

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128266.D
 Acq On : 16 May 2022 14:10
 Operator : CG\JU
 Sample : N2833-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Quant Time: May 16 15:32:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70222	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	267337	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	155548	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	284143	20.000	ng	0.00
76) Chrysene-d12	14.063	240	207902	20.000	ng	0.00
86) Perylene-d12	15.557	264	184936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	200045	45.413	ng	0.00
7) Phenol-d6	6.510	99	166610	28.596	ng	-0.02
23) Nitrobenzene-d5	7.451	82	498142	83.844	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	148200	83.074	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	833443	83.838	ng	0.00
79) Terphenyl-d14	13.004	244	965268	87.120	ng	0.00

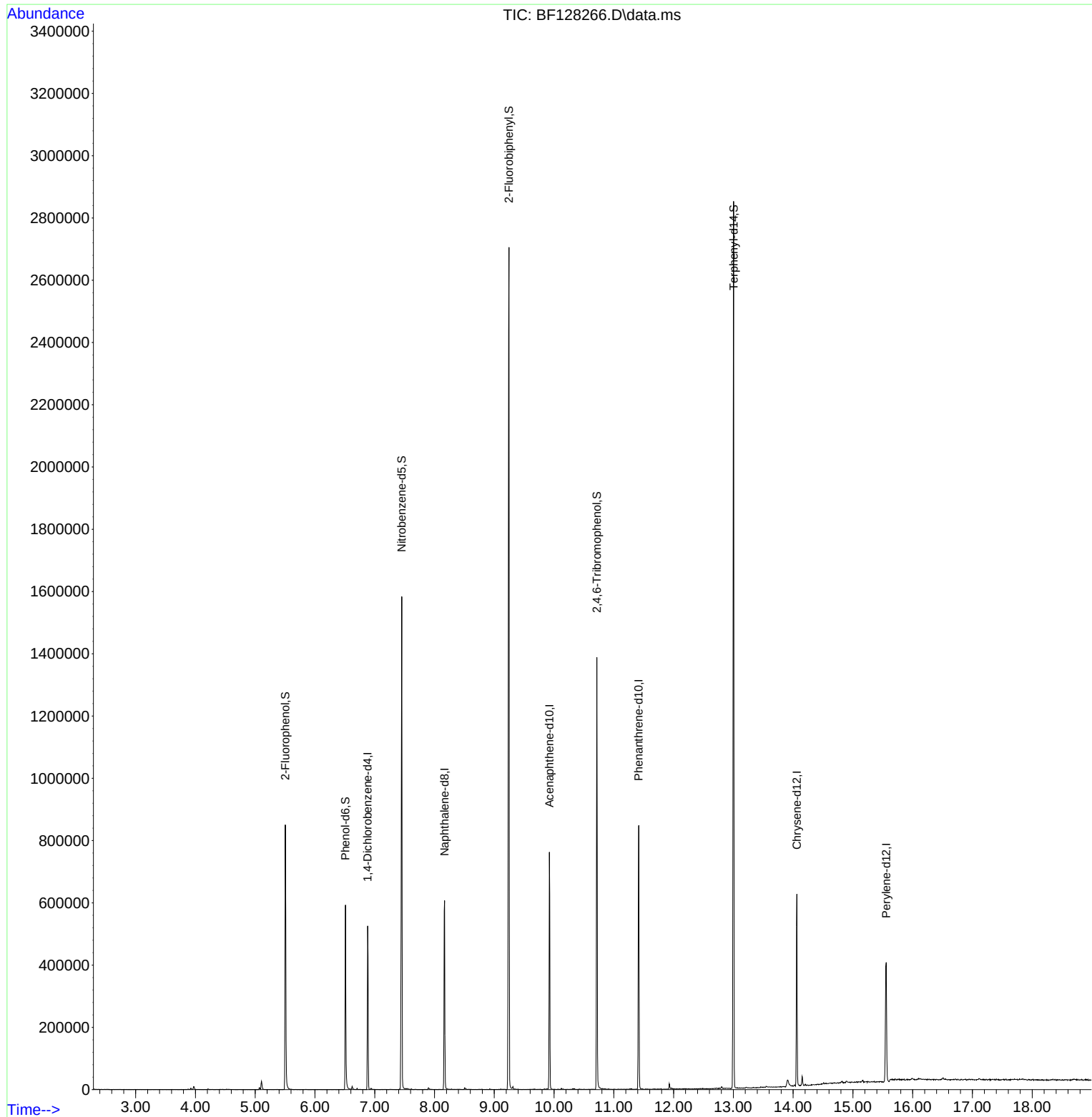
Target Compounds	Qvalue

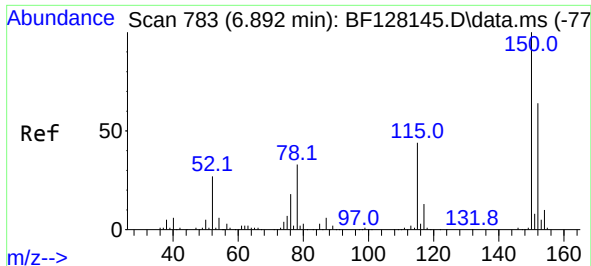
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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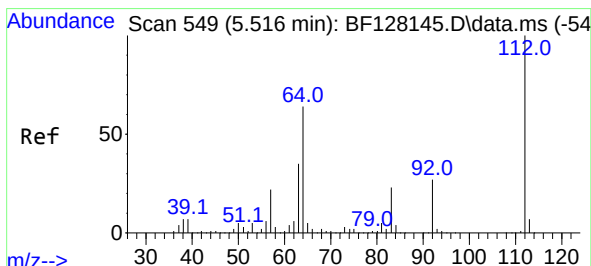
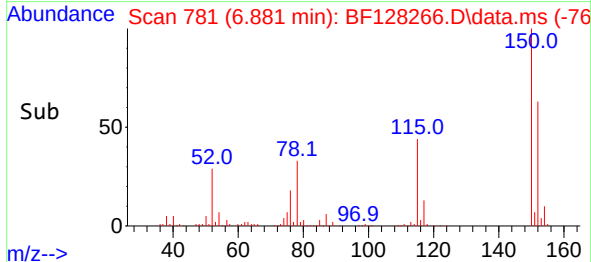
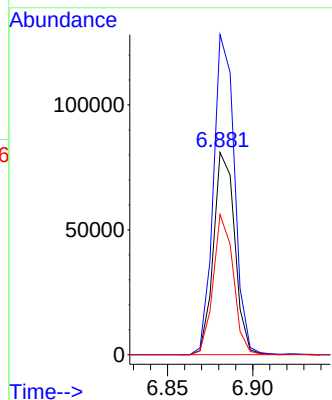
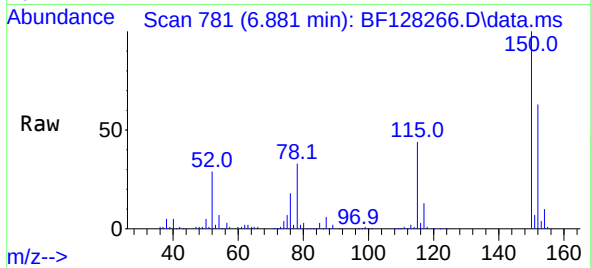




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

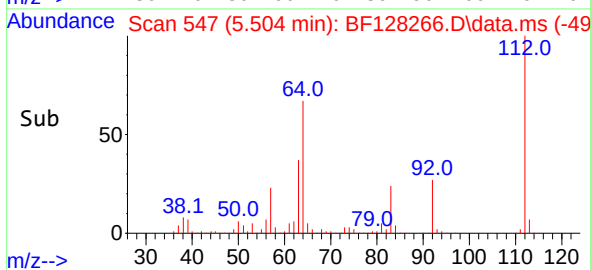
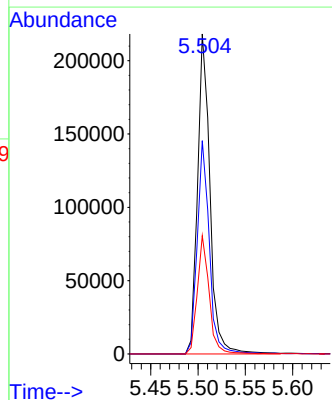
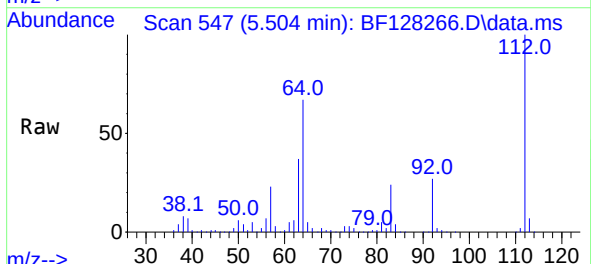
Instrument :
BNA_F
ClientSampleId :
TWP03

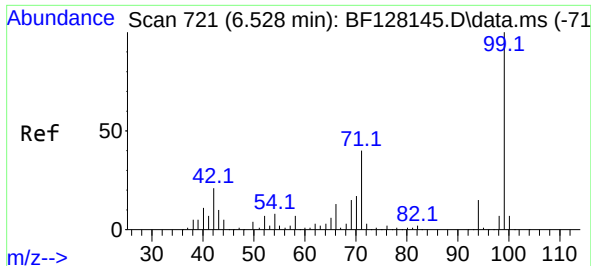
Tgt Ion:152 Resp: 70222
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 69.3 48.8 73.2



#5
2-Fluorophenol
Concen: 45.413 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

Tgt Ion:112 Resp: 200045
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 37.0 26.3 39.5

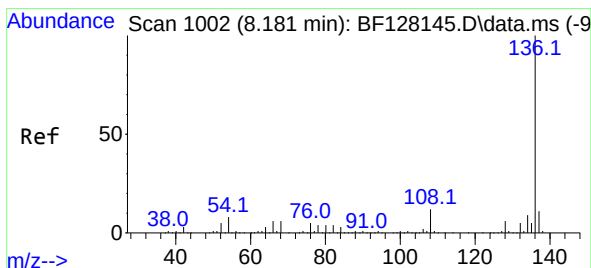
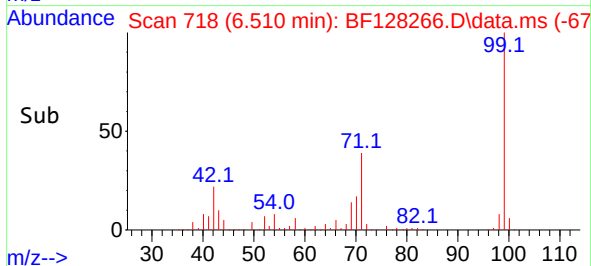
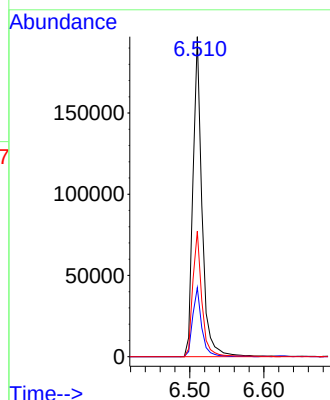
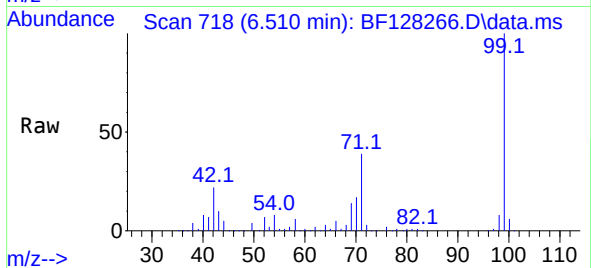




#7
Phenol-d6
Concen: 28.596 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

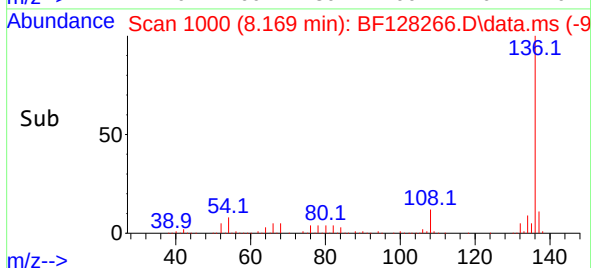
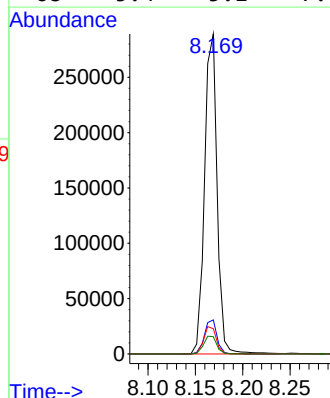
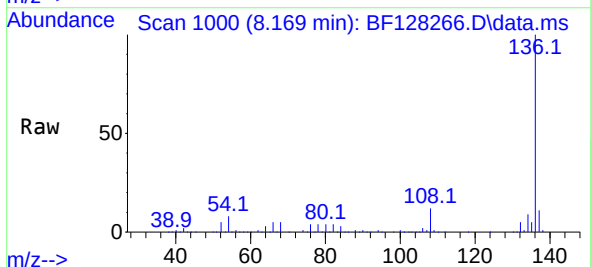
Instrument :
BNA_F
ClientSampleId :
TWP03

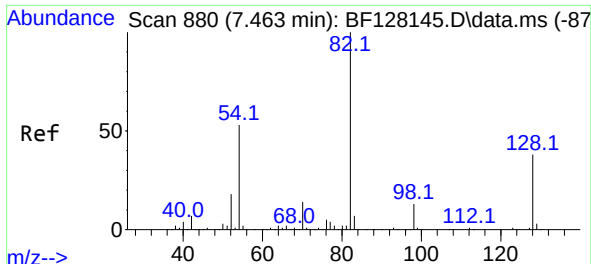
Tgt Ion: 99 Resp: 166610
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

Tgt Ion: 136 Resp: 267337
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 6.8 10.2
68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.844 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128266.D

Acq: 16 May 2022 14:10

Instrument :

BNA_F

ClientSampleId :

TWP03

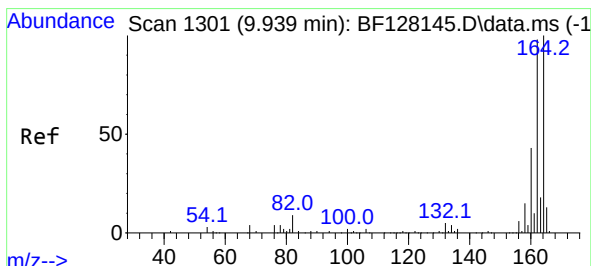
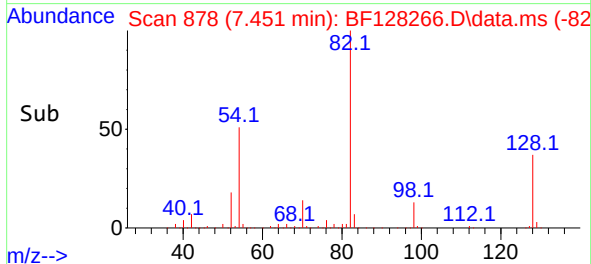
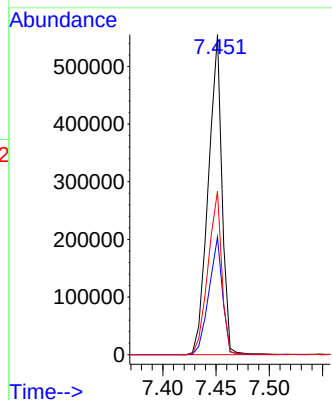
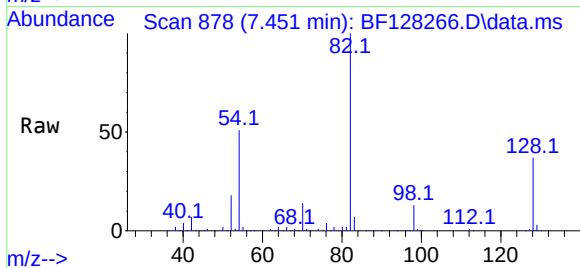
Tgt Ion: 82 Resp: 498142

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 51.1 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.012 min

Lab File: BF128266.D

Acq: 16 May 2022 14:10

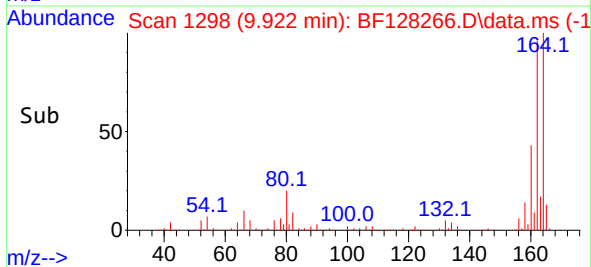
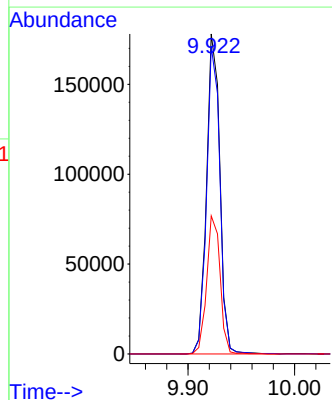
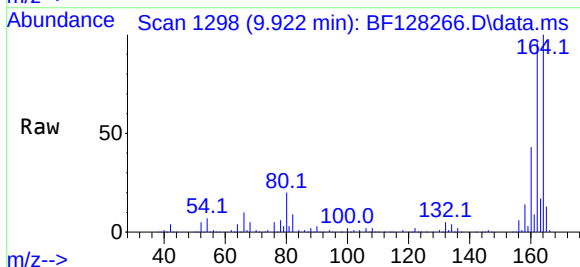
Tgt Ion:164 Resp: 155548

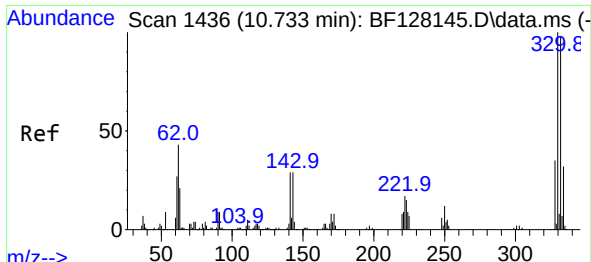
Ion Ratio Lower Upper

164 100

162 96.1 76.0 114.0

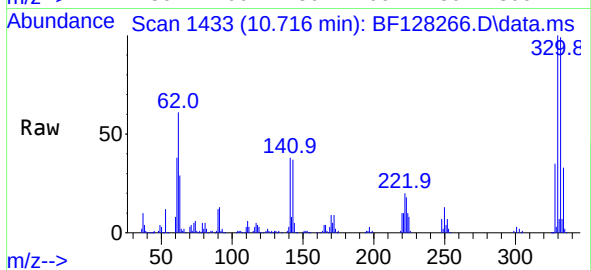
160 43.1 34.8 52.2



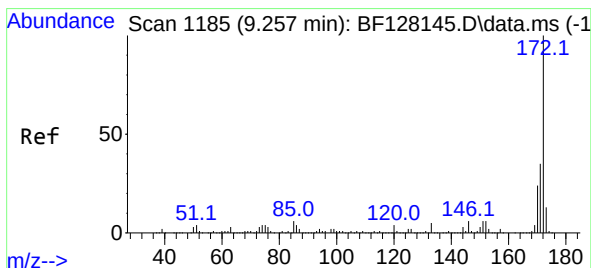
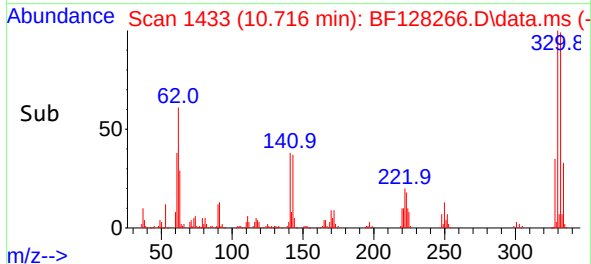
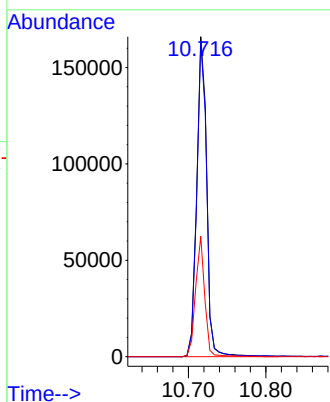


#42
2,4,6-Tribromophenol
Concen: 83.074 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

Instrument :
BNA_F
ClientSampleId :
TWP03

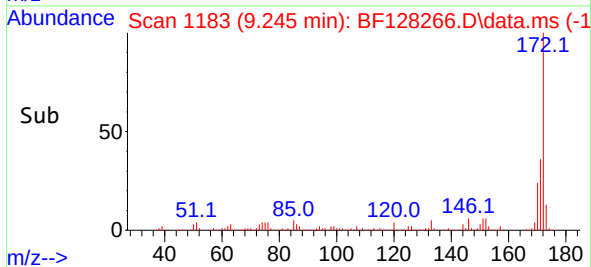
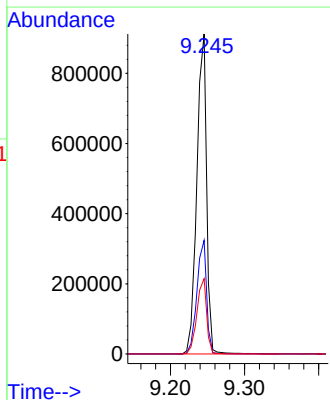
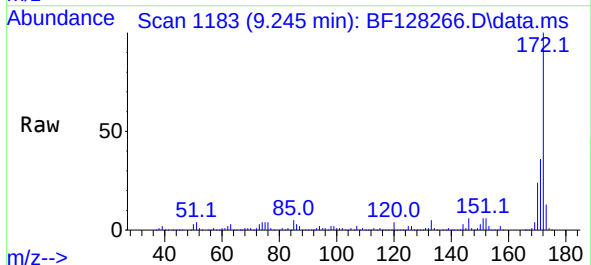


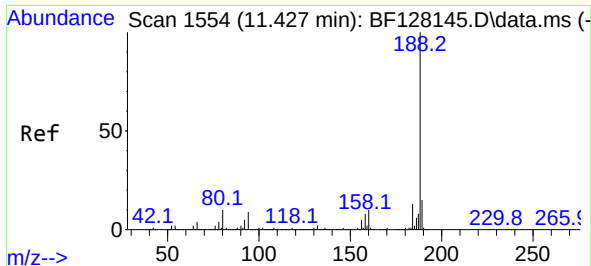
Tgt Ion:330 Resp: 148200
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.4
141 34.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 83.838 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

Tgt Ion:172 Resp: 833443
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.6 19.1 28.7

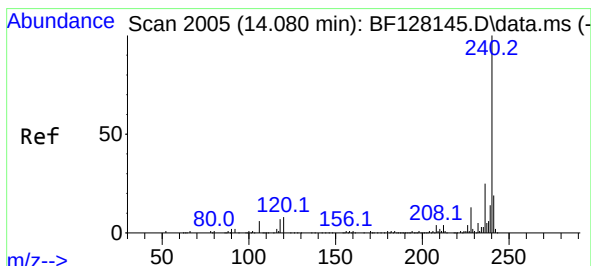
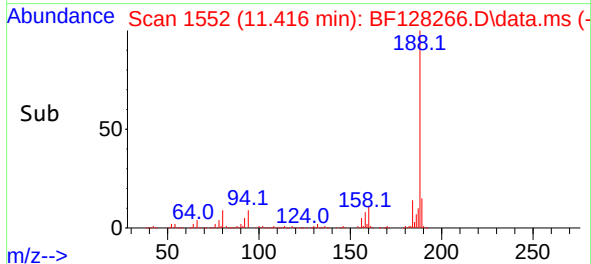
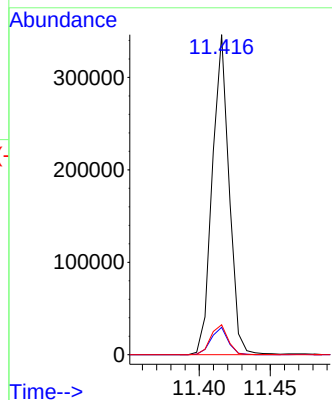
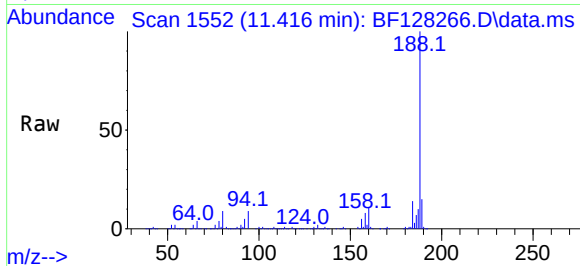




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

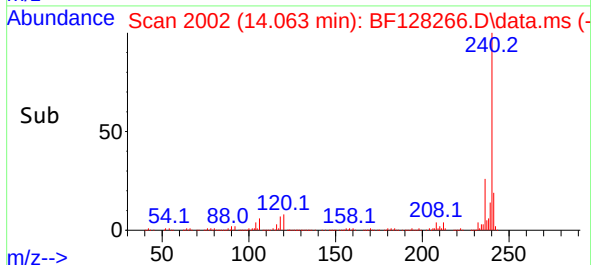
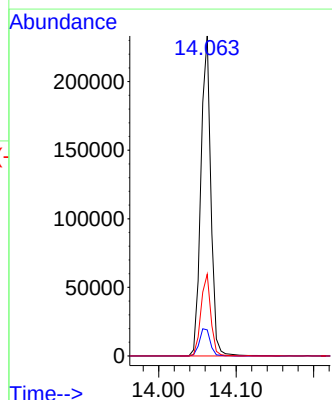
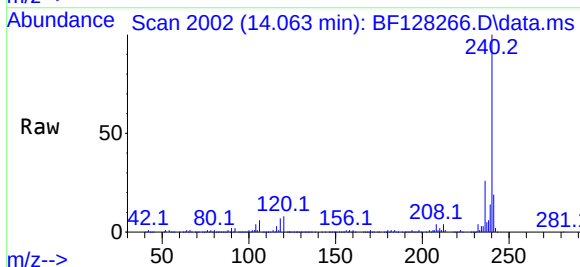
Instrument :
BNA_F
ClientSampleId :
TWP03

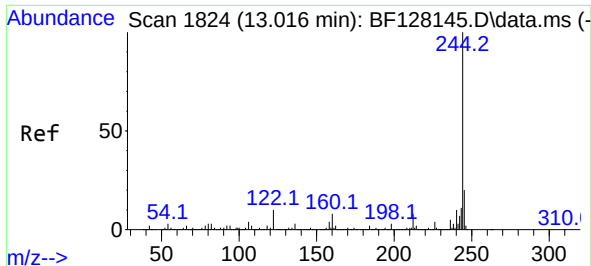
Tgt Ion:188 Resp: 284143
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128266.D
Acq: 16 May 2022 14:10

Tgt Ion:240 Resp: 207902
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.6 20.3 30.5

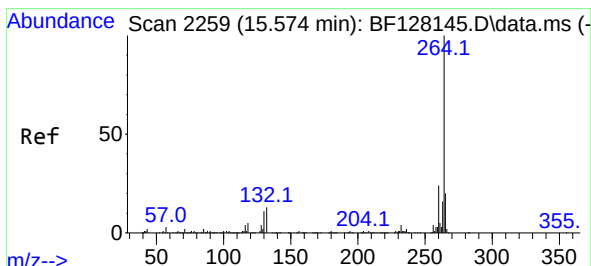
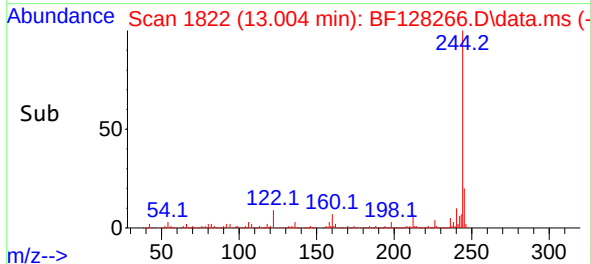
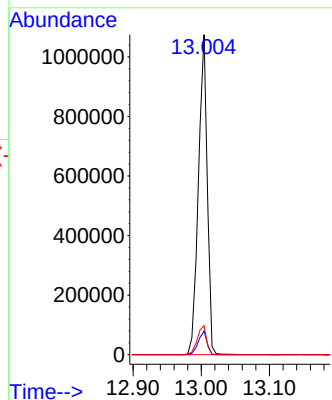
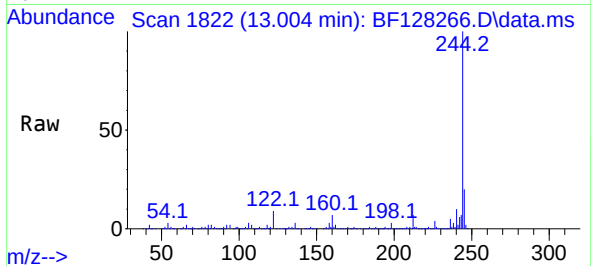




#79
 Terphenyl-d14
 Concen: 87.120 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128266.D
 Acq: 16 May 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Tgt Ion:244 Resp: 965268
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128266.D
 Acq: 16 May 2022 14:10

Tgt Ion:264 Resp: 184936
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 20.9 17.5 26.3

