

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127196.D
 Acq On : 04 Mar 2022 12:40
 Operator : CG\JU
 Sample : PB143039TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143039TB

Quant Time: Mar 05 02:19:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	95183	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	387169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	199645	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	362955	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	233321	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	182683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	760945	123.562	ng	0.01
7) Phenol-d6	6.510	99	1013999	122.023	ng	0.00
23) Nitrobenzene-d5	7.445	82	687186	80.114	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322182	140.162	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1197941	88.335	ng	0.00
79) Terphenyl-d14	13.004	244	1412378	88.987	ng	0.00

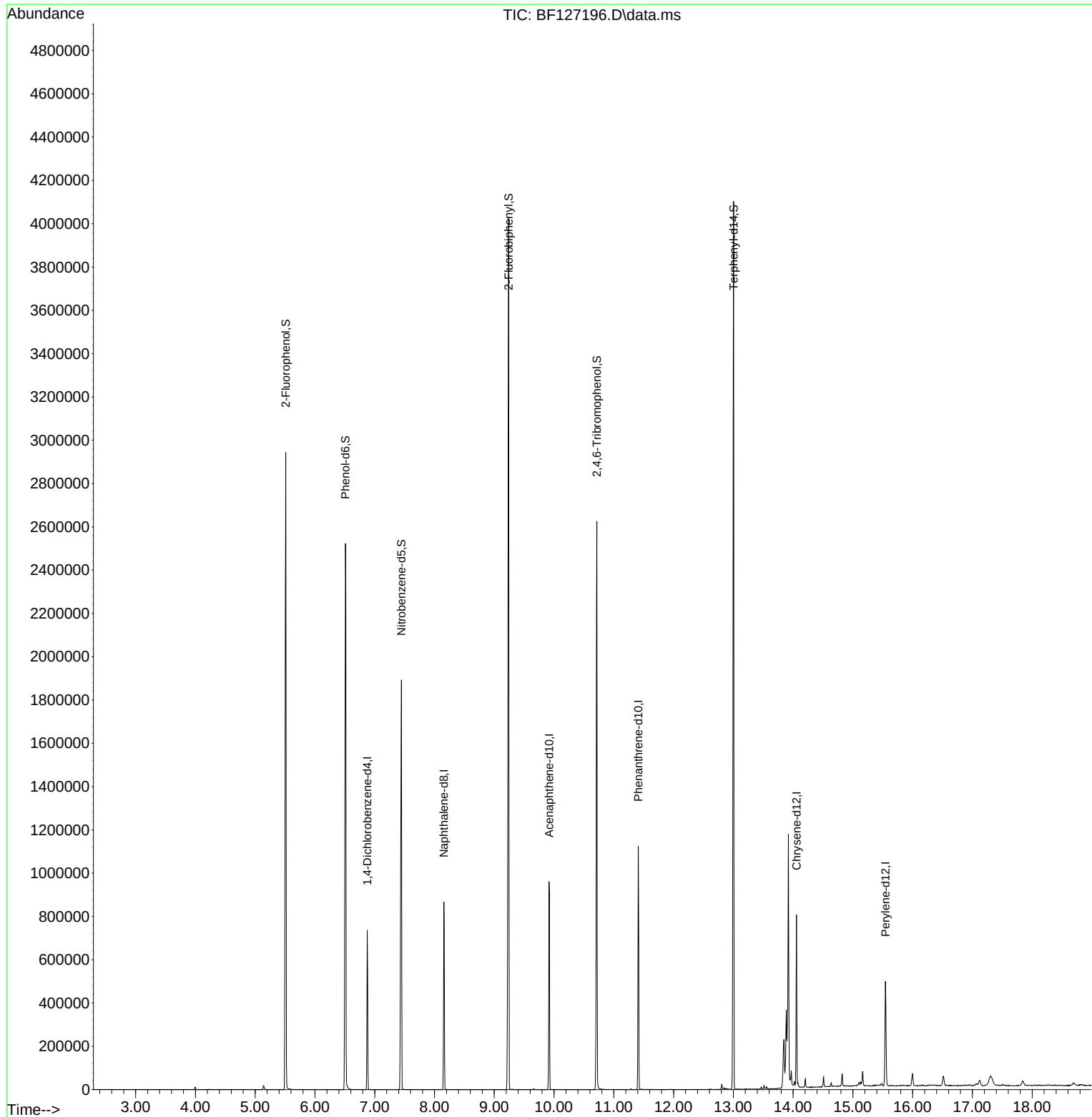
Target Compounds	Qvalue

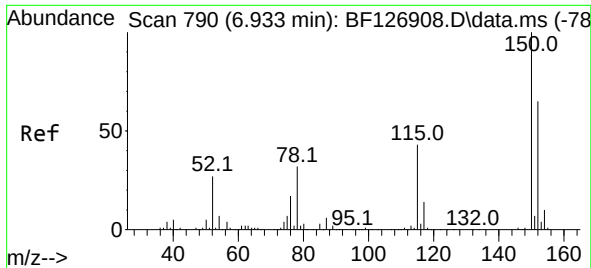
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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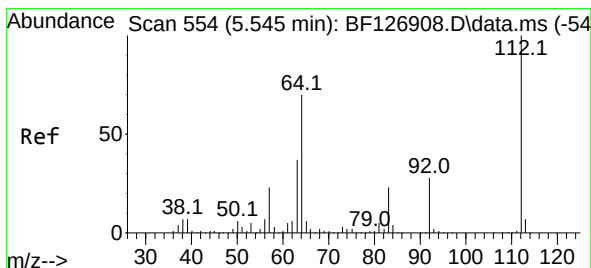
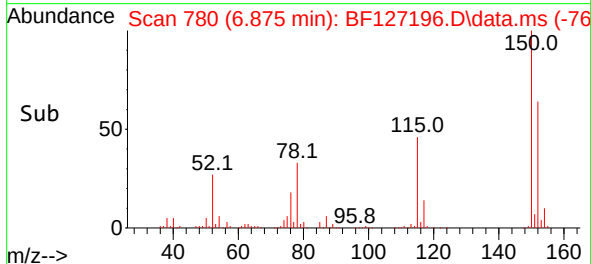
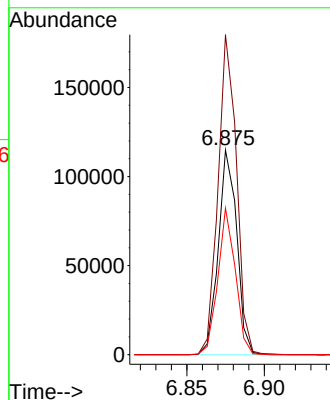
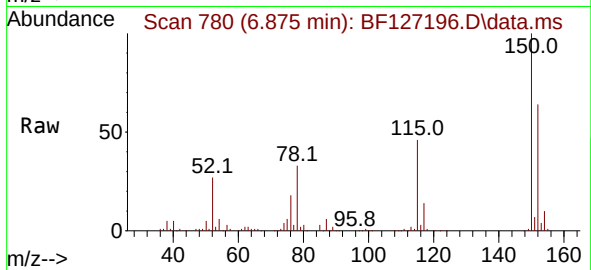




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

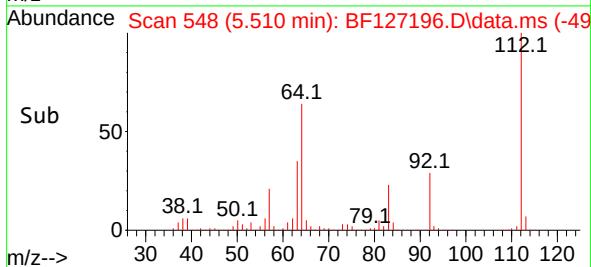
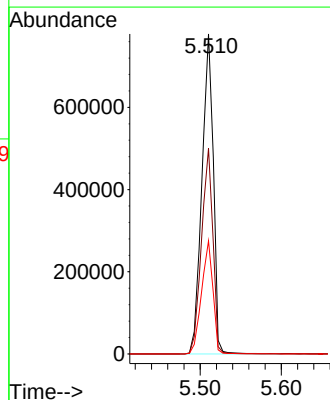
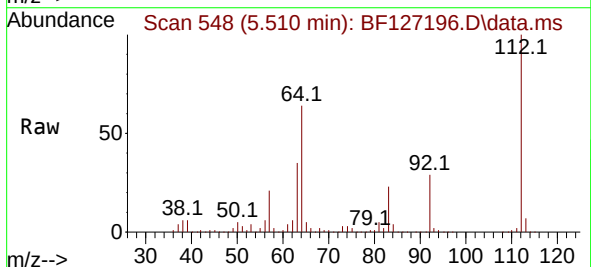
Instrument :
BNA_F
ClientSampleId :
PB143039TB

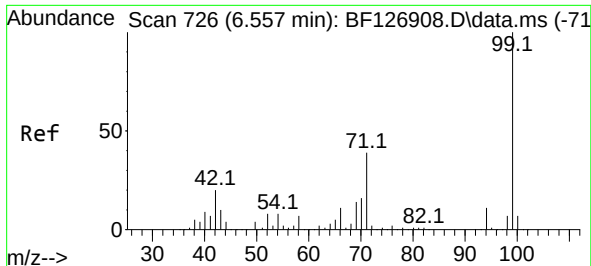
Tgt Ion:152 Resp: 95183
Ion Ratio Lower Upper
152 100
150 156.4 128.1 192.1
115 71.7 56.7 85.1



#5
2-Fluorophenol
Concen: 123.562 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:112 Resp: 760945
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.3 23.9 35.9

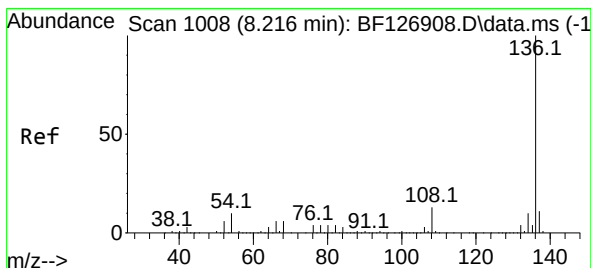
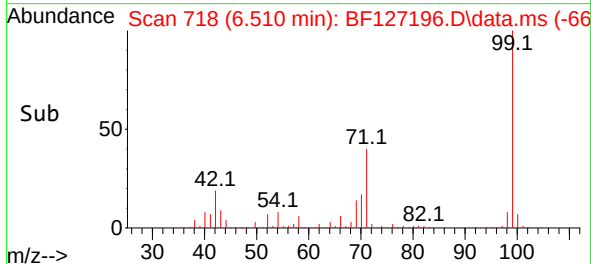
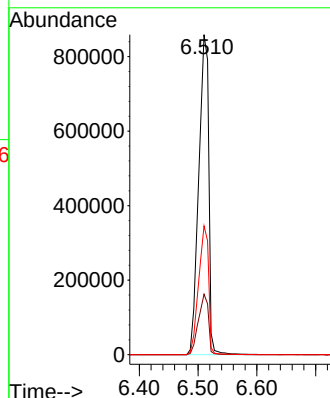
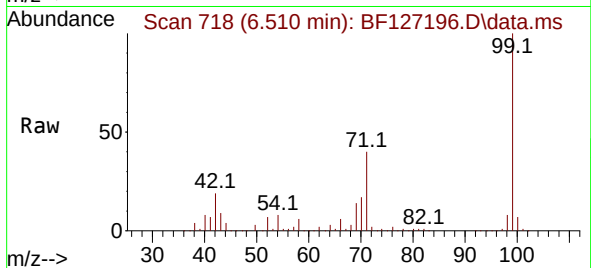




#7
Phenol-d6
Concen: 122.023 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

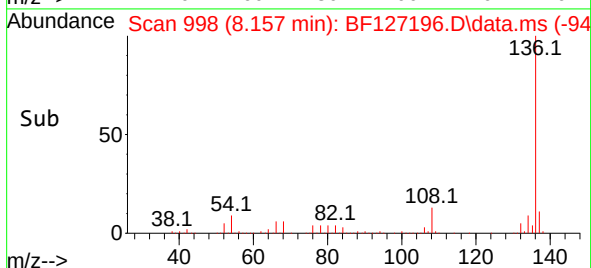
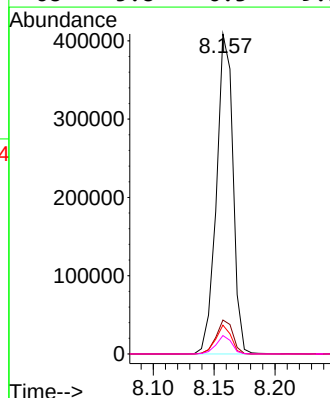
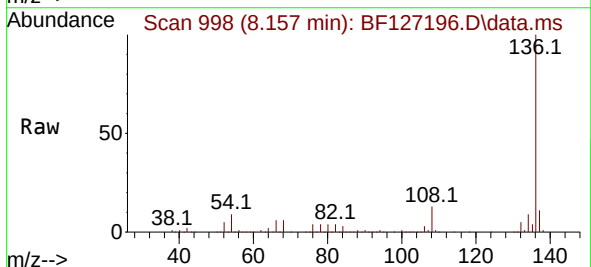
Instrument :
BNA_F
ClientSampleId :
PB143039TB

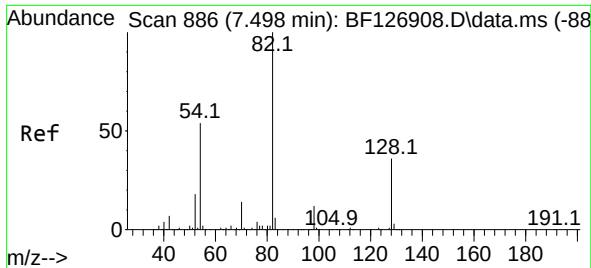
Tgt Ion: 99 Resp: 1013999
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 40.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion: 136 Resp: 387169
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.6
68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 80.114 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB143039TB

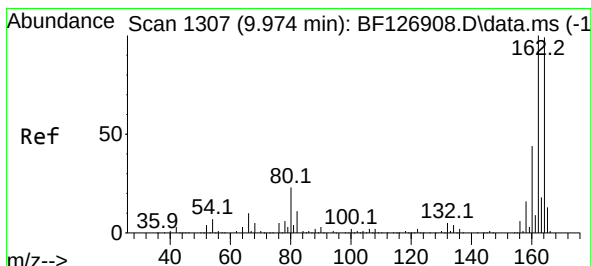
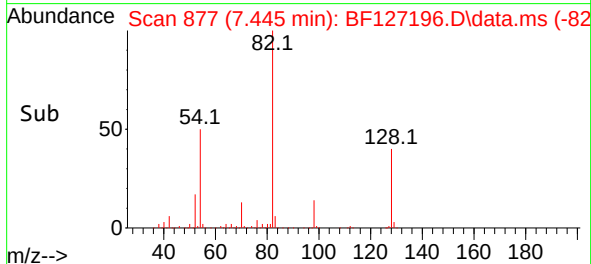
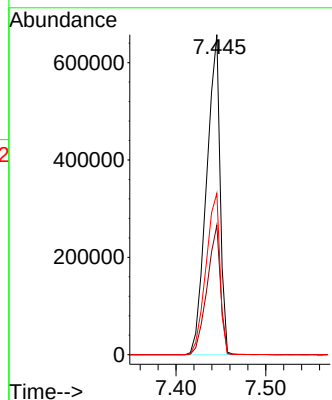
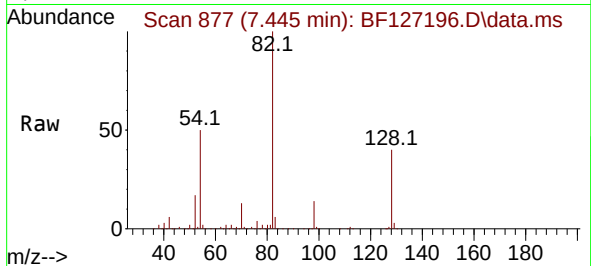
Tgt Ion: 82 Resp: 687186

Ion Ratio Lower Upper

82 100

128 40.4 32.7 49.1

54 50.4 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

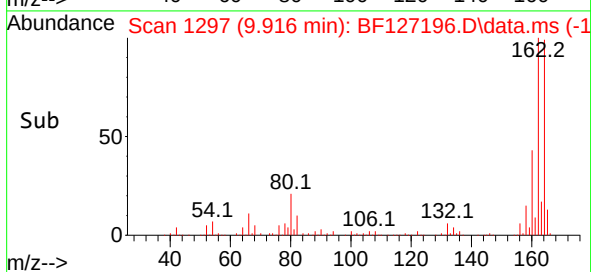
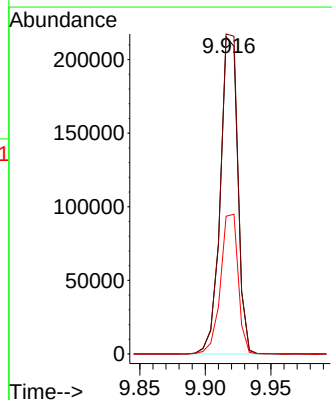
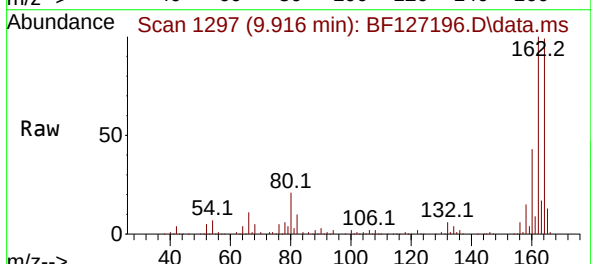
Tgt Ion:164 Resp: 199645

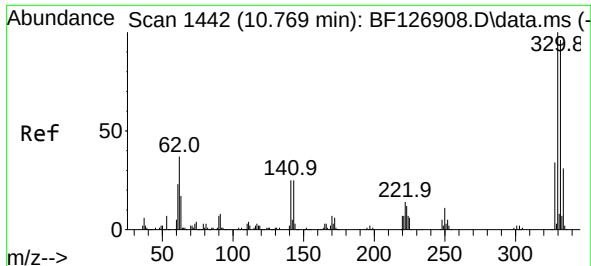
Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 140.162 ng

RT: 10.716 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB143039TB

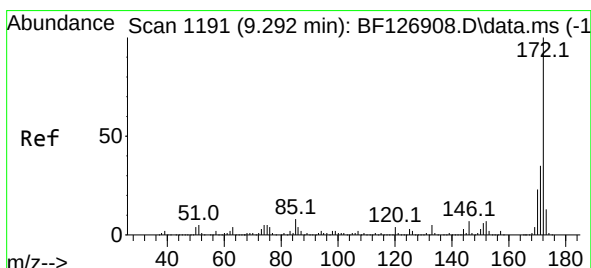
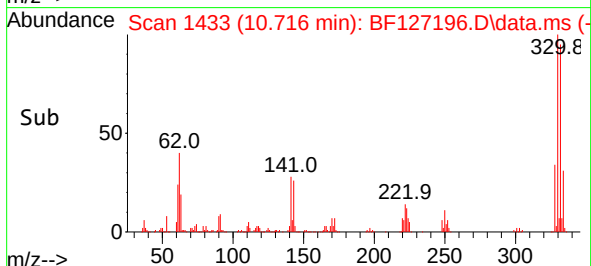
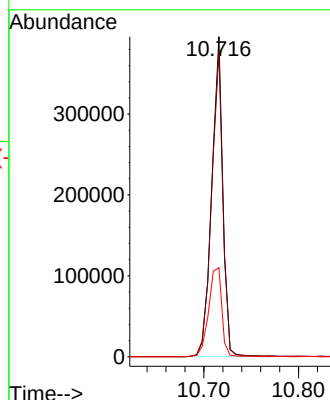
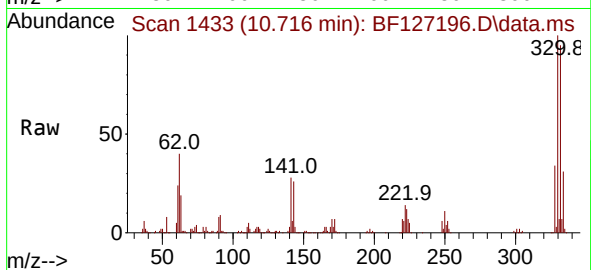
Tgt Ion:330 Resp: 322182

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 33.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.335 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF127196.D

Acq: 04 Mar 2022 12:40

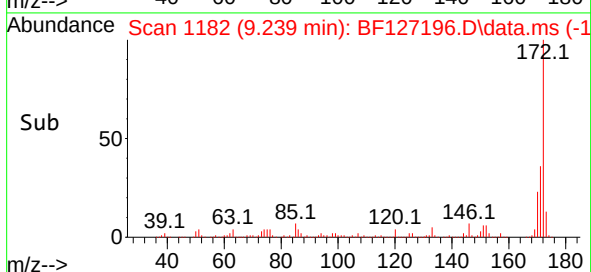
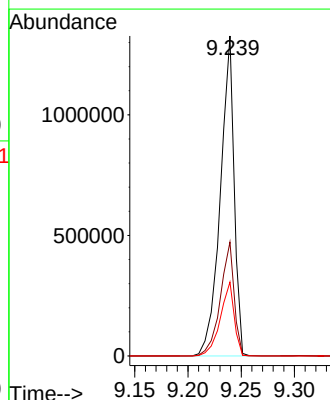
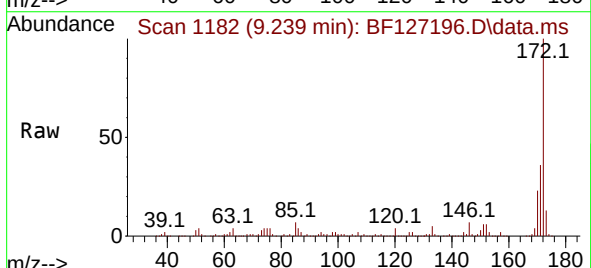
Tgt Ion:172 Resp: 1197941

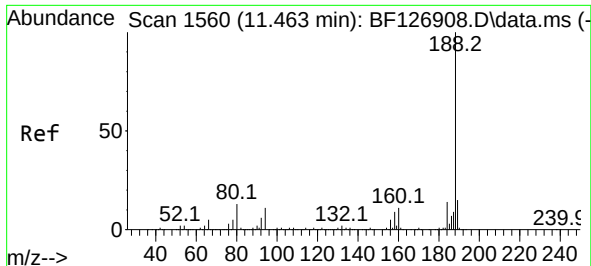
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.1 19.0 28.6

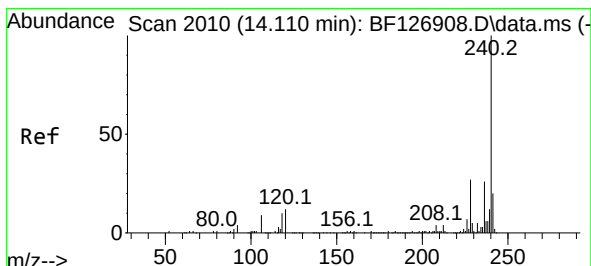
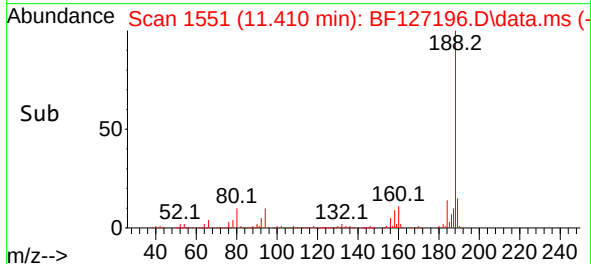
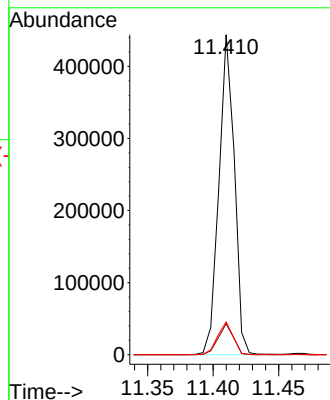
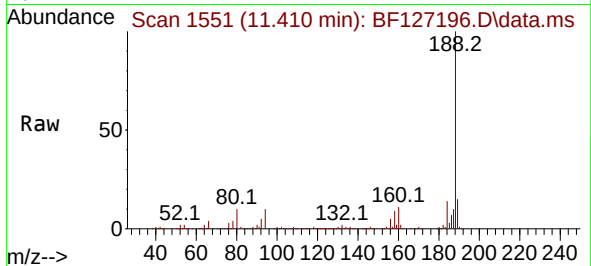




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

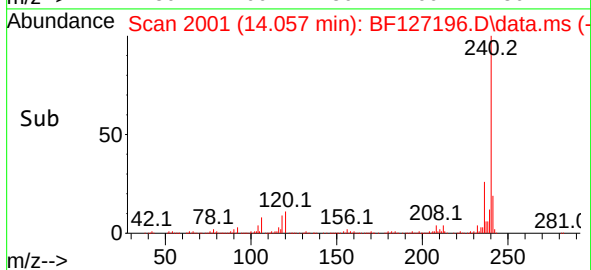
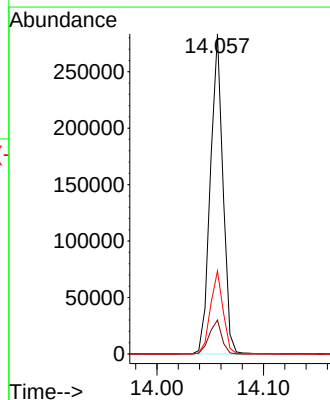
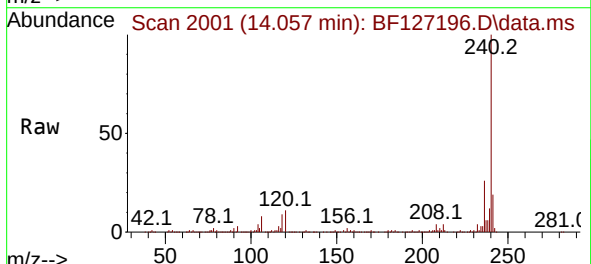
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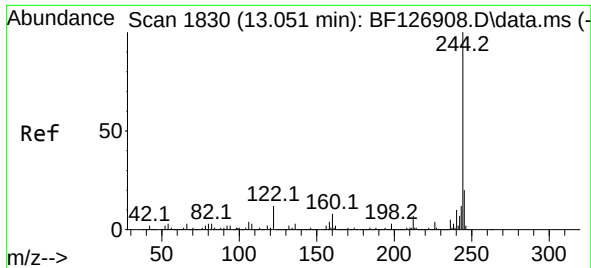
Tgt Ion:188 Resp: 362955
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127196.D
Acq: 04 Mar 2022 12:40

Tgt Ion:240 Resp: 233321
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 25.9 20.5 30.7

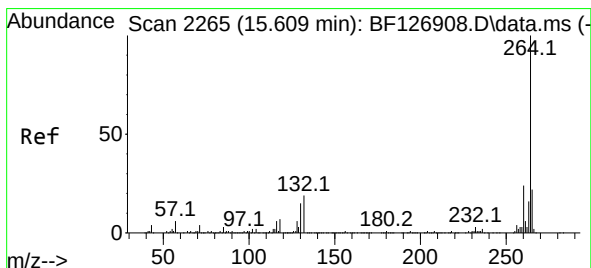
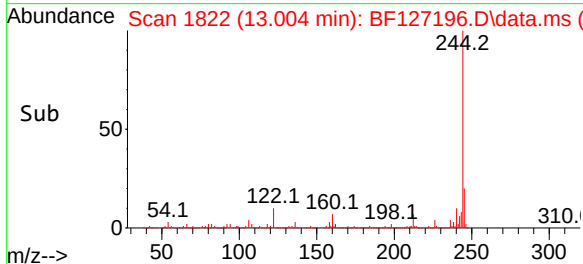
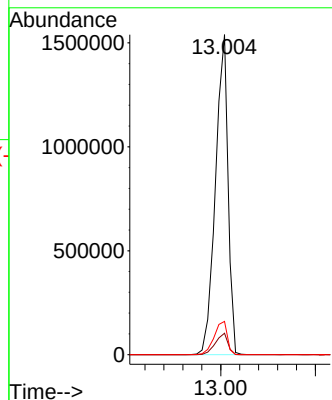
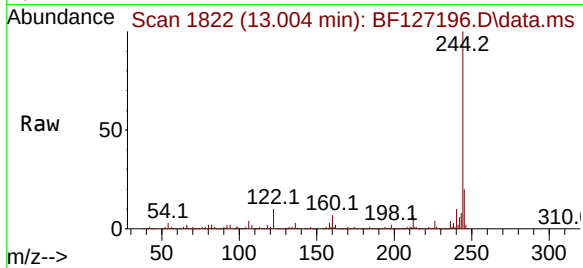




#79
 Terphenyl-d14
 Concen: 88.987 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127196.D
 Acq: 04 Mar 2022 12:40

Instrument :
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 ClientSampleId :
 PB143039TB

Tgt Ion:244 Resp: 1412378
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BF127196.D
 Acq: 04 Mar 2022 12:40

Tgt Ion:264 Resp: 182683
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.2 17.4 26.2

