

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140573.D
 Acq On : 22 Nov 2024 13:21
 Operator : RC/JU
 Sample : P4923-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991

Quant Time: Nov 22 14:00:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91907	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	340657	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	185539	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340060	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217309	20.000	ng	0.00
86) Perylene-d12	15.539	264	189876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	180963	33.595	ng	0.00
7) Phenol-d6	6.504	99	337538	47.399	ng	-0.01
23) Nitrobenzene-d5	7.428	82	363579	54.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	45749	23.055	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	729981	58.620	ng	-0.01
79) Terphenyl-d14	12.986	244	858318	61.503	ng	0.00

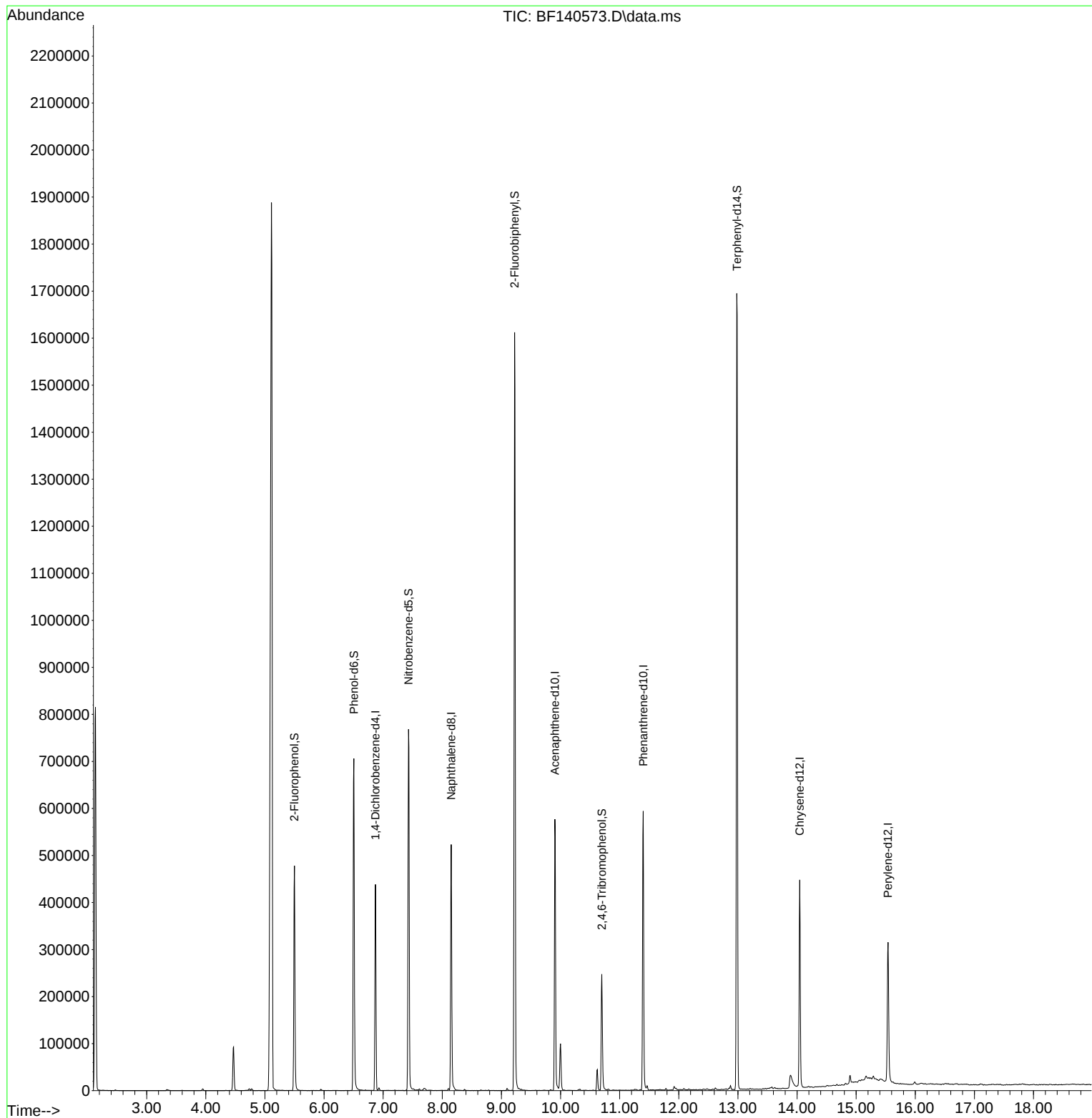
Target Compounds	Qvalue

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

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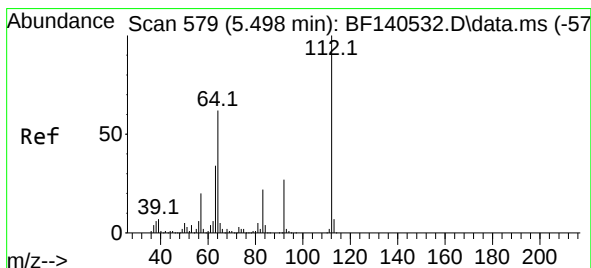
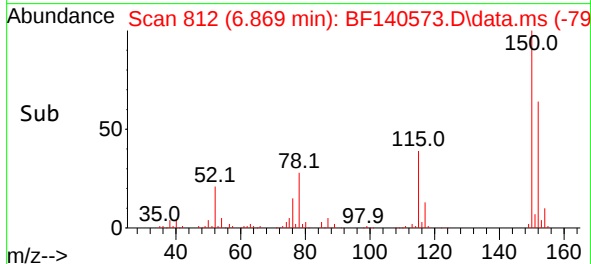
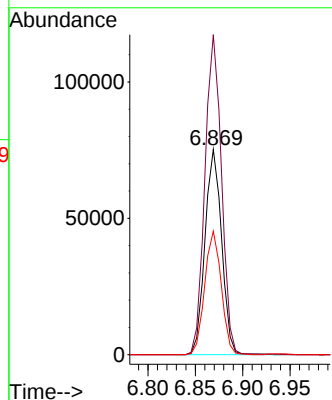
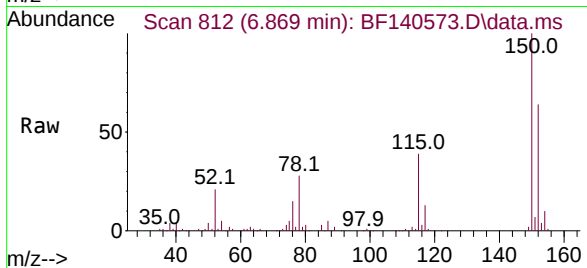




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

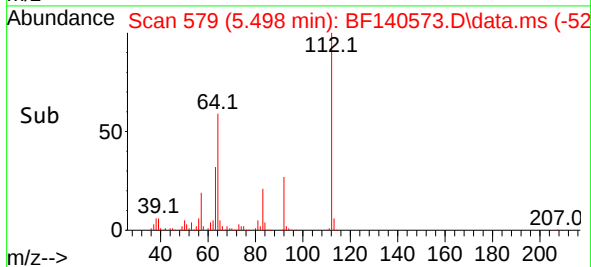
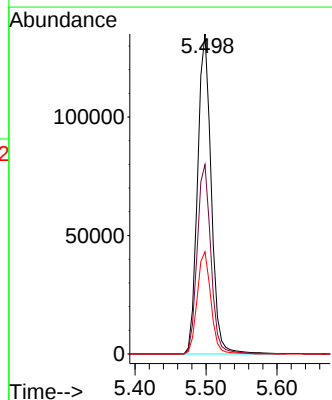
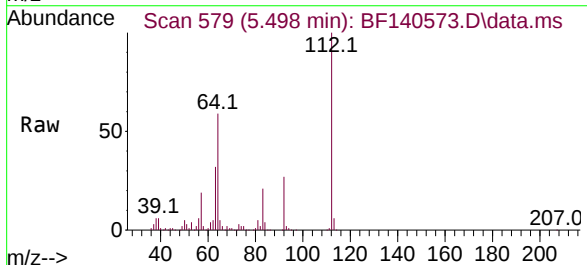
Instrument :
BNA_F
ClientSampleId :
72-11991

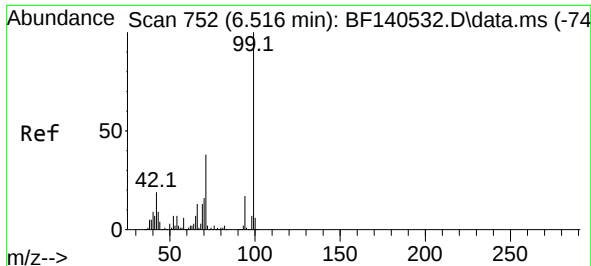
Tgt Ion:152 Resp: 91907
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 60.2 50.2 75.4



#5
2-Fluorophenol
Concen: 33.595 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion:112 Resp: 180963
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.9 27.0 40.4

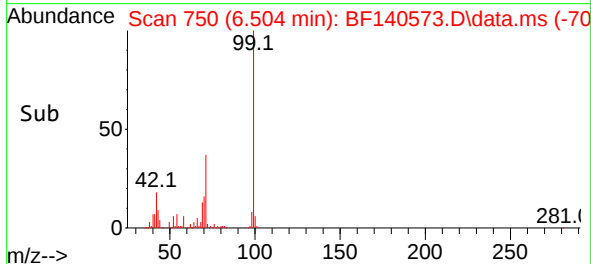
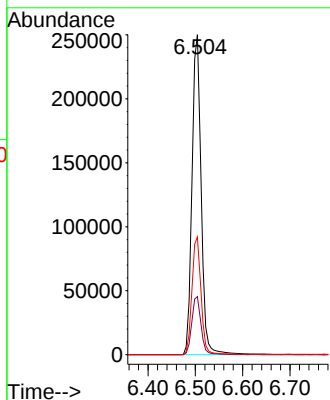
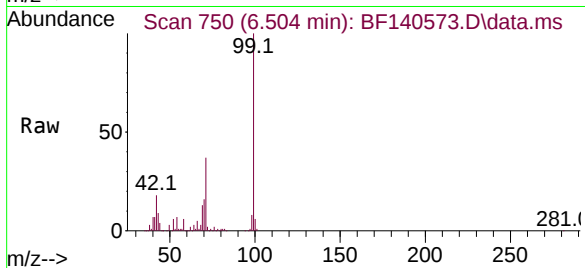




#7
Phenol-d6
Concen: 47.399 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

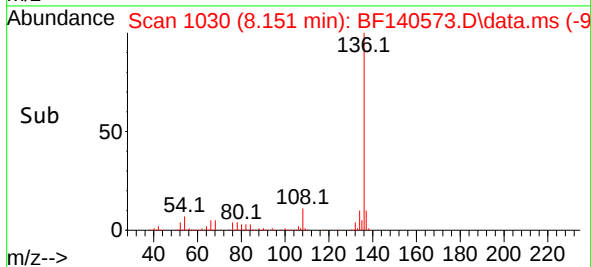
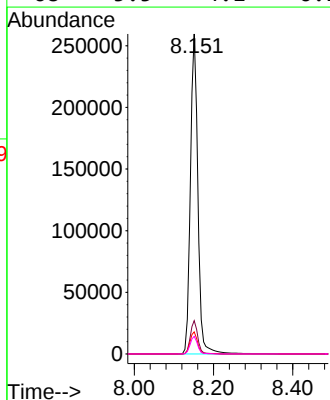
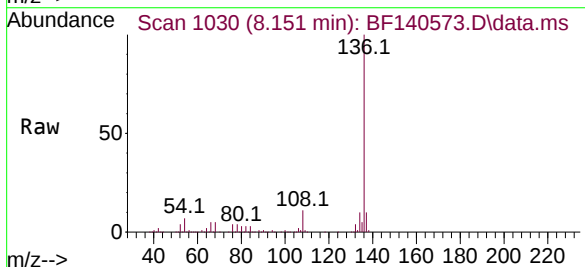
Instrument :
BNA_F
ClientSampleId :
72-11991

Tgt Ion: 99 Resp: 337538
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion: 136 Resp: 340657
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 6.9 5.8 8.8
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.592 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140573.D

Acq: 22 Nov 2024 13:21

Instrument :

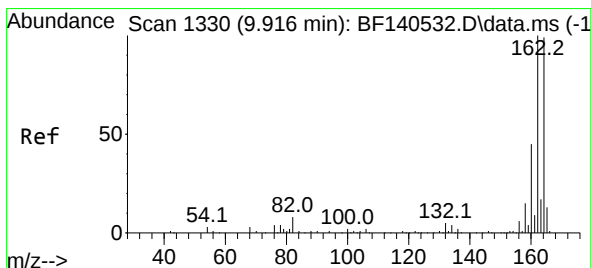
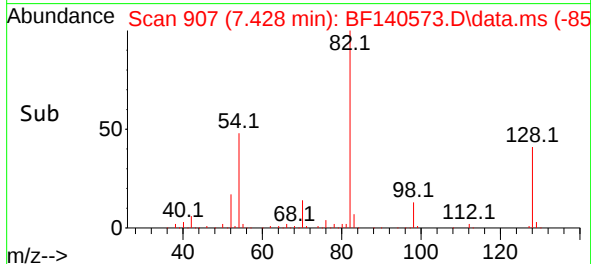
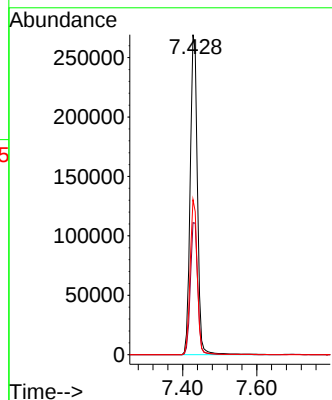
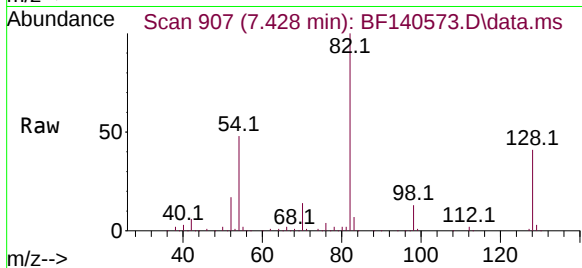
BNA_F

ClientSampleId :

72-11991

Tgt Ion: 82 Resp: 363579

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	48.4	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

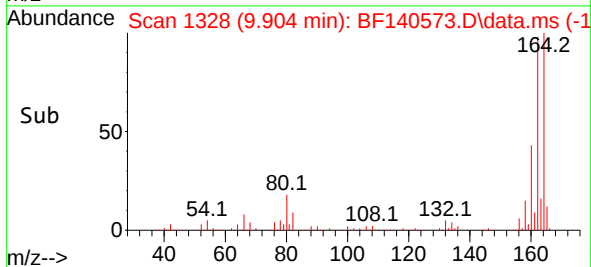
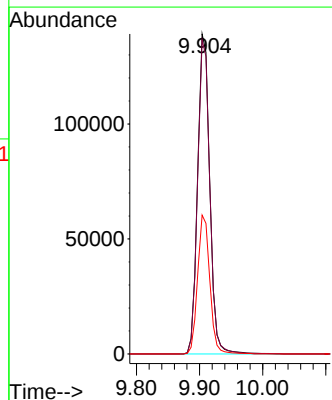
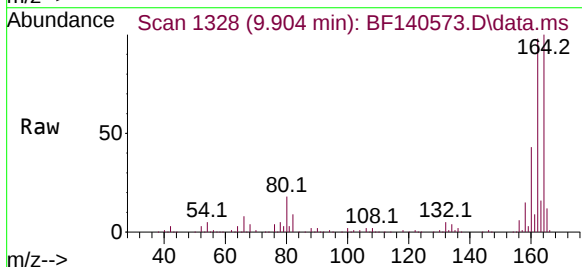
Delta R.T. -0.012 min

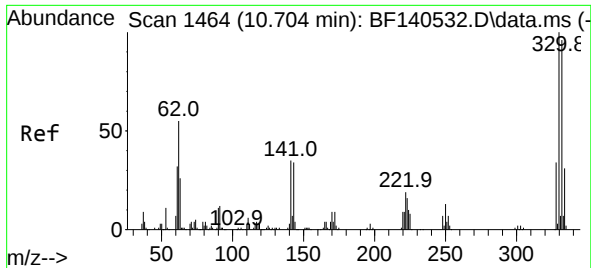
Lab File: BF140573.D

Acq: 22 Nov 2024 13:21

Tgt Ion:164 Resp: 185539

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.6	120.8
160	43.4	36.2	54.4

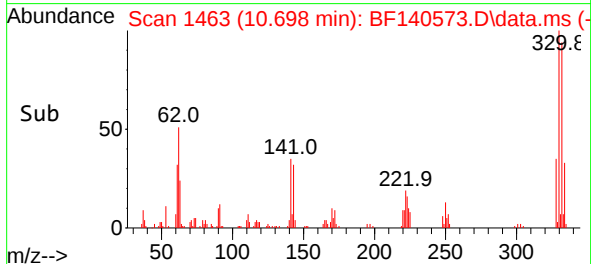
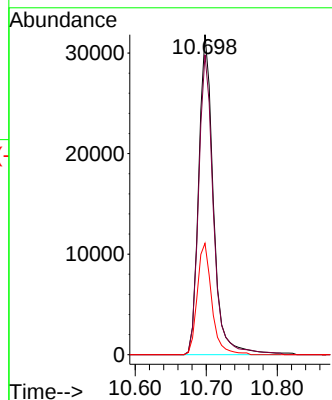
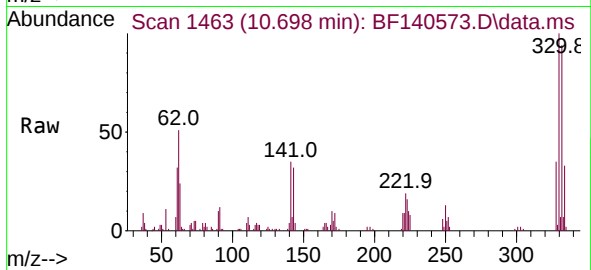




#42
2,4,6-Tribromophenol
Concen: 23.055 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

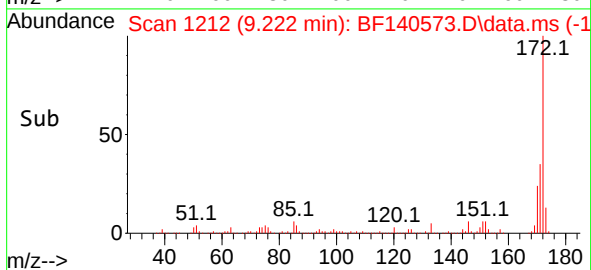
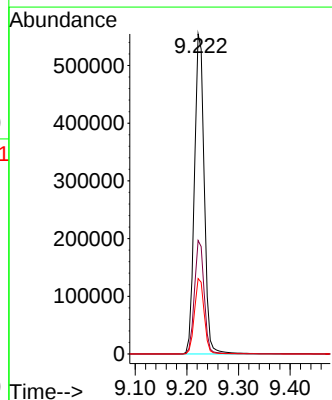
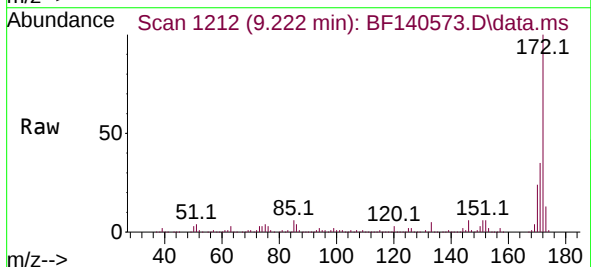
Instrument :
BNA_F
ClientSampleId :
72-11991

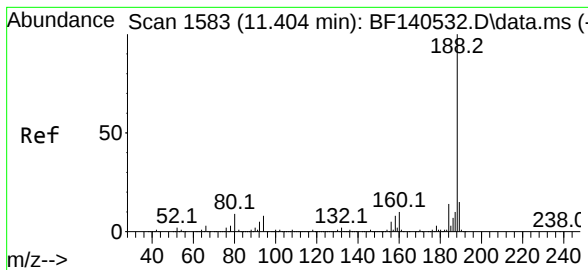
Tgt Ion: 330 Resp: 45749
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 34.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 58.620 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion: 172 Resp: 729981
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6

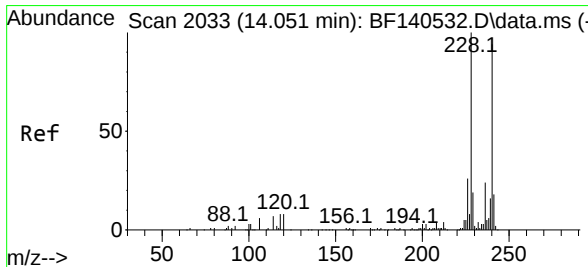
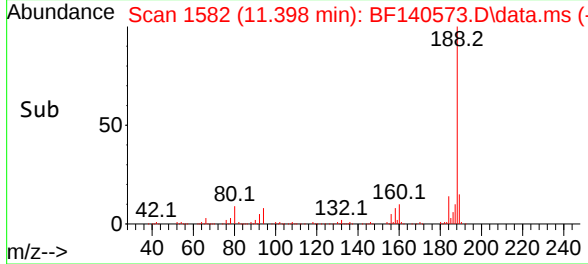
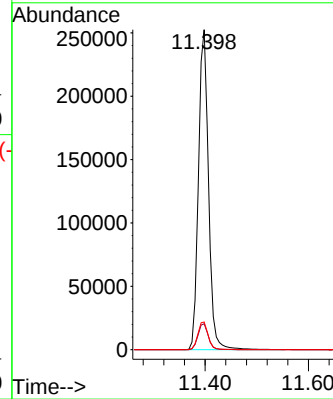
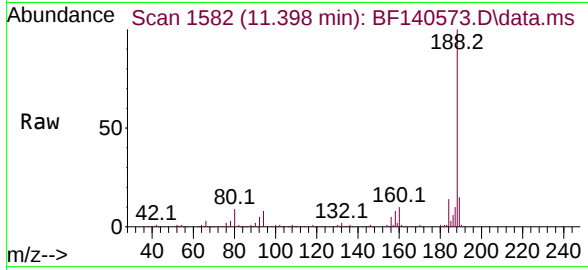




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

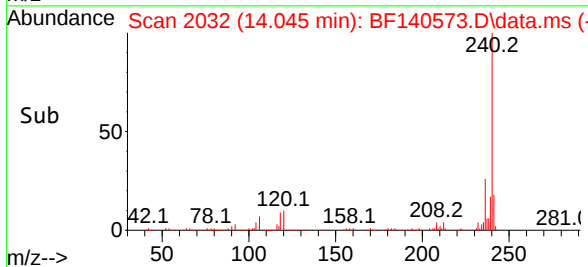
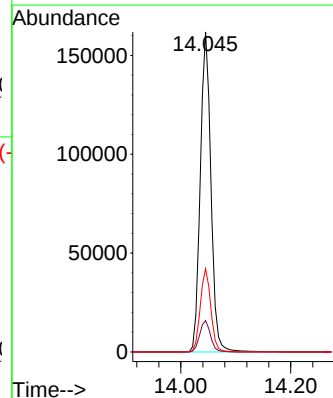
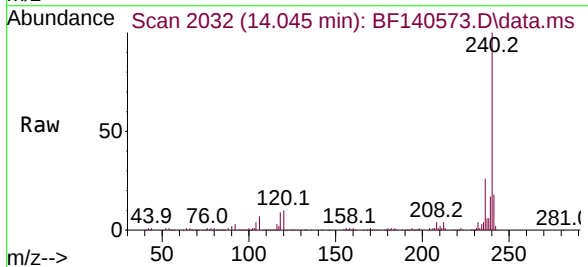
Instrument :
BNA_F
ClientSampleId :
72-11991

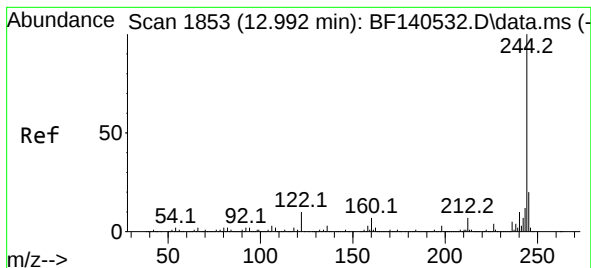
Tgt Ion:188 Resp: 340060
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion:240 Resp: 217309
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 61.503 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140573.D

Acq: 22 Nov 2024 13:21

Instrument :

BNA_F

ClientSampleId :

72-11991

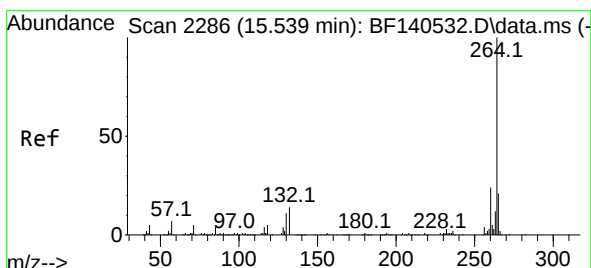
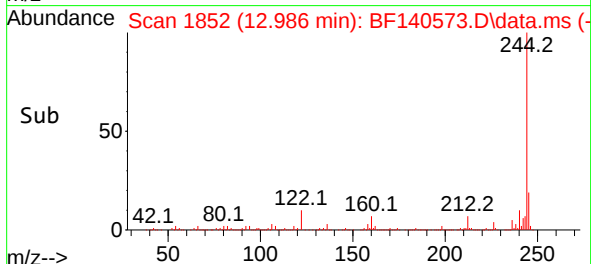
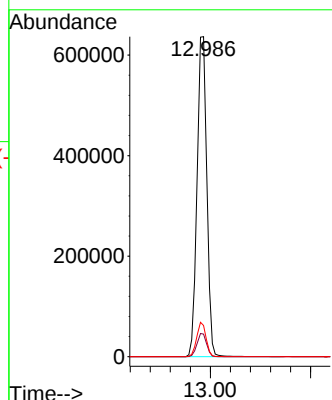
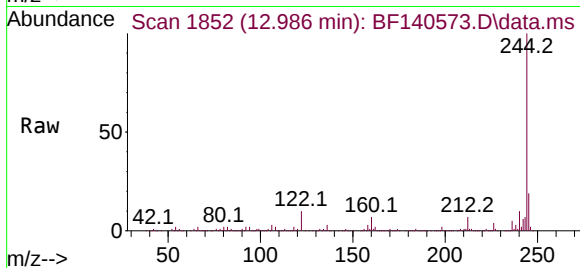
Tgt Ion:244 Resp: 858318

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140573.D

Acq: 22 Nov 2024 13:21

Tgt Ion:264 Resp: 189876

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.9 16.6 25.0

