

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128163.D
 Acq On : 10 May 2022 16:40
 Operator : CG\JU
 Sample : N2745-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-31D

Quant Time: May 11 04:00:31 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	77591	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	298095	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	168983	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	307906	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179642	20.000	ng	-0.01
86) Perylene-d12	15.562	264	172872	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	639793	131.448	ng	0.01
7) Phenol-d6	6.522	99	768792	119.420	ng	0.00
23) Nitrobenzene-d5	7.457	82	670674	101.236	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	286710	147.939	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1092685	101.177	ng	0.00
79) Terphenyl-d14	13.016	244	1245868	130.135	ng	0.00

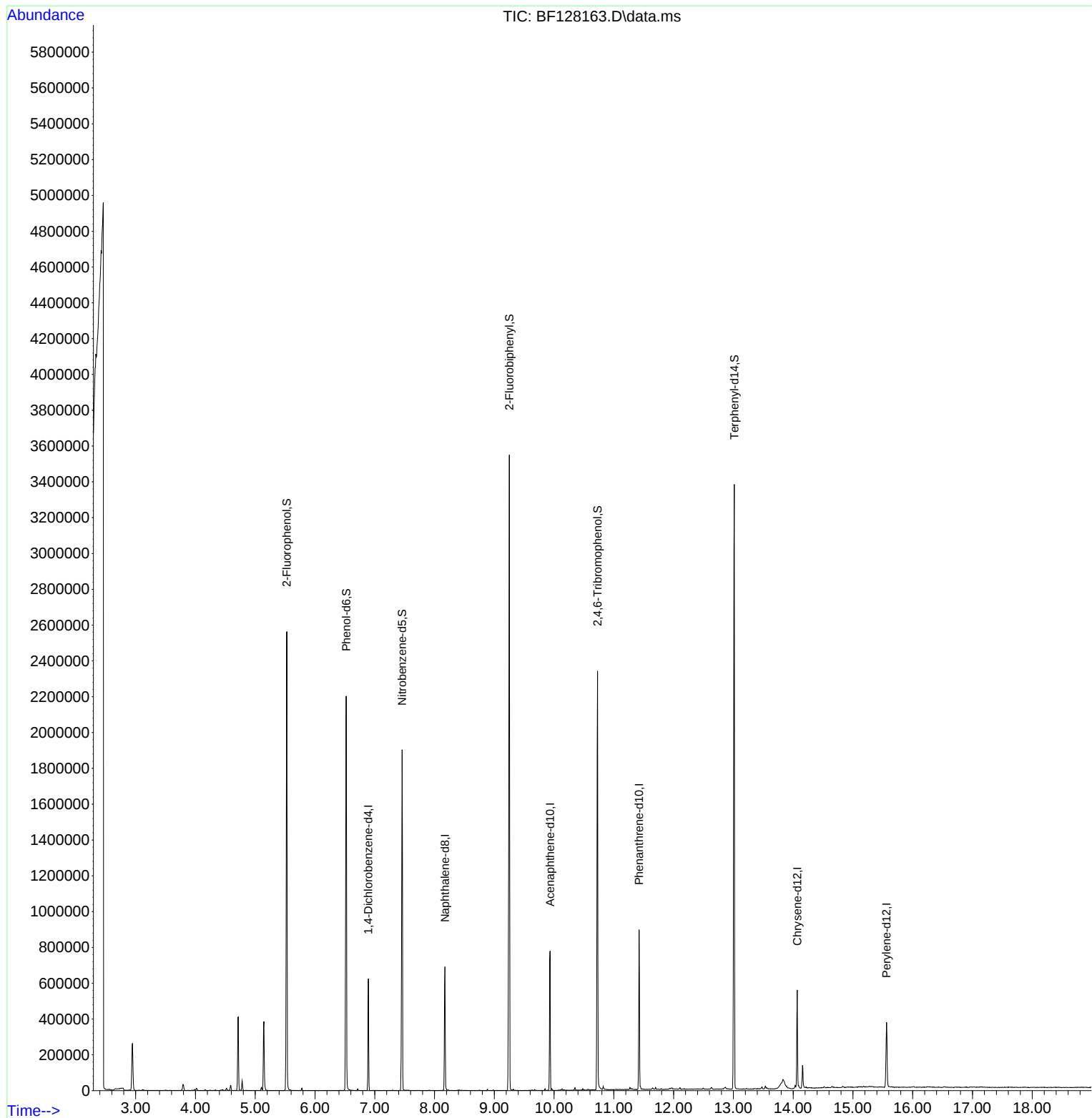
Target Compounds	Qvalue

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

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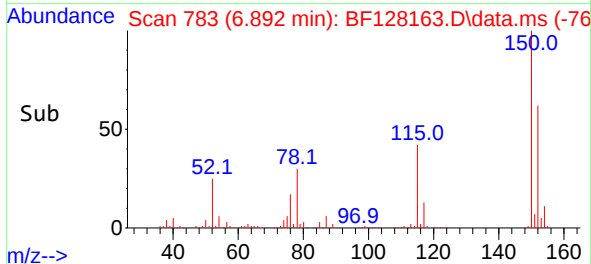
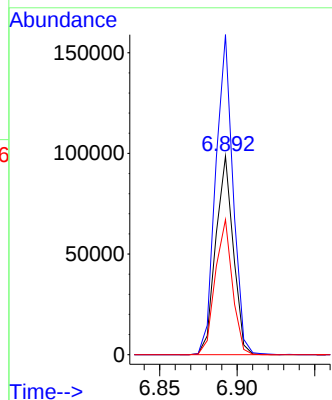
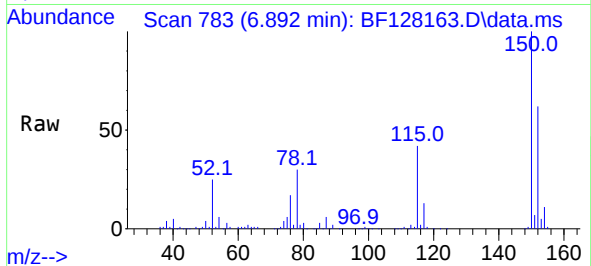




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

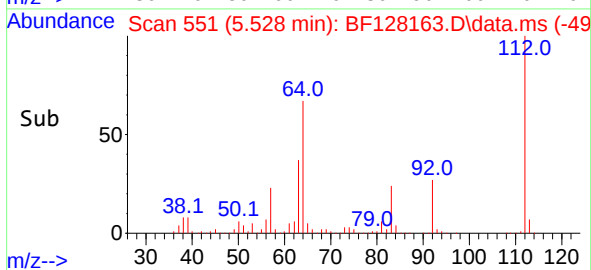
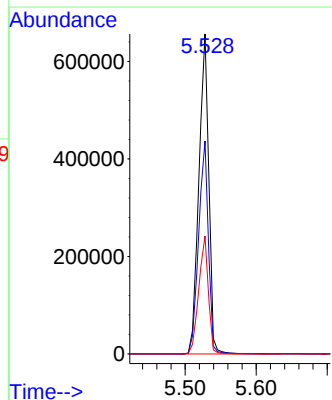
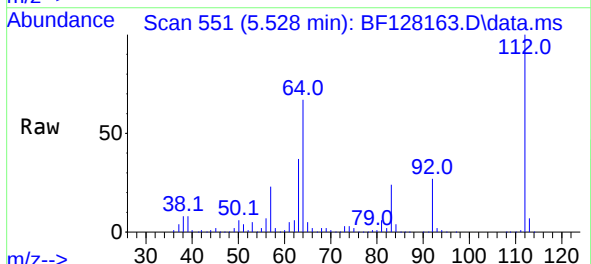
Instrument :
BNA_F
ClientSampleId :
MH-31D

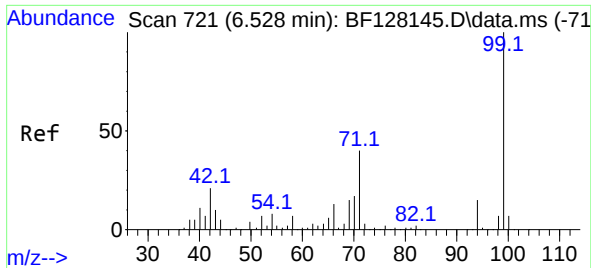
Tgt Ion:152 Resp: 77591
Ion Ratio Lower Upper
152 100
150 161.2 125.3 187.9
115 68.0 48.8 73.2



#5
2-Fluorophenol
Concen: 131.448 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

Tgt Ion:112 Resp: 639793
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 36.9 26.3 39.5

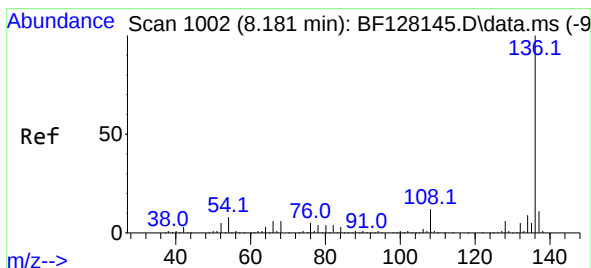
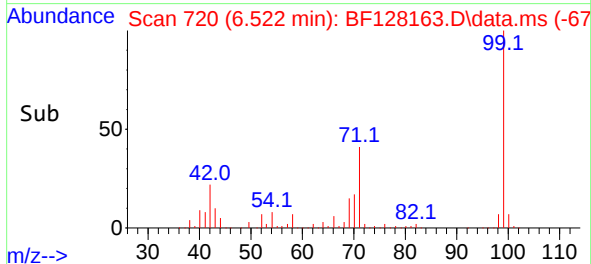
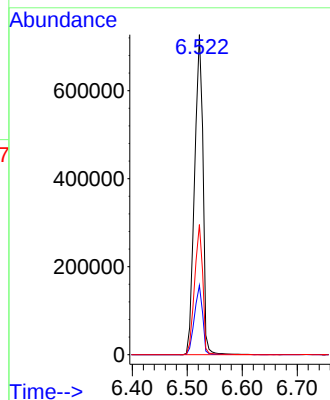
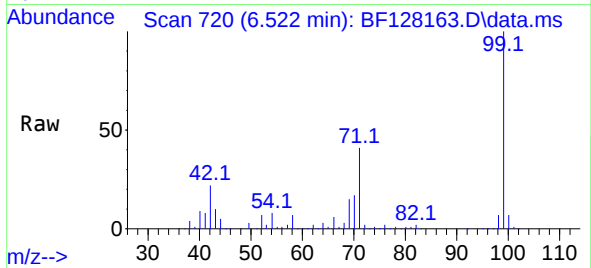




#7
Phenol-d6
Concen: 119.420 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

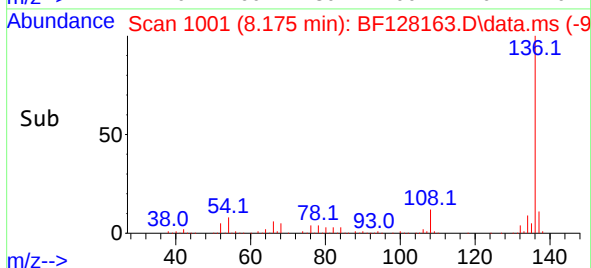
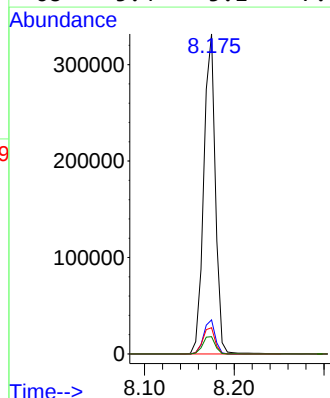
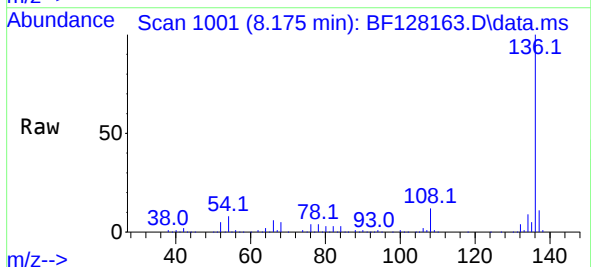
Instrument :
BNA_F
ClientSampleId :
MH-31D

Tgt Ion: 99 Resp: 768792
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.6 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: BF128163.D
Acq: 10 May 2022 16:40

Tgt Ion: 136 Resp: 298095
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.2 6.8 10.2
68 5.4 5.1 7.7

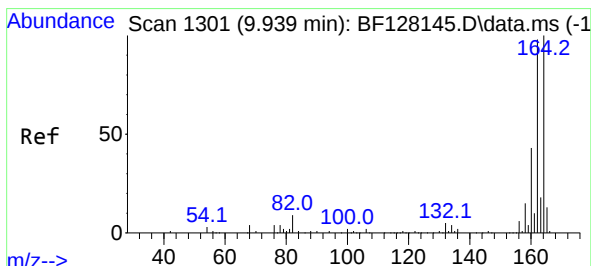
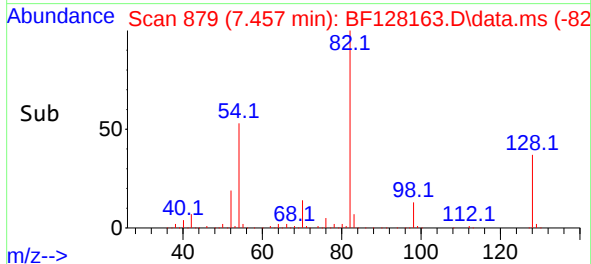
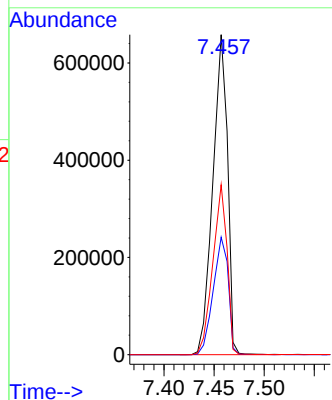
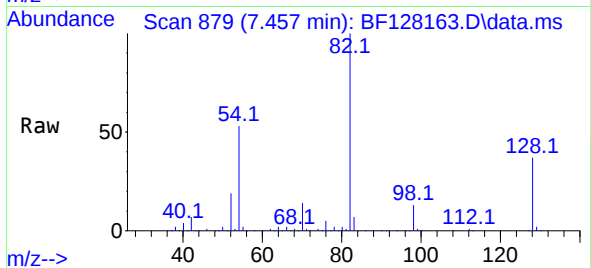




#23
Nitrobenzene-d5
Concen: 101.236 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

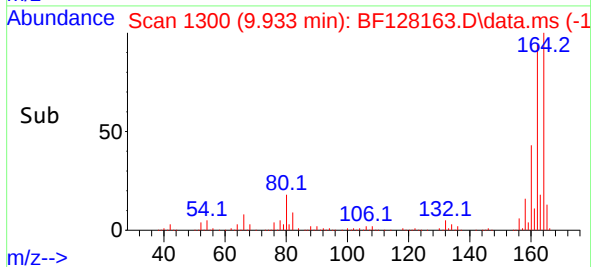
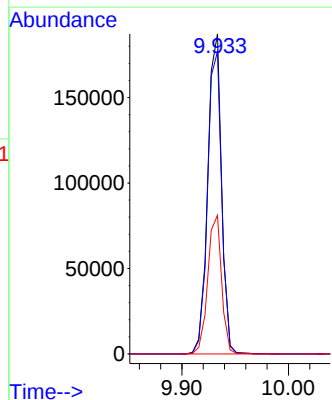
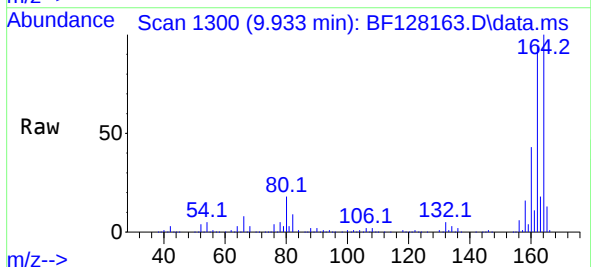
Instrument :
BNA_F
ClientSampleId :
MH-31D

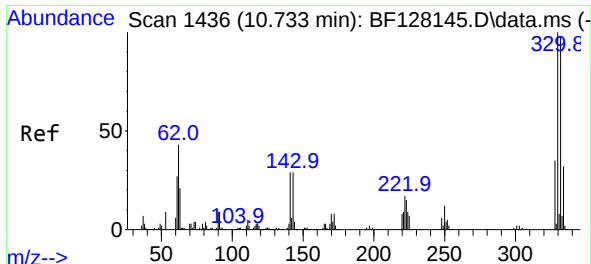
Tgt Ion: 82 Resp: 670674
Ion Ratio Lower Upper
82 100
128 36.7 30.0 45.0
54 53.1 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

Tgt Ion:164 Resp: 168983
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 147.939 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128163.D

Acq: 10 May 2022 16:40

Instrument :

BNA_F

ClientSampleId :

MH-31D

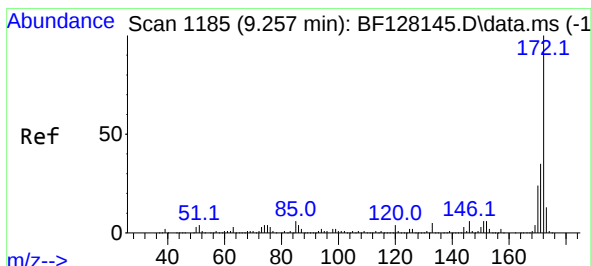
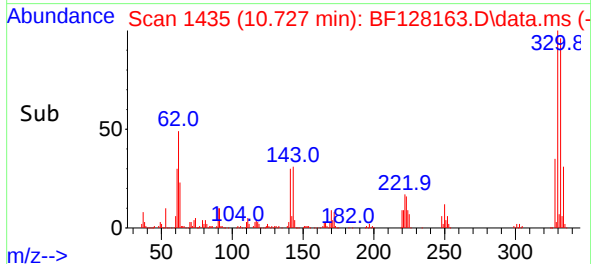
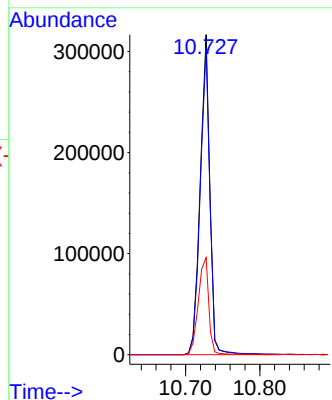
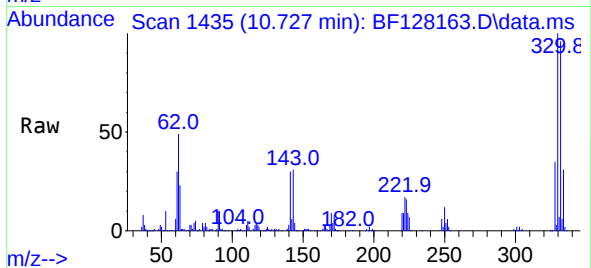
Tgt Ion:330 Resp: 286710

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

141 33.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 101.177 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128163.D

Acq: 10 May 2022 16:40

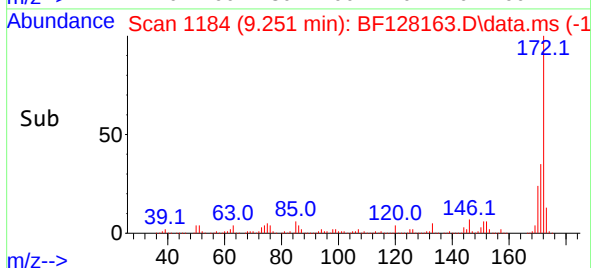
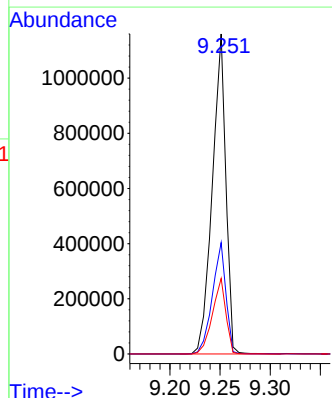
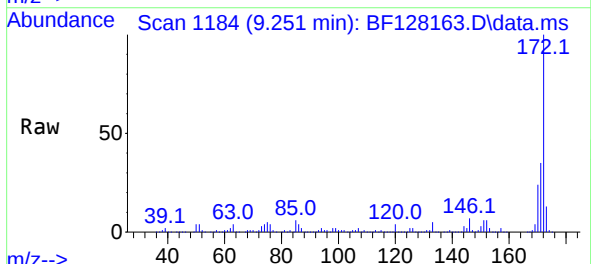
Tgt Ion:172 Resp: 1092685

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.6 19.1 28.7

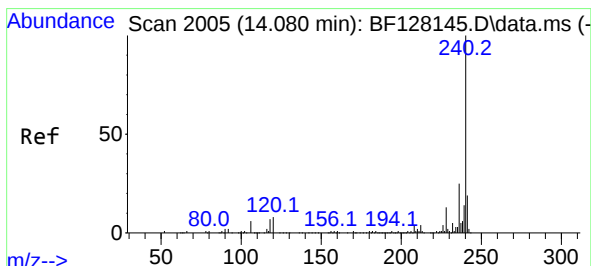
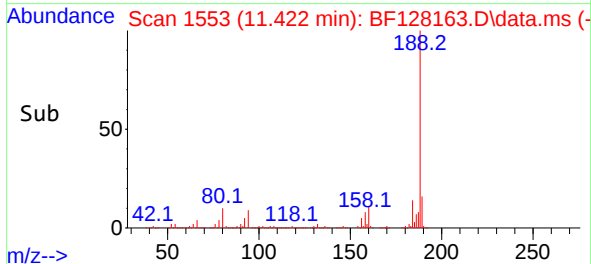
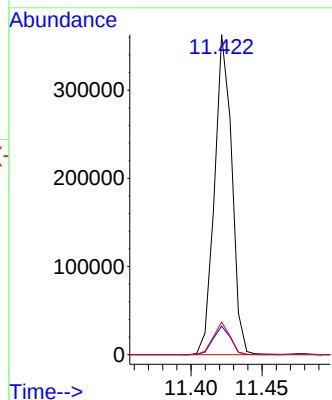
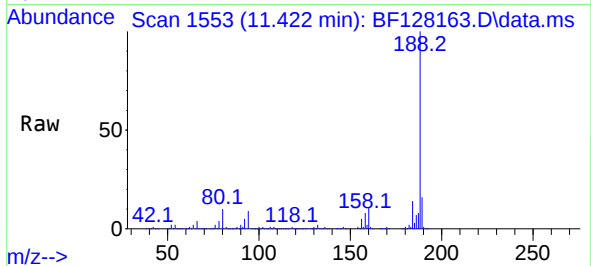




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

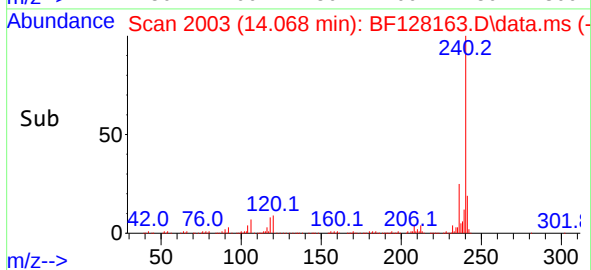
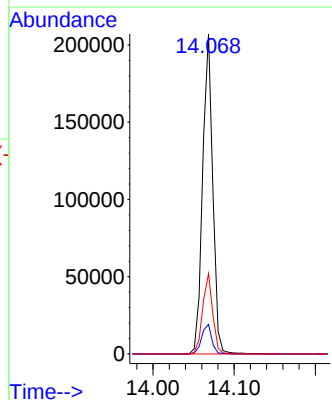
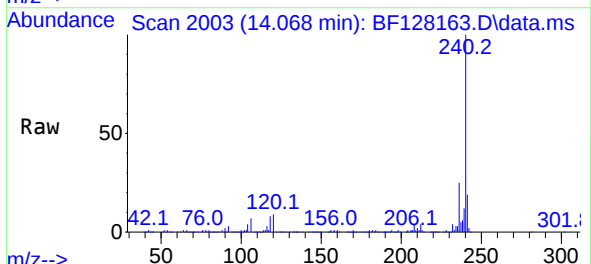
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 307906
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128163.D
Acq: 10 May 2022 16:40

Tgt Ion:240 Resp: 179642
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.1 20.3 30.5

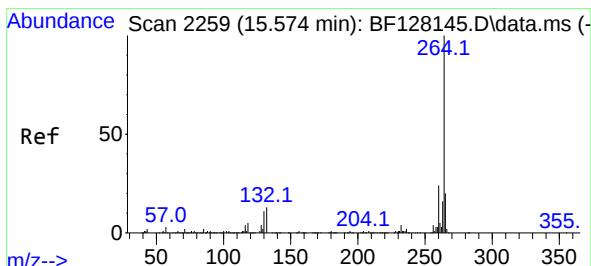
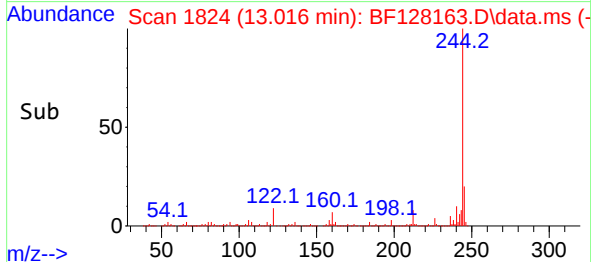
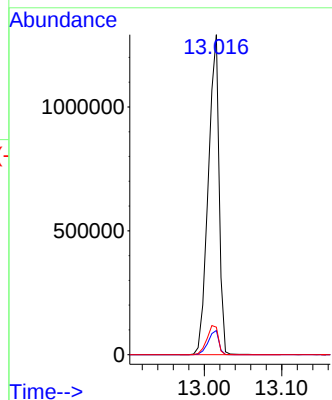
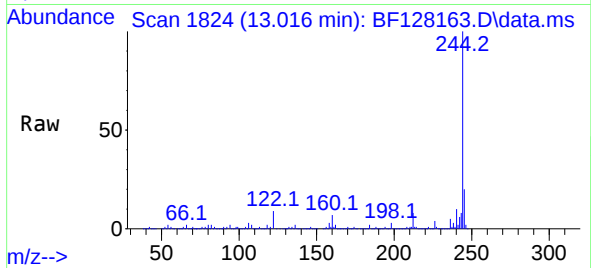




#79
 Terphenyl-d14
 Concen: 130.135 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128163.D
 Acq: 10 May 2022 16:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-31D

Tgt Ion:244 Resp: 1245868
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.6 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: BF128163.D
 Acq: 10 May 2022 16:40

Tgt Ion:264 Resp: 172872
 Ion Ratio Lower Upper
 264 100
 260 21.9 20.1 30.1
 265 20.7 17.5 26.3

