

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141717.D
 Acq On : 21 Feb 2025 13:43
 Operator : RC/JU
 Sample : PB166784TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166784TB

Quant Time: Feb 21 14:07:51 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)

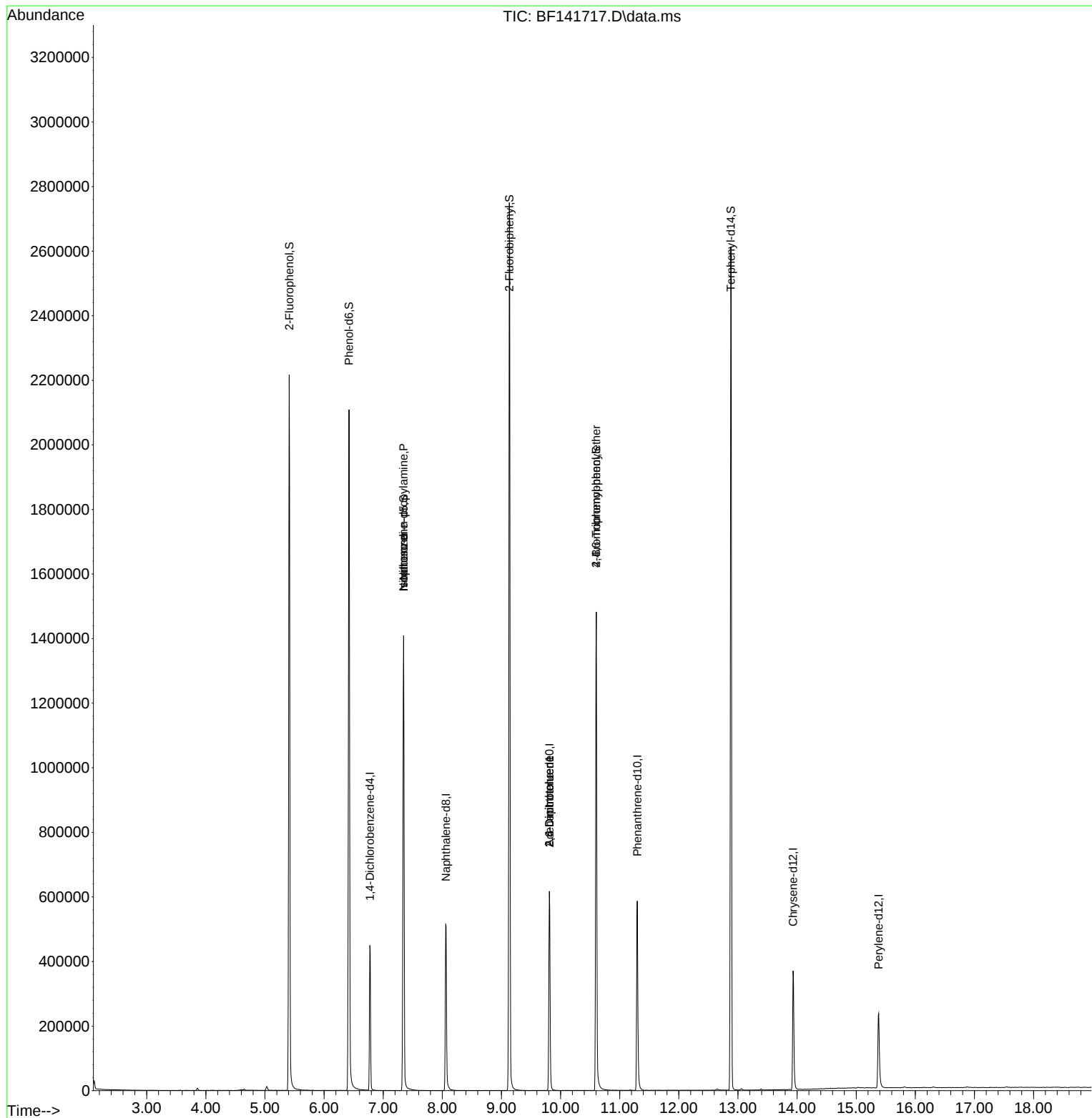
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	97024	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	388261	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	206913	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	347575	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	216789	20.000	ng	-0.03
86) Perylene-d12	15.380	264	169797	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	855920	138.302	ng	0.00
7) Phenol-d6	6.422	99	1049344	134.151	ng	-0.02
23) Nitrobenzene-d5	7.345	82	686503	92.223	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	263715	126.875	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1285863	95.743	ng	-0.02
79) Terphenyl-d14	12.880	244	1347220	104.910	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	92135	19.692	ng	# 73
25) Isophorone	7.345	82	666530	56.157	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	27180	8.851	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	27180	6.649	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	17812	4.585	ng	# 1

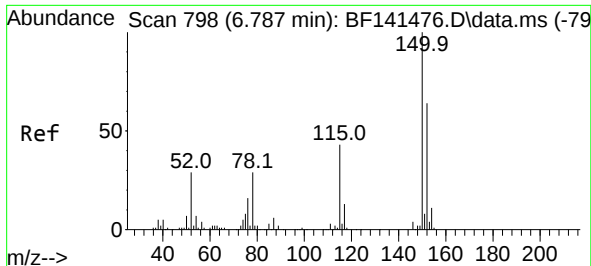
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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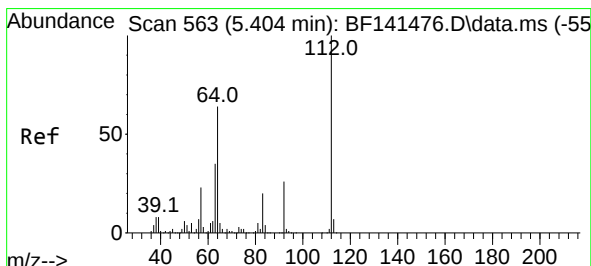
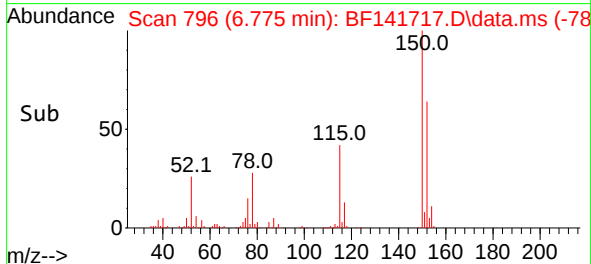
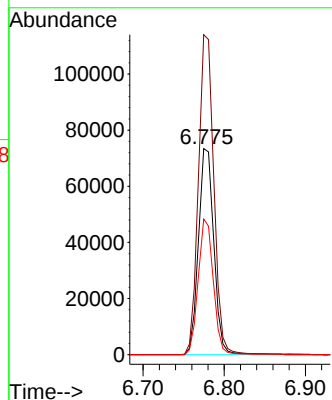
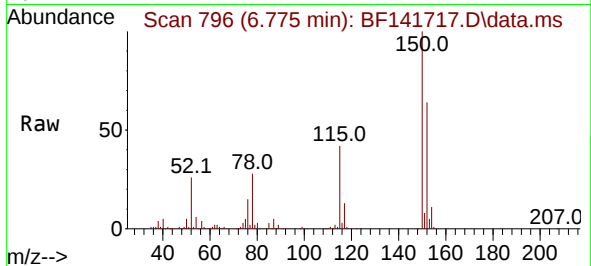




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.017 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

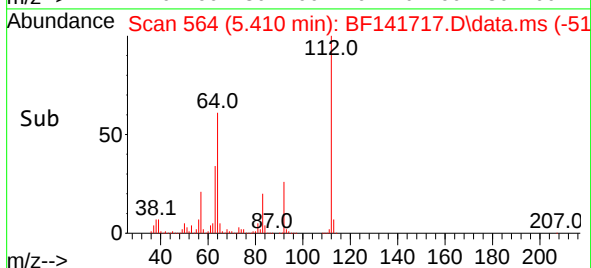
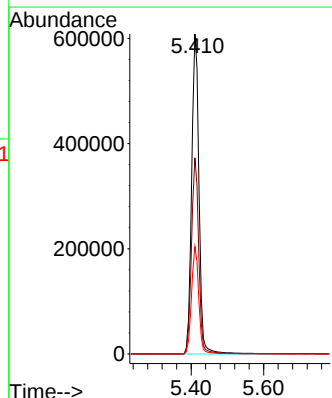
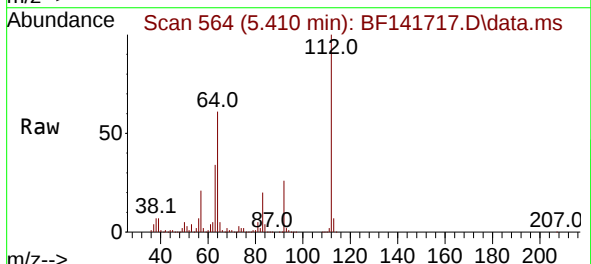
Instrument :
BNA_F
ClientSampleId :
PB166784TB

Tgt Ion:152 Resp: 97024
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.4
115 65.9 53.6 80.4



#5
2-Fluorophenol
Concen: 138.302 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Tgt Ion:112 Resp: 855920
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 33.6 28.4 42.6

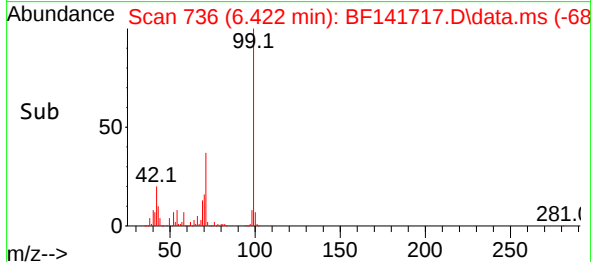
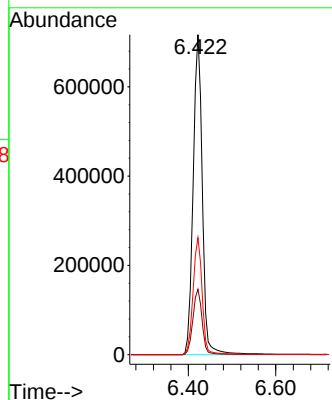
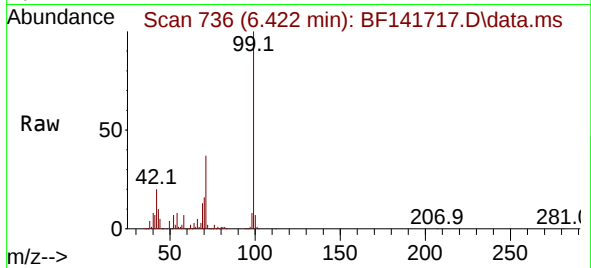




#7
Phenol-d6
Concen: 134.151 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

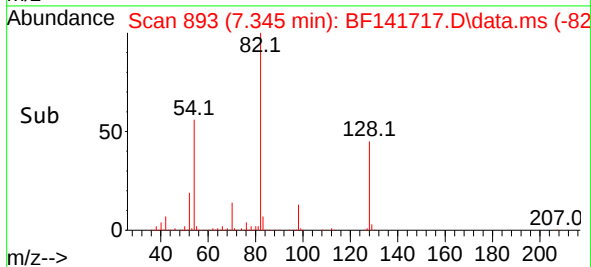
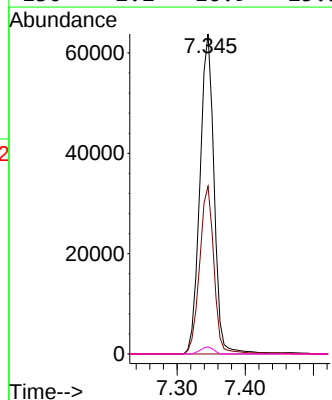
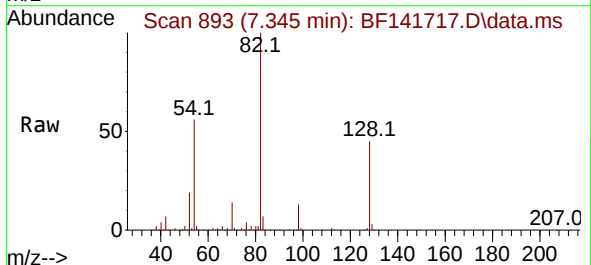
Instrument :
BNA_F
ClientSampleId :
PB166784TB

Tgt Ion: 99 Resp: 1049344
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 36.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.692 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Tgt Ion: 70 Resp: 92135
Ion Ratio Lower Upper
70 100
42 52.4 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

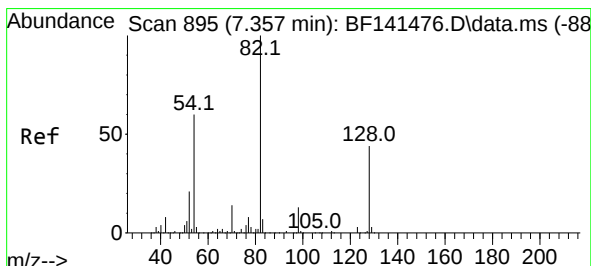
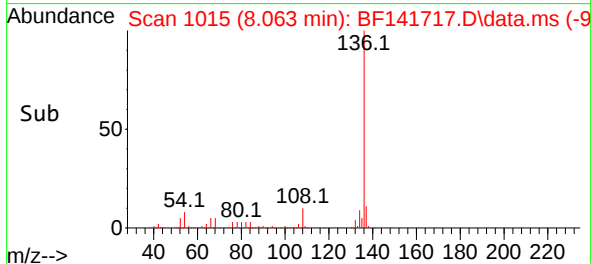
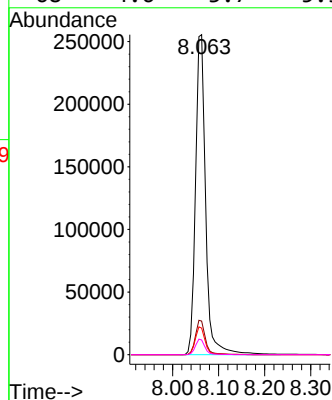
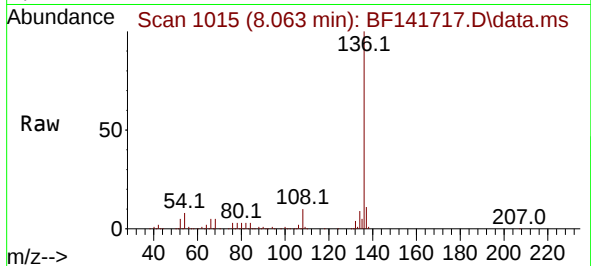




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

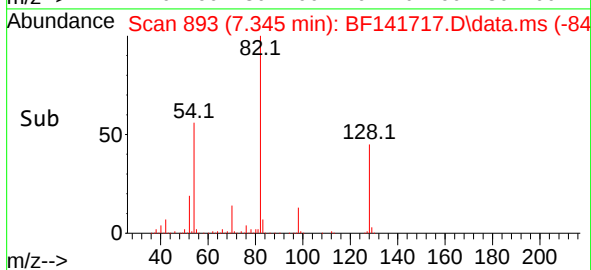
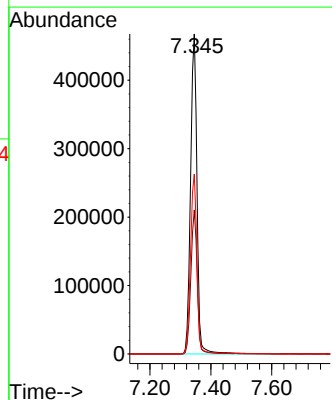
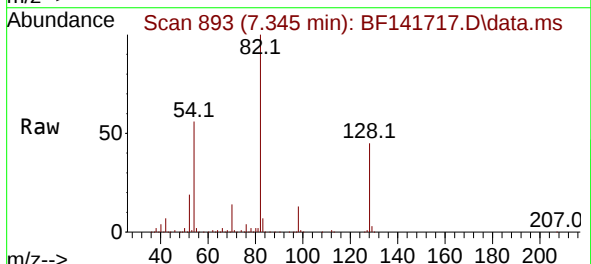
Instrument :
BNA_F
ClientSampleId :
PB166784TB

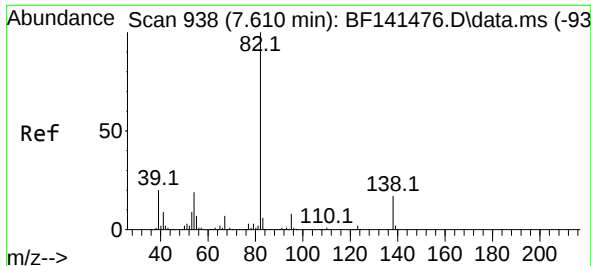
Tgt Ion:136 Resp: 388261
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.2 10.8
68 4.6 3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.223 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Tgt Ion: 82 Resp: 686503
Ion Ratio Lower Upper
82 100
128 45.0 34.8 52.2
54 56.3 48.2 72.4

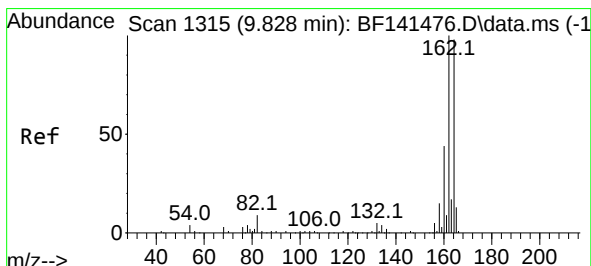
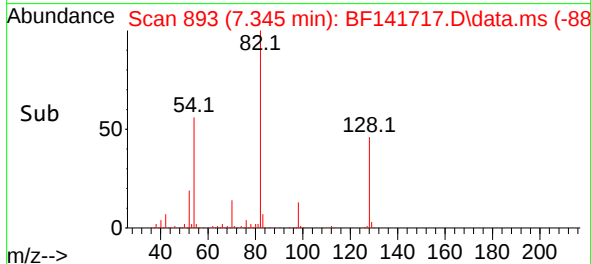
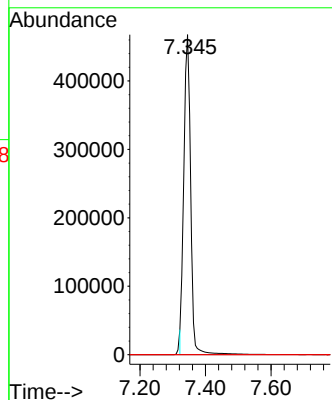
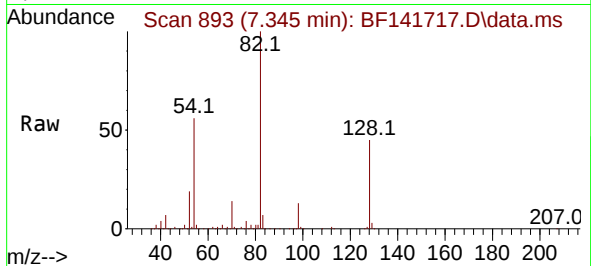




#25
Isophorone
Concen: 56.157 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

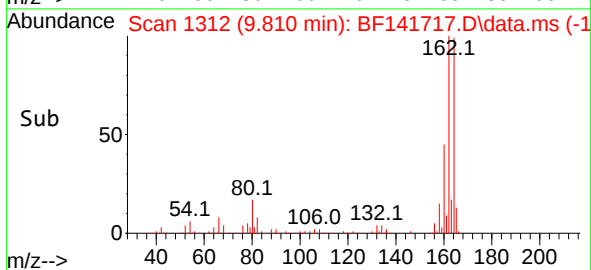
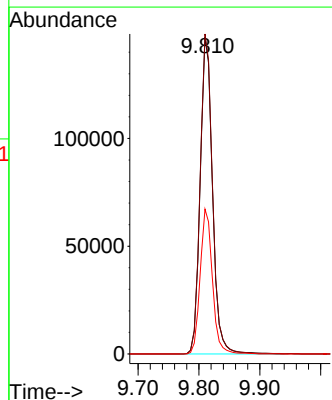
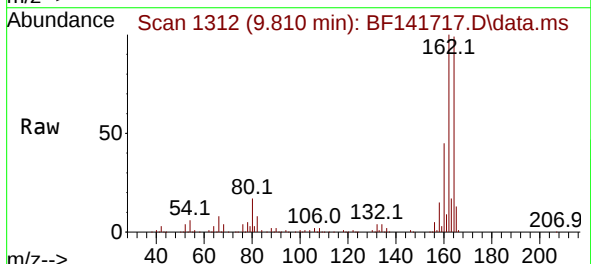
Instrument :
BNA_F
ClientSampleId :
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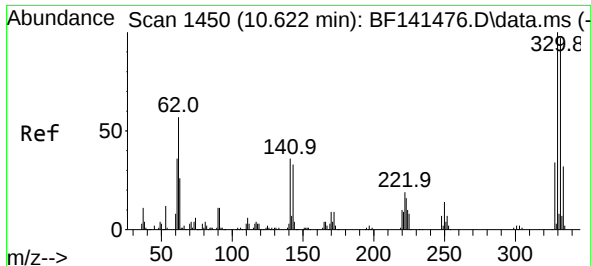
Tgt Ion: 82 Resp: 666530
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

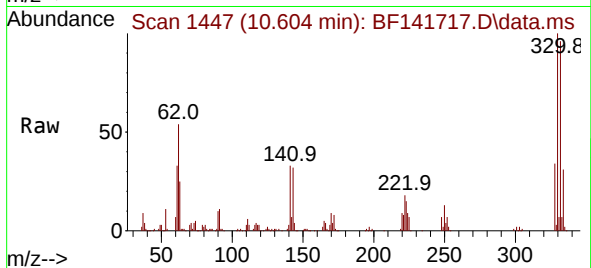
Tgt Ion: 164 Resp: 206913
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.7 35.9 53.9



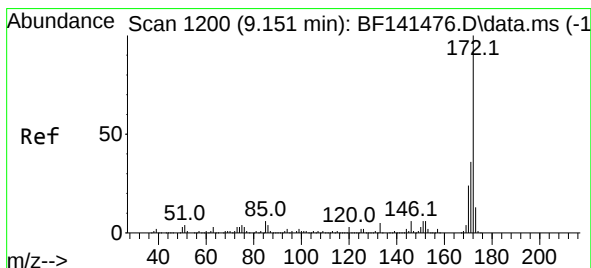
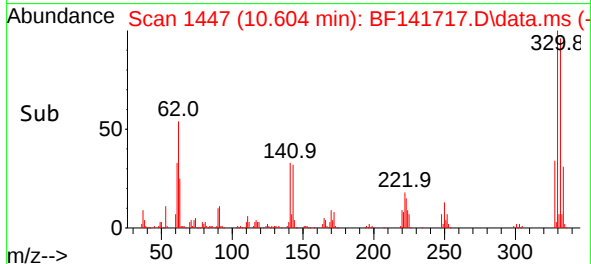
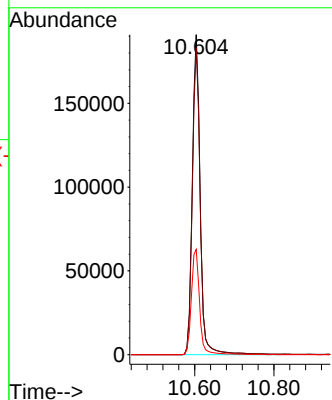


#42
2,4,6-Tribromophenol
Concen: 126.875 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Instrument :
BNA_F
ClientSampleId :
PB166784TB

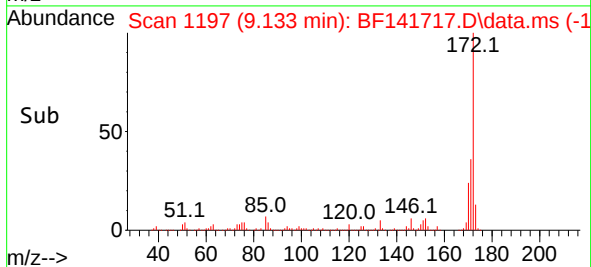
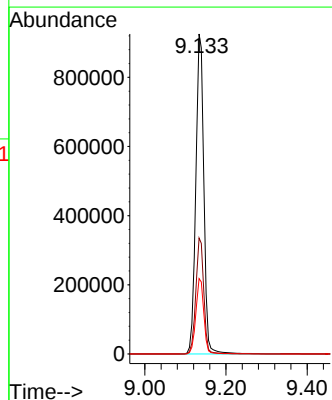
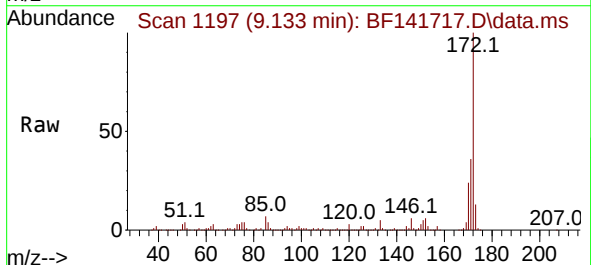


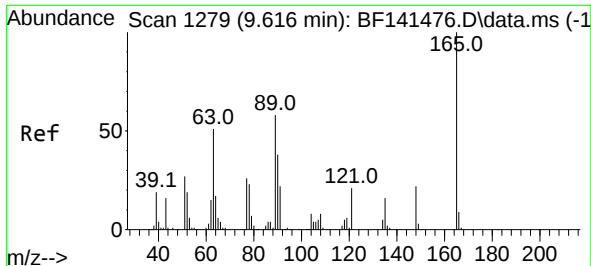
Tgt Ion:330 Resp: 263715
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 34.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 95.743 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Tgt Ion:172 Resp: 1285863
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.5 18.9 28.3

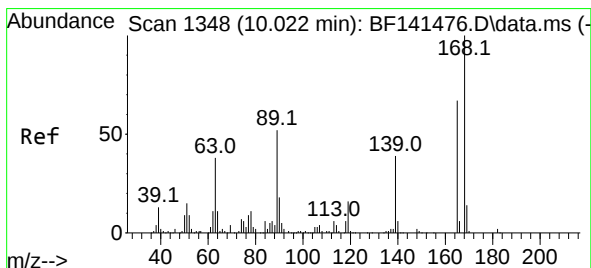
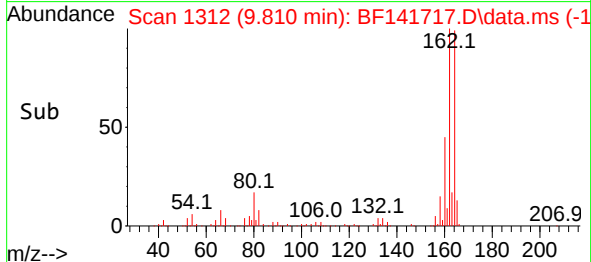
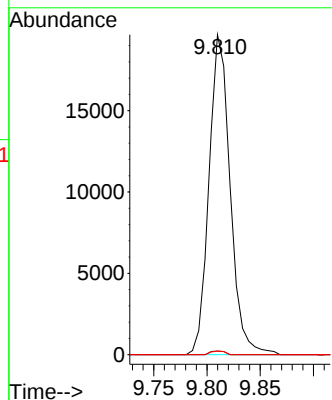
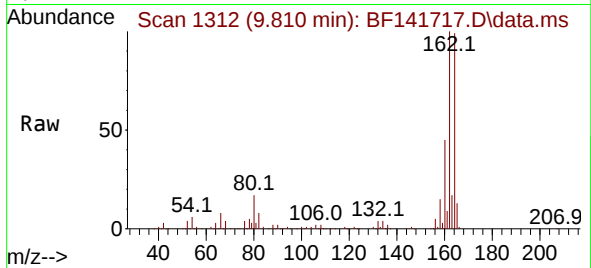




#51
2,6-Dinitrotoluene
Concen: 8.851 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

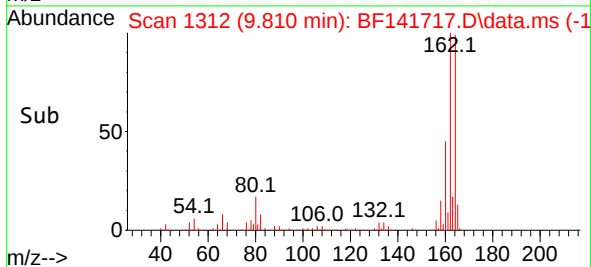
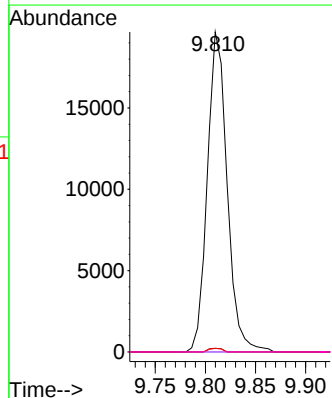
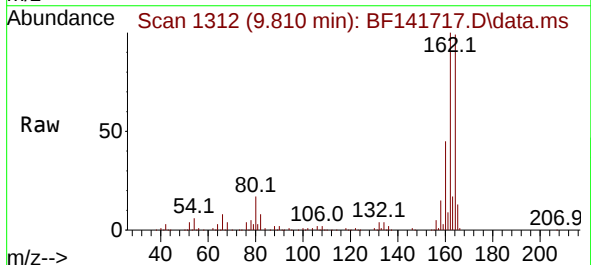
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BNA_F
ClientSampleId :
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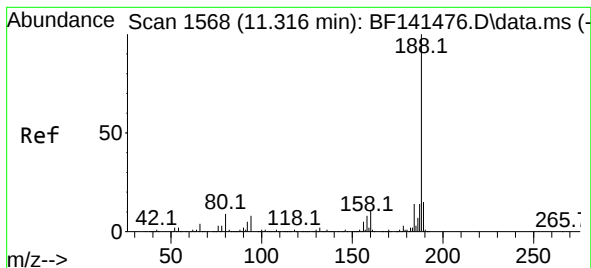
Tgt Ion:165 Resp: 27180
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.1 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.218 min
Lab File: BF141717.D
Acq: 21 Feb 2025 13:43

Tgt Ion:165 Resp: 27180
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.1 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB166784TB

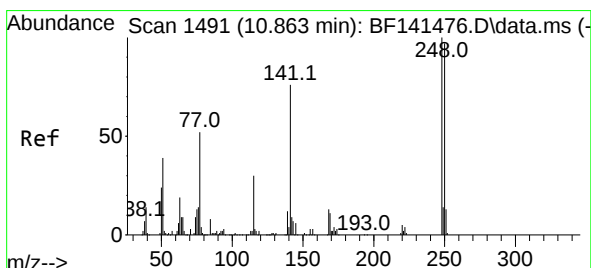
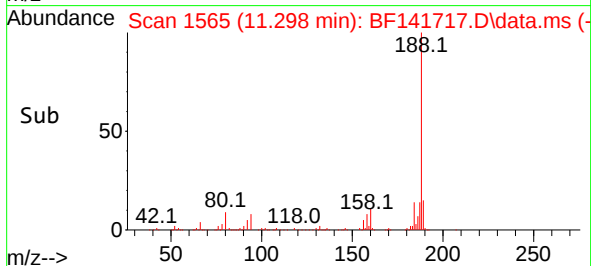
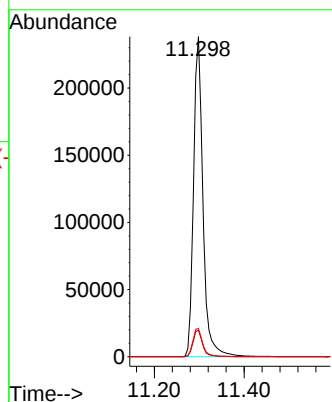
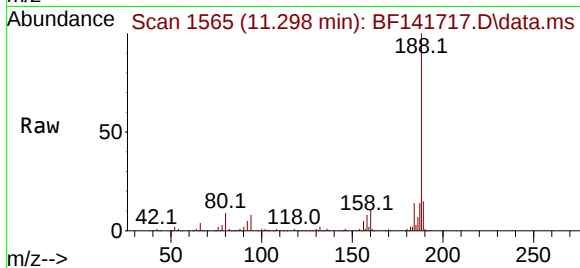
Tgt Ion:188 Resp: 347575

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 8.9 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.585 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.259 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

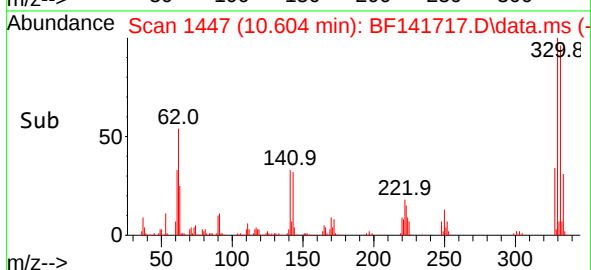
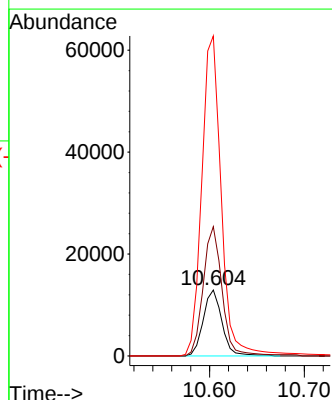
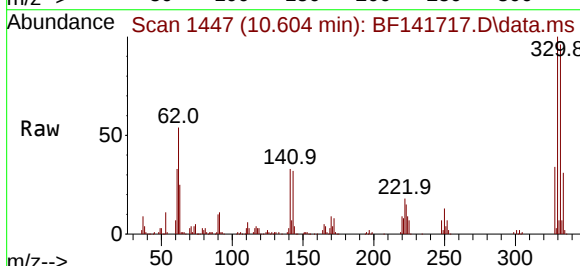
Tgt Ion:248 Resp: 17812

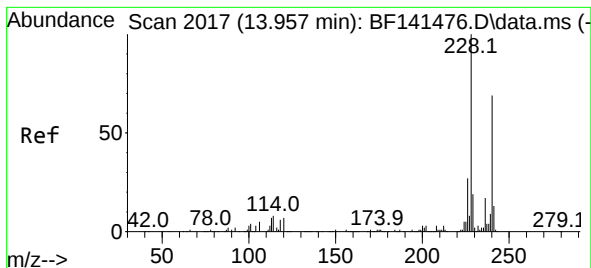
Ion Ratio Lower Upper

248 100

250 196.0 77.8 116.6#

141 484.9 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2017

Delta R.T. -0.029 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

Instrument :

BNA_F

ClientSampleId :

PB166784TB

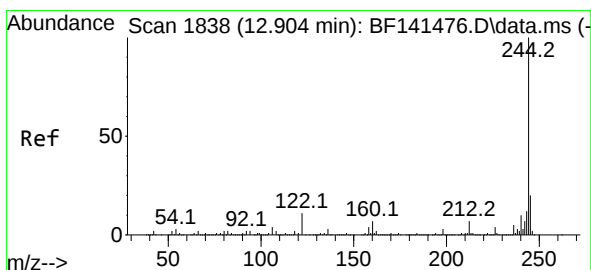
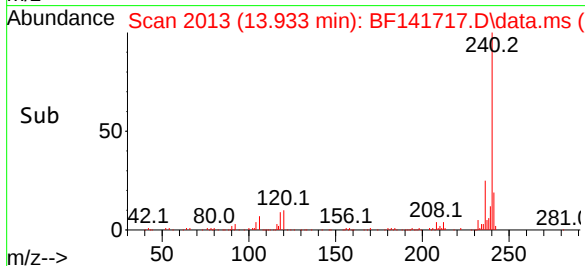
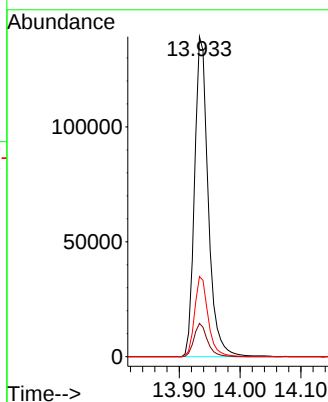
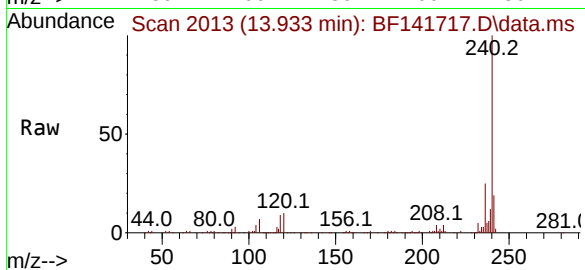
Tgt Ion:240 Resp: 216789

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 104.910 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141717.D

Acq: 21 Feb 2025 13:43

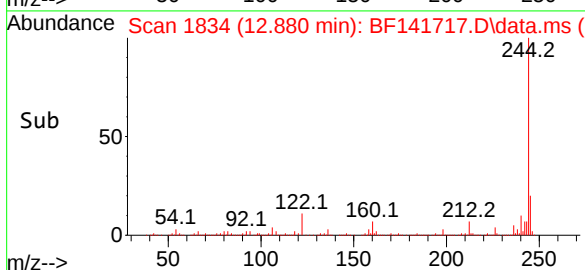
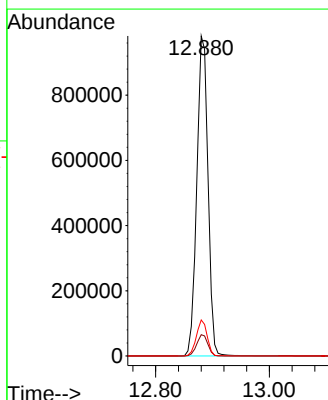
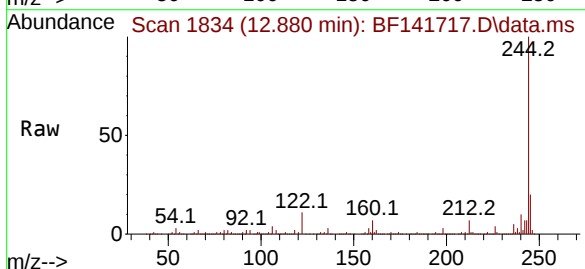
Tgt Ion:244 Resp: 1347220

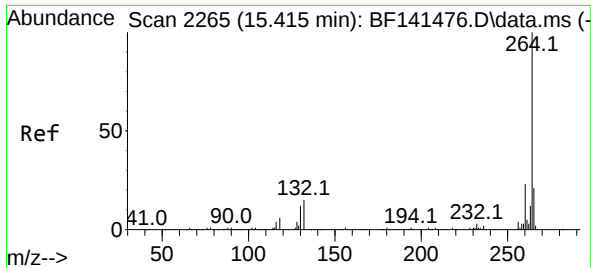
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141717.D
 Acq: 21 Feb 2025 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB166784TB

Tgt Ion:264 Resp: 169797
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.9 17.0 25.4

