

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)

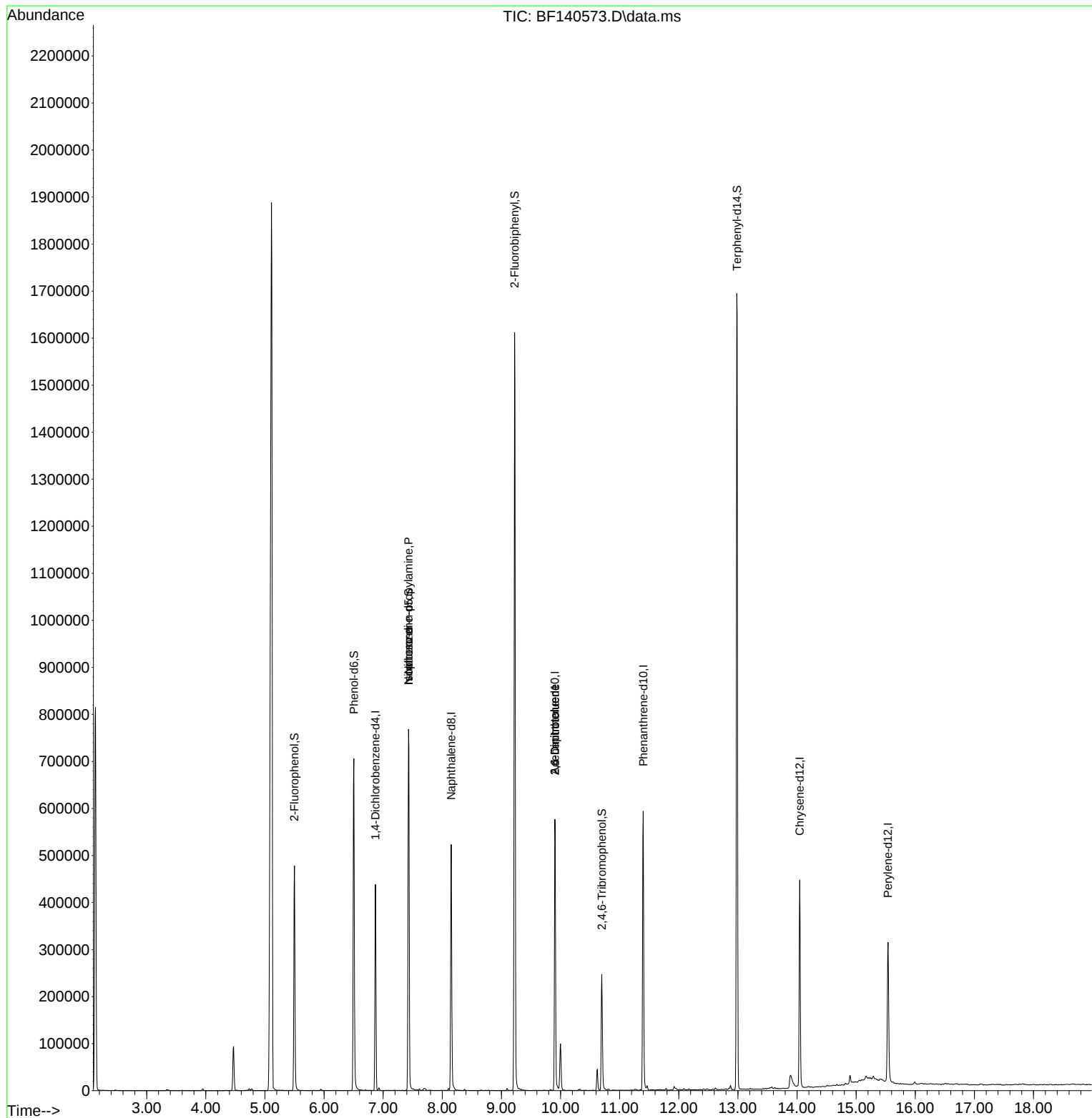
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91907	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	340657	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	185539	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340060	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217309	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.428	70	49614	11.789	ng	# 75
25) Isophorone	7.428	82	360303	32.436	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22706	8.193	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22706	6.165	ng	# 18

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

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

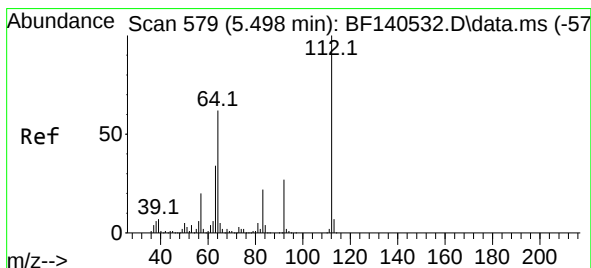
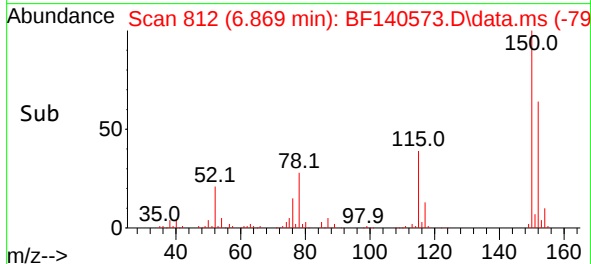
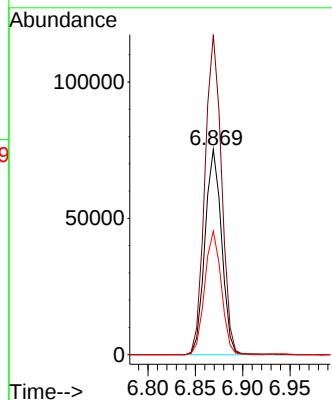
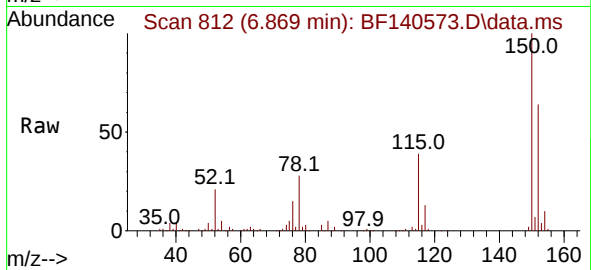




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

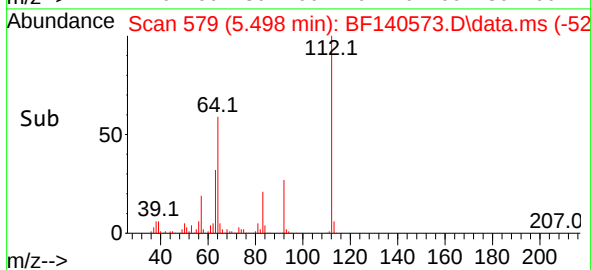
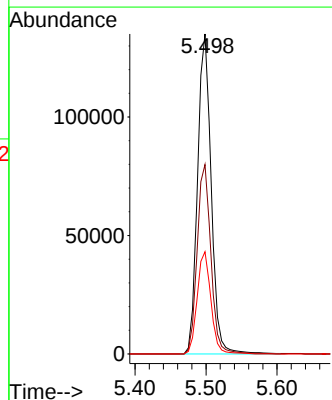
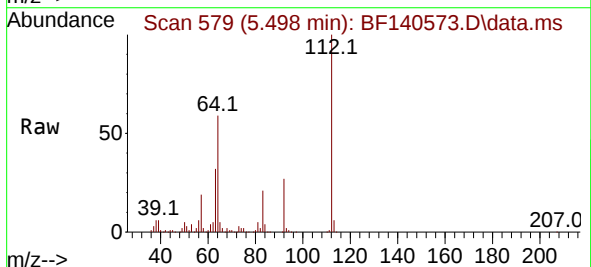
Instrument :
BNA_F
ClientSampleId :
72-11991

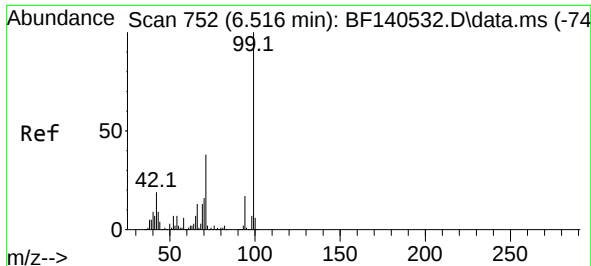
Tgt Ion:152 Resp: 91907
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 60.2 50.2 75.4



#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

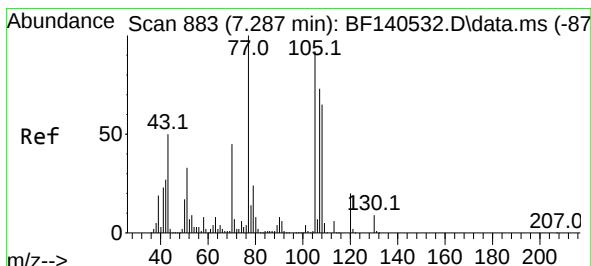
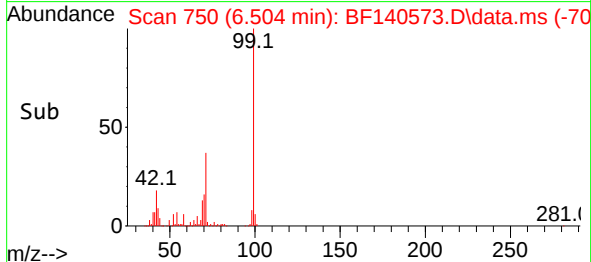
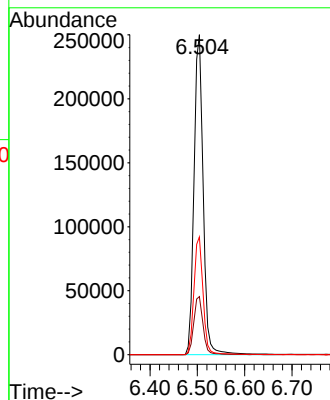
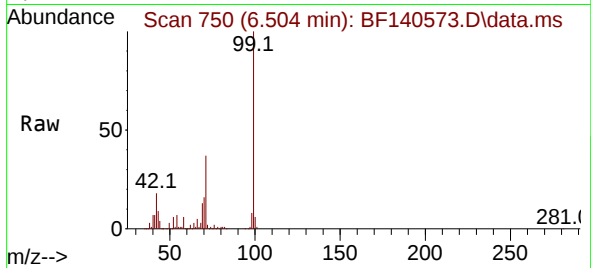




#7
Phenol-d6
Concen: 47.399 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

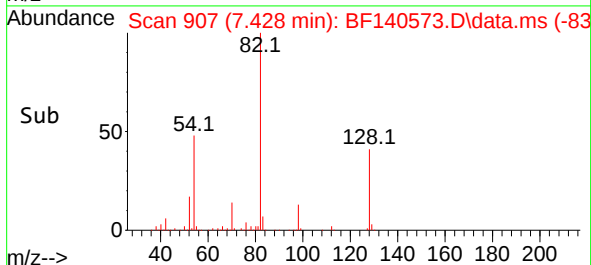
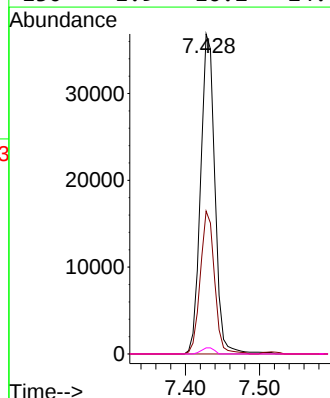
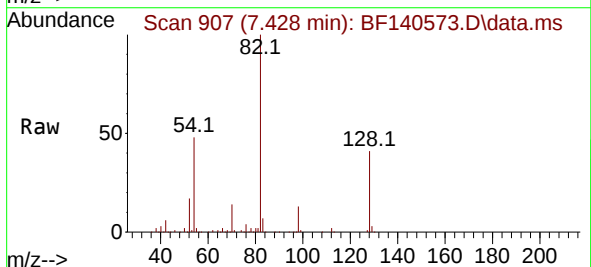
Instrument :
BNA_F
ClientSampleId :
72-11991

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



#19
n-Nitroso-di-n-propylamine
Concen: 11.789 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion: 70 Resp: 49614
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

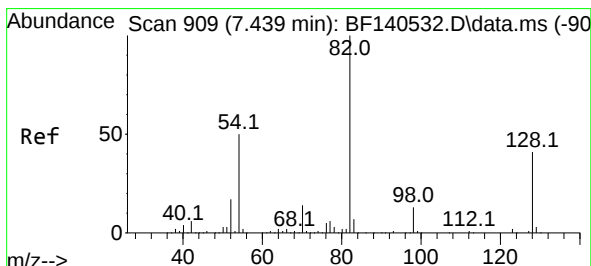
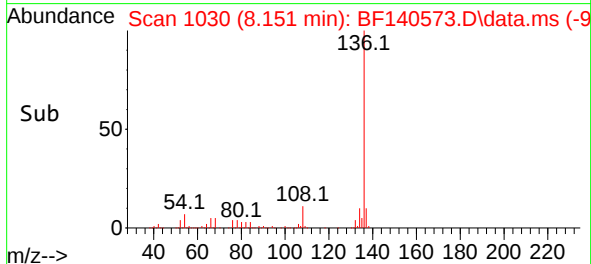
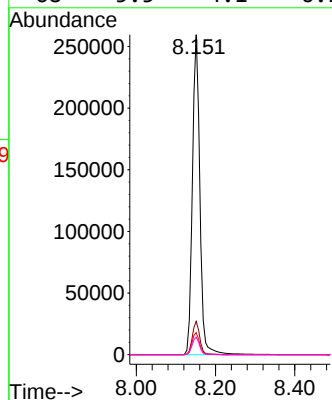
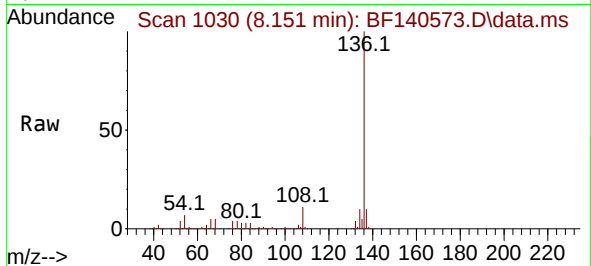




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

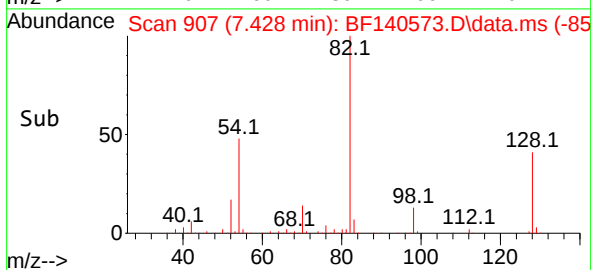
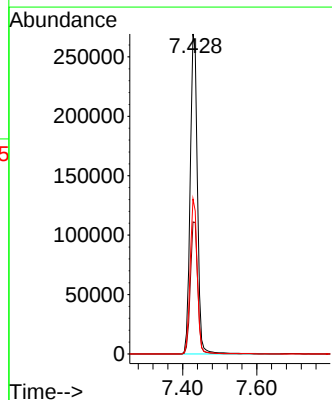
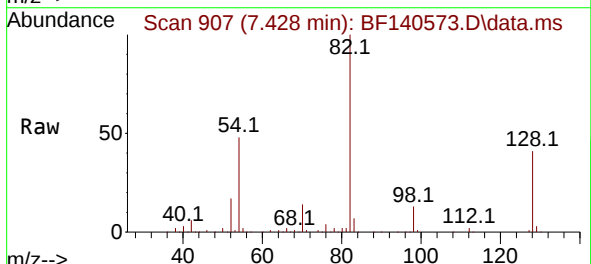
Instrument :
BNA_F
ClientSampleId :
72-11991

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# 907
Delta R.T. -0.012 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

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

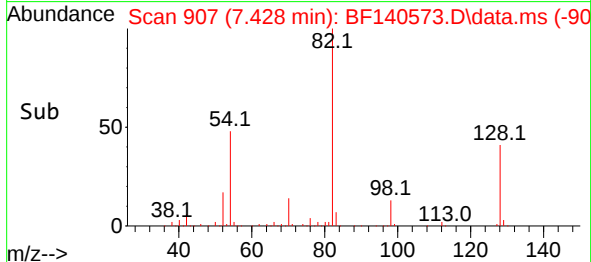
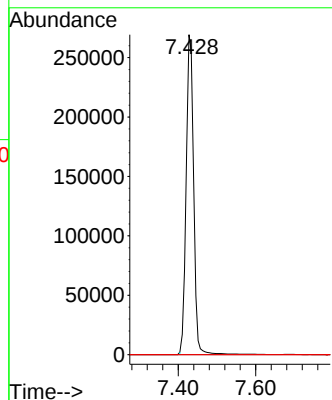
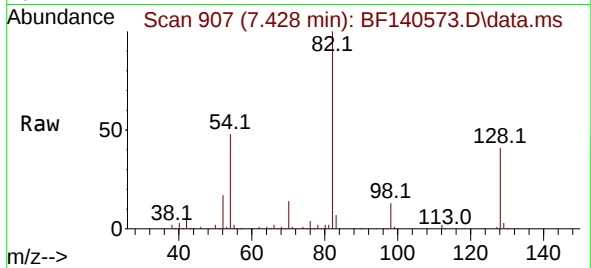




#25
Isophorone
Concen: 32.436 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

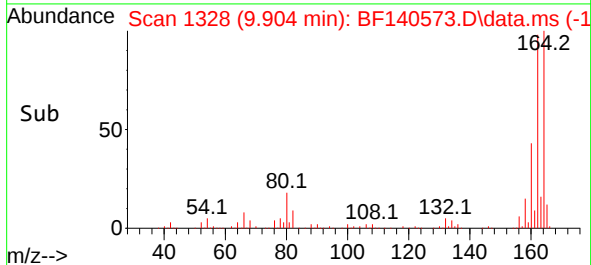
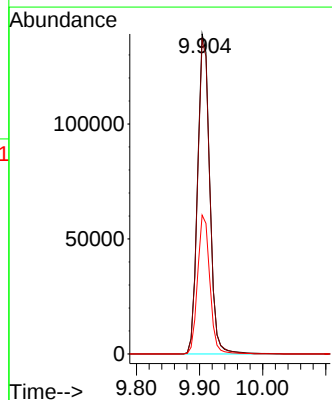
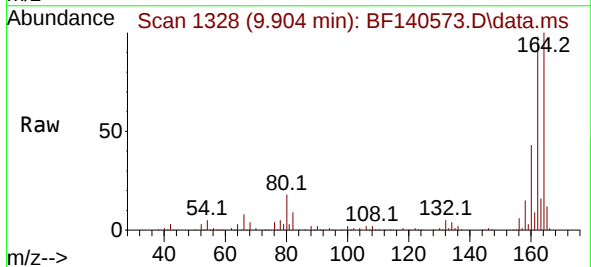
Instrument :
BNA_F
ClientSampleId :
72-11991

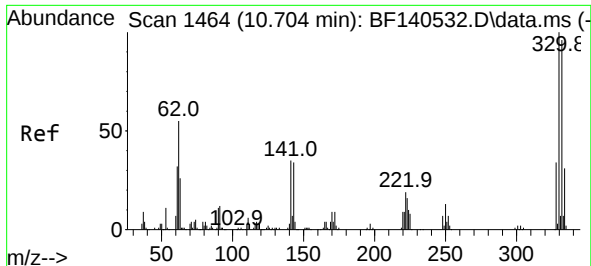
Tgt Ion: 82 Resp: 360303
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#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

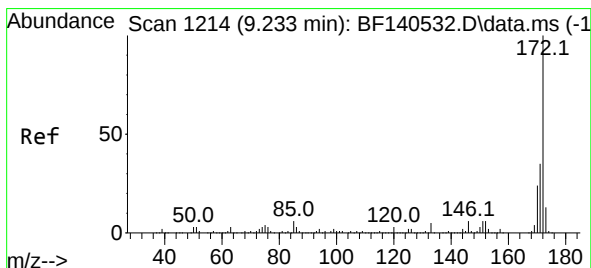
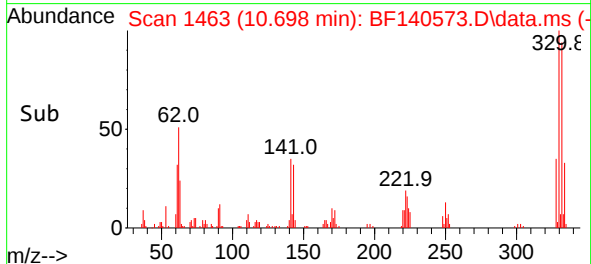
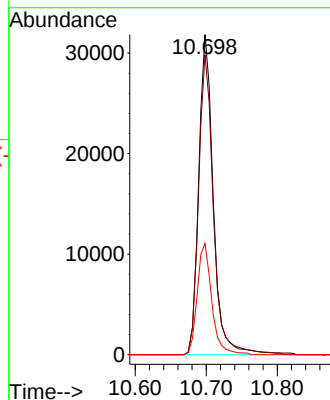
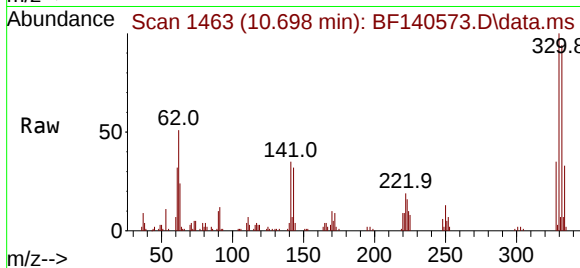
Tgt Ion:330 Resp: 45749

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

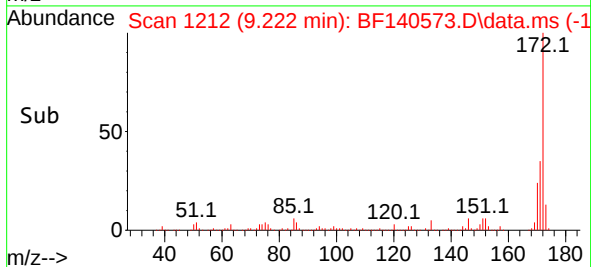
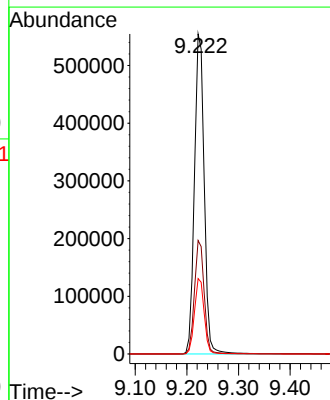
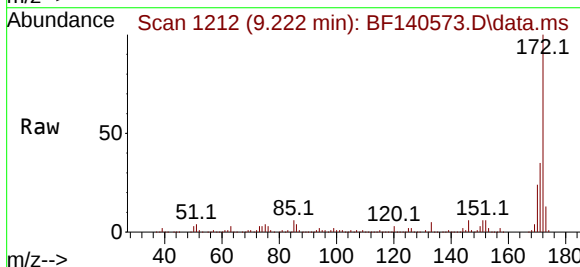
Tgt Ion:172 Resp: 729981

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.0 28.6

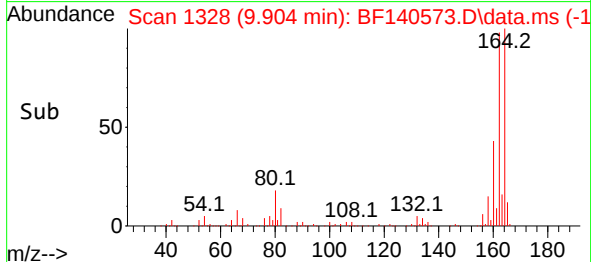
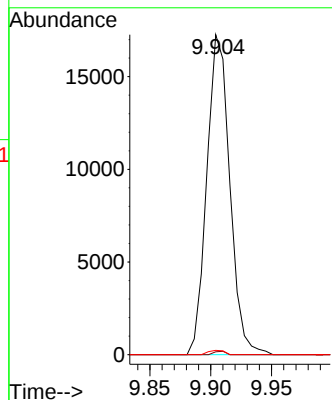
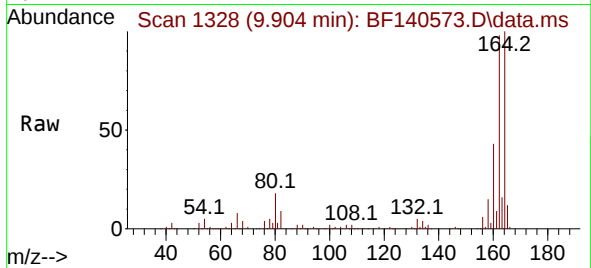




#51
2,6-Dinitrotoluene
Concen: 8.193 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

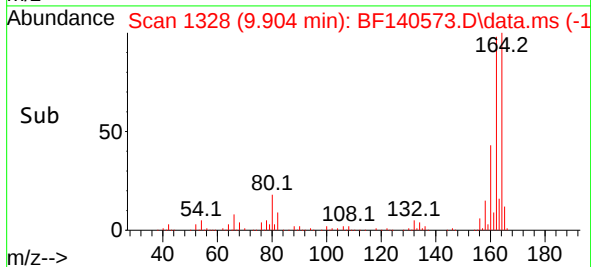
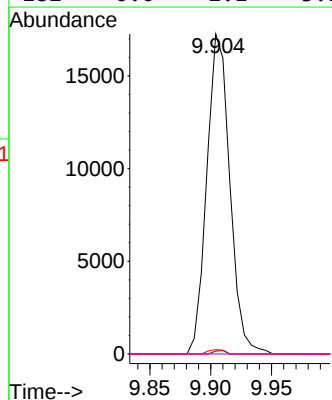
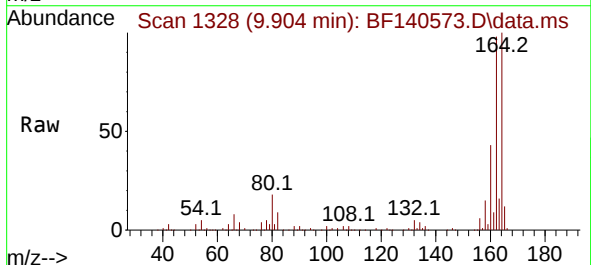
Instrument :
BNA_F
ClientSampleId :
72-11991

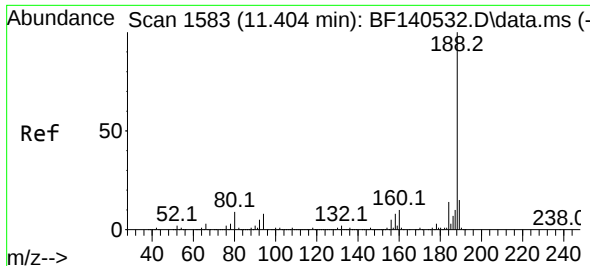
Tgt Ion:165 Resp: 22706
Ion Ratio Lower Upper
165 100
63 0.9 49.9 74.9#
89 1.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

Tgt Ion:165 Resp: 22706
Ion Ratio Lower Upper
165 100
63 0.9 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#

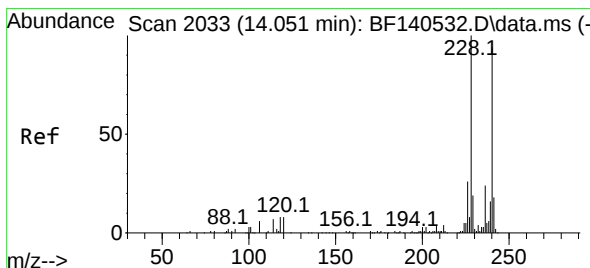
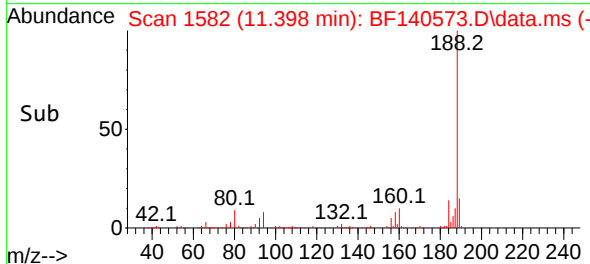
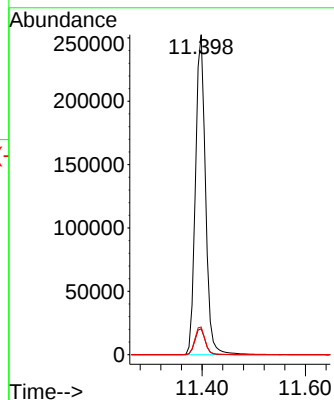
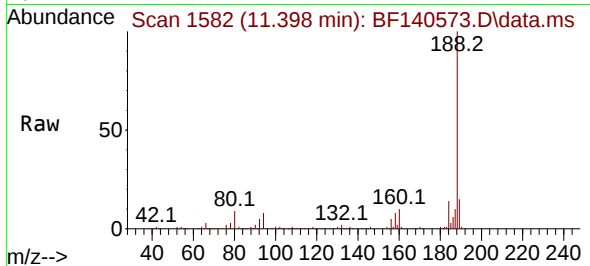




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140573.D
Acq: 22 Nov 2024 13:21

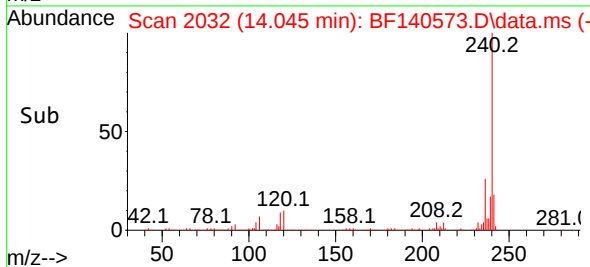
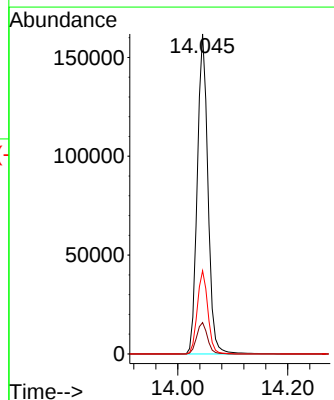
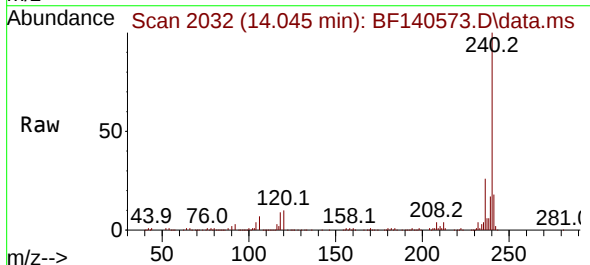
Instrument :
BNA_F
ClientSampleId :
72-11991

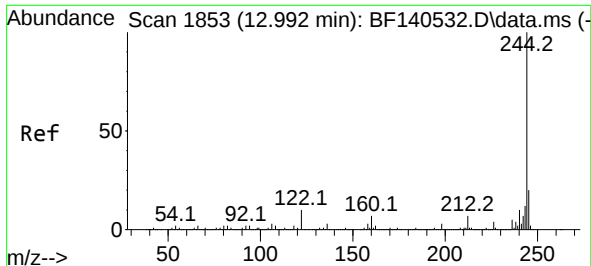
Tgt Ion:188 Resp: 340060
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3



#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

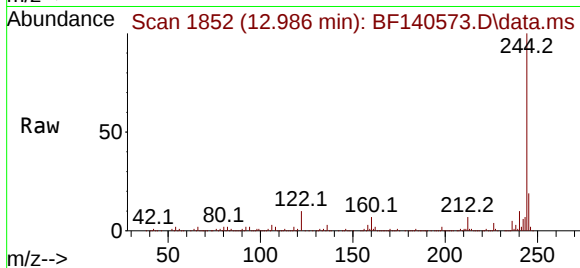
Tgt Ion:240 Resp: 217309
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.6 31.0



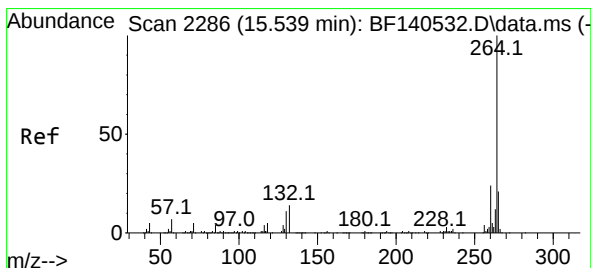
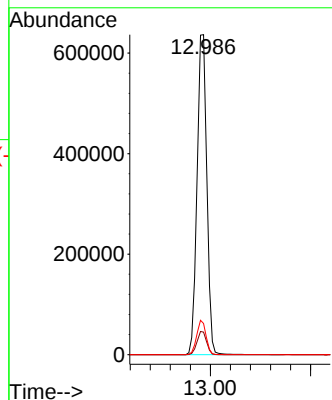
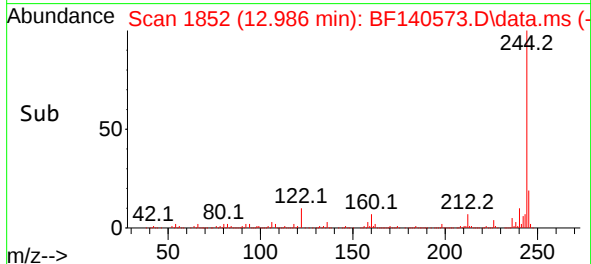


#79
 Terphenyl-d14
 Concen: 61.503 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140573.D
 Acq: 22 Nov 2024 13:21

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

