

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135610.D
 Acq On : 05 Oct 2023 20:47
 Operator : CG\JU
 Sample : 04714-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 06 03:47:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

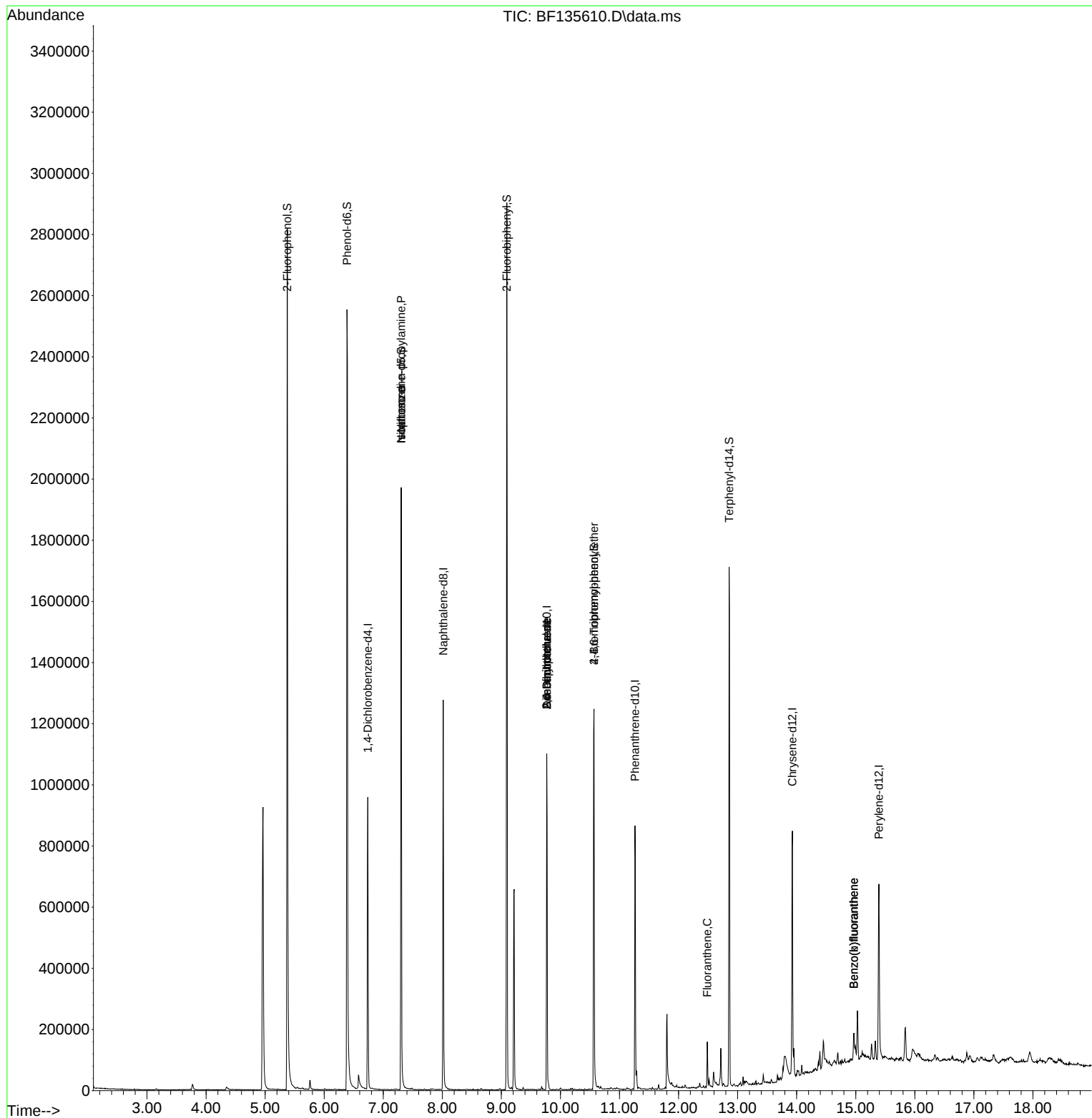
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	138461	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	508716	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	210781	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	319765	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	263248	20.000	ng	0.00
86) Perylene-d12	15.392	264	270159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	767465	90.151	ng	0.00
7) Phenol-d6	6.387	99	922706	85.239	ng	0.00
23) Nitrobenzene-d5	7.304	82	557216	59.509	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	150780	71.983	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	861105	61.636	ng	0.00
79) Terphenyl-d14	12.857	244	603987	35.567	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	72838	10.863	ng	# 80
25) Isophorone	7.304	82	557211	32.407	ng	# 65
50) Dimethylphthalate	9.769	163	38539	2.704	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	27010	8.652	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	27010	6.911	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	9703	3.051	ng	# 1
75) Fluoranthene	12.486	202	55997	3.553	ng	97
88) Benzo(b)fluoranthene	14.968	252	62254	4.257	ng	# 94
89) Benzo(k)fluoranthene	14.968	252	62254	4.309	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135610.D
Acq On : 05 Oct 2023 20:47
Operator : CG\JU
Sample : 04714-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Oct 06 03:47:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

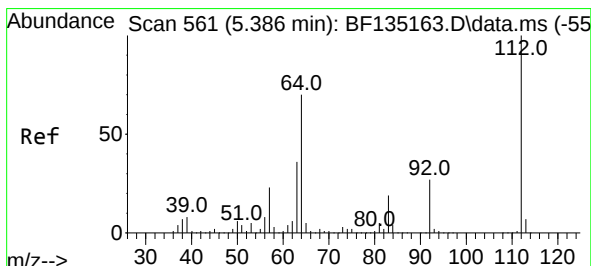
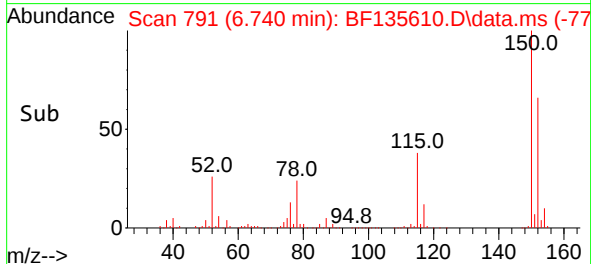
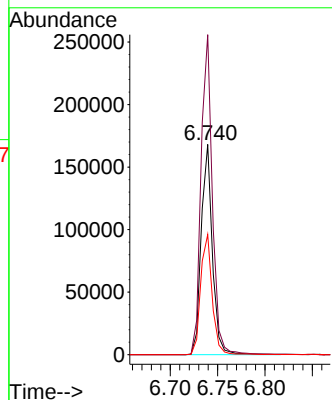
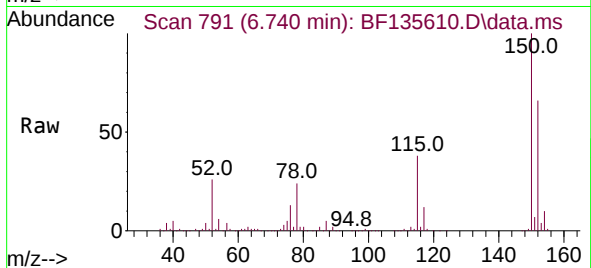




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

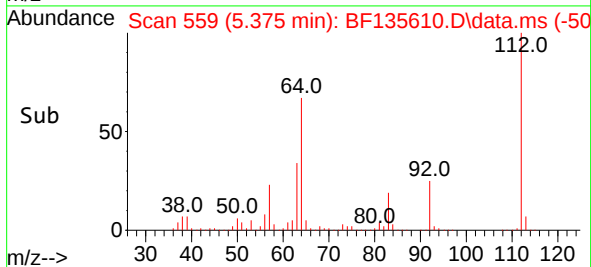
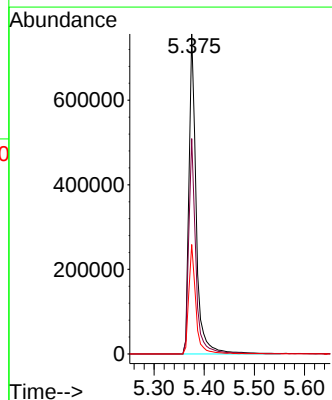
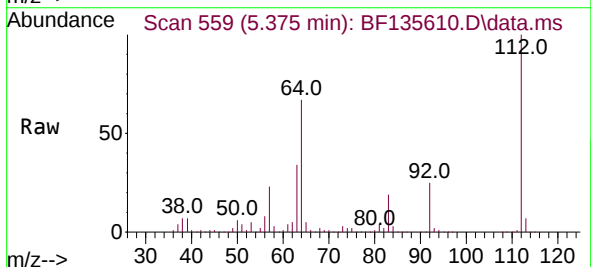
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 138461
Ion Ratio Lower Upper
152 100
150 152.2 127.8 191.6
115 57.1 49.8 74.8



#5
2-Fluorophenol
Concen: 90.151 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:112 Resp: 767465
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 34.2 29.0 43.6

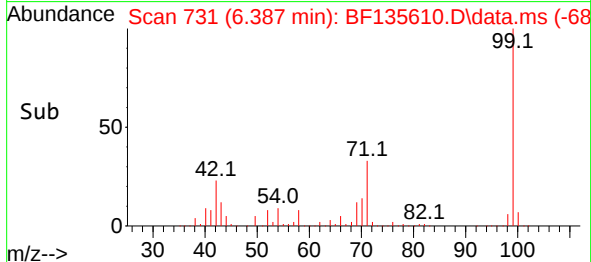
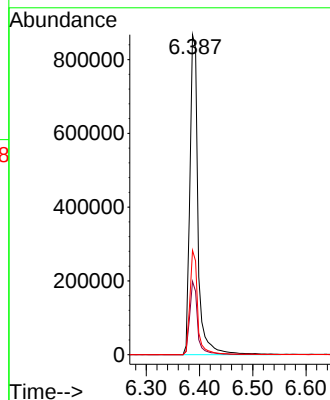
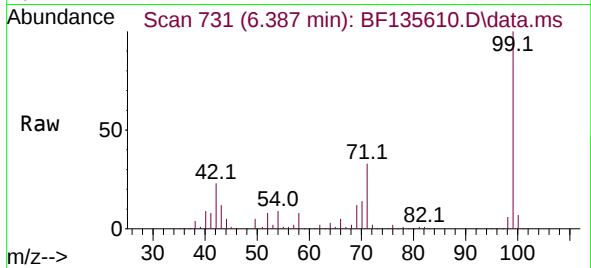




#7
Phenol-d6
Concen: 85.239 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

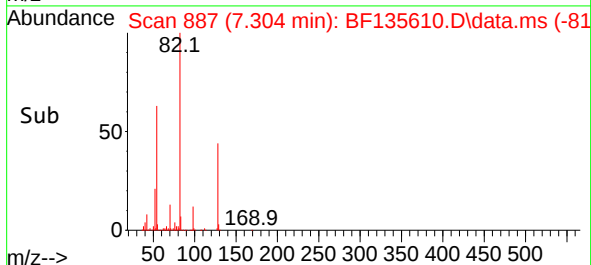
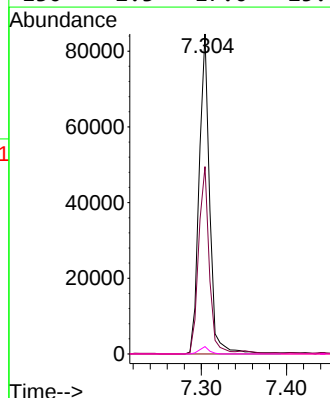
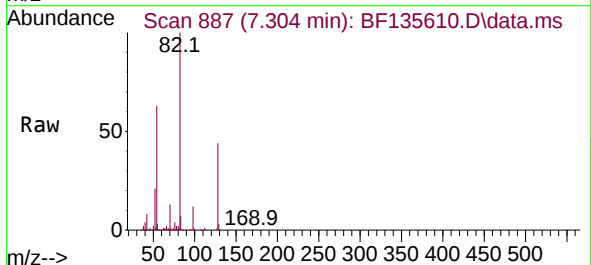
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 922706
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.863 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

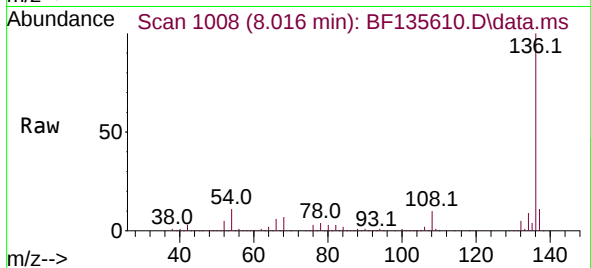
Tgt Ion: 70 Resp: 72838
Ion Ratio Lower Upper
70 100
42 58.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



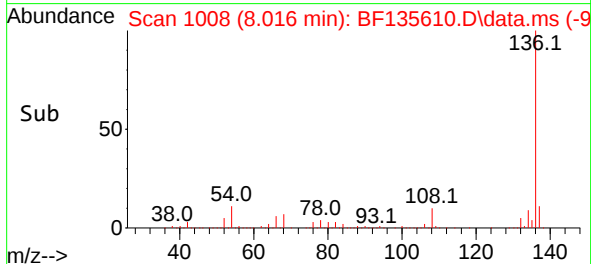
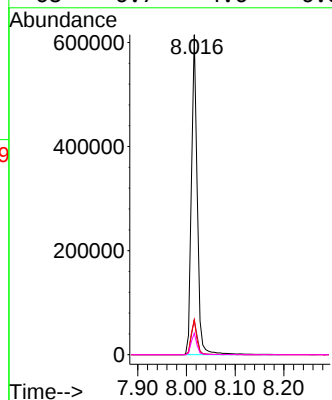


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Instrument :
BNA_F
ClientSampleId :
TP-1

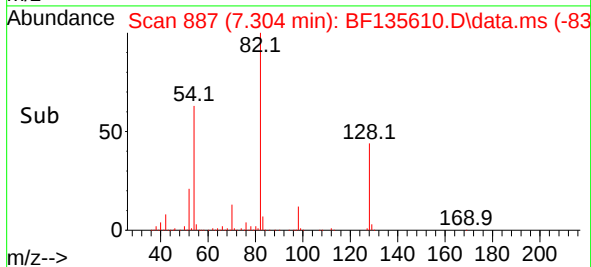
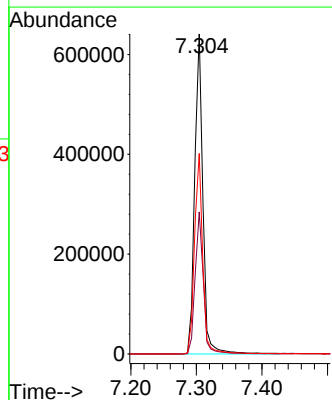
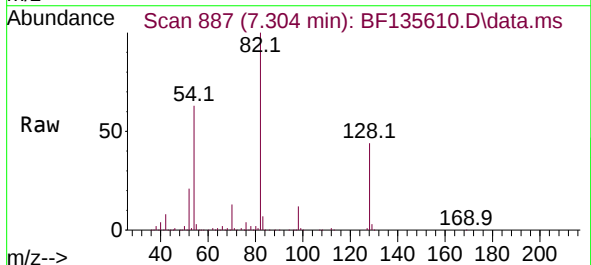


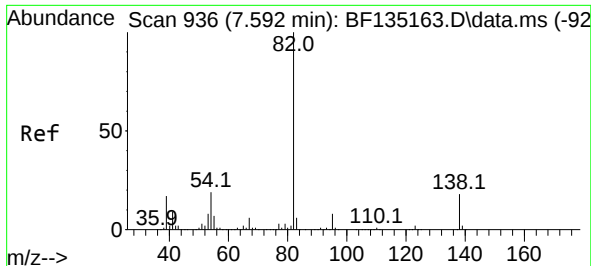
Tgt Ion:136 Resp: 508716
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 59.509 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion: 82 Resp: 557216
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 62.7 50.6 76.0

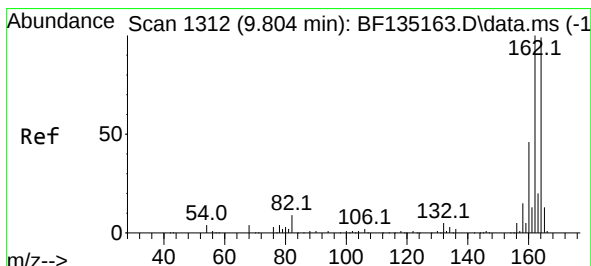
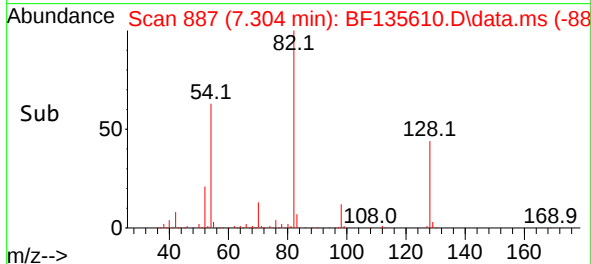
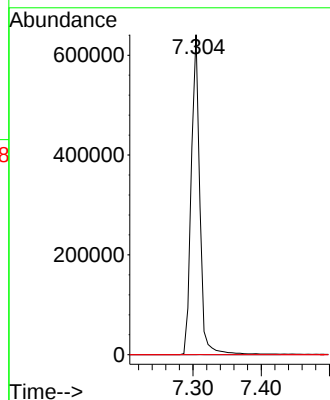
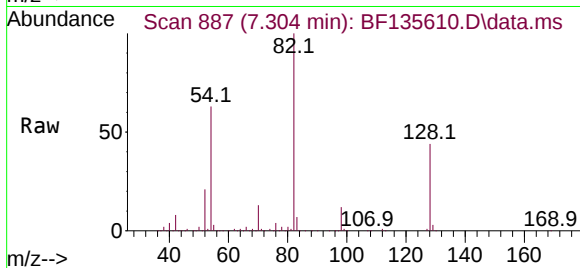




#25
Isophorone
Concen: 32.407 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

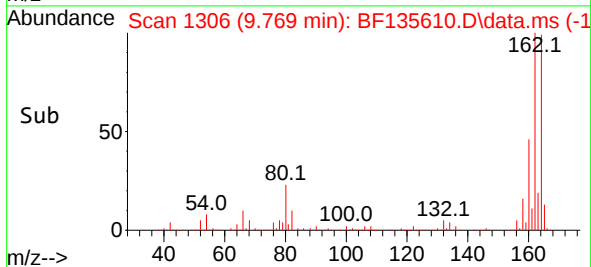
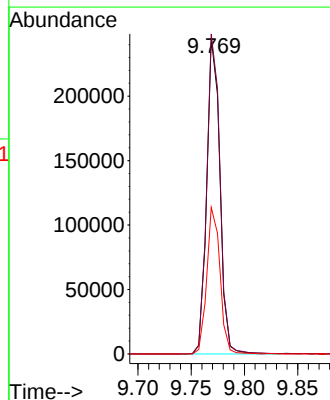
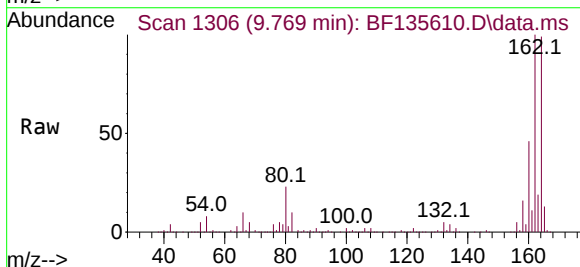
Instrument :
BNA_F
ClientSampleId :
TP-1

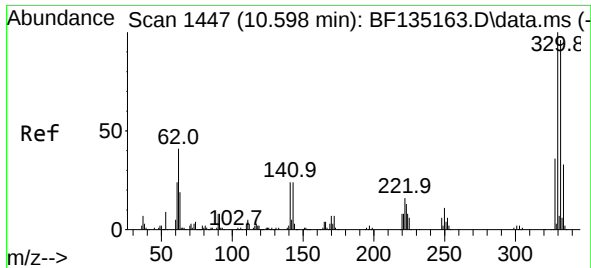
Tgt Ion: 82 Resp: 557211
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion: 164 Resp: 210781
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 71.983 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1

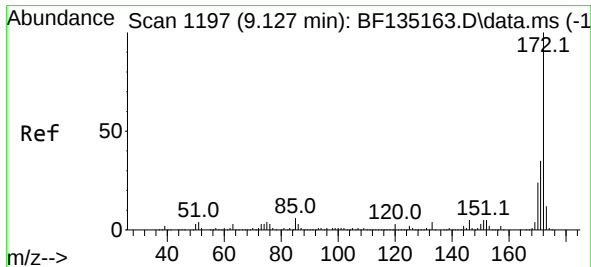
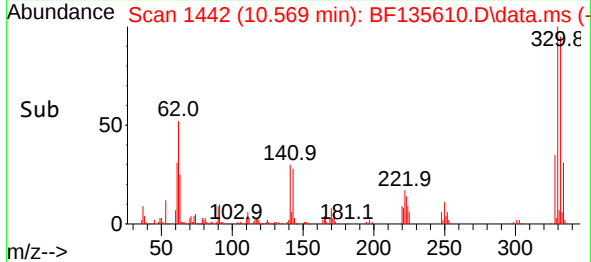
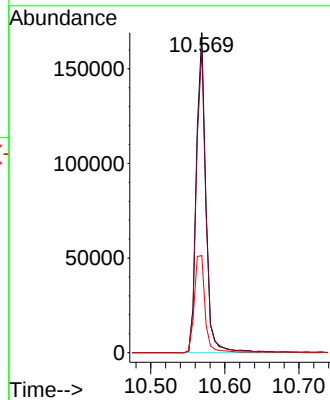
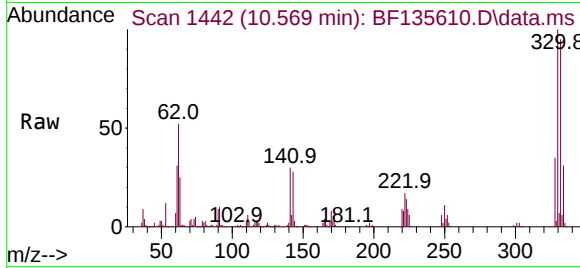
Tgt Ion:330 Resp: 150780

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 34.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 61.636 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

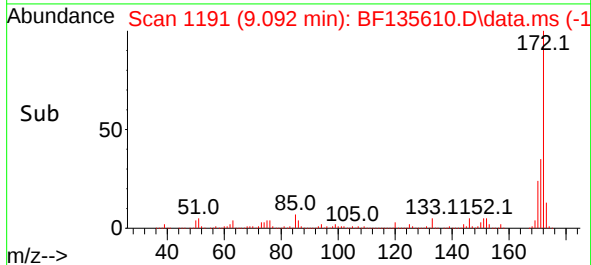
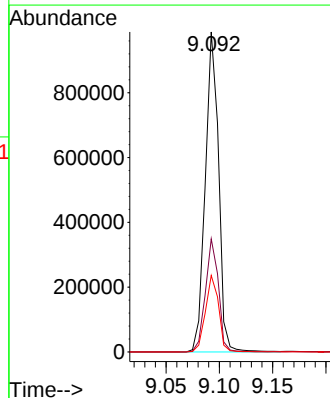
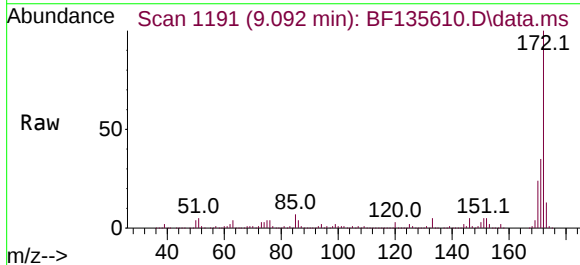
Tgt Ion:172 Resp: 861105

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.9 19.0 28.4

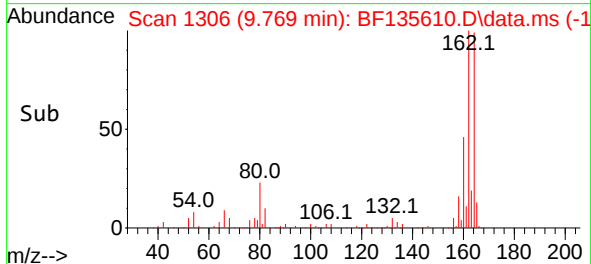
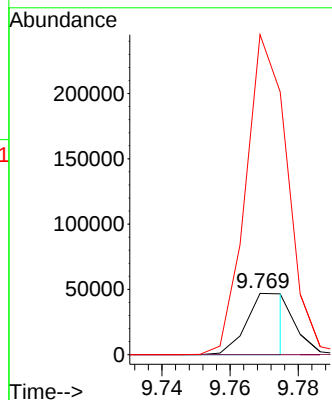
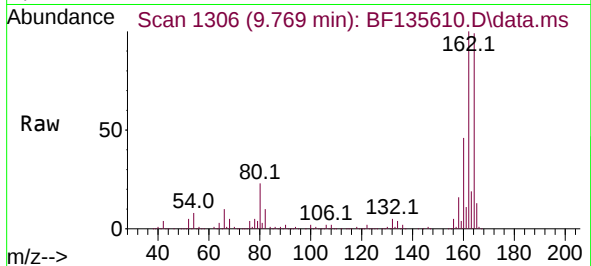




#50
Dimethylphthalate
Concen: 2.704 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.265 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

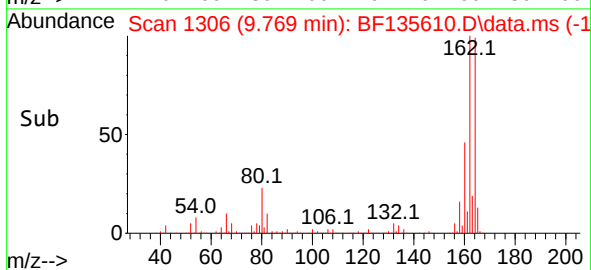
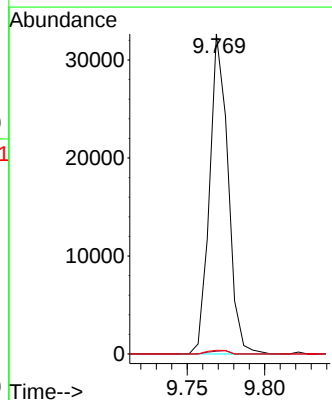
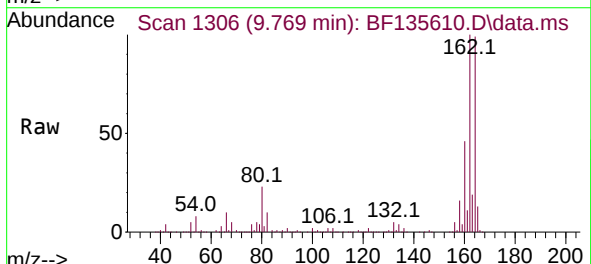
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 38539
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 521.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:165 Resp: 27010
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.1 49.8 74.8#

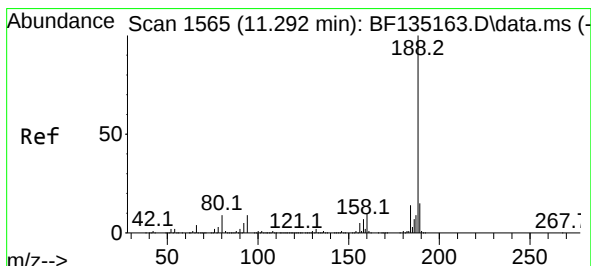
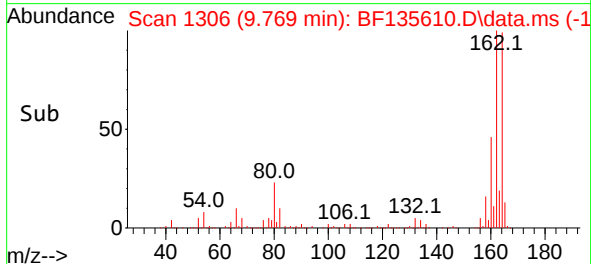
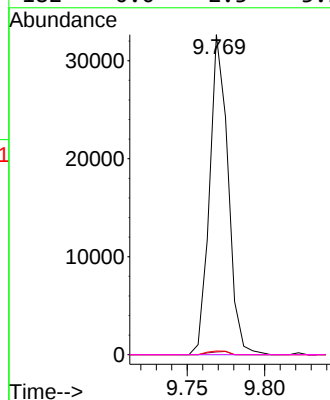
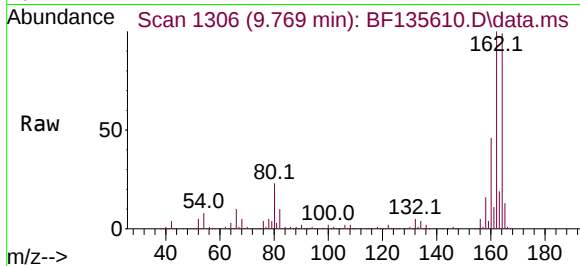




#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

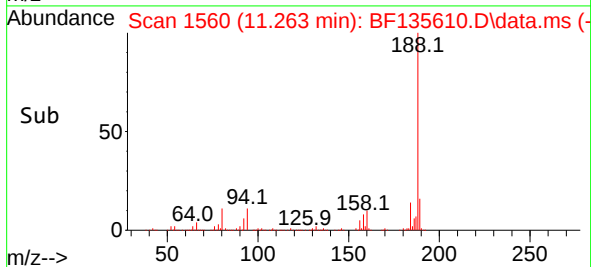
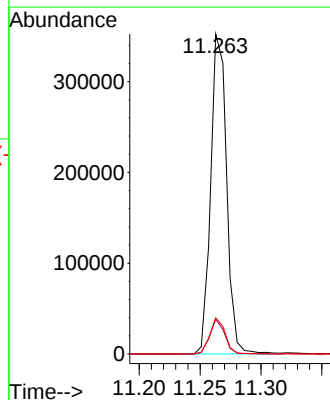
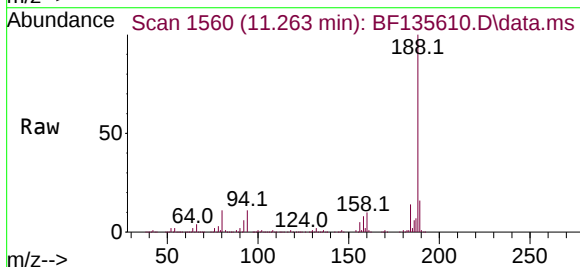
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 27010
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:188 Resp: 319765
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.3 7.5 11.3#

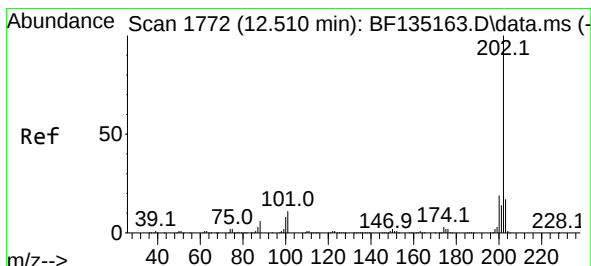
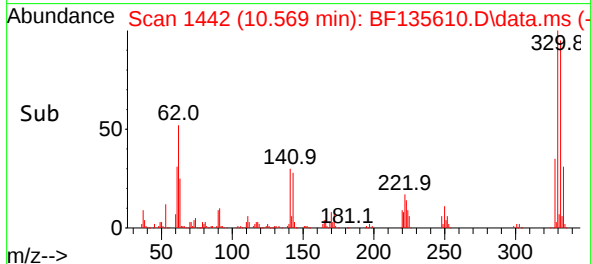
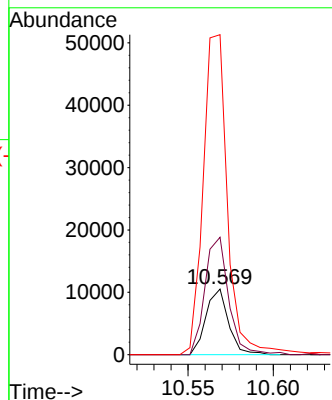
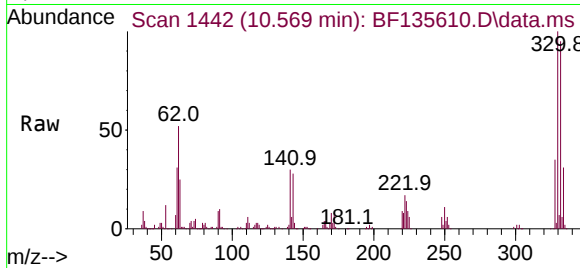




#67
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

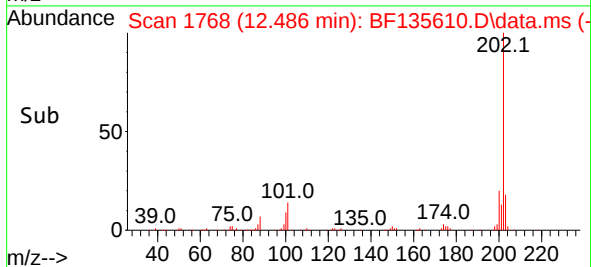
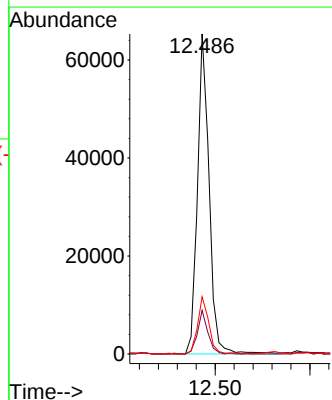
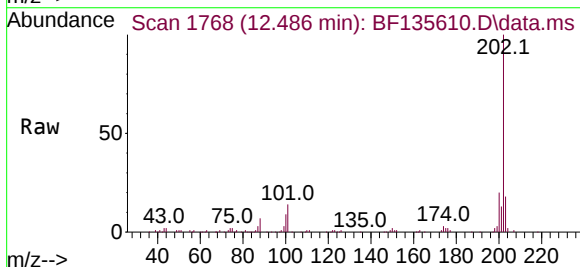
Instrument :
BNA_F
ClientSampleId :
TP-1

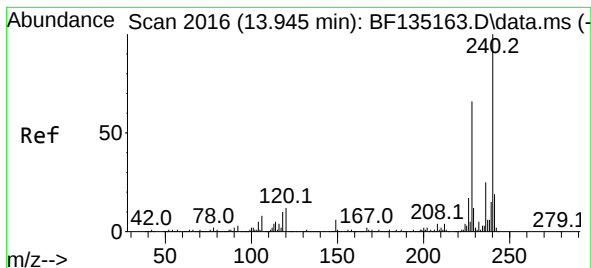
Tgt Ion:248 Resp: 9703
Ion Ratio Lower Upper
248 100
250 178.8 78.6 117.8#
141 487.3 54.2 81.2#



#75
Fluoranthene
Concen: 3.553 ng
RT: 12.486 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:202 Resp: 55997
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.3
203 17.8 0.0 37.4

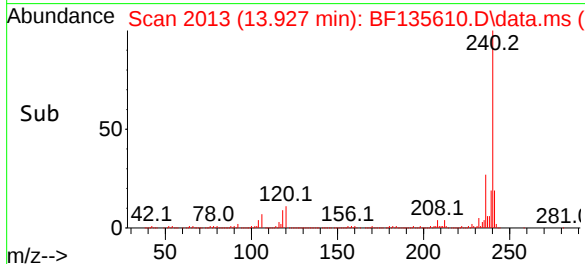
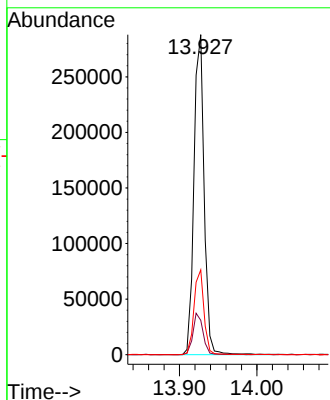
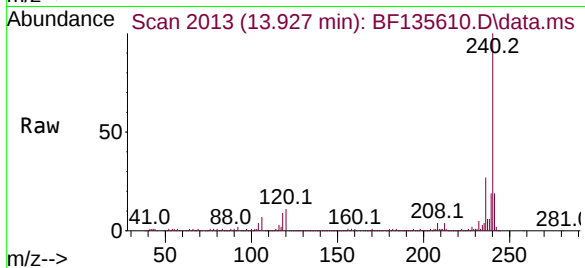




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

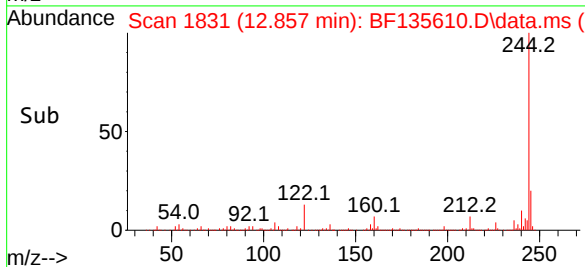
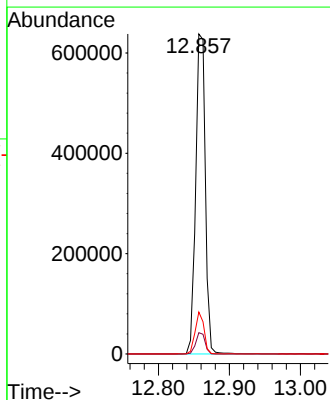
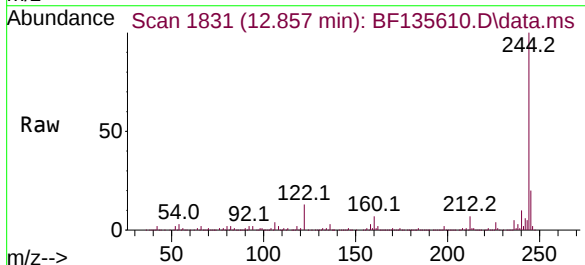
Instrument :
BNA_F
ClientSampleId :
TP-1

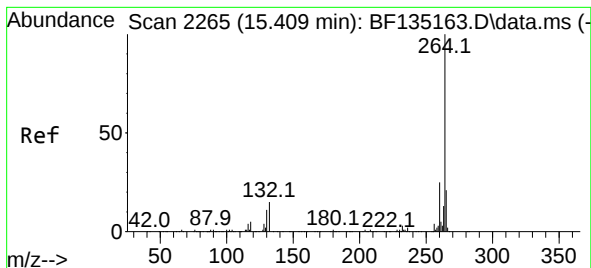
Tgt Ion:240 Resp: 263248
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.5 19.8 29.8



#79
Terphenyl-d14
Concen: 35.567 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF135610.D
Acq: 05 Oct 2023 20:47

Tgt Ion:244 Resp: 603987
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.1 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TP-1

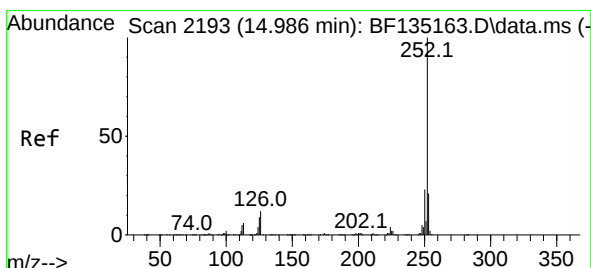
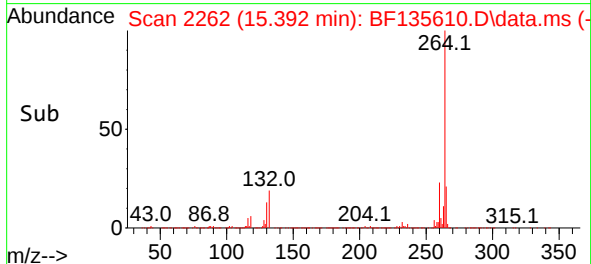
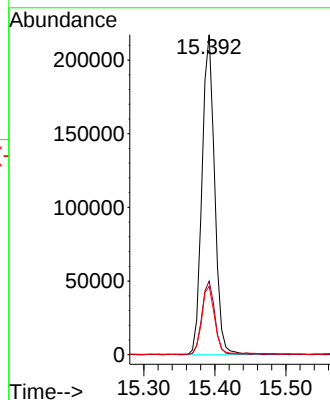
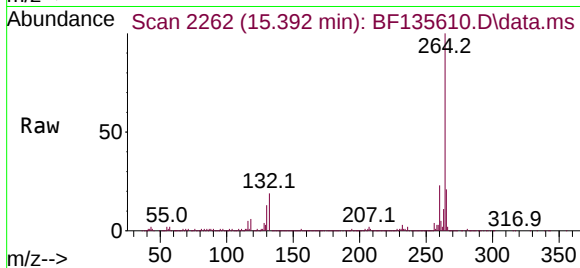
Tgt Ion:264 Resp: 270159

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.4 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 4.257 ng

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135610.D

Acq: 05 Oct 2023 20:47

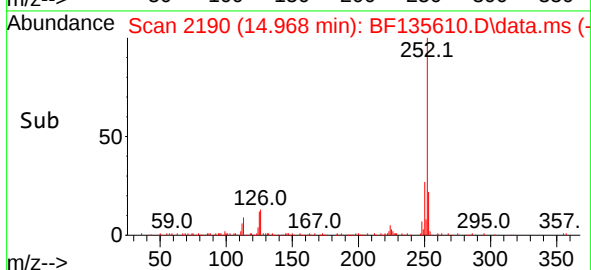
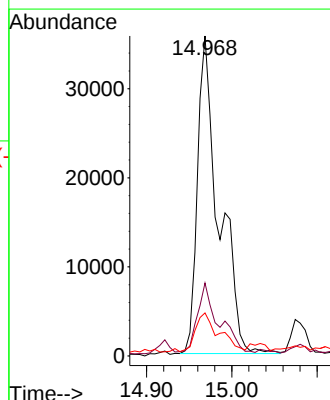
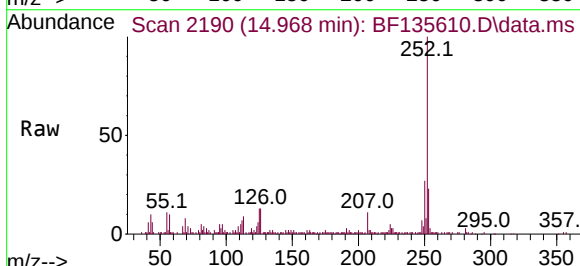
Tgt Ion:252 Resp: 62254

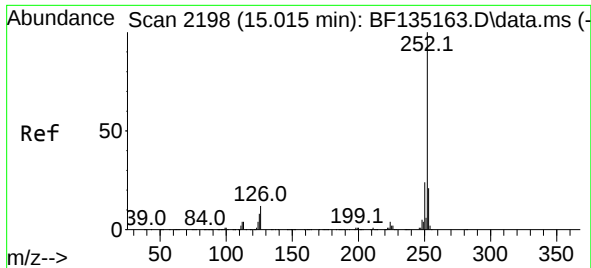
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 13.4 7.1 10.7#





#89
 Benzo(k)fluoranthene
 Concen: 4.309 ng
 RT: 14.968 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF135610.D
 Acq: 05 Oct 2023 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:252 Resp: 62254
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 13.4 7.2 10.8#

