

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134584.D
 Acq On : 02 Aug 2023 17:27
 Operator : CG\JU
 Sample : 03681-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-6-CS-6

Quant Time: Aug 03 01:48:38 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)

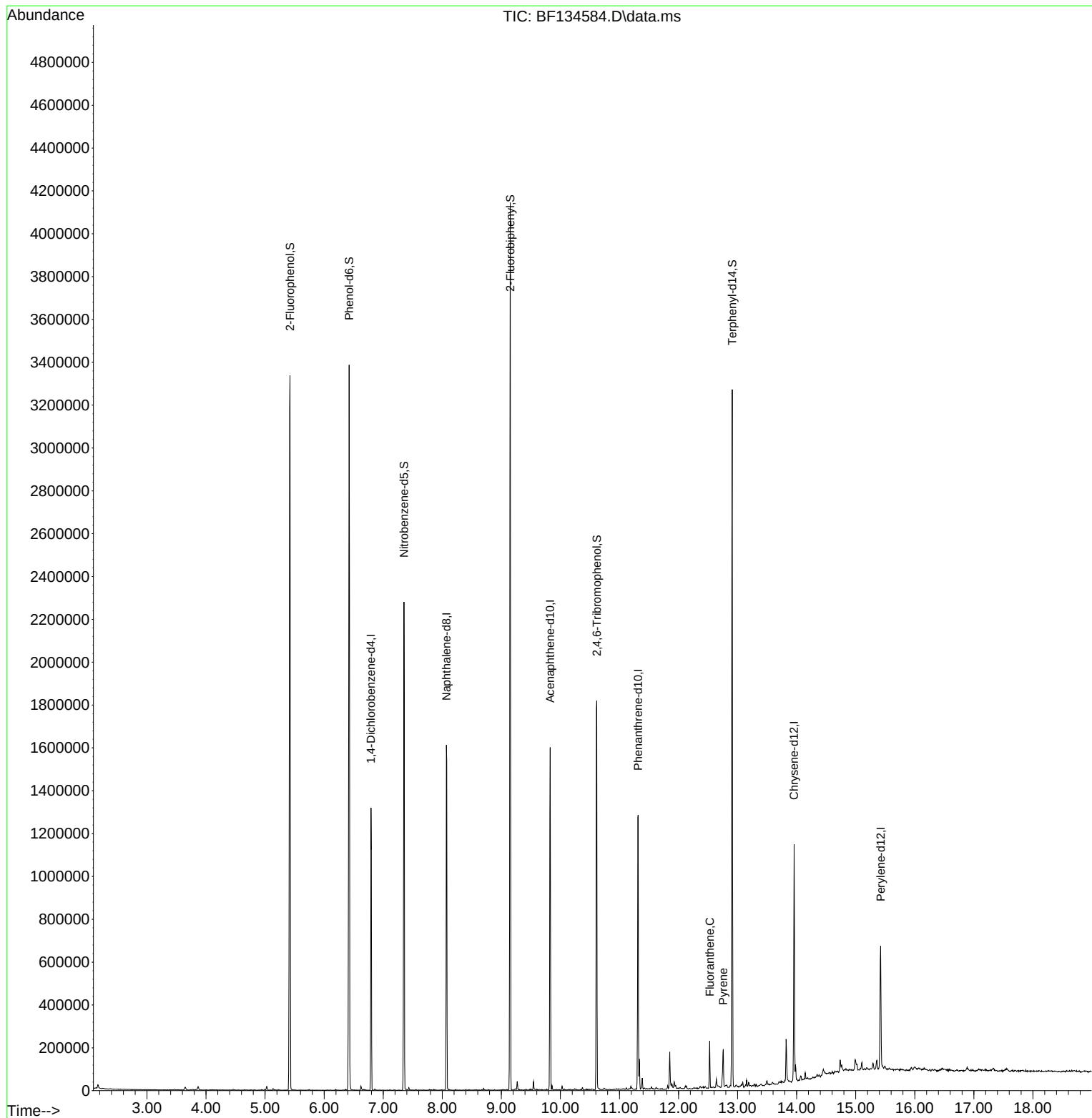
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	182118	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	691406	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	296323	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	471805	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	329005	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	261625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	962715	80.356	ng	0.00
7) Phenol-d6	6.422	99	1190636	77.743	ng	0.00
23) Nitrobenzene-d5	7.351	82	686358	62.036	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	224965	74.474	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1154598	64.785	ng	0.00
79) Terphenyl-d14	12.910	244	1072484	57.466	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.527	202	77613	2.932	ng	98
78) Pyrene	12.757	202	71550	2.513	ng	97

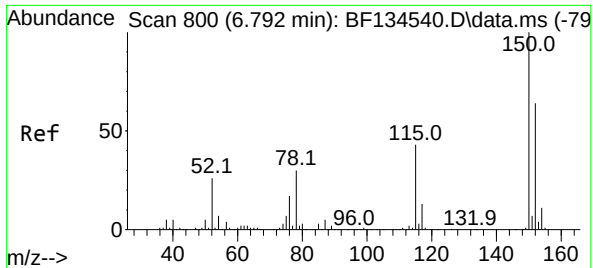
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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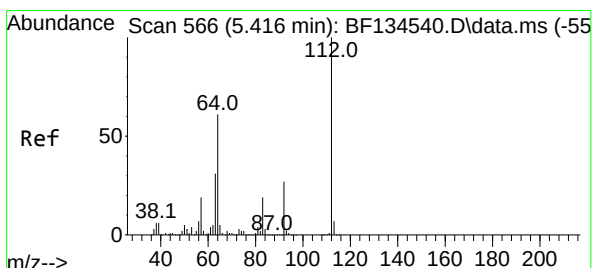
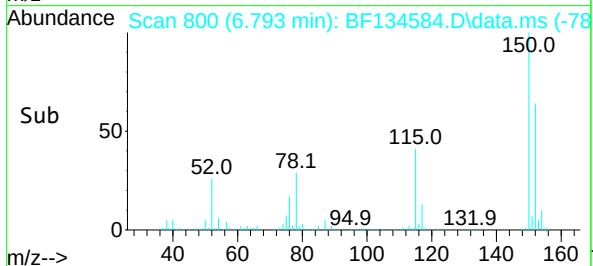
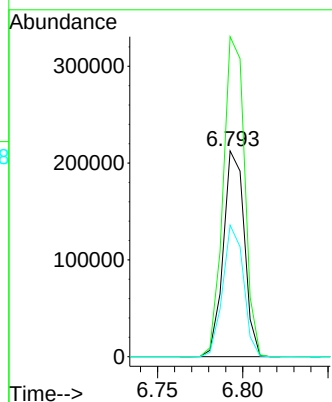
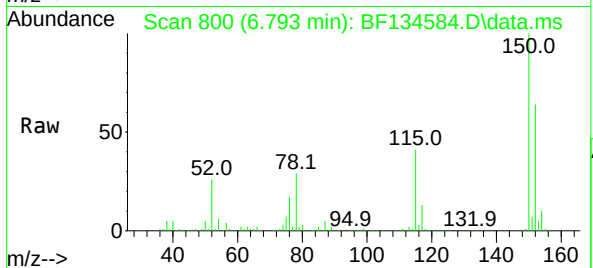




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27

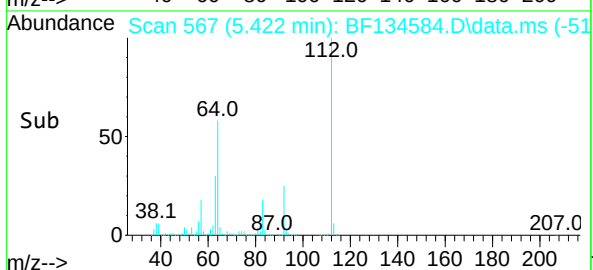
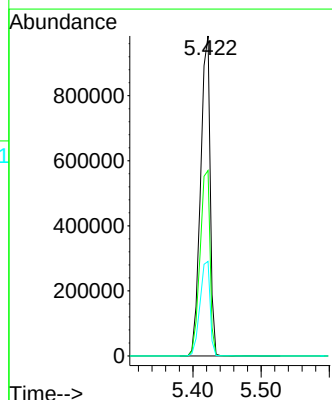
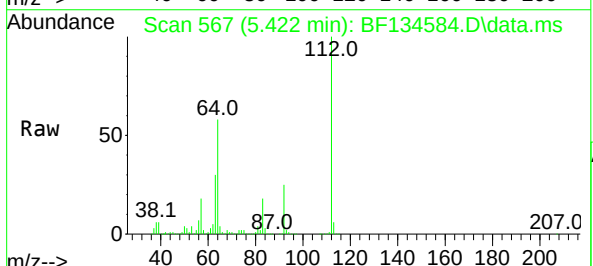
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-6-CS-6

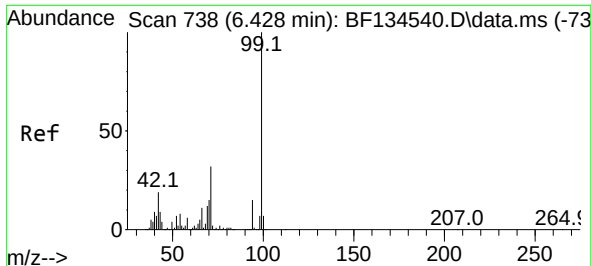
Tgt Ion:152 Resp: 182118
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.3 192.5
 115 63.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 80.356 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27

Tgt Ion:112 Resp: 962715
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.9 67.3
 63 29.6 25.4 38.0

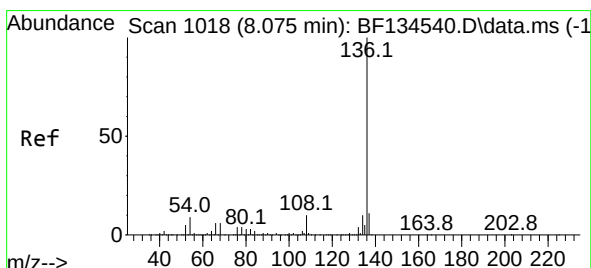
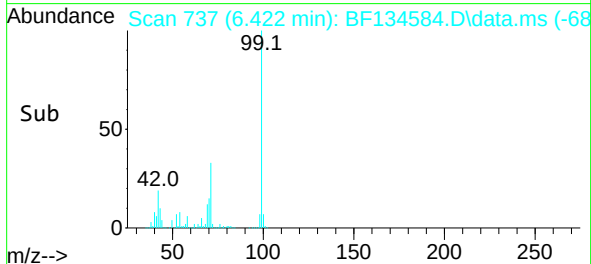
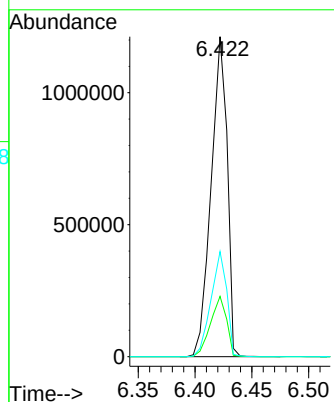
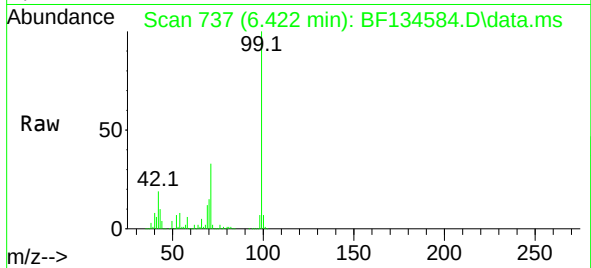




#7
Phenol-d6
Concen: 77.743 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

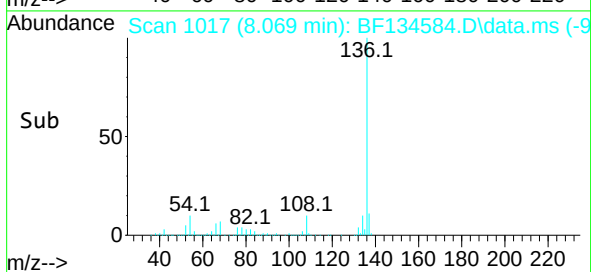
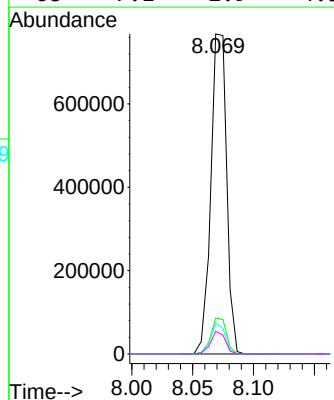
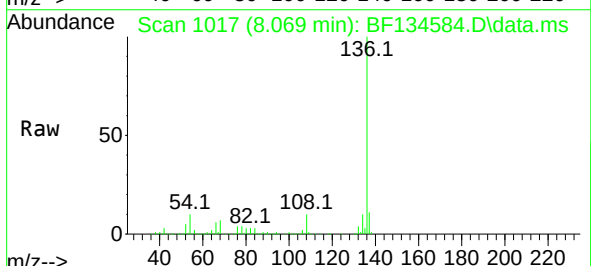
Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

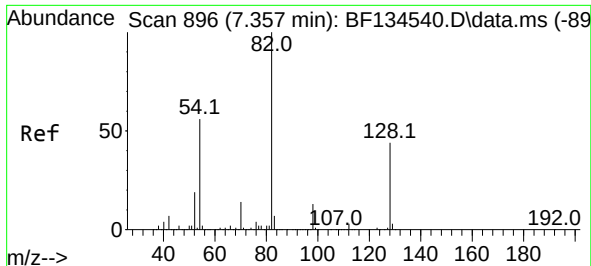
Tgt Ion: 99 Resp: 1190636
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 32.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion: 136 Resp: 691406
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.7 5.2 7.8#
68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 62.036 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

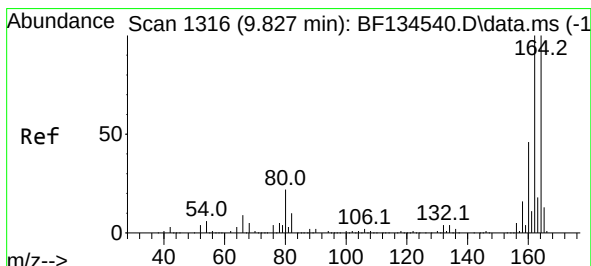
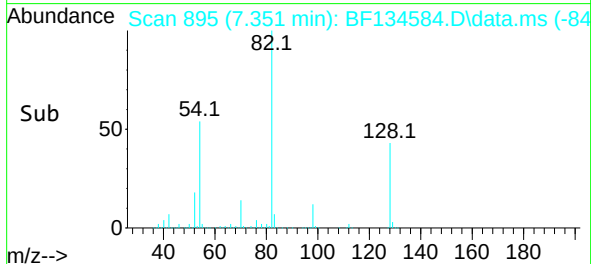
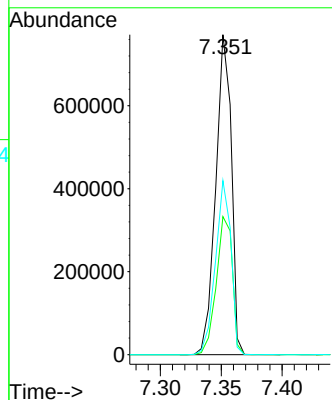
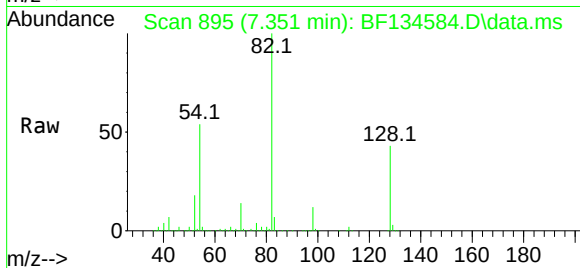
BNA_F

ClientSampleId :

RPTP-6-CS-6

Tgt Ion: 82 Resp: 686358

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.3	51.5
54	54.4	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

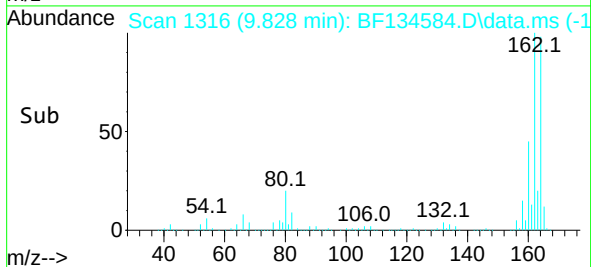
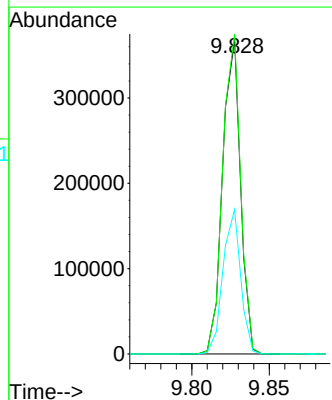
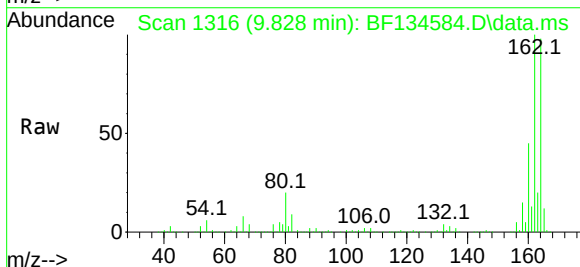
Delta R.T. 0.000 min

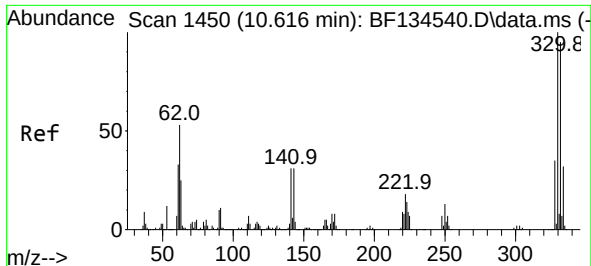
Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

Tgt Ion: 164 Resp: 296323

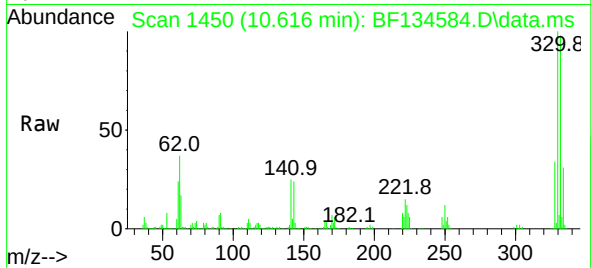
Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	46.0	37.2	55.8



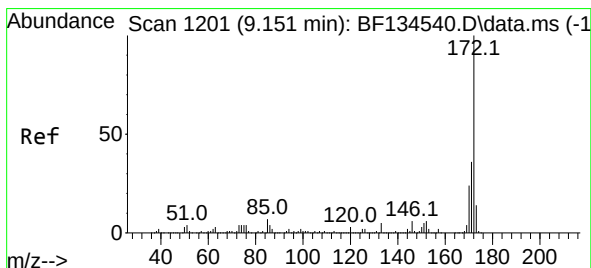
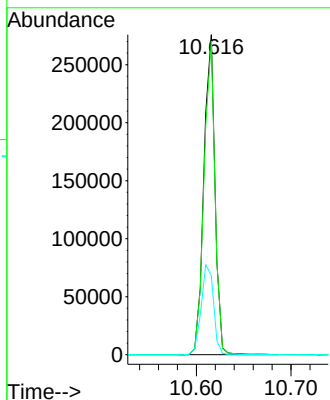
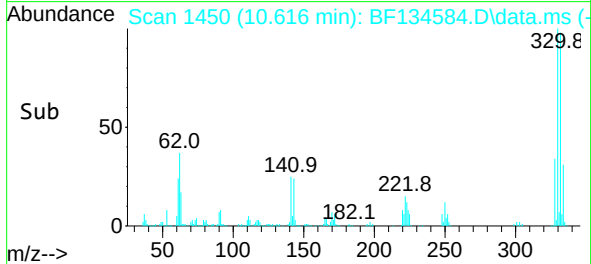


#42
 2,4,6-Tribromophenol
 Concen: 74.474 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27

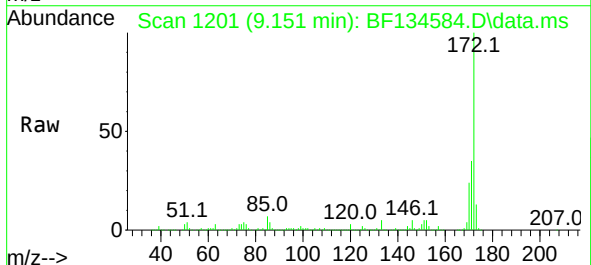
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-6-CS-6



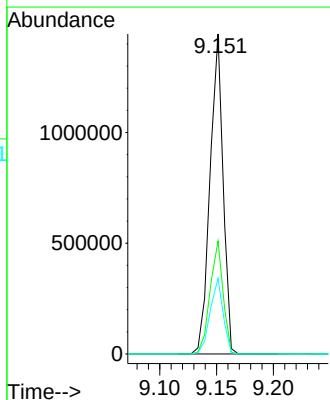
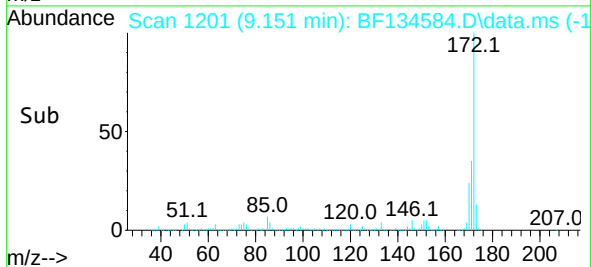
Tgt Ion:330 Resp: 224965
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.8 118.2
 141 31.3 25.4 38.2

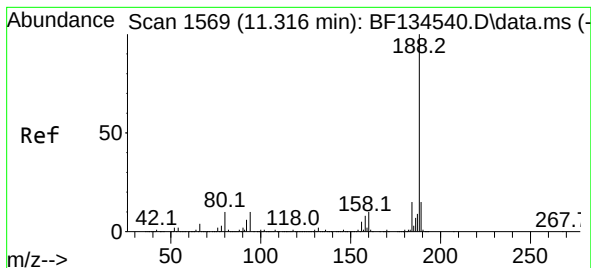


#45
 2-Fluorobiphenyl
 Concen: 64.785 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF134584.D
 Acq: 02 Aug 2023 17:27



Tgt Ion:172 Resp: 1154598
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.6 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: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

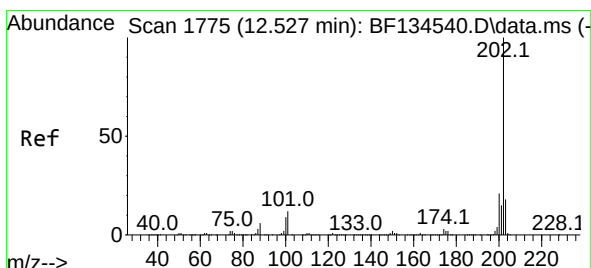
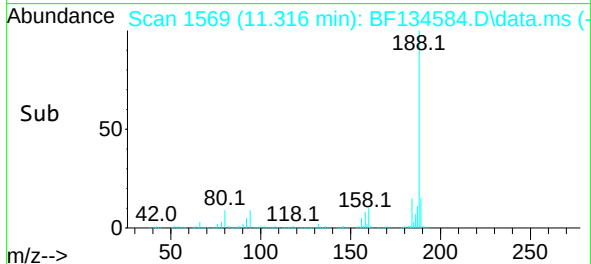
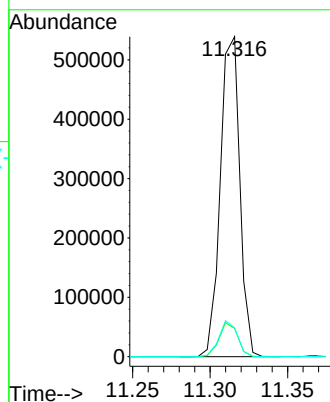
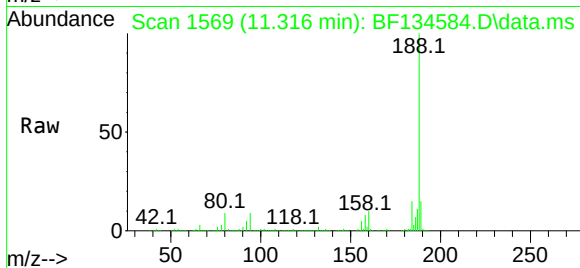
Tgt Ion:188 Resp: 471805

Ion Ratio Lower Upper

188 100

94 8.8 5.1 7.7#

80 9.1 6.6 9.8



#75

Fluoranthene

Concen: 2.932 ng

RT: 12.527 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

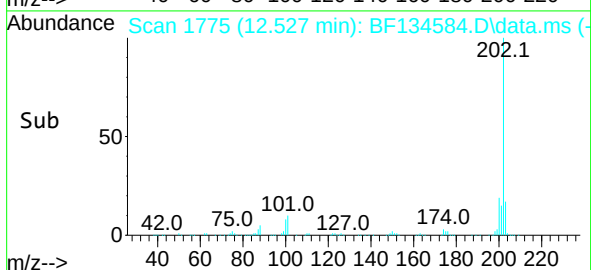
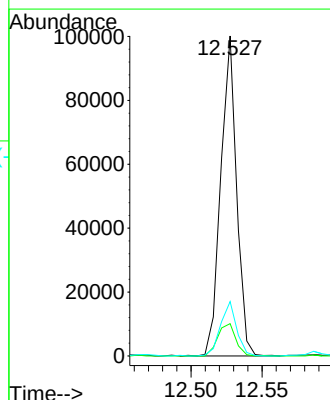
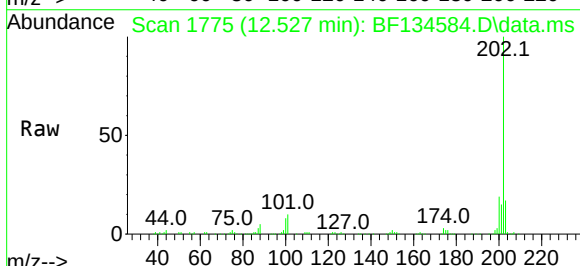
Tgt Ion:202 Resp: 77613

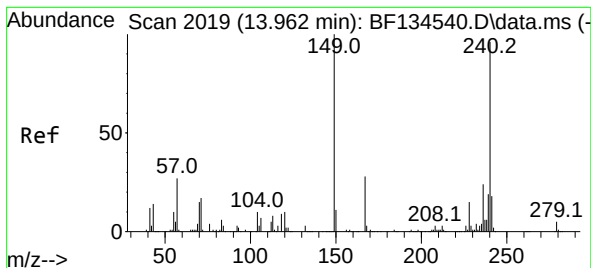
Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.5

203 17.0 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: BF134584.D

Acq: 02 Aug 2023 17:27

Instrument :

BNA_F

ClientSampleId :

RPTP-6-CS-6

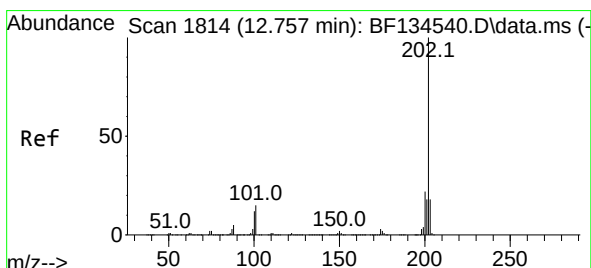
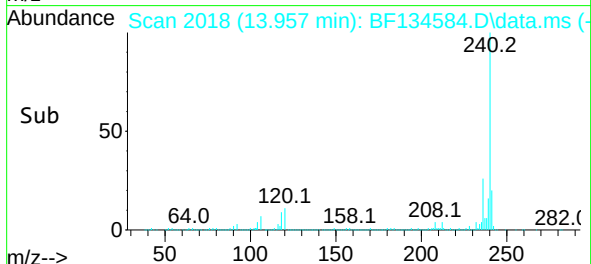
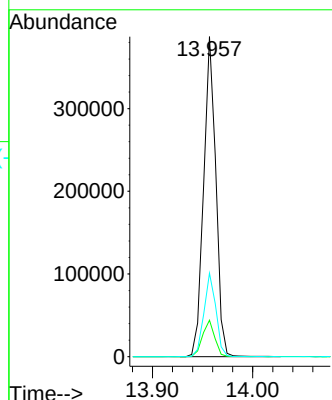
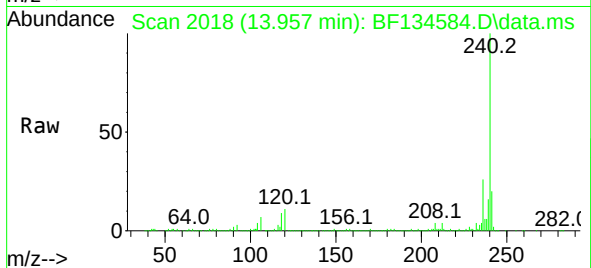
Tgt Ion:240 Resp: 329005

Ion Ratio Lower Upper

240 100

120 11.4 6.6 10.0#

236 26.1 20.2 30.2



#78

Pyrene

Concen: 2.513 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF134584.D

Acq: 02 Aug 2023 17:27

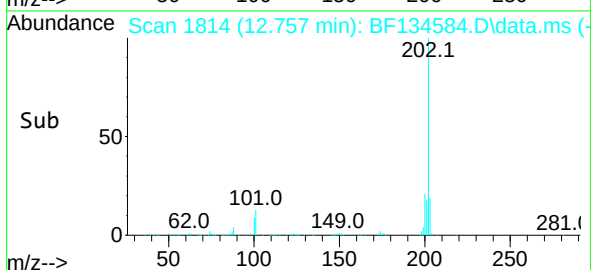
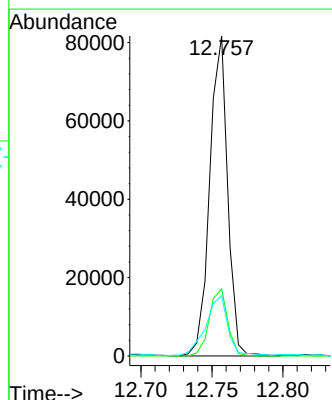
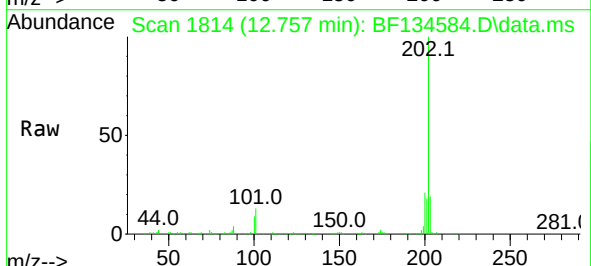
Tgt Ion:202 Resp: 71550

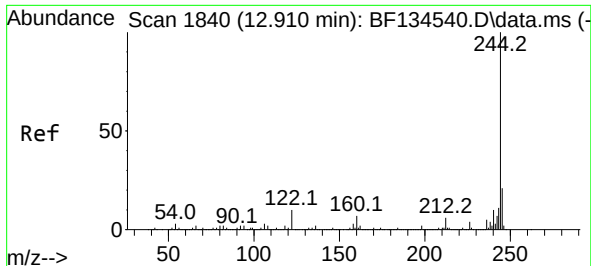
Ion Ratio Lower Upper

202 100

200 21.0 15.8 23.8

203 18.8 13.5 20.3

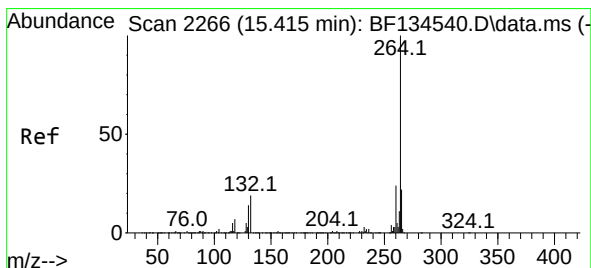
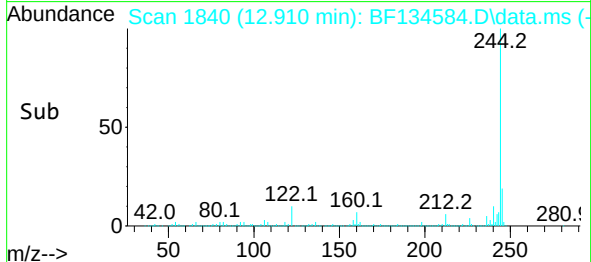
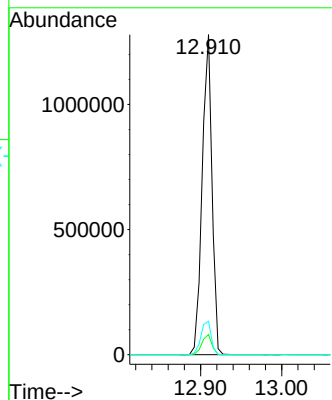
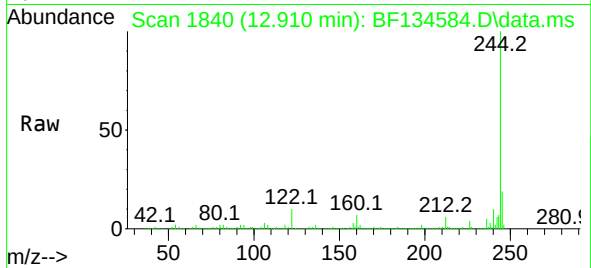




#79
Terphenyl-d14
Concen: 57.466 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134584.D
Acq: 02 Aug 2023 17:27

Instrument :
BNA_F
ClientSampleId :
RPTP-6-CS-6

Tgt Ion:244 Resp: 1072484
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.5 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: BF134584.D
Acq: 02 Aug 2023 17:27

Tgt Ion:264 Resp: 261625
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.1 15.8 23.8

