

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141260.D
 Acq On : 24 Jan 2025 14:16
 Operator : RC/JU
 Sample : Q1169-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Quant Time: Jan 25 01:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

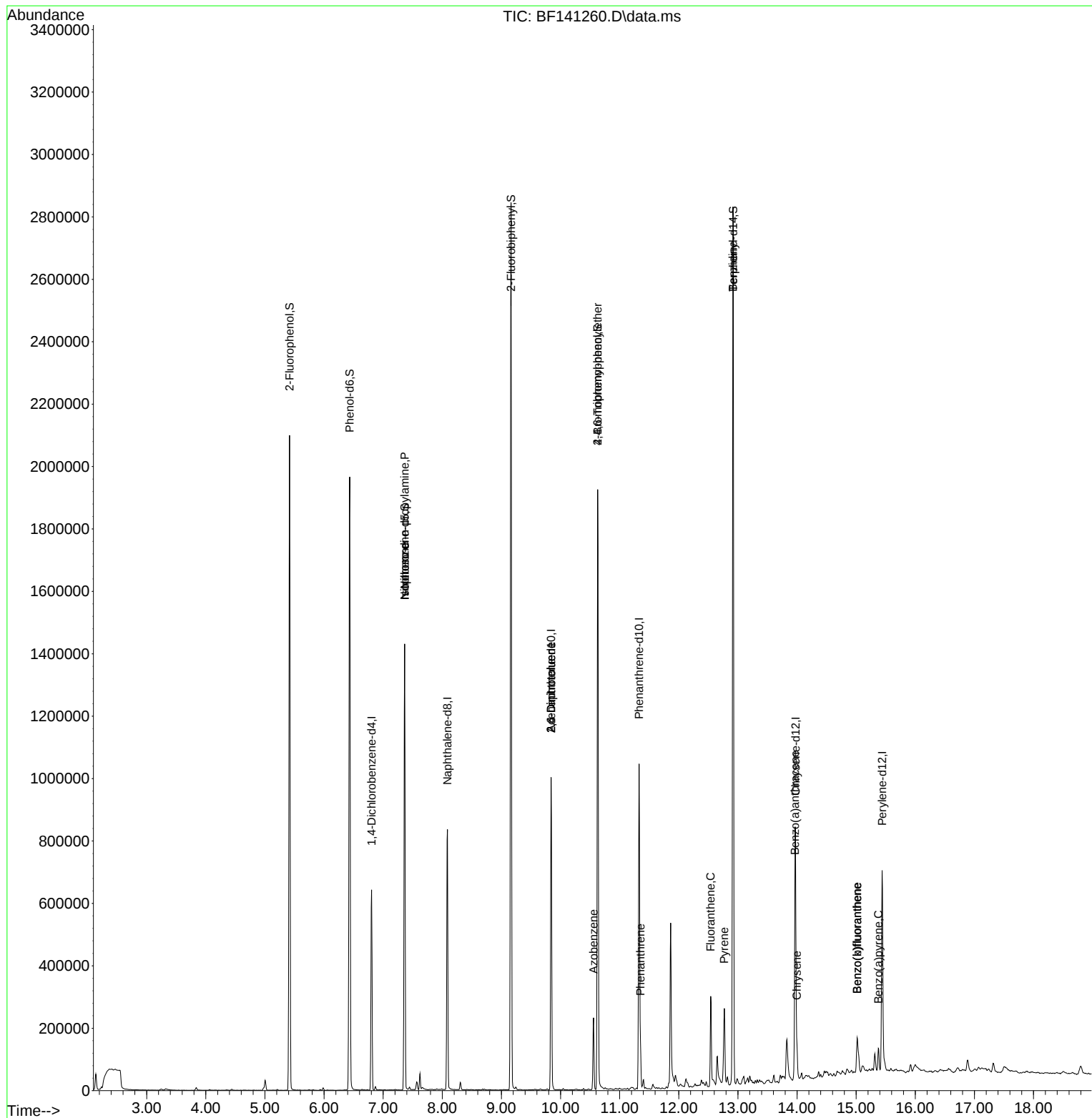
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134458	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	545604	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	299306	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	517862	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	358799	20.000	ng	-0.01
86) Perylene-d12	15.439	264	366548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	811913	93.282	ng	-0.01
7) Phenol-d6	6.434	99	1015154	92.075	ng	-0.01
23) Nitrobenzene-d5	7.363	82	637743	61.960	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	364448	106.864	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1266447	64.613	ng	-0.02
79) Terphenyl-d14	12.922	244	1430816	59.271	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	84234	12.970	ng	# 75
25) Isophorone	7.363	82	633885	36.037	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	38086	8.151	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	38086	6.325	ng	# 24
63) Azobenzene	10.557	77	57899	2.991	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	21242	3.563	ng	# 1
71) Phenanthrene	11.351	178	70410	2.533	ng	99
75) Fluoranthene	12.539	202	160322	5.779	ng	99
77) Benzidine	12.916	184	18095	2.720	ng	# 92
78) Pyrene	12.769	202	135340	3.949	ng	97
81) Benzo(a)anthracene	13.963	228	70984	2.907	ng	98
83) Chrysene	13.998	228	53974	2.362	ng	97
88) Benzo(b)fluoranthene	15.015	252	93396	3.951	ng	# 98
89) Benzo(k)fluoranthene	15.015	252	93396	4.676	ng	# 98
90) Benzo(a)pyrene	15.374	252	45256	2.321	ng	96

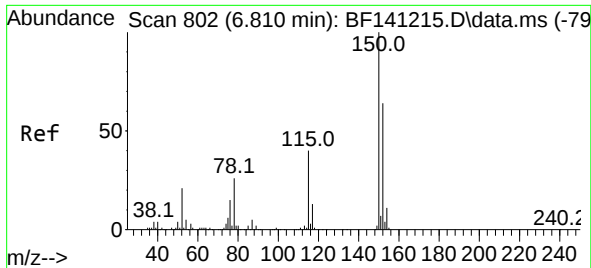
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
Data File : BF141260.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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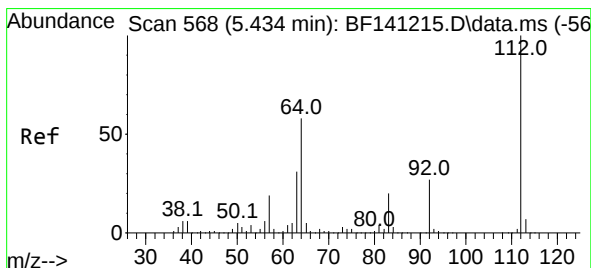
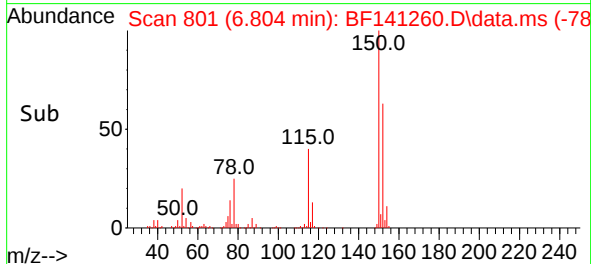
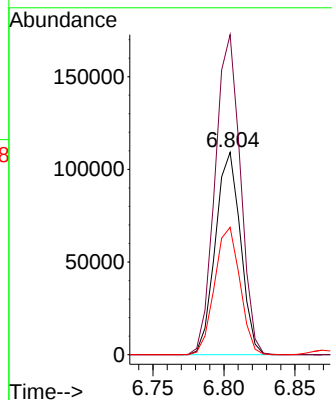
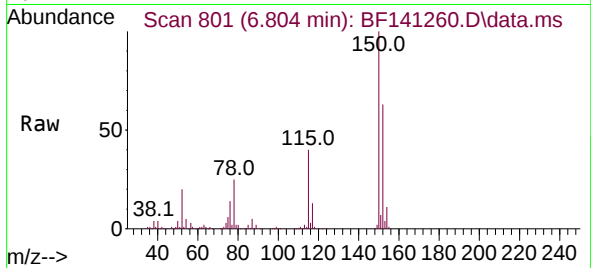




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

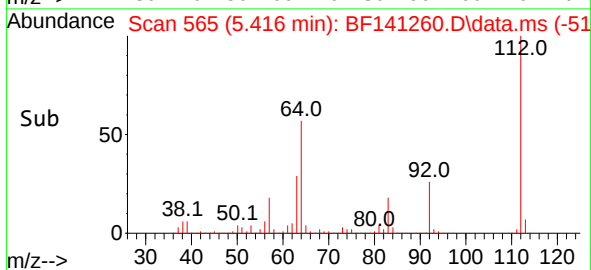
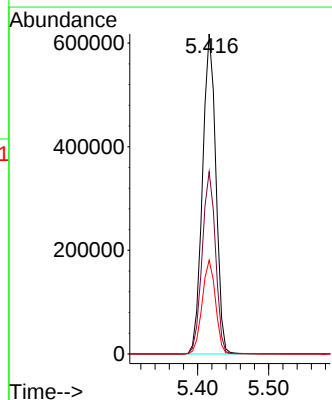
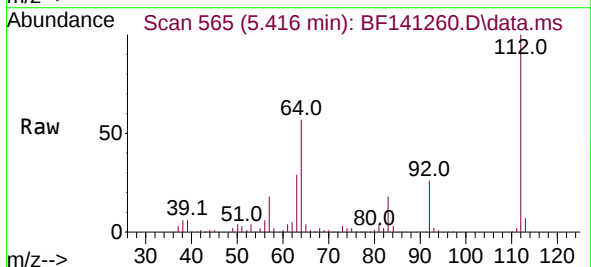
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

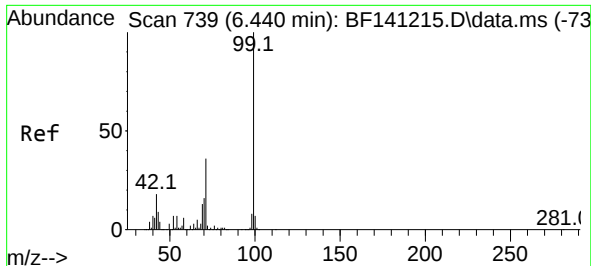
Tgt Ion:152 Resp: 134458
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.8
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 93.282 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:112 Resp: 811913
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 29.3 24.2 36.2





#7
Phenol-d6
Concen: 92.075 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

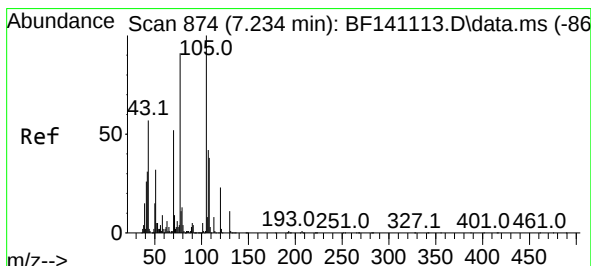
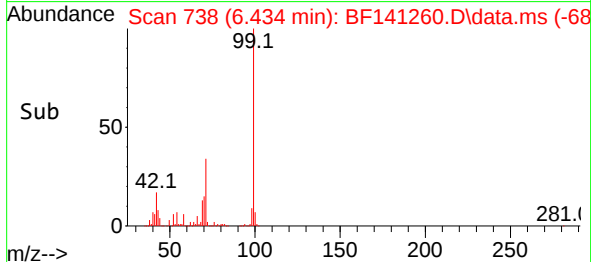
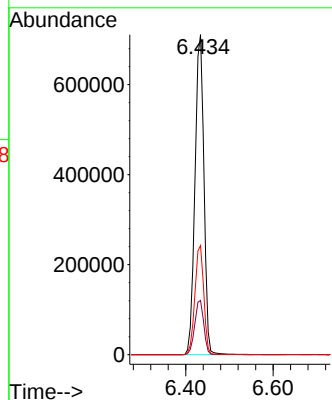
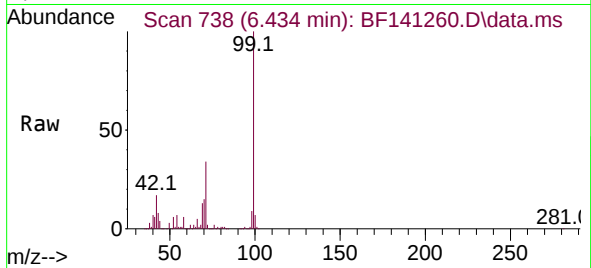
Instrument :

BNA_F

ClientSampleId :

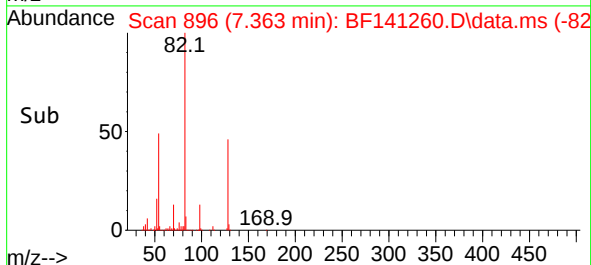
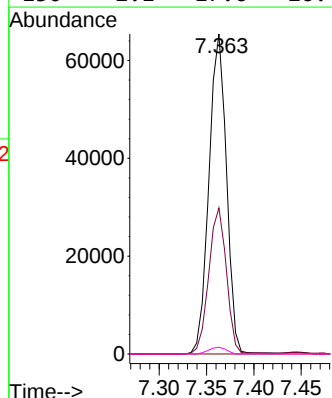
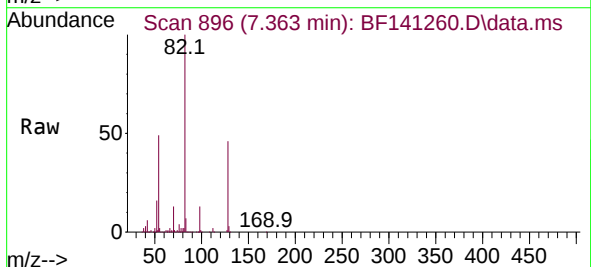
SPILL-SITE

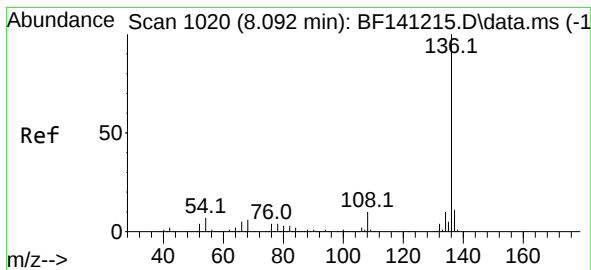
Tgt Ion: 99 Resp: 1015154
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.4
71 34.1 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.970 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion: 70 Resp: 84234
Ion Ratio Lower Upper
70 100
42 45.6 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#

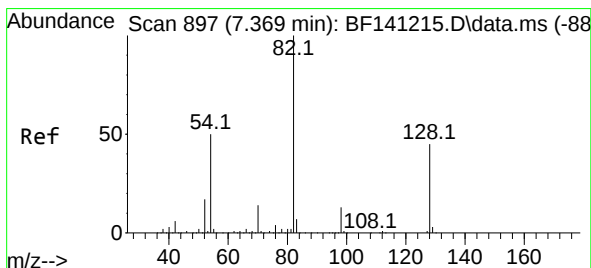
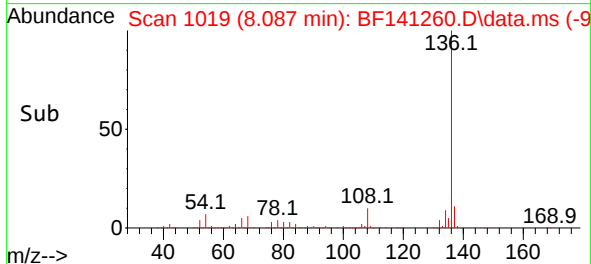
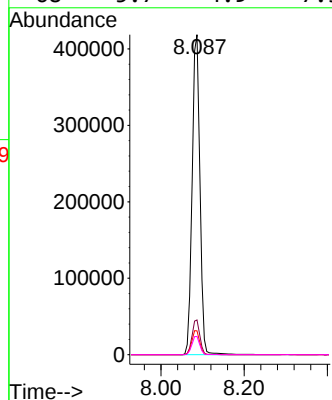
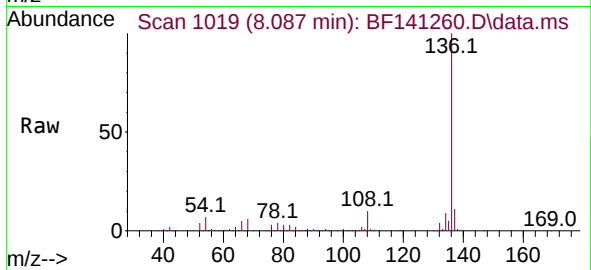




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 110
Delta R.T. -0.018 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

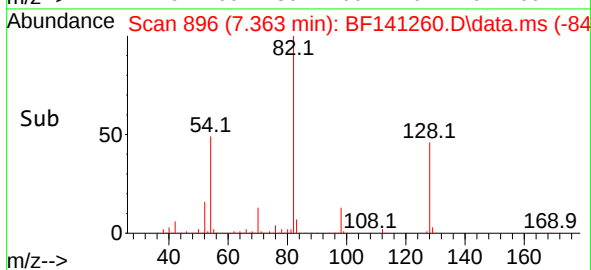
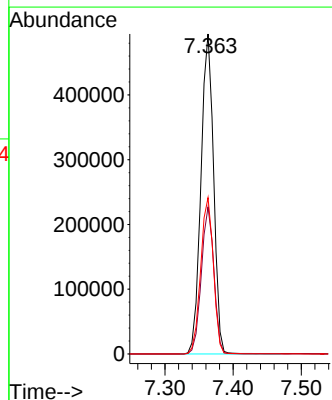
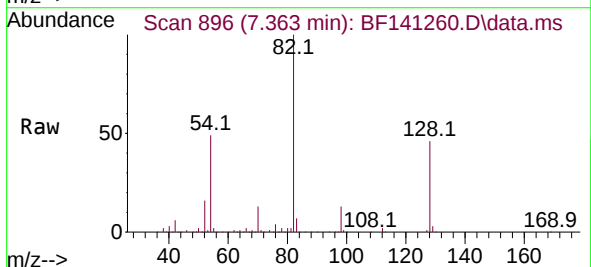
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

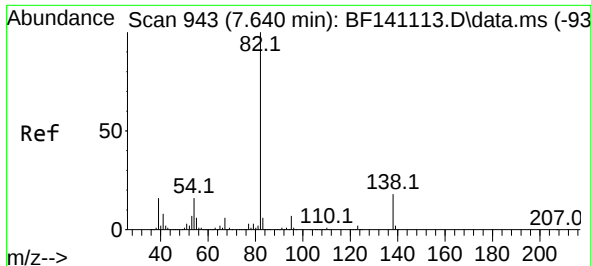
Tgt Ion:136 Resp: 545604
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.3 9.5
68 5.7 4.9 7.3



#23
Nitrobenzene-d5
Concen: 61.960 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion: 82 Resp: 637743
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 48.9 41.0 61.4

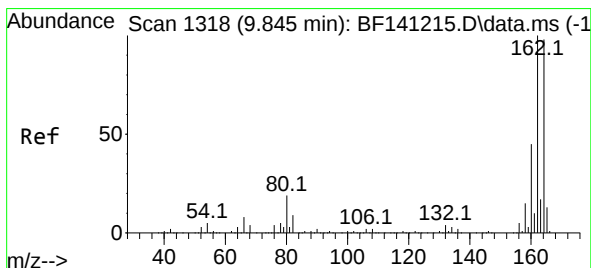
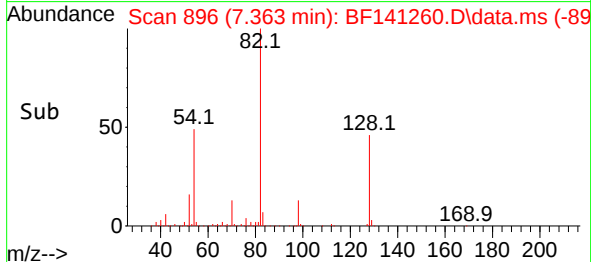
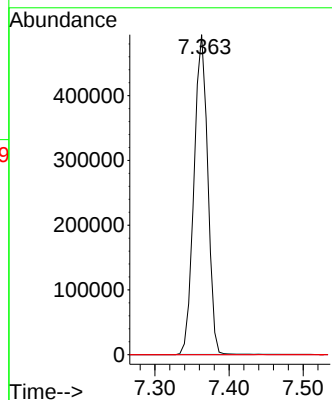
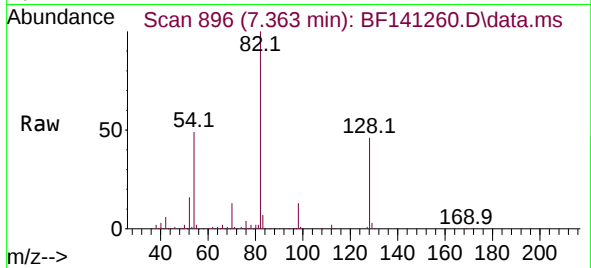




#25
Isophorone
Concen: 36.037 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

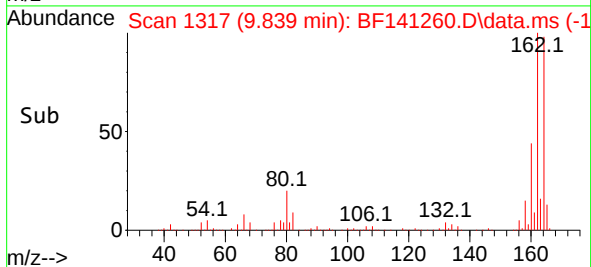
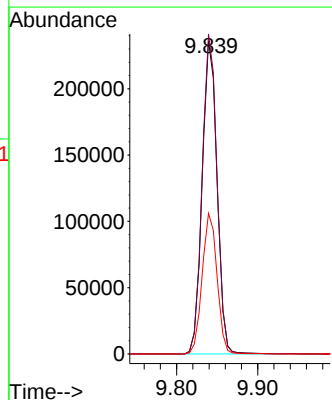
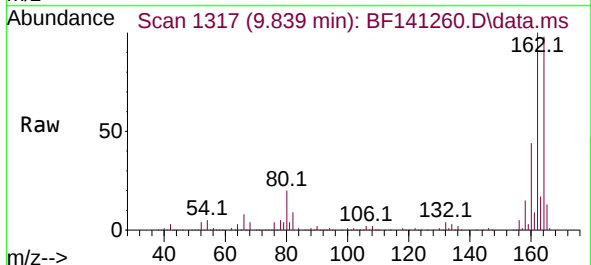
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

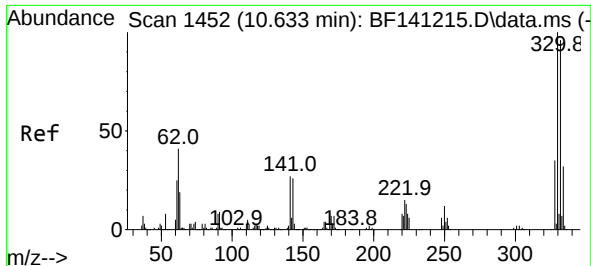
Tgt Ion: 82 Resp: 633885
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:164 Resp: 299306
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 44.9 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 106.864 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.024 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE

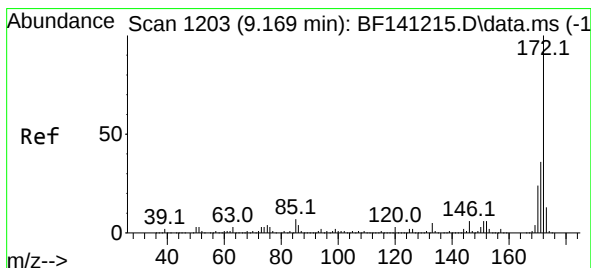
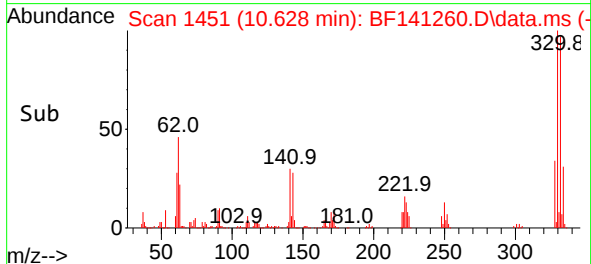
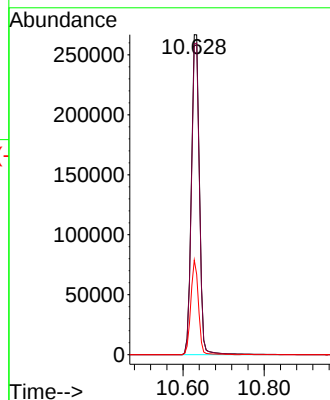
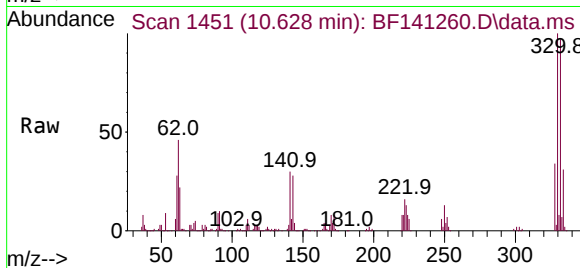
Tgt Ion:330 Resp: 364448

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 28.2 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 64.613 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

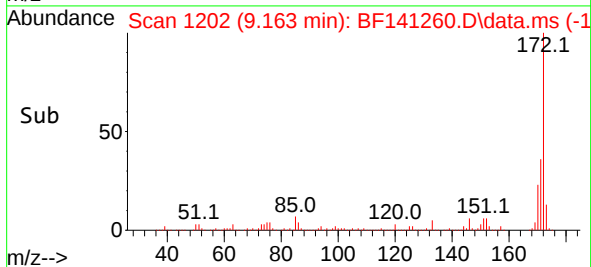
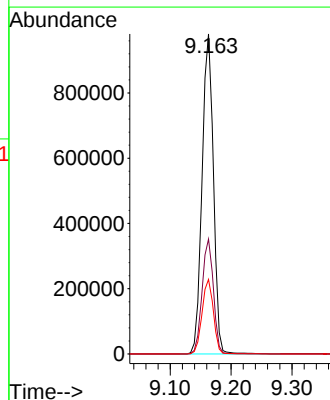
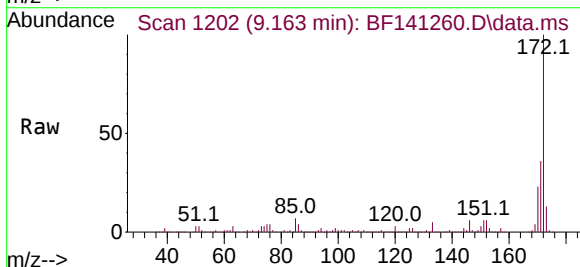
Tgt Ion:172 Resp: 1266447

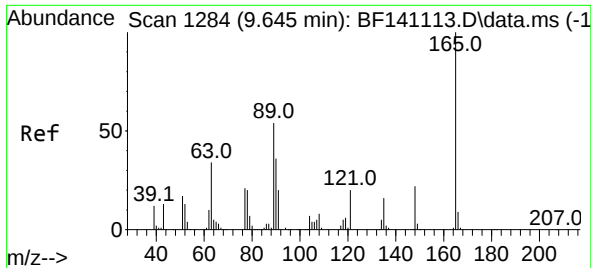
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.3 19.0 28.6

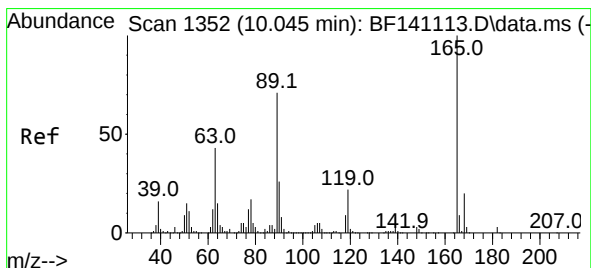
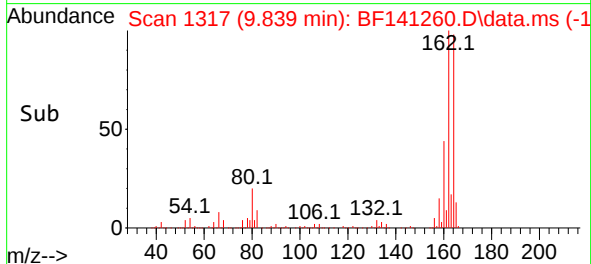
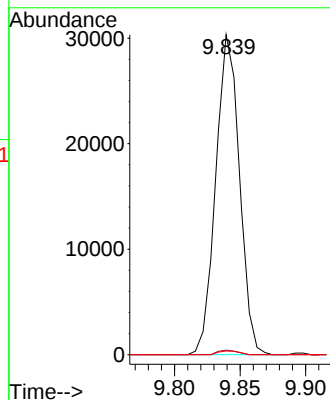
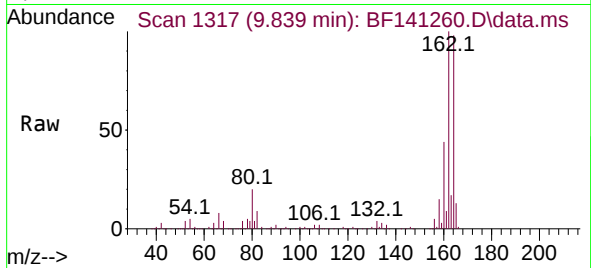




#51
2,6-Dinitrotoluene
Concen: 8.151 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

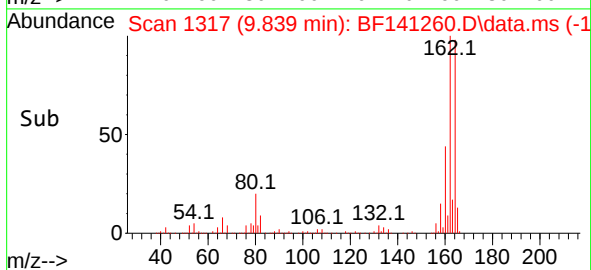
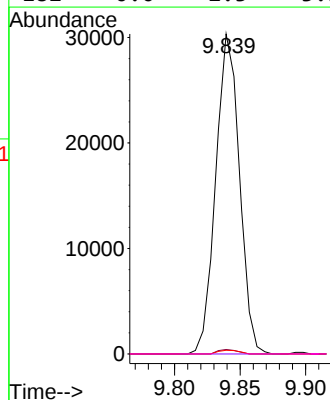
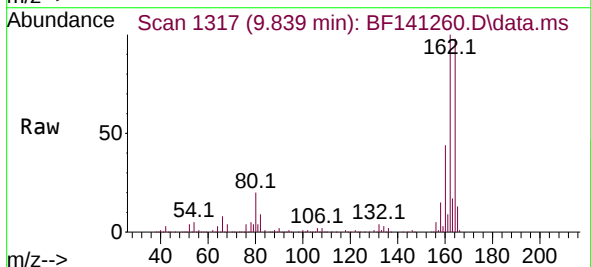
Instrument :
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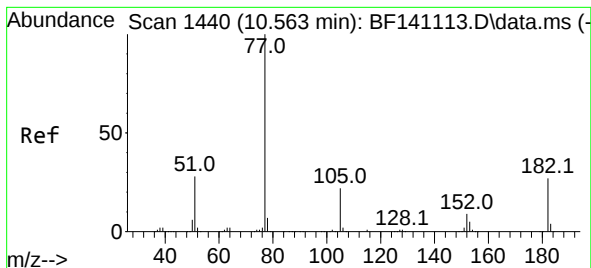
Tgt Ion:165 Resp: 38086
Ion Ratio Lower Upper
165 100
63 1.4 42.3 63.5#
89 1.1 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.325 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:165 Resp: 38086
Ion Ratio Lower Upper
165 100
63 1.4 35.0 52.4#
89 1.1 56.7 85.1#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 2.991 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE

Tgt Ion: 77 Resp: 57899

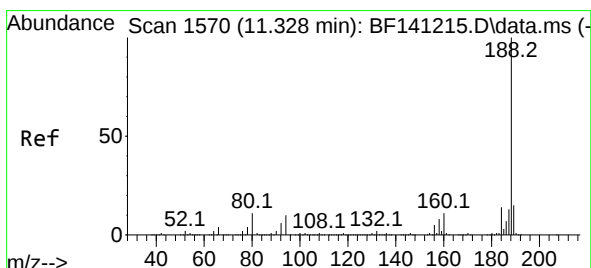
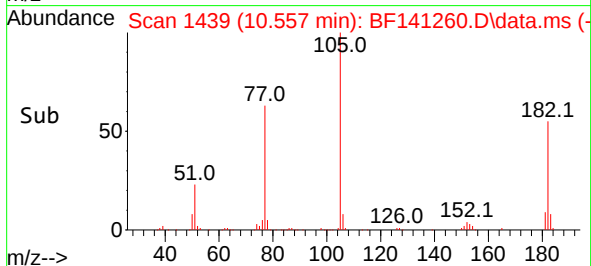
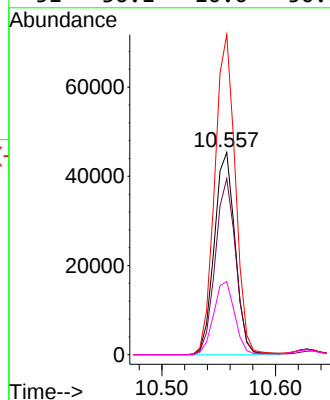
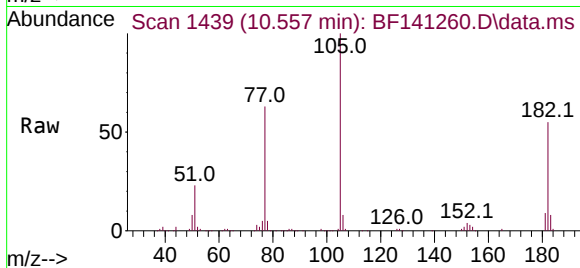
Ion Ratio Lower Upper

77 100

182 87.0 6.1 46.1#

105 158.2 2.1 42.1#

51 36.1 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

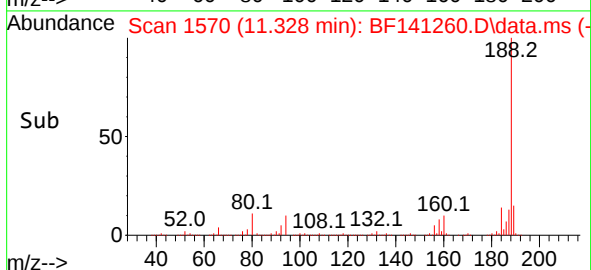
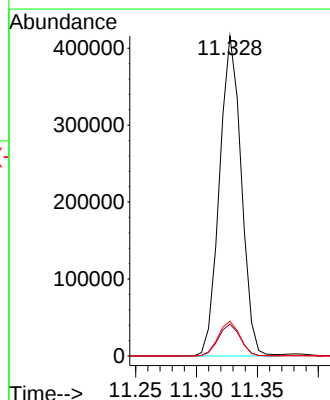
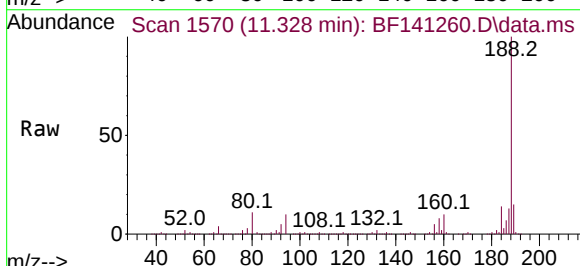
Tgt Ion: 188 Resp: 517862

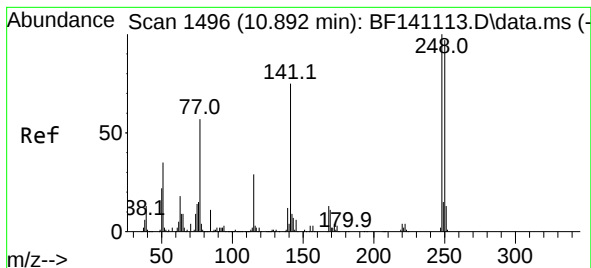
Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.9 9.0 13.4

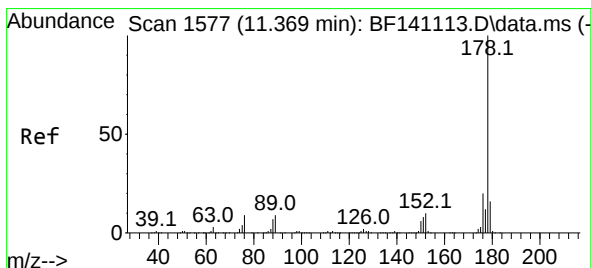
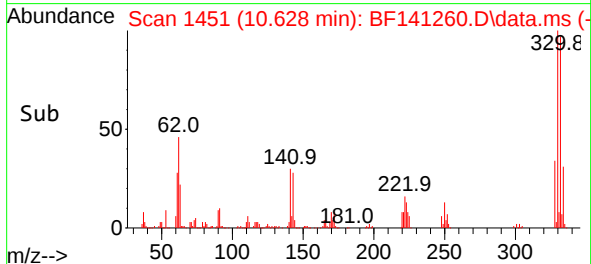
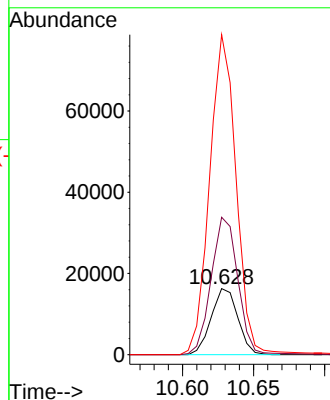
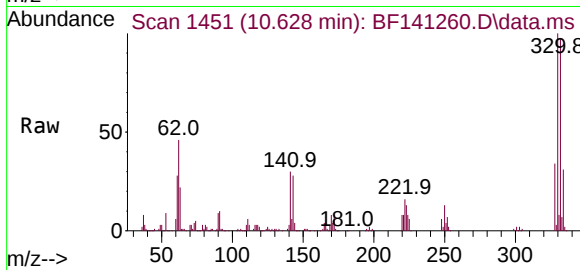




#67
4-Bromophenyl-phenylether
Concen: 3.563 ng
RT: 10.628 min Scan# 1496
Delta R.T. -0.265 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

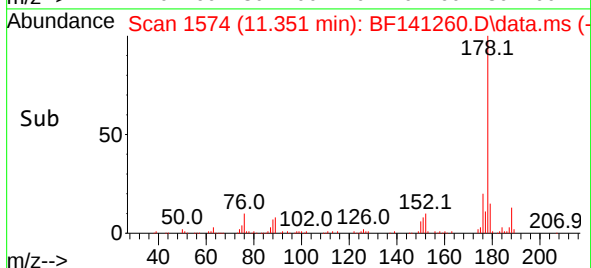
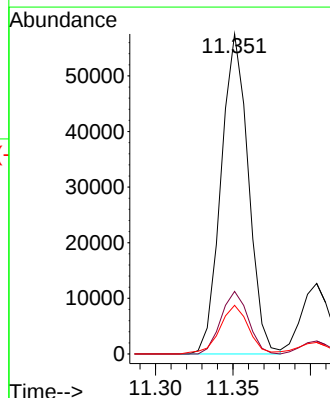
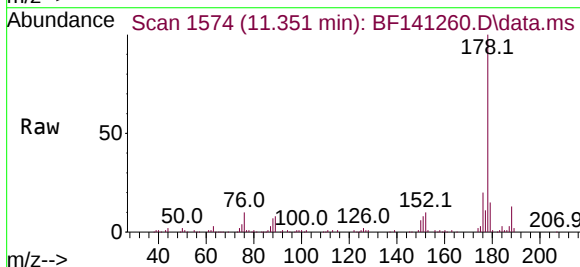
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

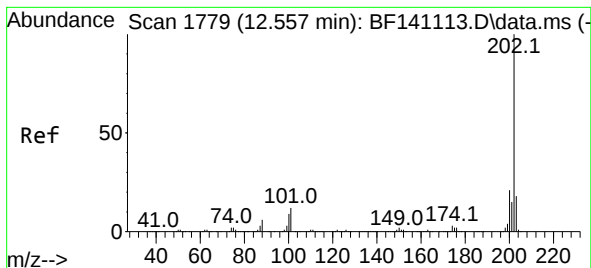
Tgt Ion:248 Resp: 21242
Ion Ratio Lower Upper
248 100
250 207.9 77.9 116.9#
141 484.2 59.9 89.9#



#71
Phenanthrene
Concen: 2.533 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:178 Resp: 70410
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.2 12.6 19.0

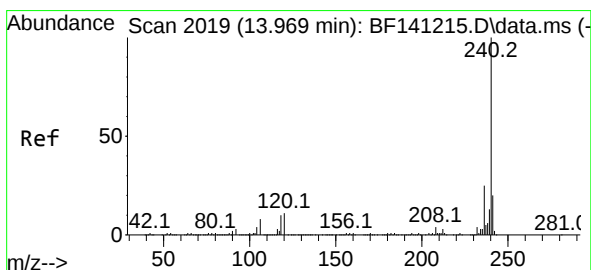
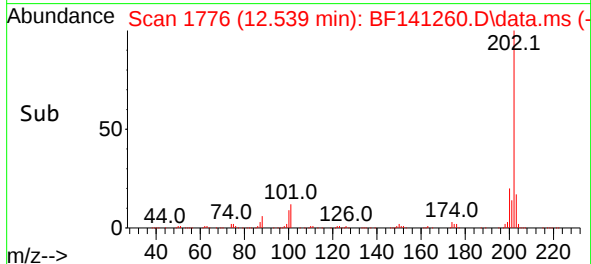
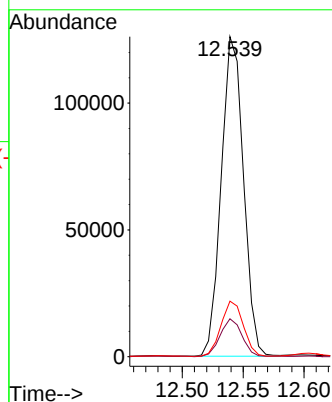
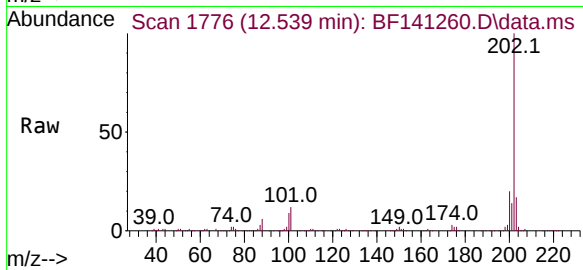




#75
Fluoranthene
Concen: 5.779 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

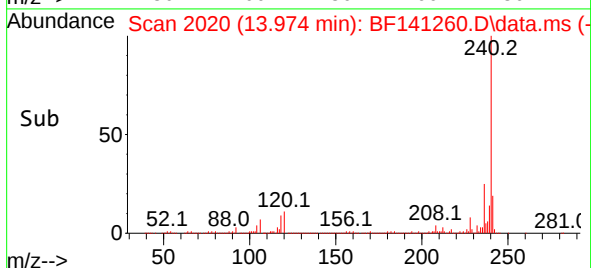
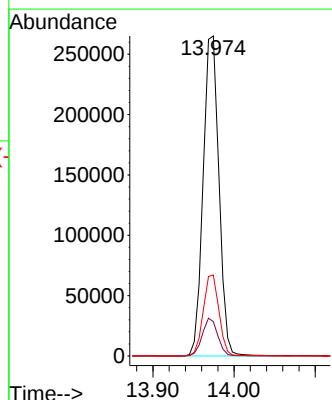
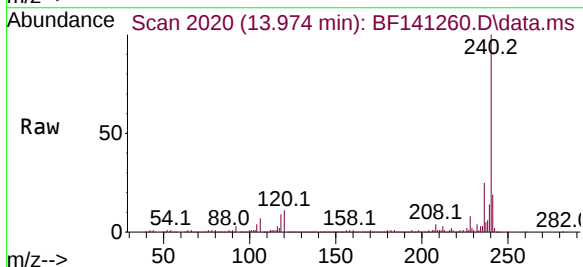
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

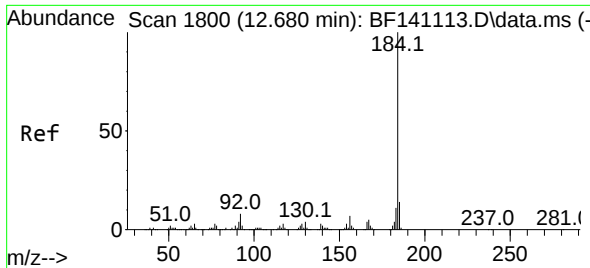
Tgt Ion:202 Resp: 160322
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.3
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:240 Resp: 358799
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 19.8 29.6

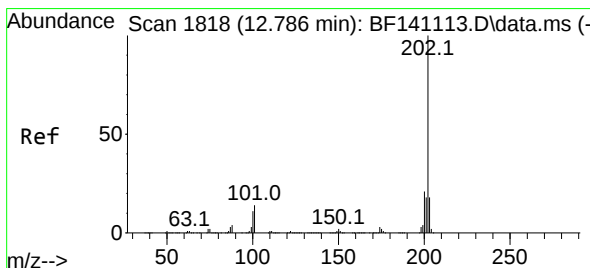
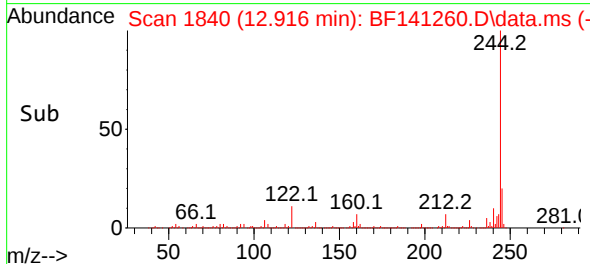
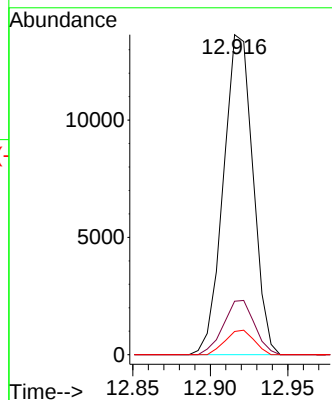
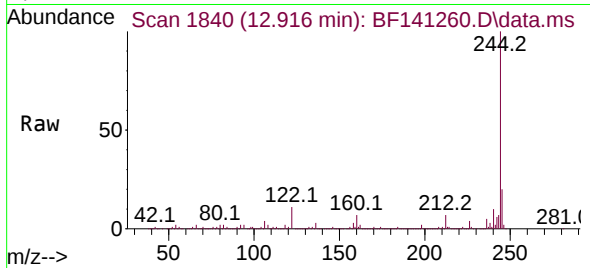




#77
Benzidine
Concen: 2.720 ng
RT: 12.916 min Scan# 1840
Delta R.T. 0.235 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

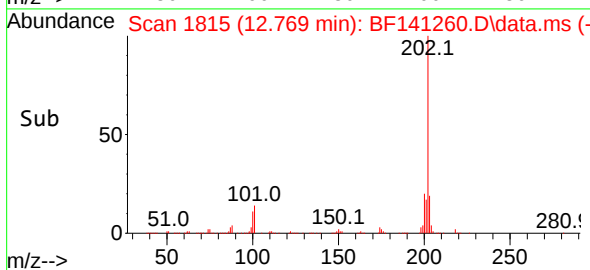
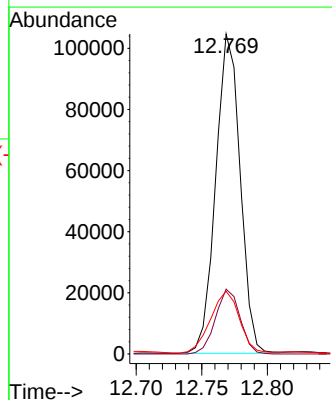
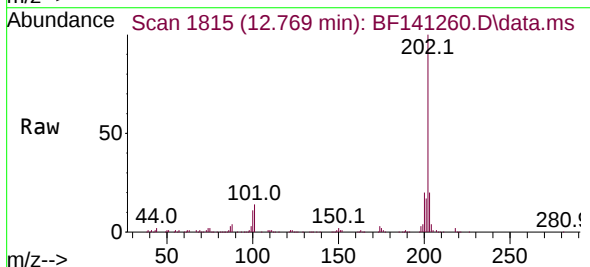
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

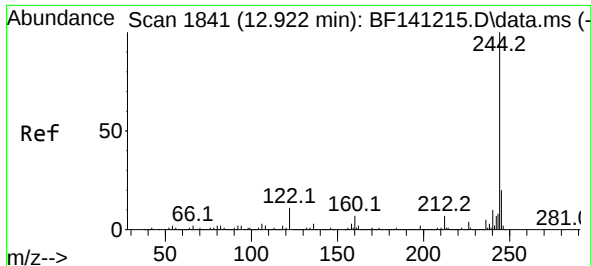
Tgt Ion:184 Resp: 18095
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.0
183 7.3 9.2 13.8#



#78
Pyrene
Concen: 3.949 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.018 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:202 Resp: 135340
Ion Ratio Lower Upper
202 100
200 20.3 16.8 25.2
203 19.6 14.3 21.5

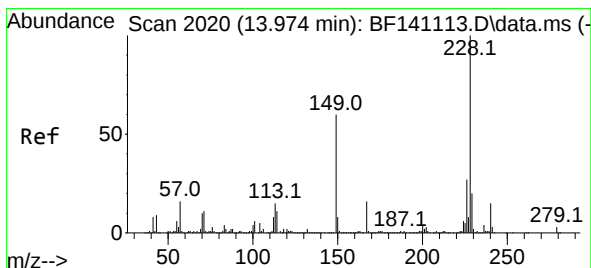
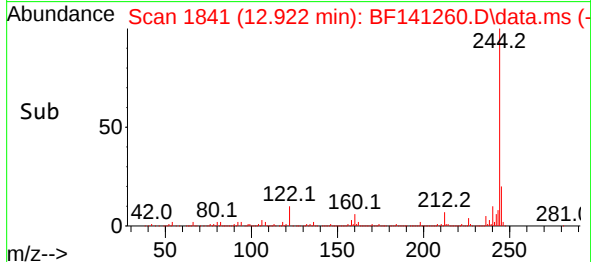
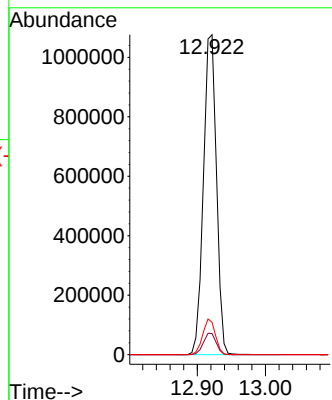
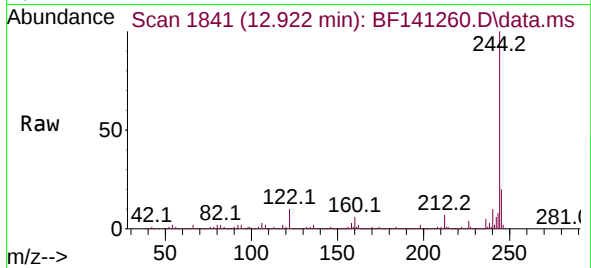




#79
 Terphenyl-d14
 Concen: 59.271 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141260.D
 Acq: 24 Jan 2025 14:16

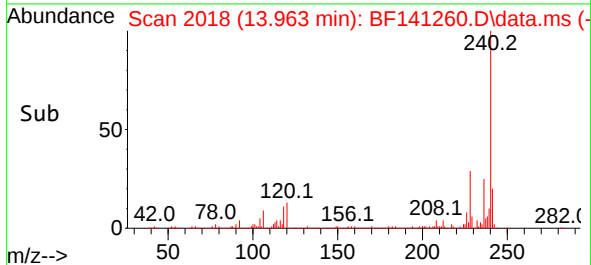
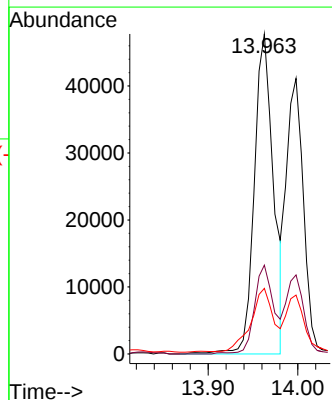
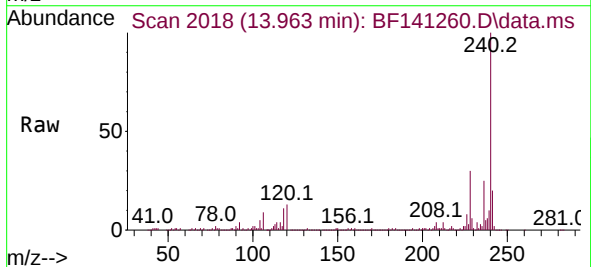
Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

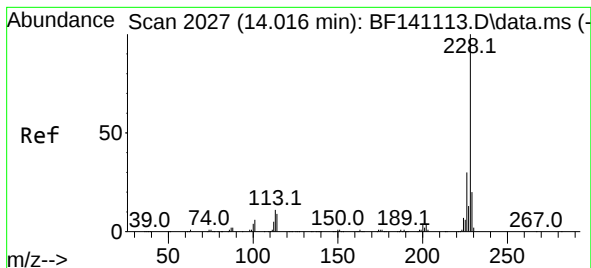
Tgt Ion:244 Resp: 1430816
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.907 ng
 RT: 13.963 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BF141260.D
 Acq: 24 Jan 2025 14:16

Tgt Ion:228 Resp: 70984
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.7 32.5
 229 20.5 15.7 23.5





#83

Chrysene

Concen: 2.362 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SPILL-SITE

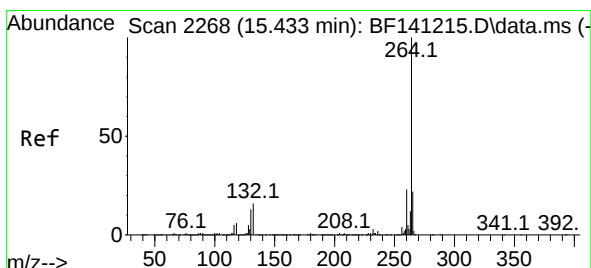
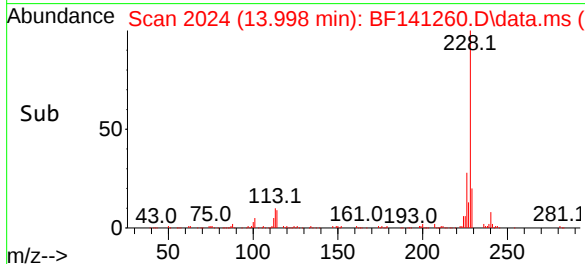
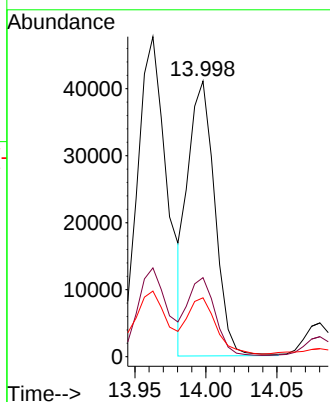
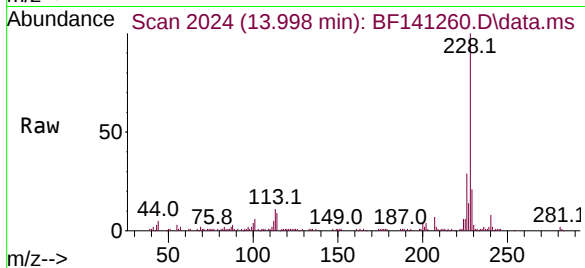
Tgt Ion:228 Resp: 53974

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.8

229 21.4 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF141260.D

Acq: 24 Jan 2025 14:16

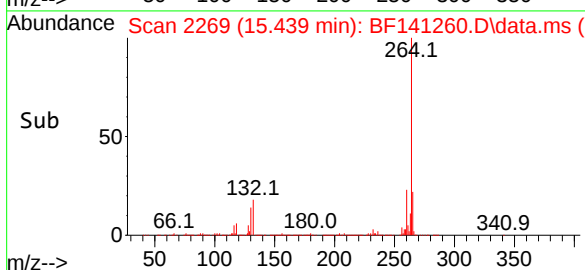
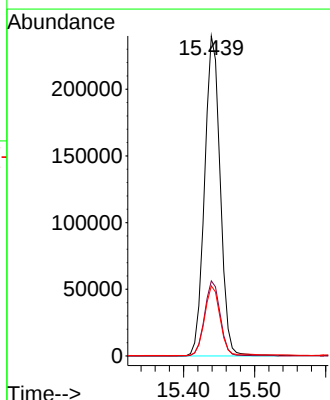
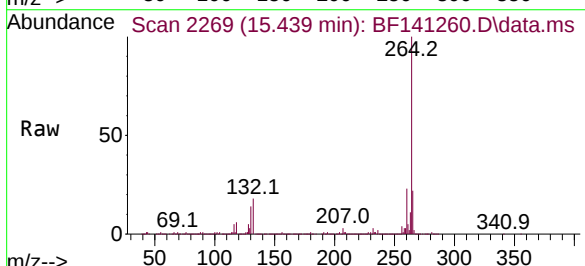
Tgt Ion:264 Resp: 366548

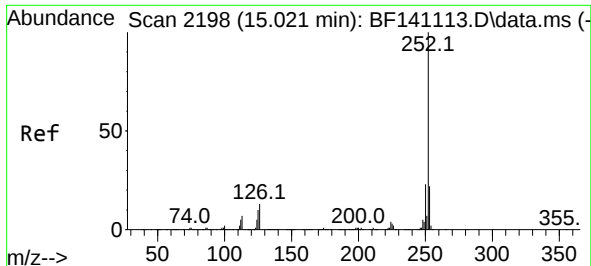
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.4 26.0

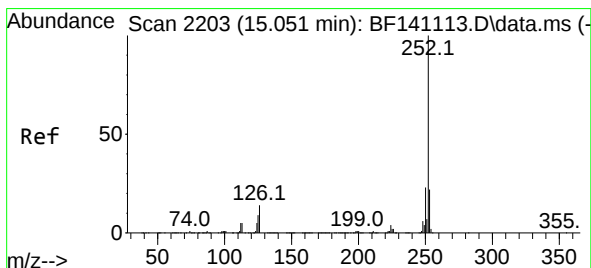
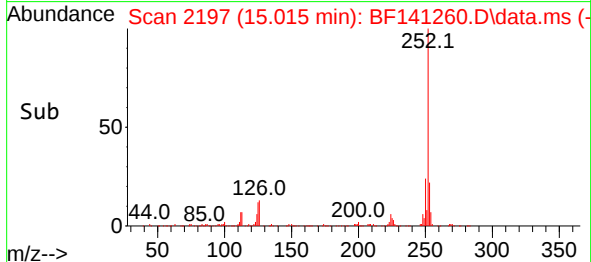
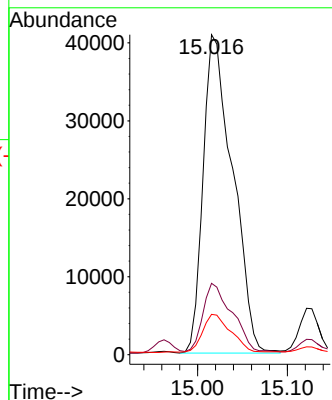
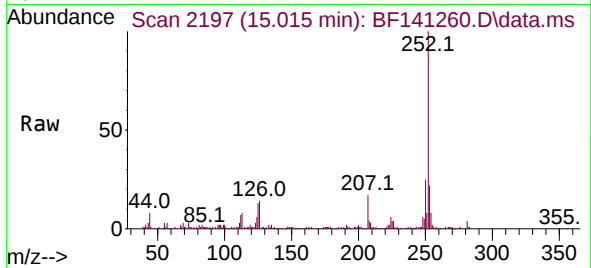




#88
Benzo(b)fluoranthene
Concen: 3.951 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

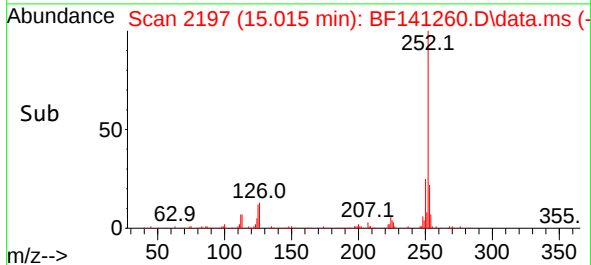
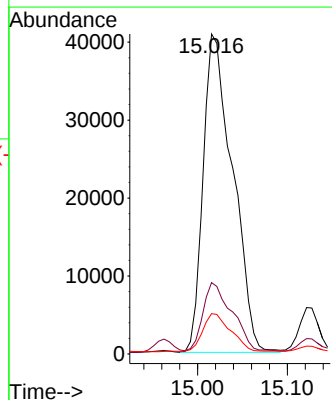
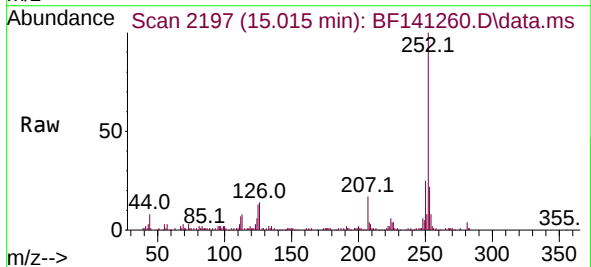
Instrument :
BNA_F
ClientSampleId :
SPILL-SITE

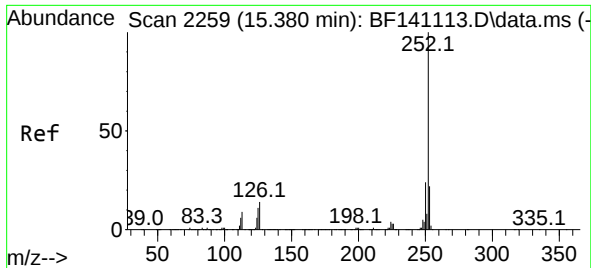
Tgt Ion:252 Resp: 93396
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.6 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 4.676 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BF141260.D
Acq: 24 Jan 2025 14:16

Tgt Ion:252 Resp: 93396
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.6 7.9 11.9#





#90
 Benzo(a)pyrene
 Concen: 2.321 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141260.D
 Acq: 24 Jan 2025 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SPILL-SITE

Tgt Ion:252 Resp: 45256
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.7 26.5
 125 13.6 9.1 13.7

