

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134617.D
 Acq On : 03 Aug 2023 18:21
 Operator : CG\JU
 Sample : 03756-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-14-CS-14

Quant Time: Aug 04 01:10:25 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	161426	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	568180	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	246970	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	447453	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	248334	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	211813	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	643697	60.615	ng	0.00
7) Phenol-d6	6.428	99	787249	57.993	ng	0.00
23) Nitrobenzene-d5	7.357	82	420089	46.205	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	161897	64.305	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	750310	50.514	ng	0.00
79) Terphenyl-d14	12.910	244	754004	53.525	ng	0.00

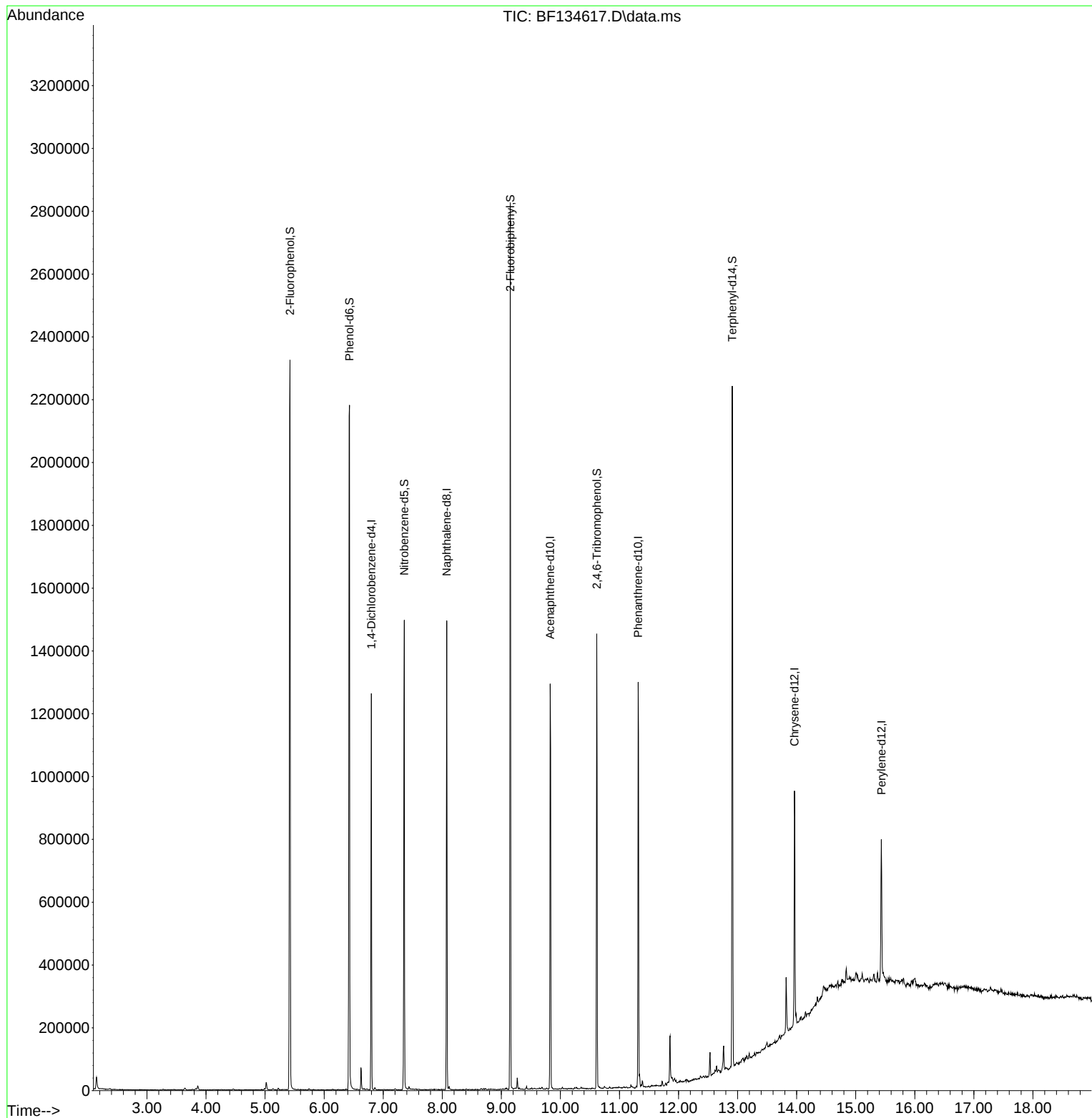
Target Compounds	Qvalue

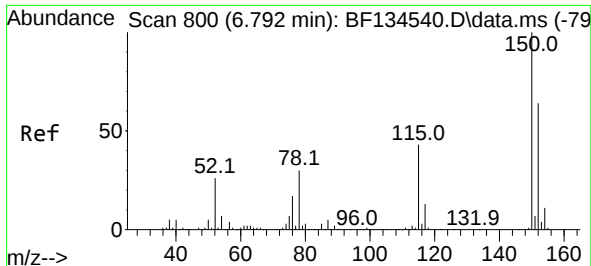
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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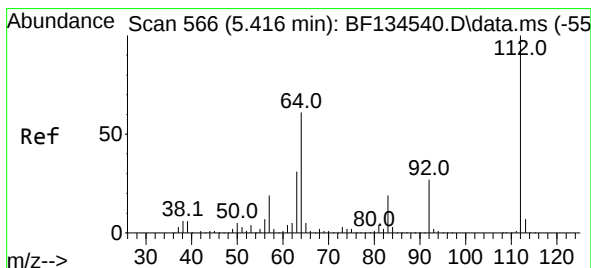
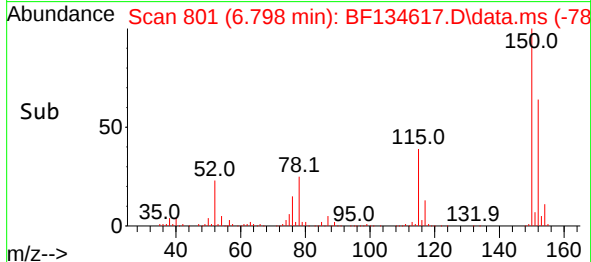
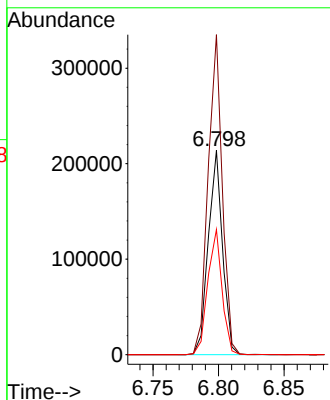
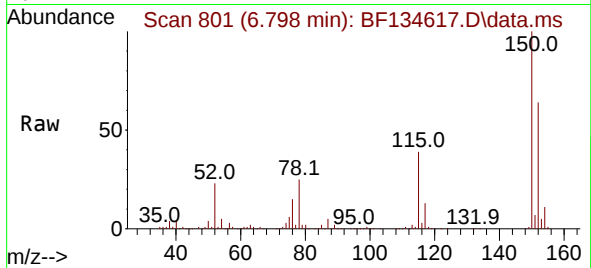




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

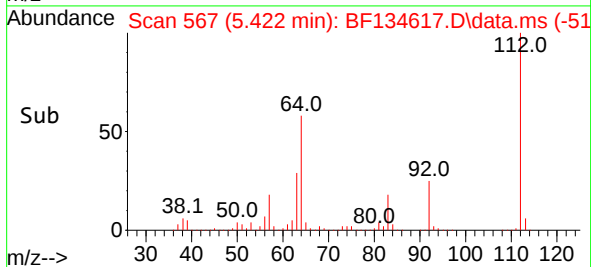
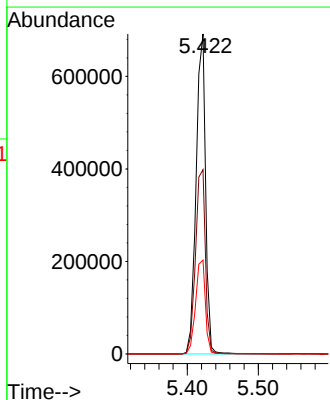
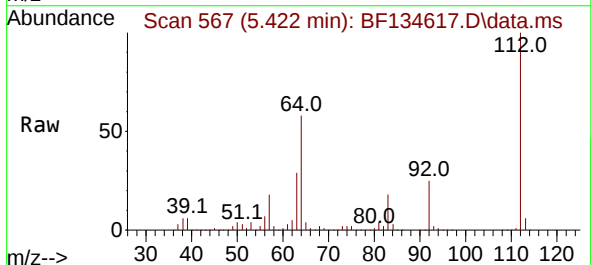
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14

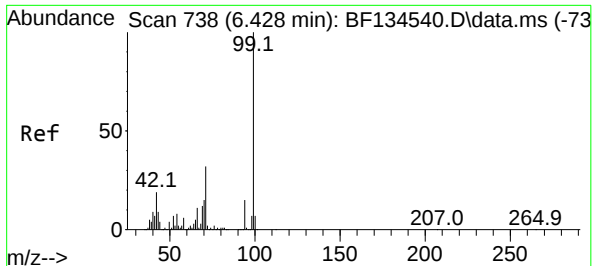
Tgt Ion:152 Resp: 161426
Ion Ratio Lower Upper
152 100
150 156.7 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 60.615 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

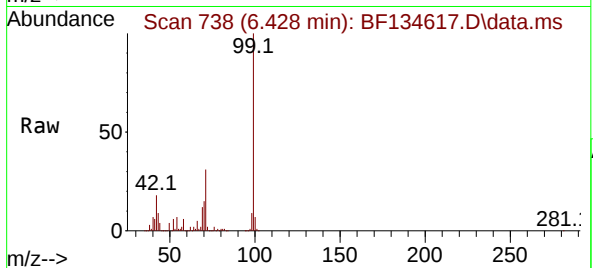
Tgt Ion:112 Resp: 643697
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 29.4 25.4 38.0



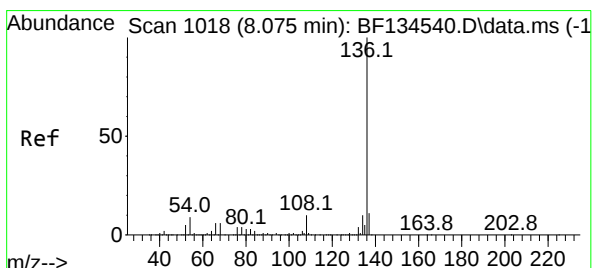
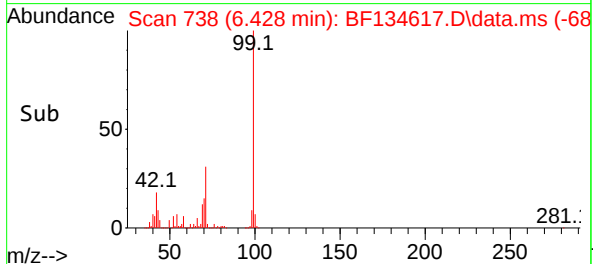
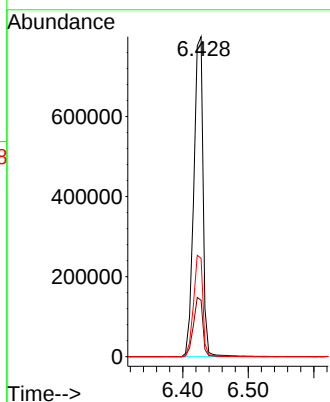


#7
Phenol-d6
Concen: 57.993 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14

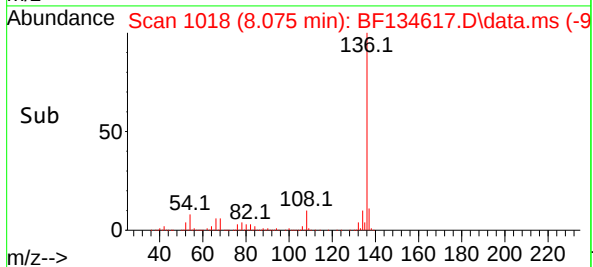
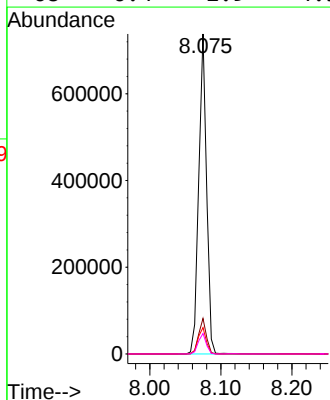
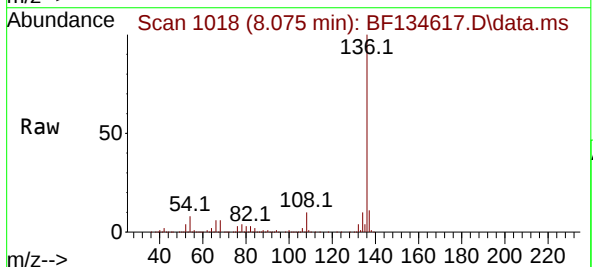


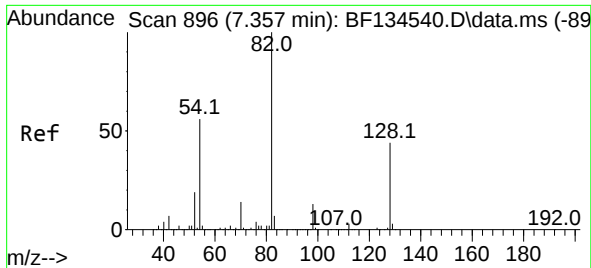
Tgt Ion: 99 Resp: 787249
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 30.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

Tgt Ion: 136 Resp: 568180
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.2 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 46.205 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134617.D

Acq: 03 Aug 2023 18:21

Instrument :

BNA_F

ClientSampleId :

RPTP-14-CS-14

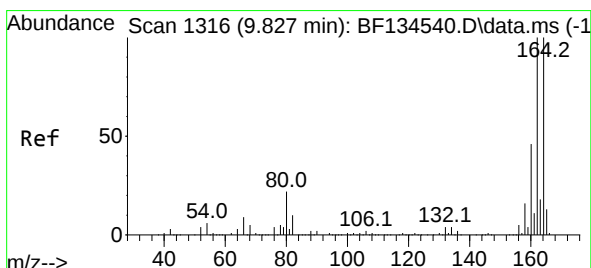
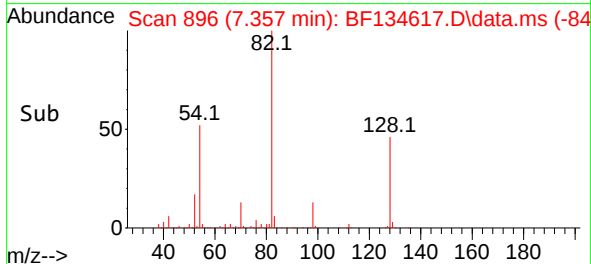
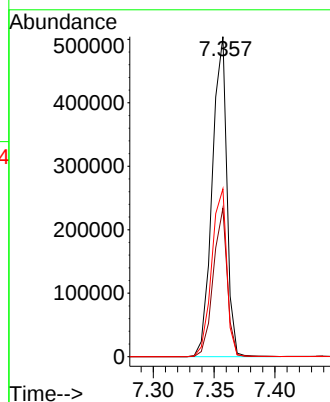
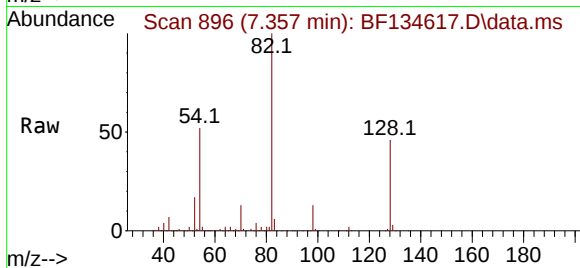
Tgt Ion: 82 Resp: 420089

Ion Ratio Lower Upper

82 100

128 46.4 34.3 51.5

54 52.5 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: BF134617.D

Acq: 03 Aug 2023 18:21

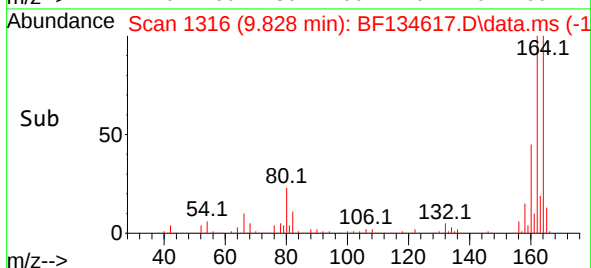
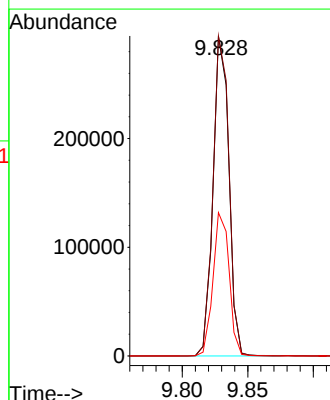
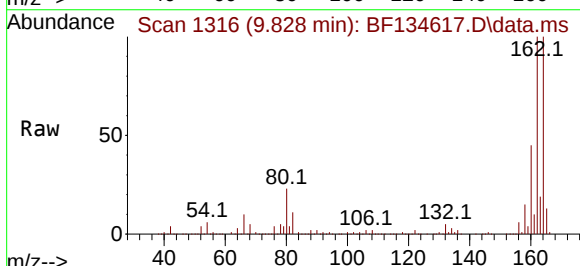
Tgt Ion:164 Resp: 246970

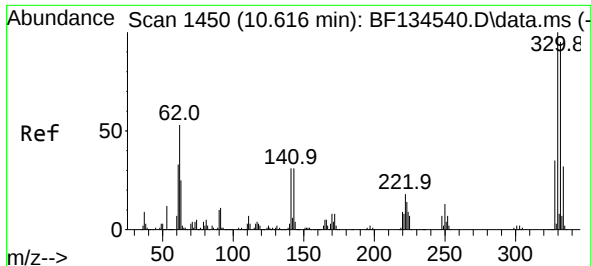
Ion Ratio Lower Upper

164 100

162 100.1 82.6 123.8

160 44.9 37.2 55.8

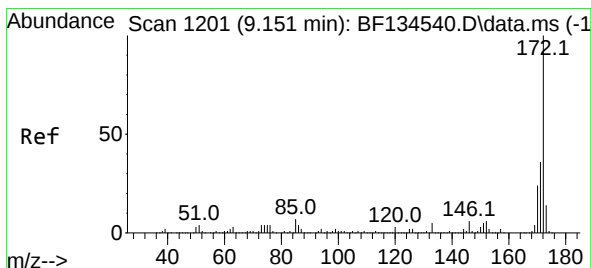
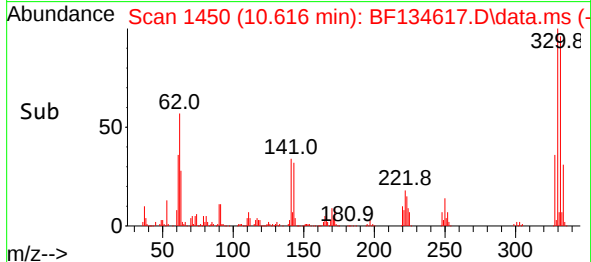
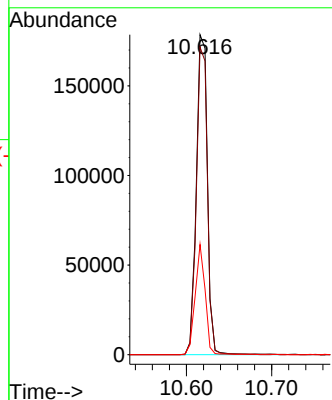
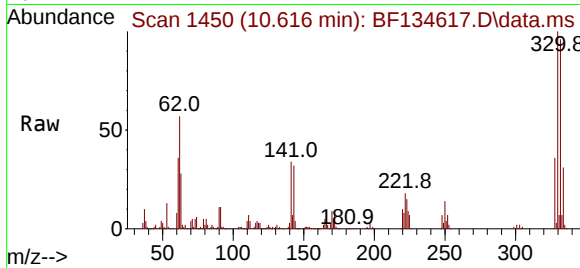




#42
 2,4,6-Tribromophenol
 Concen: 64.305 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134617.D
 Acq: 03 Aug 2023 18:21

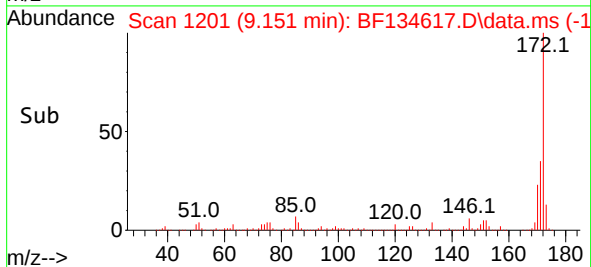
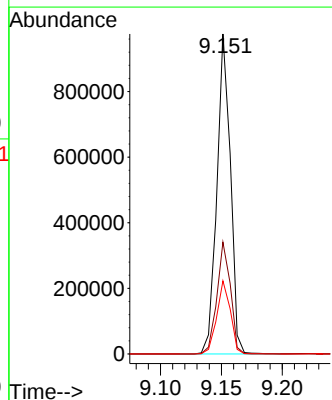
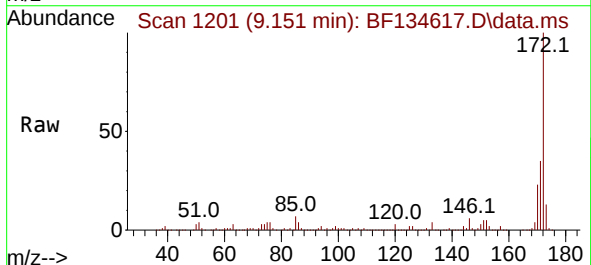
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Tgt Ion:330 Resp: 161897
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.8 118.2
 141 30.9 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 50.514 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134617.D
 Acq: 03 Aug 2023 18:21

Tgt Ion:172 Resp: 750310
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.8 43.2
 170 22.8 18.7 28.1

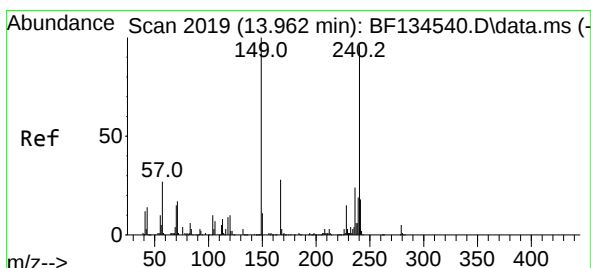
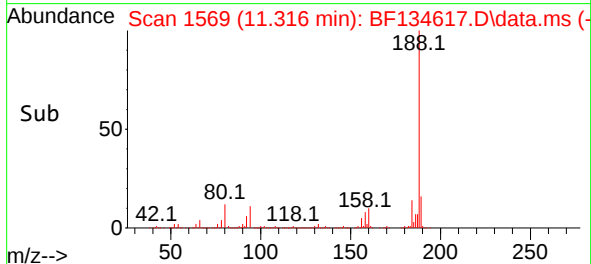
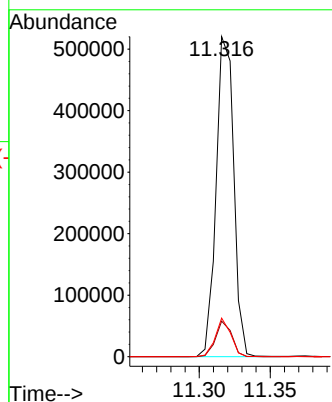
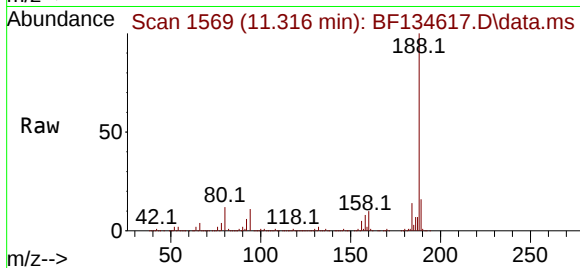




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

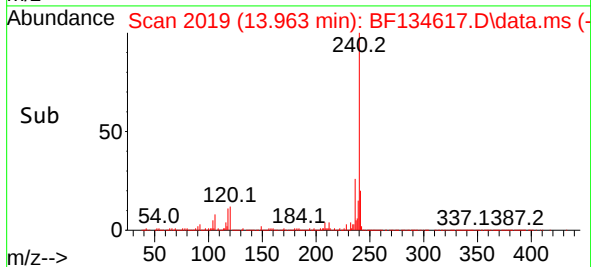
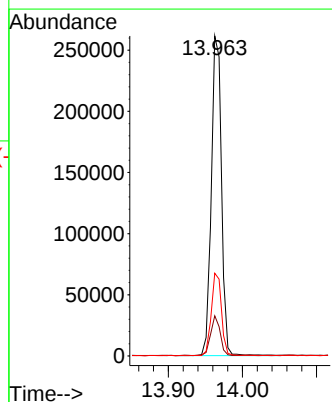
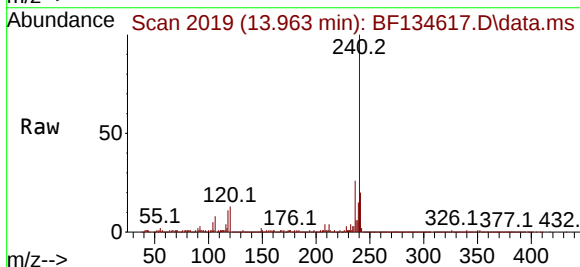
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14

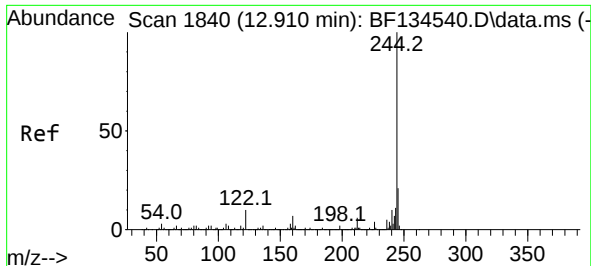
Tgt Ion:188 Resp: 447453
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7#
80 12.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134617.D
Acq: 03 Aug 2023 18:21

Tgt Ion:240 Resp: 248334
Ion Ratio Lower Upper
240 100
120 12.6 6.6 10.0#
236 25.9 20.2 30.2

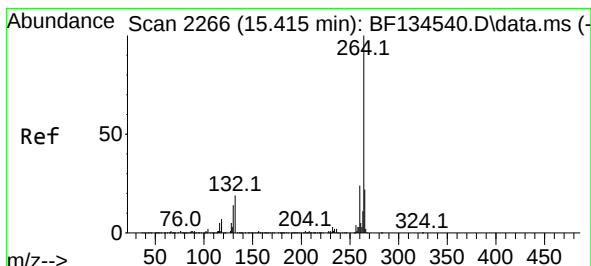
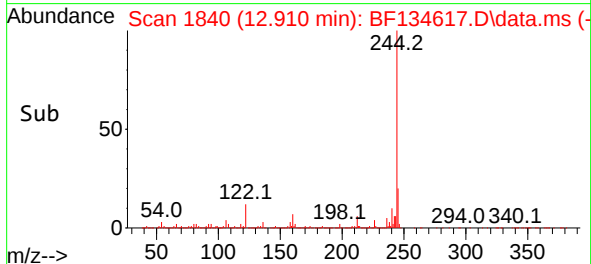
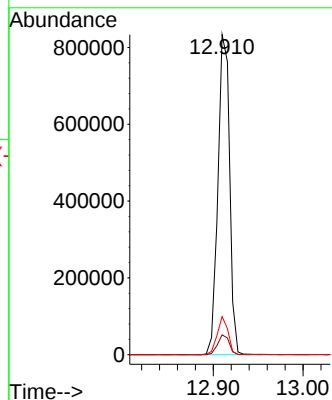
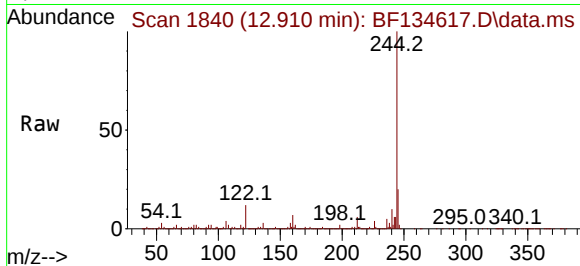




#79
 Terphenyl-d14
 Concen: 53.525 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134617.D
 Acq: 03 Aug 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-14-CS-14

Tgt Ion:244 Resp: 754004
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 11.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. 0.018 min
 Lab File: BF134617.D
 Acq: 03 Aug 2023 18:21

Tgt Ion:264 Resp: 211813
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.4 15.8 23.8

