

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)

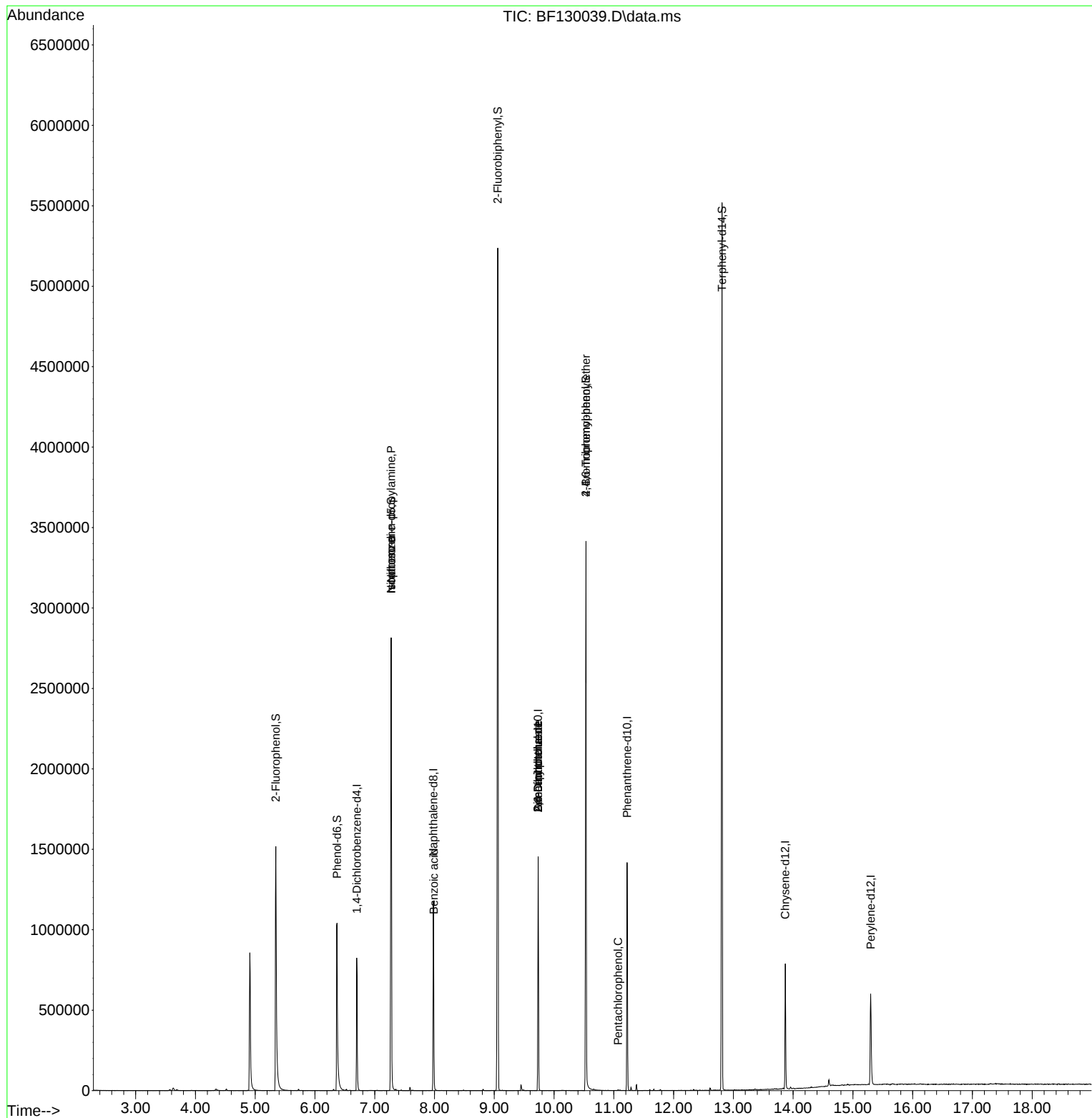
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	122946	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	491699	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	266832	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	461567	20.000	ng	0.00
76) Chrysene-d12	13.869	240	239814	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.316	77	677	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.275	70	120756	20.545 ng	#	76
25) Isophorone	7.275	82	892800	56.474 ng	#	65
32) Benzoic acid	7.987	122	131	2.208 ng	#	1
50) Dimethylphthalate	9.734	163	46799	2.447 ng	#	1
51) 2,6-Dinitrotoluene	9.734	165	33958	8.184 ng	#	23
57) 2,4-Dinitrotoluene	9.734	165	33958	6.304 ng	#	18
67) 4-Bromophenyl-phenylether	10.533	248	24704	4.570 ng	#	1
70) Pentachlorophenol	11.069	266	348	5.367 ng	#	1
77) Benzidine	12.810	184	25263	Below Cal	#	92

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

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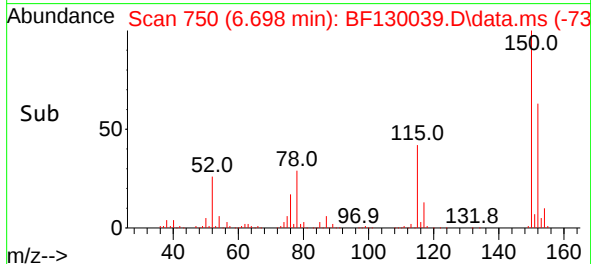
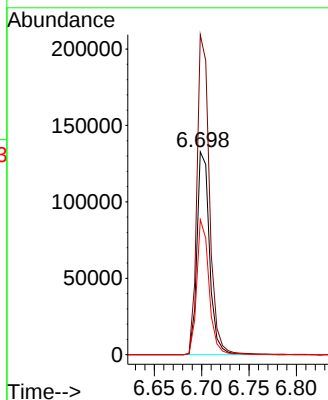
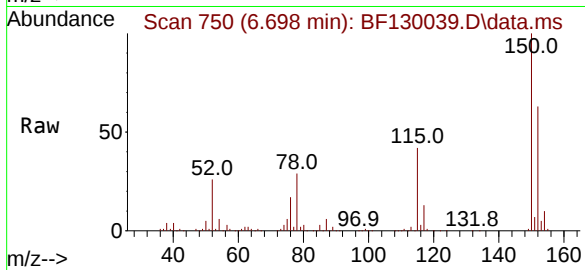




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130039.D
 Acq: 29 Aug 2022 17:39

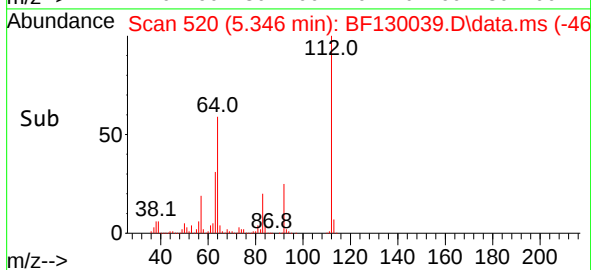
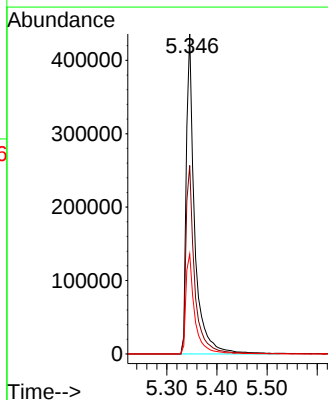
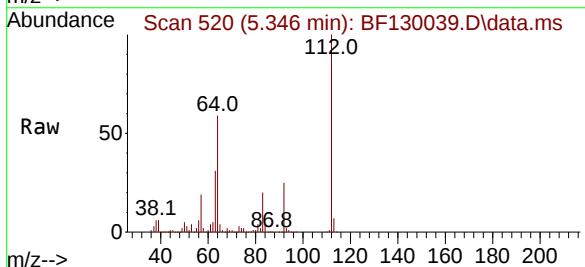
Instrument :
 BNA_F
 ClientSampleId :
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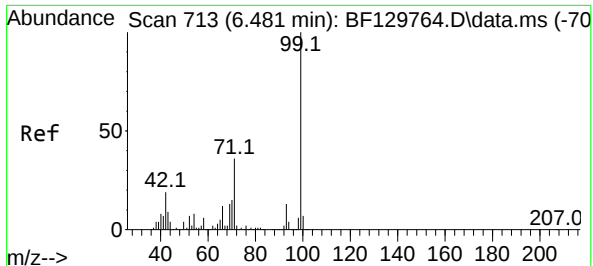
Tgt Ion:152 Resp: 122946
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.9 190.3
 115 66.6 53.4 80.0



#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

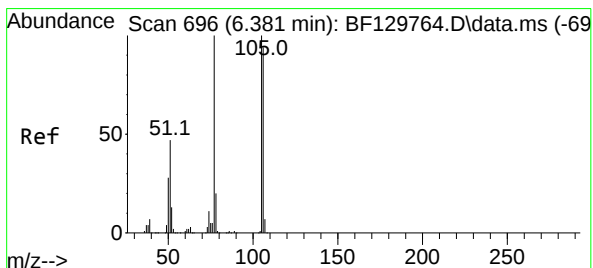
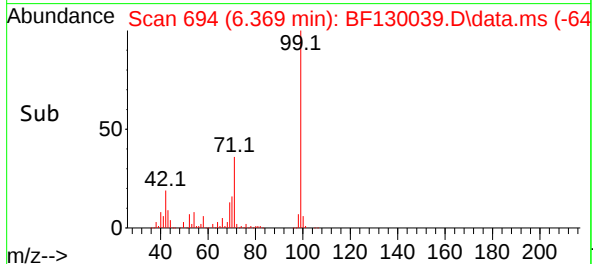
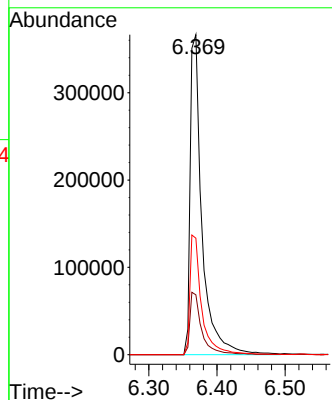
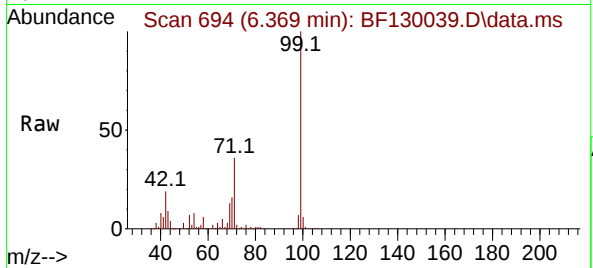




#7
Phenol-d6
Concen: 47.182 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

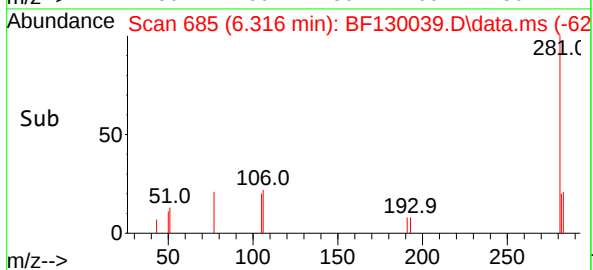
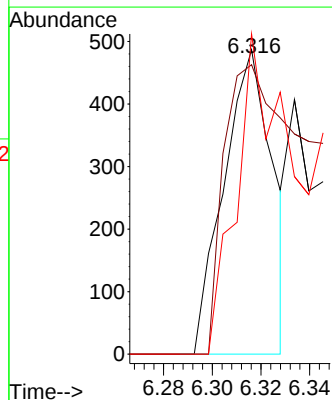
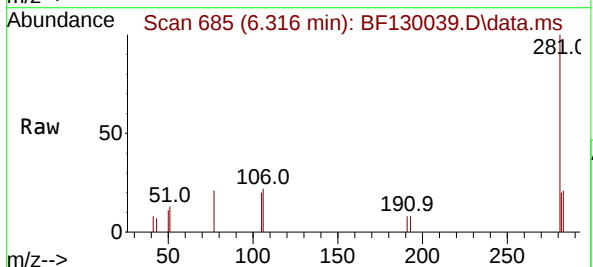
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

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



#9
Benzaldehyde
Concen: Below Cal
RT: 6.316 min Scan# 685
Delta R.T. 0.053 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion: 77 Resp: 677
Ion Ratio Lower Upper
77 100
105 95.1 80.3 120.3
106 105.1 74.3 114.3

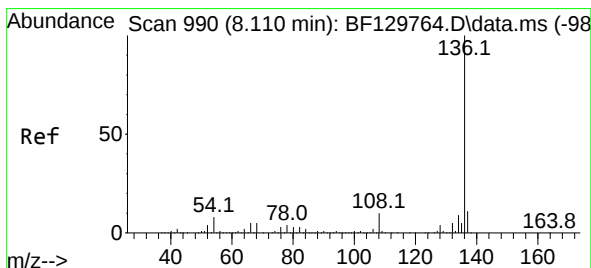
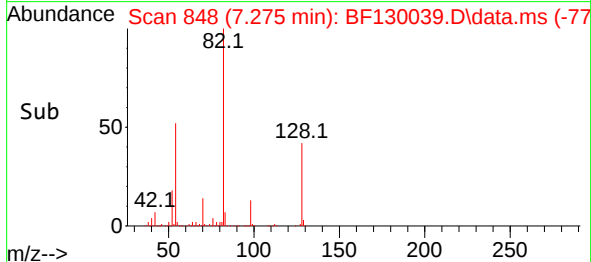
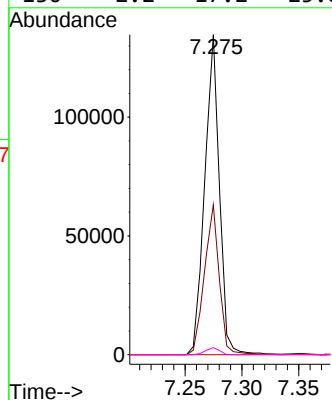
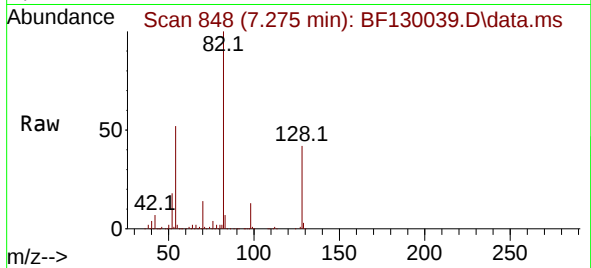




#19
n-Nitroso-di-n-propylamine
Concen: 20.545 ng
RT: 7.275 min Scan# 842
Delta R.T. 0.147 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

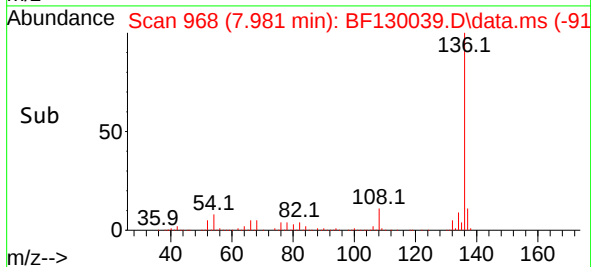
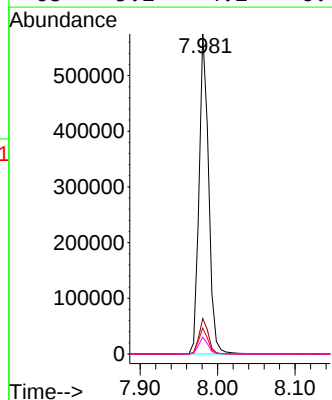
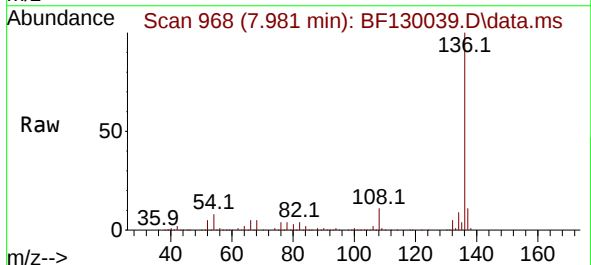
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion: 70 Resp: 120756
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#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

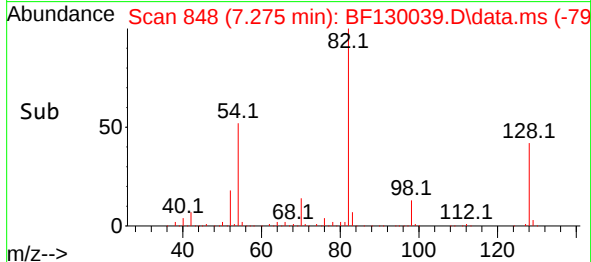
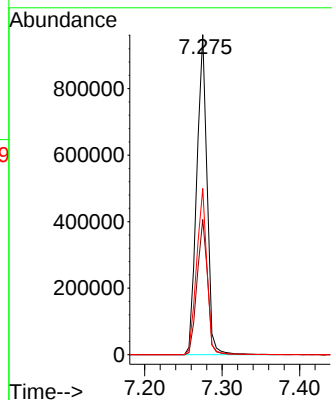
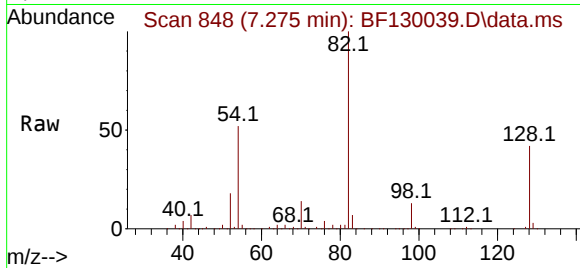




#23
Nitrobenzene-d5
Concen: 97.200 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

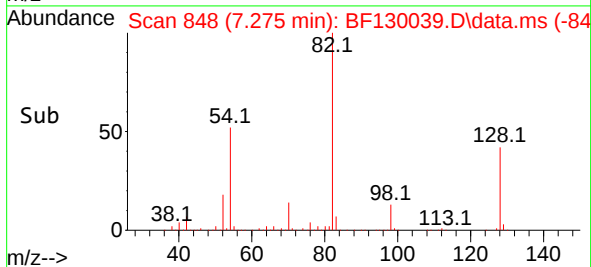
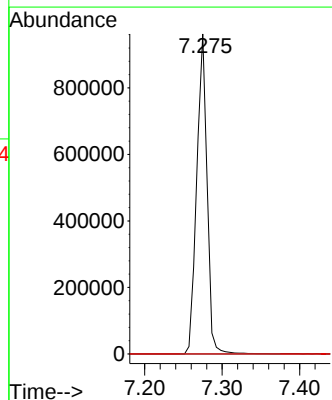
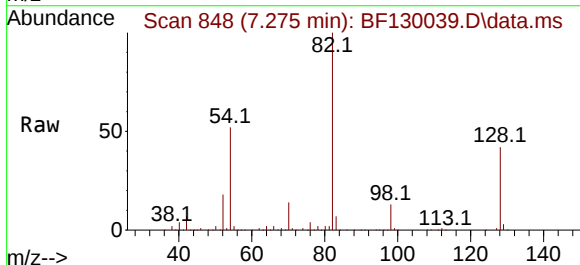
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

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



#25
Isophorone
Concen: 56.474 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion: 82 Resp: 892800
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

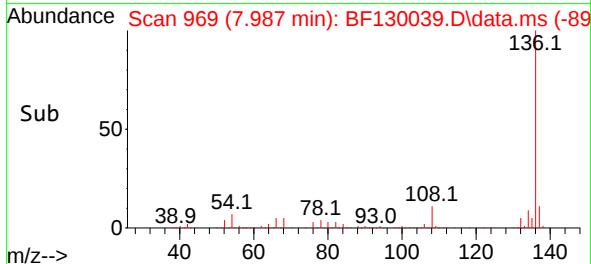
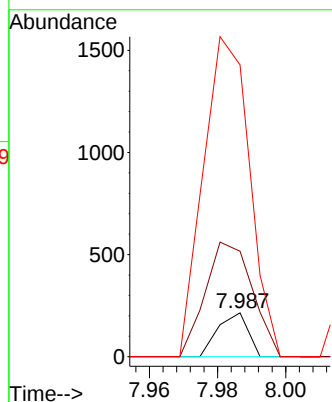
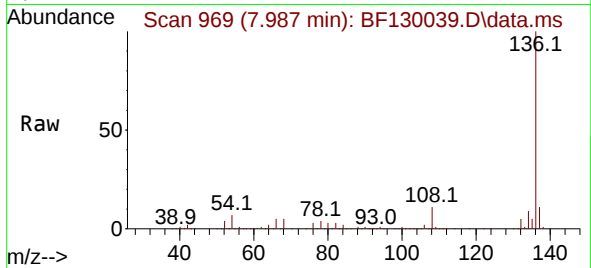




#32
Benzoic acid
Concen: 2.208 ng
RT: 7.987 min Scan# 90
Delta R.T. 0.165 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

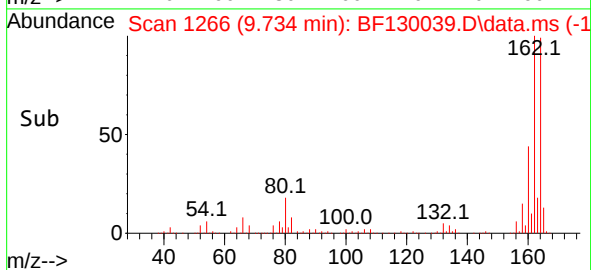
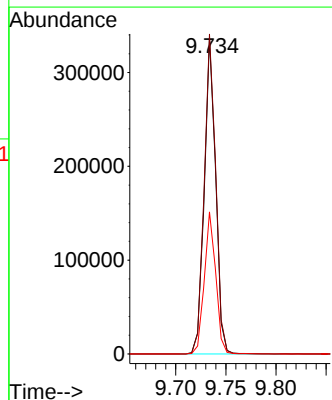
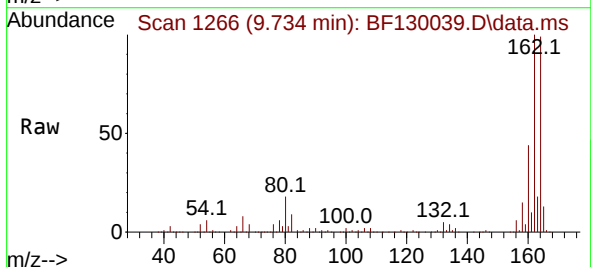
Instrument :
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ClientSampleId :
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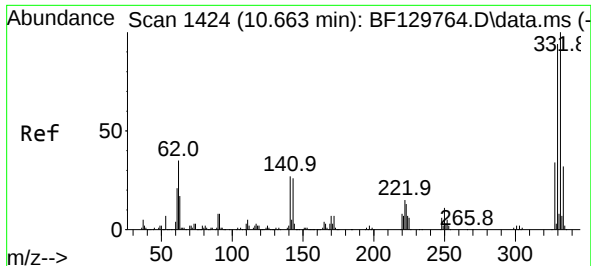
Tgt Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 240.0 99.9 139.9#
77 664.7 65.9 105.9#



#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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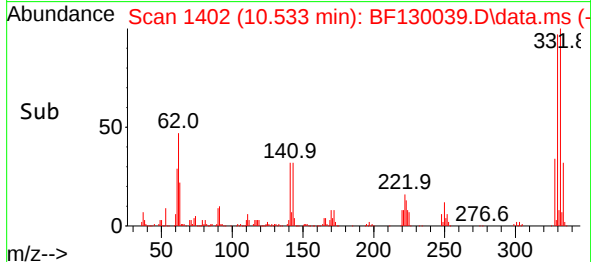
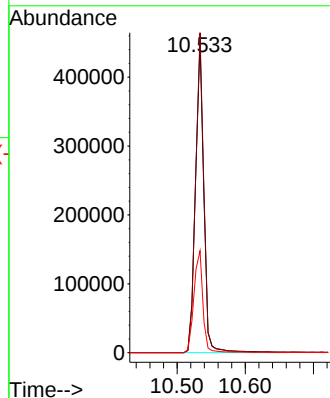
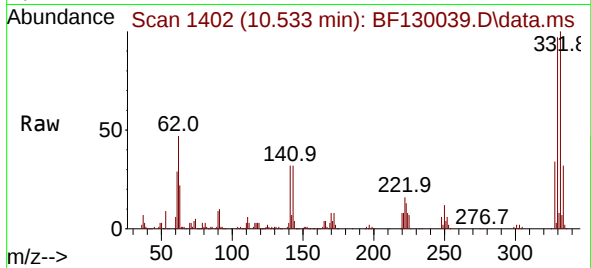
Tgt Ion:330 Resp: 384841

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

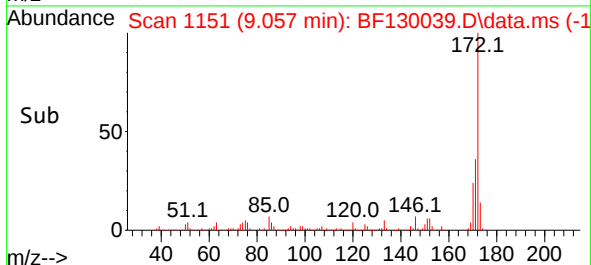
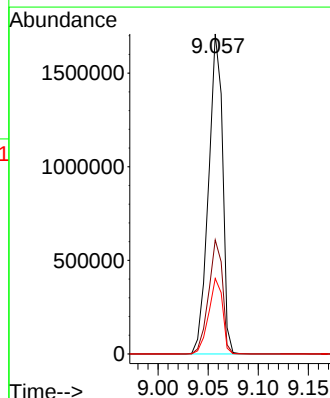
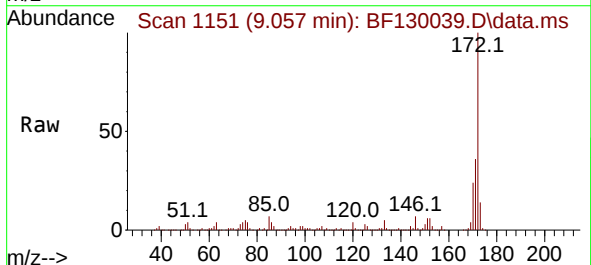
Tgt Ion:172 Resp: 1667026

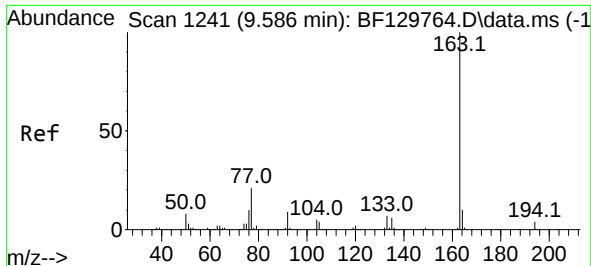
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.1 28.7

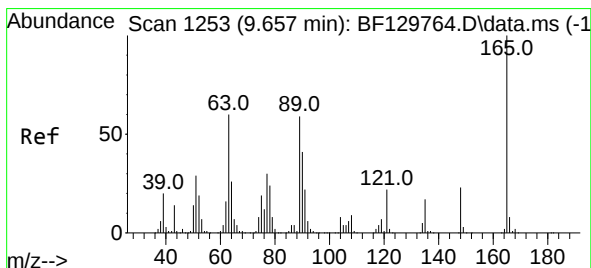
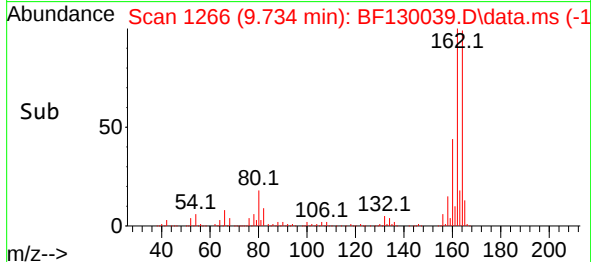
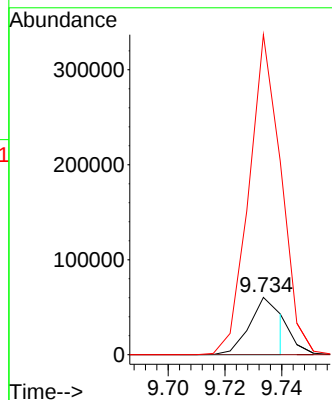
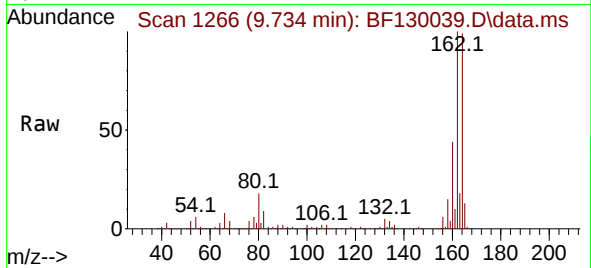




#50
Dimethylphthalate
Concen: 2.447 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

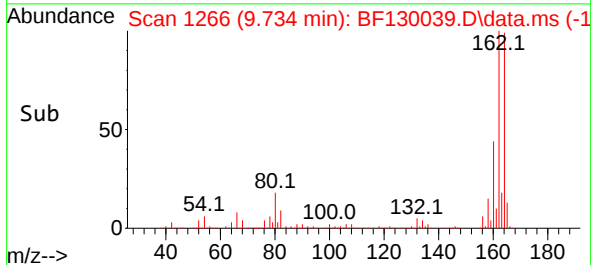
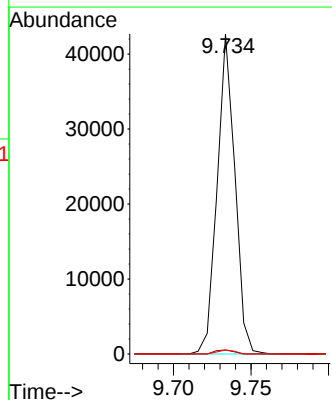
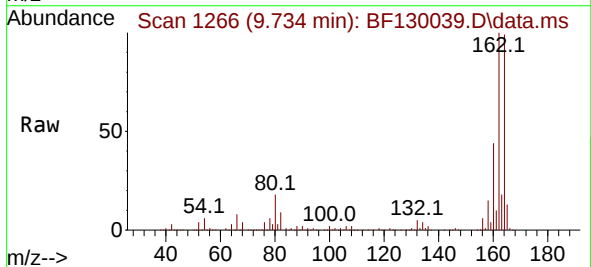
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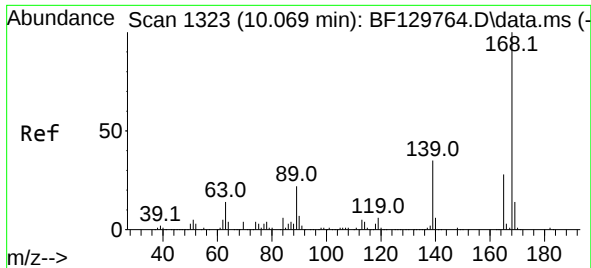
Tgt Ion:163 Resp: 46799
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 557.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion:165 Resp: 33958
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.3 47.2 70.8#

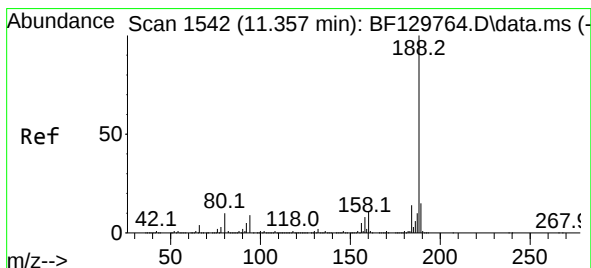
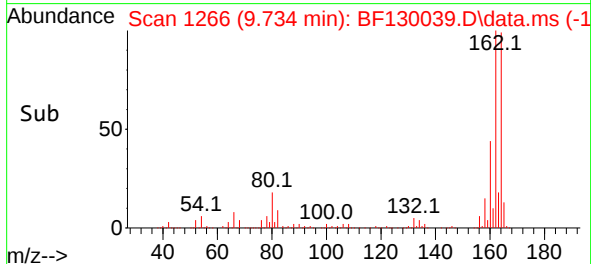
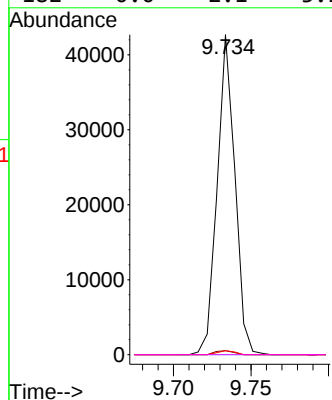
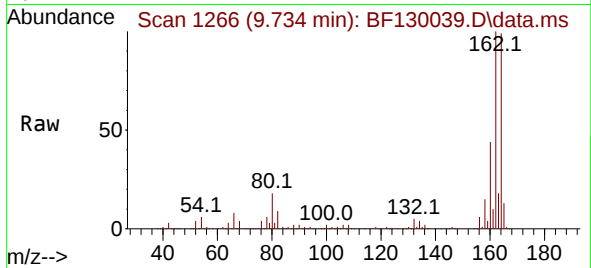




#57
2,4-Dinitrotoluene
Concen: 6.304 ng
RT: 9.734 min Scan# 1519
Delta R.T. -0.217 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

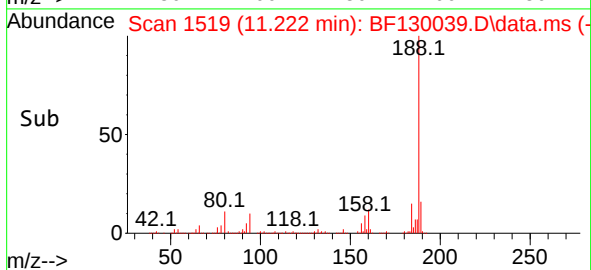
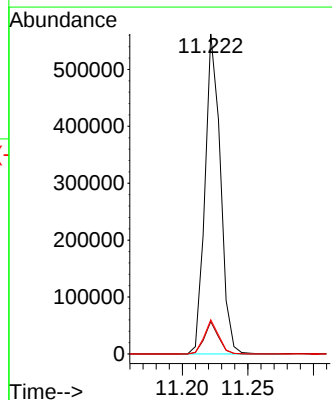
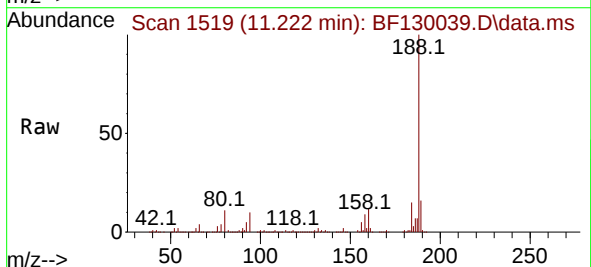
Instrument :
BNA_F
ClientSampleId :
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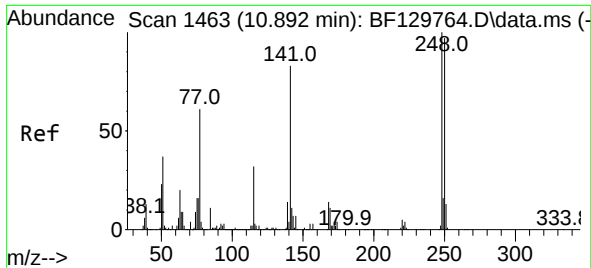
Tgt Ion:165	Resp:	33958
Ion	Ratio	Lower Upper
165	100	
63	1.2	48.4 72.6#
89	1.3	62.3 93.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

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

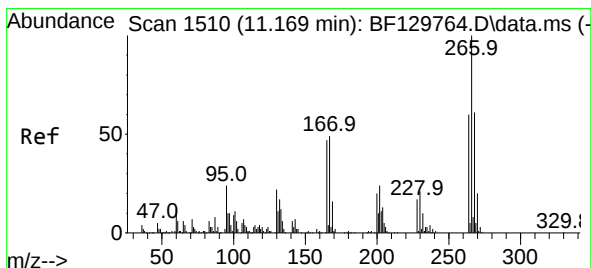
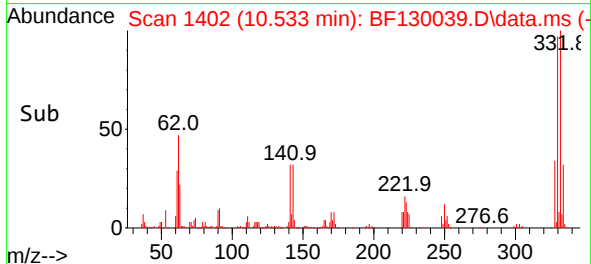
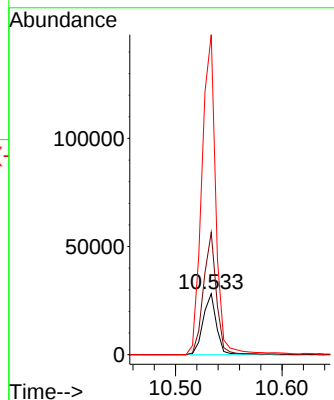
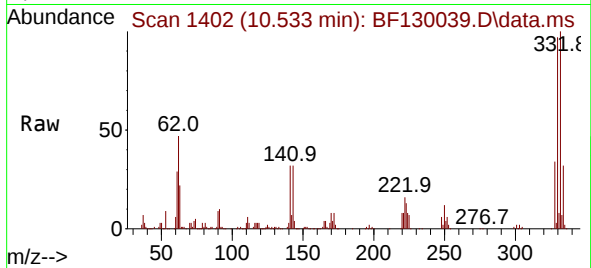




#67
4-Bromophenyl-phenylether
Concen: 4.570 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

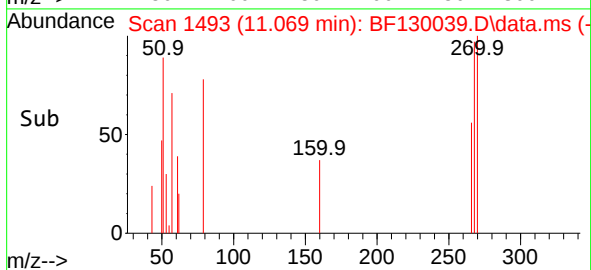
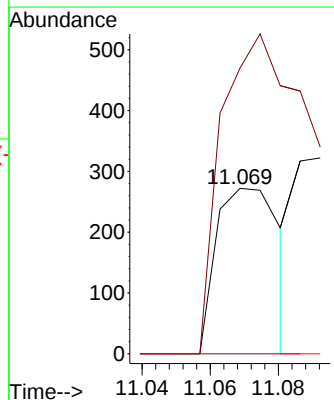
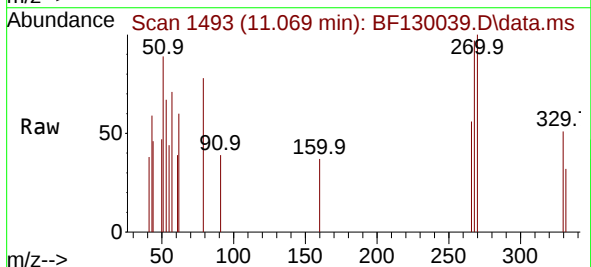
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

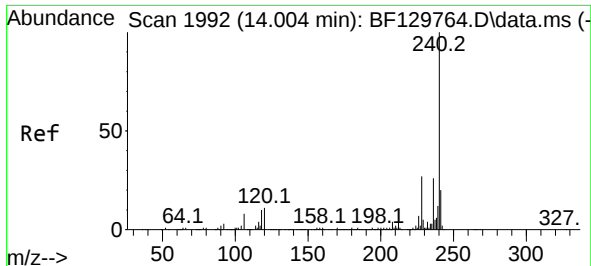
Tgt Ion:248 Resp: 24704
Ion Ratio Lower Upper
248 100
250 200.4 77.8 116.6#
141 524.4 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.367 ng
RT: 11.069 min Scan# 1493
Delta R.T. 0.018 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

Tgt Ion:266 Resp: 348
Ion Ratio Lower Upper
266 100
268 172.8 49.0 73.4#
264 0.0 47.9 71.9#

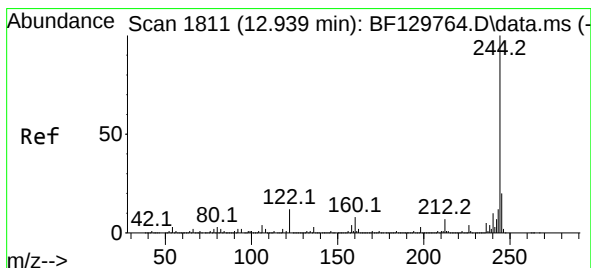
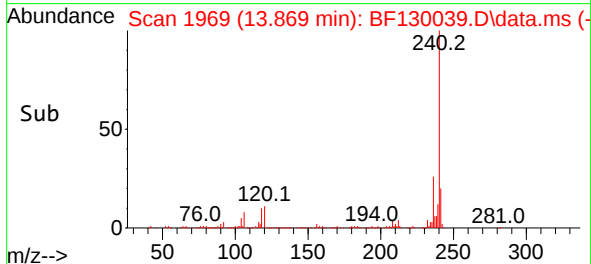
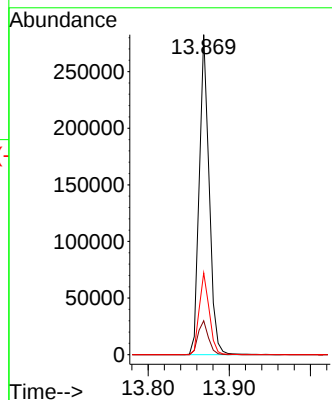
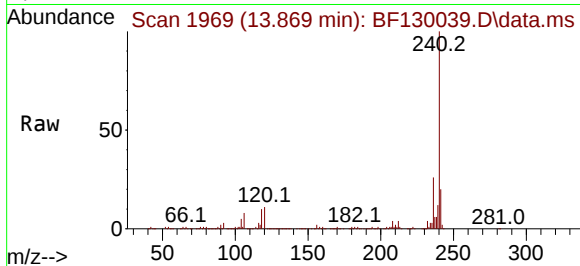




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130039.D
Acq: 29 Aug 2022 17:39

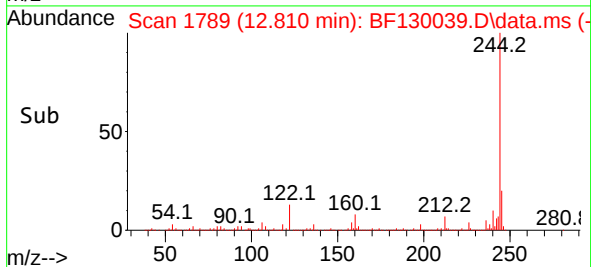
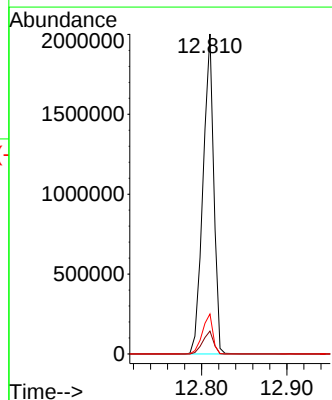
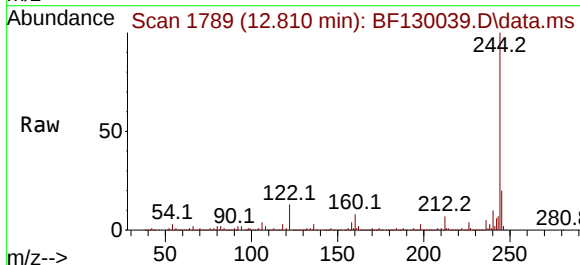
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

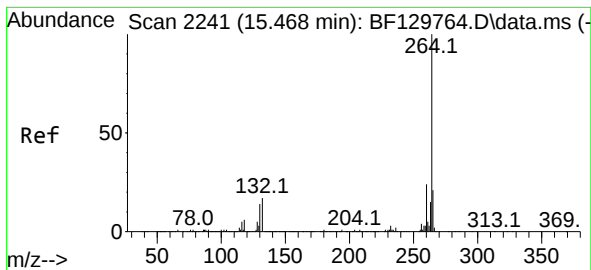
Tgt Ion:240 Resp: 239814
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.7 31.1



#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

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# 21

Delta R.T. -0.006 min

Lab File: BF130039.D

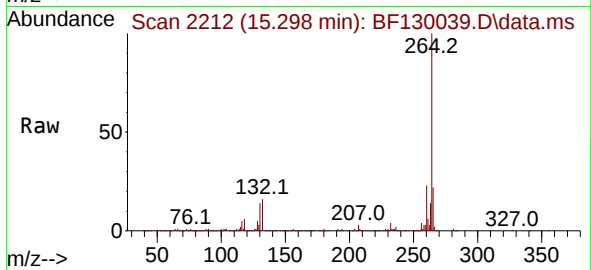
Acq: 29 Aug 2022 17:39

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK



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

