

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134579.D
 Acq On : 02 Aug 2023 14:39
 Operator : CG\JU
 Sample : PB154346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154346BL

Quant Time: Aug 03 01:47:32 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	6.798	152	204627	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822074	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	419386	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	789305	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	646158	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	628798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1626184	120.803	ng	0.02
7) Phenol-d6	6.428	99	2098108	121.928	ng	0.00
23) Nitrobenzene-d5	7.357	82	1297074	98.601	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	583681	136.526	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2218692	87.962	ng	0.00
79) Terphenyl-d14	12.915	244	2692606	73.460	ng	0.00

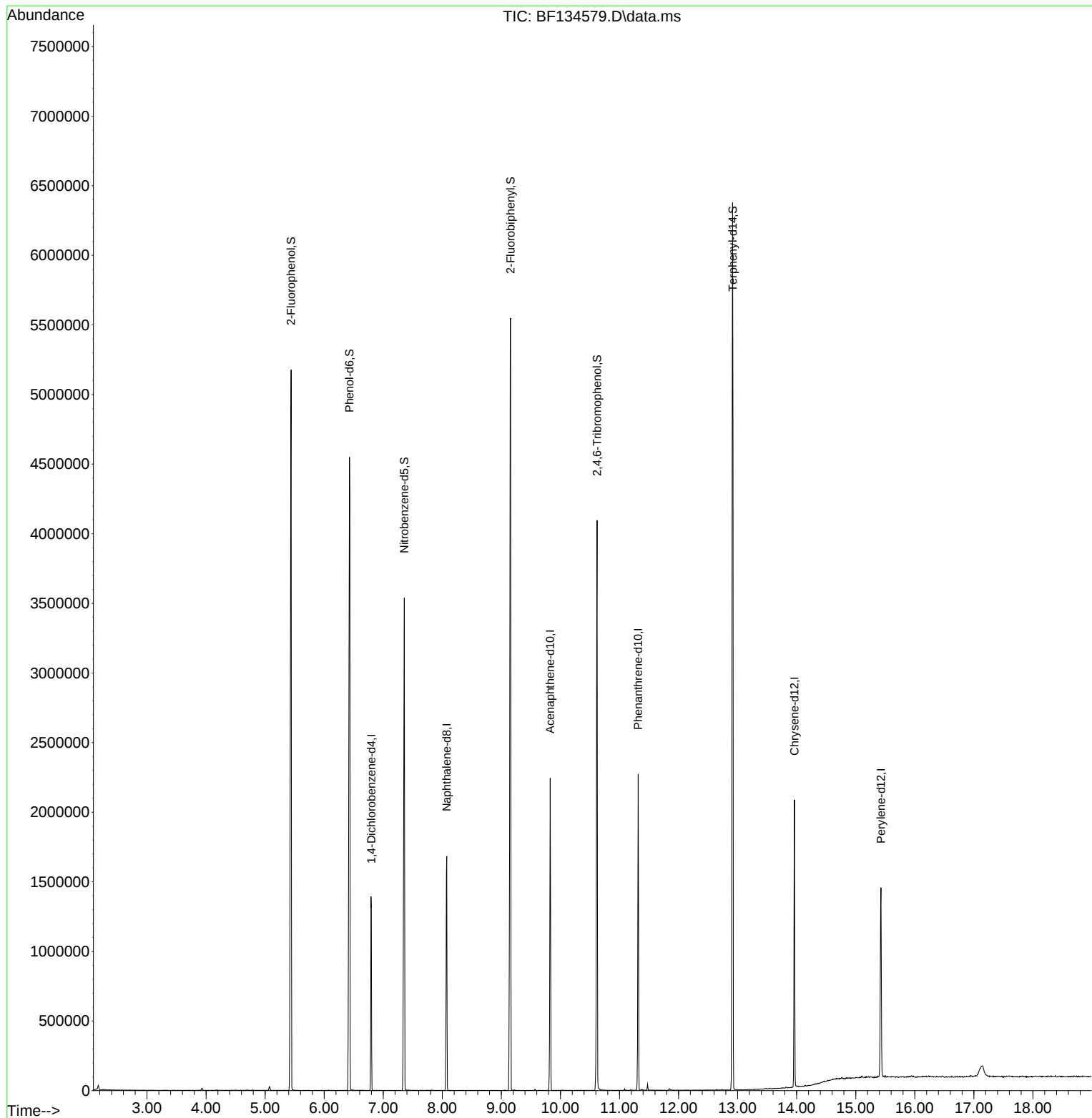
Target Compounds	Qvalue

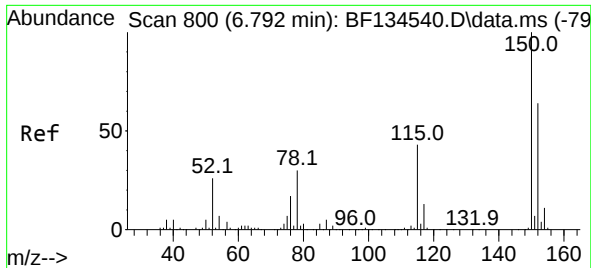
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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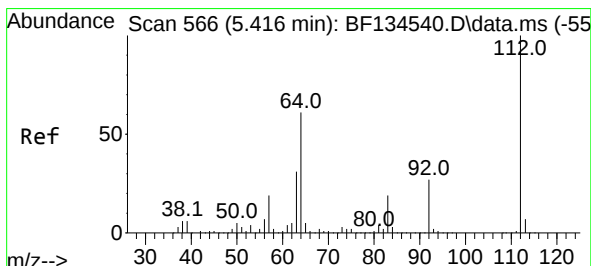
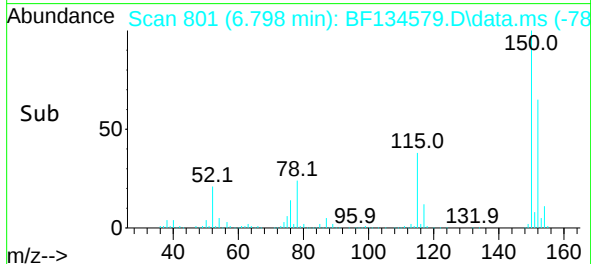
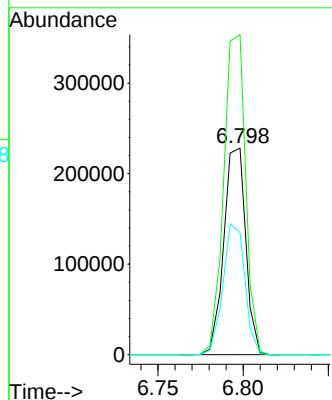
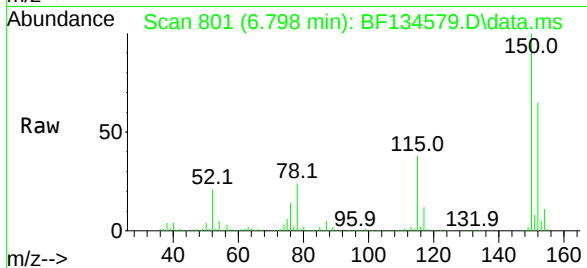




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

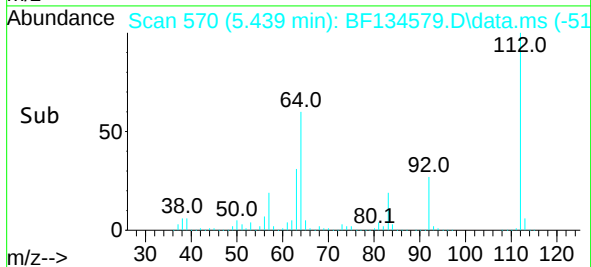
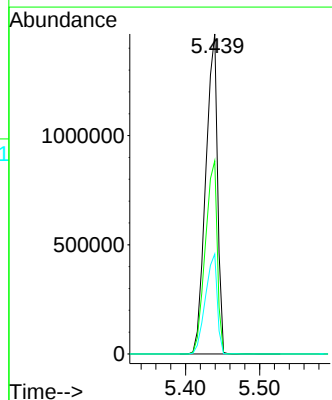
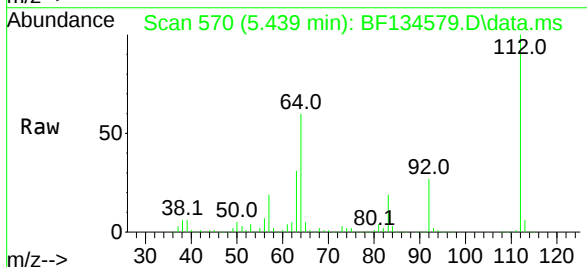
Instrument :
BNA_F
ClientSampleId :
PB154346BL

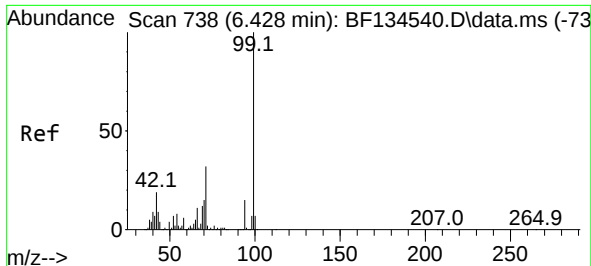
Tgt Ion:152 Resp: 204627
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 59.1 52.4 78.6



#5
2-Fluorophenol
Concen: 120.803 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

Tgt Ion:112 Resp: 1626184
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 31.3 25.4 38.0

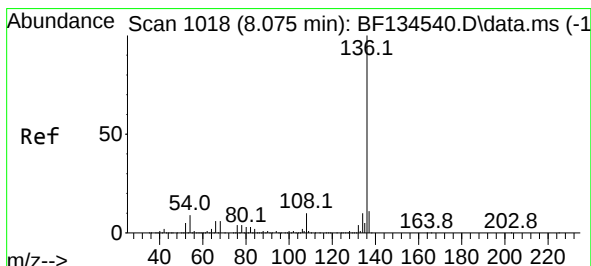
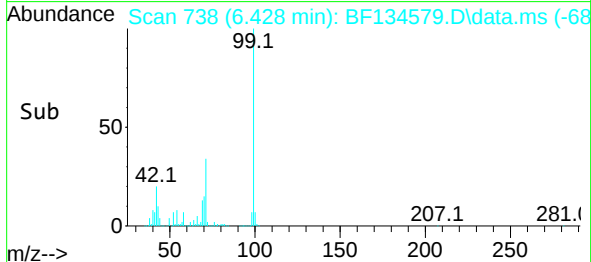
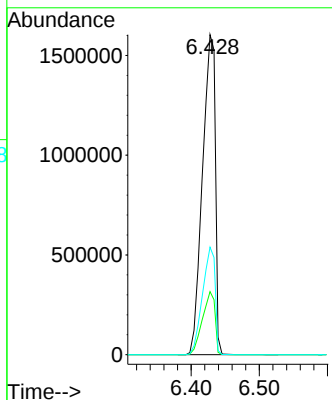
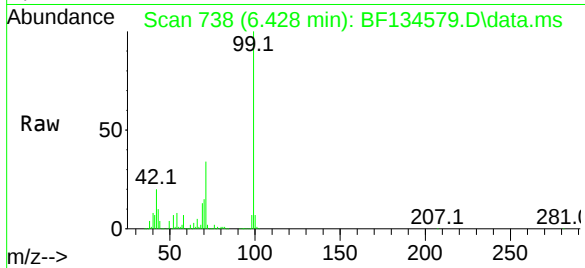




#7
Phenol-d6
Concen: 121.928 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

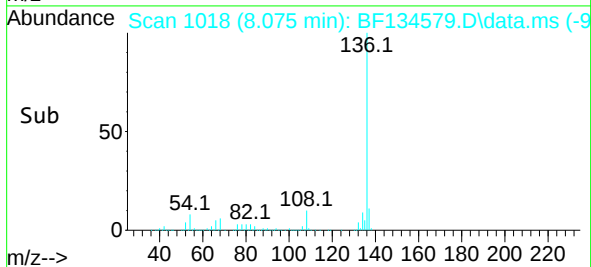
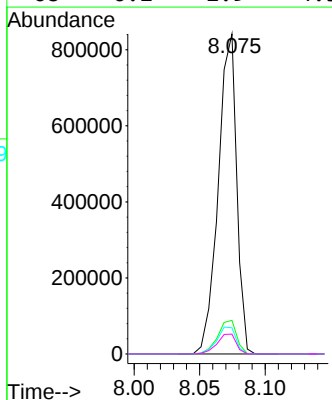
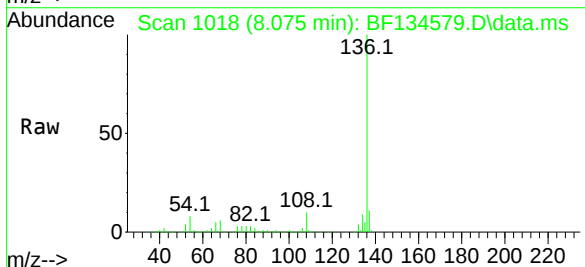
Instrument :
BNA_F
ClientSampleId :
PB154346BL

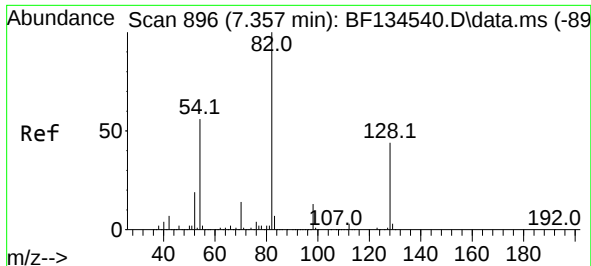
Tgt Ion: 99 Resp: 2098108
Ion Ratio Lower Upper
99 100
42 19.7 18.7 28.1
71 33.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

Tgt Ion: 136 Resp: 822074
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 98.601 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134579.D

Acq: 02 Aug 2023 14:39

Instrument :

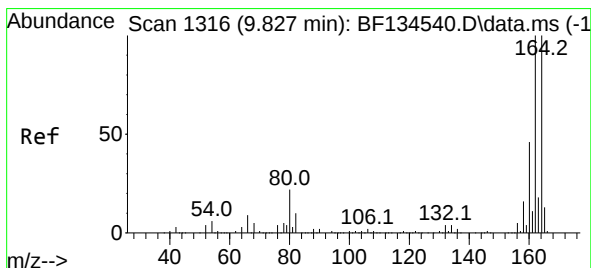
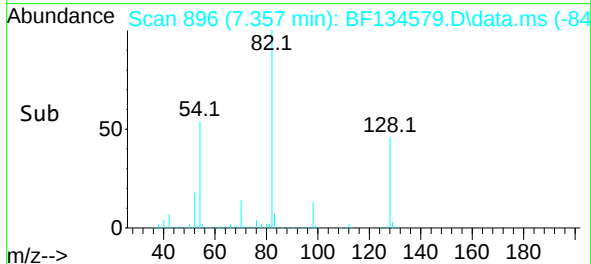
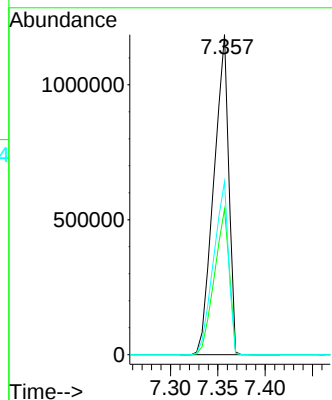
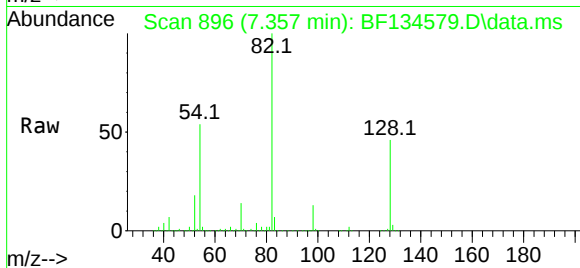
BNA_F

ClientSampleId :

PB154346BL

Tgt Ion: 82 Resp: 1297074

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.3	51.5
54	54.1	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

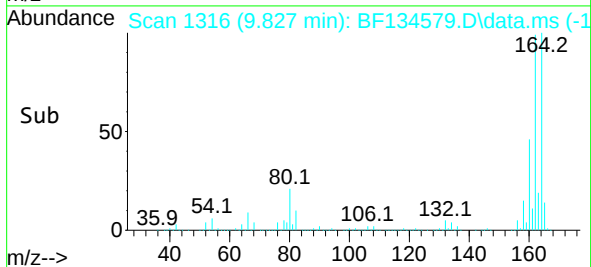
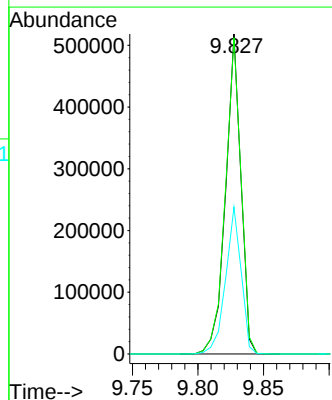
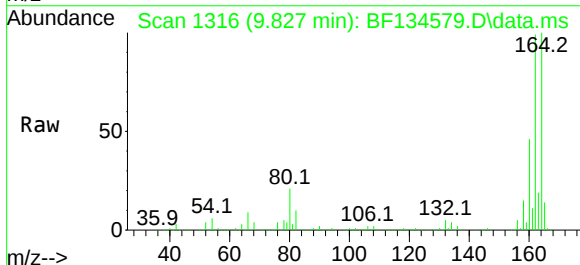
Delta R.T. -0.000 min

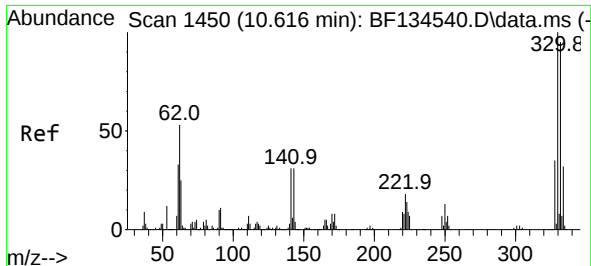
Lab File: BF134579.D

Acq: 02 Aug 2023 14:39

Tgt Ion: 164 Resp: 419386

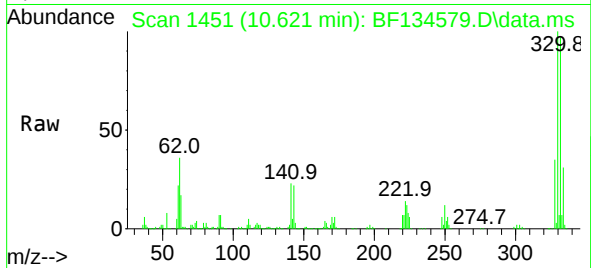
Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.6	123.8
160	45.9	37.2	55.8



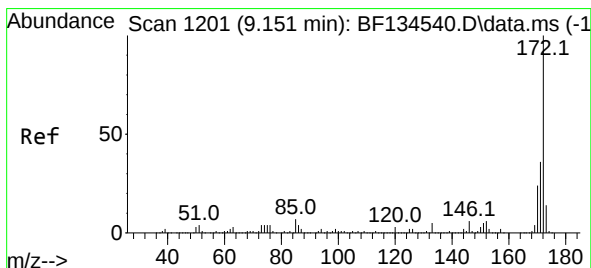
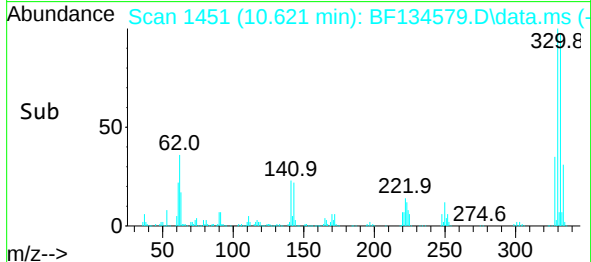
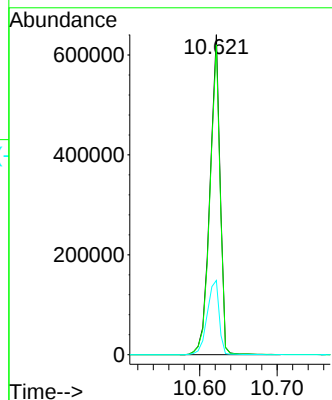


#42
2,4,6-Tribromophenol
Concen: 136.526 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

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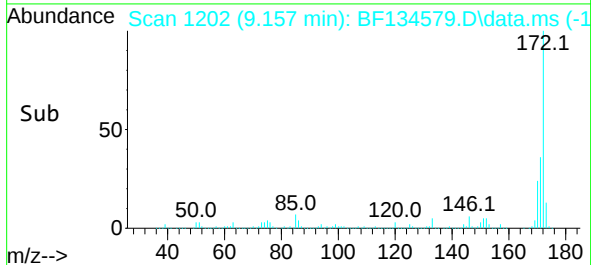
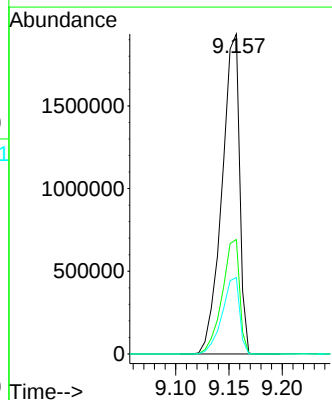
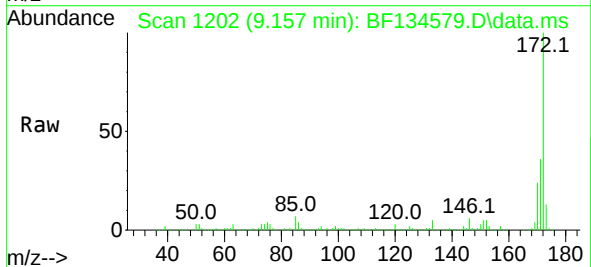


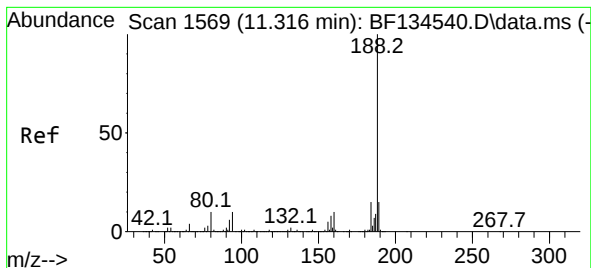
Tgt Ion:330 Resp: 583681
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 27.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 87.962 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF134579.D
Acq: 02 Aug 2023 14:39

Tgt Ion:172 Resp: 2218692
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.9 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: BF134579.D

Acq: 02 Aug 2023 14:39

Instrument :

BNA_F

ClientSampleId :

PB154346BL

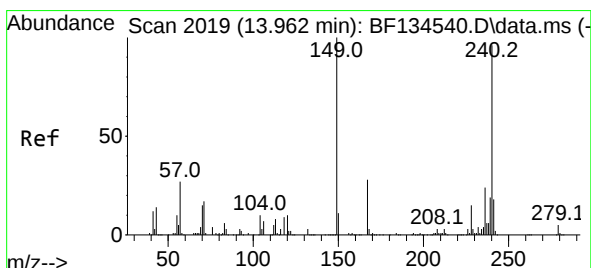
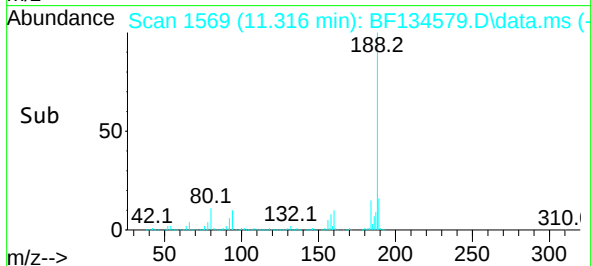
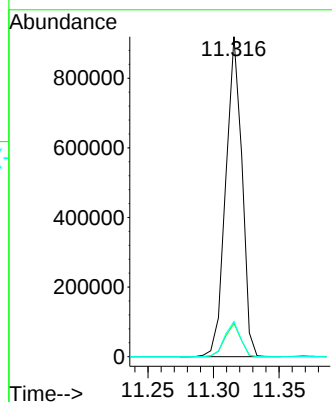
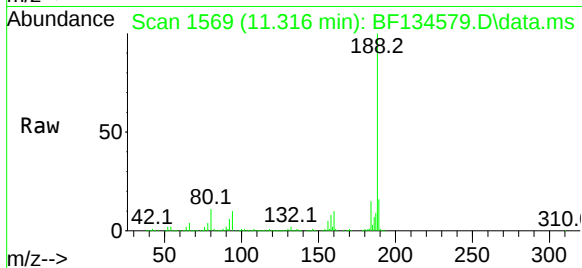
Tgt Ion:188 Resp: 789305

Ion Ratio Lower Upper

188 100

94 10.4 5.1 7.7#

80 11.0 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF134579.D

Acq: 02 Aug 2023 14:39

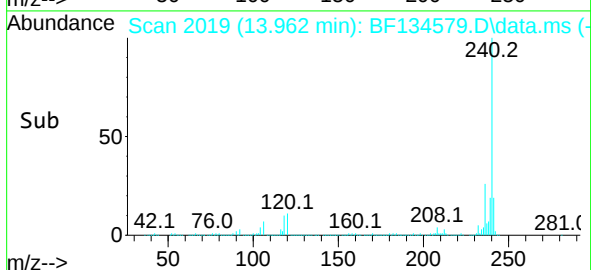
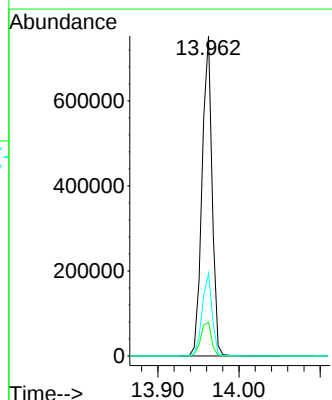
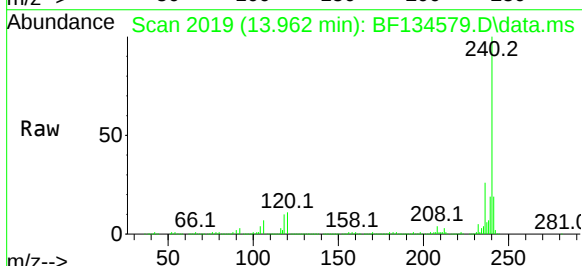
Tgt Ion:240 Resp: 646158

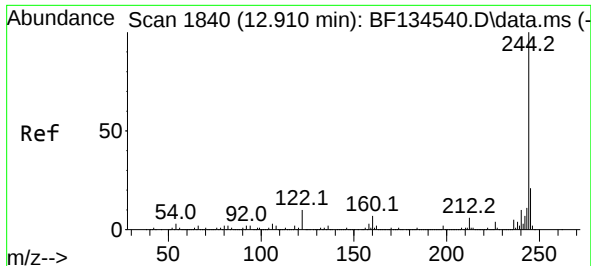
Ion Ratio Lower Upper

240 100

120 10.5 6.6 10.0#

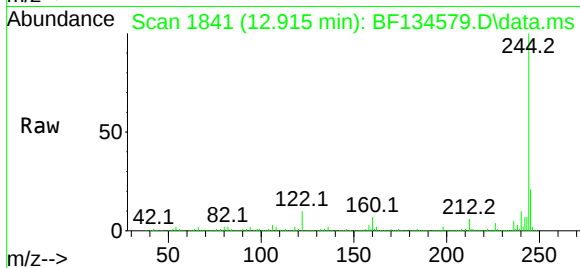
236 25.9 20.2 30.2



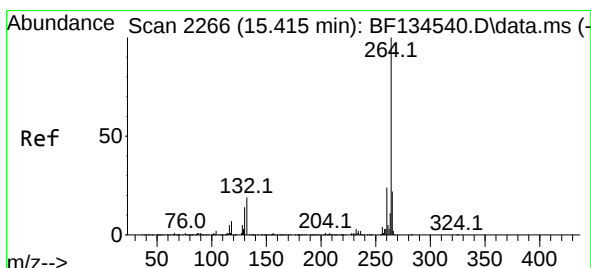
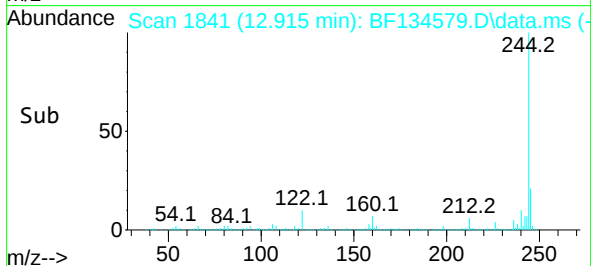
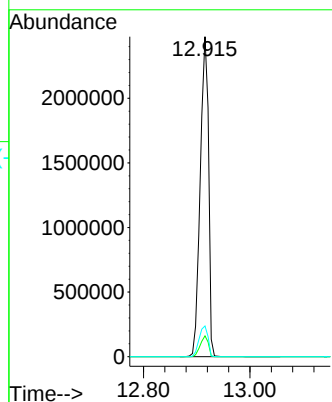


#79
 Terphenyl-d14
 Concen: 73.460 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. 0.006 min
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 Acq: 02 Aug 2023 14:39

Instrument :
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 PB154346BL



Tgt Ion:244 Resp: 2692606
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF134579.D
 Acq: 02 Aug 2023 14:39

Tgt Ion:264 Resp: 628798
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 15.8 23.8

