

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128223.D
 Acq On : 12 May 2022 19:02
 Operator : CG\JU
 Sample : N2804-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-4

Quant Time: May 13 05:15:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	80997	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	288096	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	140986	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	235047	20.000	ng	0.00
76) Chrysene-d12	14.074	240	188684	20.000	ng	0.00
86) Perylene-d12	15.580	264	145018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	273244	53.778	ng	0.00
7) Phenol-d6	6.522	99	224165	33.356	ng	0.00
23) Nitrobenzene-d5	7.463	82	605575	94.582	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	139902	86.523	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	903559	100.279	ng	0.00
79) Terphenyl-d14	13.016	244	871552	86.674	ng	0.00

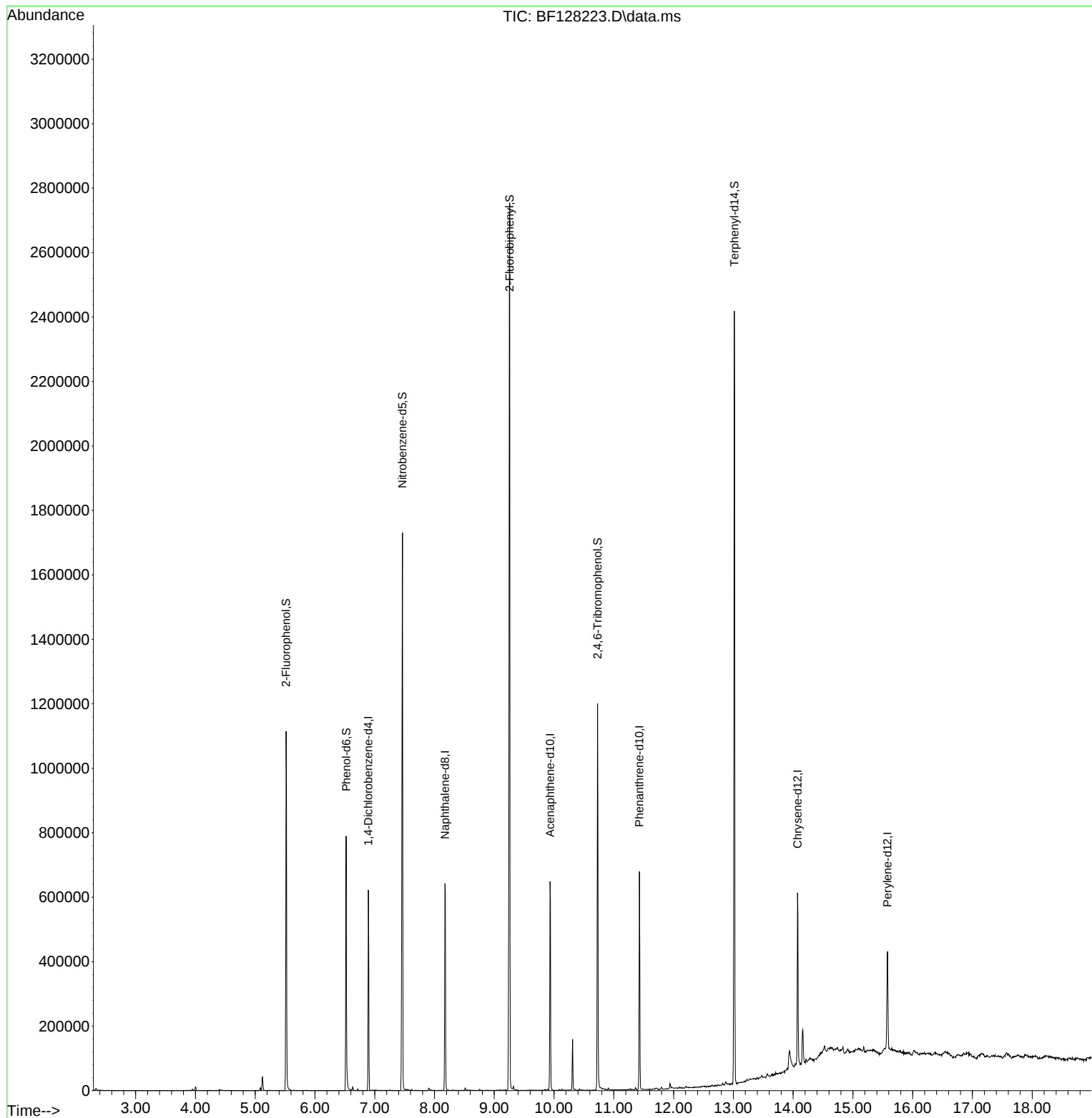
Target Compounds	Qvalue

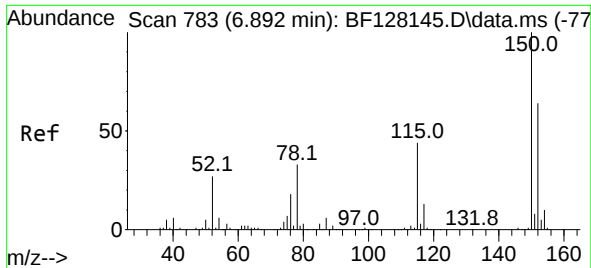
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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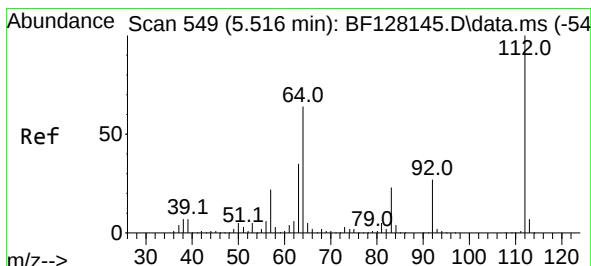
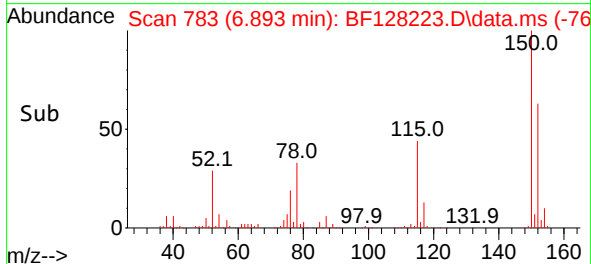
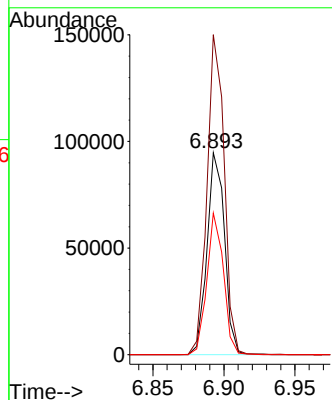
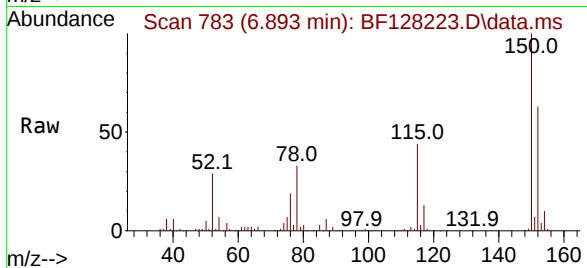




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF128223.D
 Acq: 12 May 2022 19:02

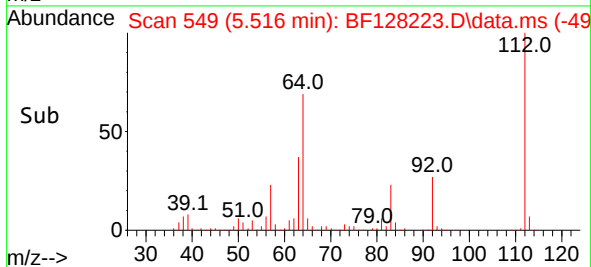
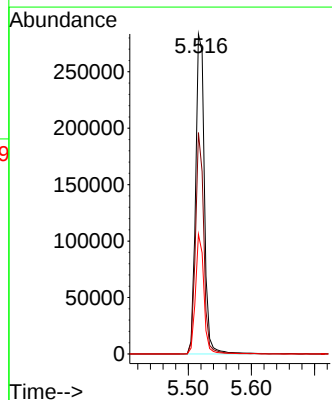
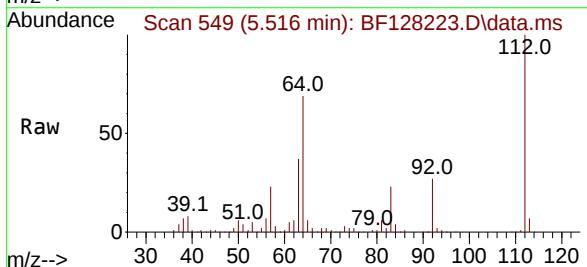
Instrument :
 BNA_F
 ClientSampleId :
 FETWP-4

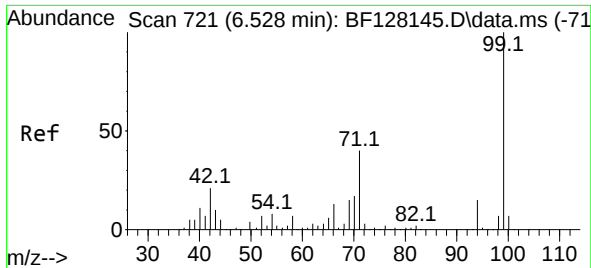
Tgt Ion:152 Resp: 80997
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.3 187.9
 115 70.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 53.778 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF128223.D
 Acq: 12 May 2022 19:02

Tgt Ion:112 Resp: 273244
 Ion Ratio Lower Upper
 112 100
 64 69.2 49.5 74.3
 63 37.4 26.3 39.5





#7

Phenol-d6

Concen: 33.356 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

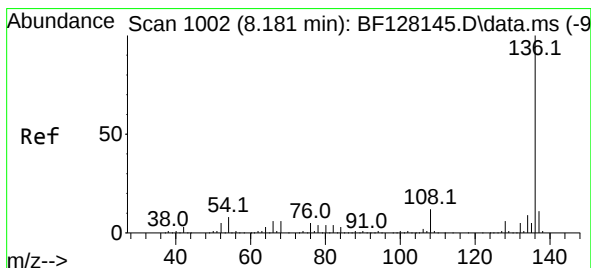
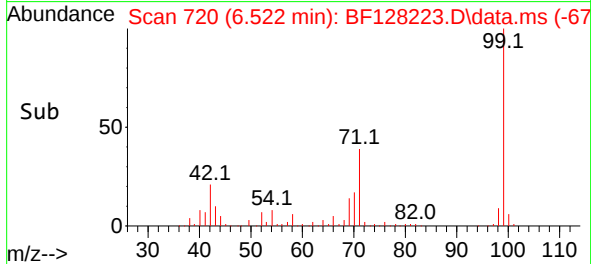
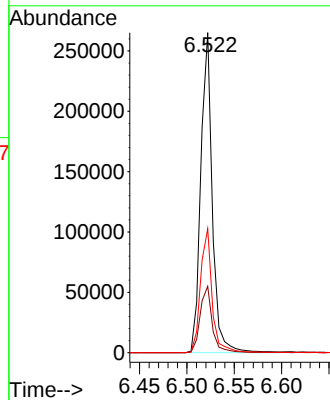
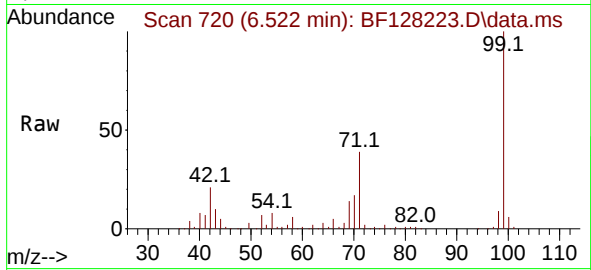
Tgt Ion: 99 Resp: 224165

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

71 38.7 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Tgt Ion: 136 Resp: 288096

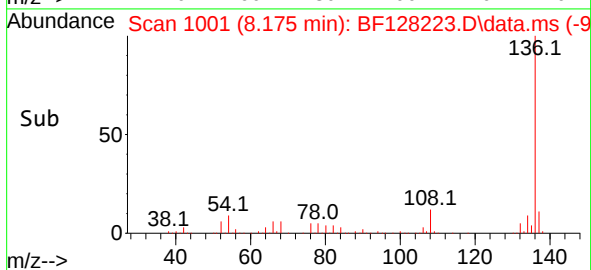
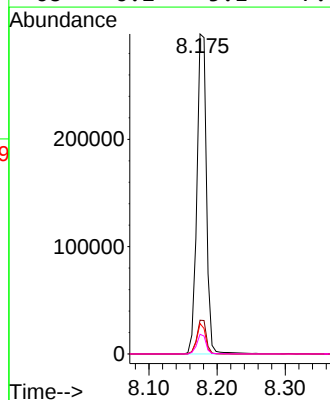
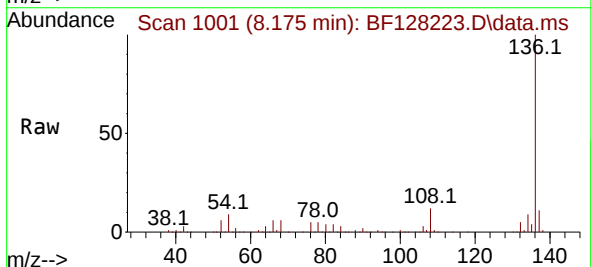
Ion Ratio Lower Upper

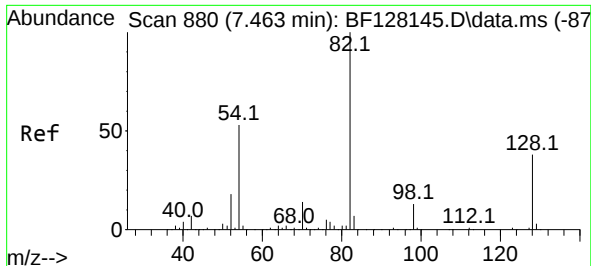
136 100

137 10.6 8.6 13.0

54 9.5 6.8 10.2

68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 94.582 ng

RT: 7.463 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

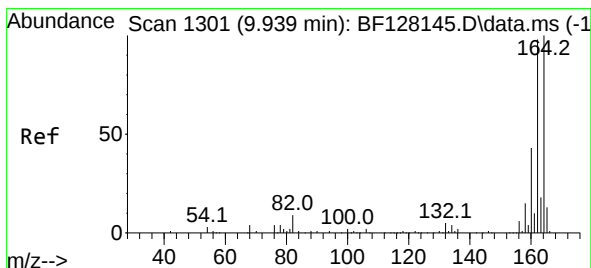
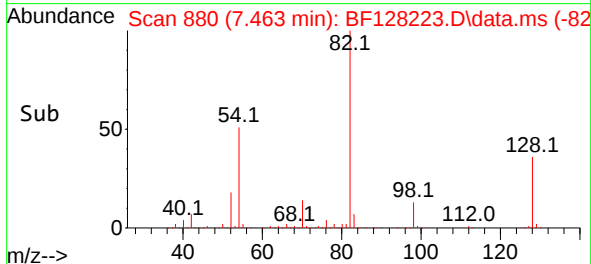
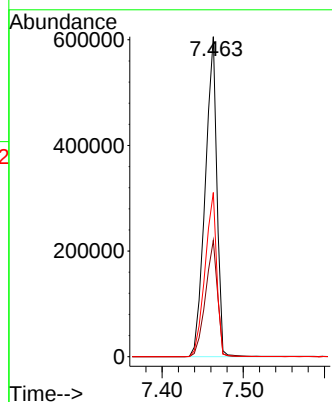
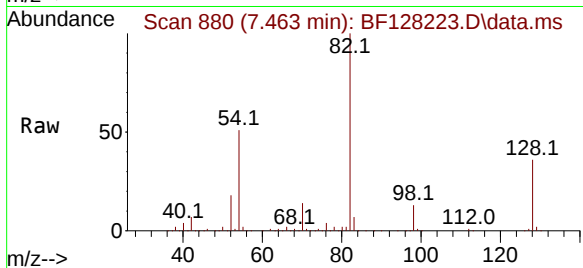
BNA_F

ClientSampleId :

FETWP-4

Tgt Ion: 82 Resp: 605575

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	51.3	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1300

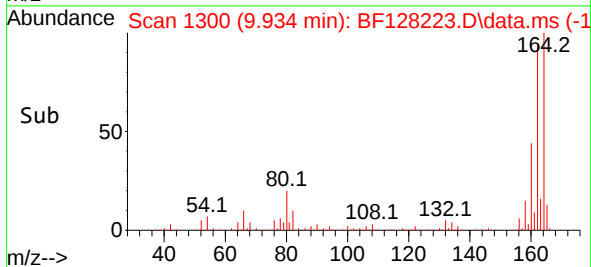
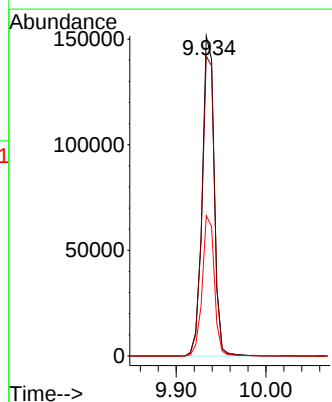
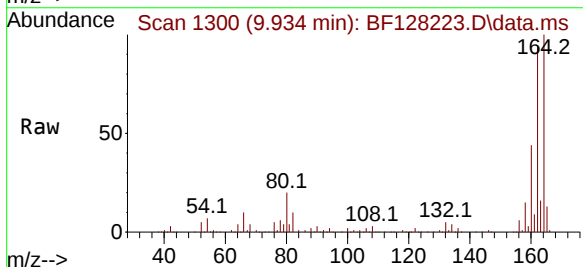
Delta R.T. -0.005 min

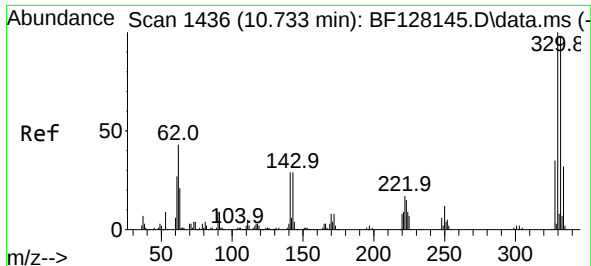
Lab File: BF128223.D

Acq: 12 May 2022 19:02

Tgt Ion:164 Resp: 140986

Ion	Ratio	Lower	Upper
164	100		
162	93.7	76.0	114.0
160	43.9	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 86.523 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

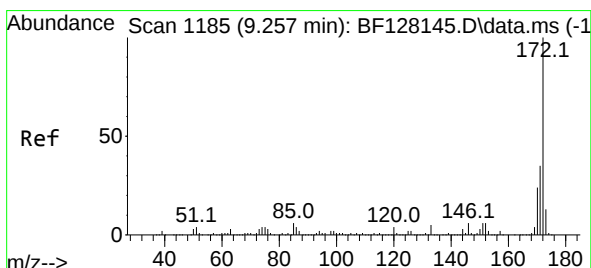
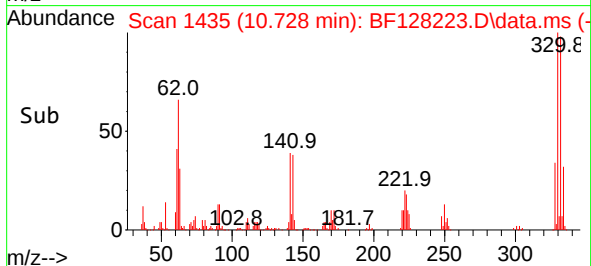
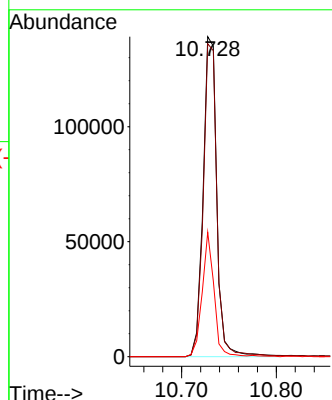
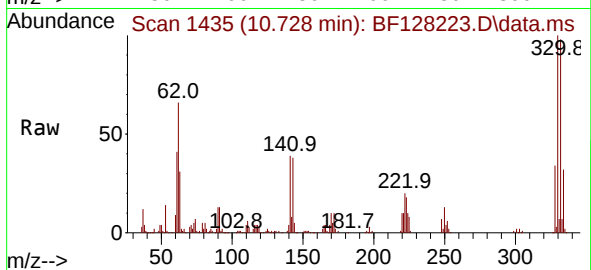
Tgt Ion:330 Resp: 139902

Ion Ratio Lower Upper

330 100

332 98.5 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 100.279 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

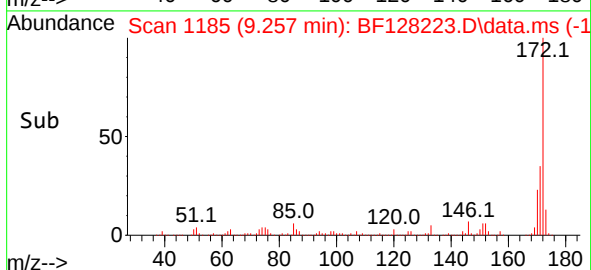
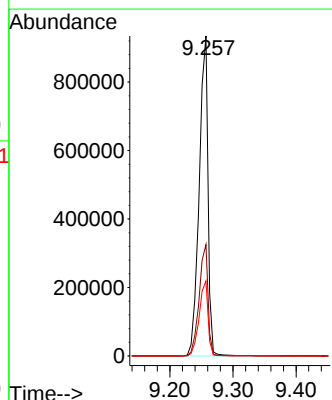
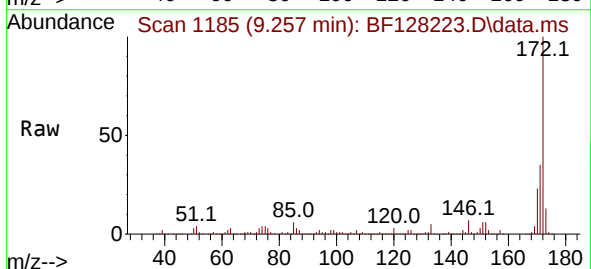
Tgt Ion:172 Resp: 903559

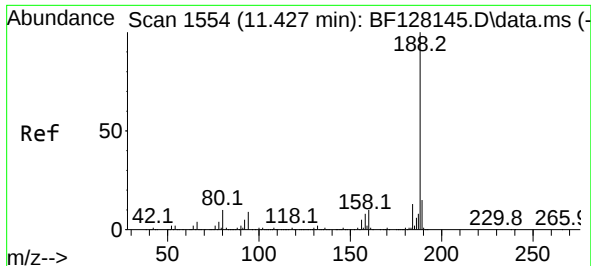
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7

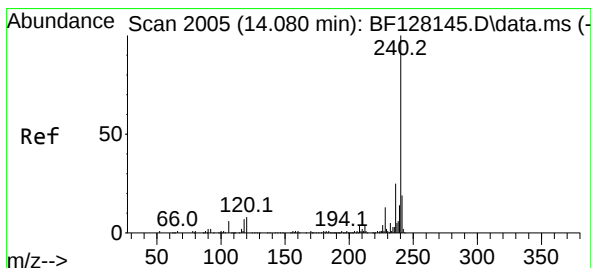
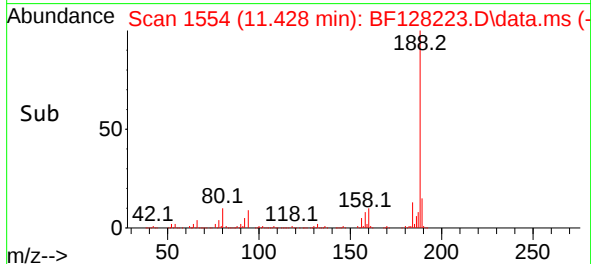
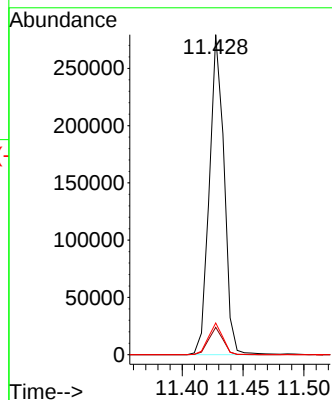
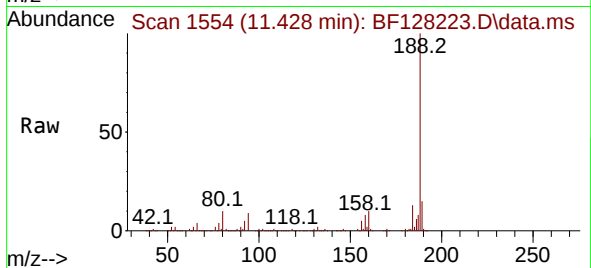




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

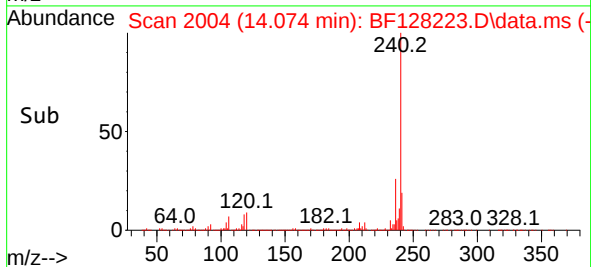
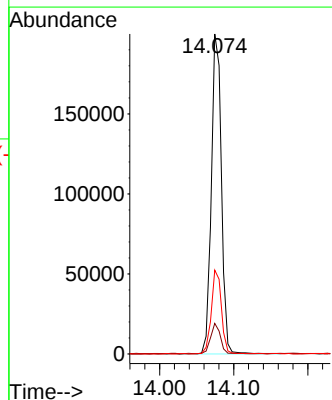
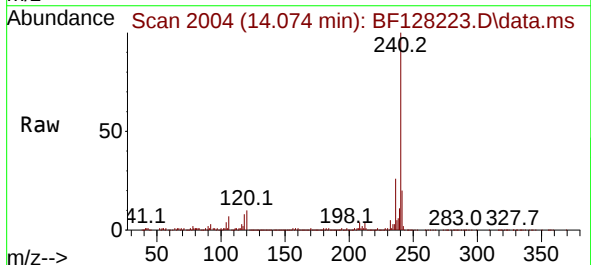
Instrument :
BNA_F
ClientSampleId :
FETWP-4

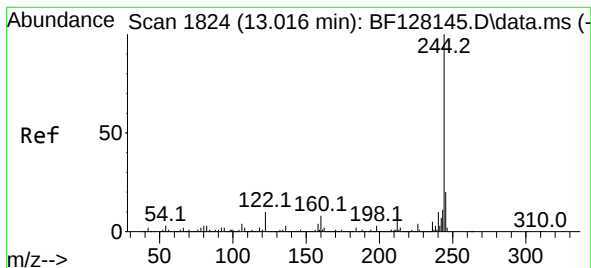
Tgt Ion:188 Resp: 235047
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128223.D
Acq: 12 May 2022 19:02

Tgt Ion:240 Resp: 188684
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 86.674 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Instrument :

BNA_F

ClientSampleId :

FETWP-4

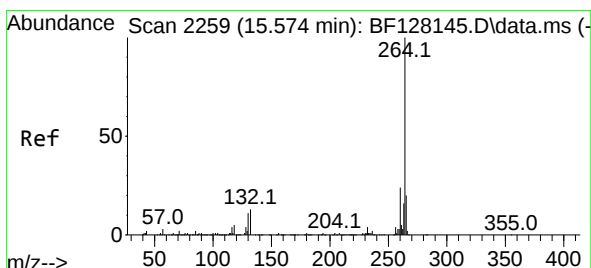
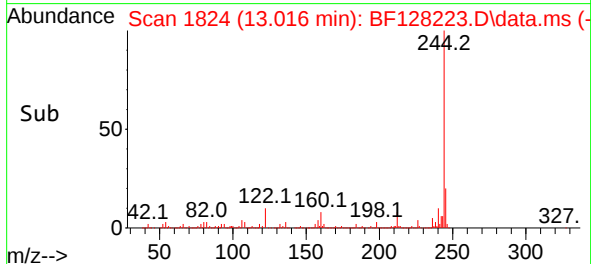
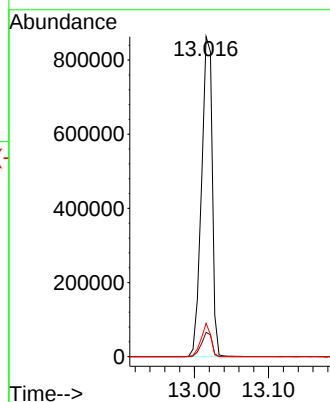
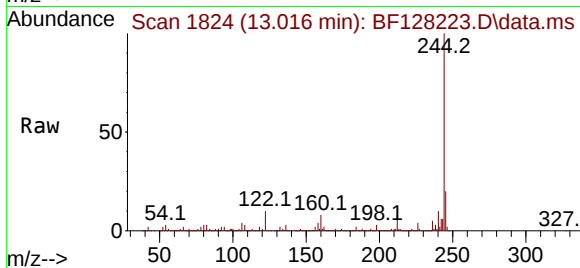
Tgt Ion:244 Resp: 871552

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF128223.D

Acq: 12 May 2022 19:02

Tgt Ion:264 Resp: 145018

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.9 17.5 26.3

