

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140775.D
 Acq On : 06 Dec 2024 19:00
 Operator : RC/JU
 Sample : P5136-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 06 21:56:07 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)

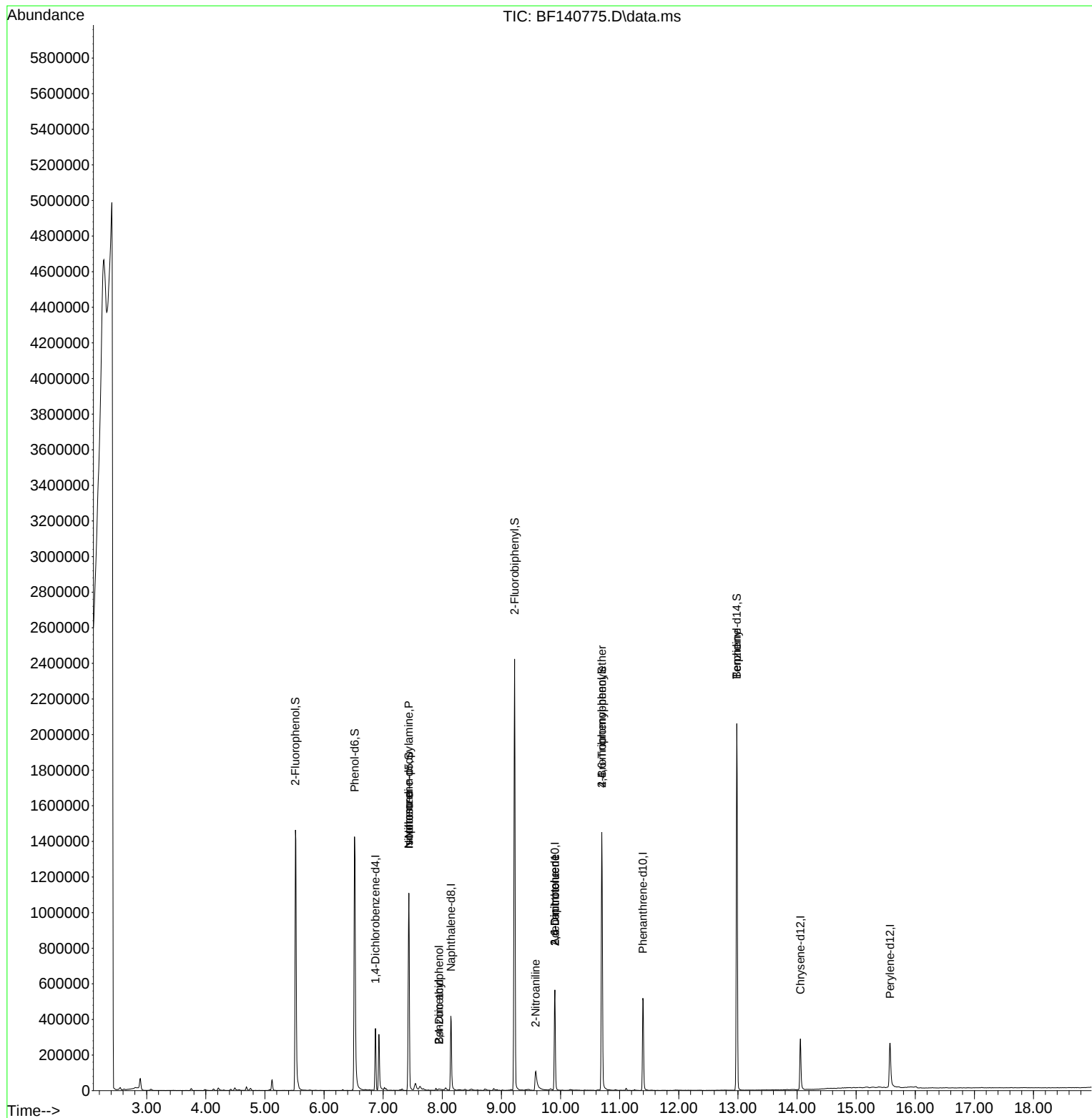
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73273	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	277866	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	177564	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	306620	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	160942	20.000	ng	0.00
86) Perylene-d12	15.574	264	186676	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	618667	144.061	ng	0.02
7) Phenol-d6	6.516	99	788356	138.858	ng	0.00
23) Nitrobenzene-d5	7.434	82	518445	95.437	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	266673	140.424	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1094045	91.802	ng	-0.01
79) Terphenyl-d14	12.980	244	1037858	100.414	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	69963	20.851	ng	# 74
25) Isophorone	7.434	82	518442	57.219	ng	# 66
27) 2,4-Dimethylphenol	7.945	122	7868	2.643	ng	# 1
32) Benzoic acid	7.945	122	8438	9.961	ng	# 97
48) 2-Nitroaniline	9.581	65	28136	8.726	ng	# 11
51) 2,6-Dinitrotoluene	9.904	165	22356	8.429	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	22356	6.342	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16659	5.276	ng	# 1
77) Benzidine	12.980	184	13616	2.910	ng	# 95

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

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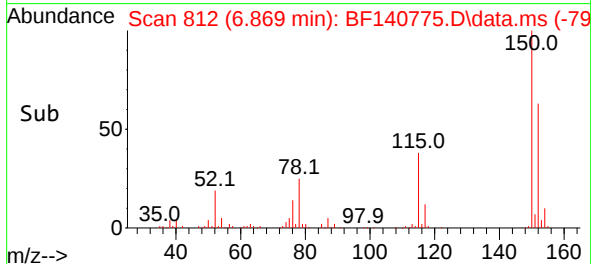
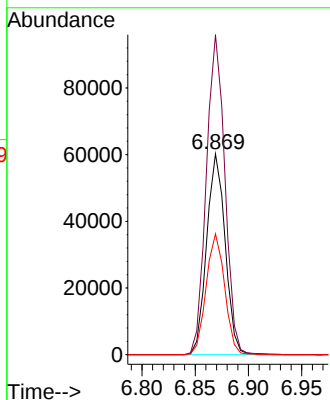
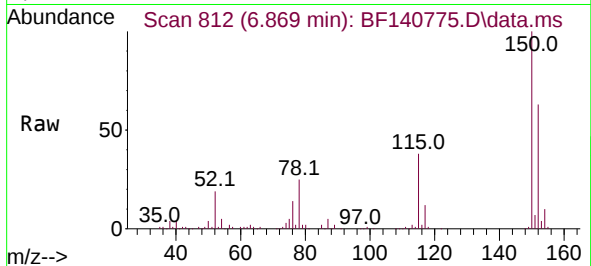




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

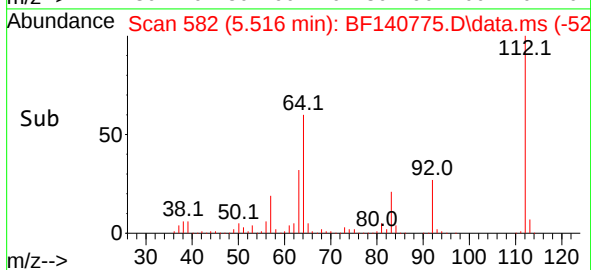
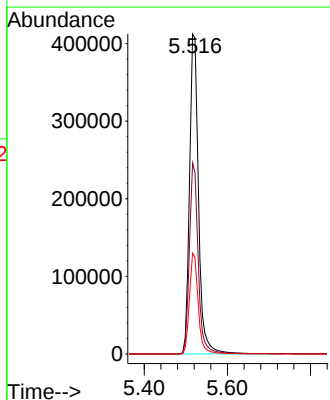
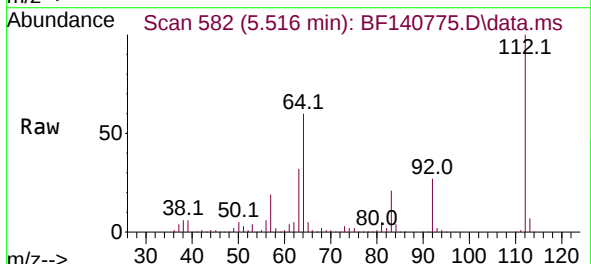
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 73273
Ion Ratio Lower Upper
152 100
150 159.3 128.5 192.7
115 60.2 50.2 75.4



#5
2-Fluorophenol
Concen: 144.061 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion:112 Resp: 618667
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.5 27.0 40.4

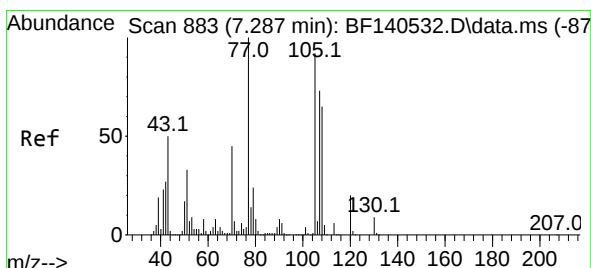
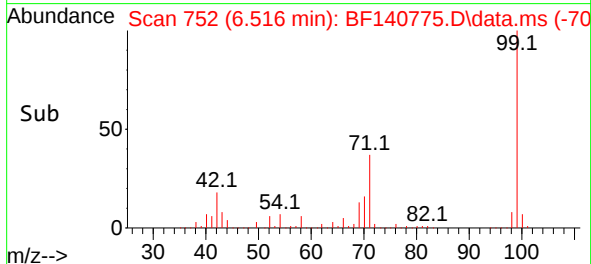
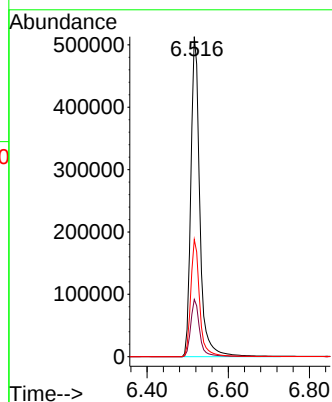
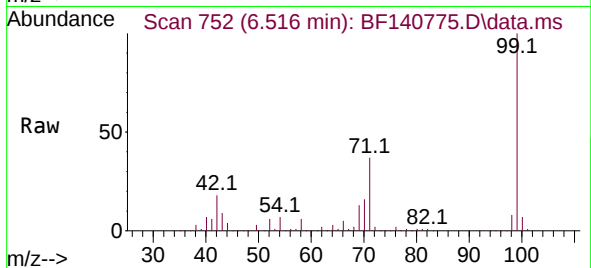




#7
Phenol-d6
Concen: 138.858 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

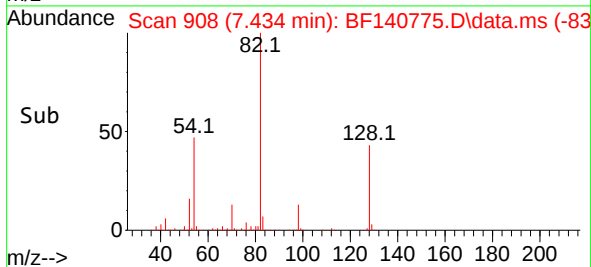
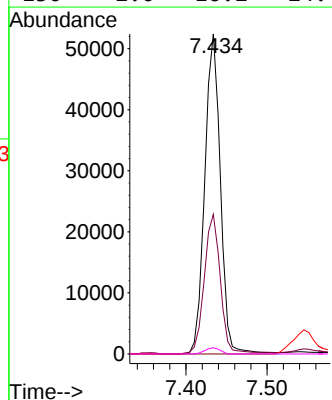
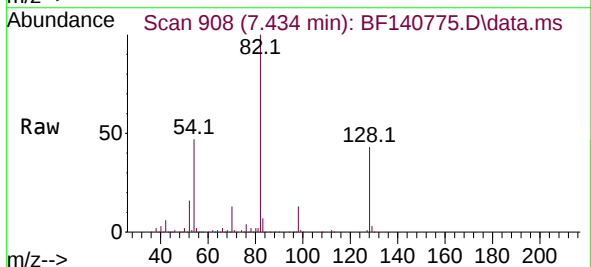
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 788356
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.851 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion: 70 Resp: 69963
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



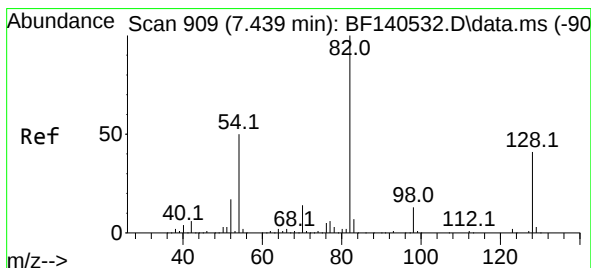
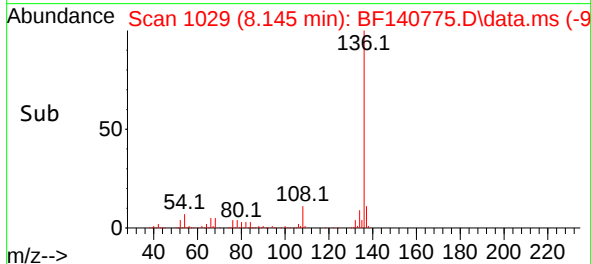
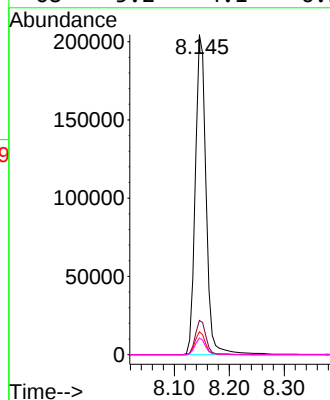
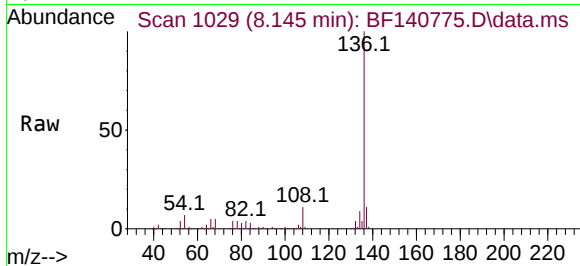


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 277866

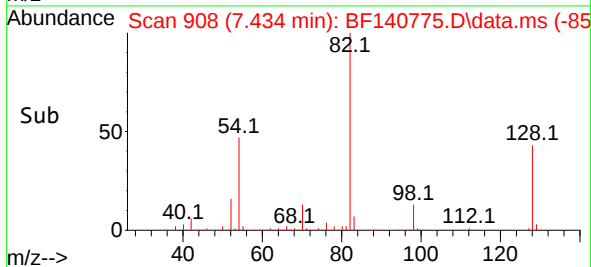
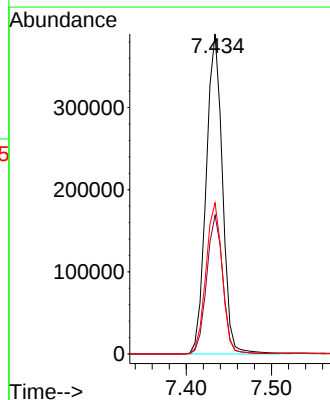
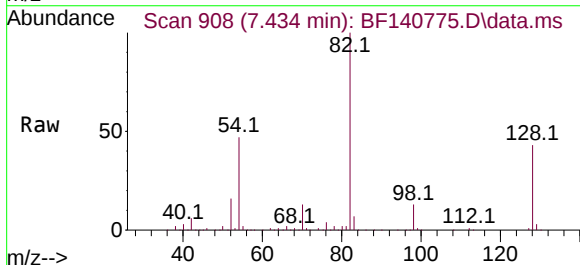
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	5.8	8.8
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 95.437 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion: 82 Resp: 518445

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	47.2	39.5	59.3

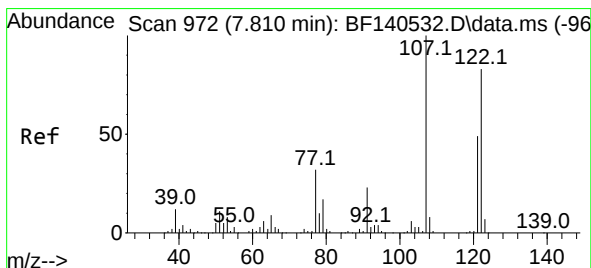
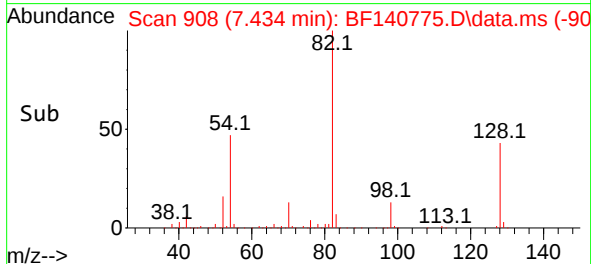
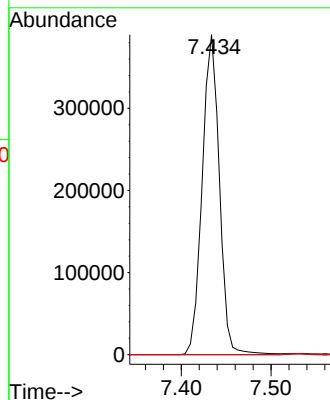
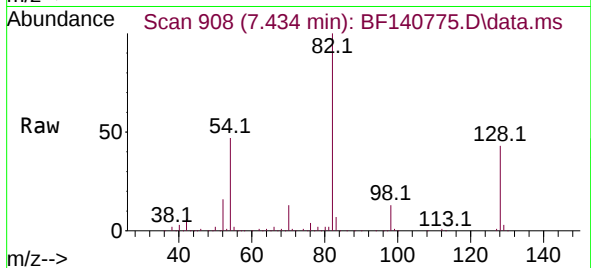




#25
Isophorone
Concen: 57.219 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

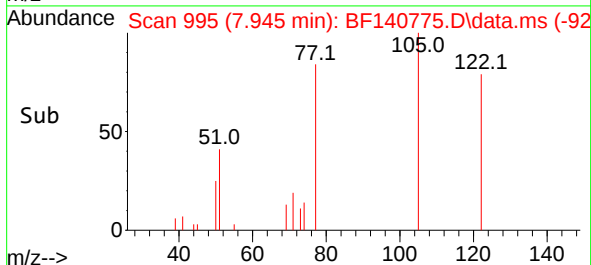
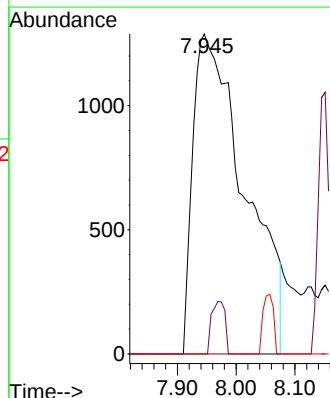
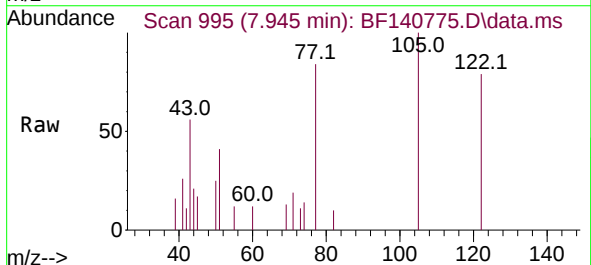
Instrument :
BNA_F
ClientSampleId :
COMP-1

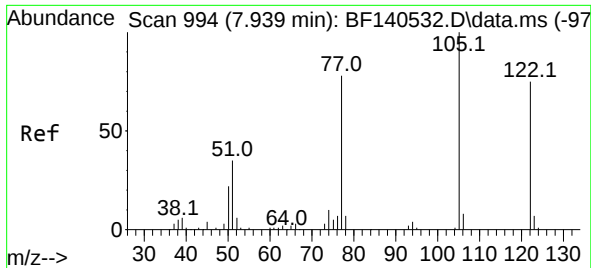
Tgt Ion: 82 Resp: 518442
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 2.643 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.135 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion: 122 Resp: 7868
Ion Ratio Lower Upper
122 100
107 0.0 96.8 145.2#
121 0.0 47.4 71.0#

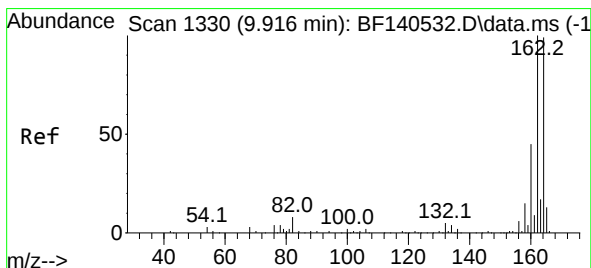
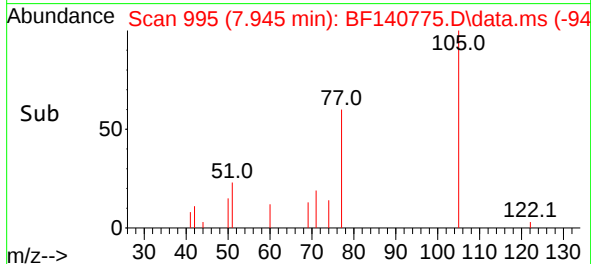
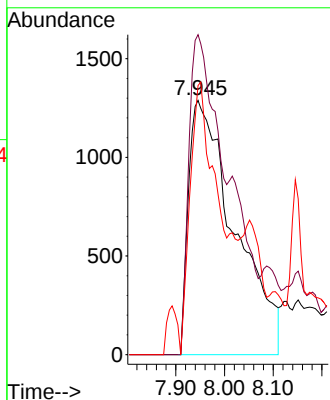
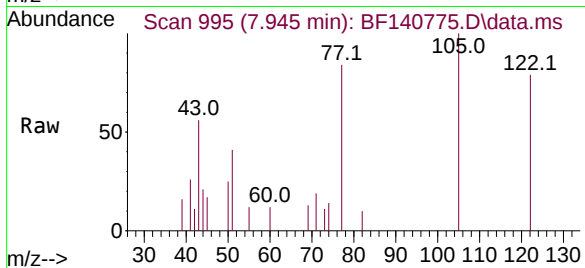




#32
Benzoic acid
Concen: 9.961 ng
RT: 7.945 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

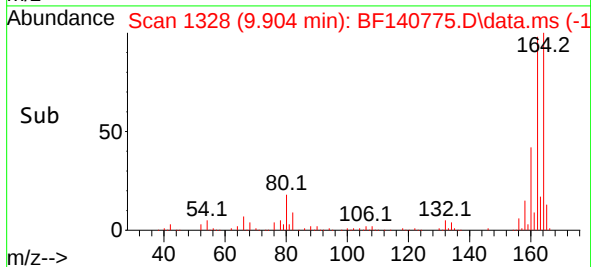
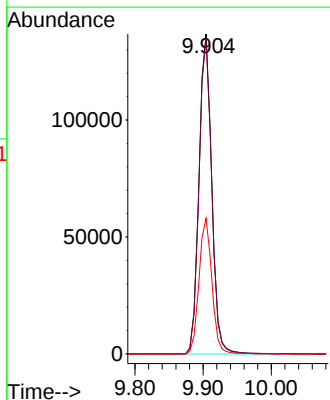
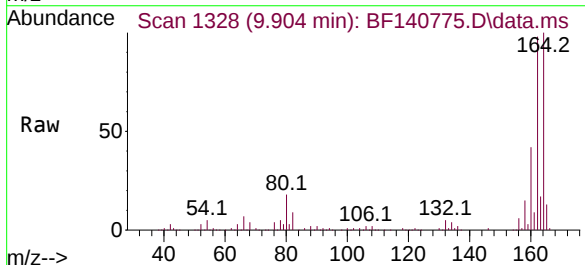
Instrument :
BNA_F
ClientSampleId :
COMP-1

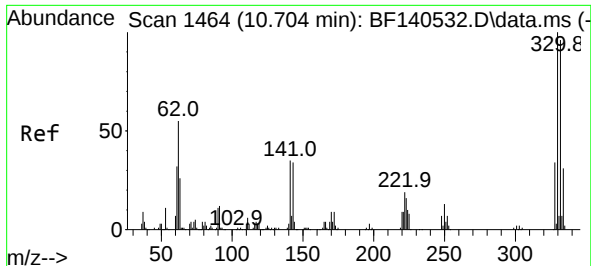
Tgt Ion:	122	Resp:	8438
Ion	Ratio	Lower	Upper
122	100		
105	125.8	109.3	149.3
77	105.8	82.3	122.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion:	164	Resp:	177564
Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	42.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 140.424 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140775.D

Acq: 06 Dec 2024 19:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

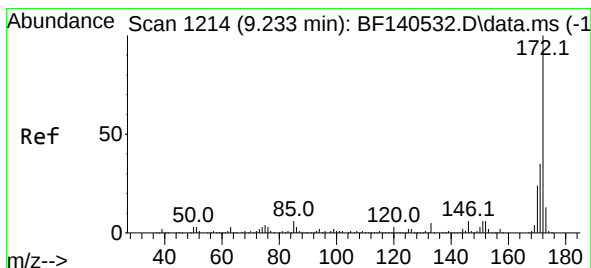
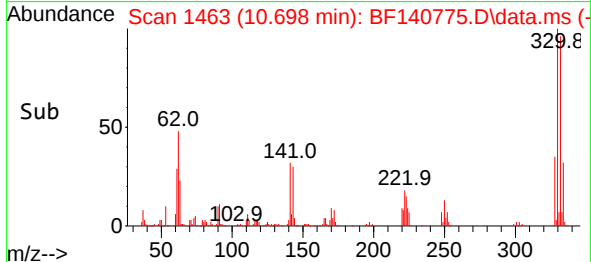
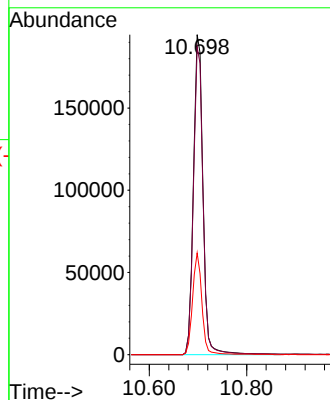
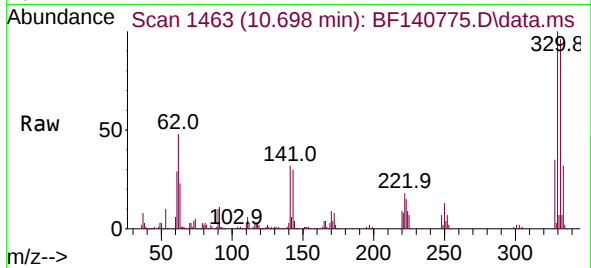
Tgt Ion:330 Resp: 266673

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 30.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 91.802 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140775.D

Acq: 06 Dec 2024 19:00

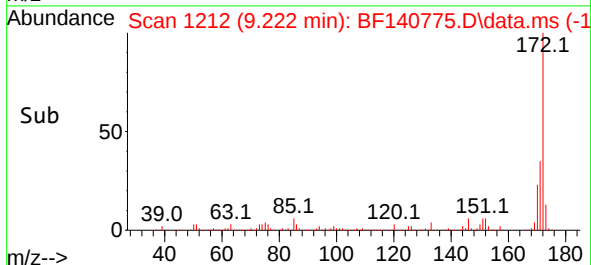
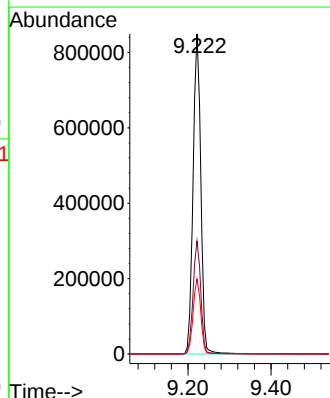
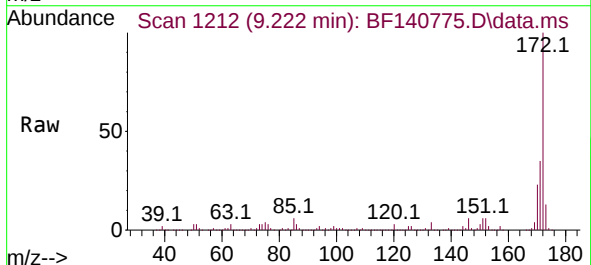
Tgt Ion:172 Resp: 1094045

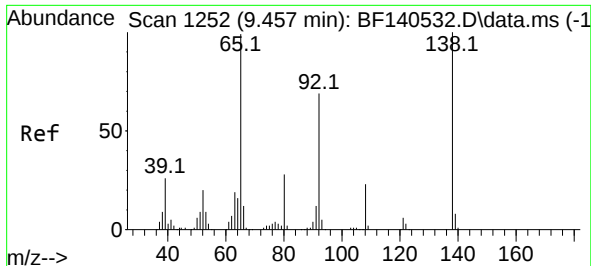
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.0 28.6





#48

2-Nitroaniline

Concen: 8.726 ng

RT: 9.581 min Scan# 1

Delta R.T. 0.124 min

Lab File: BF140775.D

Acq: 06 Dec 2024 19:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

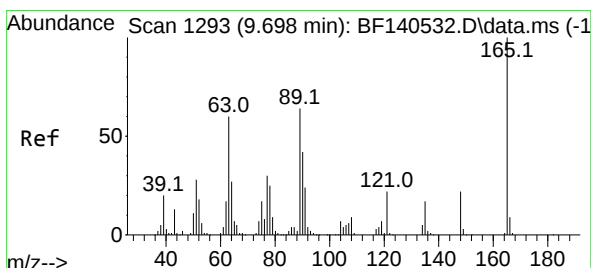
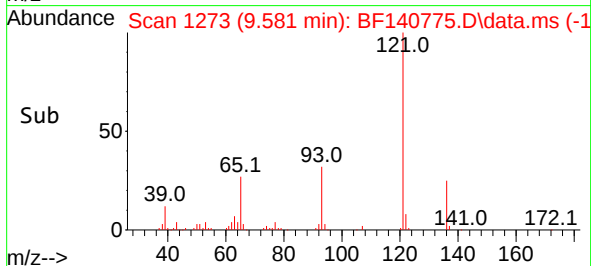
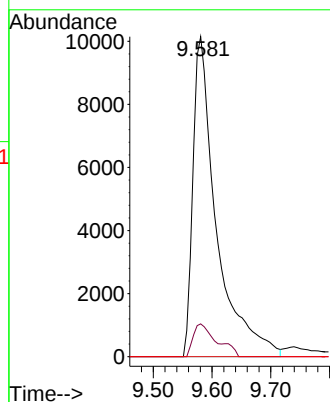
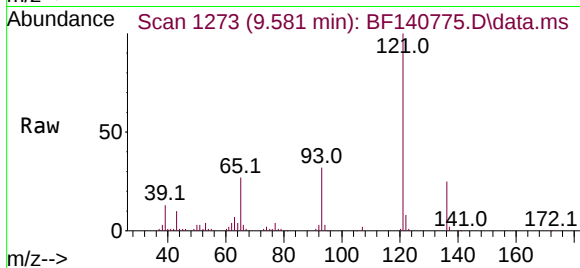
Tgt Ion: 65 Resp: 28136

Ion Ratio Lower Upper

65 100

92 10.2 56.1 84.1#

138 0.0 81.0 121.6#



#51

2,6-Dinitrotoluene

Concen: 8.429 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140775.D

Acq: 06 Dec 2024 19:00

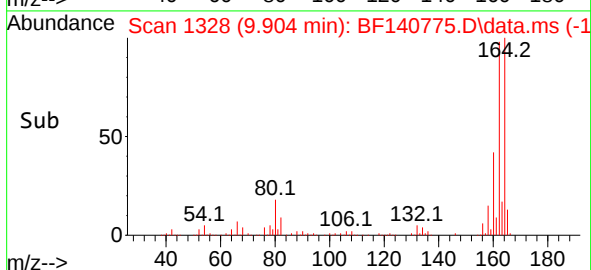
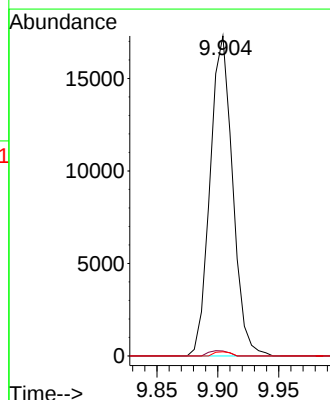
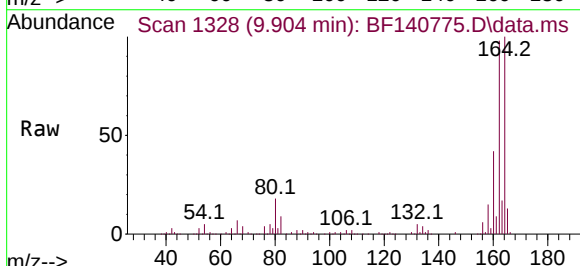
Tgt Ion: 165 Resp: 22356

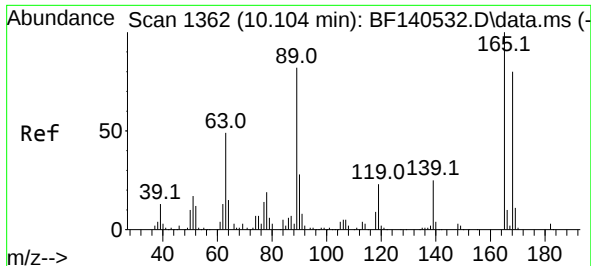
Ion Ratio Lower Upper

165 100

63 1.5 49.9 74.9#

89 1.3 50.9 76.3#

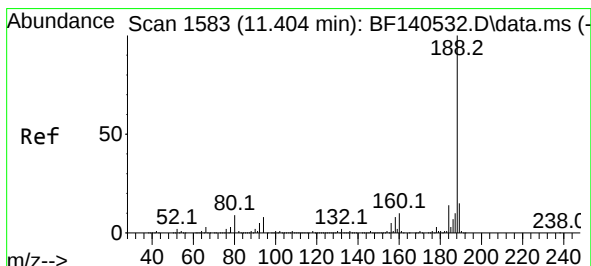
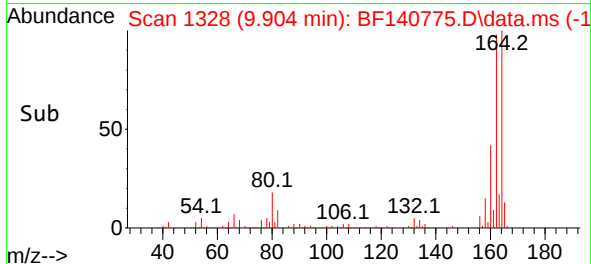
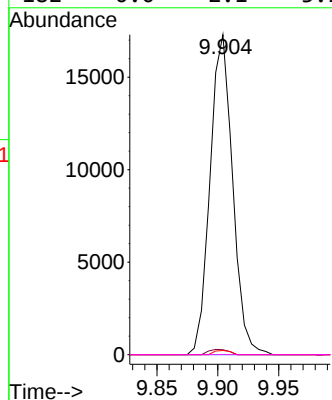
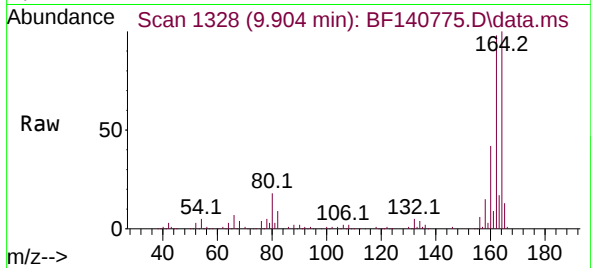




#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

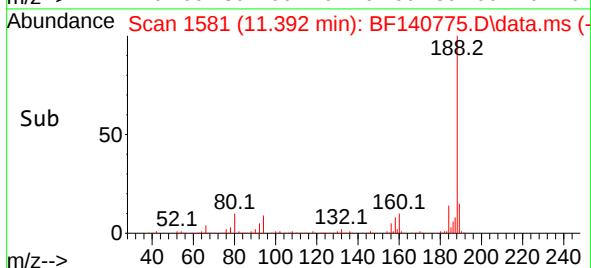
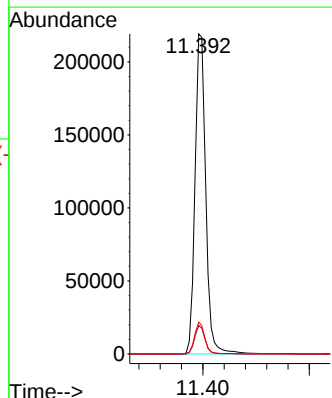
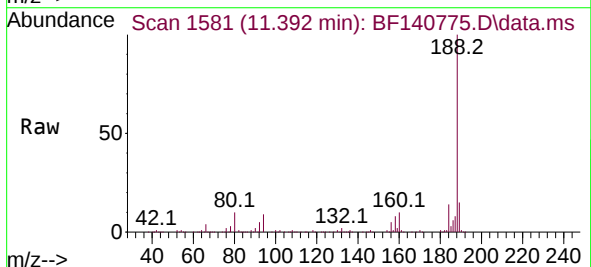
Instrument :
BNA_F
ClientSampleId :
COMP-1

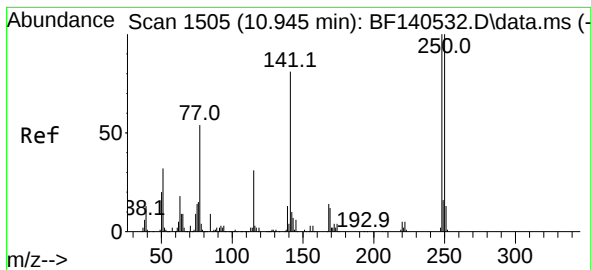
Tgt Ion:165	Resp:	22356
Ion Ratio	Lower	Upper
165	100	
63	1.5	41.7 62.5#
89	1.3	65.8 98.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion:188	Resp:	306620
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.4 9.6
80	10.0	6.9 10.3

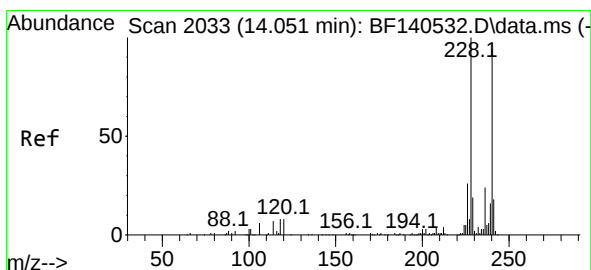
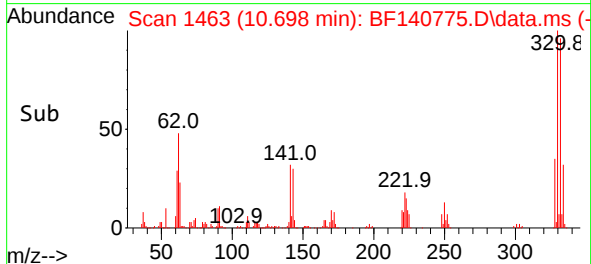
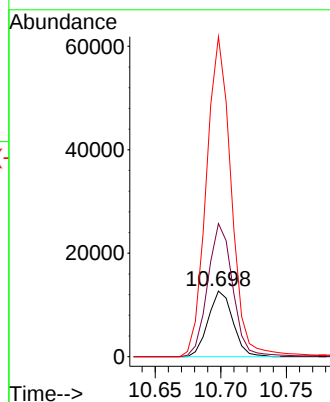
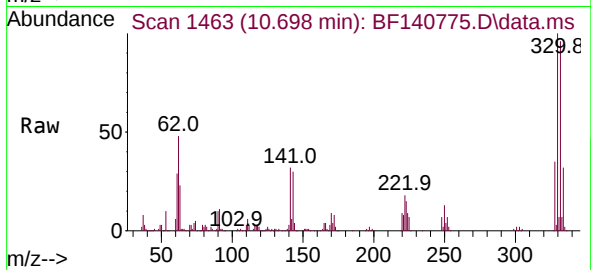




#67
4-Bromophenyl-phenylether
Concen: 5.276 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

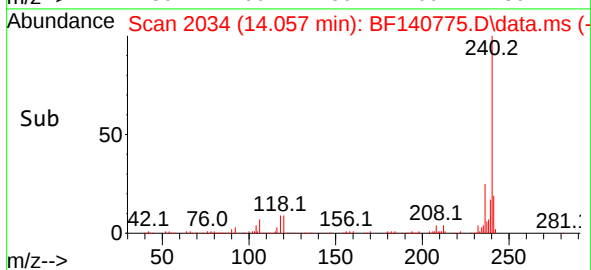
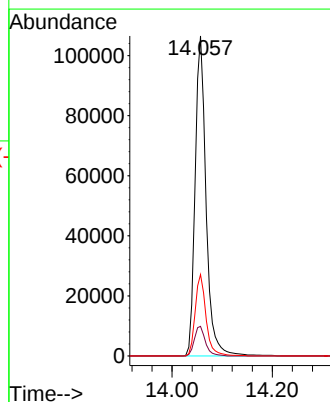
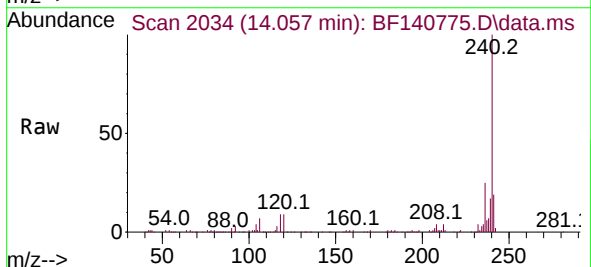
Instrument :
BNA_F
ClientSampleId :
COMP-1

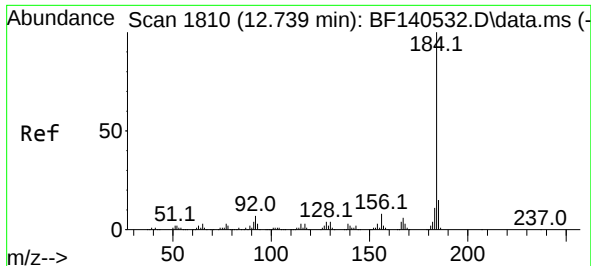
Tgt Ion:248 Resp: 16659
Ion Ratio Lower Upper
248 100
250 202.9 79.8 119.8#
141 487.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion:240 Resp: 160942
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.4 20.6 31.0

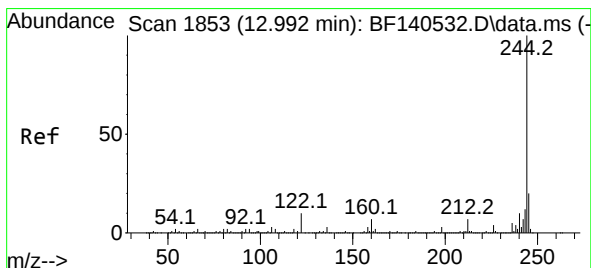
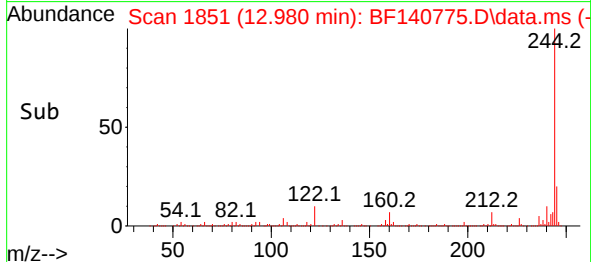
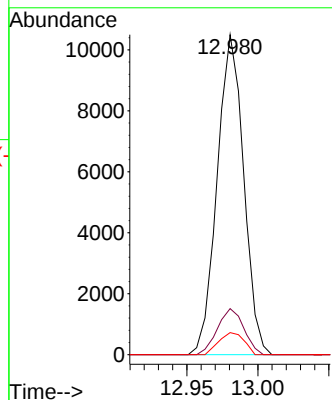
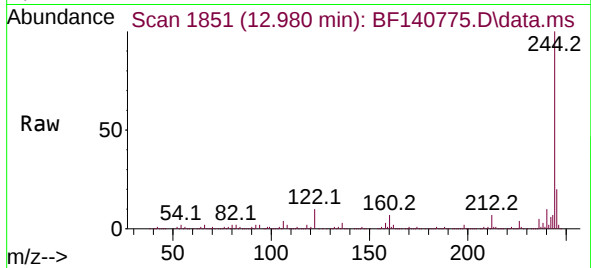




#77
Benzidine
Concen: 2.910 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

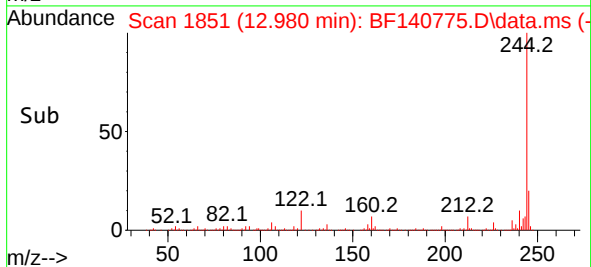
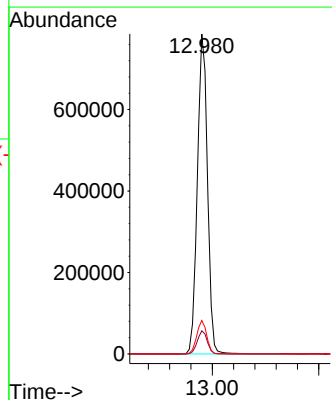
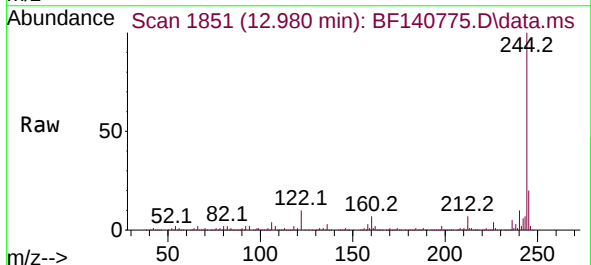
Instrument :
BNA_F
ClientSampleId :
COMP-1

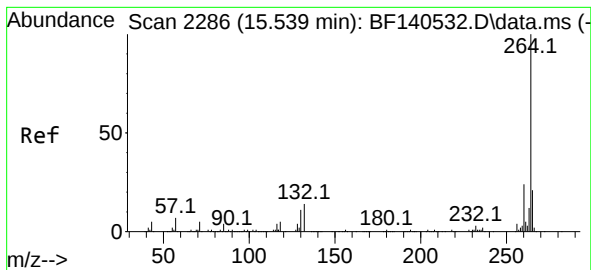
Tgt Ion:184 Resp: 13616
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 100.414 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

Tgt Ion:244 Resp: 1037858
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140775.D

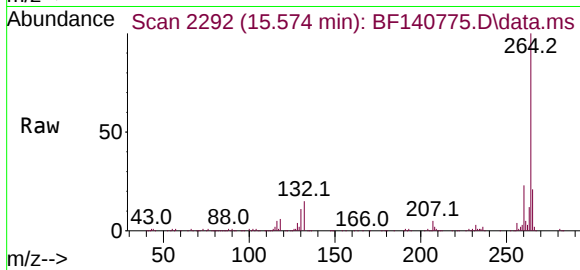
Acq: 06 Dec 2024 19:00

Instrument :

BNA_F

ClientSampleId :

COMP-1



Tgt Ion:264 Resp: 186676

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.0 16.6 25.0

