

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134625.D
 Acq On : 04 Aug 2023 11:11
 Operator : CG\JU
 Sample : 03756-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-10-CS-10

Quant Time: Aug 05 00:04:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164443	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	662704	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	324017	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	521720	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	326868	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	402203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	877933	81.156	ng	0.00
7) Phenol-d6	6.428	99	1122259	81.155	ng	-0.01
23) Nitrobenzene-d5	7.357	82	642421	60.580	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	265358	80.337	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1222442	62.730	ng	-0.01
79) Terphenyl-d14	12.910	244	997287	53.786	ng	-0.01

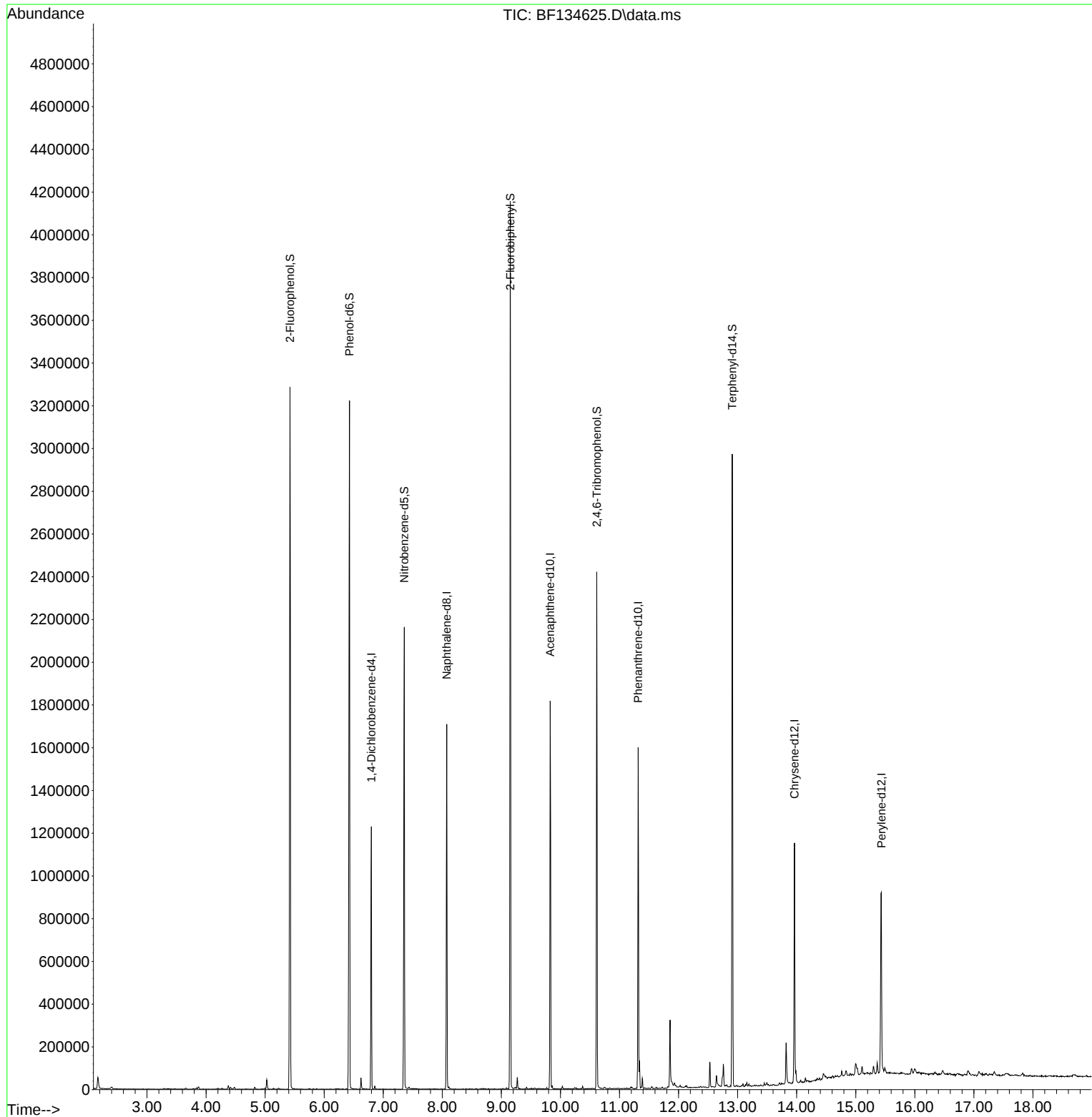
Target Compounds	Qvalue

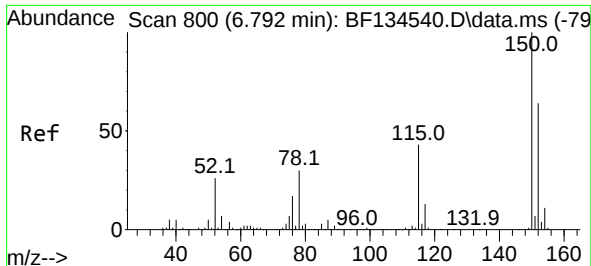
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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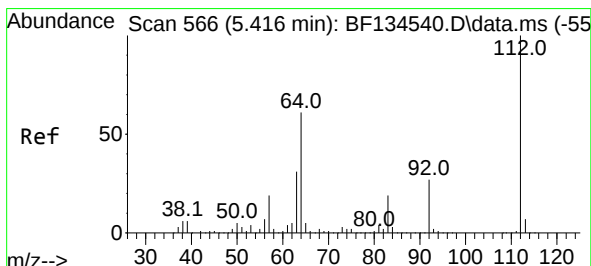
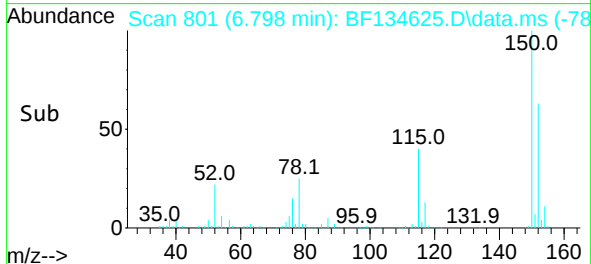
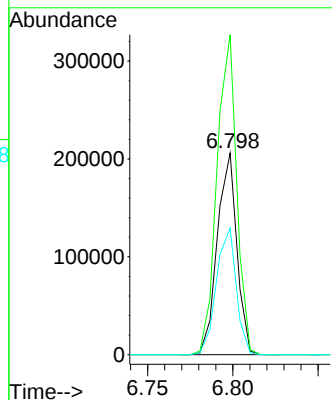
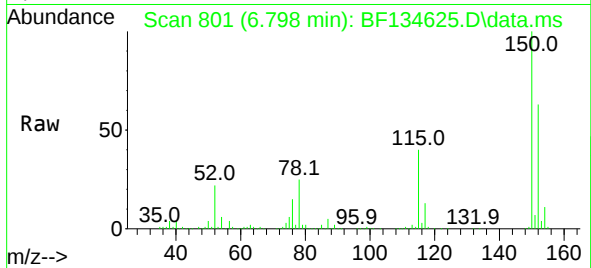




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

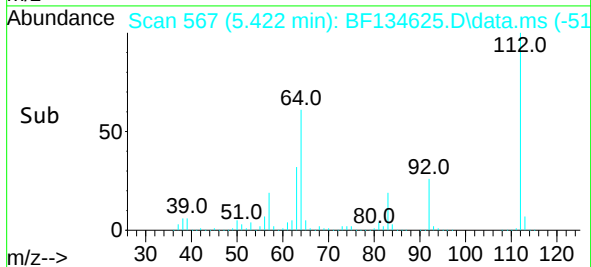
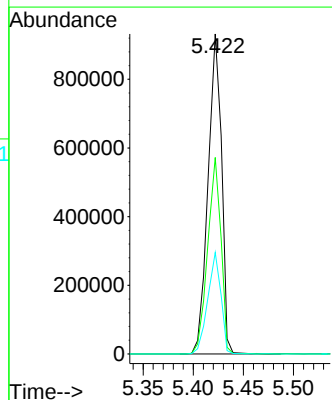
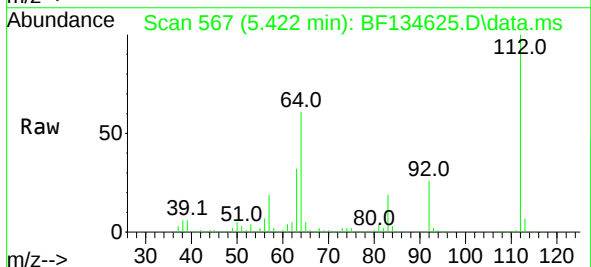
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion:152 Resp: 164443
Ion Ratio Lower Upper
152 100
150 158.7 128.3 192.5
115 62.9 52.4 78.6



#5
2-Fluorophenol
Concen: 81.156 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion:112 Resp: 877933
Ion Ratio Lower Upper
112 100
64 61.4 44.9 67.3
63 31.7 25.4 38.0

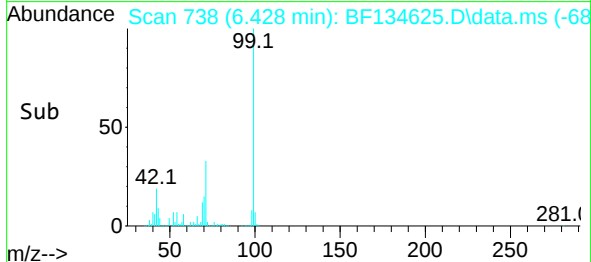
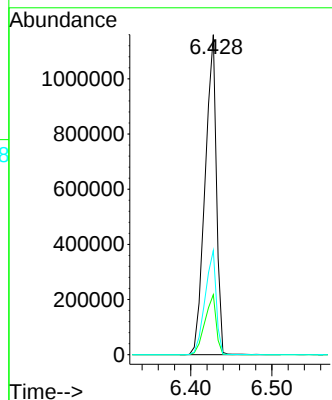
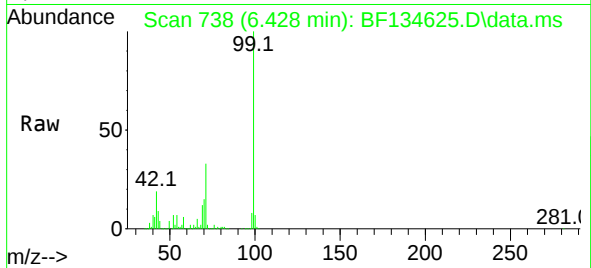




#7
Phenol-d6
Concen: 81.155 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

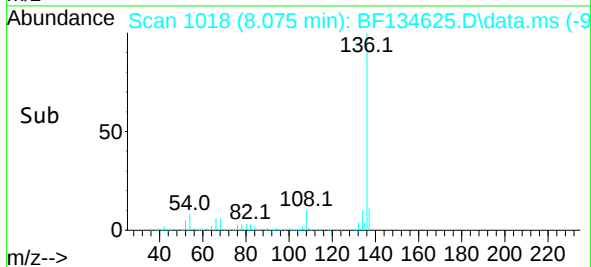
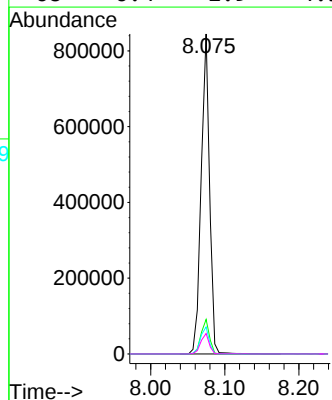
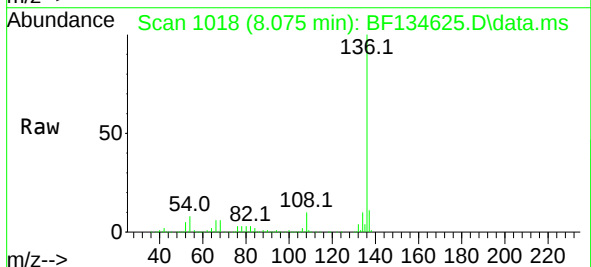
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

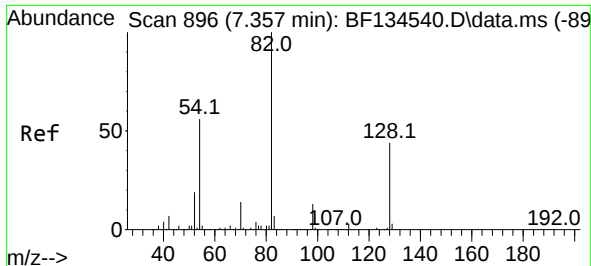
Tgt Ion: 99 Resp: 1122259
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 32.5 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion: 136 Resp: 662704
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 60.580 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10

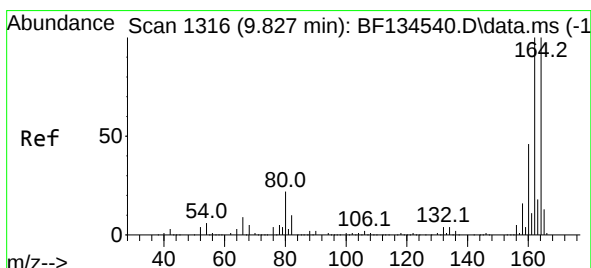
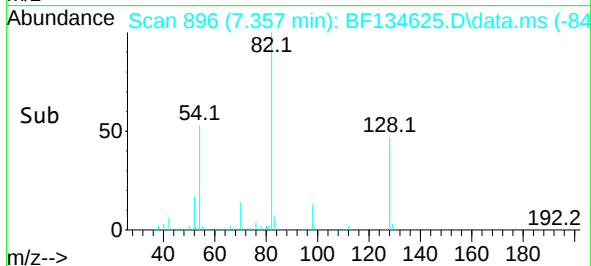
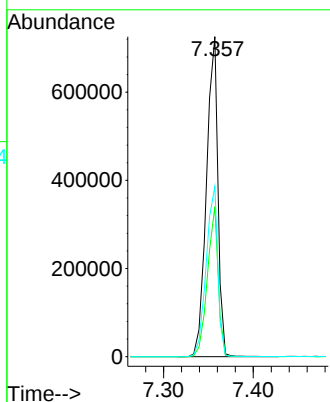
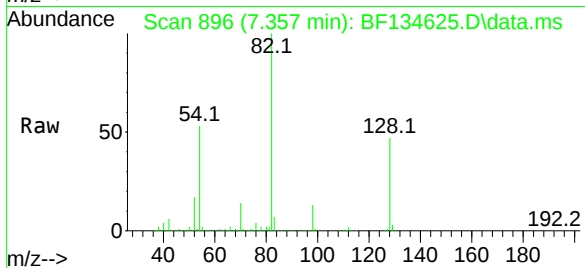
Tgt Ion: 82 Resp: 642421

Ion Ratio Lower Upper

82 100

128 46.8 34.3 51.5

54 53.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

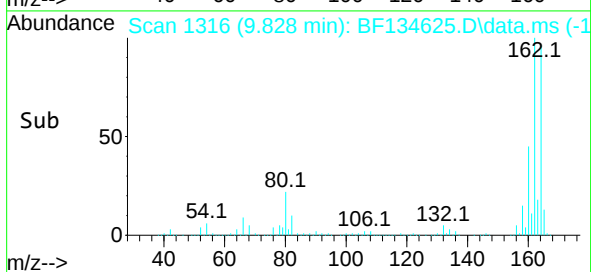
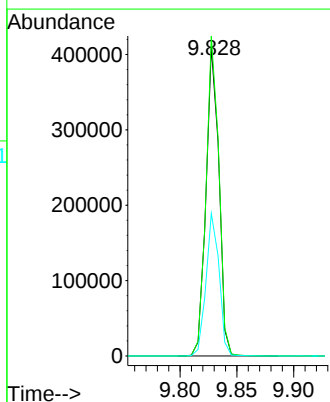
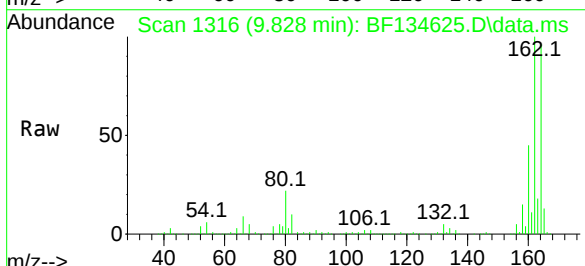
Tgt Ion: 164 Resp: 324017

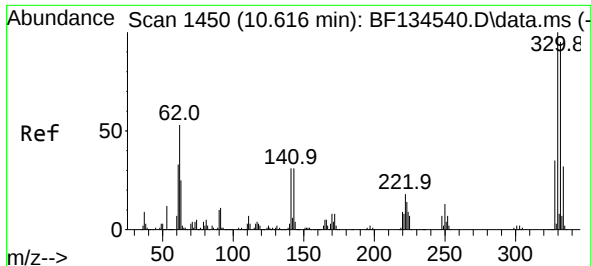
Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

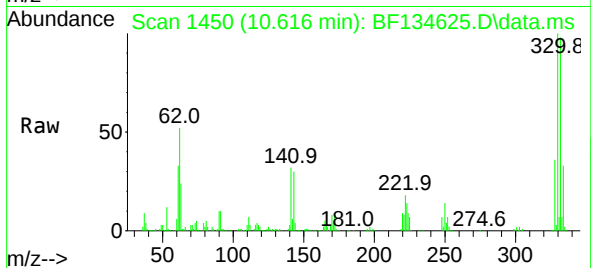
160 46.2 37.2 55.8



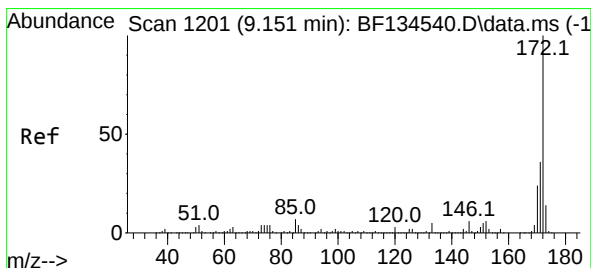
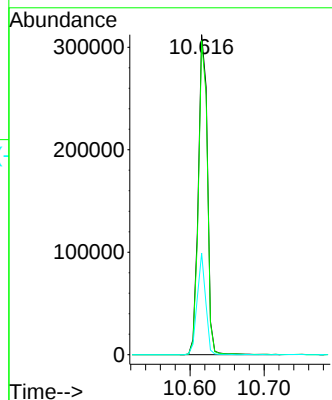
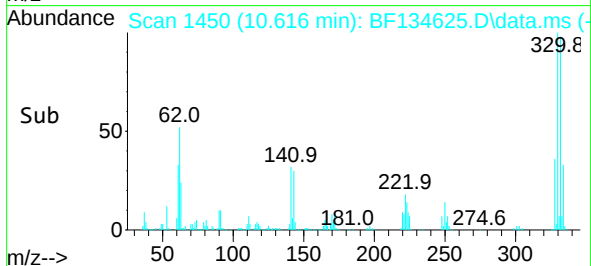


#42
2,4,6-Tribromophenol
Concen: 80.337 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

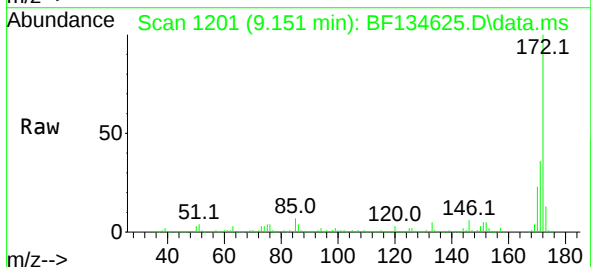
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10



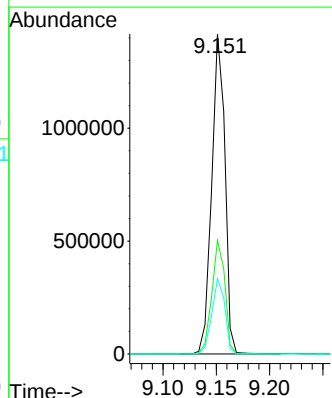
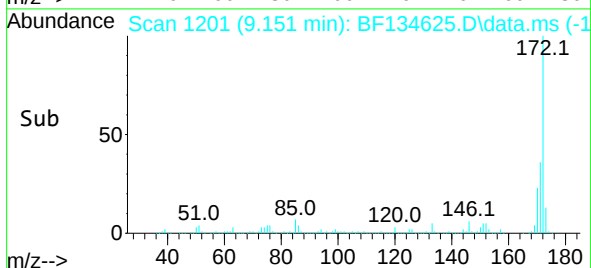
Tgt Ion:330 Resp: 265358
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 29.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.730 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11



Tgt Ion:172 Resp: 1222442
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.5 18.7 28.1

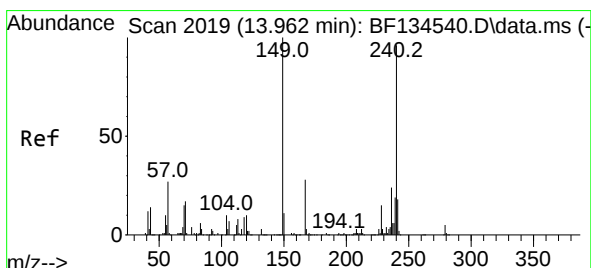
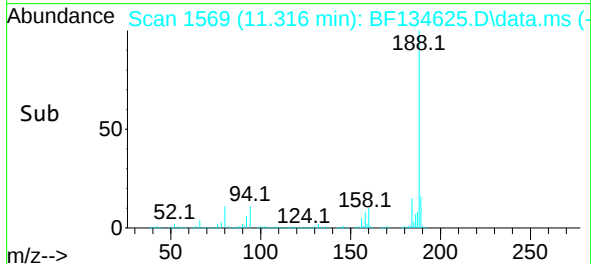
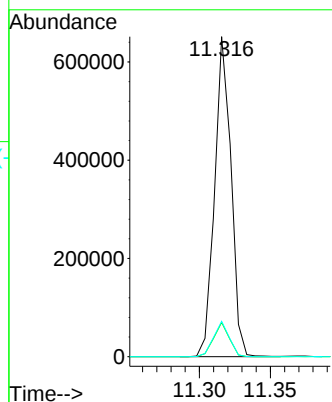
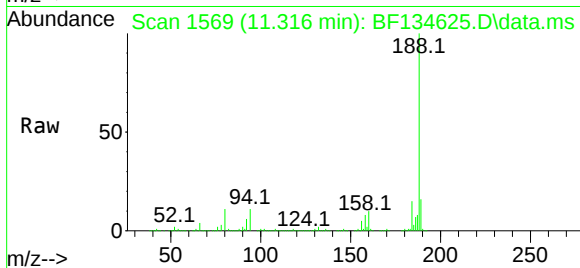




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

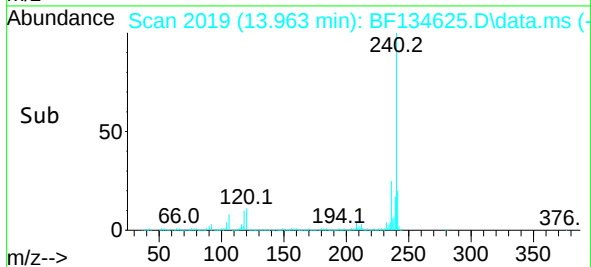
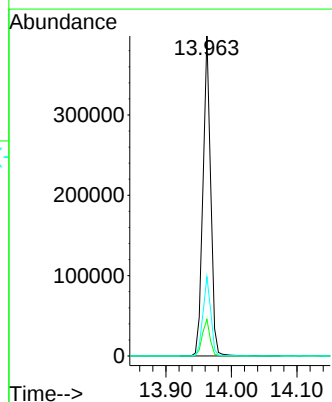
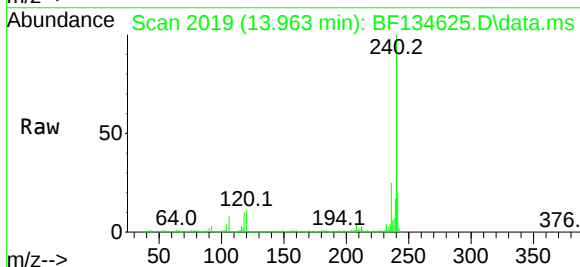
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

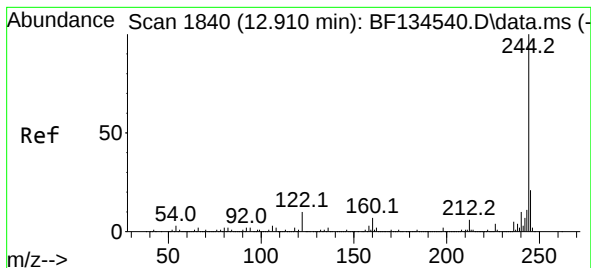
Tgt Ion:188 Resp: 521720
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134625.D
Acq: 04 Aug 2023 11:11

Tgt Ion:240 Resp: 326868
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 24.7 20.2 30.2





#79

Terphenyl-d14

Concen: 53.786 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134625.D

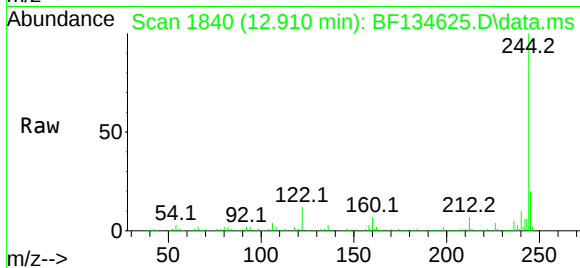
Acq: 04 Aug 2023 11:11

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10



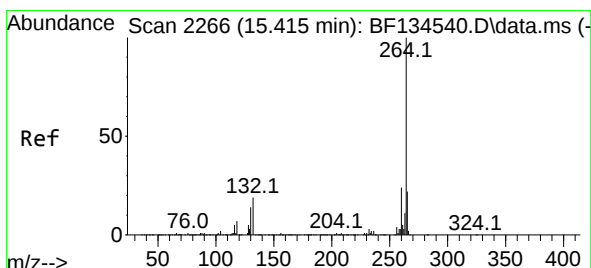
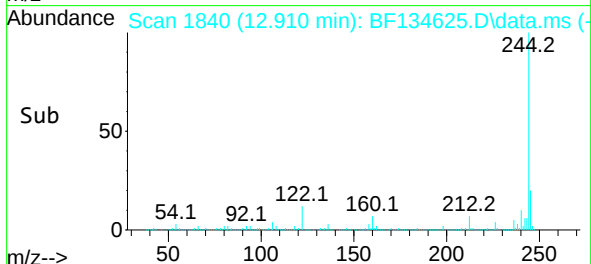
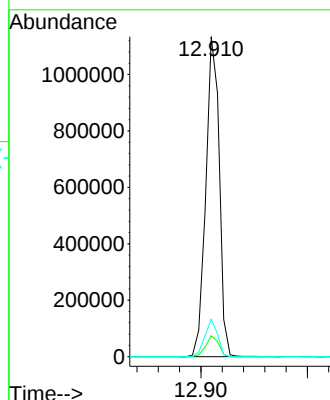
Tgt Ion:244 Resp: 997287

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134625.D

Acq: 04 Aug 2023 11:11

Tgt Ion:264 Resp: 402203

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 20.9 15.8 23.8

