

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128024.D
 Acq On : 02 May 2022 14:20
 Operator : CG\JU
 Sample : N2641-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21

Quant Time: May 02 15:10:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107449	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	407350	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	230839	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	386685	20.000	ng	0.00
76) Chrysene-d12	14.110	240	220896	20.000	ng	0.00
86) Perylene-d12	15.621	264	249515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	664729	98.537	ng	0.00
7) Phenol-d6	6.557	99	881485	100.702	ng	0.00
23) Nitrobenzene-d5	7.493	82	630490	72.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	239544	103.084	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1032822	75.692	ng	0.00
79) Terphenyl-d14	13.051	244	877108	72.606	ng	0.00

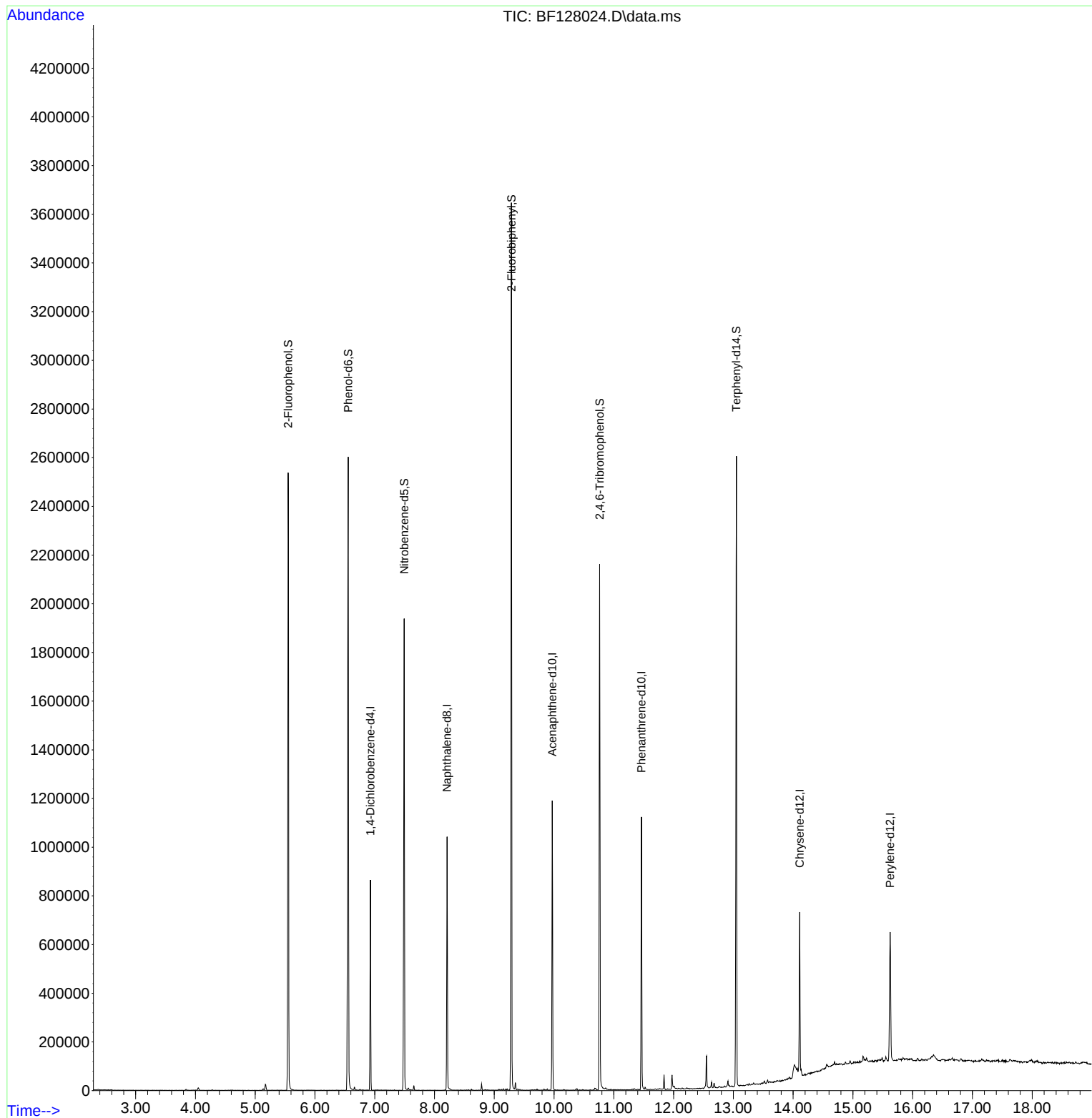
Target Compounds	Qvalue

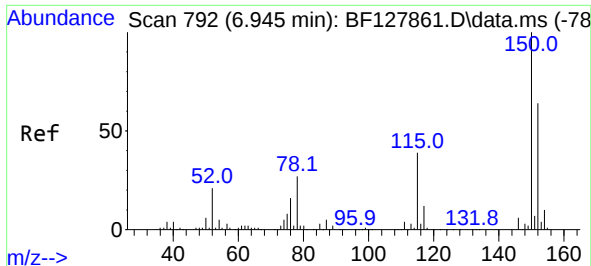
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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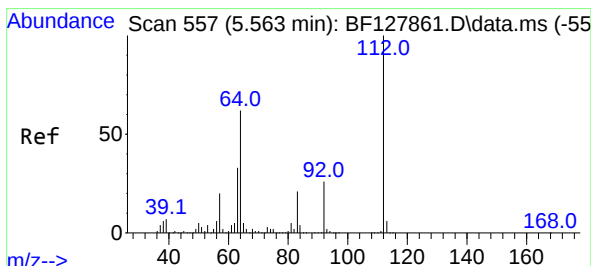
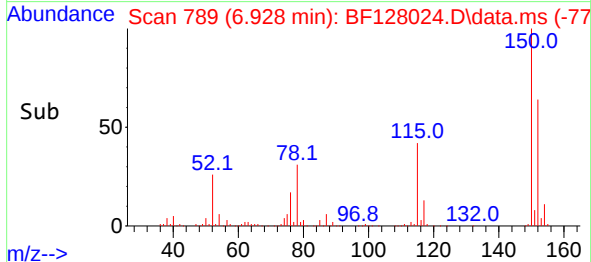
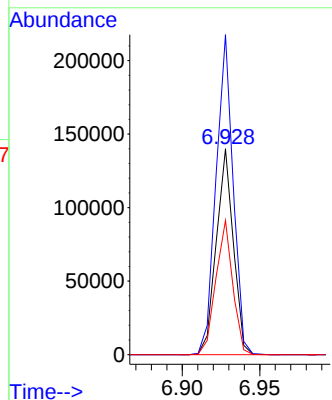
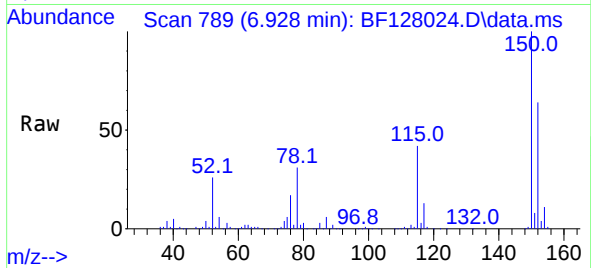




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

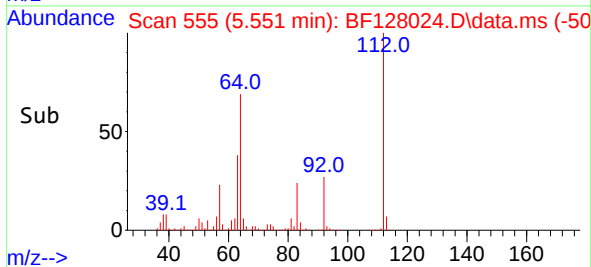
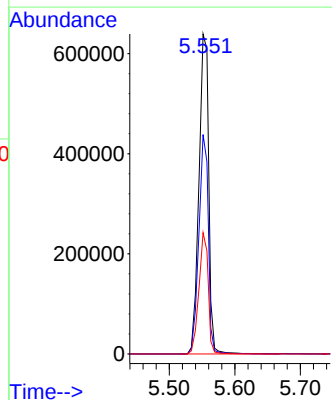
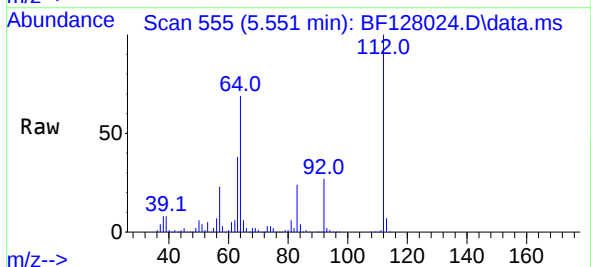
Instrument :
BNA_F
ClientSampleId :
TP-21

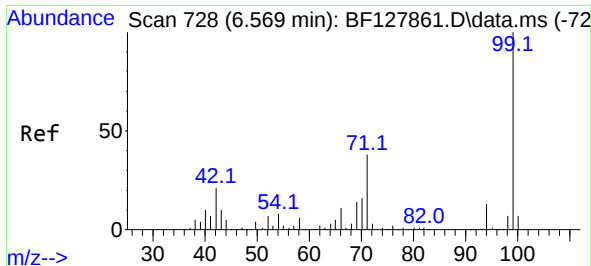
Tgt Ion:152 Resp: 107449
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 65.2 48.8 73.2



#5
2-Fluorophenol
Concen: 98.537 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:112 Resp: 664729
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 37.9 26.3 39.5

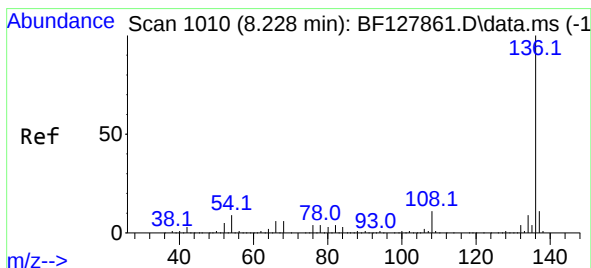
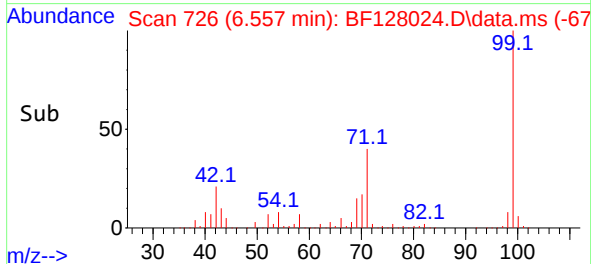
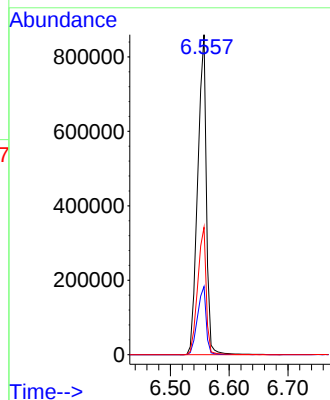
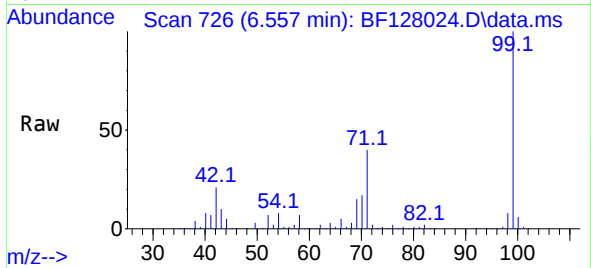




#7
Phenol-d6
Concen: 100.702 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

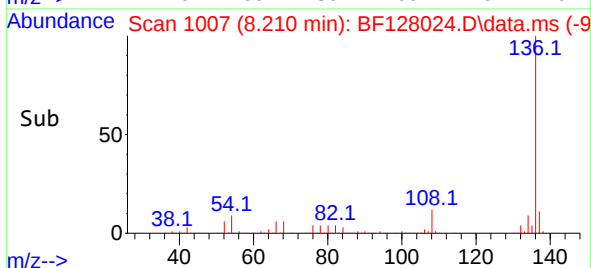
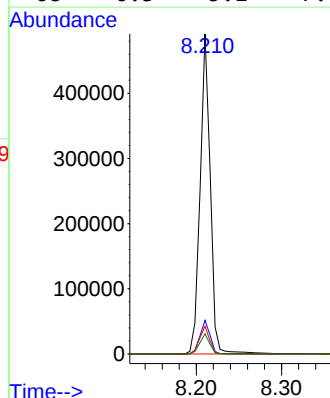
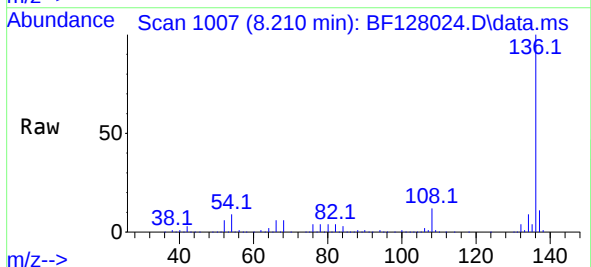
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion: 99 Resp: 881485
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.8 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion: 136 Resp: 407350
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 6.8 10.2
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 72.783 ng

RT: 7.493 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

TP-21

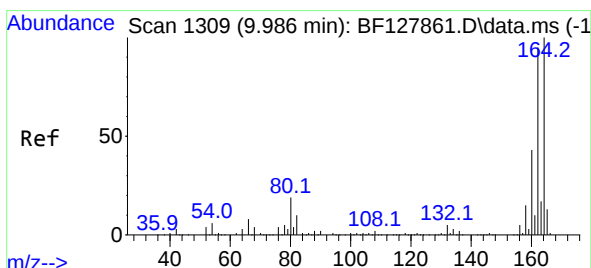
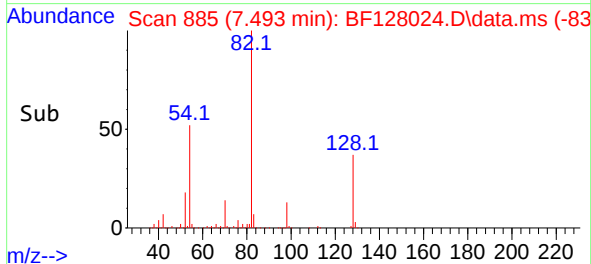
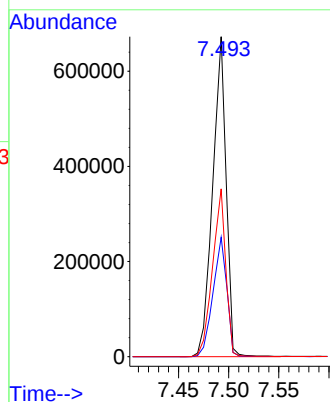
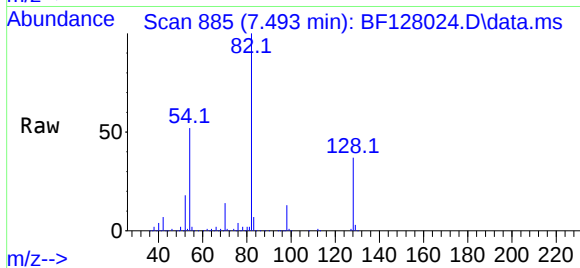
Tgt Ion: 82 Resp: 630490

Ion Ratio Lower Upper

82 100

128 37.3 30.0 45.0

54 52.4 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

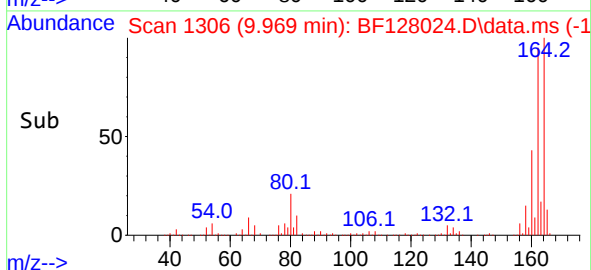
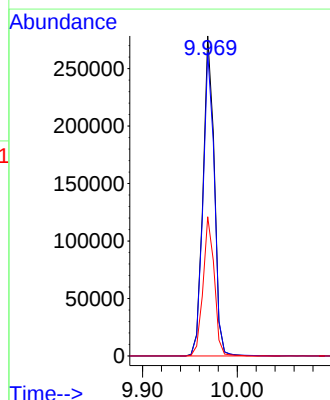
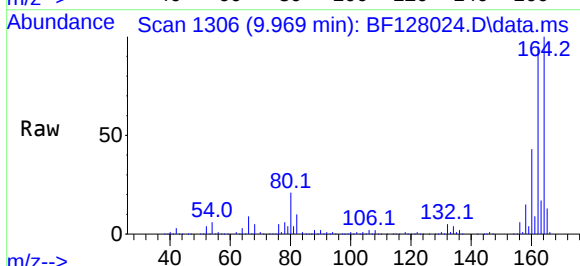
Tgt Ion:164 Resp: 230839

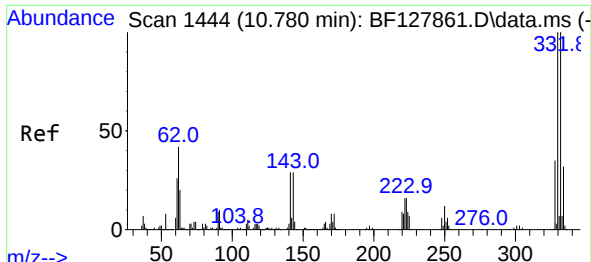
Ion Ratio Lower Upper

164 100

162 94.9 76.0 114.0

160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 103.084 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

TP-21

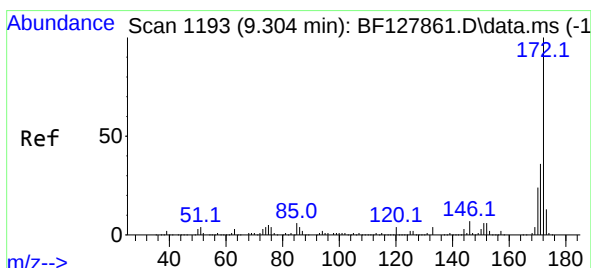
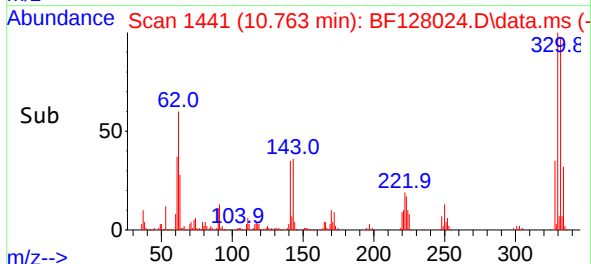
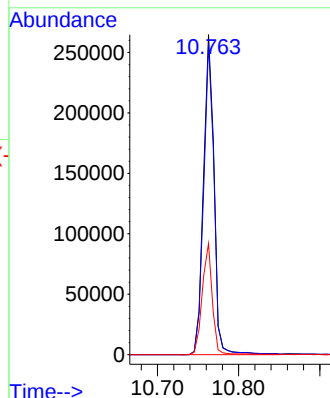
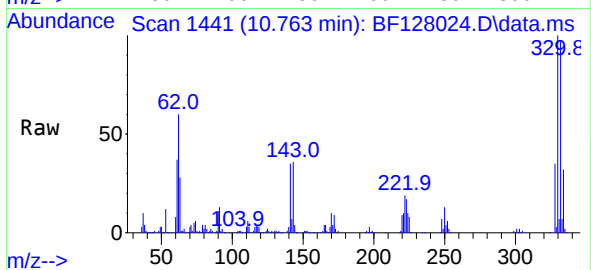
Tgt Ion:330 Resp: 239544

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 75.692 ng

RT: 9.287 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

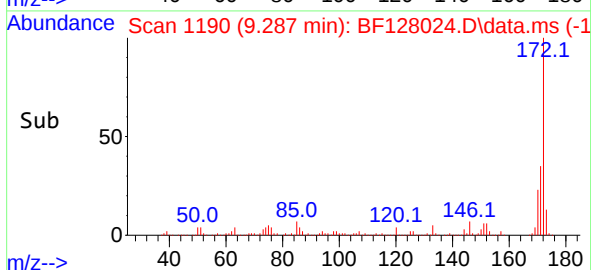
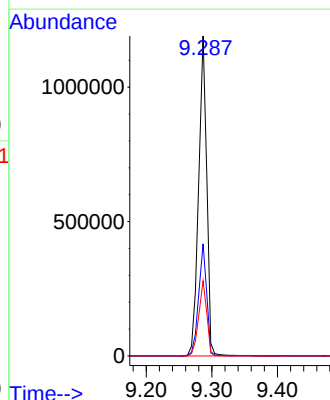
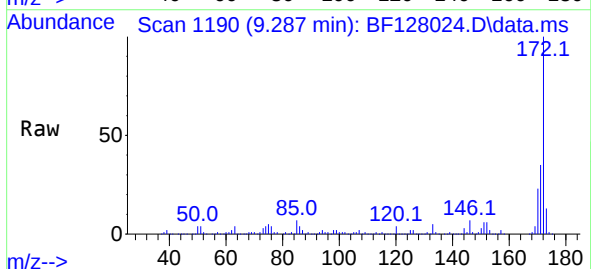
Tgt Ion:172 Resp: 1032822

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

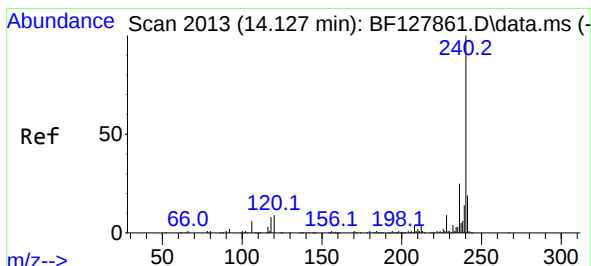
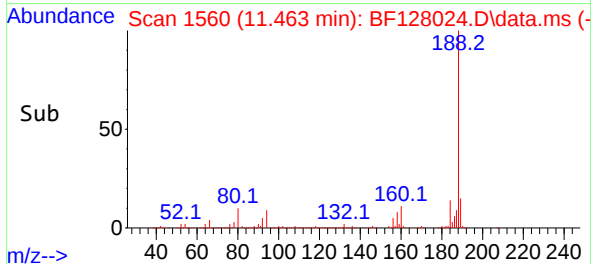
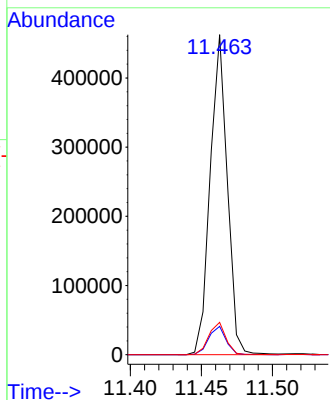
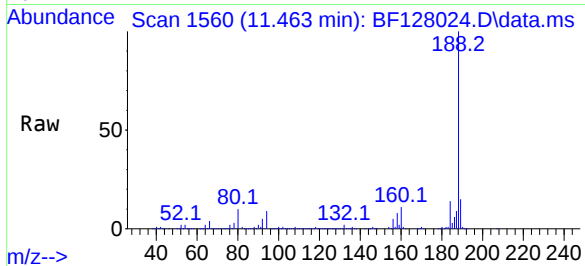




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

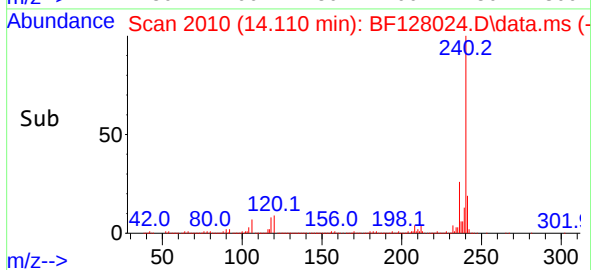
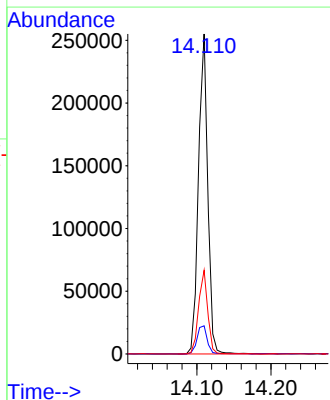
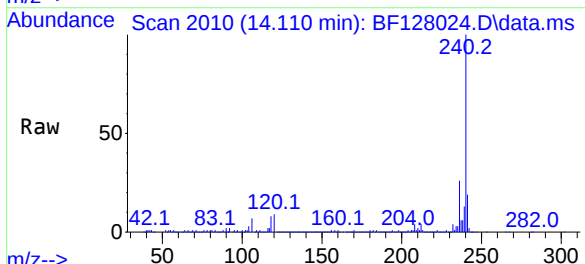
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion:188 Resp: 386685
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:240 Resp: 220896
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.2 20.3 30.5

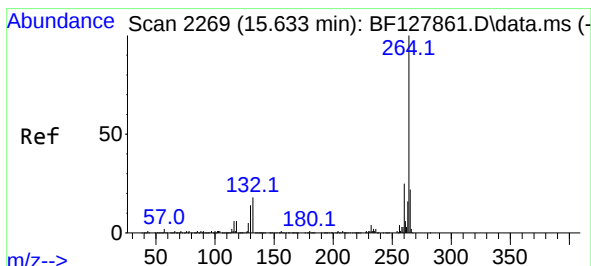
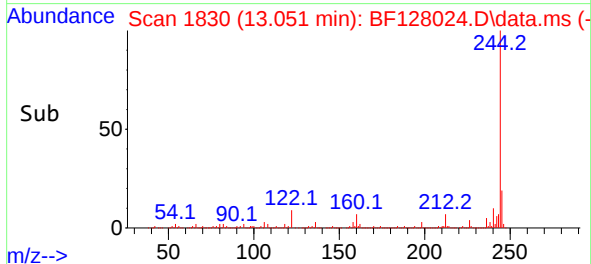
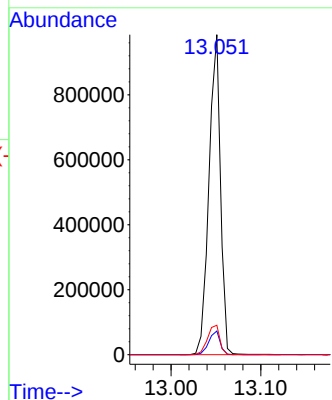
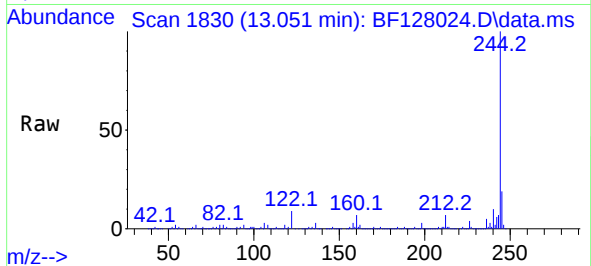




#79
 Terphenyl-d14
 Concen: 72.606 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF128024.D
 Acq: 02 May 2022 14:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-21

Tgt Ion:244 Resp: 877108
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF128024.D
 Acq: 02 May 2022 14:20

Tgt Ion:264 Resp: 249515
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.4 17.5 26.3

