

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130974.D
 Acq On : 03 Nov 2022 23:03
 Operator : CG\JU
 Sample : N4396-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-I

Quant Time: Nov 04 06:24:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

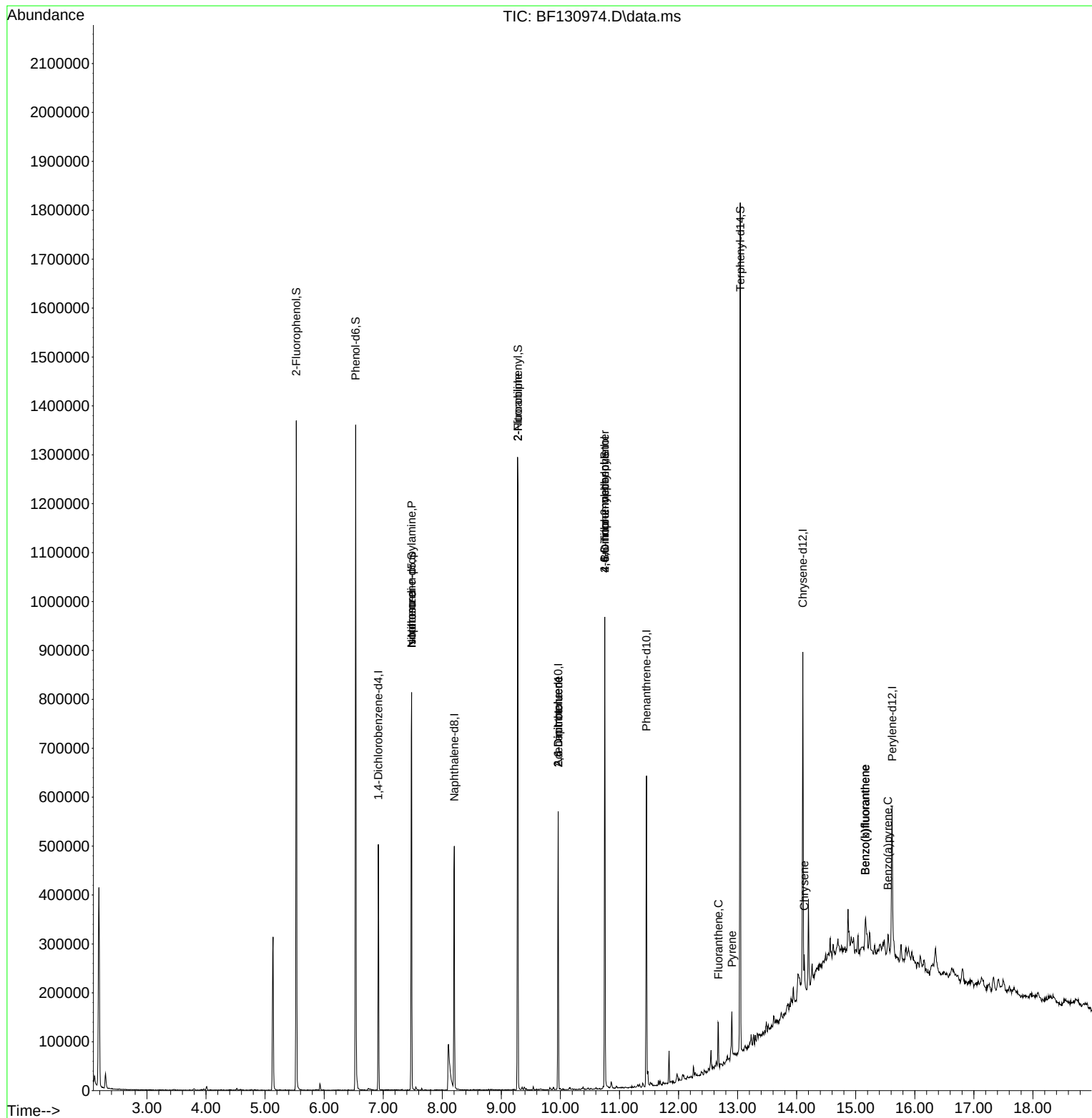
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	64014	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	204321	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	101913	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	212717	20.000	ng	0.00
76) Chrysene-d12	14.104	240	213447	20.000	ng	0.00
86) Perylene-d12	15.616	264	140287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	330078	89.391	ng	0.00
7) Phenol-d6	6.534	99	380233	79.241	ng	0.00
23) Nitrobenzene-d5	7.481	82	238527	70.394	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	99408	115.873	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	400453	59.407	ng	0.00
79) Terphenyl-d14	13.045	244	552652	47.445	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	32157	9.850	ng	# 78
25) Isophorone	7.481	82	238524	34.136	ng	# 66
48) 2-Nitroaniline	9.281	65	748	4.512	ng	# 2
51) 2,6-Dinitrotoluene	9.963	165	12699	11.778	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	12699	10.716	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	296	8.206	ng	# 7
67) 4-Bromophenyl-phenylether	10.751	248	6147	2.873	ng	# 1
75) Fluoranthene	12.675	202	37501	3.215	ng	95
78) Pyrene	12.904	202	36202	2.010	ng	98
83) Chrysene	14.127	228	27978	2.050	ng	95
88) Benzo(b)fluoranthene	15.163	252	37857	4.175	ng	# 81
89) Benzo(k)fluoranthene	15.163	252	37857	4.284	ng	# 82
90) Benzo(a)pyrene	15.545	252	16705	2.291	ng	# 84

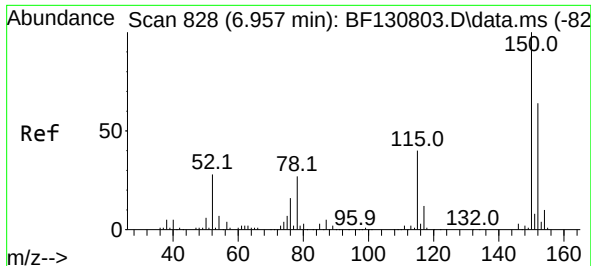
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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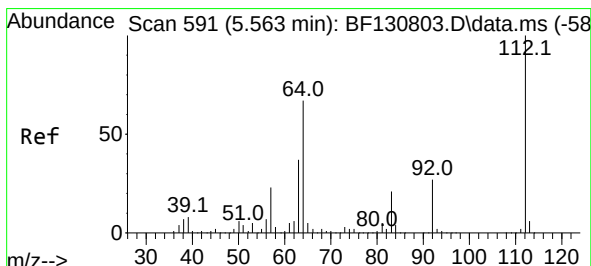
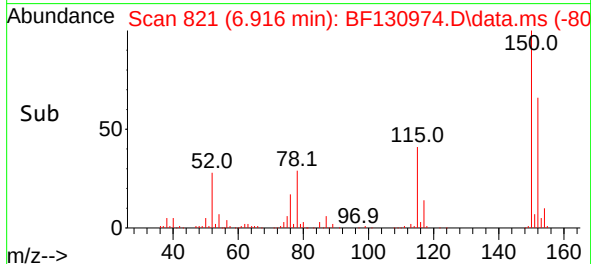
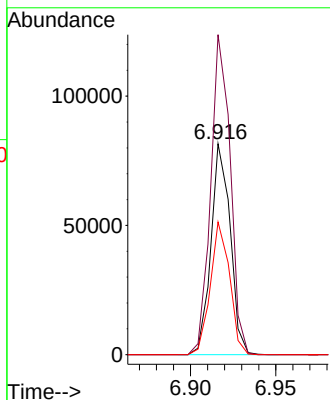
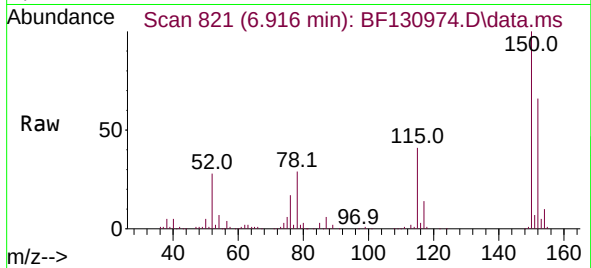




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130974.D
 Acq: 03 Nov 2022 23:03

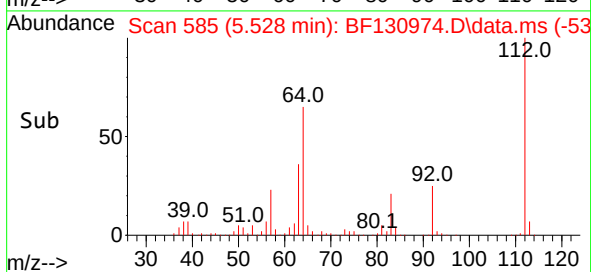
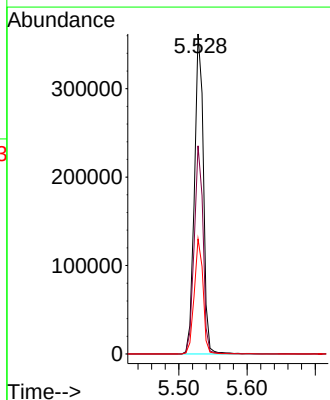
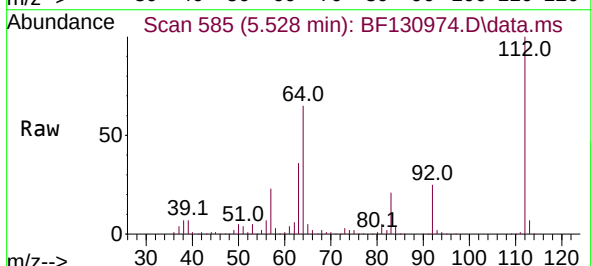
Instrument :
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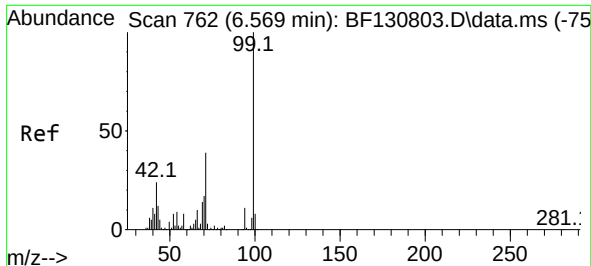
Tgt Ion:152 Resp: 64014
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.1 186.1
 115 62.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 89.391 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: BF130974.D
 Acq: 03 Nov 2022 23:03

Tgt Ion:112 Resp: 330078
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.9 80.9
 63 36.0 29.4 44.2

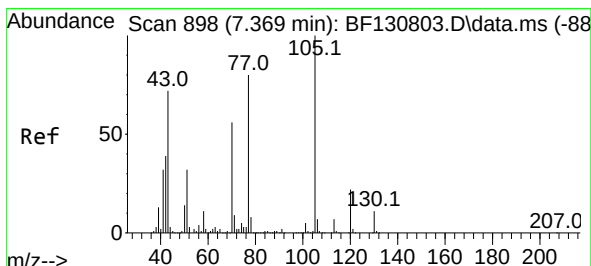
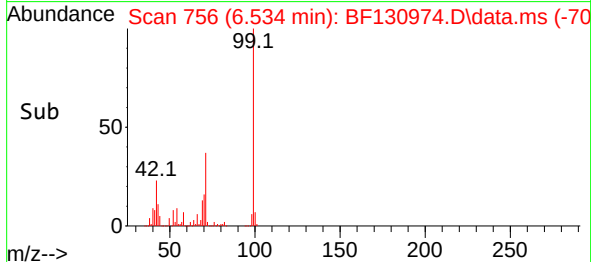
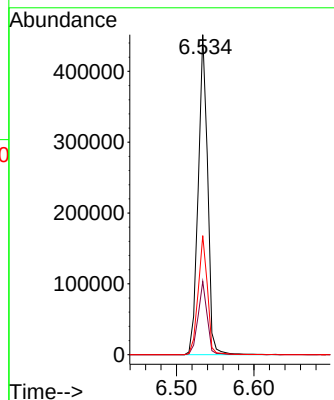
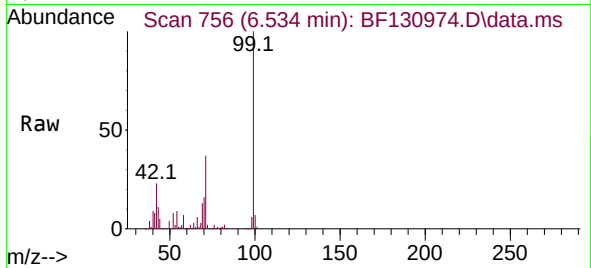




#7
Phenol-d6
Concen: 79.241 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

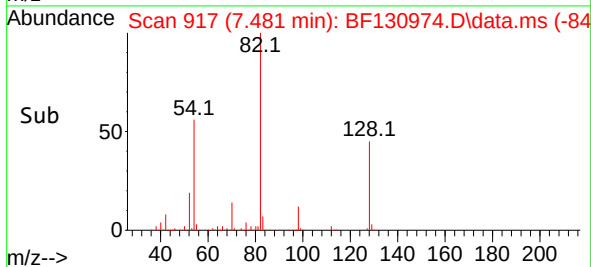
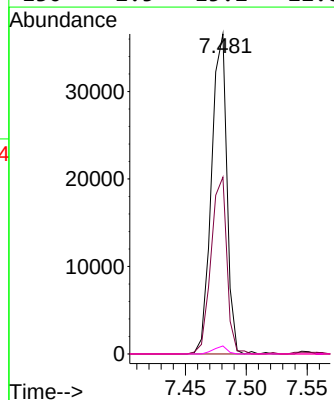
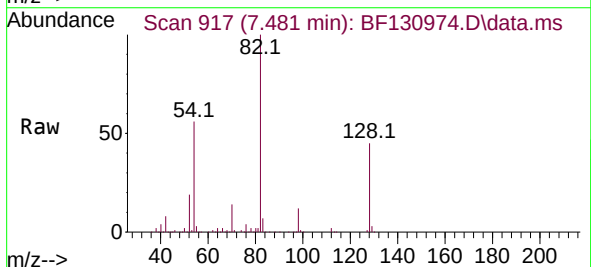
Instrument :
BNA_F
ClientSampleId :
TP-I

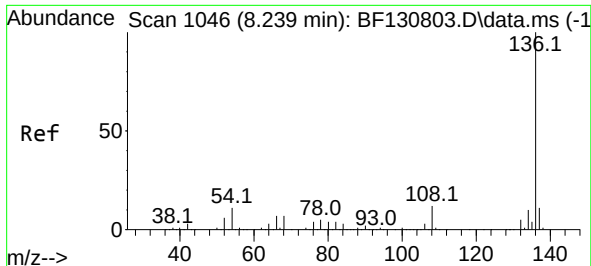
Tgt Ion: 99 Resp: 380233
Ion Ratio Lower Upper
99 100
42 22.9 18.8 28.2
71 37.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.850 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion: 70 Resp: 32157
Ion Ratio Lower Upper
70 100
42 55.2 56.1 84.1#
101 0.0 7.3 10.9#
130 2.5 15.2 22.8#

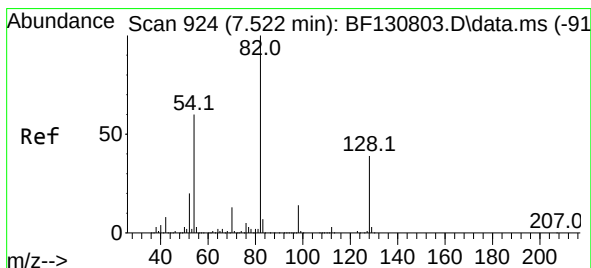
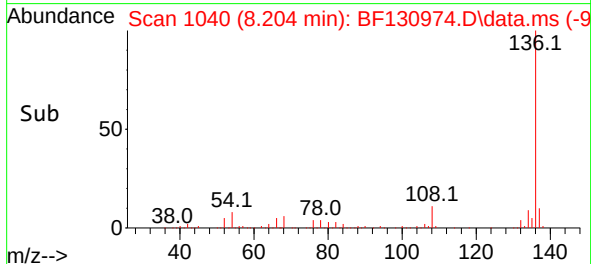
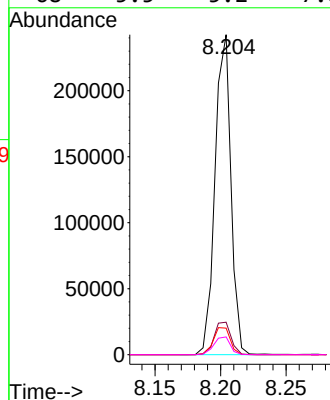
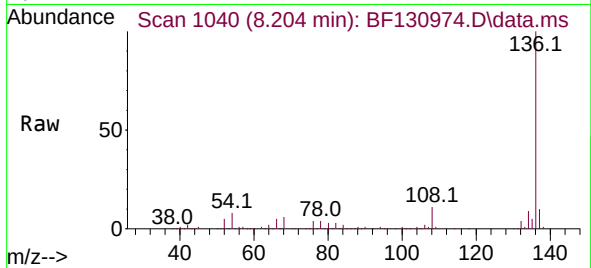




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

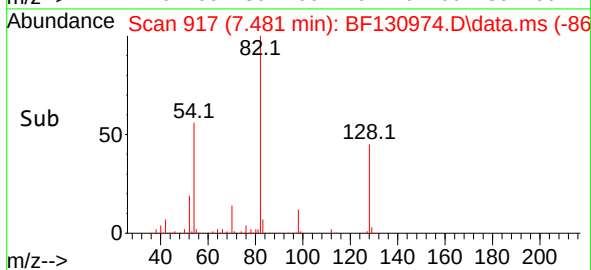
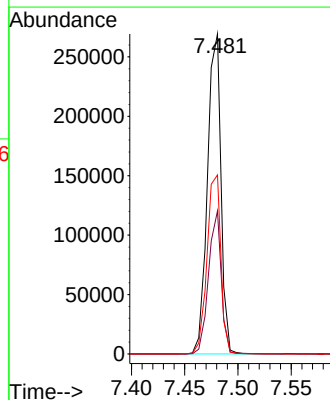
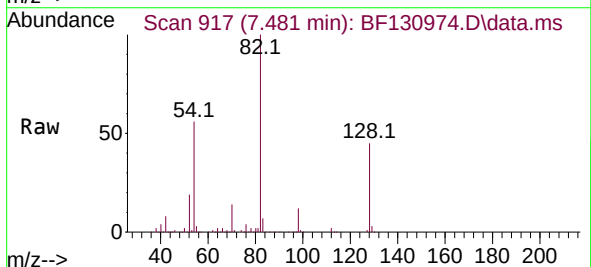
Instrument :
BNA_F
ClientSampleId :
TP-I

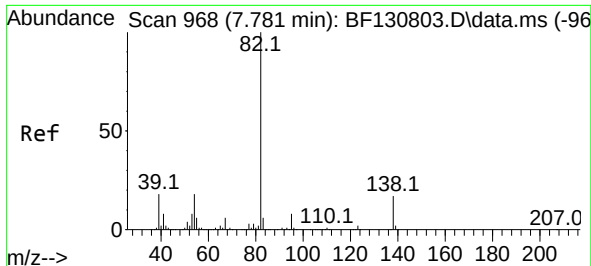
Tgt Ion:	136	Resp:	204321
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.2	13.8
54	8.3	8.8	13.2#
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 70.394 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:	82	Resp:	238527
Ion Ratio	Lower	Upper	
82	100		
128	44.7	31.2	46.8
54	55.9	48.0	72.0

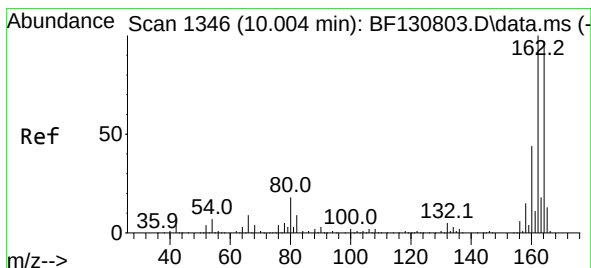
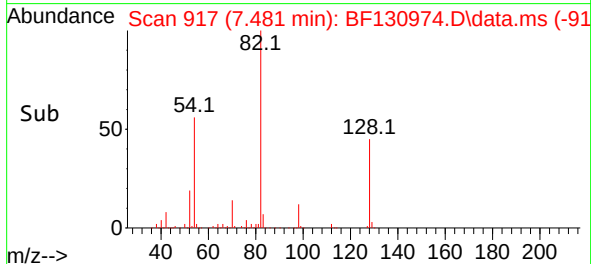
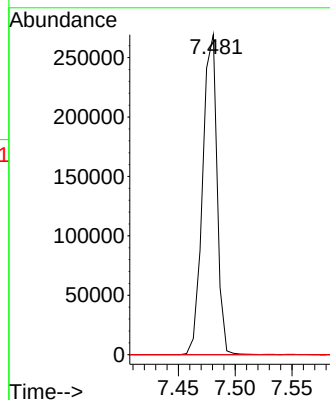
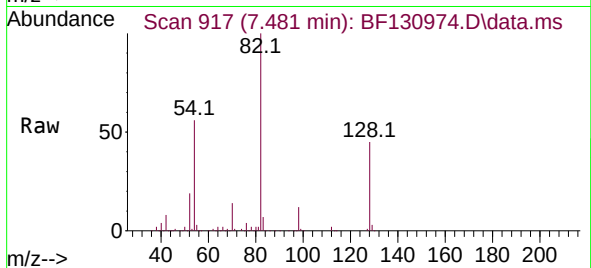




#25
Isophorone
Concen: 34.136 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

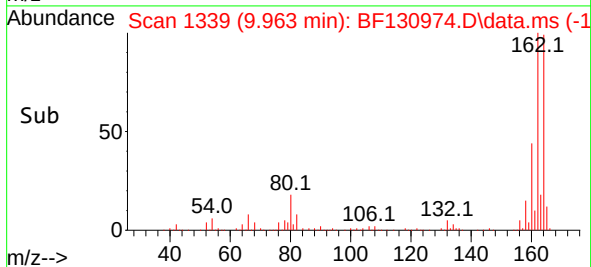
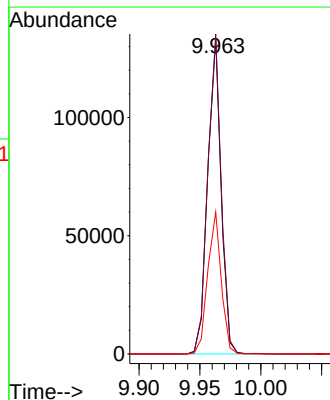
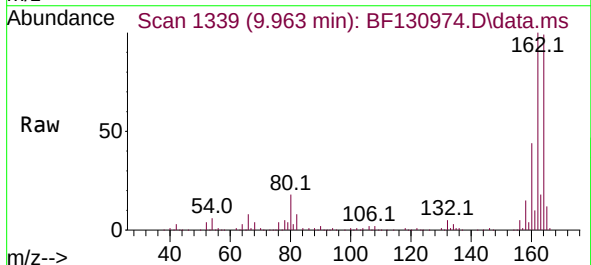
Instrument :
BNA_F
ClientSampleId :
TP-I

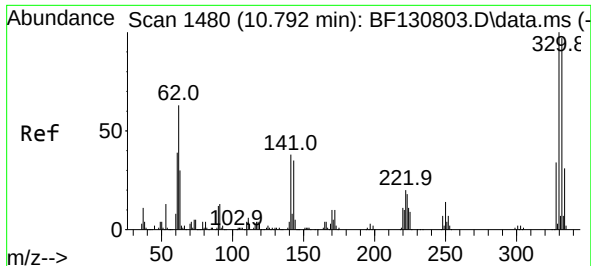
Tgt Ion: 82 Resp: 238524
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:164 Resp: 101913
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 115.873 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130974.D

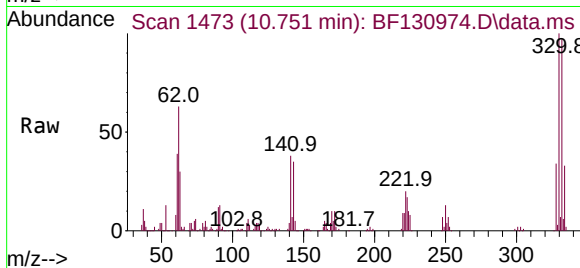
Acq: 03 Nov 2022 23:03

Instrument :

BNA_F

ClientSampleId :

TP-I



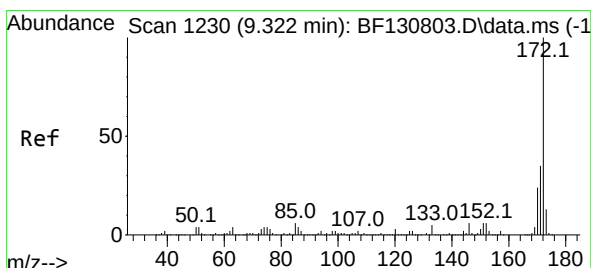
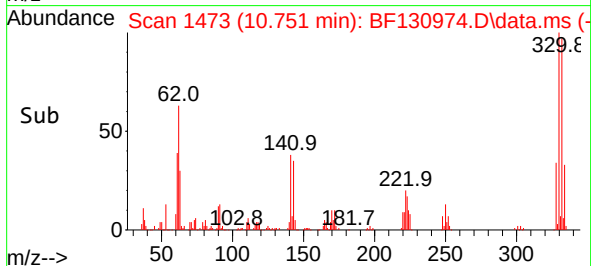
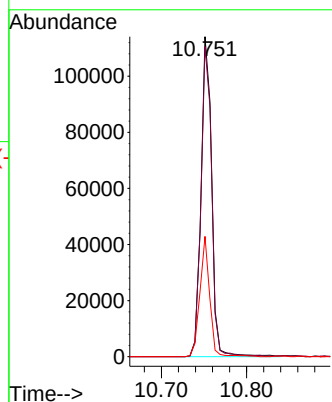
Tgt Ion:330 Resp: 99408

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 34.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 59.407 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

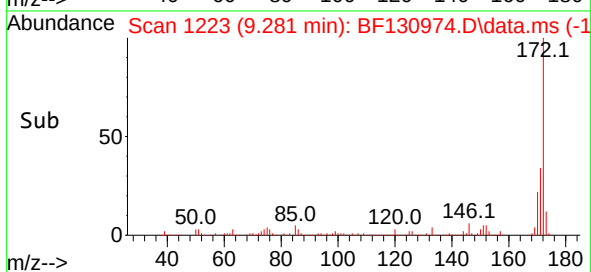
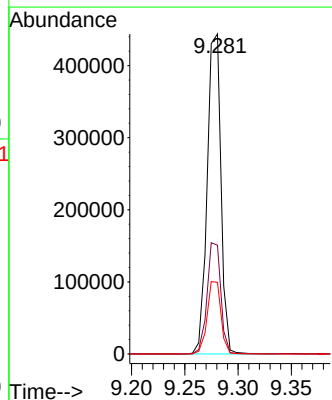
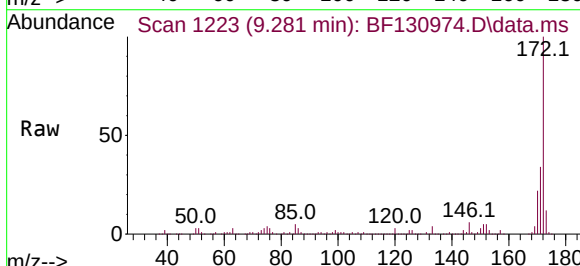
Tgt Ion:172 Resp: 400453

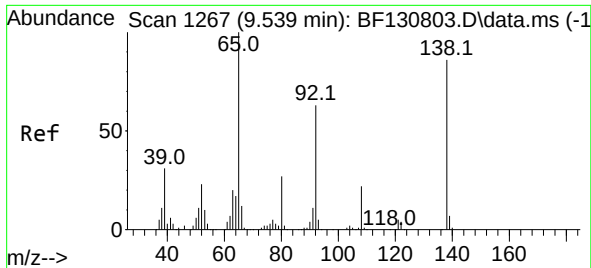
Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

170 22.4 19.0 28.4

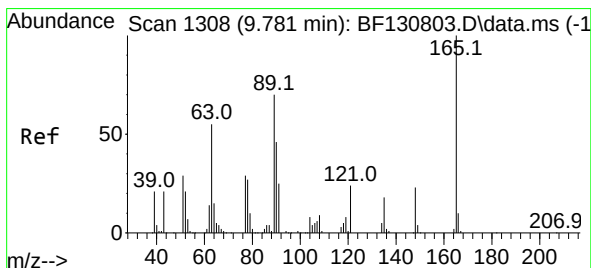
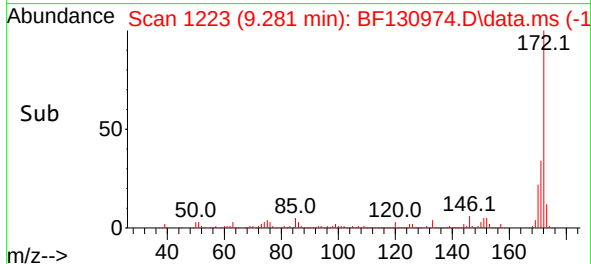
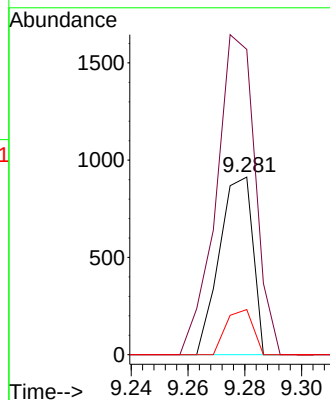
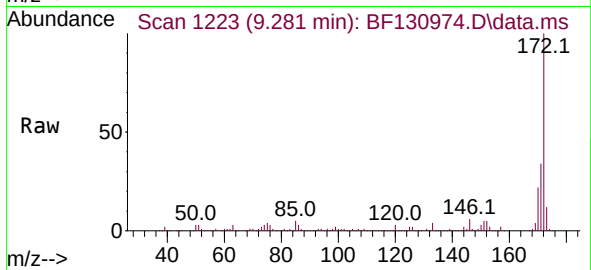




#48
2-Nitroaniline
Concen: 4.512 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

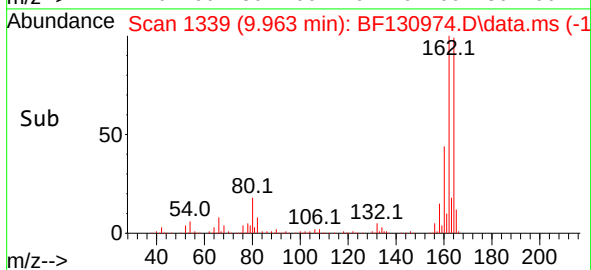
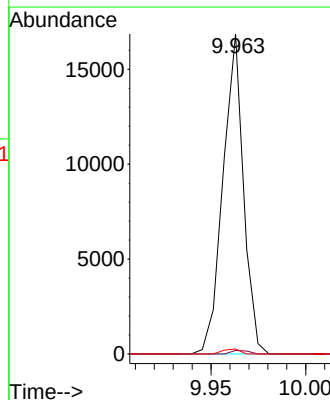
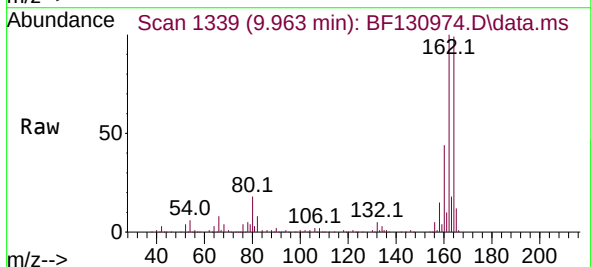
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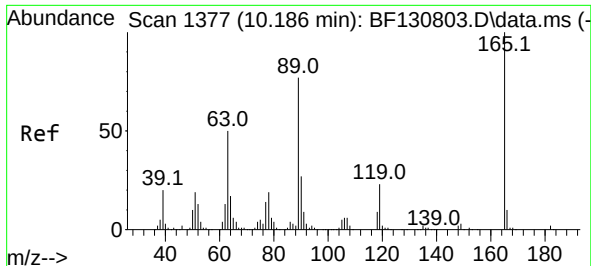
Tgt Ion: 65 Resp: 748
Ion Ratio Lower Upper
65 100
92 171.9 50.1 75.1#
138 25.4 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.778 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion: 165 Resp: 12699
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.6 56.2 84.4#

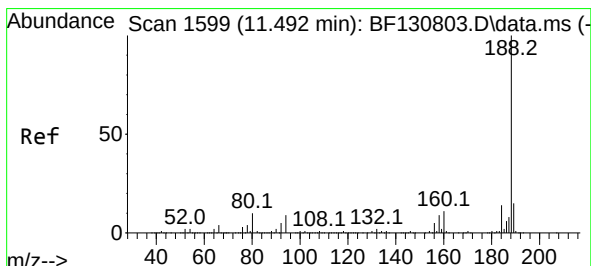
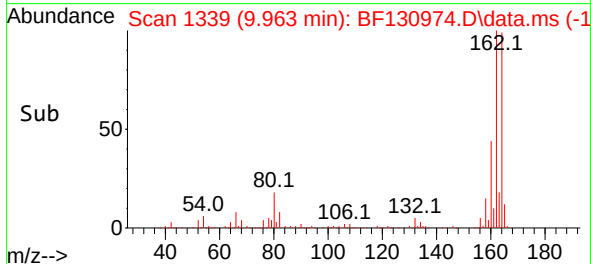
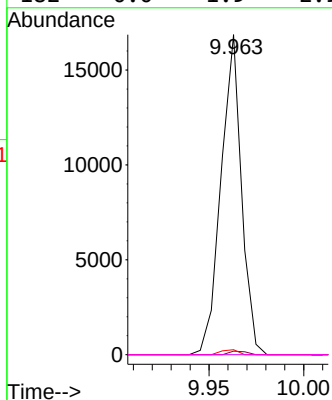
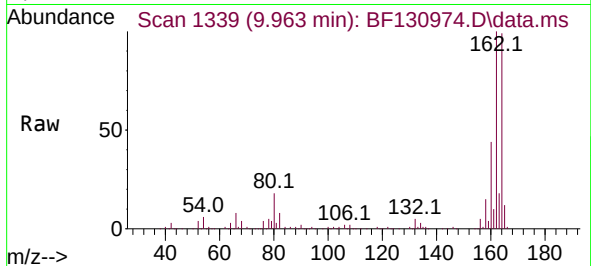




#57
2,4-Dinitrotoluene
Concen: 10.716 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

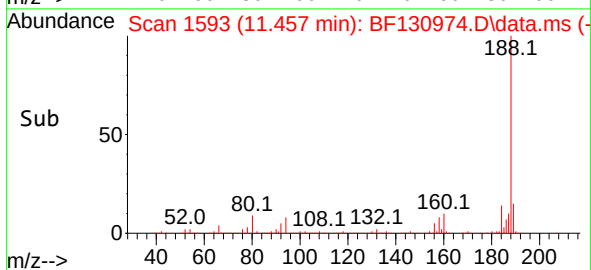
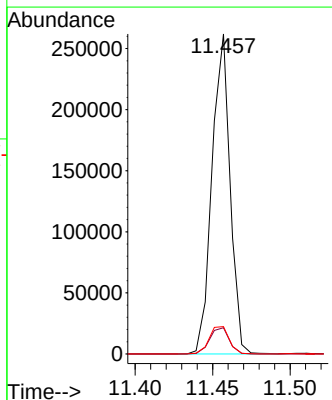
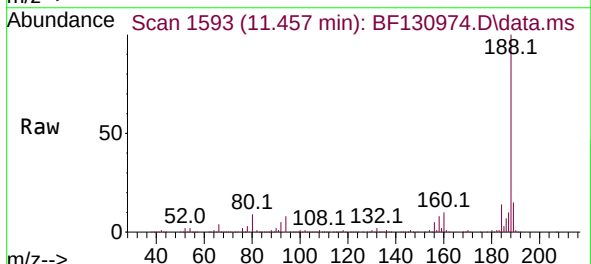
Instrument :
BNA_F
ClientSampleId :
TP-I

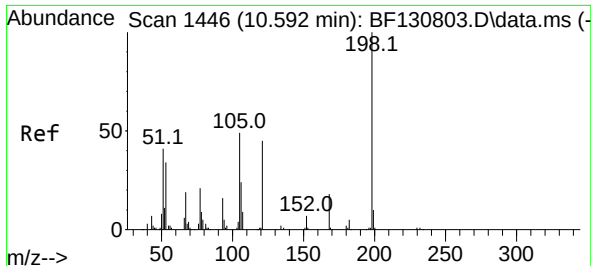
Tgt Ion:165 Resp: 12699
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.6 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:188 Resp: 212717
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.6 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.206 ng

RT: 10.751 min Scan# 1446

Delta R.T. 0.188 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

Instrument :

BNA_F

ClientSampleId :

TP-I

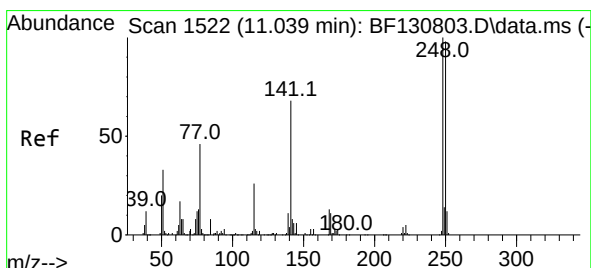
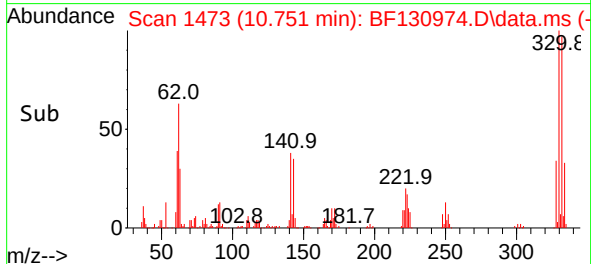
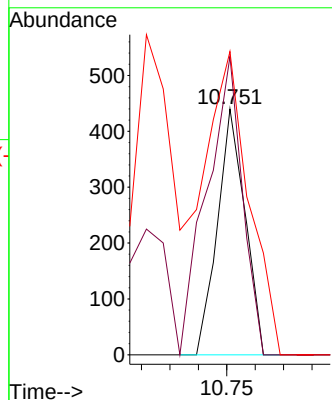
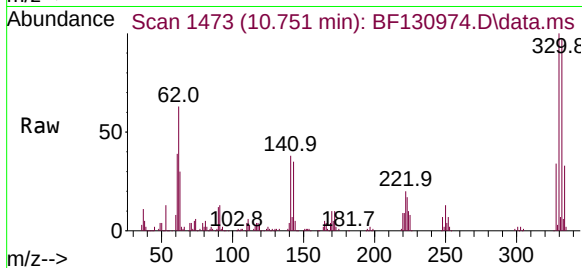
Tgt Ion:198 Resp: 296

Ion Ratio Lower Upper

198 100

51 121.4 39.0 79.0#

105 123.4 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 2.873 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.247 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

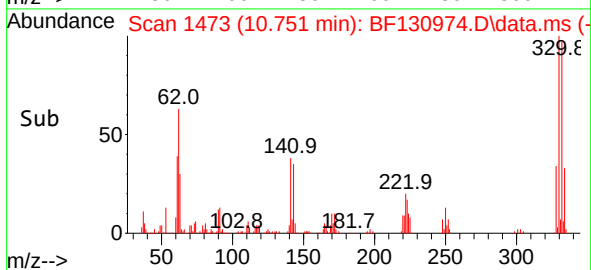
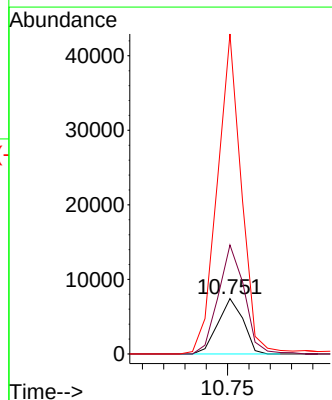
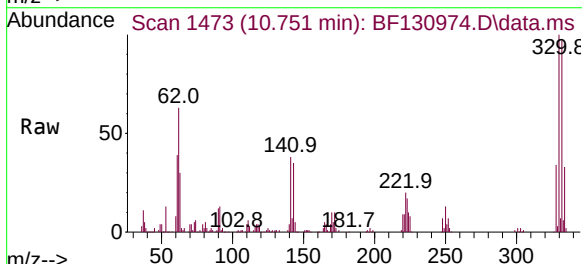
Tgt Ion:248 Resp: 6147

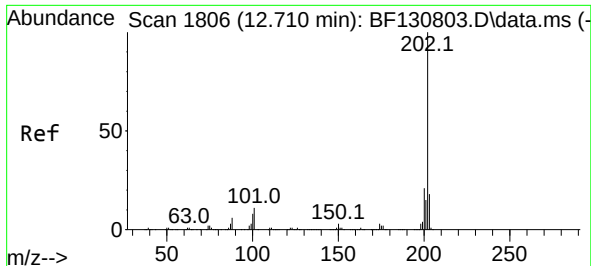
Ion Ratio Lower Upper

248 100

250 196.5 78.6 117.8#

141 577.2 54.2 81.4#

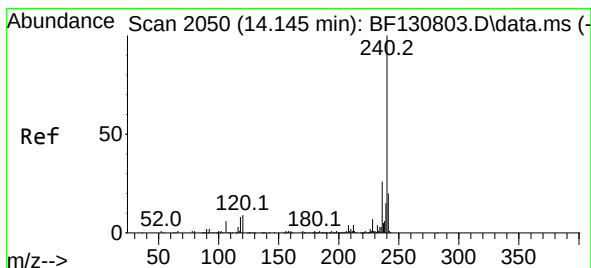
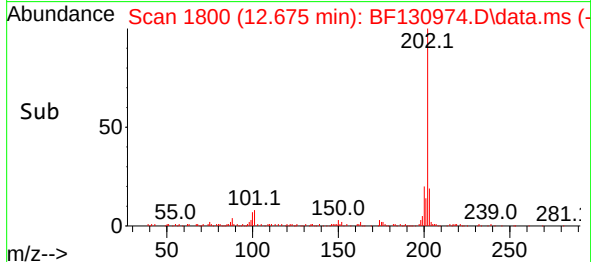
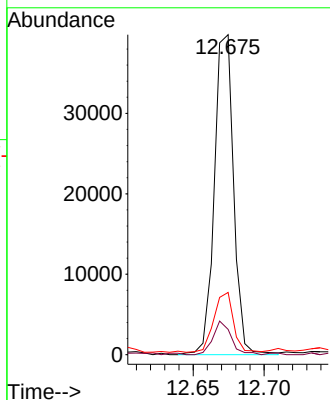
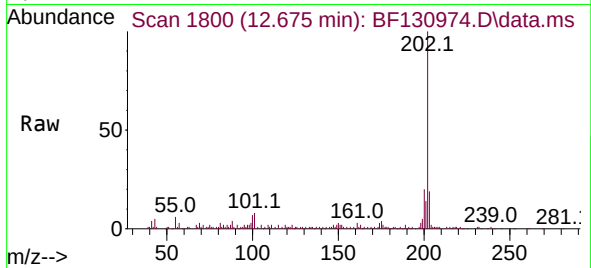




#75
Fluoranthene
Concen: 3.215 ng
RT: 12.675 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

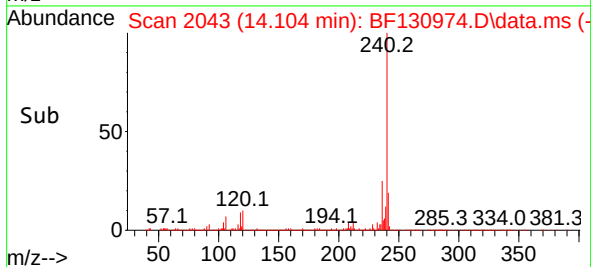
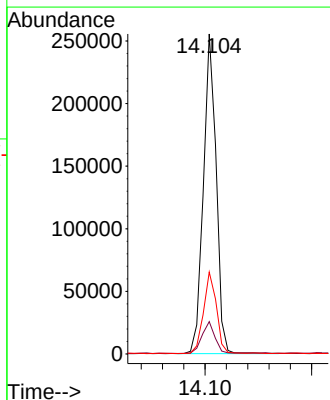
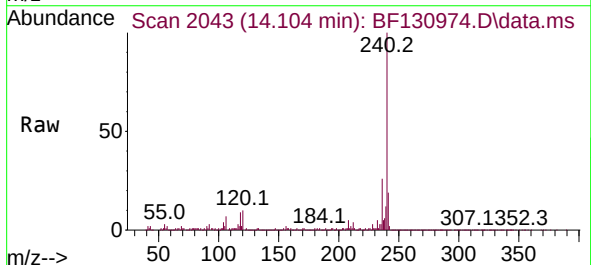
Instrument :
BNA_F
ClientSampleId :
TP-I

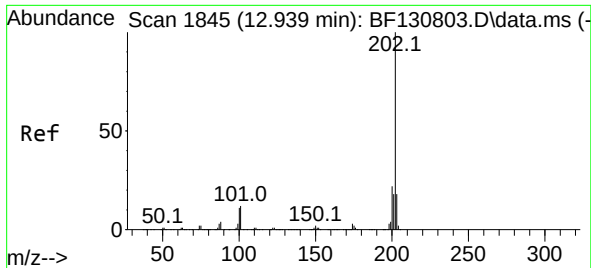
Tgt Ion:202 Resp: 37501
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.9
203 19.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:240 Resp: 213447
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.6 20.5 30.7

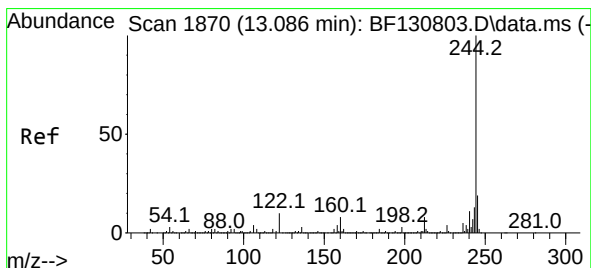
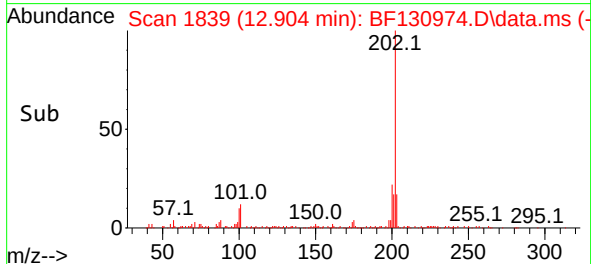
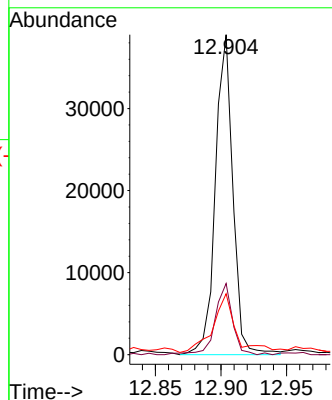
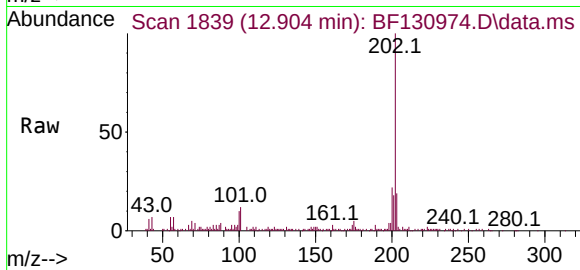




#78
Pyrene
Concen: 2.010 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

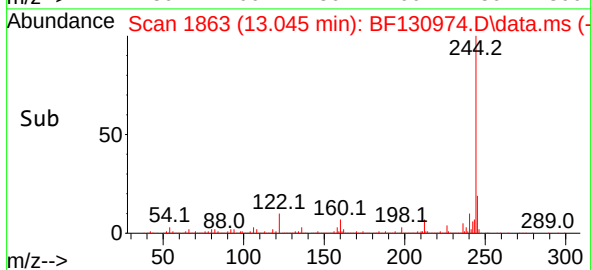
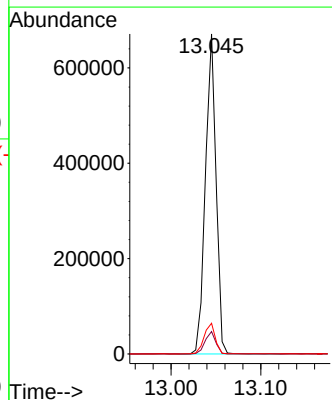
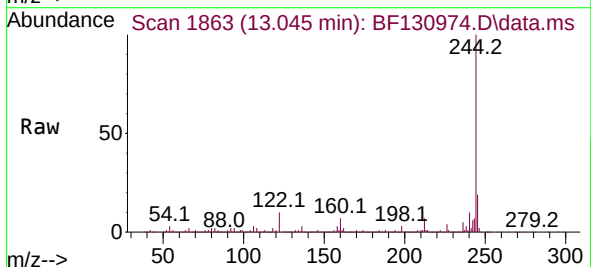
Instrument :
BNA_F
ClientSampleId :
TP-I

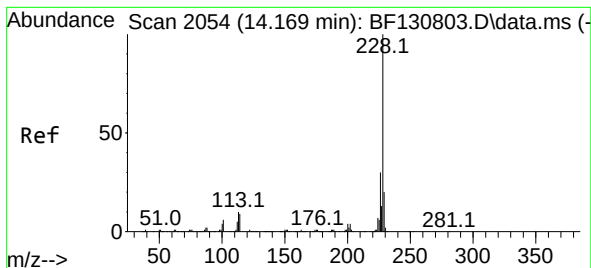
Tgt Ion:202 Resp: 36202
Ion Ratio Lower Upper
202 100
200 22.3 17.2 25.8
203 19.1 14.5 21.7



#79
Terphenyl-d14
Concen: 47.445 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:244 Resp: 552652
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 9.6 7.9 11.9





#83

Chrysene

Concen: 2.050 ng

RT: 14.127 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

Instrument :

BNA_F

ClientSampleId :

TP-I

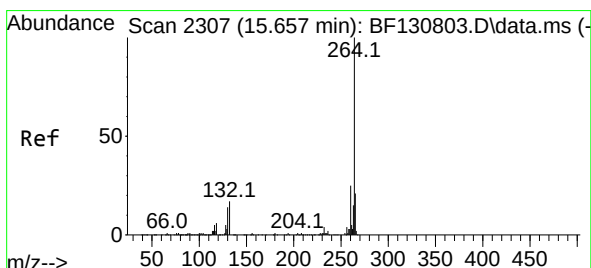
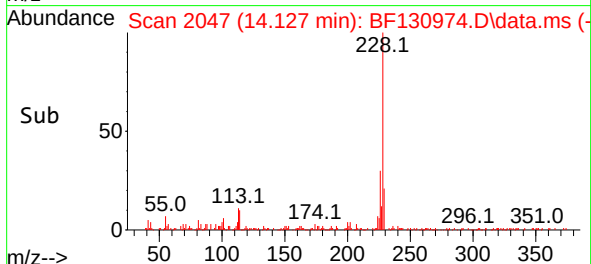
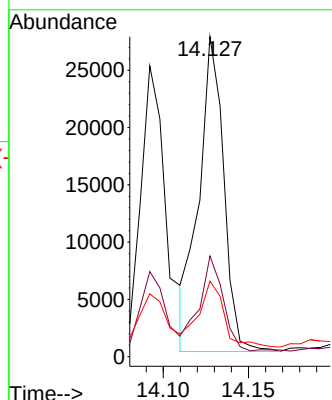
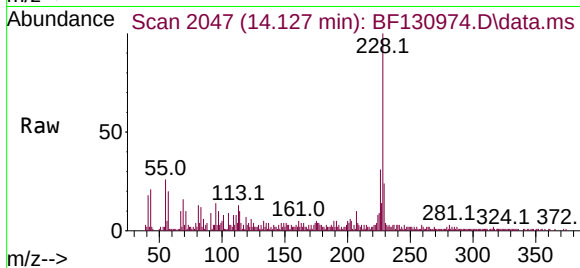
Tgt Ion:228 Resp: 27978

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

229 23.6 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.616 min Scan# 2300

Delta R.T. 0.006 min

Lab File: BF130974.D

Acq: 03 Nov 2022 23:03

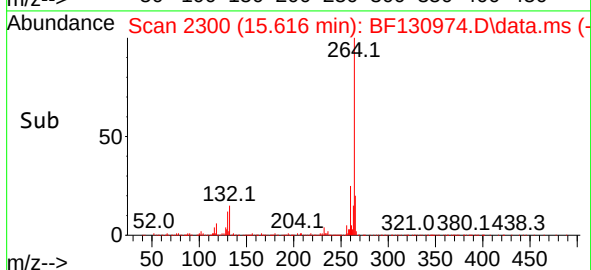
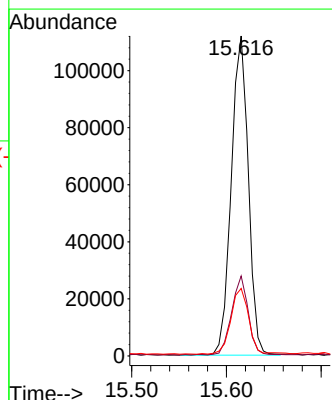
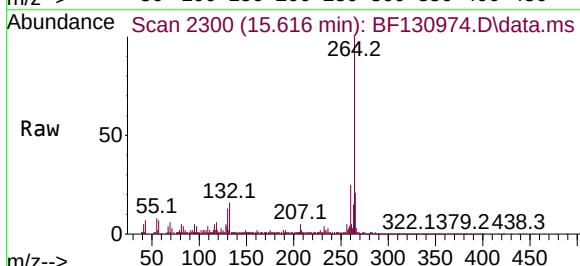
Tgt Ion:264 Resp: 140287

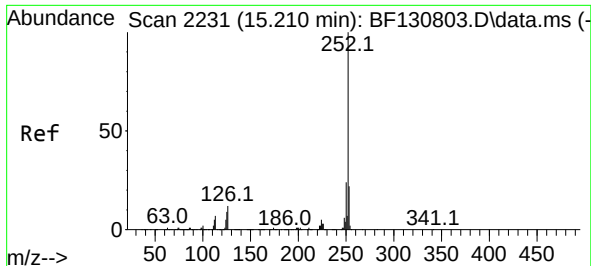
Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

265 21.1 17.0 25.6

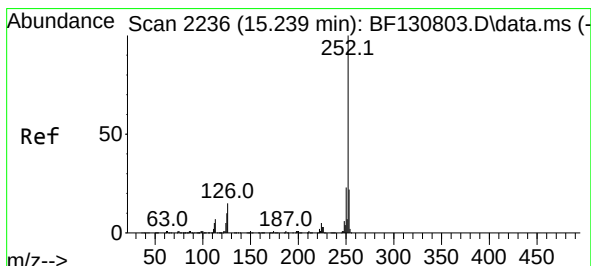
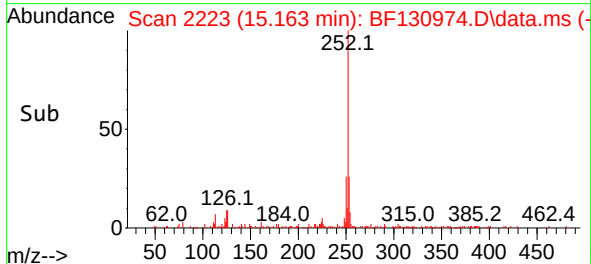
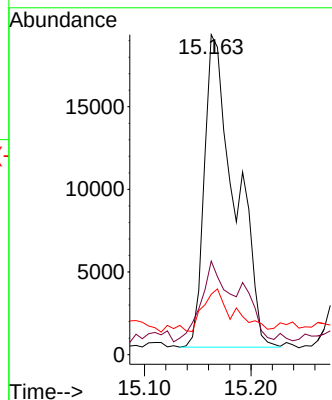
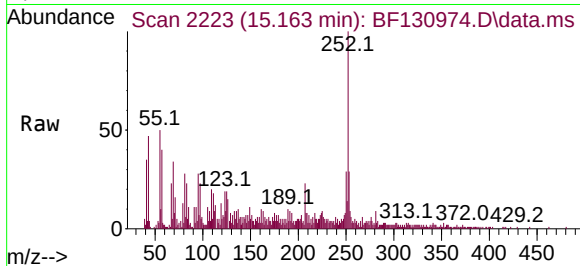




#88
Benzo(b)fluoranthene
Concen: 4.175 ng
RT: 15.163 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

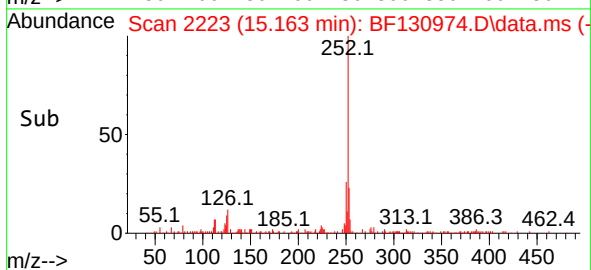
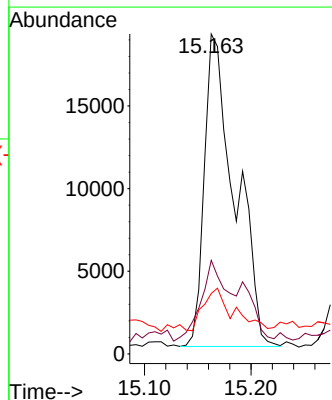
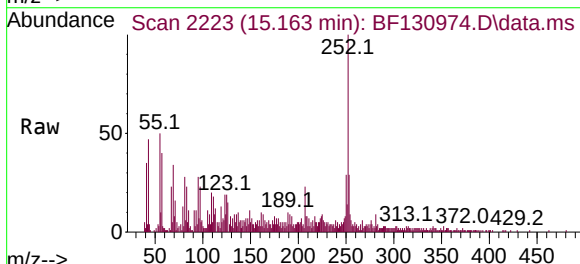
Instrument :
BNA_F
ClientSampleId :
TP-I

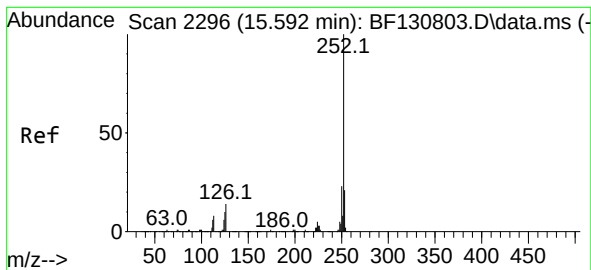
Tgt Ion:252 Resp: 37857
Ion Ratio Lower Upper
252 100
253 29.3 17.5 26.3#
125 18.9 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 4.284 ng
RT: 15.163 min Scan# 2223
Delta R.T. -0.035 min
Lab File: BF130974.D
Acq: 03 Nov 2022 23:03

Tgt Ion:252 Resp: 37857
Ion Ratio Lower Upper
252 100
253 29.3 17.5 26.3#
125 18.9 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.291 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130974.D

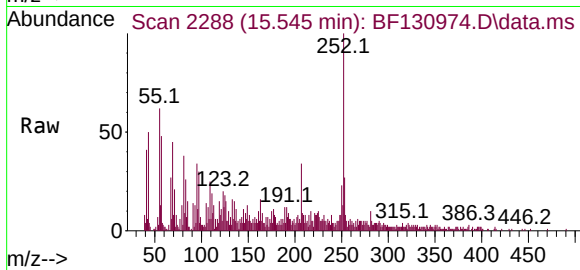
Acq: 03 Nov 2022 23:03

Instrument :

BNA_F

ClientSampleId :

TP-I



Tgt Ion:252 Resp: 16705

Ion Ratio Lower Upper

252 100

253 27.1 16.8 25.2#

125 18.2 8.3 12.5#

