

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134411.D
 Acq On : 21 Jul 2023 20:43
 Operator : CG\JU
 Sample : 03659-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 05:06:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

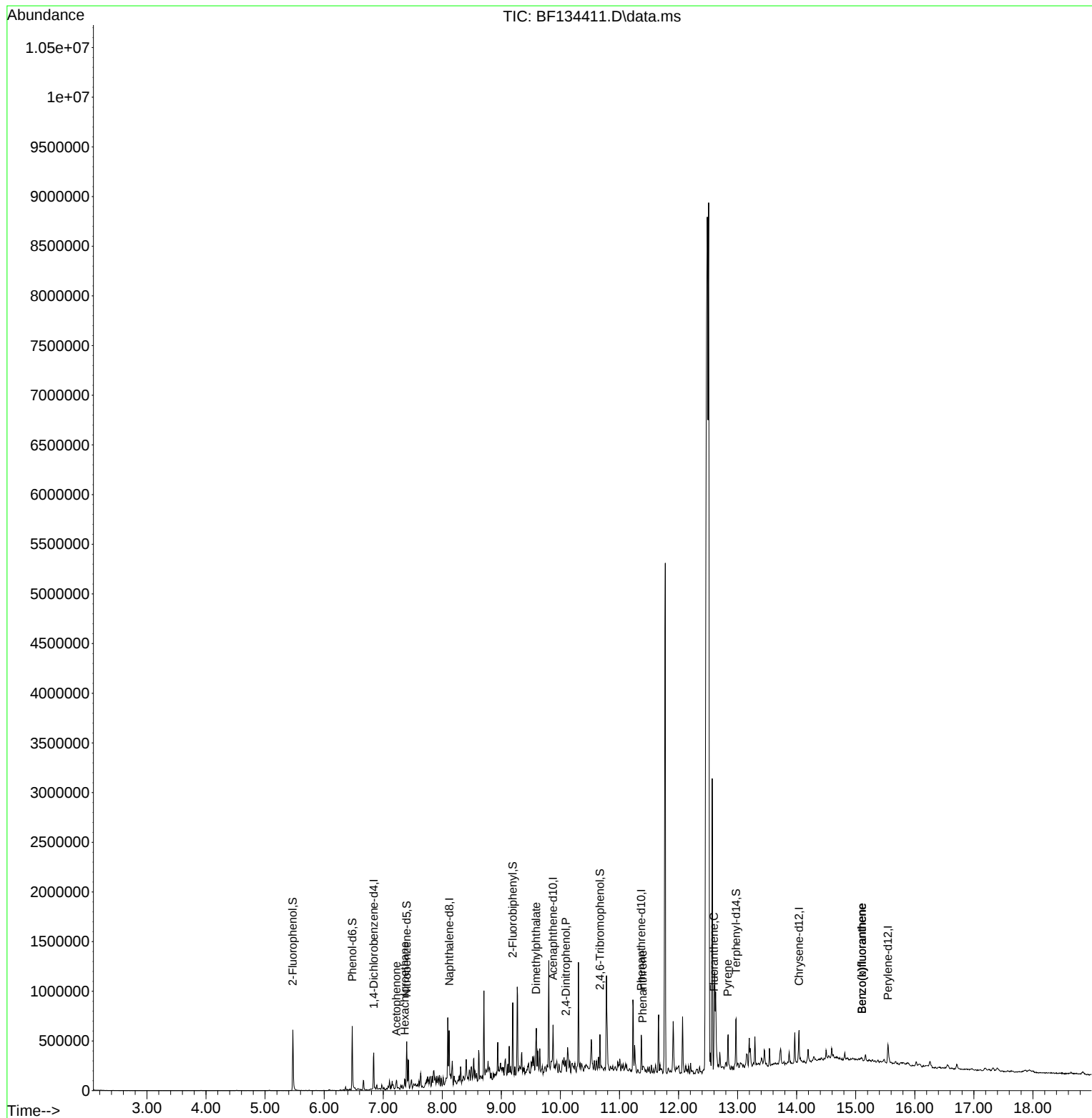
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	50509	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	184839	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	75900	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	131314	20.000	ng	0.00
76) Chrysene-d12	14.039	240	109823	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	81620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157507	52.164	ng	0.00
7) Phenol-d6	6.475	99	182334	49.102	ng	-0.01
23) Nitrobenzene-d5	7.398	82	118431	34.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	43766	45.990	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	187137	35.847	ng	-0.01
79) Terphenyl-d14	12.975	244	174815	25.619	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	457	Below Cal	#	1
18) Hexachloroethane	7.363	117	3913	3.197	ng	# 1
22) Acetophenone	7.222	105	12517	2.978	ng	# 48
50) Dimethylphthalate	9.586	163	22954	4.166	ng	# 93
54) 2,4-Dinitrophenol	10.092	184	130	4.044	ng	# 1
71) Phenanthrene	11.392	178	13869	2.098	ng	# 91
75) Fluoranthene	12.598	202	24531	3.433	ng	98
78) Pyrene	12.833	202	31742	3.106	ng	97
88) Benzo(b)fluoranthene	15.104	252	15551	3.240	ng	# 55
89) Benzo(k)fluoranthene	15.104	252	15551	3.182	ng	# 55

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
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Operator : CG\JU
Sample : 03659-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

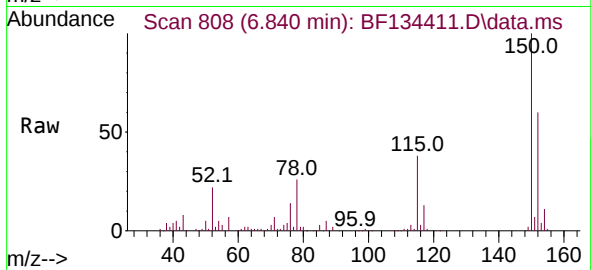
Quant Time: Jul 22 05:06:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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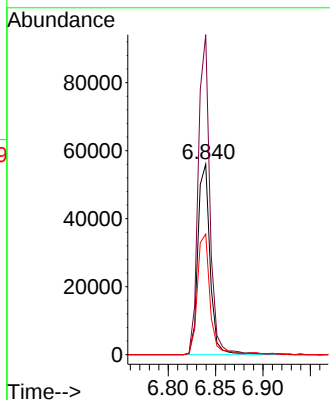
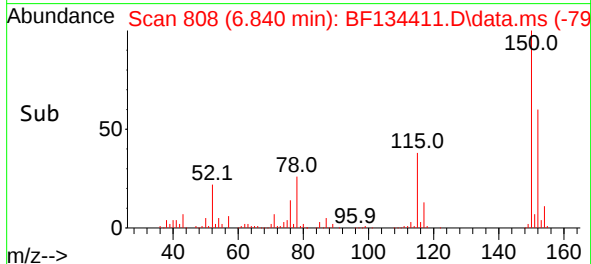


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :
BNA_F
ClientSampleId :

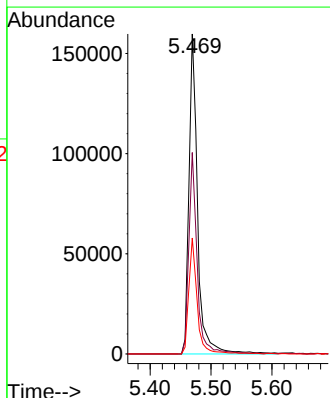
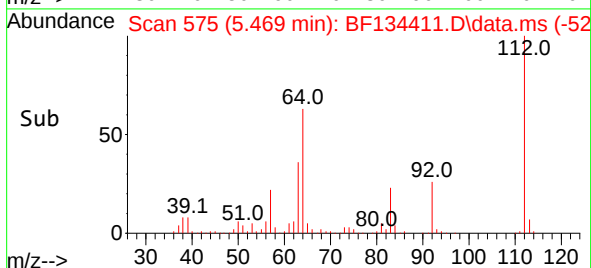
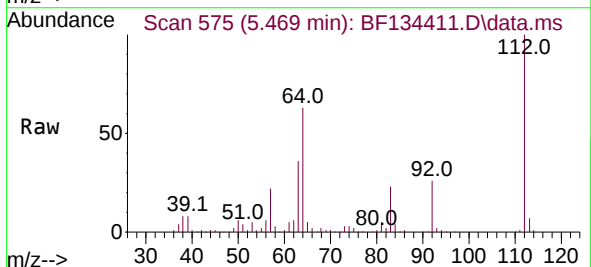


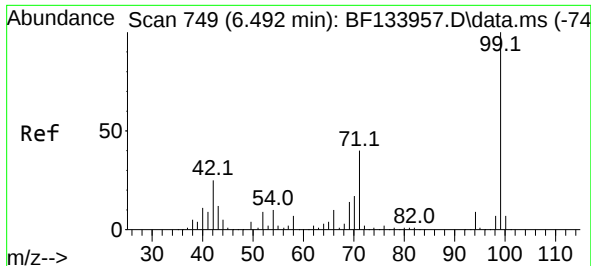
Tgt Ion:152 Resp: 50509
Ion Ratio Lower Upper
152 100
150 167.9 124.5 186.7
115 63.3 50.2 75.2



#5
2-Fluorophenol
Concen: 52.164 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

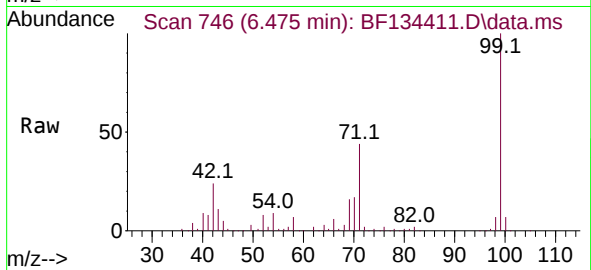
Tgt Ion:112 Resp: 157507
Ion Ratio Lower Upper
112 100
64 63.0 52.1 78.1
63 36.2 28.6 42.8



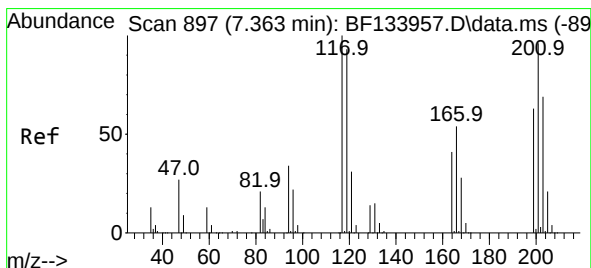
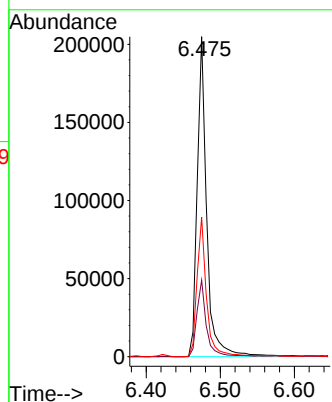
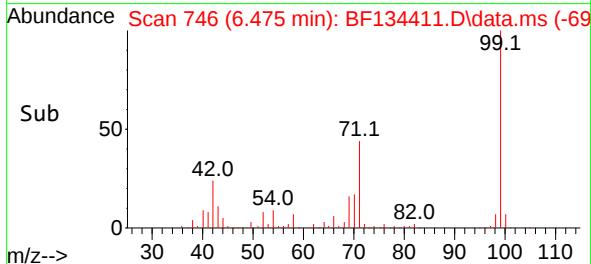


#7
Phenol-d6
Concen: 49.102 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :
BNA_F
ClientSampleId :

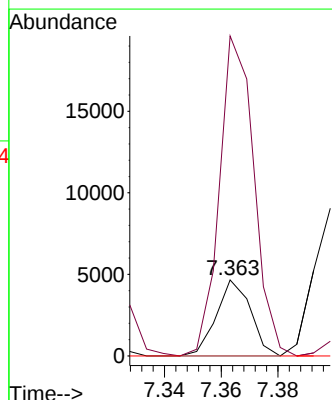
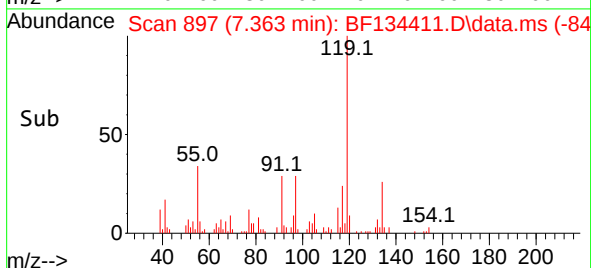
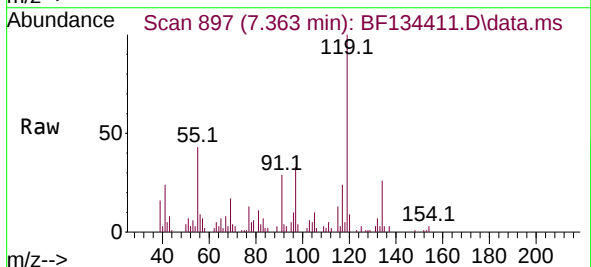


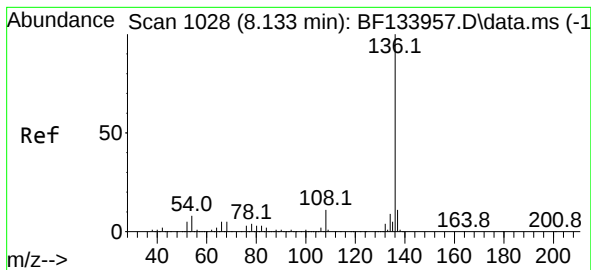
Tgt Ion: 99 Resp: 182334
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 43.6 31.9 47.9



#18
Hexachloroethane
Concen: 3.197 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion: 117 Resp: 3913
Ion Ratio Lower Upper
117 100
119 421.1 74.2 111.4#
201 0.0 77.2 115.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.006 min

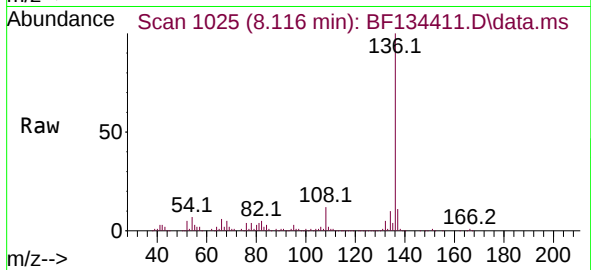
Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 184839

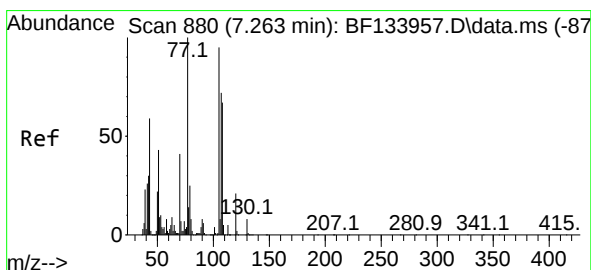
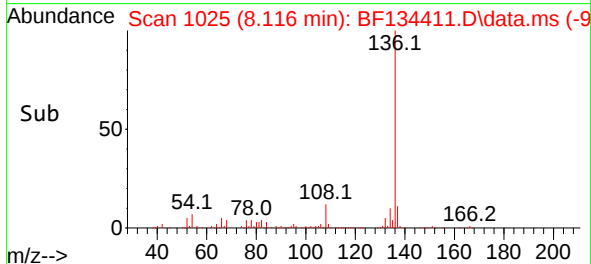
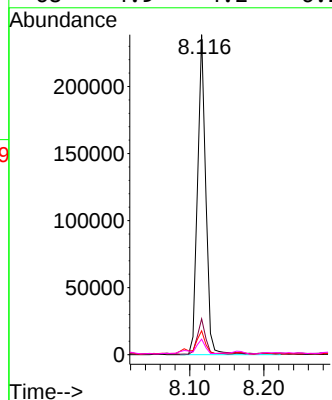
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.4 6.5 9.7

68 4.9 4.2 6.2



#22

Acetophenone

Concen: 2.978 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.035 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Tgt Ion:105 Resp: 12517

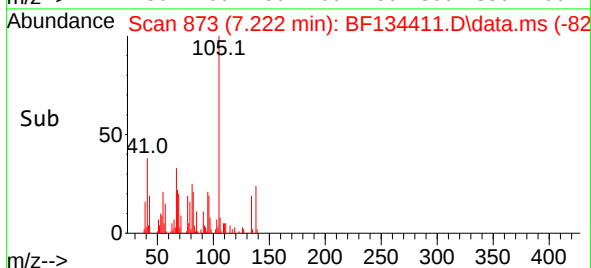
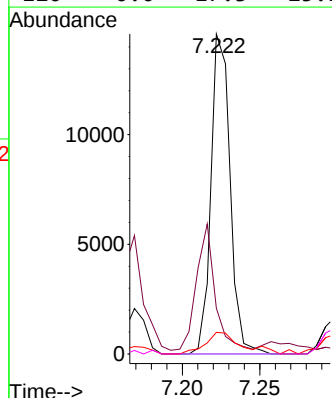
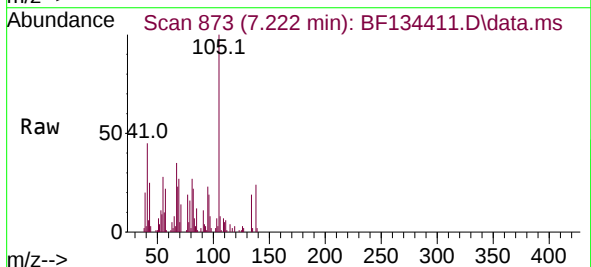
Ion Ratio Lower Upper

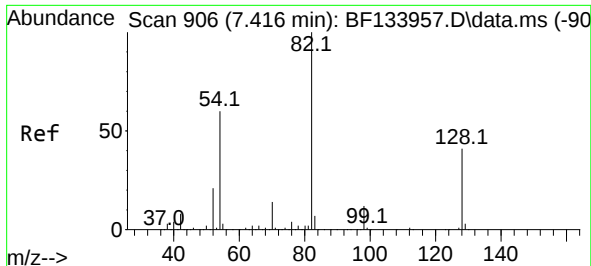
105 100

71 14.3 5.5 8.3#

51 6.8 36.5 54.7#

120 0.0 17.3 25.9#





#23

Nitrobenzene-d5

Concen: 34.539 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

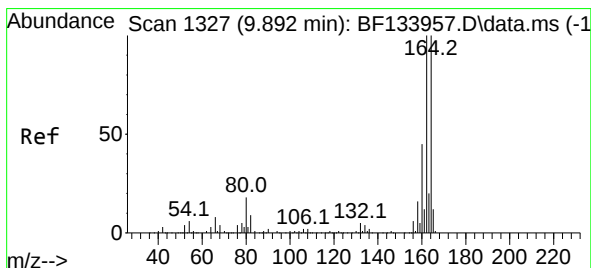
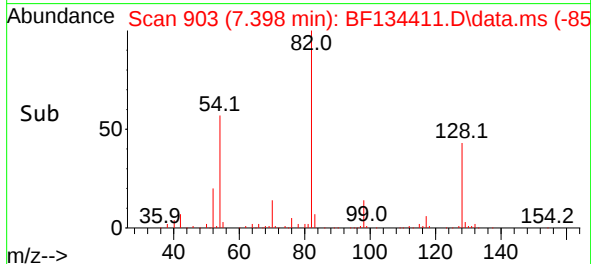
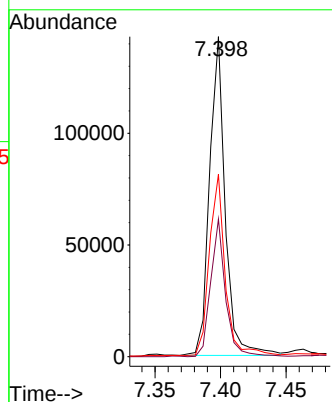
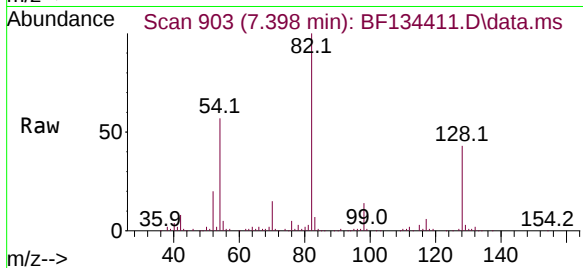
Tgt Ion: 82 Resp: 118431

Ion Ratio Lower Upper

82 100

128 43.0 32.5 48.7

54 57.0 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

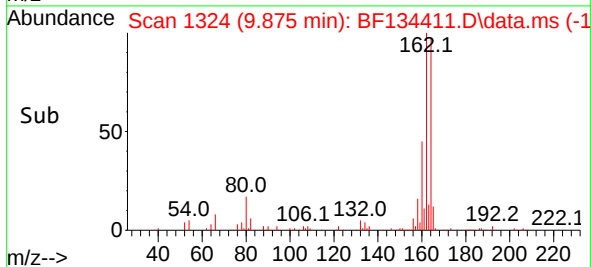
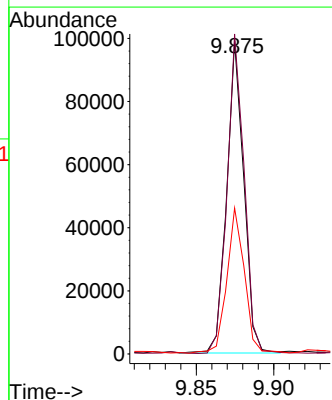
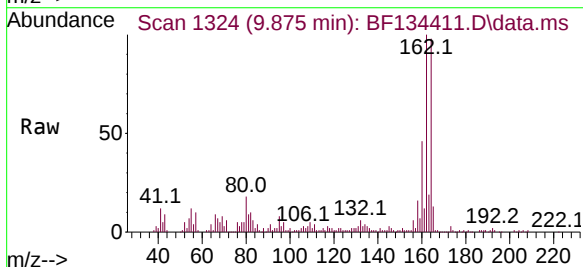
Tgt Ion:164 Resp: 75900

Ion Ratio Lower Upper

164 100

162 102.3 80.0 120.0

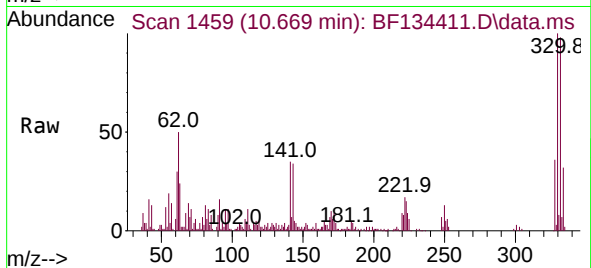
160 46.6 35.9 53.9



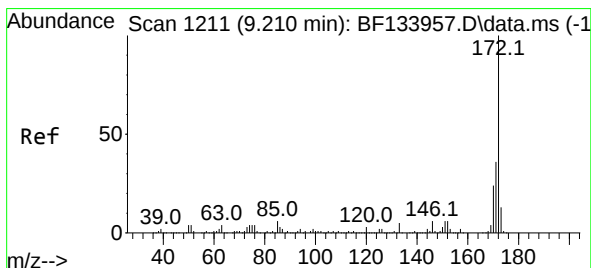
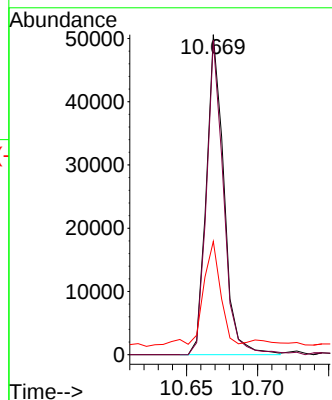
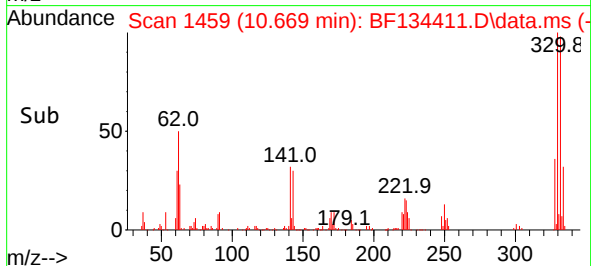


#42
2,4,6-Tribromophenol
Concen: 45.990 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

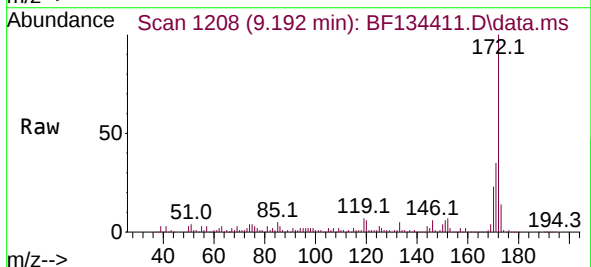
Instrument :
BNA_F
ClientSampleId :



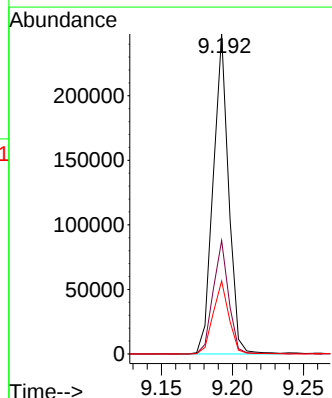
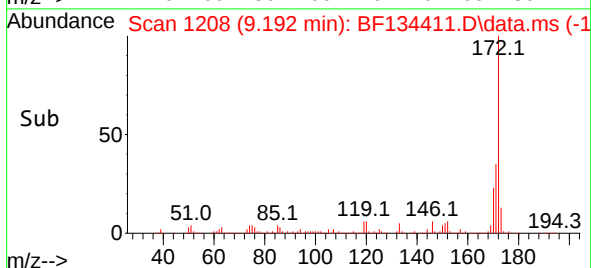
Tgt Ion: 330 Resp: 43766
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.4 26.3 39.5

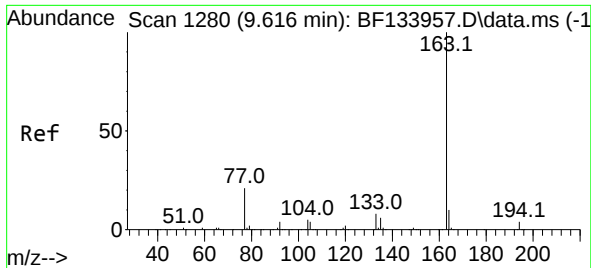


#45
2-Fluorobiphenyl
Concen: 35.847 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43



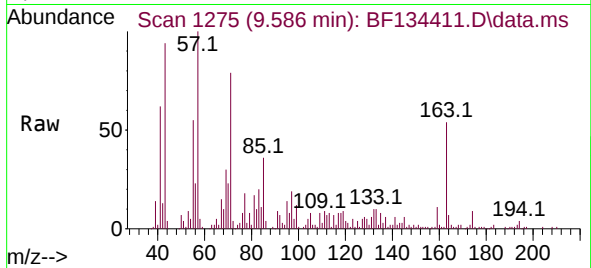
Tgt Ion: 172 Resp: 187137
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.8 19.4 29.0



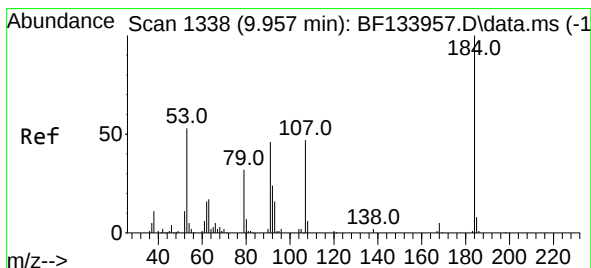
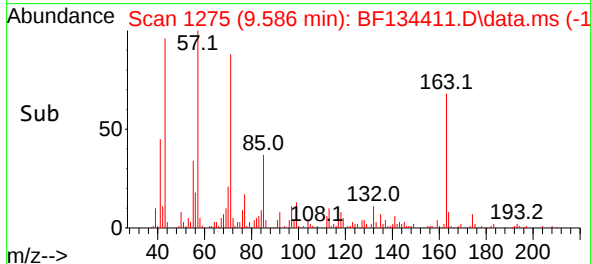
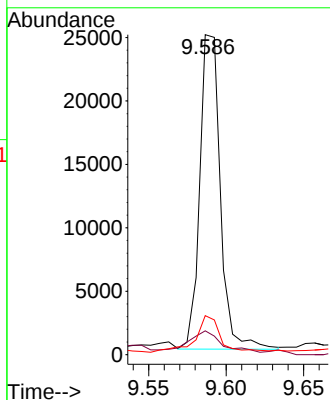


#50
Dimethylphthalate
Concen: 4.166 ng
RT: 9.586 min Scan# 1361
Delta R.T. -0.017 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Instrument :
BNA_F
ClientSampleId :

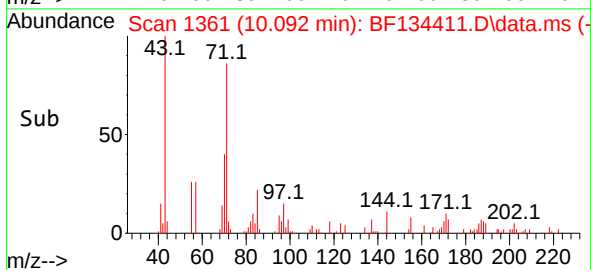
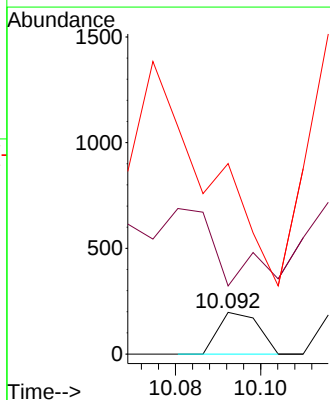
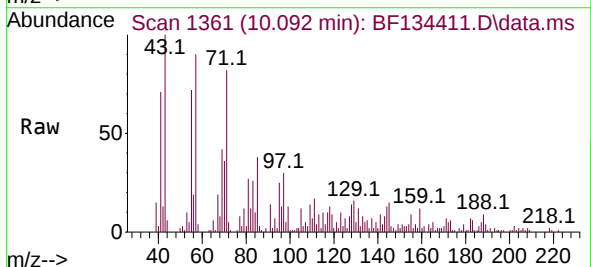


Tgt Ion:163 Resp: 22954
Ion Ratio Lower Upper
163 100
194 7.5 3.0 4.6#
164 12.2 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.044 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.135 min
Lab File: BF134411.D
Acq: 21 Jul 2023 20:43

Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 163.5 56.9 85.3#
154 457.4 55.4 83.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

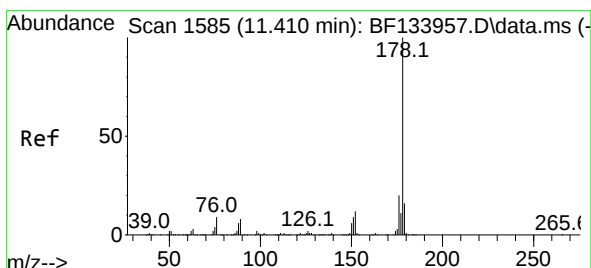
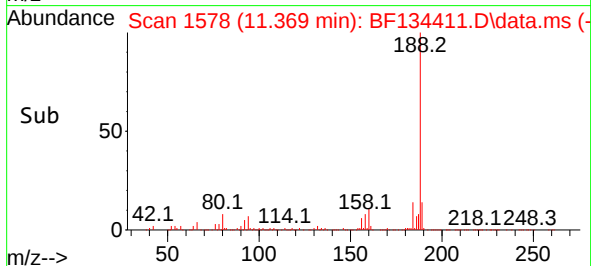
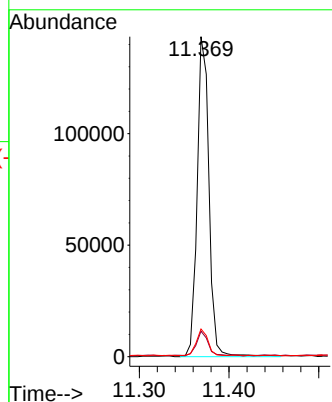
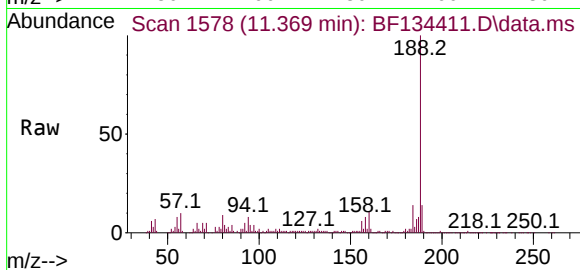
Tgt Ion:188 Resp: 131314

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.7 7.3 10.9



#71

Phenanthrene

Concen: 2.098 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

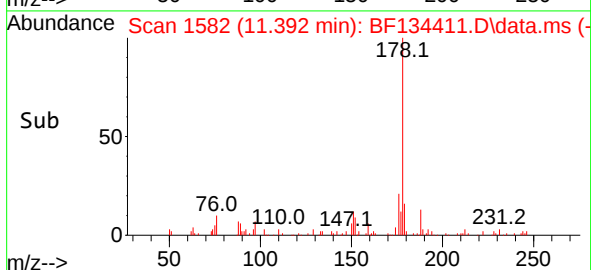
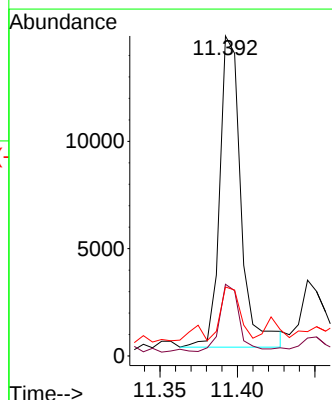
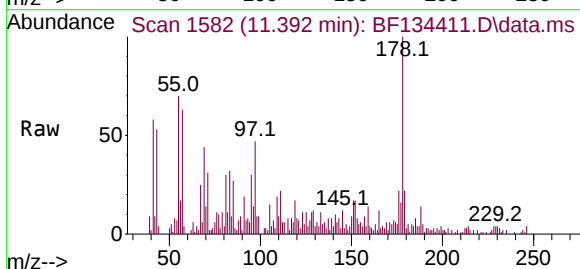
Tgt Ion:178 Resp: 13869

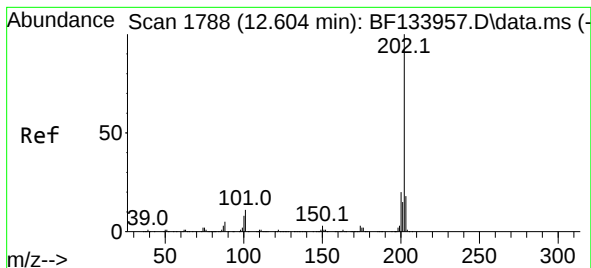
Ion Ratio Lower Upper

178 100

176 22.4 16.0 24.0

179 21.5 12.4 18.6#





#75

Fluoranthene

Concen: 3.433 ng

RT: 12.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134411.D

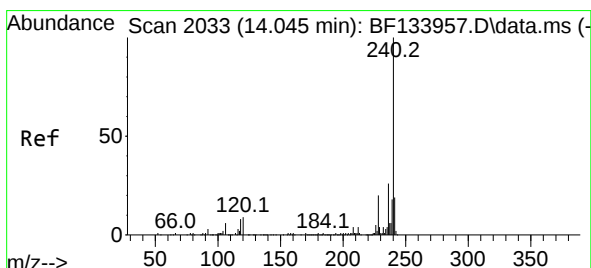
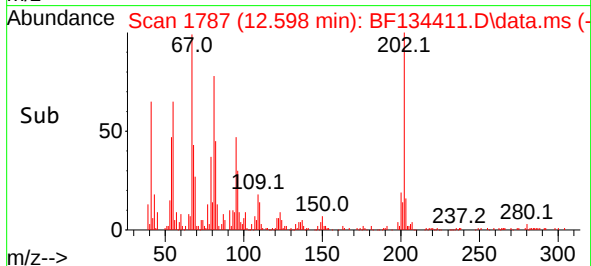
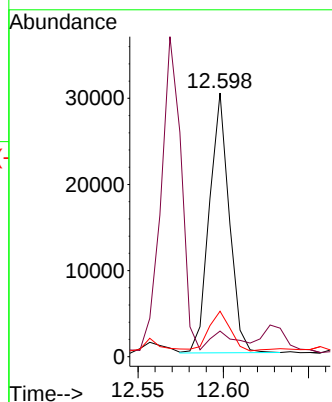
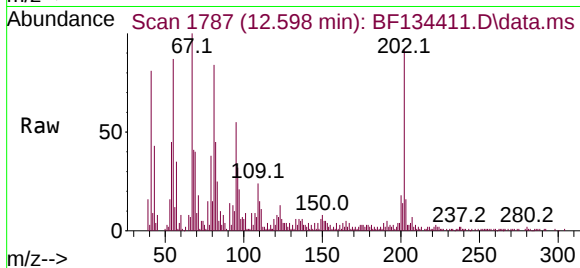
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:202	Resp:	24531
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 31.0
203	17.2	0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

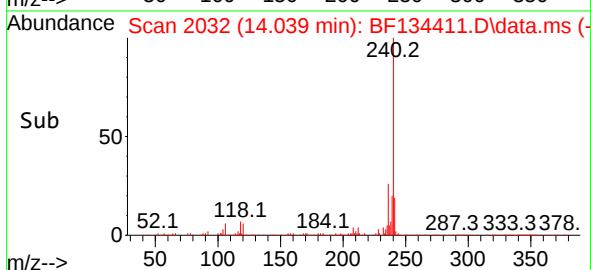
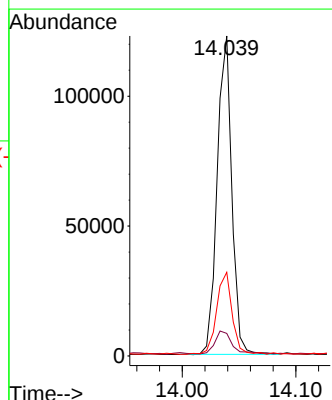
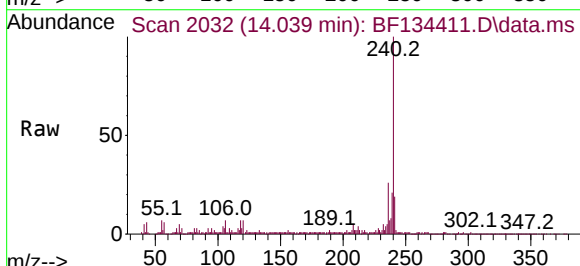
RT: 14.039 min Scan# 2032

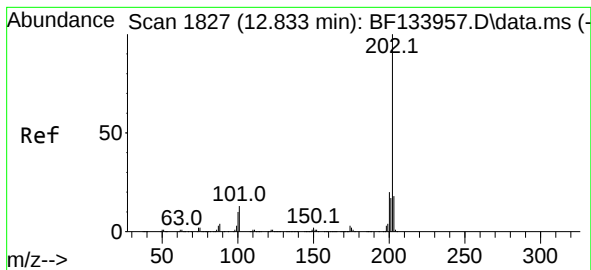
Delta R.T. 0.000 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Tgt Ion:240	Resp:	109823
Ion Ratio	Lower	Upper
240	100	
120	7.0	7.4 11.0#
236	26.1	21.0 31.6





#78

Pyrene

Concen: 3.106 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134411.D

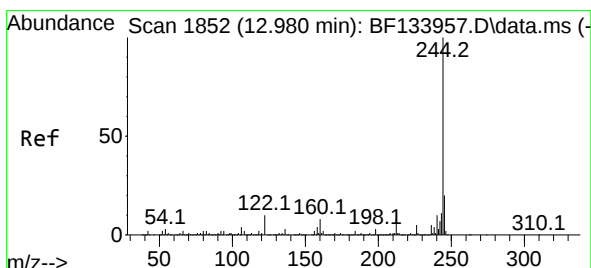
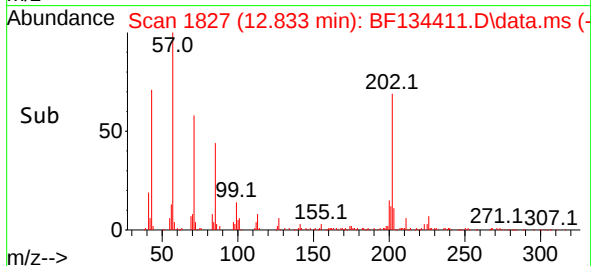
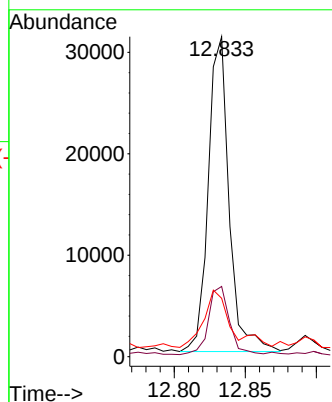
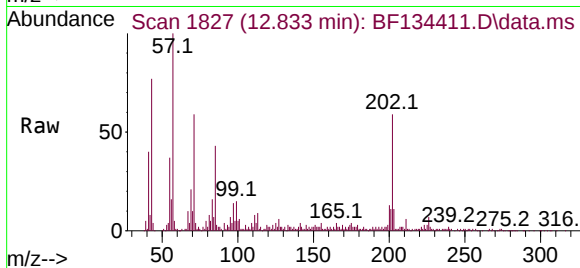
Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	202	Resp:	31742
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.1	24.1
203	18.3	14.3	21.5



#79

Terphenyl-d14

Concen: 25.619 ng

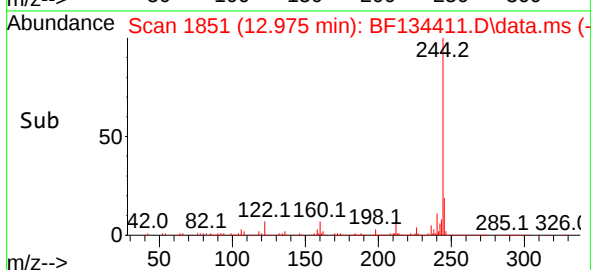
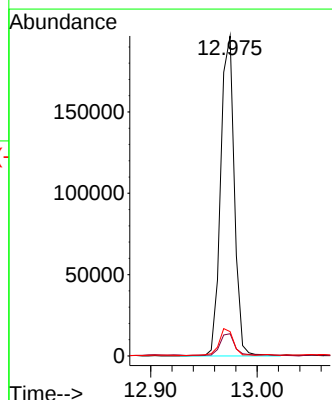
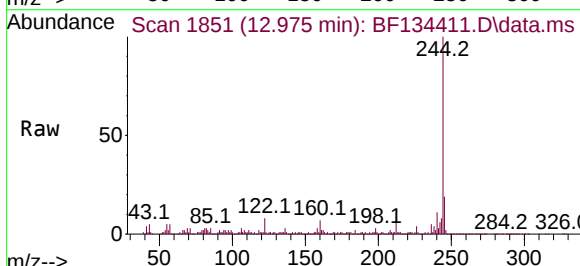
RT: 12.975 min Scan# 1851

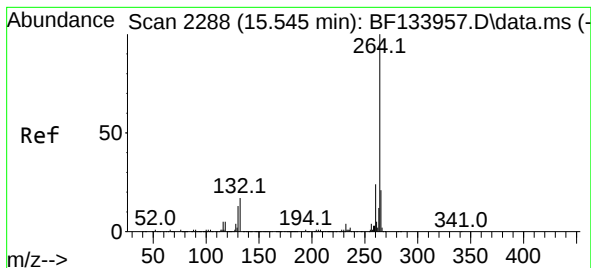
Delta R.T. 0.000 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Tgt Ion:	244	Resp:	174815
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	7.6	8.3	12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :

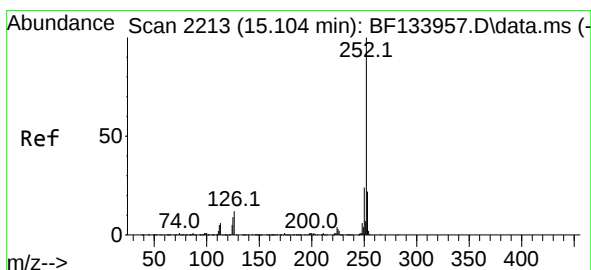
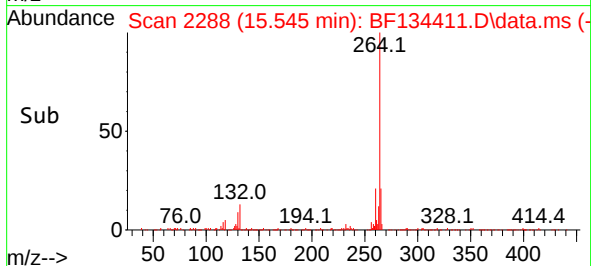
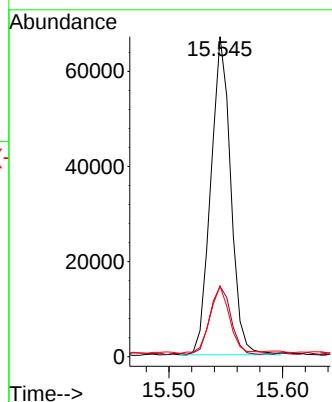
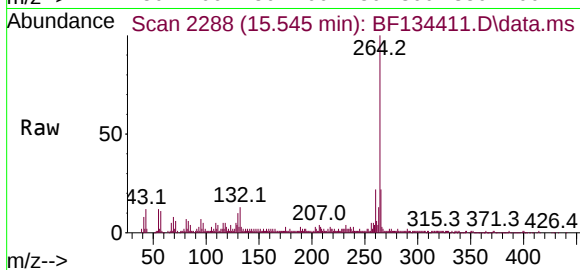
Tgt Ion:264 Resp: 81620

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 22.0 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 3.240 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

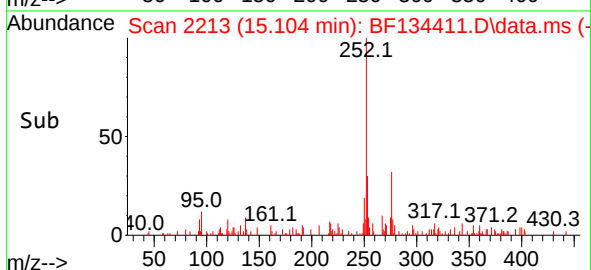
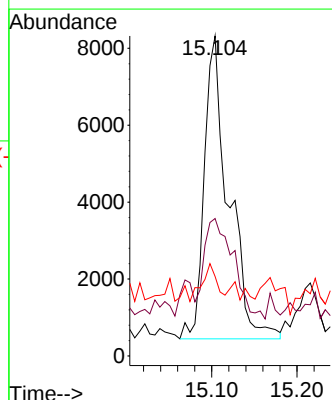
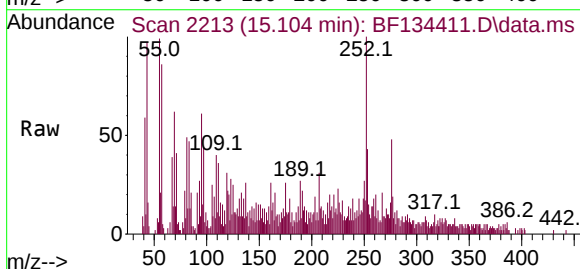
Tgt Ion:252 Resp: 15551

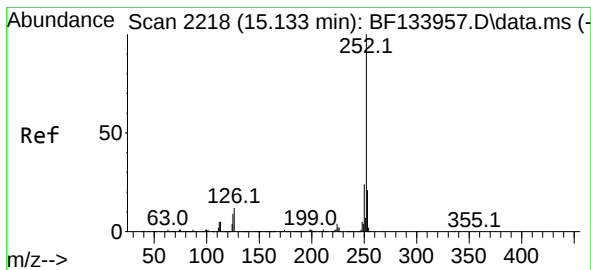
Ion Ratio Lower Upper

252 100

253 43.0 17.4 26.0#

125 24.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 3.182 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.029 min

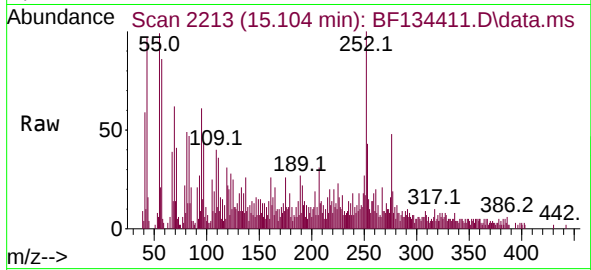
Lab File: BF134411.D

Acq: 21 Jul 2023 20:43

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 15551

Ion Ratio Lower Upper

252 100

253 43.0 16.9 25.3#

125 24.8 7.4 11.2#

