

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 23:42:42 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)

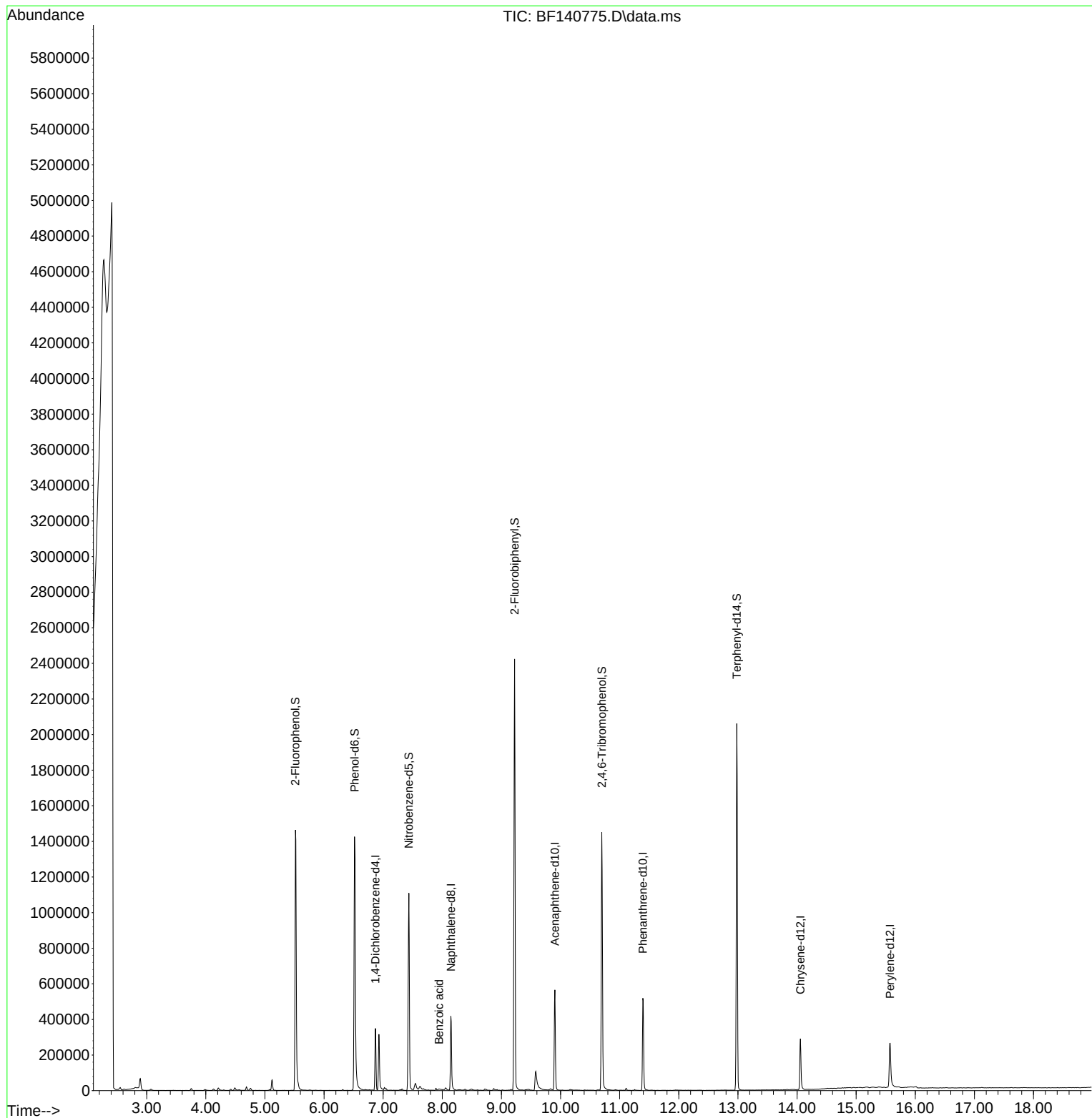
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73273	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	277866	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	177564	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	306620	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	160942	20.000	ng	0.00
86) Perylene-d12	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						
32) Benzoic acid	7.945	122	8438	9.961	ng	Qvalue 97

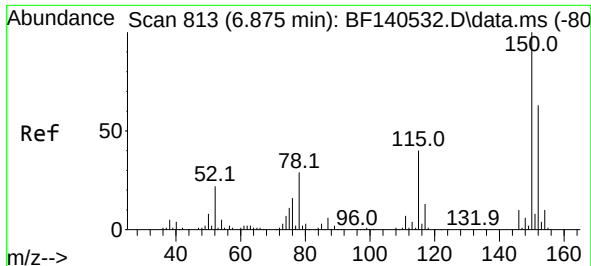
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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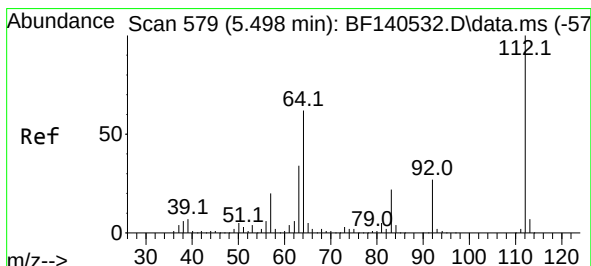
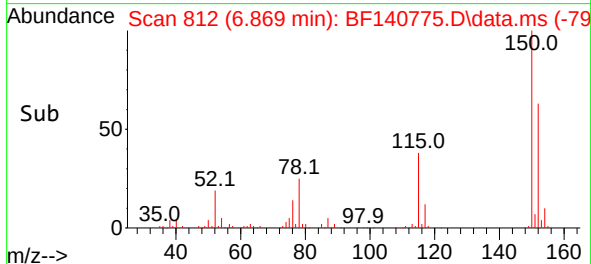
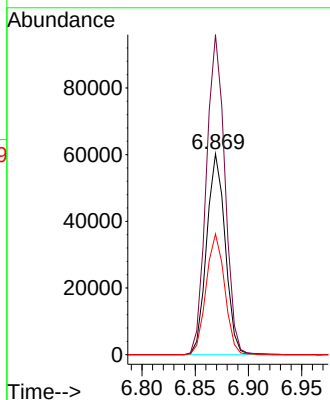
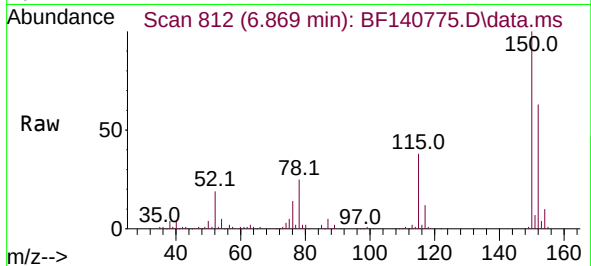




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

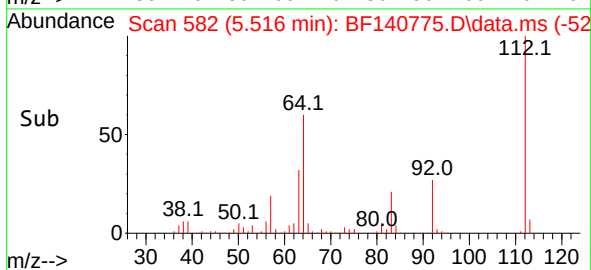
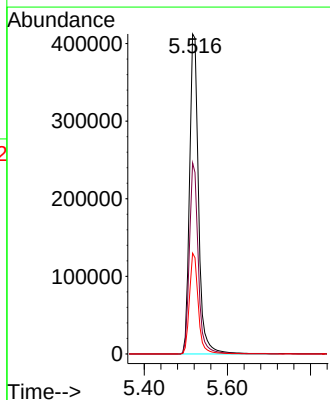
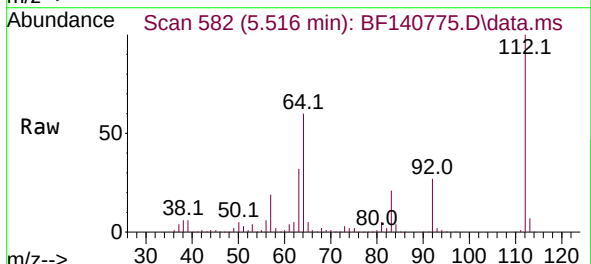
Instrument :
BNA_F
ClientSampleId :
COMP-1

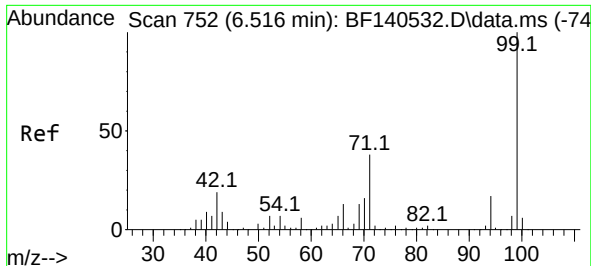
Tgt Ion:152 Resp: 73273
Ion Ratio Lower Upper
152 100
150 159.3 128.5 192.7
115 60.2 50.2 75.4



#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

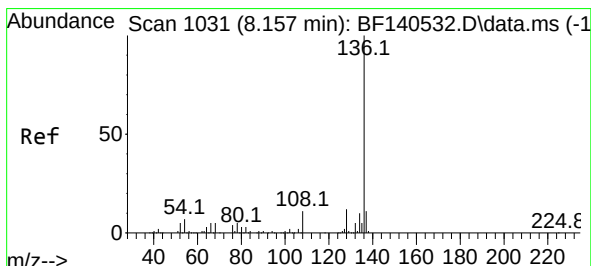
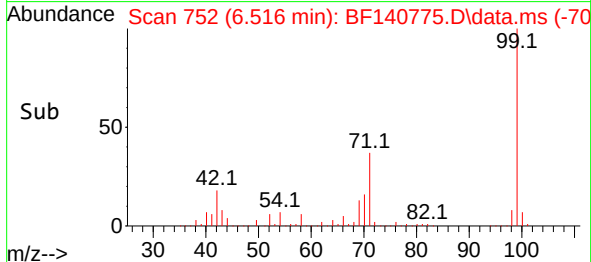
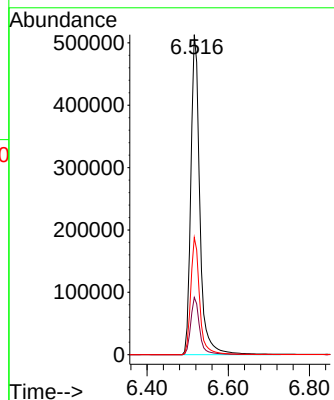
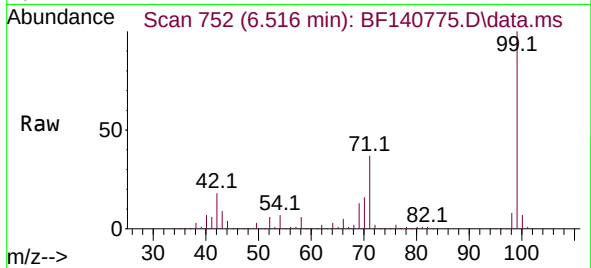




#7
Phenol-d6
Concen: 138.858 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

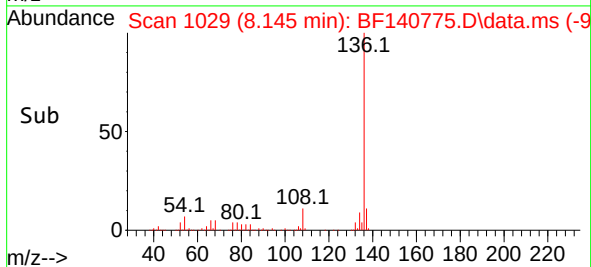
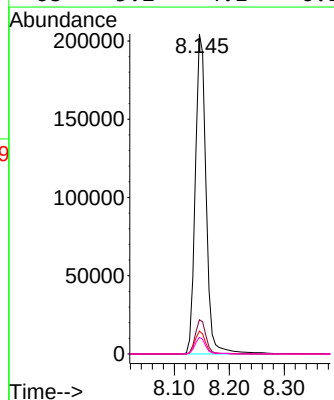
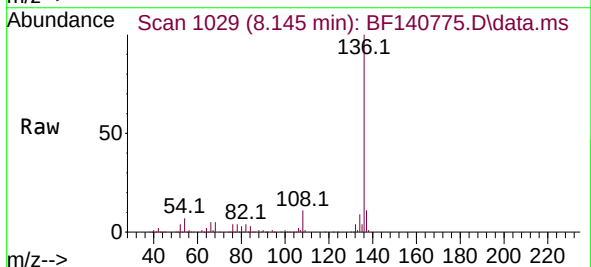
Instrument :
BNA_F
ClientSampleId :
COMP-1

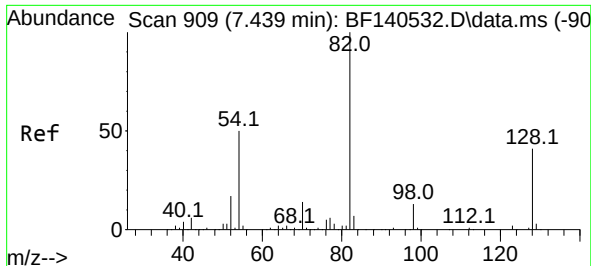
Tgt Ion: 99 Resp: 788356
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

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

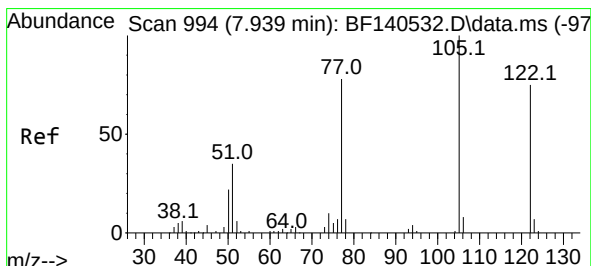
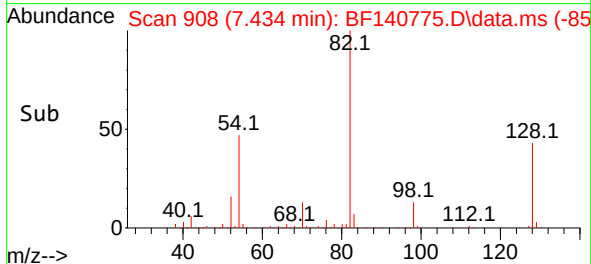
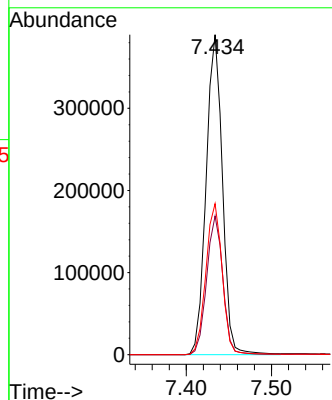
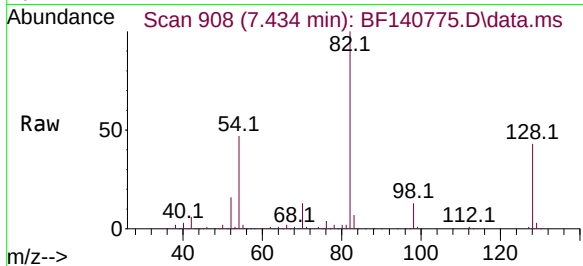




#23
 Nitrobenzene-d5
 Concen: 95.437 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140775.D
 Acq: 06 Dec 2024 19:00

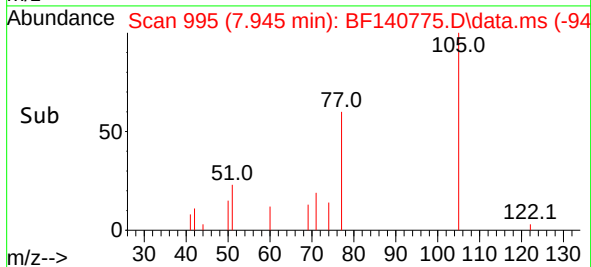
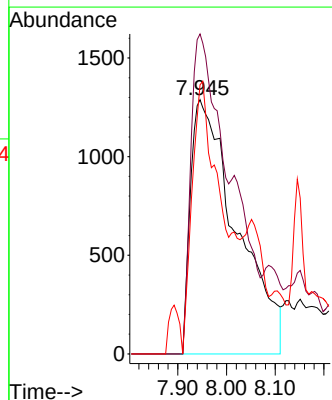
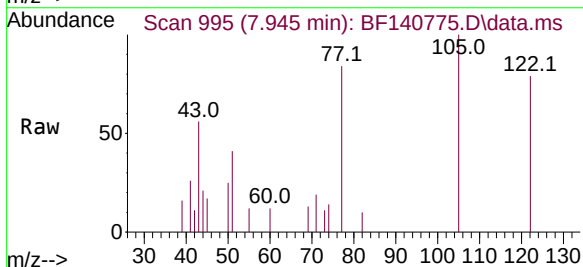
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

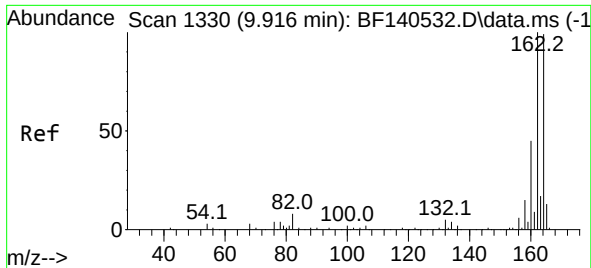
Tgt Ion: 82 Resp: 518445
 Ion Ratio Lower Upper
 82 100
 128 43.3 33.0 49.4
 54 47.2 39.5 59.3



#32
 Benzoic acid
 Concen: 9.961 ng
 RT: 7.945 min Scan# 995
 Delta R.T. 0.006 min
 Lab File: BF140775.D
 Acq: 06 Dec 2024 19:00

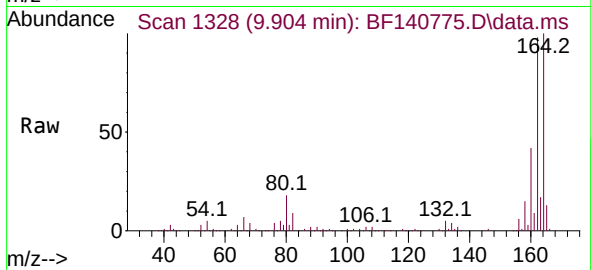
Tgt Ion: 122 Resp: 8438
 Ion Ratio Lower Upper
 122 100
 105 125.8 109.3 149.3
 77 105.8 82.3 122.3



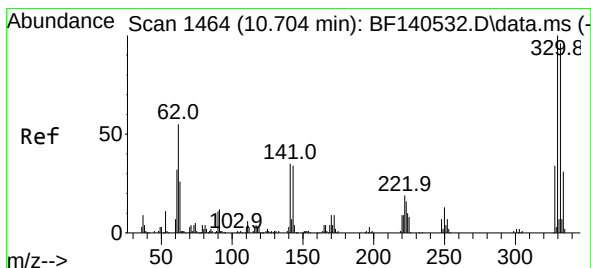
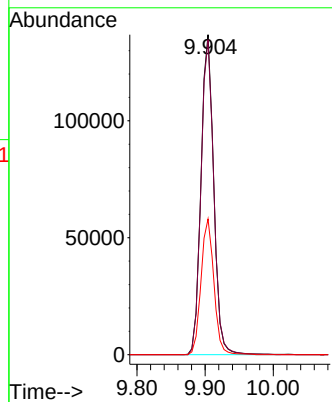
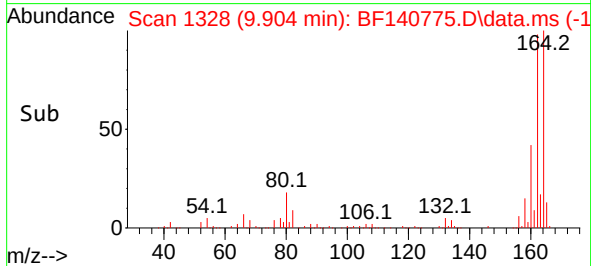


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

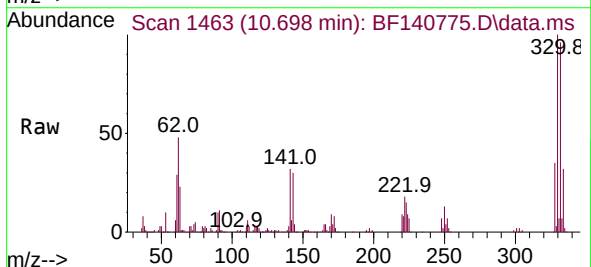
Instrument :
BNA_F
ClientSampleId :
COMP-1



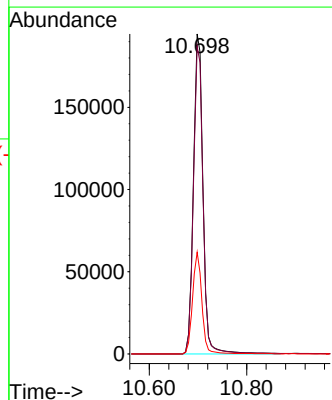
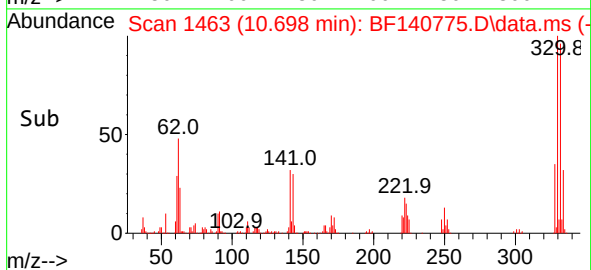
Tgt Ion:164 Resp: 177564
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 42.4 36.2 54.4

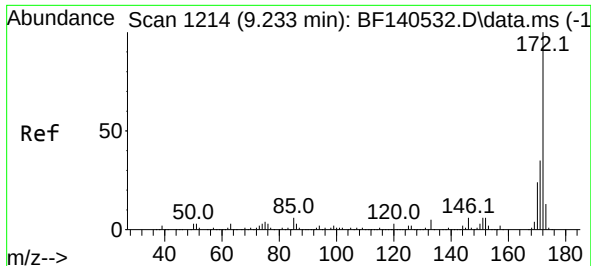


#42
2,4,6-Tribromophenol
Concen: 140.424 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00



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

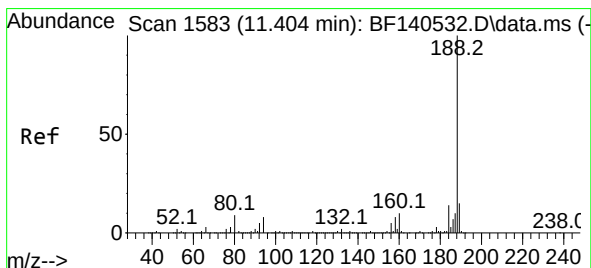
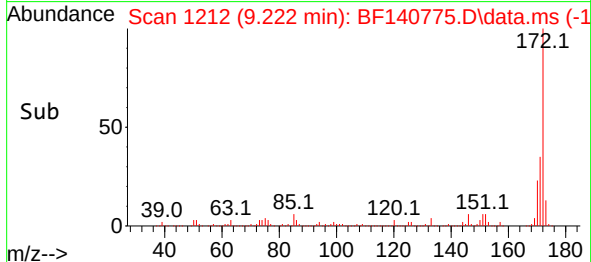
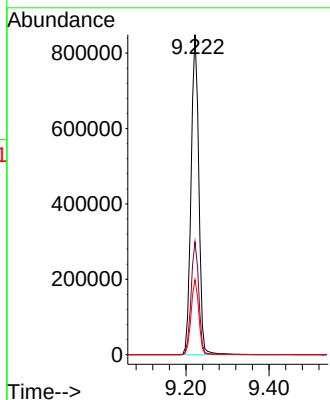
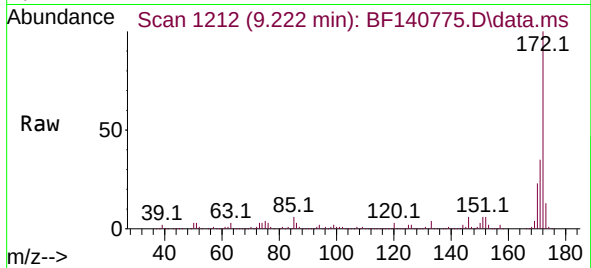




#45
2-Fluorobiphenyl
Concen: 91.802 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140775.D
Acq: 06 Dec 2024 19:00

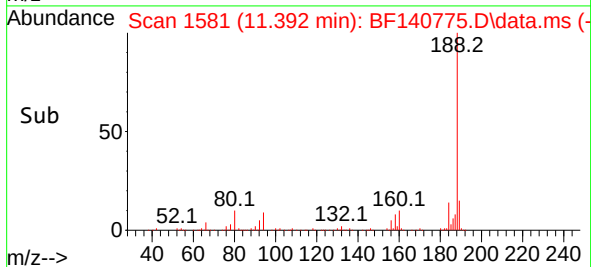
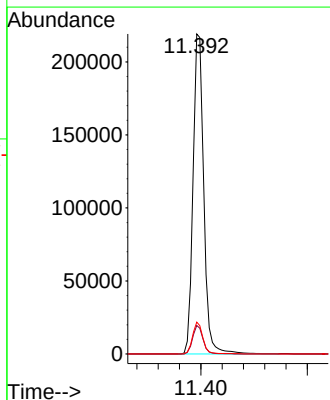
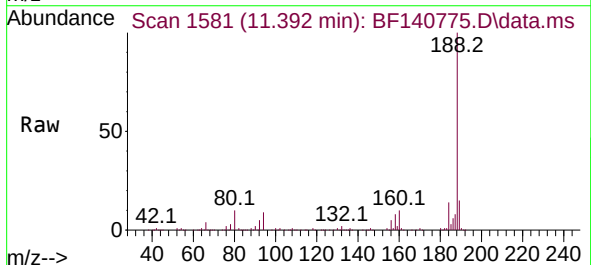
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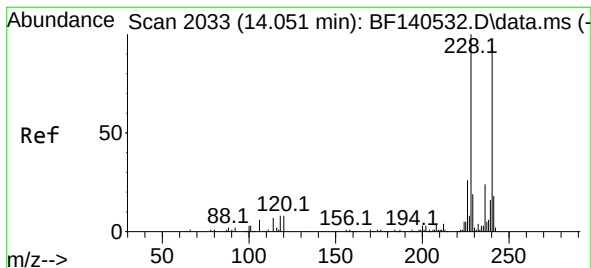
Tgt Ion:172 Resp: 1094045
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 19.0 28.6



#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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140775.D

Acq: 06 Dec 2024 19:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

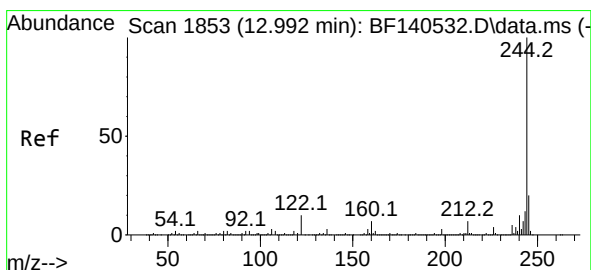
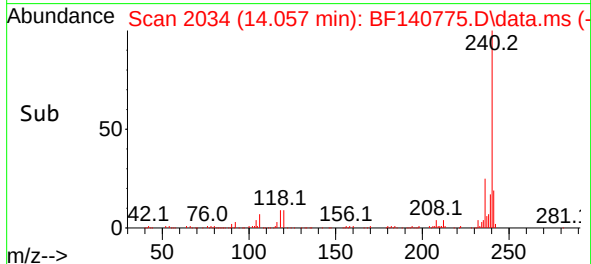
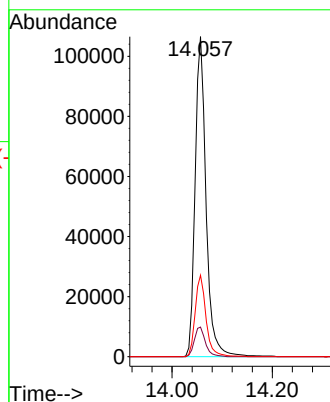
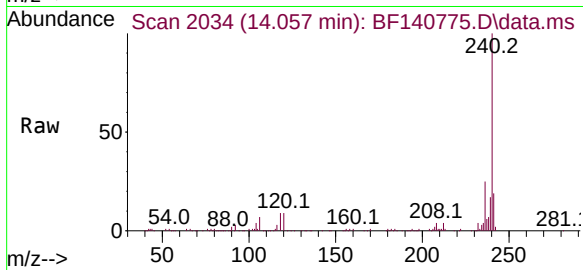
Tgt Ion:240 Resp: 160942

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.4 20.6 31.0



#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

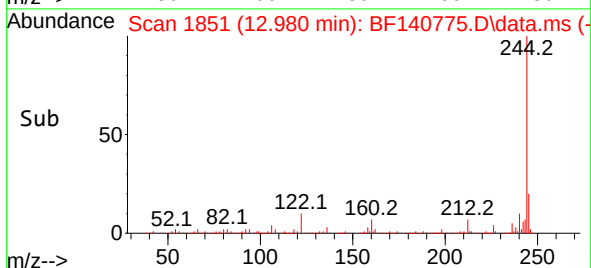
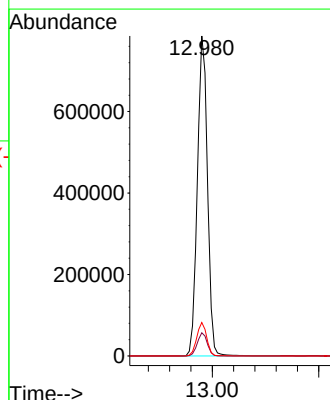
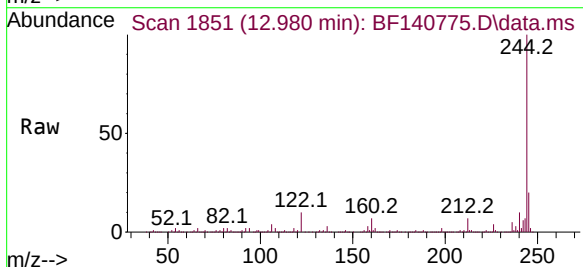
Tgt Ion:244 Resp: 1037858

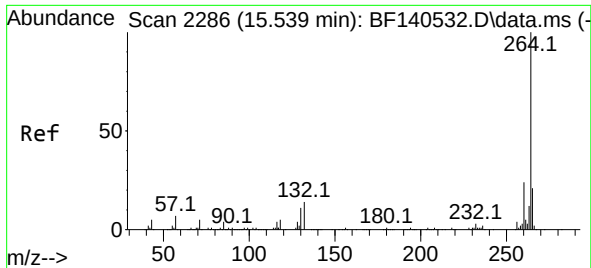
Ion Ratio Lower Upper

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 :
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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

