

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134663.D
 Acq On : 08 Aug 2023 10:23
 Operator : CG\JU
 Sample : PB154638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154638BL

Quant Time: Aug 09 02:16:02 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	203914	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	821230	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	421831	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	819167	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	635773	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	493834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1610661	120.069	ng	0.01
7) Phenol-d6	6.434	99	2056900	119.951	ng	0.00
23) Nitrobenzene-d5	7.357	82	1285204	97.799	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	632258	147.031	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2221387	87.558	ng	0.00
79) Terphenyl-d14	12.921	244	2843577	78.846	ng	0.00

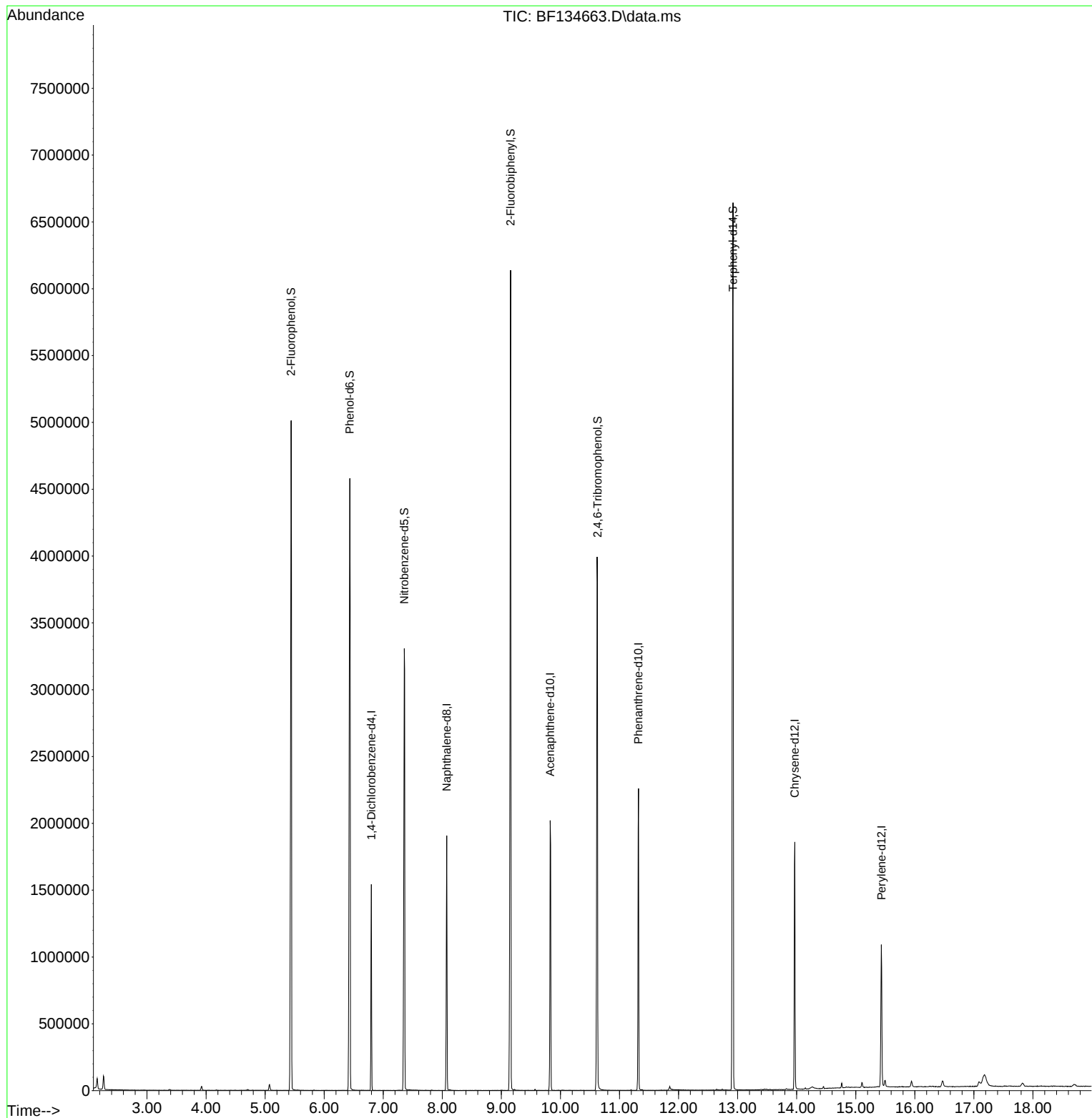
Target Compounds	Qvalue

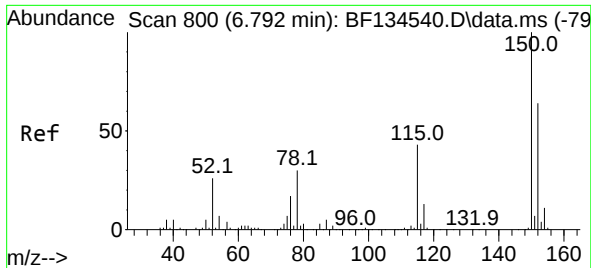
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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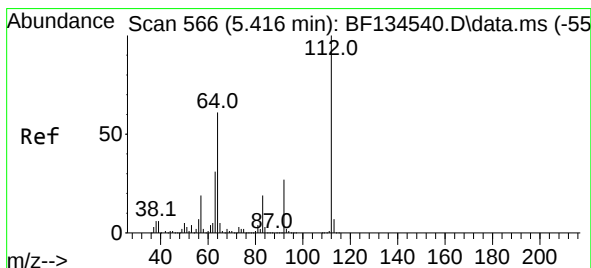
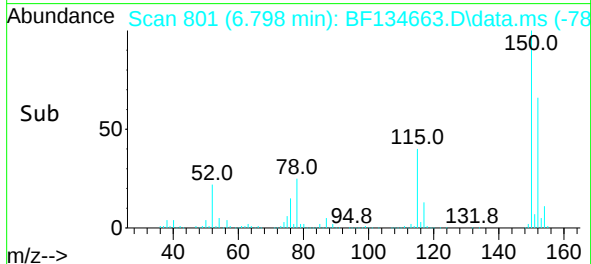
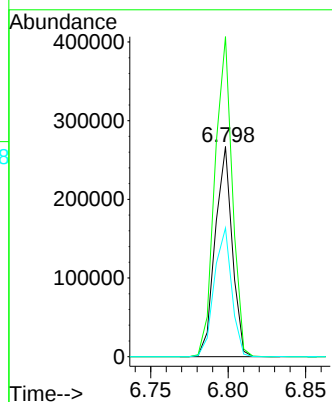
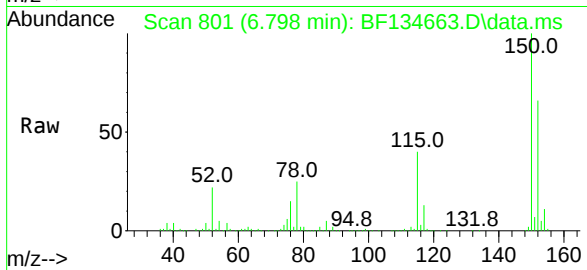




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134663.D
 Acq: 08 Aug 2023 10:23

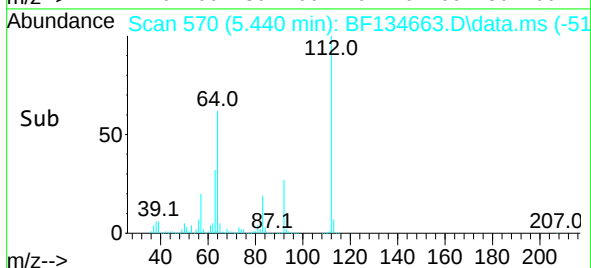
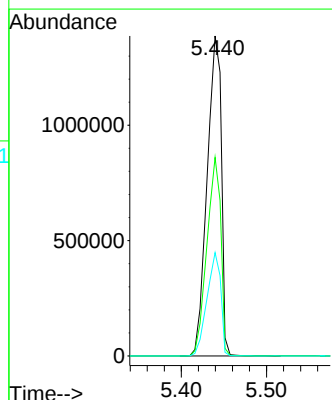
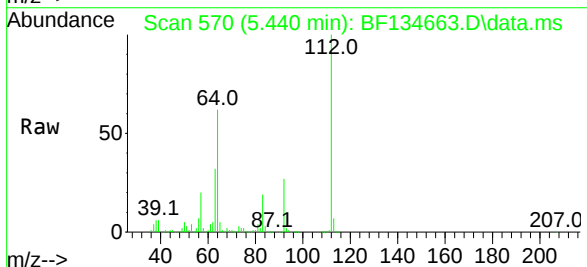
Instrument :
 BNA_F
 ClientSampleId :
 PB154638BL

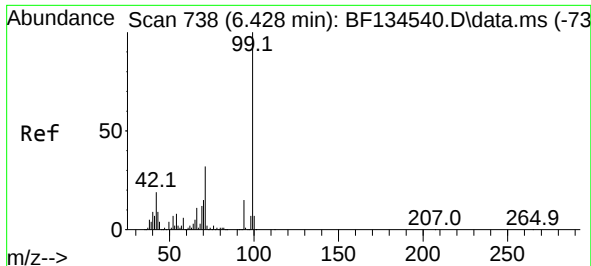
Tgt Ion:152 Resp: 203914
 Ion Ratio Lower Upper
 152 100
 150 152.3 128.3 192.5
 115 61.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 120.069 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF134663.D
 Acq: 08 Aug 2023 10:23

Tgt Ion:112 Resp: 1610661
 Ion Ratio Lower Upper
 112 100
 64 62.0 44.9 67.3
 63 32.3 25.4 38.0

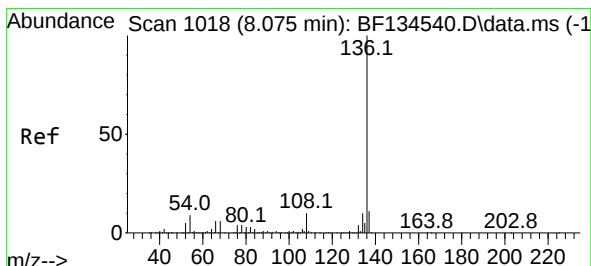
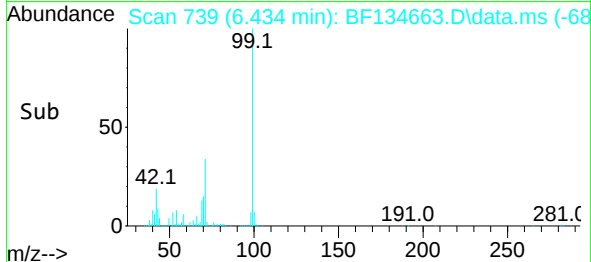
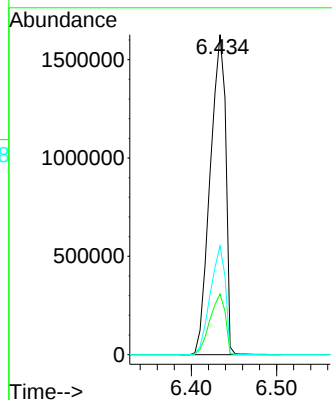
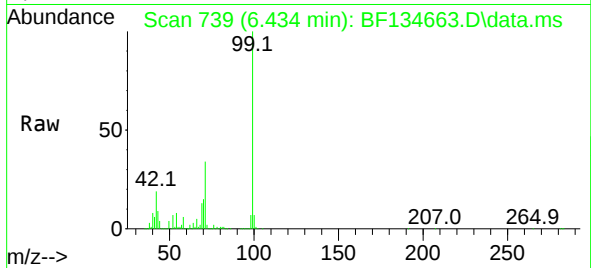




#7
Phenol-d6
Concen: 119.951 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

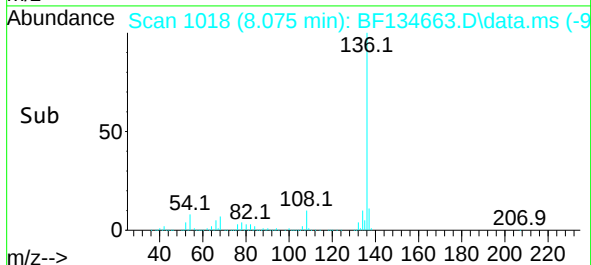
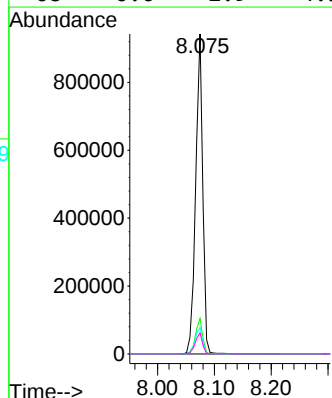
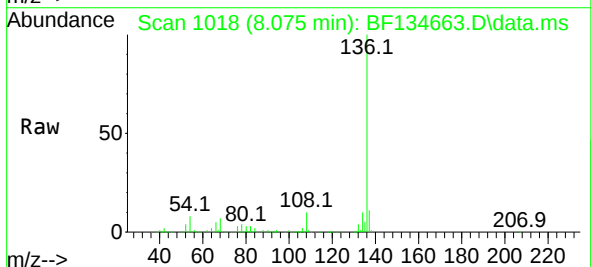
Instrument :
BNA_F
ClientSampleId :
PB154638BL

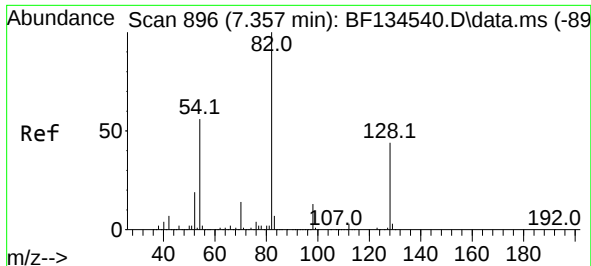
Tgt Ion: 99 Resp: 2056900
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 33.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:136 Resp: 821230
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.6 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 97.799 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

Instrument :

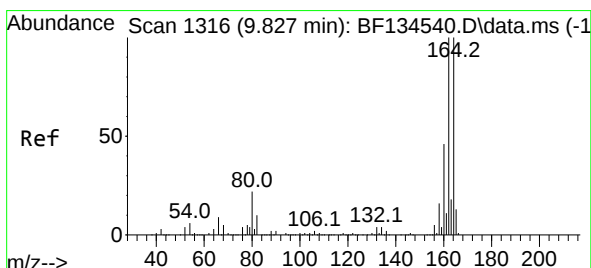
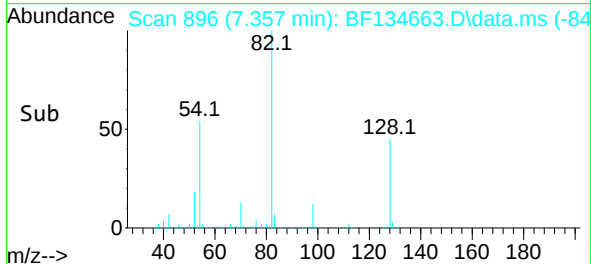
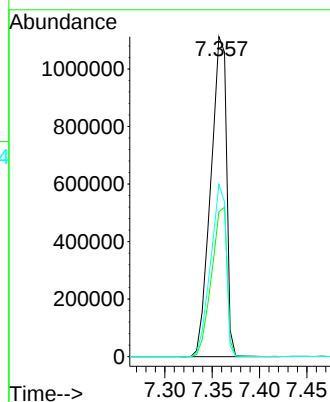
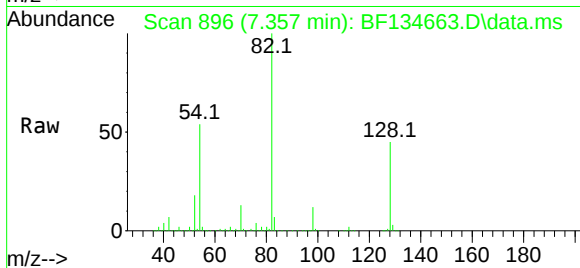
BNA_F

ClientSampleId :

PB154638BL

Tgt Ion: 82 Resp: 1285204

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.3	51.5
54	53.9	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

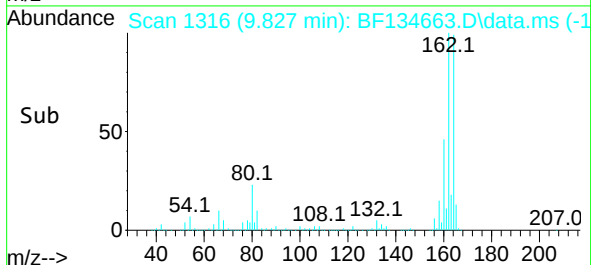
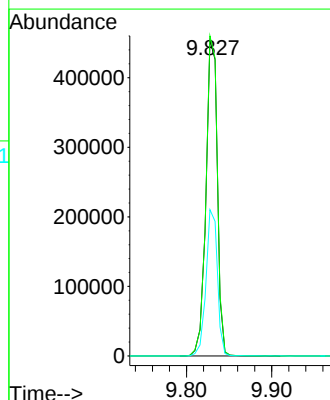
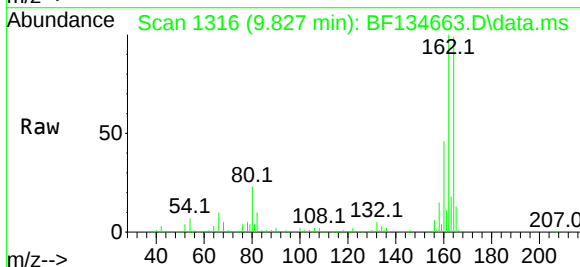
Delta R.T. -0.006 min

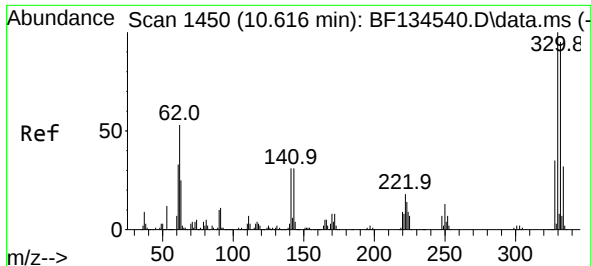
Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

Tgt Ion: 164 Resp: 421831

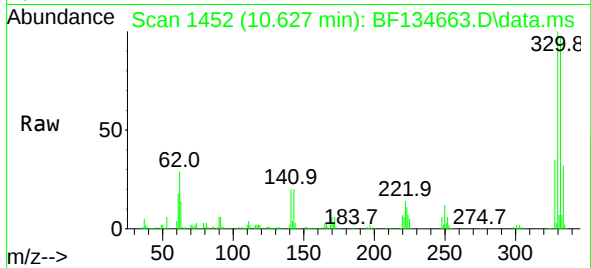
Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	46.3	37.2	55.8



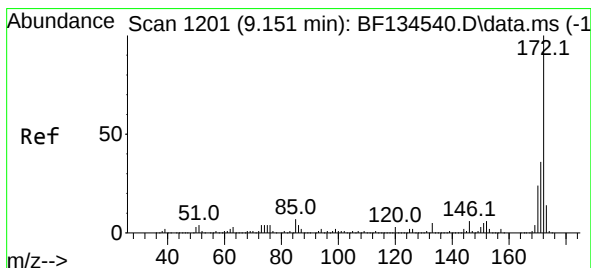
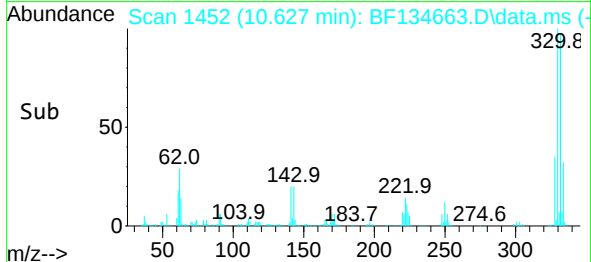
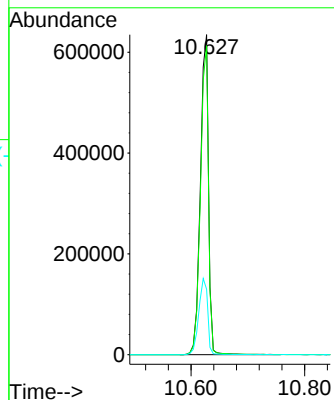


#42
2,4,6-Tribromophenol
Concen: 147.031 ng
RT: 10.627 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Instrument :
BNA_F
ClientSampleId :
PB154638BL

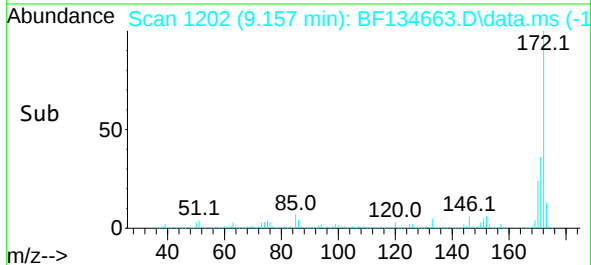
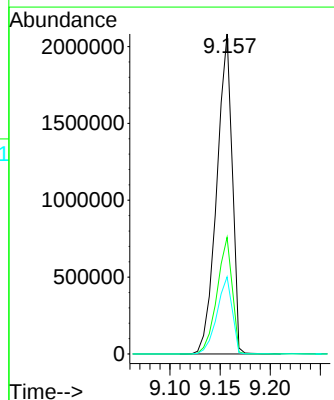
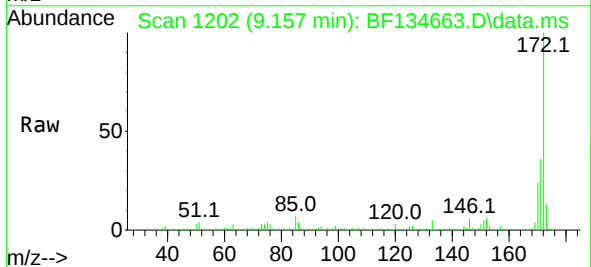


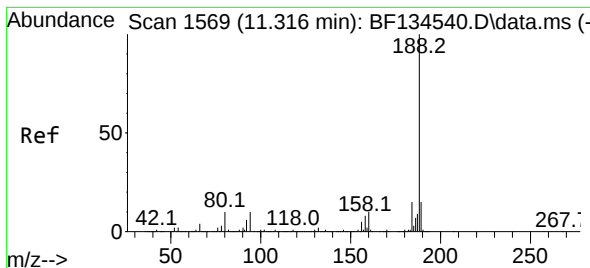
Tgt Ion:330 Resp: 632258
Ion Ratio Lower Upper
330 100
332 95.6 78.8 118.2
141 26.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 87.558 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:172 Resp: 2221387
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.1 18.7 28.1

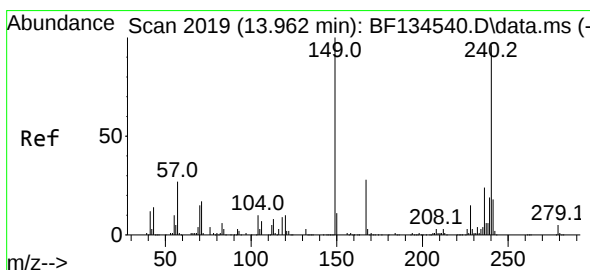
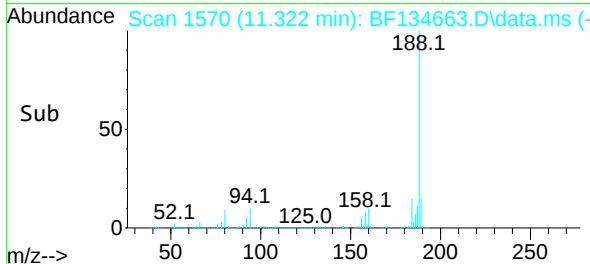
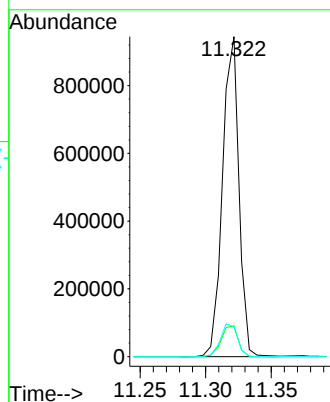
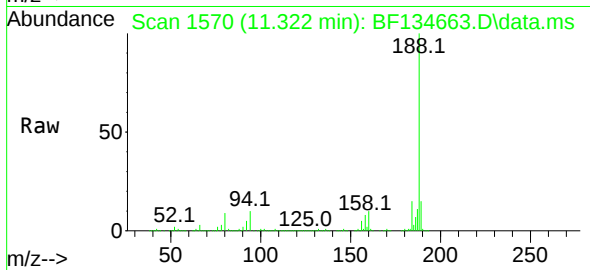




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

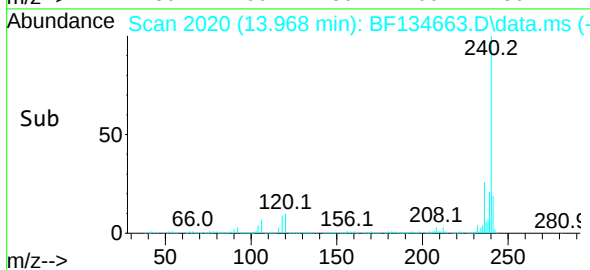
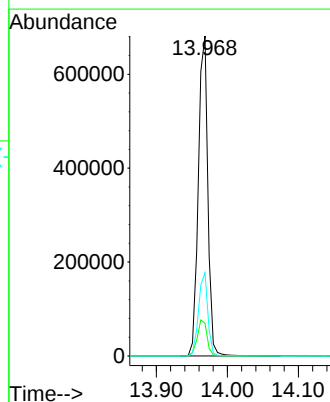
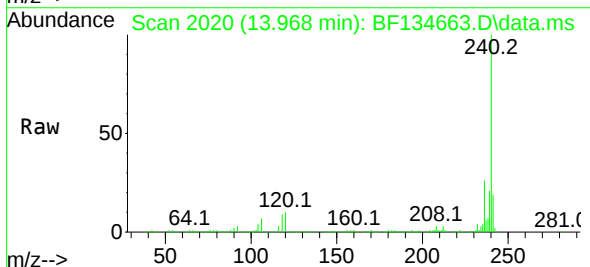
Instrument :
BNA_F
ClientSampleId :
PB154638BL

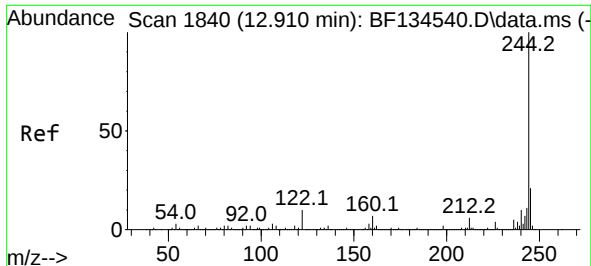
Tgt Ion:188 Resp: 819167
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 9.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

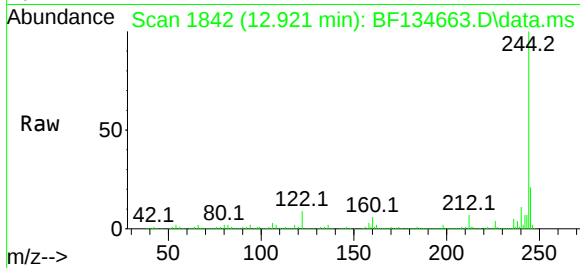
Tgt Ion:240 Resp: 635773
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 26.0 20.2 30.2





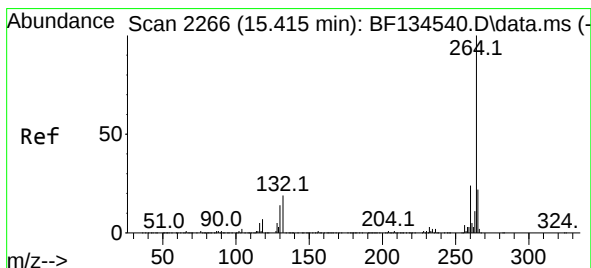
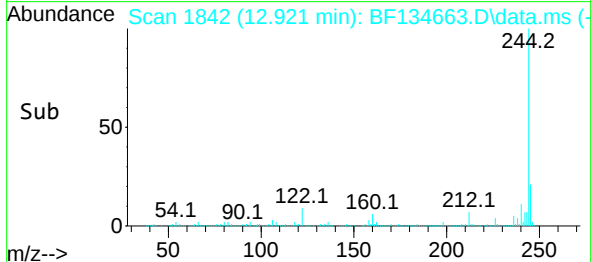
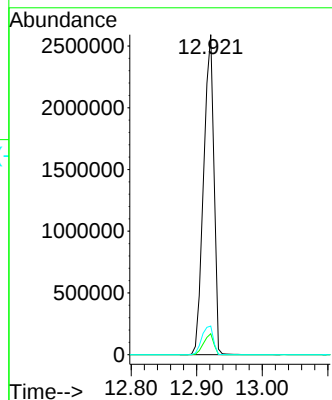
#79
 Terphenyl-d14
 Concen: 78.846 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF134663.D
 Acq: 08 Aug 2023 10:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2843577

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	8.9	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134663.D
 Acq: 08 Aug 2023 10:23

Tgt Ion:264 Resp: 493834

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	15.8	23.8

