

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139983.D
 Acq On : 24 Oct 2024 00:11
 Operator : RC/JU
 Sample : P4385-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Quant Time: Oct 24 01:14:17 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)

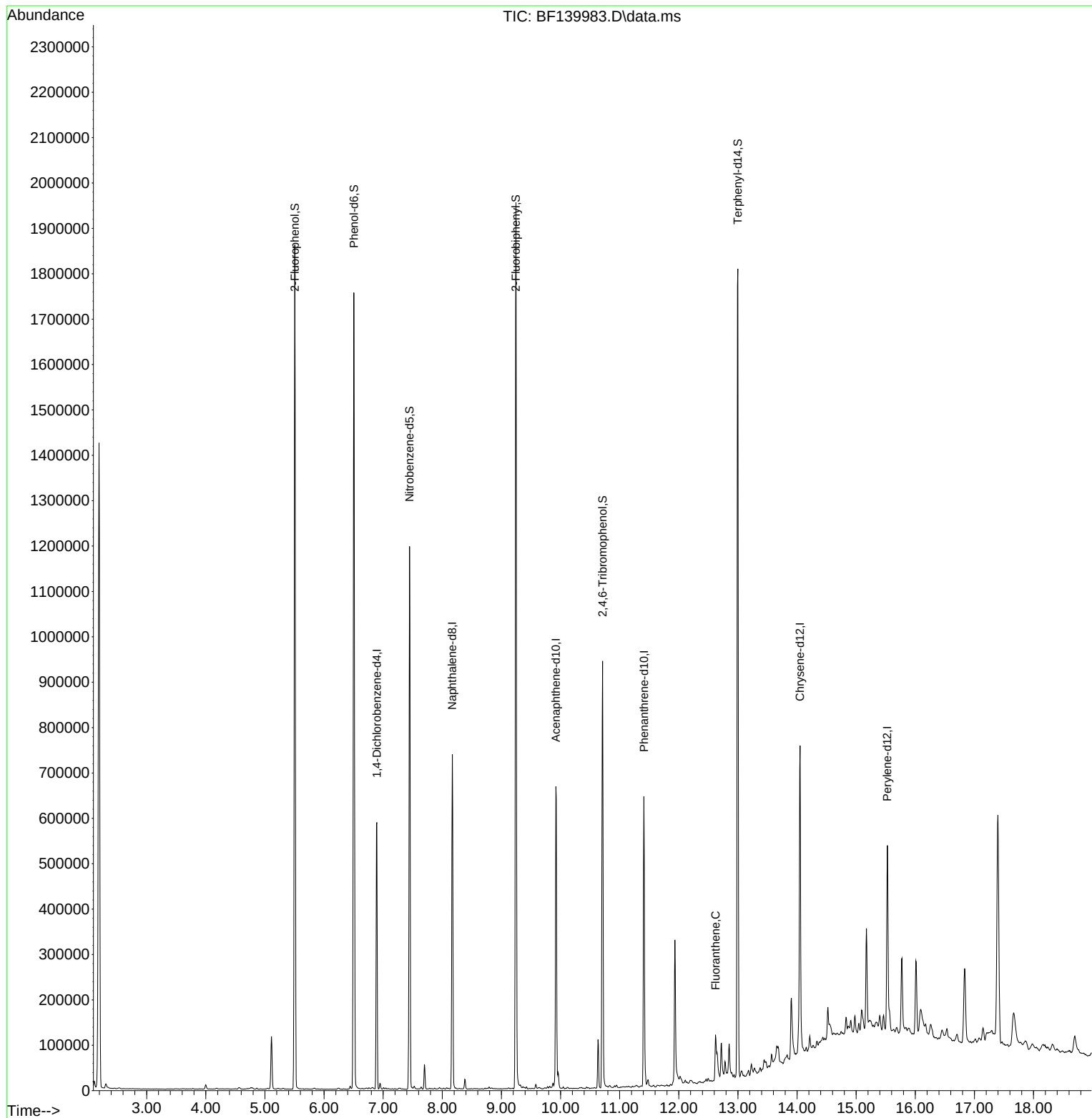
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	123541	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	443226	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204877	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329287	20.000	ng	0.00
76) Chrysene-d12	14.051	240	309239	20.000	ng	0.00
86) Perylene-d12	15.527	264	243467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	672806	85.257	ng	0.00
7) Phenol-d6	6.504	99	817192	79.954	ng	0.00
23) Nitrobenzene-d5	7.445	82	507754	63.493	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157566	82.222	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	875016	70.586	ng	0.00
79) Terphenyl-d14	12.998	244	909509	47.925	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	39498	2.512	ng	Qvalue 98

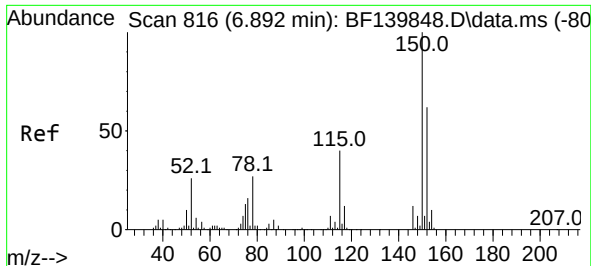
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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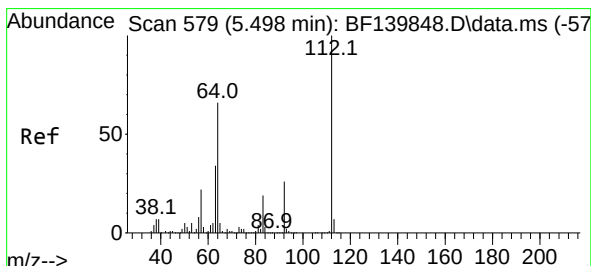
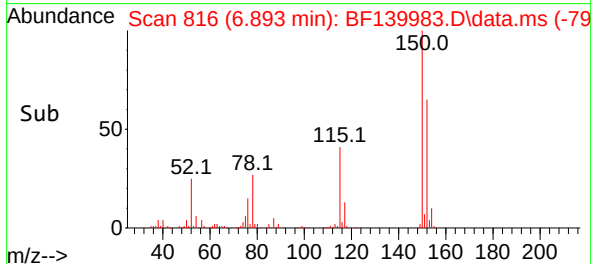
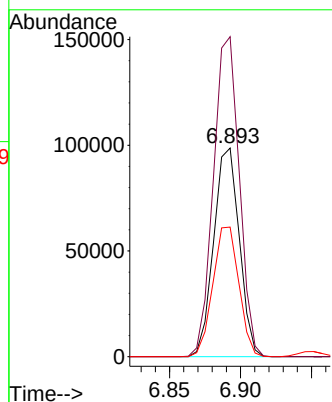
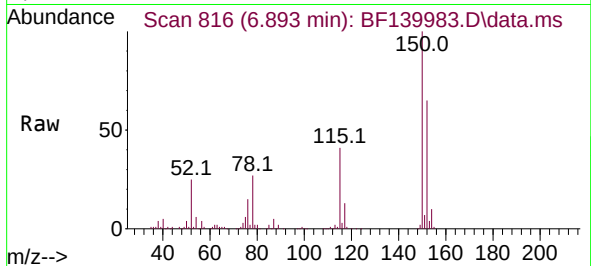




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

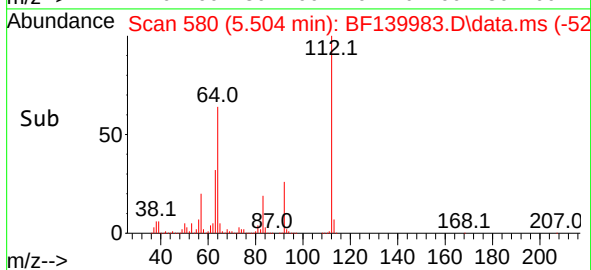
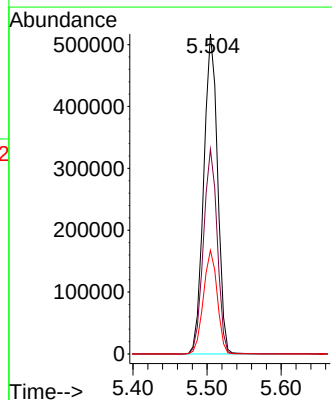
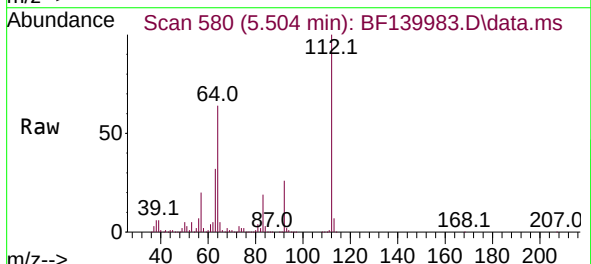
Instrument :
BNA_F
ClientSampleId :
SP-7

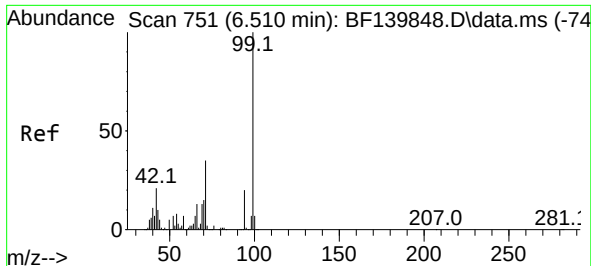
Tgt Ion:152 Resp: 123541
Ion Ratio Lower Upper
152 100
150 153.4 130.2 195.2
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 85.257 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

Tgt Ion:112 Resp: 672806
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 32.4 27.0 40.4

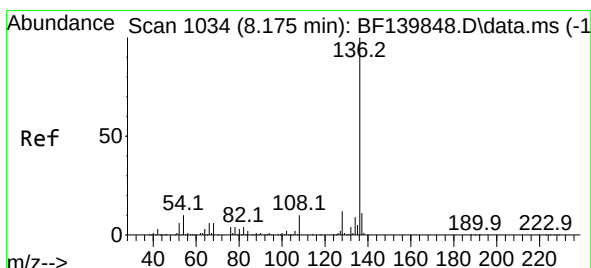
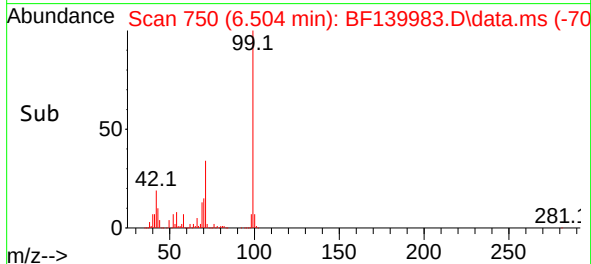
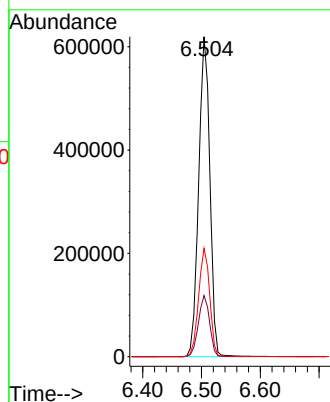
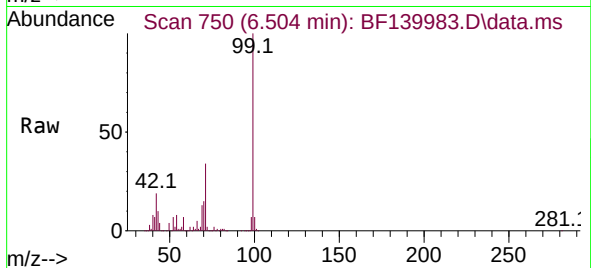




#7
Phenol-d6
Concen: 79.954 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

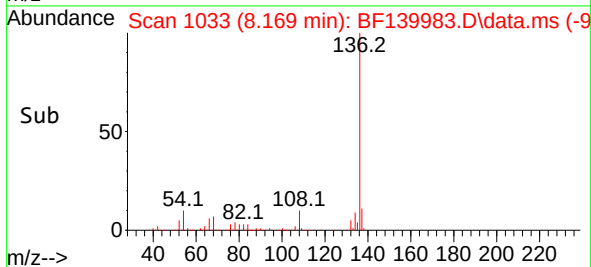
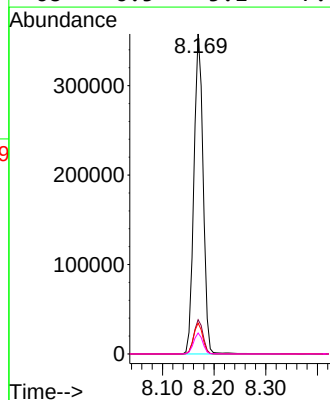
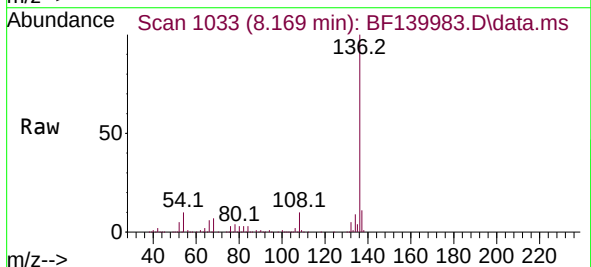
Instrument :
BNA_F
ClientSampleId :
SP-7

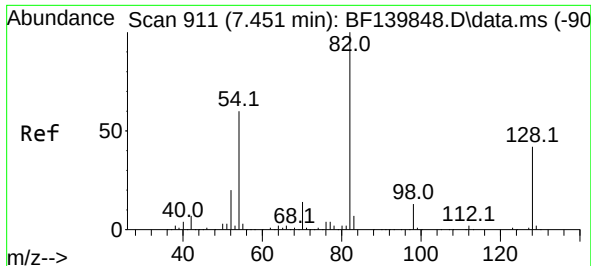
Tgt Ion: 99 Resp: 817192
Ion Ratio Lower Upper
99 100
42 19.1 16.7 25.1
71 33.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

Tgt Ion: 136 Resp: 443226
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.4 12.6
68 6.5 5.1 7.7

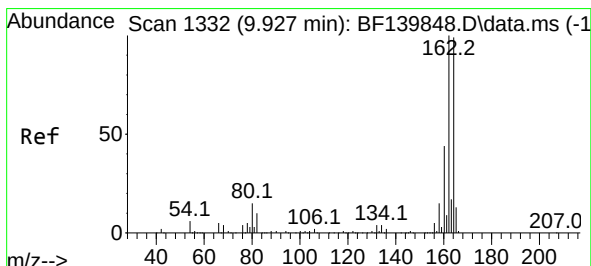
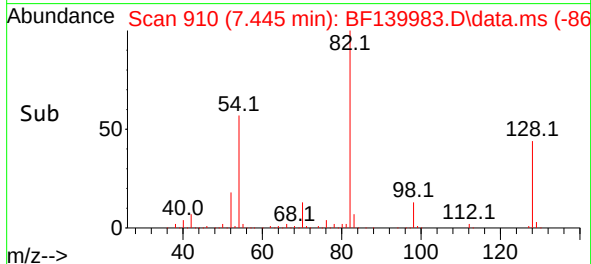
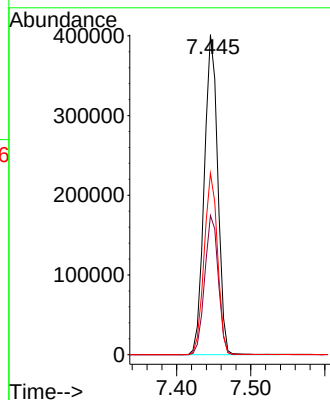
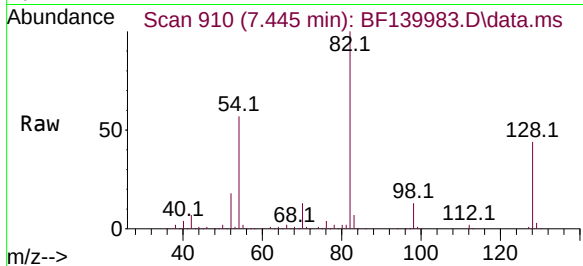




#23
Nitrobenzene-d5
Concen: 63.493 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

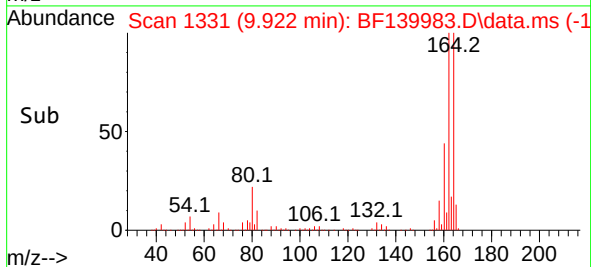
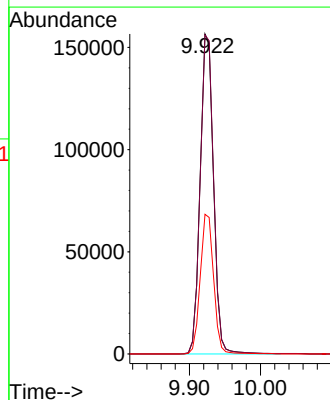
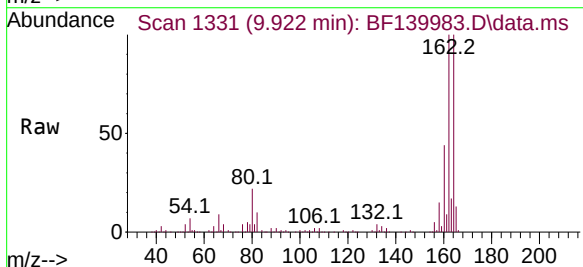
Instrument :
BNA_F
ClientSampleId :
SP-7

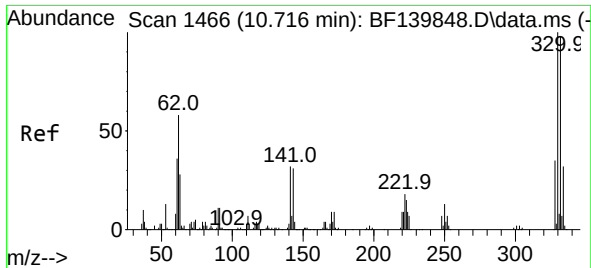
Tgt Ion: 82 Resp: 507754
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.0
54 56.7 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

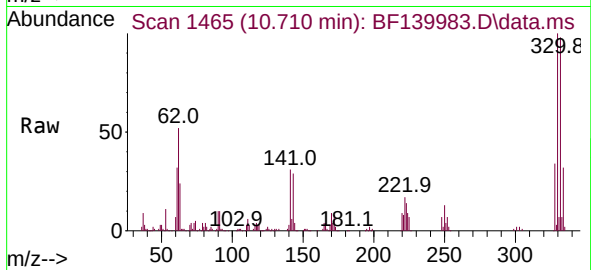
Tgt Ion:164 Resp: 204877
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 43.7 35.4 53.0



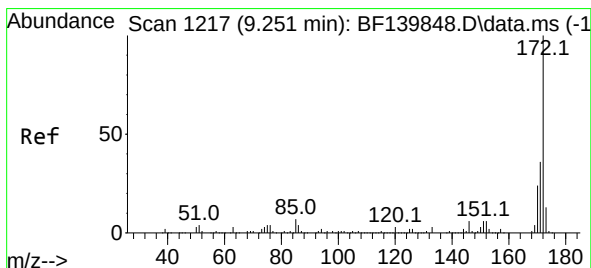
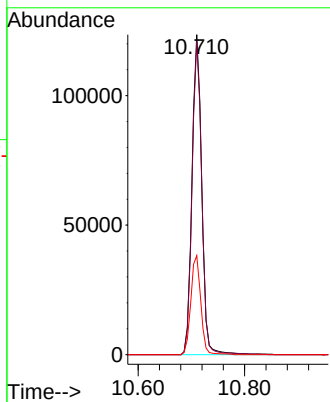
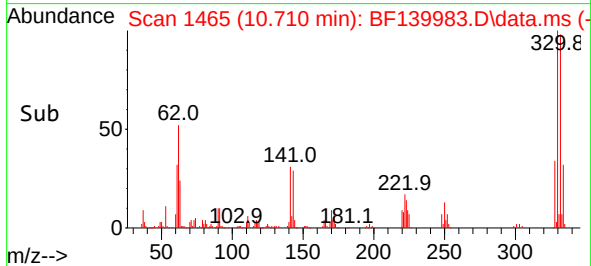


#42
2,4,6-Tribromophenol
Concen: 82.222 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

Instrument :
BNA_F
ClientSampleId :
SP-7

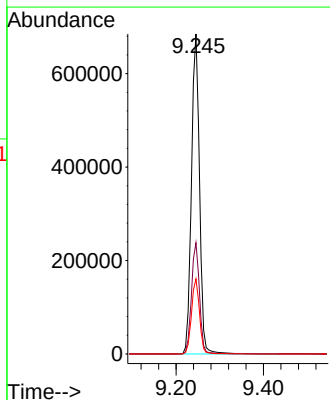
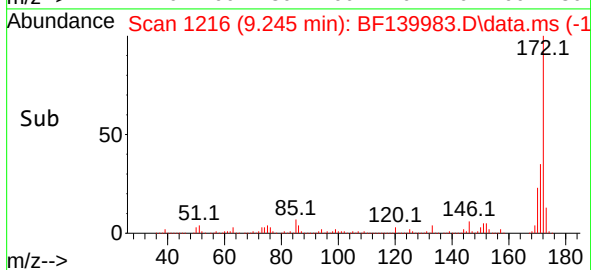
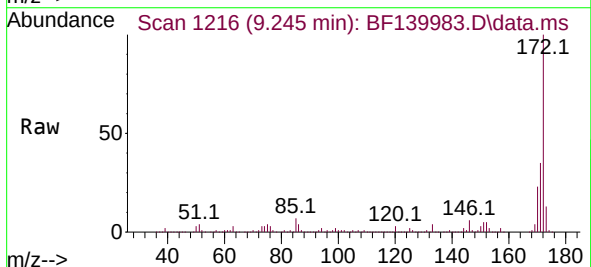


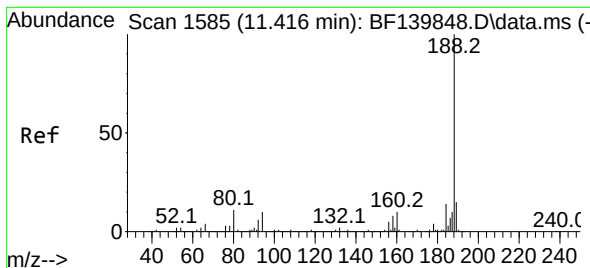
Tgt Ion:330 Resp: 157566
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 31.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 70.586 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139983.D
Acq: 24 Oct 2024 00:11

Tgt Ion:172 Resp: 875016
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139983.D

Acq: 24 Oct 2024 00:11

Instrument :

BNA_F

ClientSampleId :

SP-7

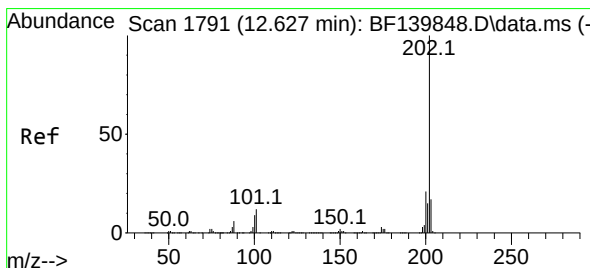
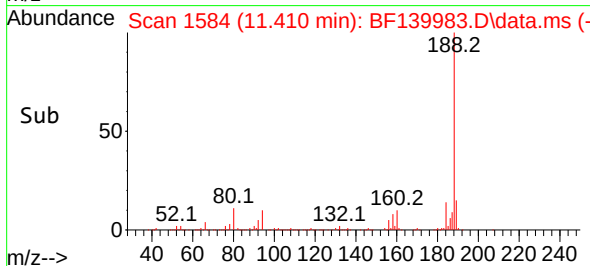
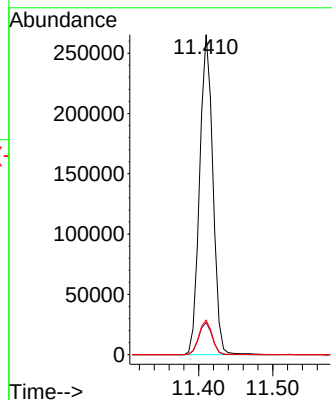
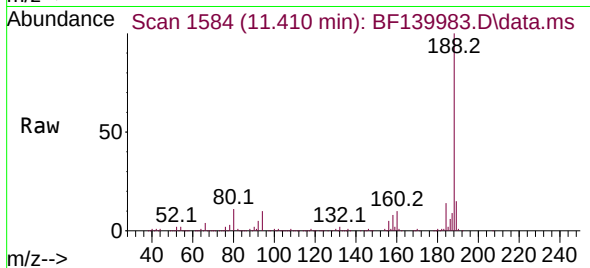
Tgt Ion:188 Resp: 329287

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 9.0 13.4



#75

Fluoranthene

Concen: 2.512 ng

RT: 12.622 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BF139983.D

Acq: 24 Oct 2024 00:11

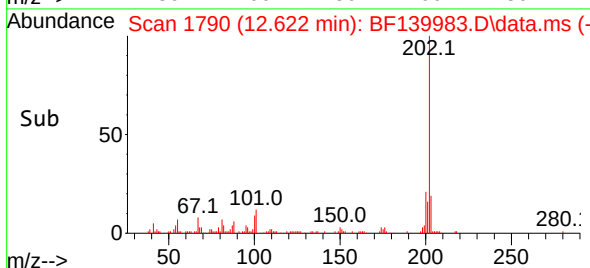
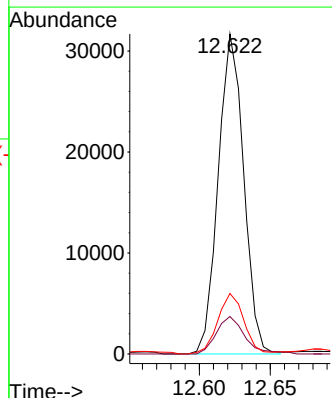
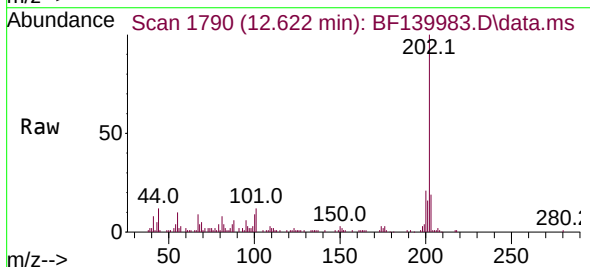
Tgt Ion:202 Resp: 39498

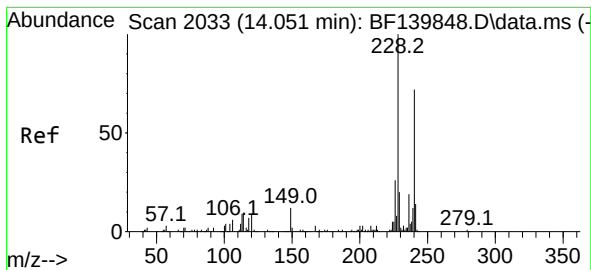
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 18.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139983.D

Acq: 24 Oct 2024 00:11

Instrument :

BNA_F

ClientSampleId :

SP-7

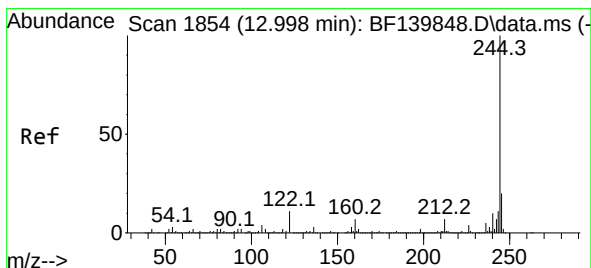
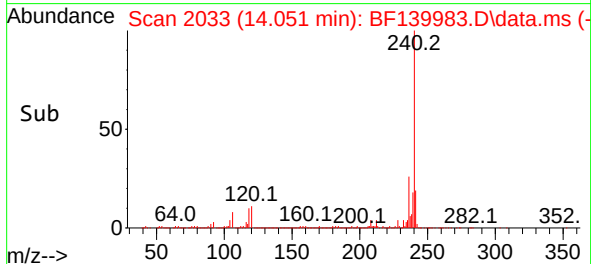
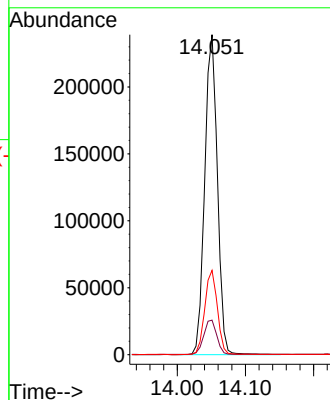
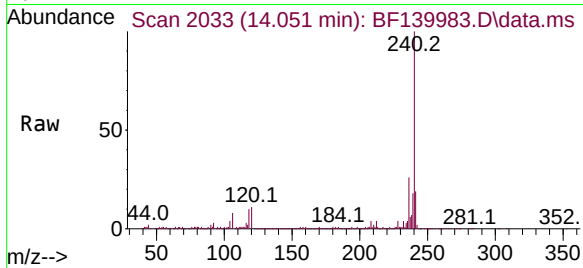
Tgt Ion:240 Resp: 309239

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 47.925 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139983.D

Acq: 24 Oct 2024 00:11

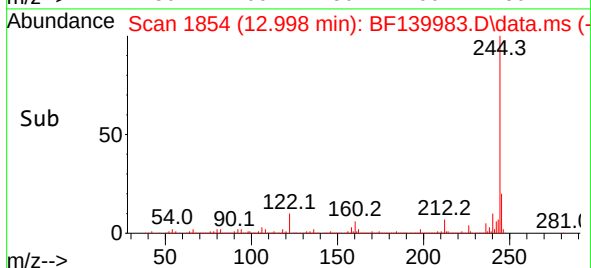
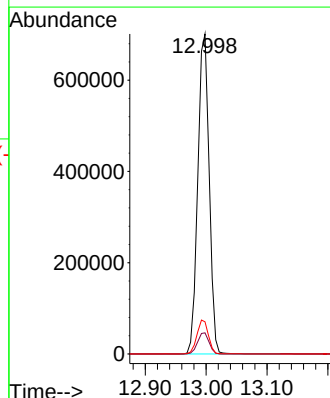
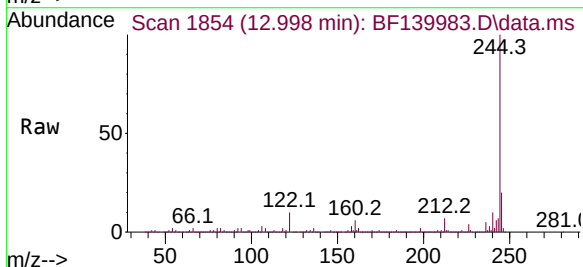
Tgt Ion:244 Resp: 909509

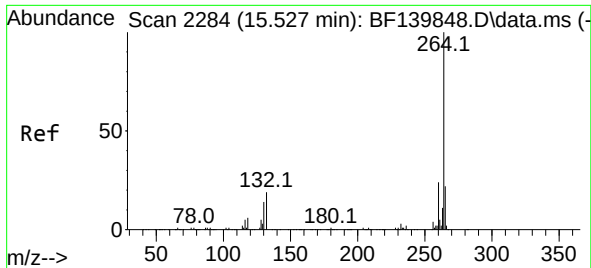
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

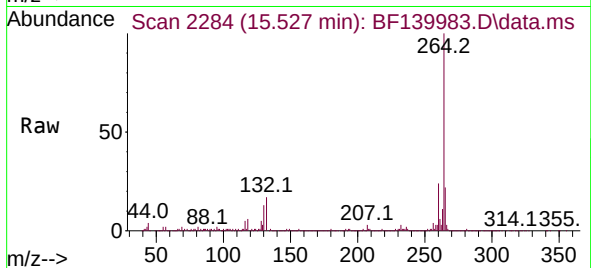
122 10.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139983.D
 Acq: 24 Oct 2024 00:11

Instrument :
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 SP-7



Tgt Ion:264 Resp: 243467
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.9 17.4 26.0

