

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136626.D
 Acq On : 18 Dec 2023 21:17
 Operator : CG\JU
 Sample : 05485-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5

Quant Time: Dec 19 01:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

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

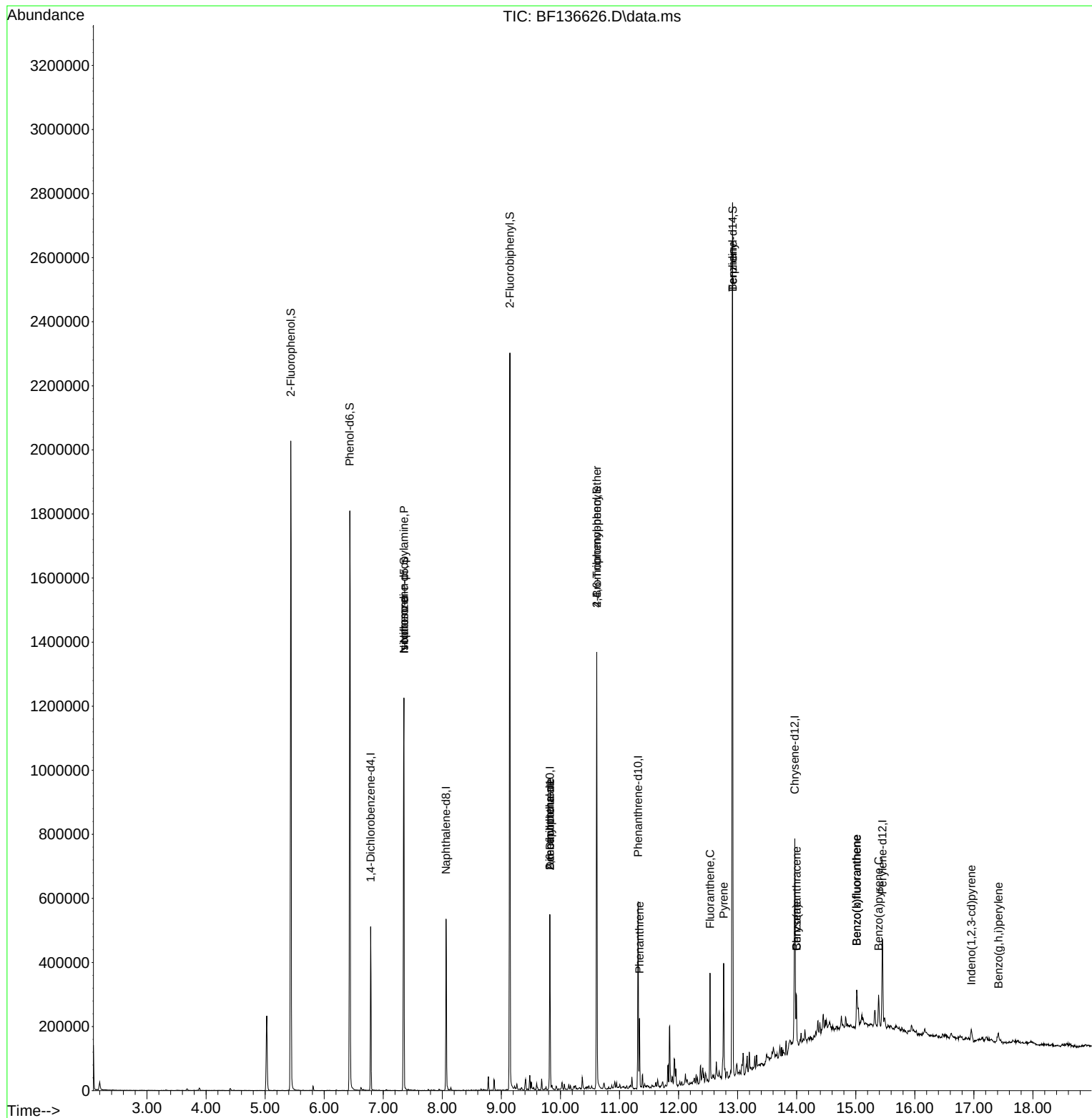
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	69917	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	234125	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	99912	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	200489	20.000	ng	0.00
76) Chrysene-d12	13.968	240	188171	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	135130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	604475	127.681	ng	0.00
7) Phenol-d6	6.434	99	698069	118.182	ng	-0.01
23) Nitrobenzene-d5	7.351	82	395273	91.270	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	162641	132.022	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	698417	95.383	ng	0.00
79) Terphenyl-d14	12.915	244	983687	68.902	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	59	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.351	70	49697	14.585	ng	# 75
25) Isophorone	7.351	82	395268	50.801	ng	# 65
50) Dimethylphthalate	9.822	163	19119	2.599	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	13277	8.023	ng	# 29
67) 4-Bromophenyl-phenylether	10.616	248	9982	4.282	ng	# 1
71) Phenanthrene	11.339	178	72113	6.544	ng	99
75) Fluoranthene	12.533	202	115786	10.026	ng	95
77) Benzidine	12.915	184	10759	2.060	ng	# 94
78) Pyrene	12.763	202	138154	7.497	ng	96
81) Benzo(a)anthracene	13.998	228	69514	5.303	ng	95
83) Chrysene	13.998	228	69514	5.390	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.956	276	23395	2.492	ng	97
88) Benzo(b)fluoranthene	15.015	252	82239	8.901	ng	# 93
89) Benzo(k)fluoranthene	15.015	252	82239	9.445	ng	# 93
90) Benzo(a)pyrene	15.386	252	45288	5.935	ng	98
92) Benzo(g,h,i)perylene	17.415	276	22189	2.811	ng	98

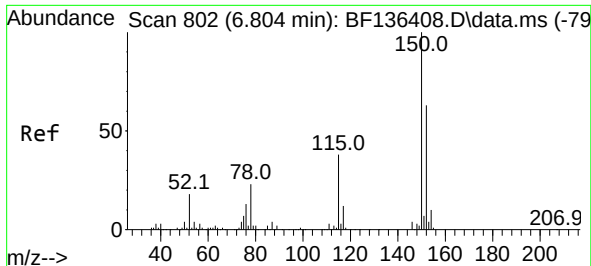
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136626.D
Acq On : 18 Dec 2023 21:17
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

Quant Time: Dec 19 01:07:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 00:56:37 2023
Response via : Initial Calibration

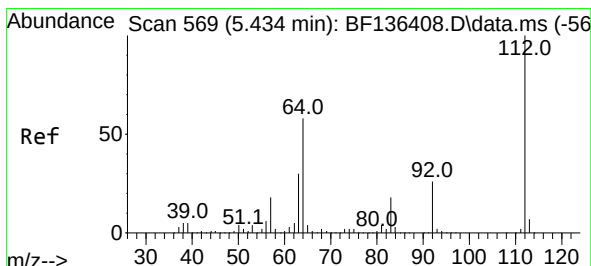
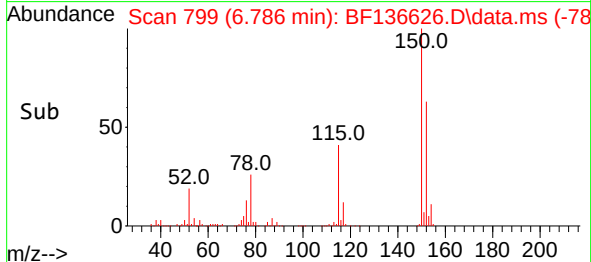
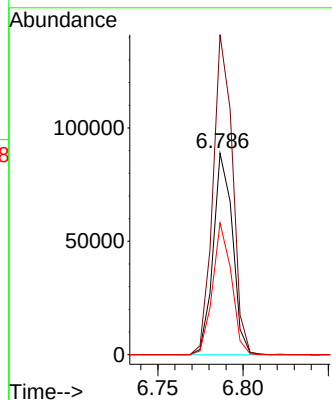
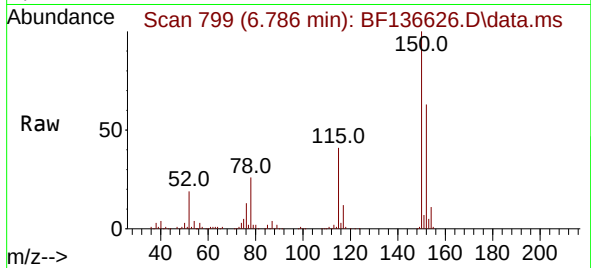




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

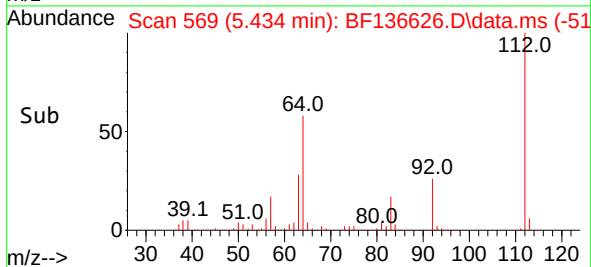
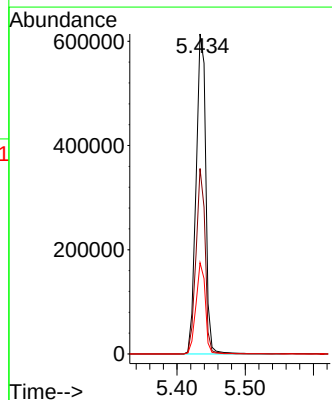
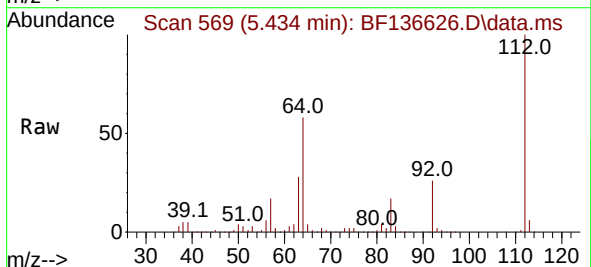
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

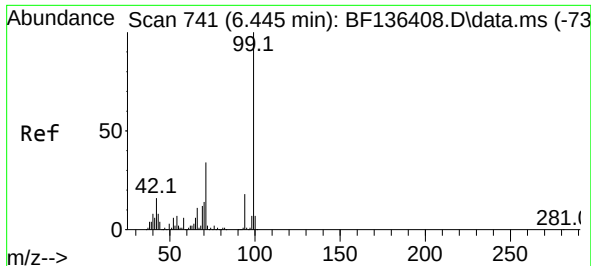
Tgt Ion:152 Resp: 69917
Ion Ratio Lower Upper
152 100
150 158.8 126.4 189.6
115 65.4 48.2 72.4



#5
2-Fluorophenol
Concen: 127.681 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion:112 Resp: 604475
Ion Ratio Lower Upper
112 100
64 58.0 46.5 69.7
63 28.5 23.9 35.9

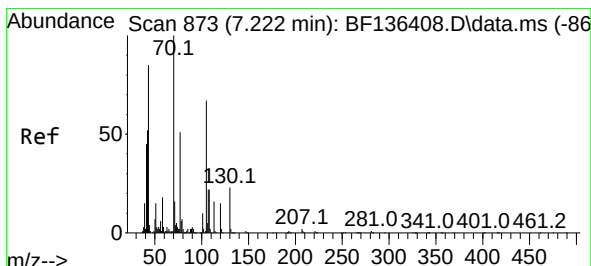
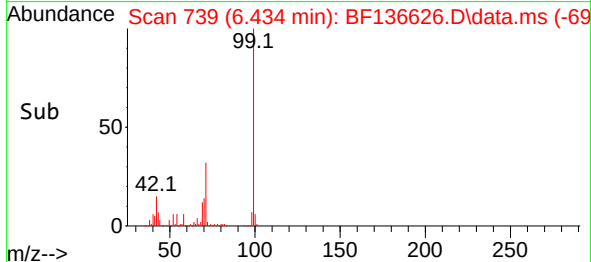
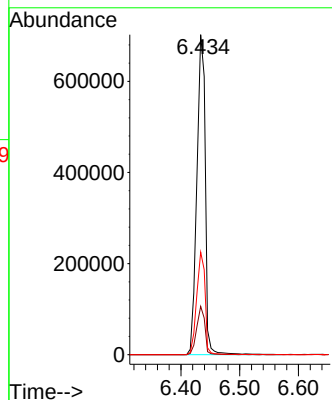
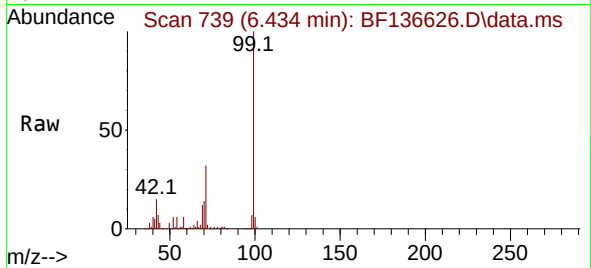




#7
Phenol-d6
Concen: 118.182 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

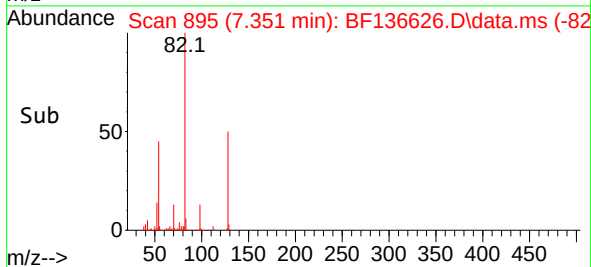
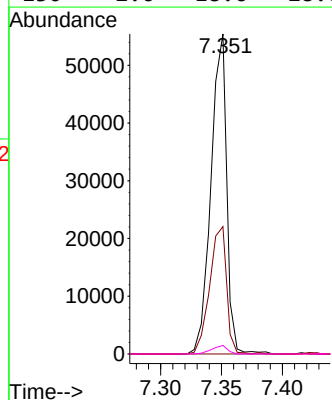
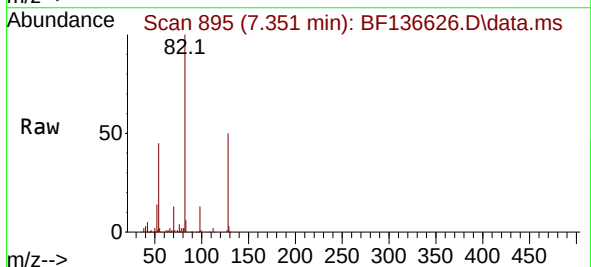
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

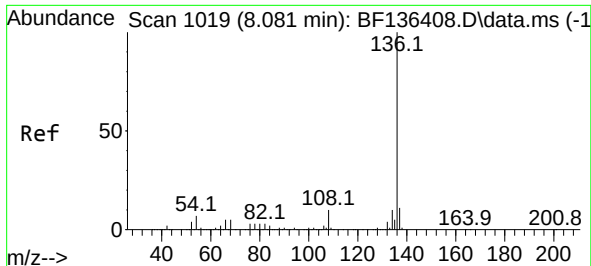
Tgt Ion: 99 Resp: 698069
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.0 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.585 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion: 70 Resp: 49697
Ion Ratio Lower Upper
70 100
42 39.8 41.4 62.0#
101 0.0 8.2 12.4#
130 2.6 18.6 28.0#



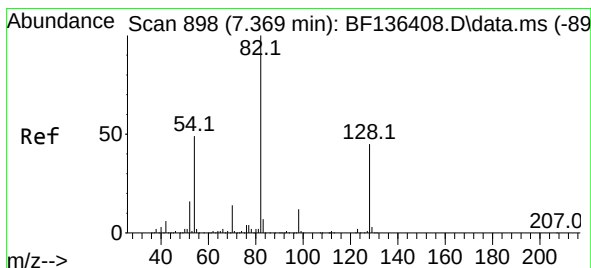
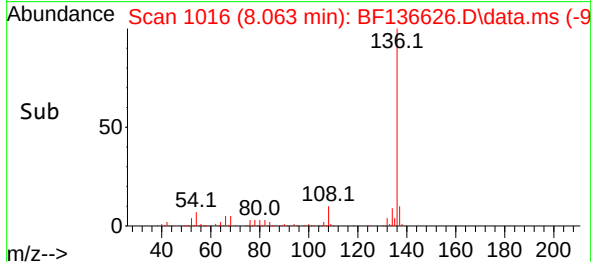
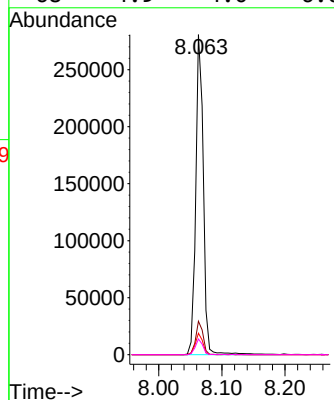
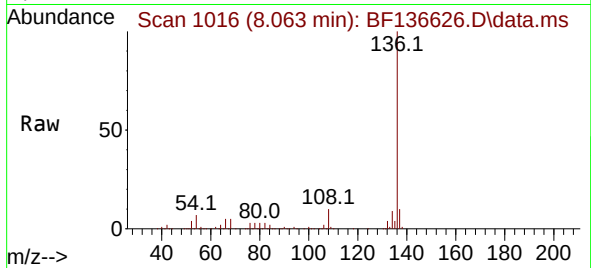


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

Tgt Ion:136 Resp: 234125

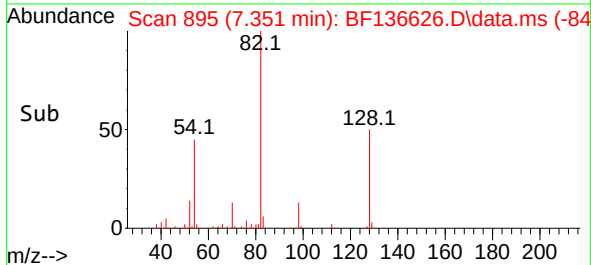
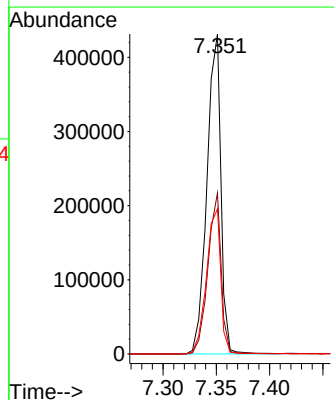
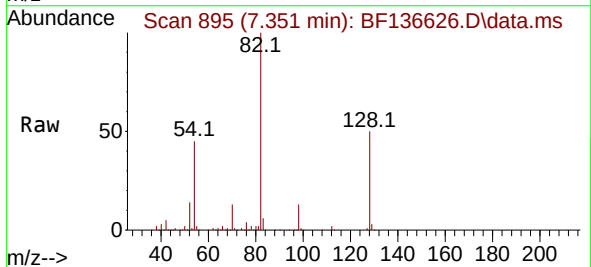
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.7	5.7	8.5
68	4.9	4.0	6.0

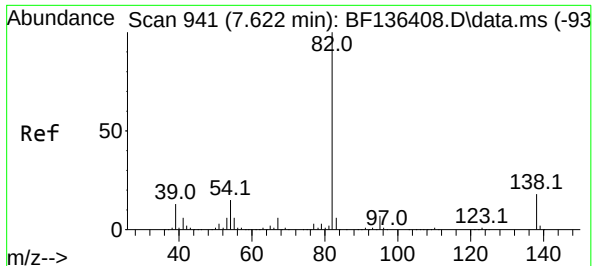


#23
Nitrobenzene-d5
Concen: 91.270 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion: 82 Resp: 395273

Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.3	54.5
54	45.4	39.0	58.6

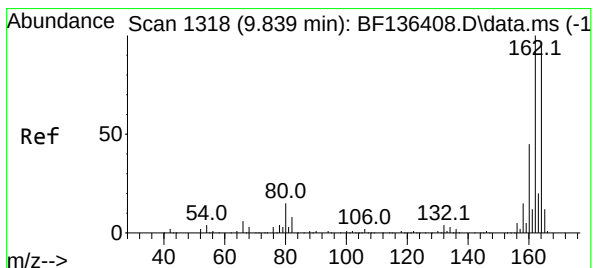
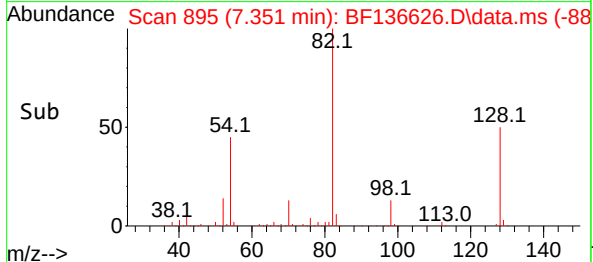
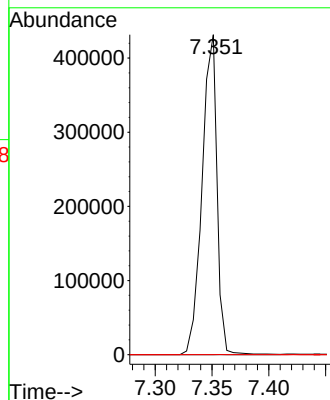
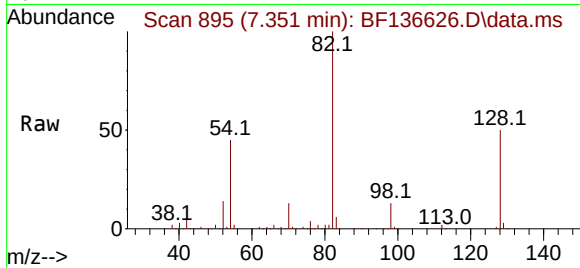




#25
Isophorone
Concen: 50.801 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

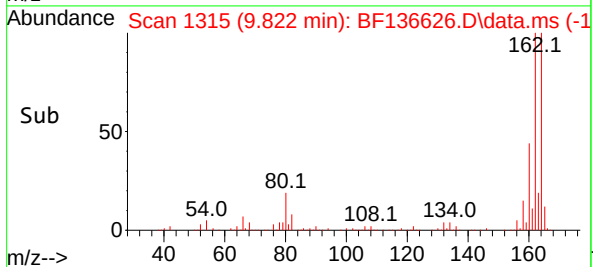
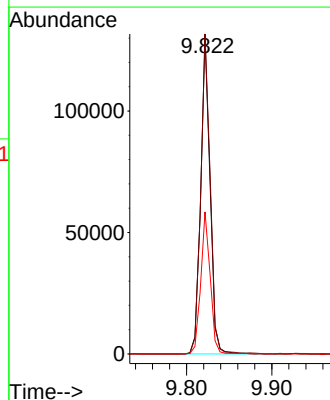
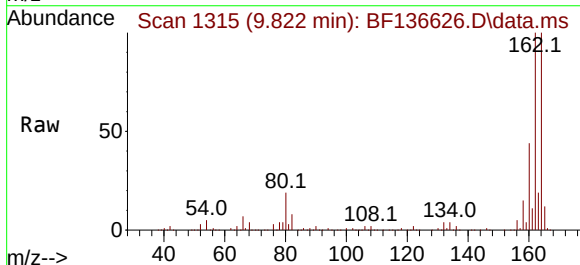
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

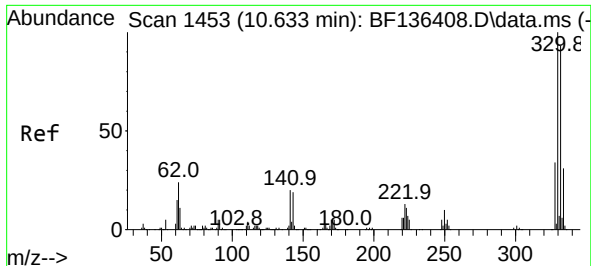
Tgt Ion: 82 Resp: 395268
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion:164 Resp: 99912
Ion Ratio Lower Upper
164 100
162 100.4 84.4 126.6
160 44.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 132.022 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136626.D

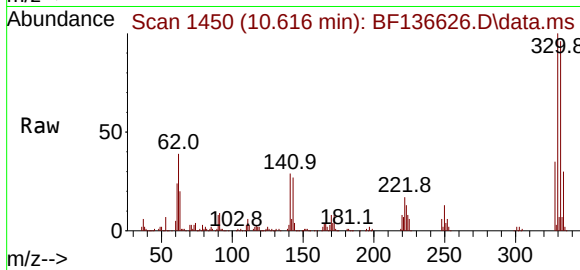
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Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5



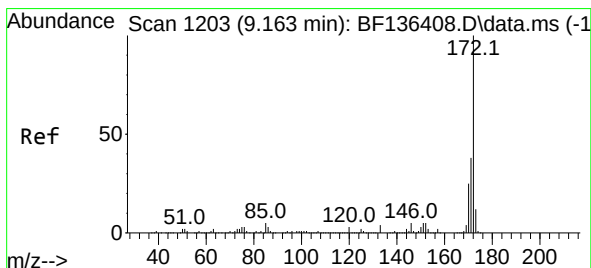
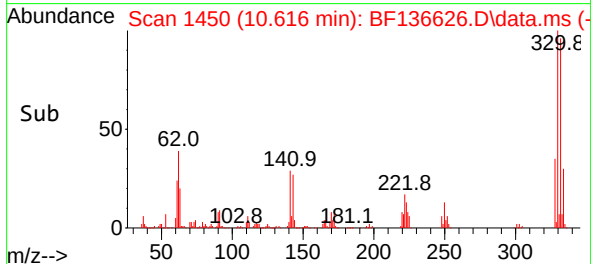
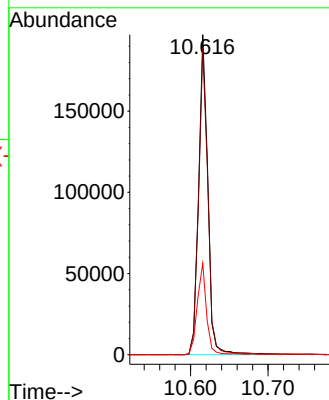
Tgt Ion:330 Resp: 162641

Ion Ratio Lower Upper

330 100

332 97.3 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 95.383 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

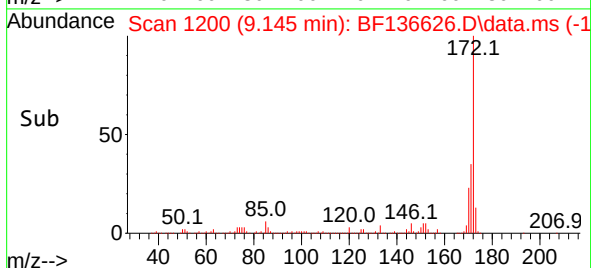
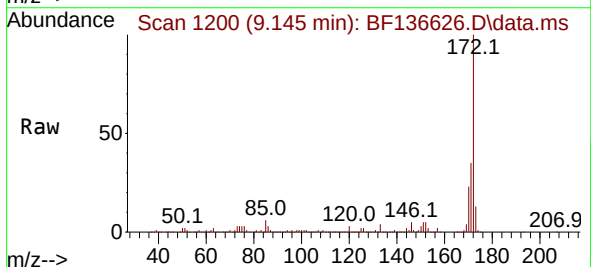
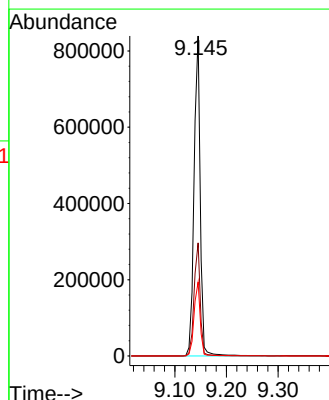
Tgt Ion:172 Resp: 698417

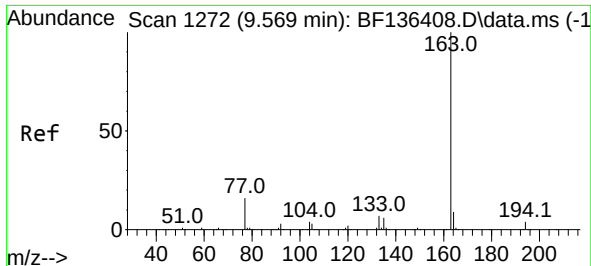
Ion Ratio Lower Upper

172 100

171 35.4 30.5 45.7

170 23.1 19.9 29.9

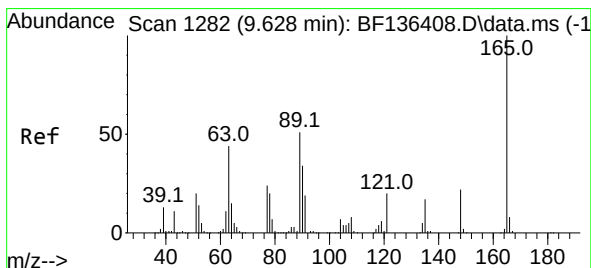
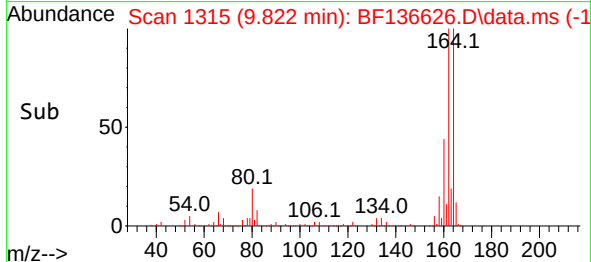
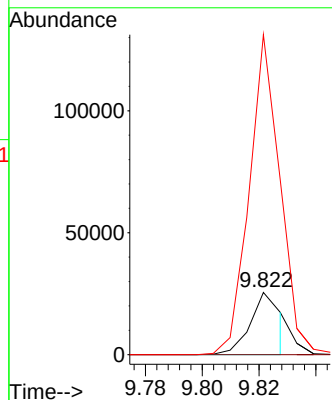
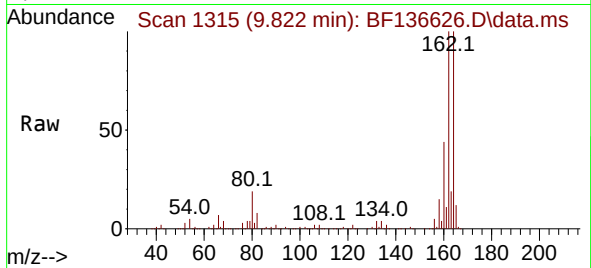




#50
Dimethylphthalate
Concen: 2.599 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

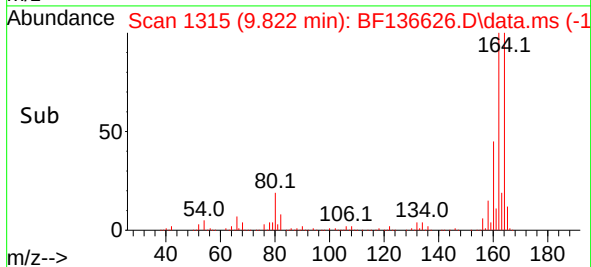
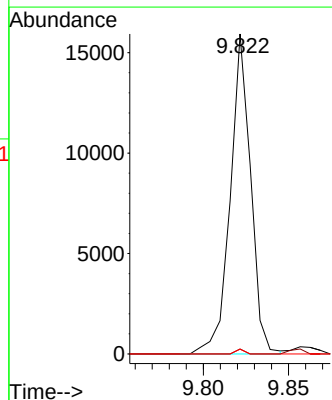
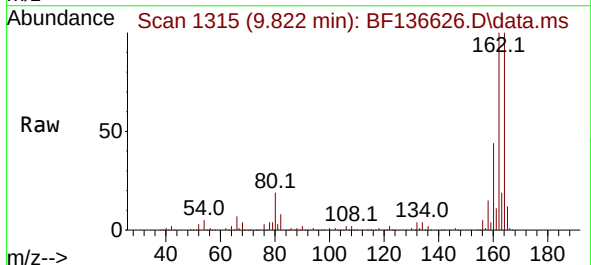
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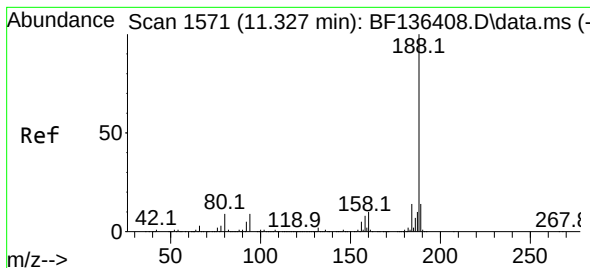
Tgt Ion:163 Resp: 19119
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 513.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 8.023 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion:165 Resp: 13277
Ion Ratio Lower Upper
165 100
63 1.6 40.4 60.6#
89 1.5 40.6 60.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

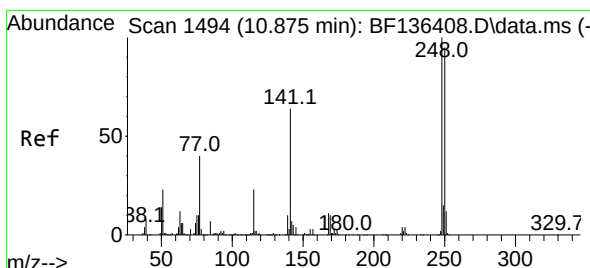
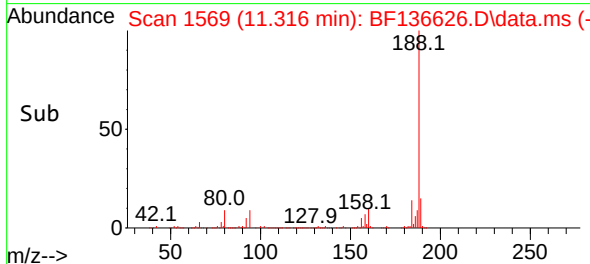
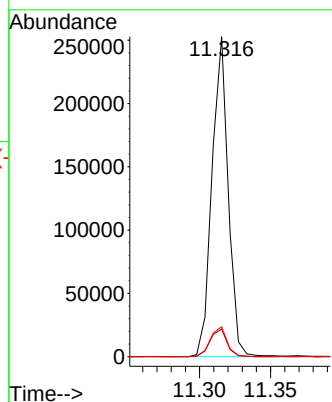
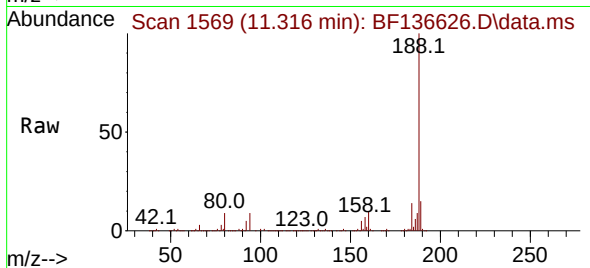
Tgt Ion:188 Resp: 200489

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.282 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

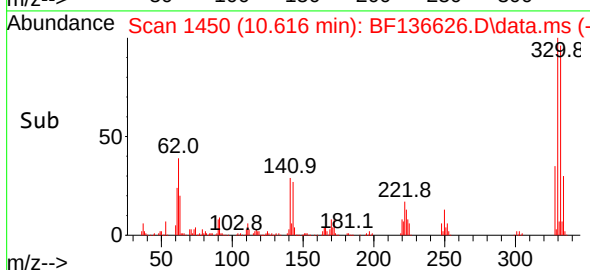
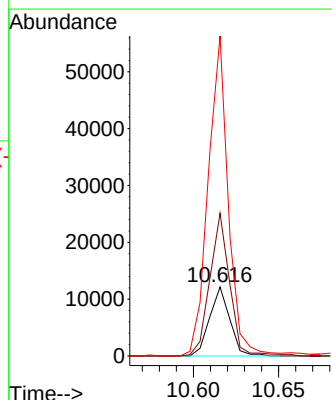
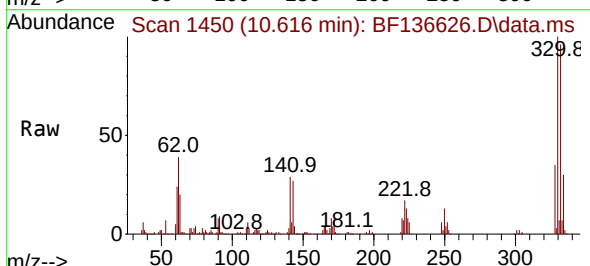
Tgt Ion:248 Resp: 9982

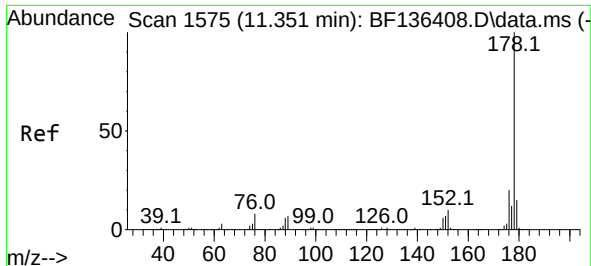
Ion Ratio Lower Upper

248 100

250 206.9 76.2 114.2#

141 464.1 51.0 76.4#

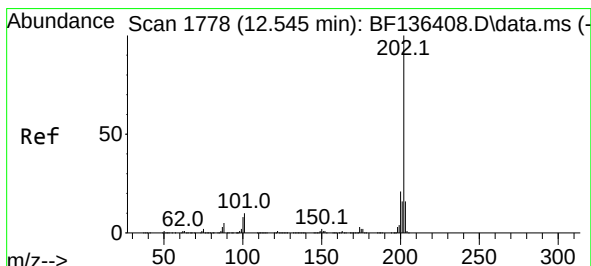
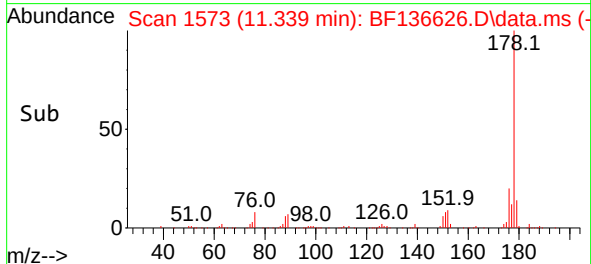
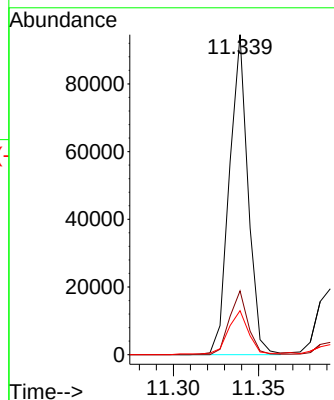
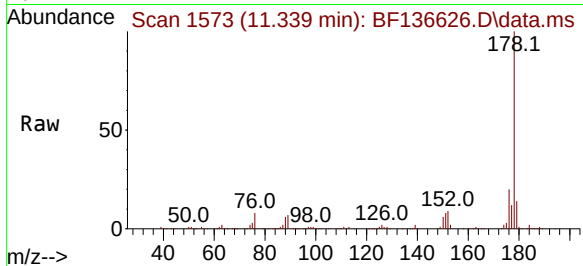




#71
Phenanthrene
Concen: 6.544 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

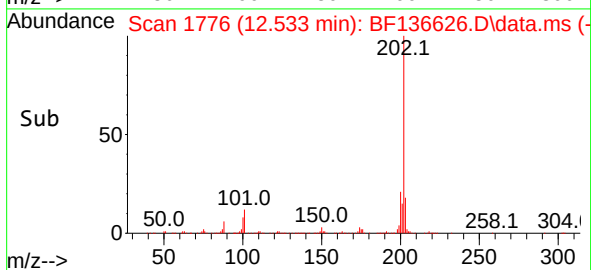
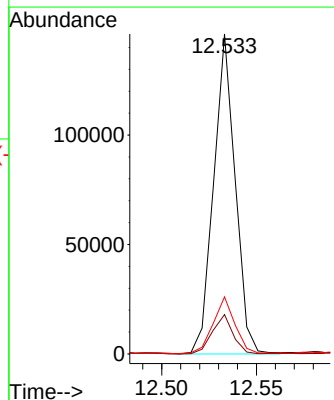
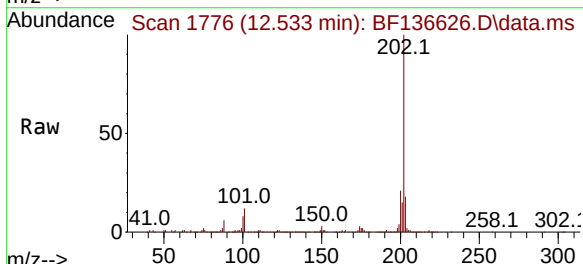
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5

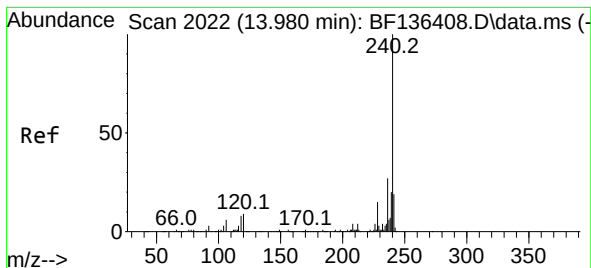
Tgt Ion:178 Resp: 72113
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 13.7 11.8 17.6



#75
Fluoranthene
Concen: 10.026 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136626.D
Acq: 18 Dec 2023 21:17

Tgt Ion:202 Resp: 115786
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.9
203 17.9 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

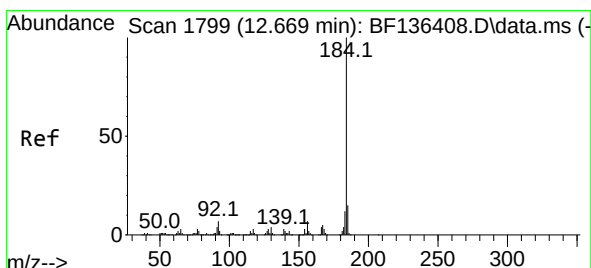
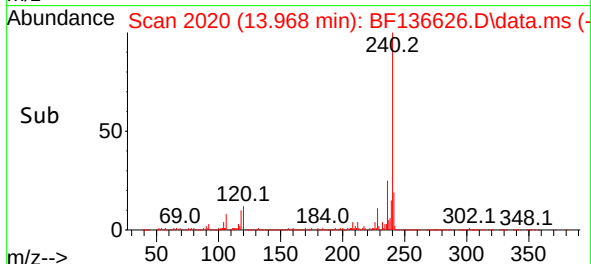
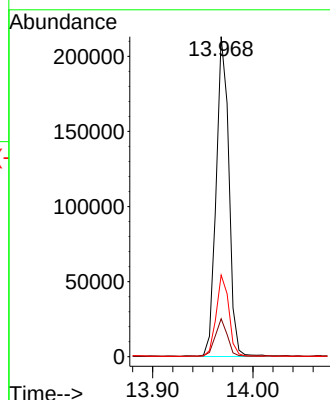
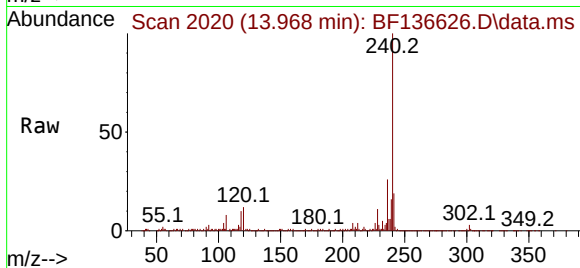
Tgt Ion:240 Resp: 188171

Ion Ratio Lower Upper

240 100

120 11.8 7.3 10.9#

236 25.5 21.3 31.9



#77

Benzidine

Concen: 2.060 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

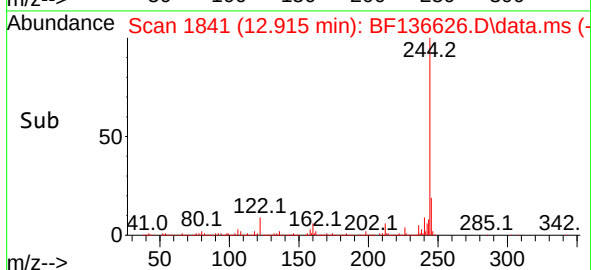
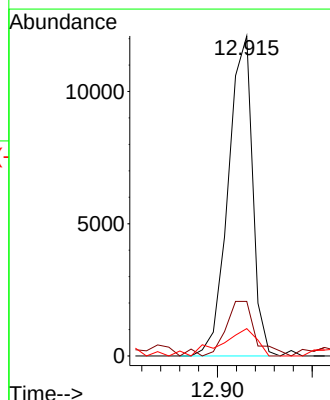
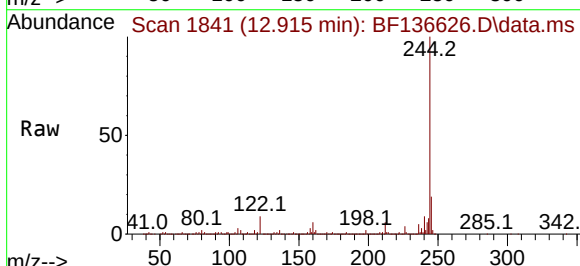
Tgt Ion:184 Resp: 10759

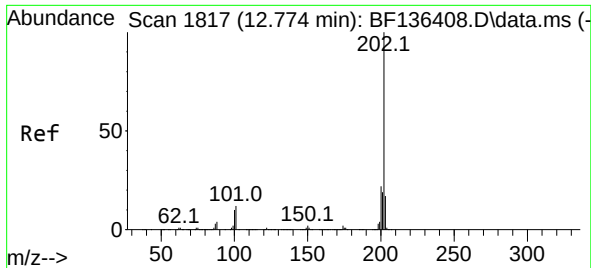
Ion Ratio Lower Upper

184 100

185 17.1 12.0 18.0

183 8.5 9.4 14.0#

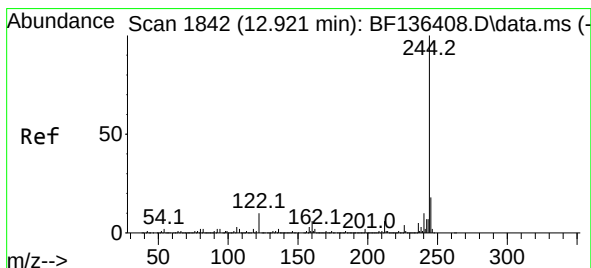
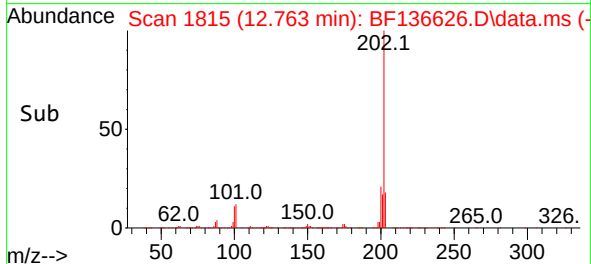
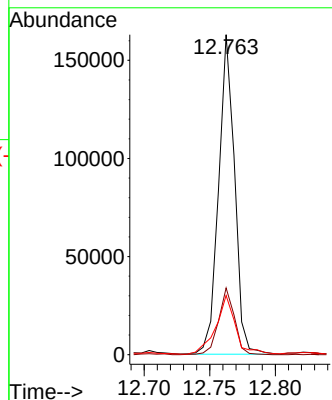
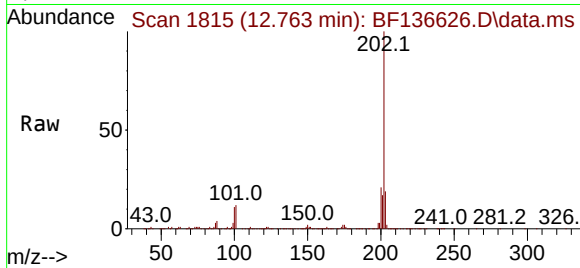




#78
 Pyrene
 Concen: 7.497 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.012 min
 Lab File: BF136626.D
 Acq: 18 Dec 2023 21:17

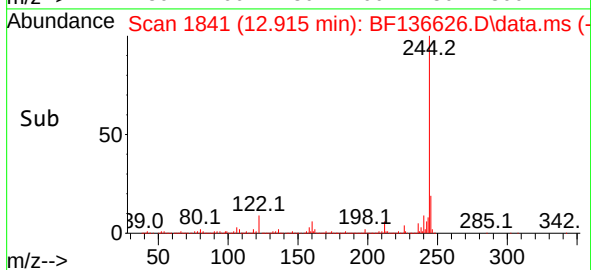
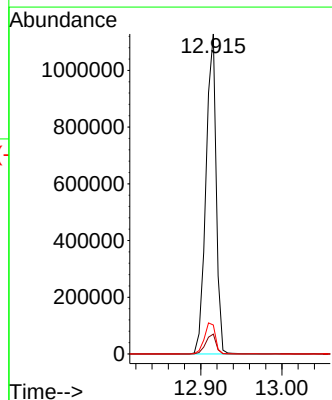
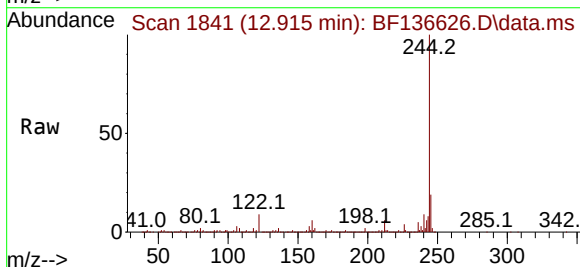
Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5

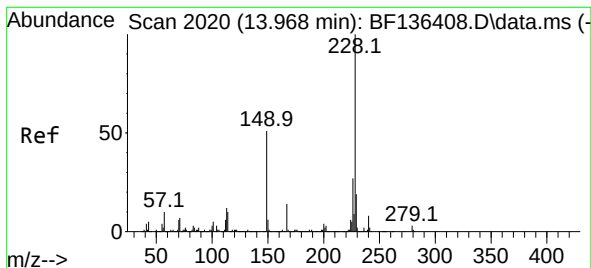
Tgt Ion:202 Resp: 138154
 Ion Ratio Lower Upper
 202 100
 200 20.9 18.0 27.0
 203 18.5 13.5 20.3



#79
 Terphenyl-d14
 Concen: 68.902 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136626.D
 Acq: 18 Dec 2023 21:17

Tgt Ion:244 Resp: 983687
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.1 8.3 12.5





#81

Benzo(a)anthracene

Concen: 5.303 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.029 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

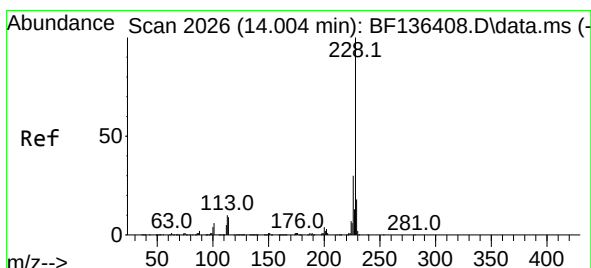
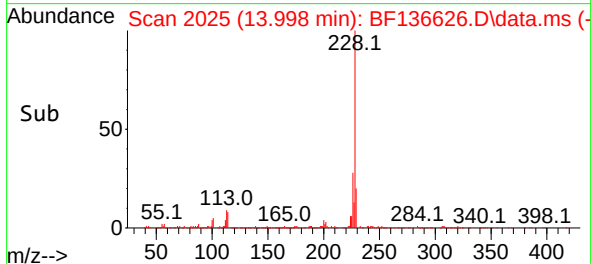
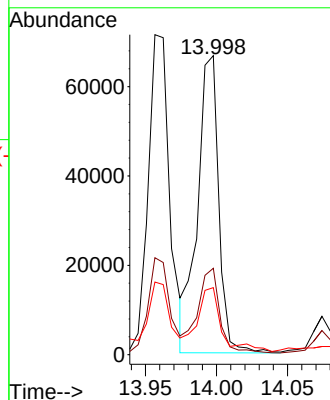
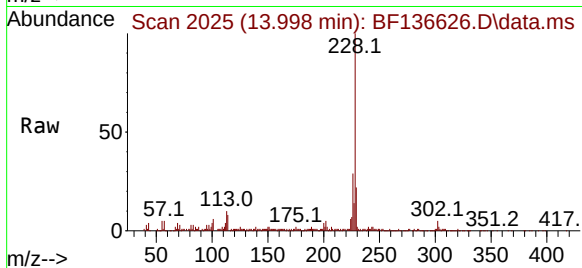
Tgt Ion:228 Resp: 69514

Ion Ratio Lower Upper

228 100

226 28.9 21.8 32.8

229 22.4 15.0 22.4



#83

Chrysene

Concen: 5.390 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

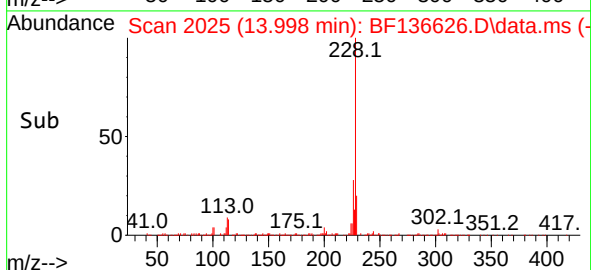
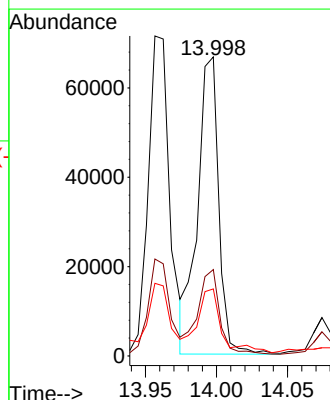
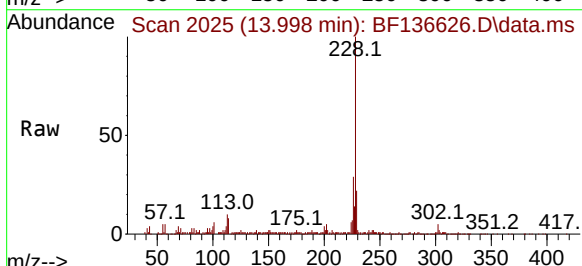
Tgt Ion:228 Resp: 69514

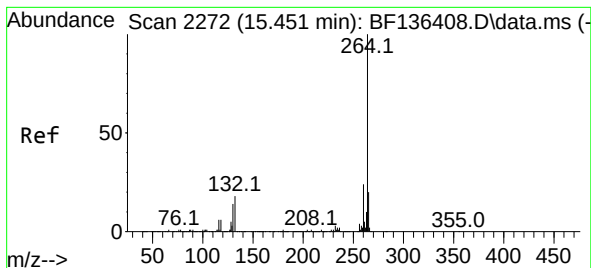
Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.6

229 22.4 14.8 22.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

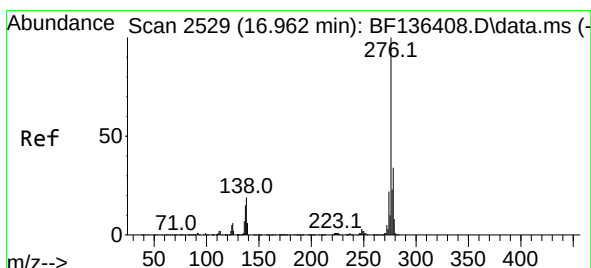
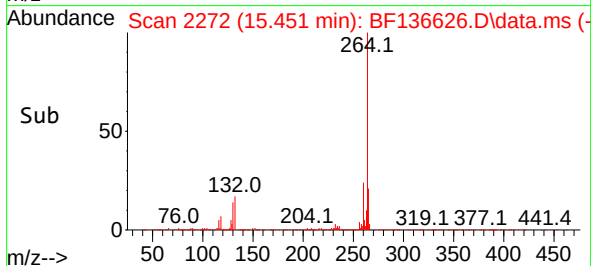
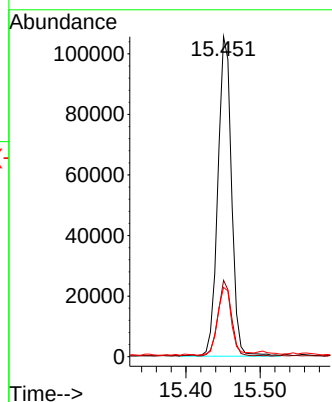
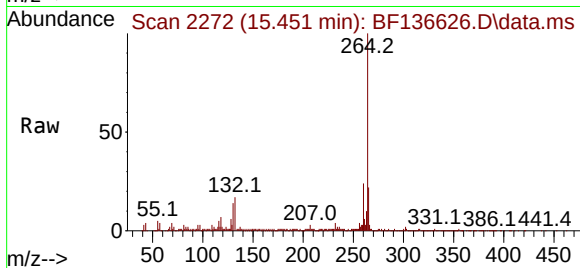
Tgt Ion:264 Resp: 135130

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 15.9 23.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.492 ng

RT: 16.956 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

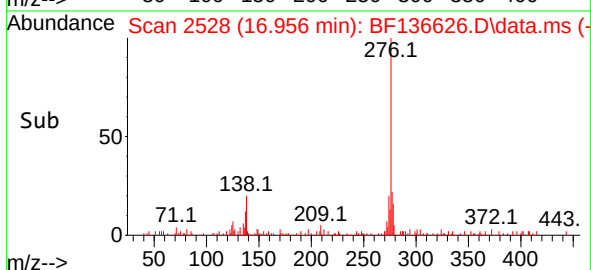
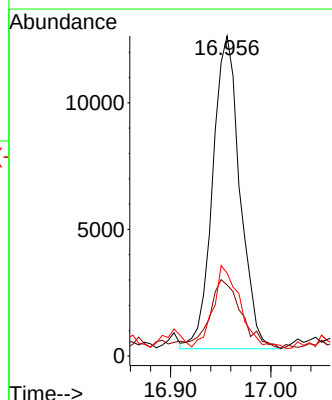
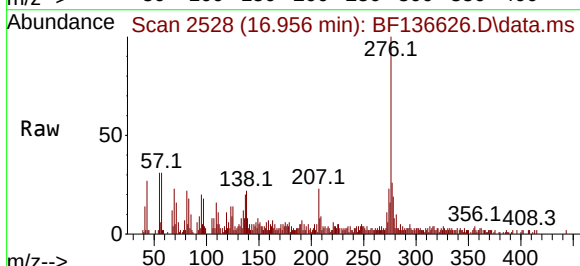
Tgt Ion:276 Resp: 23395

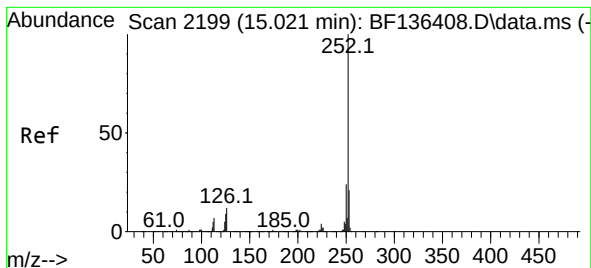
Ion Ratio Lower Upper

276 100

138 25.0 19.0 28.4

277 26.3 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 8.901 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNL_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

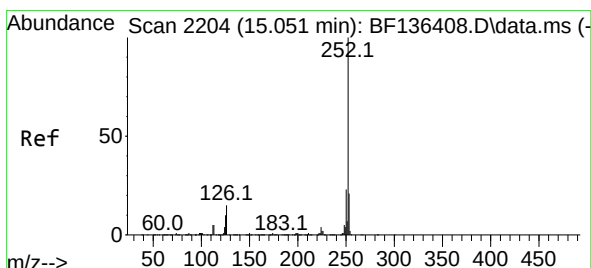
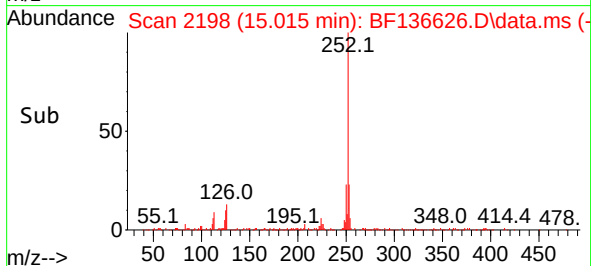
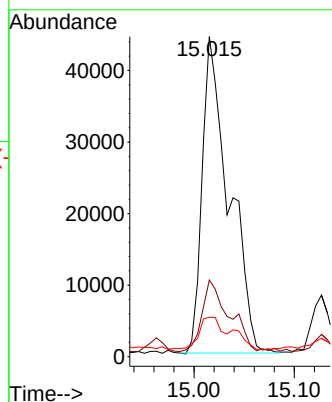
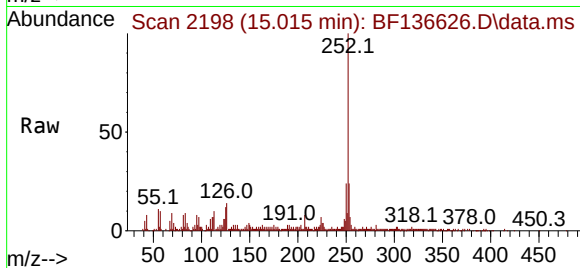
Tgt Ion:252 Resp: 82239

Ion Ratio Lower Upper

252 100

253 24.0 16.9 25.3

125 12.3 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 9.445 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

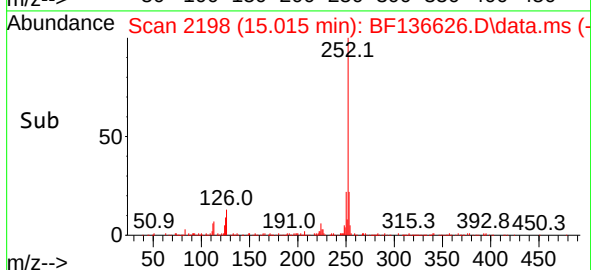
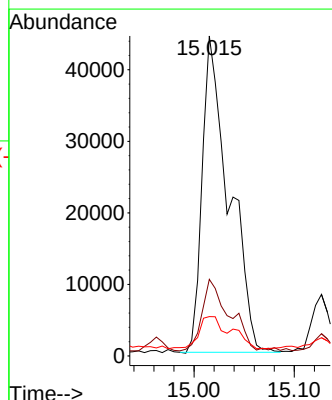
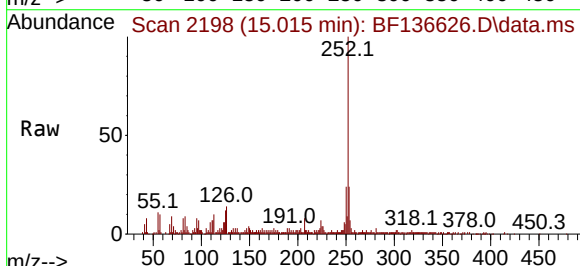
Tgt Ion:252 Resp: 82239

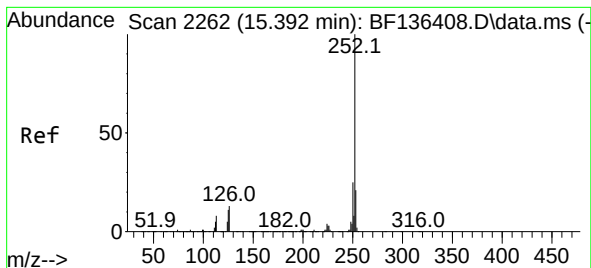
Ion Ratio Lower Upper

252 100

253 24.0 16.9 25.3

125 12.3 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 5.935 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5

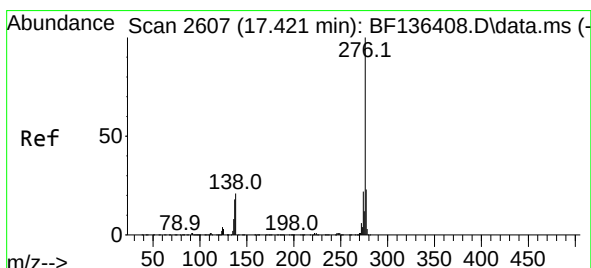
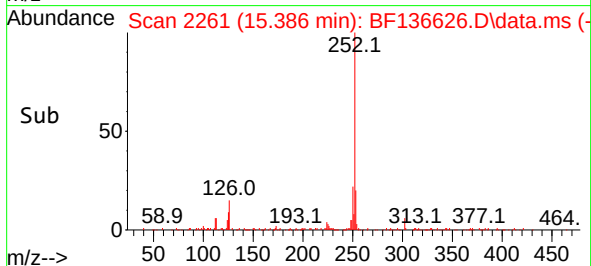
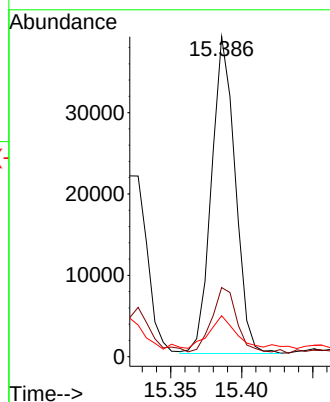
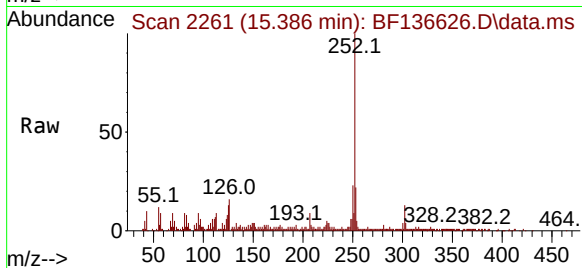
Tgt Ion:252 Resp: 45288

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 12.8 8.6 13.0



#92

Benzo(g,h,i)perylene

Concen: 2.811 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.024 min

Lab File: BF136626.D

Acq: 18 Dec 2023 21:17

Tgt Ion:276 Resp: 22189

Ion Ratio Lower Upper

276 100

277 25.1 18.7 28.1

138 21.3 16.6 25.0

