

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132762.D
 Acq On : 13 Mar 2023 16:12
 Operator : CG\JU
 Sample : 01869-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-02

Quant Time: Mar 14 01:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	204136	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	763248	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	429708	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	871381	20.000	ng	0.00
76) Chrysene-d12	14.162	240	506927	20.000	ng	0.00
86) Perylene-d12	15.692	264	440850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	638045	50.727	ng	0.00
7) Phenol-d6	6.592	99	510160	31.078	ng	-0.02
23) Nitrobenzene-d5	7.539	82	1196706	74.389	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	591384	127.435	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	2022531	71.668	ng	0.00
79) Terphenyl-d14	13.098	244	2841176	94.761	ng	0.00

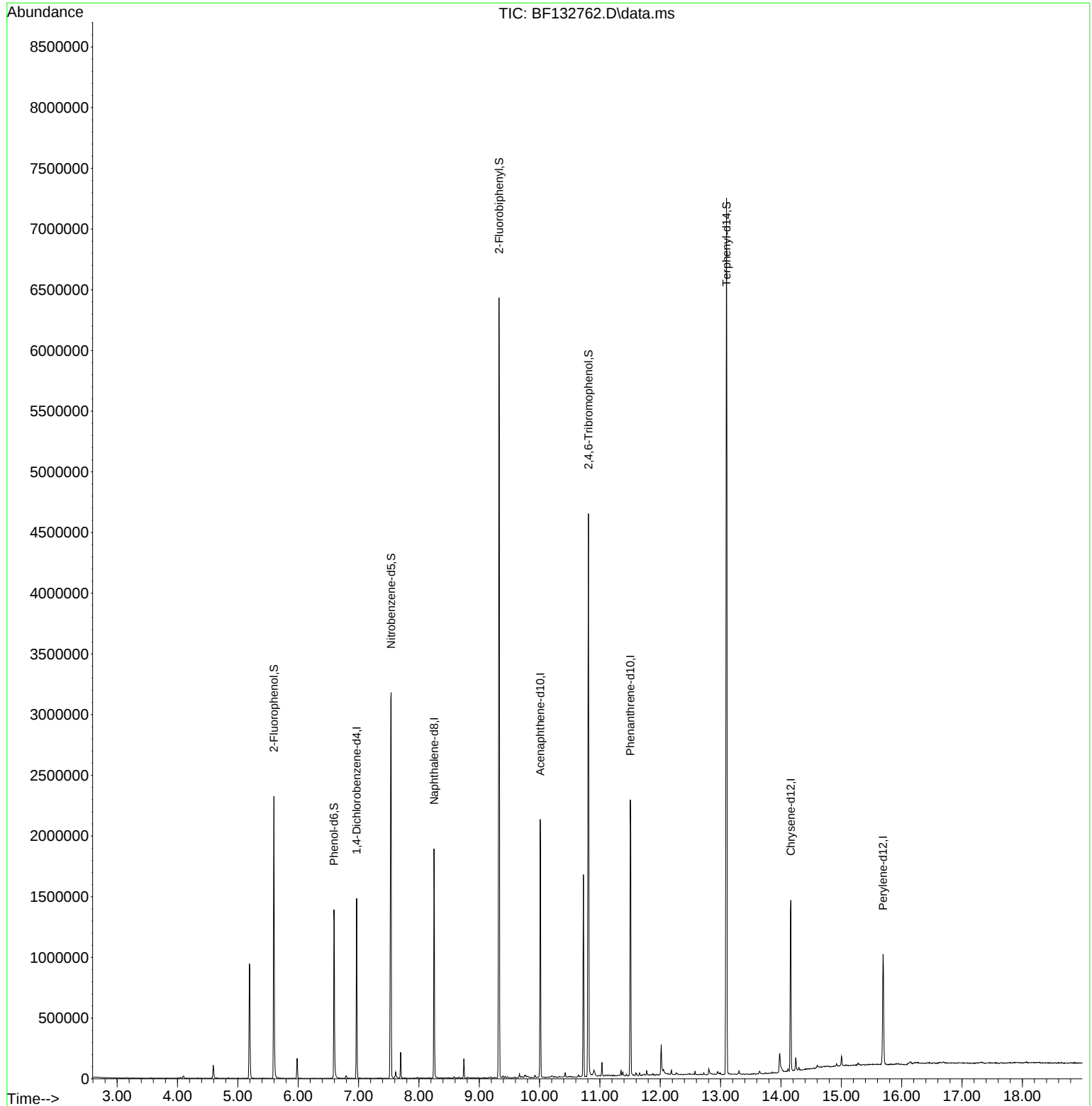
Target Compounds	Qvalue

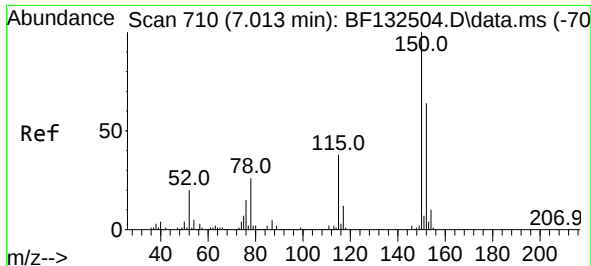
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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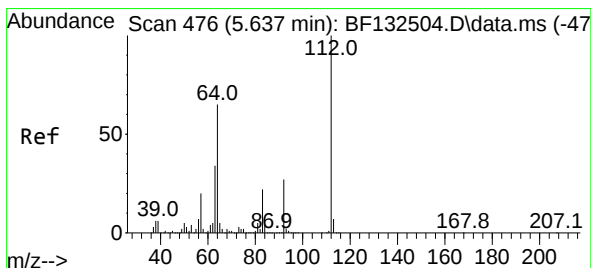
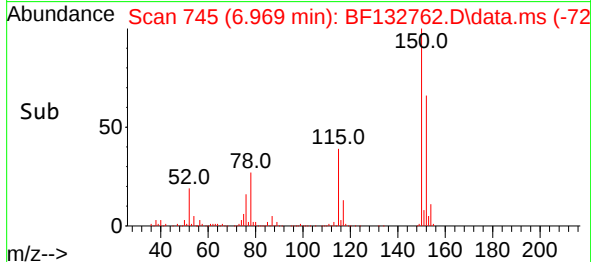
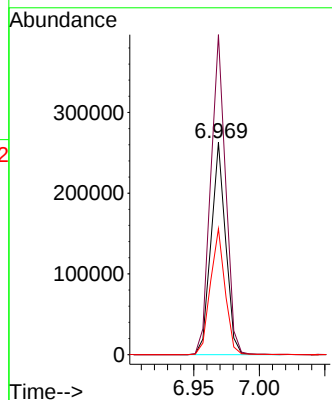
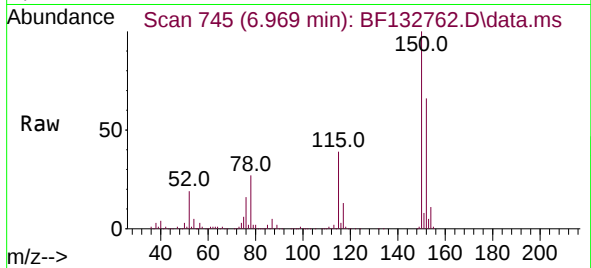




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

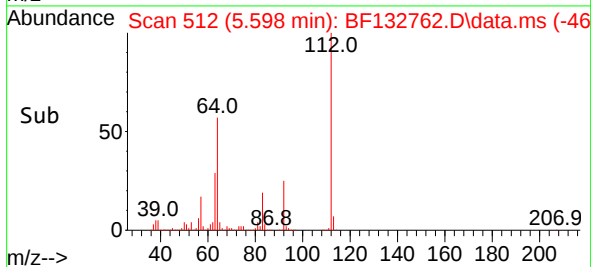
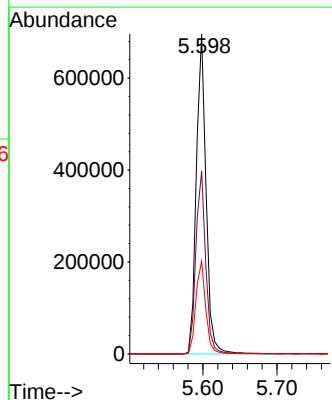
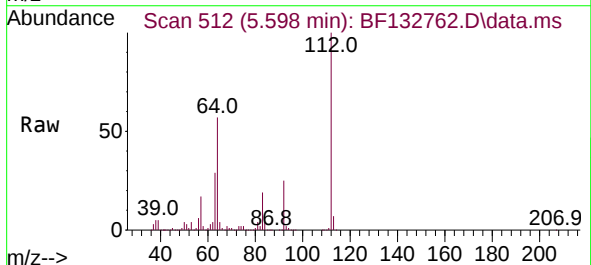
Instrument :
BNA_F
ClientSampleId :
DS-02

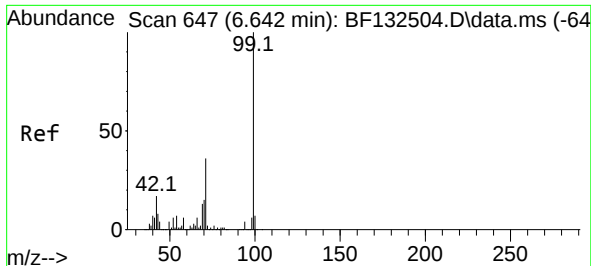
Tgt Ion:152 Resp: 204136
Ion Ratio Lower Upper
152 100
150 150.8 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 50.727 ng
RT: 5.598 min Scan# 512
Delta R.T. -0.000 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:112 Resp: 638045
Ion Ratio Lower Upper
112 100
64 57.1 51.6 77.4
63 29.0 27.4 41.2

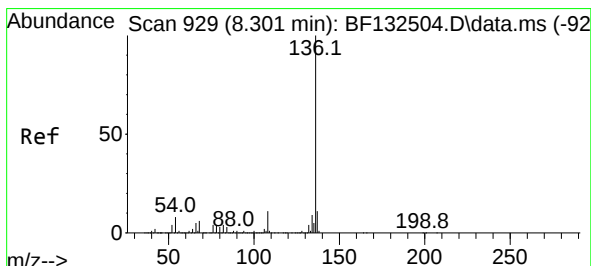
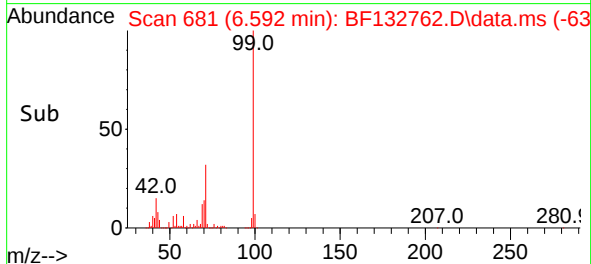
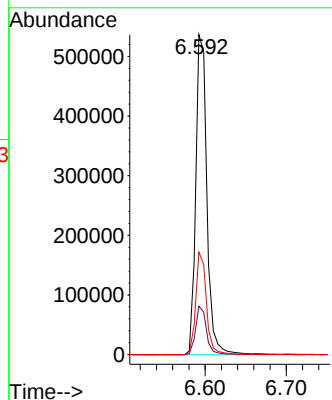
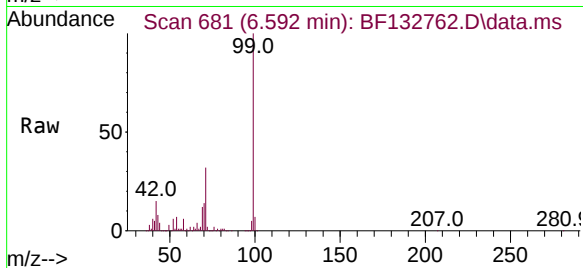




#7
Phenol-d6
Concen: 31.078 ng
RT: 6.592 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

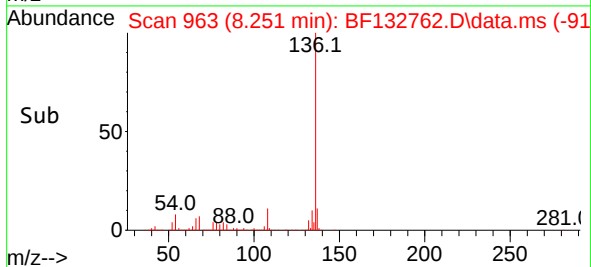
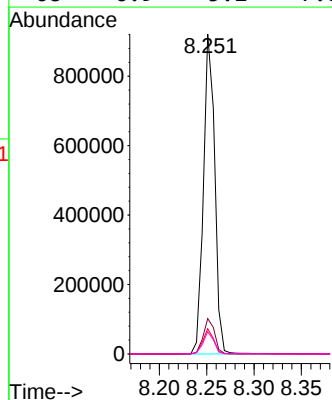
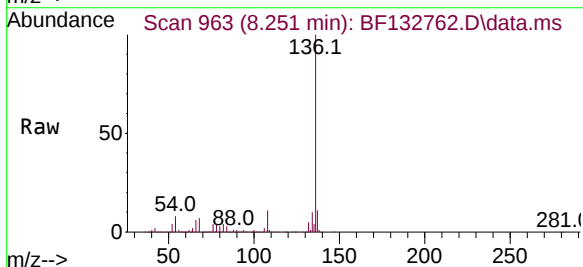
Instrument :
BNA_F
ClientSampleId :
DS-02

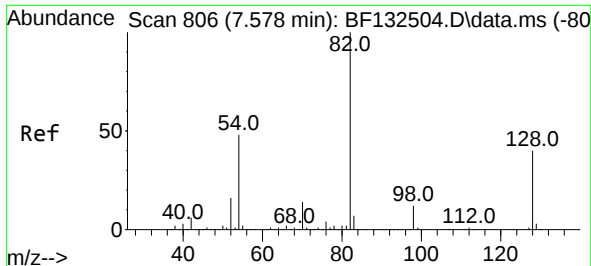
Tgt Ion: 99 Resp: 510160
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 32.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 136 Resp: 763248
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.2 9.4
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.389 ng

RT: 7.539 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

DS-02

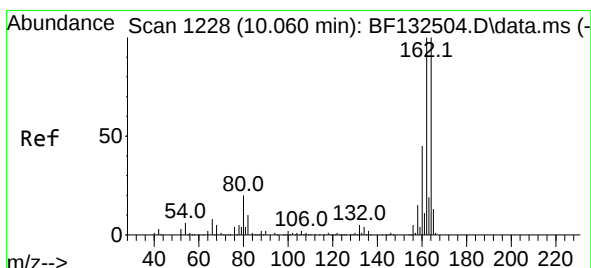
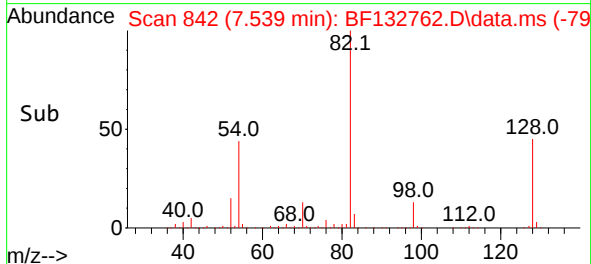
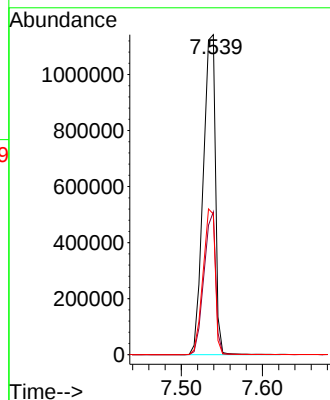
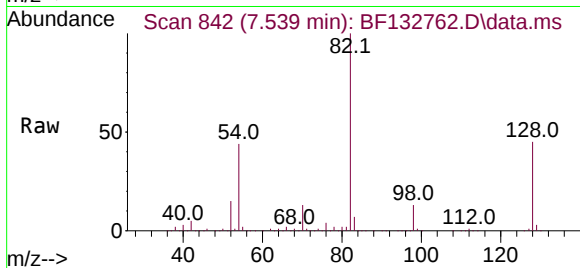
Tgt Ion: 82 Resp: 1196706

Ion Ratio Lower Upper

82 100

128 44.6 32.2 48.2

54 43.9 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

Delta R.T. -0.012 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

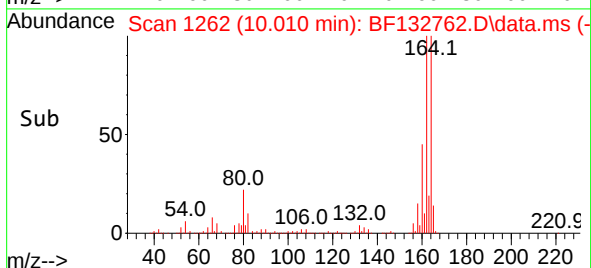
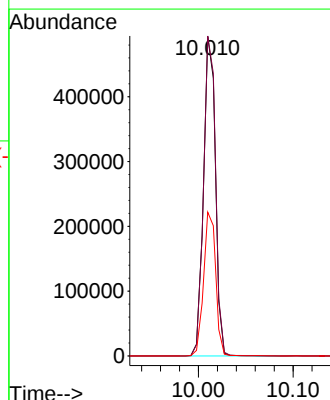
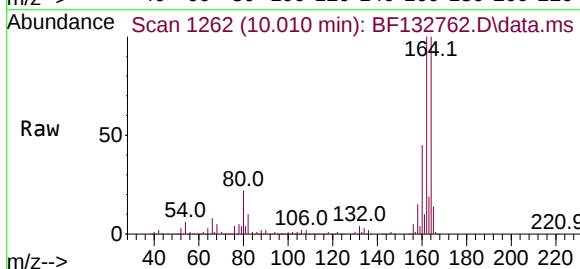
Tgt Ion:164 Resp: 429708

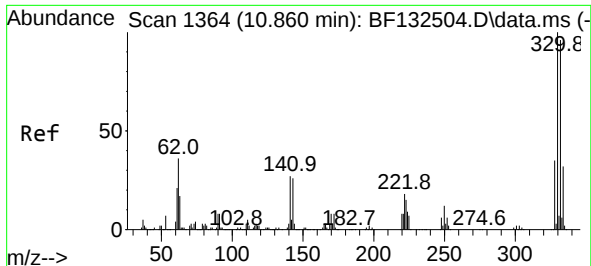
Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.8

160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 127.435 ng

RT: 10.810 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

DS-02

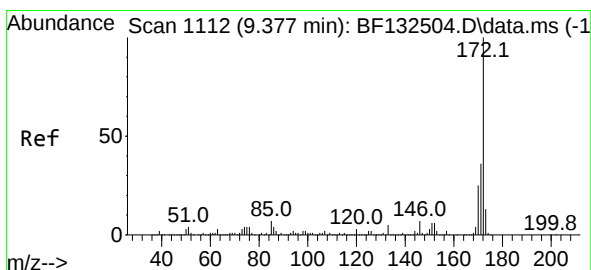
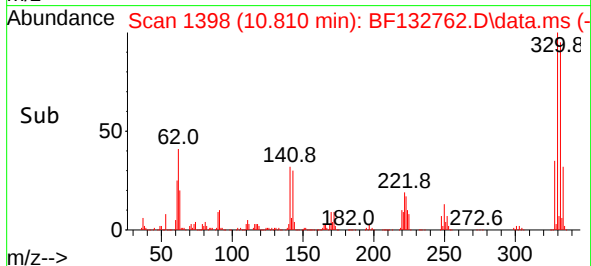
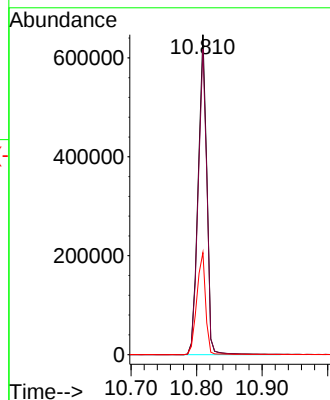
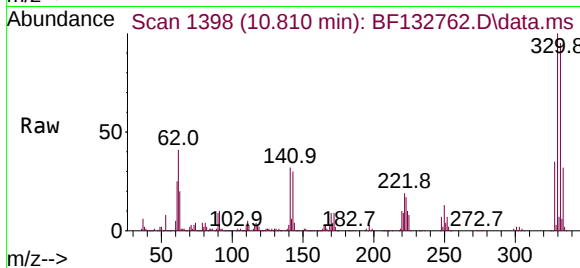
Tgt Ion:330 Resp: 591384

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 32.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 71.668 ng

RT: 9.327 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132762.D

Acq: 13 Mar 2023 16:12

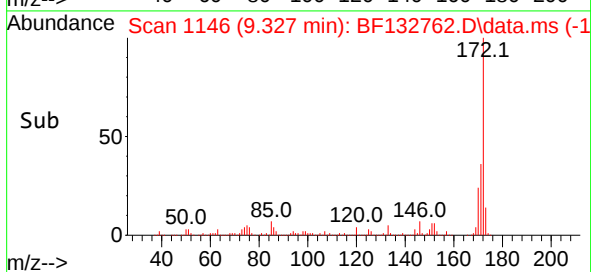
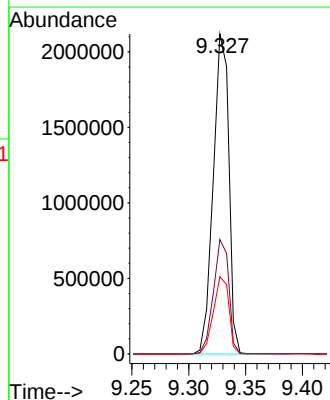
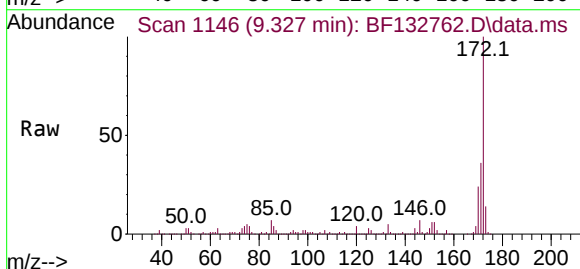
Tgt Ion:172 Resp: 2022531

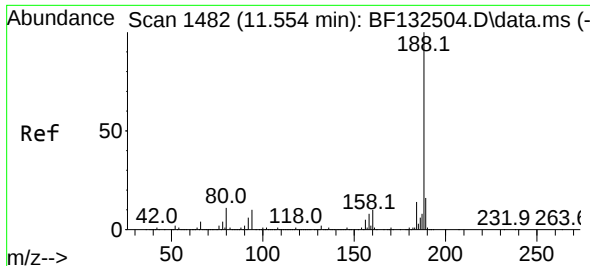
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 19.7 29.5

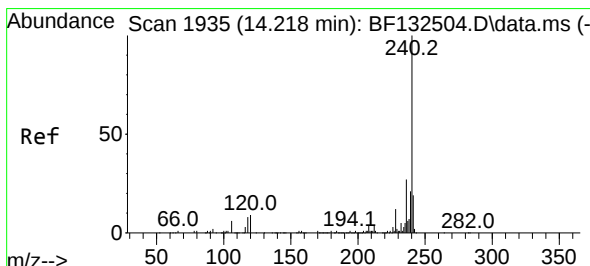
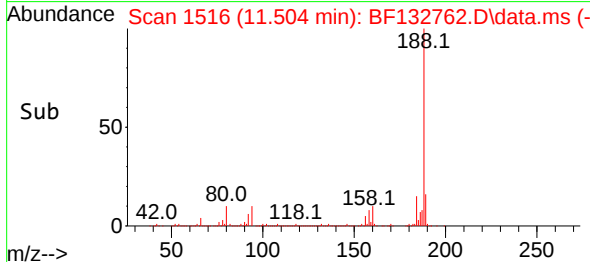
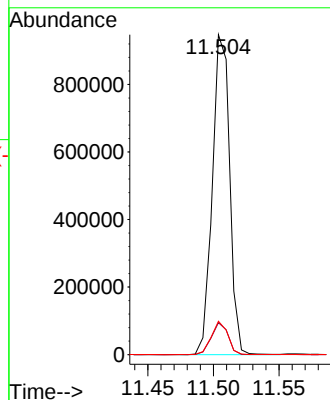
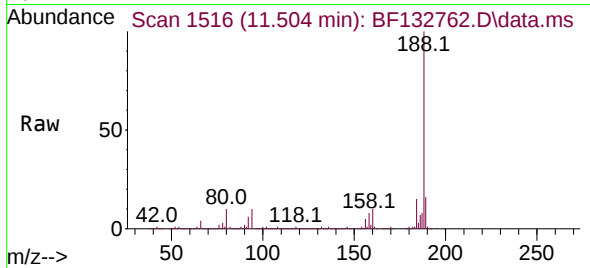




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

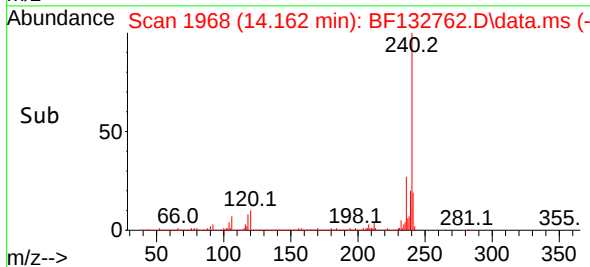
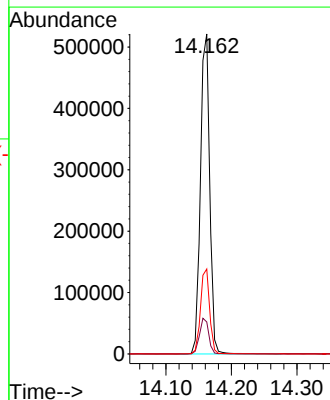
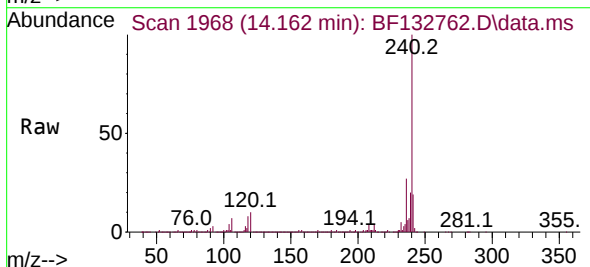
Instrument :
BNA_F
ClientSampleId :
DS-02

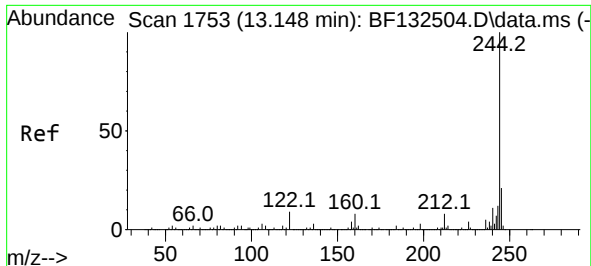
Tgt Ion:188 Resp: 871381
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132762.D
Acq: 13 Mar 2023 16:12

Tgt Ion:240 Resp: 506927
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.5 21.8 32.6

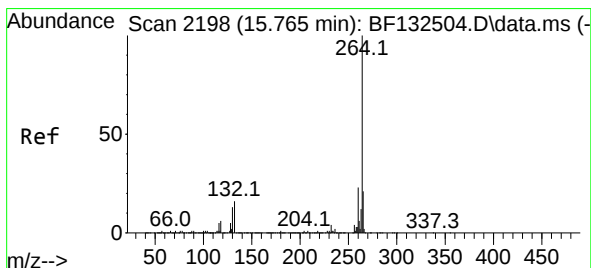
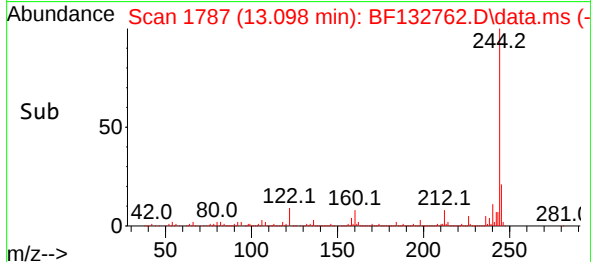
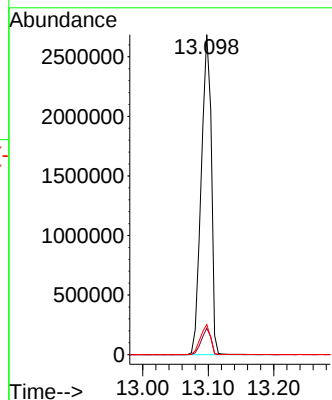
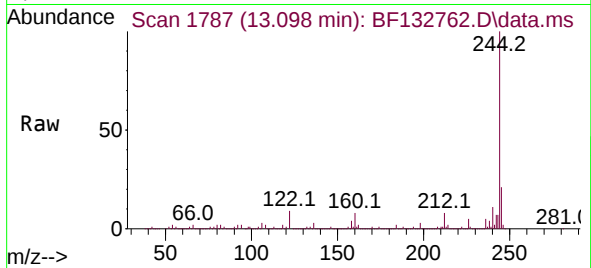




#79
 Terphenyl-d14
 Concen: 94.761 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132762.D
 Acq: 13 Mar 2023 16:12

Instrument :
 BNA_F
 ClientSampleId :
 DS-02

Tgt Ion:244 Resp: 2841176
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132762.D
 Acq: 13 Mar 2023 16:12

Tgt Ion:264 Resp: 440850
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.4 17.1 25.7

