

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130371.D
 Acq On : 21 Sep 2022 20:25
 Operator : CG\JU
 Sample : N4724-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Sep 22 05:59:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

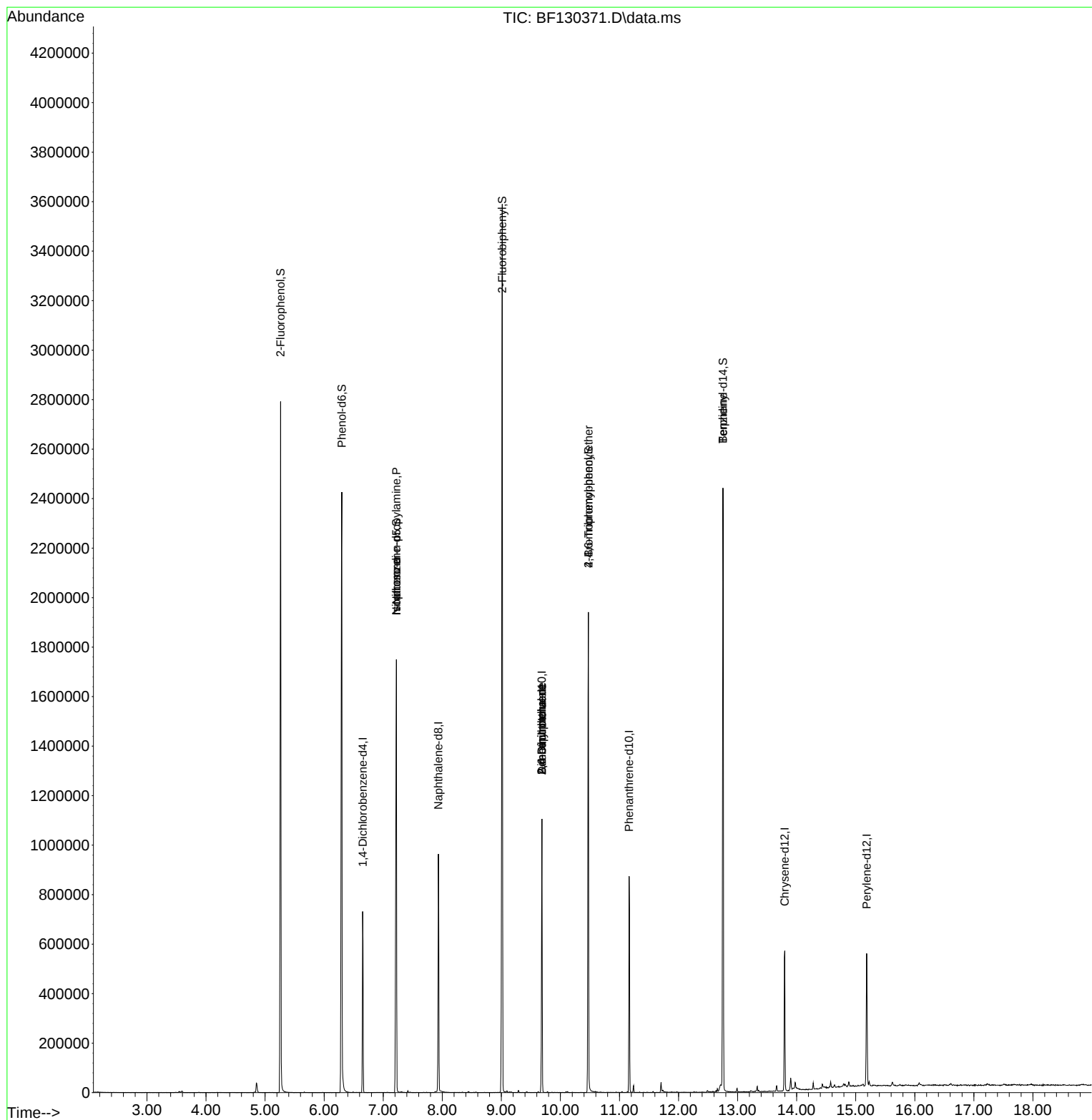
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	105065	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	413582	20.000	ng	-0.01
39) Acenaphthene-d10	9.687	164	205650	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	302364	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	194997	20.000	ng	0.00
86) Perylene-d12	15.186	264	206198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	738845	121.972	ng	0.00
7) Phenol-d6	6.298	99	905601	119.483	ng	0.00
23) Nitrobenzene-d5	7.222	82	570238	70.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	223816	113.582	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1070776	75.821	ng	0.00
79) Terphenyl-d14	12.751	244	812083	68.986	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.222	70	78001	15.251	ng	# 73
25) Isophorone	7.222	82	568077	43.538	ng	# 66
50) Dimethylphthalate	9.687	163	38648	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	26825	9.029	ng	# 16
57) 2,4-Dinitrotoluene	9.687	165	26825	7.065	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	13324	3.995	ng	# 1
77) Benzidine	12.751	184	12085	2.135	ng	# 91

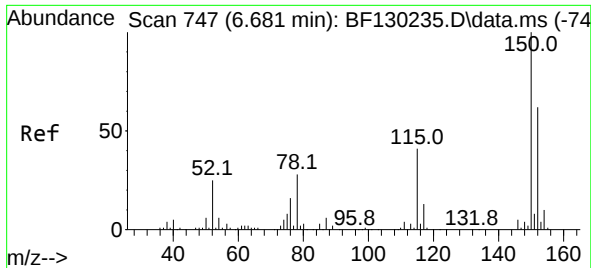
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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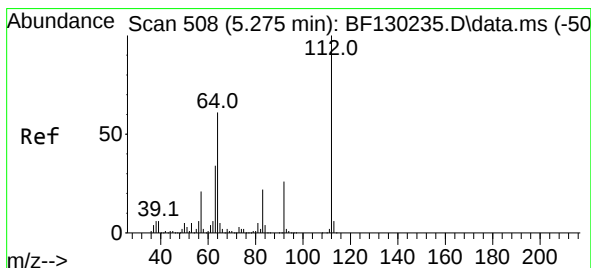
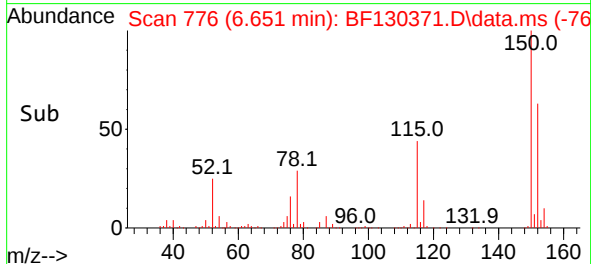
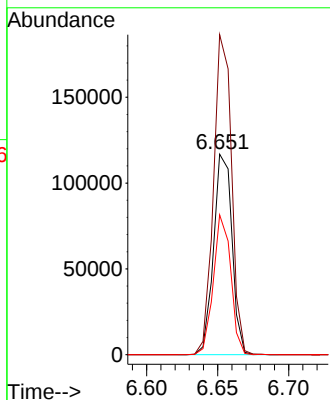
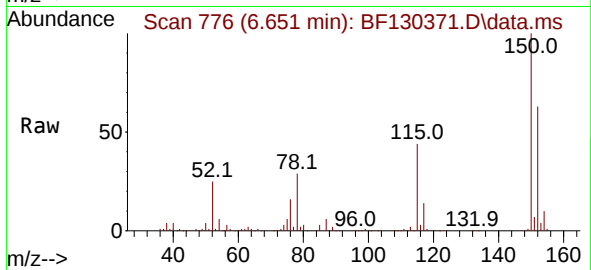




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF130371.D
 Acq: 21 Sep 2022 20:25

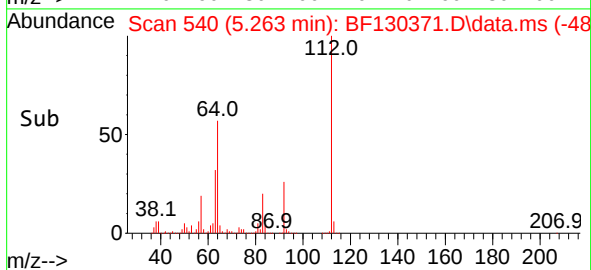
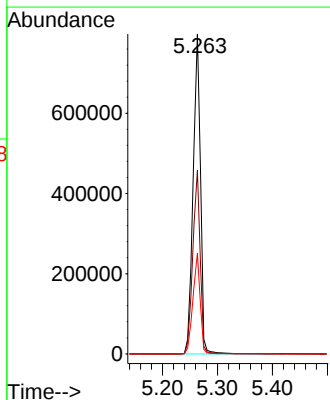
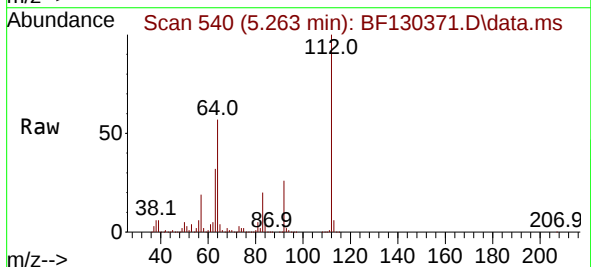
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

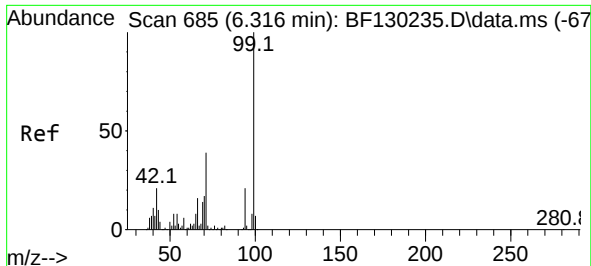
Tgt Ion:152 Resp: 105065
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.8 184.2
 115 69.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 121.972 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF130371.D
 Acq: 21 Sep 2022 20:25

Tgt Ion:112 Resp: 738845
 Ion Ratio Lower Upper
 112 100
 64 57.4 51.4 77.0
 63 31.5 28.8 43.2

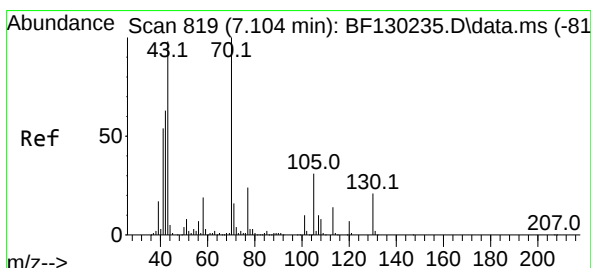
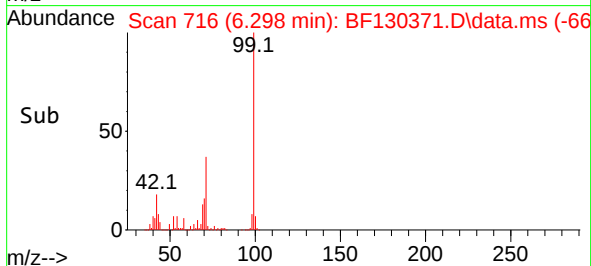
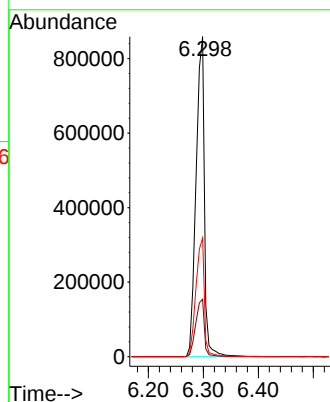
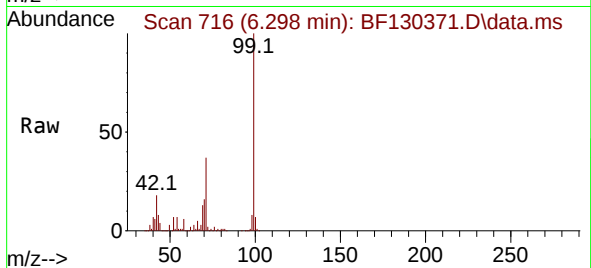




#7
Phenol-d6
Concen: 119.483 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

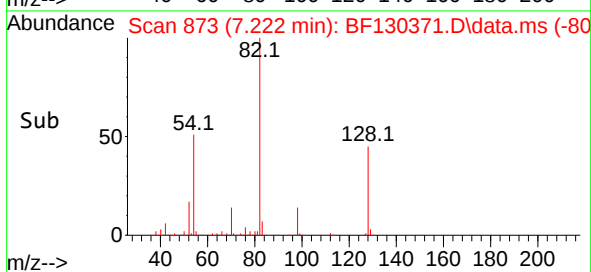
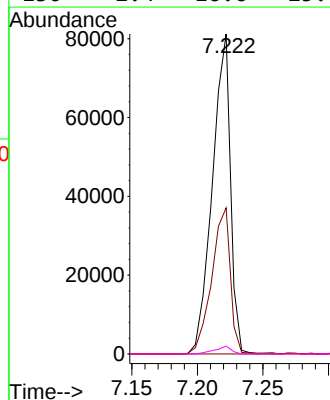
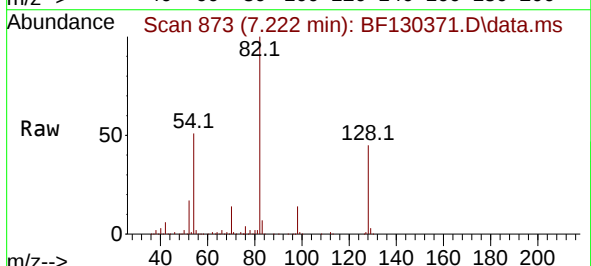
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

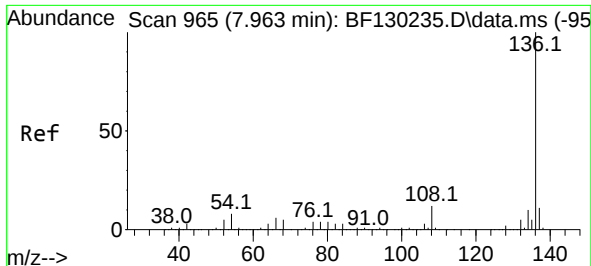
Tgt Ion: 99 Resp: 905601
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.251 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.130 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Tgt Ion: 70 Resp: 78001
Ion Ratio Lower Upper
70 100
42 45.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

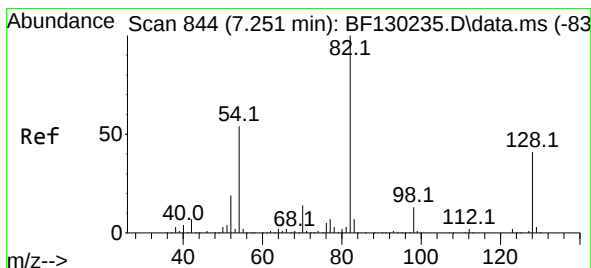
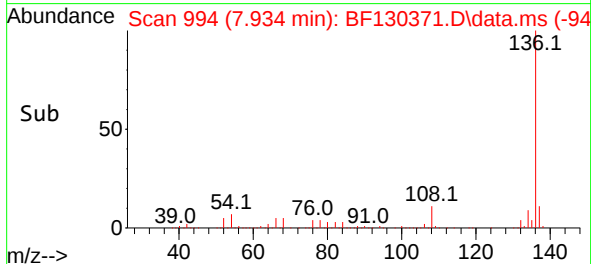
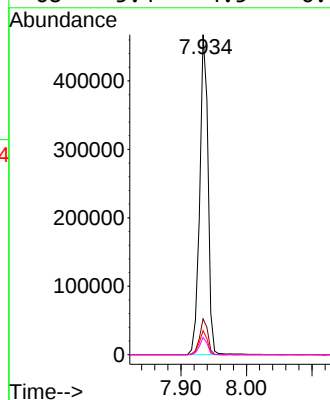
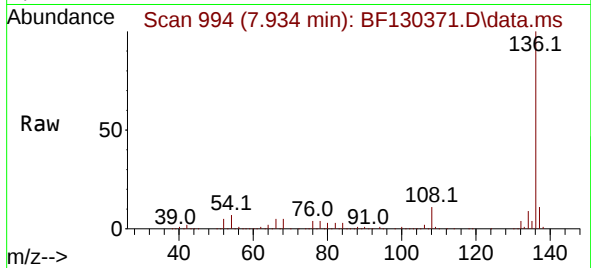




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

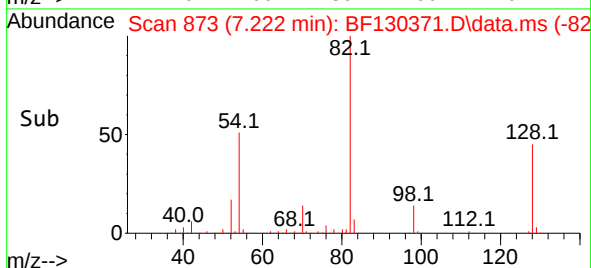
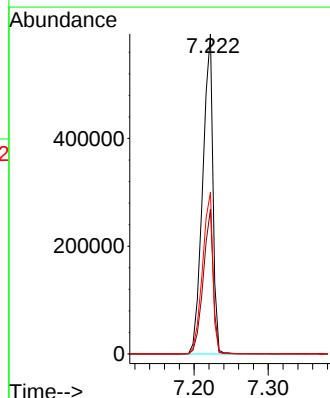
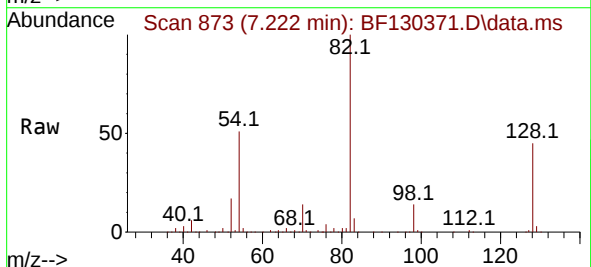
Instrument :
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ClientSampleId :
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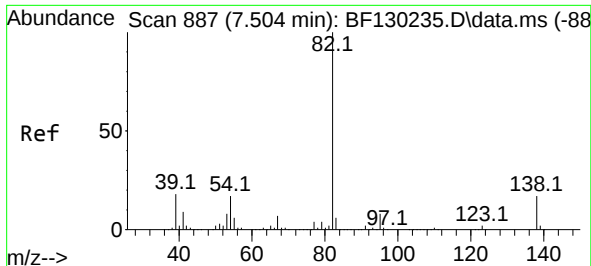
Tgt Ion:136 Resp: 413582
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 7.1 10.7
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.440 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Tgt Ion: 82 Resp: 570238
Ion Ratio Lower Upper
82 100
128 45.2 32.6 49.0
54 50.6 43.8 65.6

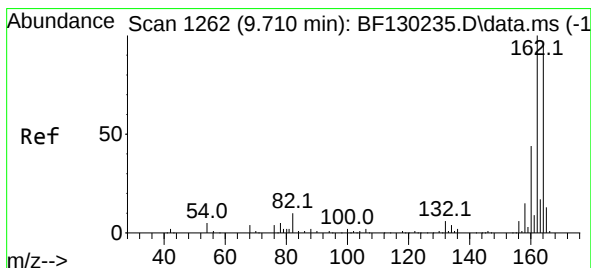
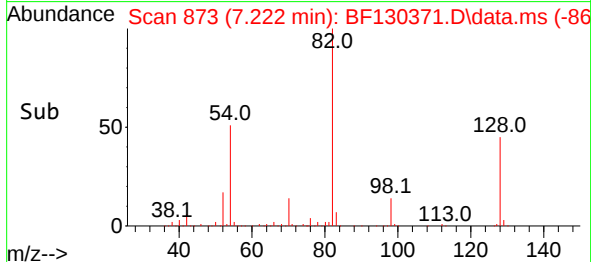
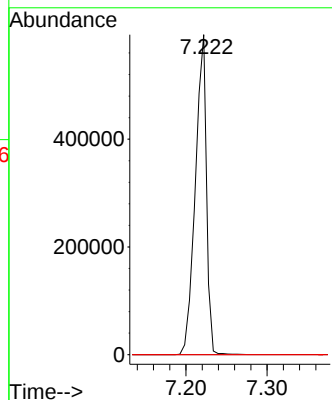
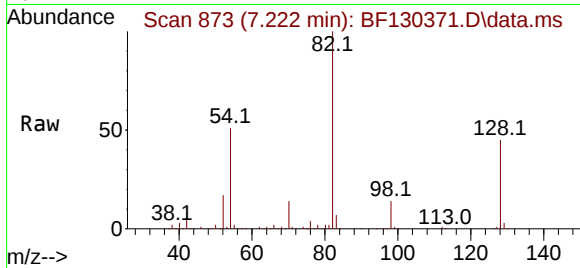




#25
Isophorone
Concen: 43.538 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

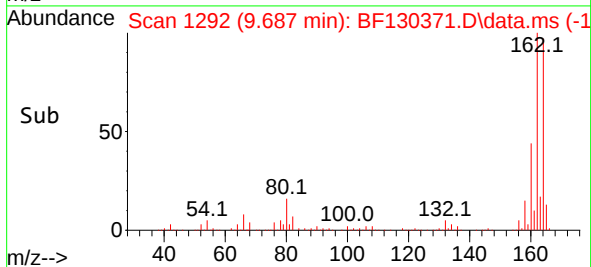
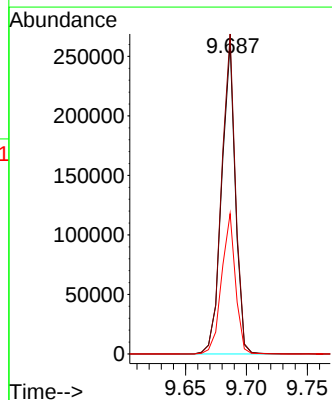
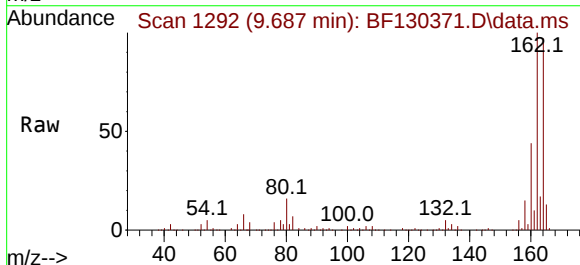
Instrument :
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ClientSampleId :
SB-07-COMP

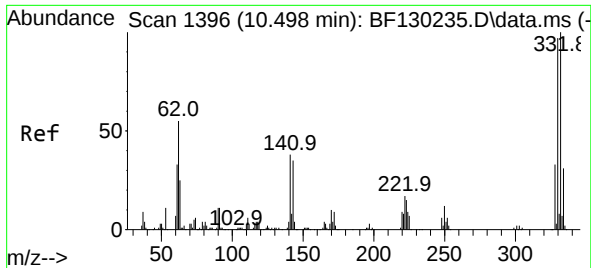
Tgt Ion: 82 Resp: 568077
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Tgt Ion: 164 Resp: 205650
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 113.582 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130371.D

Acq: 21 Sep 2022 20:25

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

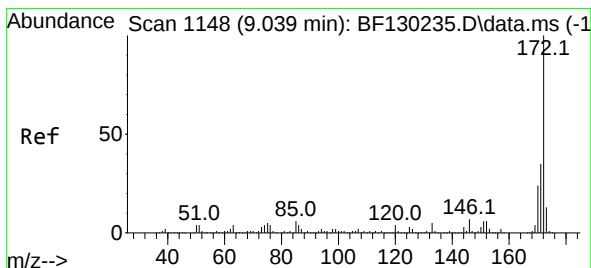
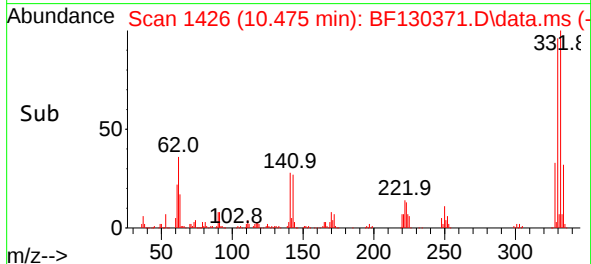
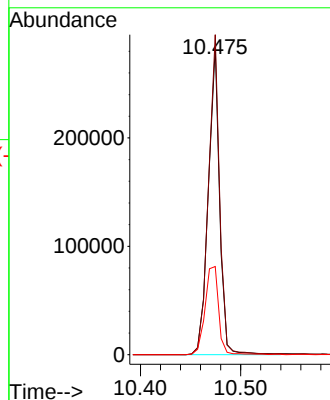
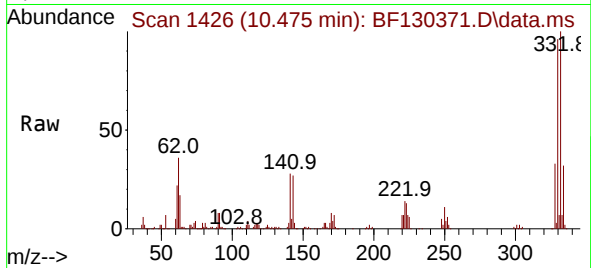
Tgt Ion:330 Resp: 223816

Ion Ratio Lower Upper

330 100

332 103.3 83.4 125.2

141 34.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 75.821 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130371.D

Acq: 21 Sep 2022 20:25

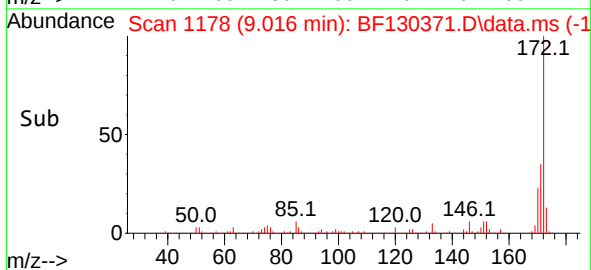
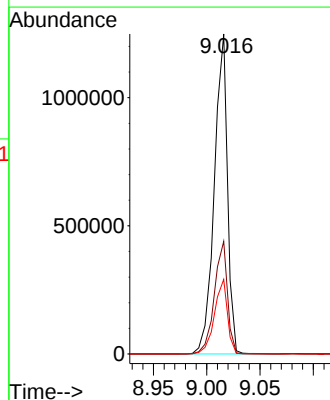
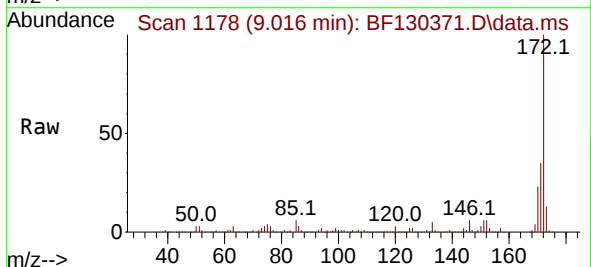
Tgt Ion:172 Resp: 1070776

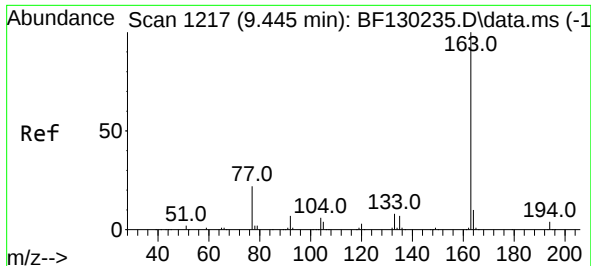
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1

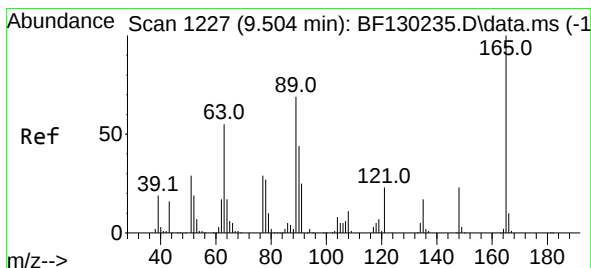
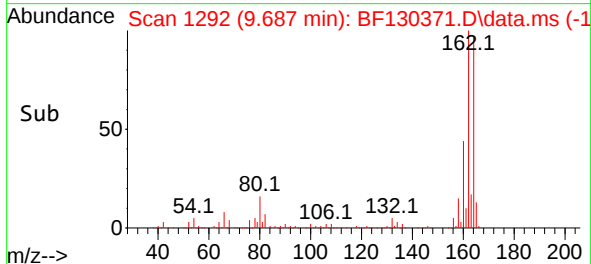
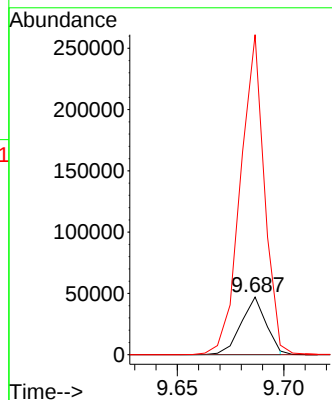
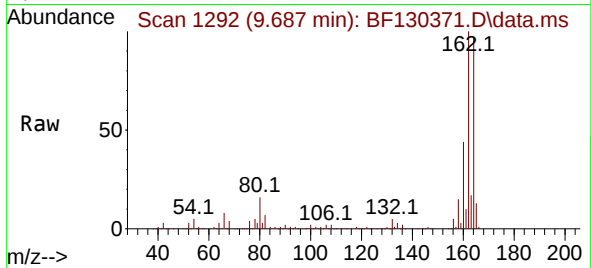




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

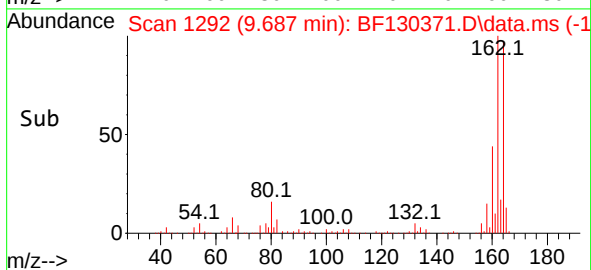
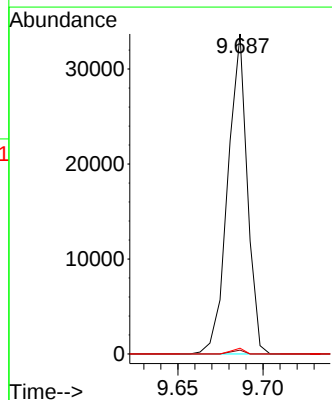
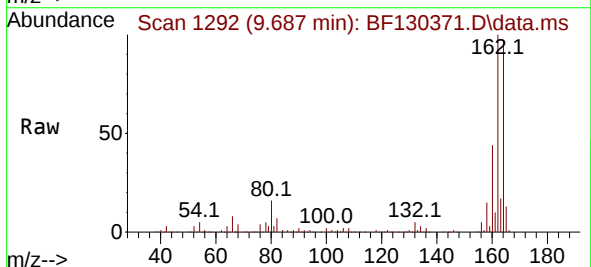
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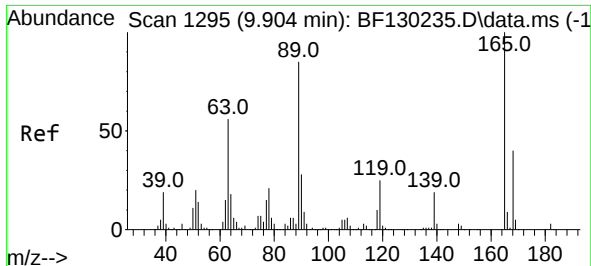
Tgt Ion:163 Resp: 38648
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 556.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.029 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

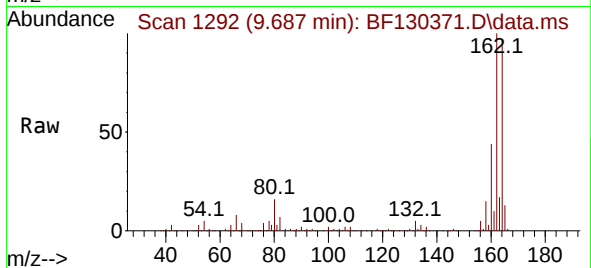
Tgt Ion:165 Resp: 26825
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.8 54.5 81.7#



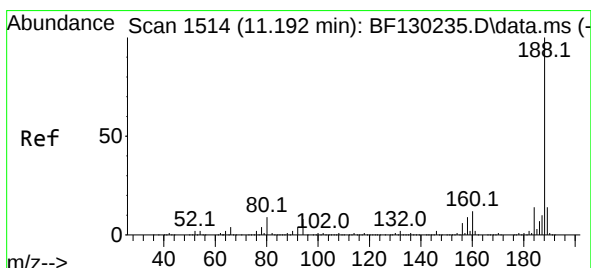
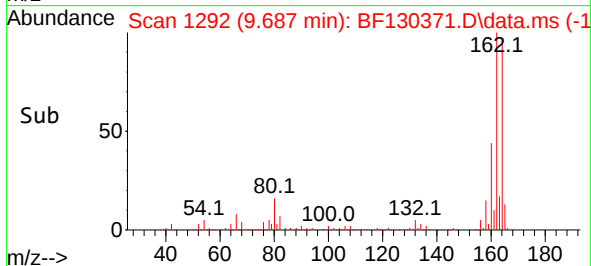
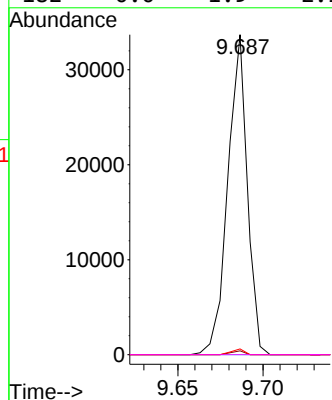


#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

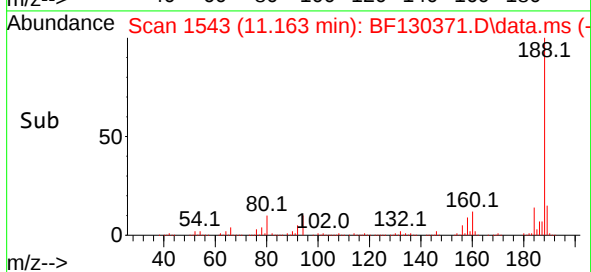
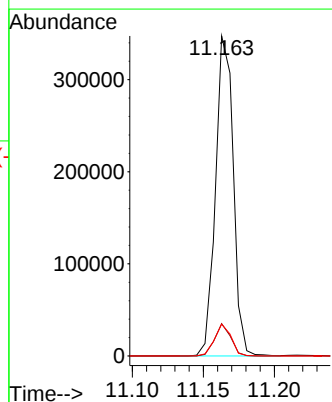
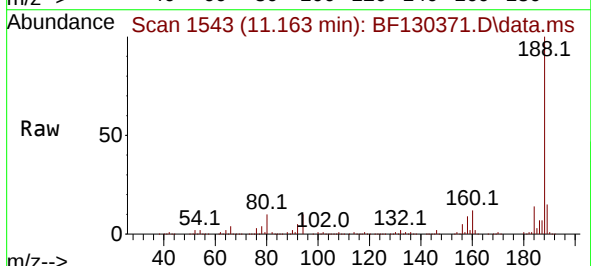


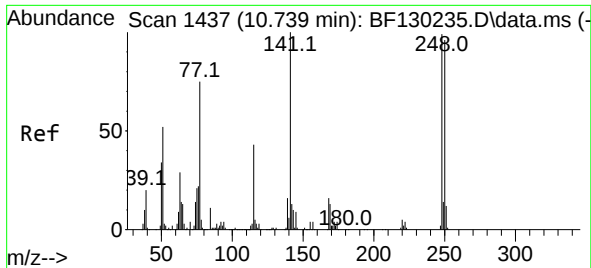
Tgt Ion:165 Resp: 26825
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Tgt Ion:188 Resp: 302364
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.0 7.9 11.9

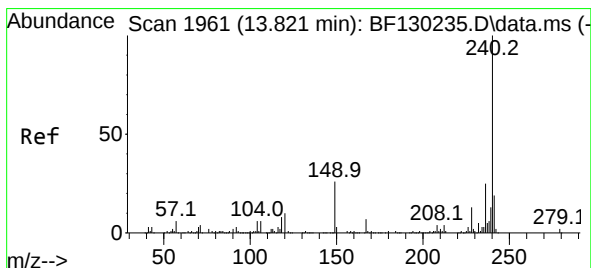
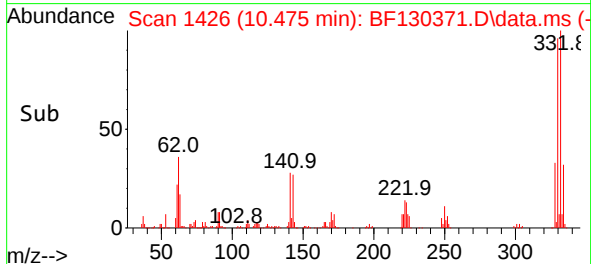
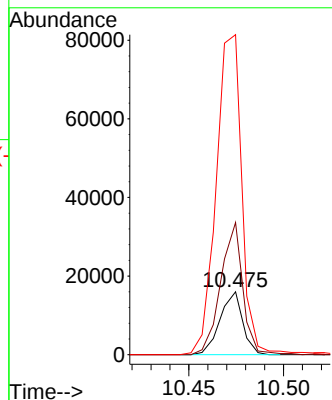
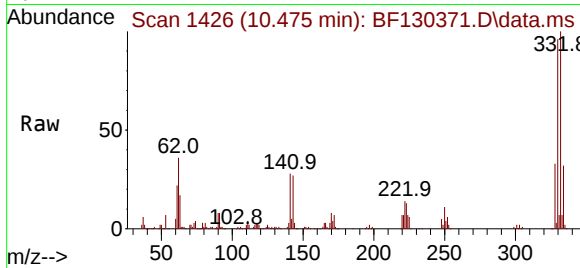




#67
4-Bromophenyl-phenylether
Concen: 3.995 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

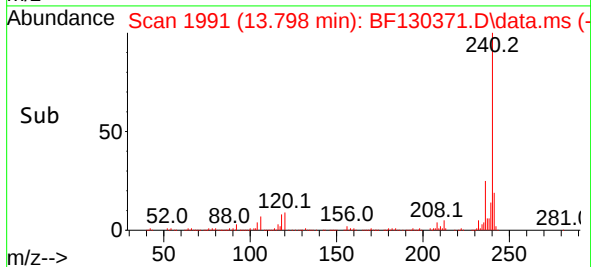
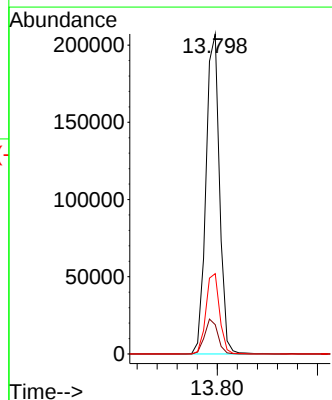
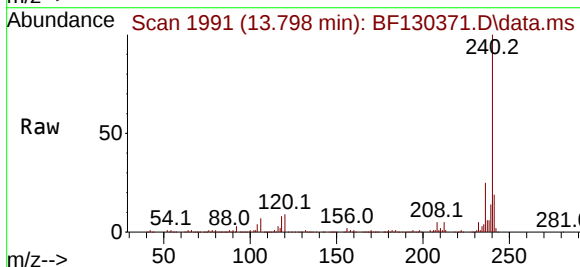
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

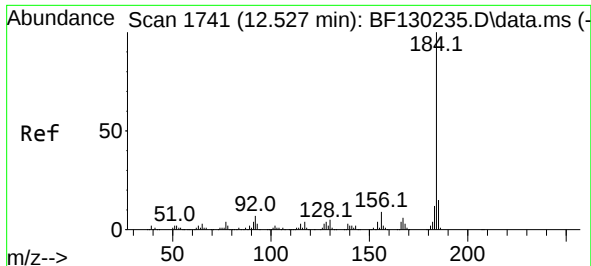
Tgt Ion:248 Resp: 13324
Ion Ratio Lower Upper
248 100
250 210.2 80.0 120.0#
141 509.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

Tgt Ion:240 Resp: 194997
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 25.1 20.9 31.3

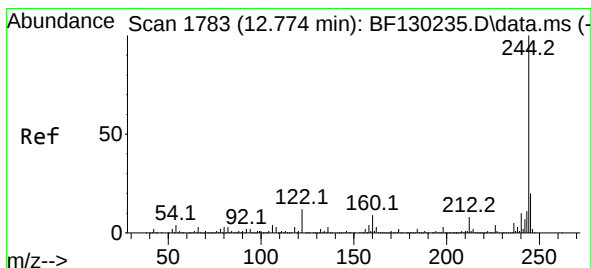
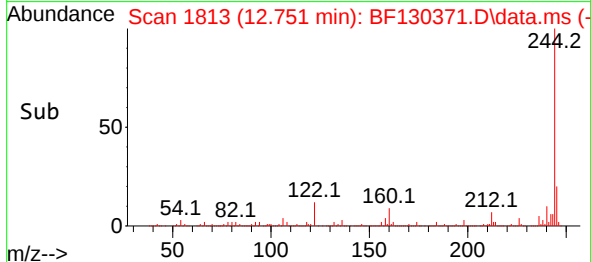
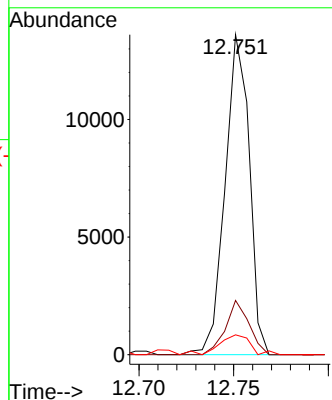
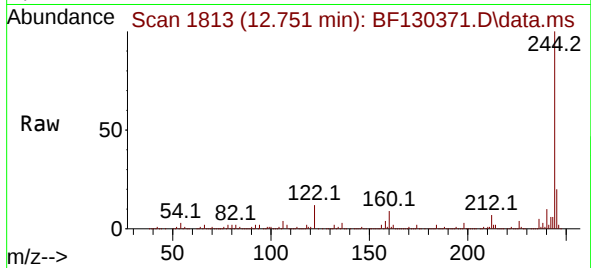




#77
Benzidine
Concen: 2.135 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

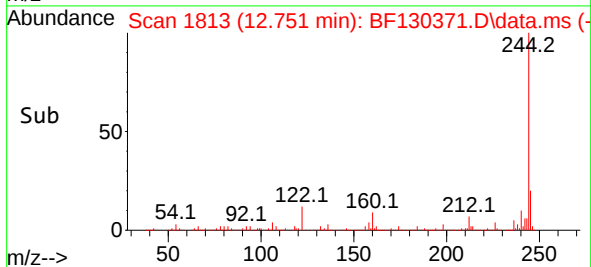
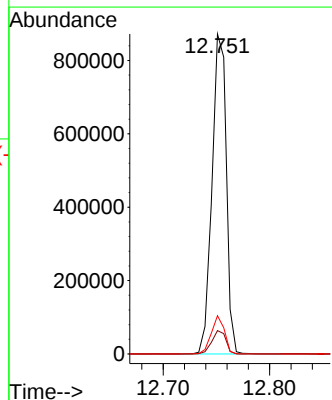
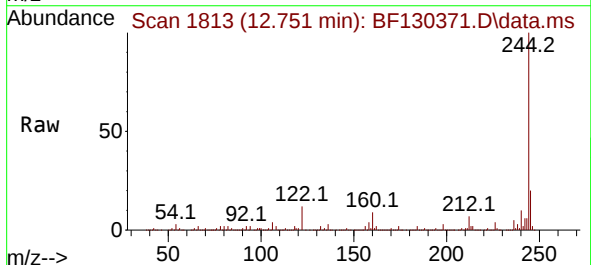
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

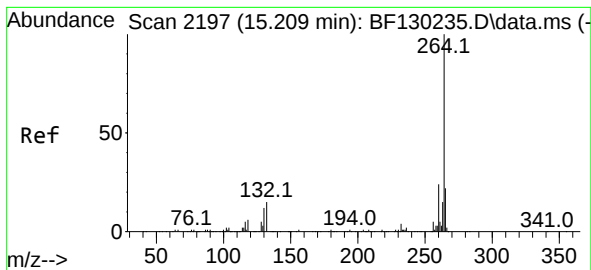
Tgt Ion:184 Resp: 12085
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 6.2 9.1 13.7#



#79
Terphenyl-d14
Concen: 68.986 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF130371.D
Acq: 21 Sep 2022 20:25

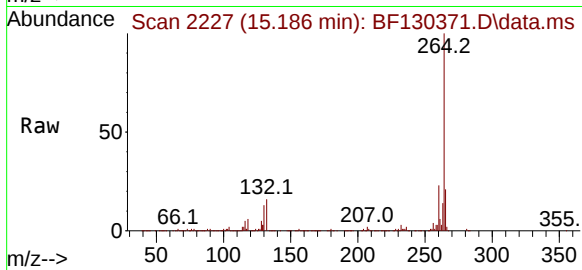
Tgt Ion:244 Resp: 812083
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.9 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130371.D
 Acq: 21 Sep 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP



Tgt Ion:264 Resp: 206198
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.2 17.0 25.4

