

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141624.D
 Acq On : 13 Feb 2025 19:27
 Operator : RC/JU
 Sample : Q1365-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: Feb 14 00:38:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

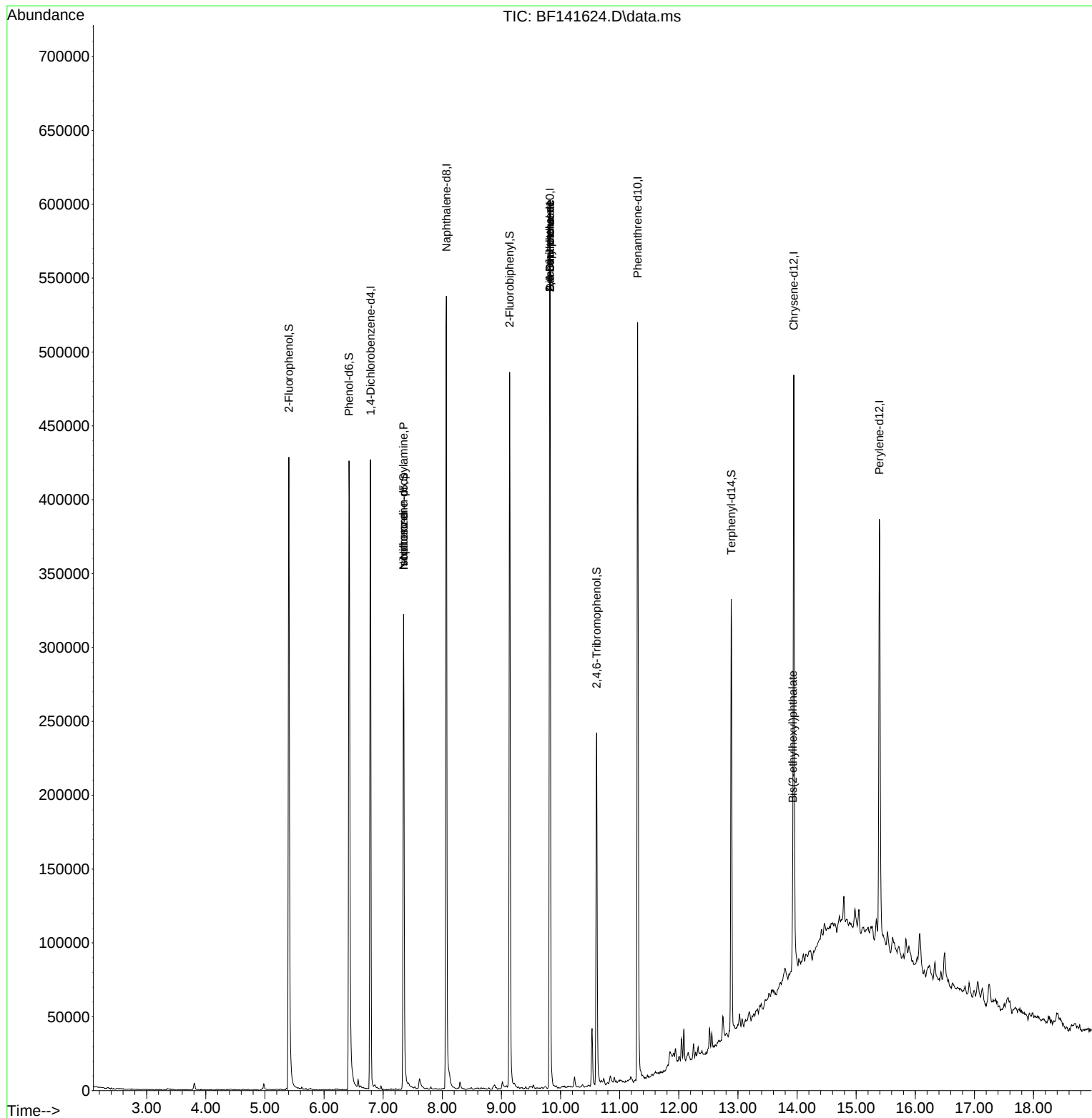
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	93327	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	371711	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	190424	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	276378	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	192665	20.000	ng	-0.02
86) Perylene-d12	15.392	264	171010	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	176813	29.702	ng	0.00
7) Phenol-d6	6.422	99	228120	30.319	ng	-0.02
23) Nitrobenzene-d5	7.345	82	148926	20.897	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	40978	21.422	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	222967	18.039	ng	-0.01
79) Terphenyl-d14	12.886	244	143931	12.612	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	19693	4.376	ng	# 76
25) Isophorone	7.345	82	140429	12.358	ng	# 66
50) Dimethylphthalate	9.822	163	29557	2.286	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	24130	8.539	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	24130	6.414	ng	# 19
84) Bis(2-ethylhexyl)phtha...	13.927	149	15318	2.391	ng	100

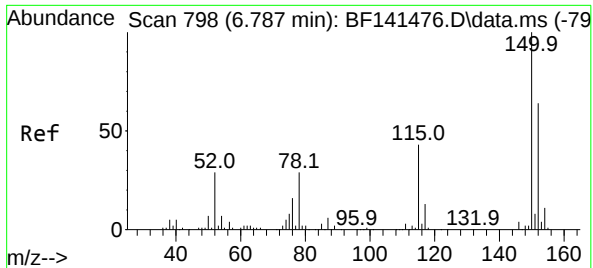
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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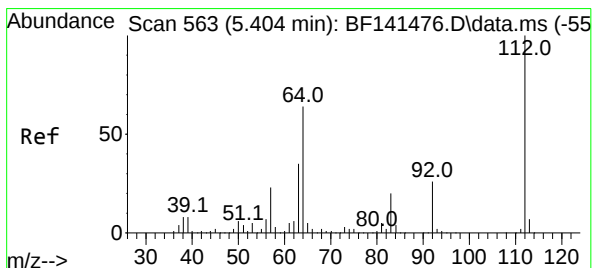
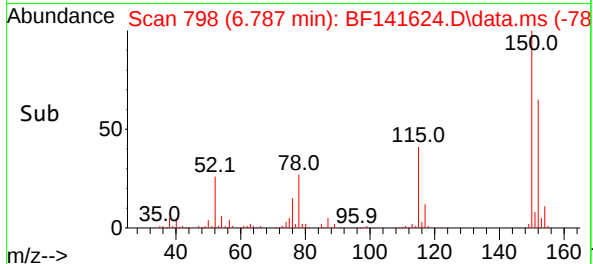
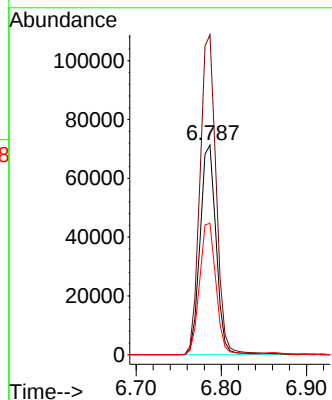
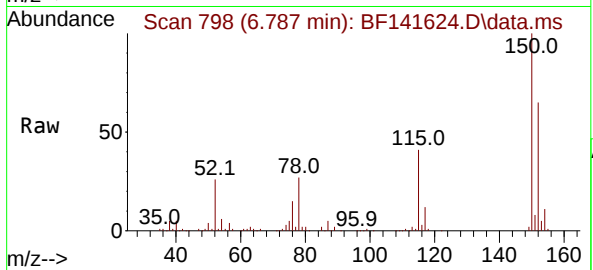




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

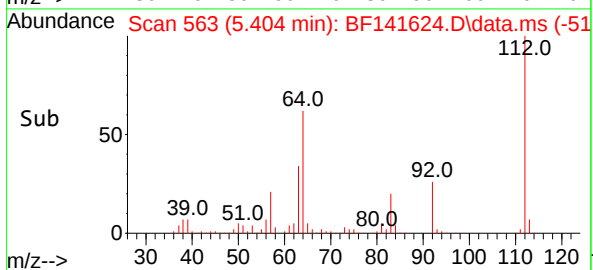
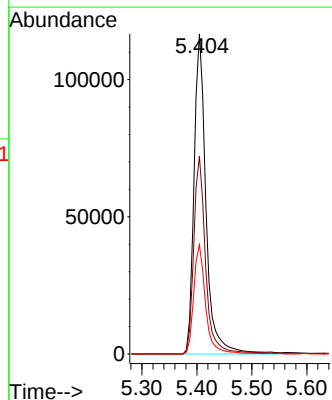
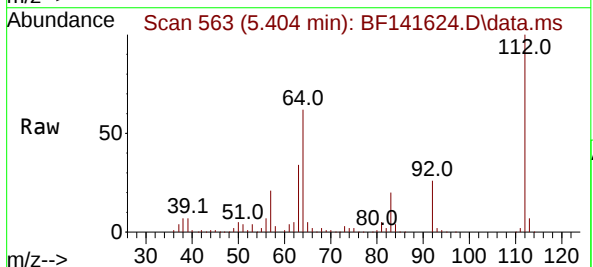
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:152 Resp: 93327
Ion Ratio Lower Upper
152 100
150 152.7 125.0 187.4
115 62.7 53.6 80.4



#5
2-Fluorophenol
Concen: 29.702 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:112 Resp: 176813
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 34.1 28.4 42.6

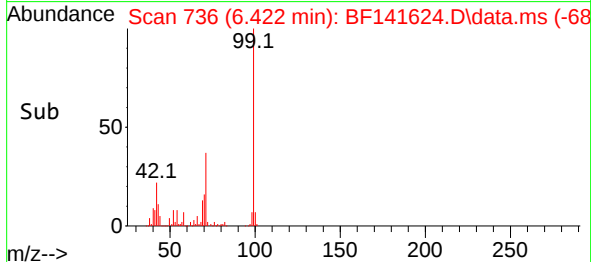
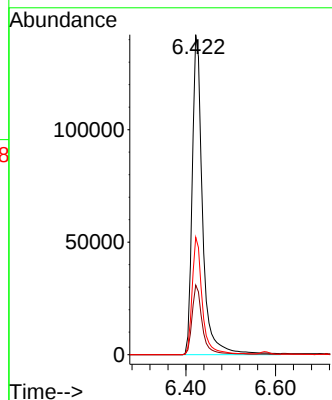
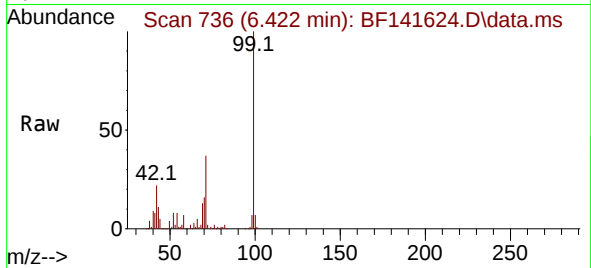




#7
Phenol-d6
Concen: 30.319 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

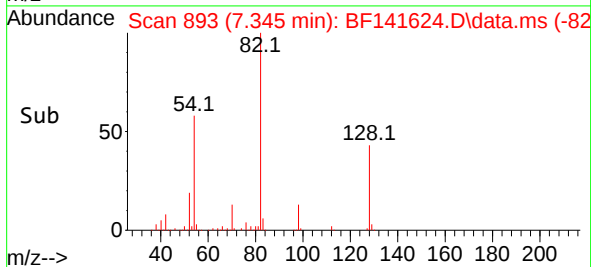
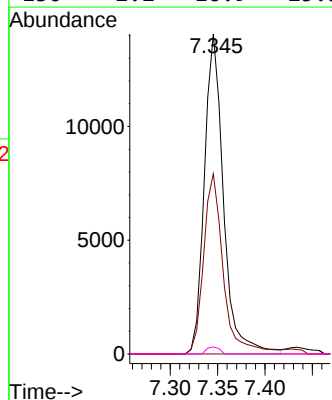
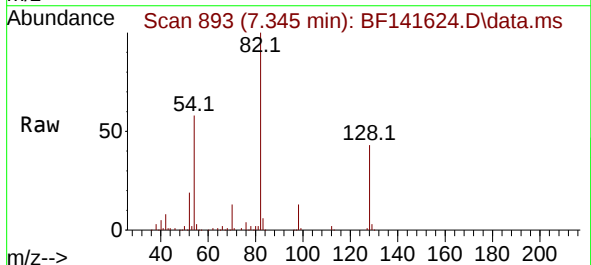
Instrument :
BNA_F
ClientSampleId :
72-11995

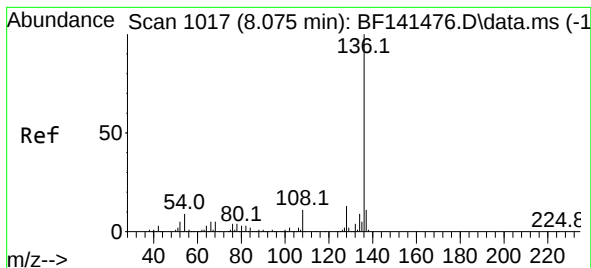
Tgt Ion: 99 Resp: 228120
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 36.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.376 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion: 70 Resp: 19693
Ion Ratio Lower Upper
70 100
42 56.3 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

Instrument :

BNA_F

ClientSampleId :

72-11995

Tgt Ion:136 Resp: 371711

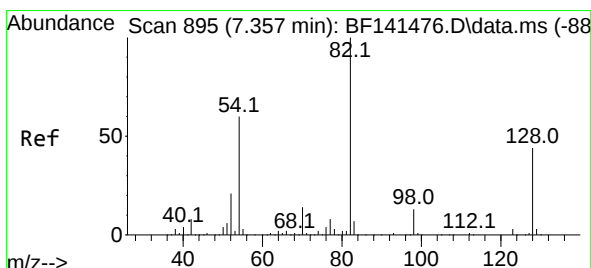
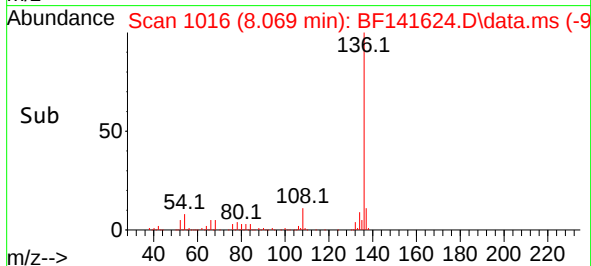
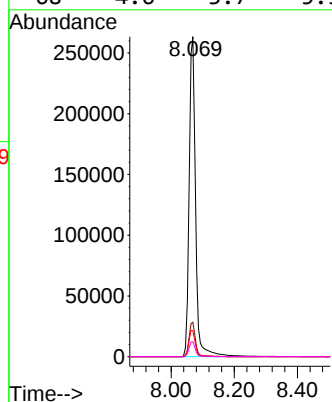
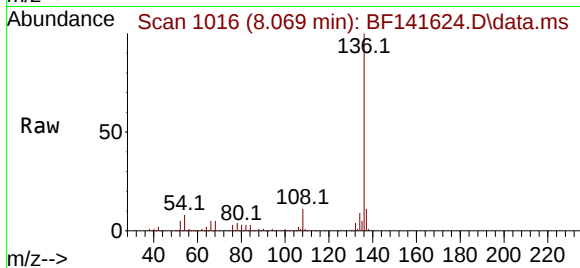
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.1 7.2 10.8

68 4.6 3.7 5.5



#23

Nitrobenzene-d5

Concen: 20.897 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

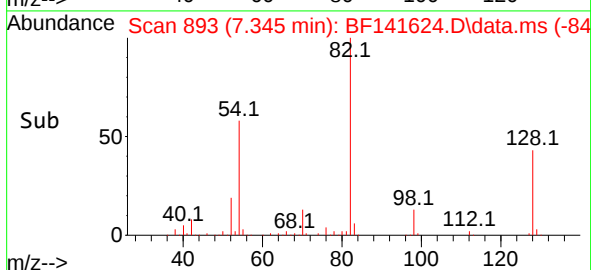
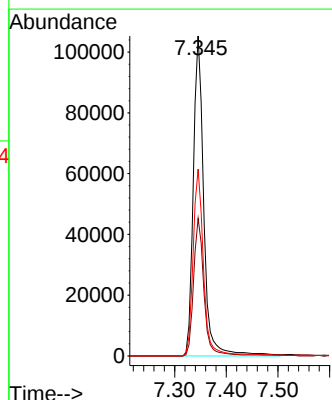
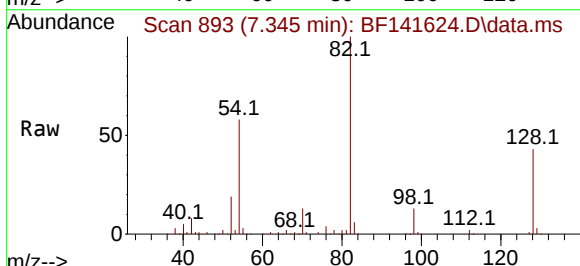
Tgt Ion: 82 Resp: 148926

Ion Ratio Lower Upper

82 100

128 43.0 34.8 52.2

54 58.4 48.2 72.4

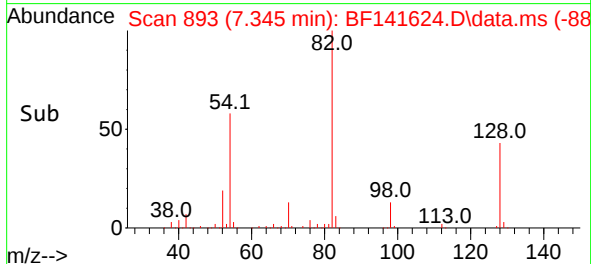
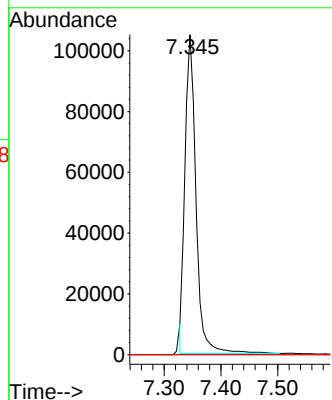
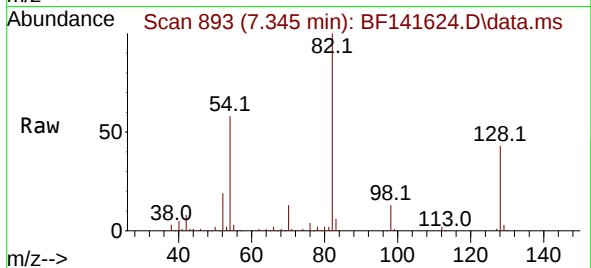




#25
Isophorone
Concen: 12.358 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

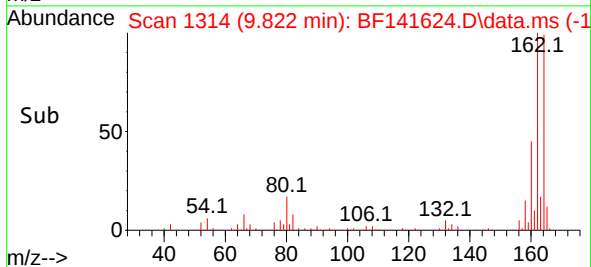
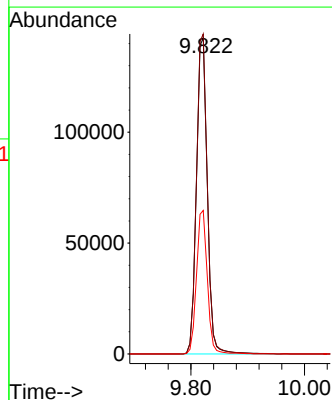
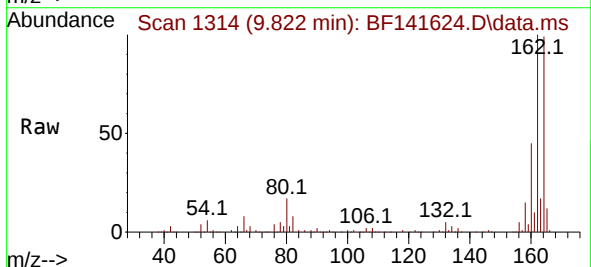
Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion: 82 Resp: 140429
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:164 Resp: 190424
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 21.422 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.017 min

Lab File: BF141624.D

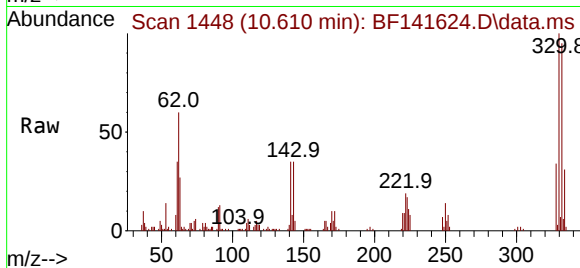
Acq: 13 Feb 2025 19:27

Instrument :

BNA_F

ClientSampleId :

72-11995



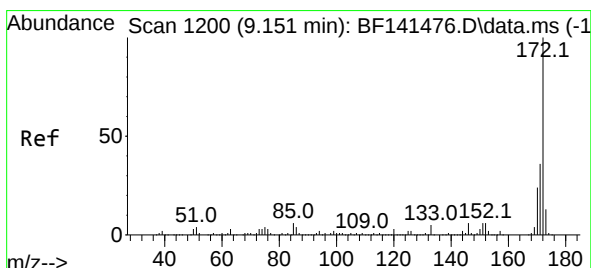
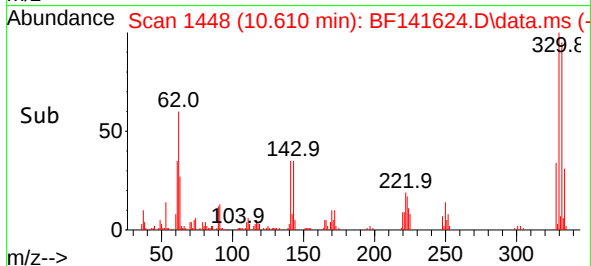
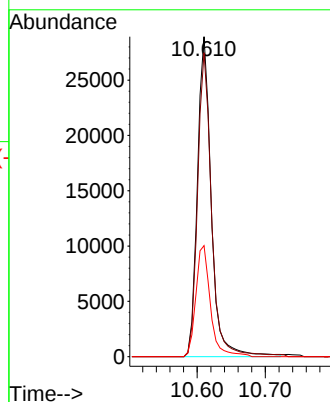
Tgt Ion:330 Resp: 40978

Ion Ratio Lower Upper

330 100

332 94.9 78.5 117.7

141 36.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 18.039 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

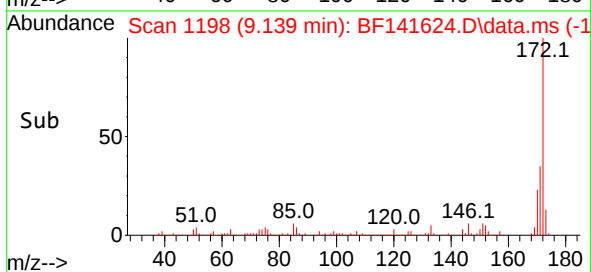
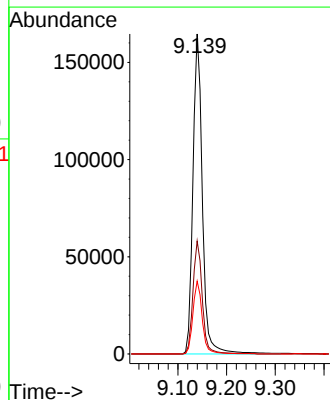
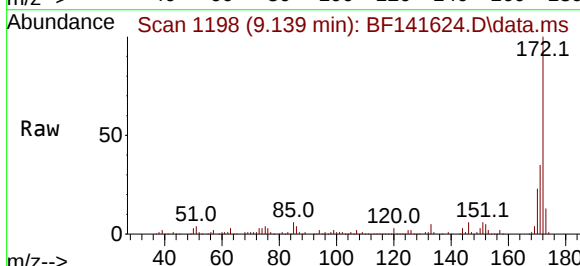
Tgt Ion:172 Resp: 222967

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 22.7 18.9 28.3

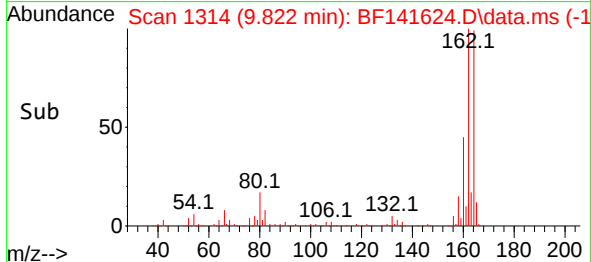
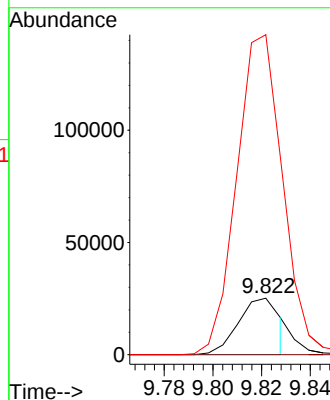
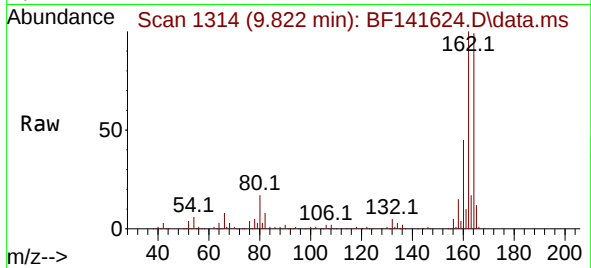




#50
Dimethylphthalate
Concen: 2.286 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

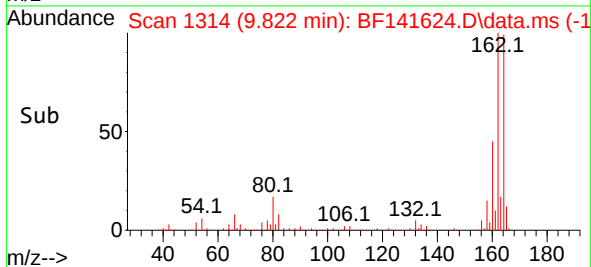
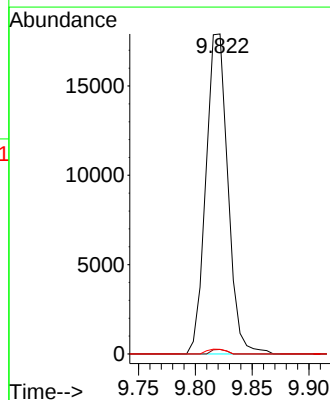
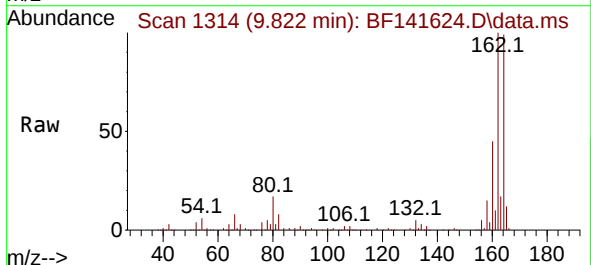
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72-11995

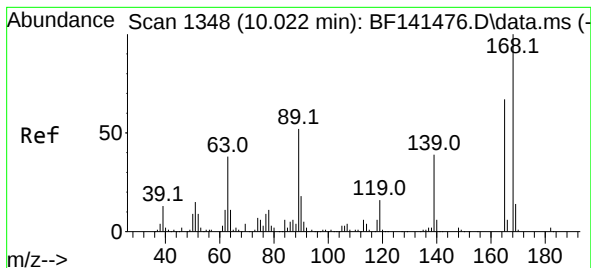
Tgt Ion:163 Resp: 29557
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 566.6 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.539 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

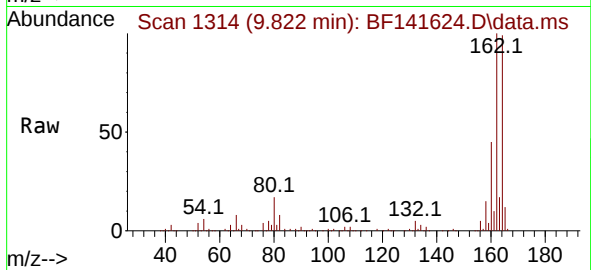
Tgt Ion:165 Resp: 24130
Ion Ratio Lower Upper
165 100
63 1.4 49.4 74.0#
89 1.5 46.5 69.7#



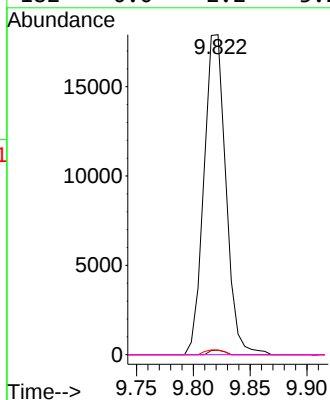
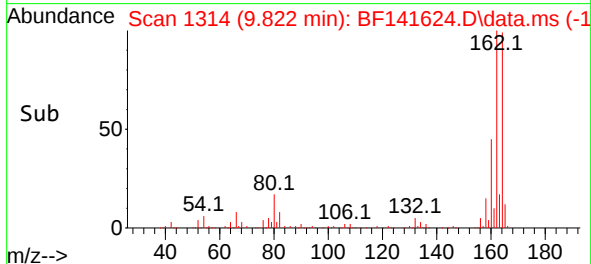


#57
2,4-Dinitrotoluene
Concen: 6.414 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

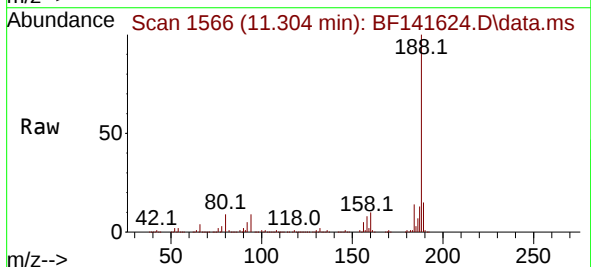
Instrument :
BNA_F
ClientSampleId :
72-11995



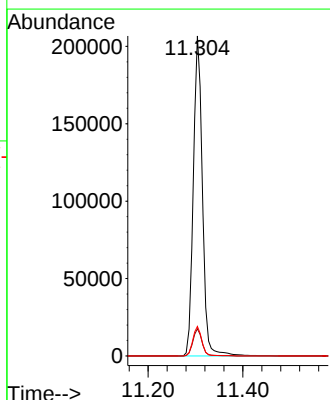
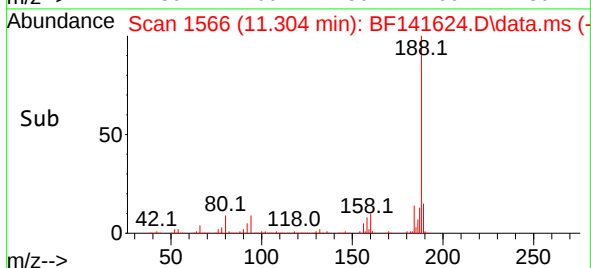
Tgt Ion:165 Resp: 24130
Ion Ratio Lower Upper
165 100
63 1.4 46.4 69.6#
89 1.5 61.8 92.6#
182 0.0 2.2 3.2#

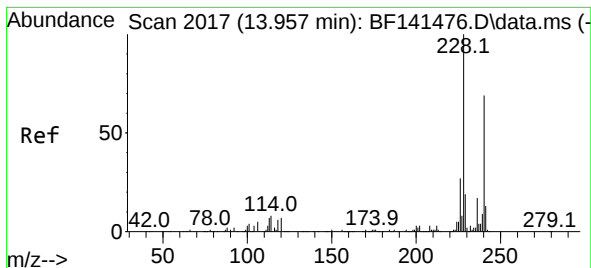


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27



Tgt Ion:188 Resp: 276378
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.017 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

Instrument :

BNA_F

ClientSampleId :

72-11995

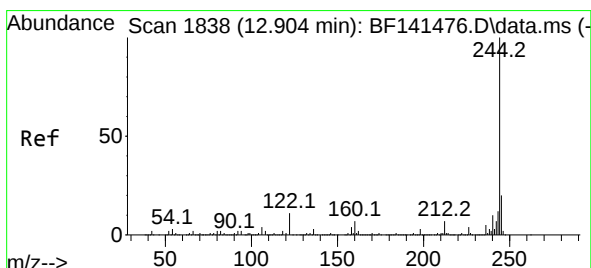
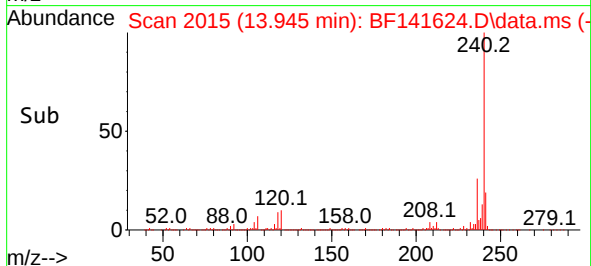
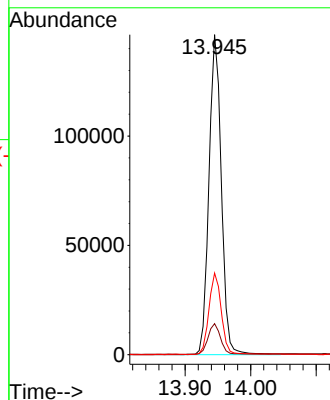
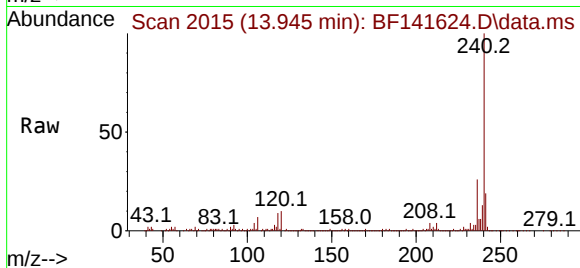
Tgt Ion:240 Resp: 192665

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 12.612 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.017 min

Lab File: BF141624.D

Acq: 13 Feb 2025 19:27

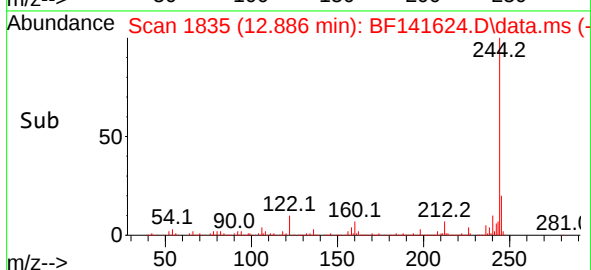
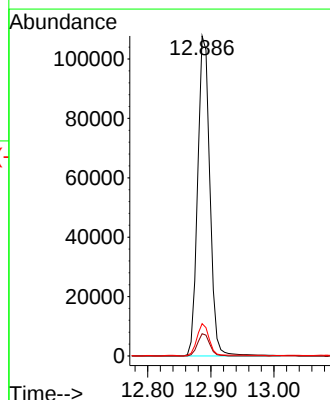
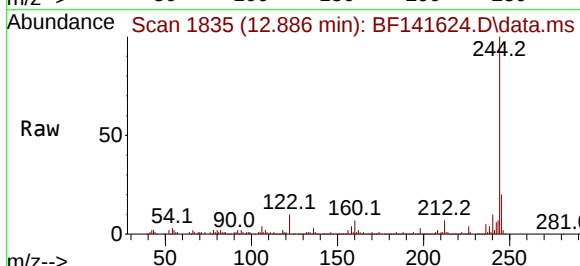
Tgt Ion:244 Resp: 143931

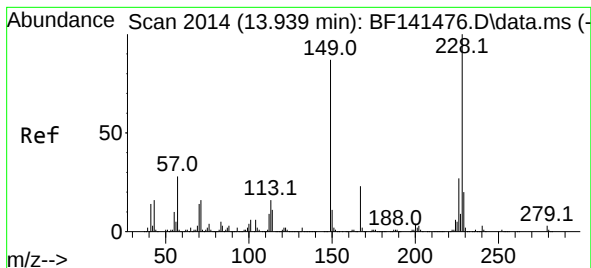
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.1 8.4 12.6

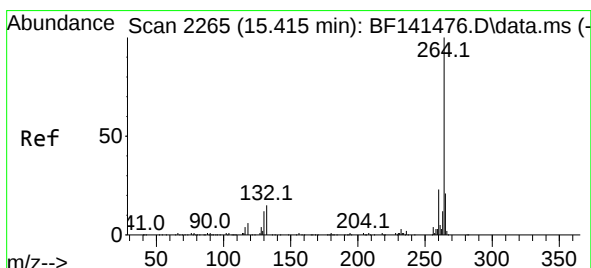
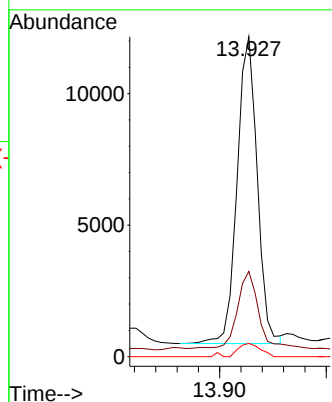
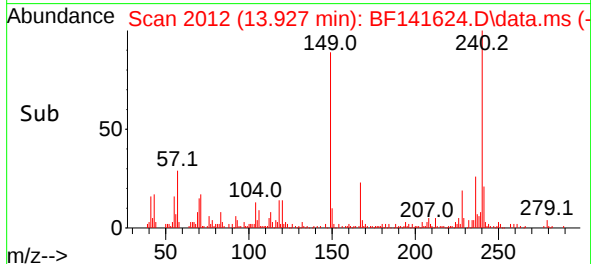
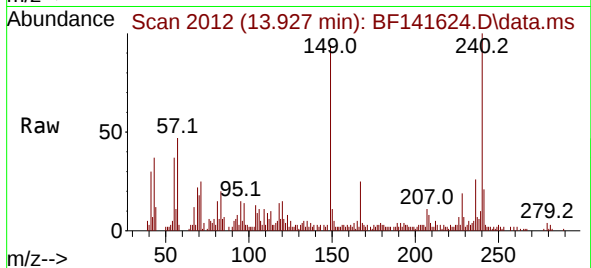




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.391 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:149 Resp: 15318
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 4.2 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2261
Delta R.T. -0.023 min
Lab File: BF141624.D
Acq: 13 Feb 2025 19:27

Tgt Ion:264 Resp: 171010
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.4 17.0 25.4

