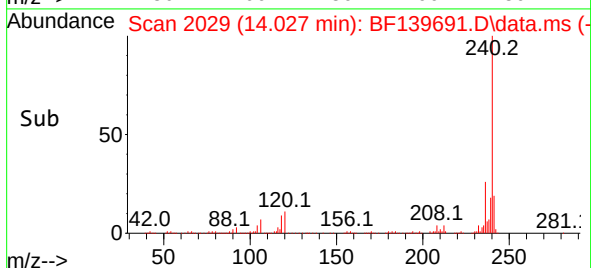
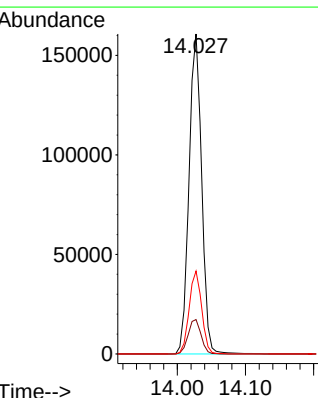
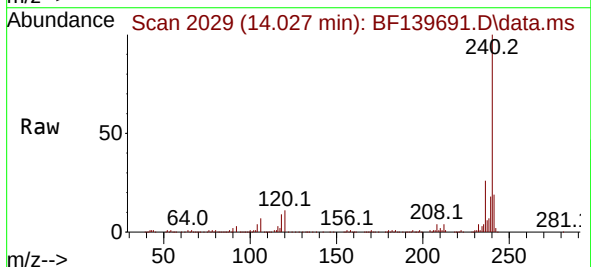
Tgt Ion:240 Resp: 207113

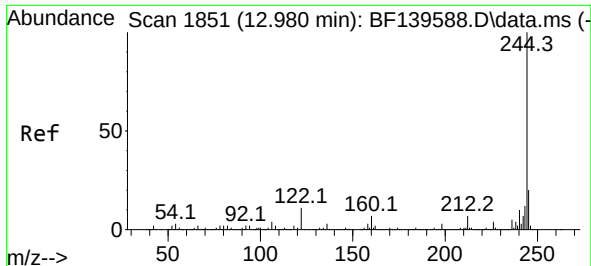
Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 25.9 20.3 30.5

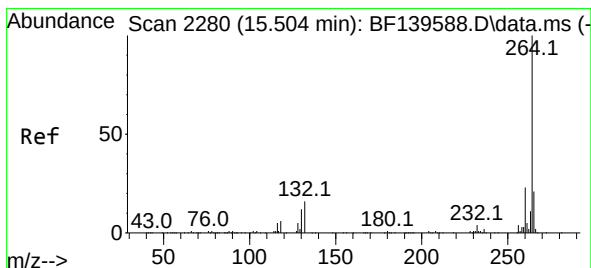
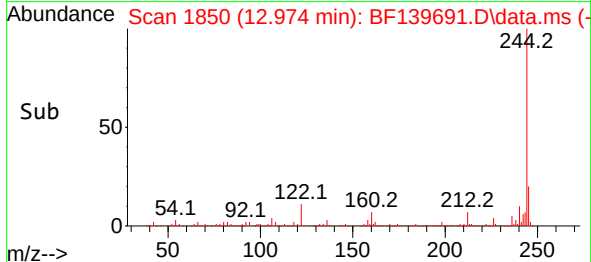
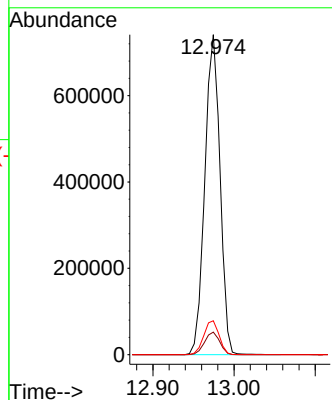
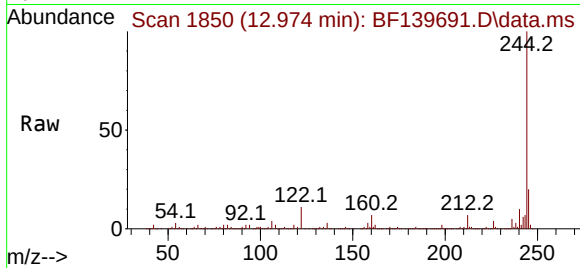




#79
 Terphenyl-d14
 Concen: 76.115 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139691.D
 Acq: 07 Oct 2024 17:31

Instrument :
 BNA_F
 ClientSampleId :
 IB-4

Tgt Ion:244 Resp: 960753
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139691.D
 Acq: 07 Oct 2024 17:31

Tgt Ion:264 Resp: 168793
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.3 16.9 25.3

