

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126991.D
 Acq On : 21 Feb 2022 23:37
 Operator : CG\JU
 Sample : N1602-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220077B-BERKELEY-4B-COMP

Quant Time: Feb 22 03:53:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	86949	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	352367	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	182674	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	322236	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	143200	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	163284	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	511252	90.878	ng	0.00
7) Phenol-d6	6.534	99	668922	88.120	ng	-0.01
23) Nitrobenzene-d5	7.475	82	470909	60.322	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	139288	66.225	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	746301	60.144	ng	0.00
79) Terphenyl-d14	13.027	244	697470	71.600	ng	-0.01

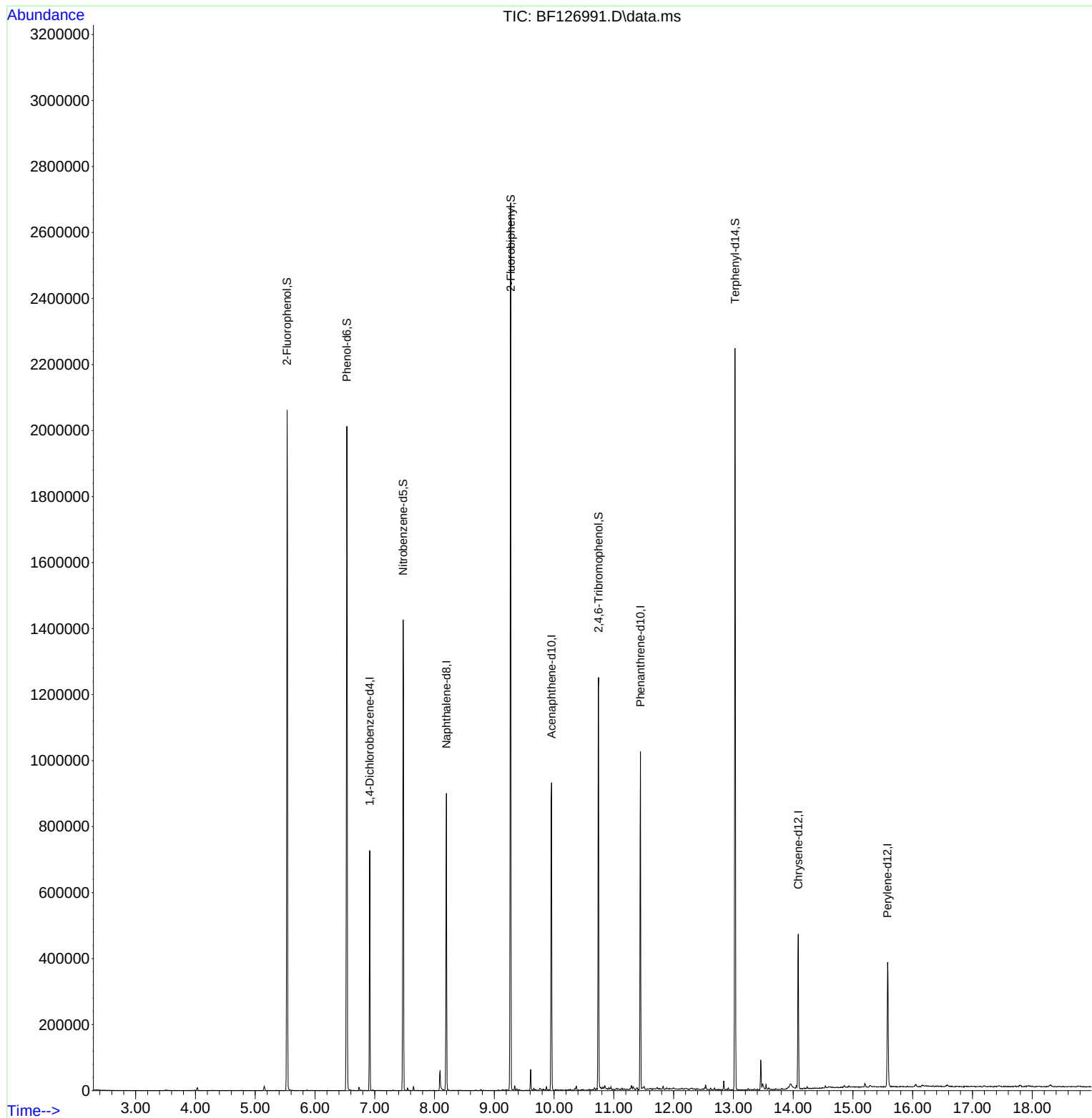
Target Compounds	Qvalue

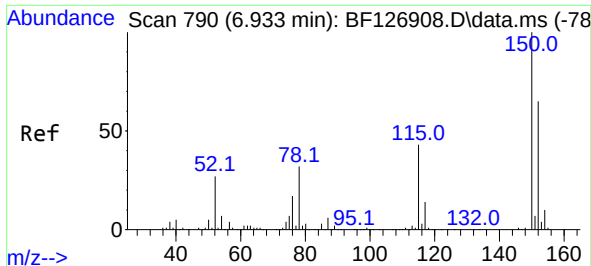
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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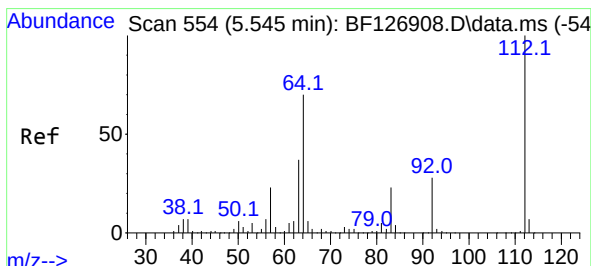
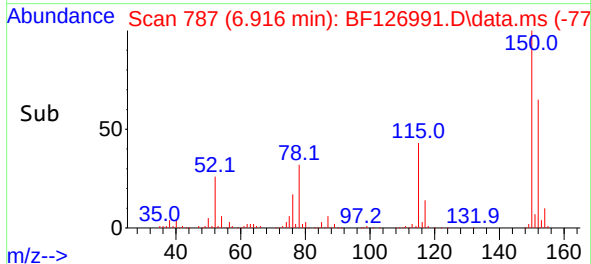
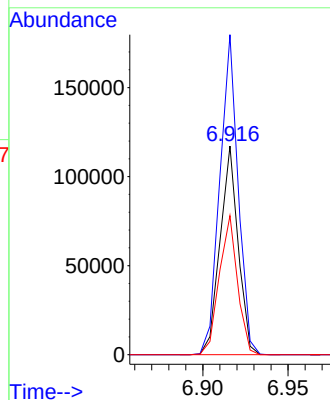
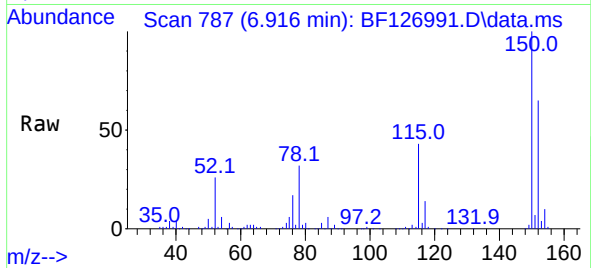




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

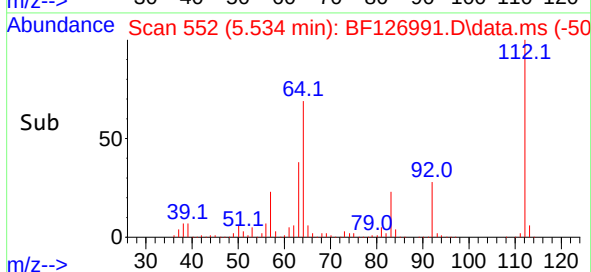
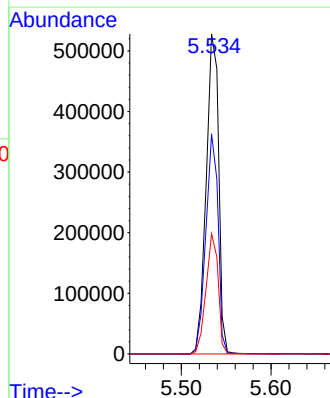
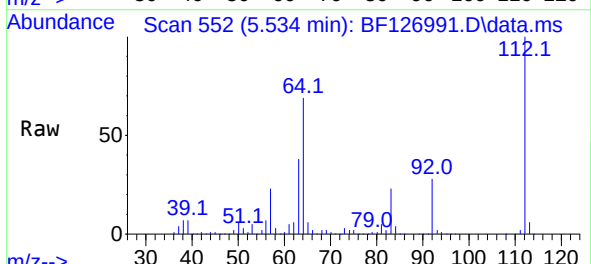
Instrument :
BNA_F
ClientSampleId :
20220077B-BERKELEY-4B-COMP

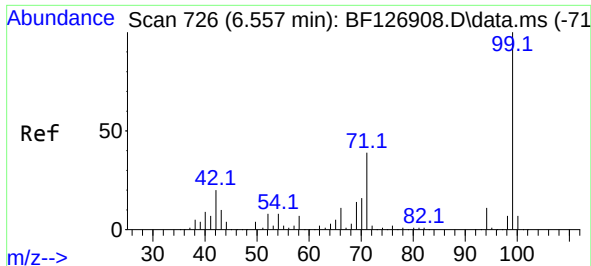
Tgt Ion:152 Resp: 86949
Ion Ratio Lower Upper
152 100
150 153.4 128.1 192.1
115 66.6 56.7 85.1



#5
2-Fluorophenol
Concen: 90.878 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

Tgt Ion:112 Resp: 511252
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.6 23.9 35.9#

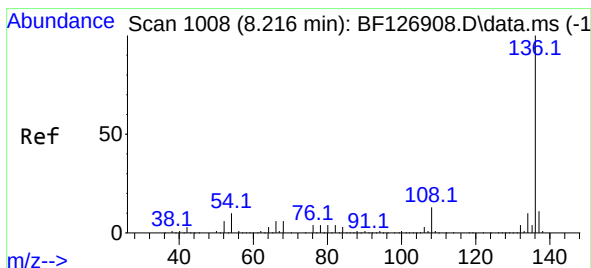
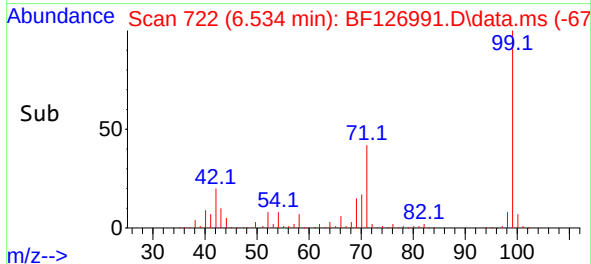
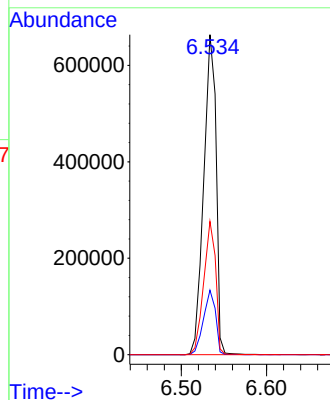
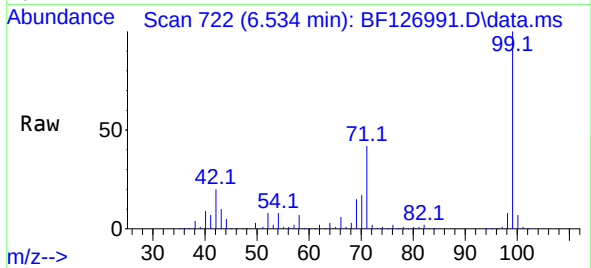




#7
Phenol-d6
Concen: 88.120 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

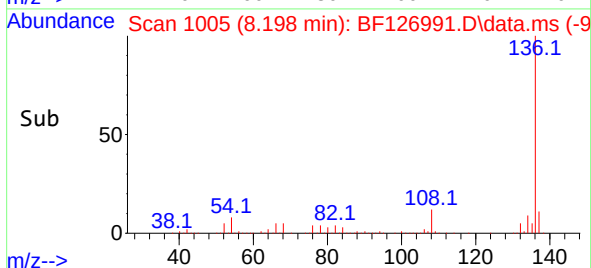
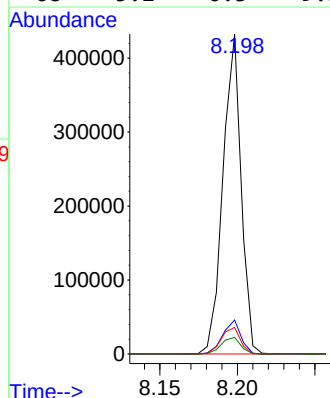
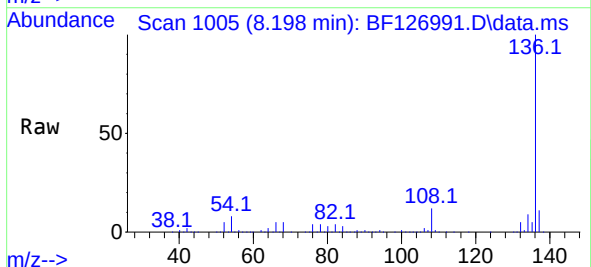
Instrument :
BNA_F
ClientSampleId :
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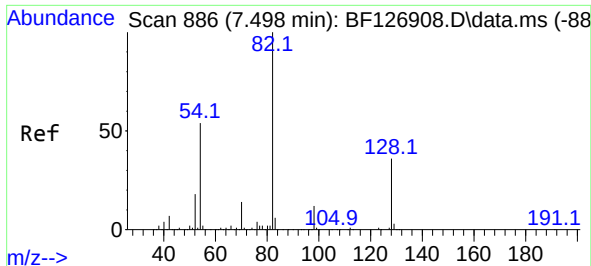
Tgt Ion: 99 Resp: 668922
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 41.6 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

Tgt Ion: 136 Resp: 352367
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 7.8 11.6
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 60.322 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF126991.D

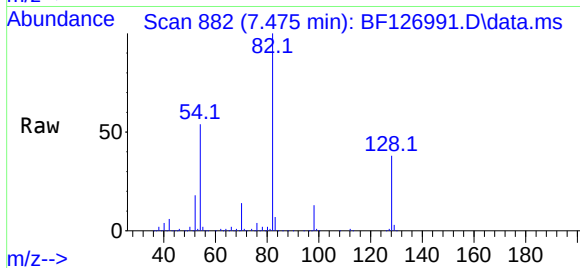
Acq: 21 Feb 2022 23:37

Instrument :

BNA_F

ClientSampleId :

20220077B-BERKELEY-4B-COMP



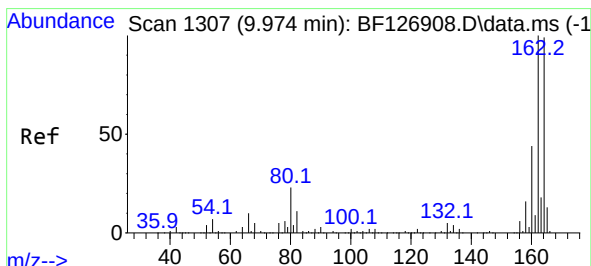
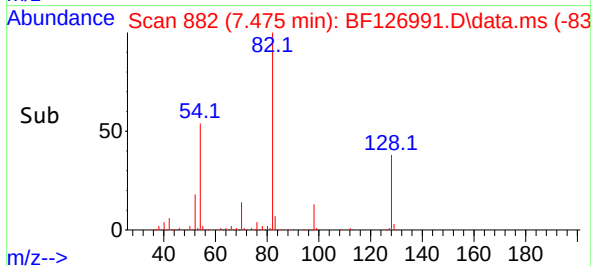
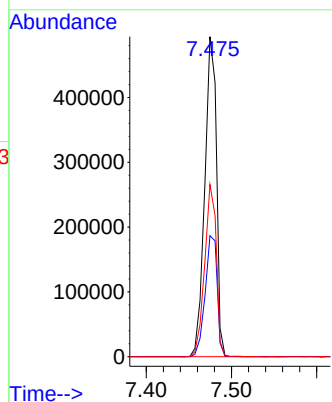
Tgt Ion: 82 Resp: 470909

Ion Ratio Lower Upper

82 100

128 37.8 32.7 49.1

54 53.8 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF126991.D

Acq: 21 Feb 2022 23:37

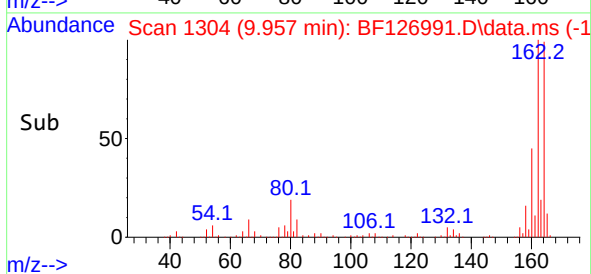
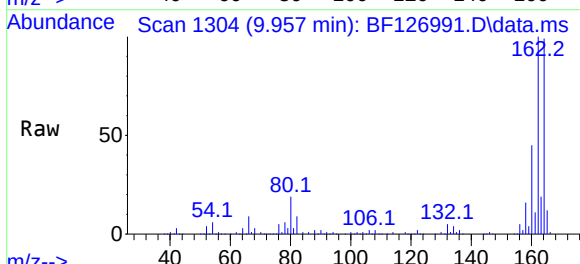
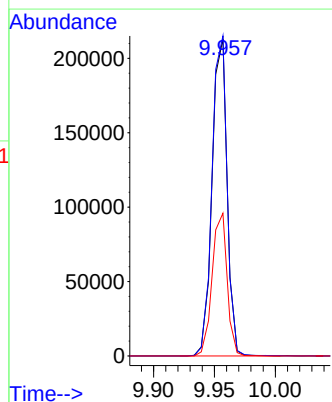
Tgt Ion: 164 Resp: 182674

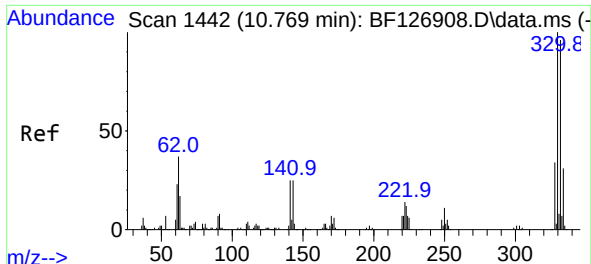
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 45.0 36.6 54.8

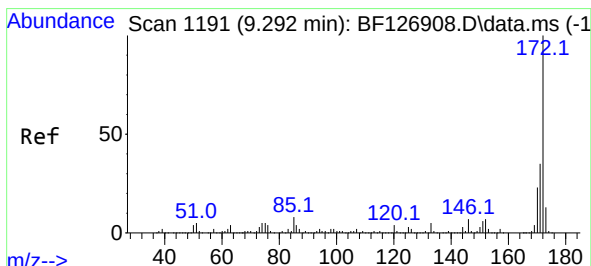
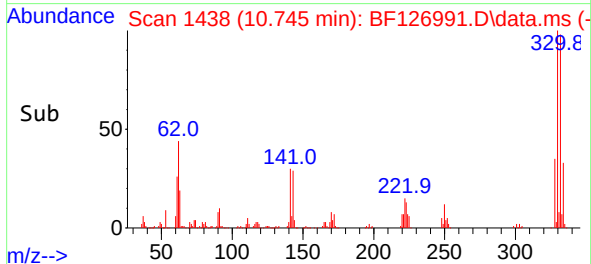
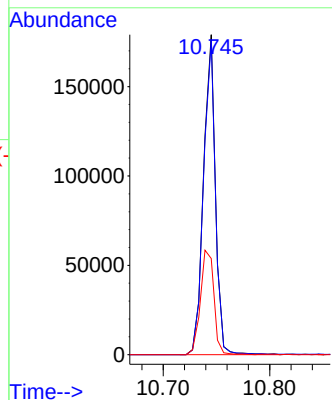
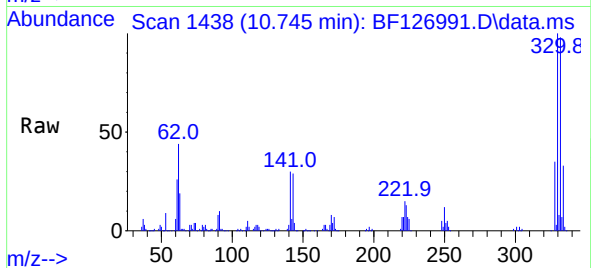




#42
2,4,6-Tribromophenol
Concen: 66.225 ng
RT: 10.745 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

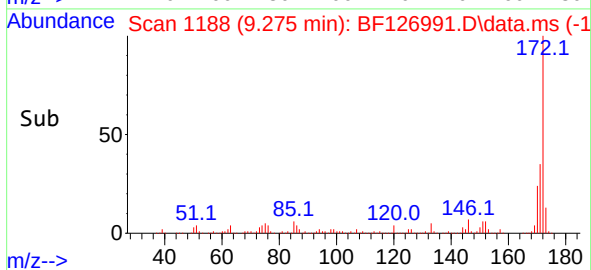
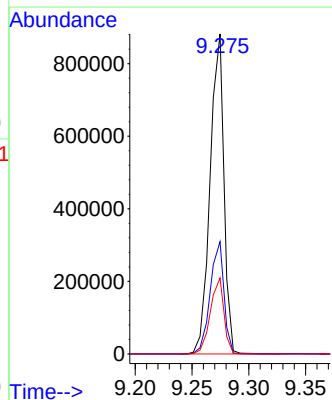
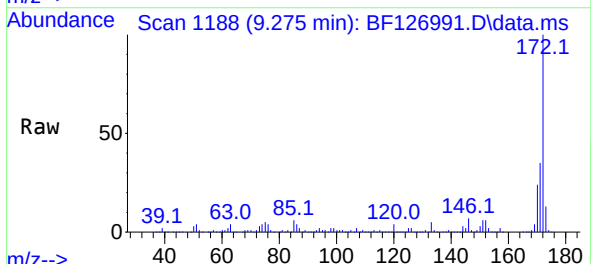
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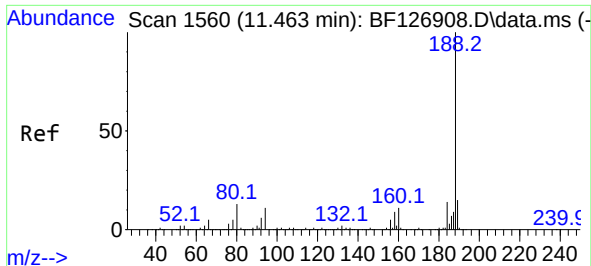
Tgt Ion:330 Resp: 139288
Ion Ratio Lower Upper
330 100
332 98.5 76.0 114.0
141 37.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 60.144 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

Tgt Ion:172 Resp: 746301
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6

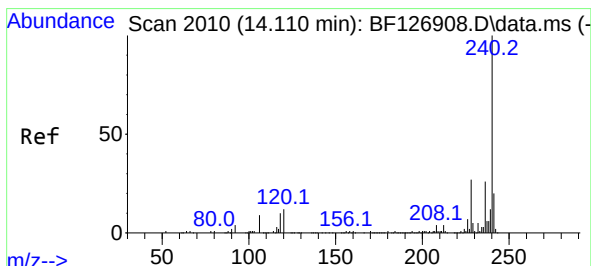
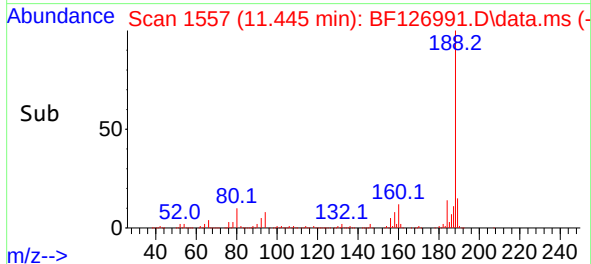
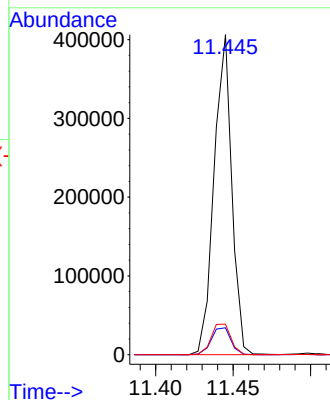
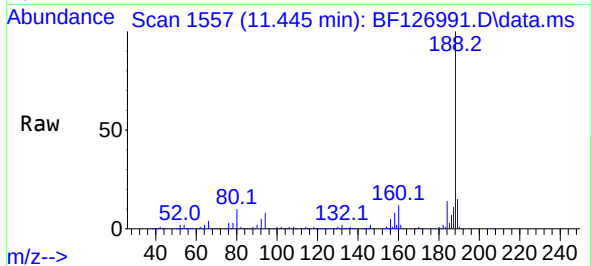




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

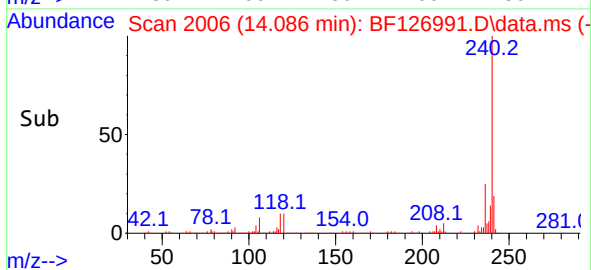
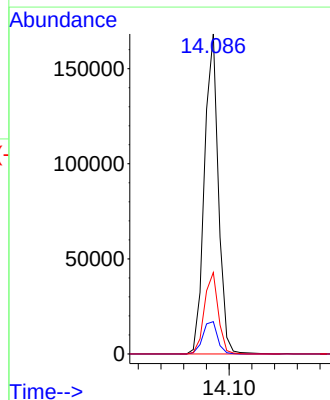
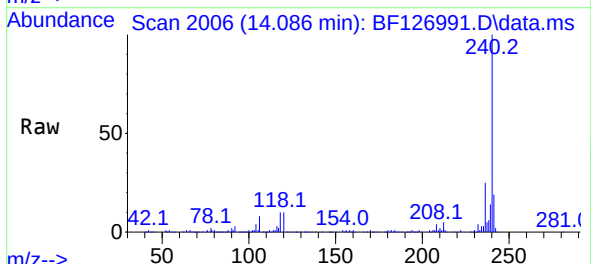
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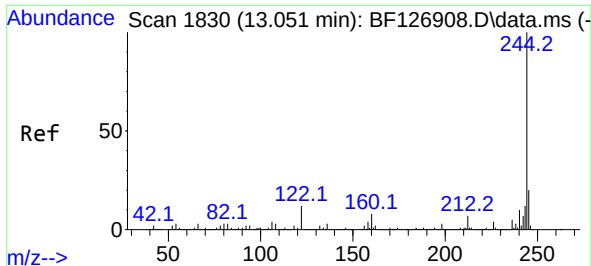
Tgt Ion:188 Resp: 322236
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126991.D
Acq: 21 Feb 2022 23:37

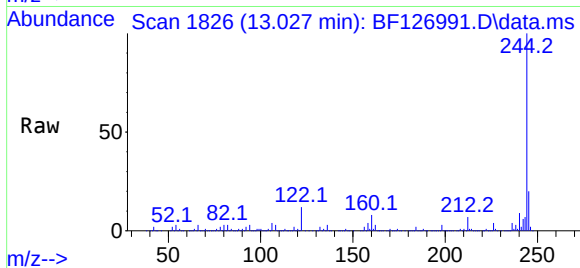
Tgt Ion:240 Resp: 143200
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.5 20.5 30.7



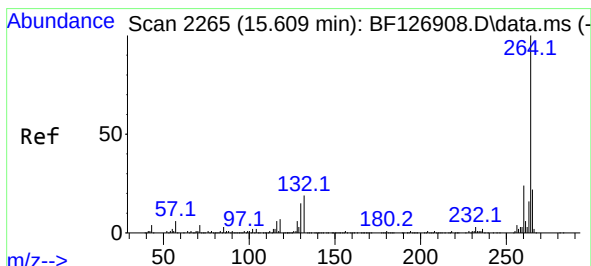
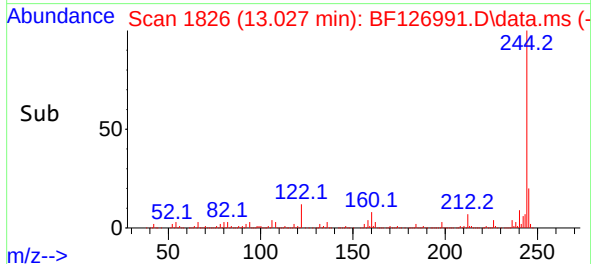
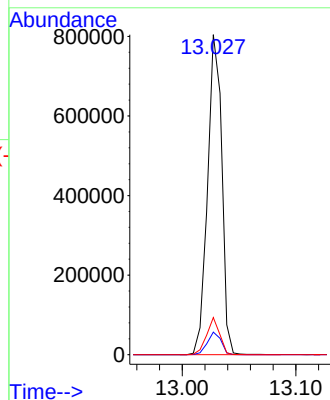


#79
 Terphenyl-d14
 Concen: 71.600 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.012 min
 Lab File: BF126991.D
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Tgt Ion:244 Resp: 697470
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF126991.D
 Acq: 21 Feb 2022 23:37

Tgt Ion:264 Resp: 163284
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.4 26.2

