

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134569.D
 Acq On : 02 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154346BL

Quant Time: Aug 02 12:04:46 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	234698	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	938645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	474781	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	898115	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	724258	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	715428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1750621	113.385	ng	0.02
7) Phenol-d6	6.428	99	2237196	113.353	ng	0.00
23) Nitrobenzene-d5	7.357	82	1373524	91.446	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	635692	131.343	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2339597	81.933	ng	0.00
79) Terphenyl-d14	12.916	244	2803316	68.234	ng	0.00

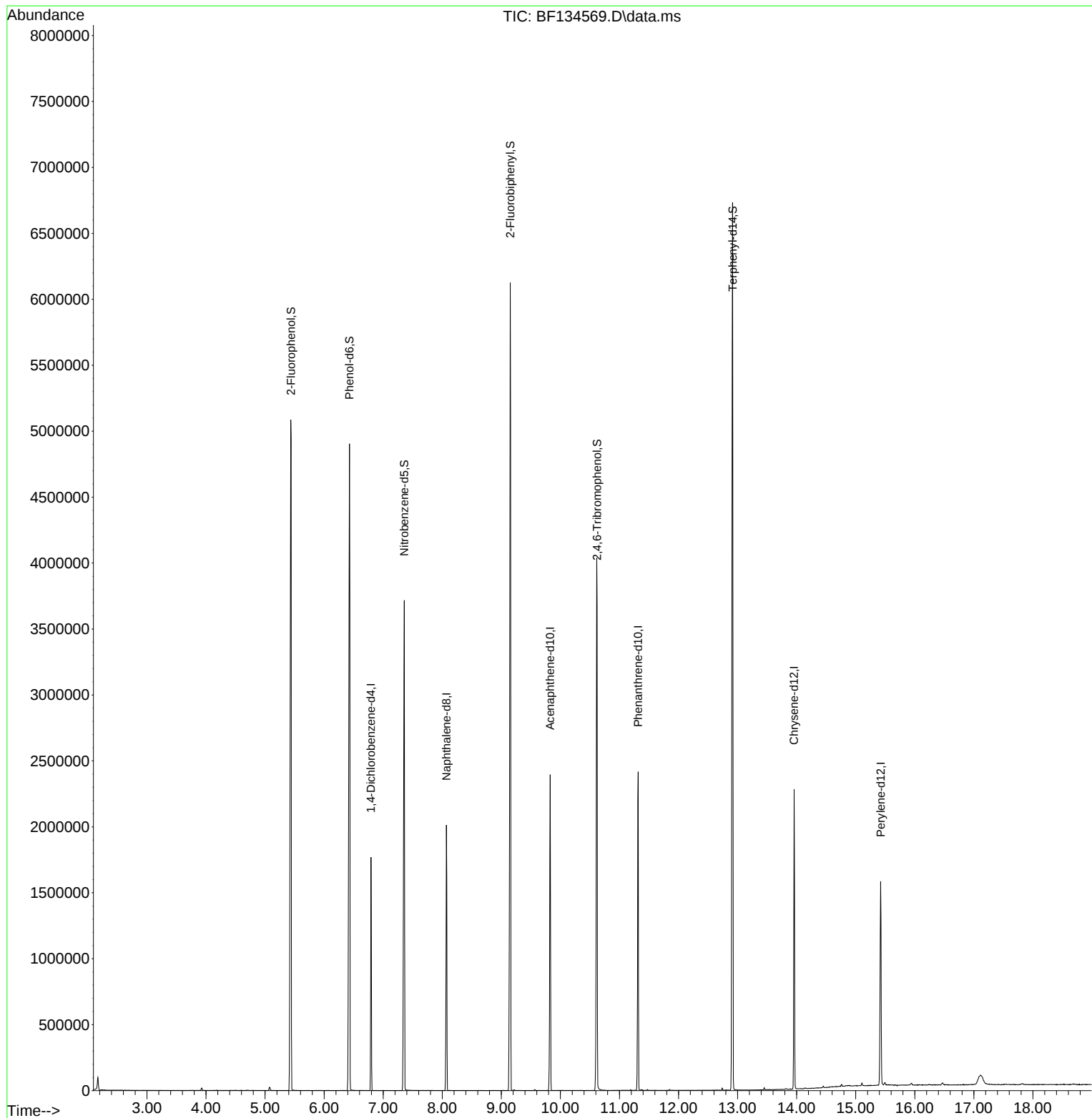
Target Compounds	Qvalue

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

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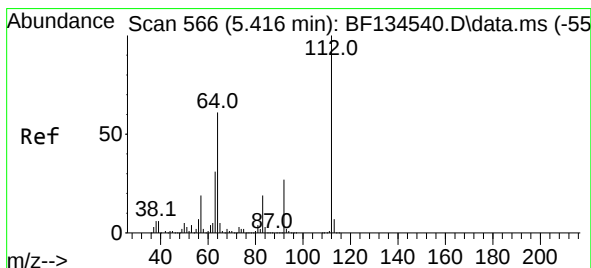
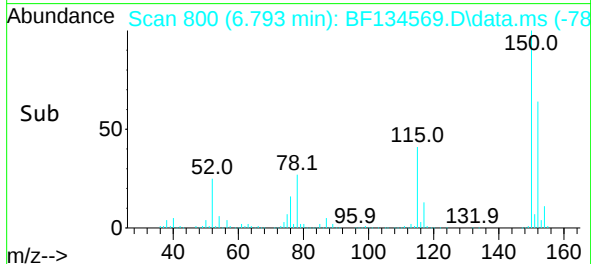
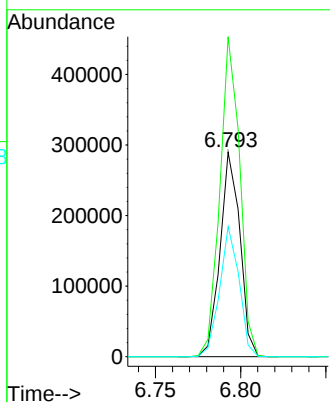
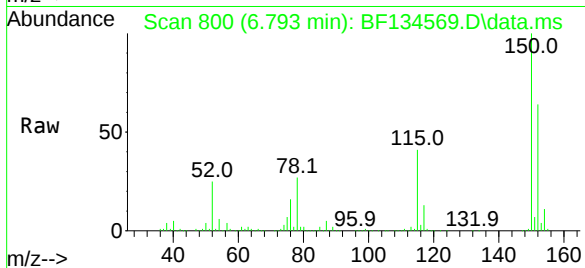




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

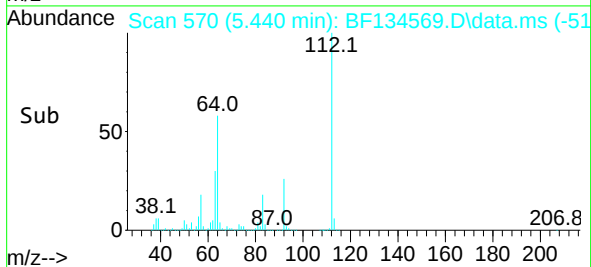
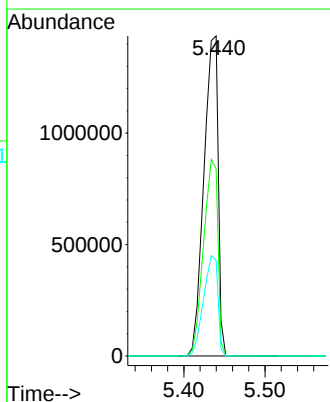
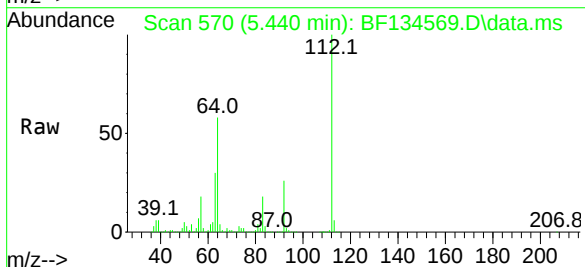
Instrument :
BNA_F
ClientSampleId :
PB154346BL

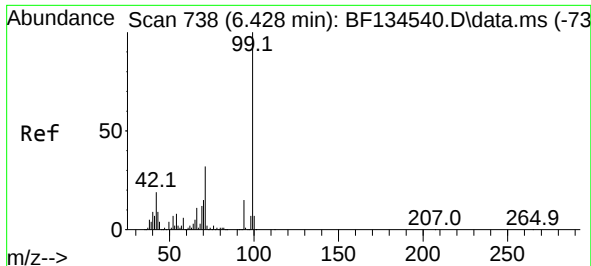
Tgt Ion:152 Resp: 234698
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 63.6 52.4 78.6



#5
2-Fluorophenol
Concen: 113.385 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:112 Resp: 1750621
Ion Ratio Lower Upper
112 100
64 58.5 44.9 67.3
63 29.9 25.4 38.0

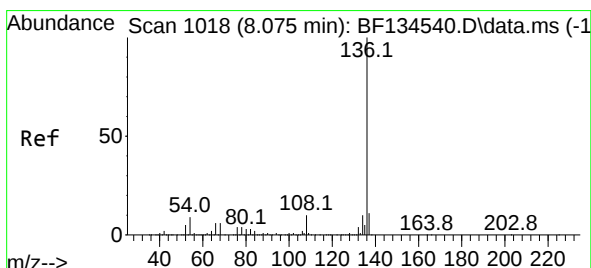
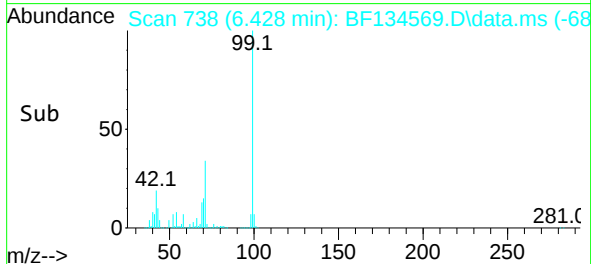
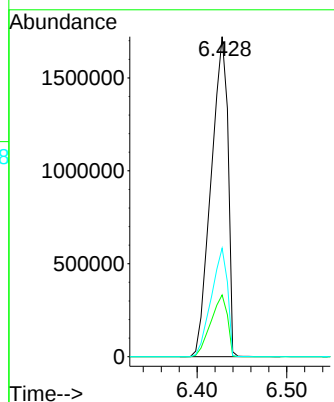
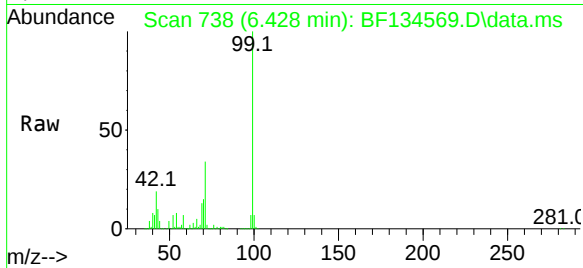




#7
Phenol-d6
Concen: 113.353 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

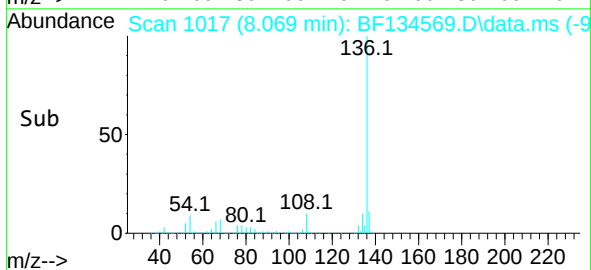
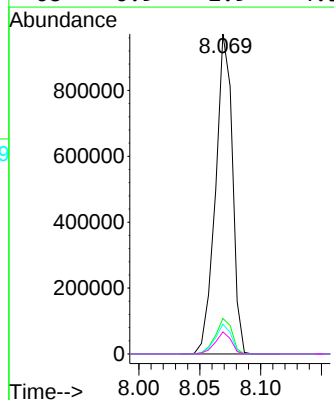
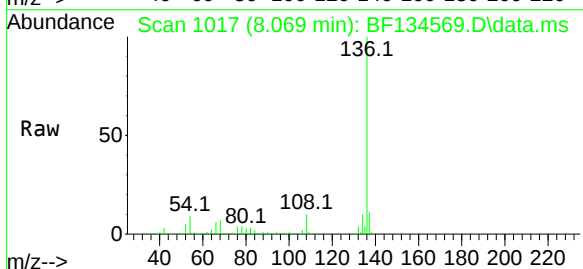
Instrument :
BNA_F
ClientSampleId :
PB154346BL

Tgt Ion: 99 Resp: 2237196
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.9 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: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion: 136 Resp: 938645
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.3 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 91.446 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Instrument :

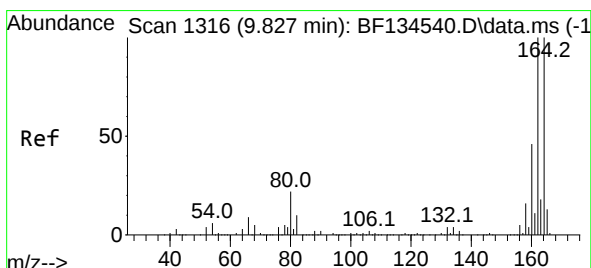
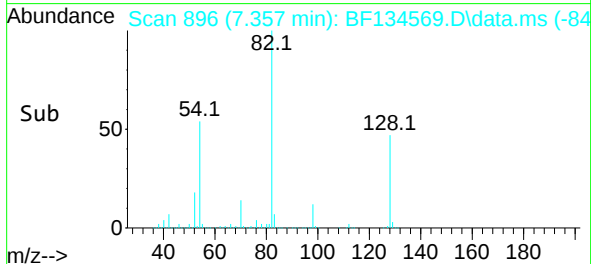
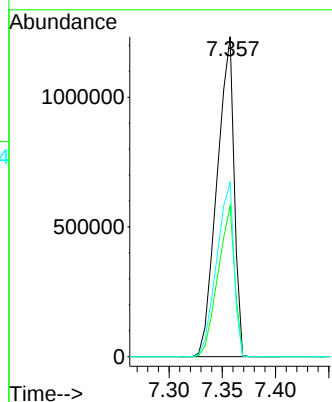
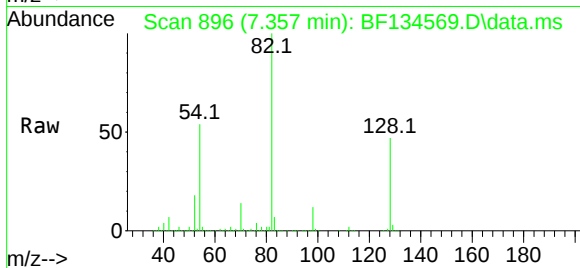
BNA_F

ClientSampleId :

PB154346BL

Tgt Ion: 82 Resp: 1373524

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.3	51.5
54	54.4	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

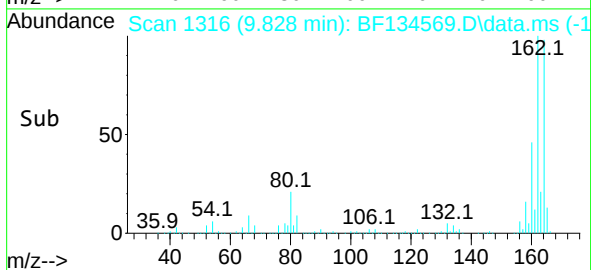
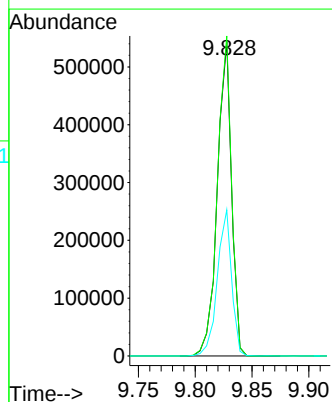
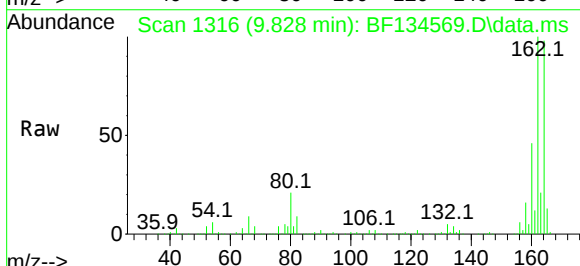
Delta R.T. 0.000 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Tgt Ion: 164 Resp: 474781

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.5	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 131.343 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF134569.D

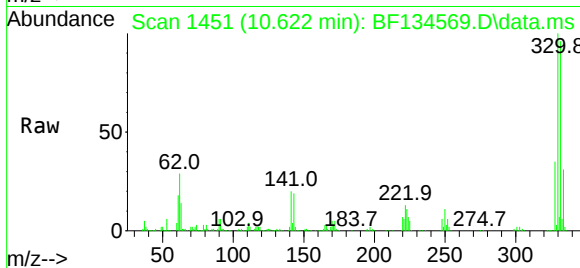
Acq: 02 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154346BL



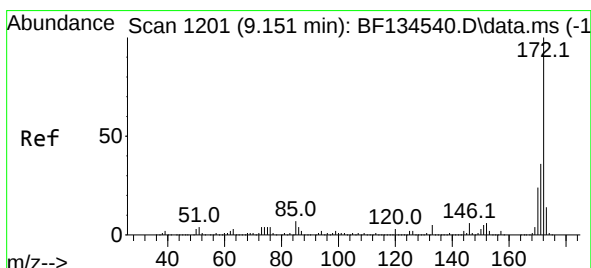
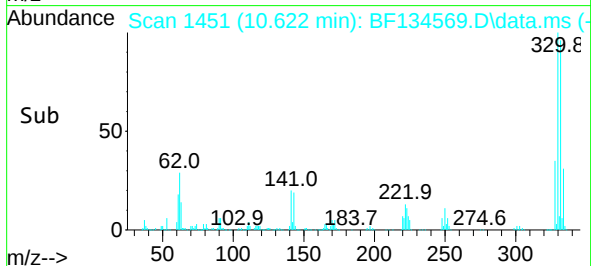
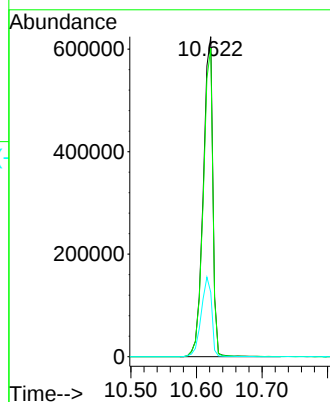
Tgt Ion:330 Resp: 635692

Ion Ratio Lower Upper

330 100

332 96.0 78.8 118.2

141 27.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 81.933 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

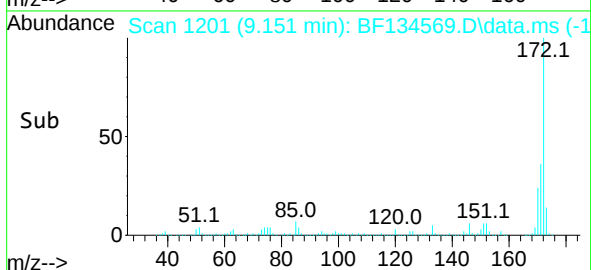
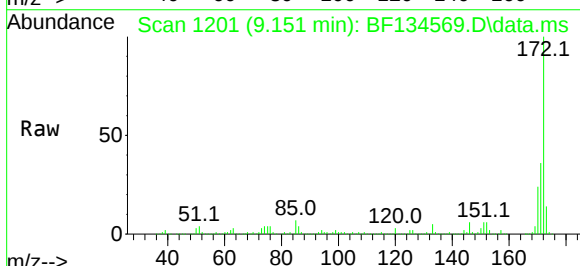
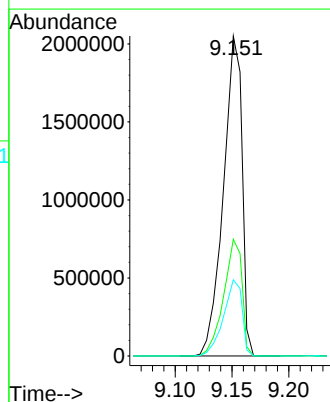
Tgt Ion:172 Resp: 2339597

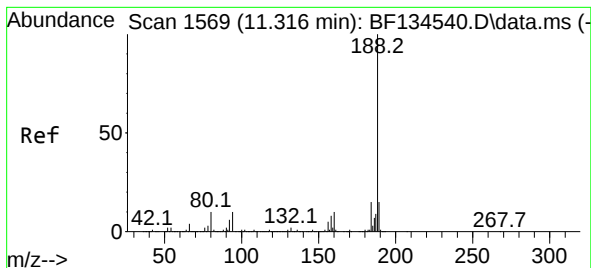
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.8 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: BF134569.D

Acq: 02 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154346BL

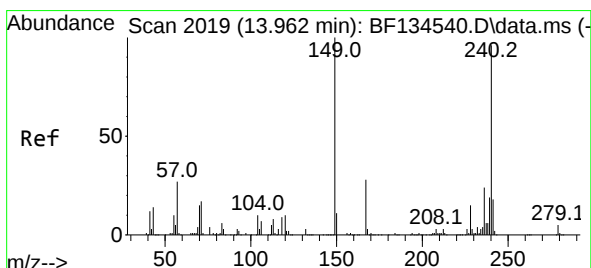
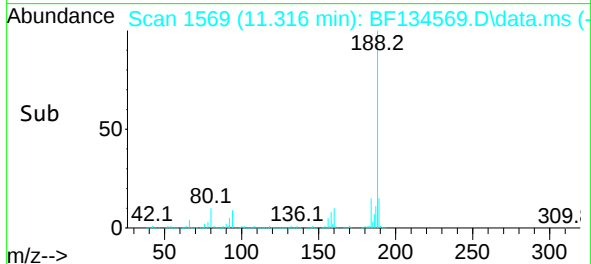
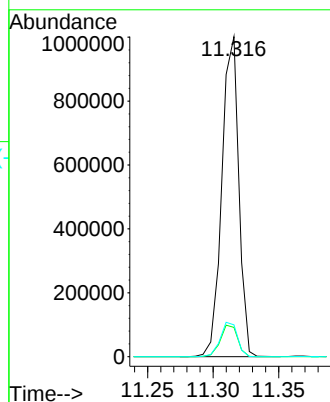
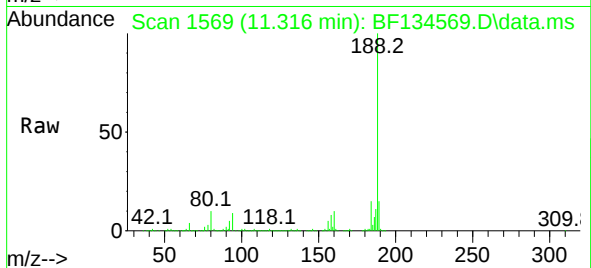
Tgt Ion:188 Resp: 898115

Ion Ratio Lower Upper

188 100

94 9.2 5.1 7.7#

80 9.9 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

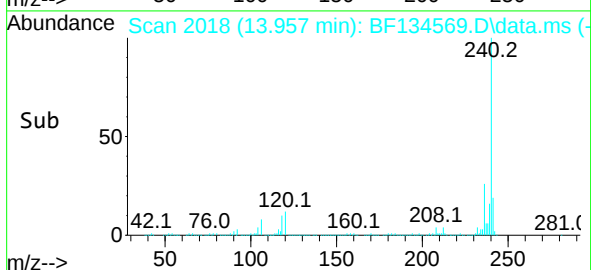
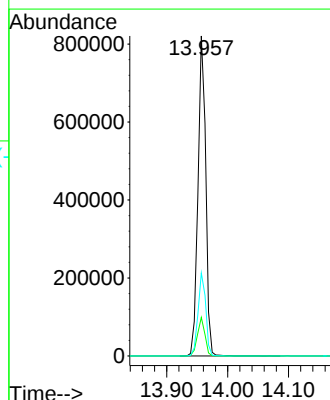
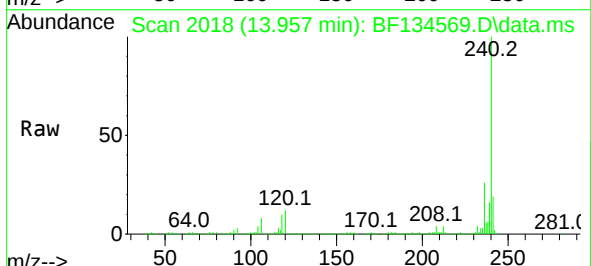
Tgt Ion:240 Resp: 724258

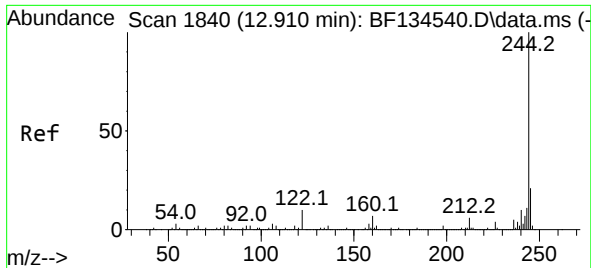
Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

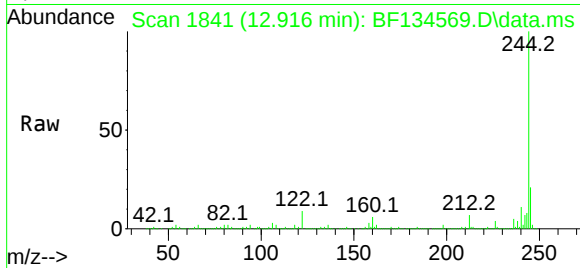
236 26.0 20.2 30.2





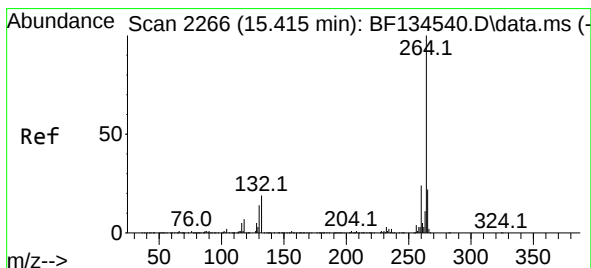
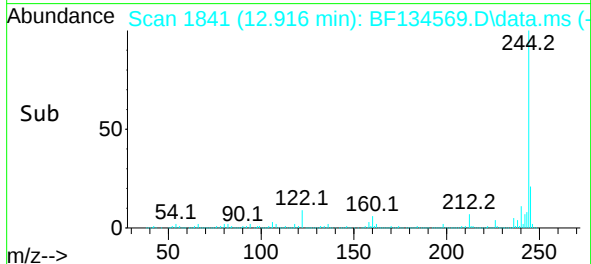
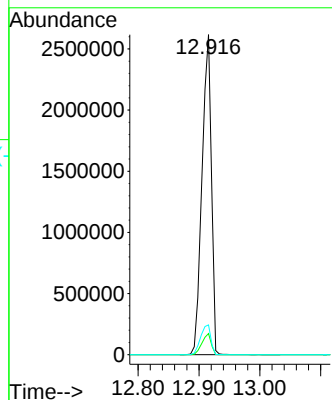
#79
 Terphenyl-d14
 Concen: 68.234 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF134569.D
 Acq: 02 Aug 2023 09:14

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 2803316

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.3	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: BF134569.D
 Acq: 02 Aug 2023 09:14

Tgt Ion:264 Resp: 715428

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.4	15.8	23.8

