

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134551.D
 Acq On : 01 Aug 2023 16:43
 Operator : CG\JU
 Sample : 03742-08RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-04RE

Quant Time: Aug 02 02:44:14 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	6.792	152	206924	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	820116	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	407279	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	717068	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	396813	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	394245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	880407	64.676	ng	0.00
7) Phenol-d6	6.416	99	1139029	65.458	ng	-0.01
23) Nitrobenzene-d5	7.345	82	652301	49.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	252883	60.909	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1245988	50.867	ng	0.00
79) Terphenyl-d14	12.904	244	1218794	54.146	ng	0.00

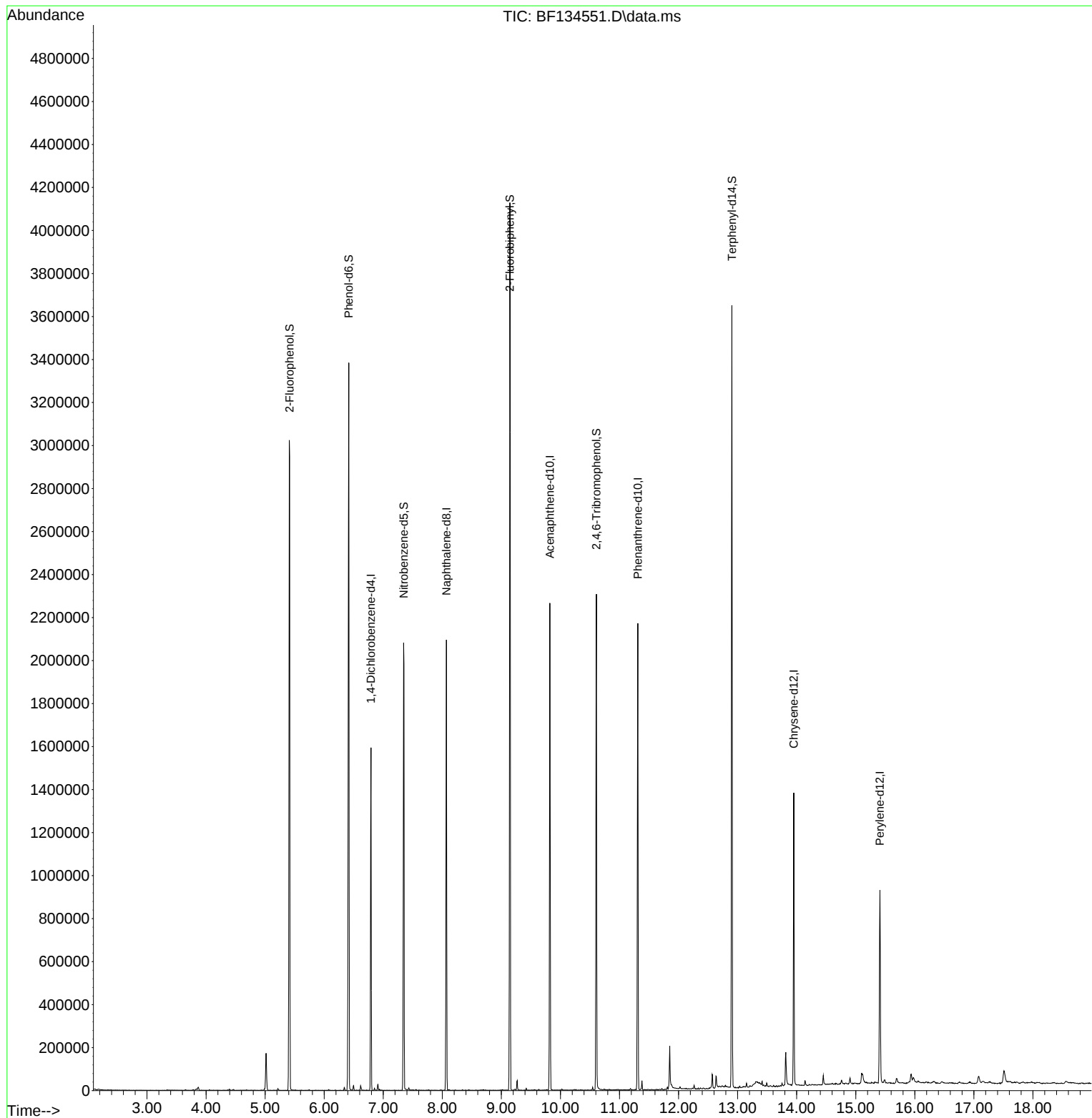
Target Compounds	Qvalue

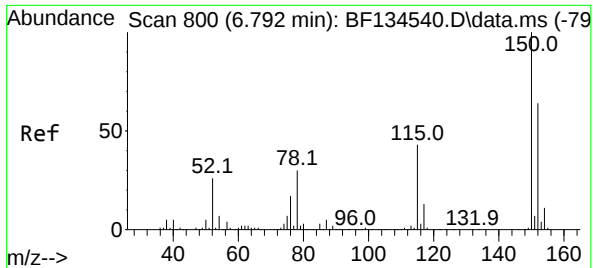
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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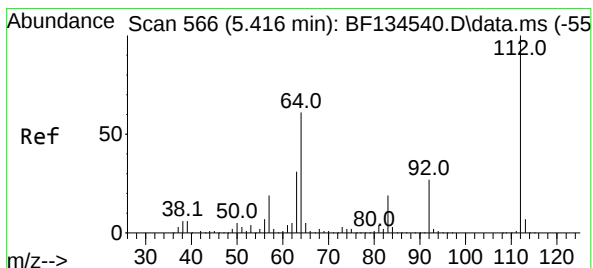
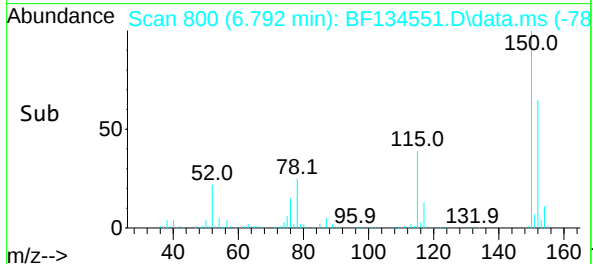
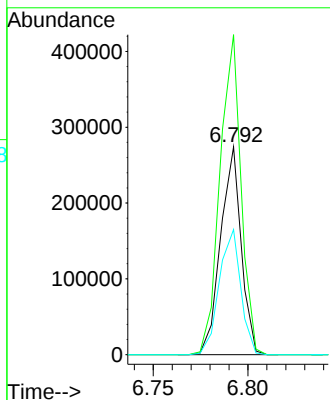
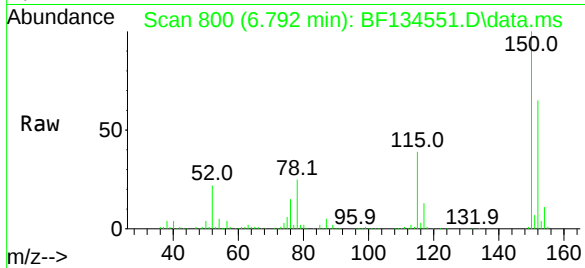




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

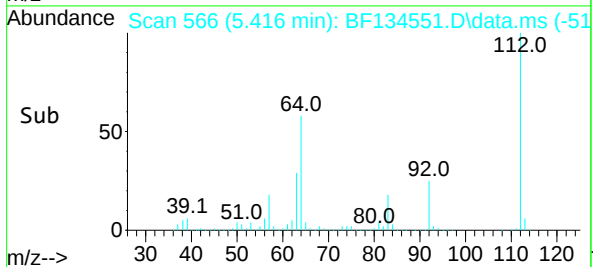
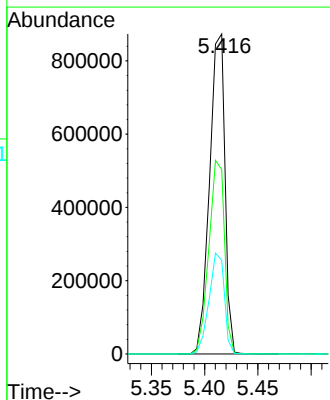
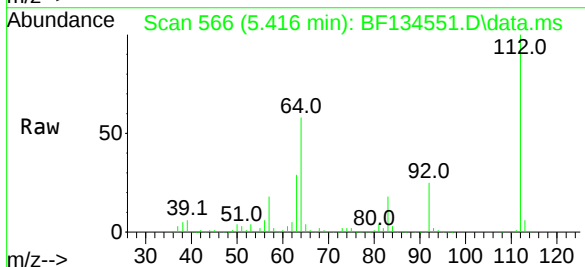
Instrument :
 BNA_F
 ClientSampleId :
 DUP-04RE

Tgt Ion:152 Resp: 206924
 Ion Ratio Lower Upper
 152 100
 150 153.9 128.3 192.5
 115 60.2 52.4 78.6



#5
 2-Fluorophenol
 Concen: 64.676 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

Tgt Ion:112 Resp: 880407
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.9 67.3
 63 29.3 25.4 38.0

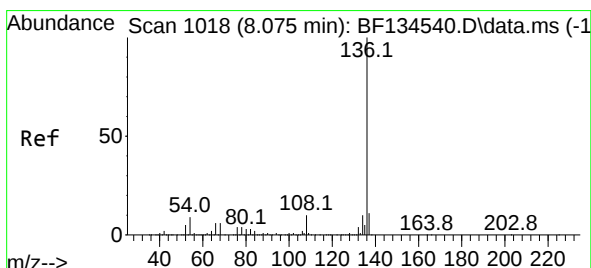
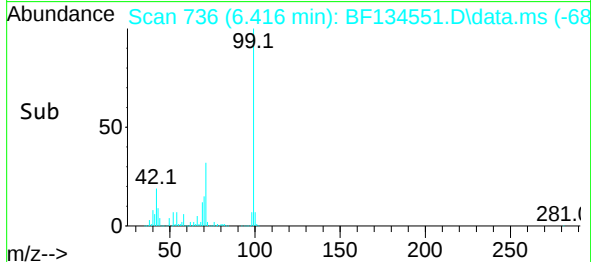
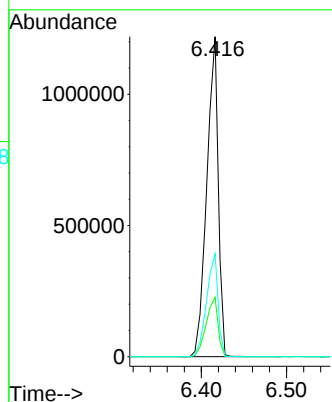
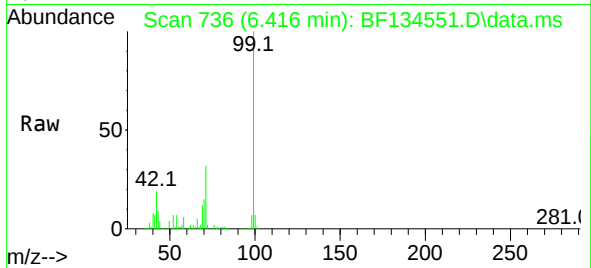




#7
Phenol-d6
Concen: 65.458 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

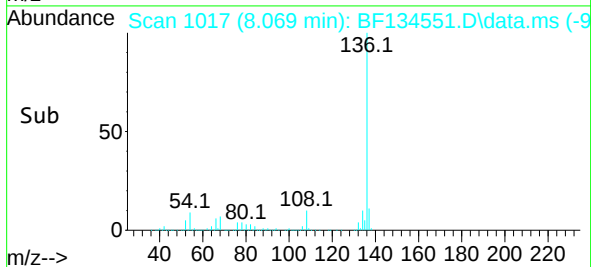
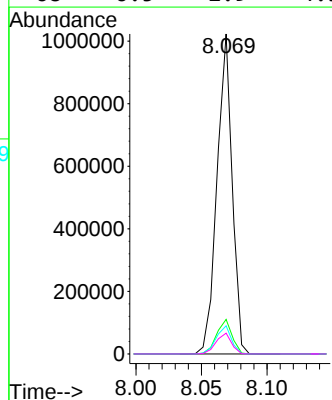
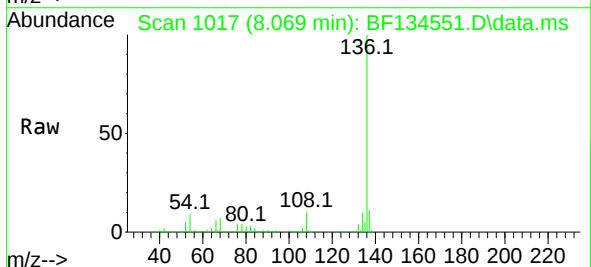
Instrument :
BNA_F
ClientSampleId :
DUP-04RE

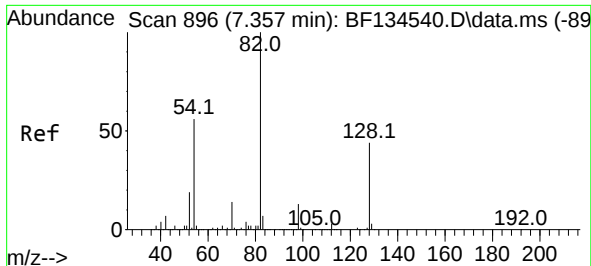
Tgt Ion: 99 Resp: 1139029
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

Tgt Ion:136 Resp: 820116
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 5.2 7.8#
68 6.5 2.9 4.3#

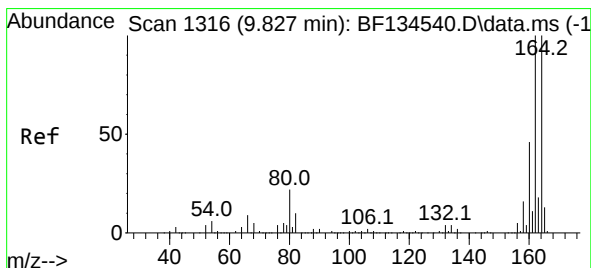
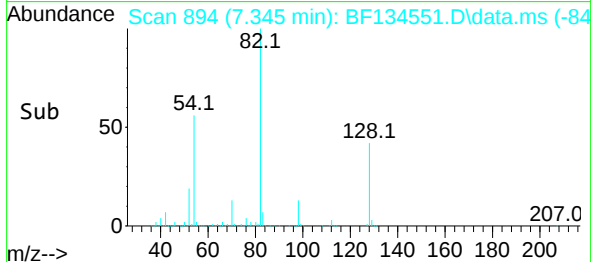
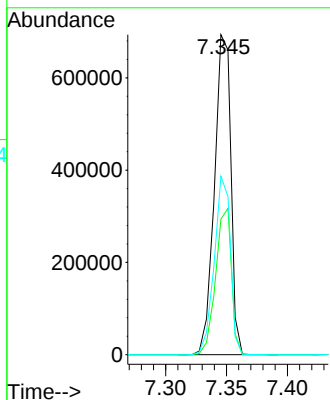
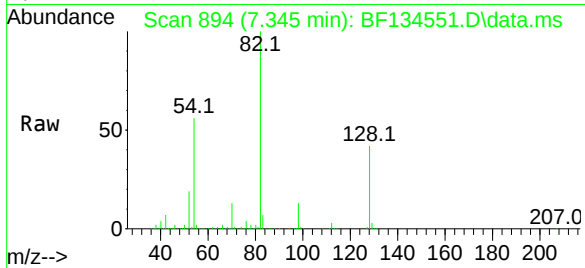




#23
 Nitrobenzene-d5
 Concen: 49.705 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

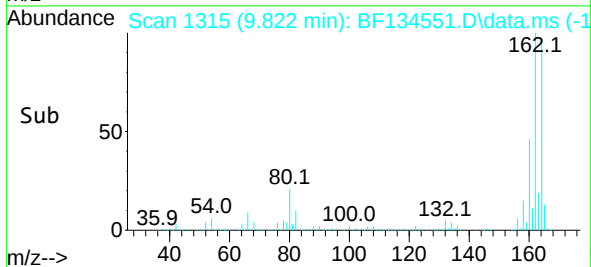
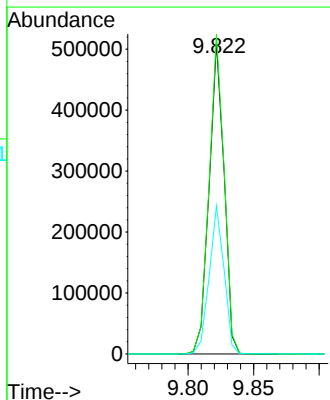
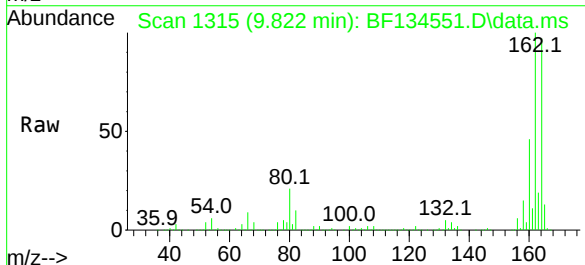
Instrument :
 BNA_F
 ClientSampleId :
 DUP-04RE

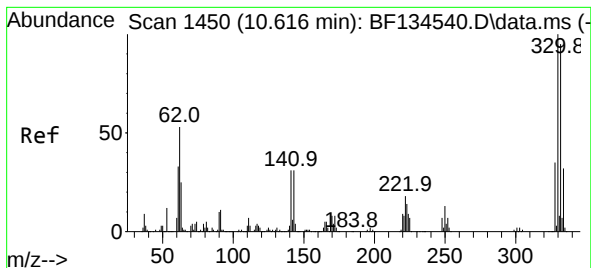
Tgt Ion: 82 Resp: 652301
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.3 51.5
 54 55.8 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

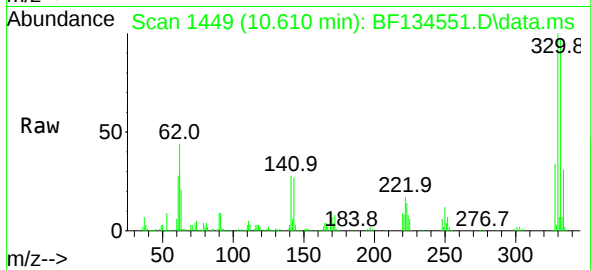
Tgt Ion:164 Resp: 407279
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 47.5 37.2 55.8



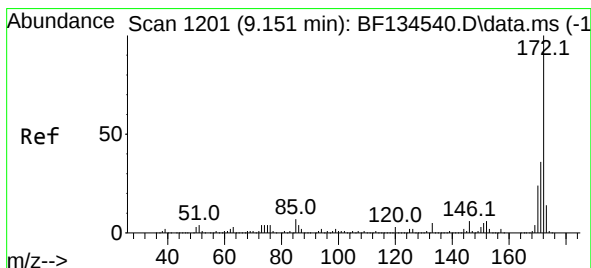
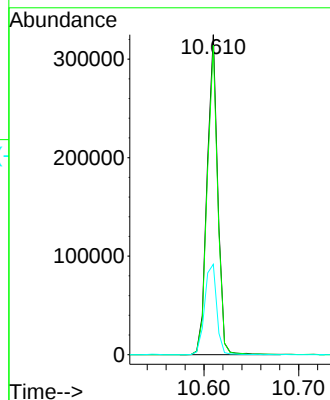
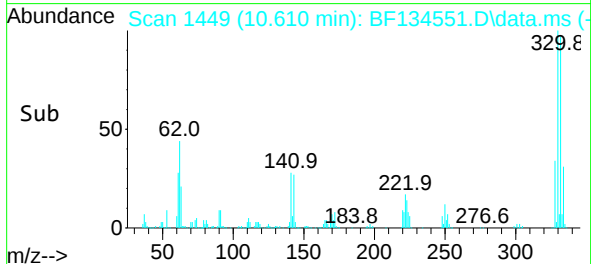


#42
2,4,6-Tribromophenol
Concen: 60.909 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43

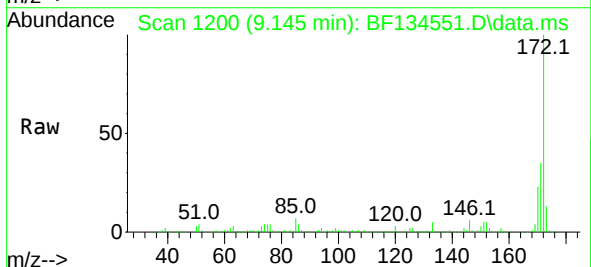
Instrument :
BNA_F
ClientSampleId :
DUP-04RE



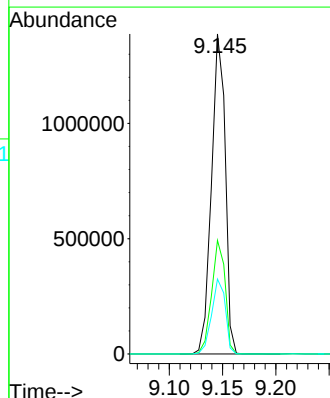
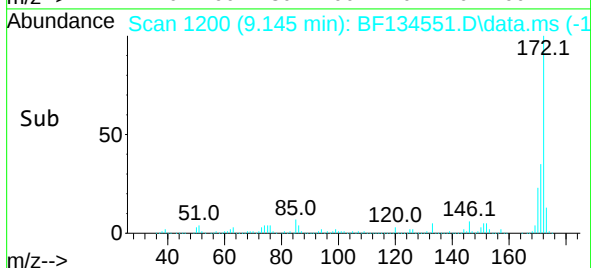
Tgt Ion:330 Resp: 252883
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 32.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 50.867 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF134551.D
Acq: 01 Aug 2023 16:43



Tgt Ion:172 Resp: 1245988
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 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: BF134551.D

Acq: 01 Aug 2023 16:43

Instrument :

BNA_F

ClientSampleId :

DUP-04RE

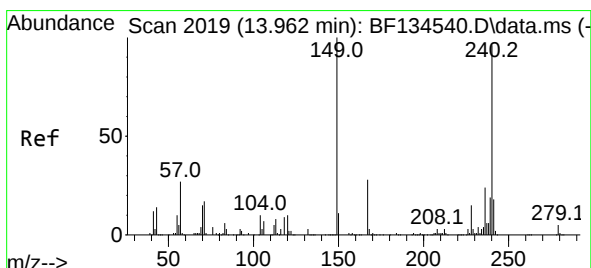
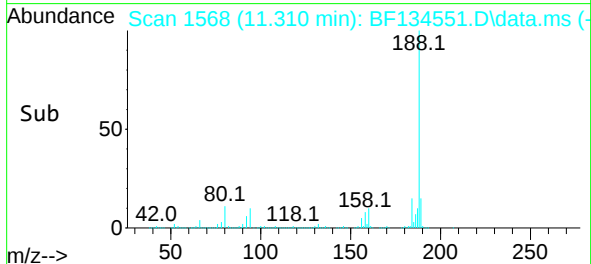
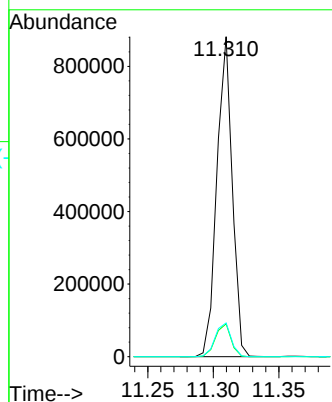
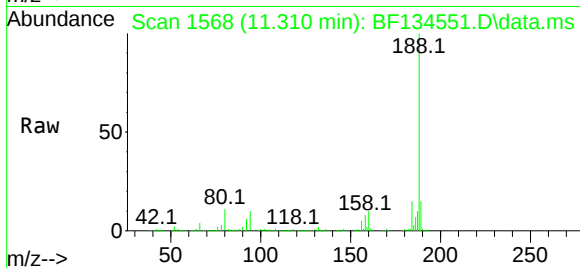
Tgt Ion:188 Resp: 717068

Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 10.6 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF134551.D

Acq: 01 Aug 2023 16:43

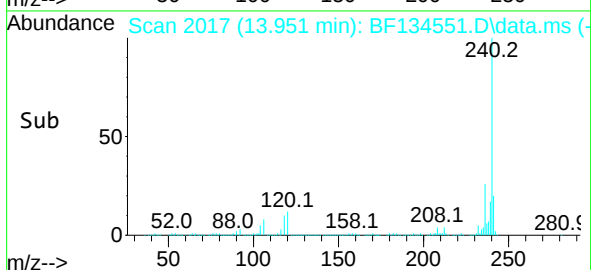
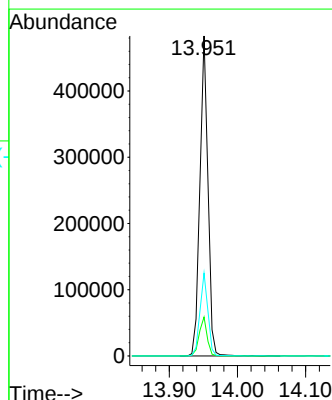
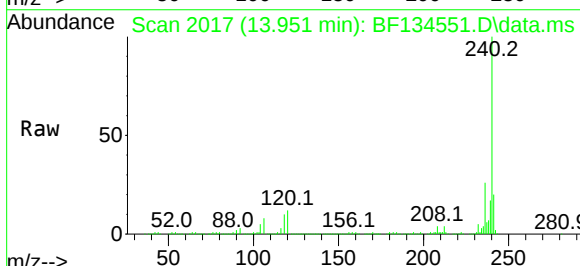
Tgt Ion:240 Resp: 396813

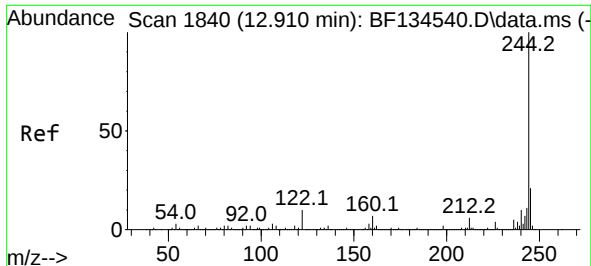
Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0#

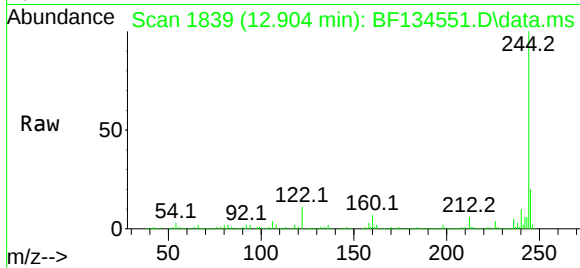
236 25.9 20.2 30.2





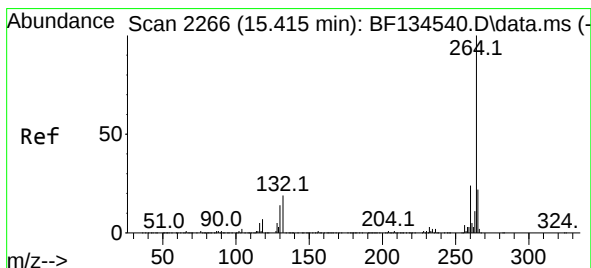
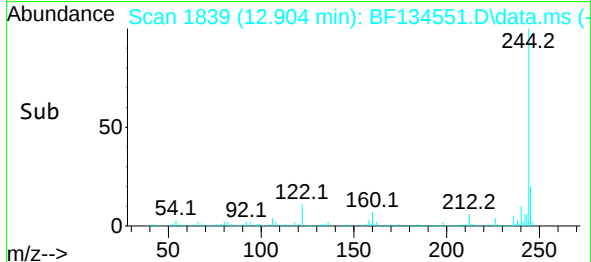
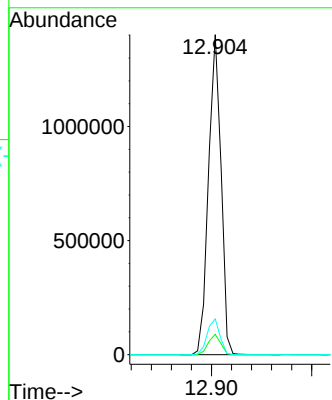
#79
 Terphenyl-d14
 Concen: 54.146 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-04RE



Tgt Ion:244 Resp: 1218794

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	11.2	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134551.D
 Acq: 01 Aug 2023 16:43

Tgt Ion:264 Resp: 394245

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	15.8	23.8

