

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128216.D
 Acq On : 12 May 2022 13:31
 Operator : CG\JU
 Sample : PB144653TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

Quant Time: May 13 05:14:43 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	80986	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	319953	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	184979	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	347869	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	279031	20.000	ng	0.00
86) Perylene-d12	15.574	264	224976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	653558	128.647	ng	0.01
7) Phenol-d6	6.528	99	842438	125.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	629486	88.528	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	264060	124.470	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1056557	89.372	ng	0.00
79) Terphenyl-d14	13.015	244	1297156	87.231	ng	0.00

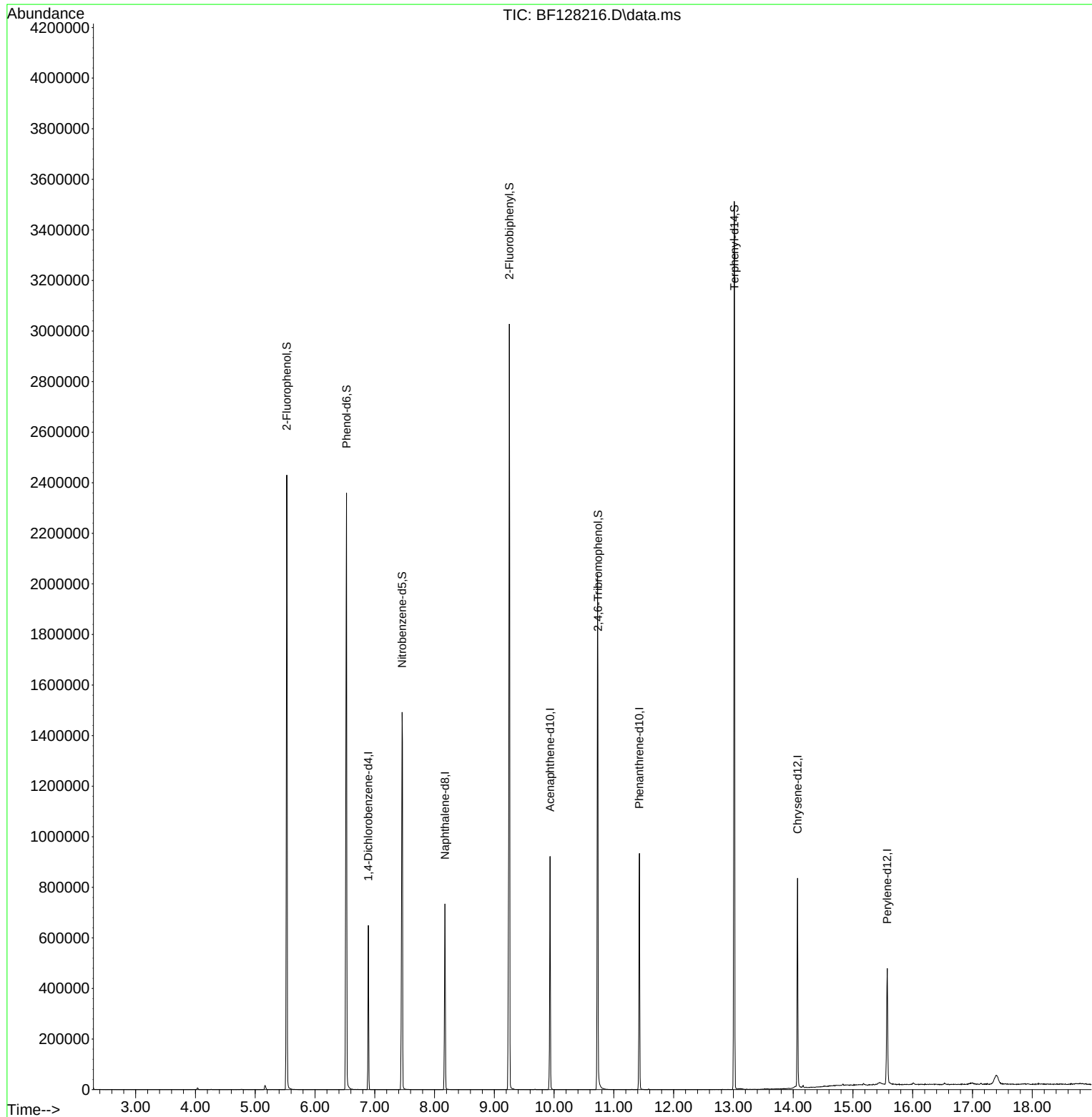
Target Compounds	Qvalue

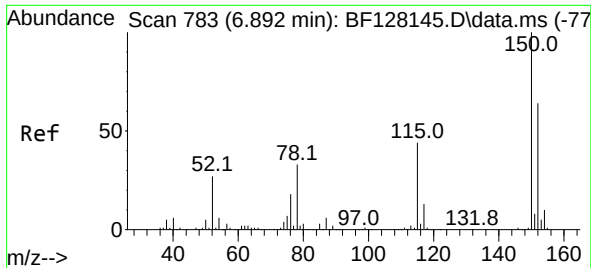
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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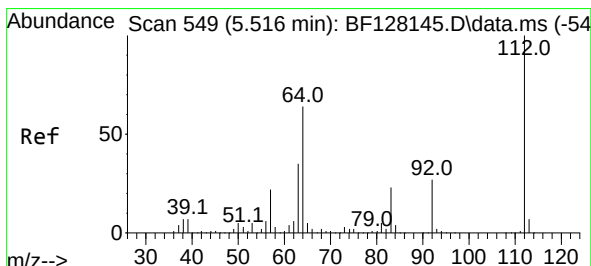
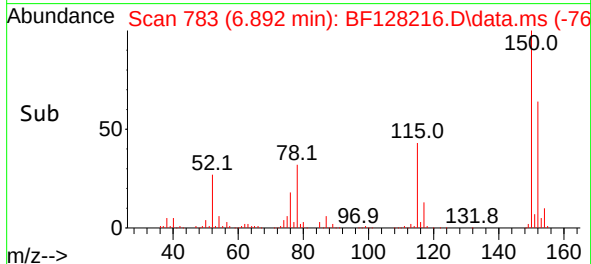
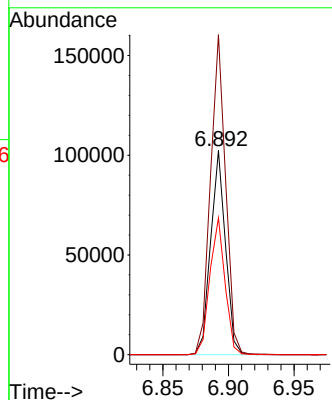
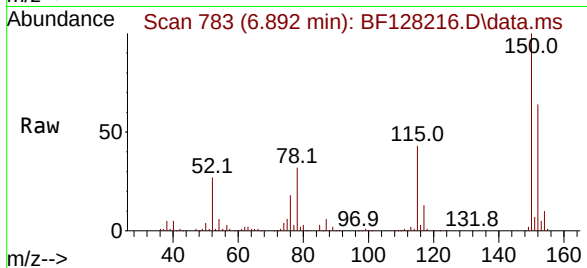




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

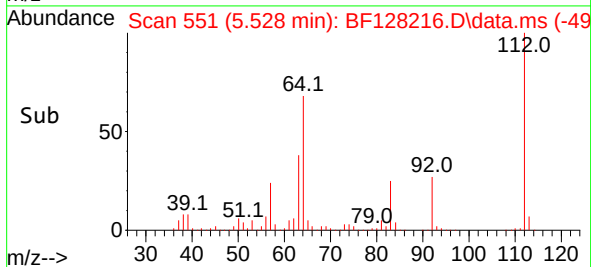
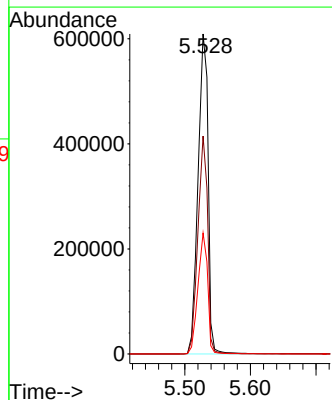
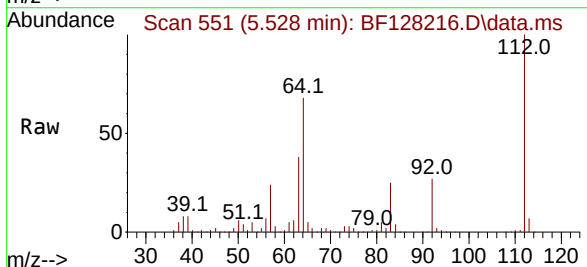
Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

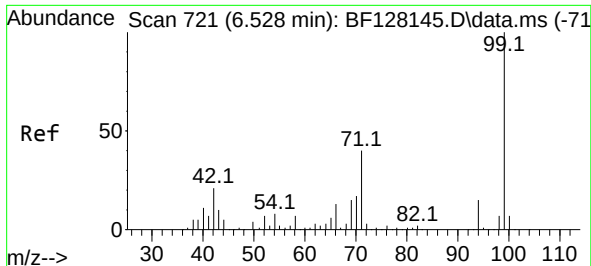
Tgt Ion:152 Resp: 80986
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.3 187.9
 115 67.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 128.647 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

Tgt Ion:112 Resp: 653558
 Ion Ratio Lower Upper
 112 100
 64 68.1 49.5 74.3
 63 37.8 26.3 39.5

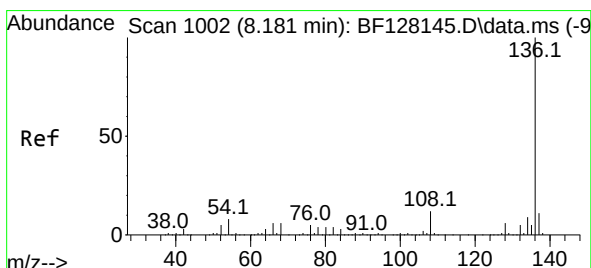
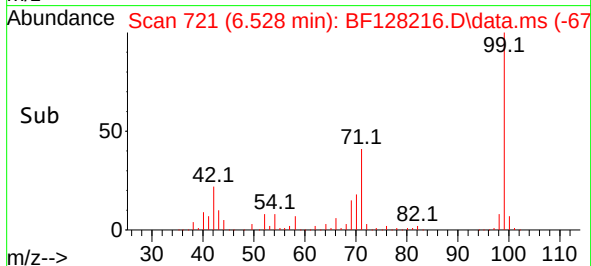
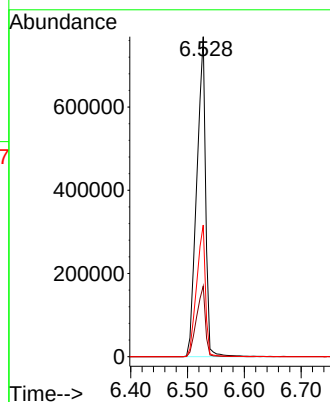
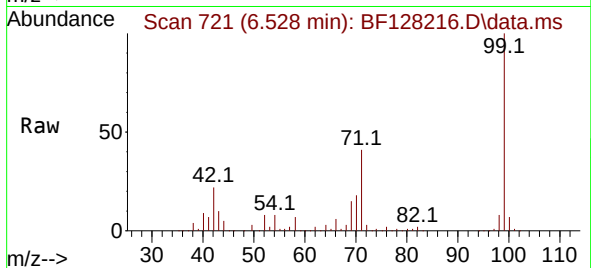




#7
Phenol-d6
Concen: 125.374 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

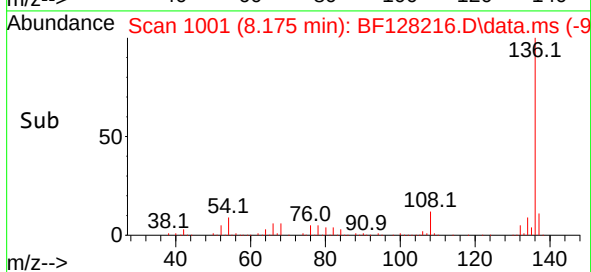
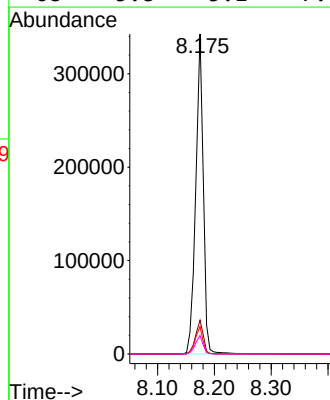
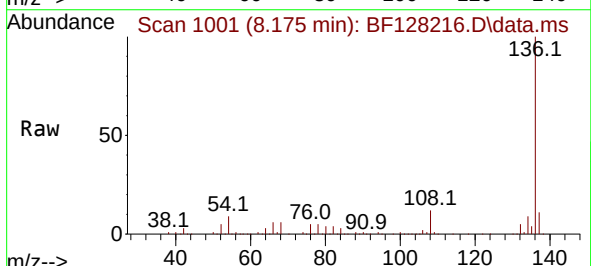
Instrument :
BNA_F
ClientSampleId :
PB144653TB

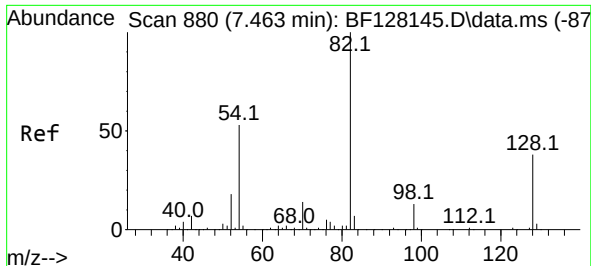
Tgt Ion: 99 Resp: 842438
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion: 136 Resp: 319953
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 6.8 10.2
68 5.8 5.1 7.7

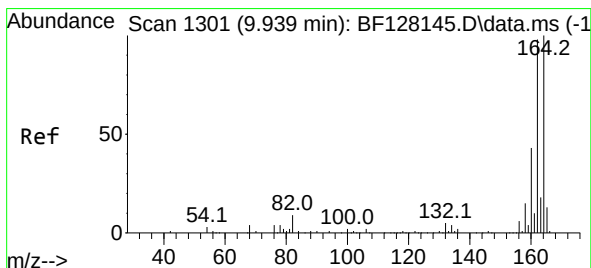
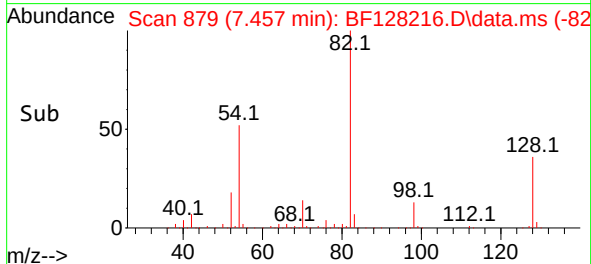
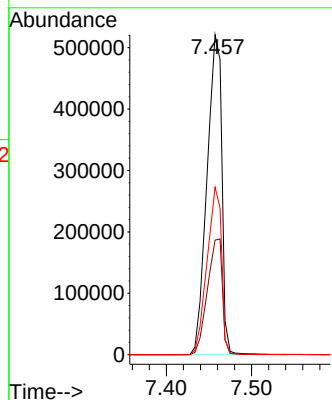
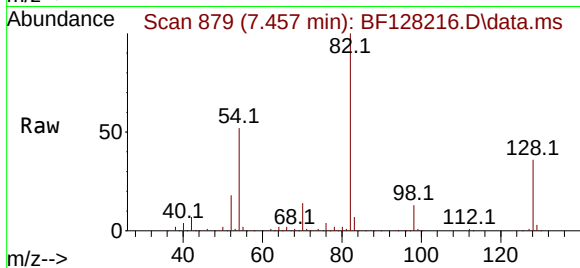




#23
Nitrobenzene-d5
Concen: 88.528 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

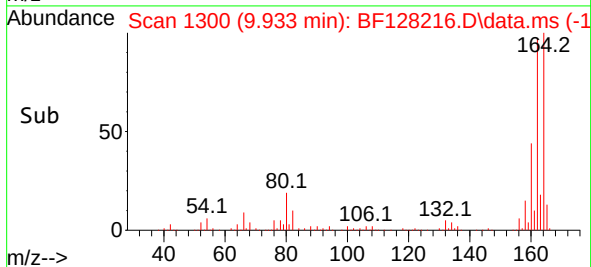
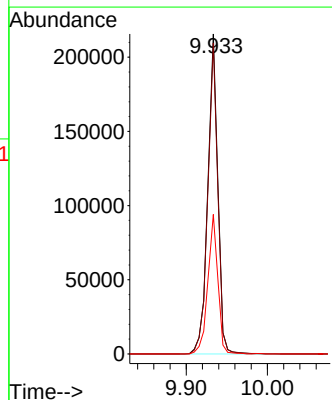
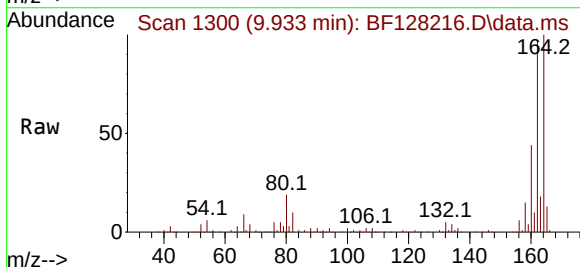
Instrument :
BNA_F
ClientSampleId :
PB144653TB

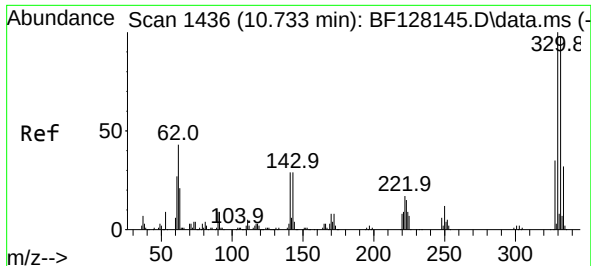
Tgt Ion: 82 Resp: 629486
Ion Ratio Lower Upper
82 100
128 35.8 30.0 45.0
54 52.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:164 Resp: 184979
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.470 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF128216.D

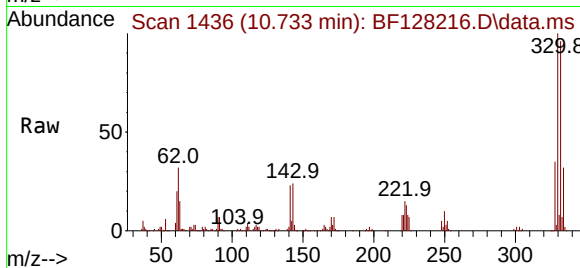
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Instrument :

BNA_F

ClientSampleId :

PB144653TB



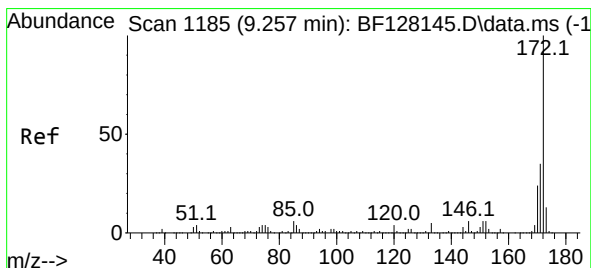
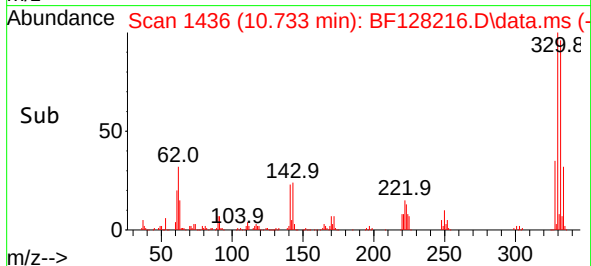
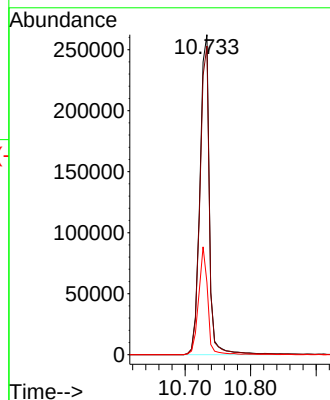
Tgt Ion:330 Resp: 264060

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 32.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.372 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128216.D

Acq: 12 May 2022 13:31

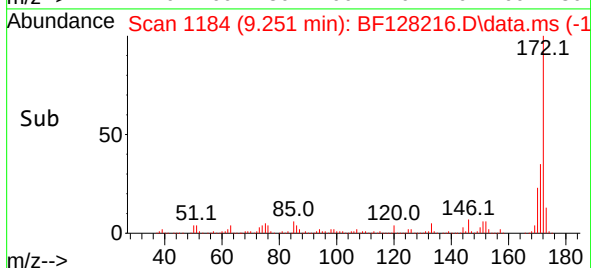
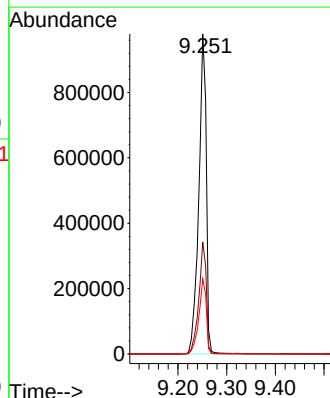
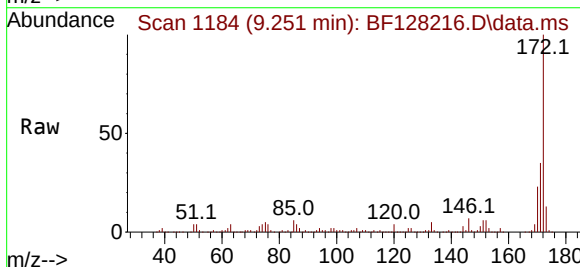
Tgt Ion:172 Resp: 1056557

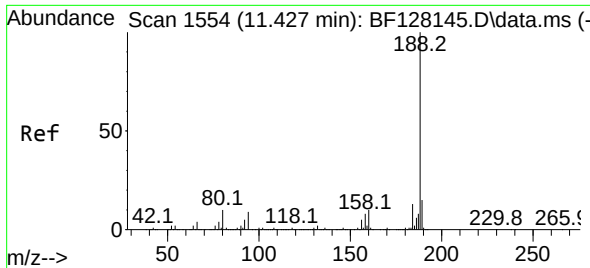
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

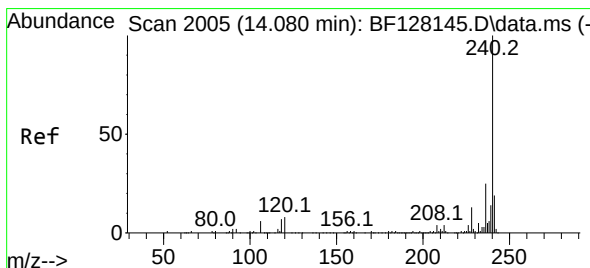
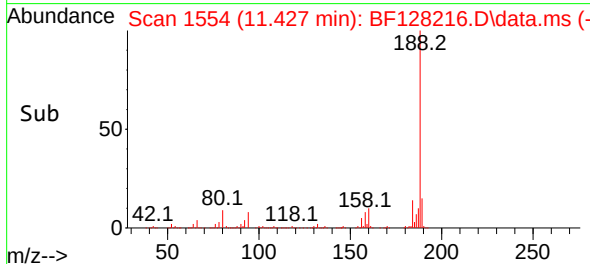
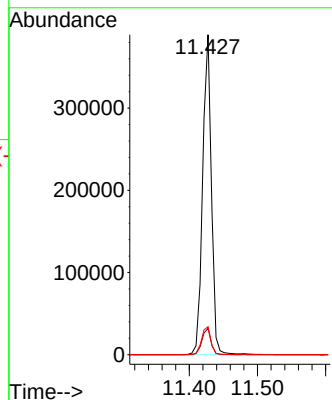
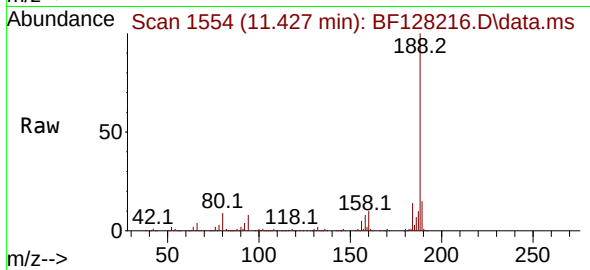




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

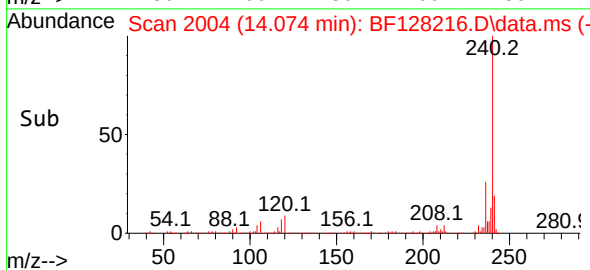
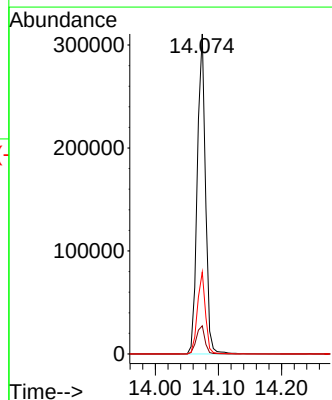
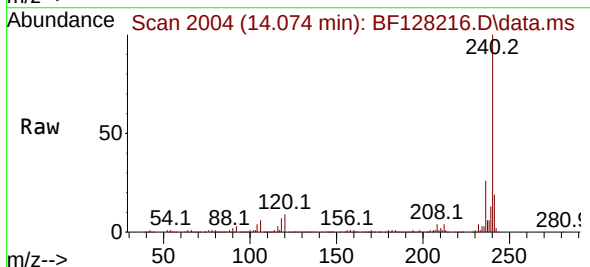
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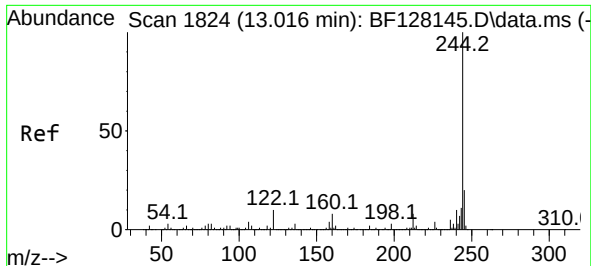
Tgt Ion:188 Resp: 347869
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128216.D
Acq: 12 May 2022 13:31

Tgt Ion:240 Resp: 279031
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.6 20.3 30.5

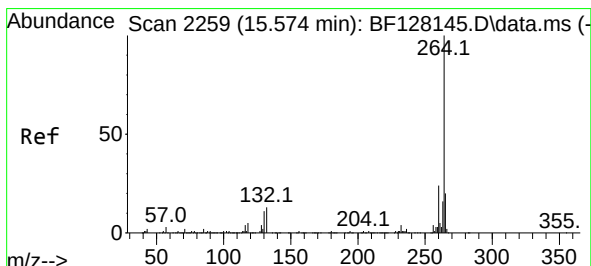
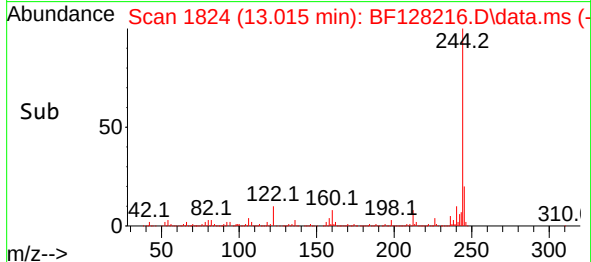
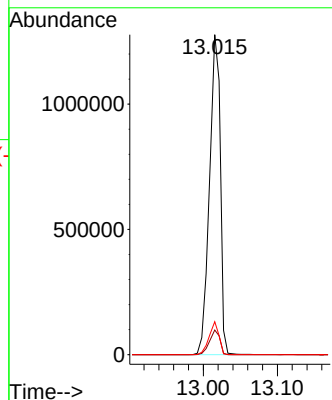
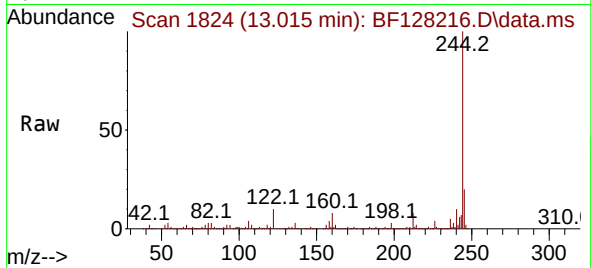




#79
 Terphenyl-d14
 Concen: 87.231 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB144653TB

Tgt Ion:244 Resp: 1297156
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BF128216.D
 Acq: 12 May 2022 13:31

Tgt Ion:264 Resp: 224976
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.7 17.5 26.3

