

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128201.D
 Acq On : 11 May 2022 18:20
 Operator : CG\JU
 Sample : N2762-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Time: May 12 06:00:45 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	6.892	152	85897	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	337344	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197934	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	366951	20.000	ng	0.00
76) Chrysene-d12	14.068	240	249410	20.000	ng	-0.01
86) Perylene-d12	15.562	264	181917	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	458498	85.091	ng	0.00
7) Phenol-d6	6.516	99	609671	85.545	ng	-0.01
23) Nitrobenzene-d5	7.457	82	432587	57.701	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	190101	83.743	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	714862	56.511	ng	0.00
79) Terphenyl-d14	13.010	244	777392	58.486	ng	0.00

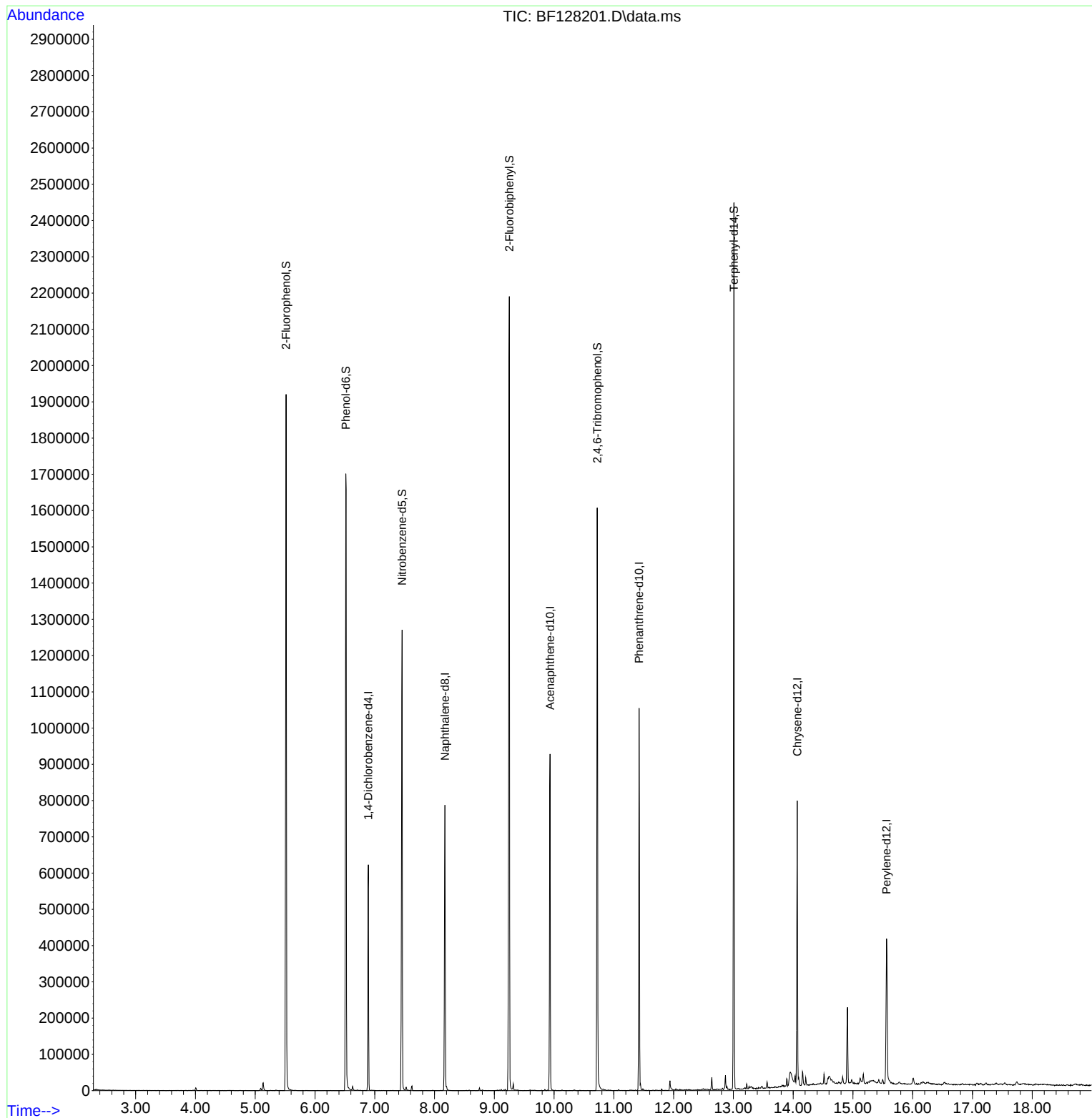
Target Compounds	Qvalue

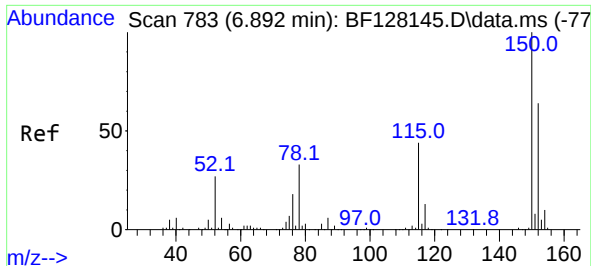
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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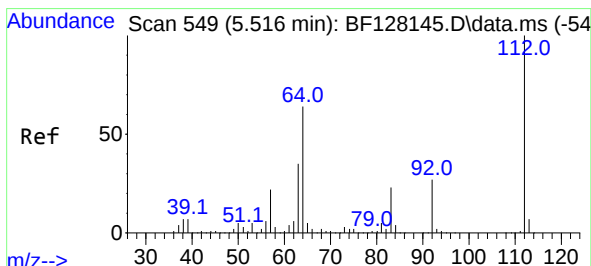
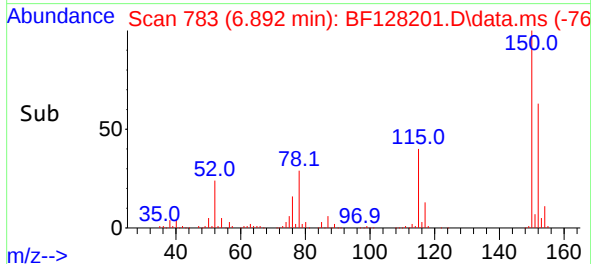
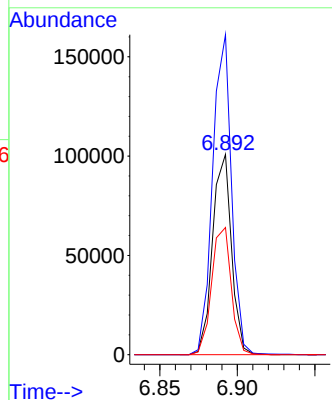
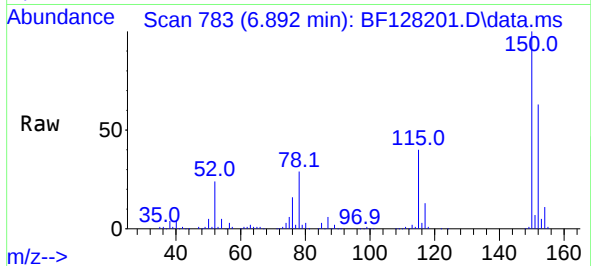




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

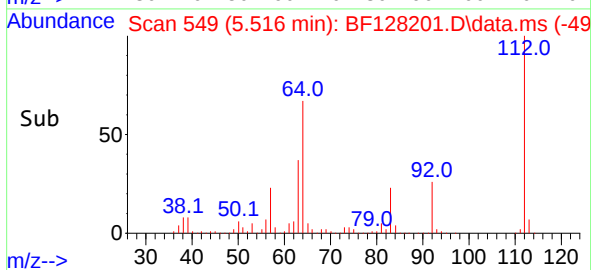
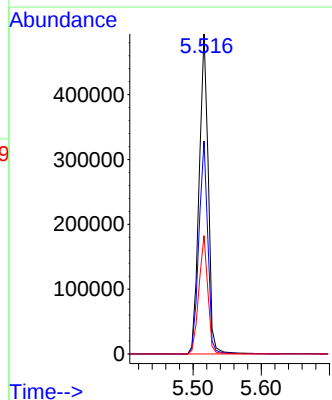
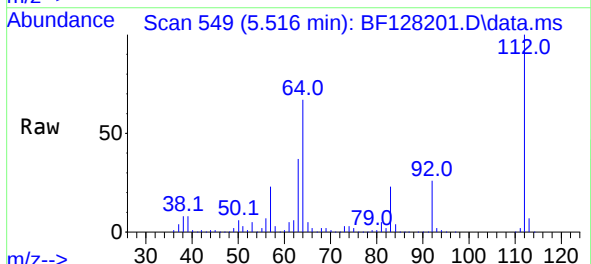
Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion:152 Resp: 85897
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 63.5 48.8 73.2

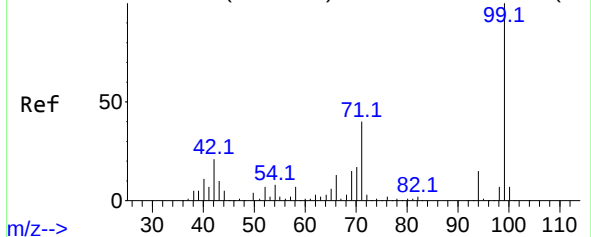


#5
2-Fluorophenol
Concen: 85.091 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

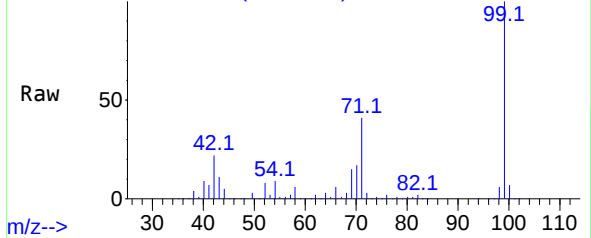
Tgt Ion:112 Resp: 458498
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 37.0 26.3 39.5



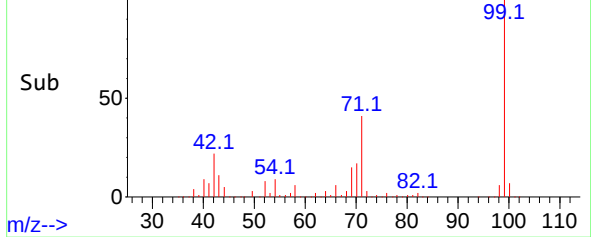
Abundance Scan 721 (6.528 min): BF128145.D\data.ms (-71



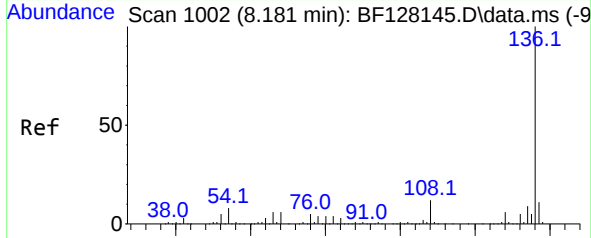
m/z--> Scan 719 (6.516 min): BF128201.D\data.ms



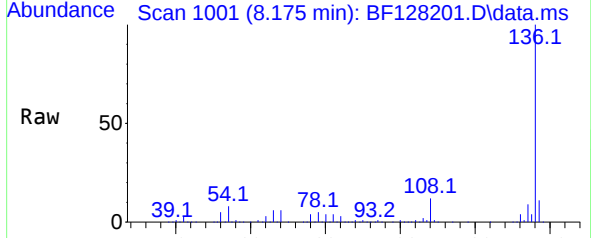
Abundance Scan 719 (6.516 min): BF128201.D\data.ms (-67



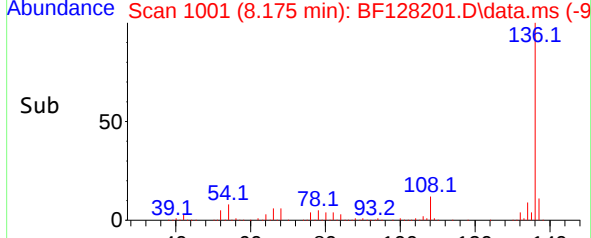
m/z--> Scan 1002 (8.181 min): BF128145.D\data.ms (-9



m/z--> Scan 1001 (8.175 min): BF128201.D\data.ms



Abundance Scan 1001 (8.175 min): BF128201.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 85.545 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB03

Tgt Ion: 99 Resp: 609671

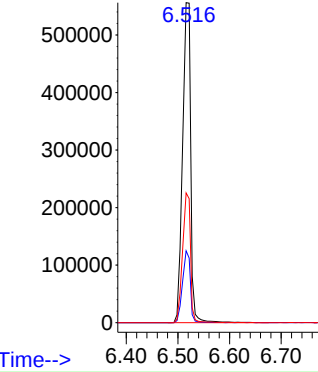
Ion Ratio Lower Upper

99 100

42 22.4 16.6 24.8

71 40.5 30.0 45.0

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

Tgt Ion:136 Resp: 337344

Ion Ratio Lower Upper

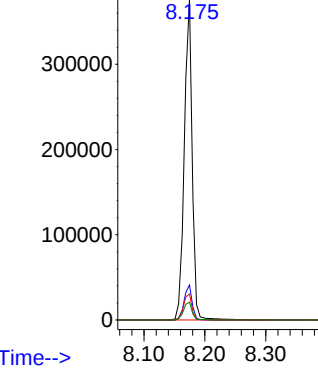
136 100

137 10.9 8.6 13.0

54 8.1 6.8 10.2

68 5.6 5.1 7.7

Abundance



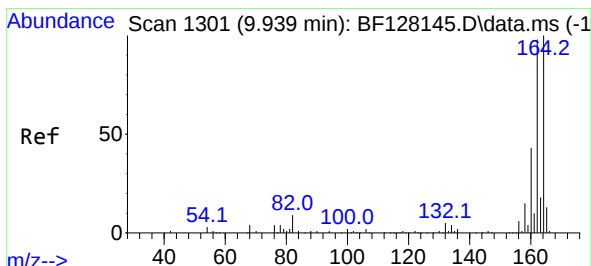
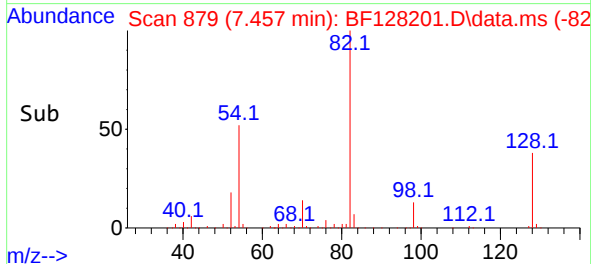
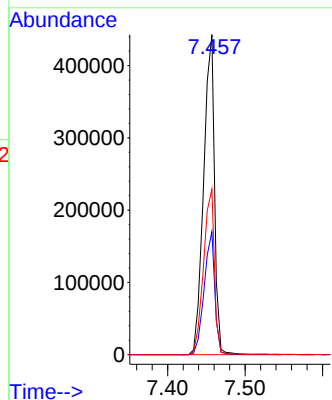
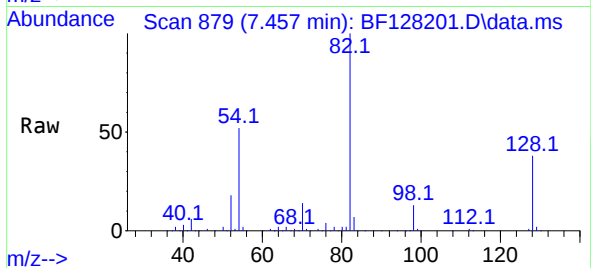
Time-->



#23
Nitrobenzene-d5
Concen: 57.701 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

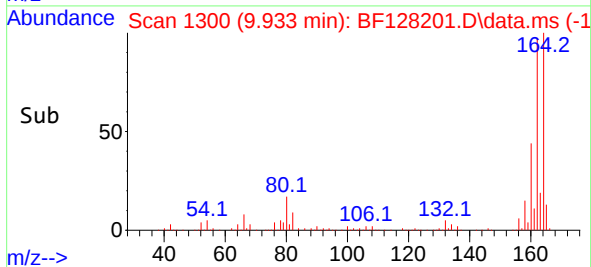
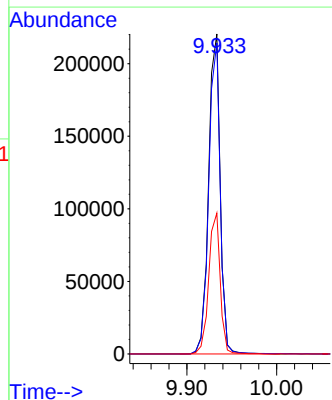
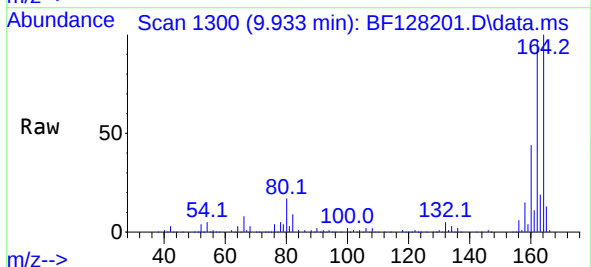
Instrument :
BNA_F
ClientSampleId :
SB03

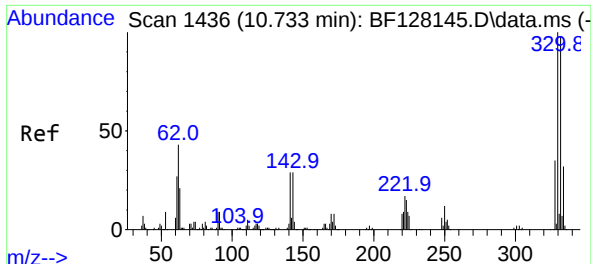
Tgt Ion: 82 Resp: 432587
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 51.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:164 Resp: 197934
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.743 ng

RT: 10.721 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB03

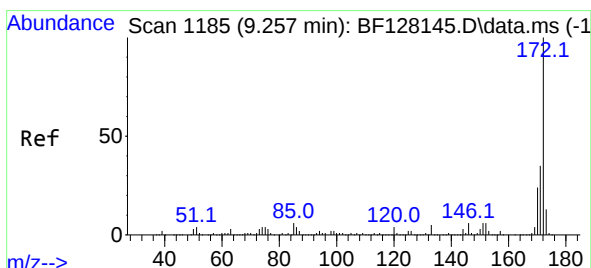
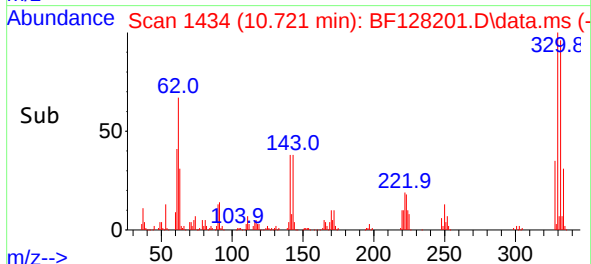
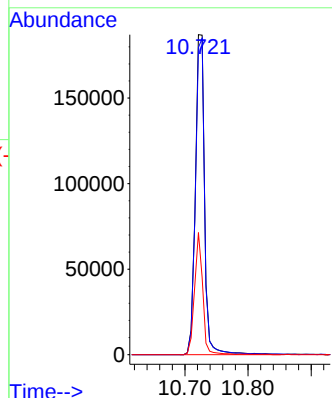
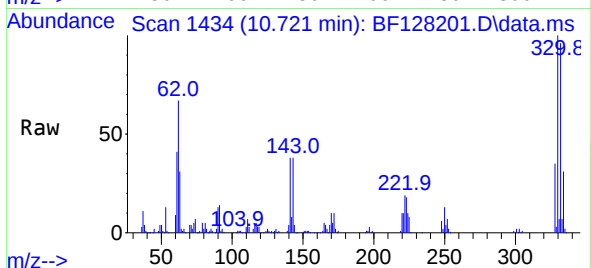
Tgt Ion:330 Resp: 190101

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.511 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

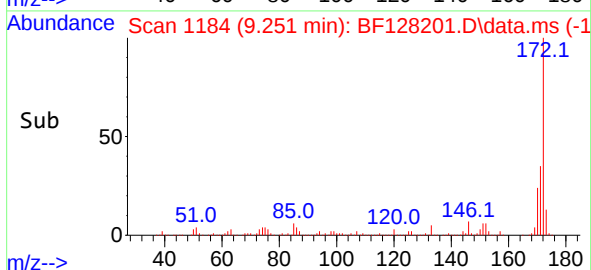
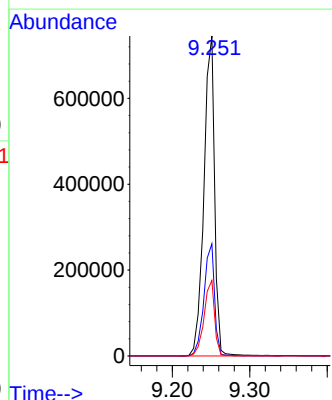
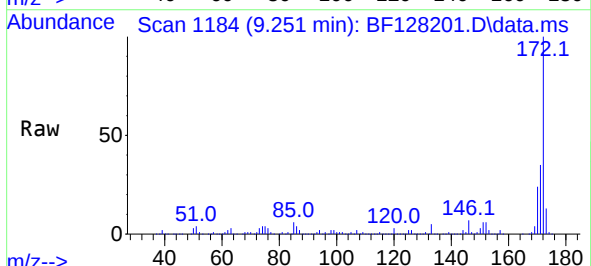
Tgt Ion:172 Resp: 714862

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

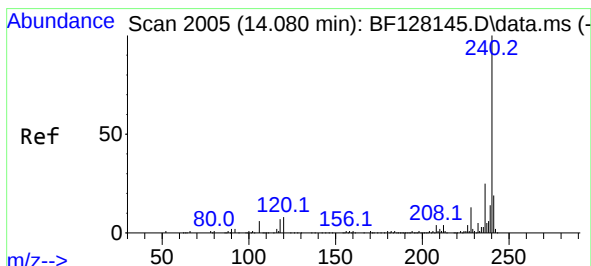
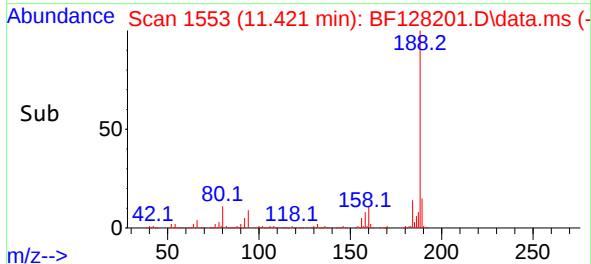
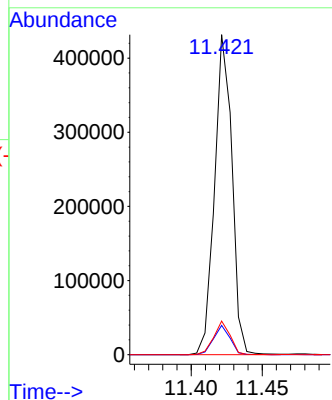
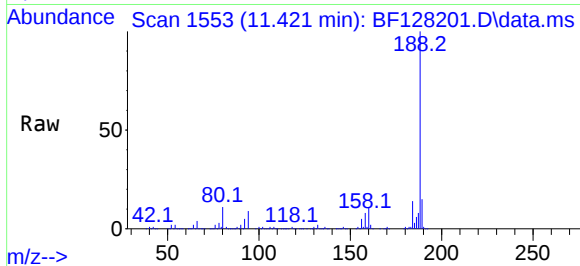




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

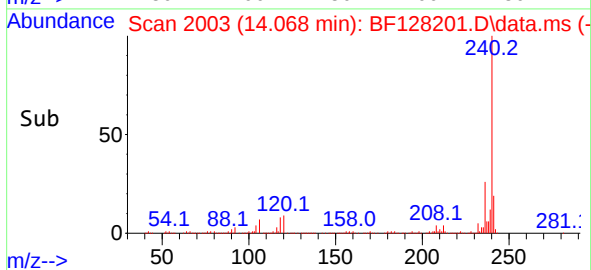
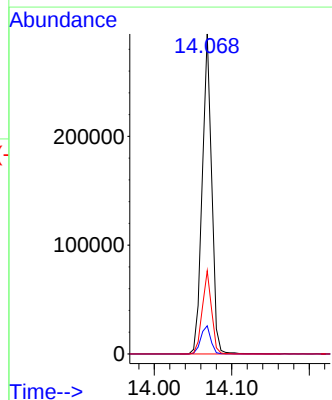
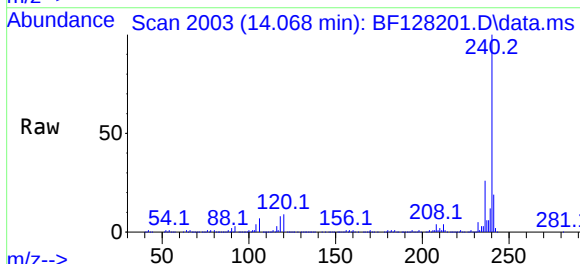
Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion:188 Resp: 366951
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:240 Resp: 249410
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 20.3 30.5

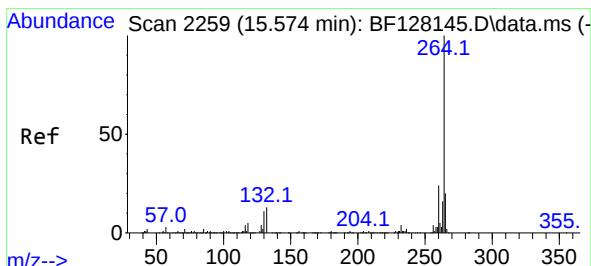
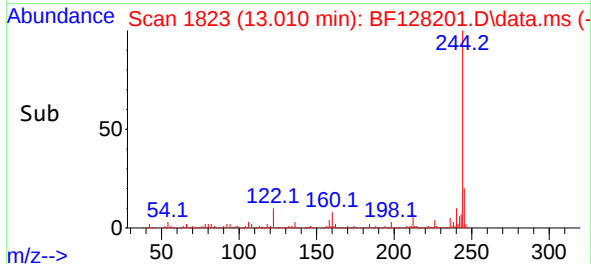
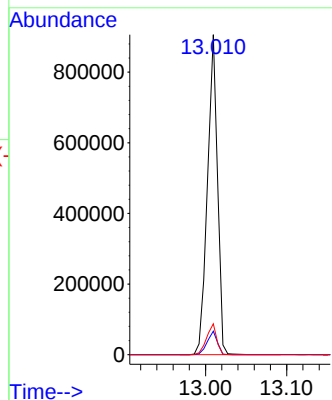
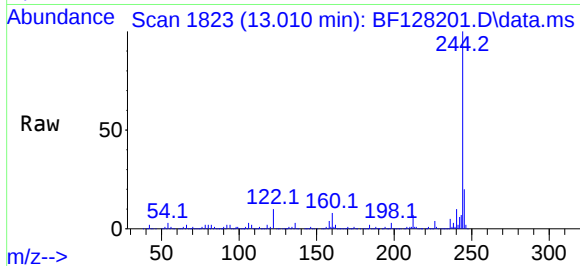




#79
 Terphenyl-d14
 Concen: 58.486 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128201.D
 Acq: 11 May 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Tgt Ion:244 Resp: 777392
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128201.D
 Acq: 11 May 2022 18:20

Tgt Ion:264 Resp: 181917
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.3 17.5 26.3

