

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132573.D
 Acq On : 28 Feb 2023 15:44
 Operator : CG\JU
 Sample : 01723-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-1

Quant Time: Feb 28 16:05:24 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	185597	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	683256	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	537015	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	1006045	20.000	ng	0.00
76) Chrysene-d12	14.204	240	742911	20.000	ng	0.00
86) Perylene-d12	15.757	264	562931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	800148	69.970	ng	0.00
7) Phenol-d6	6.628	99	1069865	71.685	ng	0.00
23) Nitrobenzene-d5	7.563	82	740859	51.444	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	375881	64.812	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1742971	49.421	ng	0.00
79) Terphenyl-d14	13.139	244	2187794	49.791	ng	0.00

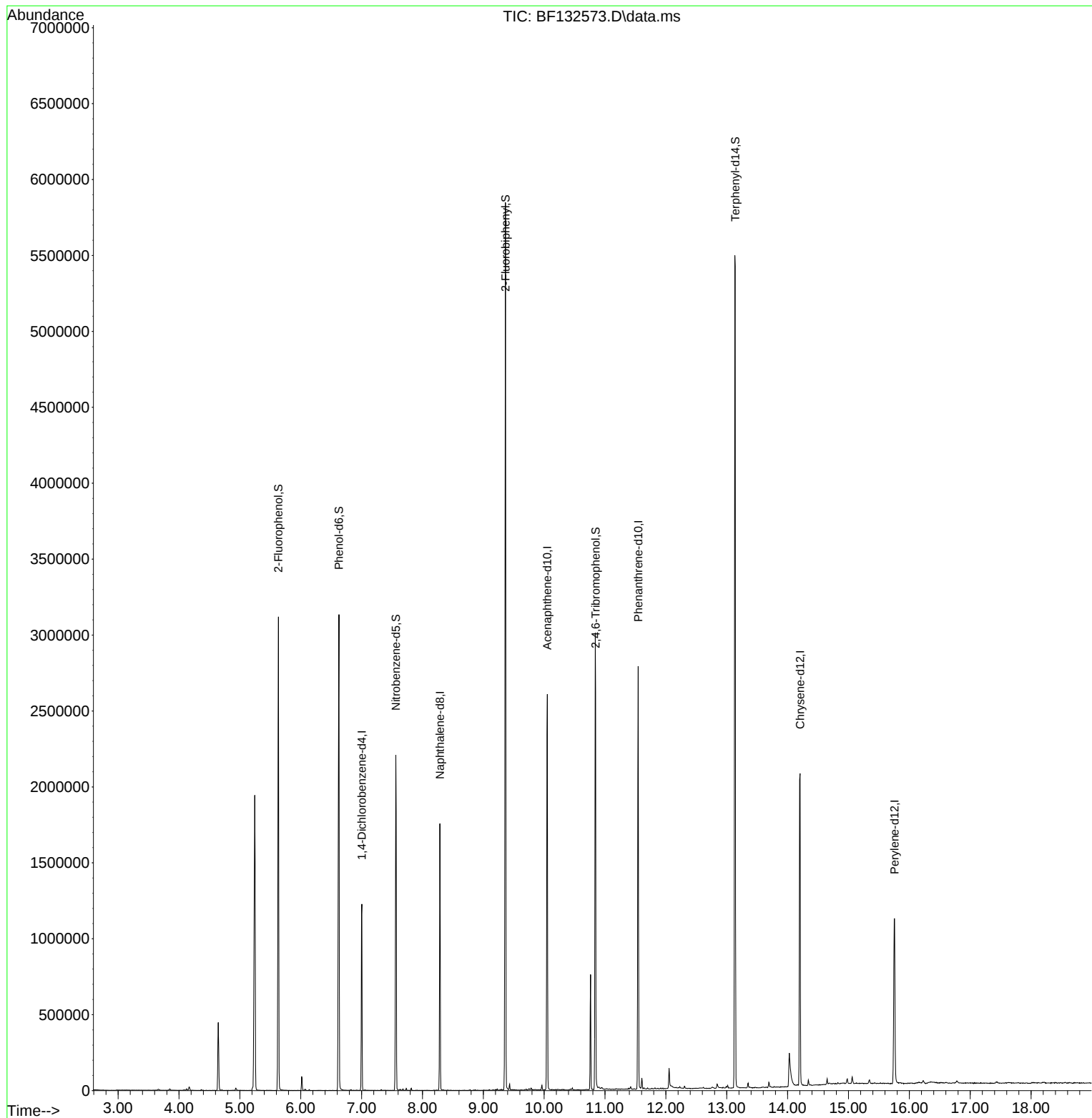
Target Compounds	Qvalue

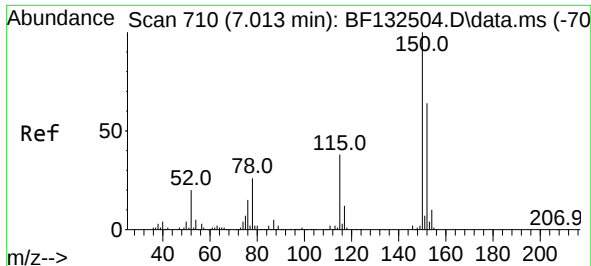
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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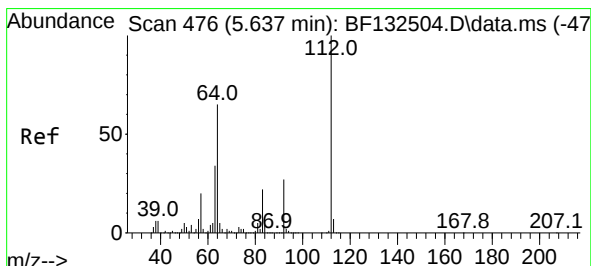
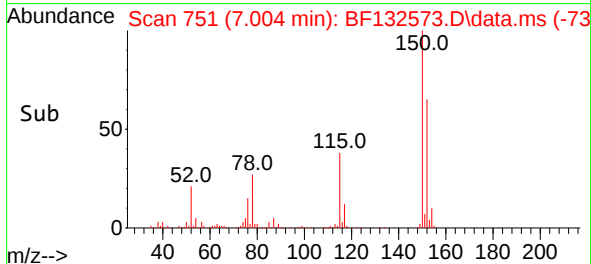
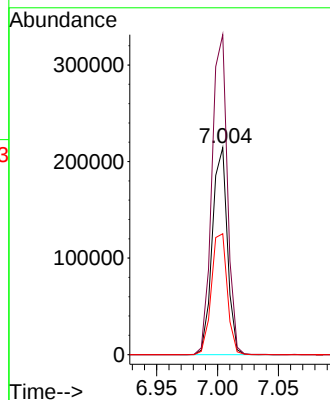
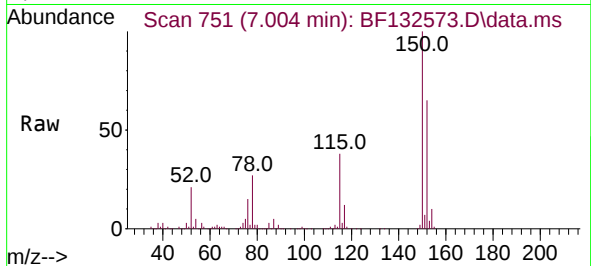




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

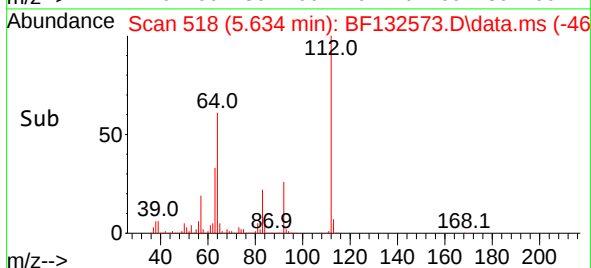
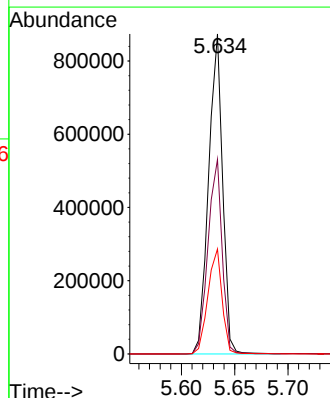
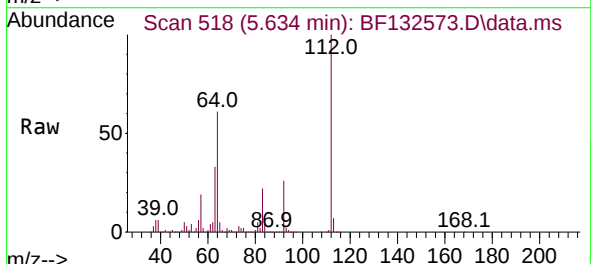
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

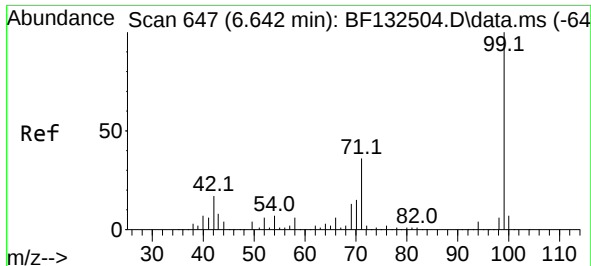
Tgt Ion:152 Resp: 185597
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 58.4 47.8 71.6



#5
2-Fluorophenol
Concen: 69.970 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

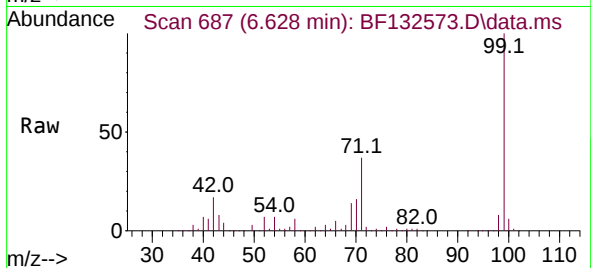
Tgt Ion:112 Resp: 800148
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.8 27.4 41.2





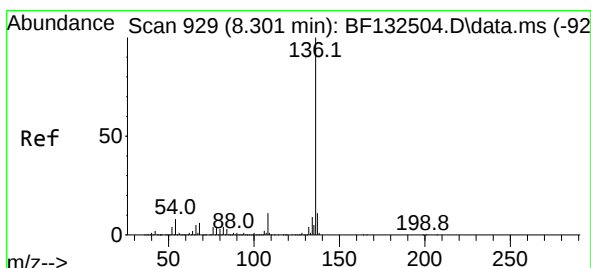
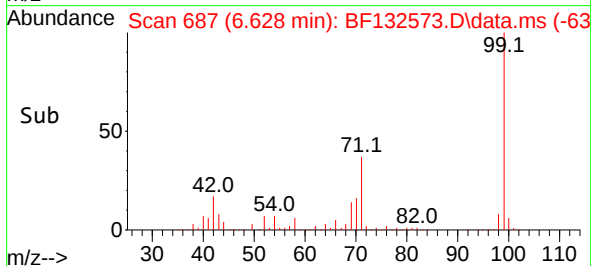
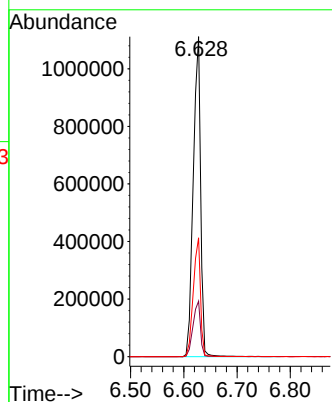
#7
Phenol-d6
Concen: 71.685 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Instrument :
BNA_F
ClientSampleId :
HH-CON-1



Tgt Ion: 99 Resp: 1069865

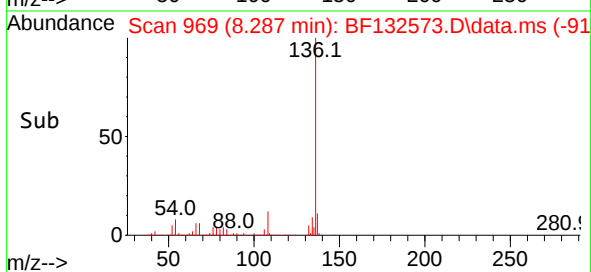
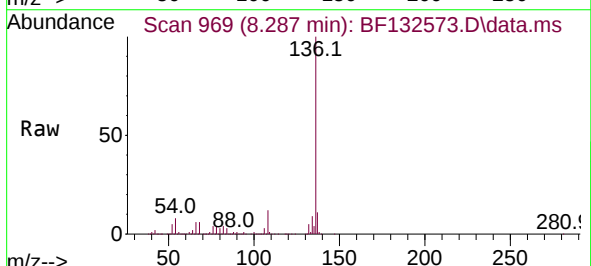
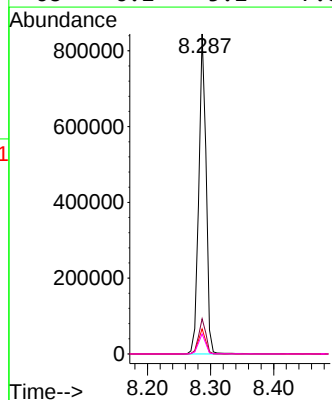
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.9	20.9
71	37.1	28.5	42.7

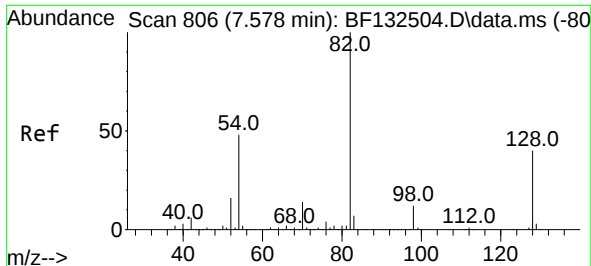


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion: 136 Resp: 683256

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.2	9.4
68	6.2	5.2	7.8

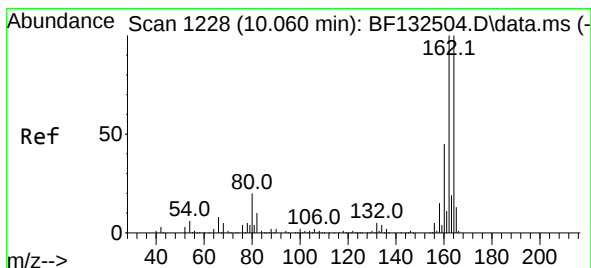
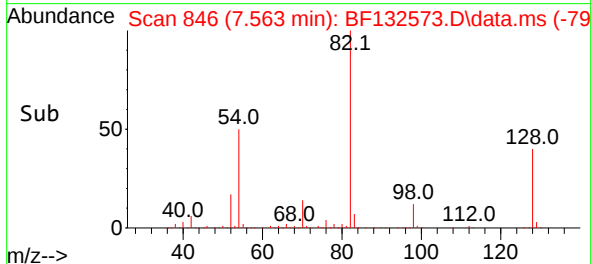
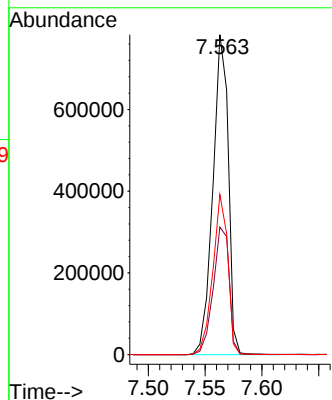
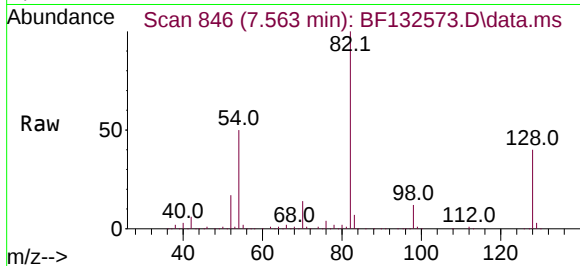




#23
Nitrobenzene-d5
Concen: 51.444 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

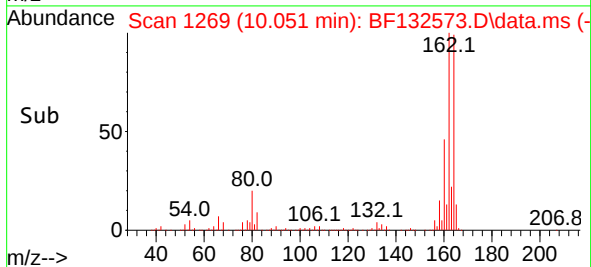
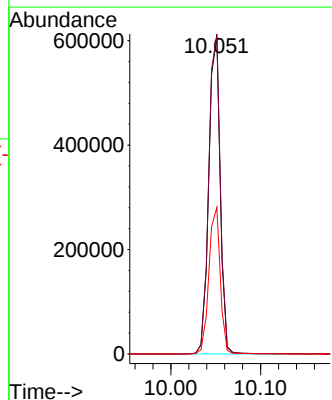
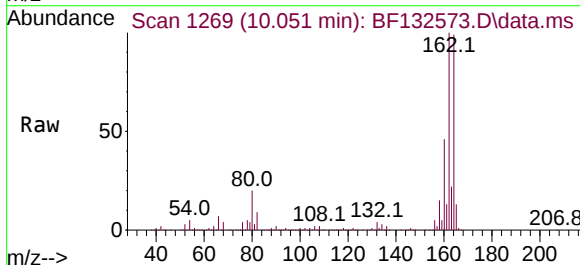
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

Tgt Ion: 82 Resp: 740859
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 50.0 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: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:164 Resp: 537015
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 46.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 64.812 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

Instrument :

BNA_F

ClientSampleId :

HH-CON-1

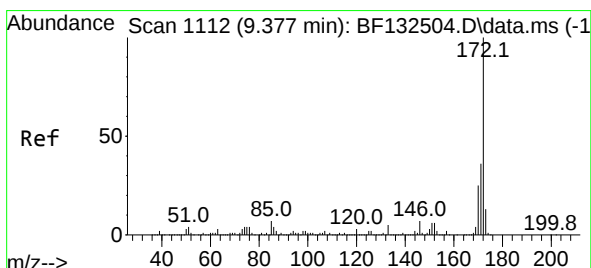
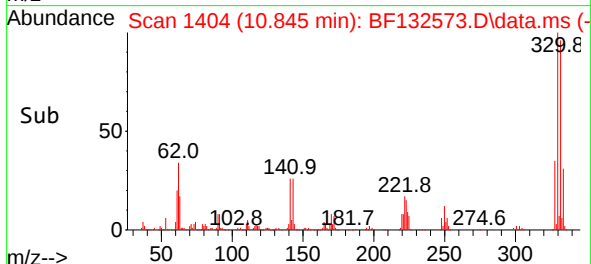
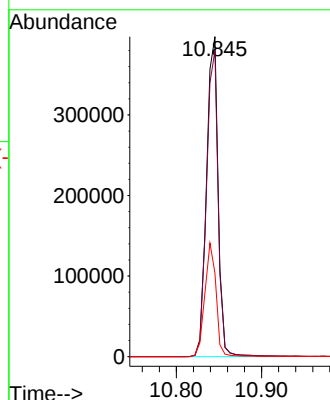
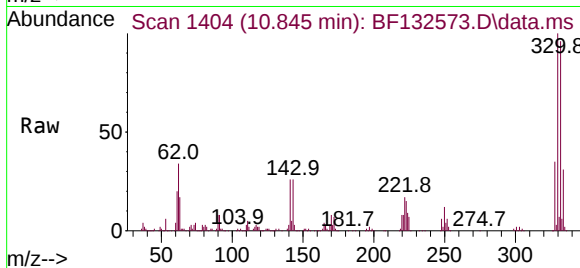
Tgt Ion:330 Resp: 375881

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 34.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 49.421 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

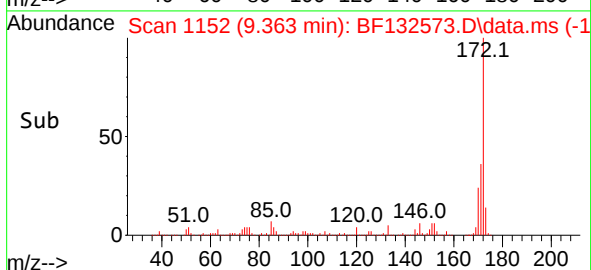
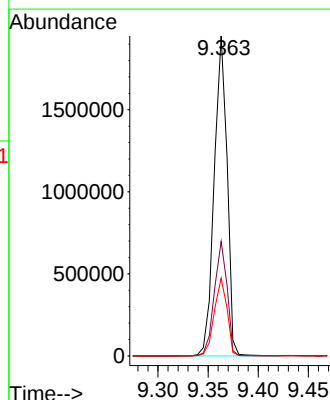
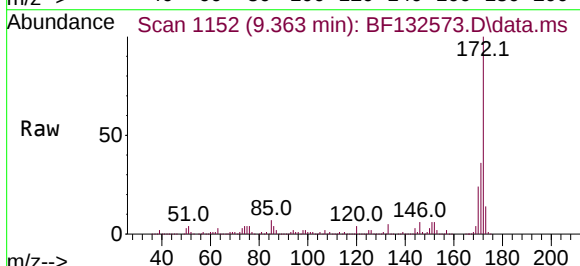
Tgt Ion:172 Resp: 1742971

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.7 29.5

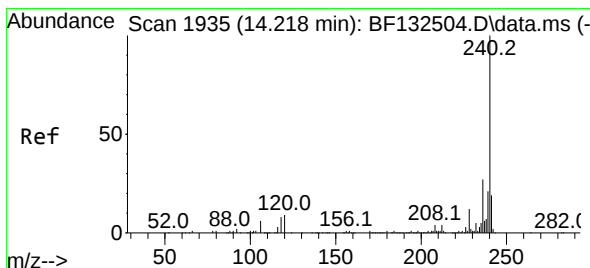
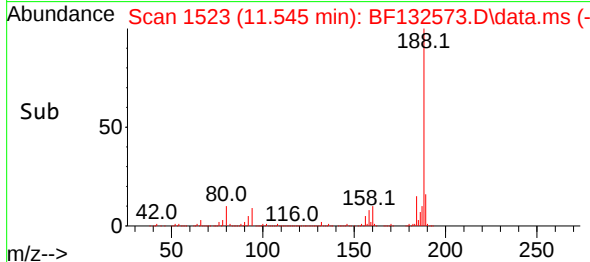
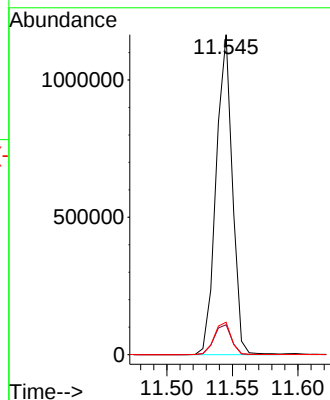
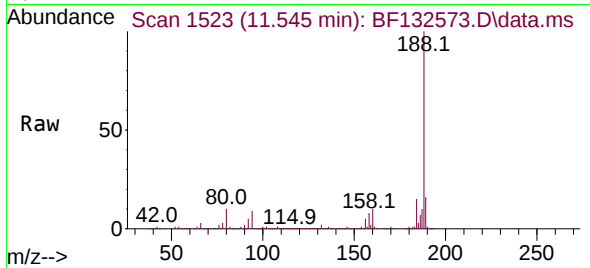




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

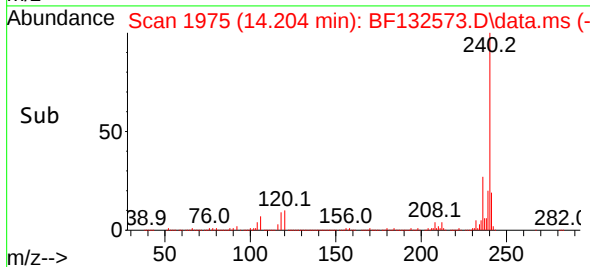
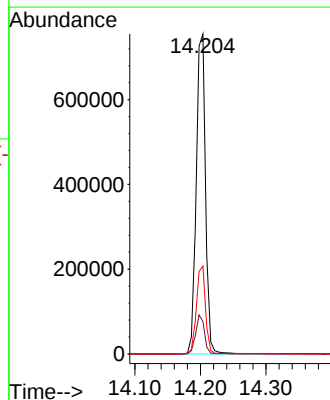
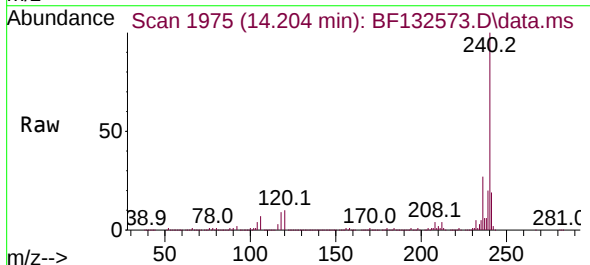
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

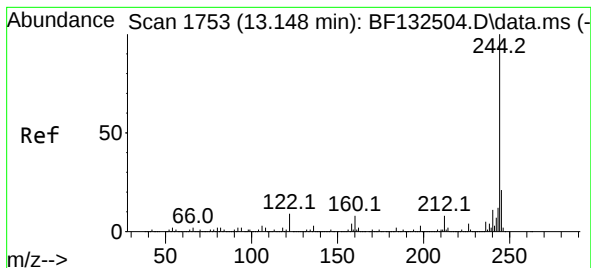
Tgt Ion:188 Resp: 1006045
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.1 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:240 Resp: 742911
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 27.4 21.8 32.6





#79

Terphenyl-d14

Concen: 49.791 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

Instrument :

BNA_F

ClientSampleId :

HH-CON-1

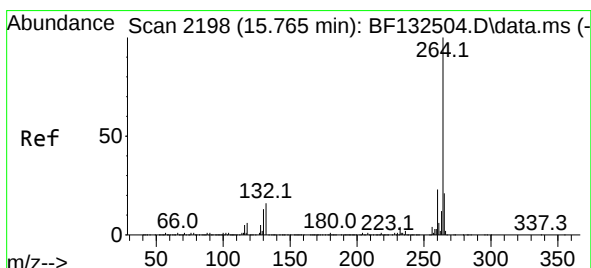
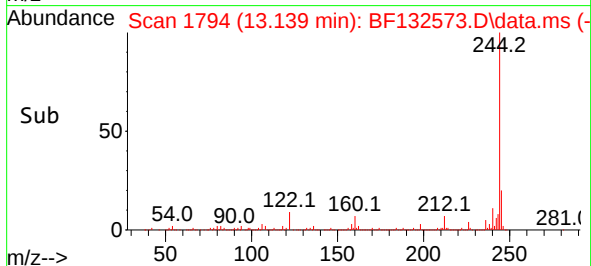
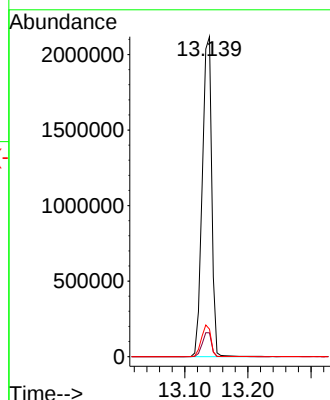
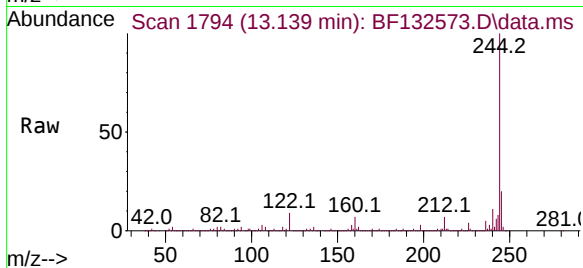
Tgt Ion:244 Resp: 2187794

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.6 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

Tgt Ion:264 Resp: 562931

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.8 17.1 25.7

