

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134585.D
 Acq On : 02 Aug 2023 18:01
 Operator : CG\JU
 Sample : 03681-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-8-CS-8

Quant Time: Aug 03 01:48:52 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)

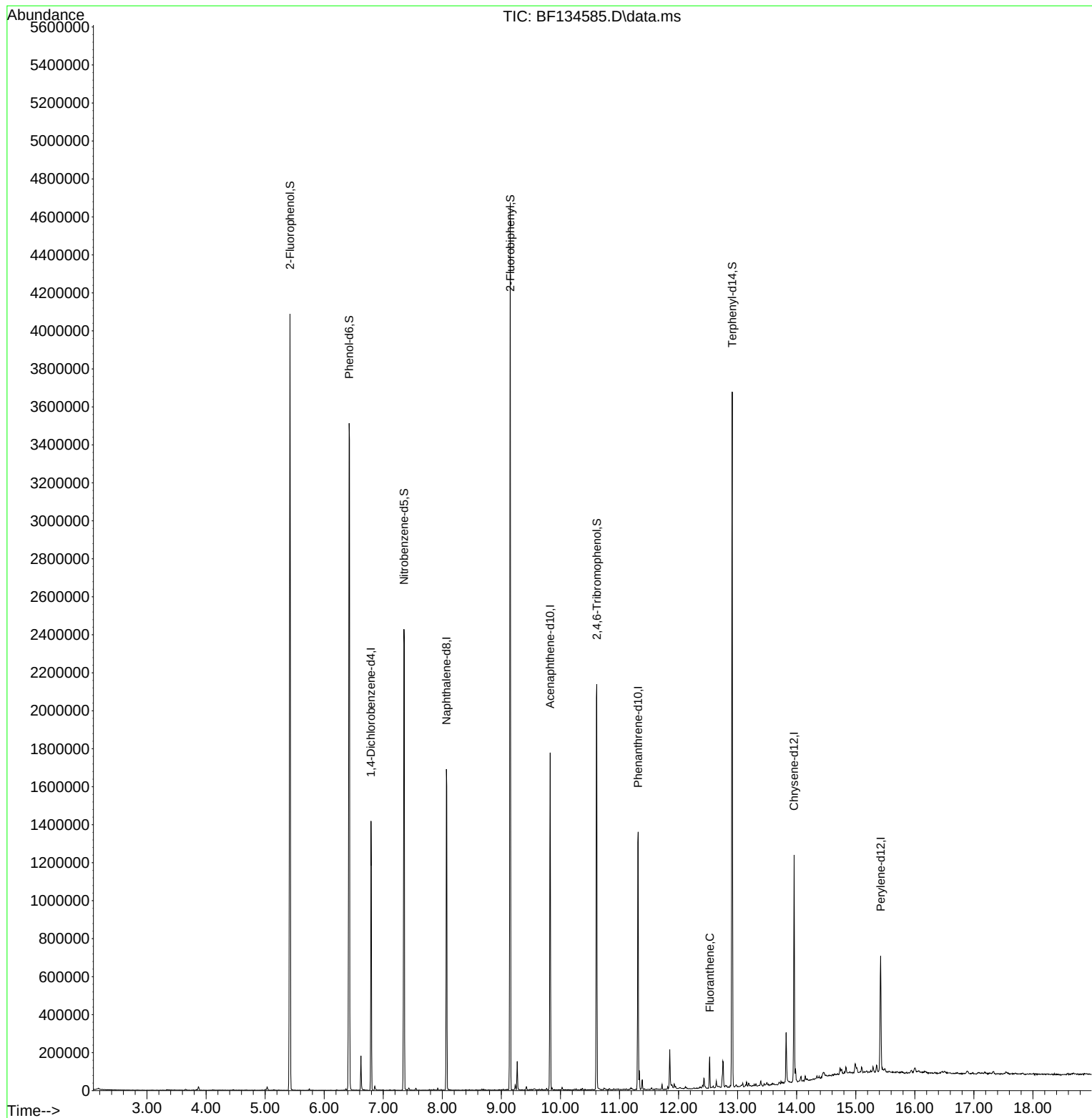
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	196160	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	741589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	313341	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	496234	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	341782	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	277479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1113084	86.256	ng	0.00
7) Phenol-d6	6.422	99	1393458	84.473	ng	0.00
23) Nitrobenzene-d5	7.351	82	818882	69.006	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	265035	82.973	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1332099	70.686	ng	0.00
79) Terphenyl-d14	12.910	244	1227140	63.294	ng	0.00
Target Compounds						
75) Fluoranthene	12.527	202	60939	2.189	ng	Qvalue 99

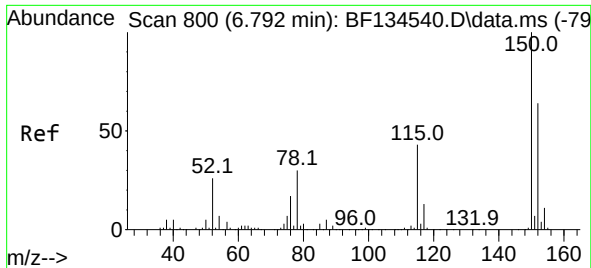
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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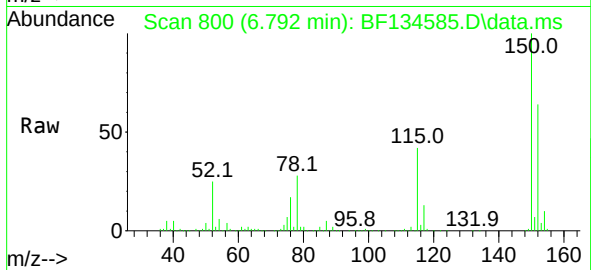
Quant Time: Aug 03 01:48:52 2023
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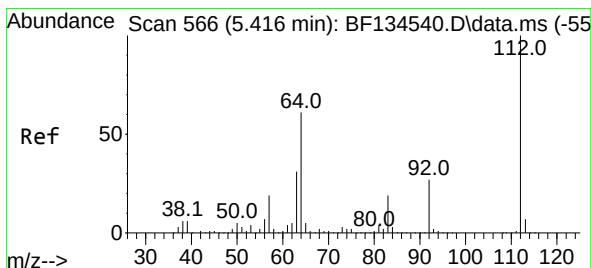
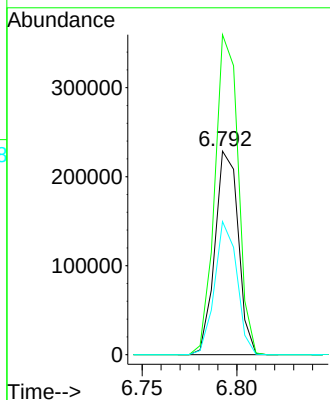
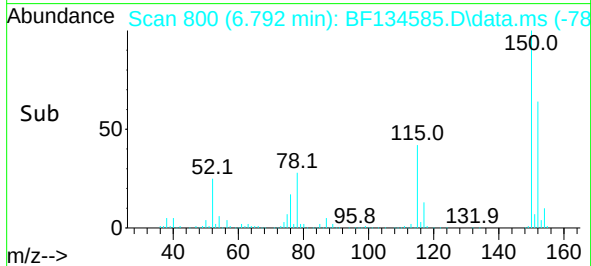


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

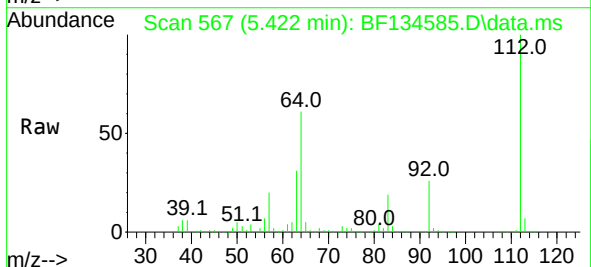
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8



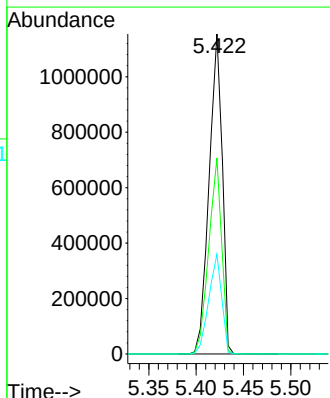
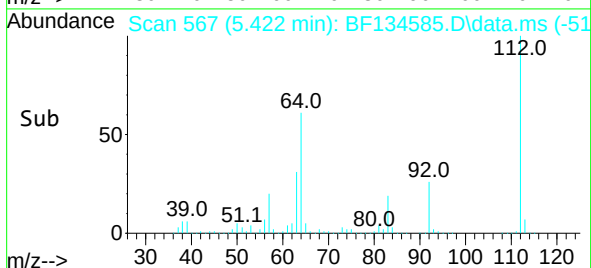
Tgt Ion:152 Resp: 196160
Ion Ratio Lower Upper
152 100
150 157.2 128.3 192.5
115 65.4 52.4 78.6

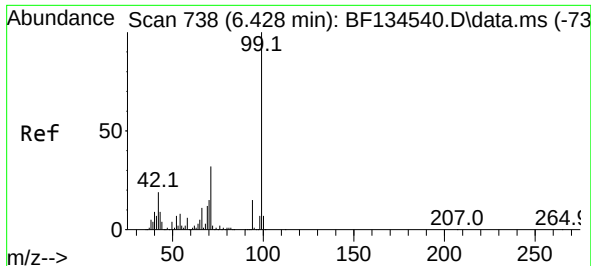


#5
2-Fluorophenol
Concen: 86.256 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01



Tgt Ion:112 Resp: 1113084
Ion Ratio Lower Upper
112 100
64 61.2 44.9 67.3
63 31.2 25.4 38.0

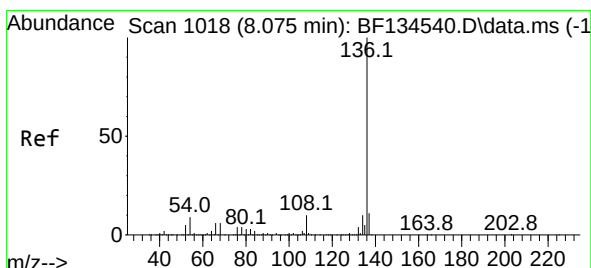
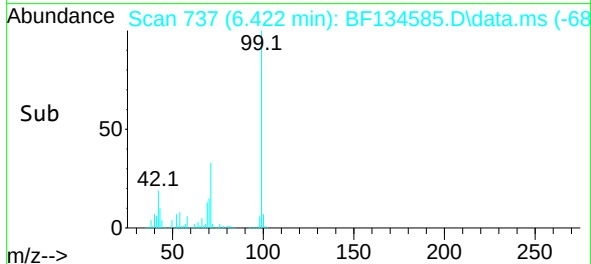
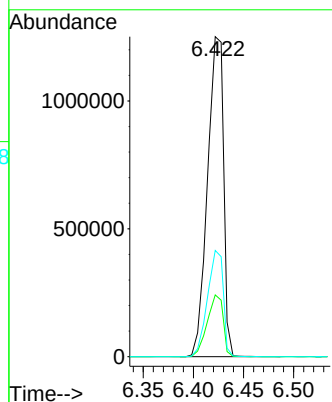
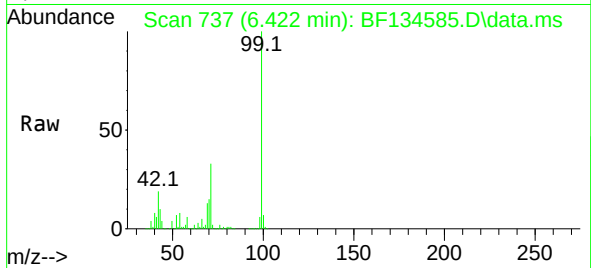




#7
Phenol-d6
Concen: 84.473 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

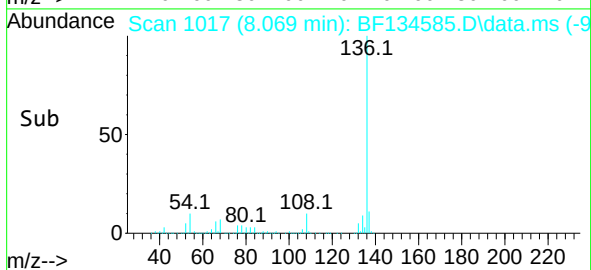
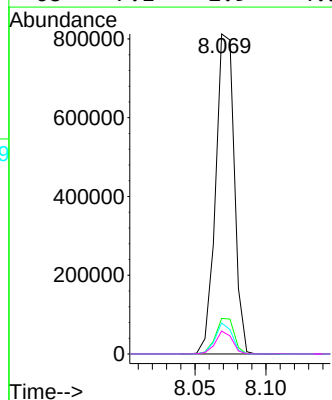
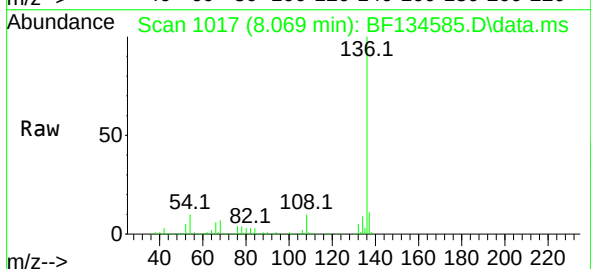
Instrument :
BNA_F
ClientSampleId :
RPTP-8-CS-8

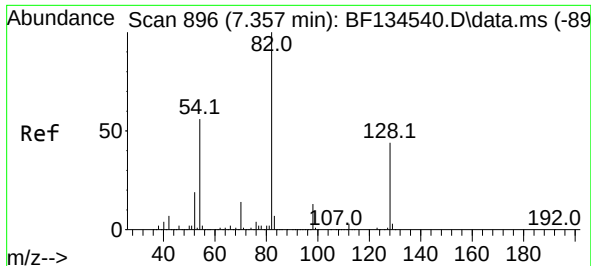
Tgt Ion: 99 Resp: 1393458
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion: 136 Resp: 741589
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.7 5.2 7.8#
68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 69.006 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8

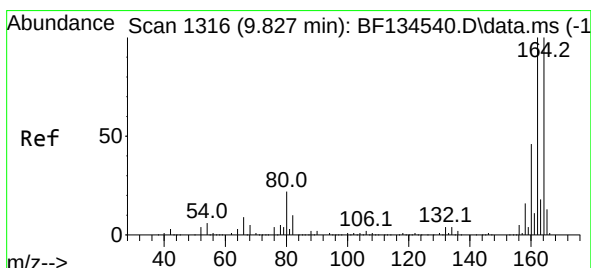
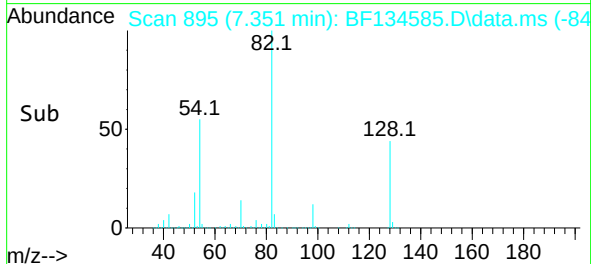
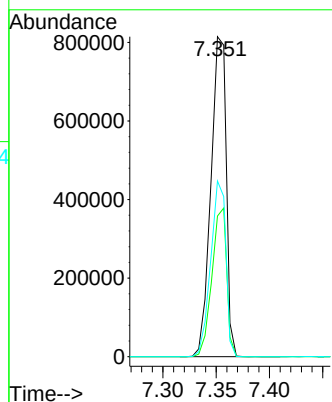
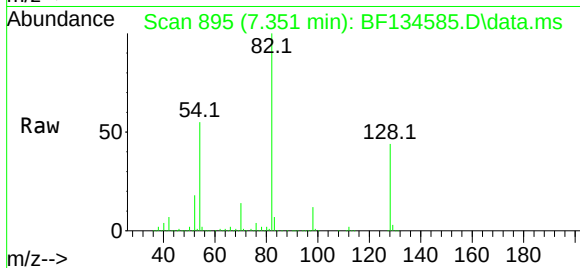
Tgt Ion: 82 Resp: 818882

Ion Ratio Lower Upper

82 100

128 43.9 34.3 51.5

54 54.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

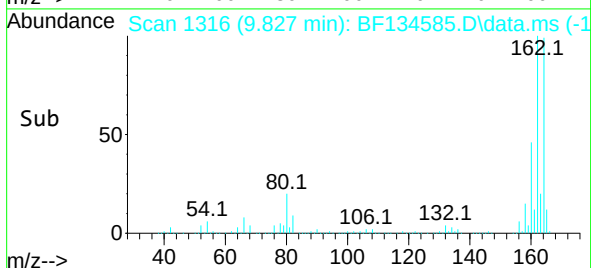
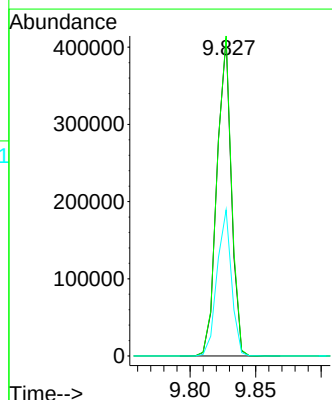
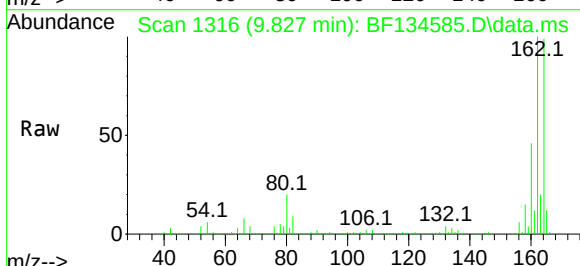
Tgt Ion: 164 Resp: 313341

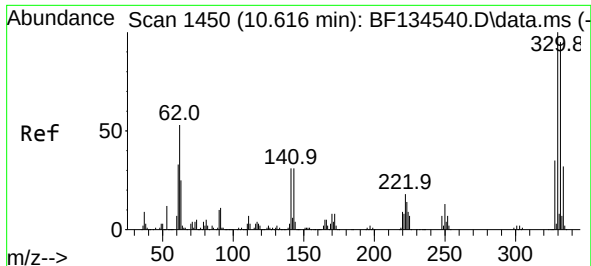
Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

160 46.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 82.973 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134585.D

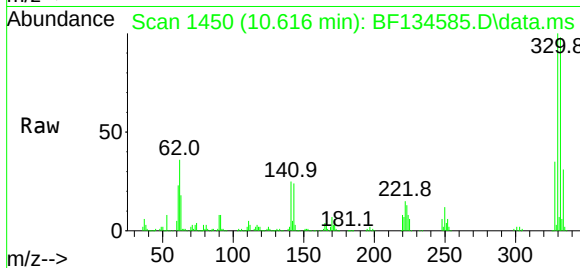
Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8



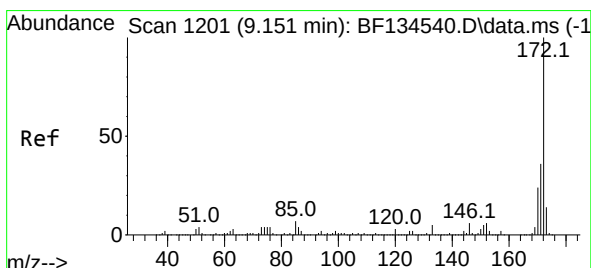
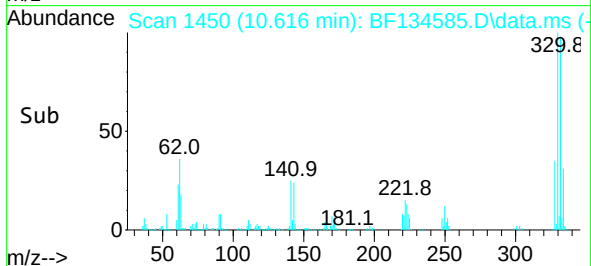
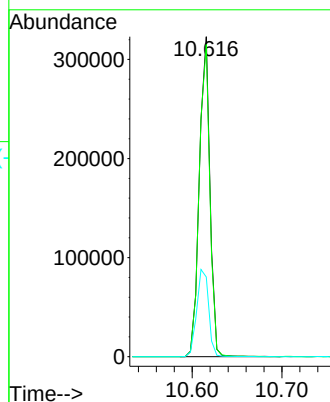
Tgt Ion:330 Resp: 265035

Ion Ratio Lower Upper

330 100

332 98.4 78.8 118.2

141 30.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 70.686 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

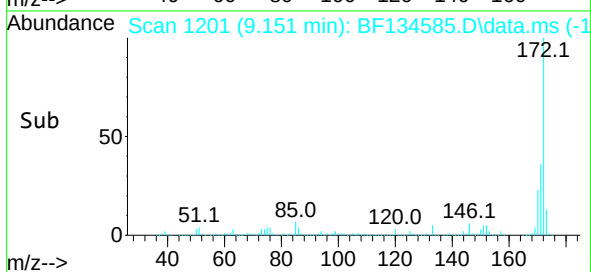
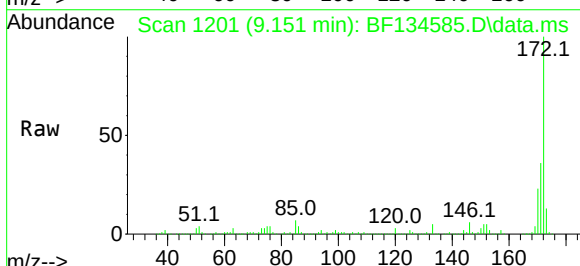
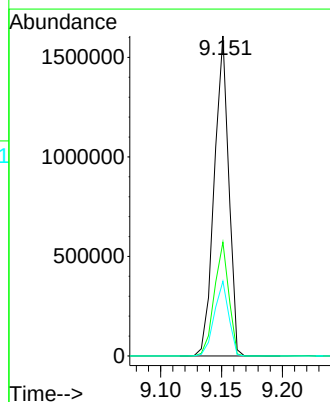
Tgt Ion:172 Resp: 1332099

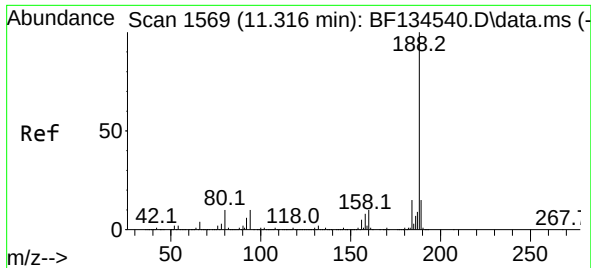
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 18.7 28.1

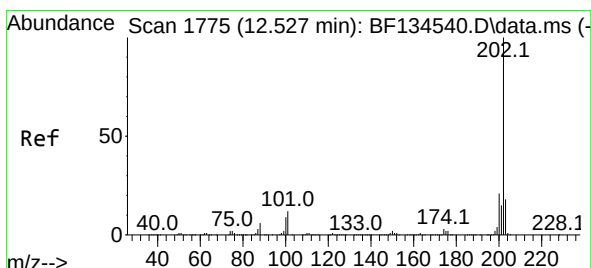
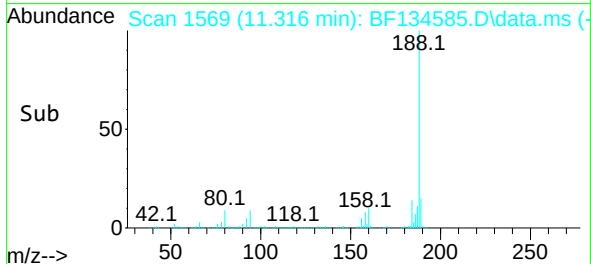
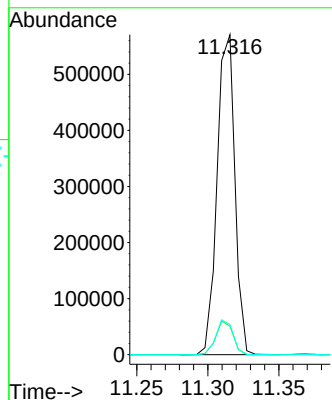
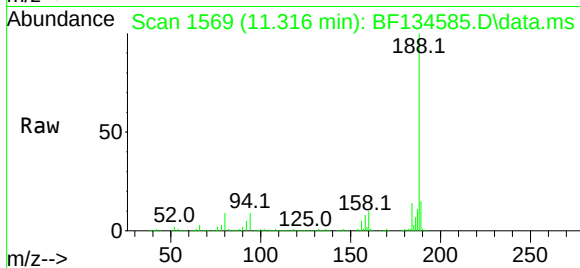




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

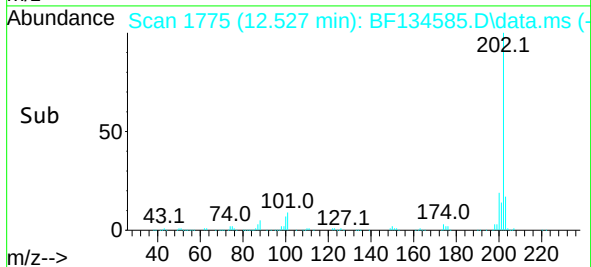
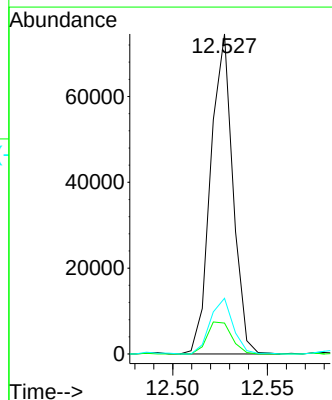
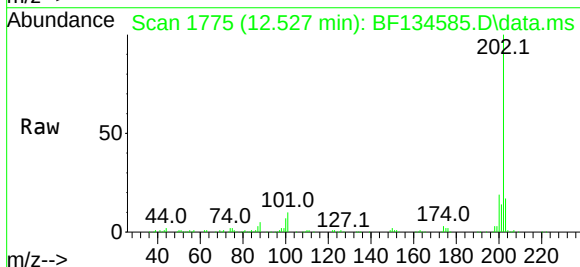
Instrument :
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RPTP-8-CS-8

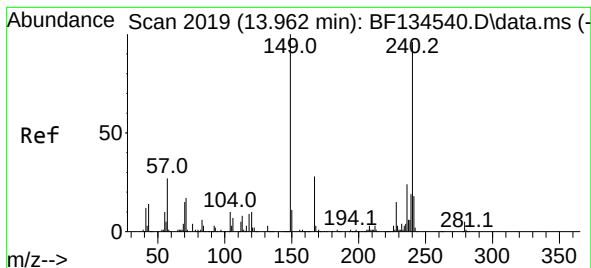
Tgt Ion:188 Resp: 496234
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.4 6.6 9.8



#75
Fluoranthene
Concen: 2.189 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134585.D
Acq: 02 Aug 2023 18:01

Tgt Ion:202 Resp: 60939
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.5
203 17.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

Instrument :

BNA_F

ClientSampleId :

RPTP-8-CS-8

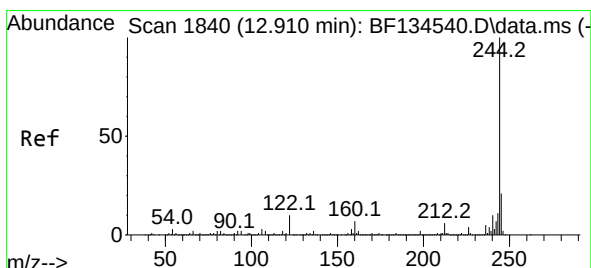
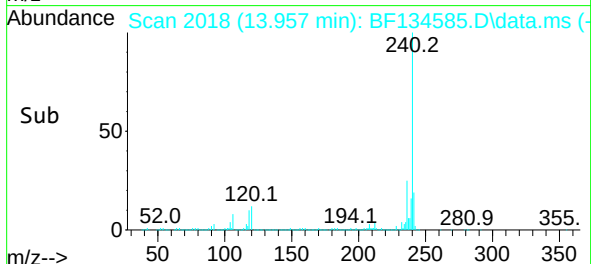
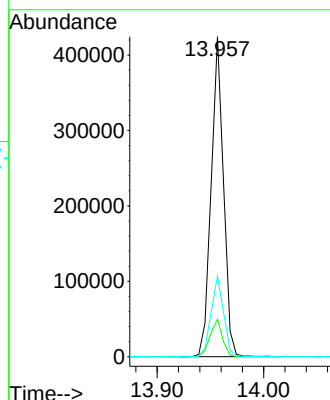
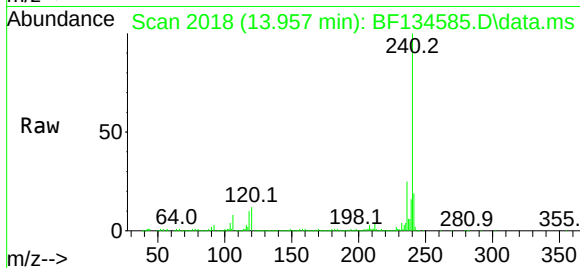
Tgt Ion:240 Resp: 341782

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 63.294 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134585.D

Acq: 02 Aug 2023 18:01

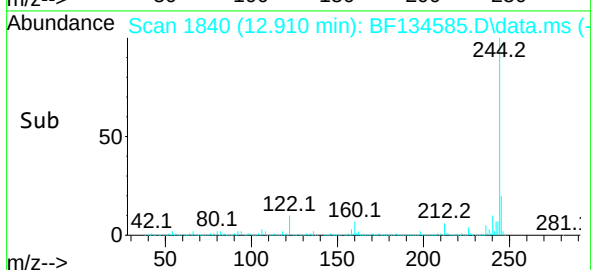
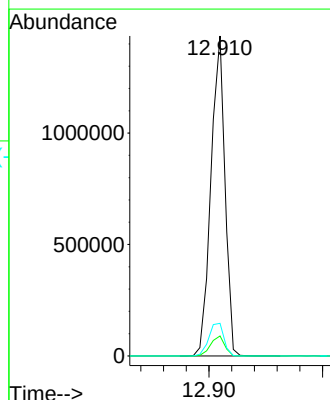
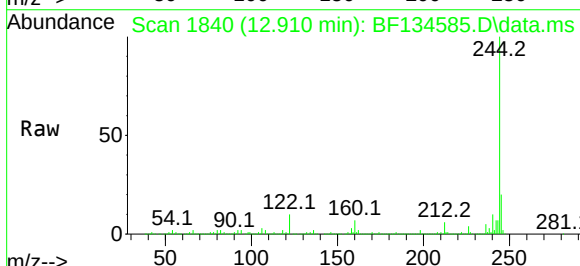
Tgt Ion:244 Resp: 1227140

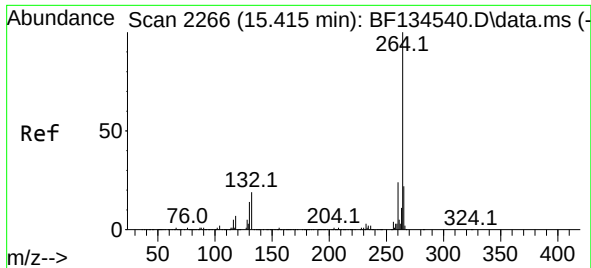
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

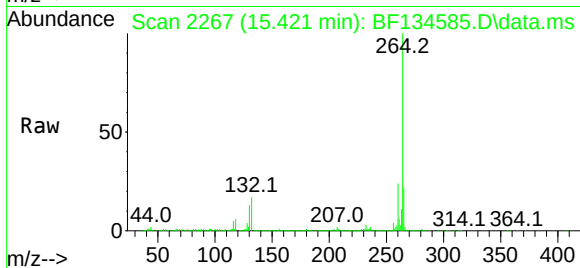
122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134585.D
 Acq: 02 Aug 2023 18:01

Instrument :
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Tgt Ion:264 Resp: 277479
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.7 15.8 23.8

