

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)

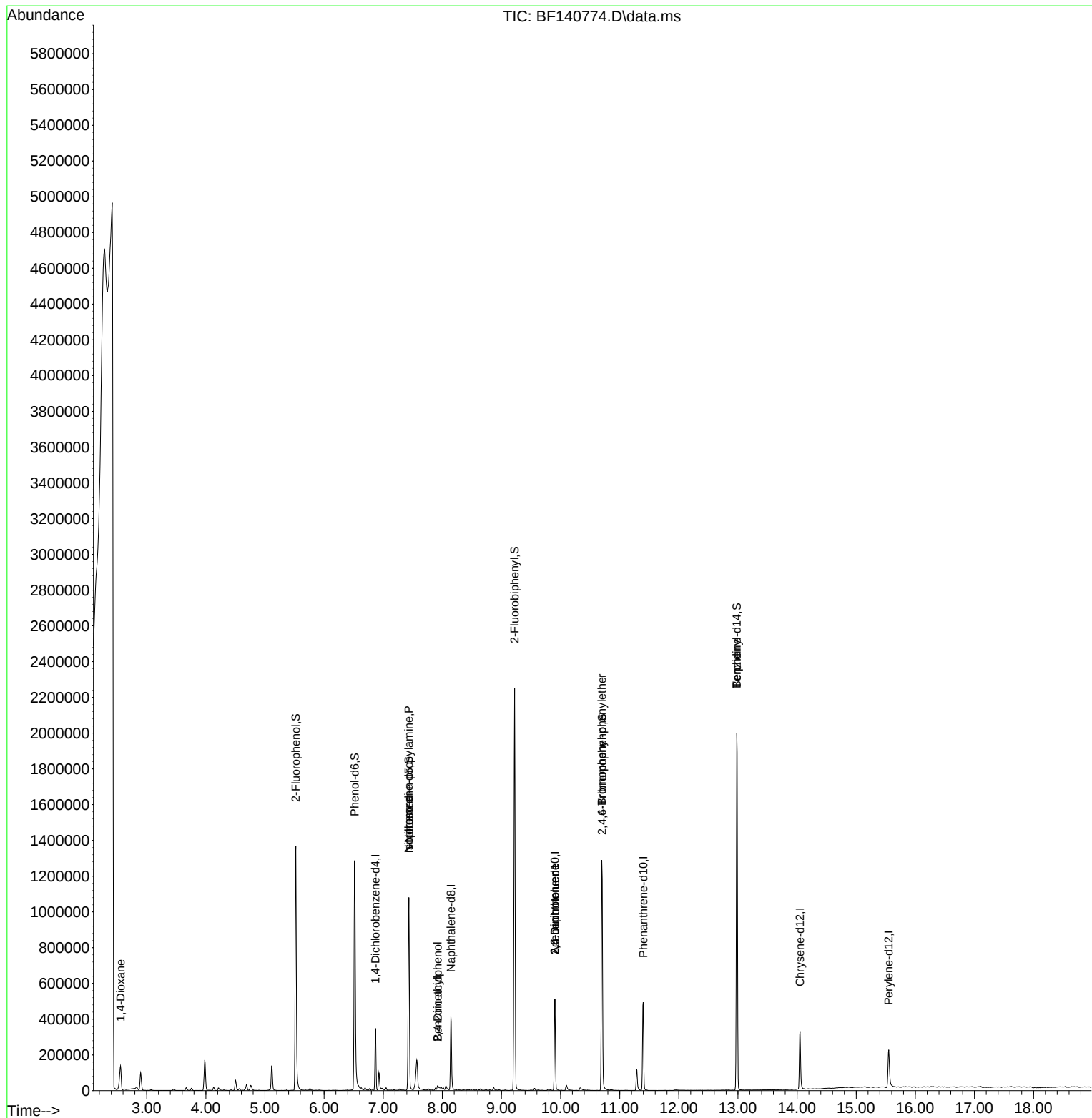
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	72511	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	274985	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	155140	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	283652	20.000	ng	0.00
76) Chrysene-d12	14.051	240	184394	20.000	ng	0.00
86) Perylene-d12	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						
					Qvalue	
2) 1,4-Dioxane	2.557	88	4170	2.334	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	69677	20.984	ng	# 74
25) Isophorone	7.434	82	508021	56.656	ng	# 66
27) 2,4-Dimethylphenol	7.922	122	18210	6.181	ng	# 1
32) Benzoic acid	7.922	122	18210	13.231	ng	# 97
51) 2,6-Dinitrotoluene	9.904	165	20095	8.672	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	20095	6.525	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	14871	5.091	ng	# 1
77) Benzidine	12.980	184	13366	2.493	ng	# 91

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

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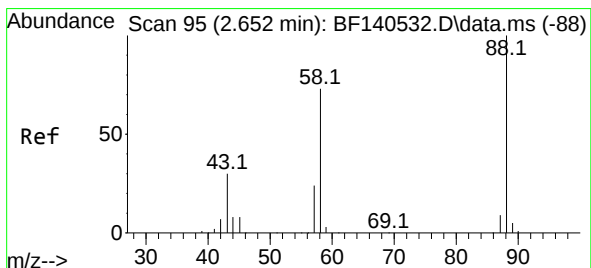
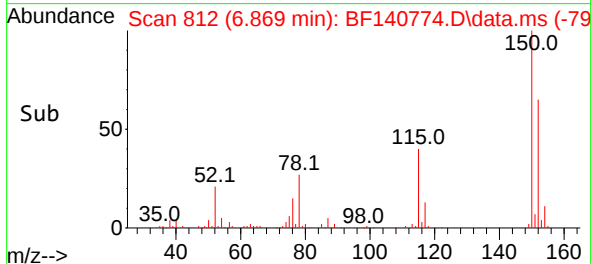
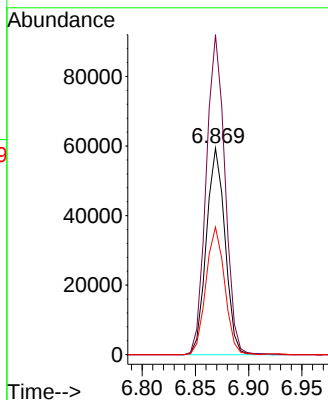
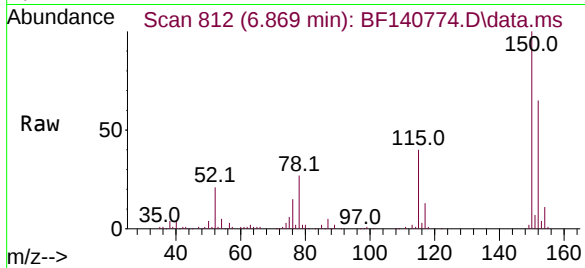




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140774.D
 Acq: 06 Dec 2024 18:34

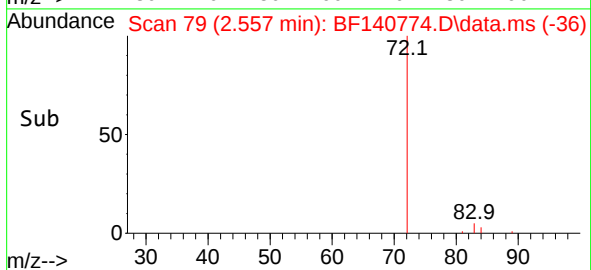
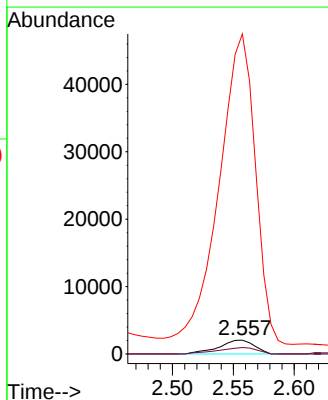
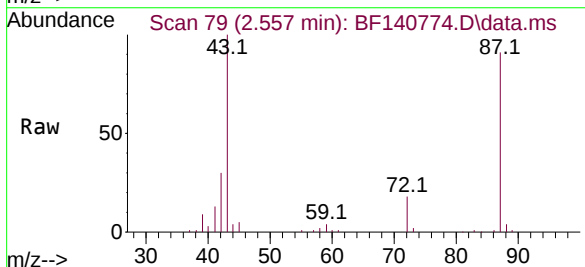
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00374

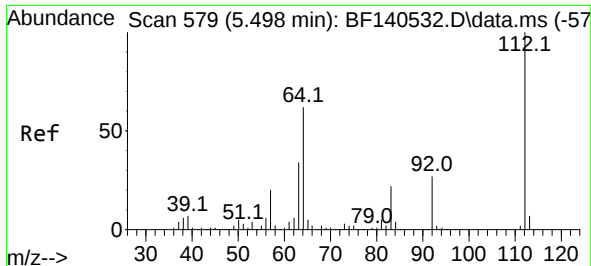
Tgt Ion:152 Resp: 72511
 Ion Ratio Lower Upper
 152 100
 150 154.9 128.5 192.7
 115 61.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 2.334 ng
 RT: 2.557 min Scan# 79
 Delta R.T. -0.094 min
 Lab File: BF140774.D
 Acq: 06 Dec 2024 18:34

Tgt Ion: 88 Resp: 4170
 Ion Ratio Lower Upper
 88 100
 58 51.0 57.4 86.2#
 43 2299.6 24.3 36.5#

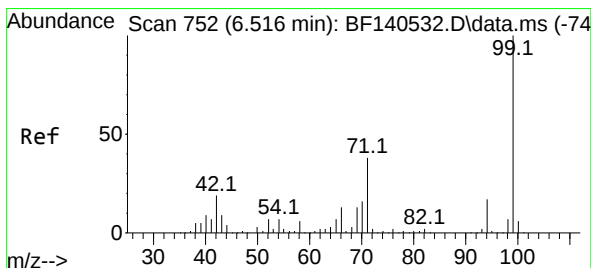
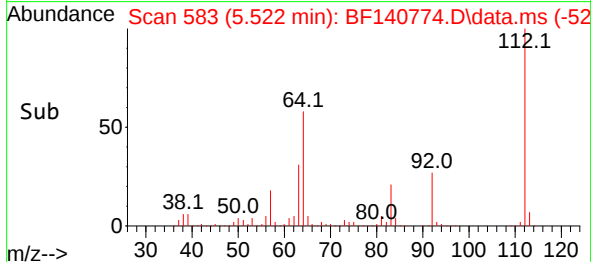
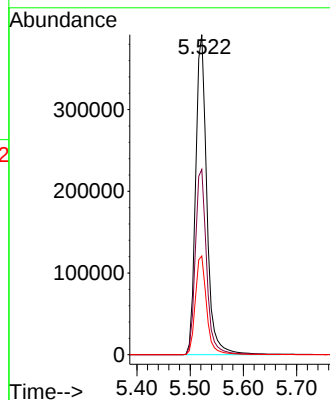
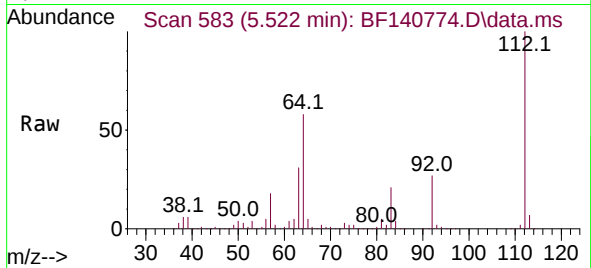




#5
2-Fluorophenol
Concen: 134.536 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

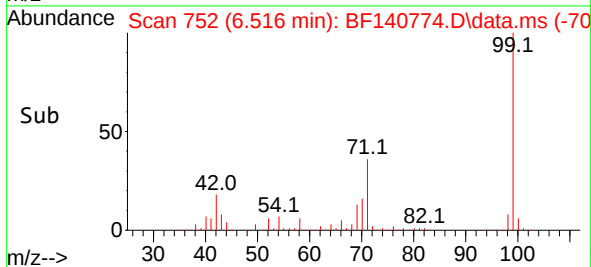
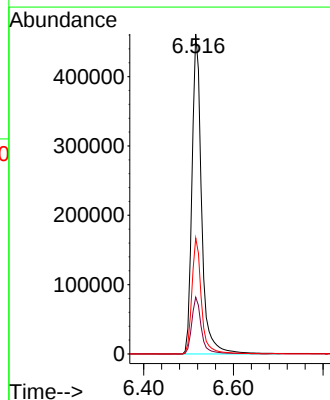
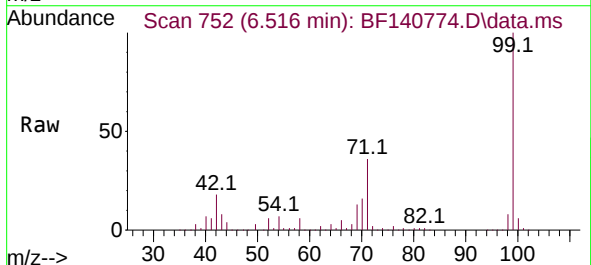
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

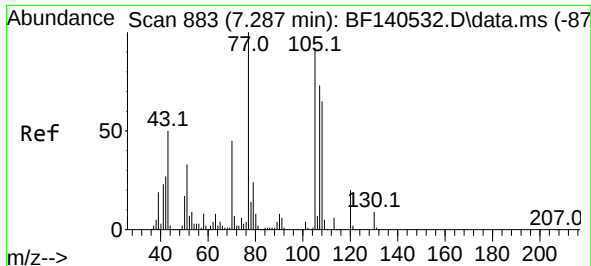
Tgt Ion:112 Resp: 571755
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.8 27.0 40.4



#7
Phenol-d6
Concen: 122.196 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

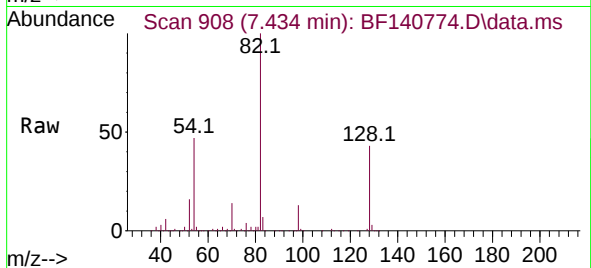
Tgt Ion: 99 Resp: 686545
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.3 30.6 46.0



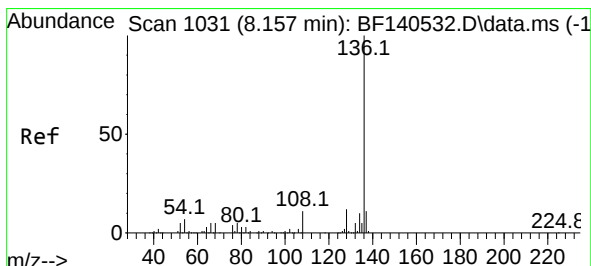
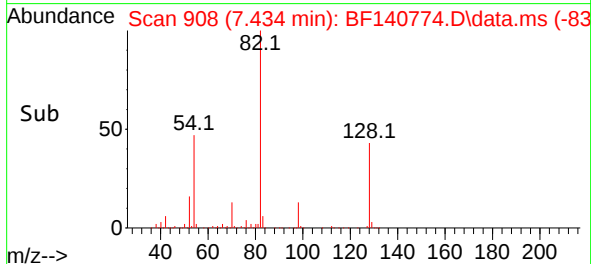
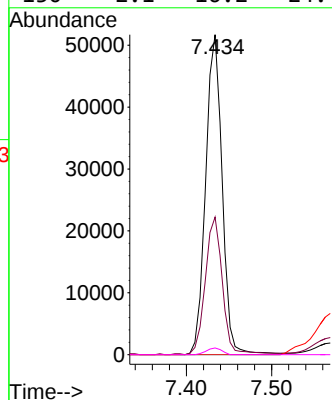


#19
n-Nitroso-di-n-propylamine
Concen: 20.984 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

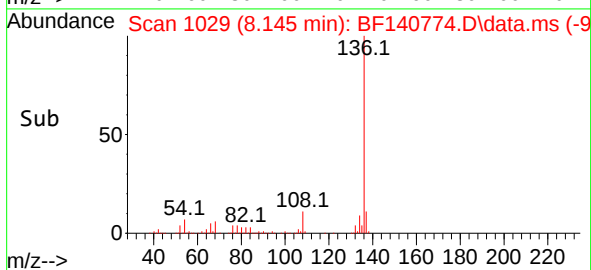
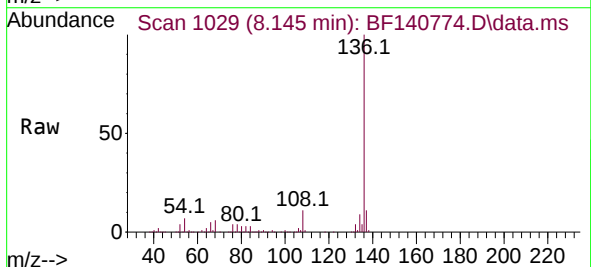
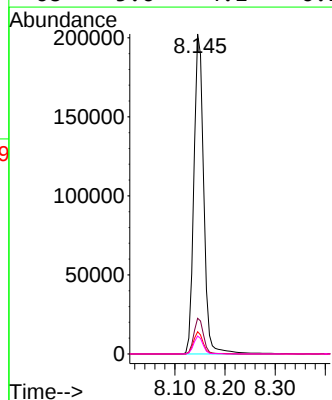


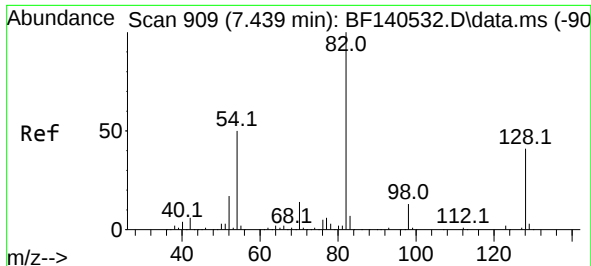
Tgt Ion: 70 Resp: 69677
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



#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

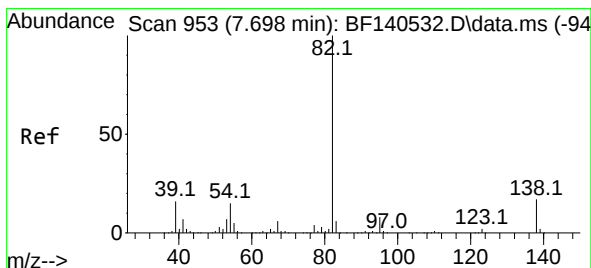
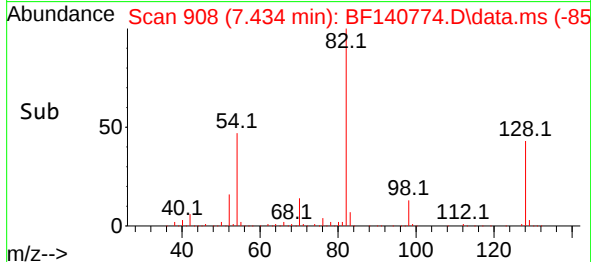
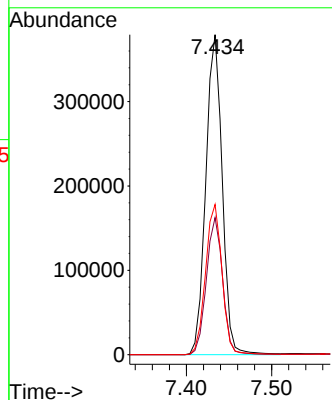
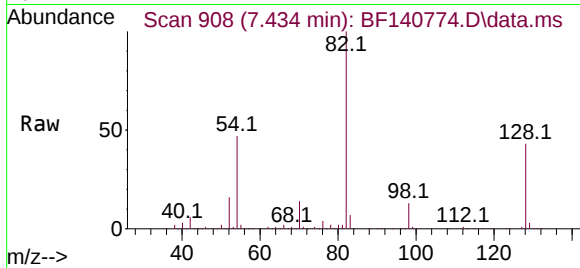




#23
Nitrobenzene-d5
Concen: 94.499 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

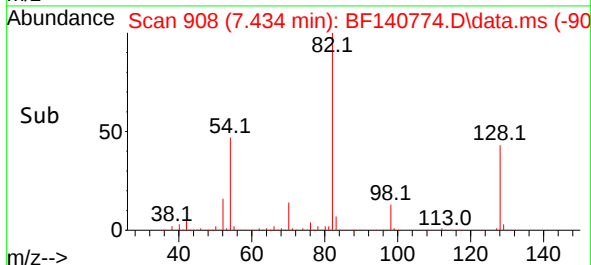
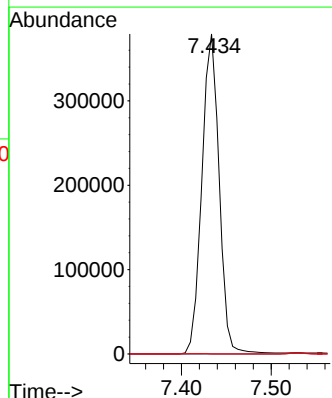
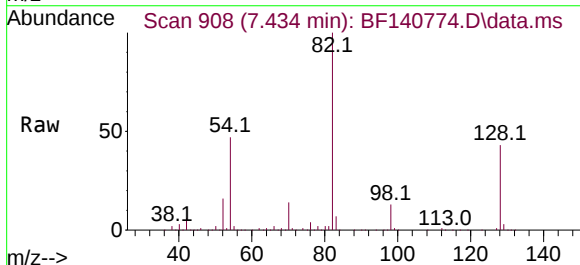
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

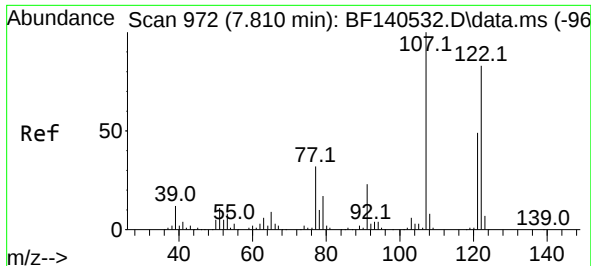
Tgt Ion: 82 Resp: 508029
Ion Ratio Lower Upper
82 100
128 42.8 33.0 49.4
54 46.9 39.5 59.3



#25
Isophorone
Concen: 56.656 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

Tgt Ion: 82 Resp: 508021
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#





#27

2,4-Dimethylphenol

Concen: 6.181 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.112 min

Lab File: BF140774.D

Acq: 06 Dec 2024 18:34

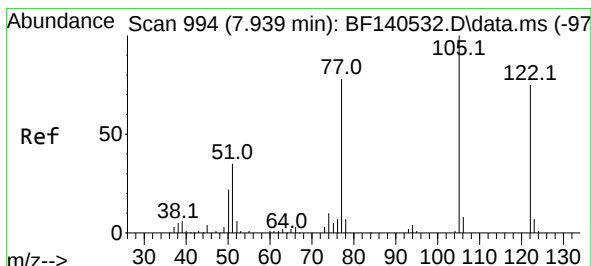
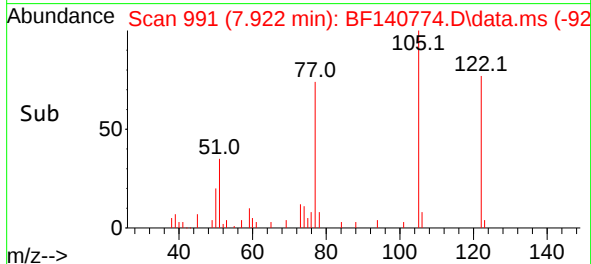
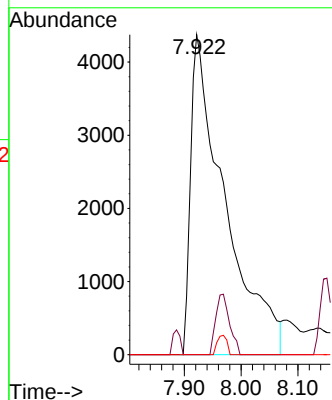
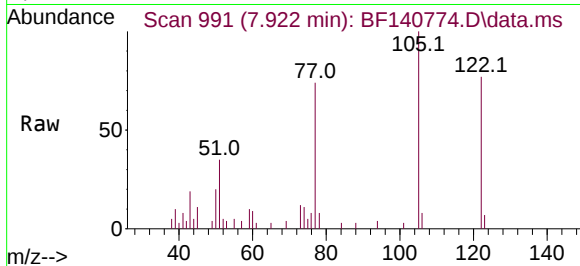
Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

Tgt Ion:122 Resp: 18210
 Ion Ratio Lower Upper
 122 100
 107 0.0 96.8 145.2#
 121 0.0 47.4 71.0#



#32

Benzoic acid

Concen: 13.231 ng

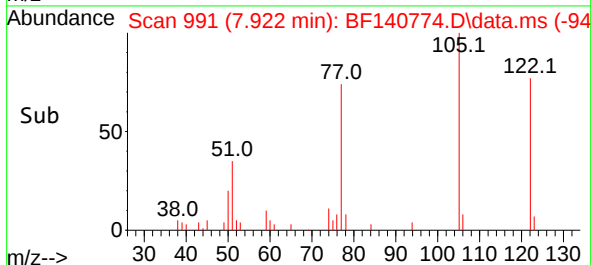
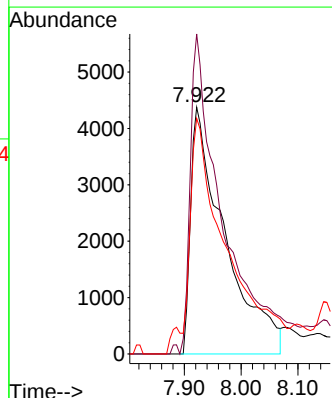
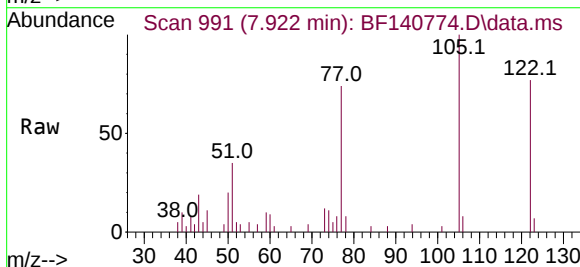
RT: 7.922 min Scan# 991

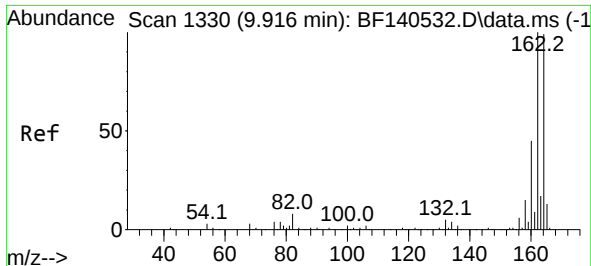
Delta R.T. -0.017 min

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

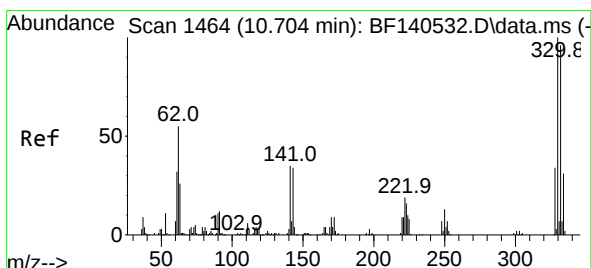
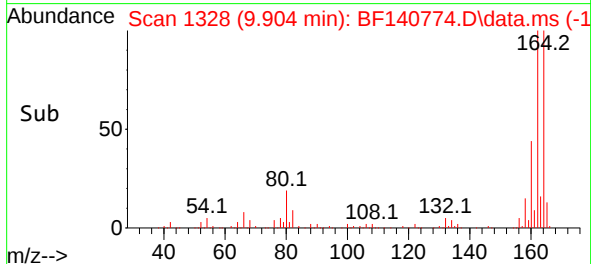
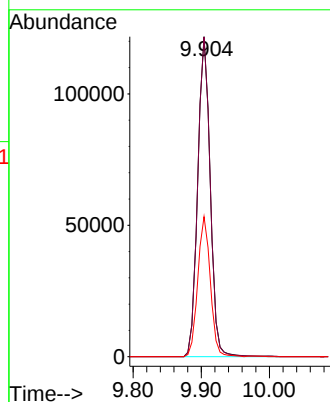
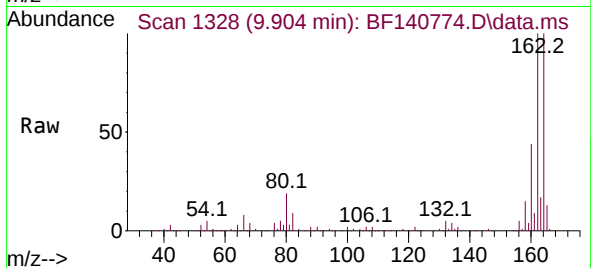
Tgt Ion:164 Resp: 155140

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

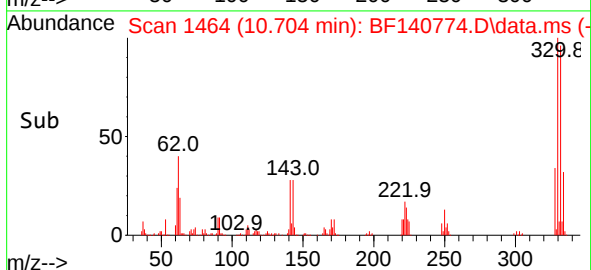
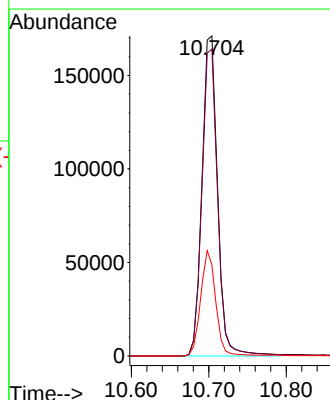
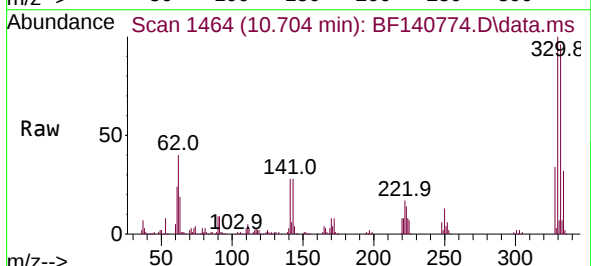
Tgt Ion:330 Resp: 239944

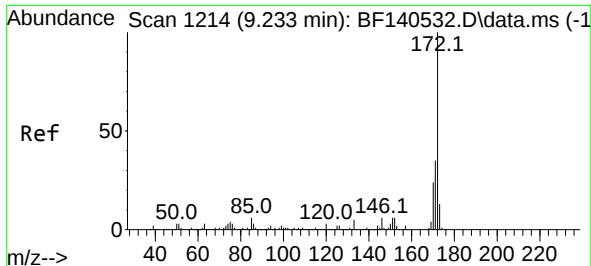
Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.0 26.7 40.1

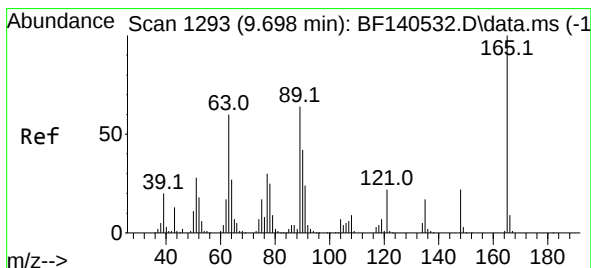
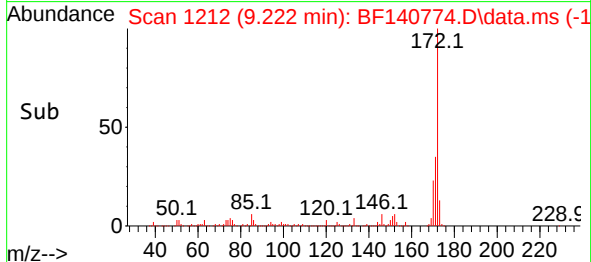
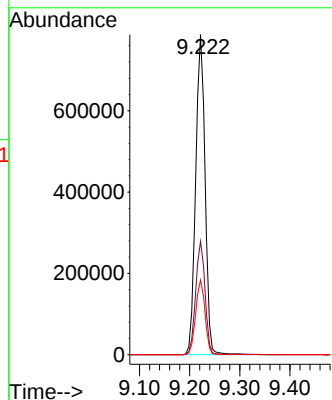
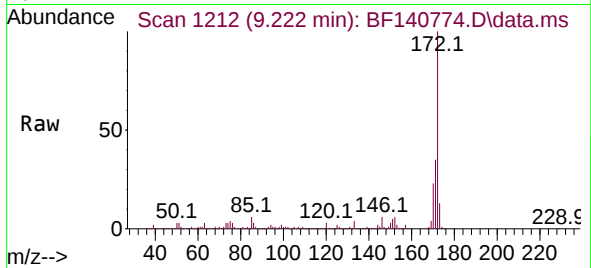




#45
2-Fluorobiphenyl
Concen: 98.593 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

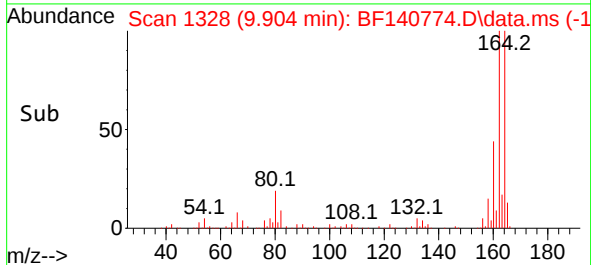
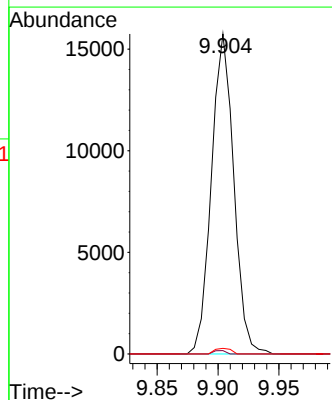
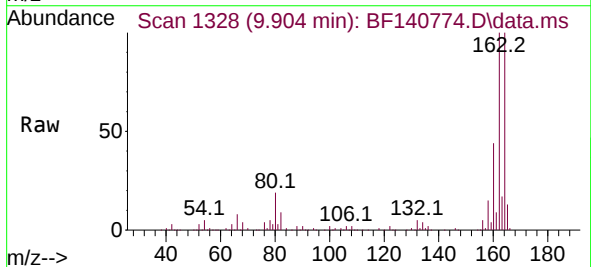
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

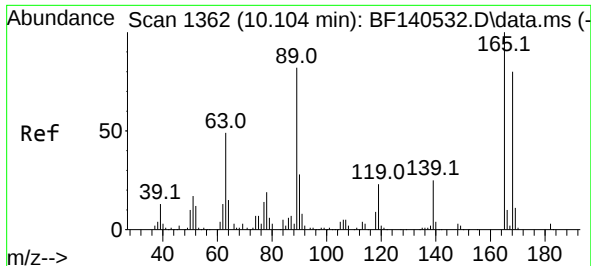
Tgt Ion:172 Resp: 1026596
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.672 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

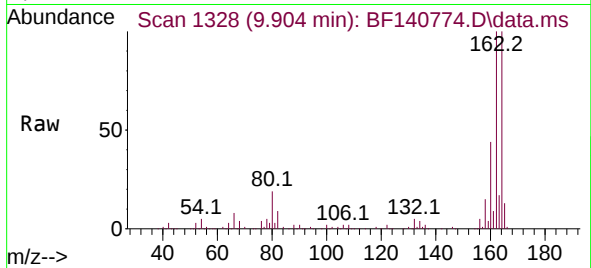
Tgt Ion:165 Resp: 20095
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.8 50.9 76.3#



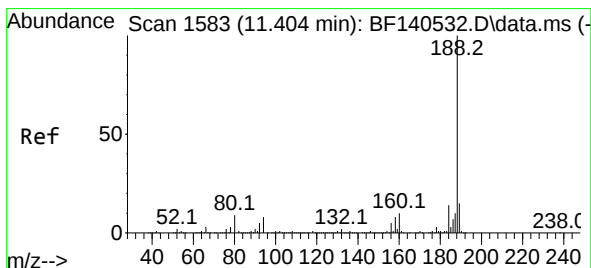
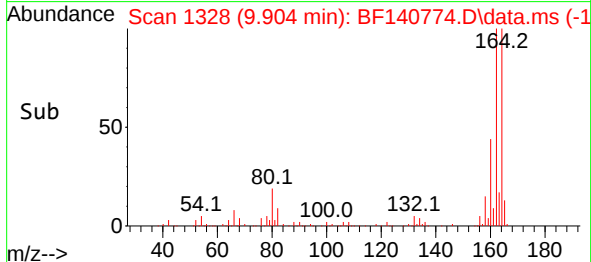
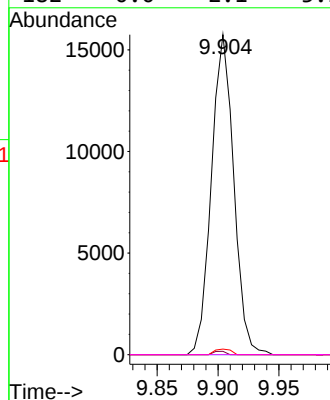


#57
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

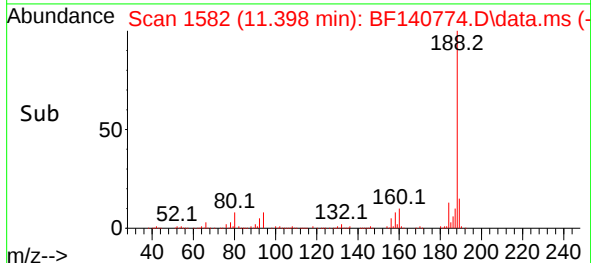
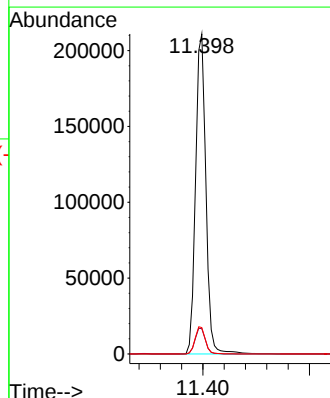
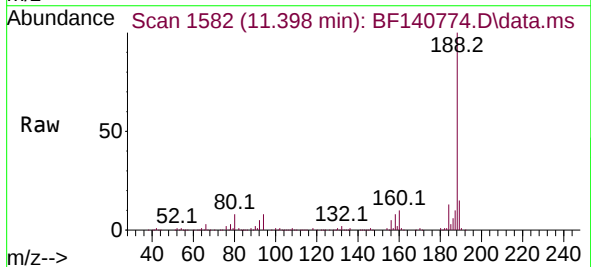


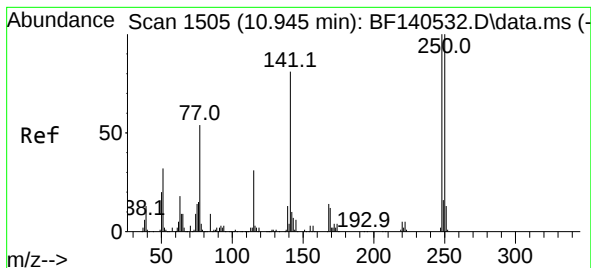
Tgt Ion:165 Resp: 20095
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.8 65.8 98.8#
182 0.0 2.1 3.1#



#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

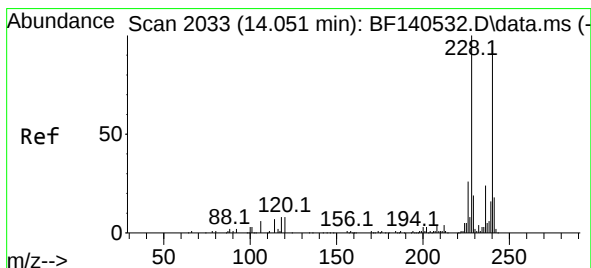
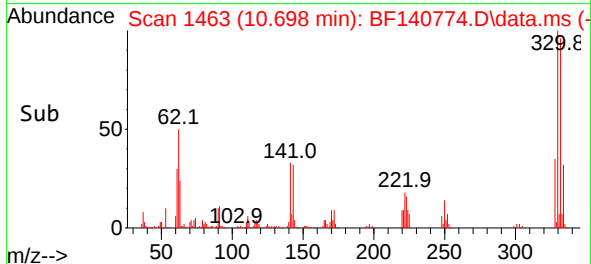
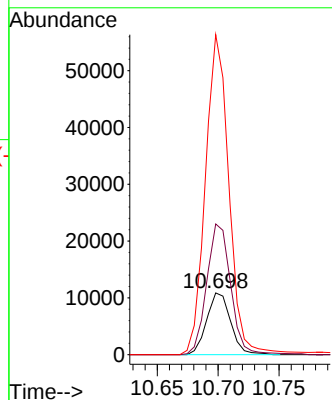
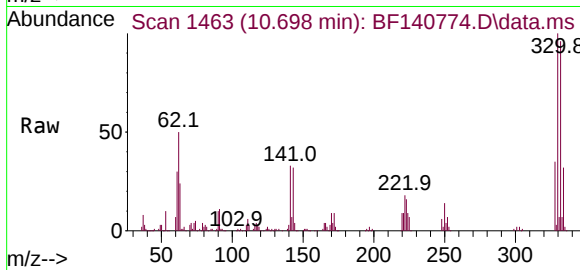




#67
4-Bromophenyl-phenylether
Concen: 5.091 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

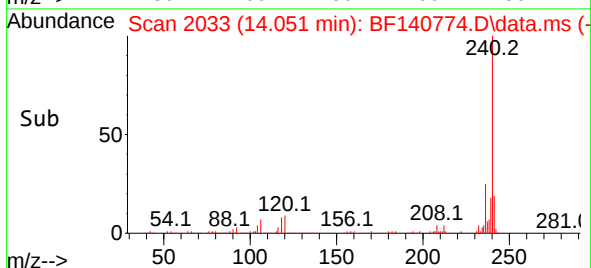
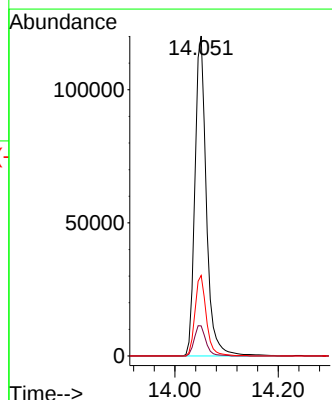
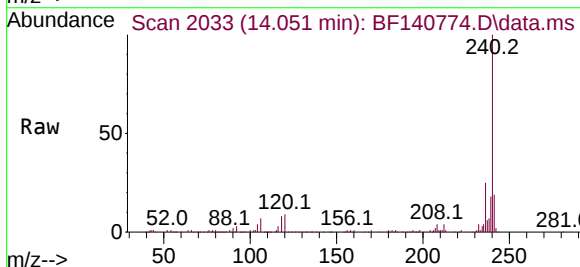
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

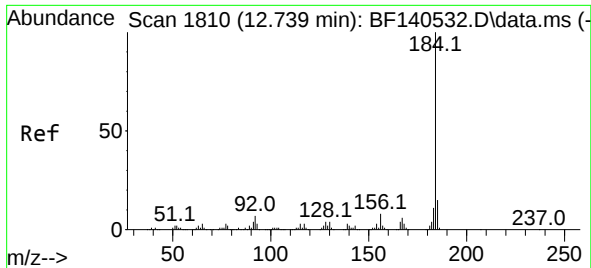
Tgt Ion:248 Resp: 14871
Ion Ratio Lower Upper
248 100
250 211.5 79.8 119.8#
141 518.1 64.7 97.1#



#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

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

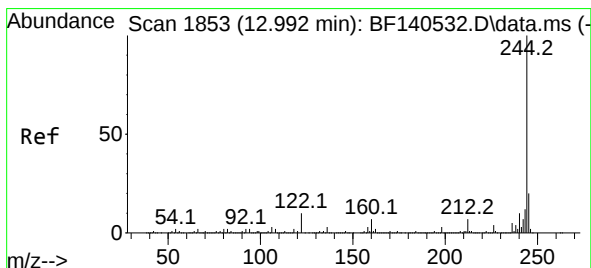
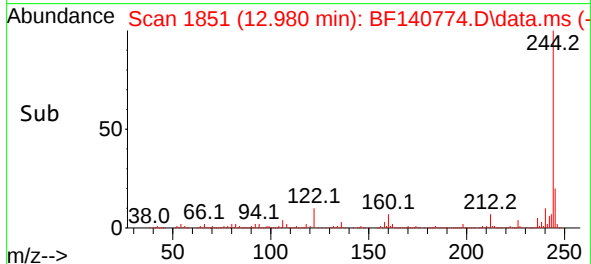
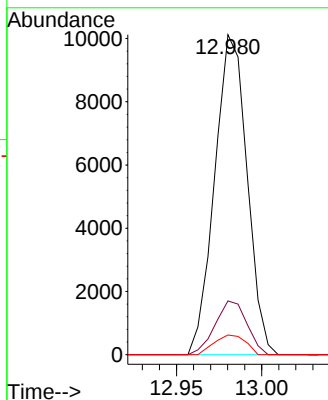
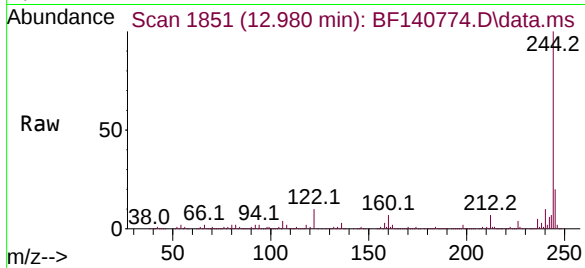




#77
Benzidine
Concen: 2.493 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140774.D
Acq: 06 Dec 2024 18:34

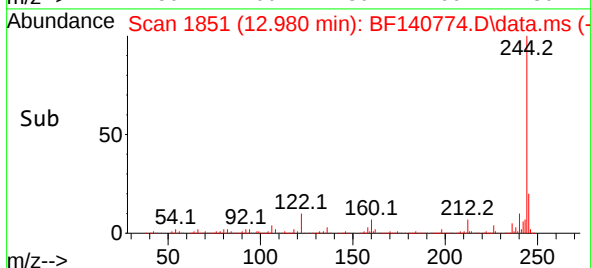
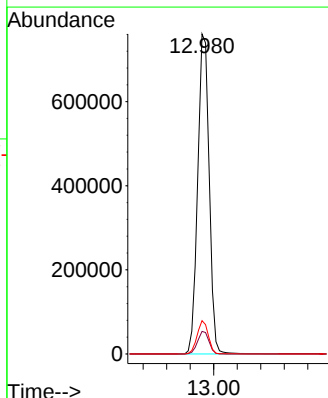
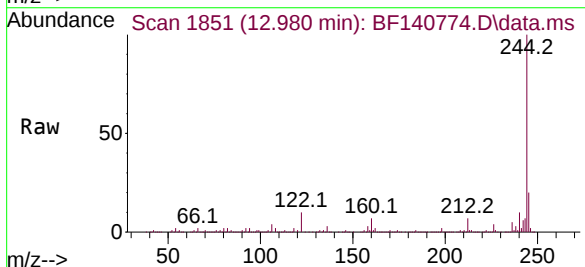
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

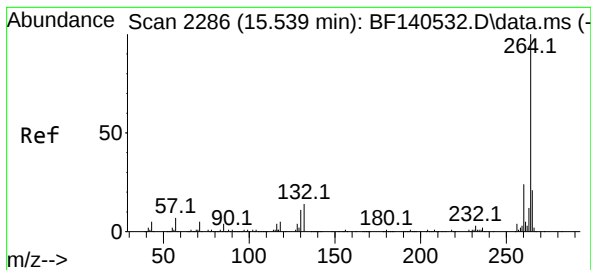
Tgt Ion:184 Resp: 13366
Ion Ratio Lower Upper
184 100
185 16.8 11.7 17.5
183 6.1 8.8 13.2#



#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

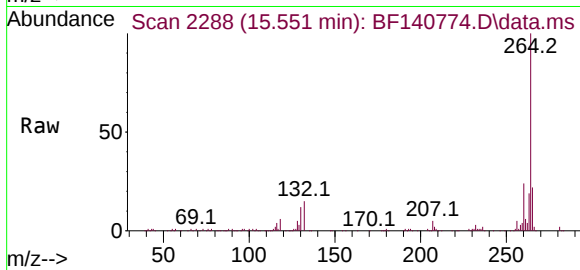
Acq: 06 Dec 2024 18:34

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

