

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134412.D
 Acq On : 21 Jul 2023 21:18
 Operator : CG\JU
 Sample : 03659-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 05:06:39 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)

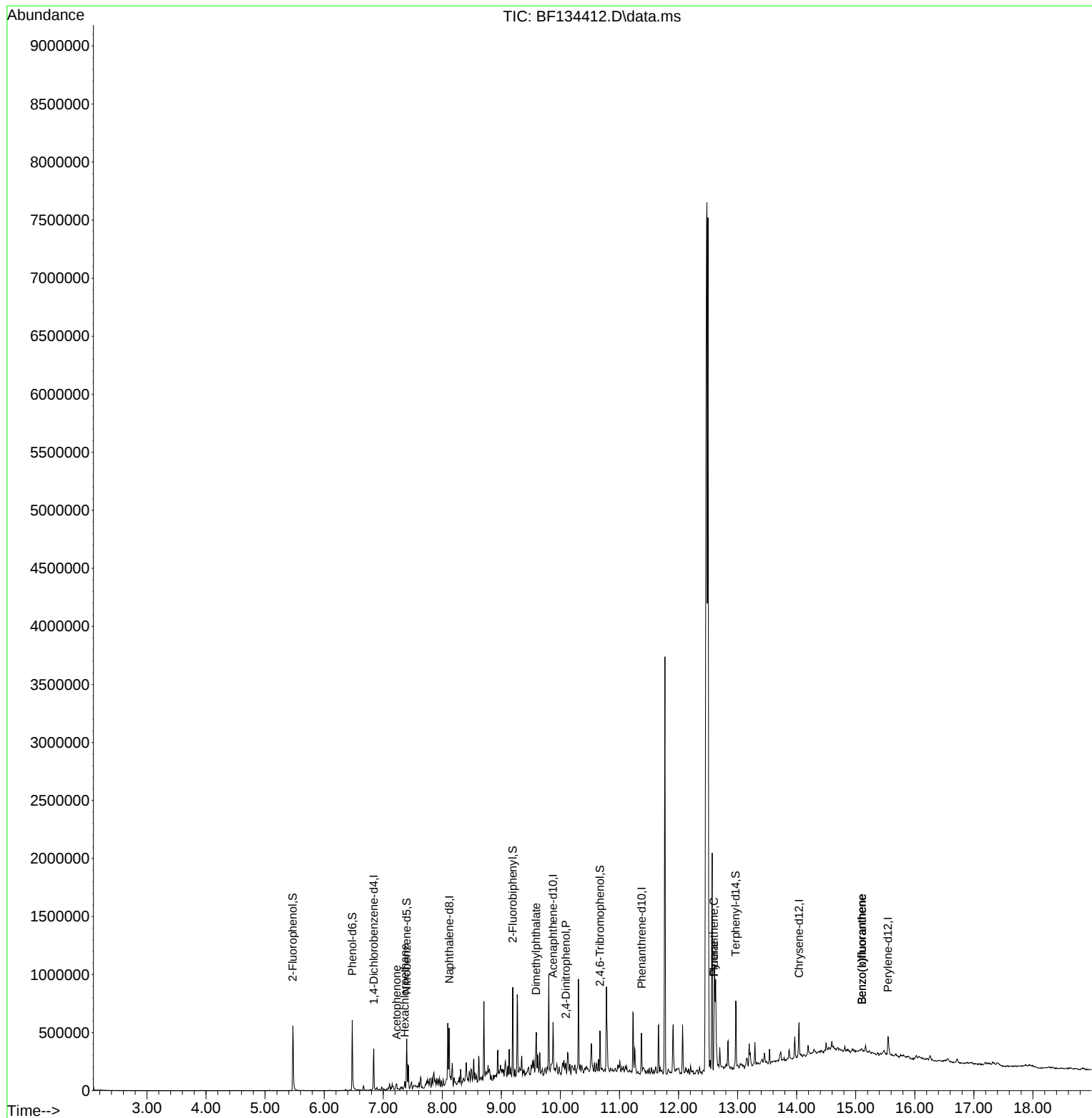
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	48379	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169751	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	73563	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	131785	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	103247	20.000	ng	0.00
86) Perylene-d12	15.545	264	75607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	151844	52.502	ng	0.00
7) Phenol-d6	6.475	99	171290	48.159	ng	-0.01
23) Nitrobenzene-d5	7.398	82	109797	34.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	42882	46.493	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	194701	38.481	ng	-0.01
79) Terphenyl-d14	12.969	244	200095	31.191	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.393	77	80	Below Cal	#	1
18) Hexachloroethane	7.363	117	2692	2.296 ng	#	1
22) Acetophenone	7.228	105	7733	2.003 ng	#	52
50) Dimethylphthalate	9.587	163	21686	4.061 ng	#	98
54) 2,4-Dinitrophenol	10.092	184	133	4.054 ng	#	1
75) Fluoranthene	12.598	202	23005	3.207 ng		99
78) Pyrene	12.598	202	23005	2.394 ng		97
88) Benzo(b)fluoranthene	15.104	252	13152	2.958 ng	#	39
89) Benzo(k)fluoranthene	15.104	252	13152	2.906 ng	#	38

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

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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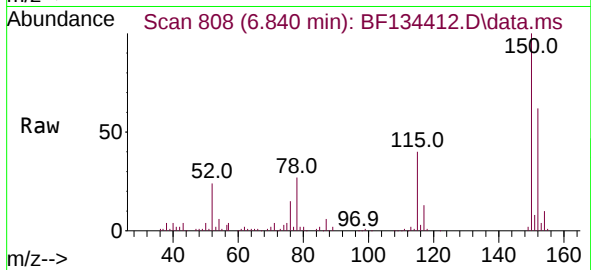
Quant Time: Jul 22 05:06:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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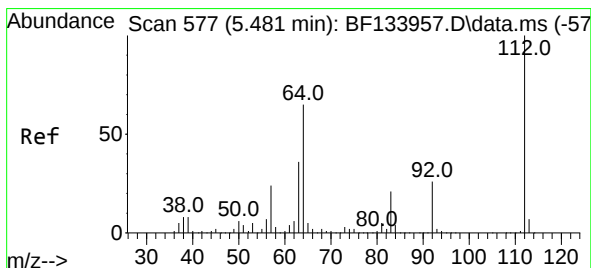
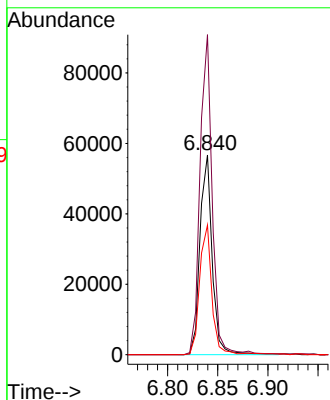
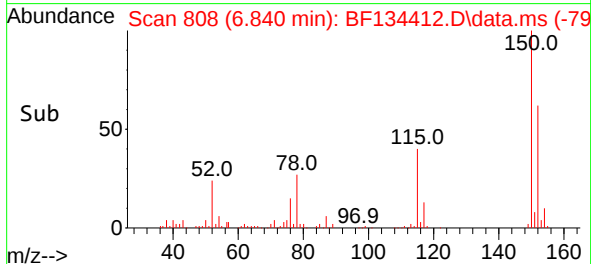


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

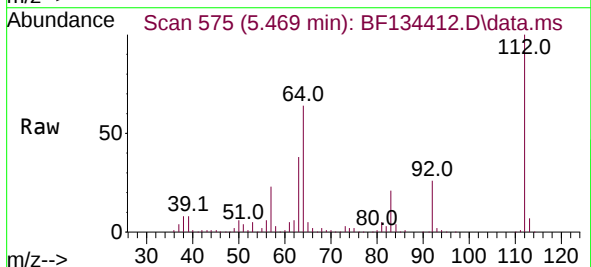
Instrument :
BNA_F
ClientSampleId :



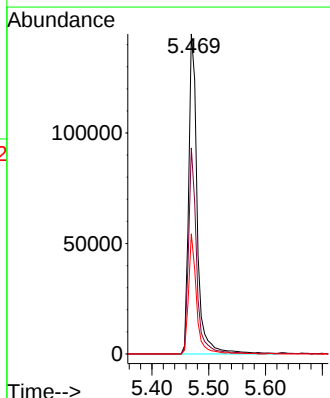
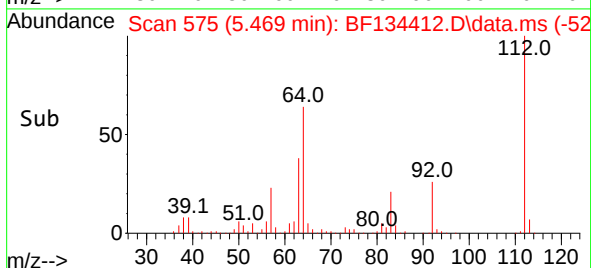
Tgt Ion:152 Resp: 48379
Ion Ratio Lower Upper
152 100
150 160.3 124.5 186.7
115 64.9 50.2 75.2



#5
2-Fluorophenol
Concen: 52.502 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18



Tgt Ion:112 Resp: 151844
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 37.6 28.6 42.8





#7

Phenol-d6

Concen: 48.159 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

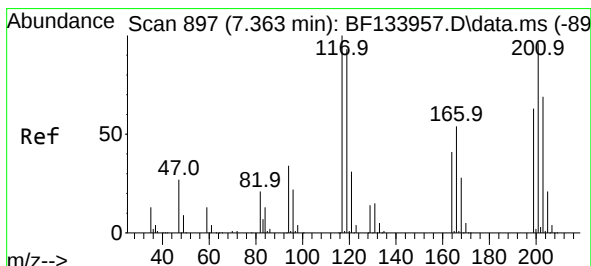
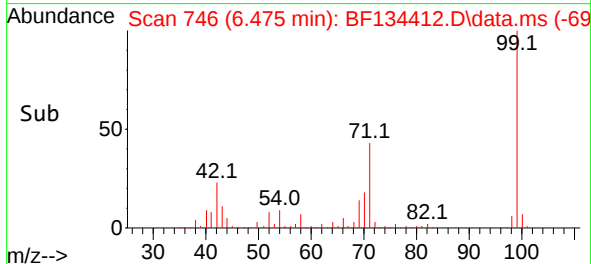
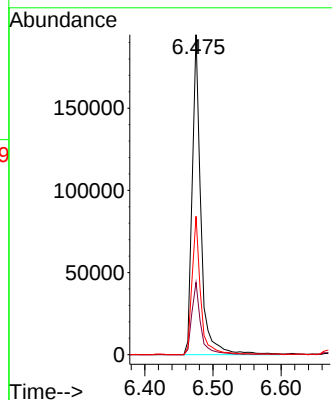
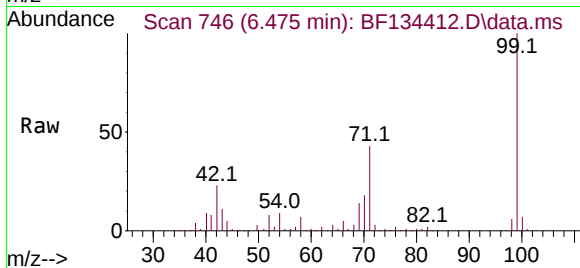
Tgt Ion: 99 Resp: 171290

Ion Ratio Lower Upper

99 100

42 22.6 19.8 29.6

71 43.2 31.9 47.9



#18

Hexachloroethane

Concen: 2.296 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.012 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

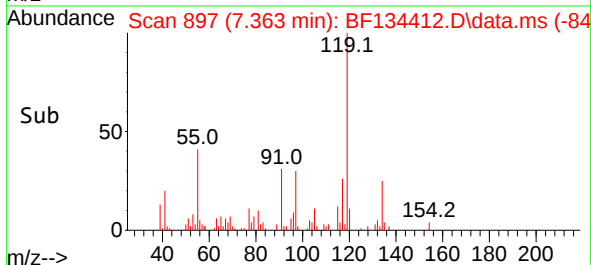
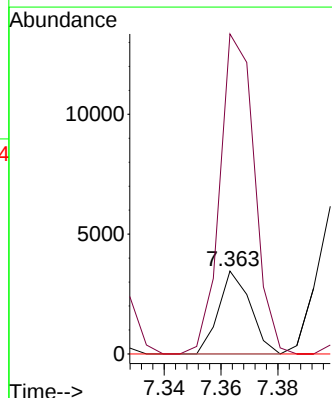
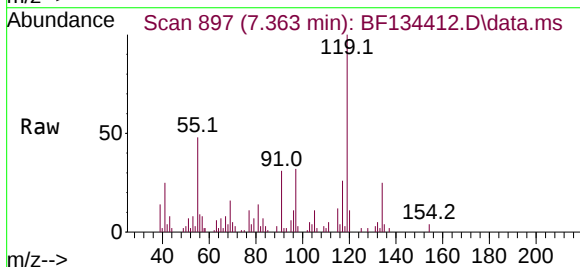
Tgt Ion: 117 Resp: 2692

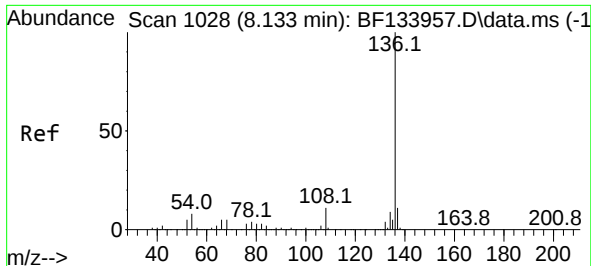
Ion Ratio Lower Upper

117 100

119 386.2 74.2 111.4#

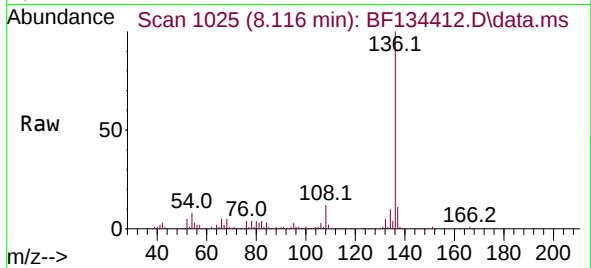
201 0.0 77.2 115.8#





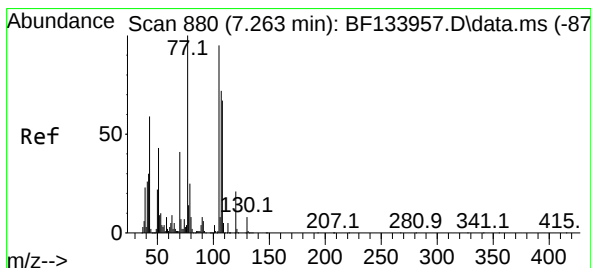
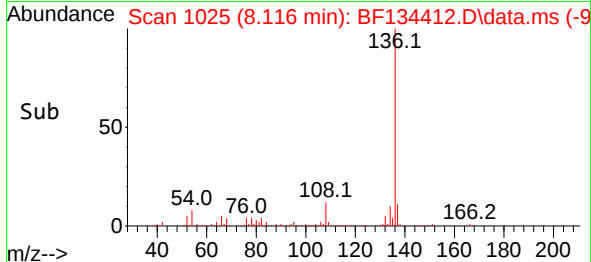
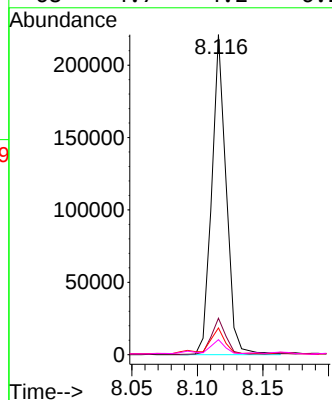
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 169751

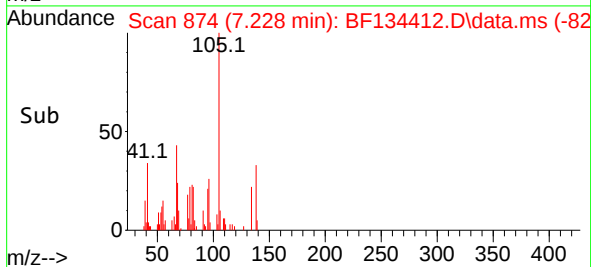
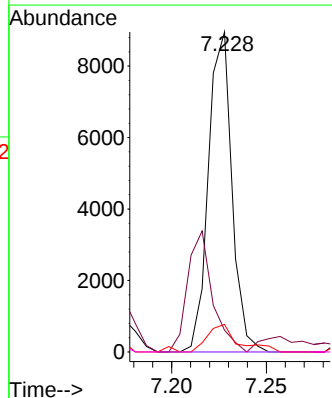
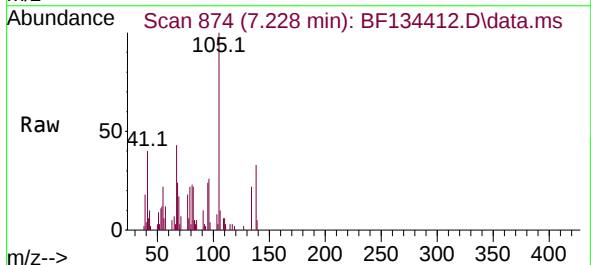
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.3	6.5	9.7
68	4.7	4.2	6.2

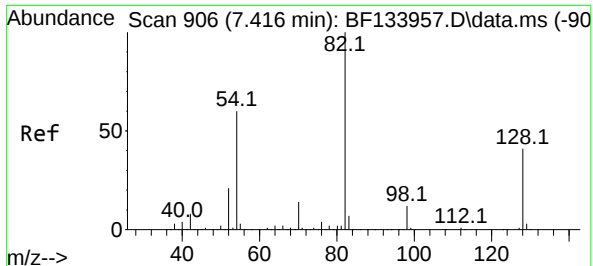


#22
Acetophenone
Concen: 2.003 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.029 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Tgt Ion:105 Resp: 7733

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.5	8.3
51	8.6	36.5	54.7#
120	0.0	17.3	25.9#





#23

Nitrobenzene-d5

Concen: 34.867 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

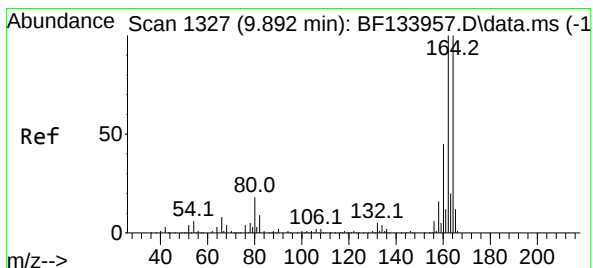
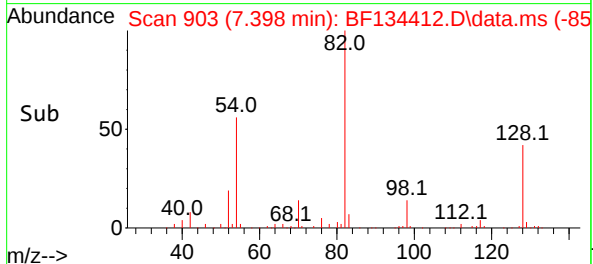
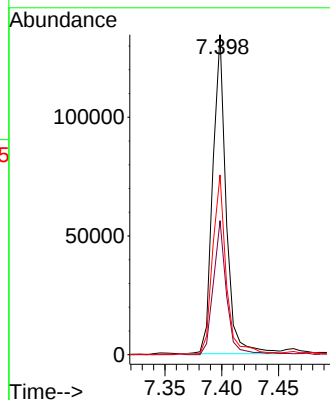
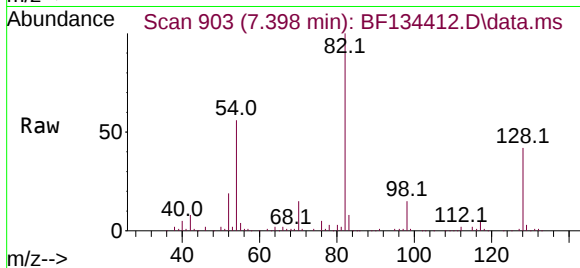
Tgt Ion: 82 Resp: 109797

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 56.2 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: BF134412.D

Acq: 21 Jul 2023 21:18

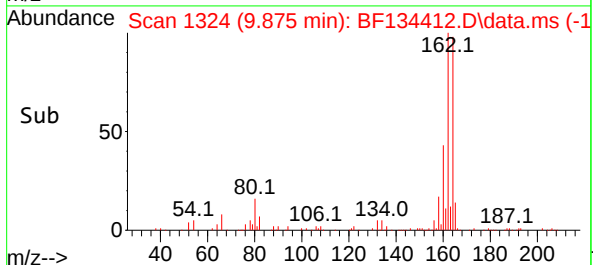
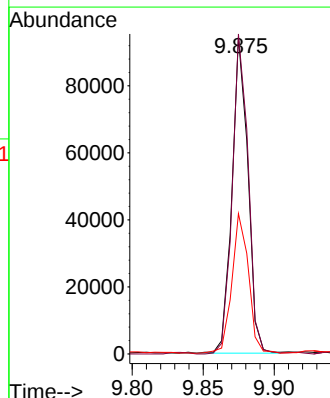
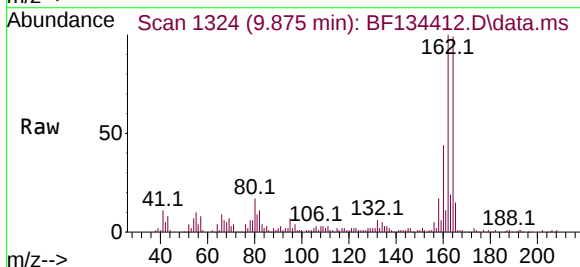
Tgt Ion:164 Resp: 73563

Ion Ratio Lower Upper

164 100

162 101.0 80.0 120.0

160 44.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 46.493 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.012 min

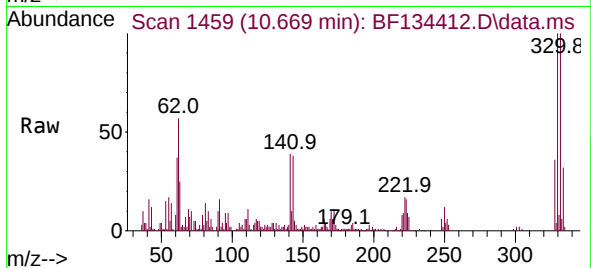
Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :



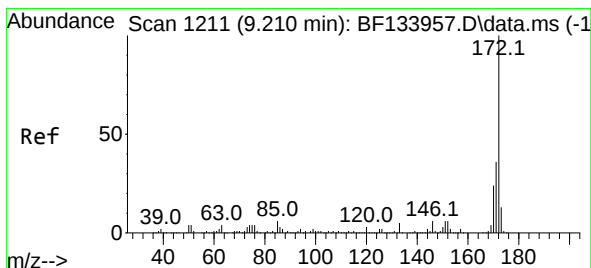
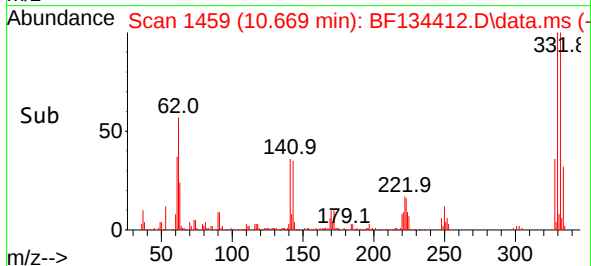
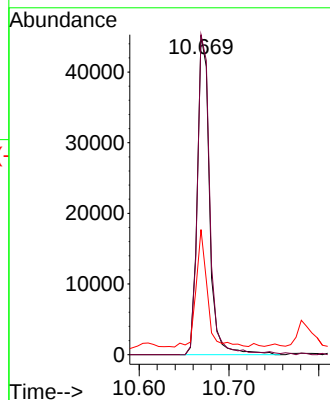
Tgt Ion:330 Resp: 42882

Ion Ratio Lower Upper

330 100

332 101.3 77.0 115.6

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 38.481 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

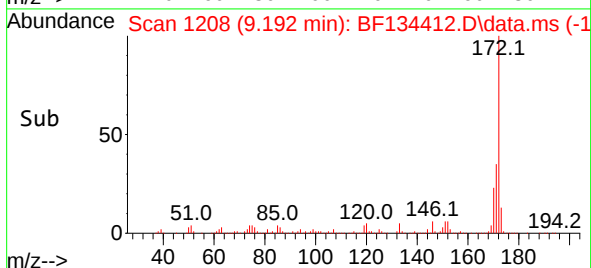
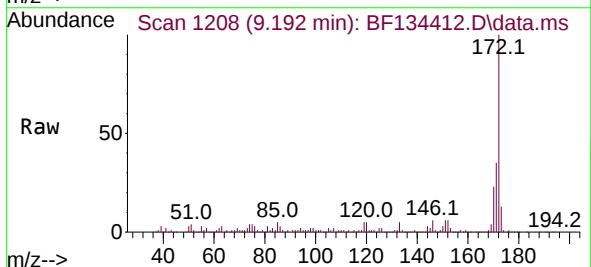
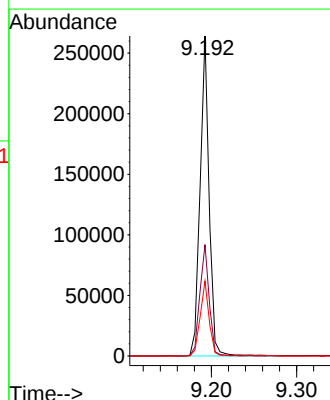
Tgt Ion:172 Resp: 194701

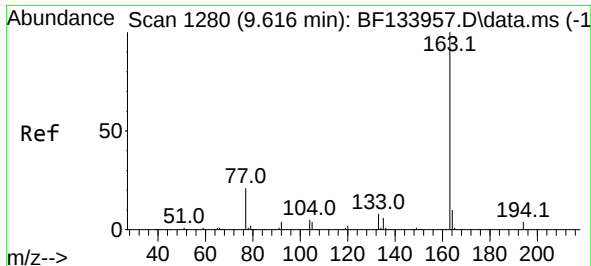
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

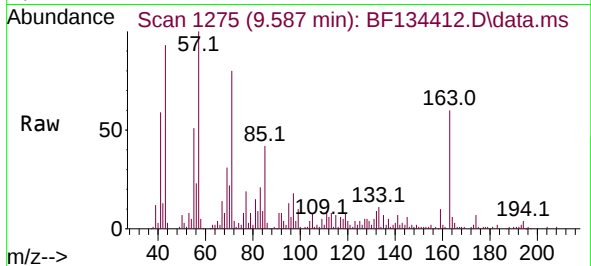
170 23.4 19.4 29.0



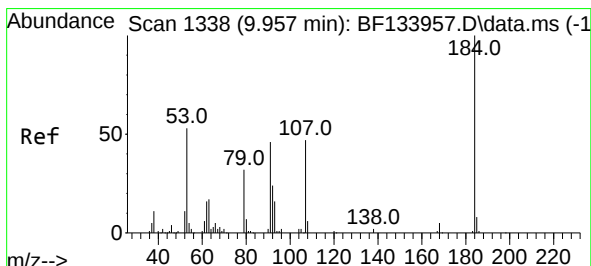
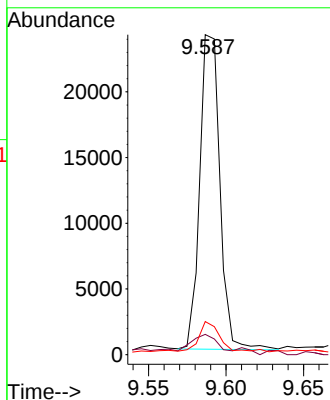
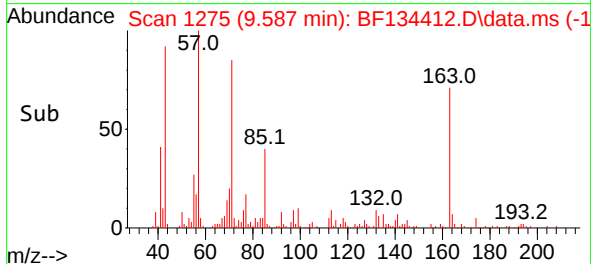


#50
Dimethylphthalate
Concen: 4.061 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Instrument :
BNA_F
ClientSampleId :

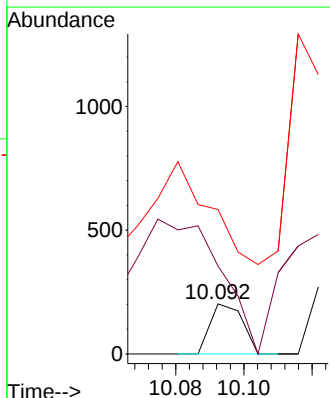
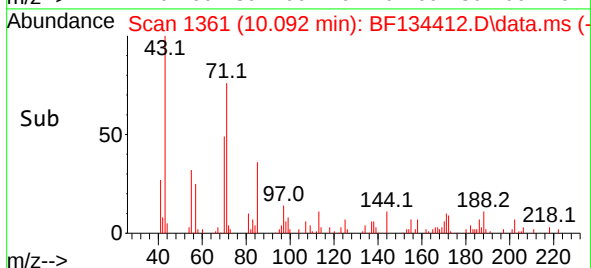
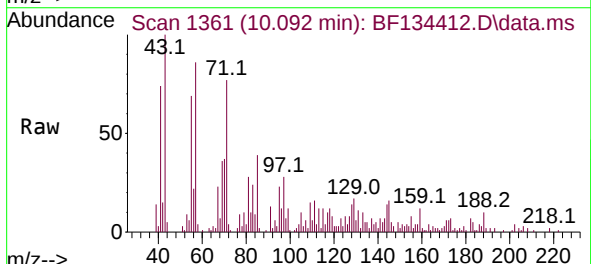


Tgt Ion:163 Resp: 21686
Ion Ratio Lower Upper
163 100
194 6.4 3.0 4.6#
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.054 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.136 min
Lab File: BF134412.D
Acq: 21 Jul 2023 21:18

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 175.7 56.9 85.3#
154 289.1 55.4 83.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

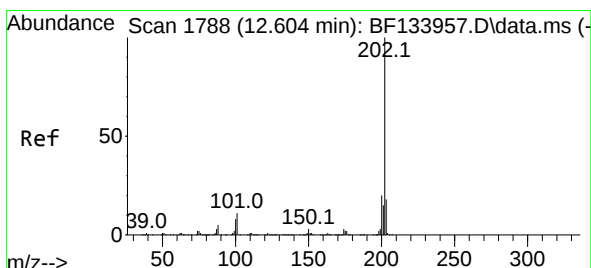
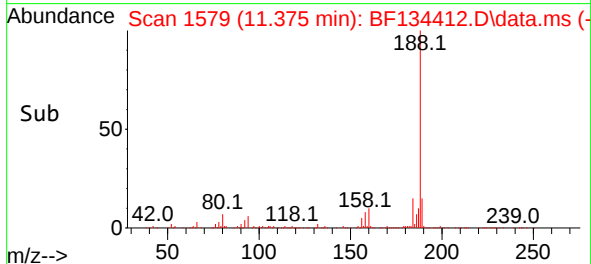
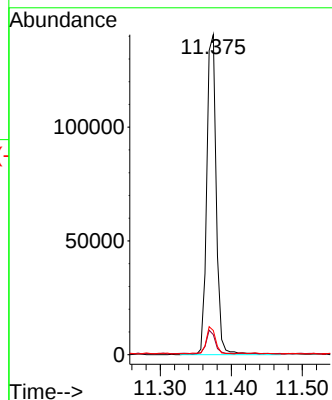
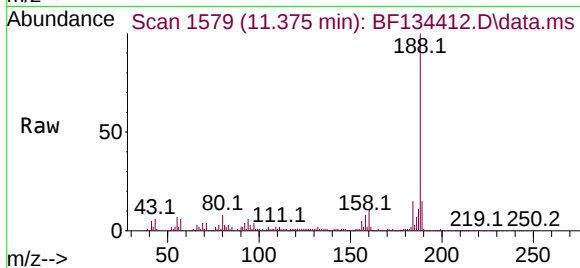
Tgt Ion:188 Resp: 131785

Ion Ratio Lower Upper

188 100

94 6.2 6.4 9.6#

80 7.5 7.3 10.9



#75

Fluoranthene

Concen: 3.207 ng

RT: 12.598 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

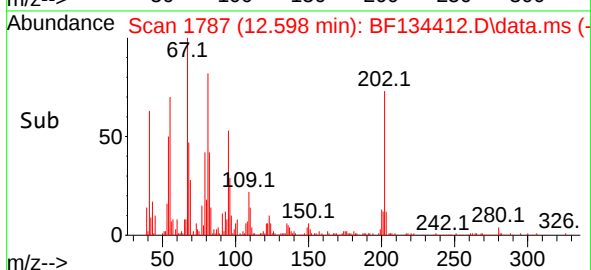
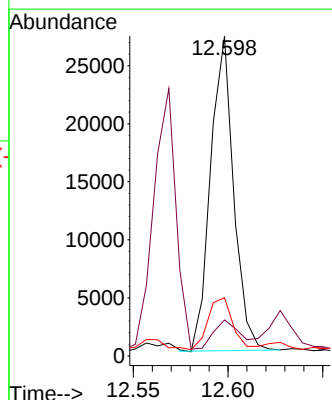
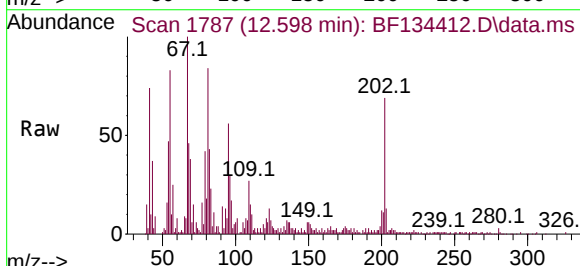
Tgt Ion:202 Resp: 23005

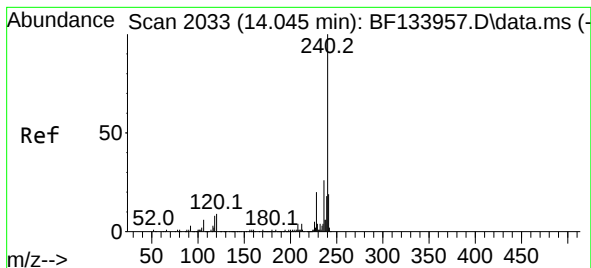
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNA_F

ClientSampleId :

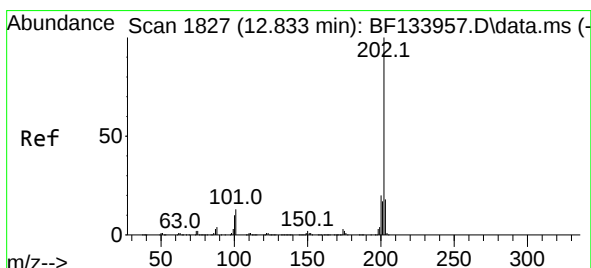
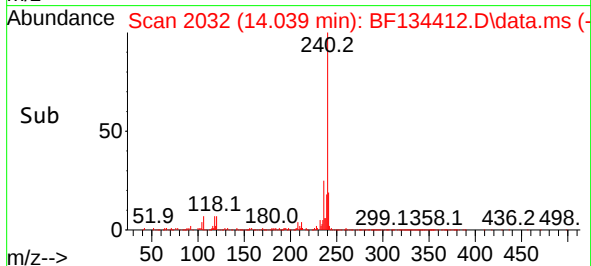
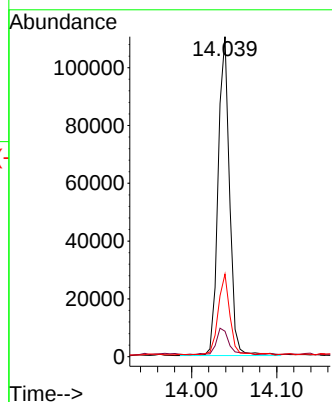
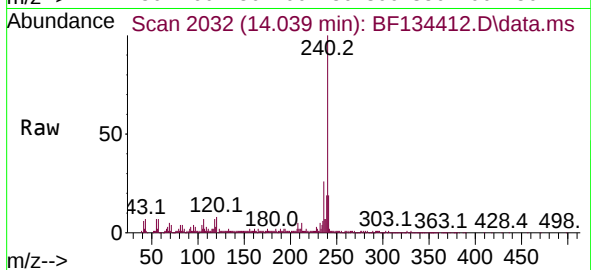
Tgt Ion:240 Resp: 103247

Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.0

236 25.8 21.0 31.6



#78

Pyrene

Concen: 2.394 ng

RT: 12.598 min Scan# 1787

Delta R.T. -0.235 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

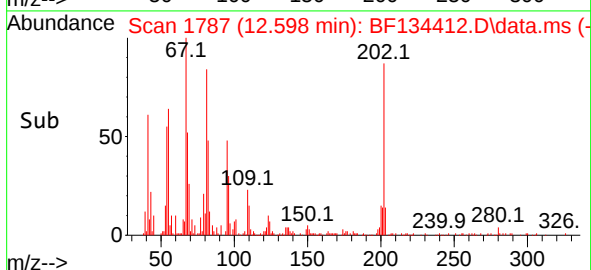
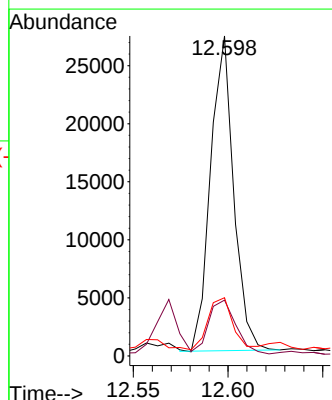
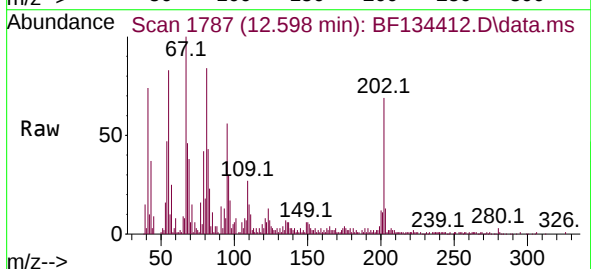
Tgt Ion:202 Resp: 23005

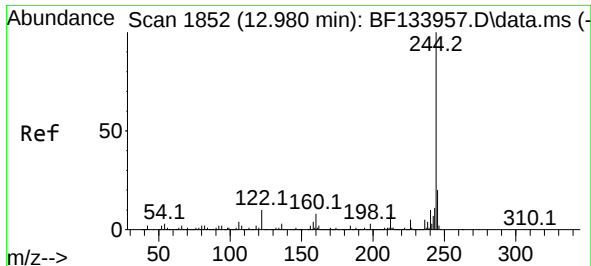
Ion Ratio Lower Upper

202 100

200 17.4 16.1 24.1

203 18.2 14.3 21.5

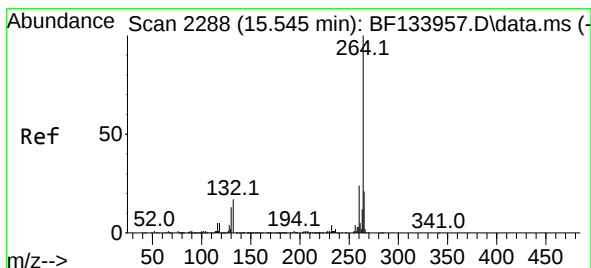
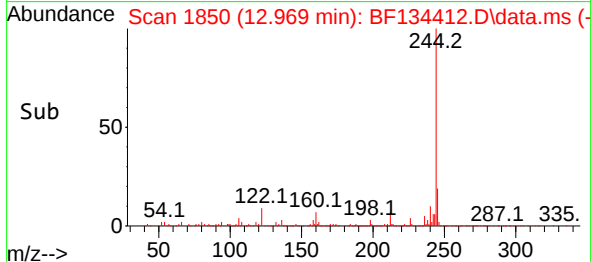
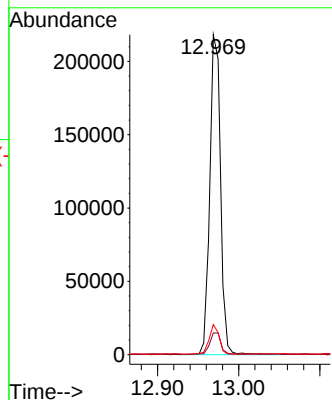
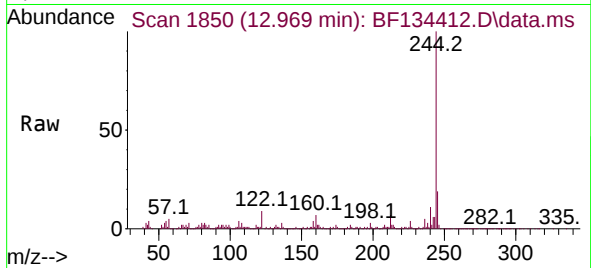




#79
 Terphenyl-d14
 Concen: 31.191 ng
 RT: 12.969 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134412.D
 Acq: 21 Jul 2023 21:18

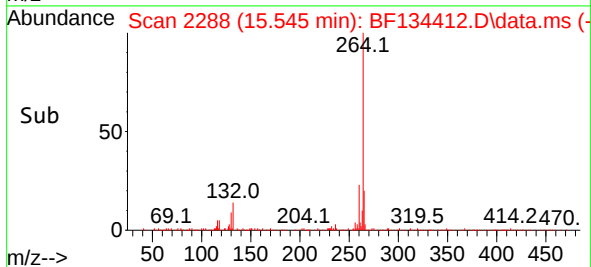
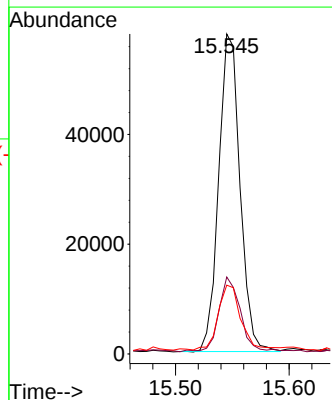
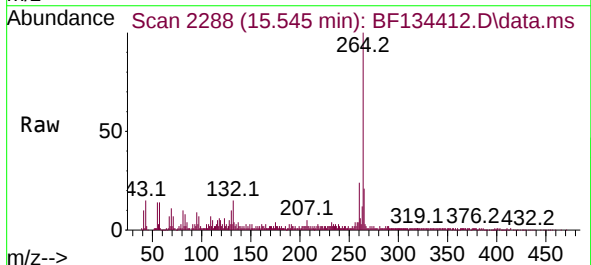
Instrument :
 BNA_F
 ClientSampleId :

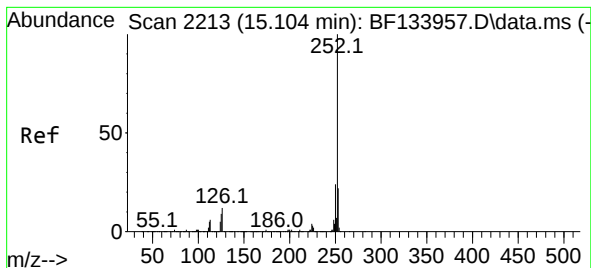
Tgt Ion:244 Resp: 200095
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134412.D
 Acq: 21 Jul 2023 21:18

Tgt Ion:264 Resp: 75607
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.958 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Instrument :

BNF

ClientSampleId :

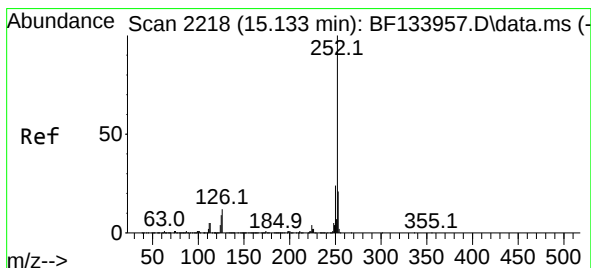
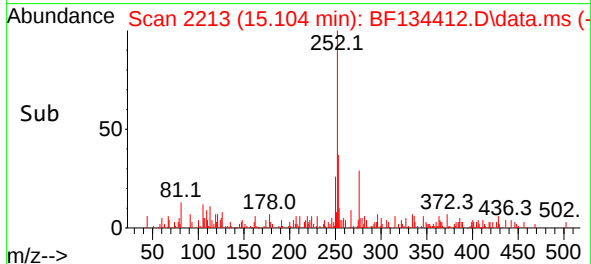
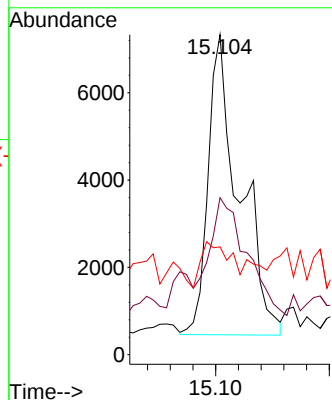
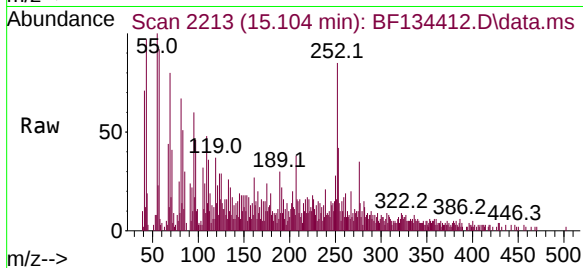
Tgt Ion:252 Resp: 13152

Ion Ratio Lower Upper

252 100

253 49.1 17.4 26.0#

125 33.7 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 2.906 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.029 min

Lab File: BF134412.D

Acq: 21 Jul 2023 21:18

Tgt Ion:252 Resp: 13152

Ion Ratio Lower Upper

252 100

253 49.1 16.9 25.3#

125 33.7 7.4 11.2#

