

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140774.D
 Acq On : 06 Dec 2024 18:34
 Operator : RC/JU
 Sample : P5133-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00374

Quant Time: Dec 06 21:55:53 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)

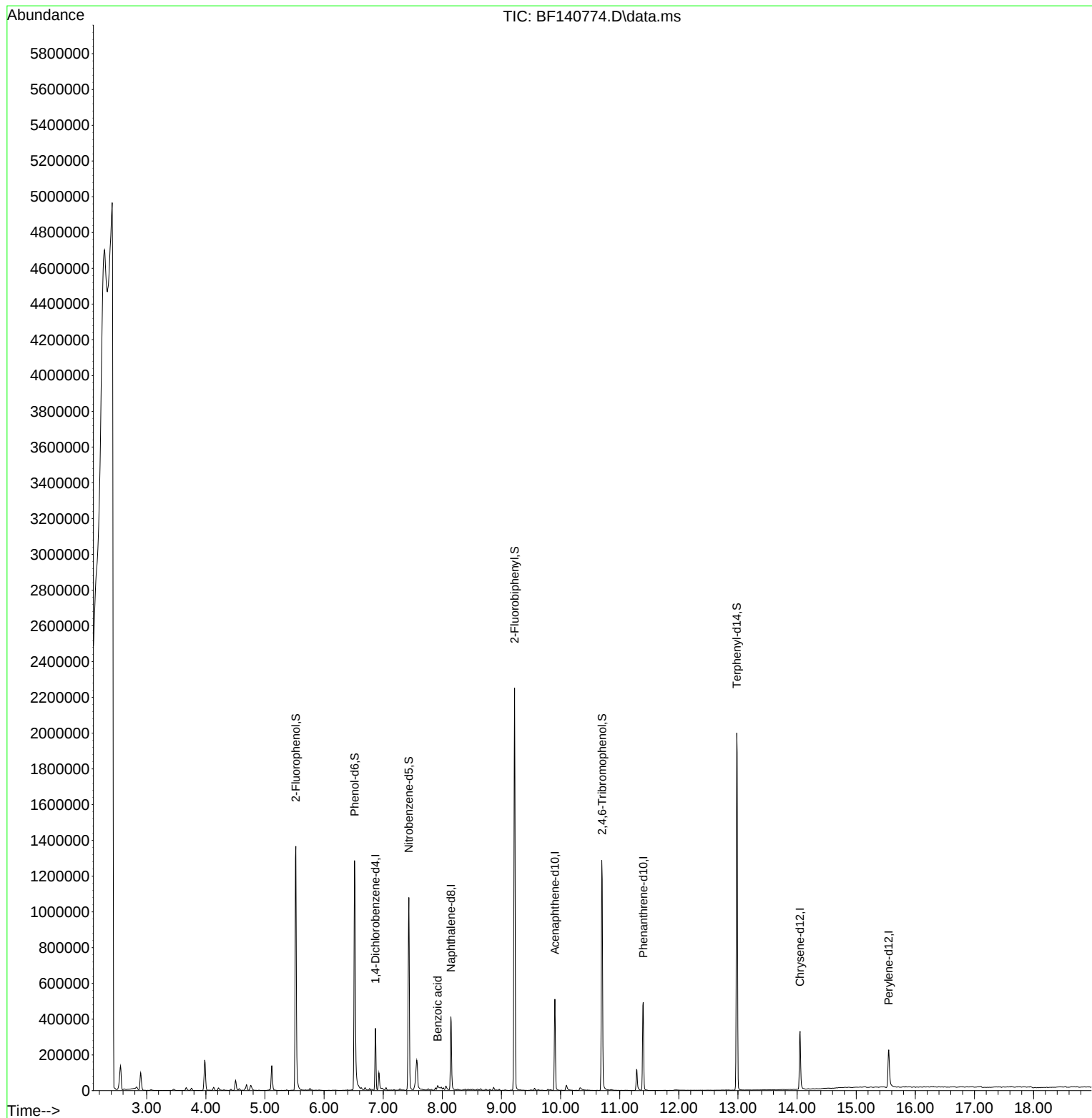
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	72511	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	274985	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	155140	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	283652	20.000	ng	0.00
76) Chrysene-d12	14.051	240	184394	20.000	ng	0.00
86) Perylene-d12	15.551	264	148223	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	571755	134.536	ng	0.02
7) Phenol-d6	6.516	99	686545	122.196	ng	0.00
23) Nitrobenzene-d5	7.434	82	508029	94.499	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	239944	144.611	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1026596	98.593	ng	-0.01
79) Terphenyl-d14	12.980	244	1030263	87.001	ng	-0.01
Target Compounds						
32) Benzoic acid	7.922	122	18210	13.231	ng	Qvalue 97

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

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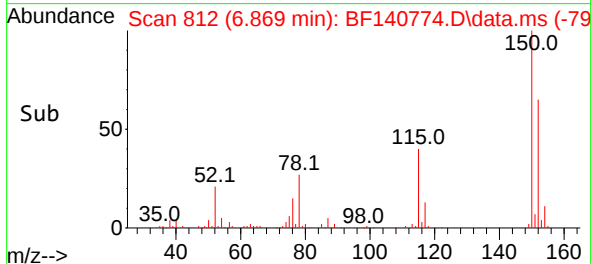
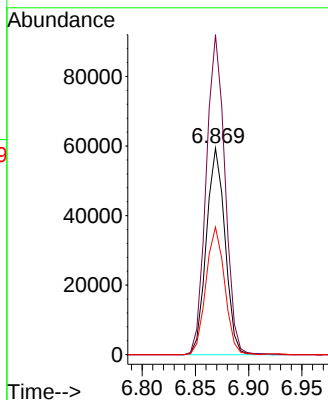
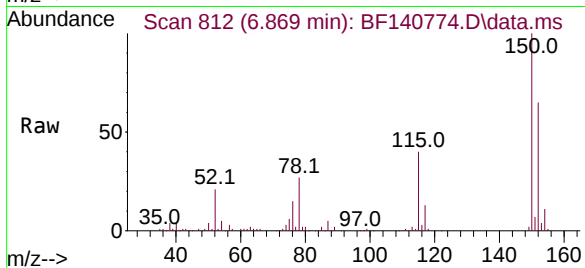




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

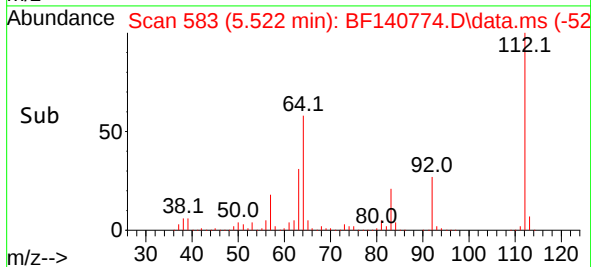
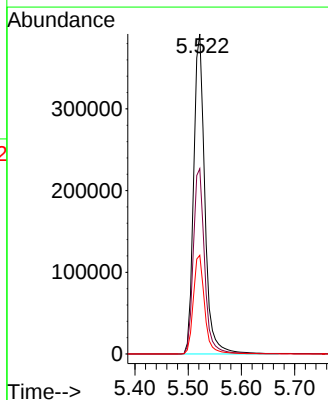
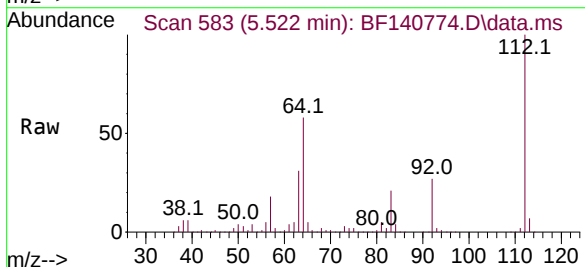
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

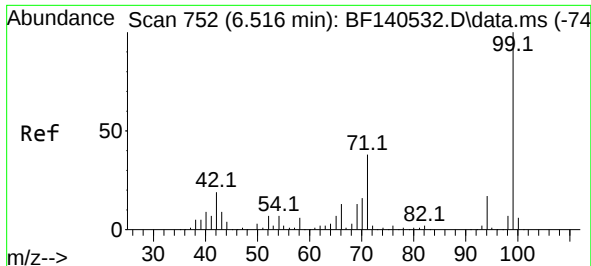
Tgt Ion:152 Resp: 72511
Ion Ratio Lower Upper
152 100
150 154.9 128.5 192.7
115 61.7 50.2 75.4



#5
2-Fluorophenol
Concen: 134.536 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

Tgt Ion:112 Resp: 571755
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.8 27.0 40.4

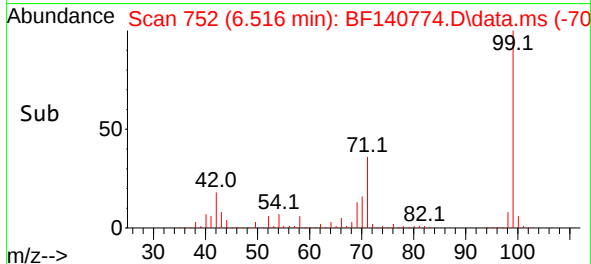
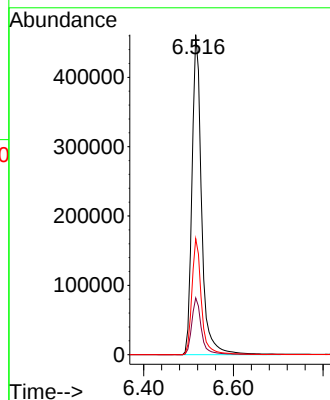
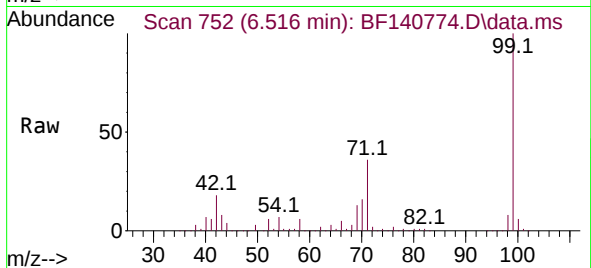




#7
Phenol-d6
Concen: 122.196 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

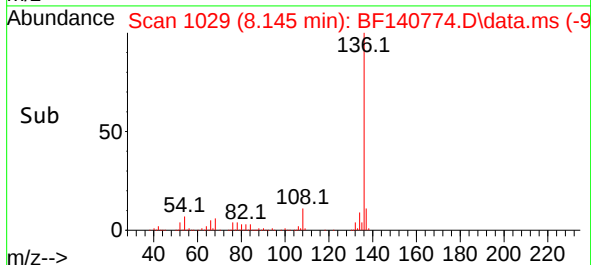
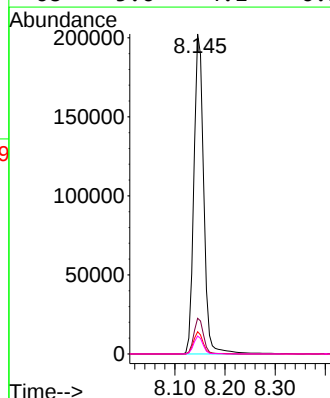
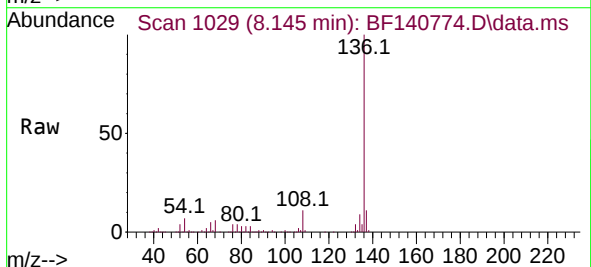
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

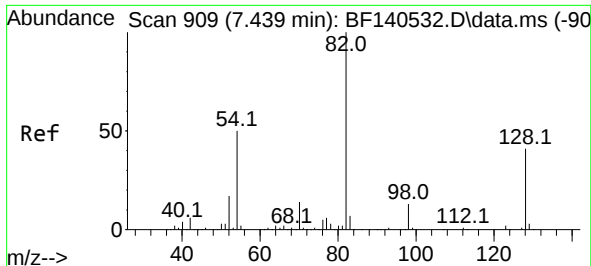
Tgt Ion: 99 Resp: 686545
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

Tgt Ion: 136 Resp: 274985
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 6.9 5.8 8.8
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.499 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

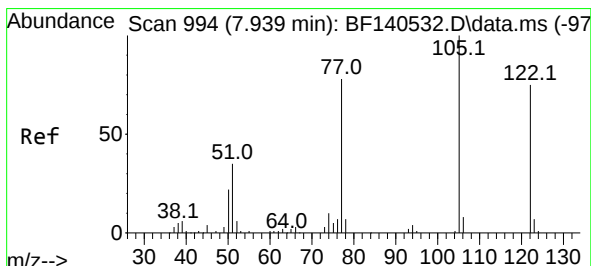
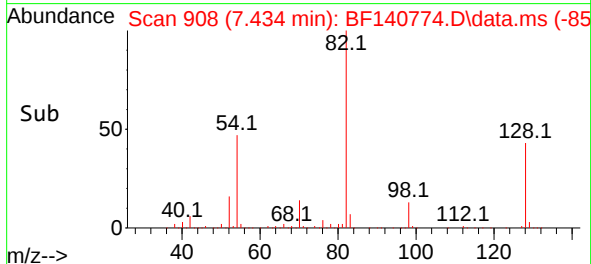
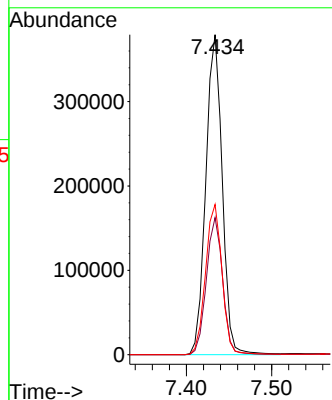
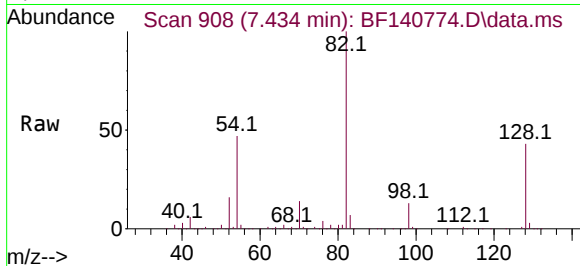
Tgt Ion: 82 Resp: 508029

Ion Ratio Lower Upper

82 100

128 42.8 33.0 49.4

54 46.9 39.5 59.3



#32

Benzoic acid

Concen: 13.231 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.017 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

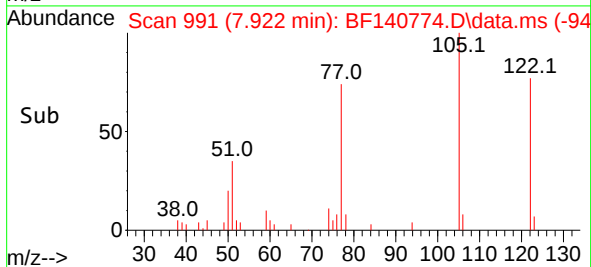
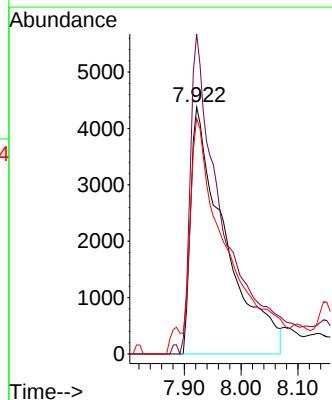
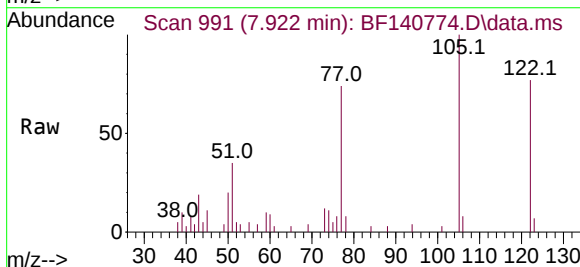
Tgt Ion: 122 Resp: 18210

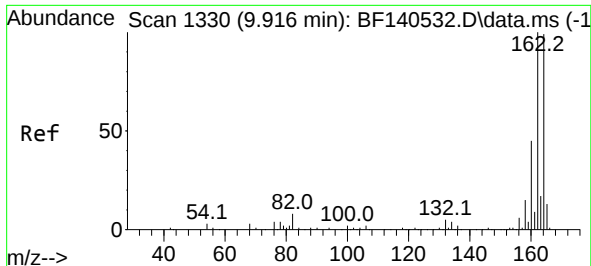
Ion Ratio Lower Upper

122 100

105 129.7 109.3 149.3

77 95.5 82.3 122.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

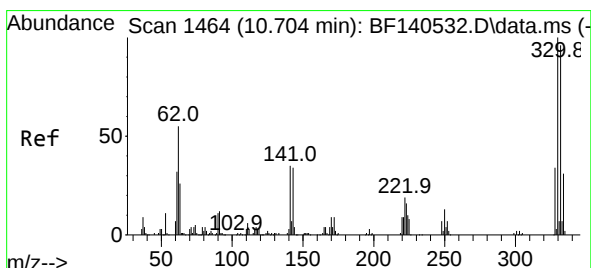
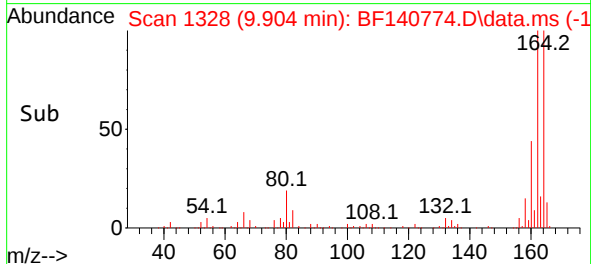
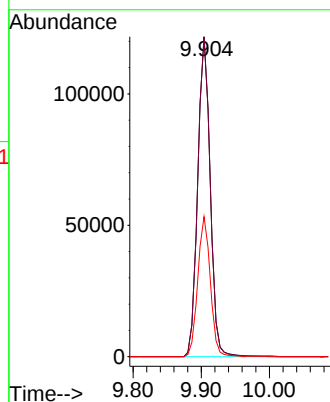
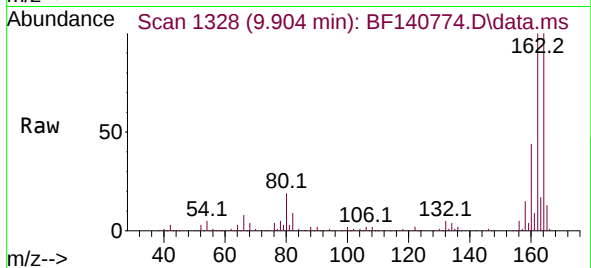
Tgt Ion:164 Resp: 155140

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 43.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 144.611 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

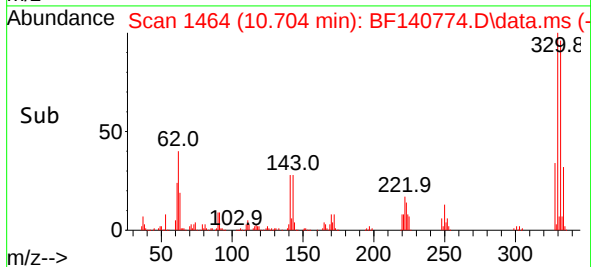
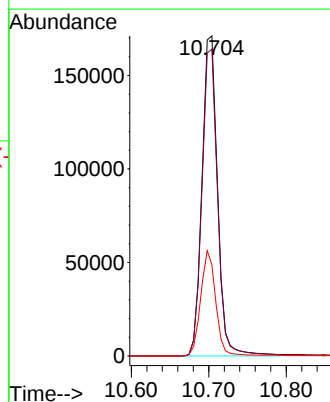
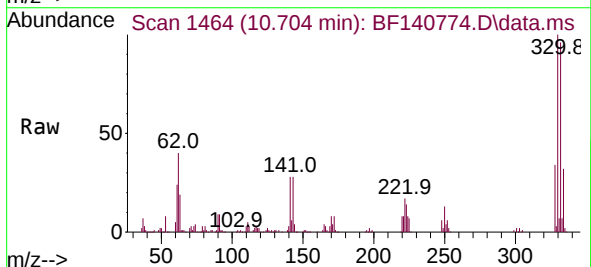
Tgt Ion:330 Resp: 239944

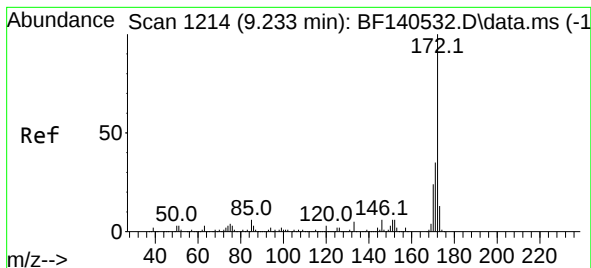
Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.0 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 98.593 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

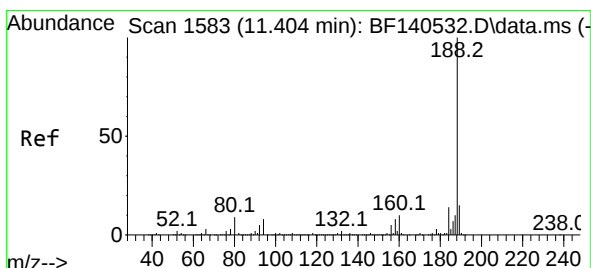
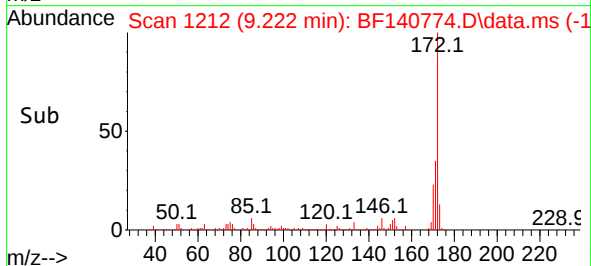
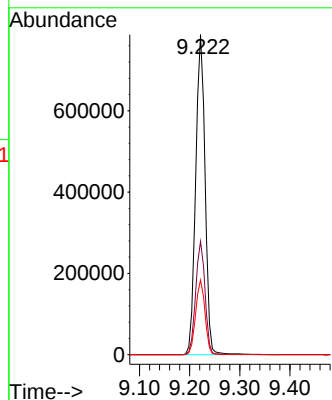
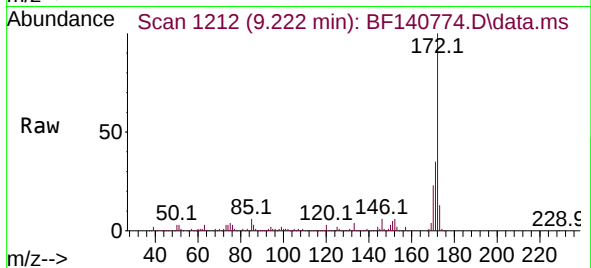
Tgt Ion:172 Resp: 1026596

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

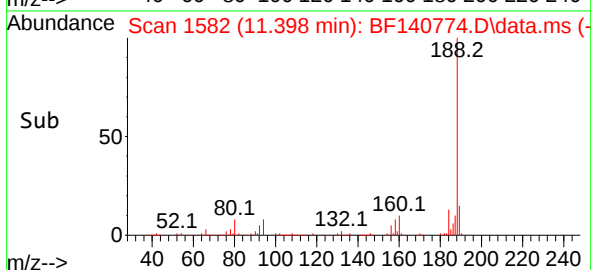
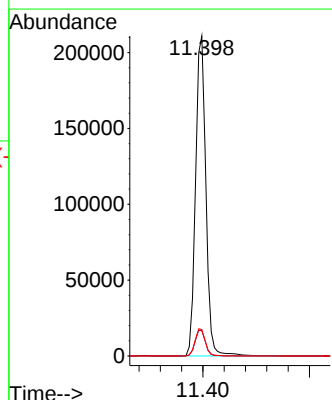
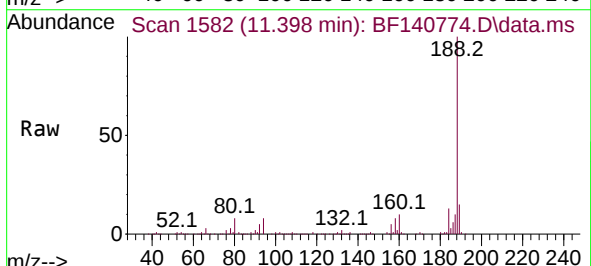
Tgt Ion:188 Resp: 283652

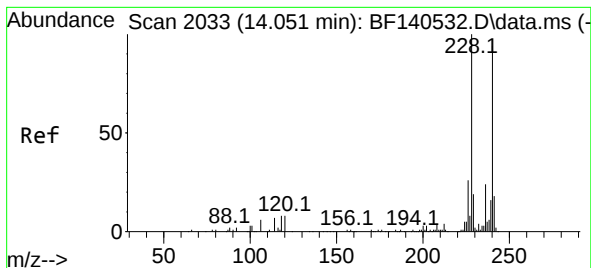
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.3 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

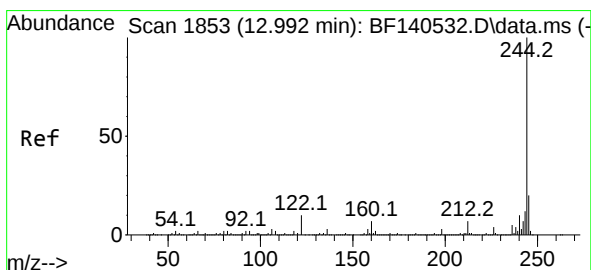
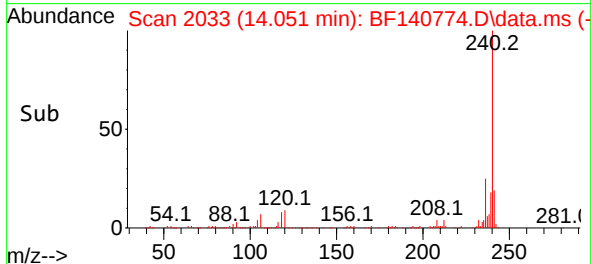
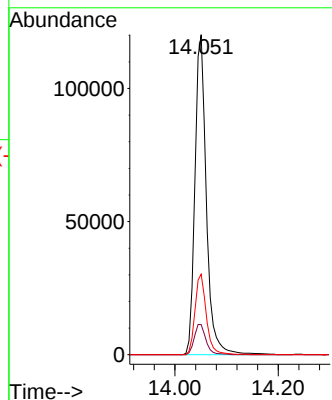
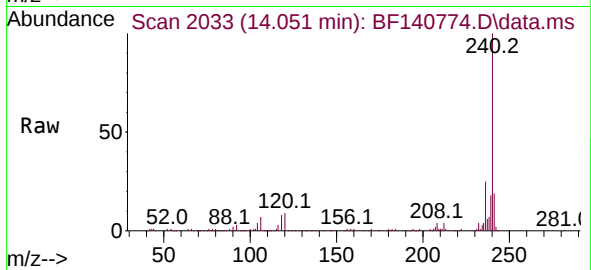
Tgt Ion:240 Resp: 184394

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 87.001 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

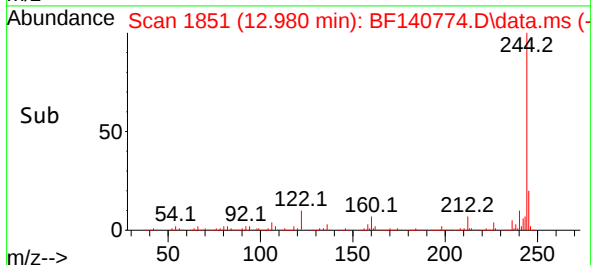
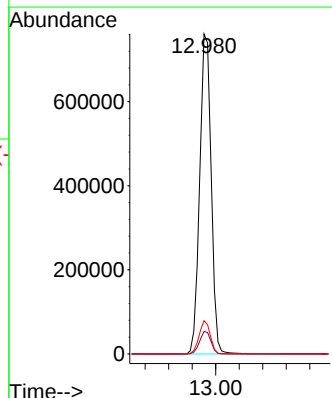
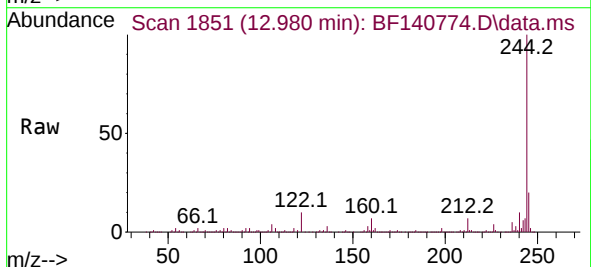
Tgt Ion:244 Resp: 1030263

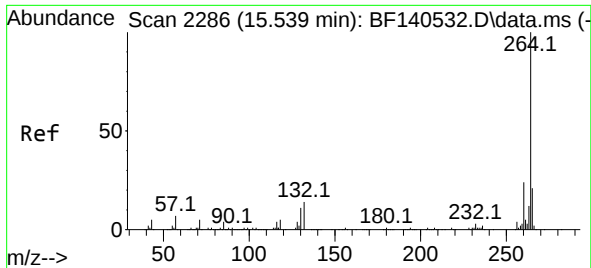
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140774.D
 Acq: 06 Dec 2024 18:34

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00374

Tgt Ion:264 Resp: 148223
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 16.6 25.0

