

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134575.D
 Acq On : 02 Aug 2023 12:26
 Operator : CG\JU
 Sample : 03681-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-7-CS-7

Quant Time: Aug 02 13:21:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

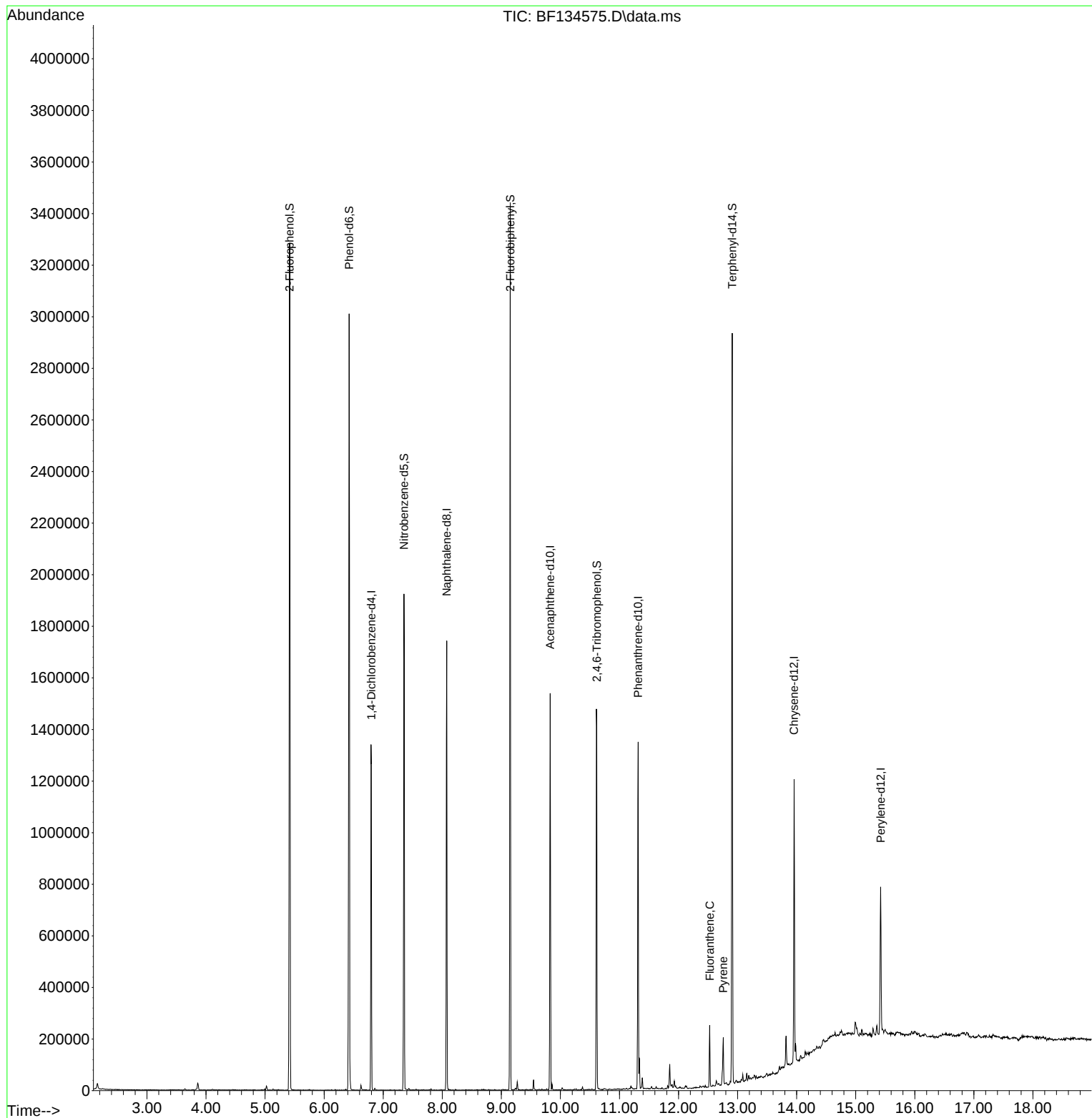
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	196535	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	683857	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	265805	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	457511	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	319397	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	259107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	865036	66.906	ng	0.00
7) Phenol-d6	6.422	99	1067339	64.580	ng	0.00
23) Nitrobenzene-d5	7.351	82	580993	53.093	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	170251	62.832	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	941289	58.881	ng	0.00
79) Terphenyl-d14	12.910	244	976494	53.896	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.527	202	84585	3.295	ng	97
78) Pyrene	12.757	202	70737	2.559	ng	97

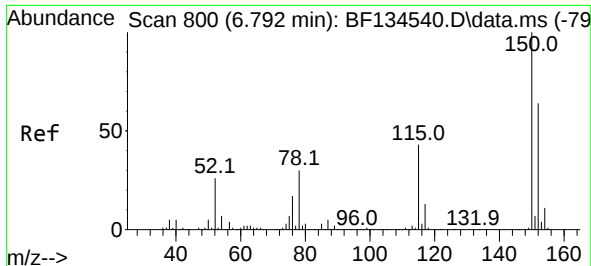
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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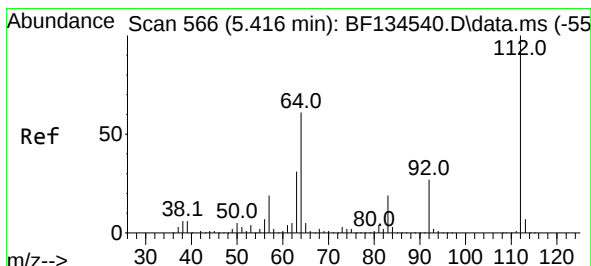
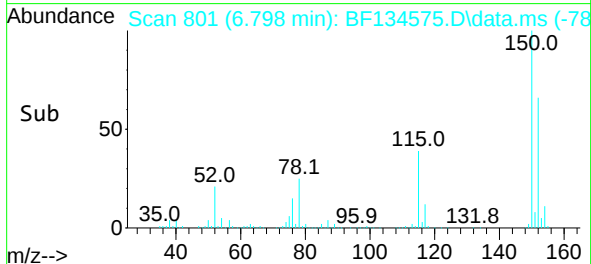
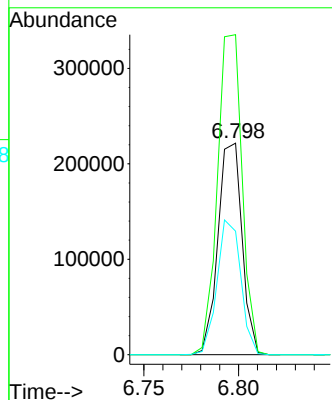
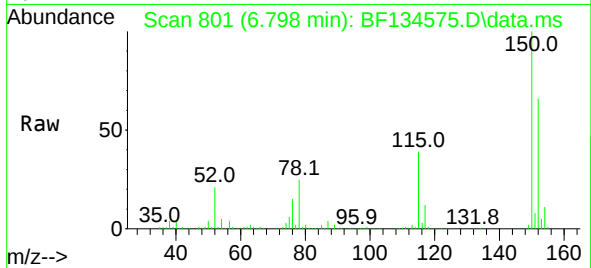




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134575.D
Acq: 02 Aug 2023 12:26

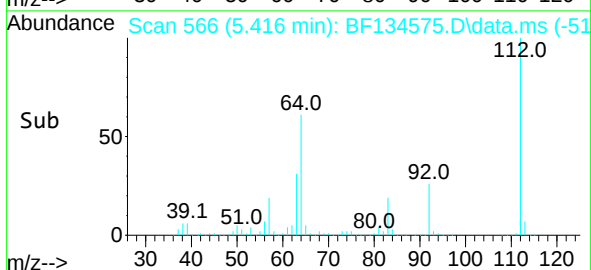
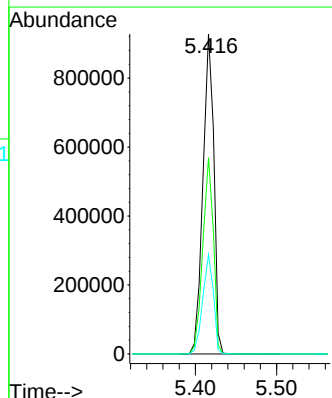
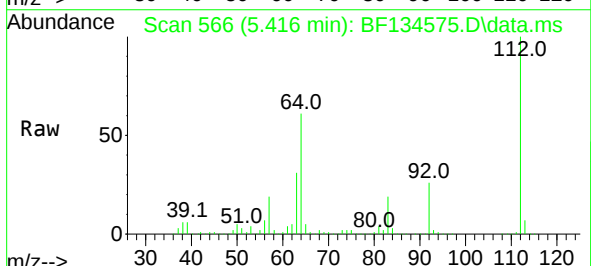
Instrument :
BNA_F
ClientSampleId :
RPTP-7-CS-7

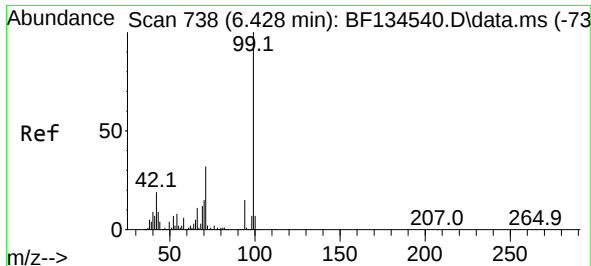
Tgt Ion:152 Resp: 196535
Ion Ratio Lower Upper
152 100
150 151.3 128.3 192.5
115 58.4 52.4 78.6



#5
2-Fluorophenol
Concen: 66.906 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134575.D
Acq: 02 Aug 2023 12:26

Tgt Ion:112 Resp: 865036
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 31.0 25.4 38.0

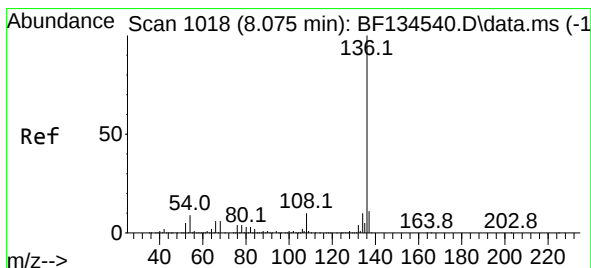
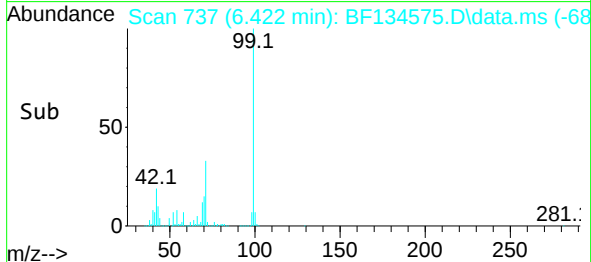
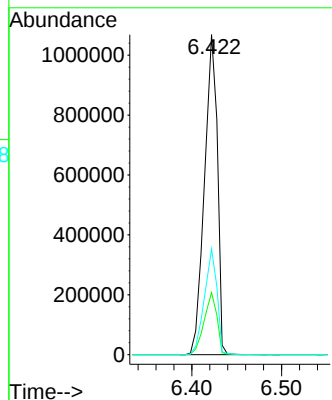
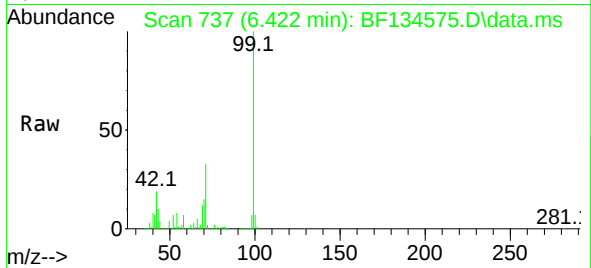




#7
Phenol-d6
Concen: 64.580 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134575.D
Acq: 02 Aug 2023 12:26

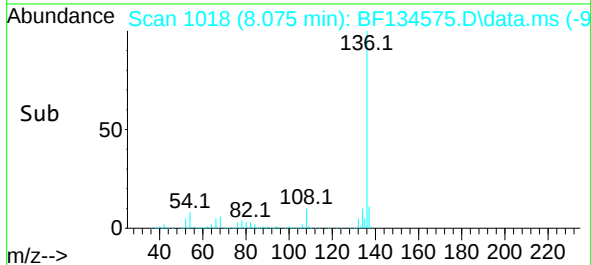
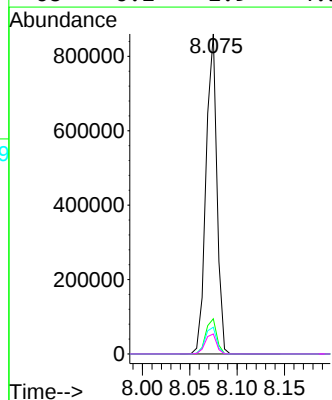
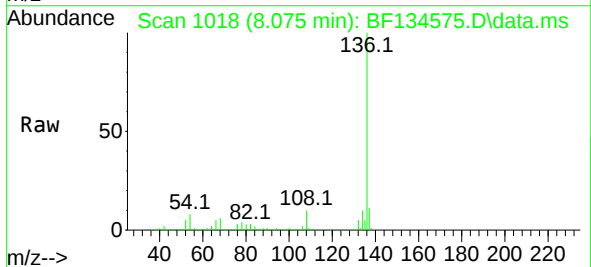
Instrument :
BNA_F
ClientSampleId :
RPTP-7-CS-7

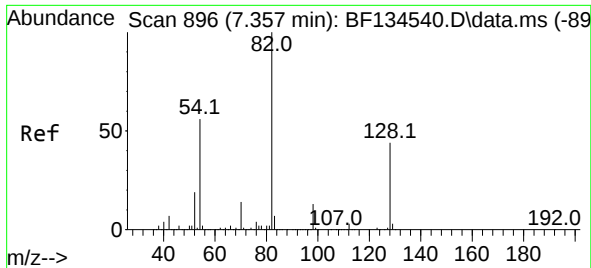
Tgt Ion: 99 Resp: 1067339
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 33.1 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134575.D
Acq: 02 Aug 2023 12:26

Tgt Ion: 136 Resp: 683857
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.3 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 53.093 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

Instrument :

BNA_F

ClientSampleId :

RPTP-7-CS-7

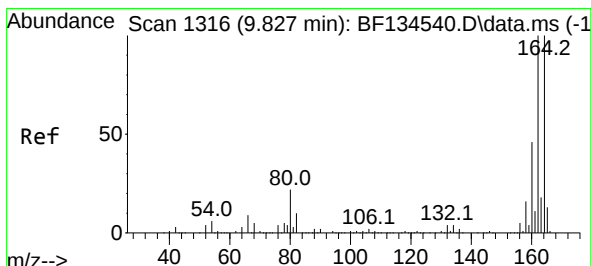
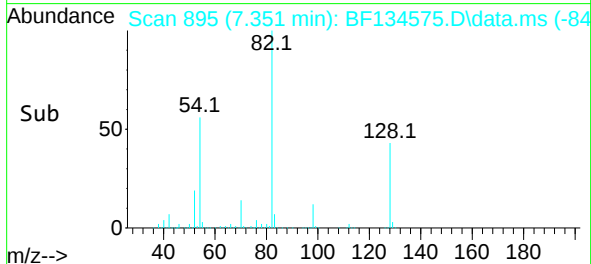
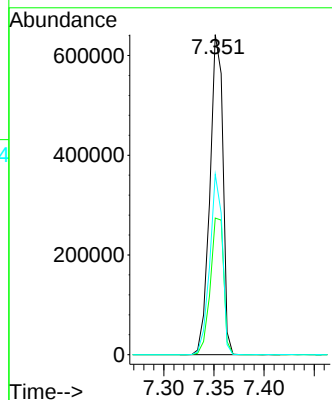
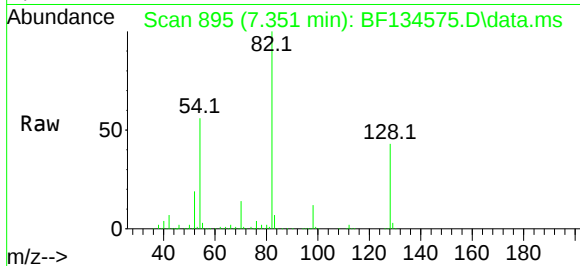
Tgt Ion: 82 Resp: 580993

Ion Ratio Lower Upper

82 100

128 42.7 34.3 51.5

54 56.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

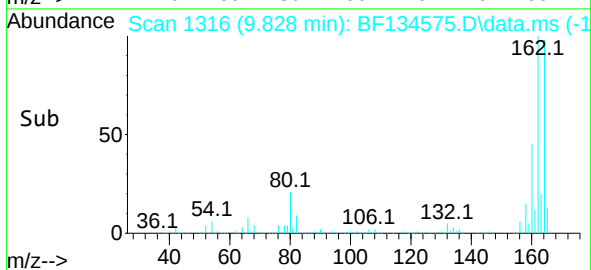
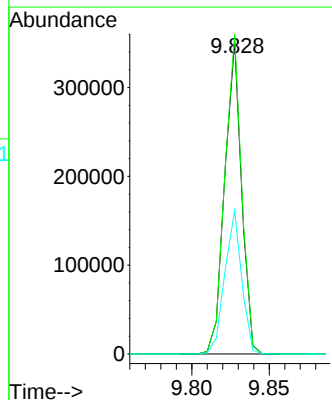
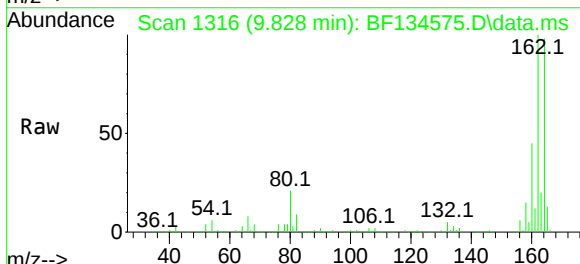
Tgt Ion:164 Resp: 265805

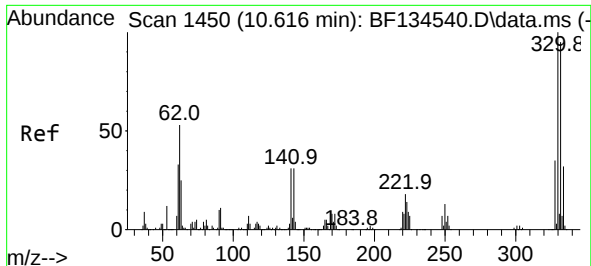
Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

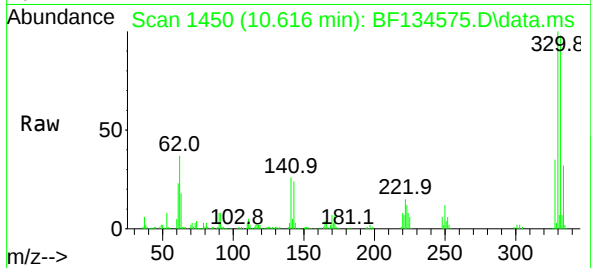
160 45.8 37.2 55.8



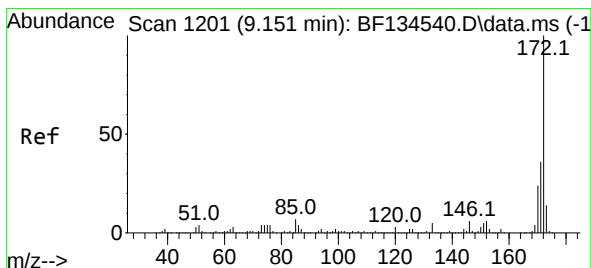
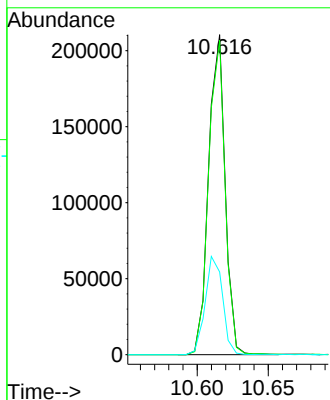
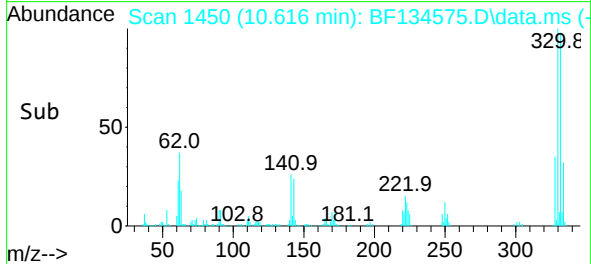


#42
 2,4,6-Tribromophenol
 Concen: 62.832 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134575.D
 Acq: 02 Aug 2023 12:26

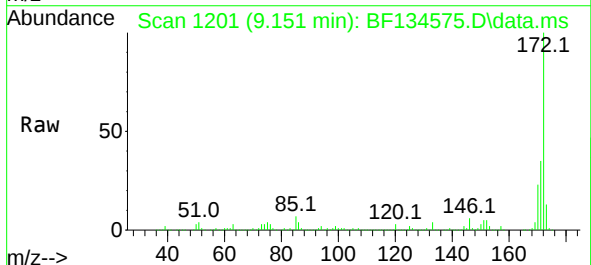
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-7-CS-7



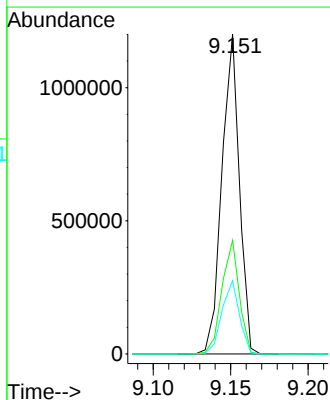
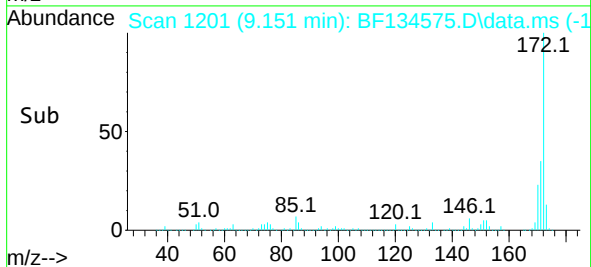
Tgt Ion: 330 Resp: 170251
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.8 118.2
 141 32.4 25.4 38.2

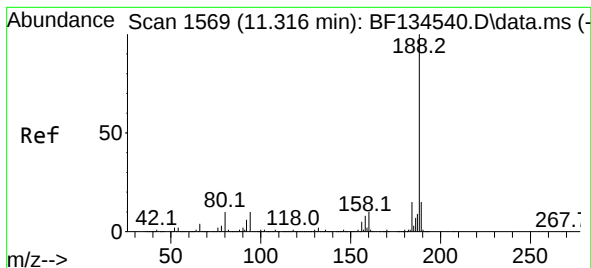


#45
 2-Fluorobiphenyl
 Concen: 58.881 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134575.D
 Acq: 02 Aug 2023 12:26



Tgt Ion: 172 Resp: 941289
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

Instrument :

BNA_F

ClientSampleId :

RPTP-7-CS-7

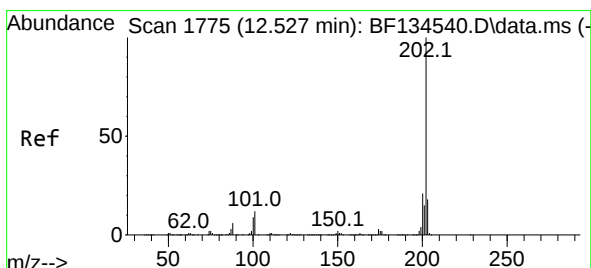
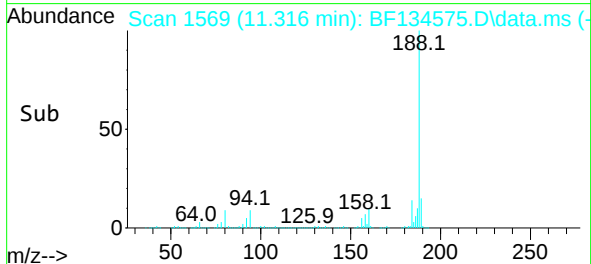
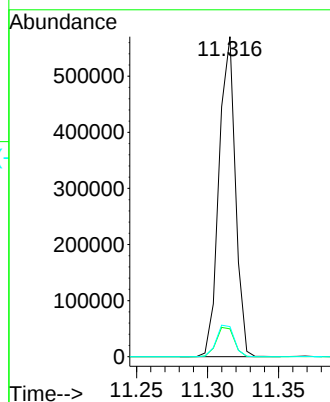
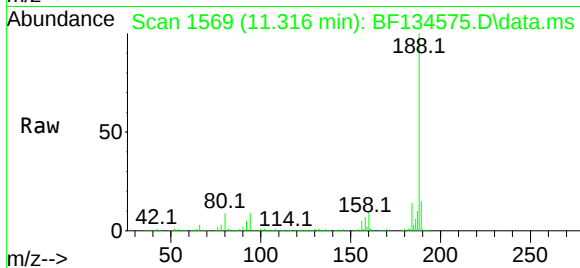
Tgt Ion:188 Resp: 457511

Ion Ratio Lower Upper

188 100

94 8.7 5.1 7.7#

80 9.4 6.6 9.8



#75

Fluoranthene

Concen: 3.295 ng

RT: 12.527 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

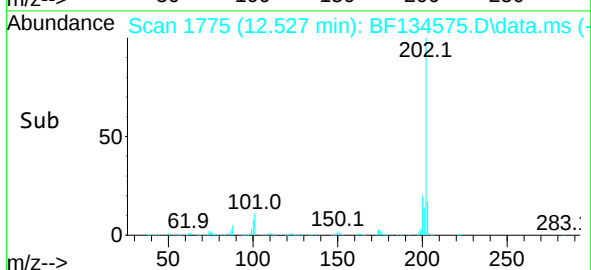
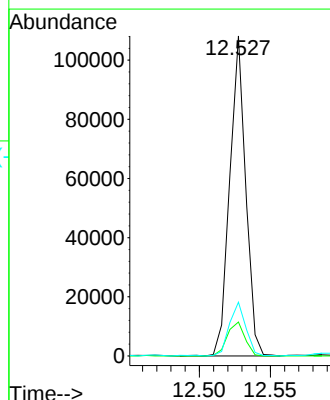
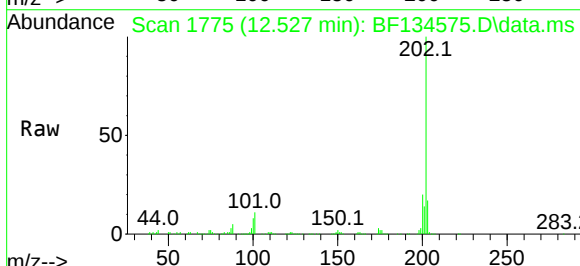
Tgt Ion:202 Resp: 84585

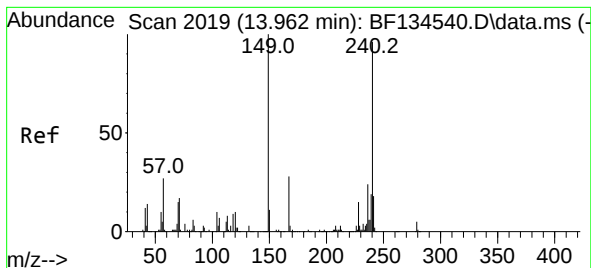
Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.5

203 16.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

Instrument :

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ClientSampleId :

RPTP-7-CS-7

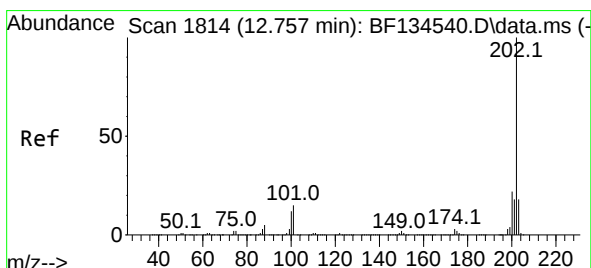
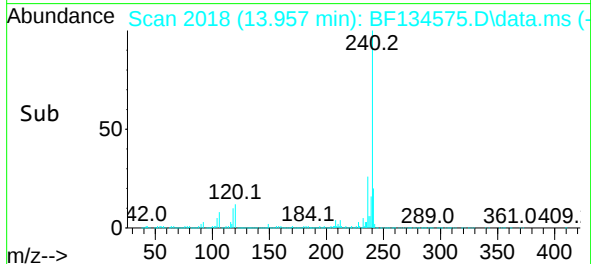
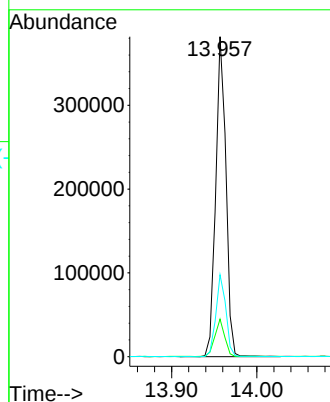
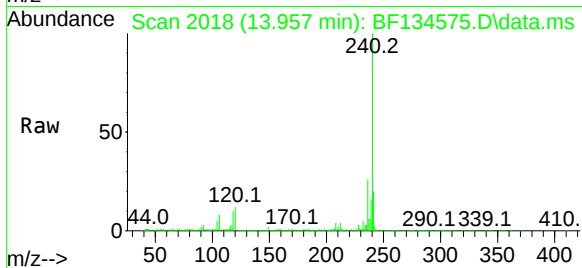
Tgt Ion:240 Resp: 319397

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 25.6 20.2 30.2



#78

Pyrene

Concen: 2.559 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

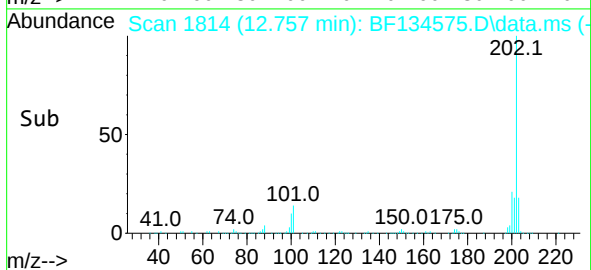
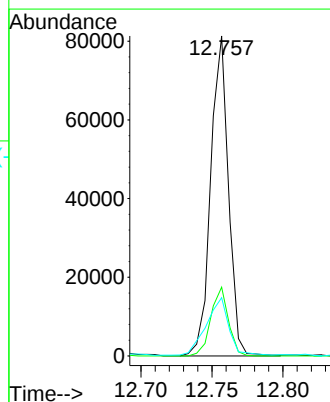
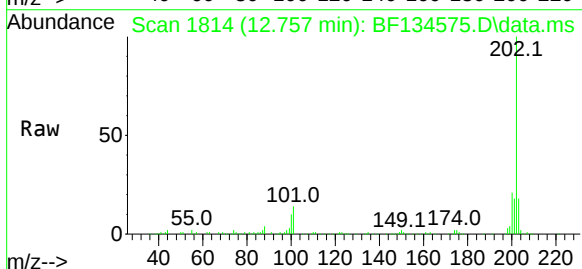
Tgt Ion:202 Resp: 70737

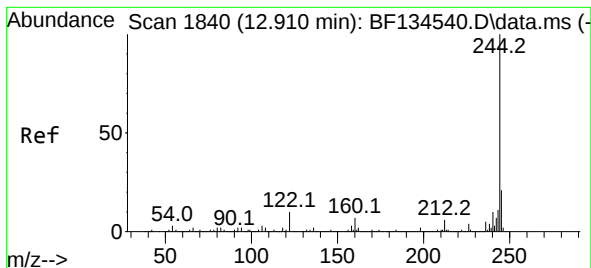
Ion Ratio Lower Upper

202 100

200 21.5 15.8 23.8

203 18.2 13.5 20.3





#79

Terphenyl-d14

Concen: 53.896 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

Instrument :

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RPTP-7-CS-7

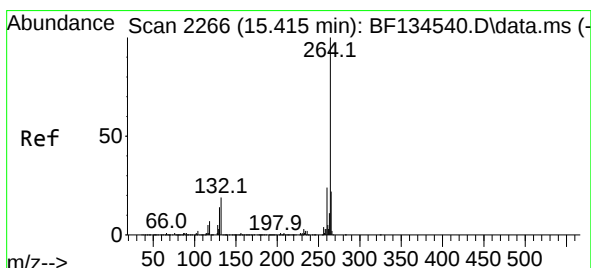
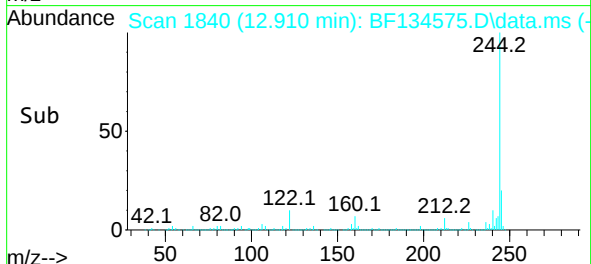
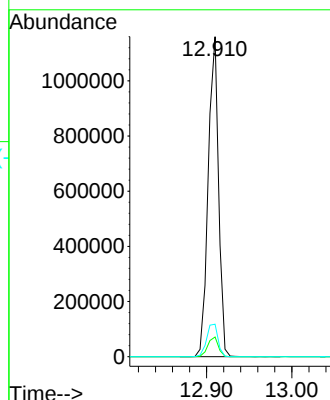
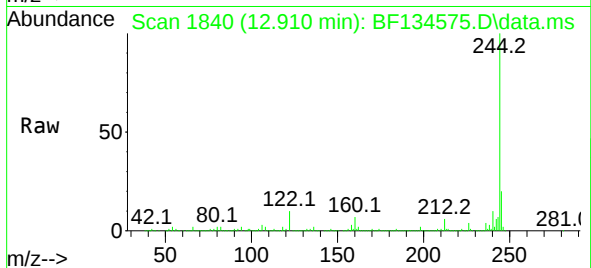
Tgt Ion:244 Resp: 976494

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.2 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134575.D

Acq: 02 Aug 2023 12:26

Tgt Ion:264 Resp: 259107

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 21.9 15.8 23.8

