

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130037.D
 Acq On : 29 Aug 2022 16:30
 Operator : CG\JU
 Sample : N4379-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-9-11

Quant Time: Aug 30 01:28:10 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)

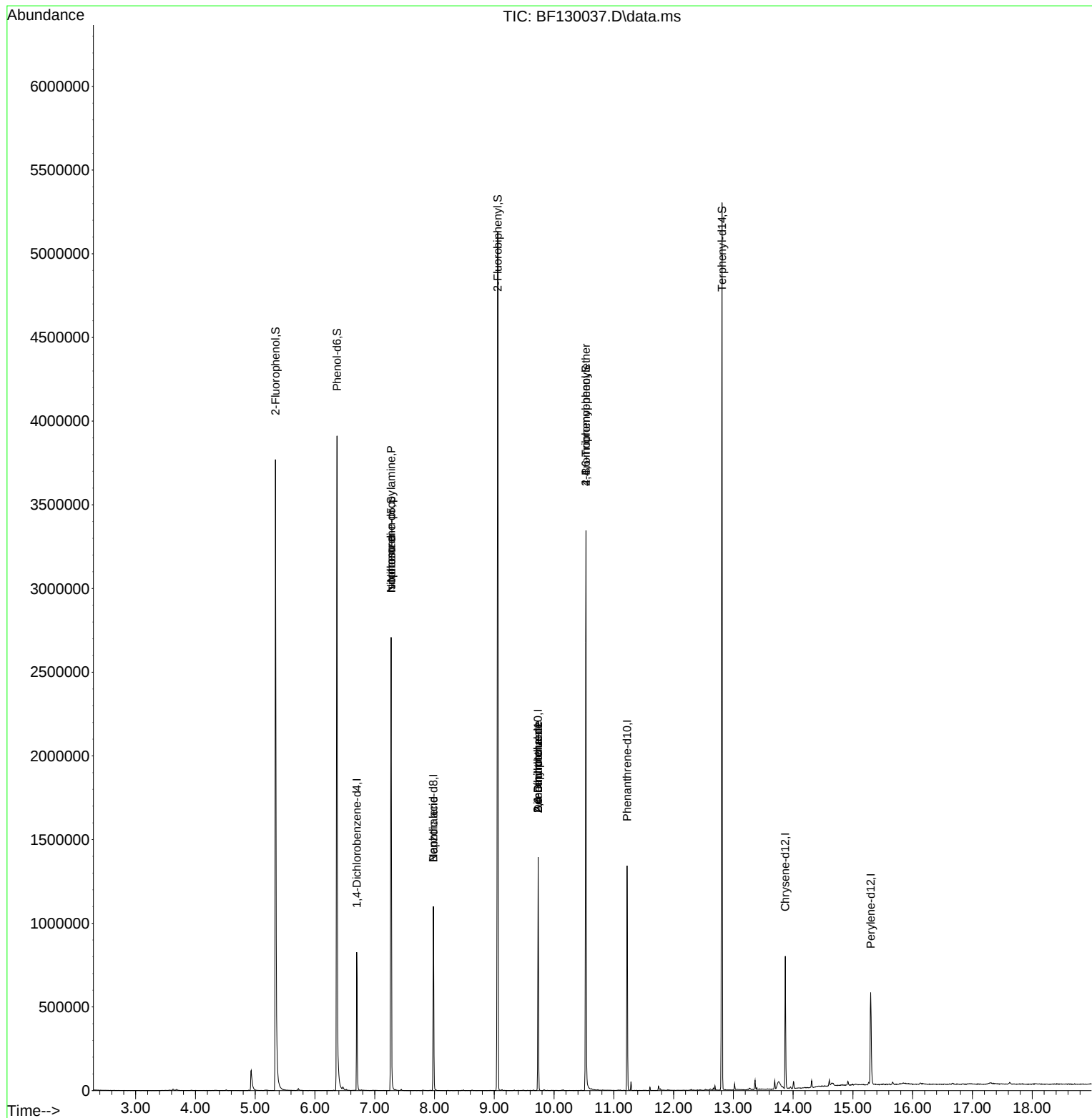
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	117306	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	477177	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	255248	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	443043	20.000	ng	0.00
76) Chrysene-d12	13.869	240	238976	20.000	ng	0.00
86) Perylene-d12	15.298	264	241951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1056995	149.188	ng	0.00
7) Phenol-d6	6.369	99	1317108	148.450	ng	0.00
23) Nitrobenzene-d5	7.275	82	851272	95.499	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	387944	151.434	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1589609	94.587	ng	0.00
79) Terphenyl-d14	12.810	244	1651484	114.989	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	2194	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.275	70	115700	20.631	ng	# 76
25) Isophorone	7.275	82	851272	55.486	ng	# 65
32) Benzoic acid	7.981	122	56	2.174	ng	# 1
50) Dimethylphthalate	9.734	163	43952	2.402	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	33375	8.408	ng	# 23
57) 2,4-Dinitrotoluene	9.734	165	33375	6.477	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	23749	4.577	ng	# 1
77) Benzidine	12.810	184	24555	Below Cal	#	93

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

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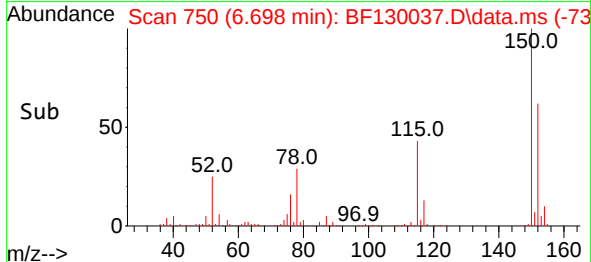
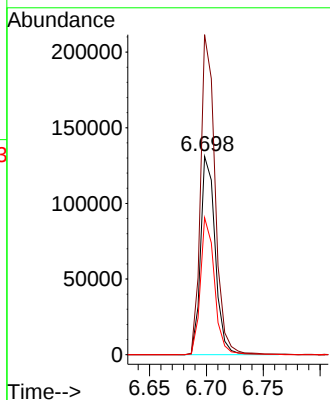
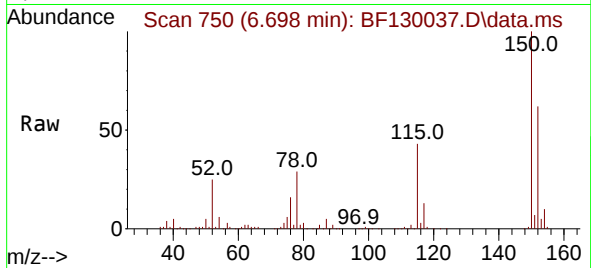




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

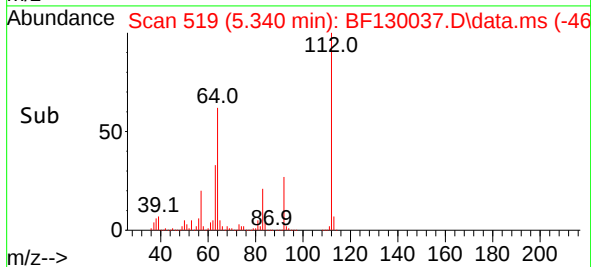
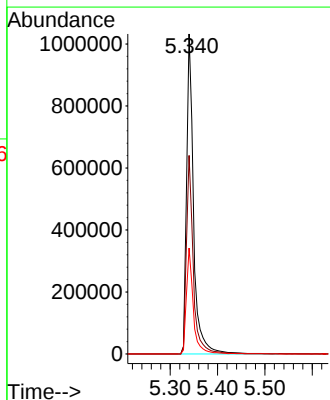
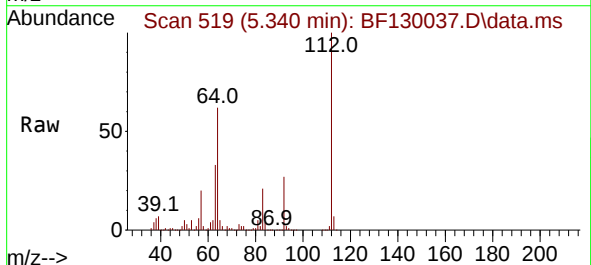
Instrument :
BNA_F
ClientSampleId :
SB-10-9-11

Tgt Ion:152 Resp: 117306
Ion Ratio Lower Upper
152 100
150 161.4 126.9 190.3
115 69.1 53.4 80.0



#5
2-Fluorophenol
Concen: 149.188 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion:112 Resp: 1056995
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 33.1 24.6 37.0

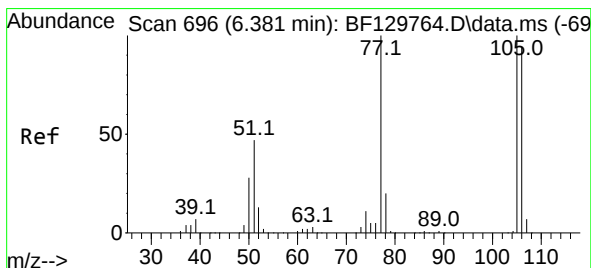
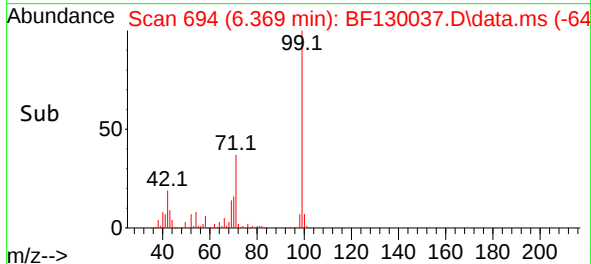
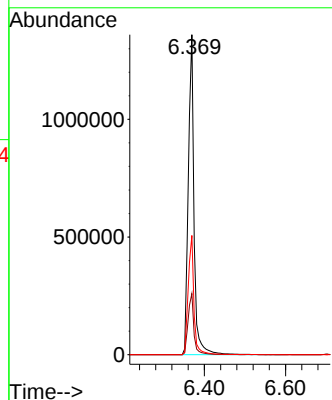
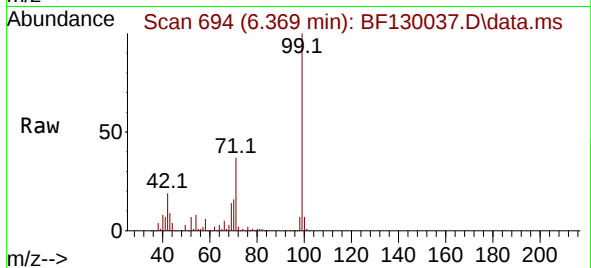




#7
Phenol-d6
Concen: 148.450 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

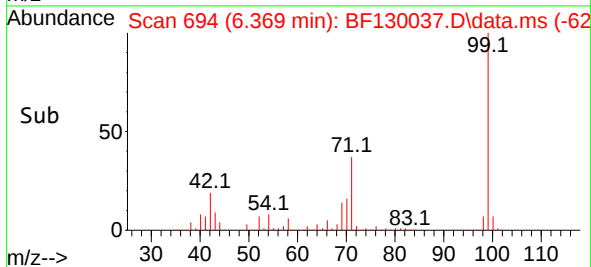
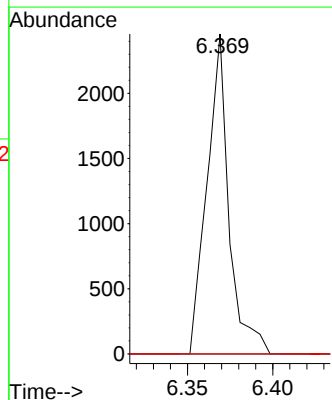
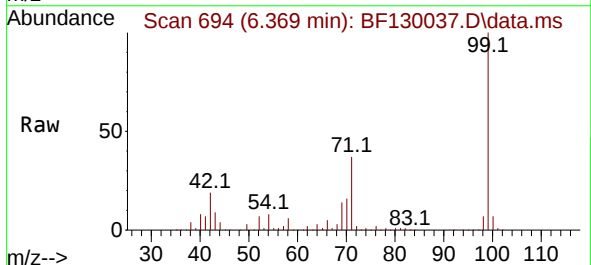
Instrument :
BNA_F
ClientSampleId :
SB-10-9-11

Tgt Ion: 99 Resp: 1317108
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 37.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.106 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion: 77 Resp: 2194
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

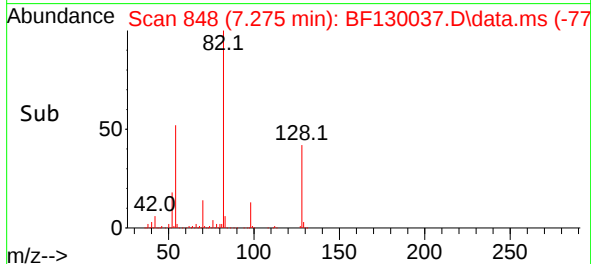
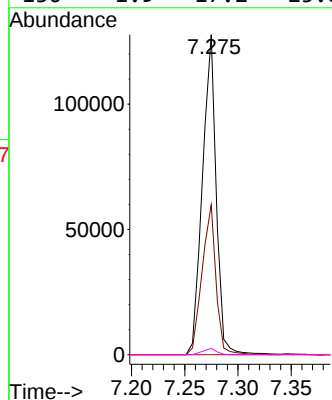
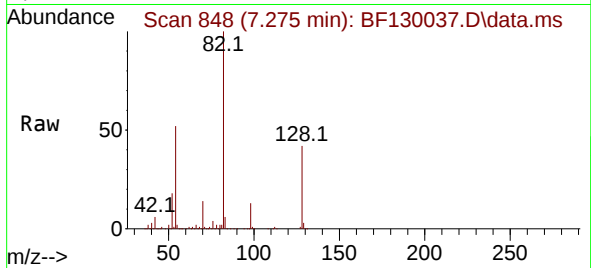




#19
n-Nitroso-di-n-propylamine
Concen: 20.631 ng
RT: 7.275 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

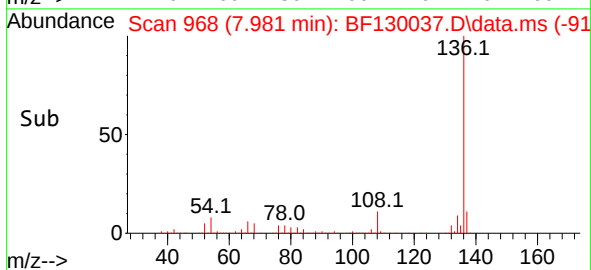
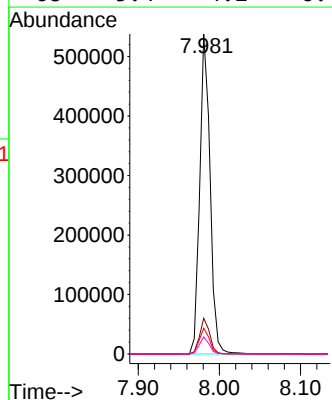
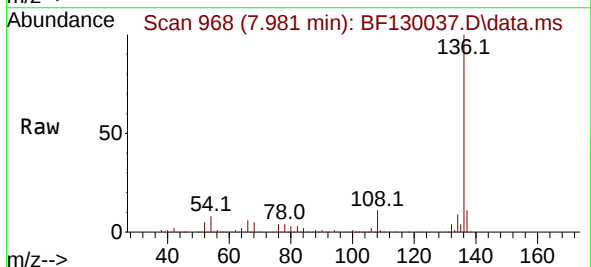
Instrument :
BNA_F
ClientSampleId :
SB-10-9-11

Tgt Ion: 70 Resp: 115700
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 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: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion: 136 Resp: 477177
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.1 6.2 9.2
68 5.4 4.2 6.4

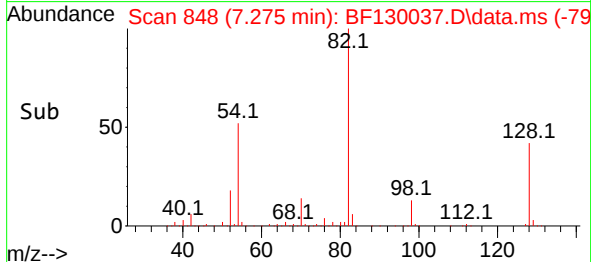
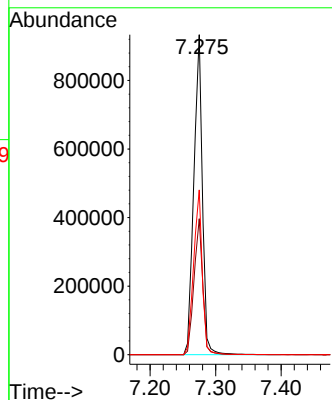
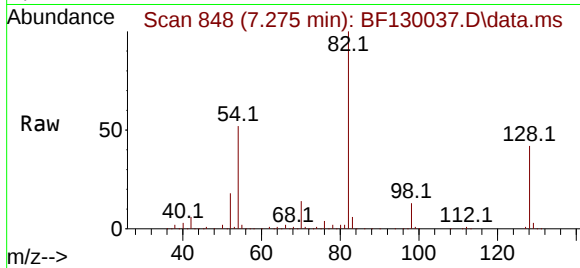




#23
Nitrobenzene-d5
Concen: 95.499 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

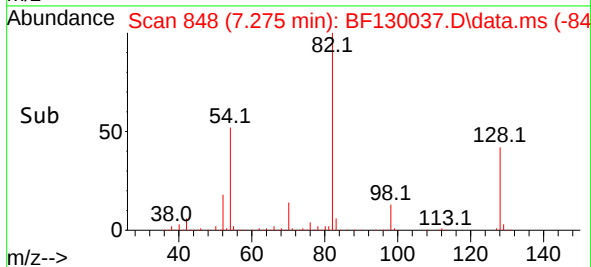
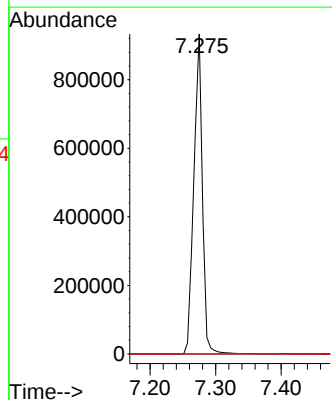
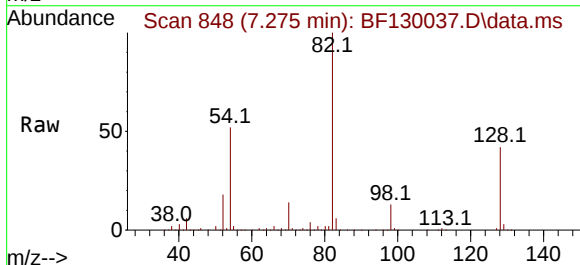
Instrument :
BNA_F
ClientSampleId :
SB-10-9-11

Tgt Ion: 82 Resp: 851272
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 51.5 40.0 60.0



#25
Isophorone
Concen: 55.486 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion: 82 Resp: 851272
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

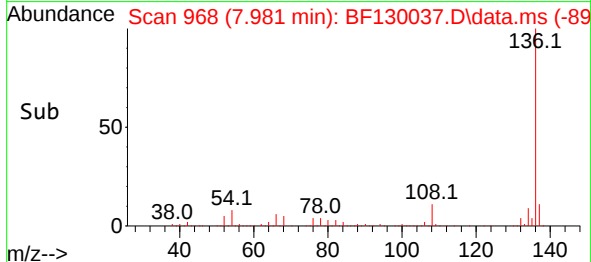
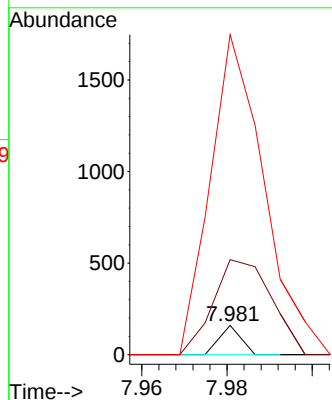
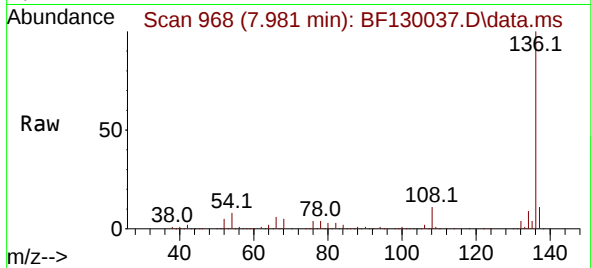




#32
Benzoic acid
Concen: 2.174 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.159 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

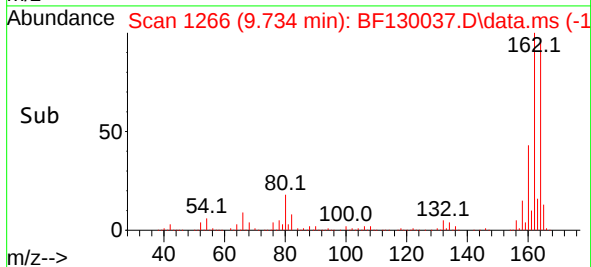
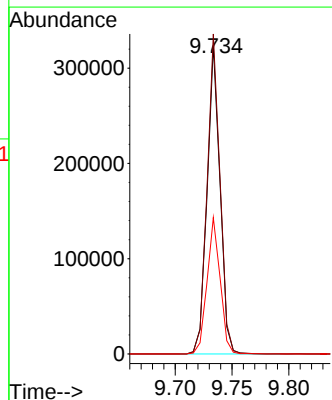
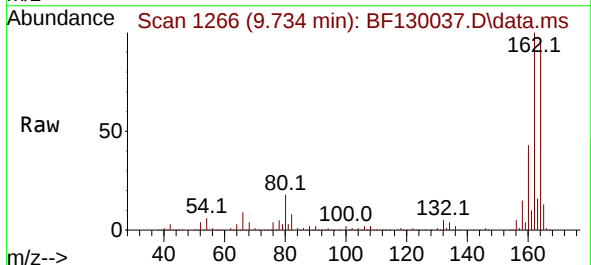
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BNA_F
ClientSampleId :
SB-10-9-11

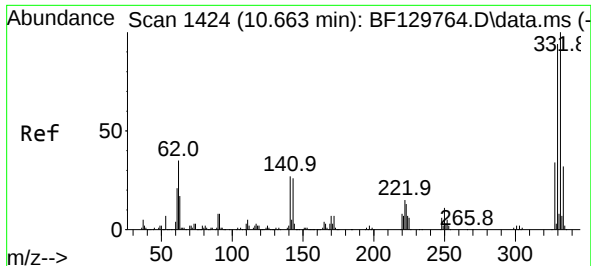
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 324.4 99.9 139.9#
77 1091.9 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion:164 Resp: 255248
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 151.434 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130037.D

Acq: 29 Aug 2022 16:30

Instrument :

BNA_F

ClientSampleId :

SB-10-9-11

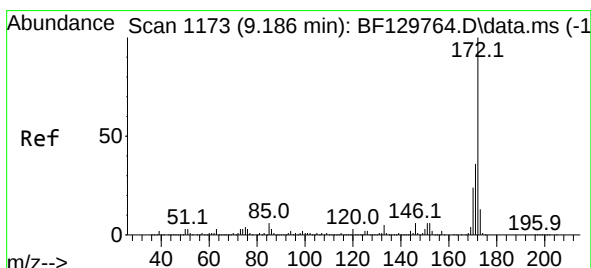
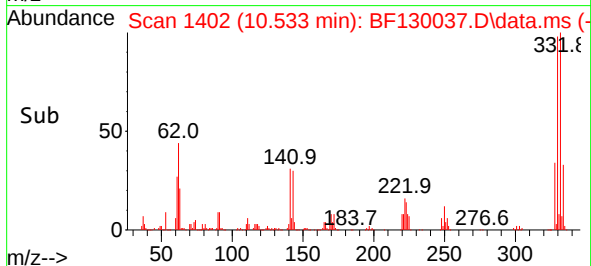
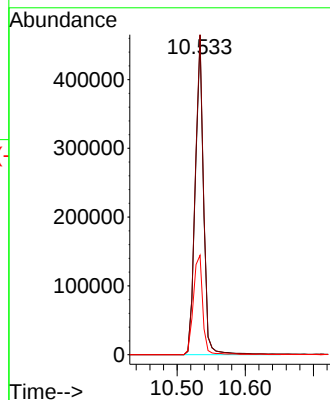
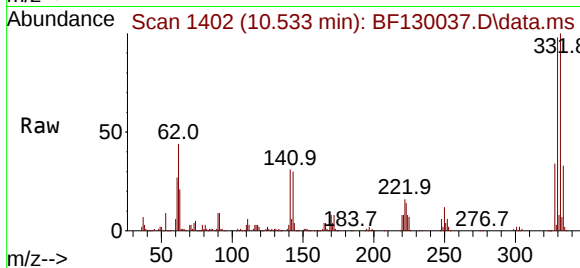
Tgt Ion:330 Resp: 387944

Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 94.587 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130037.D

Acq: 29 Aug 2022 16:30

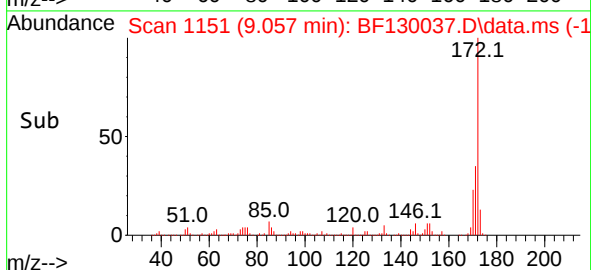
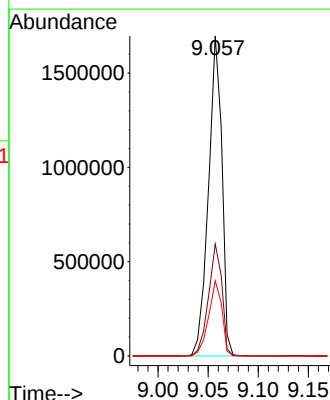
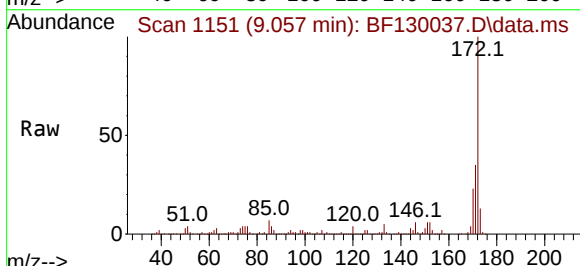
Tgt Ion:172 Resp: 1589609

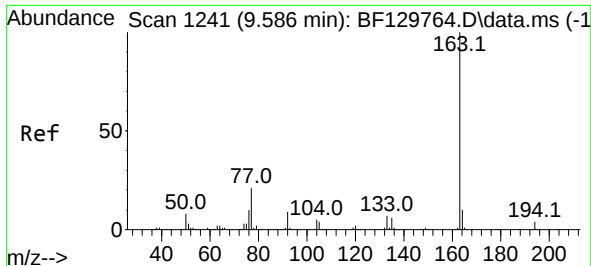
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.1 28.7

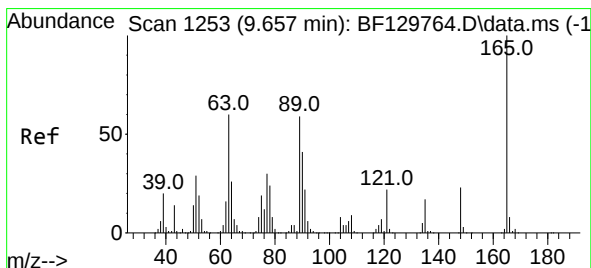
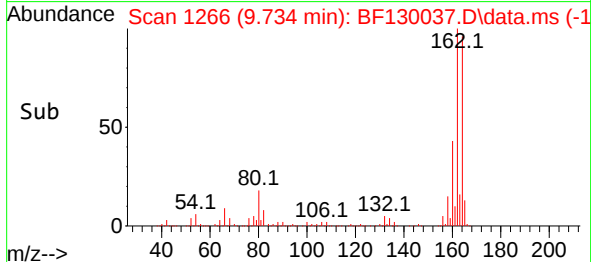
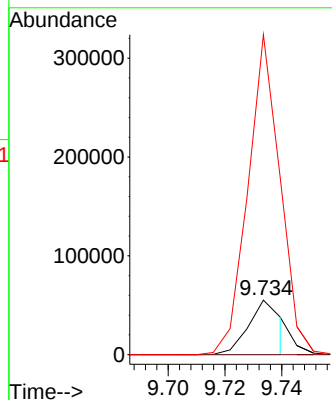
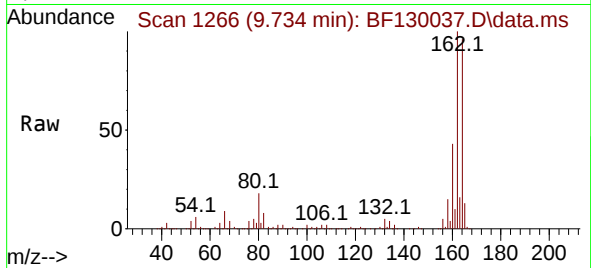




#50
 Dimethylphthalate
 Concen: 2.402 ng
 RT: 9.734 min Scan# 1266
 Delta R.T. 0.265 min
 Lab File: BF130037.D
 Acq: 29 Aug 2022 16:30

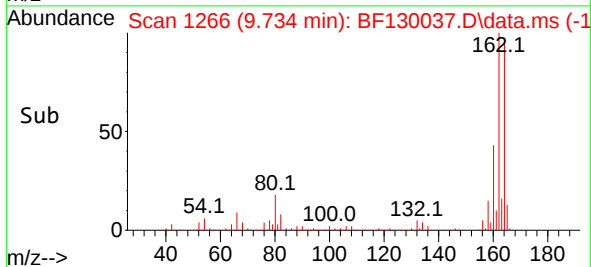
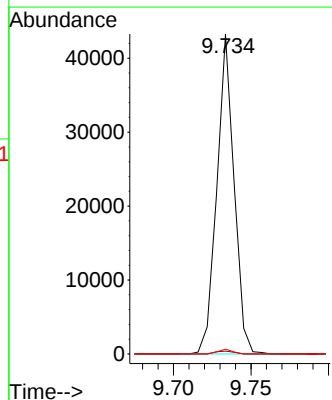
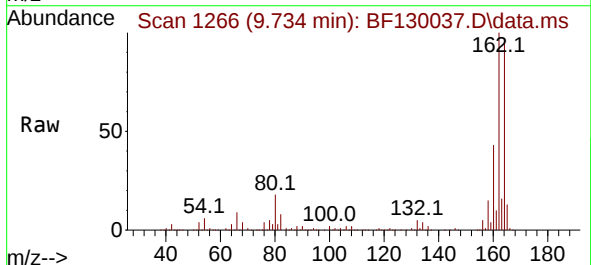
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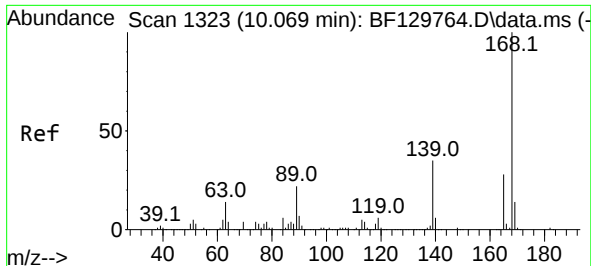
Tgt Ion:163 Resp: 43952
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 586.4 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 8.408 ng
 RT: 9.734 min Scan# 1266
 Delta R.T. 0.188 min
 Lab File: BF130037.D
 Acq: 29 Aug 2022 16:30

Tgt Ion:165 Resp: 33375
 Ion Ratio Lower Upper
 165 100
 63 0.9 47.8 71.8#
 89 1.5 47.2 70.8#

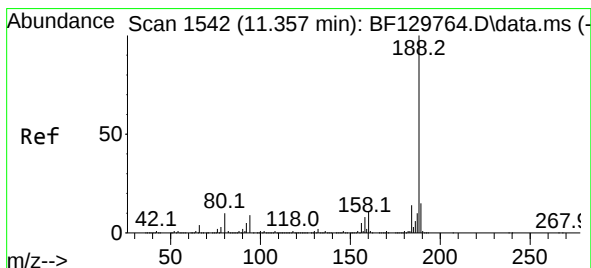
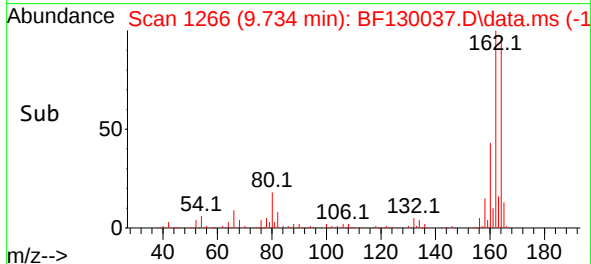
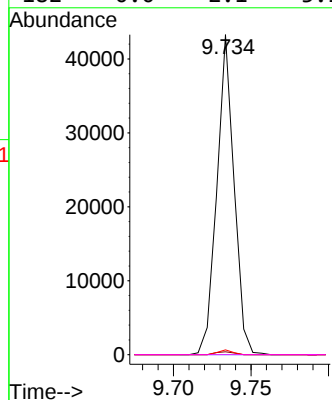
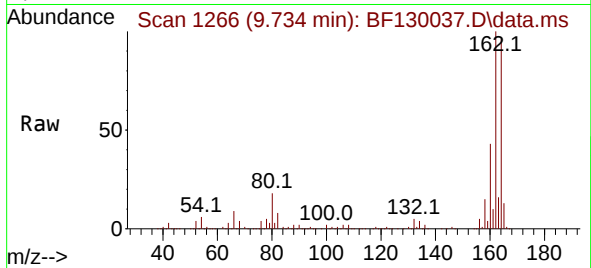




#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.734 min Scan# 1519
Delta R.T. -0.217 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

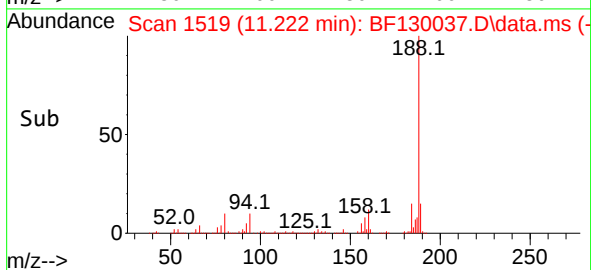
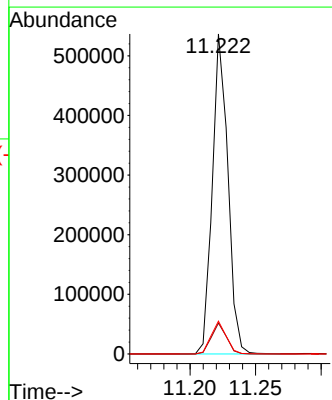
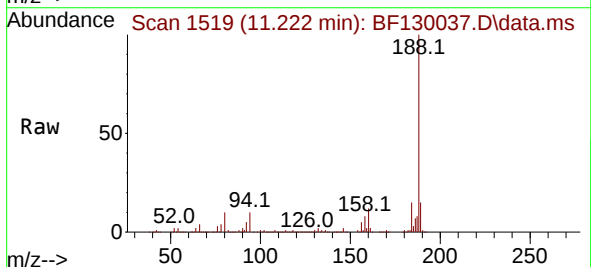
Instrument :
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SB-10-9-11

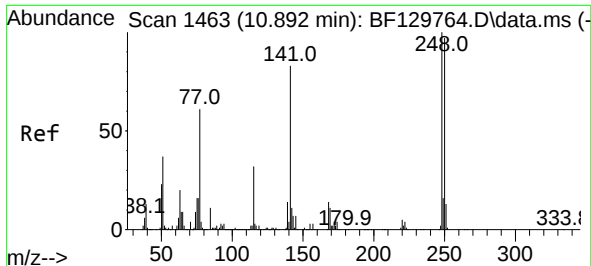
Tgt Ion:165 Resp: 33375
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion:188 Resp: 443043
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.2 7.9 11.9

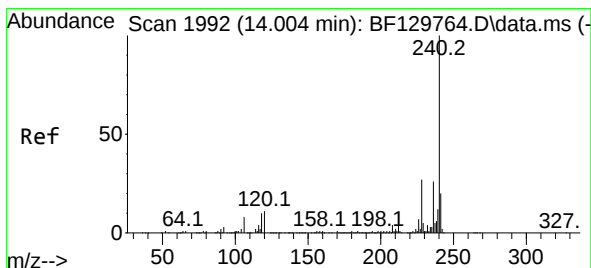
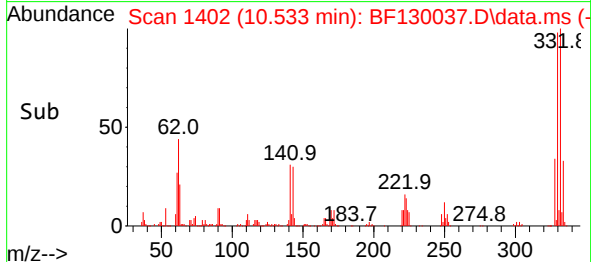
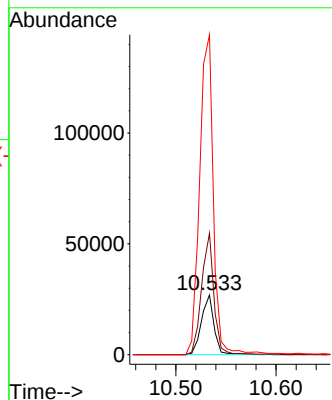
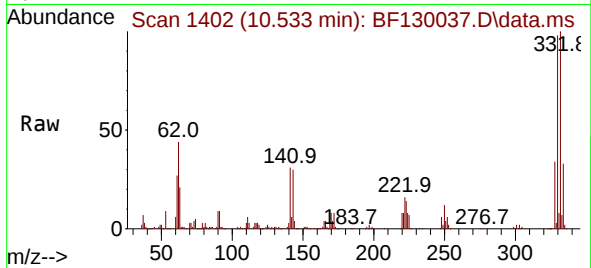




#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

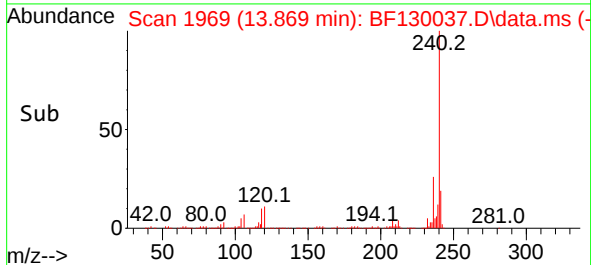
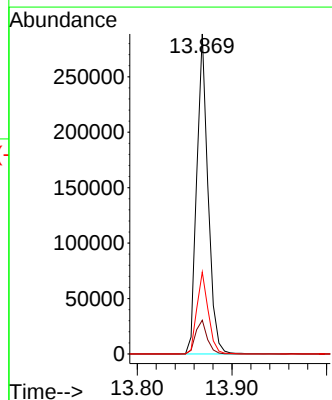
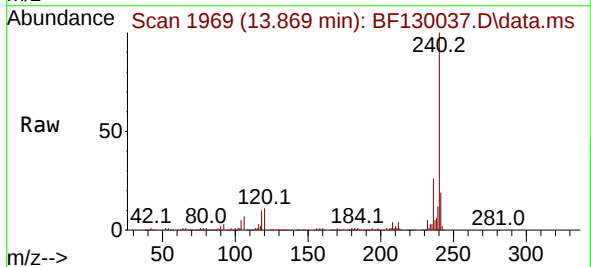
Instrument :
BNA_F
ClientSampleId :
SB-10-9-11

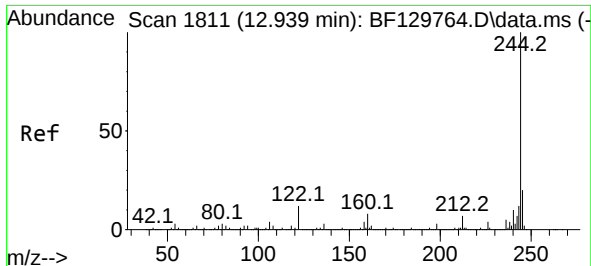
Tgt Ion:248 Resp: 23749
Ion Ratio Lower Upper
248 100
250 203.5 77.8 116.6#
141 536.2 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130037.D
Acq: 29 Aug 2022 16:30

Tgt Ion:240 Resp: 238976
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.6 20.7 31.1

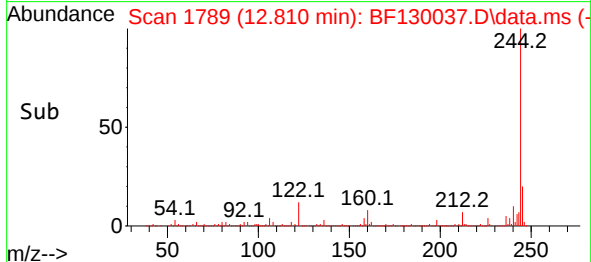
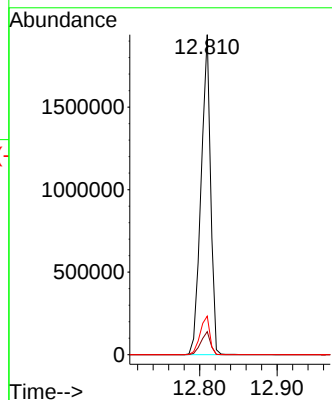
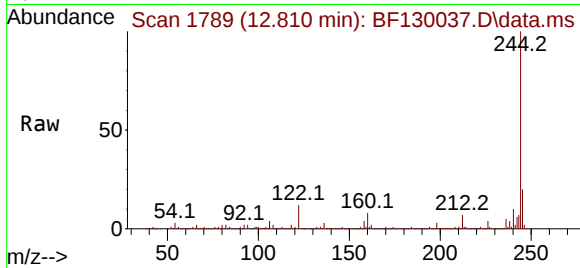




#79
 Terphenyl-d14
 Concen: 114.989 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130037.D
 Acq: 29 Aug 2022 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-9-11

Tgt Ion:244 Resp: 1651484
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.0 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: BF130037.D
 Acq: 29 Aug 2022 16:30

Tgt Ion:264 Resp: 241951
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.8 16.7 25.1

