

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128097.D
 Acq On : 05 May 2022 16:30
 Operator : CG\JU
 Sample : N2672-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10

Quant Time: May 05 18:02:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86340	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	348576	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	205991	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	395748	20.000	ng	0.00
76) Chrysene-d12	14.080	240	248067	20.000	ng	-0.01
86) Perylene-d12	15.586	264	185539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	626397	115.556	ng	0.00
7) Phenol-d6	6.534	99	835205	118.743	ng	-0.01
23) Nitrobenzene-d5	7.469	82	604800	81.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	276230	133.210	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1005572	82.585	ng	0.00
79) Terphenyl-d14	13.027	244	1179244	86.925	ng	0.00

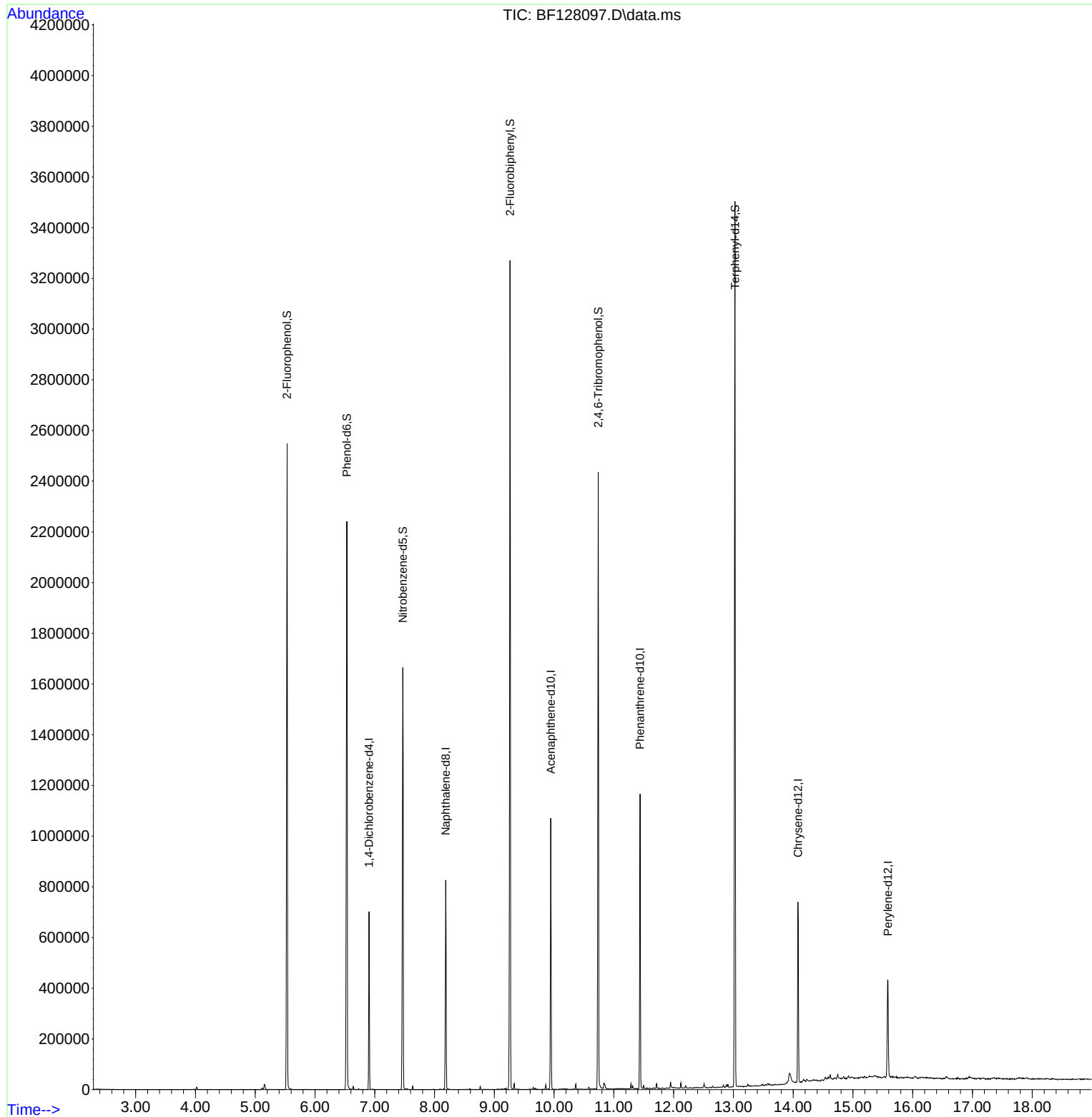
Target Compounds	Qvalue

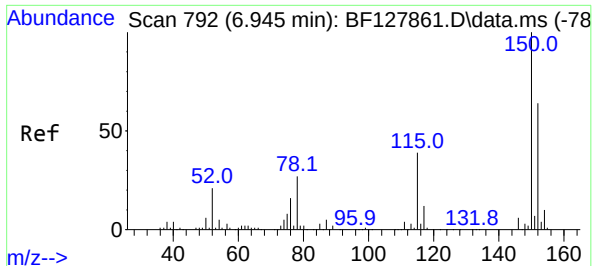
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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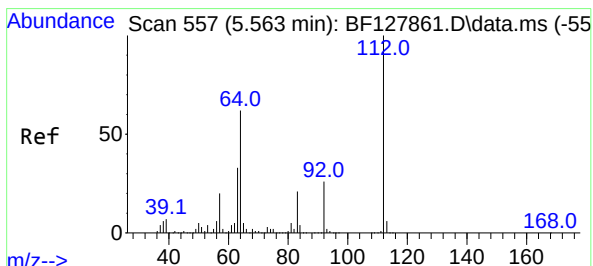
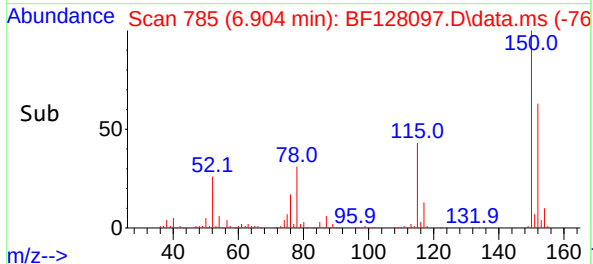
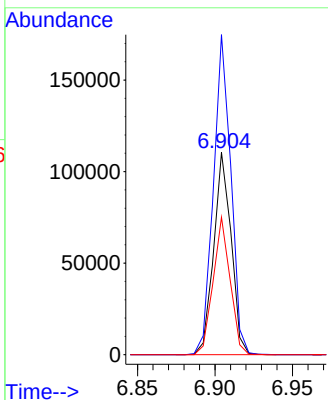
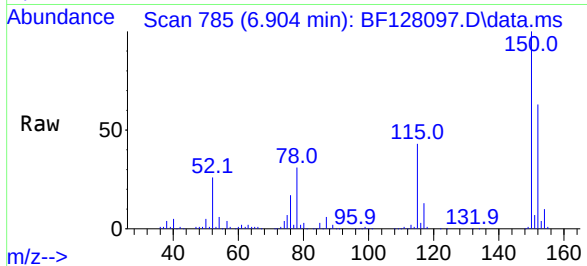




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

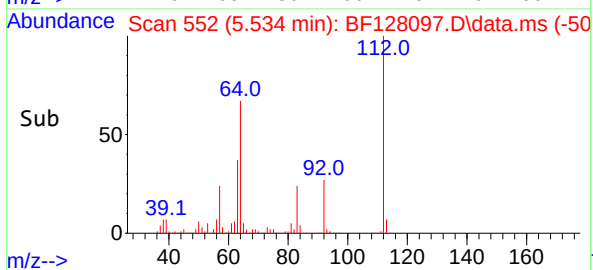
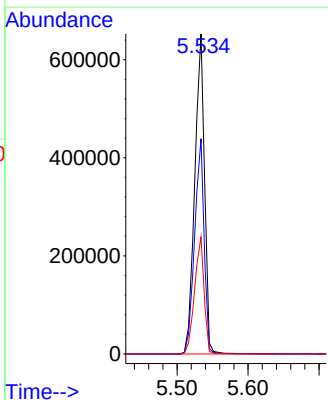
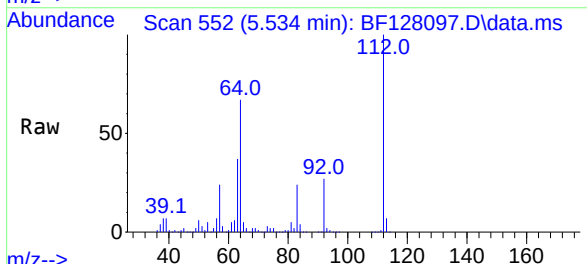
Instrument :
BNA_F
ClientSampleId :
10

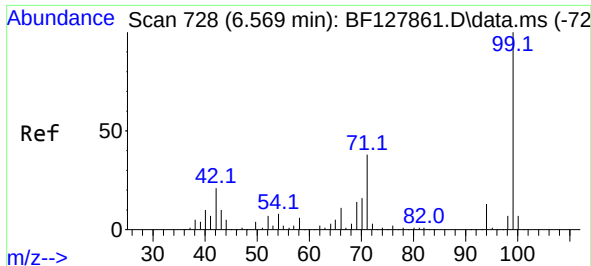
Tgt Ion:152 Resp: 86340
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 67.9 48.8 73.2



#5
2-Fluorophenol
Concen: 115.556 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion:112 Resp: 626397
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.6 26.3 39.5

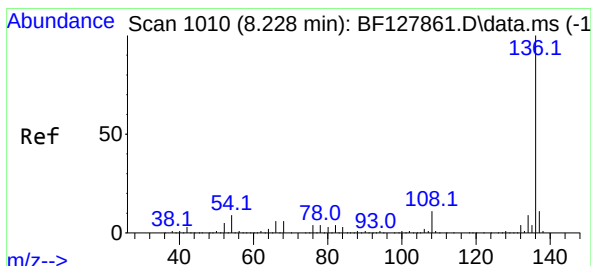
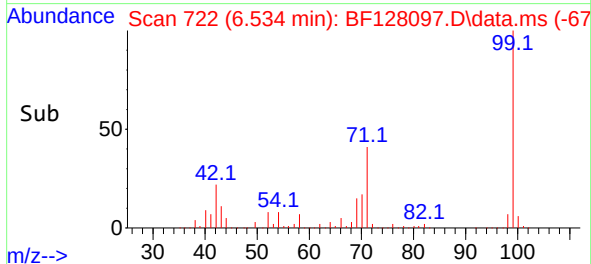
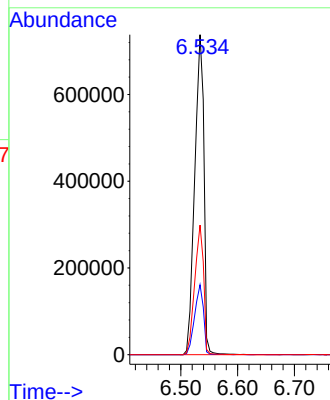
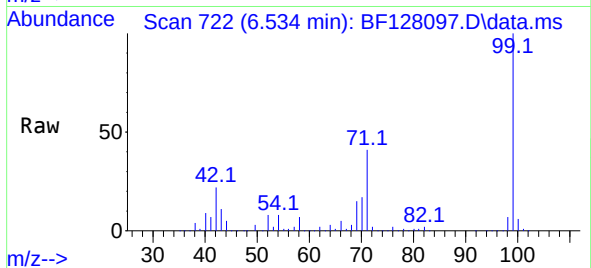




#7
Phenol-d6
Concen: 118.743 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

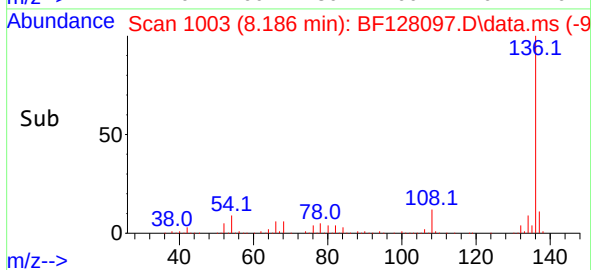
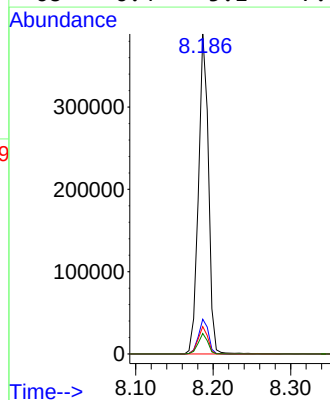
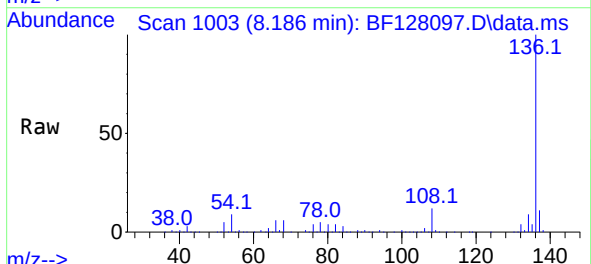
Instrument :
BNA_F
ClientSampleId :
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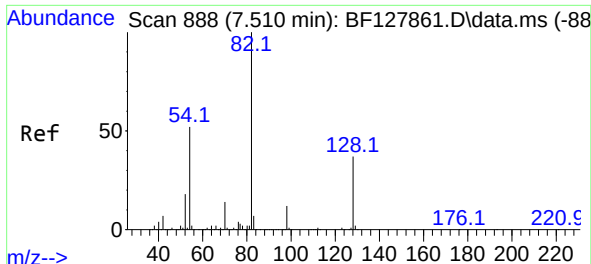
Tgt Ion: 99 Resp: 835205
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion: 136 Resp: 348576
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.8 10.2
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 81.590 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

Instrument :

BNA_F

ClientSampleId :

10

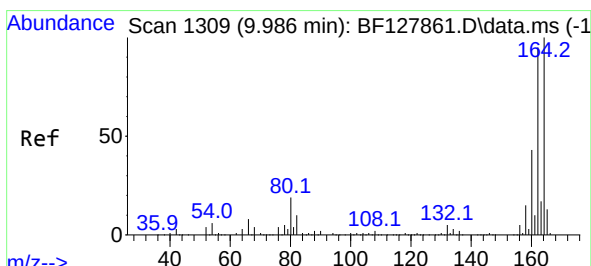
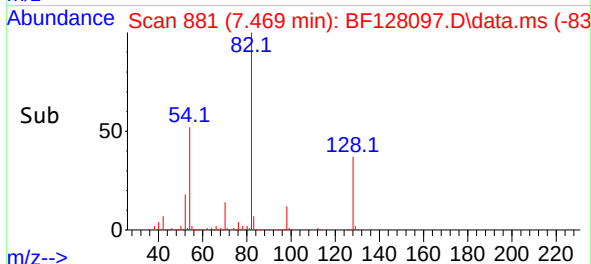
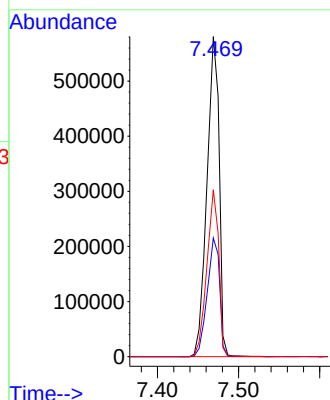
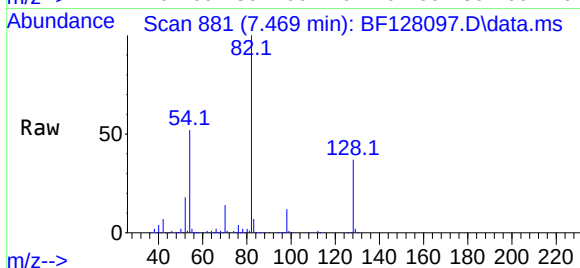
Tgt Ion: 82 Resp: 604800

Ion Ratio Lower Upper

82 100

128 37.1 30.0 45.0

54 52.2 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

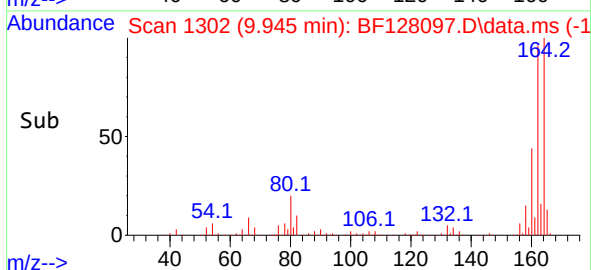
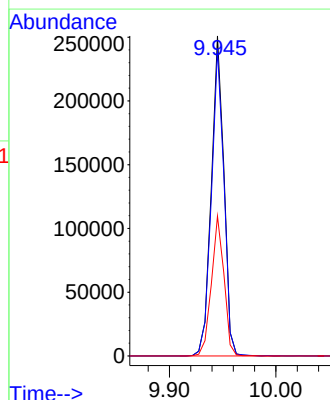
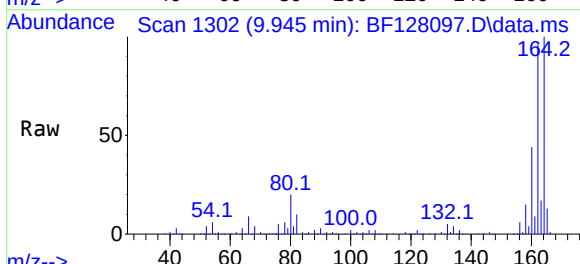
Tgt Ion: 164 Resp: 205991

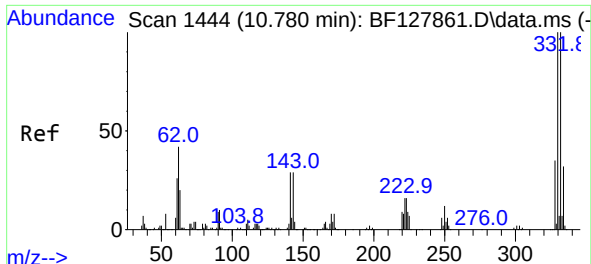
Ion Ratio Lower Upper

164 100

162 95.8 76.0 114.0

160 43.7 34.8 52.2

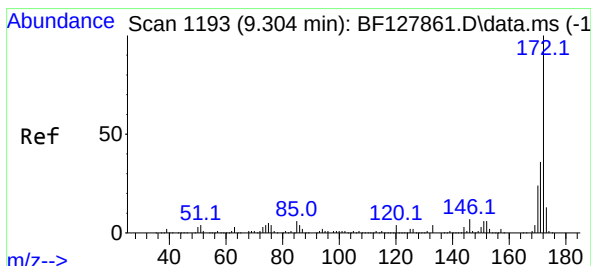
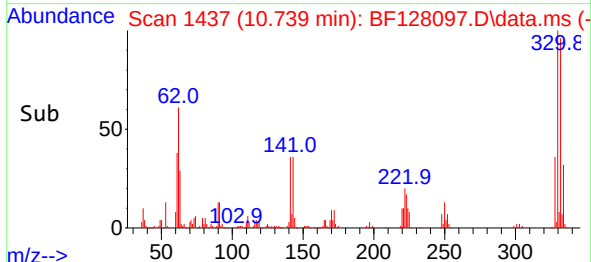
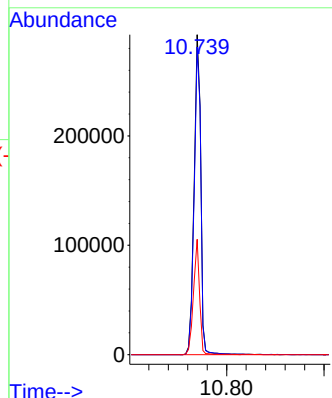
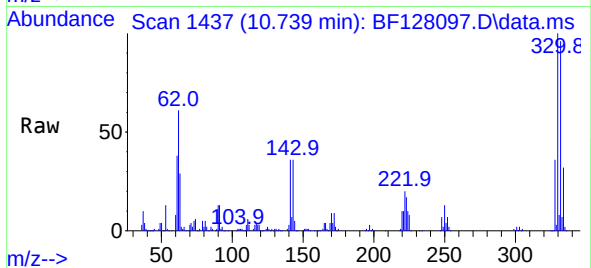




#42
2,4,6-Tribromophenol
Concen: 133.210 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

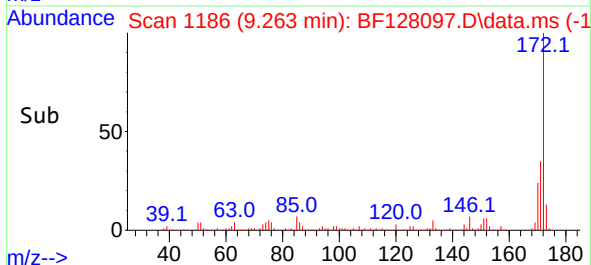
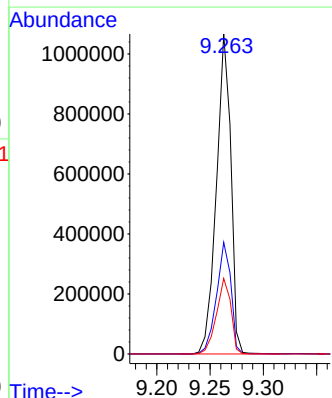
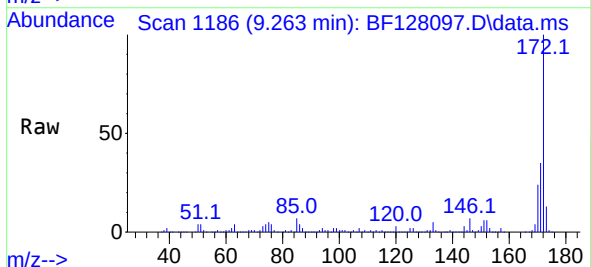
Instrument :
BNA_F
ClientSampleId :
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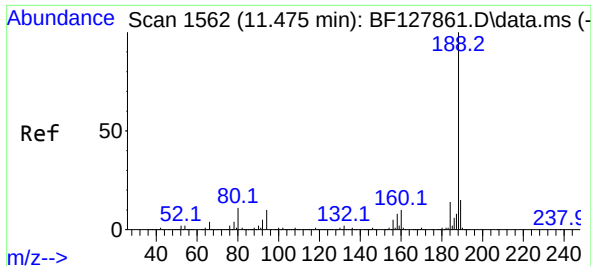
Tgt Ion:330 Resp: 276230
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 82.585 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion:172 Resp: 1005572
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.6 19.1 28.7

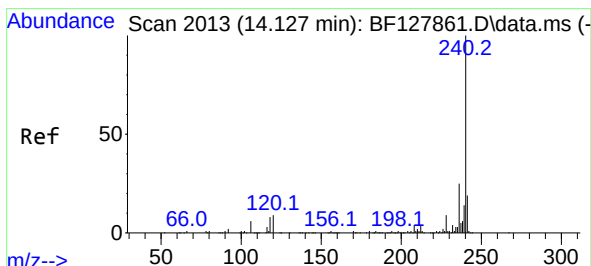
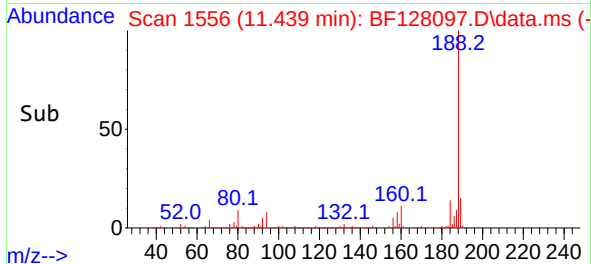
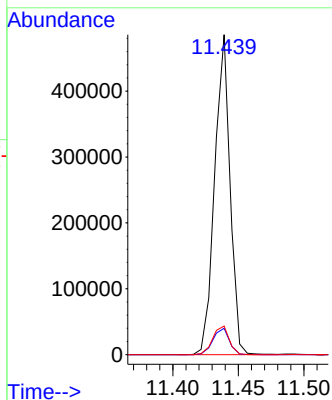
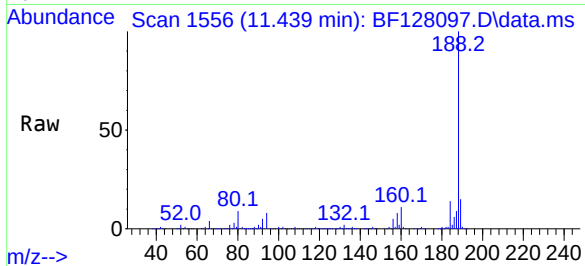




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

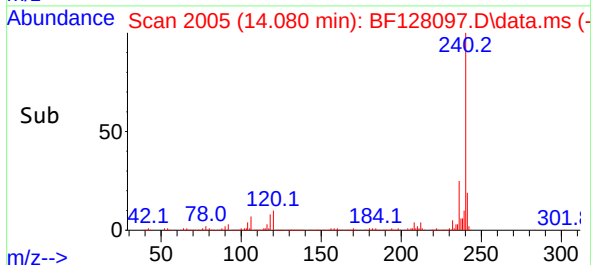
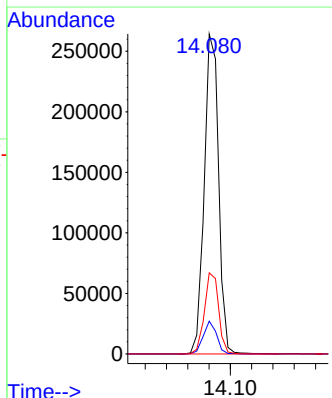
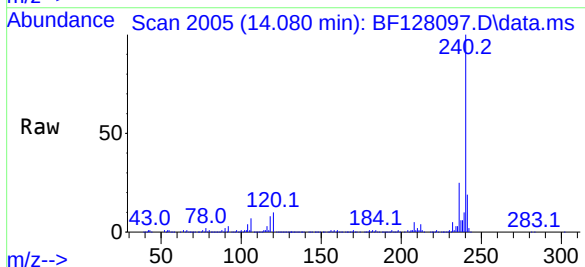
Instrument :
BNA_F
ClientSampleId :
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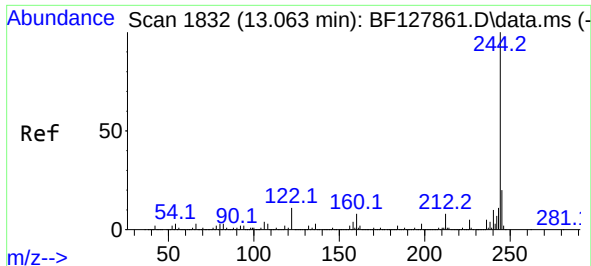
Tgt Ion:188 Resp: 395748
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion:240 Resp: 248067
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.3 20.3 30.5

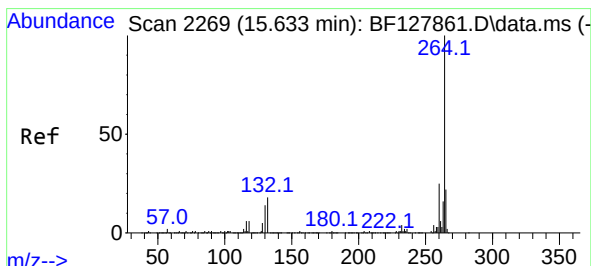
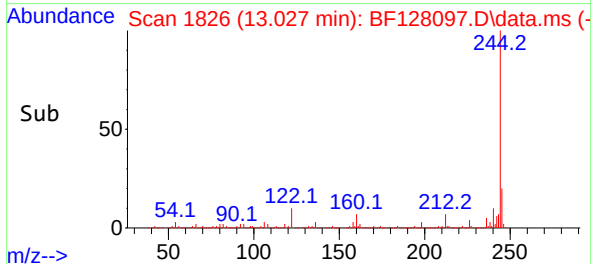
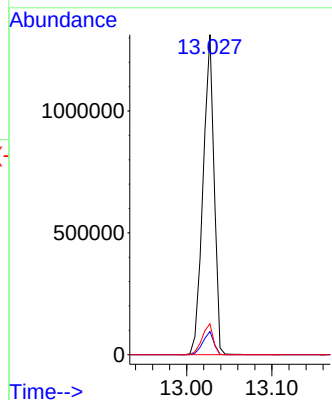
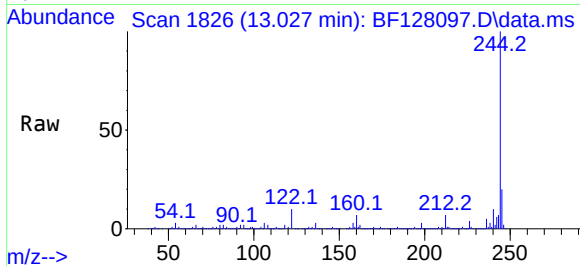




#79
 Terphenyl-d14
 Concen: 86.925 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128097.D
 Acq: 05 May 2022 16:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1179244
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128097.D
 Acq: 05 May 2022 16:30

Tgt Ion:264 Resp: 185539
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 20.2 17.5 26.3

