

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130909.D
 Acq On : 01 Nov 2022 19:59
 Operator : CG\JU
 Sample : N5234-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

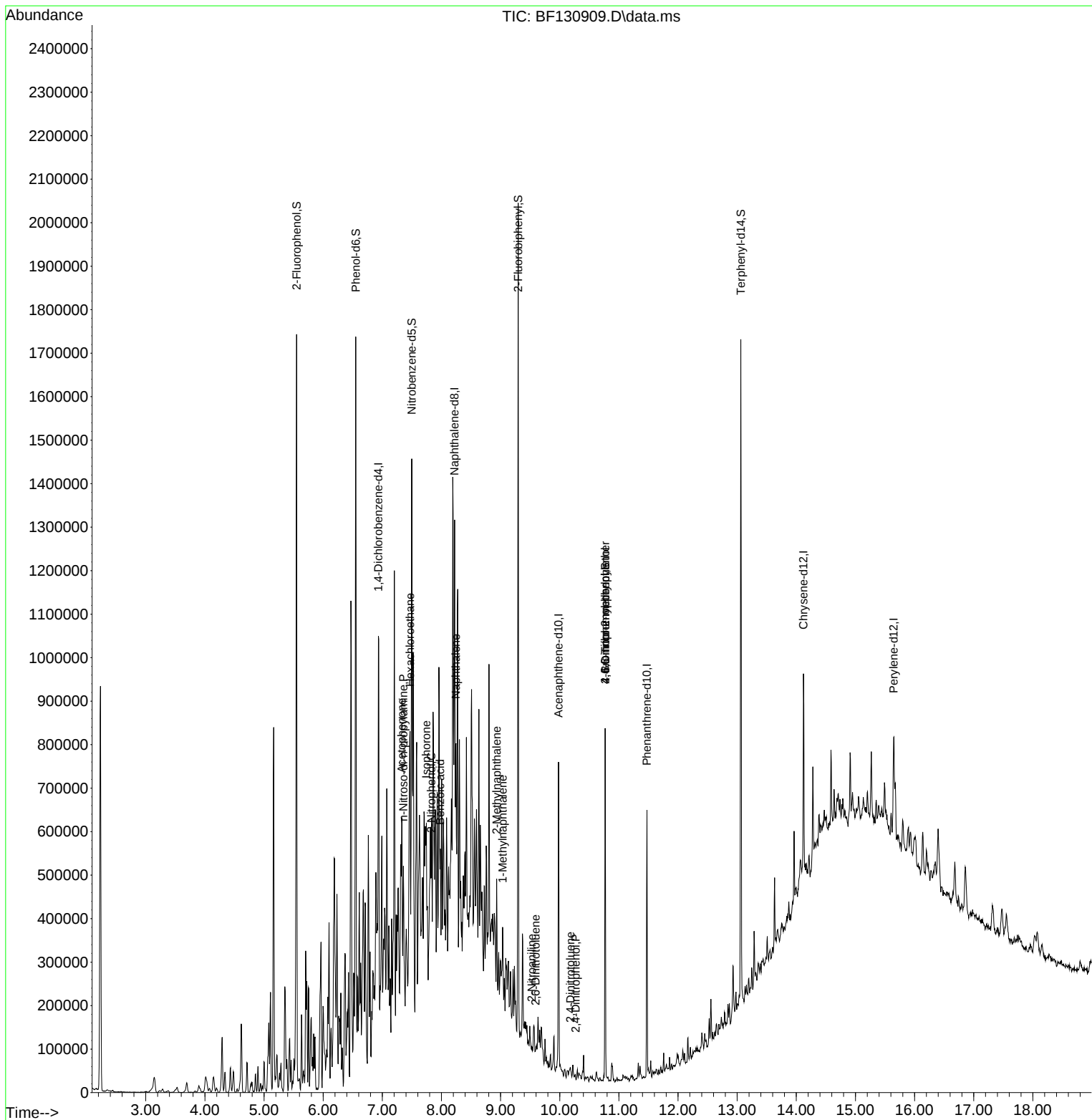
Quant Time: Nov 02 08:23:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

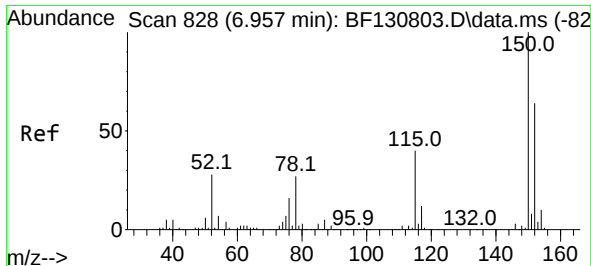
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	79963	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	273303	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	124649	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	201864	20.000	ng	0.00
76) Chrysene-d12	14.121	240	157089	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	106311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	382443	82.914	ng	0.00
7) Phenol-d6	6.551	99	469392	78.311	ng	0.00
23) Nitrobenzene-d5	7.498	82	305759	67.460	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	78619	74.926	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	497963	60.399	ng	0.00
79) Terphenyl-d14	13.063	244	468416	54.641	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.469	117	16529	7.738	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	15316	3.756	ng	# 62
22) Acetophenone	7.328	105	44485	6.713	ng	# 58
25) Isophorone	7.745	82	20292	2.171	ng	# 1
26) 2-Nitrophenol	7.828	139	2172	5.099	ng	# 1
31) Naphthalene	8.245	128	90501	6.347	ng	# 95
32) Benzoic acid	7.975	122	569	7.853	ng	# 1
37) 2-Methylnaphthalene	8.934	142	55629	6.202	ng	96
38) 1-Methylnaphthalene	9.034	142	38321	4.390	ng	99
48) 2-Nitroaniline	9.528	65	463	4.332	ng	# 17
51) 2,6-Dinitrotoluene	9.592	165	691	3.188	ng	# 45
54) 2,4-Dinitrophenol	10.269	184	53	4.251	ng	# 21
57) 2,4-Dinitrotoluene	10.181	165	587	3.971	ng	# 40
65) 4,6-Dinitro-2-methylph...	10.769	198	285	8.210	ng	# 1
67) 4-Bromophenyl-phenylether	10.769	248	5163	2.543	ng	# 1

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

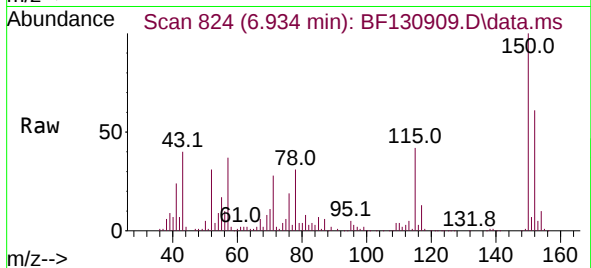
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



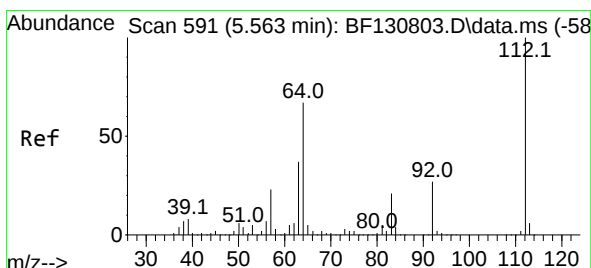
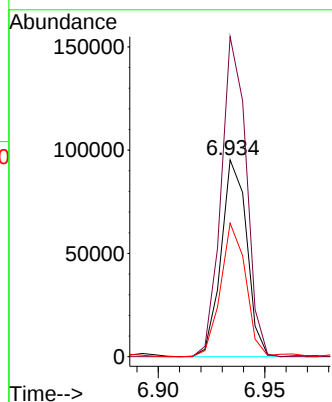
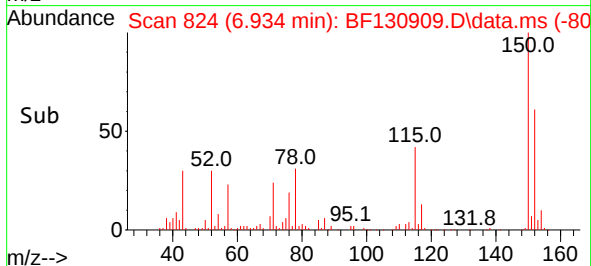


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

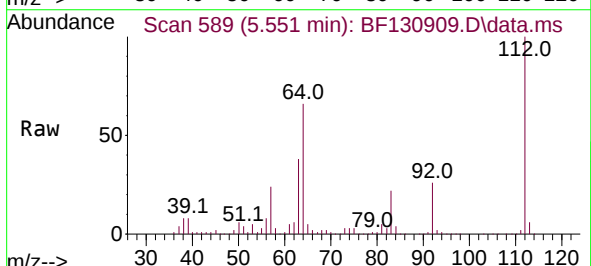
Instrument :
BNA_F
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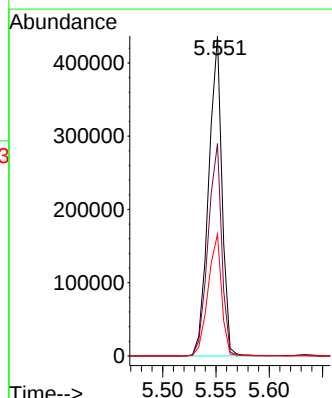
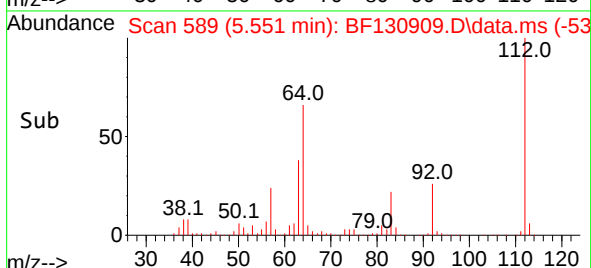
Tgt Ion:152 Resp: 79963
Ion Ratio Lower Upper
152 100
150 162.7 124.1 186.1
115 67.8 50.1 75.1

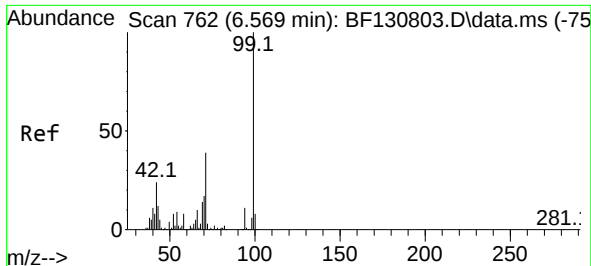


#5
2-Fluorophenol
Concen: 82.914 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59



Tgt Ion:112 Resp: 382443
Ion Ratio Lower Upper
112 100
64 66.3 53.9 80.9
63 38.1 29.4 44.2

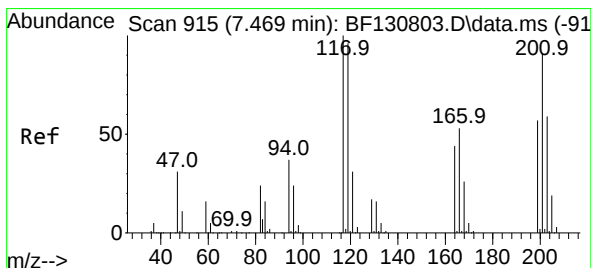
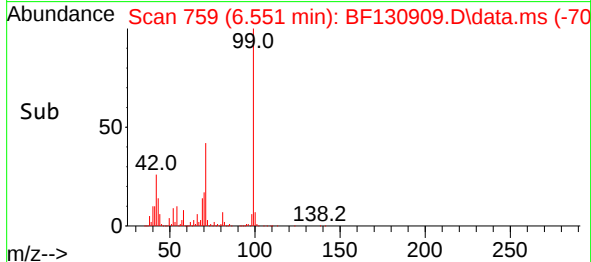
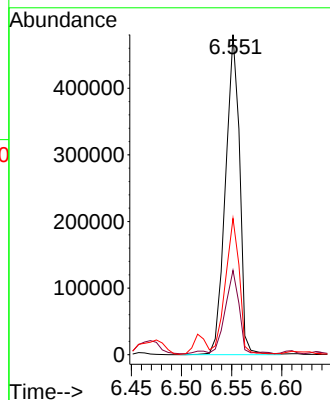
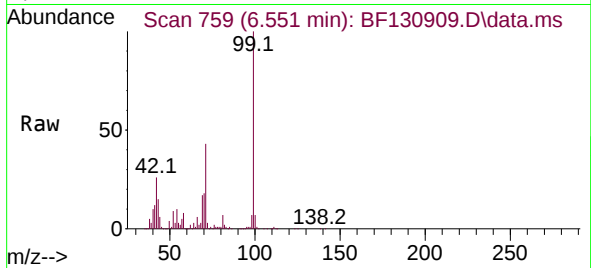




#7
Phenol-d6
Concen: 78.311 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

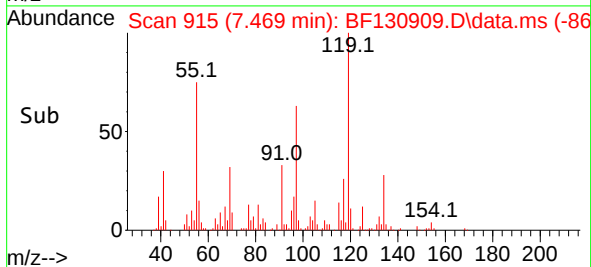
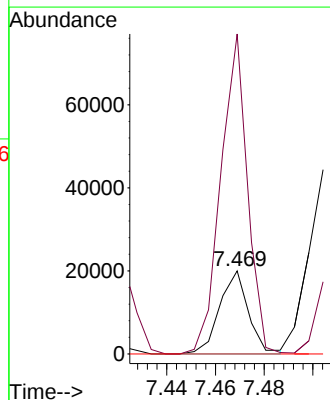
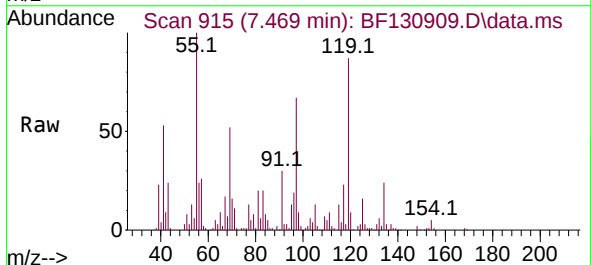
Instrument :
BNA_F
ClientSampleId :

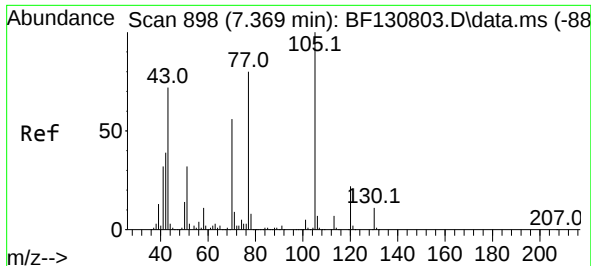
Tgt Ion: 99 Resp: 469392
Ion Ratio Lower Upper
99 100
42 26.3 18.8 28.2
71 42.6 31.4 47.0



#18
Hexachloroethane
Concen: 7.738 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.018 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

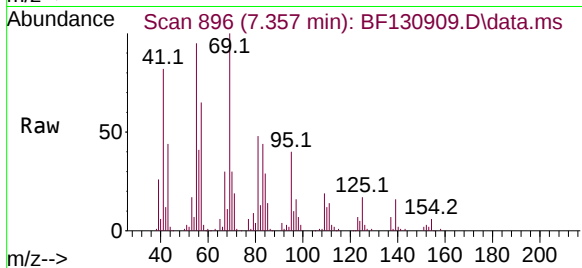
Tgt Ion: 117 Resp: 16529
Ion Ratio Lower Upper
117 100
119 385.1 77.1 115.7#
201 0.0 72.9 109.3#



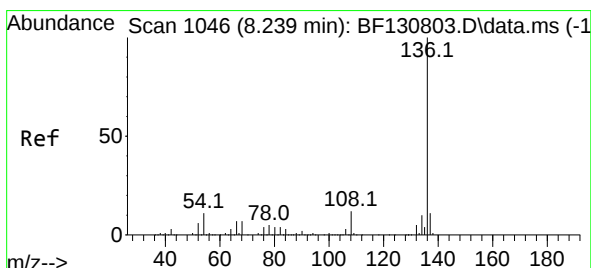
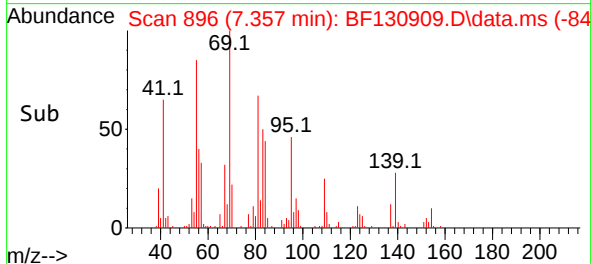
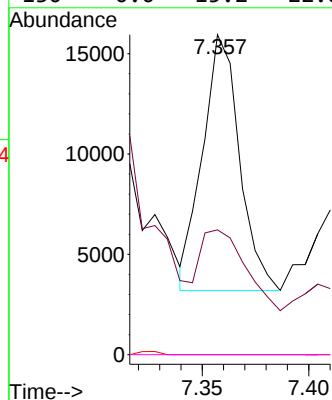


#19
n-Nitroso-di-n-propylamine
Concen: 3.756 ng
RT: 7.357 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Instrument :
BNA_F
ClientSampleId :

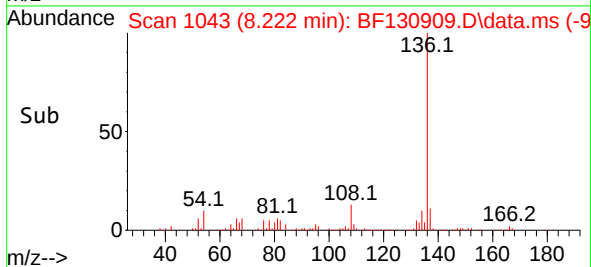
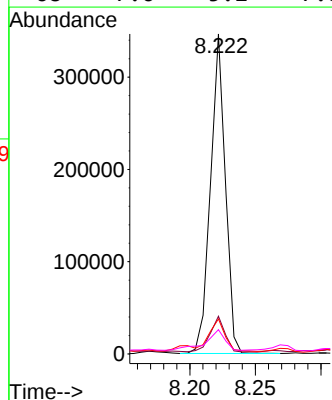
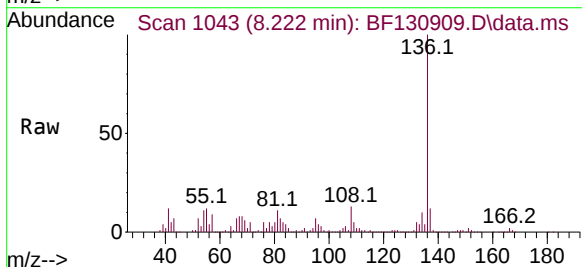


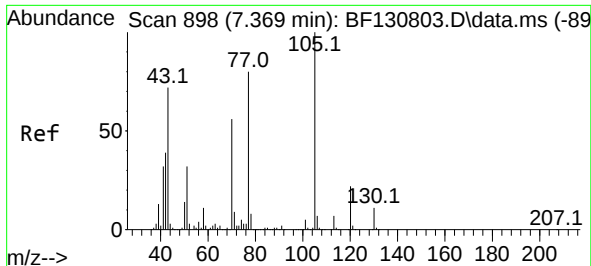
Tgt Ion: 70 Resp: 15316
Ion Ratio Lower Upper
70 100
42 39.0 56.1 84.1#
101 0.0 7.3 10.9#
130 0.0 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

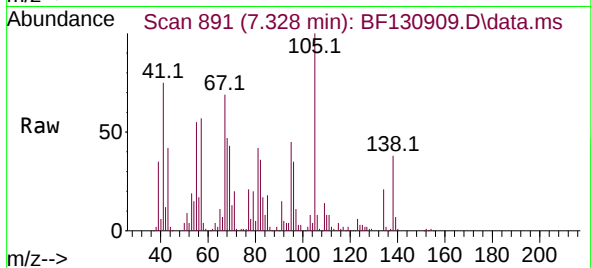
Tgt Ion:136 Resp: 273303
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 11.0 8.8 13.2
68 7.6 5.2 7.8



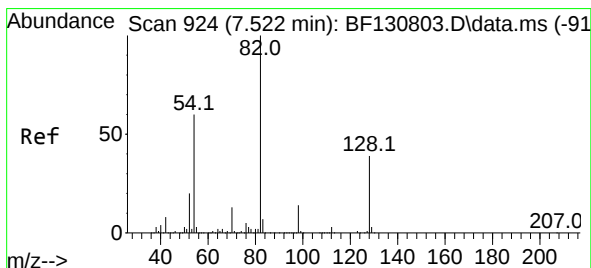
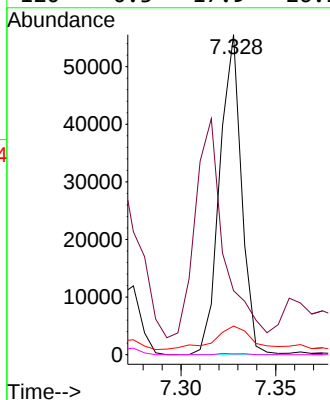
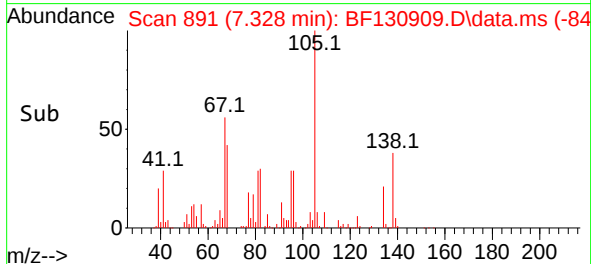


#22
Acetophenone
Concen: 6.713 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.023 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

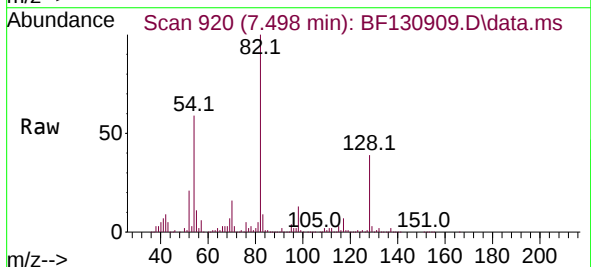
Instrument :
BNA_F
ClientSampleId :



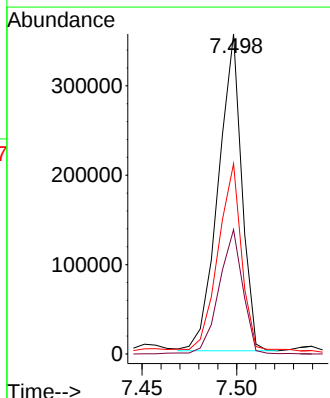
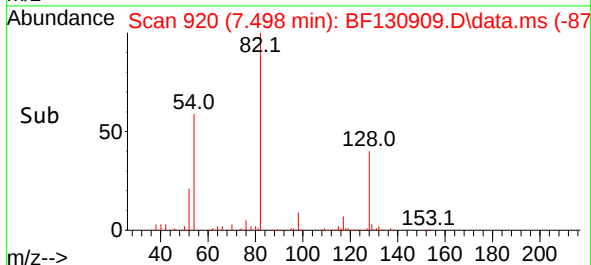
Tgt Ion:105 Resp: 44485
Ion Ratio Lower Upper
105 100
71 20.0 7.2 10.8#
51 9.0 25.9 38.9#
120 0.3 17.9 26.9#

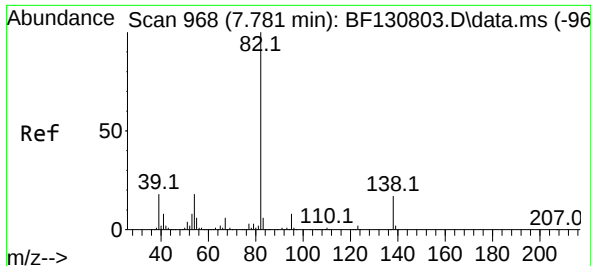


#23
Nitrobenzene-d5
Concen: 67.460 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59



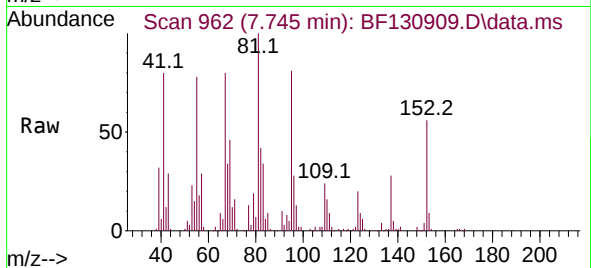
Tgt Ion: 82 Resp: 305759
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 59.4 48.0 72.0



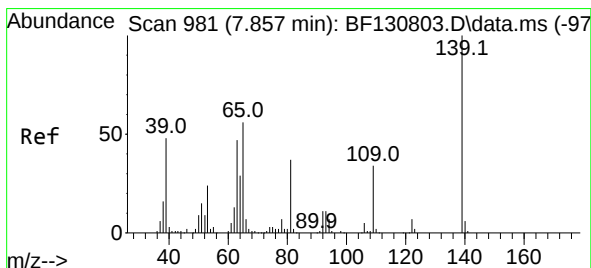
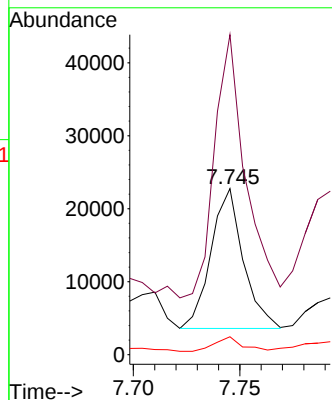
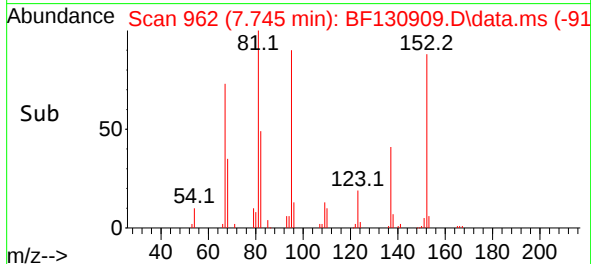


#25
Isophorone
Concen: 2.171 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Instrument :
BNA_F
ClientSampleId :

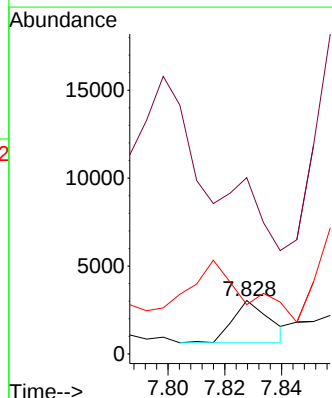
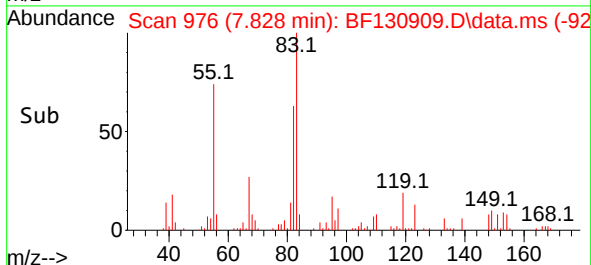
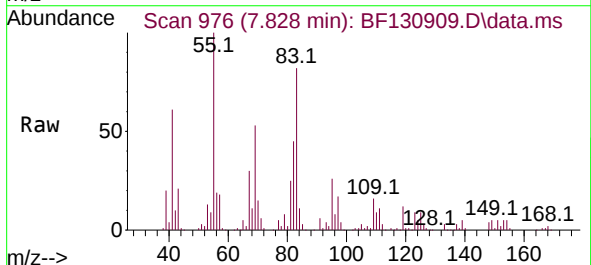


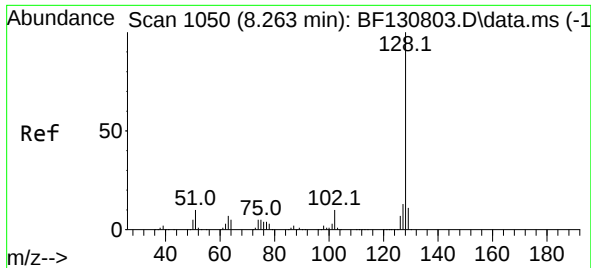
Tgt Ion: 82 Resp: 20292
Ion Ratio Lower Upper
82 100
95 192.7 6.2 9.4#
138 10.8 13.8 20.6#



#26
2-Nitrophenol
Concen: 5.099 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion: 139 Resp: 2172
Ion Ratio Lower Upper
139 100
109 330.4 27.3 40.9#
65 92.2 44.6 67.0#

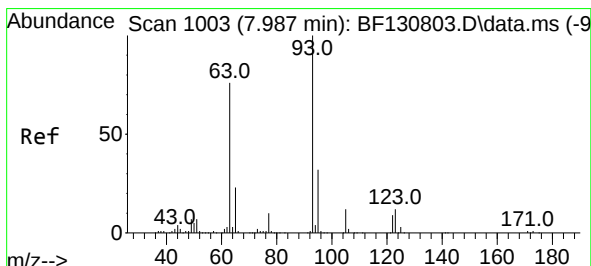
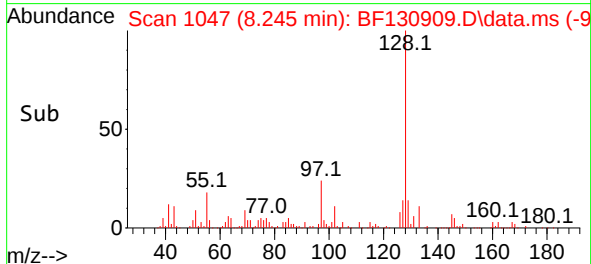
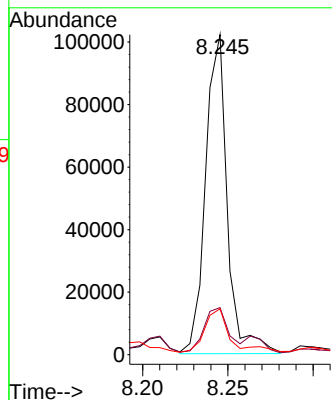
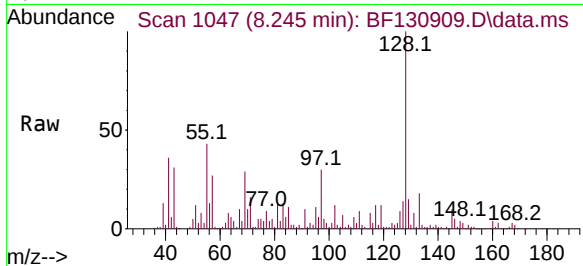




#31
Naphthalene
Concen: 6.347 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

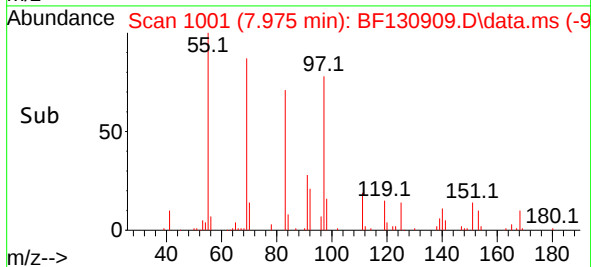
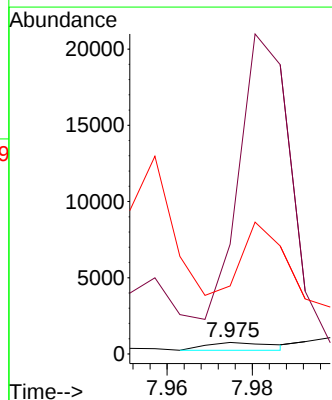
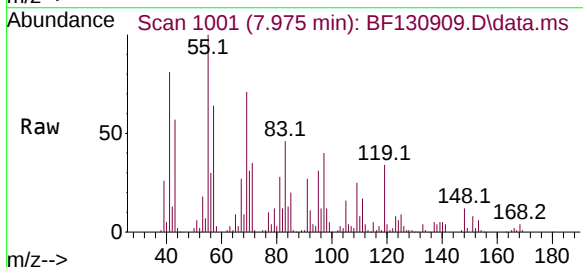
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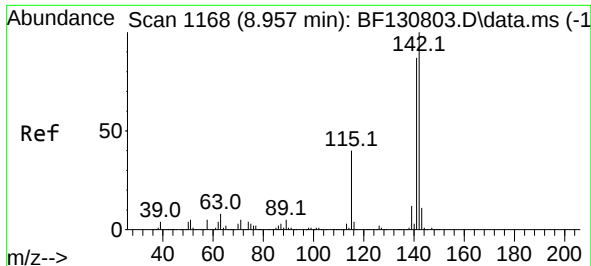
Tgt Ion:128 Resp: 90501
Ion Ratio Lower Upper
128 100
129 14.7 9.0 13.6#
127 14.3 10.6 16.0



#32
Benzoic acid
Concen: 7.853 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:122 Resp: 569
Ion Ratio Lower Upper
122 100
105 951.4 114.5 154.5#
77 589.8 89.8 129.8#





#37

2-Methylnaphthalene

Concen: 6.202 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

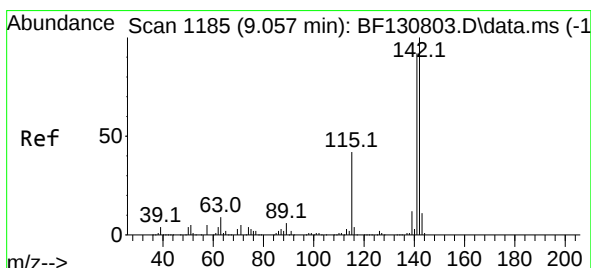
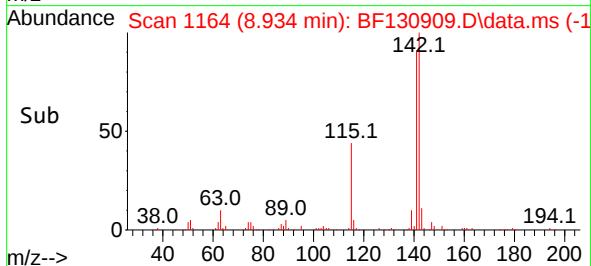
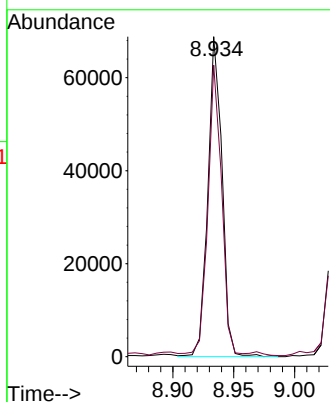
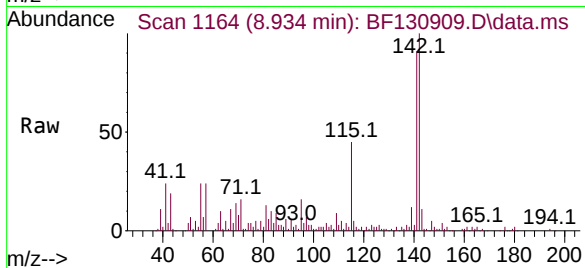
ClientSampleId :

Tgt Ion:142 Resp: 55629

Ion Ratio Lower Upper

142 100

141 91.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 4.390 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130909.D

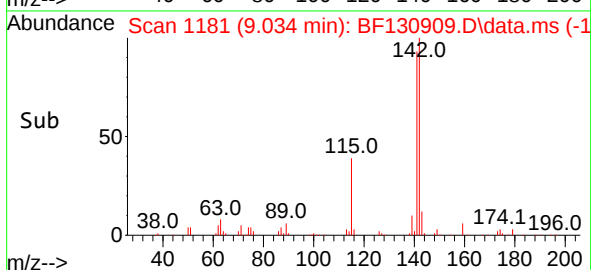
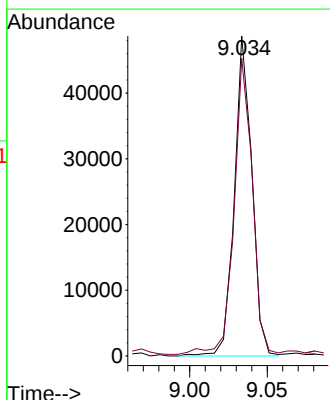
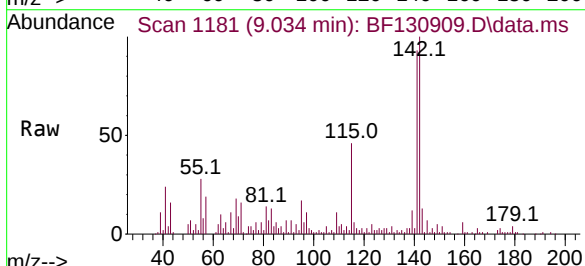
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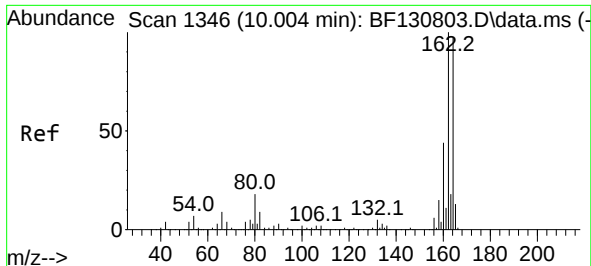
Tgt Ion:142 Resp: 38321

Ion Ratio Lower Upper

142 100

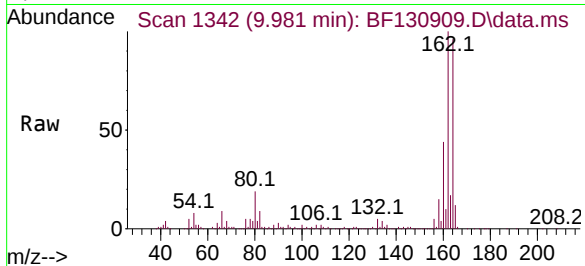
141 93.0 73.5 110.3



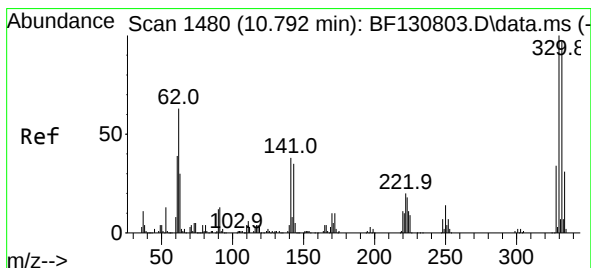
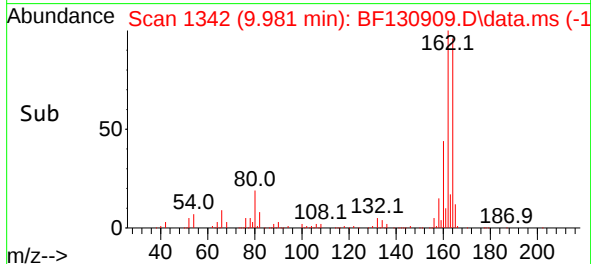
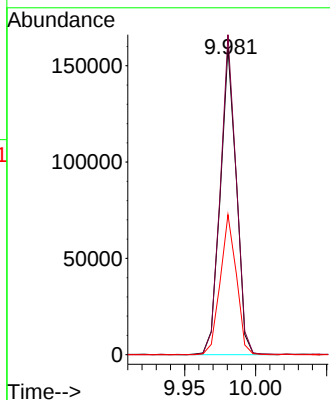


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Instrument :
BNA_F
ClientSampleId :

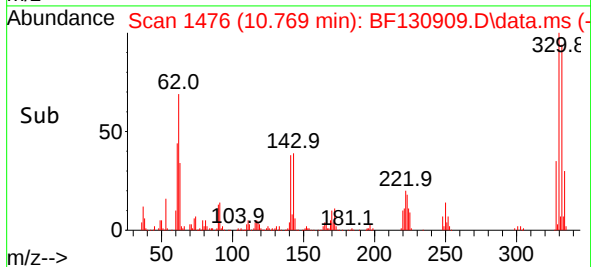
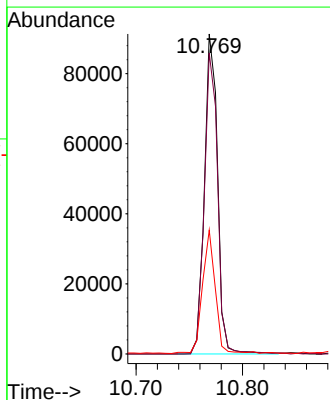
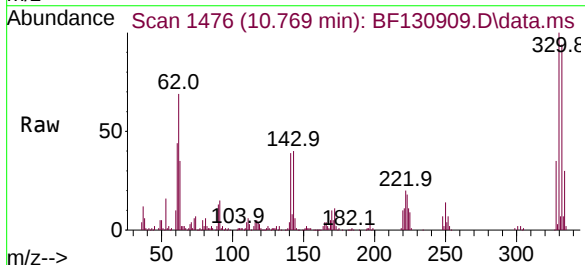


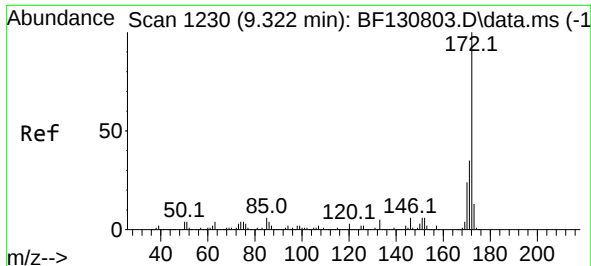
Tgt Ion:164 Resp: 124649
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.2
160 45.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 74.926 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:330 Resp: 78619
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 37.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 60.399 ng

RT: 9.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

ClientSampleId :

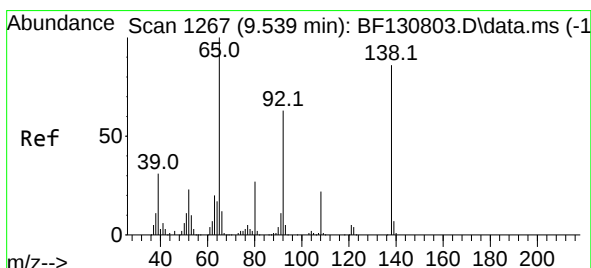
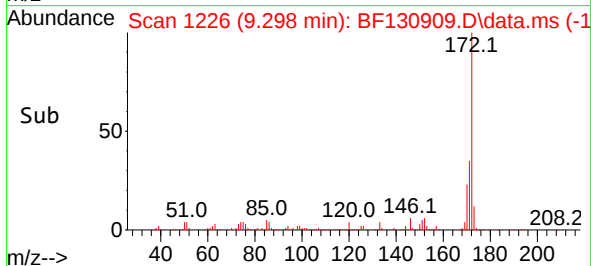
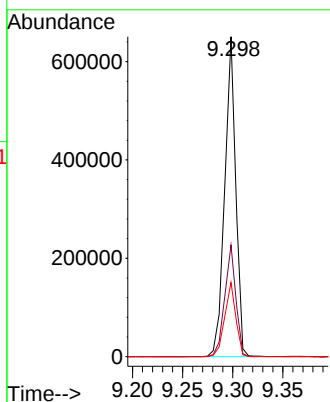
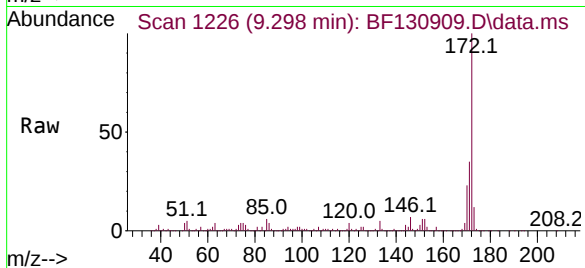
Tgt Ion:172 Resp: 497963

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 19.0 28.4



#48

2-Nitroaniline

Concen: 4.332 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

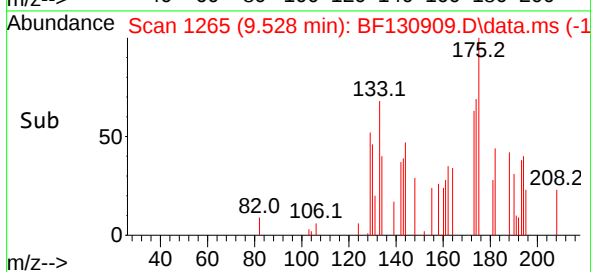
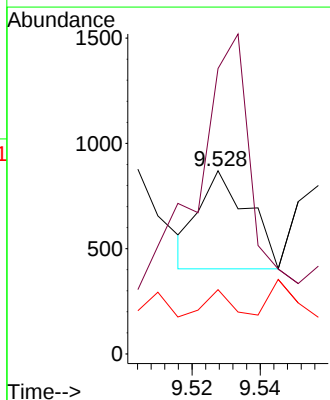
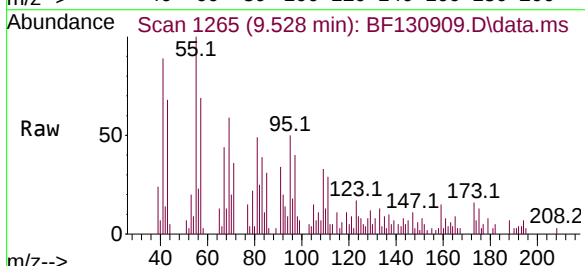
Tgt Ion: 65 Resp: 463

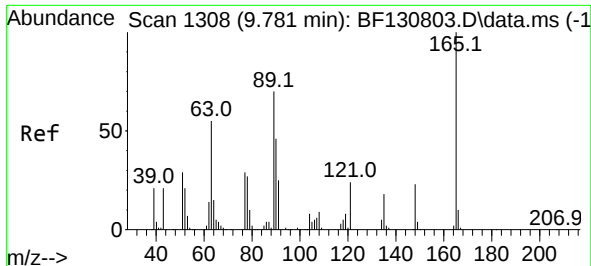
Ion Ratio Lower Upper

65 100

92 155.9 50.1 75.1#

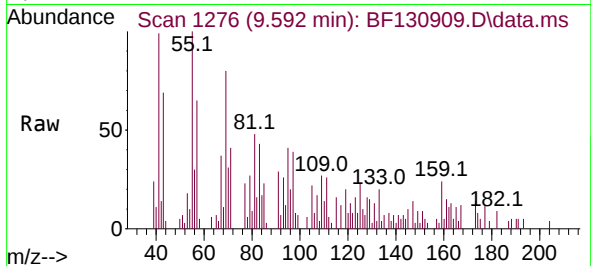
138 35.1 69.2 103.8#



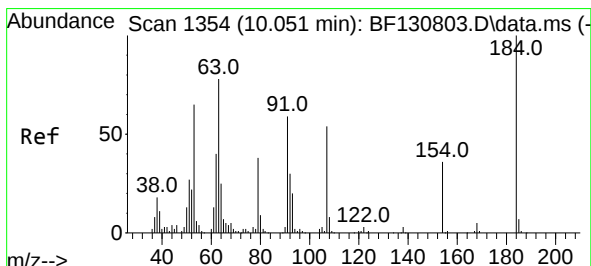
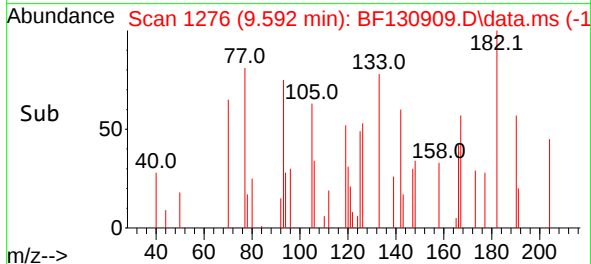
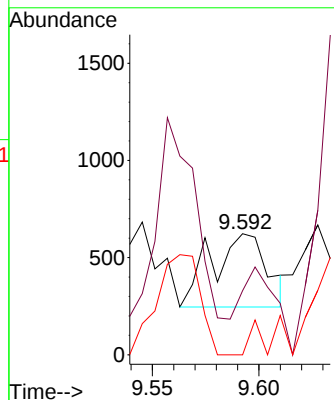


#51
2,6-Dinitrotoluene
Concen: 3.188 ng
RT: 9.592 min Scan# 1308
Delta R.T. -0.176 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Instrument :
BNA_F
ClientSampleId :

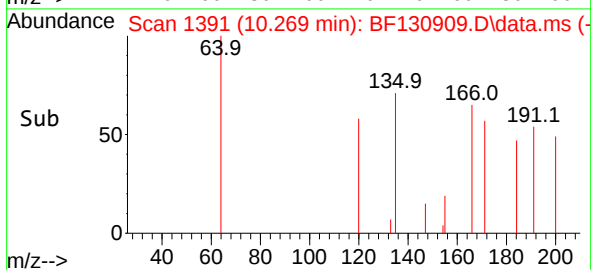
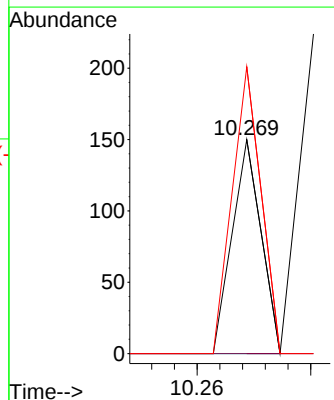
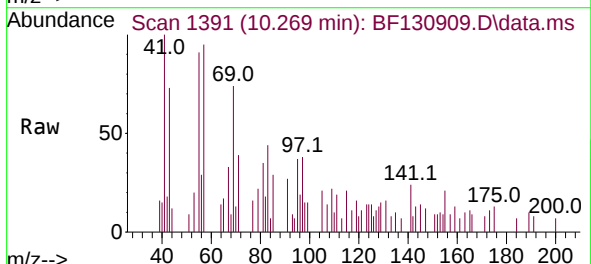


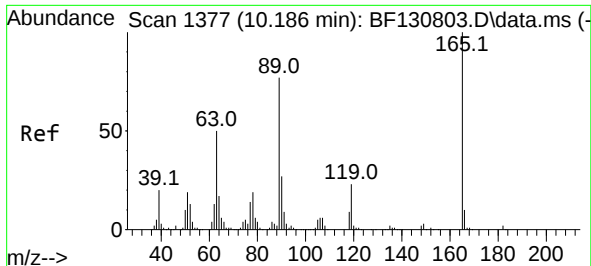
Tgt Ion:165 Resp: 691
Ion Ratio Lower Upper
165 100
63 53.0 61.8 92.8#
89 0.0 56.2 84.4#



#54
2,4-Dinitrophenol
Concen: 4.251 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.224 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

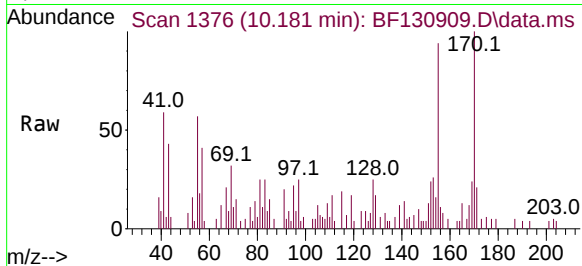
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 66.7 100.1#
154 134.0 62.2 93.2#



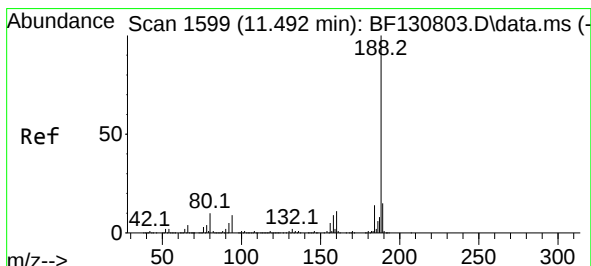
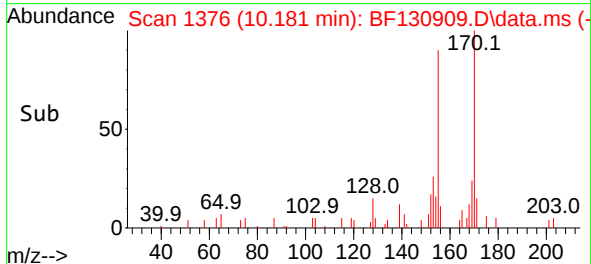
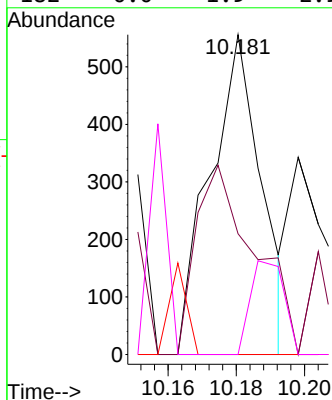


#57
2,4-Dinitrotoluene
Concen: 3.971 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Instrument :
BNA_F
ClientSampleId :

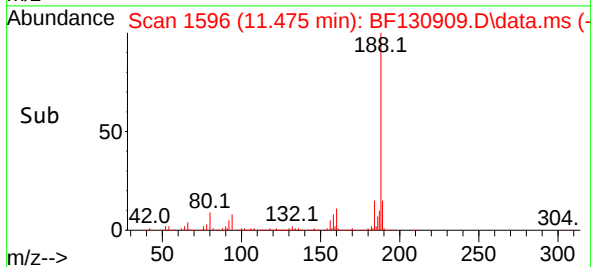
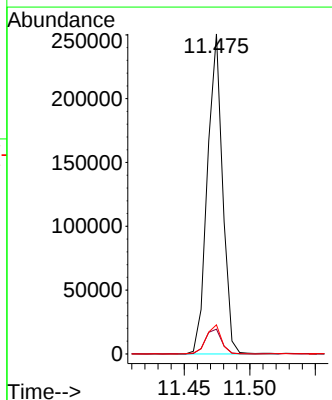
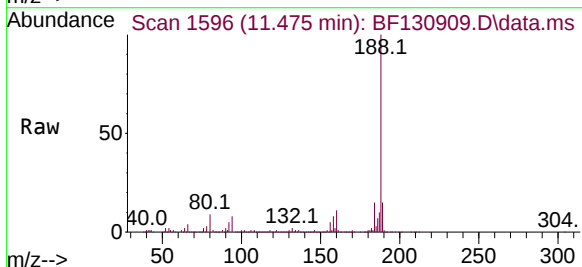


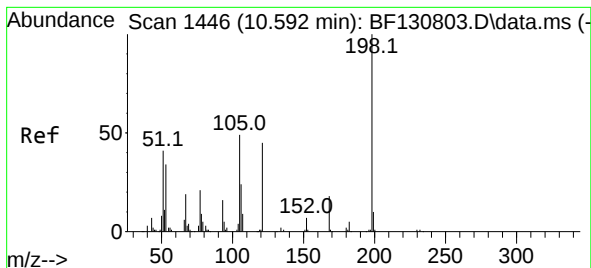
Tgt Ion:	165	Resp:	587
Ion Ratio	Lower	Upper	
165	100		
63	37.8	39.8	59.6#
89	0.0	61.9	92.9#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

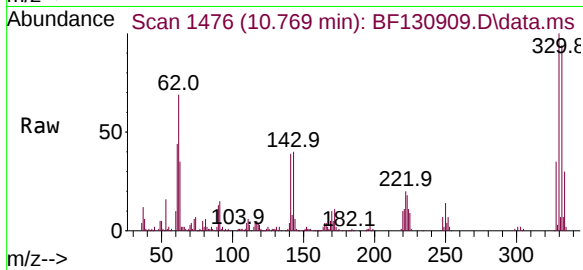
Tgt Ion:	188	Resp:	201864
Ion Ratio	Lower	Upper	
188	100		
94	7.8	7.4	11.2
80	9.1	8.0	12.0



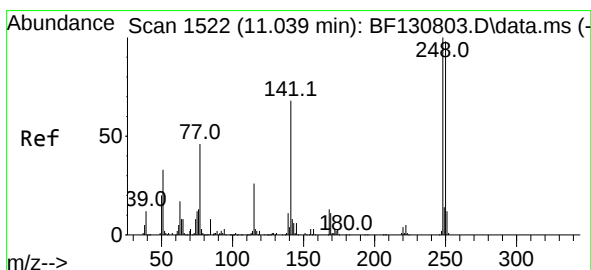
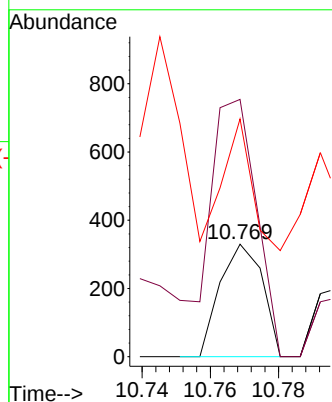
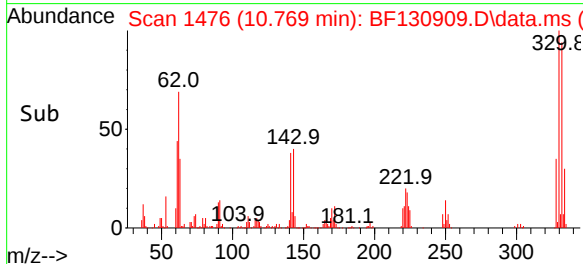


#65
4,6-Dinitro-2-methylphenol
Concen: 8.210 ng
RT: 10.769 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

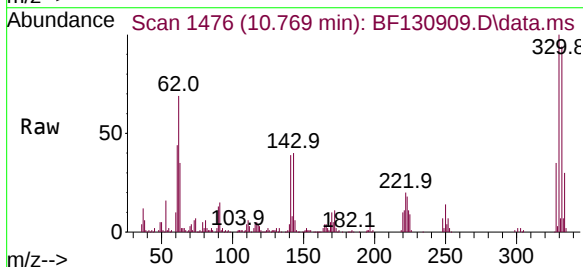
Instrument :
BNA_F
ClientSampleId :



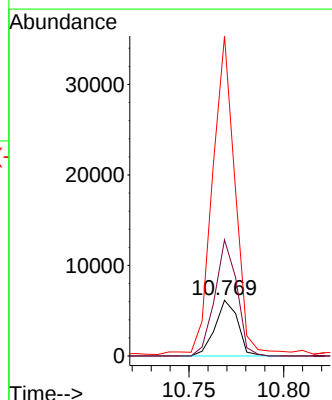
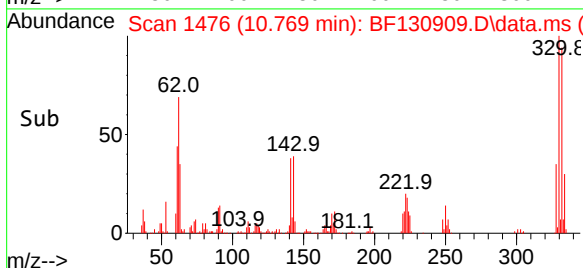
Tgt Ion:198 Resp: 285
Ion Ratio Lower Upper
198 100
51 228.5 39.0 79.0#
105 211.2 30.6 70.6#

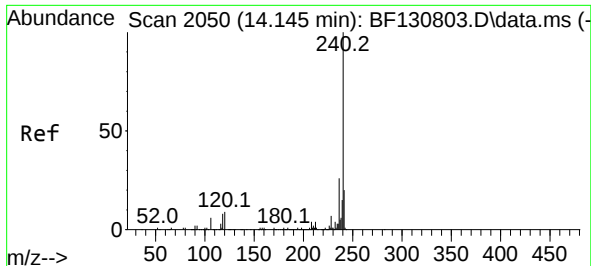


#67
4-Bromophenyl-phenylether
Concen: 2.543 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.253 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59



Tgt Ion:248 Resp: 5163
Ion Ratio Lower Upper
248 100
250 208.6 78.6 117.8#
141 574.8 54.2 81.4#

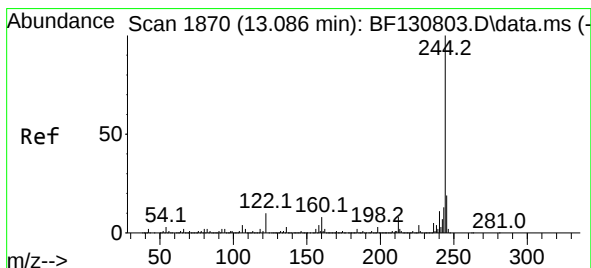
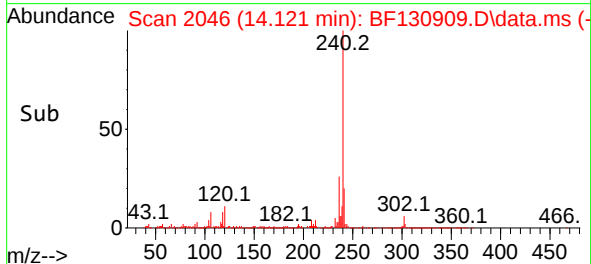
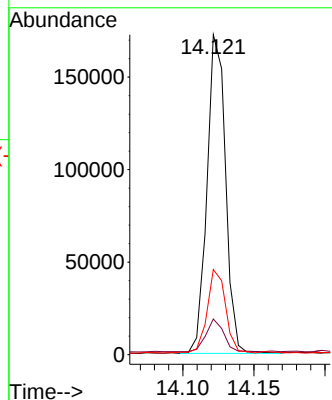
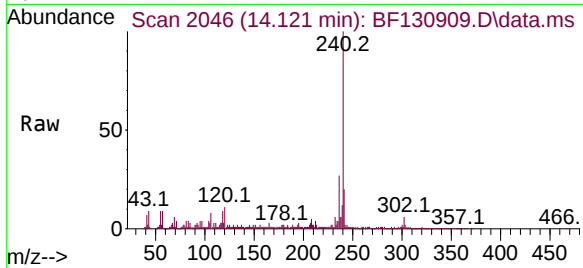




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

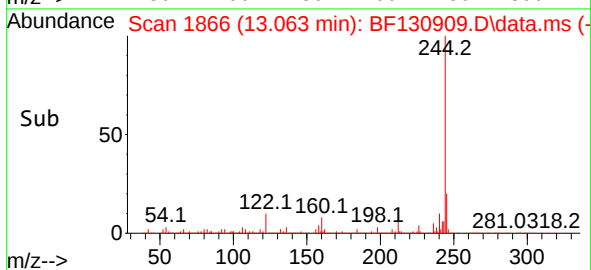
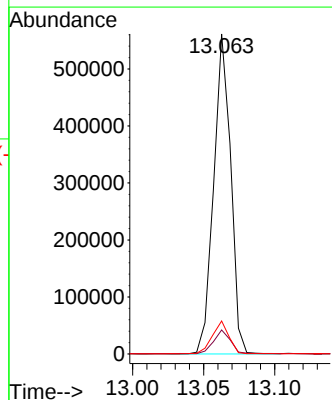
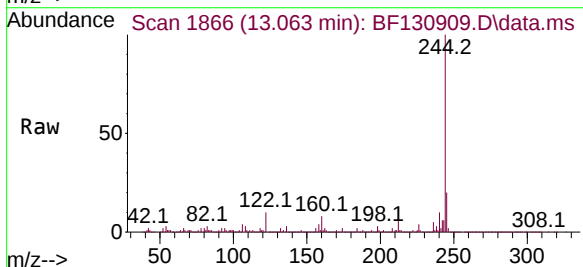
Instrument :
BNA_F
ClientSampleId :

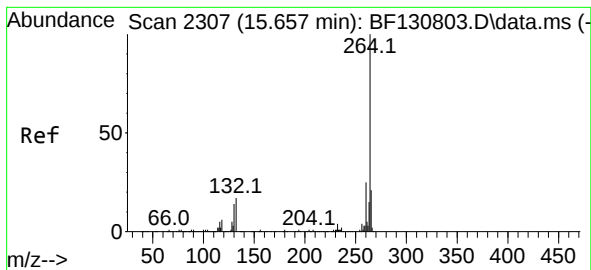
Tgt Ion:240 Resp: 157089
Ion Ratio Lower Upper
240 100
120 11.1 7.0 10.4#
236 26.6 20.5 30.7



#79
Terphenyl-d14
Concen: 54.641 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:244 Resp: 468416
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. 0.000 min

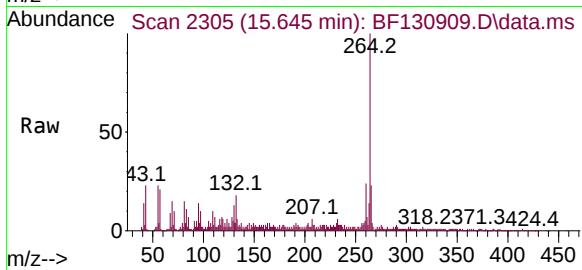
Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 106311

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 23.4 17.0 25.6

