

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134593.D
 Acq On : 02 Aug 2023 22:17
 Operator : CG\JU
 Sample : 03833-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 82ND-1

Quant Time: Aug 03 01:51:36 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	170056	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	638149	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	266213	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	425291	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	296693	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	240790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	583287	52.139	ng	0.00
7) Phenol-d6	6.422	99	723114	50.565	ng	0.00
23) Nitrobenzene-d5	7.351	82	406483	39.806	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	127341	46.924	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	689908	43.090	ng	0.00
79) Terphenyl-d14	12.904	244	641719	38.129	ng	0.00

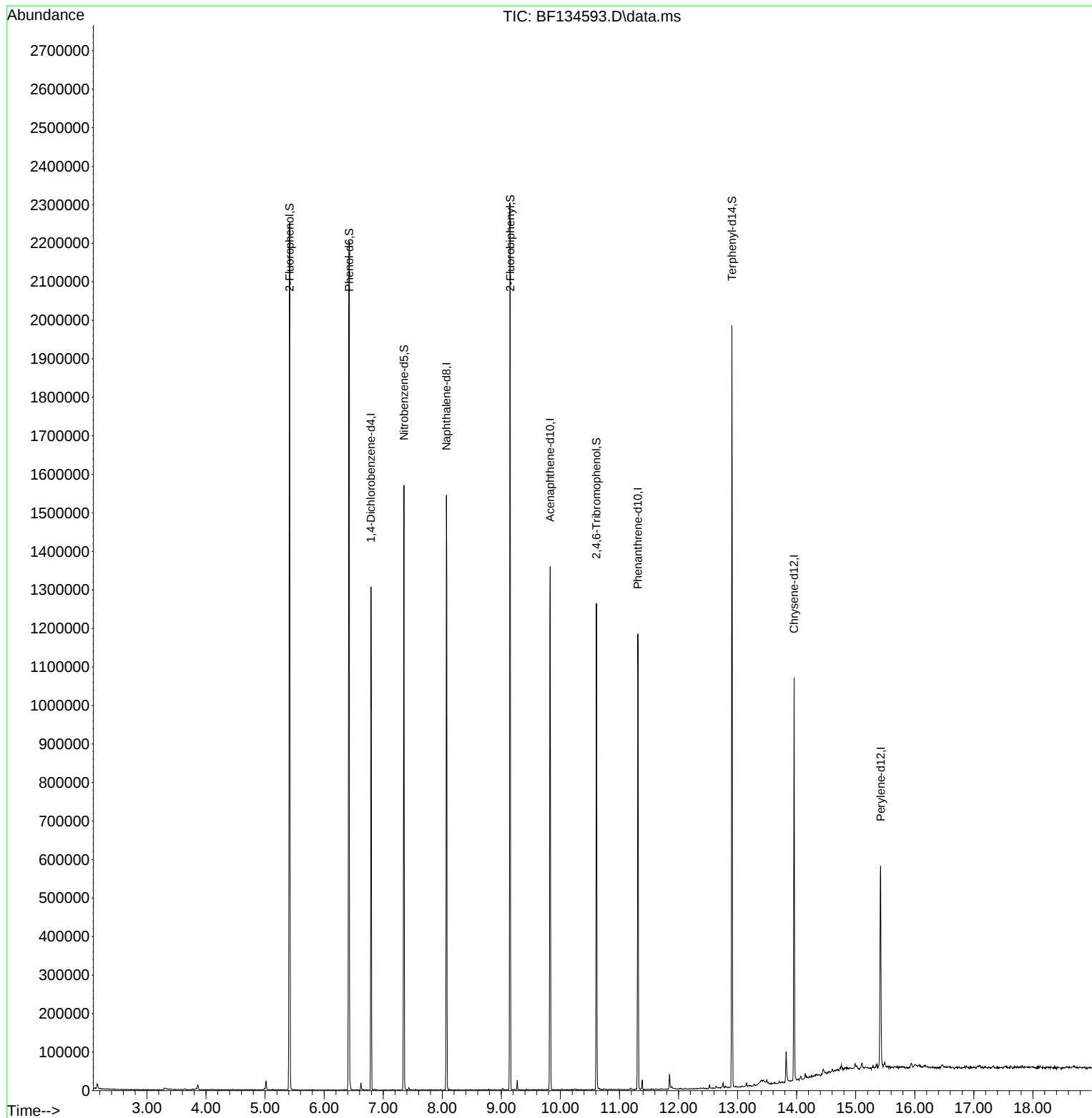
Target Compounds	Qvalue

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

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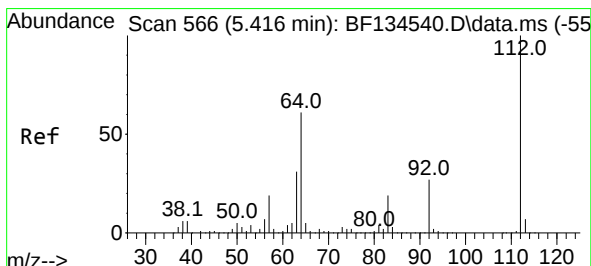
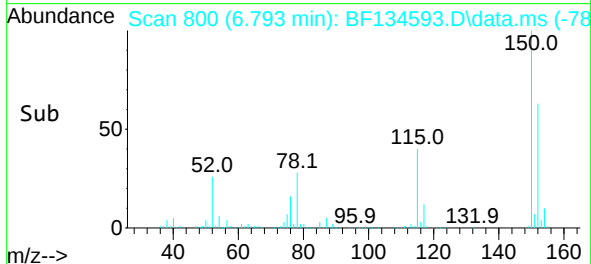
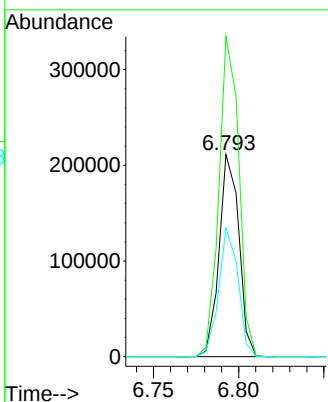
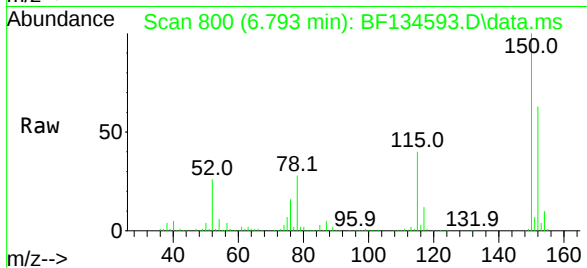




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

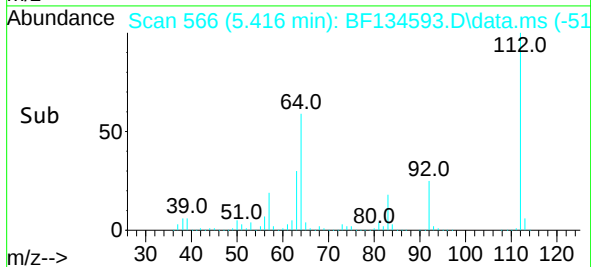
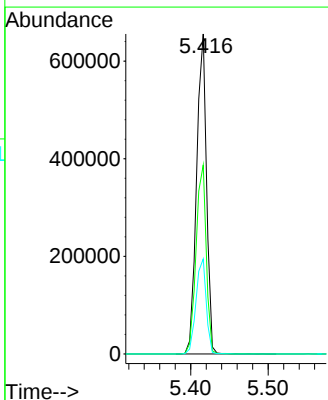
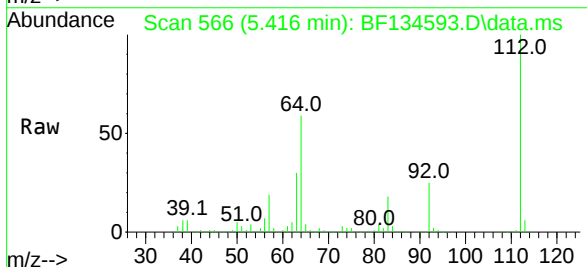
Instrument :
BNA_F
ClientSampleId :
82ND-1

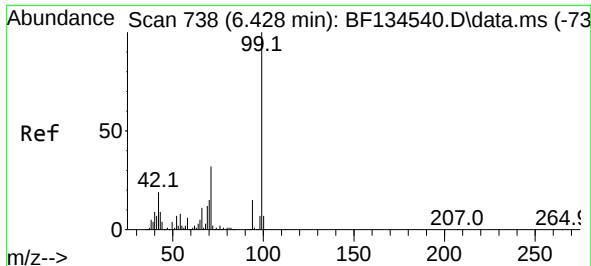
Tgt Ion:152 Resp: 170056
Ion Ratio Lower Upper
152 100
150 158.4 128.3 192.5
115 63.7 52.4 78.6



#5
2-Fluorophenol
Concen: 52.139 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion:112 Resp: 583287
Ion Ratio Lower Upper
112 100
64 59.1 44.9 67.3
63 29.7 25.4 38.0

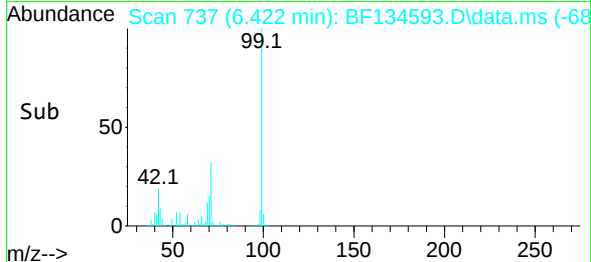
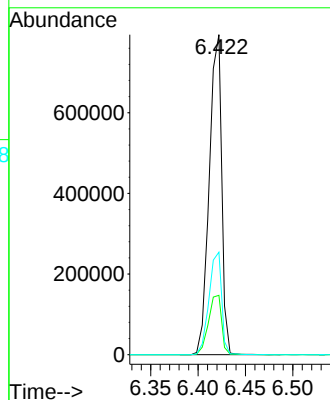
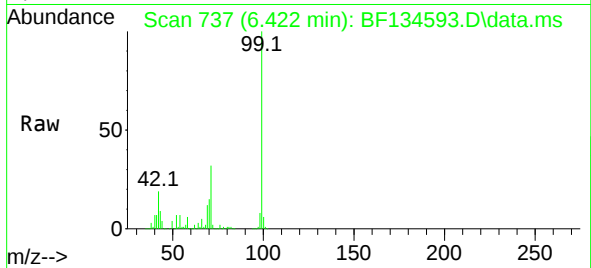




#7
Phenol-d6
Concen: 50.565 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

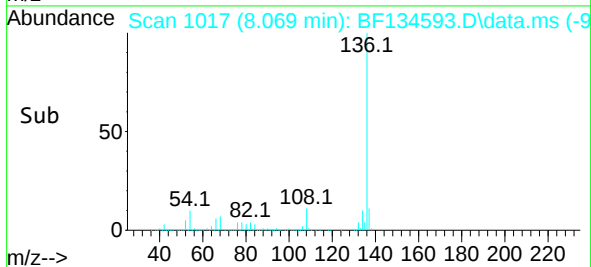
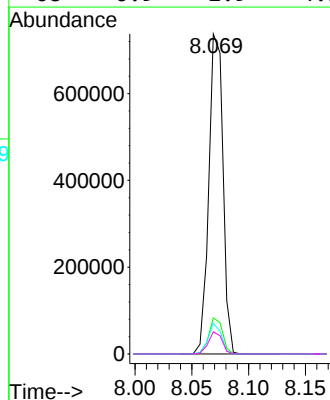
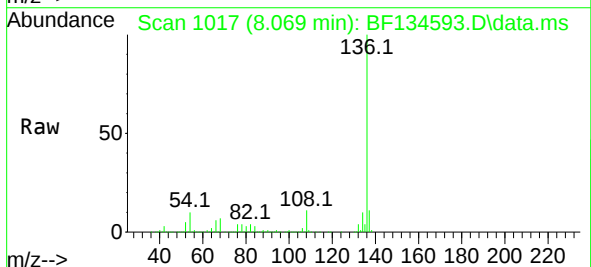
Instrument :
BNA_F
ClientSampleId :
82ND-1

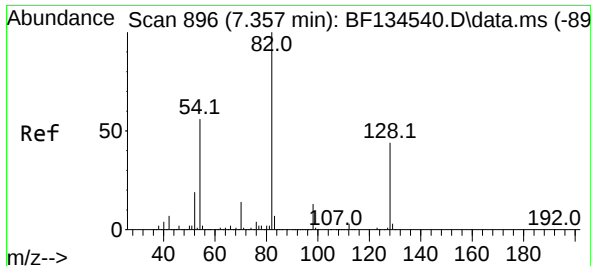
Tgt Ion: 99 Resp: 723114
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.0 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

Tgt Ion: 136 Resp: 638149
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.6 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 39.806 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

Instrument :

BNA_F

ClientSampleId :

82ND-1

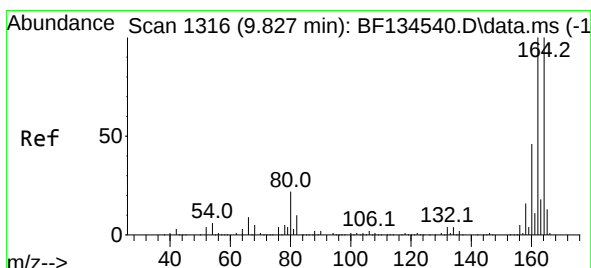
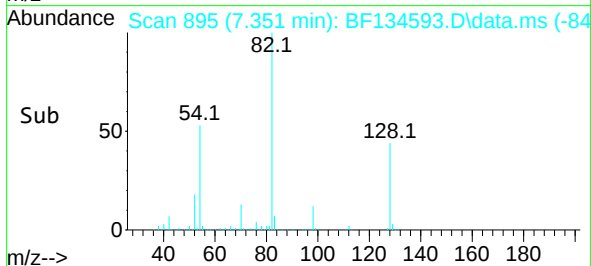
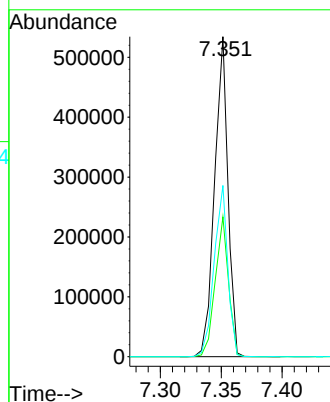
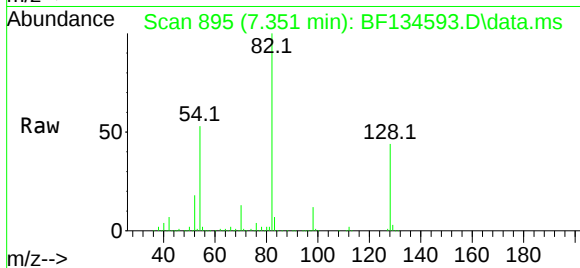
Tgt Ion: 82 Resp: 406483

Ion Ratio Lower Upper

82 100

128 43.7 34.3 51.5

54 53.5 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: BF134593.D

Acq: 02 Aug 2023 22:17

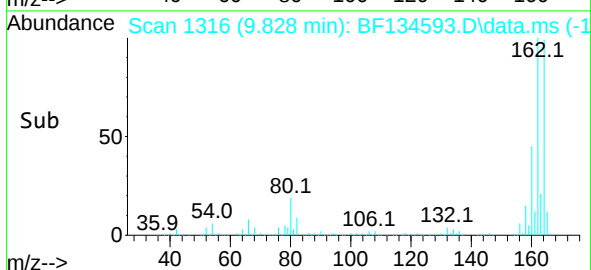
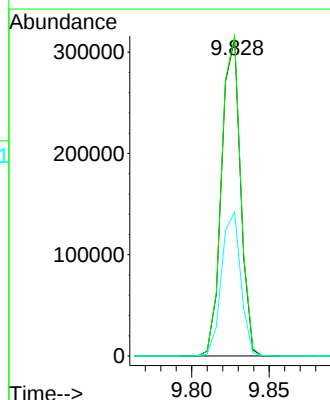
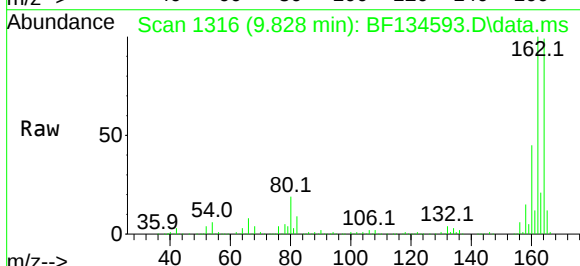
Tgt Ion: 164 Resp: 266213

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

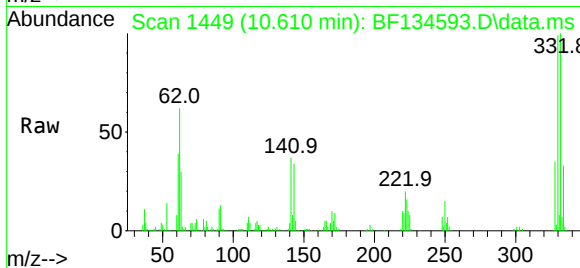
160 45.4 37.2 55.8



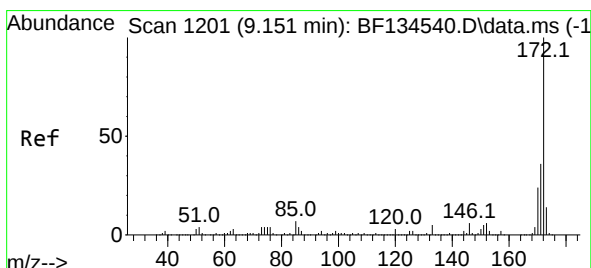
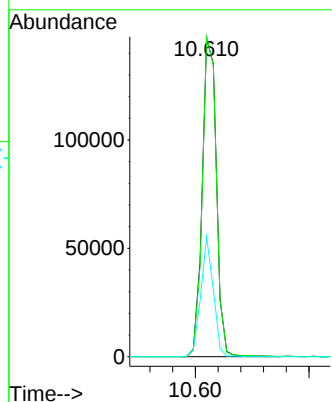
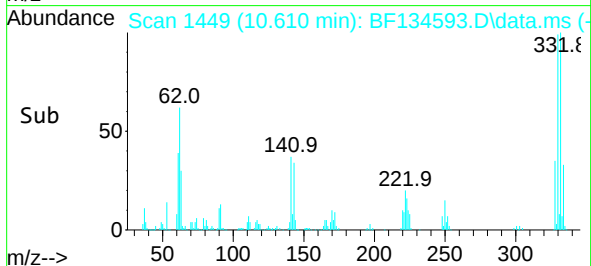


#42
2,4,6-Tribromophenol
Concen: 46.924 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17

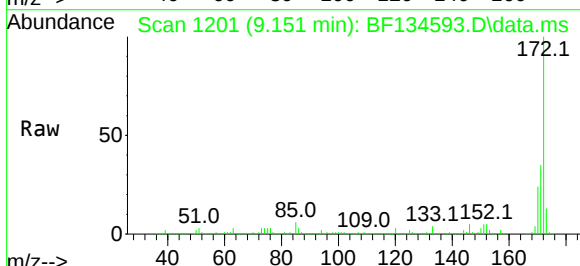
Instrument :
BNA_F
ClientSampleId :
82ND-1



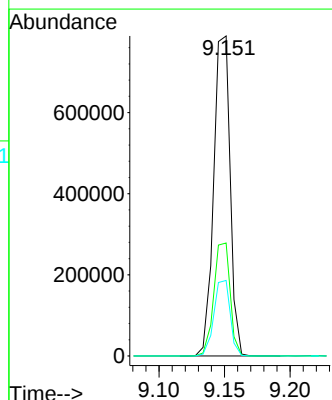
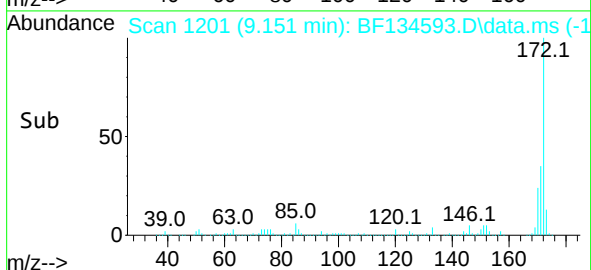
Tgt Ion: 330 Resp: 127341
Ion Ratio Lower Upper
330 100
332 99.3 78.8 118.2
141 33.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 43.090 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134593.D
Acq: 02 Aug 2023 22:17



Tgt Ion: 172 Resp: 689908
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: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134593.D

Acq: 02 Aug 2023 22:17

Instrument :

BNA_F

ClientSampleId :

82ND-1

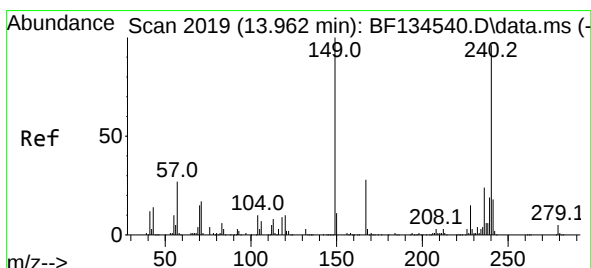
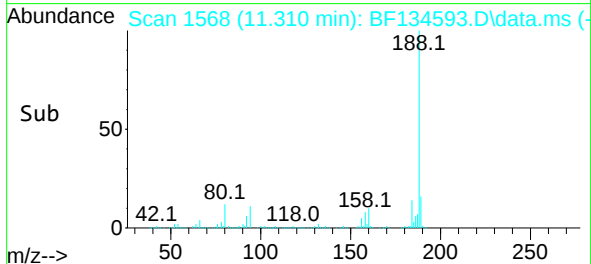
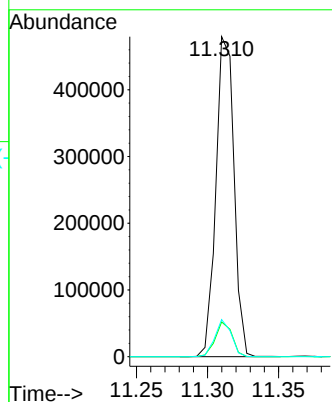
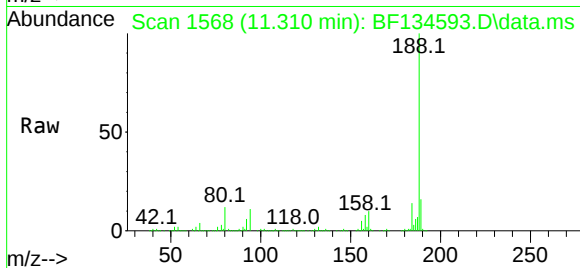
Tgt Ion:188 Resp: 425291

Ion Ratio Lower Upper

188 100

94 10.8 5.1 7.7#

80 11.6 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: BF134593.D

Acq: 02 Aug 2023 22:17

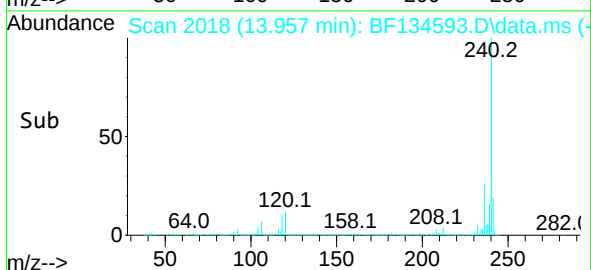
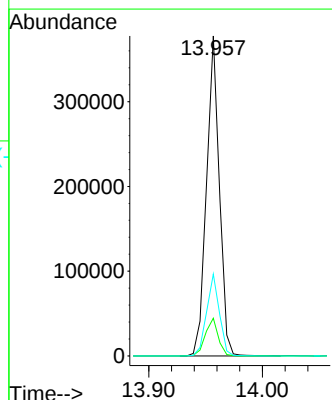
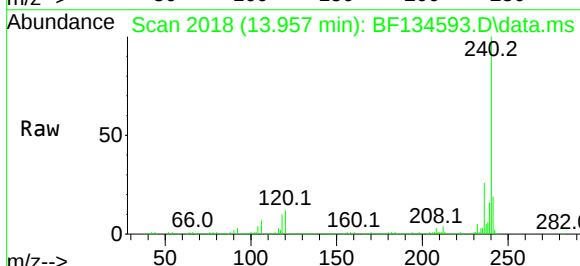
Tgt Ion:240 Resp: 296693

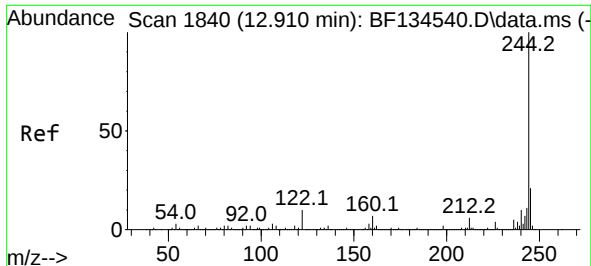
Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

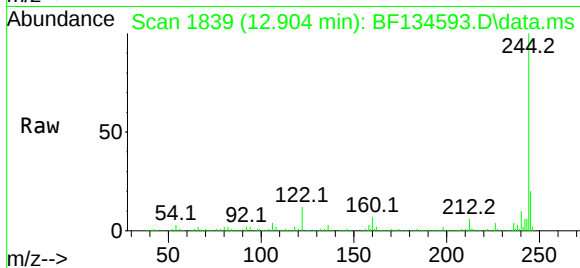
236 25.6 20.2 30.2



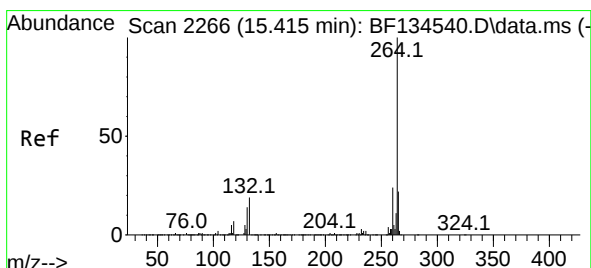
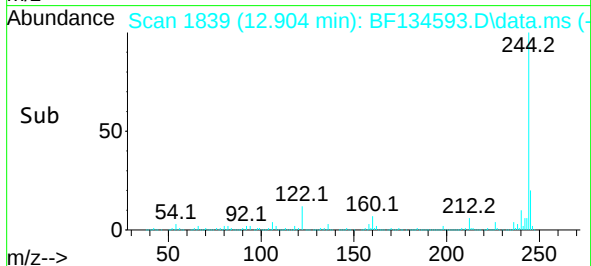
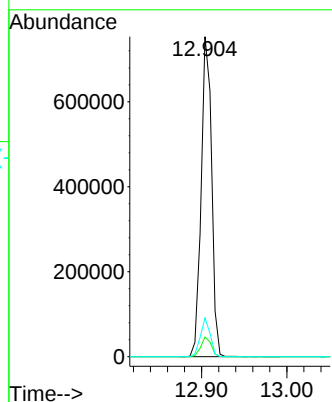


#79
 Terphenyl-d14
 Concen: 38.129 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134593.D
 Acq: 02 Aug 2023 22:17

Instrument :
 BNA_F
 ClientSampleId :
 82ND-1



Tgt Ion:244 Resp: 641719
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 12.1 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: BF134593.D
 Acq: 02 Aug 2023 22:17

Tgt Ion:264 Resp: 240790
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.6 15.8 23.8

