

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130039.D
 Acq On : 29 Aug 2022 17:39
 Operator : CG\JU
 Sample : N4379-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Aug 30 01:29:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	122946	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	491699	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	266832	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	461567	20.000	ng	0.00
76) Chrysene-d12	13.869	240	239814	20.000	ng	0.00
86) Perylene-d12	15.298	264	242089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	508145	68.431	ng	0.01
7) Phenol-d6	6.369	99	438746	47.182	ng	0.00
23) Nitrobenzene-d5	7.275	82	892800	97.200	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	384841	143.701	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1667026	94.887	ng	0.00
79) Terphenyl-d14	12.810	244	1751740	121.543	ng	0.00

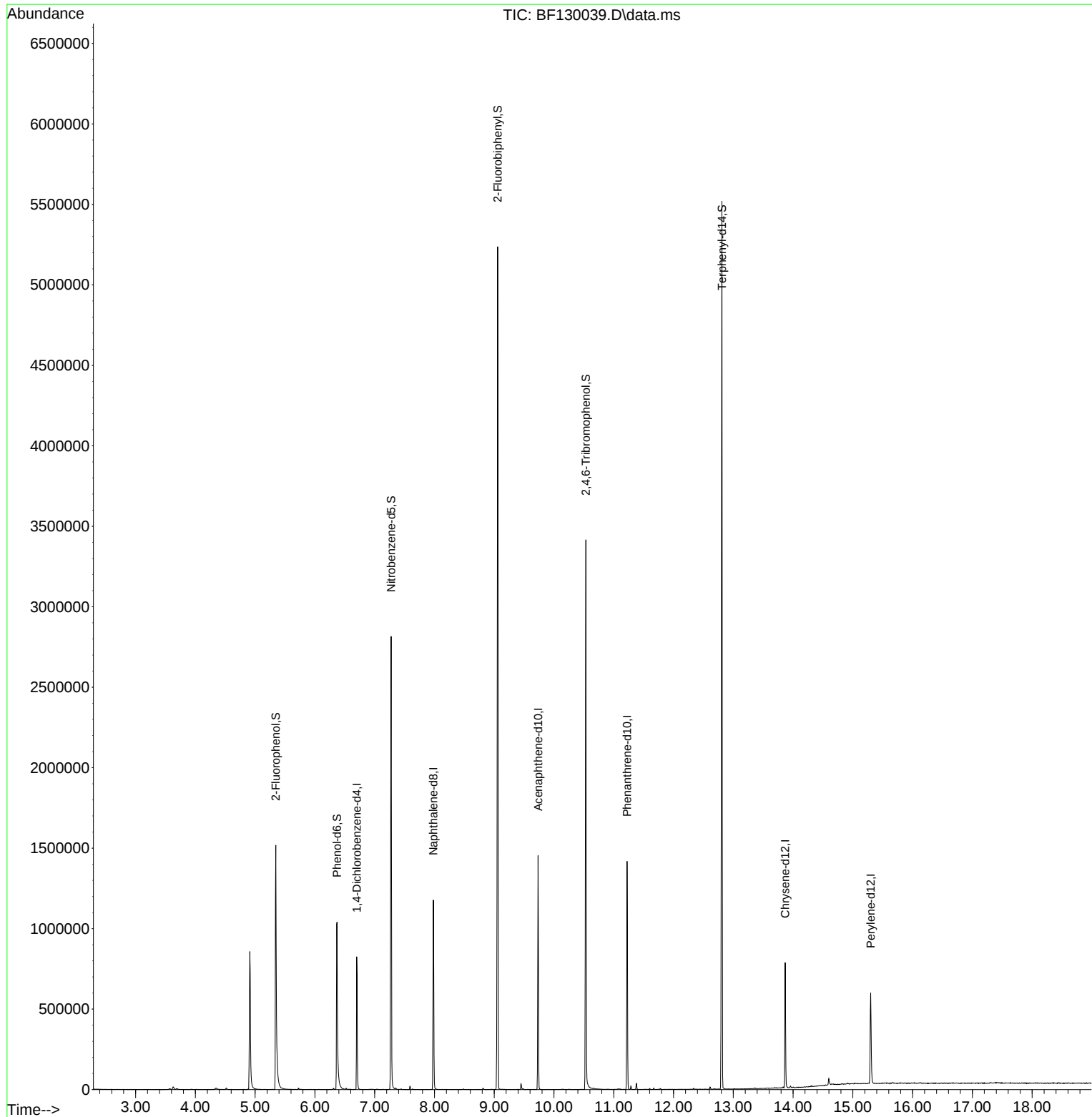
Target Compounds	Qvalue

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

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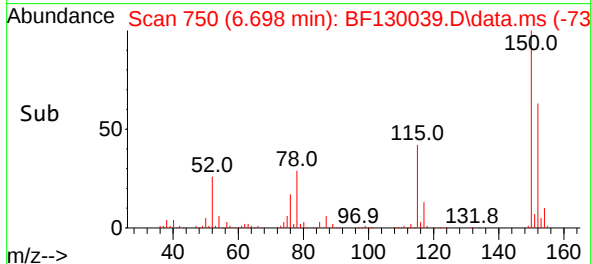
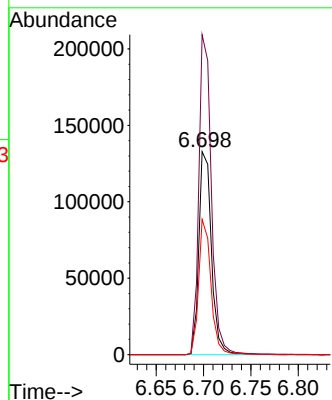
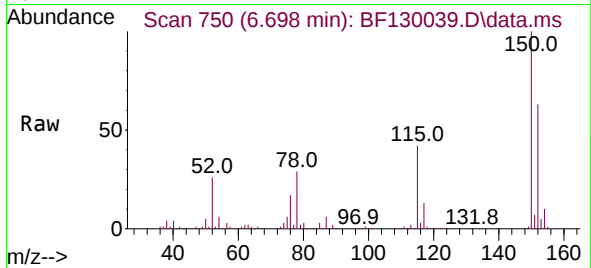




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

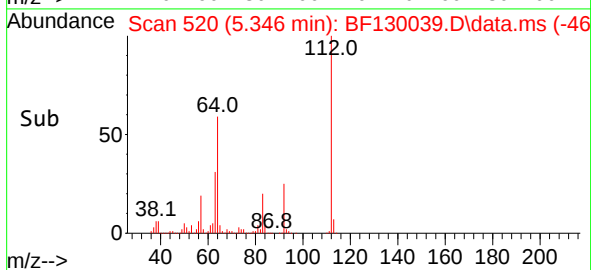
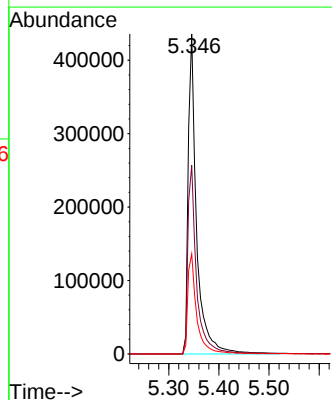
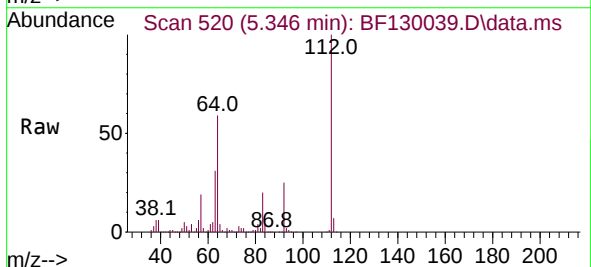
Instrument :
BNA_F
ClientSampleId :
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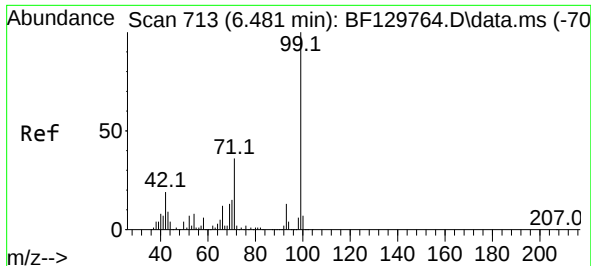
Tgt Ion:152 Resp: 122946
Ion Ratio Lower Upper
152 100
150 157.7 126.9 190.3
115 66.6 53.4 80.0



#5
2-Fluorophenol
Concen: 68.431 ng
RT: 5.346 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion:112 Resp: 508145
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 31.2 24.6 37.0

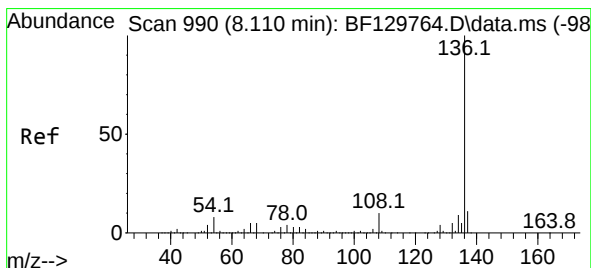
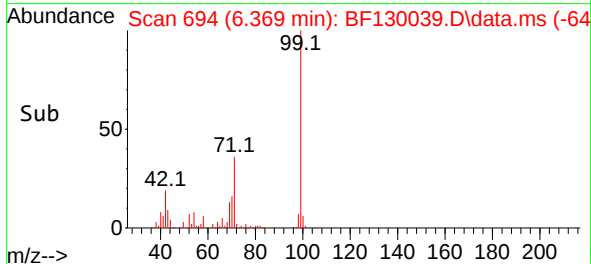
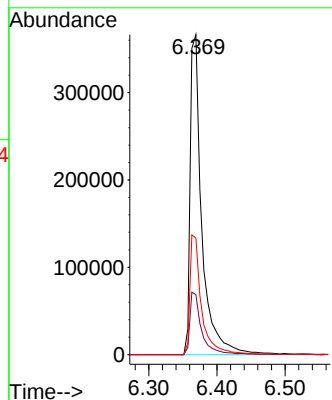
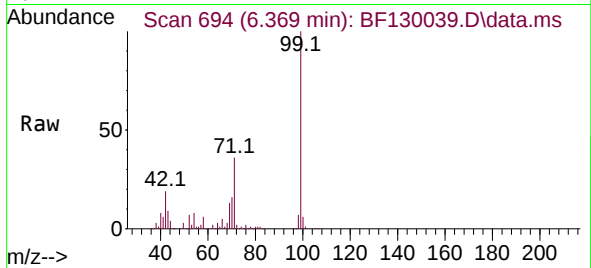




#7
Phenol-d6
Concen: 47.182 ng
RT: 6.369 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

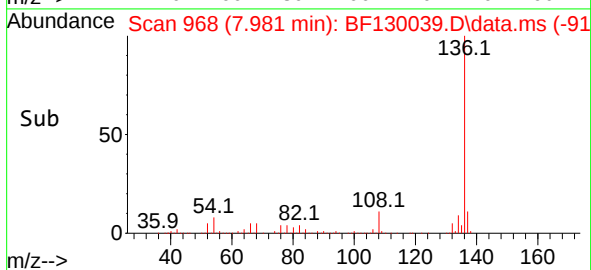
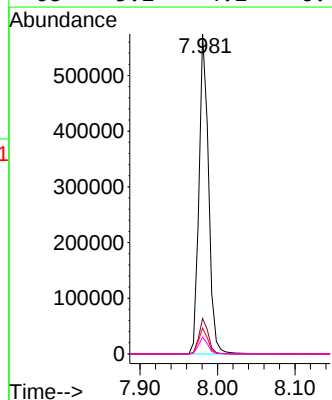
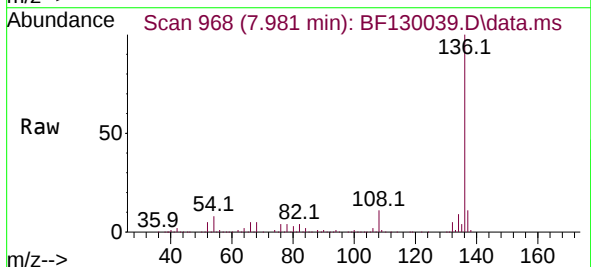
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion: 99 Resp: 438746
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion: 136 Resp: 491699
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.2 4.2 6.4

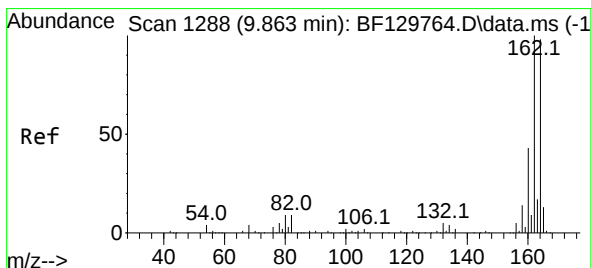
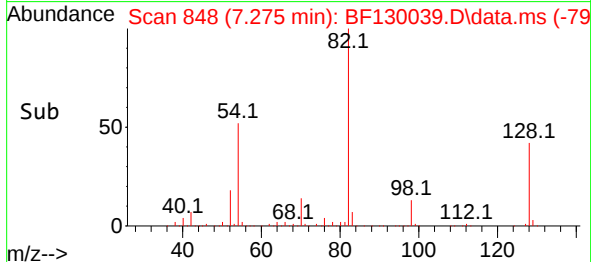
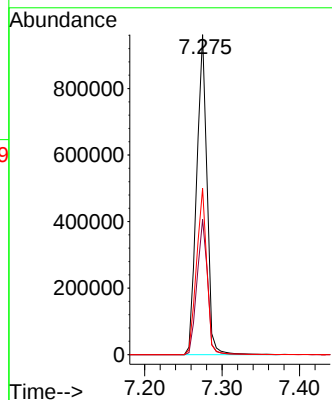
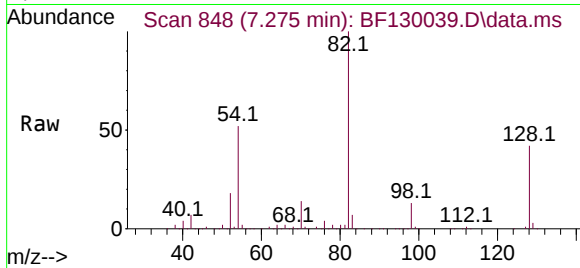




#23
Nitrobenzene-d5
Concen: 97.200 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

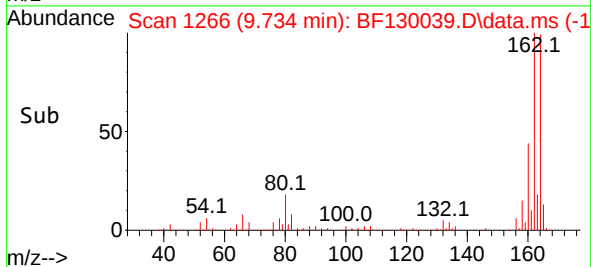
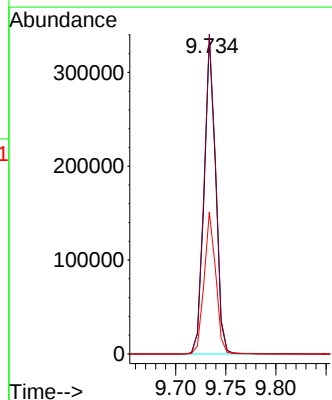
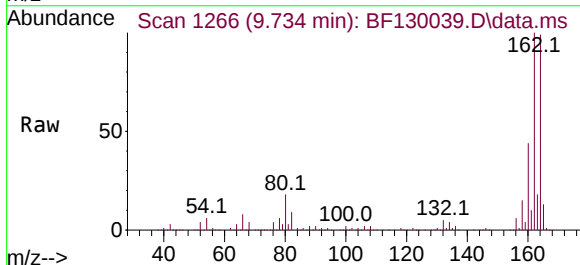
Instrument :
BNA_F
ClientSampleId :
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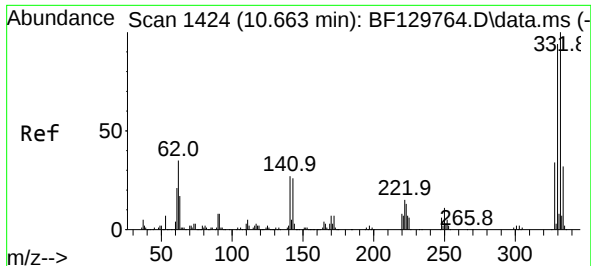
Tgt Ion: 82 Resp: 892800
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 52.0 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion:164 Resp: 266832
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 143.701 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130039.D

Acq: 29 Aug 2022 17:39

Instrument :

BNA_F

ClientSampleId :

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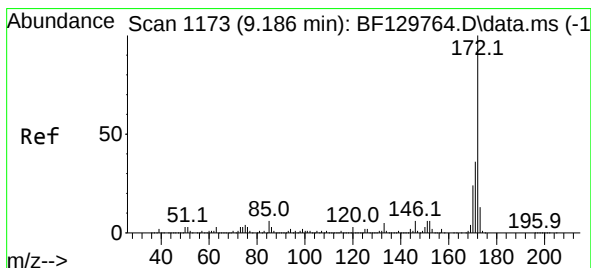
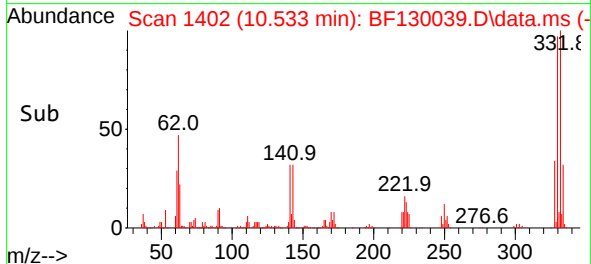
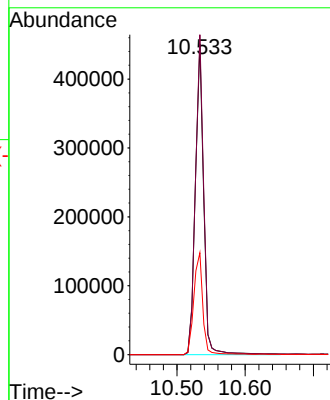
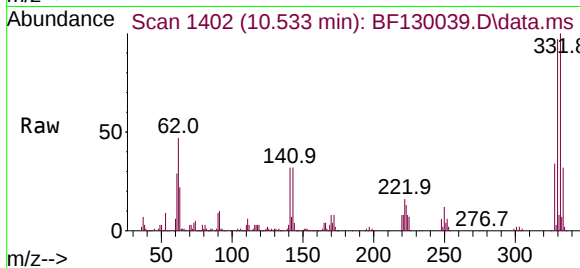
Tgt Ion:330 Resp: 384841

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 35.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 94.887 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130039.D

Acq: 29 Aug 2022 17:39

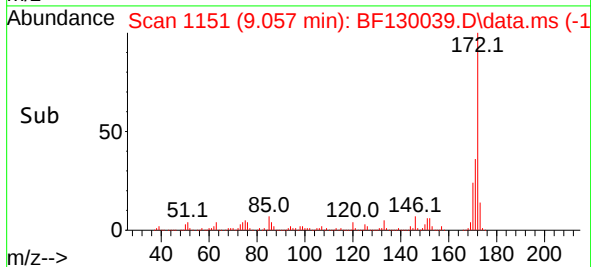
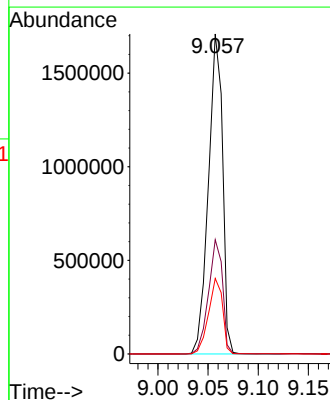
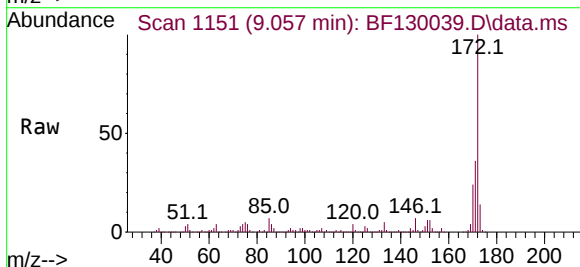
Tgt Ion:172 Resp: 1667026

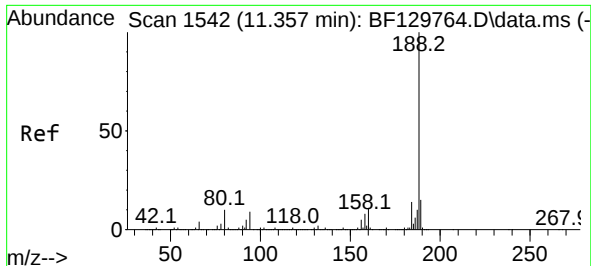
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.1 28.7

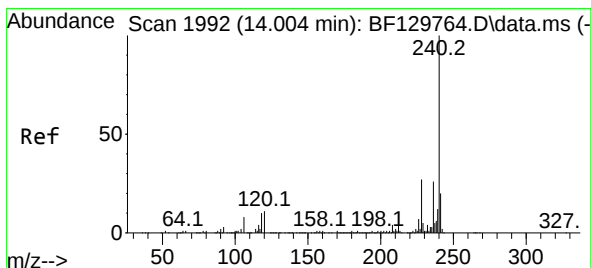
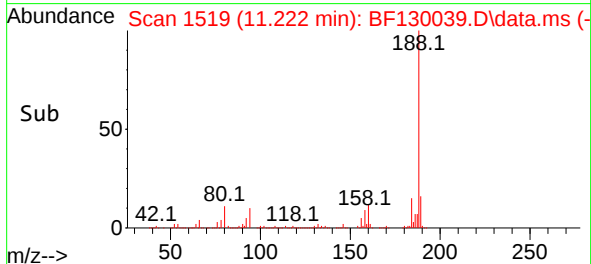
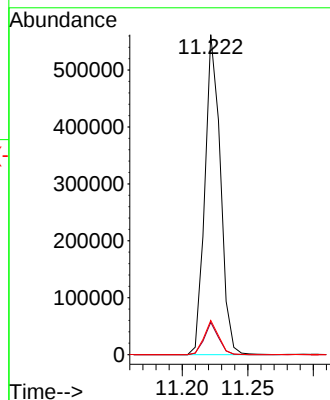
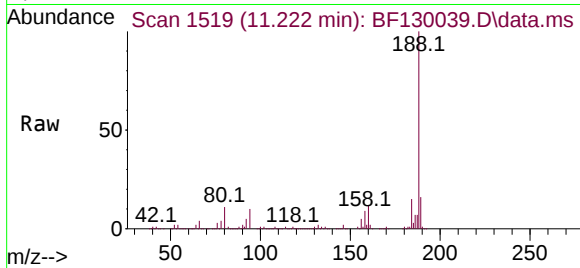




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

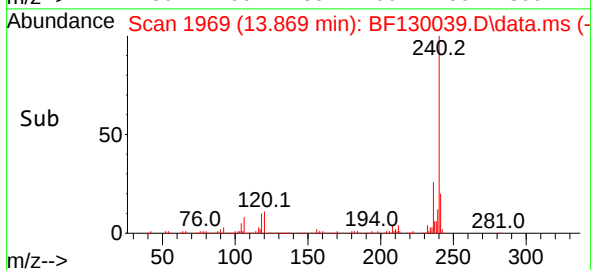
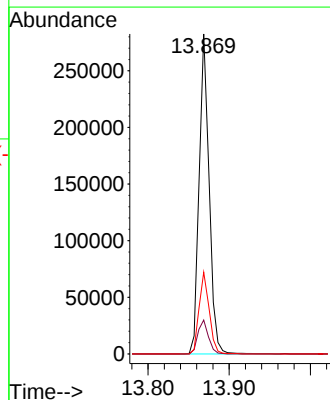
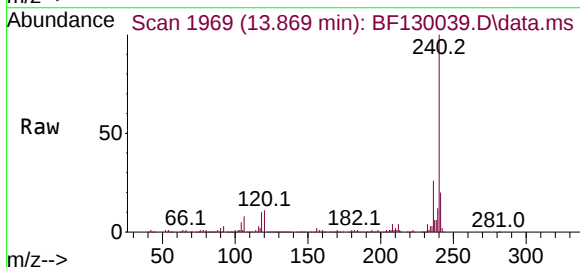
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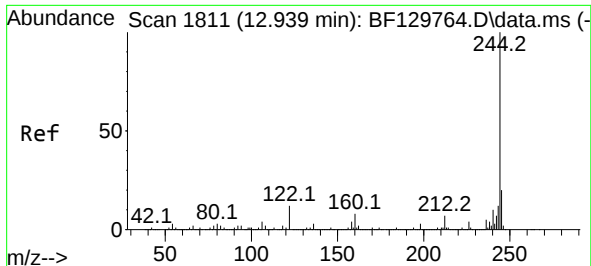
Tgt Ion:188 Resp: 461567
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion:240 Resp: 239814
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.7 31.1

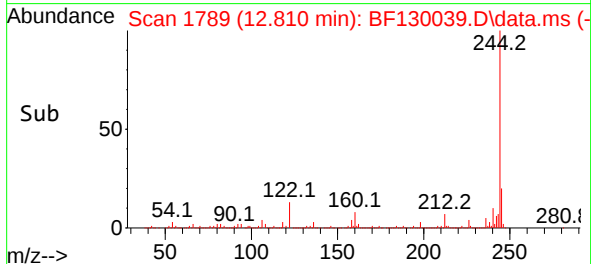
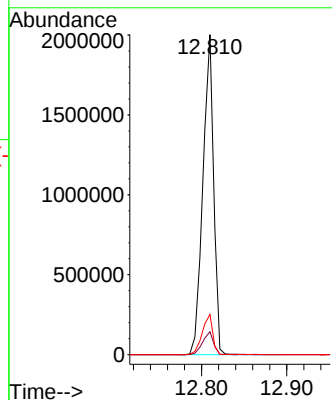
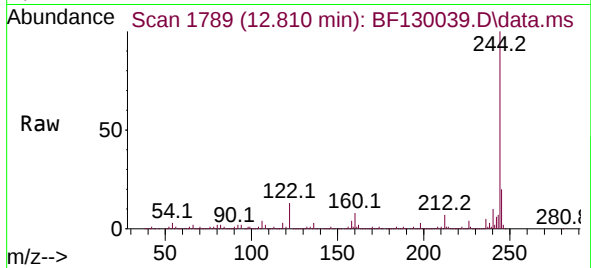




#79
 Terphenyl-d14
 Concen: 121.543 ng
 RT: 12.810 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BF130039.D
 Acq: 29 Aug 2022 17:39

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:244 Resp: 1751740
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130039.D
 Acq: 29 Aug 2022 17:39

Tgt Ion:264 Resp: 242089
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 16.7 25.1

