

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132577.D
 Acq On : 28 Feb 2023 17:53
 Operator : CG\JU
 Sample : 01723-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-14

Quant Time: Mar 01 02:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	240346	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	943596	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	490477	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	966586	20.000	ng	0.00
76) Chrysene-d12	14.198	240	621903	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	456371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	453691	30.636	ng	0.00
7) Phenol-d6	6.622	99	1227491	63.511	ng	-0.01
23) Nitrobenzene-d5	7.563	82	1001665	50.364	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	77170	14.569	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1767183	54.861	ng	0.00
79) Terphenyl-d14	13.133	244	2179550	59.255	ng	0.00

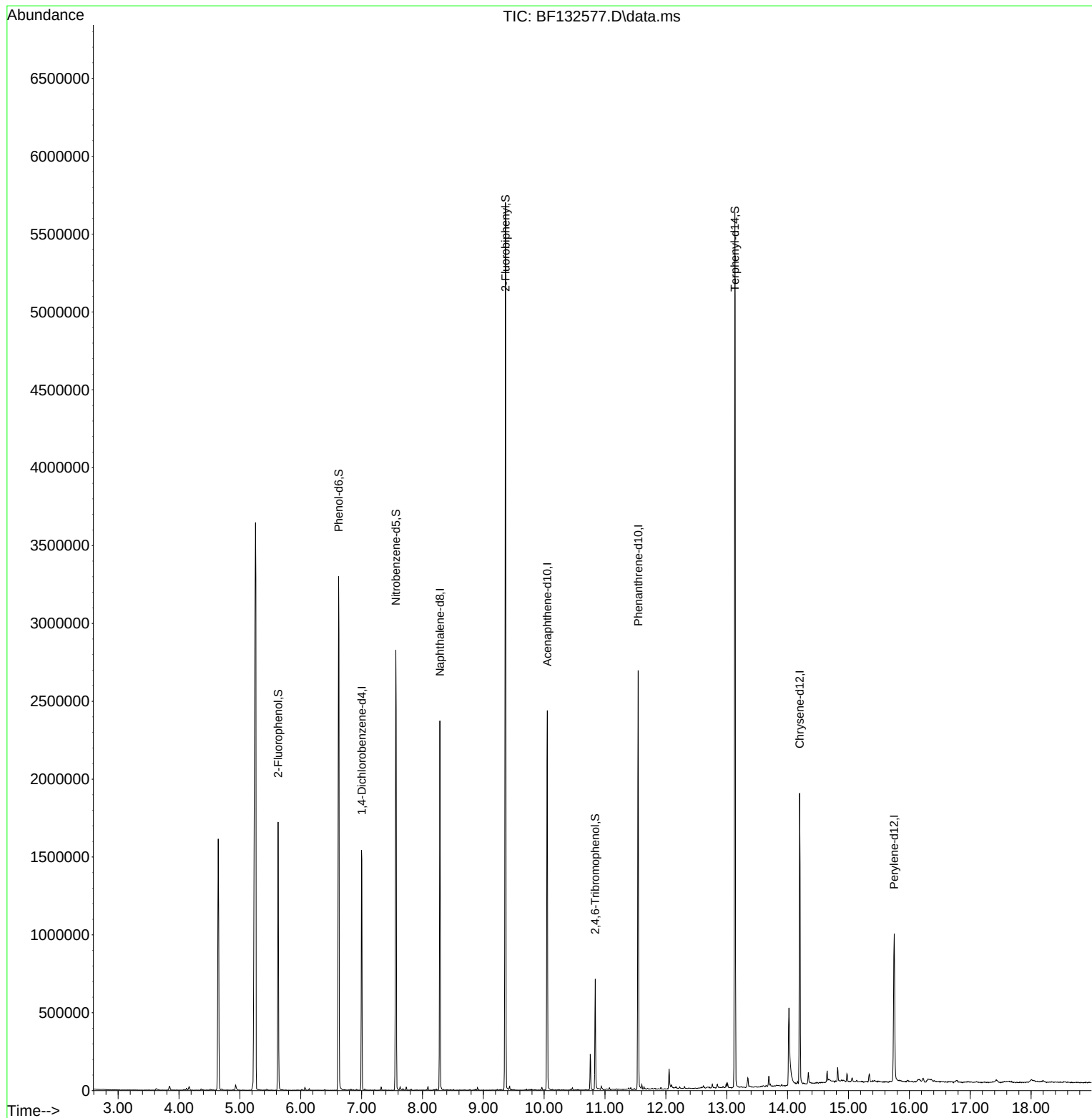
Target Compounds	Qvalue

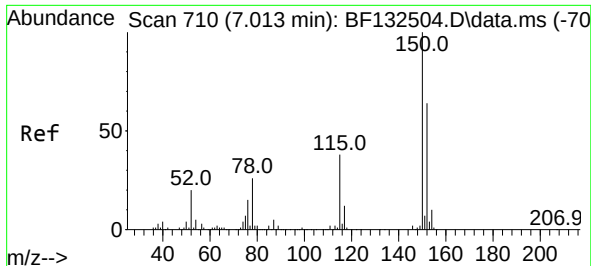
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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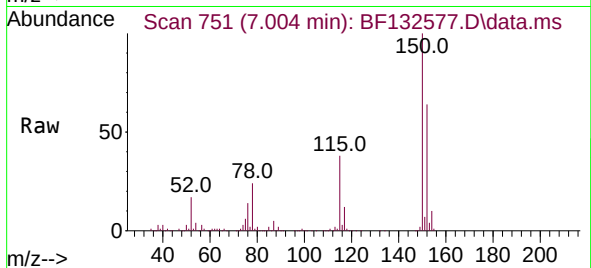
Quant Time: Mar 01 02:29:14 2023
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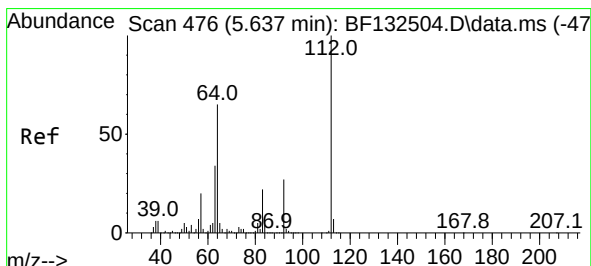
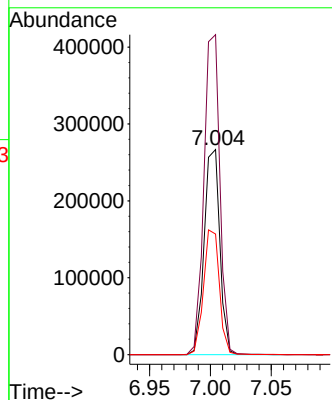
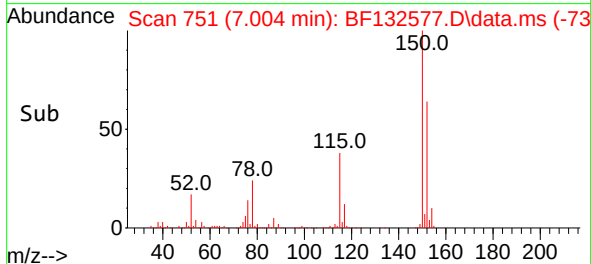


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53

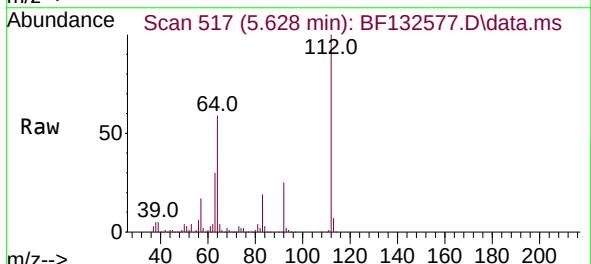
Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-14



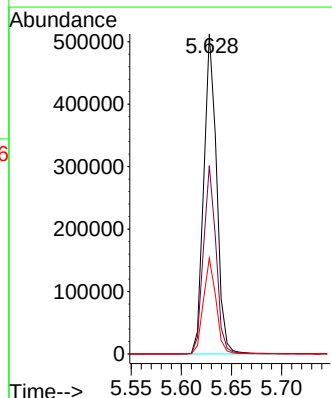
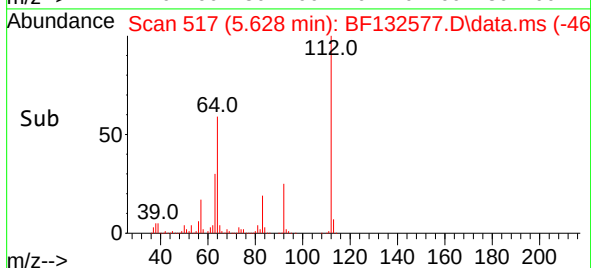
Tgt Ion:152 Resp: 240346
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.4 188.2
 115 58.8 47.8 71.6

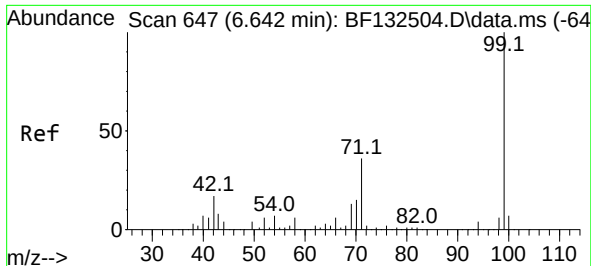


#5
 2-Fluorophenol
 Concen: 30.636 ng
 RT: 5.628 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53



Tgt Ion:112 Resp: 453691
 Ion Ratio Lower Upper
 112 100
 64 58.8 51.6 77.4
 63 29.9 27.4 41.2



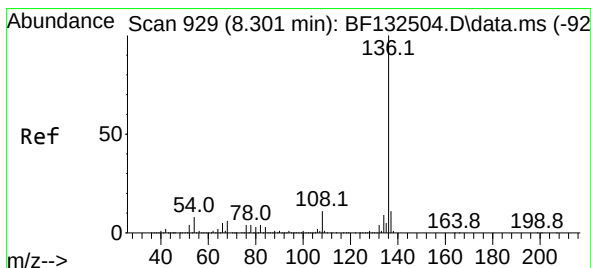
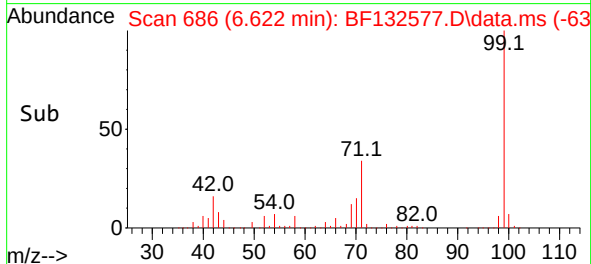
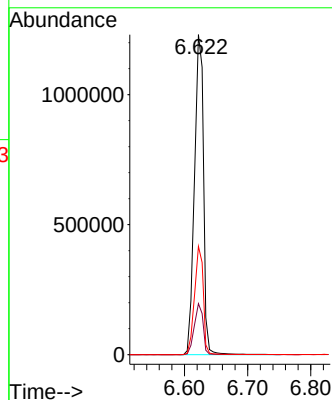
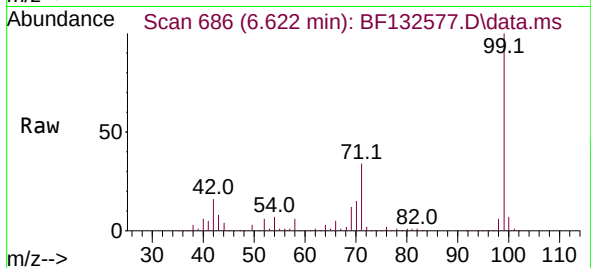


#7
Phenol-d6
Concen: 63.511 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Instrument :
BNA_F
ClientSampleId :
HH-CON-14

Tgt Ion: 99 Resp: 1227491

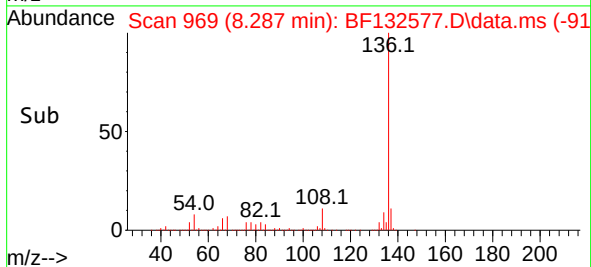
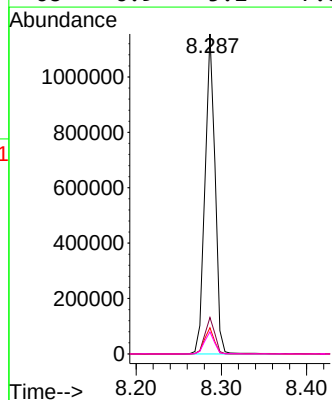
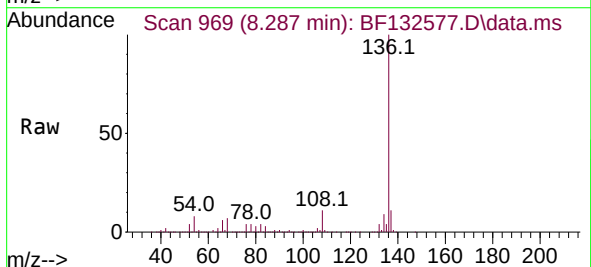
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	33.8	28.5	42.7

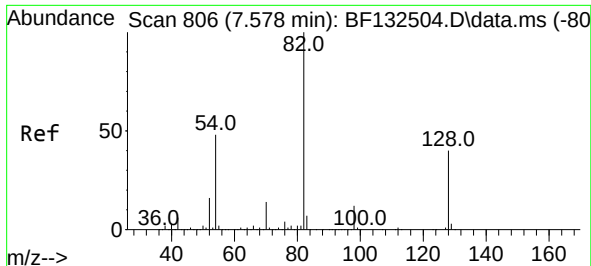


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion: 136 Resp: 943596

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.2	9.4
68	6.9	5.2	7.8

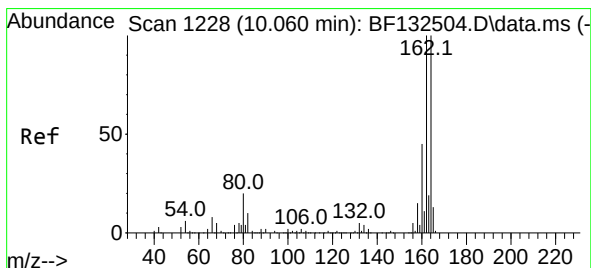
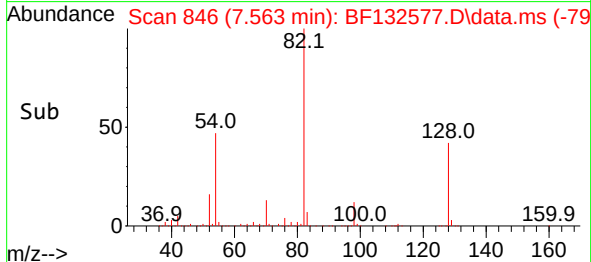
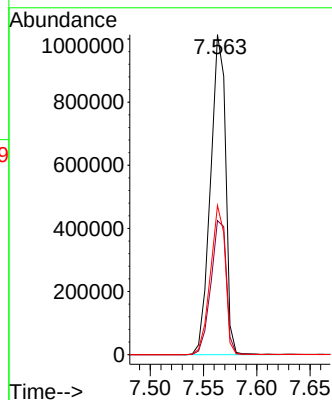
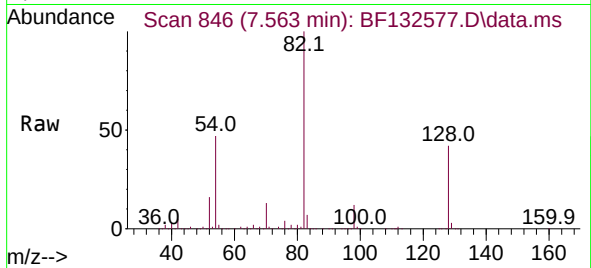




#23
Nitrobenzene-d5
Concen: 50.364 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

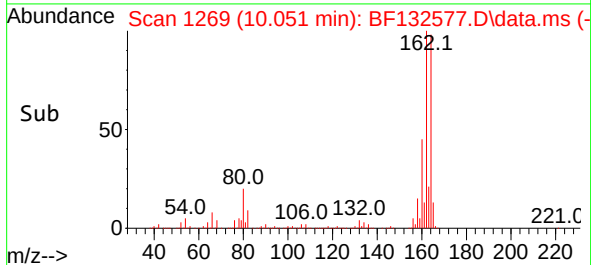
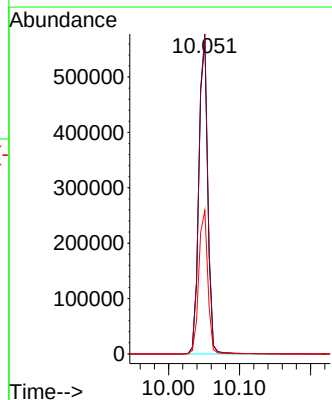
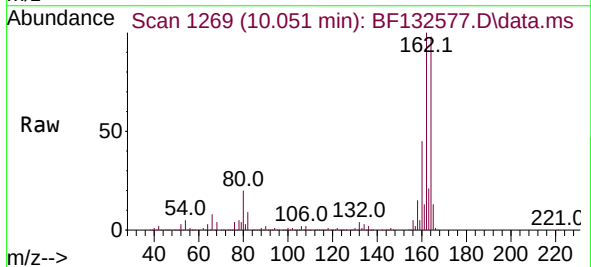
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

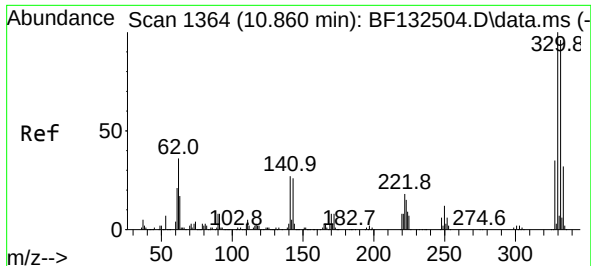
Tgt Ion: 82 Resp: 1001665
Ion Ratio Lower Upper
82 100
128 41.9 32.2 48.2
54 46.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion:164 Resp: 490477
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.8
160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 14.569 ng

RT: 10.839 min Scan# 14

Delta R.T. -0.009 min

Lab File: BF132577.D

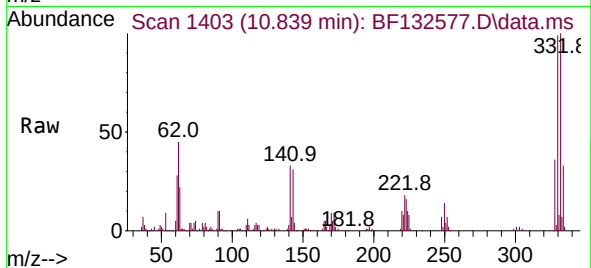
Acq: 28 Feb 2023 17:53

Instrument :

BNA_F

ClientSampleId :

HH-CON-14



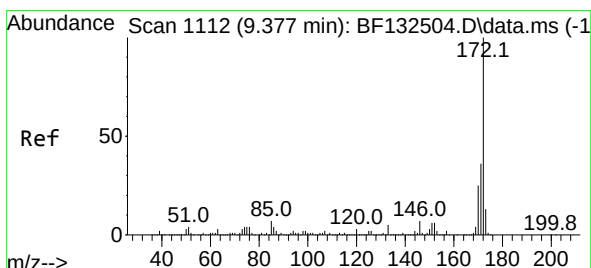
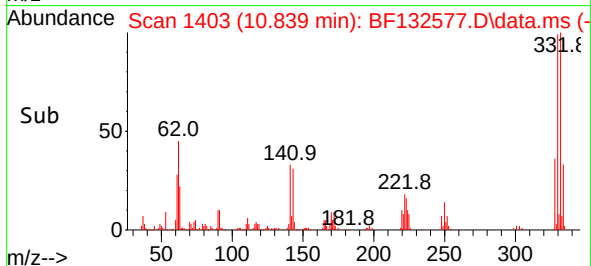
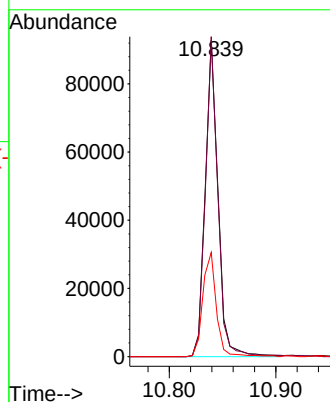
Tgt Ion:330 Resp: 77170

Ion Ratio Lower Upper

330 100

332 98.9 76.2 114.4

141 34.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 54.861 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132577.D

Acq: 28 Feb 2023 17:53

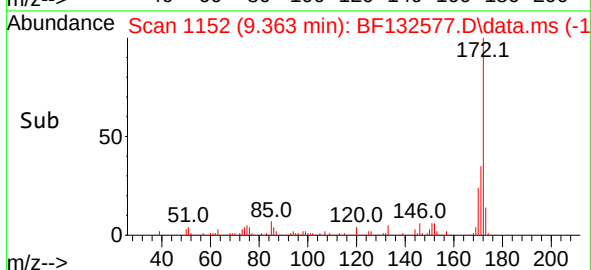
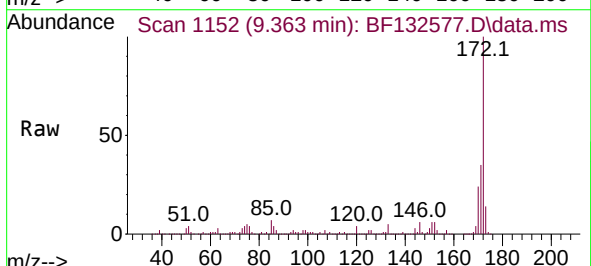
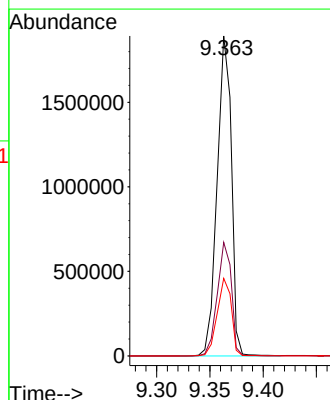
Tgt Ion:172 Resp: 1767183

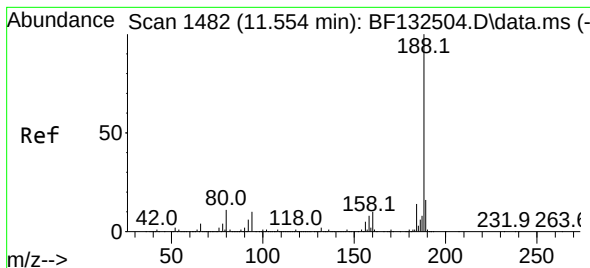
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.2 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132577.D

Acq: 28 Feb 2023 17:53

Instrument :

BNA_F

ClientSampleId :

HH-CON-14

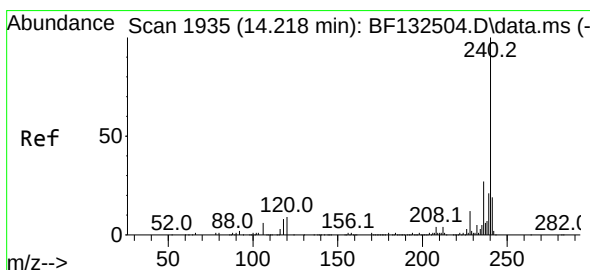
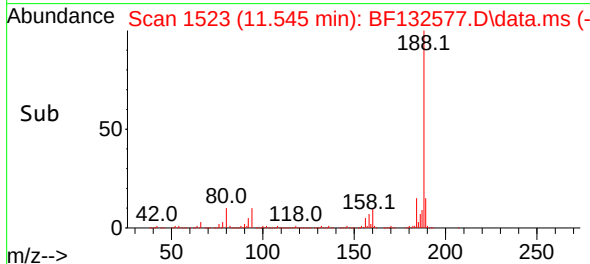
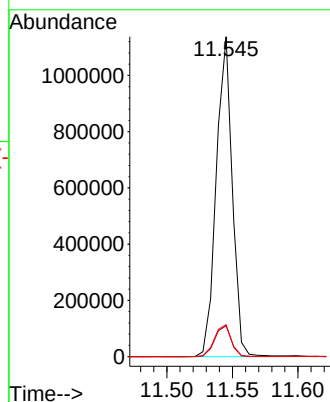
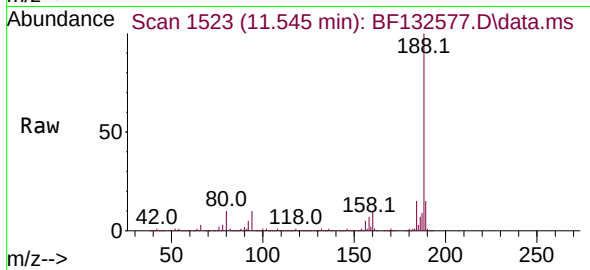
Tgt Ion:188 Resp: 966586

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.0 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BF132577.D

Acq: 28 Feb 2023 17:53

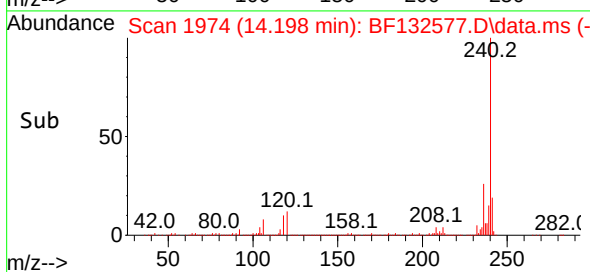
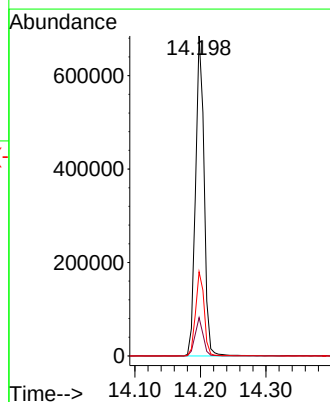
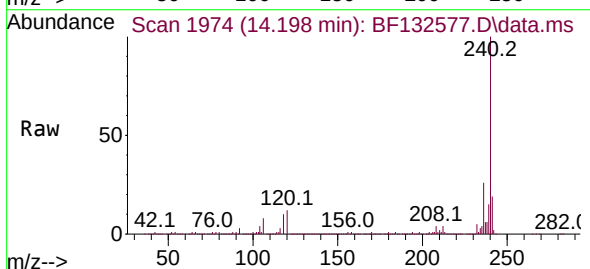
Tgt Ion:240 Resp: 621903

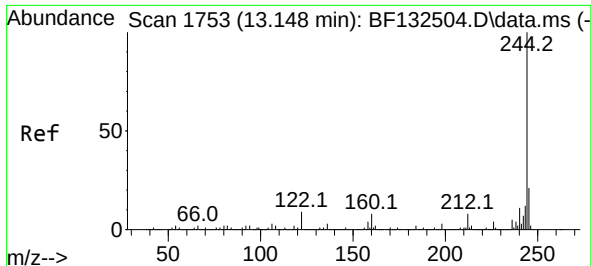
Ion Ratio Lower Upper

240 100

120 12.0 7.2 10.8#

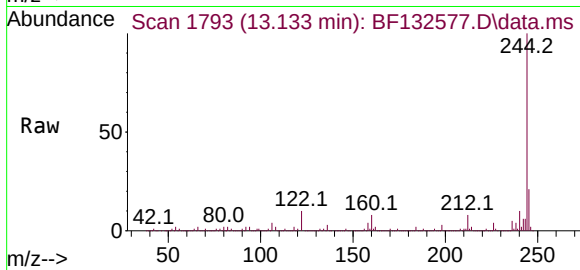
236 26.3 21.8 32.6



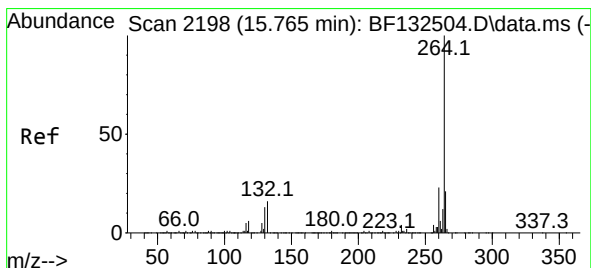
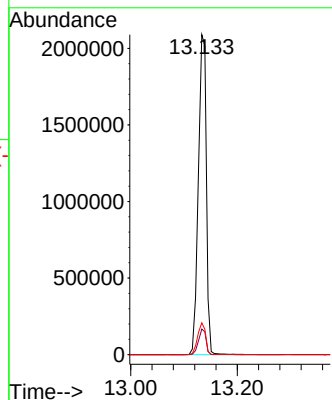
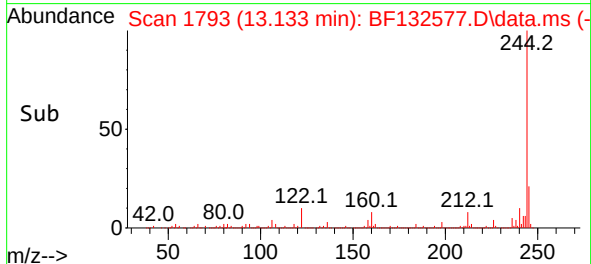


#79
 Terphenyl-d14
 Concen: 59.255 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-14



Tgt Ion:244 Resp: 2179550
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53

Tgt Ion:264 Resp: 456371
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.9 17.1 25.7

