

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128265.D
 Acq On : 16 May 2022 13:40
 Operator : CG\JU
 Sample : N2833-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Quant Time: May 16 15:32:00 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	6.881	152	78532	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298955	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	175387	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	332912	20.000	ng	0.00
76) Chrysene-d12	14.063	240	221933	20.000	ng	0.00
86) Perylene-d12	15.557	264	184083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	188950	38.355	ng	0.00
7) Phenol-d6	6.510	99	147480	22.634	ng	-0.02
23) Nitrobenzene-d5	7.451	82	587663	88.451	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	174274	86.640	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	951289	84.868	ng	0.00
79) Terphenyl-d14	13.004	244	1141530	96.515	ng	0.00

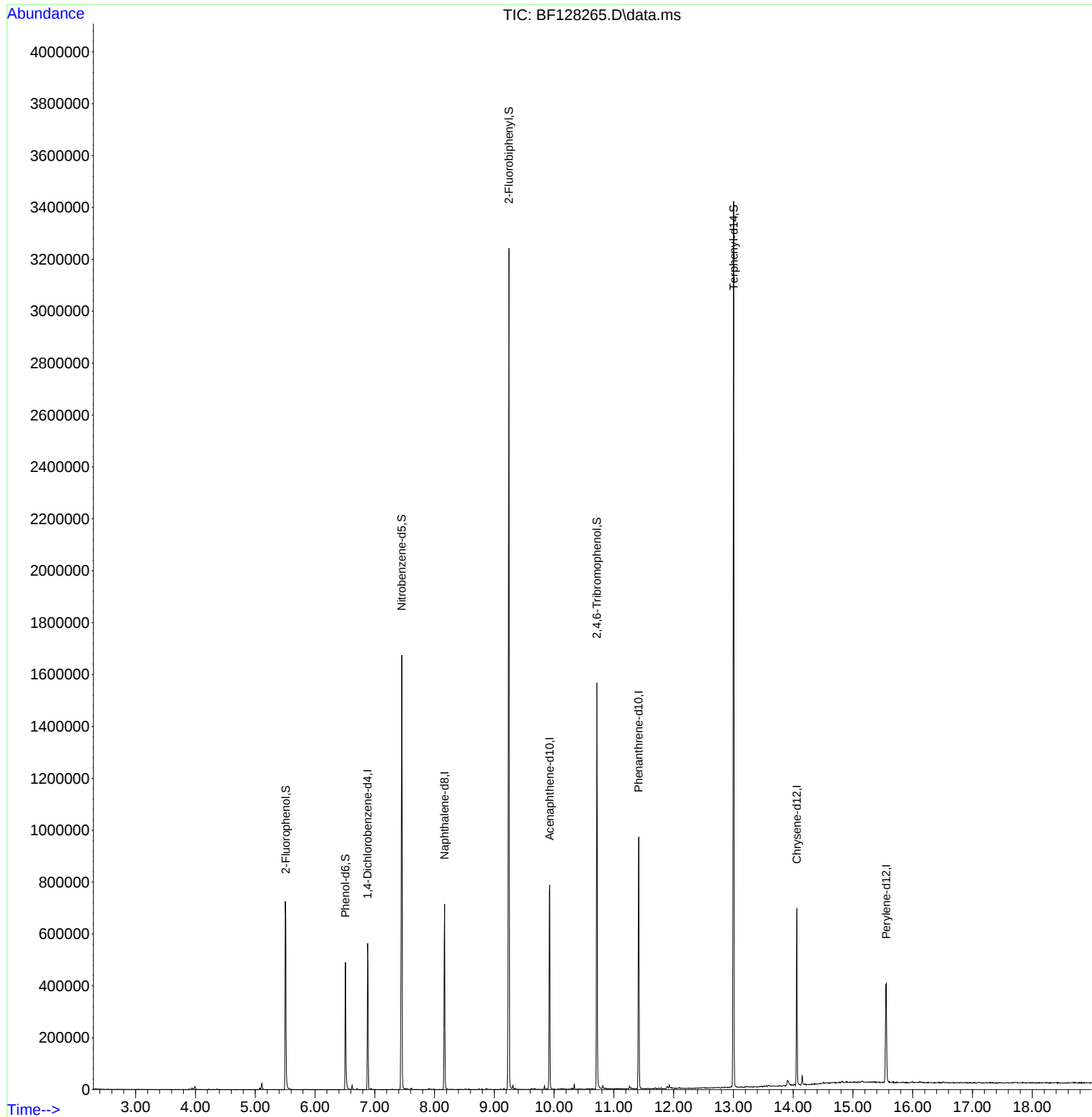
Target Compounds	Qvalue

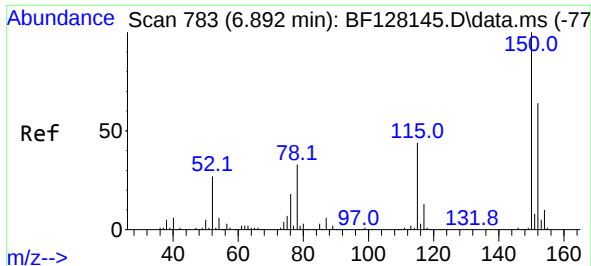
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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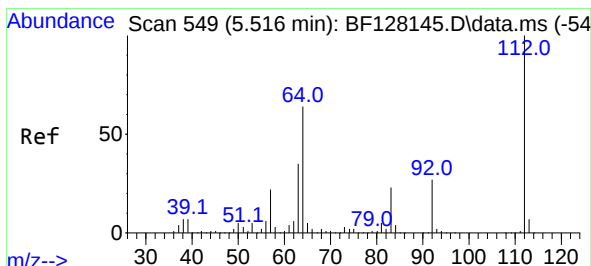
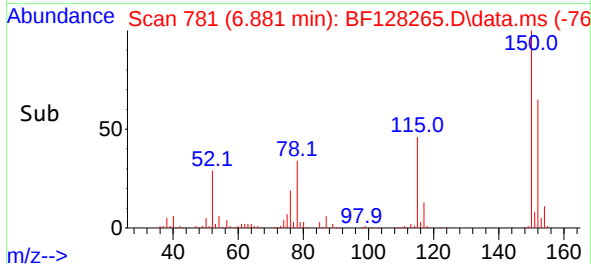
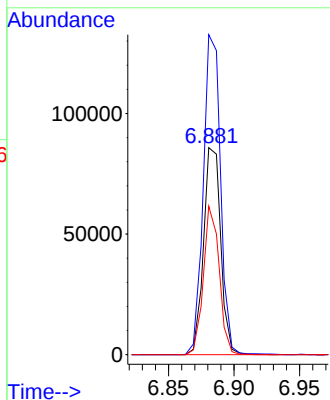
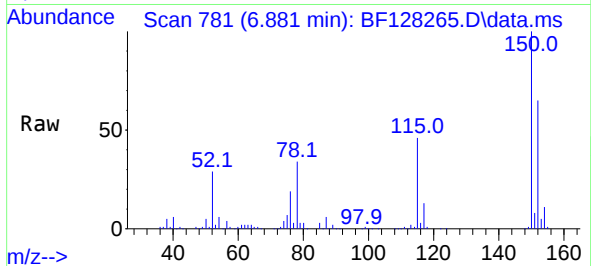




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

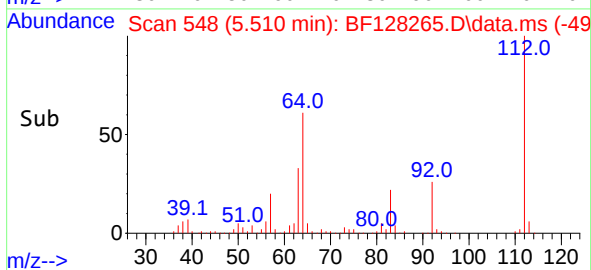
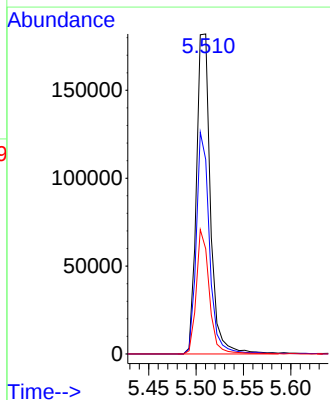
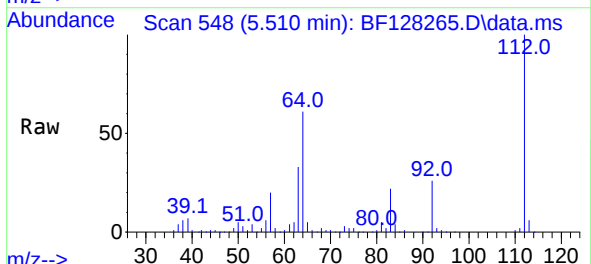
Instrument :
 BNA_F
 ClientSampleId :
 TWP02

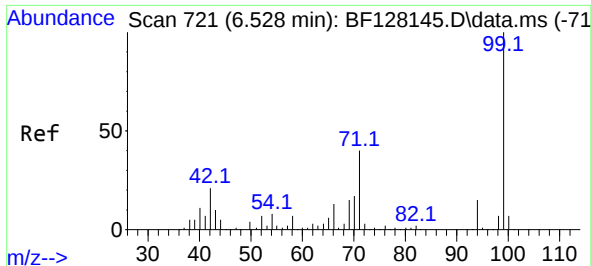
Tgt Ion:152 Resp: 78532
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 71.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 38.355 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

Tgt Ion:112 Resp: 188950
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.5 74.3
 63 32.9 26.3 39.5

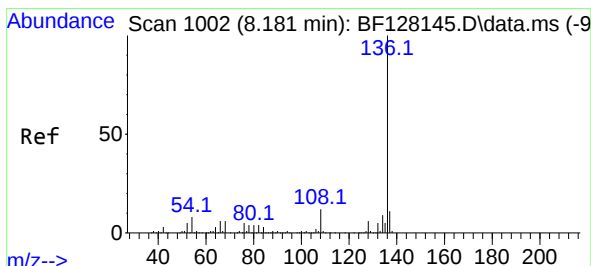
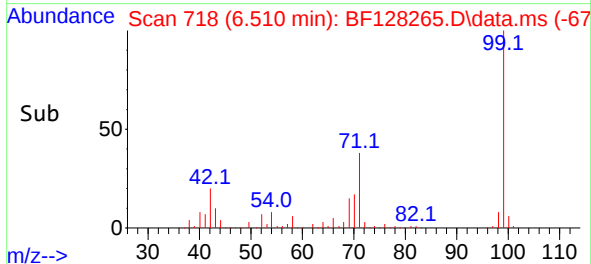
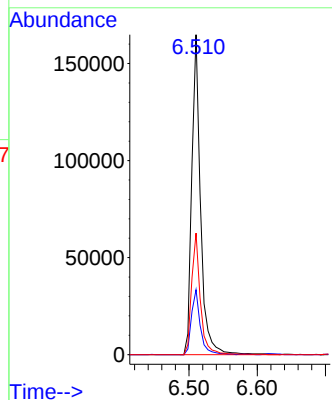
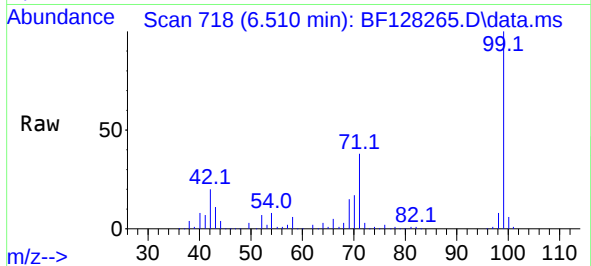




#7
Phenol-d6
Concen: 22.634 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

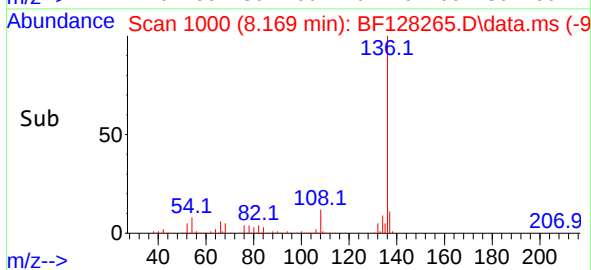
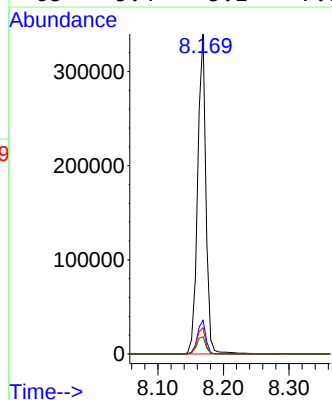
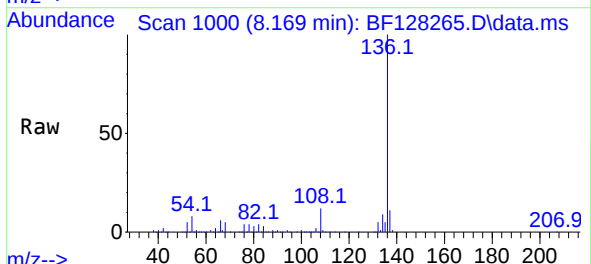
Instrument :
BNA_F
ClientSampleId :
TWP02

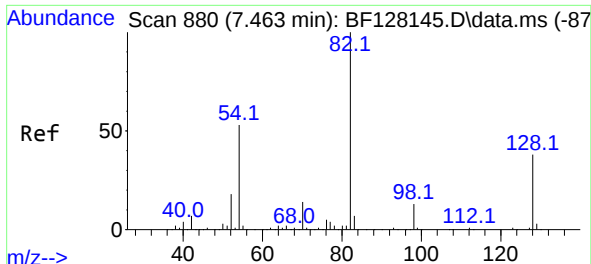
Tgt Ion: 99 Resp: 147480
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion: 136 Resp: 298955
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 6.8 10.2
68 5.4 5.1 7.7

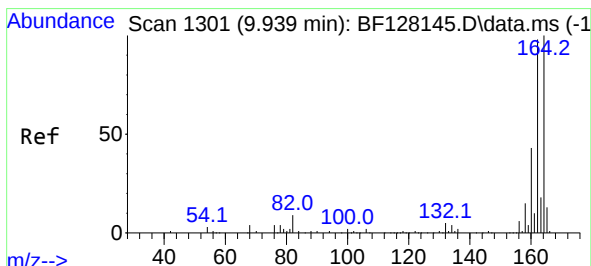
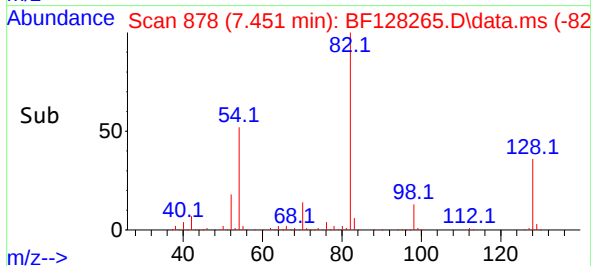
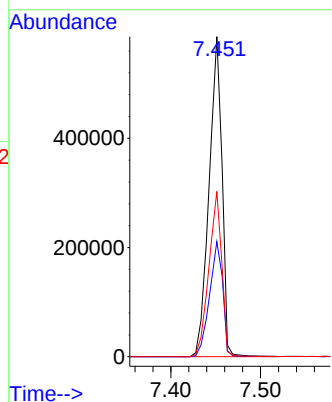
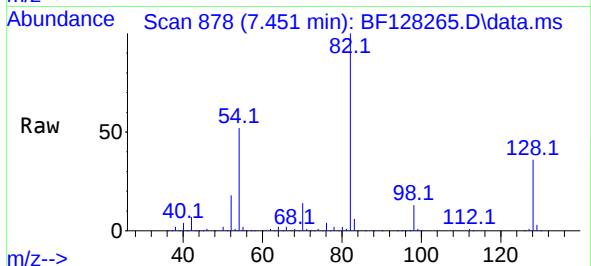




#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

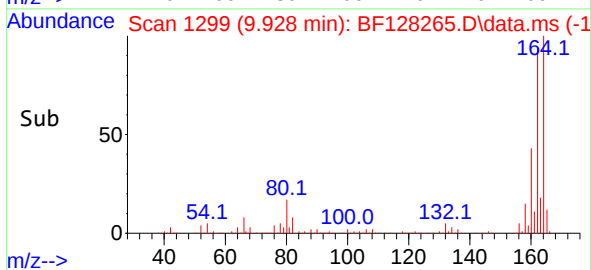
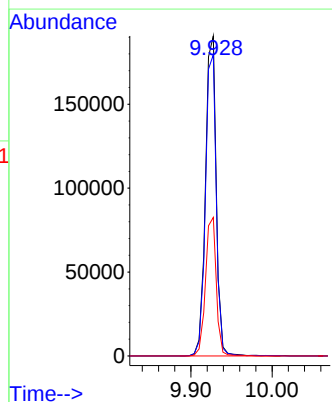
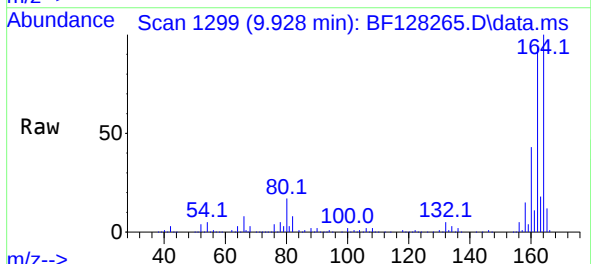
Instrument :
BNA_F
ClientSampleId :
TWP02

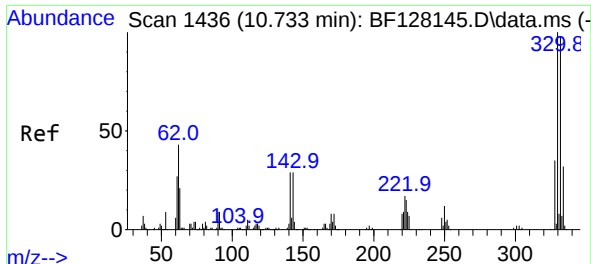
Tgt Ion: 82 Resp: 587663
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 51.6 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:164 Resp: 175387
Ion Ratio Lower Upper
164 100
162 94.1 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.640 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128265.D

Acq: 16 May 2022 13:40

Instrument :

BNA_F

ClientSampleId :

TWP02

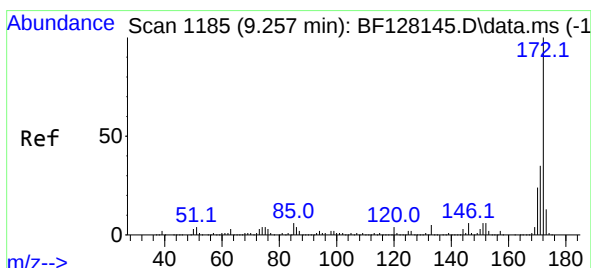
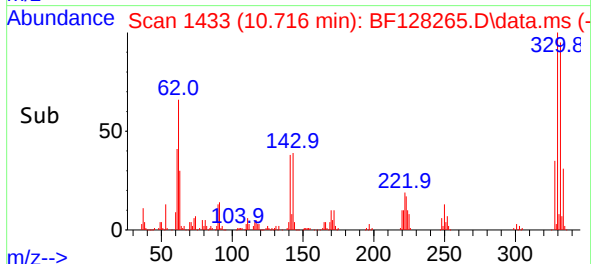
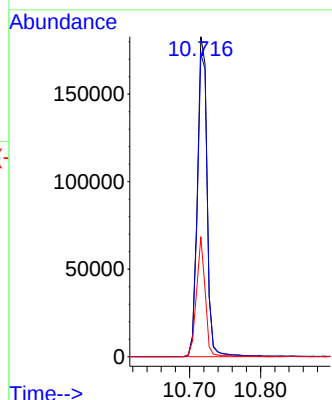
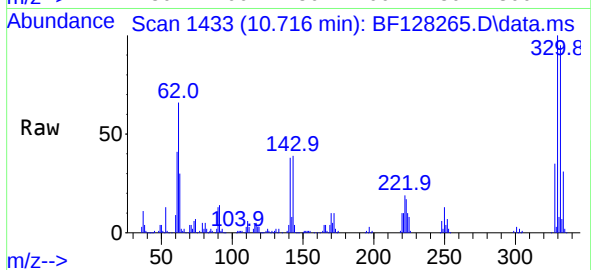
Tgt Ion:330 Resp: 174274

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.868 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128265.D

Acq: 16 May 2022 13:40

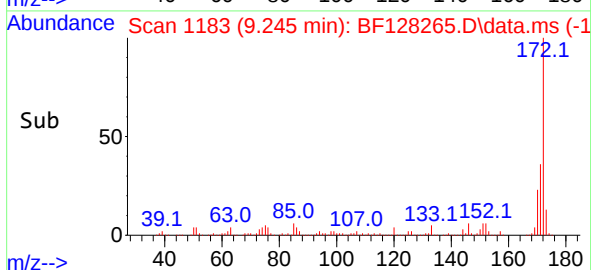
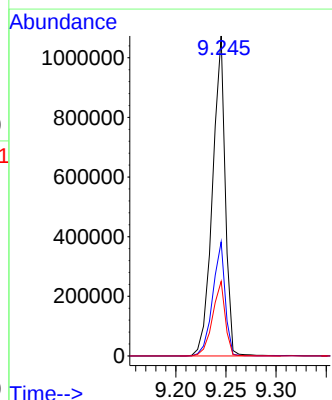
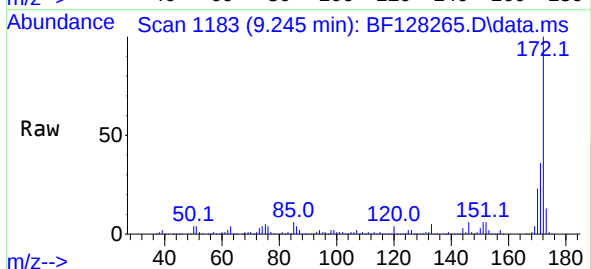
Tgt Ion:172 Resp: 951289

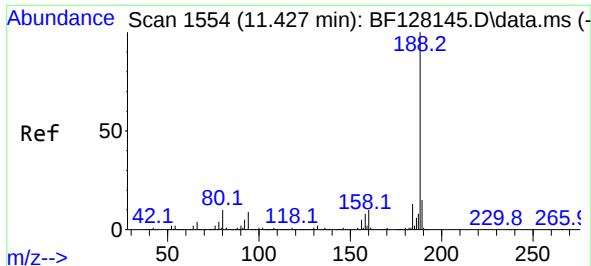
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.3 19.1 28.7

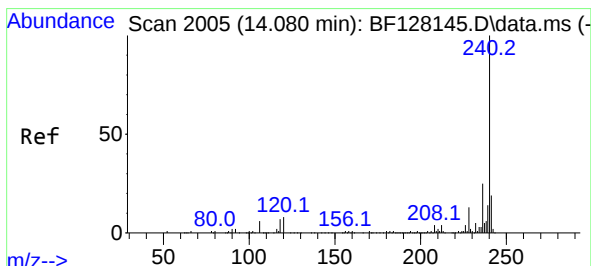
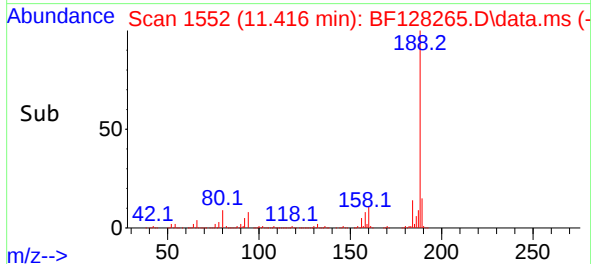
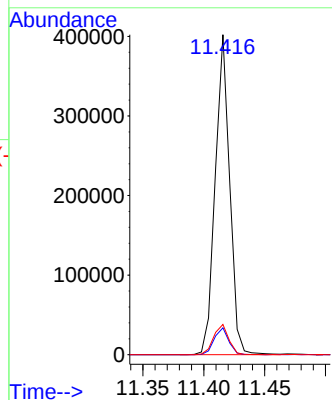
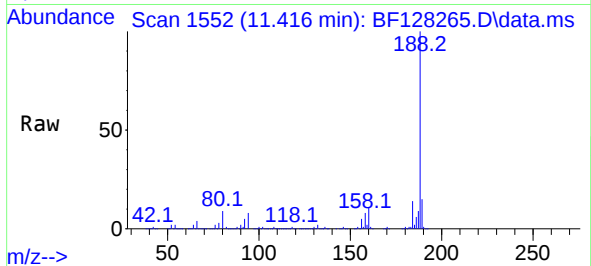




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

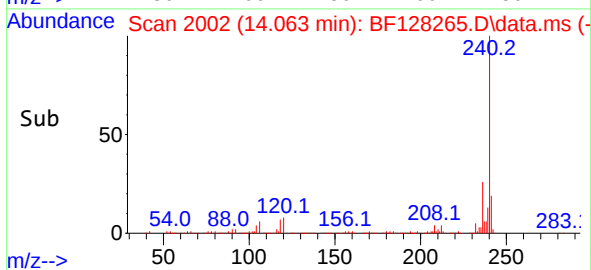
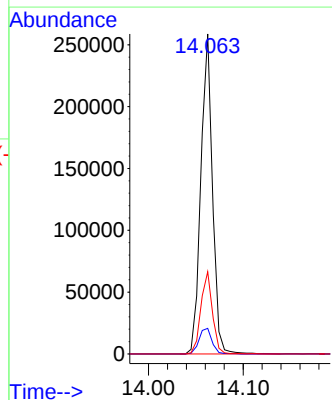
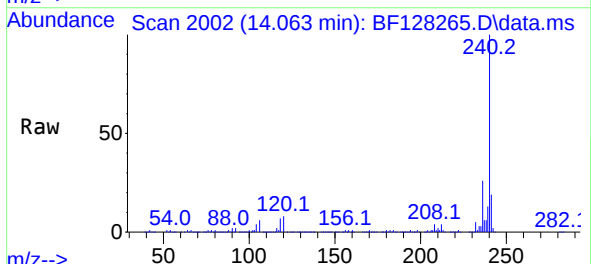
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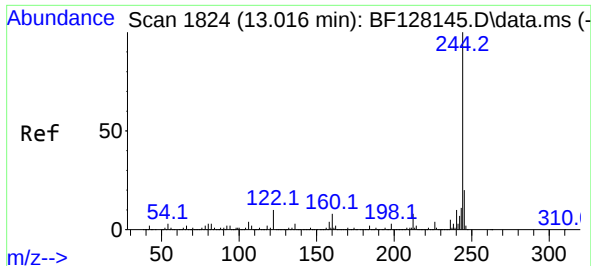
Tgt Ion:188 Resp: 332912
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:240 Resp: 221933
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.7 20.3 30.5

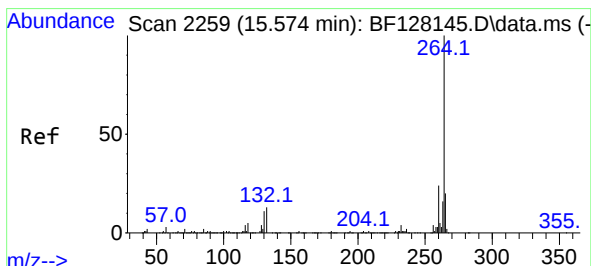
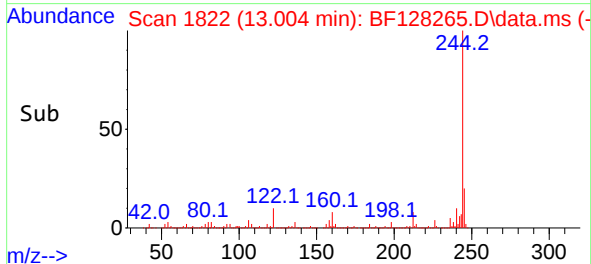
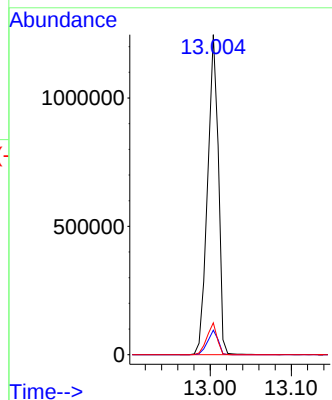
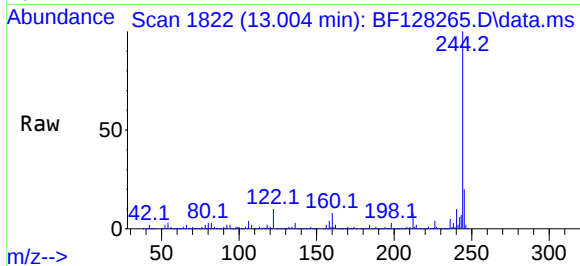




#79
 Terphenyl-d14
 Concen: 96.515 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Tgt Ion:244 Resp: 1141530
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 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: BF128265.D
 Acq: 16 May 2022 13:40

Tgt Ion:264 Resp: 184083
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.0 17.5 26.3

