

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128072.D
 Acq On : 04 May 2022 15:28
 Operator : CG\JU
 Sample : N2665-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4,6

Quant Time: May 05 06:03:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91668	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	351124	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	192101	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	298257	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	211953	20.000	ng	0.00
86) Perylene-d12	15.603	264	189529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	657849	114.305	ng	0.00
7) Phenol-d6	6.545	99	876503	117.371	ng	0.00
23) Nitrobenzene-d5	7.480	82	631917	84.629	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	221069	114.317	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1033840	91.045	ng	0.00
79) Terphenyl-d14	13.039	244	851572	73.467	ng	0.00

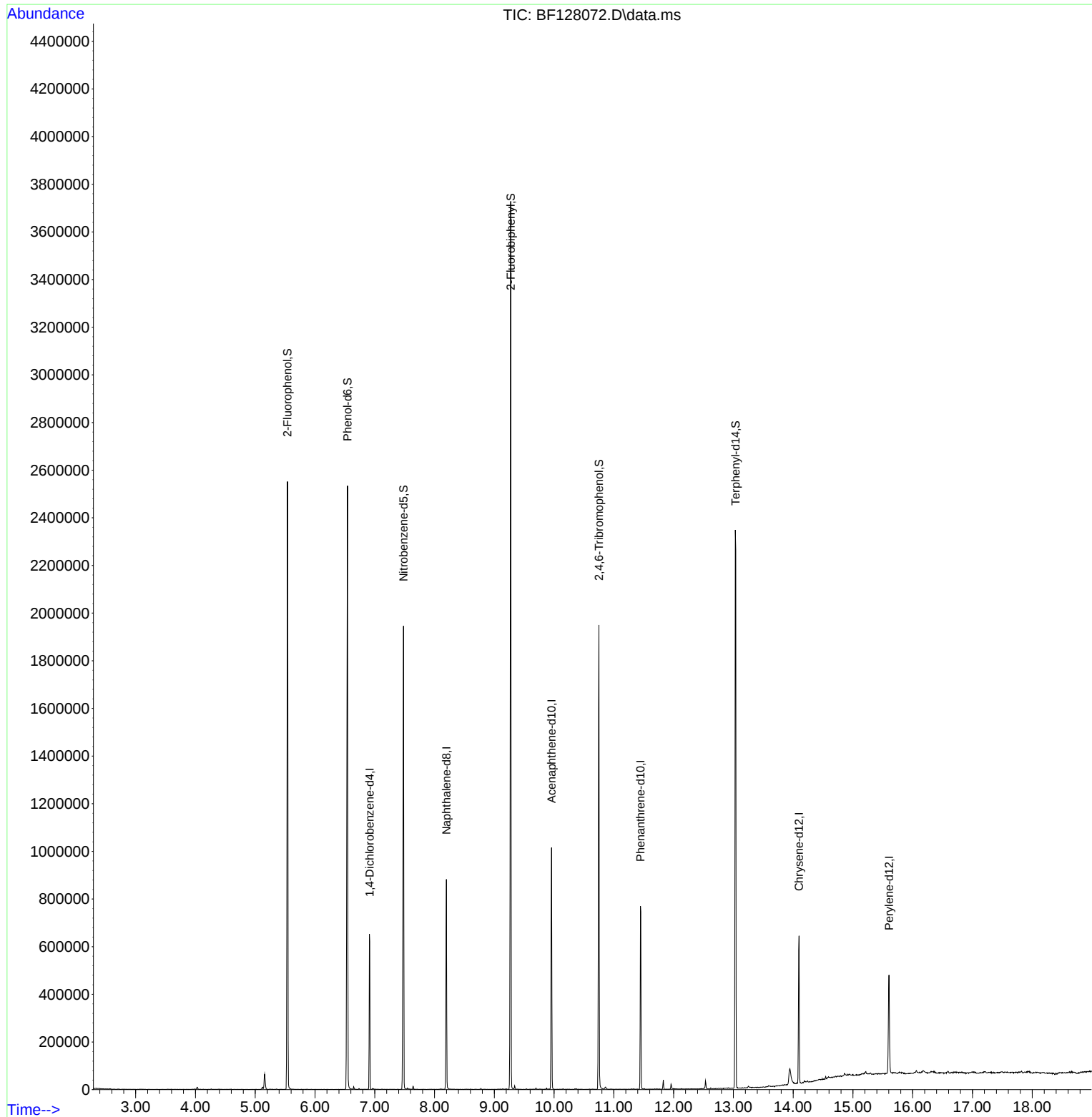
Target Compounds	Qvalue

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

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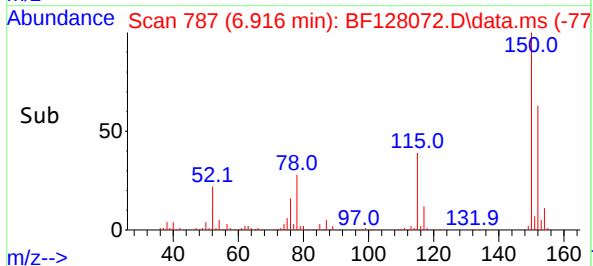
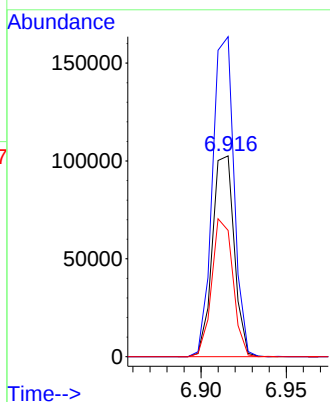
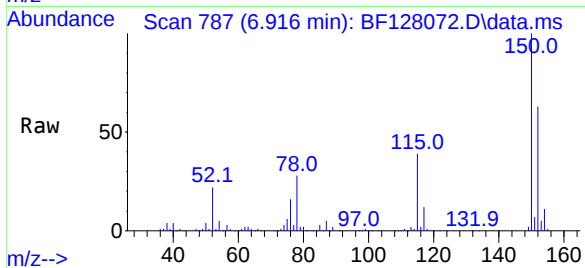




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

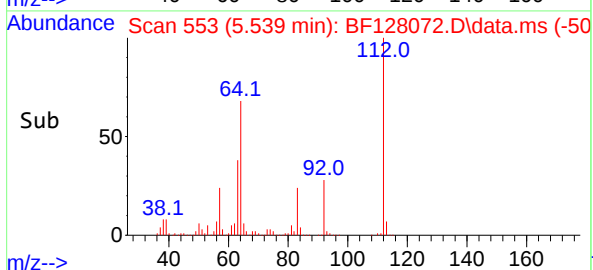
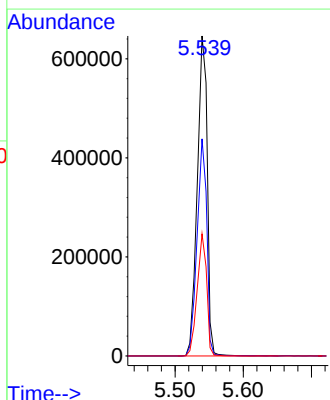
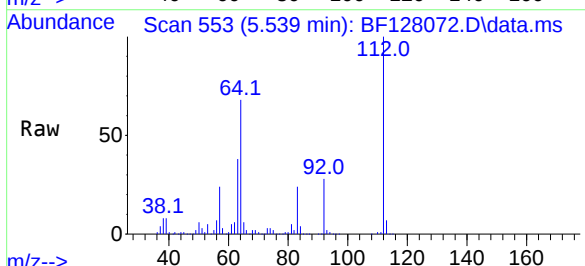
Instrument :
BNA_F
ClientSampleId :
SB-4,6

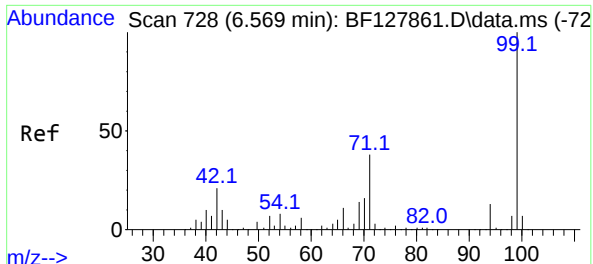
Tgt Ion:152 Resp: 91668
Ion Ratio Lower Upper
152 100
150 159.4 125.3 187.9
115 62.9 48.8 73.2



#5
2-Fluorophenol
Concen: 114.305 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:112 Resp: 657849
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 38.2 26.3 39.5

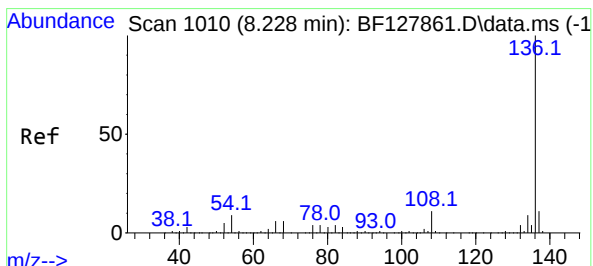
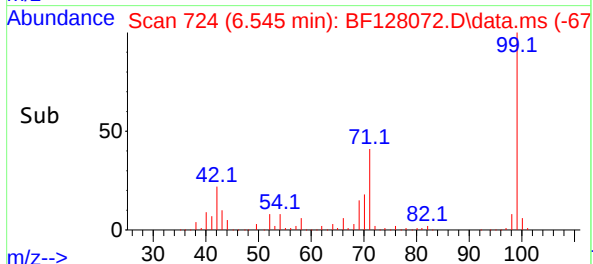
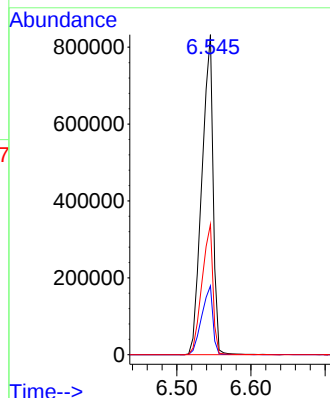
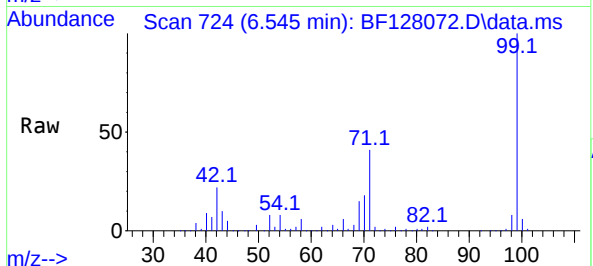




#7
Phenol-d6
Concen: 117.371 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

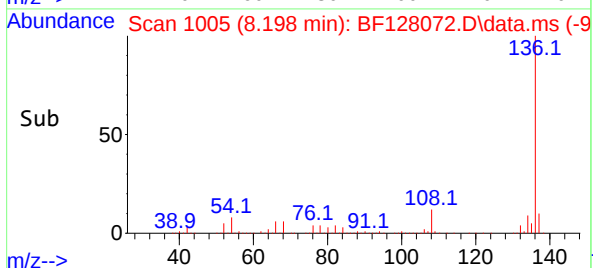
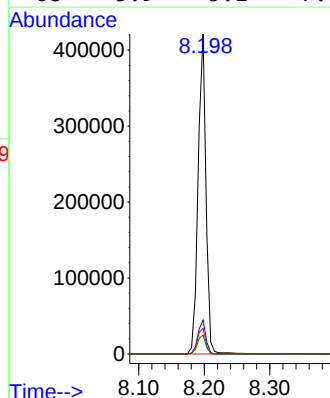
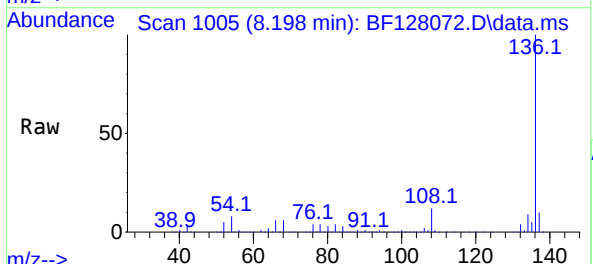
Instrument :
BNA_F
ClientSampleId :
SB-4,6

Tgt Ion: 99 Resp: 876503
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion: 136 Resp: 351124
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.0 6.8 10.2
68 5.9 5.1 7.7

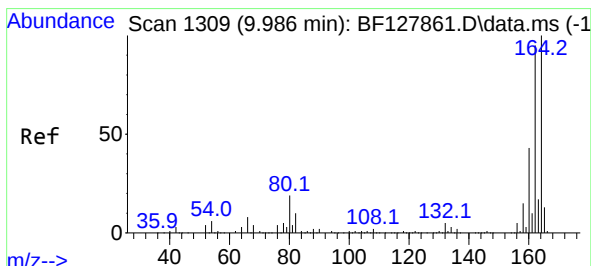
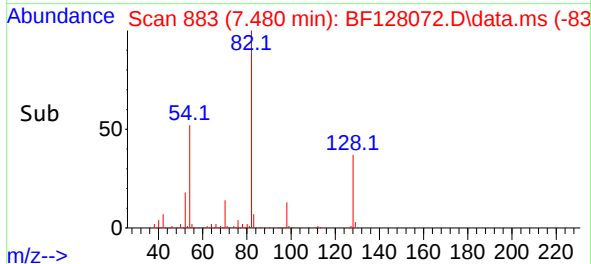
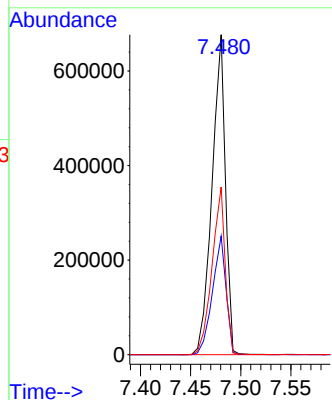
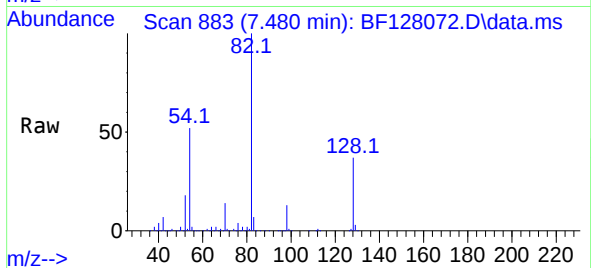




#23
Nitrobenzene-d5
Concen: 84.629 ng
RT: 7.480 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

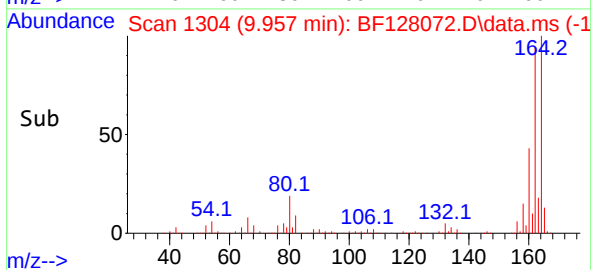
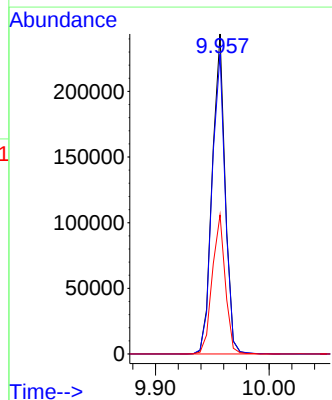
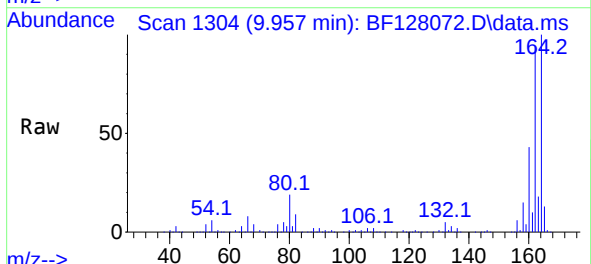
Instrument :
BNA_F
ClientSampleId :
SB-4,6

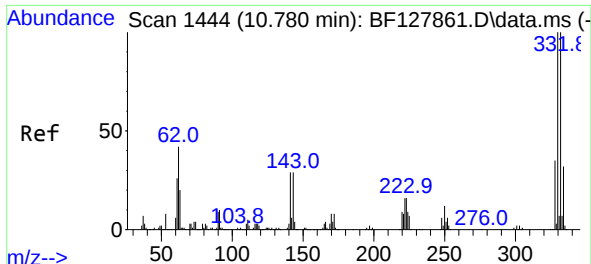
Tgt Ion: 82 Resp: 631917
Ion Ratio Lower Upper
82 100
128 37.0 30.0 45.0
54 52.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion: 164 Resp: 192101
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 114.317 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128072.D

Acq: 04 May 2022 15:28

Instrument :

BNA_F

ClientSampleId :

SB-4,6

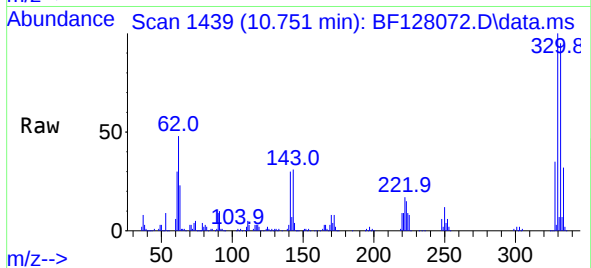
Tgt Ion:330 Resp: 221069

Ion Ratio Lower Upper

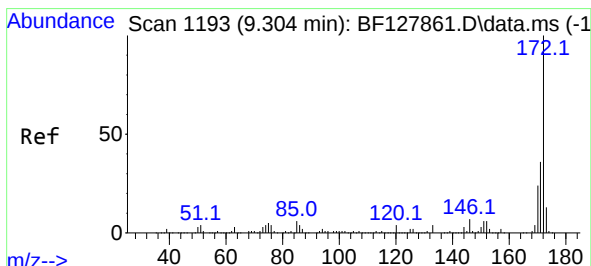
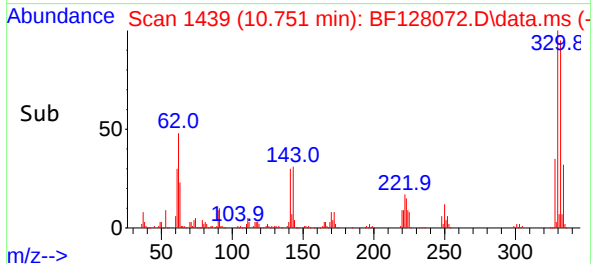
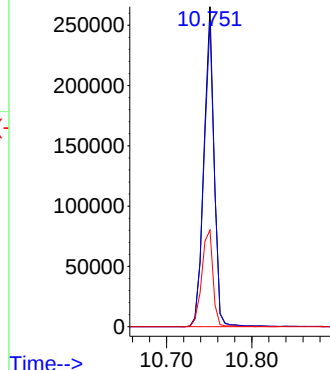
330 100

332 96.4 79.0 118.4

141 33.1 28.9 43.3



Abundance



#45

2-Fluorobiphenyl

Concen: 91.045 ng

RT: 9.274 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128072.D

Acq: 04 May 2022 15:28

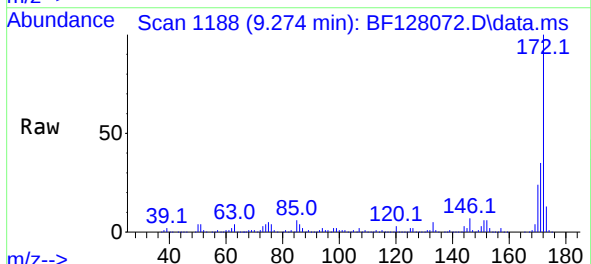
Tgt Ion:172 Resp: 1033840

Ion Ratio Lower Upper

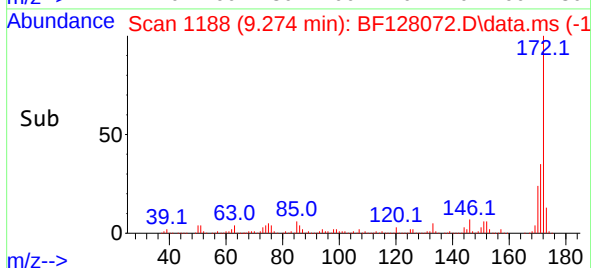
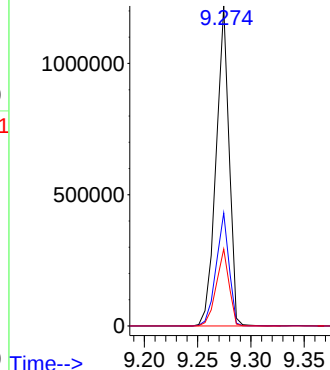
172 100

171 35.3 28.6 42.8

170 24.1 19.1 28.7



Abundance

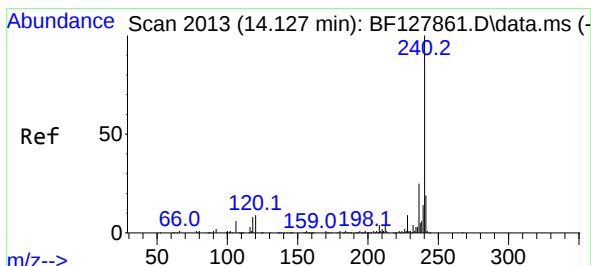
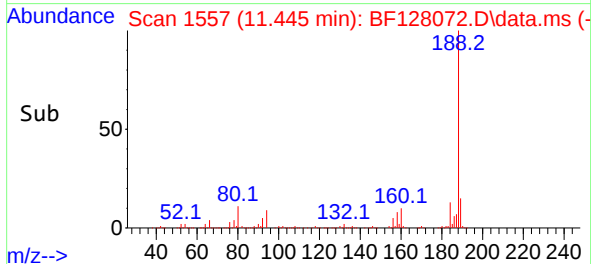
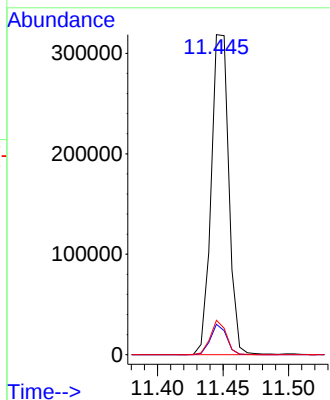
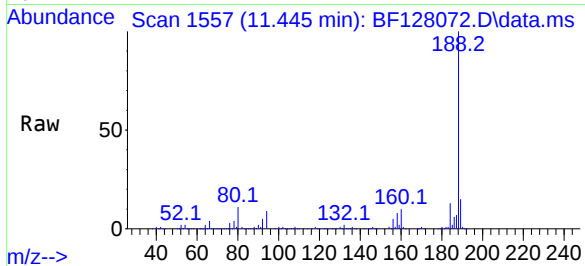




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

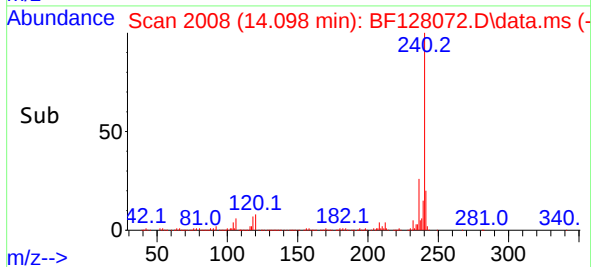
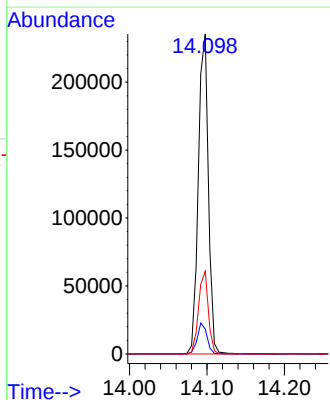
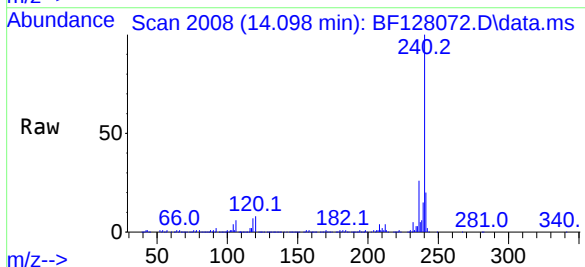
Instrument :
BNA_F
ClientSampleId :
SB-4,6

Tgt Ion:188 Resp: 298257
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:240 Resp: 211953
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.9 20.3 30.5

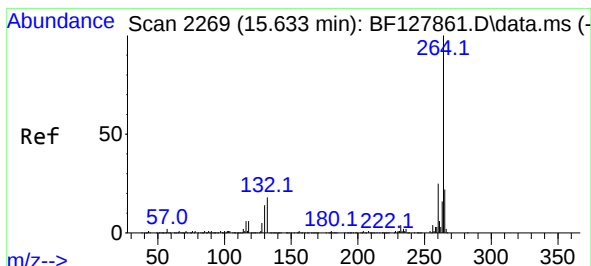
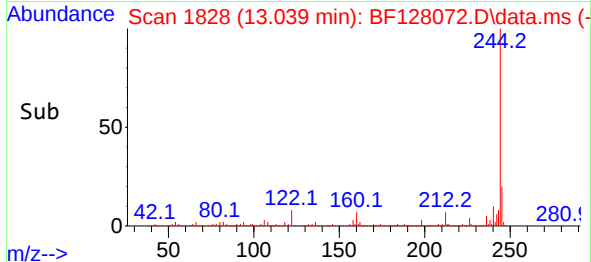
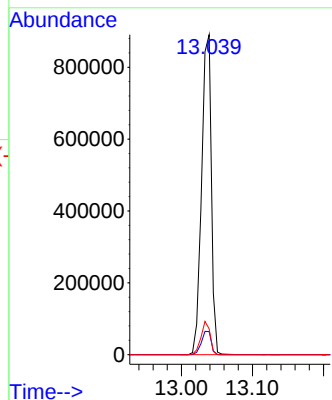
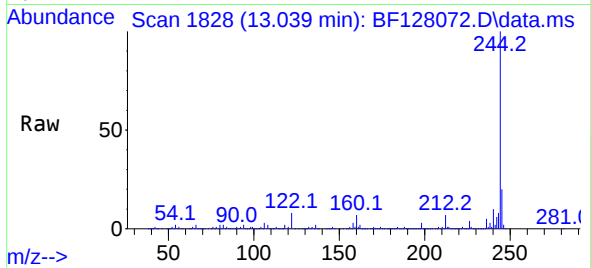




#79
 Terphenyl-d14
 Concen: 73.467 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-4,6

Tgt Ion:244 Resp: 851572
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.603 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

Tgt Ion:264 Resp: 189529
 Ion Ratio Lower Upper
 264 100
 260 22.4 20.1 30.1
 265 20.6 17.5 26.3

