

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128197.D
 Acq On : 11 May 2022 16:23
 Operator : CG\JU
 Sample : N2761-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP05

Quant Time: May 12 06:00:17 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	81804	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	318876	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	186536	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353425	20.000	ng	0.00
76) Chrysene-d12	14.068	240	270373	20.000	ng	-0.01
86) Perylene-d12	15.562	264	200503	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	221378	43.140	ng	0.00
7) Phenol-d6	6.510	99	176219	25.963	ng	-0.02
23) Nitrobenzene-d5	7.457	82	627896	88.602	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	189863	88.748	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1035899	86.893	ng	0.00
79) Terphenyl-d14	13.016	244	1249434	86.712	ng	0.00

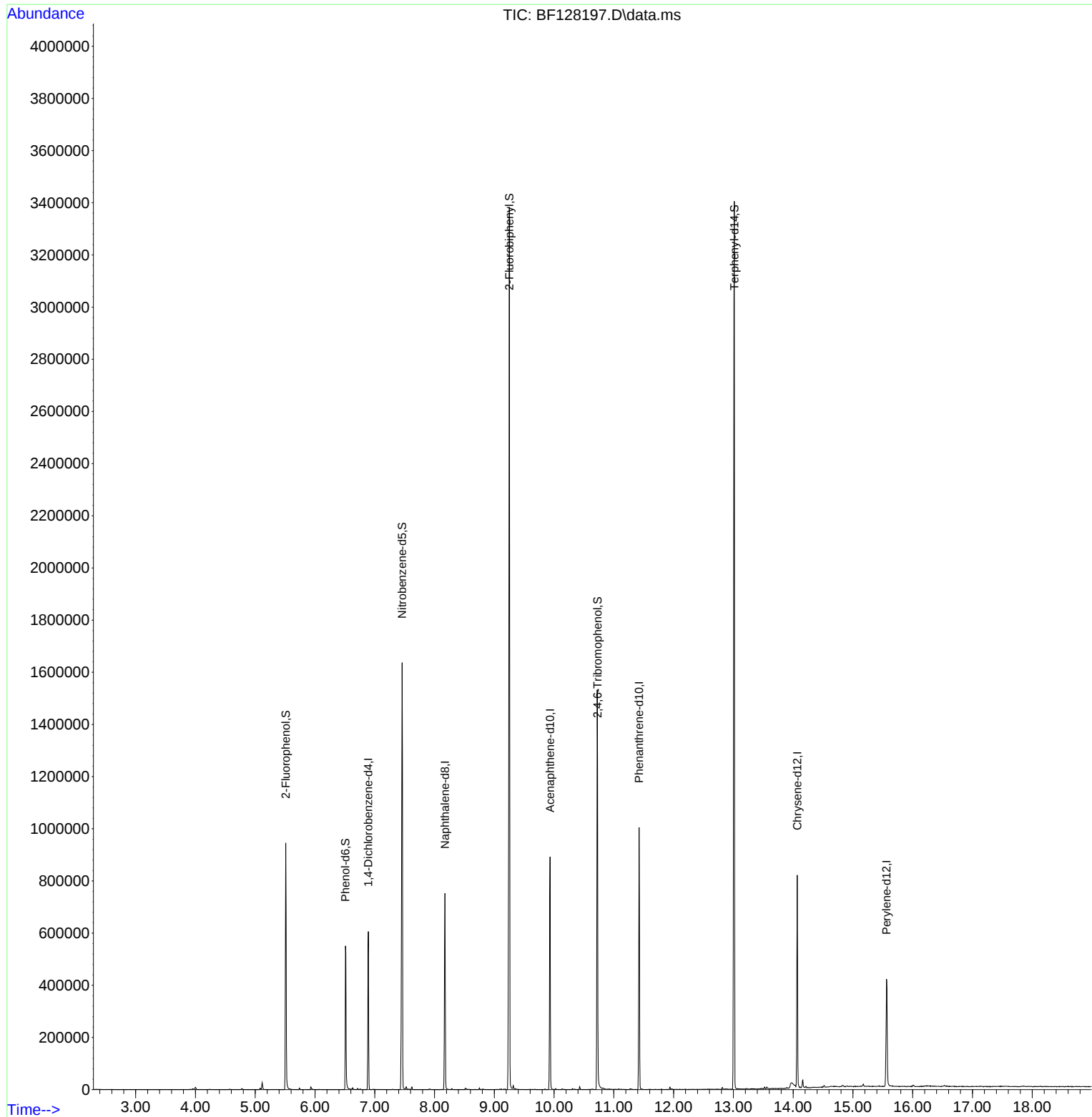
Target Compounds	Qvalue

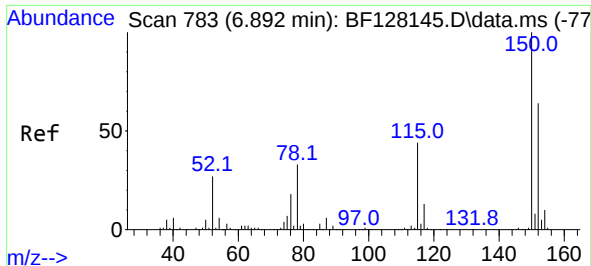
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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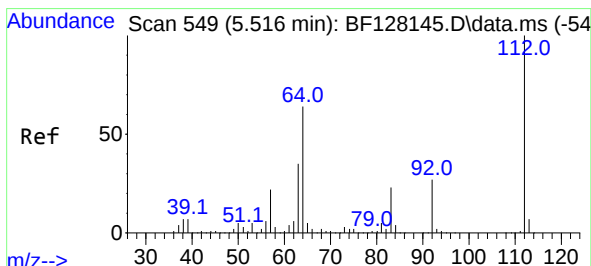
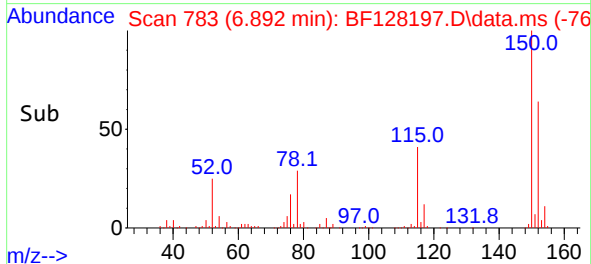
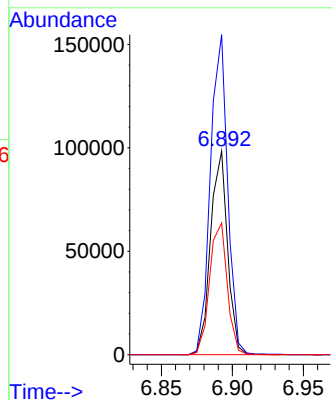
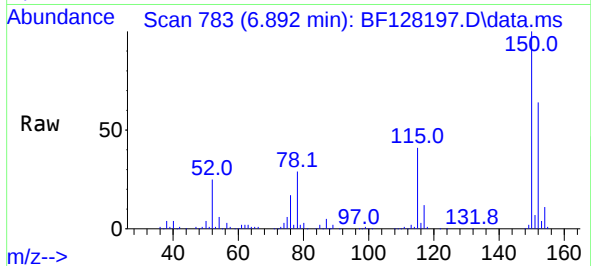




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

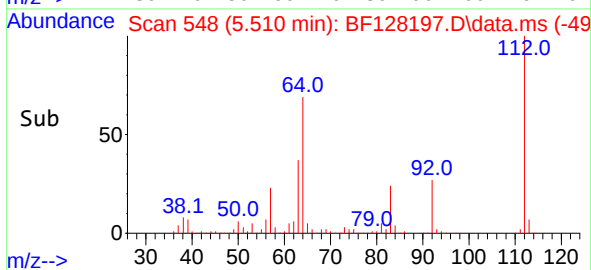
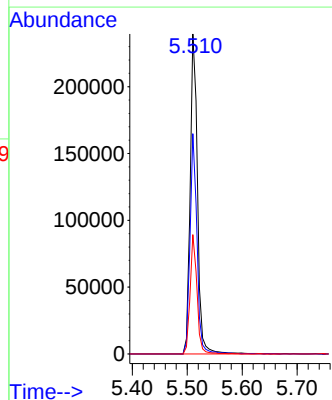
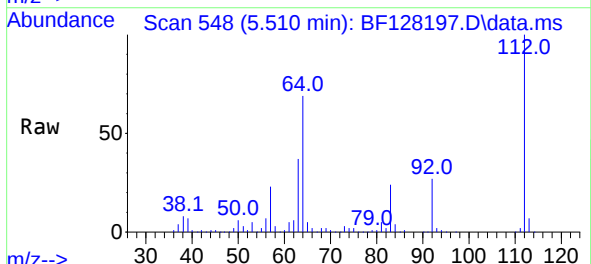
Instrument :
BNA_F
ClientSampleId :
TWP05

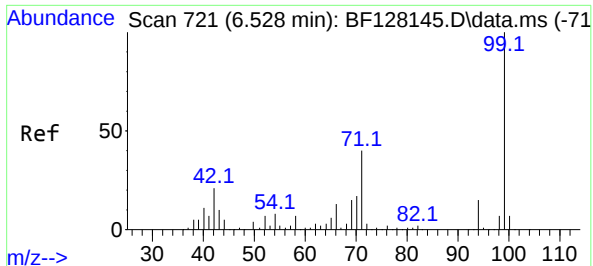
Tgt Ion:152 Resp: 81804
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 64.7 48.8 73.2



#5
2-Fluorophenol
Concen: 43.140 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:112 Resp: 221378
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.3 26.3 39.5

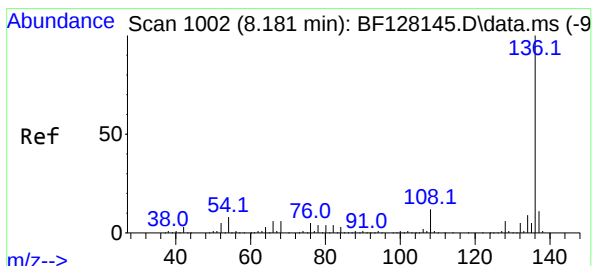
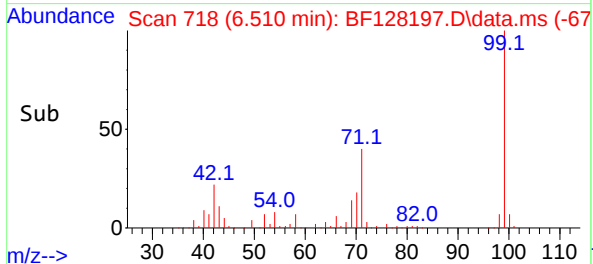
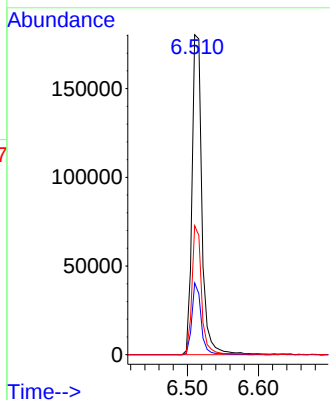
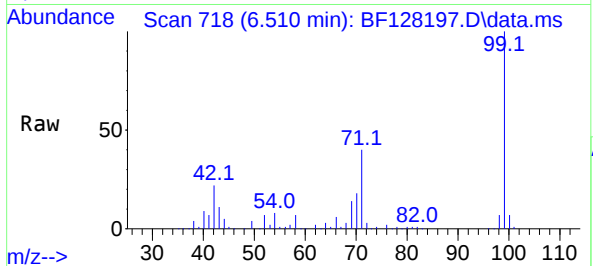




#7
Phenol-d6
Concen: 25.963 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

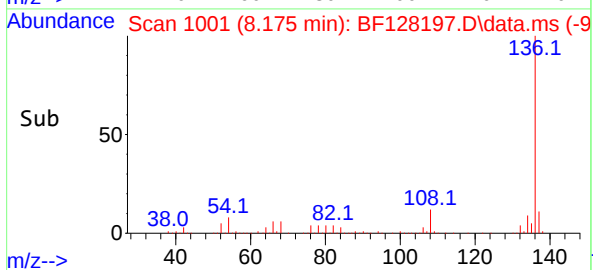
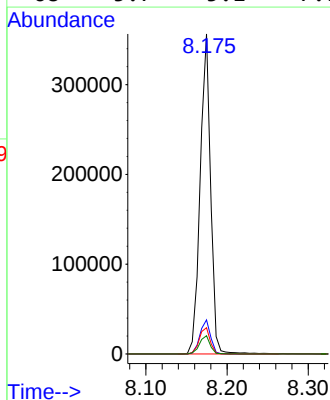
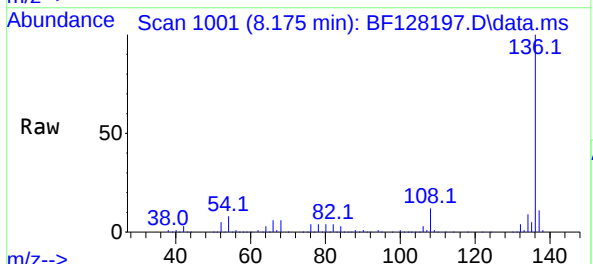
Instrument :
BNA_F
ClientSampleId :
TWP05

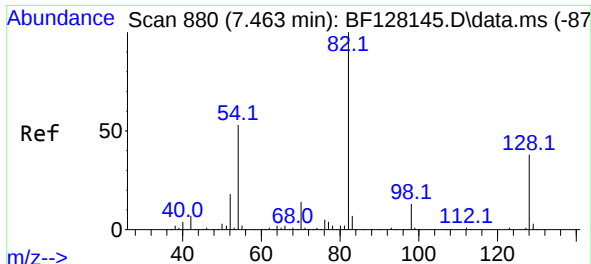
Tgt Ion: 99 Resp: 176219
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion: 136 Resp: 318876
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.8 10.2
68 5.7 5.1 7.7

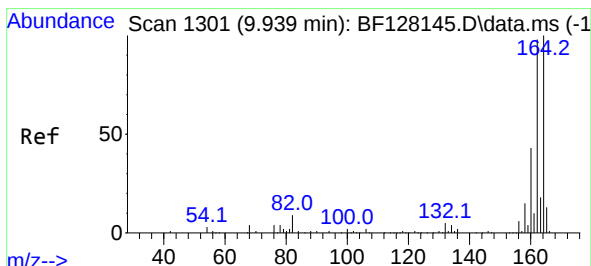
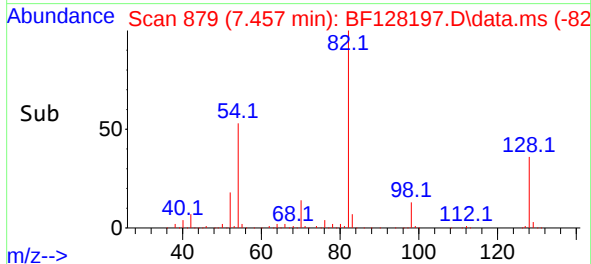
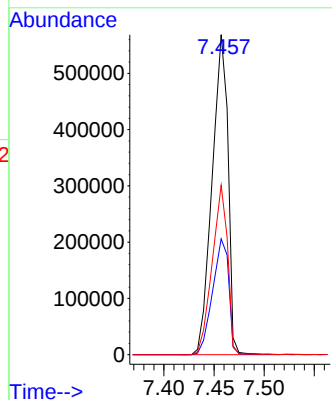
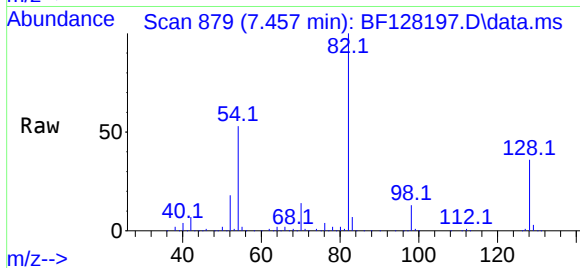




#23
Nitrobenzene-d5
Concen: 88.602 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

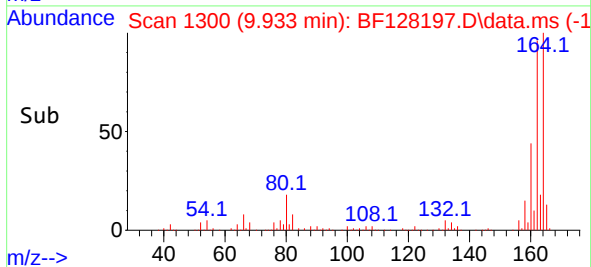
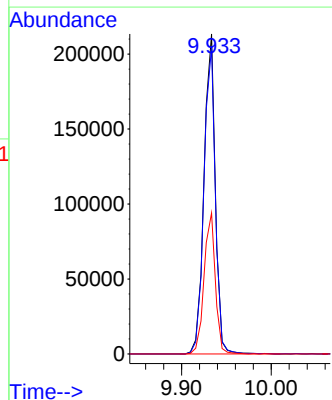
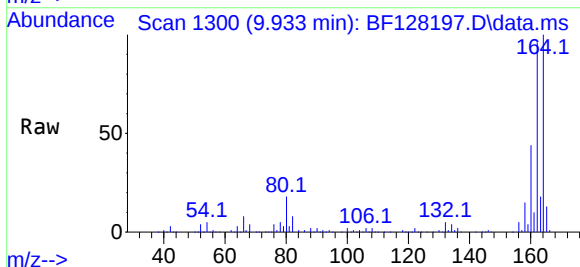
Instrument :
BNA_F
ClientSampleId :
TWP05

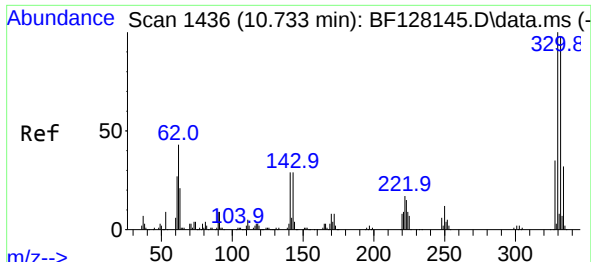
Tgt Ion: 82 Resp: 627896
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:164 Resp: 186536
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 88.748 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

Instrument :

BNA_F

ClientSampleId :

TWP05

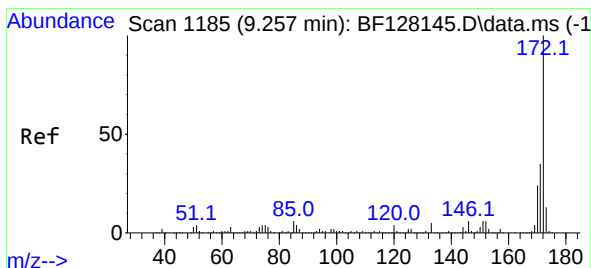
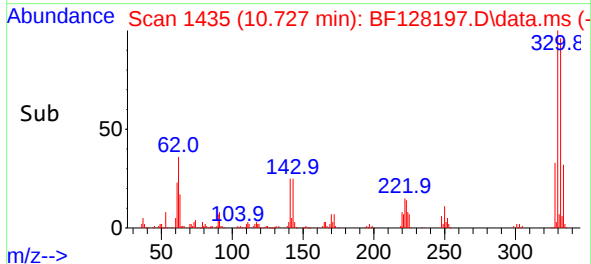
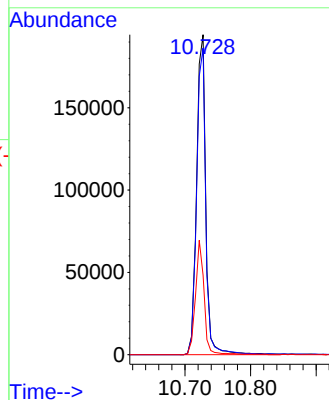
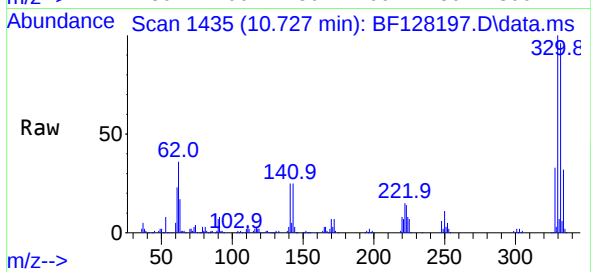
Tgt Ion:330 Resp: 189863

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.893 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128197.D

Acq: 11 May 2022 16:23

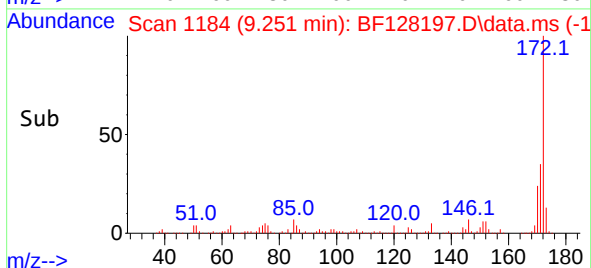
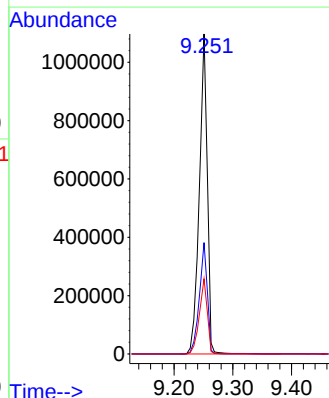
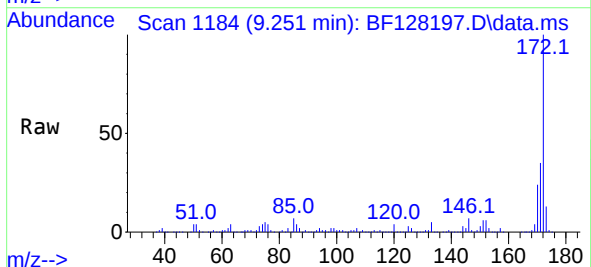
Tgt Ion:172 Resp: 1035899

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7

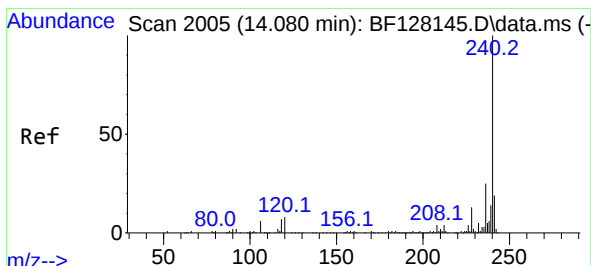
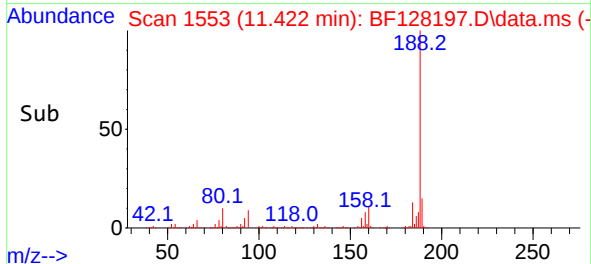
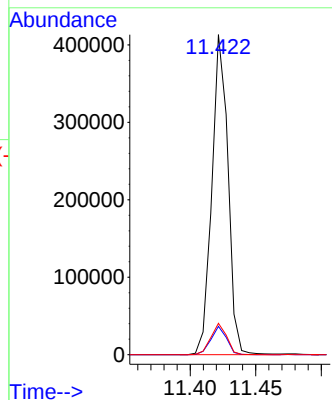
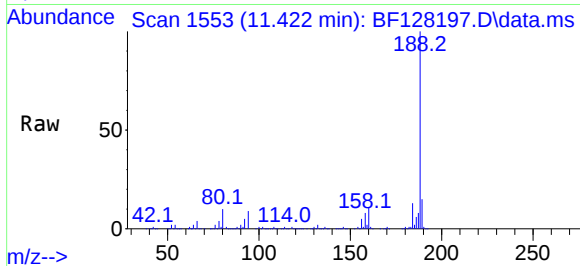




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128197.D
Acq: 11 May 2022 16:23

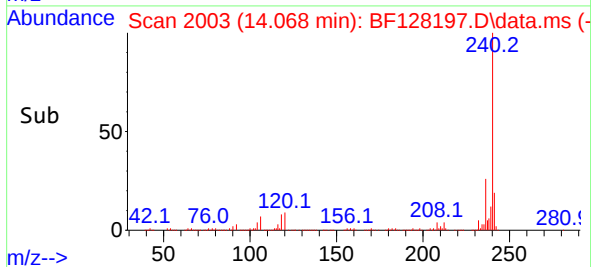
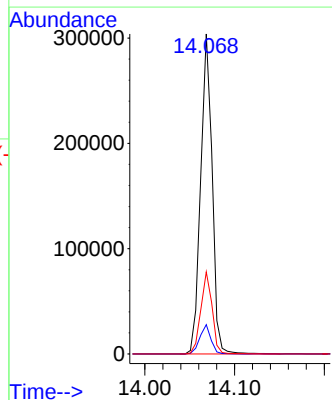
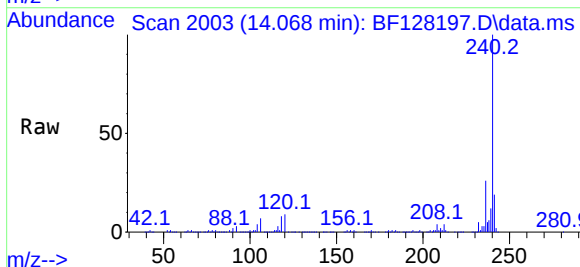
Instrument :
BNA_F
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TWP05

Tgt Ion:188 Resp: 353425
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 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: BF128197.D
Acq: 11 May 2022 16:23

Tgt Ion:240 Resp: 270373
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.7 20.3 30.5

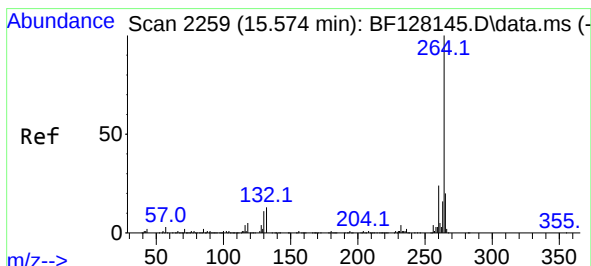
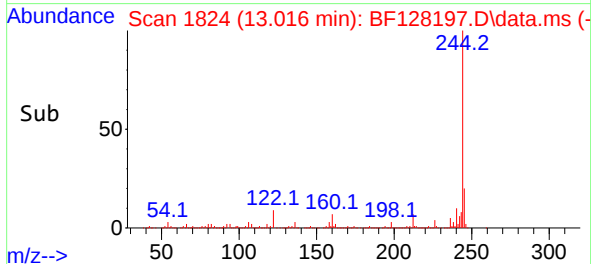
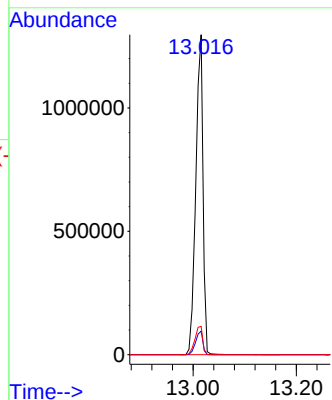
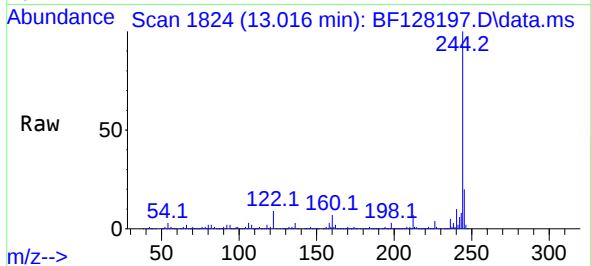




#79
 Terphenyl-d14
 Concen: 86.712 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128197.D
 Acq: 11 May 2022 16:23

Instrument :
 BNA_F
 ClientSampleId :
 TWP05

Tgt Ion:244 Resp: 1249434
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.8 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: BF128197.D
 Acq: 11 May 2022 16:23

Tgt Ion:264 Resp: 200503
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.5 17.5 26.3

