

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127098.D
 Acq On : 28 Feb 2022 14:24
 Operator : CG\JU
 Sample : N1664-31
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Feb 28 16:59:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97320	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	397497	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	206466	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	366709	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	183734	20.000	ng	#-0.01
86) Perylene-d12	15.574	264	176177	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	455626	72.360	ng	0.00
7) Phenol-d6	6.528	99	601643	70.811	ng	-0.01
23) Nitrobenzene-d5	7.463	82	413458	46.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	180354	75.869	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	695842	49.615	ng	-0.01
79) Terphenyl-d14	13.021	244	758028	60.649	ng	0.00

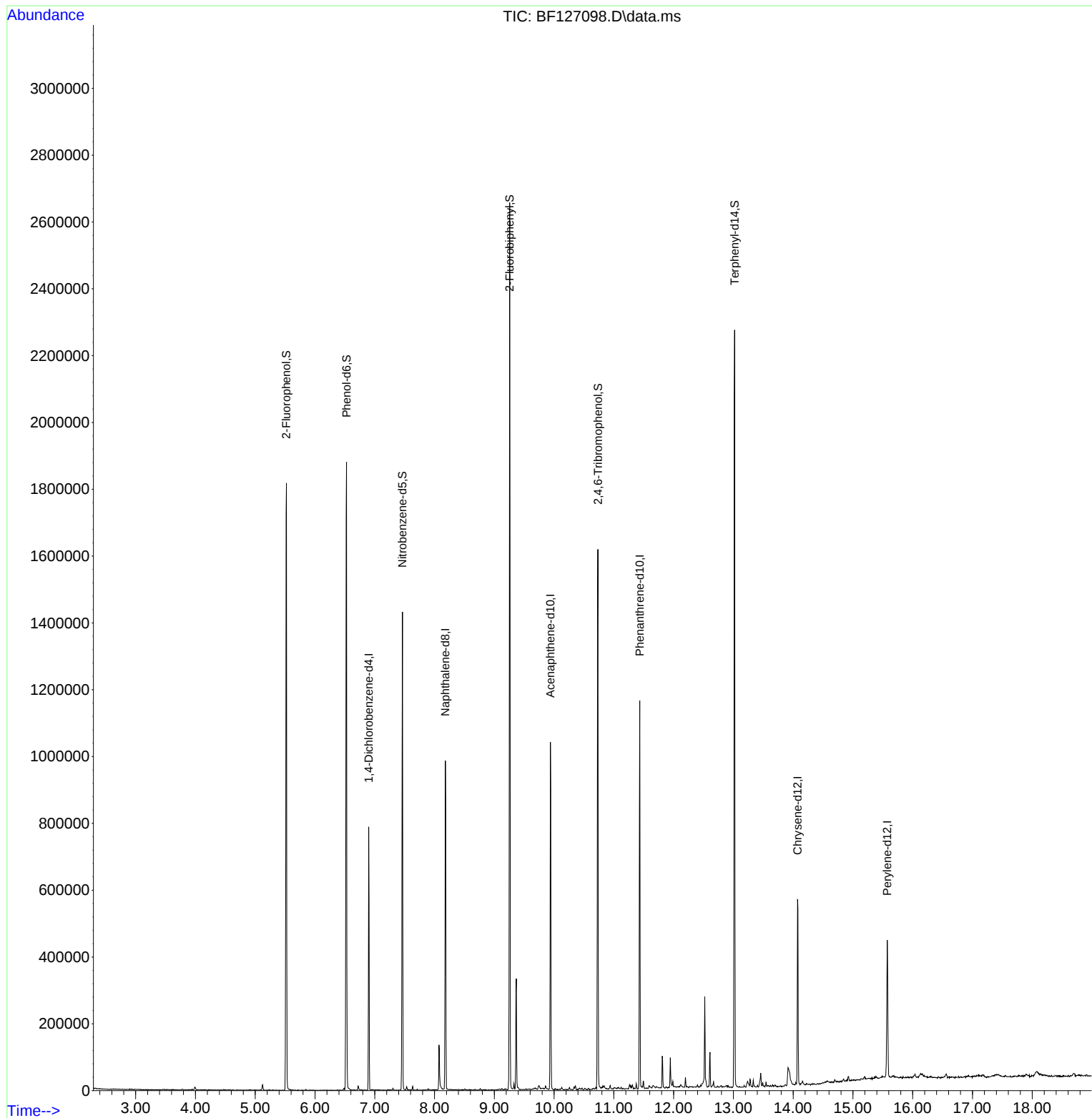
Target Compounds	Qvalue

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

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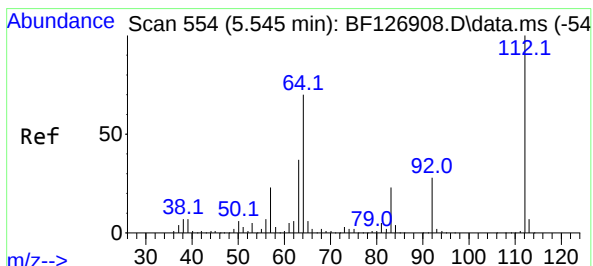
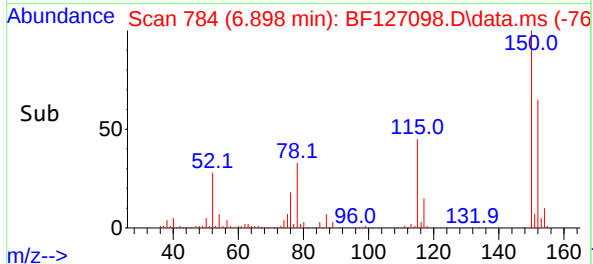
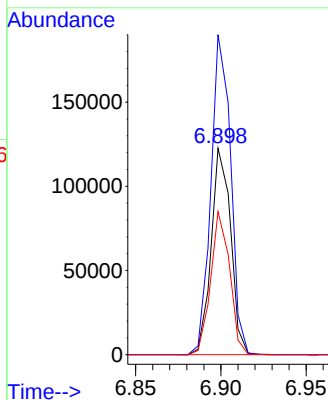
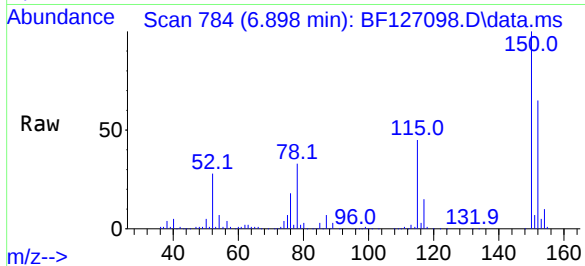




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

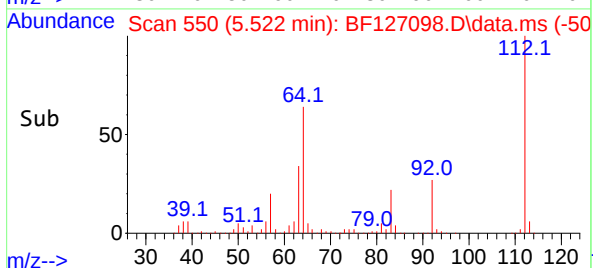
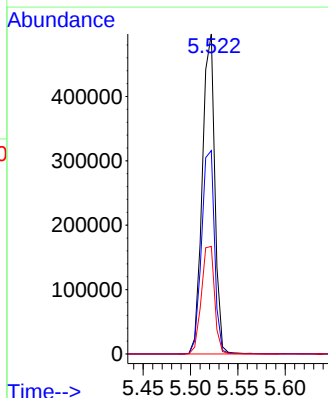
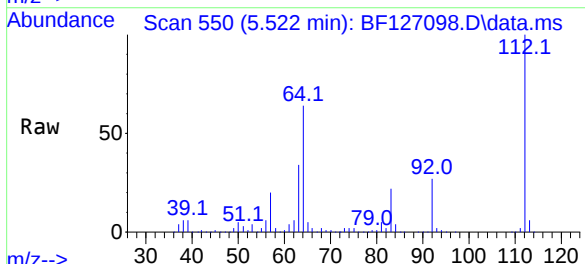
Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 97320
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 72.360 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:112 Resp: 455626
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 33.6 23.9 35.9

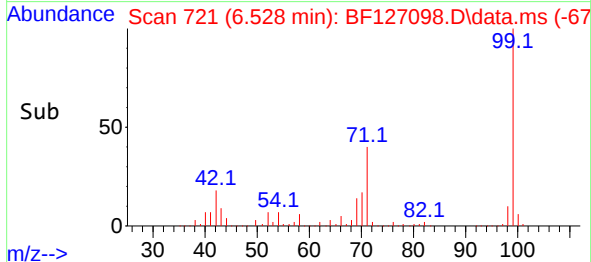
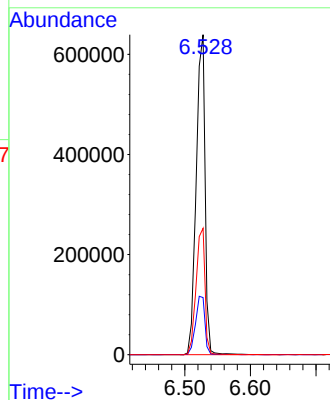
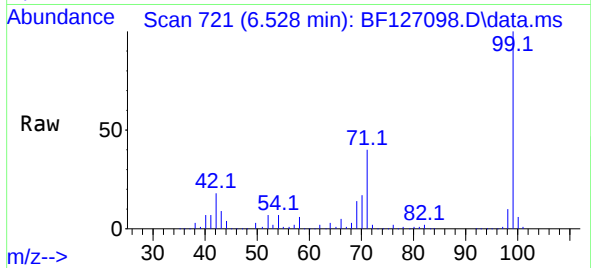




#7
Phenol-d6
Concen: 70.811 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

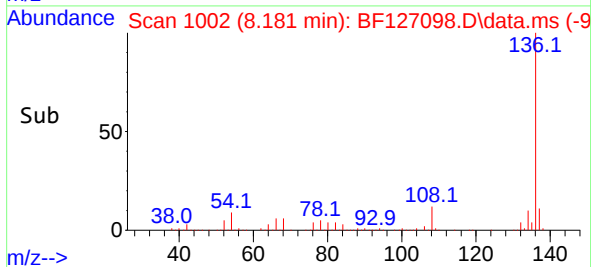
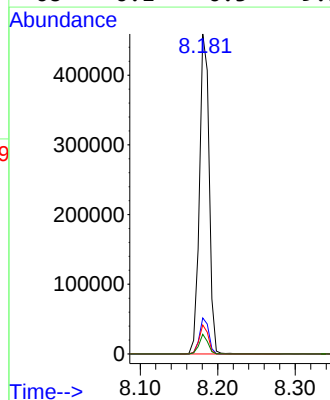
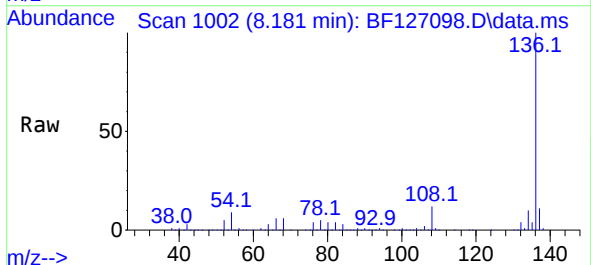
Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 601643
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 39.5 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:136 Resp: 397497
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 7.8 11.6
68 6.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 46.950 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127098.D

Acq: 28 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

TP-11

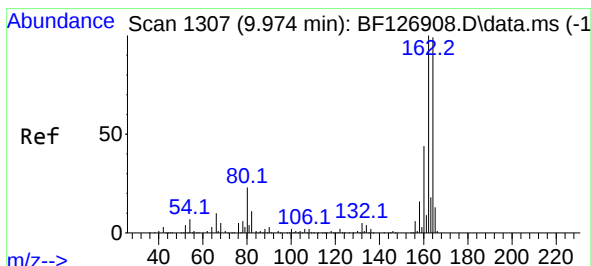
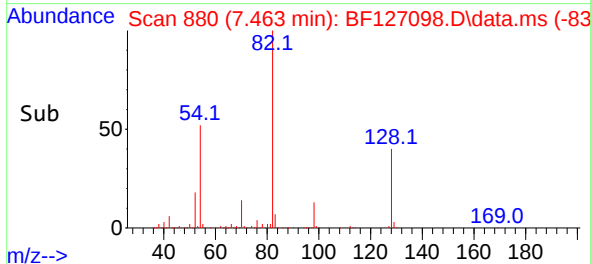
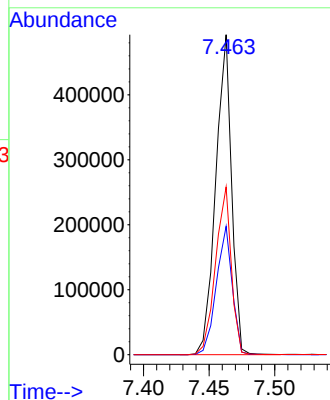
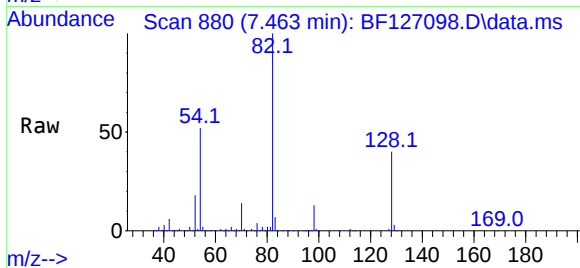
Tgt Ion: 82 Resp: 413458

Ion Ratio Lower Upper

82 100

128 40.1 32.7 49.1

54 52.4 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127098.D

Acq: 28 Feb 2022 14:24

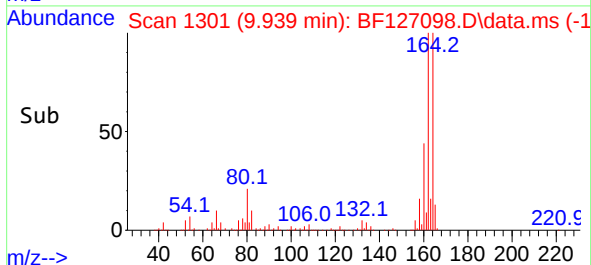
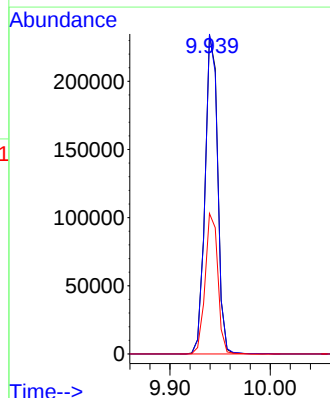
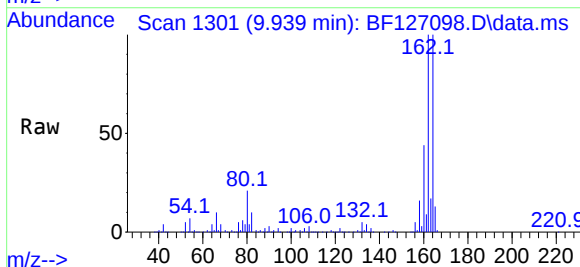
Tgt Ion: 164 Resp: 206466

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 75.869 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127098.D

Acq: 28 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

TP-11

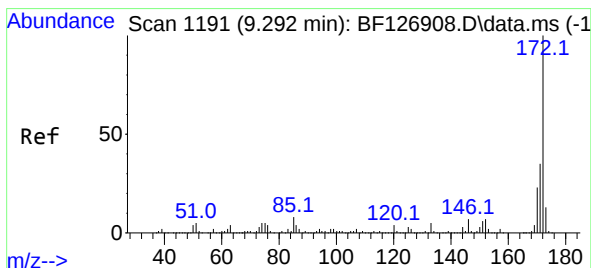
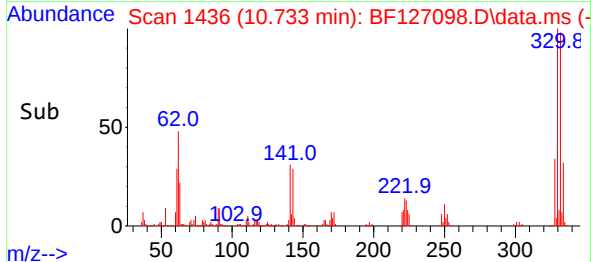
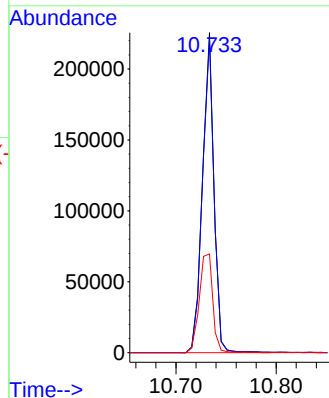
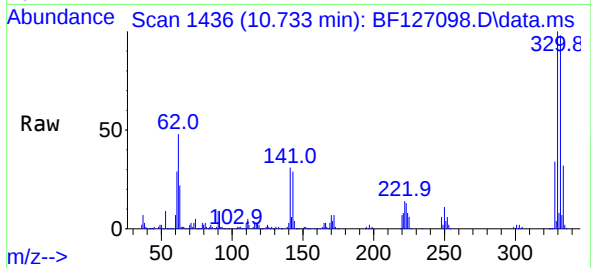
Tgt Ion:330 Resp: 180354

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 36.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 49.615 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127098.D

Acq: 28 Feb 2022 14:24

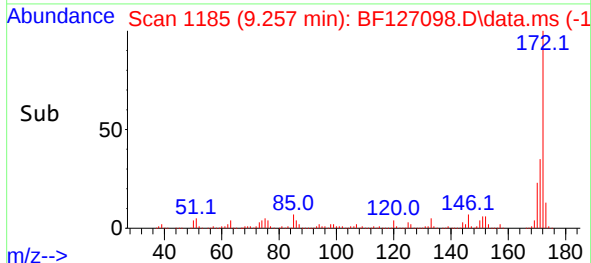
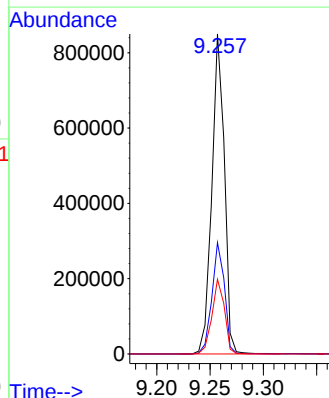
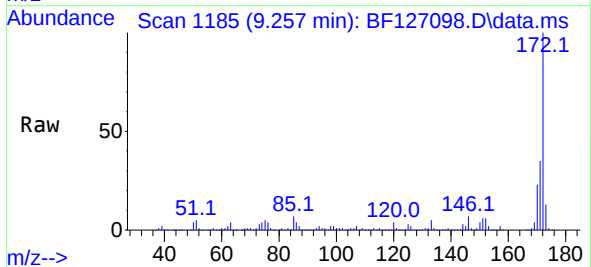
Tgt Ion:172 Resp: 695842

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6

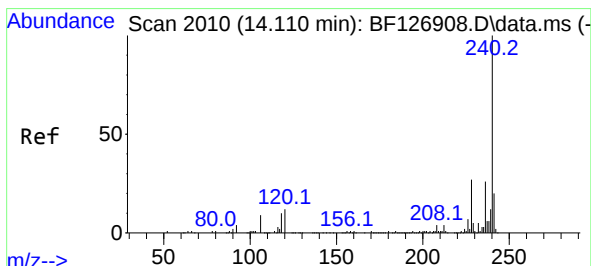
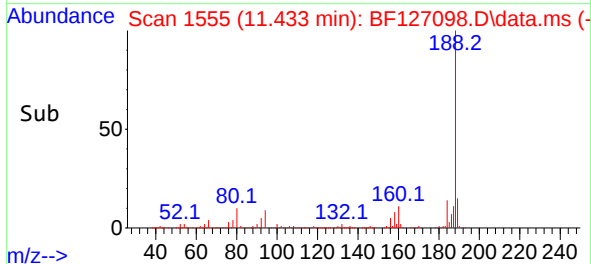
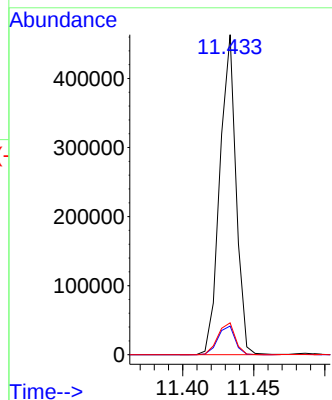
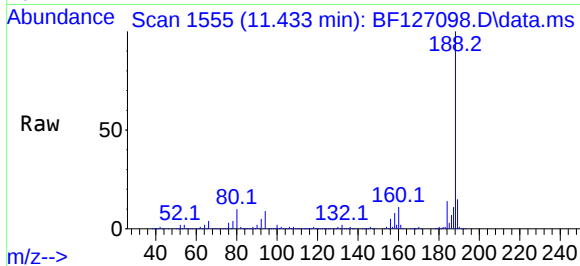




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

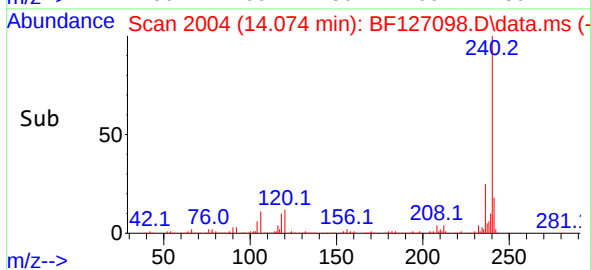
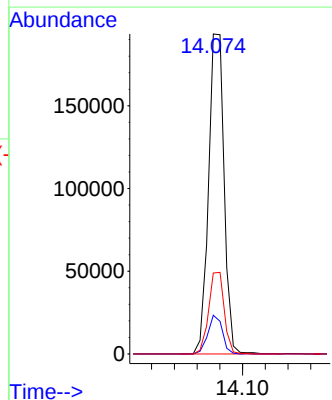
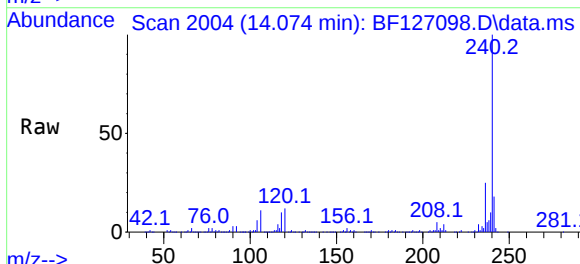
Instrument :
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TP-11

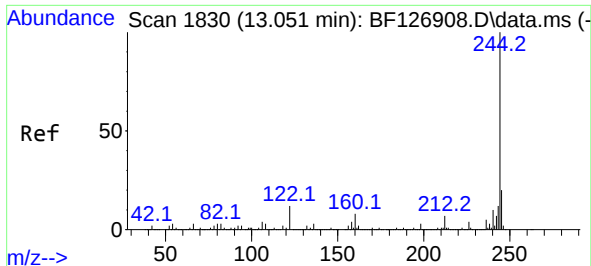
Tgt Ion:188 Resp: 366709
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:240 Resp: 183734
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6#
236 25.3 20.5 30.7

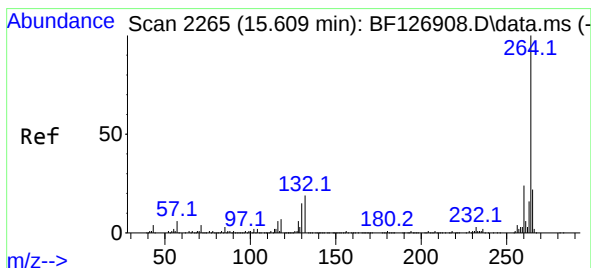
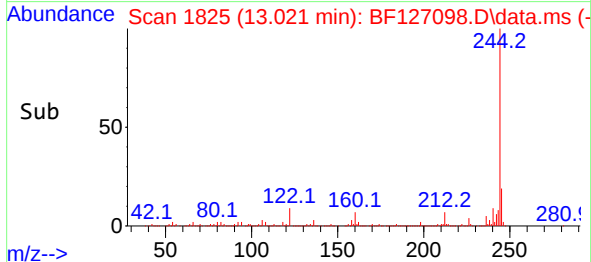
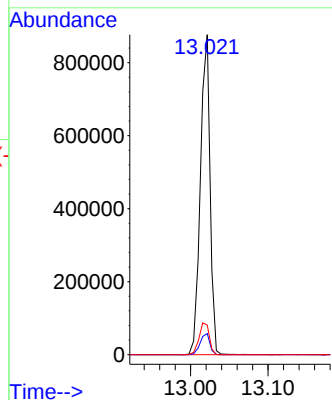
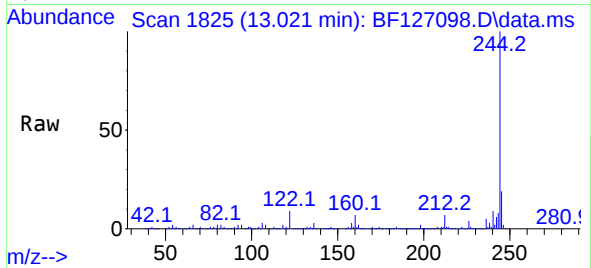




#79
Terphenyl-d14
Concen: 60.649 ng
RT: 13.021 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:244 Resp: 758028
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 9.3 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF127098.D
Acq: 28 Feb 2022 14:24

Tgt Ion:264 Resp: 176177
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.7 17.4 26.2

