

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134784.D
 Acq On : 15 Aug 2023 14:50
 Operator : CG\JU
 Sample : PB154832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154832BL

Quant Time: Aug 16 03:11:02 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	209948	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	830940	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	426932	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	782440	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	526132	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	458976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1602454	116.024	ng	0.02
7) Phenol-d6	6.440	99	2032023	115.094	ng	0.00
23) Nitrobenzene-d5	7.363	82	1289527	96.982	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	618004	141.999	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2211700	86.135	ng	0.00
79) Terphenyl-d14	12.922	244	2512413	84.181	ng	0.00

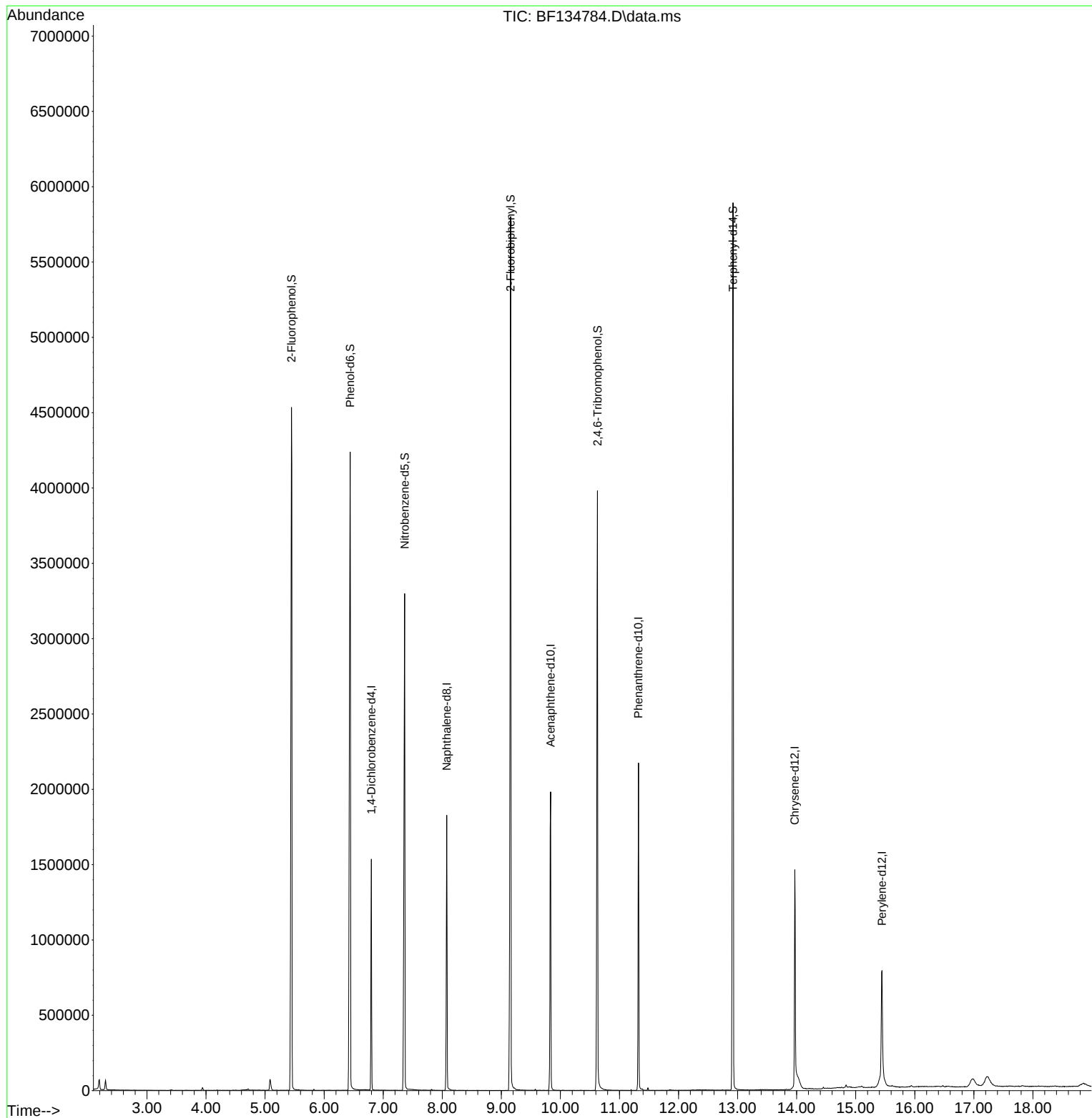
Target Compounds	Qvalue

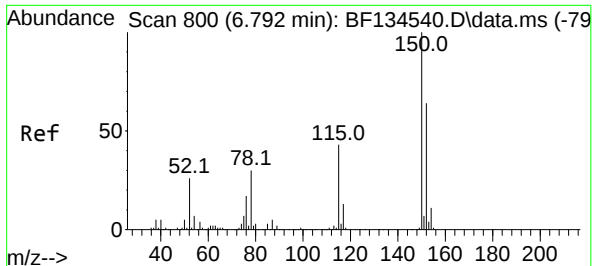
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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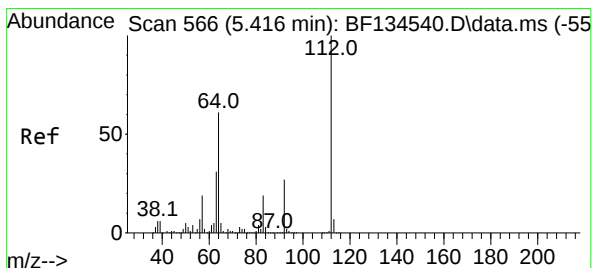
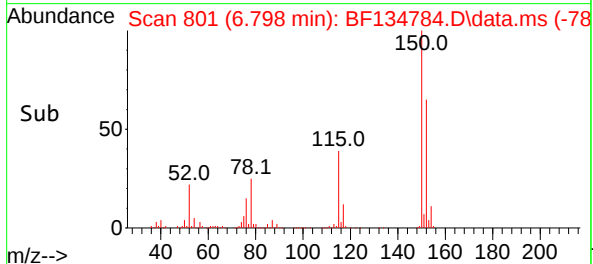
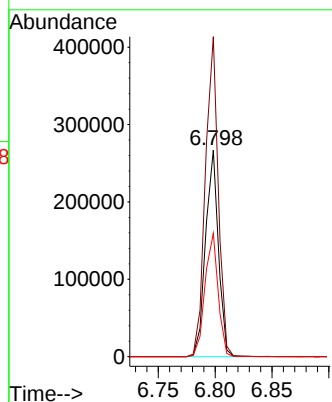
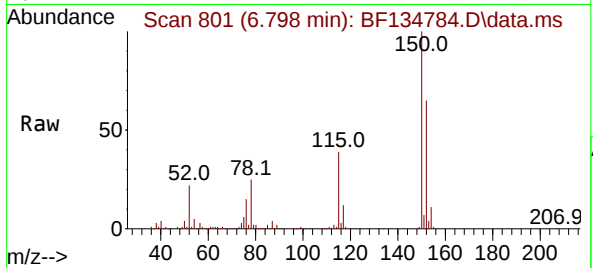




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

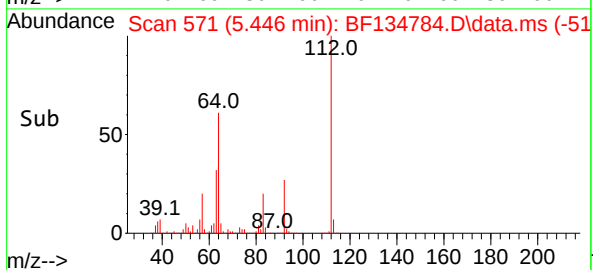
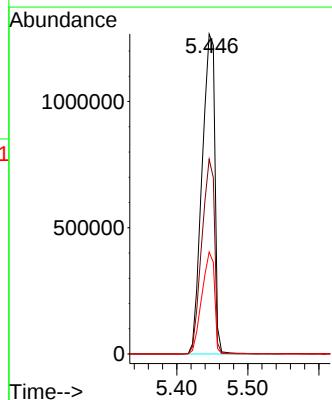
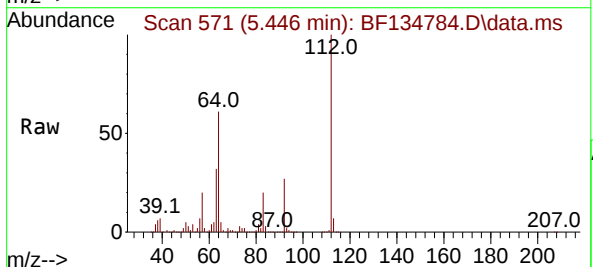
Instrument :
BNA_F
ClientSampleId :
PB154832BL

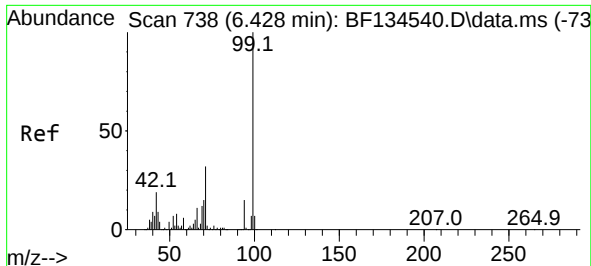
Tgt Ion:152 Resp: 209948
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 59.7 52.4 78.6



#5
2-Fluorophenol
Concen: 116.024 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion:112 Resp: 1602454
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.8 25.4 38.0

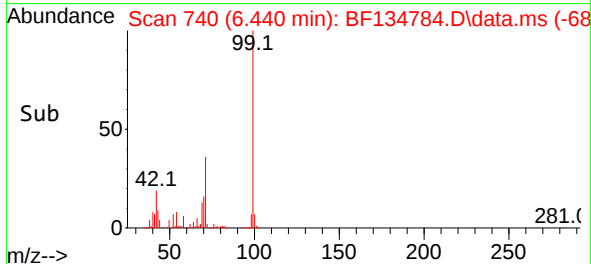
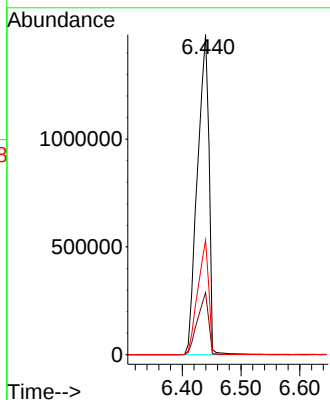
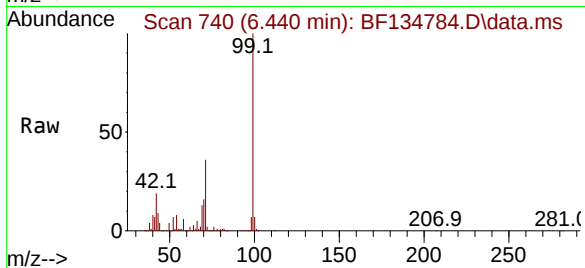




#7
Phenol-d6
Concen: 115.094 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

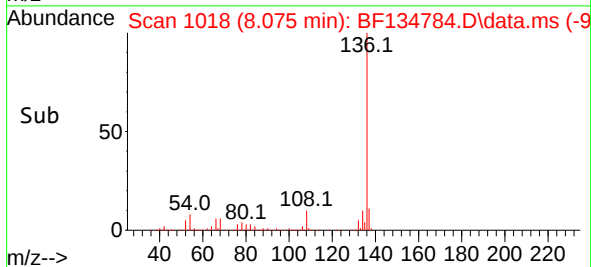
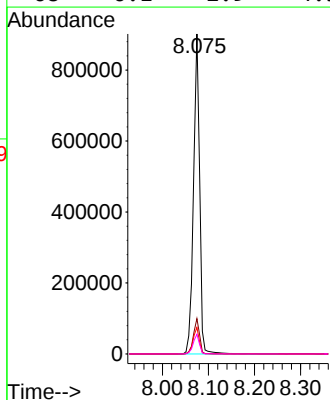
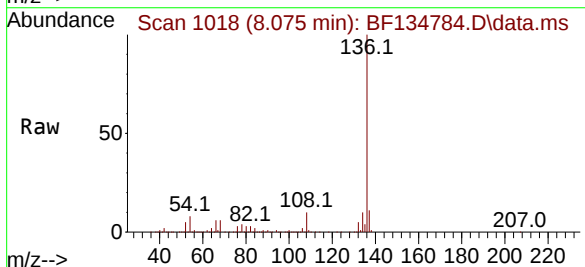
Instrument :
BNA_F
ClientSampleId :
PB154832BL

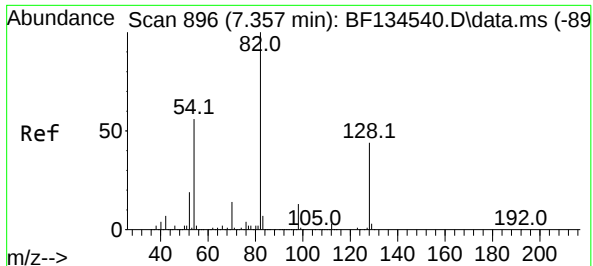
Tgt Ion: 99 Resp: 2032023
Ion Ratio Lower Upper
99 100
42 19.4 18.7 28.1
71 35.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134784.D
Acq: 15 Aug 2023 14:50

Tgt Ion: 136 Resp: 830940
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 96.982 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Instrument :

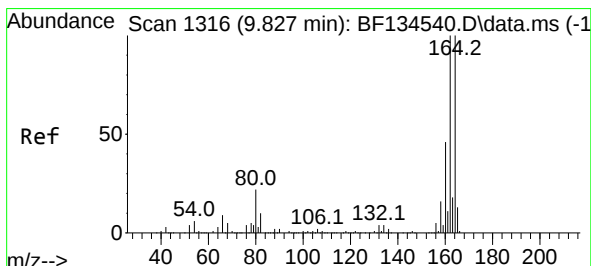
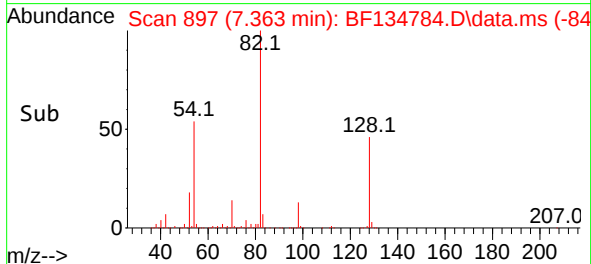
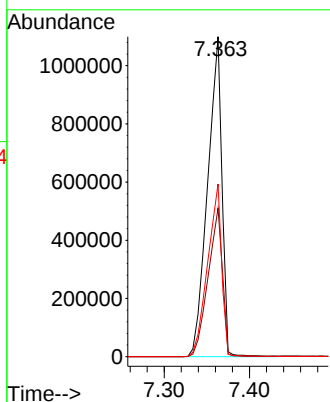
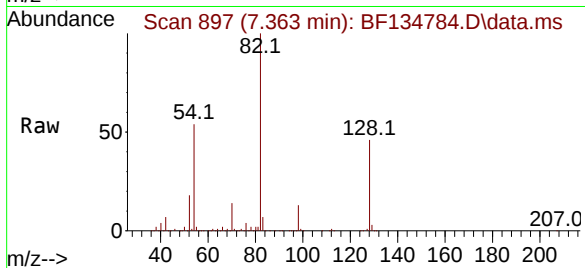
BNA_F

ClientSampleId :

PB154832BL

Tgt Ion: 82 Resp: 1289527

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.3	51.5
54	54.0	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

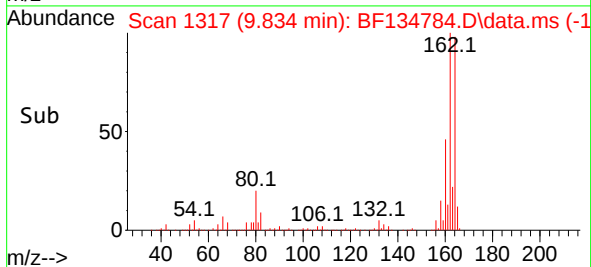
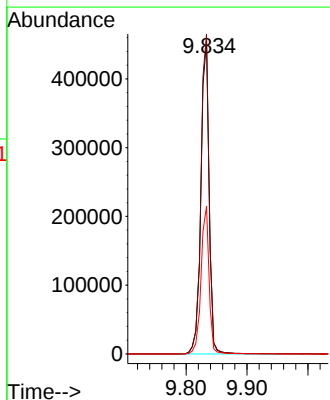
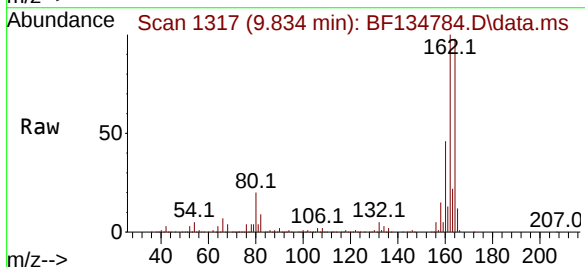
Delta R.T. 0.000 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Tgt Ion: 164 Resp: 426932

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	47.2	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 141.999 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PB154832BL

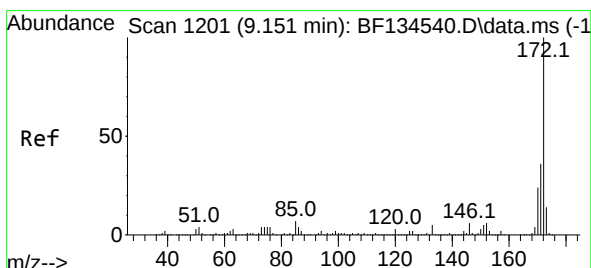
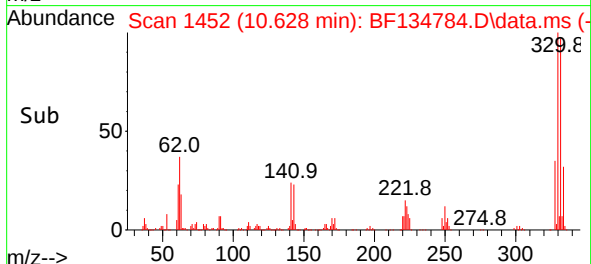
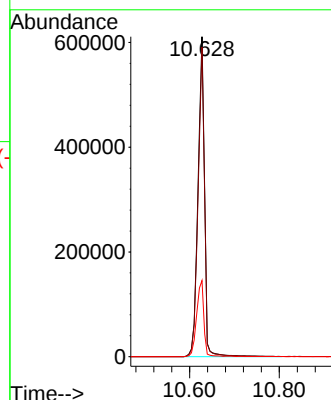
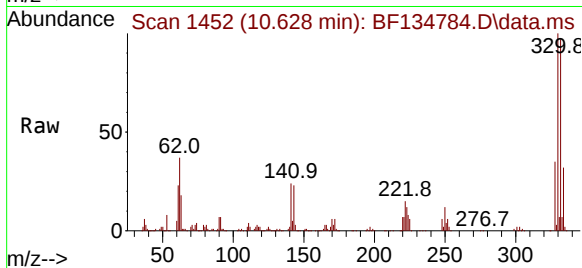
Tgt Ion:330 Resp: 618004

Ion Ratio Lower Upper

330 100

332 95.8 78.8 118.2

141 26.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 86.135 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

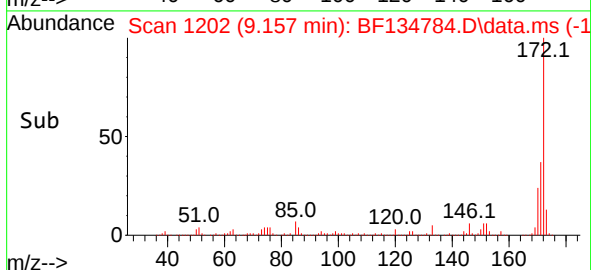
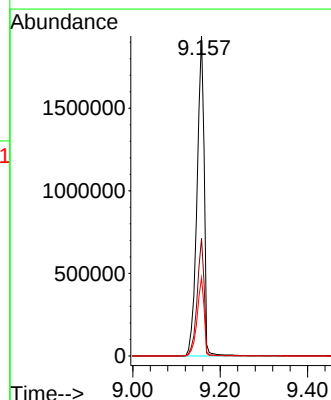
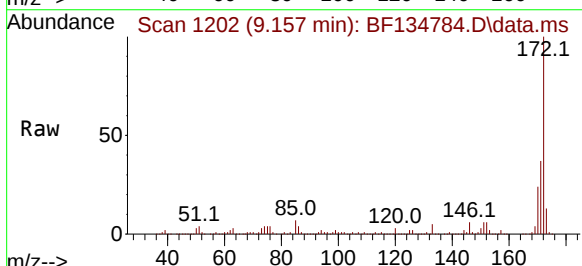
Tgt Ion:172 Resp: 2211700

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

Instrument :

BNA_F

ClientSampleId :

PB154832BL

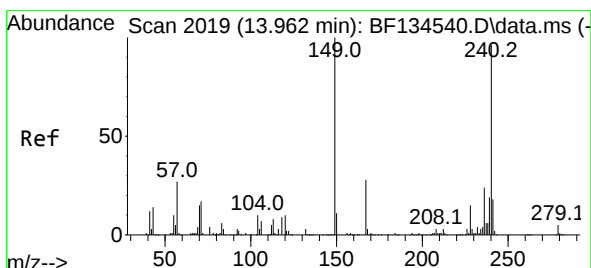
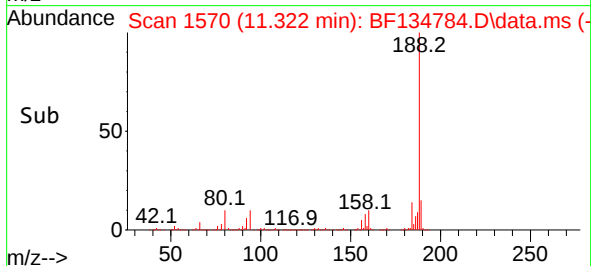
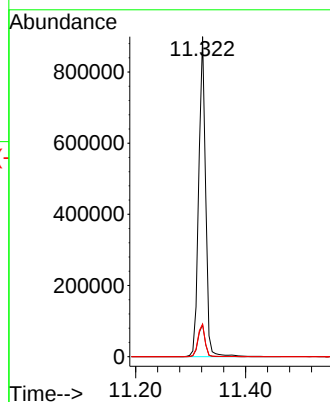
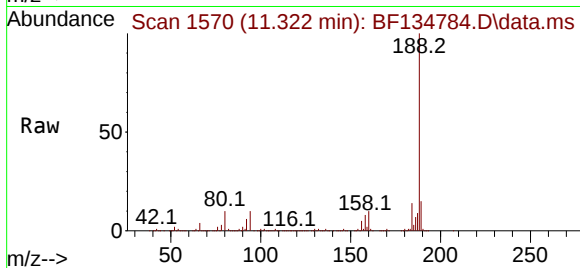
Tgt Ion:188 Resp: 782440

Ion Ratio Lower Upper

188 100

94 10.0 5.1 7.7#

80 10.2 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134784.D

Acq: 15 Aug 2023 14:50

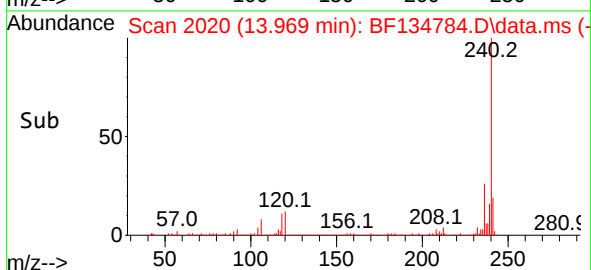
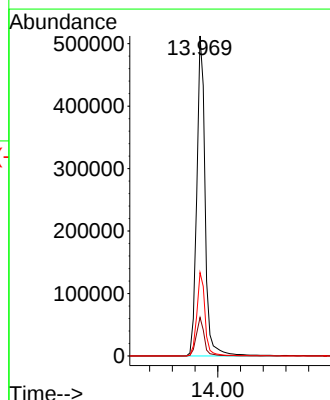
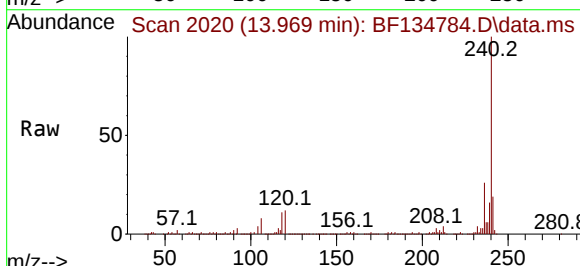
Tgt Ion:240 Resp: 526132

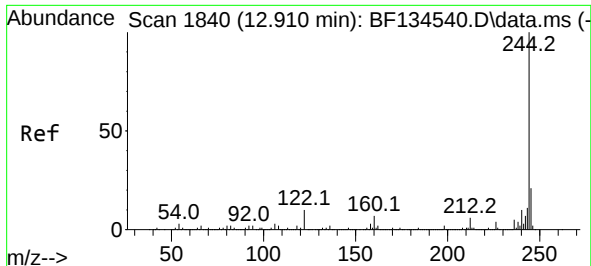
Ion Ratio Lower Upper

240 100

120 12.0 6.6 10.0#

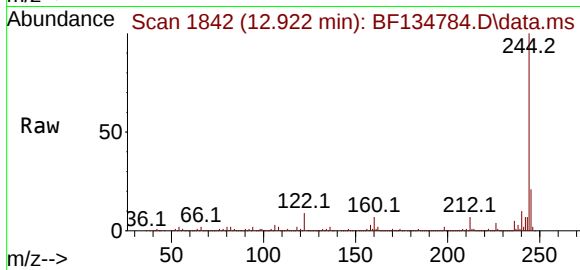
236 26.0 20.2 30.2



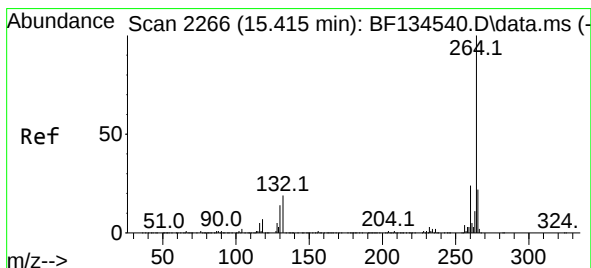
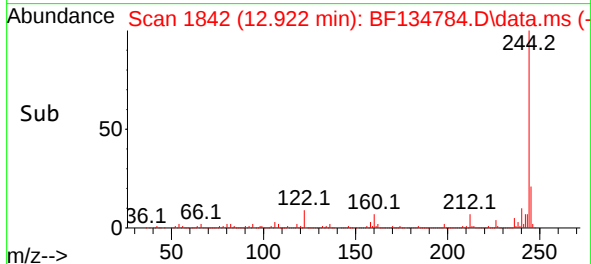
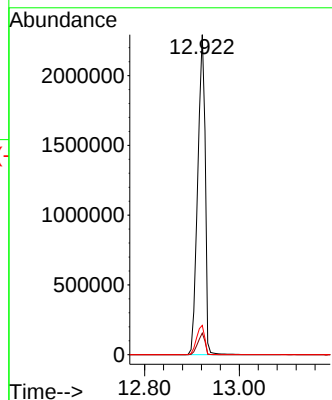


#79
 Terphenyl-d14
 Concen: 84.181 ng
 RT: 12.922 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134784.D
 Acq: 15 Aug 2023 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB154832BL



Tgt Ion:244 Resp: 2512413
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134784.D
 Acq: 15 Aug 2023 14:50

Tgt Ion:264 Resp: 458976
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.0 15.8 23.8

