

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132575.D
 Acq On : 28 Feb 2023 16:48
 Operator : CG\JU
 Sample : 01723-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-4

Quant Time: Feb 28 18:03:54 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	246773	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	908456	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	499583	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	960011	20.000	ng	0.00
76) Chrysene-d12	14.198	240	628010	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	452939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	867791	57.073	ng	0.00
7) Phenol-d6	6.628	99	1397008	70.400	ng	0.00
23) Nitrobenzene-d5	7.563	82	980690	51.217	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	228454	42.343	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1696003	51.692	ng	0.00
79) Terphenyl-d14	13.133	244	2060524	55.474	ng	0.00

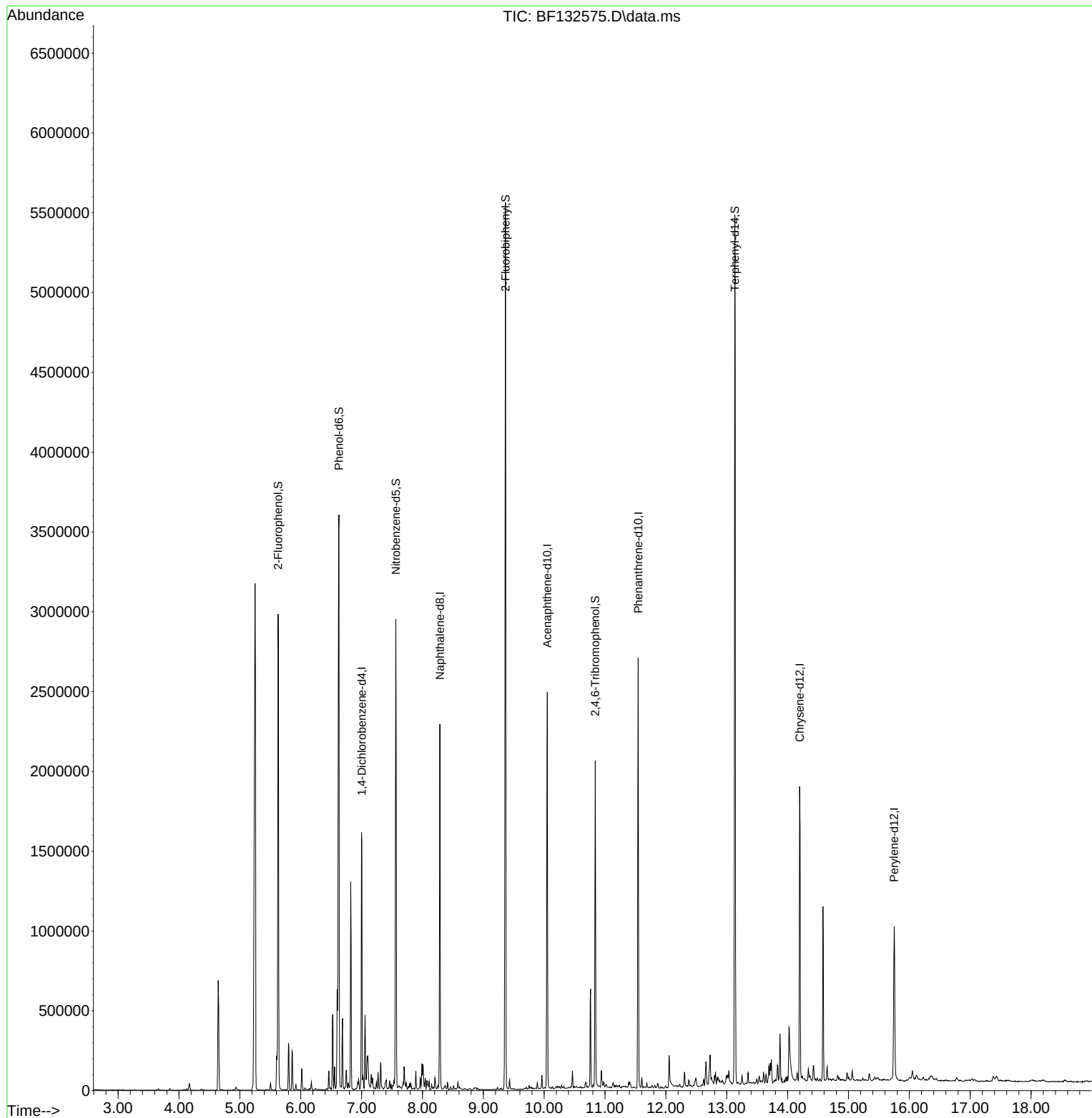
Target Compounds	Qvalue

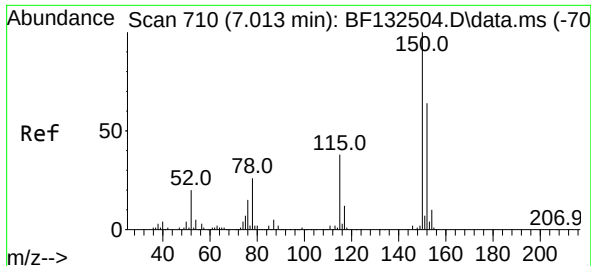
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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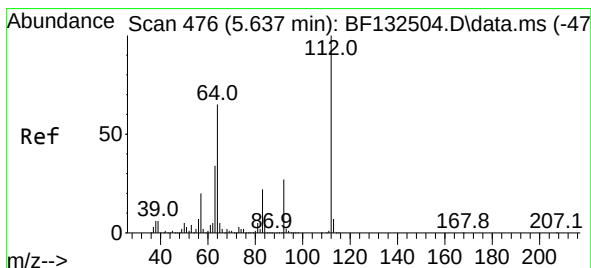
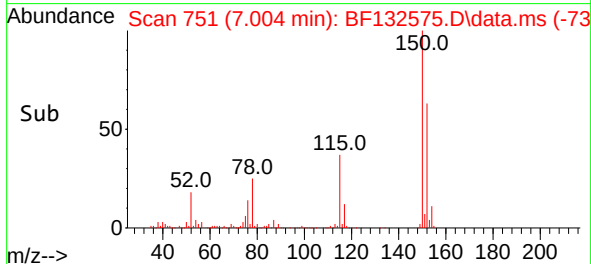
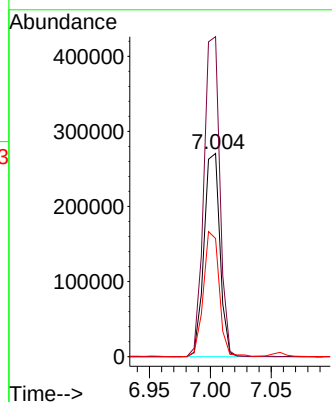
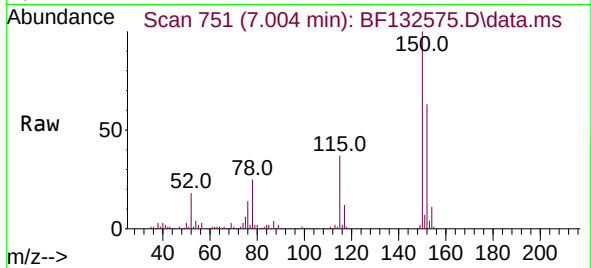




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

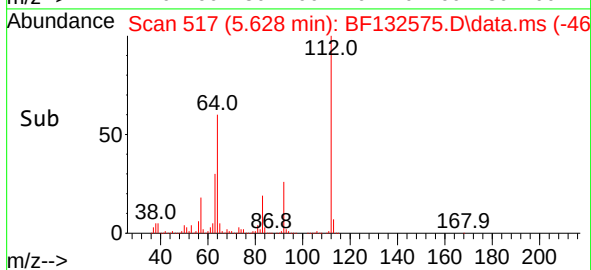
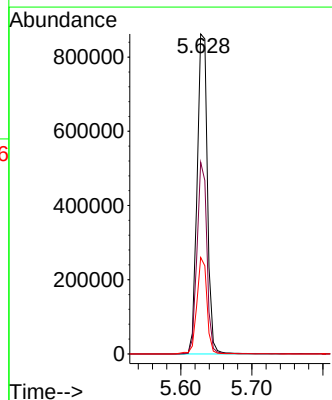
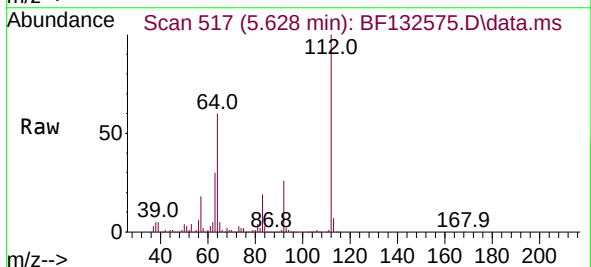
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

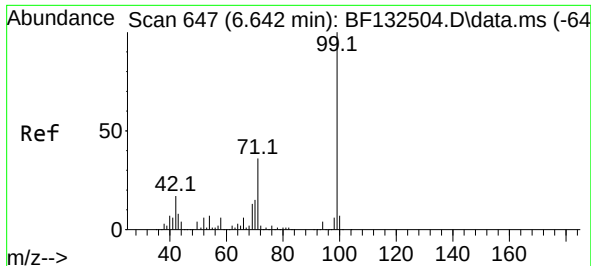
Tgt Ion:152 Resp: 246773
Ion Ratio Lower Upper
152 100
150 157.5 125.4 188.2
115 58.2 47.8 71.6



#5
2-Fluorophenol
Concen: 57.073 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

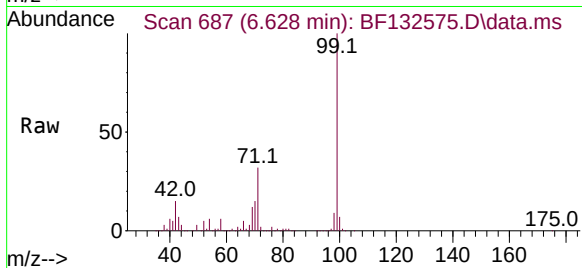
Tgt Ion:112 Resp: 867791
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 30.1 27.4 41.2



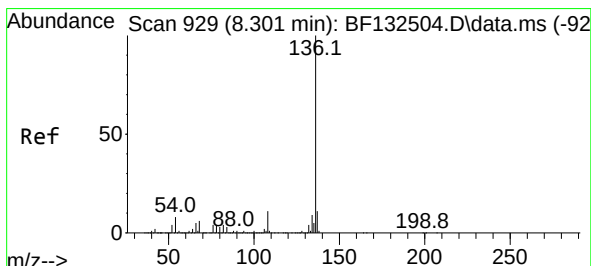
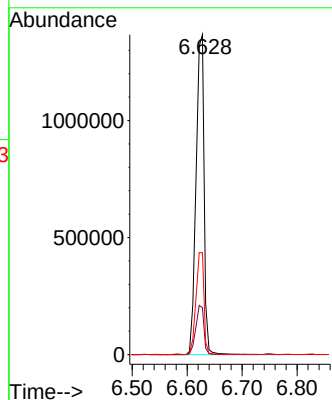
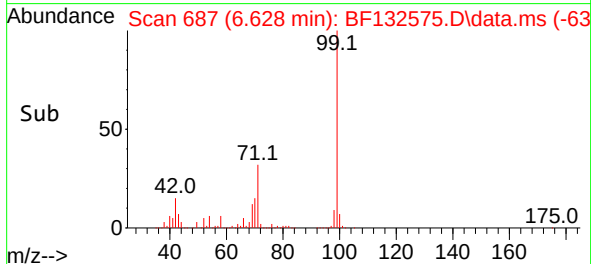


#7
Phenol-d6
Concen: 70.400 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

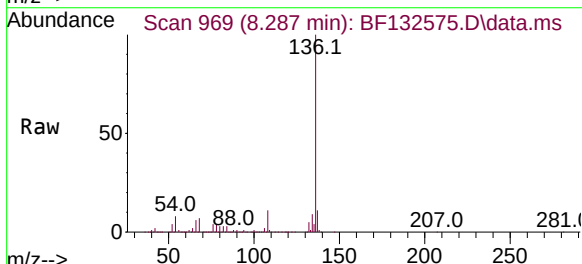
Instrument :
BNA_F
ClientSampleId :
HH-CON-4



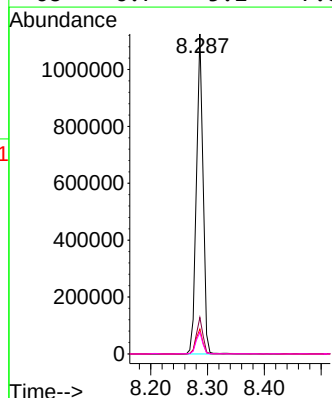
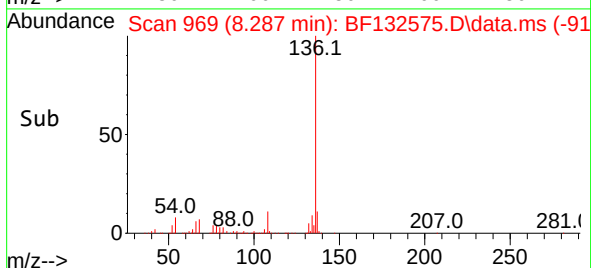
Tgt Ion: 99 Resp: 1397008
Ion Ratio Lower Upper
99 100
42 14.7 13.9 20.9
71 31.8 28.5 42.7

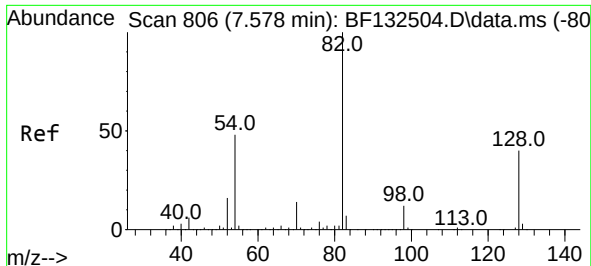


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48



Tgt Ion: 136 Resp: 908456
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.7 5.2 7.8

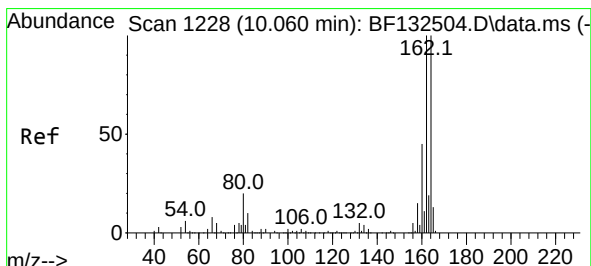
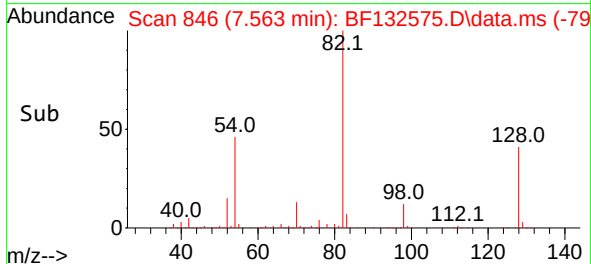
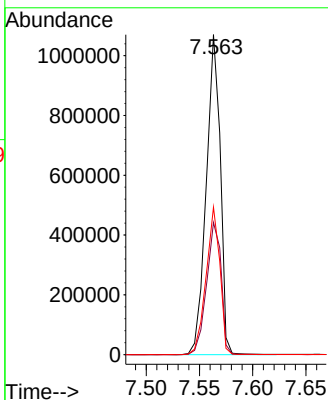
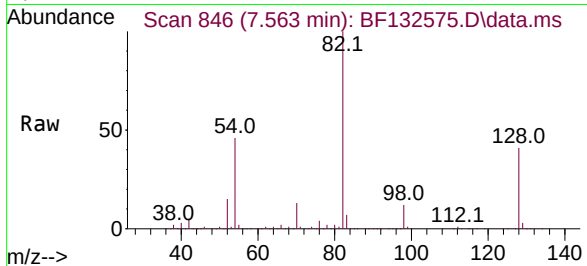




#23
Nitrobenzene-d5
Concen: 51.217 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

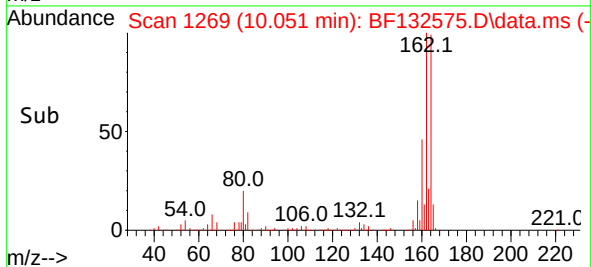
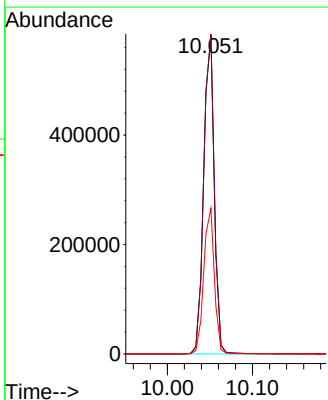
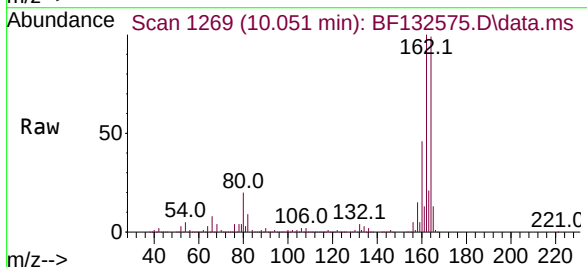
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

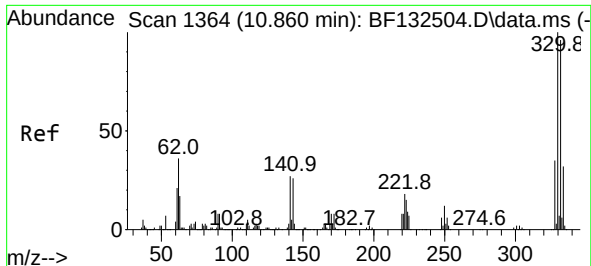
Tgt Ion: 82 Resp: 980690
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 46.1 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion:164 Resp: 499583
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 42.343 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132575.D

Acq: 28 Feb 2023 16:48

Instrument :

BNA_F

ClientSampleId :

HH-CON-4

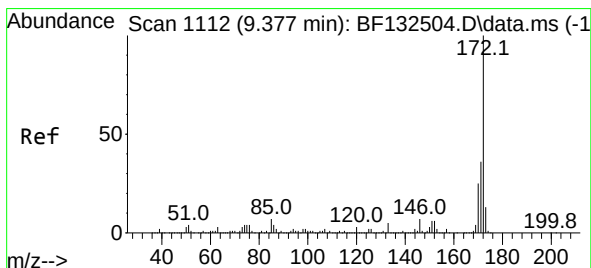
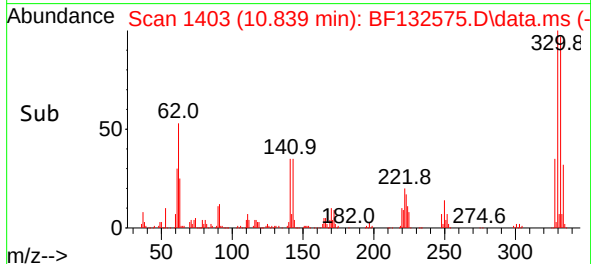
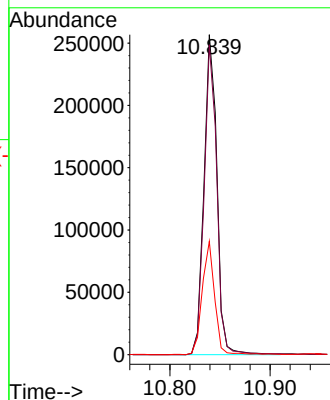
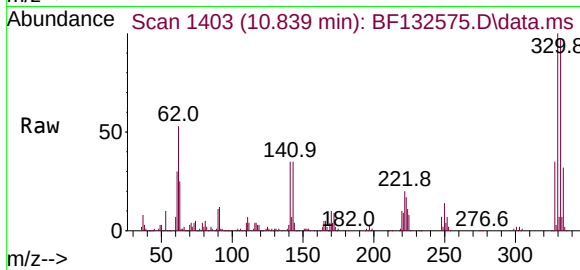
Tgt Ion:330 Resp: 228454

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 34.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 51.692 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132575.D

Acq: 28 Feb 2023 16:48

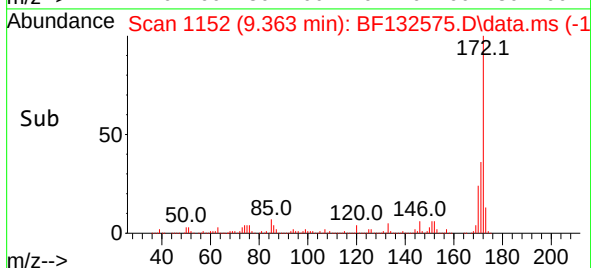
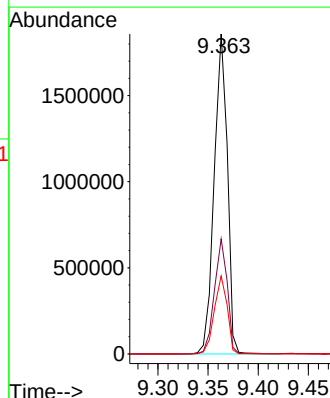
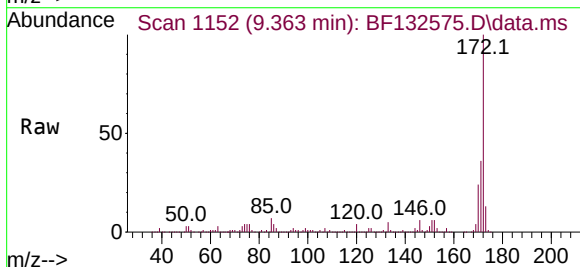
Tgt Ion:172 Resp: 1696003

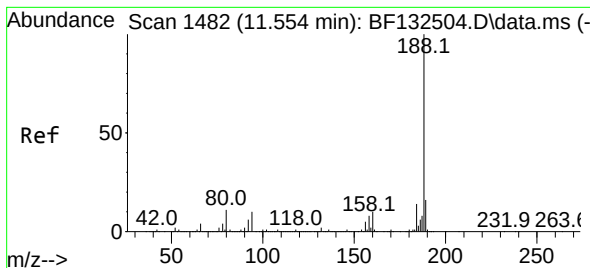
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 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: BF132575.D

Acq: 28 Feb 2023 16:48

Instrument :

BNA_F

ClientSampleId :

HH-CON-4

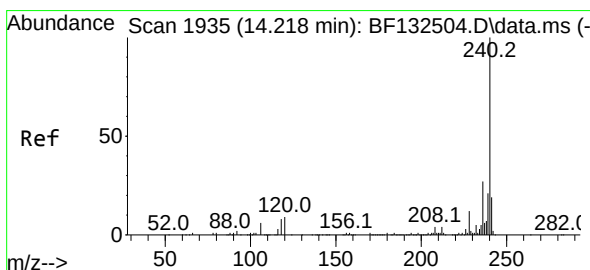
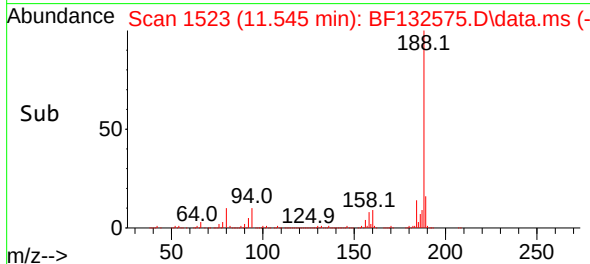
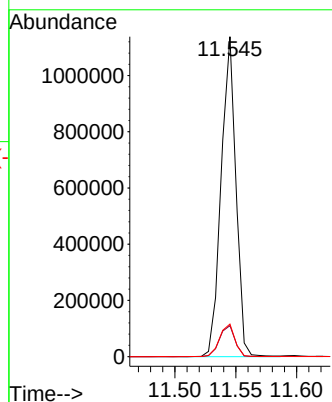
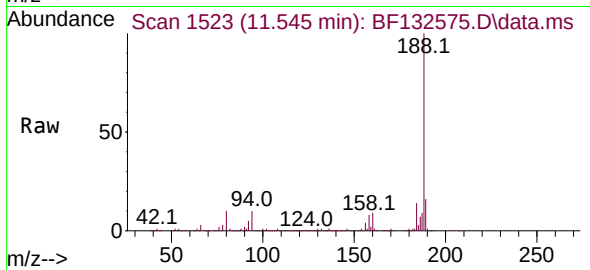
Tgt Ion:188 Resp: 960011

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.2 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: BF132575.D

Acq: 28 Feb 2023 16:48

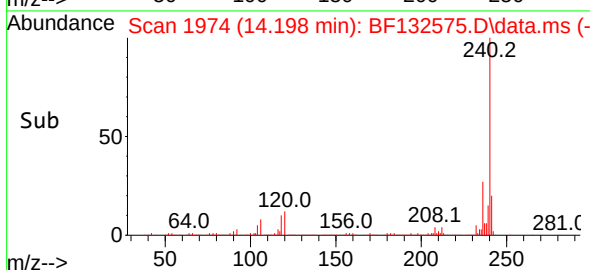
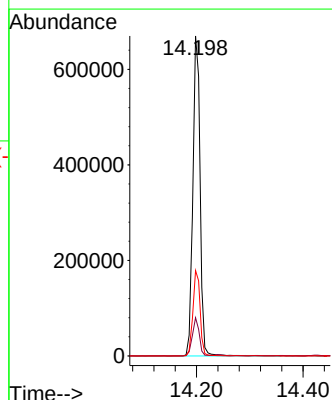
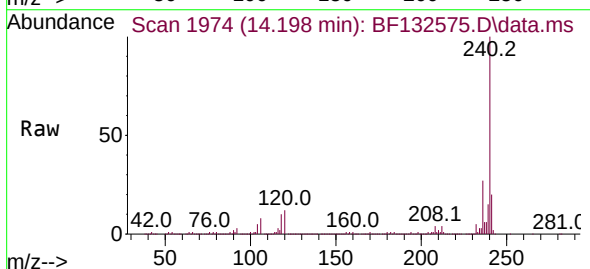
Tgt Ion:240 Resp: 628010

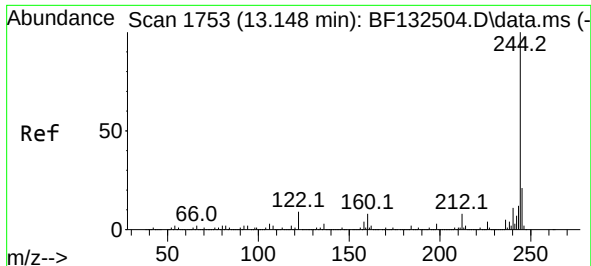
Ion Ratio Lower Upper

240 100

120 11.9 7.2 10.8#

236 26.7 21.8 32.6

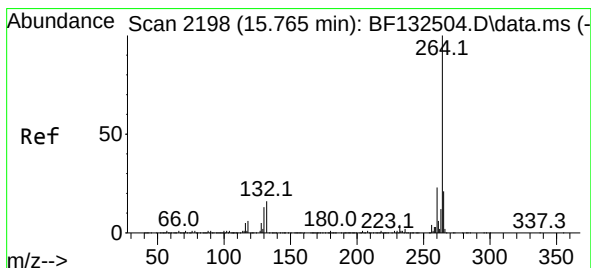
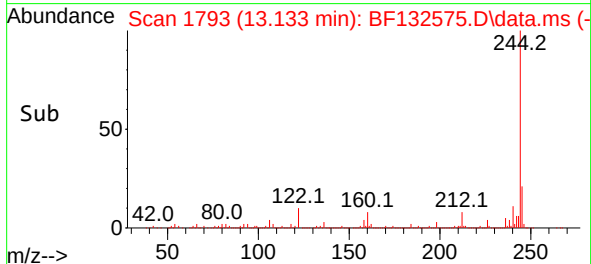
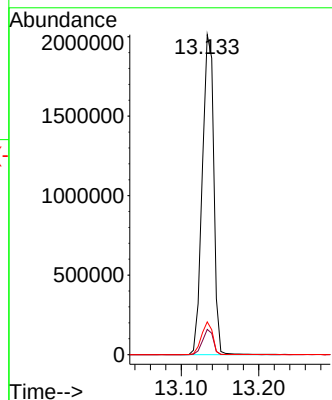
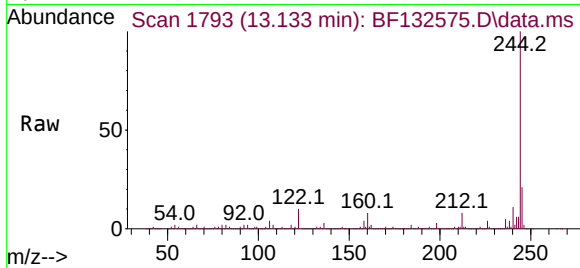




#79
 Terphenyl-d14
 Concen: 55.474 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132575.D
 Acq: 28 Feb 2023 16:48

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-4

Tgt Ion:244 Resp: 2060524
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.2 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: BF132575.D
 Acq: 28 Feb 2023 16:48

Tgt Ion:264 Resp: 452939
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 23.0 17.1 25.7

