

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128263.D
 Acq On : 16 May 2022 12:40
 Operator : CG\JU
 Sample : N2775-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Quant Time: May 16 16:23:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	79104	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	306193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	176726	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	332812	20.000	ng	0.00
76) Chrysene-d12	14.063	240	239838	20.000	ng	0.00
86) Perylene-d12	15.557	264	185562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	594350	119.776	ng	0.01
7) Phenol-d6	6.522	99	712830	108.609	ng	0.00
23) Nitrobenzene-d5	7.451	82	599483	88.097	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	264581	130.539	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	971307	85.997	ng	0.00
79) Terphenyl-d14	13.004	244	1239461	96.972	ng	0.00

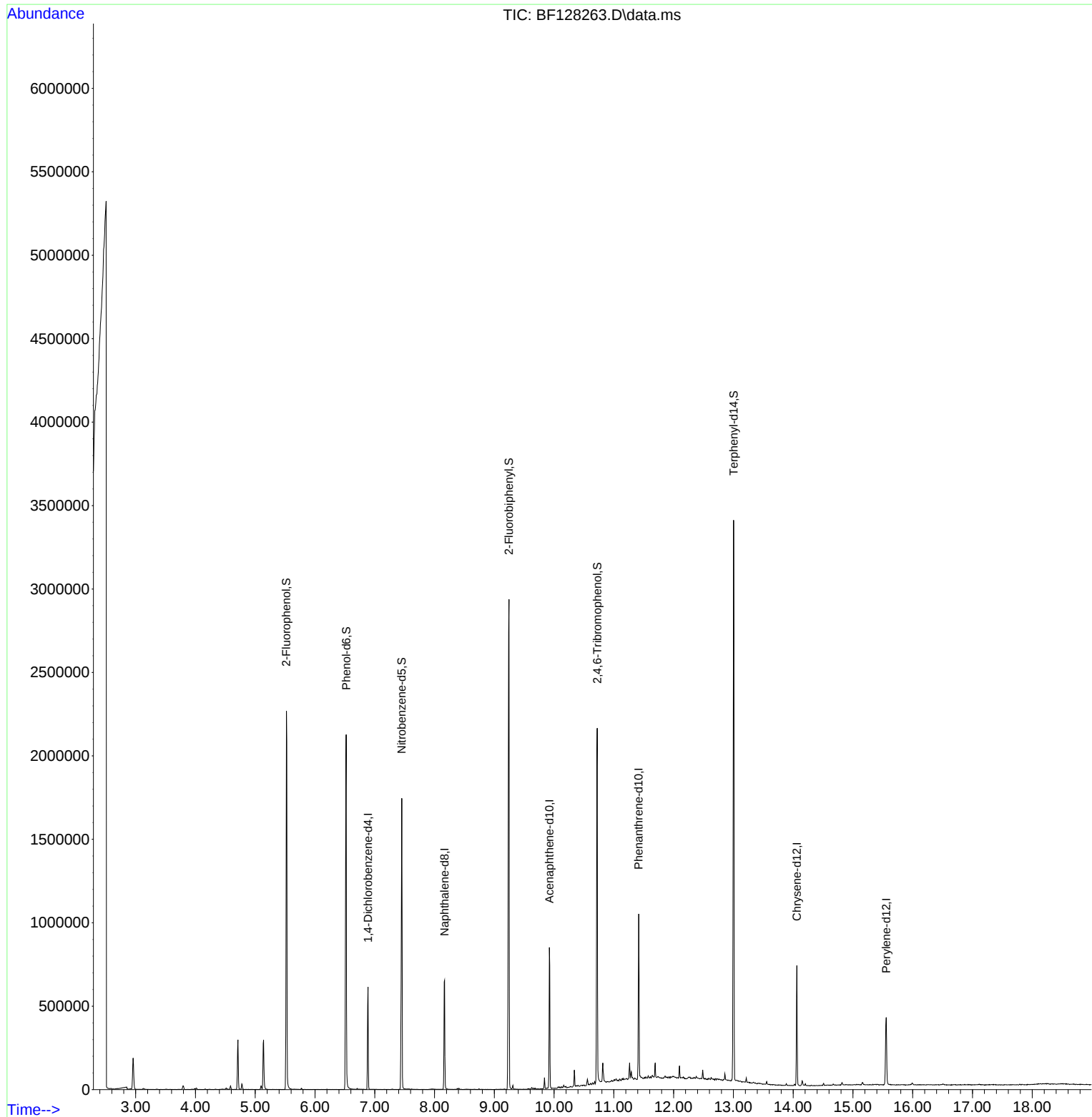
Target Compounds	Qvalue

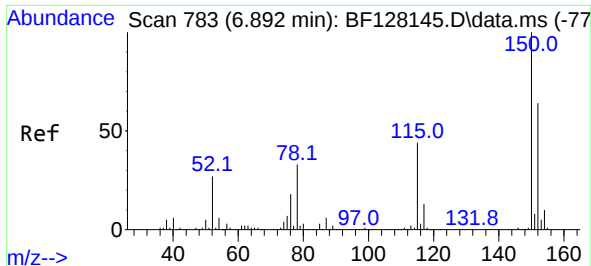
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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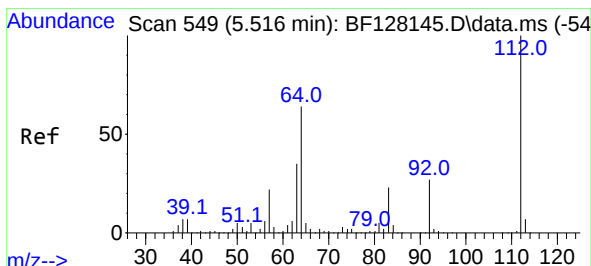
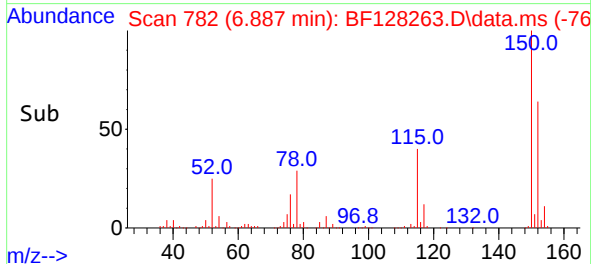
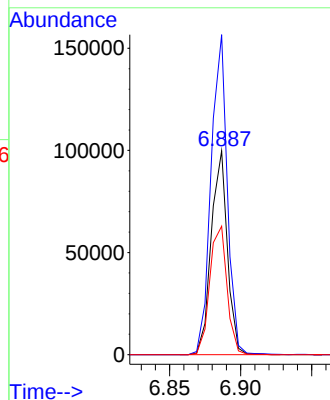
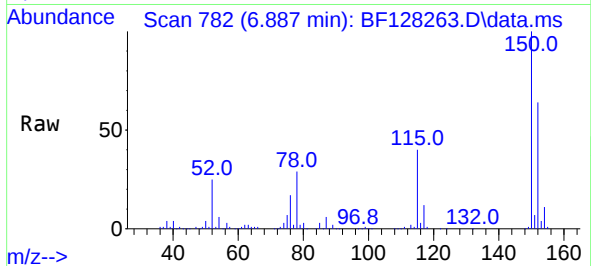




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

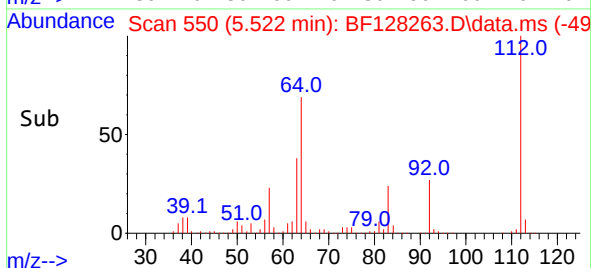
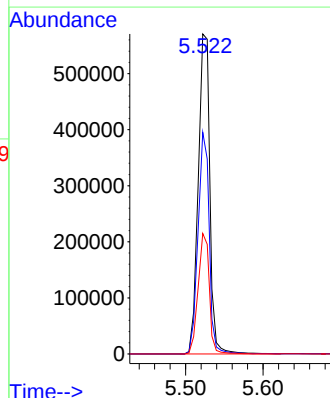
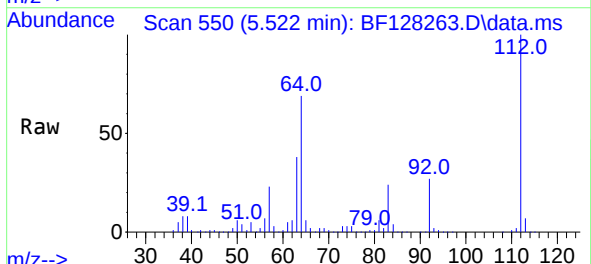
Instrument :
BNA_F
ClientSampleId :
MH-35D

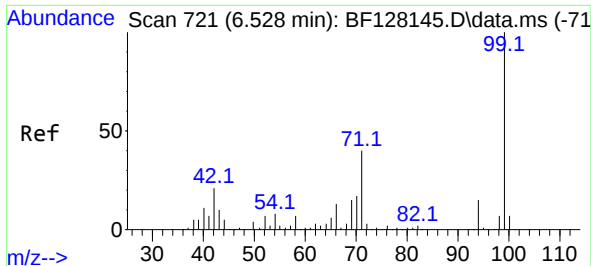
Tgt Ion:152 Resp: 79104
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 119.776 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:112 Resp: 594350
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 37.6 26.3 39.5

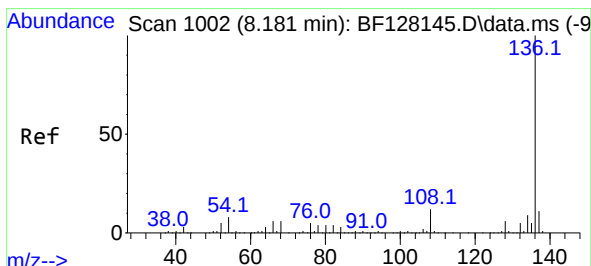
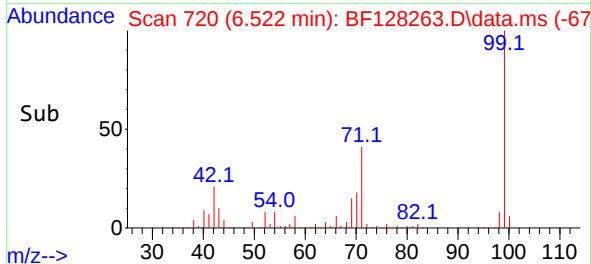
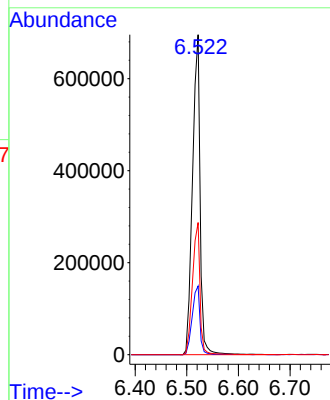
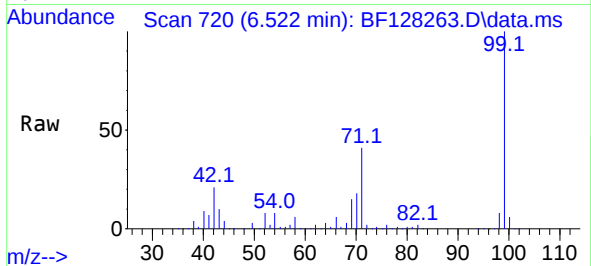




#7
Phenol-d6
Concen: 108.609 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

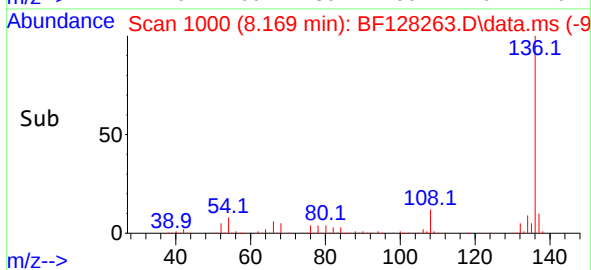
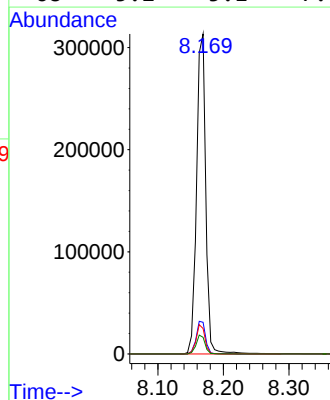
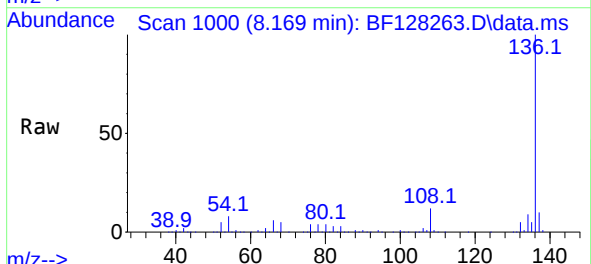
Instrument :
BNA_F
ClientSampleId :
MH-35D

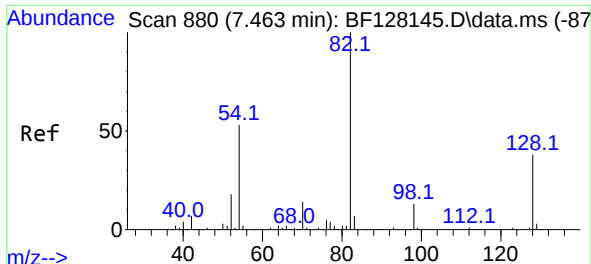
Tgt Ion: 99 Resp: 712830
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 41.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion: 136 Resp: 306193
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 8.0 6.8 10.2
68 5.2 5.1 7.7

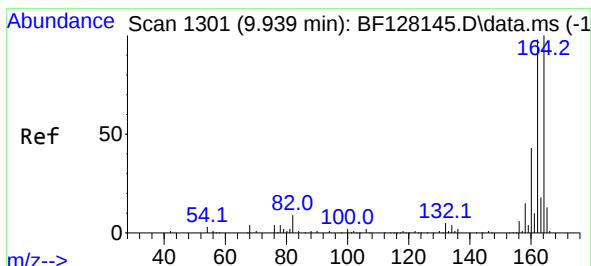
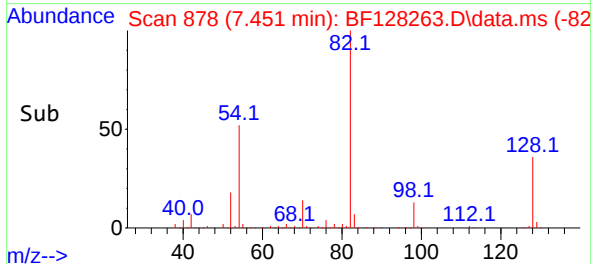
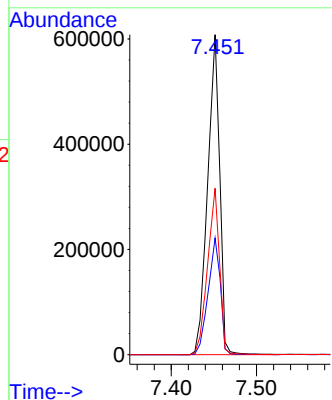
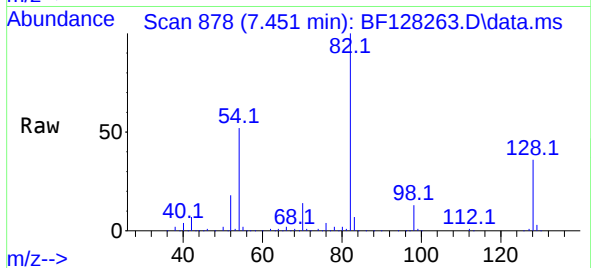




#23
Nitrobenzene-d5
Concen: 88.097 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

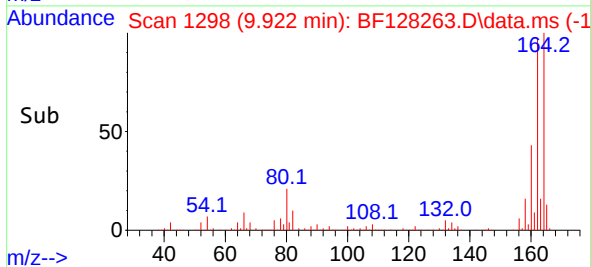
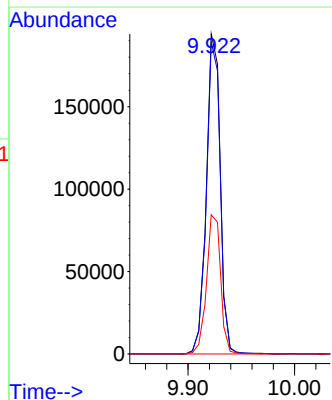
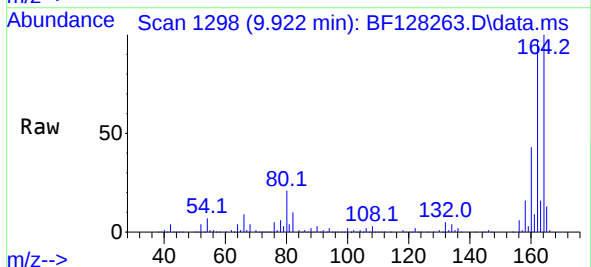
Instrument :
BNA_F
ClientSampleId :
MH-35D

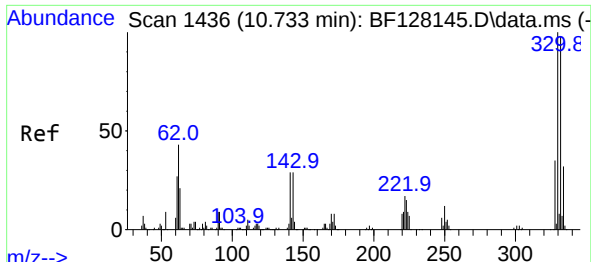
Tgt Ion: 82 Resp: 599483
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 52.0 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:164 Resp: 176726
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 130.539 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF128263.D

Acq: 16 May 2022 12:40

Instrument :

BNA_F

ClientSampleId :

MH-35D

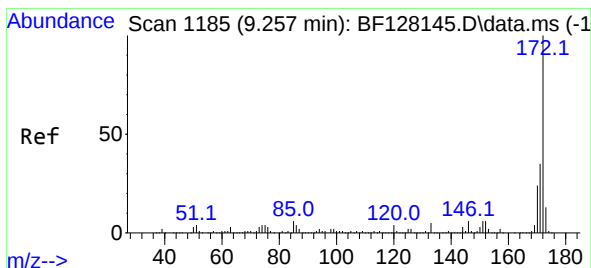
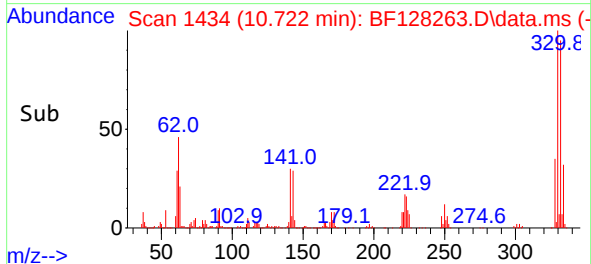
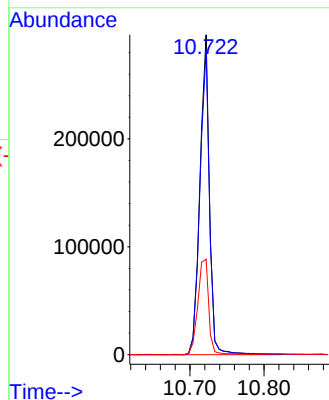
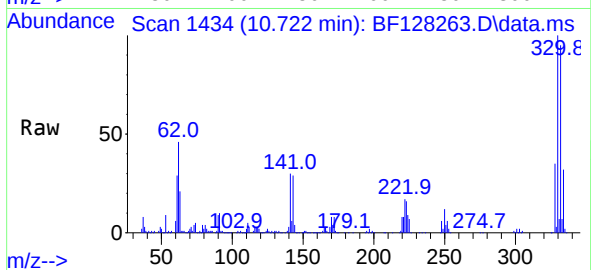
Tgt Ion:330 Resp: 264581

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.997 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128263.D

Acq: 16 May 2022 12:40

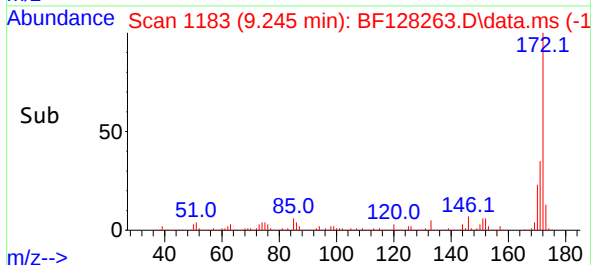
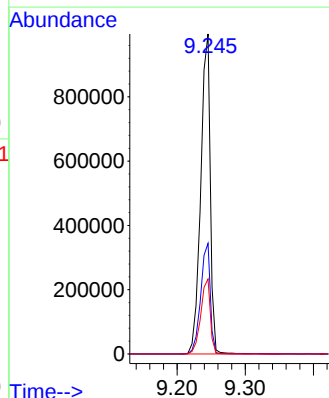
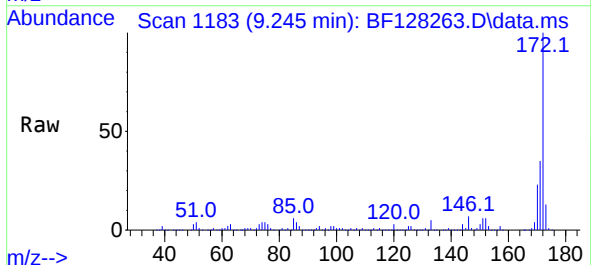
Tgt Ion:172 Resp: 971307

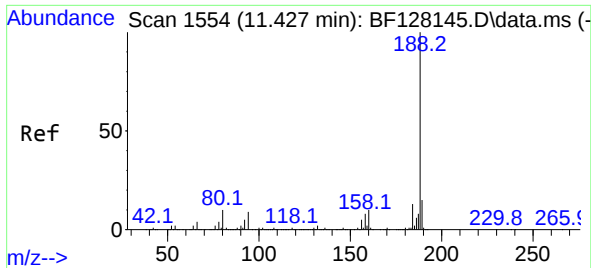
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.5 19.1 28.7

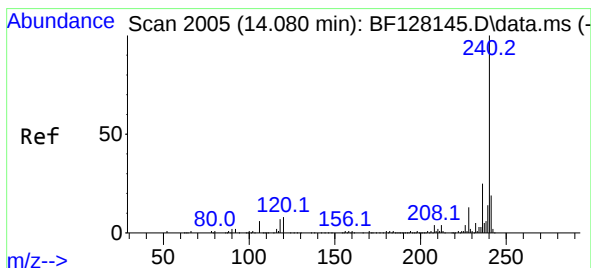
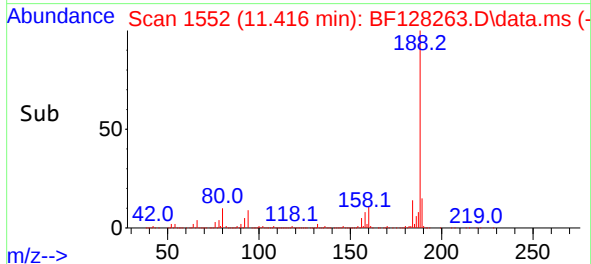
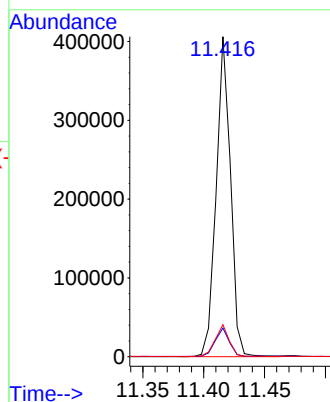
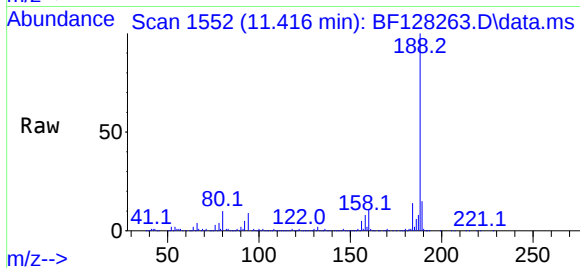




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

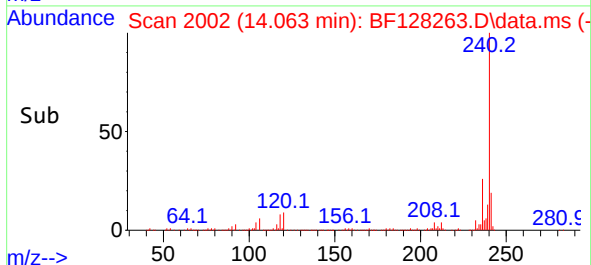
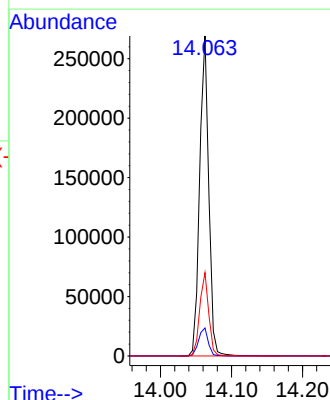
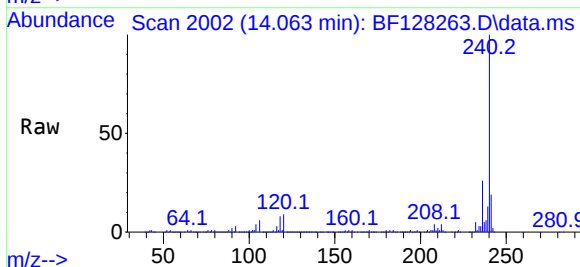
Instrument :
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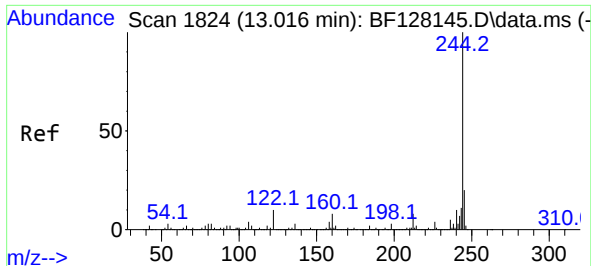
Tgt Ion:188 Resp: 332812
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:240 Resp: 239838
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.1 20.3 30.5

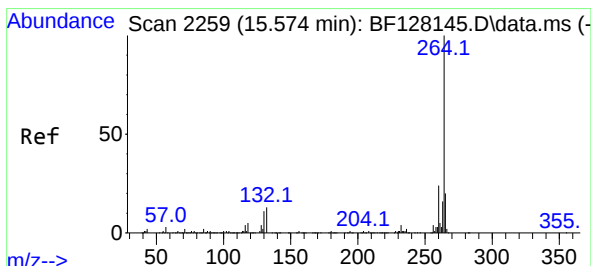
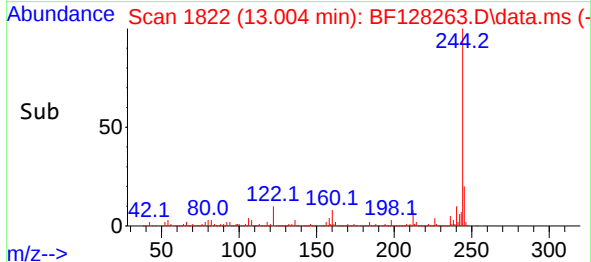
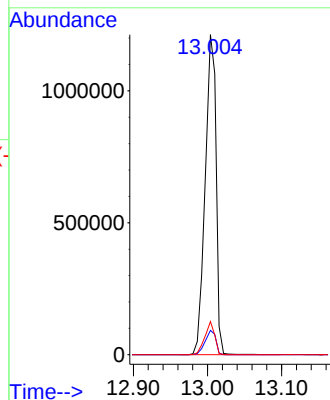
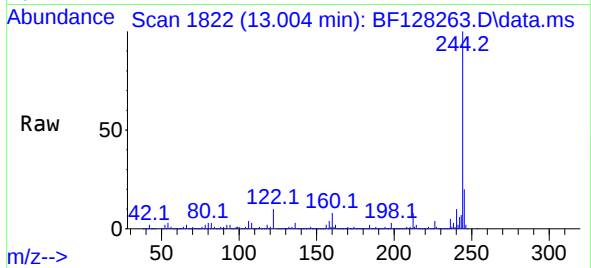




#79
 Terphenyl-d14
 Concen: 96.972 ng
 RT: 13.004 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Tgt Ion:244 Resp: 1239461
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

Tgt Ion:264 Resp: 185562
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 22.1 17.5 26.3

