

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130979.D
 Acq On : 04 Nov 2022 01:39
 Operator : CG\JU
 Sample : N5418-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-N

Quant Time: Nov 04 06:25:53 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)

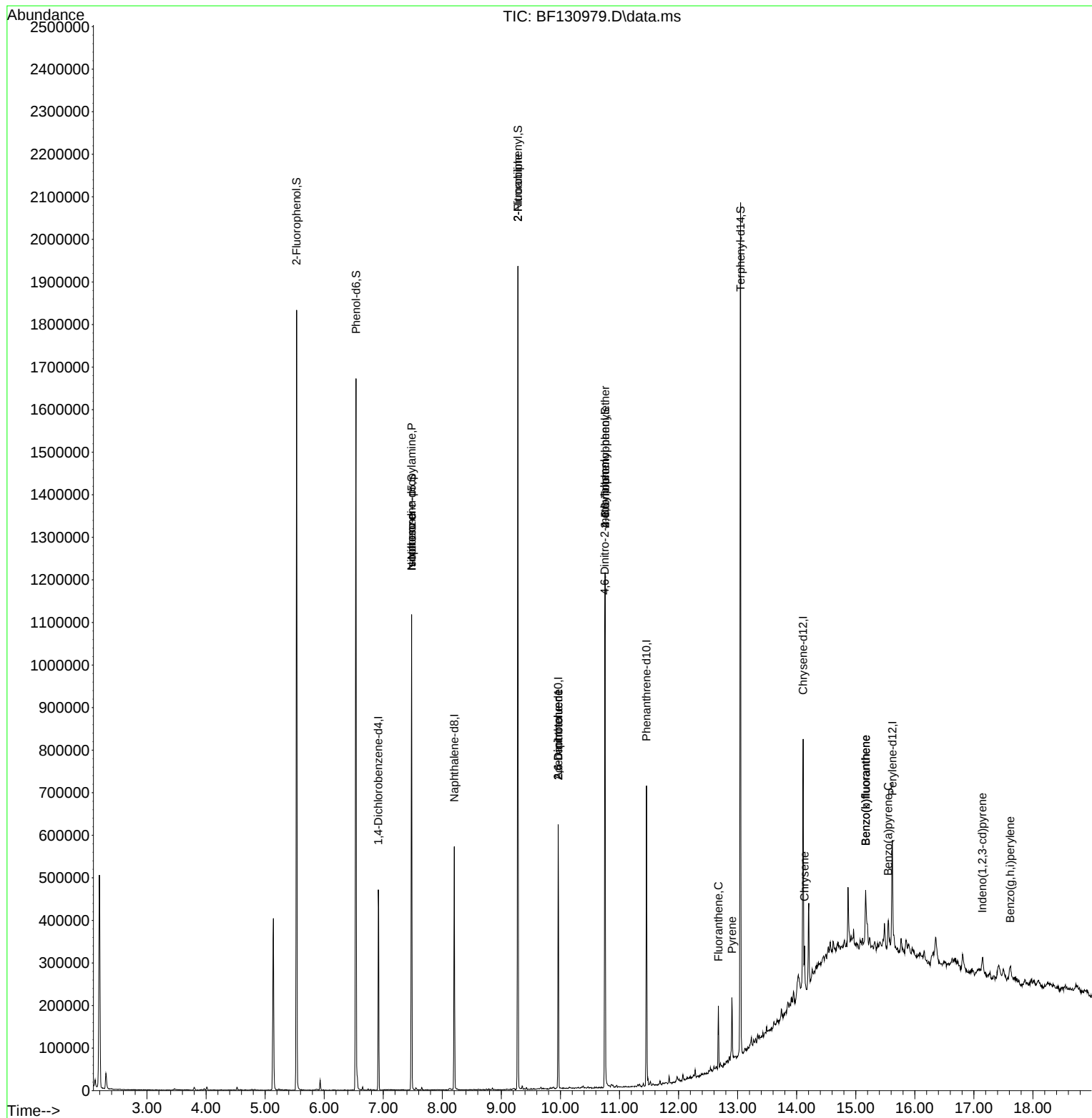
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	66017	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	217264	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	111170	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	225415	20.000	ng	0.00
76) Chrysene-d12	14.109	240	186847	20.000	ng	0.00
86) Perylene-d12	15.621	264	122045	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	422396	110.922	ng	0.00
7) Phenol-d6	6.539	99	495819	100.194	ng	0.00
23) Nitrobenzene-d5	7.480	82	300754	83.470	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	138504	148.002	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	517540	70.384	ng	0.00
79) Terphenyl-d14	13.051	244	702782	68.924	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.480	70	39883	11.845	ng	# 76
25) Isophorone	7.480	82	300746	40.477	ng	# 66
48) 2-Nitroaniline	9.280	65	1117	4.647	ng	# 3
51) 2,6-Dinitrotoluene	9.963	165	14692	12.322	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	14692	11.140	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	314	8.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	8899	3.926	ng	# 1
75) Fluoranthene	12.674	202	54923	4.443	ng	99
78) Pyrene	12.904	202	53638	3.403	ng	96
83) Chrysene	14.133	228	42752	3.578	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.145	276	27636	3.410	ng	# 93
88) Benzo(b)fluoranthene	15.168	252	74518	9.445	ng	# 89
89) Benzo(k)fluoranthene	15.168	252	74518	9.693	ng	# 90
90) Benzo(a)pyrene	15.551	252	29593	4.666	ng	# 86
92) Benzo(g,h,i)perylene	17.615	276	30425	4.514	ng	98

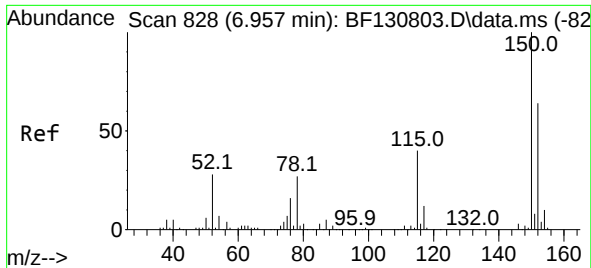
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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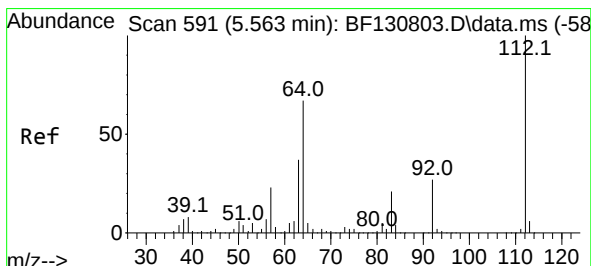
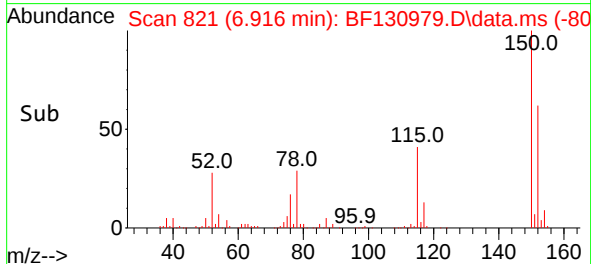
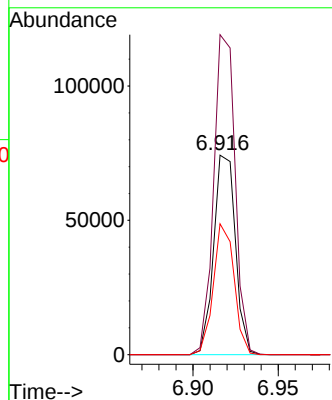
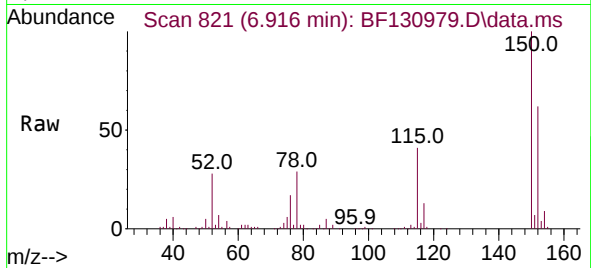




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

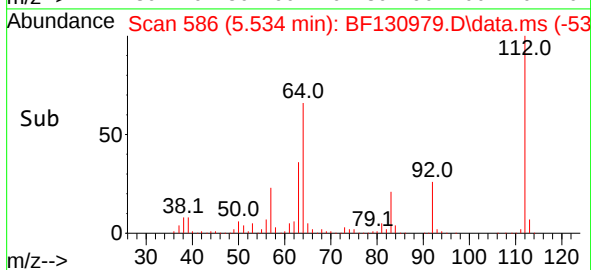
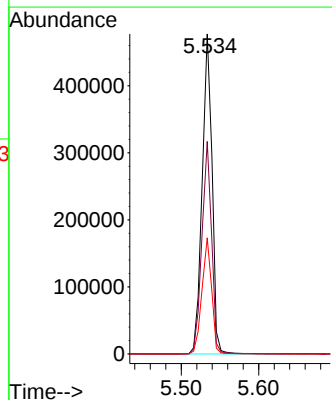
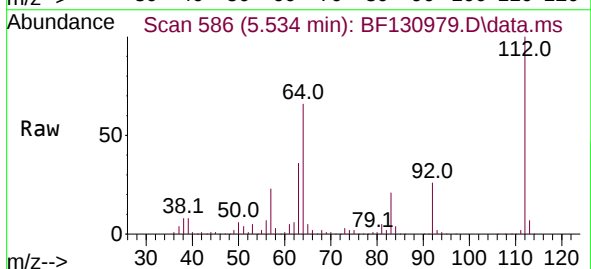
Instrument :
BNA_F
ClientSampleId :
TP-N

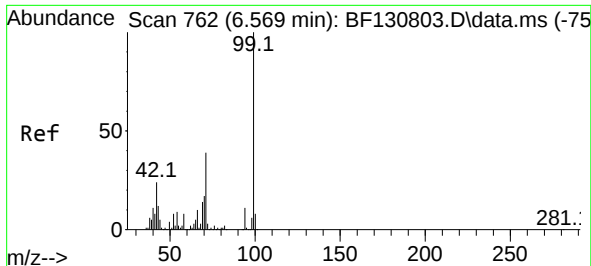
Tgt Ion:152 Resp: 66017
Ion Ratio Lower Upper
152 100
150 160.4 124.1 186.1
115 65.6 50.1 75.1



#5
2-Fluorophenol
Concen: 110.922 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:112 Resp: 422396
Ion Ratio Lower Upper
112 100
64 66.4 53.9 80.9
63 36.3 29.4 44.2

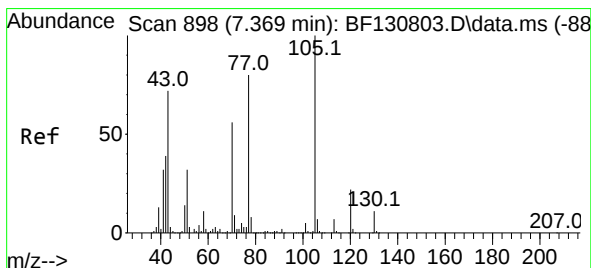
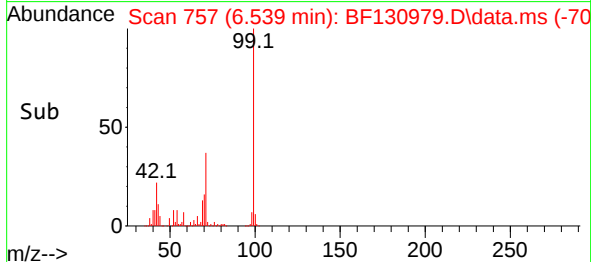
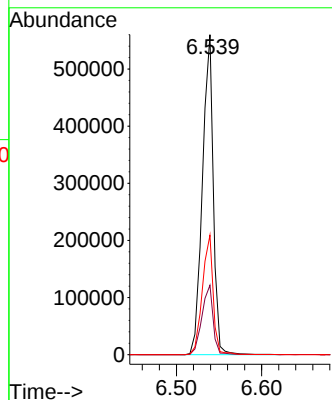
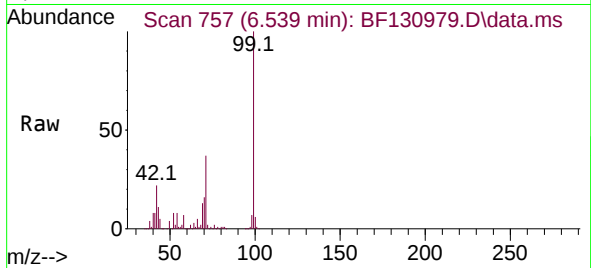




#7
Phenol-d6
Concen: 100.194 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

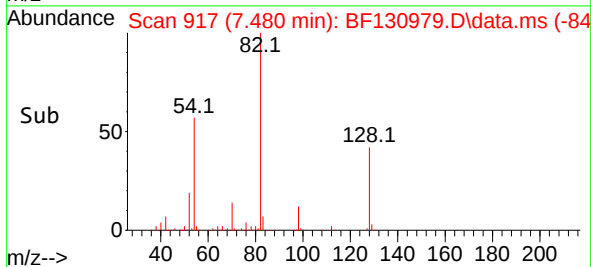
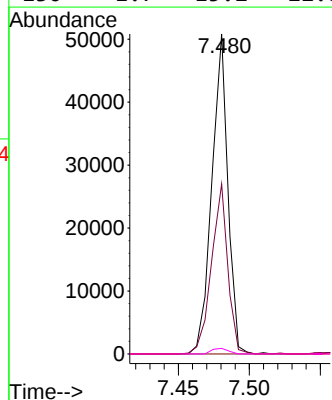
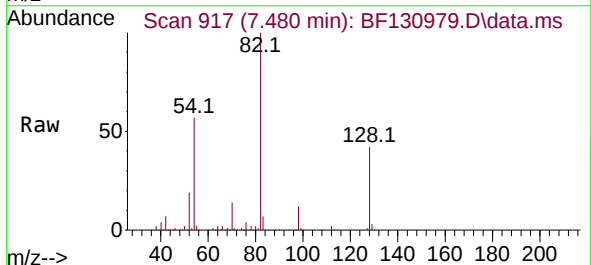
Instrument :
BNA_F
ClientSampleId :
TP-N

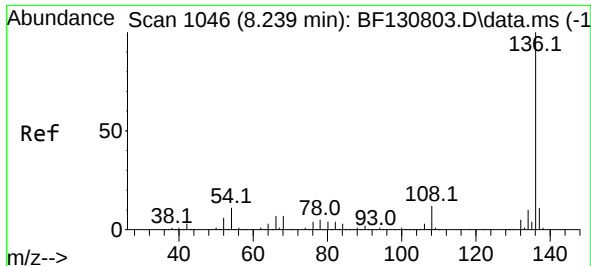
Tgt Ion: 99 Resp: 495819
Ion Ratio Lower Upper
99 100
42 21.7 18.8 28.2
71 37.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.845 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion: 70 Resp: 39883
Ion Ratio Lower Upper
70 100
42 53.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

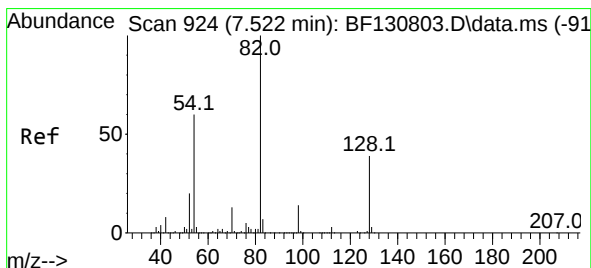
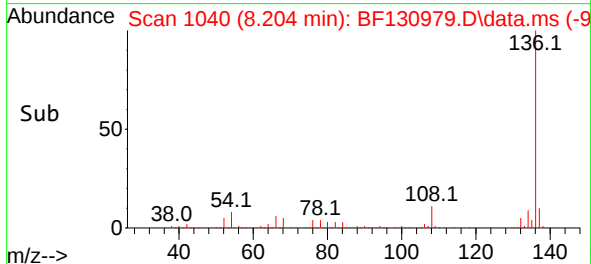
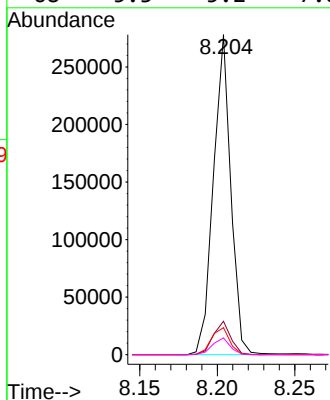
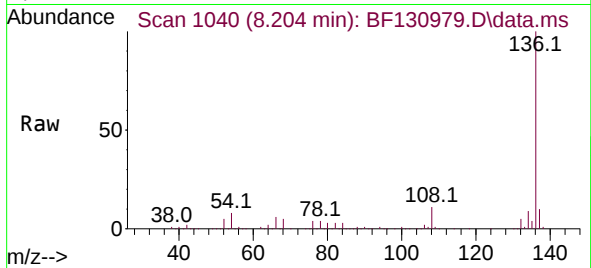




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

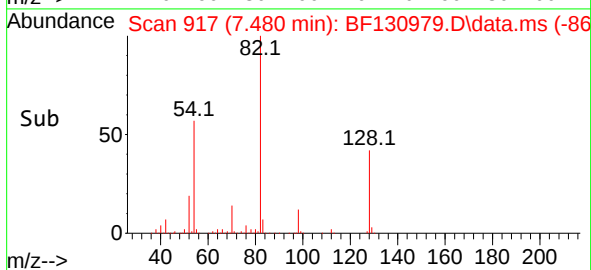
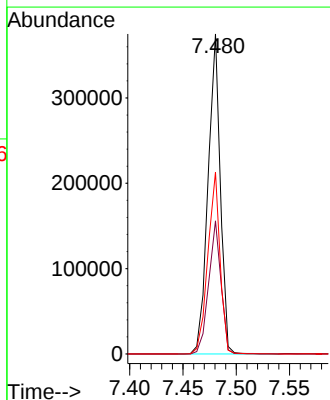
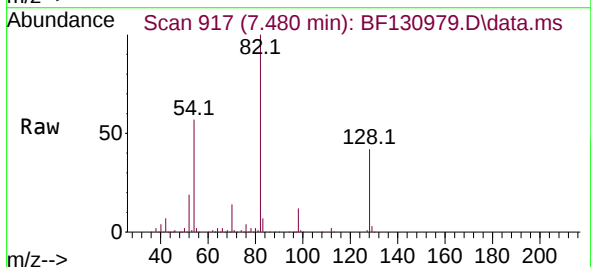
Instrument :
BNA_F
ClientSampleId :
TP-N

Tgt Ion:	136	Resp:	217264
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.5	8.8	13.2#
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 83.470 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:	82	Resp:	300754
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.2	46.8
54	56.8	48.0	72.0

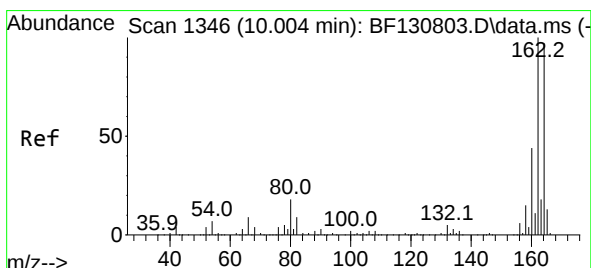
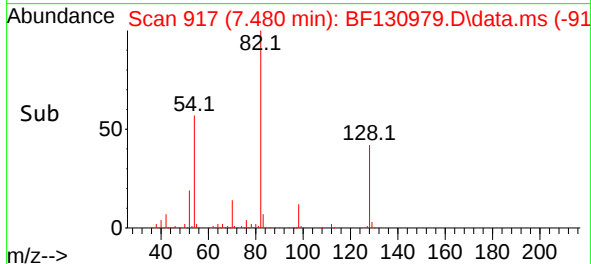
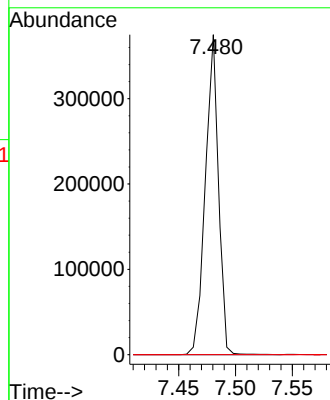
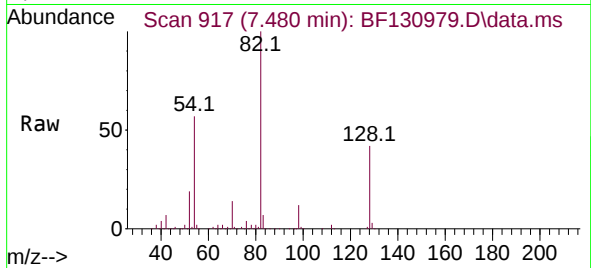




#25
Isophorone
Concen: 40.477 ng
RT: 7.480 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

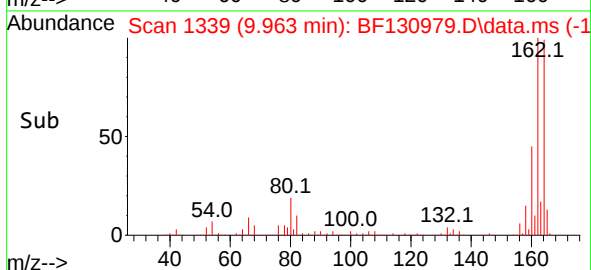
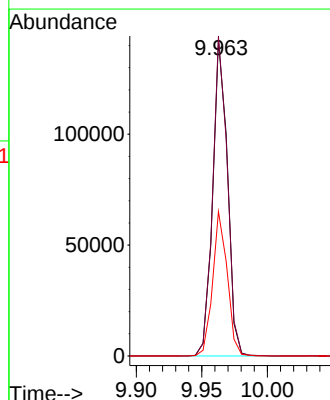
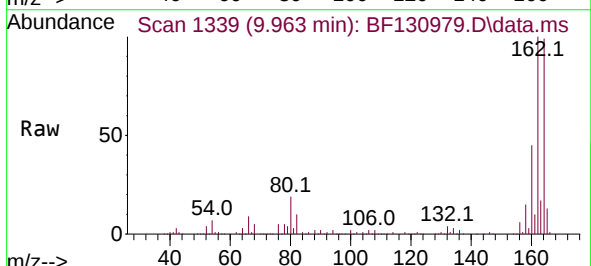
Instrument :
BNA_F
ClientSampleId :
TP-N

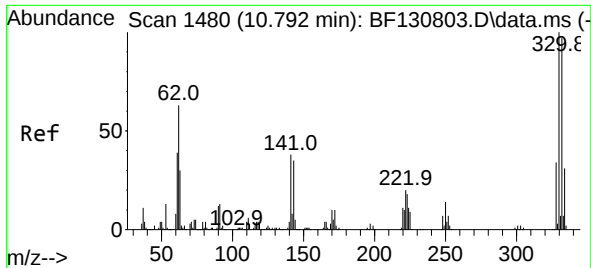
Tgt Ion: 82 Resp: 300746
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:164 Resp: 111170
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.8 36.6 54.8

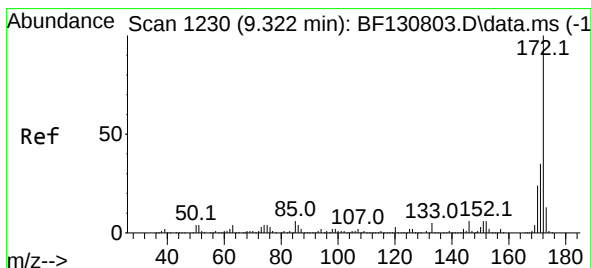
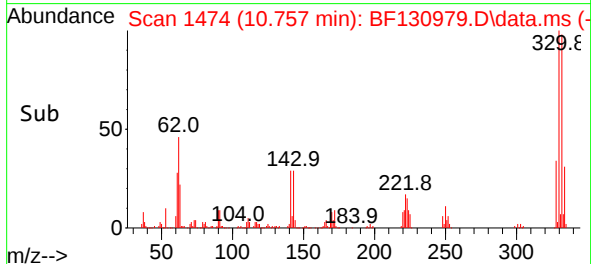
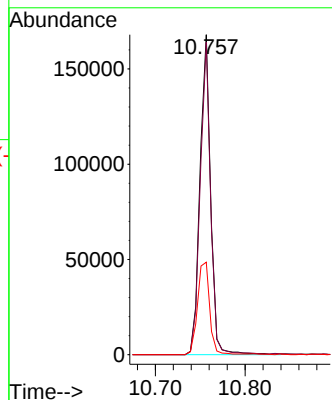
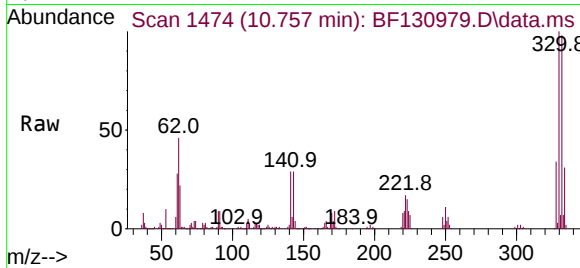




#42
2,4,6-Tribromophenol
Concen: 148.002 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

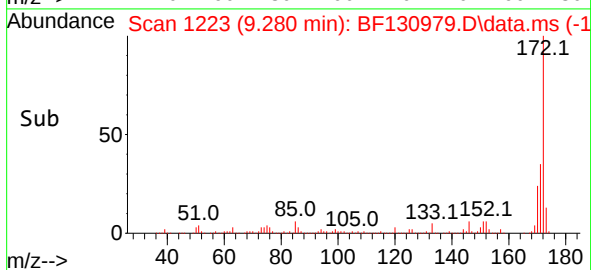
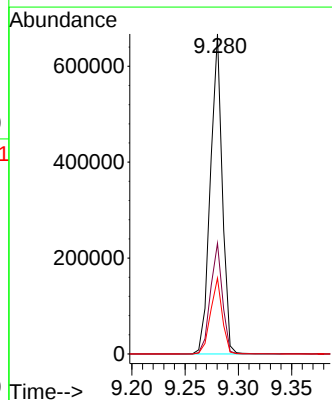
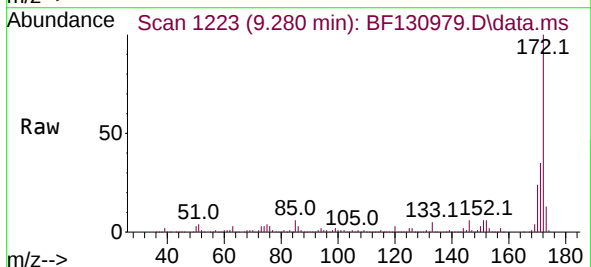
Instrument :
BNA_F
ClientSampleId :
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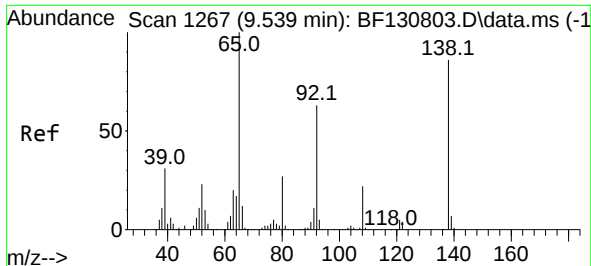
Tgt Ion:330 Resp: 138504
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.9 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 70.384 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:172 Resp: 517540
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 19.0 28.4





#48

2-Nitroaniline

Concen: 4.647 ng

RT: 9.280 min Scan# 1117

Delta R.T. -0.224 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N

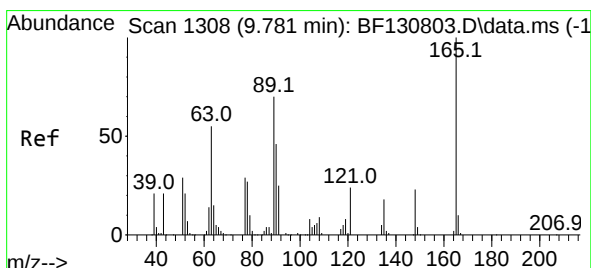
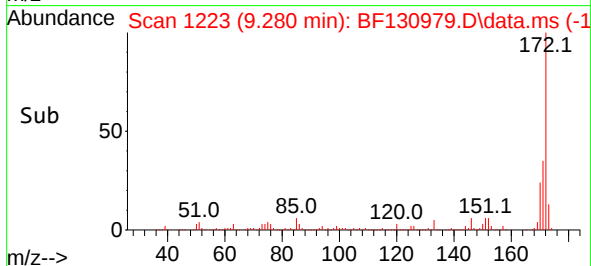
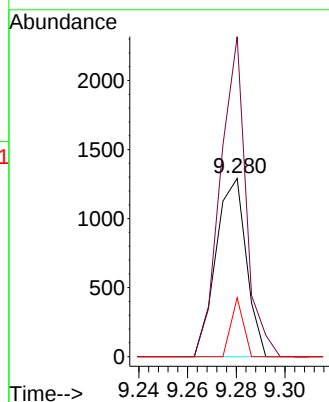
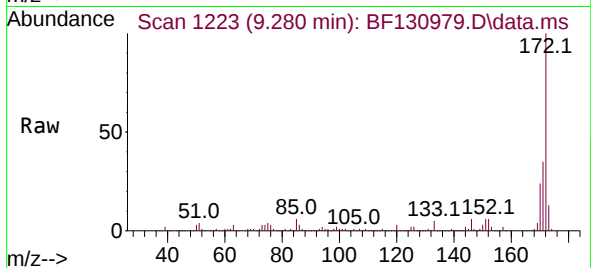
Tgt Ion: 65 Resp: 1117

Ion Ratio Lower Upper

65 100

92 179.6 50.1 75.1#

138 33.0 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.322 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.217 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

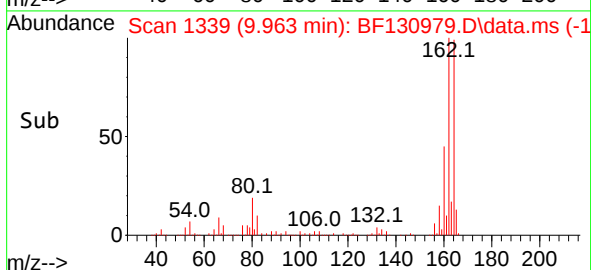
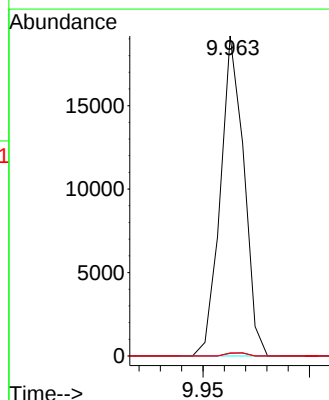
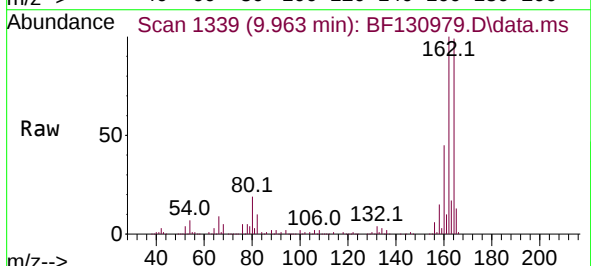
Tgt Ion: 165 Resp: 14692

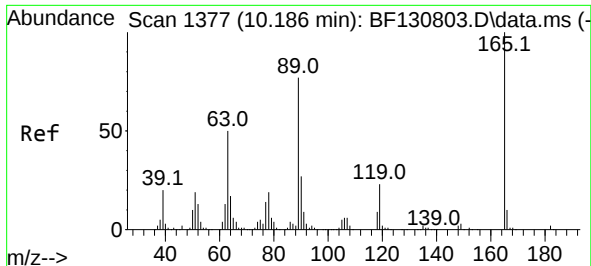
Ion Ratio Lower Upper

165 100

63 1.0 61.8 92.8#

89 0.8 56.2 84.4#

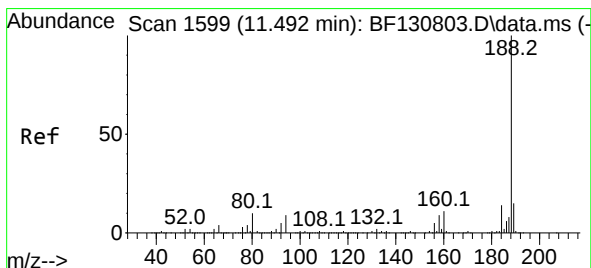
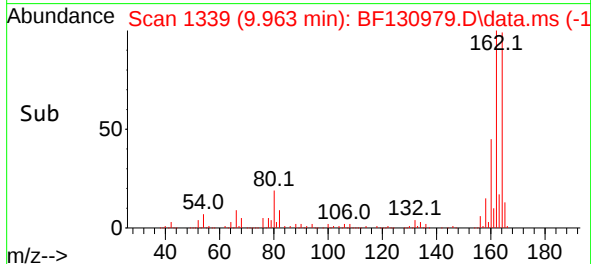
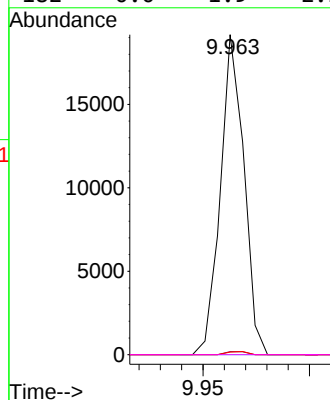
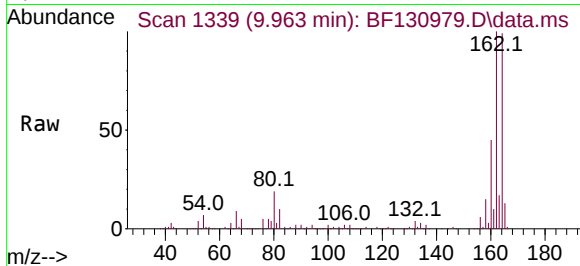




#57
2,4-Dinitrotoluene
Concen: 11.140 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

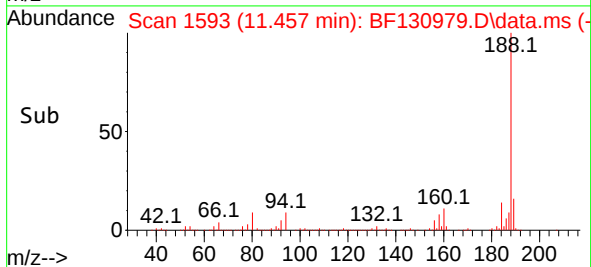
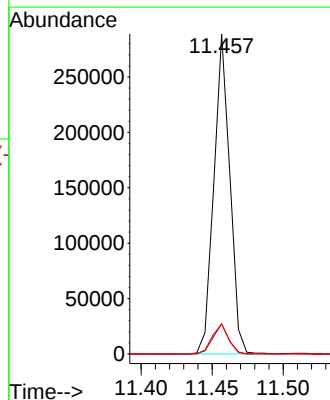
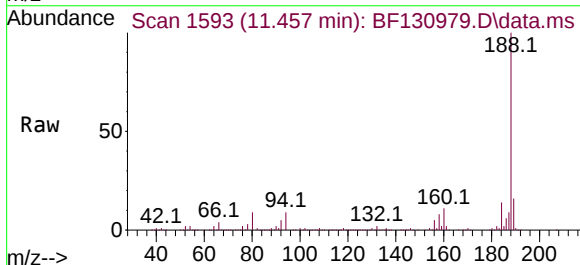
Instrument :
BNA_F
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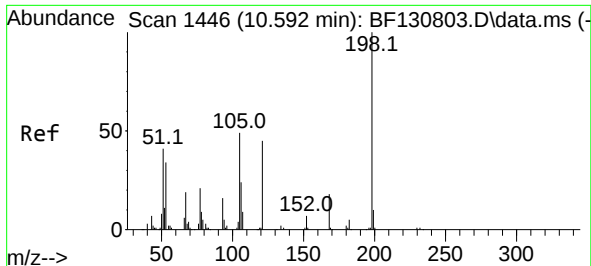
Tgt Ion:165 Resp: 14692
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.8 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:188 Resp: 225415
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.3 8.0 12.0

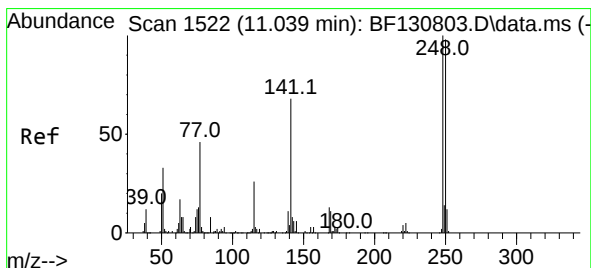
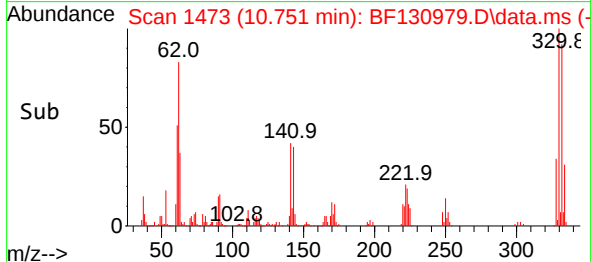
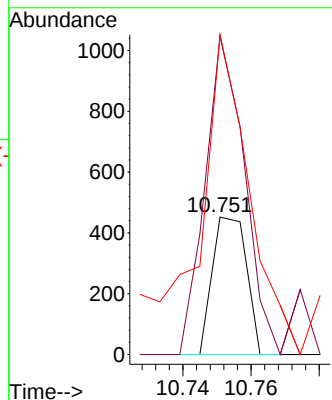
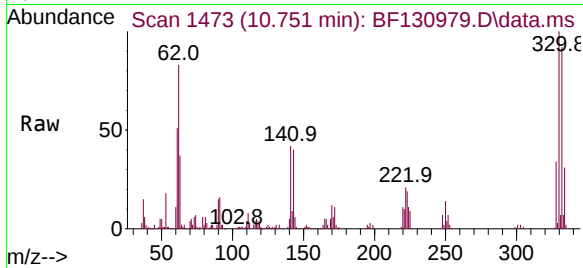




#65
4,6-Dinitro-2-methylphenol
Concen: 8.207 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

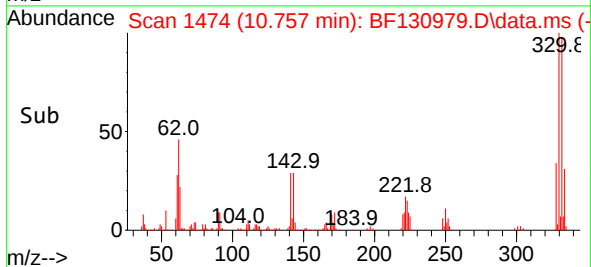
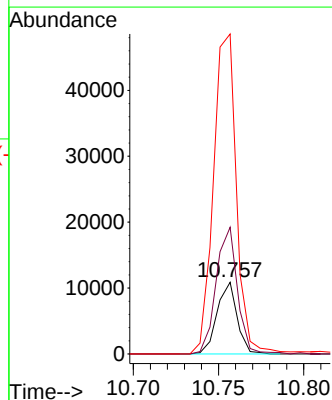
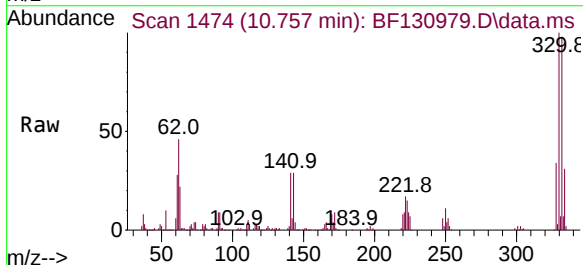
Instrument :
BNA_F
ClientSampleId :
TP-N

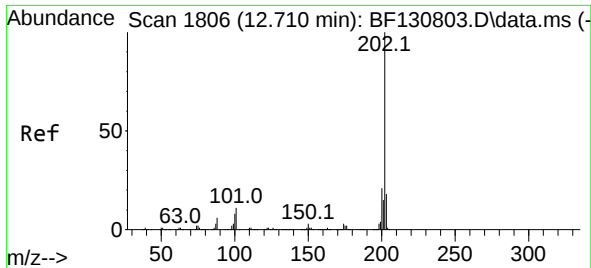
Tgt Ion:198 Resp: 314
Ion Ratio Lower Upper
198 100
51 231.4 39.0 79.0#
105 232.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.926 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.241 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:248 Resp: 8899
Ion Ratio Lower Upper
248 100
250 176.8 78.6 117.8#
141 446.5 54.2 81.4#

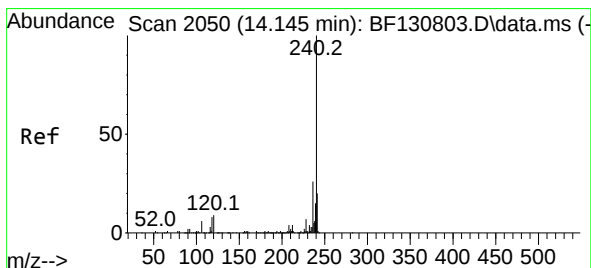
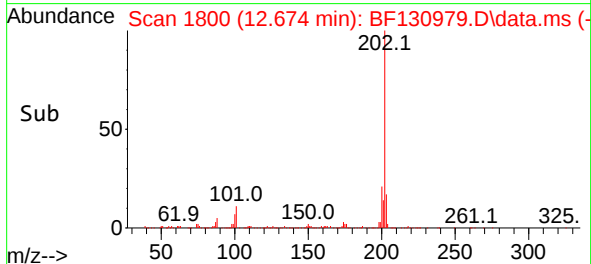
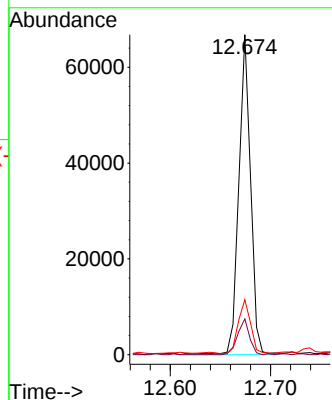
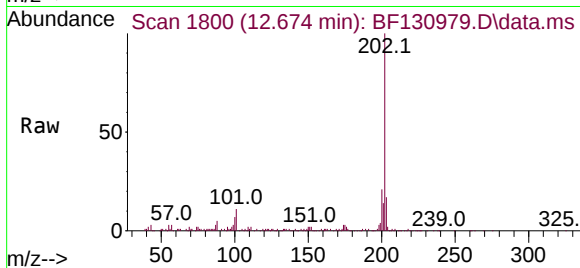




#75
Fluoranthene
Concen: 4.443 ng
RT: 12.674 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

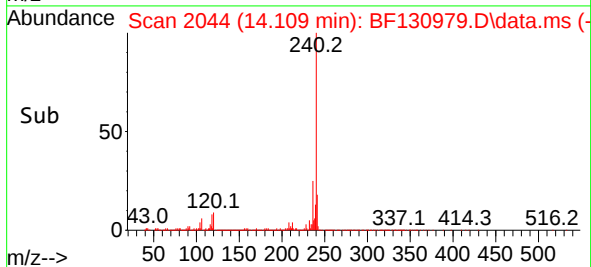
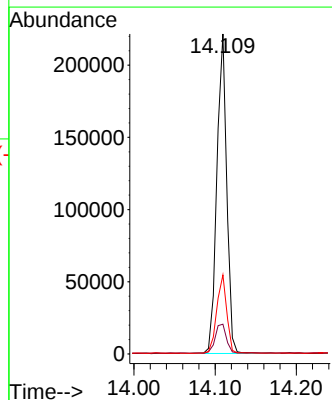
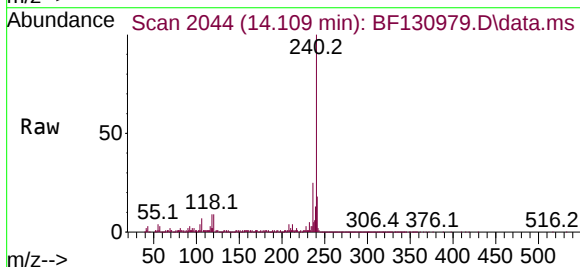
Instrument :
BNA_F
ClientSampleId :
TP-N

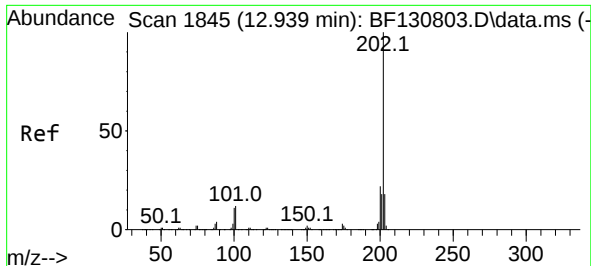
Tgt Ion:	202	Resp:	54923
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.9
203	17.2	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:	240	Resp:	186847
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.0	10.4
236	24.7	20.5	30.7

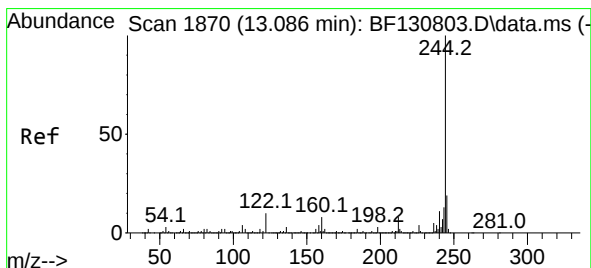
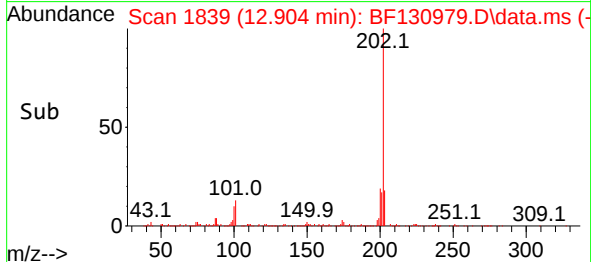
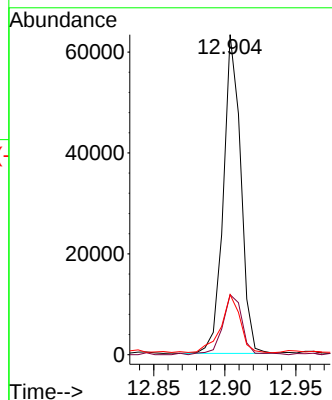
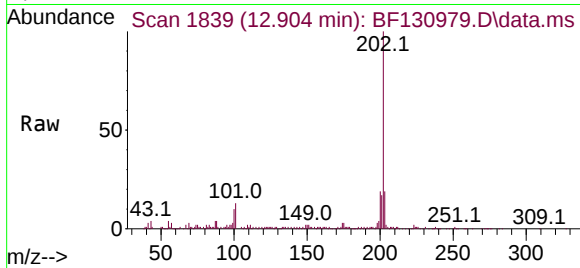




#78
 Pyrene
 Concen: 3.403 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF130979.D
 Acq: 04 Nov 2022 01:39

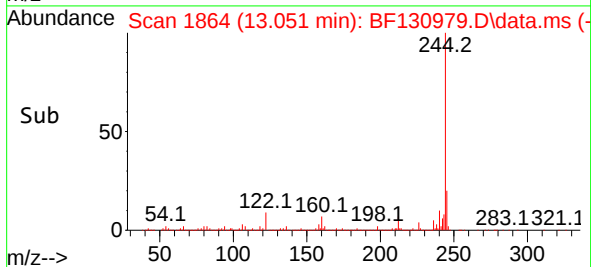
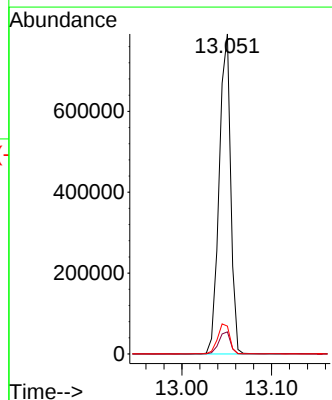
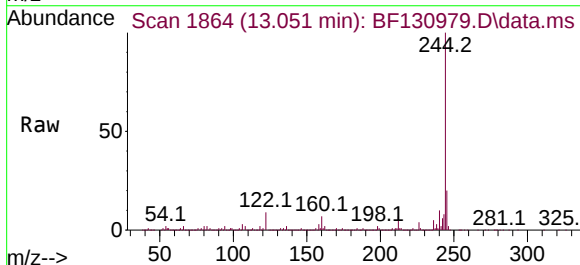
Instrument :
 BNA_F
 ClientSampleId :
 TP-N

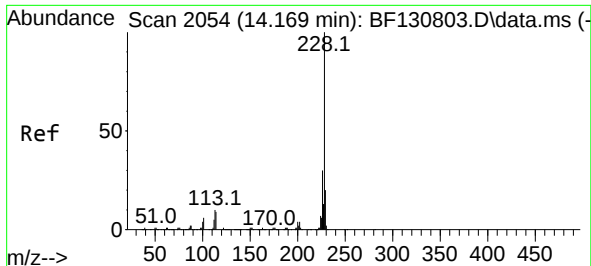
Tgt Ion:202 Resp: 53638
 Ion Ratio Lower Upper
 202 100
 200 18.7 17.2 25.8
 203 18.8 14.5 21.7



#79
 Terphenyl-d14
 Concen: 68.924 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF130979.D
 Acq: 04 Nov 2022 01:39

Tgt Ion:244 Resp: 702782
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.7 7.9 11.9

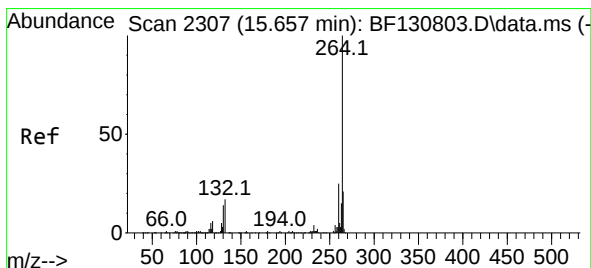
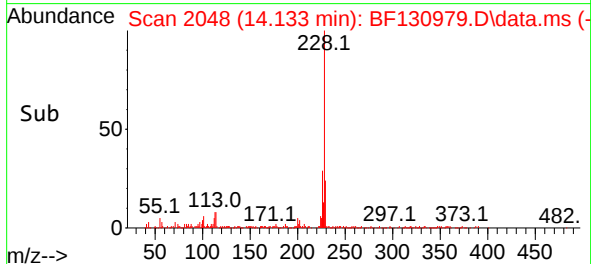
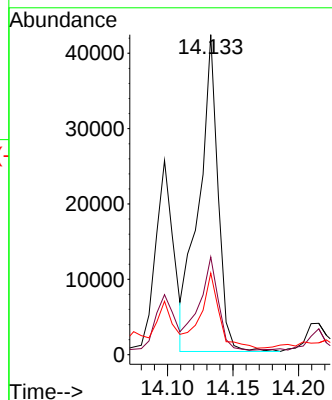
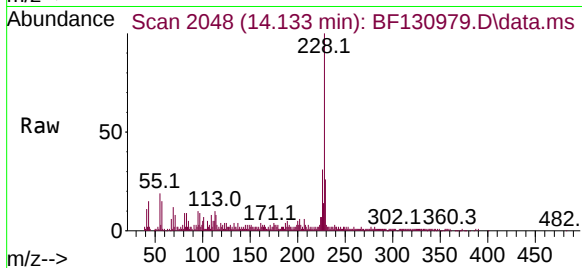




#83
Chrysene
Concen: 3.578 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

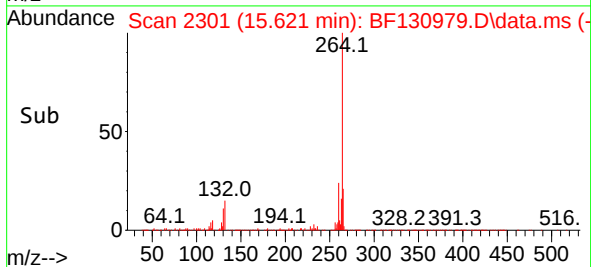
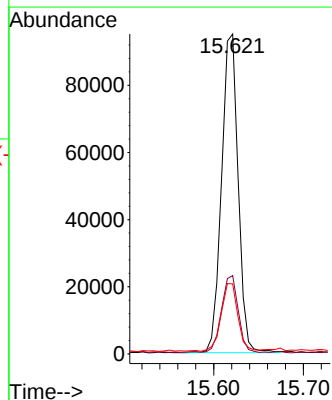
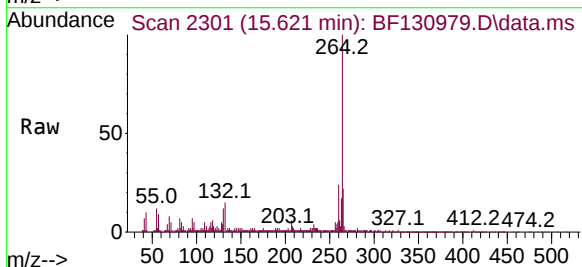
Instrument :
BNA_F
ClientSampleId :
TP-N

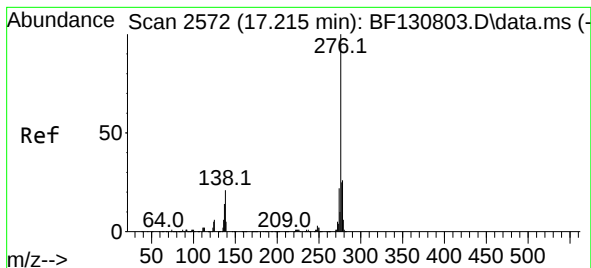
Tgt Ion:228 Resp: 42752
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 25.5 15.8 23.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.012 min
Lab File: BF130979.D
Acq: 04 Nov 2022 01:39

Tgt Ion:264 Resp: 122045
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.410 ng

RT: 17.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N

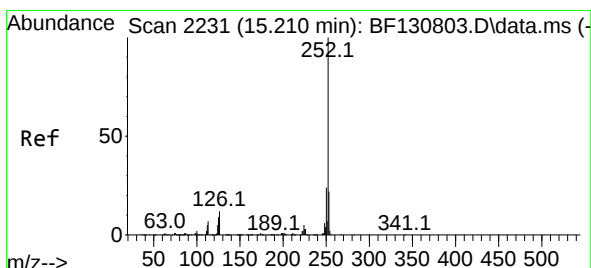
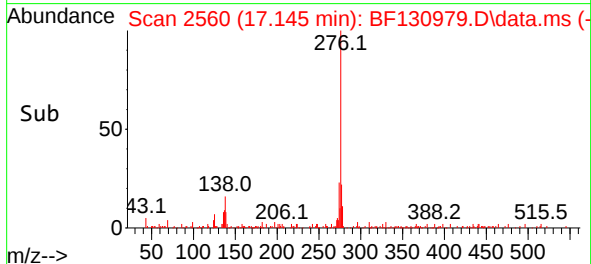
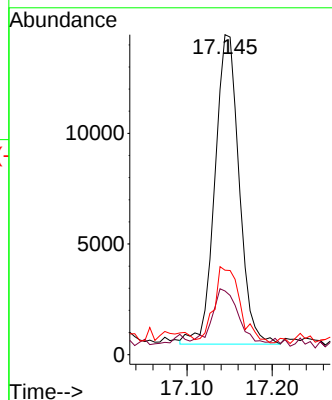
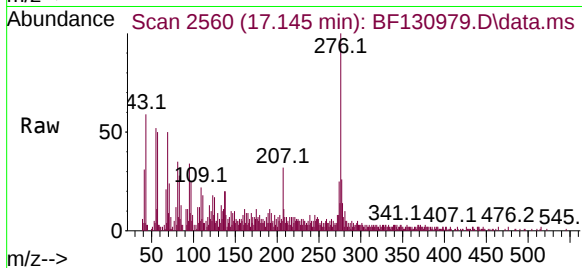
Tgt Ion:276 Resp: 27636

Ion Ratio Lower Upper

276 100

138 18.0 19.1 28.7#

277 26.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 9.445 ng

RT: 15.168 min Scan# 2224

Delta R.T. 0.006 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

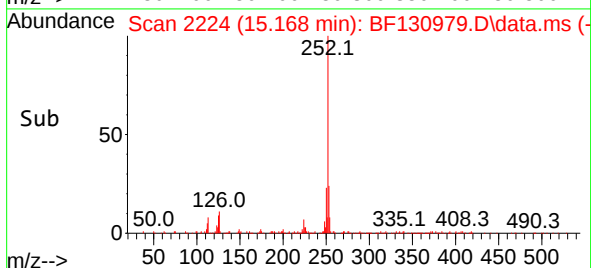
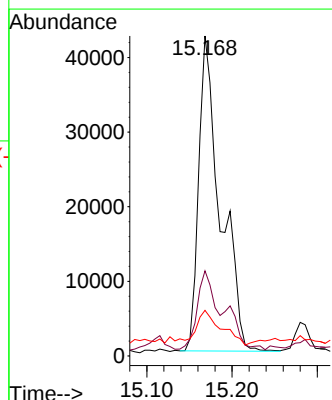
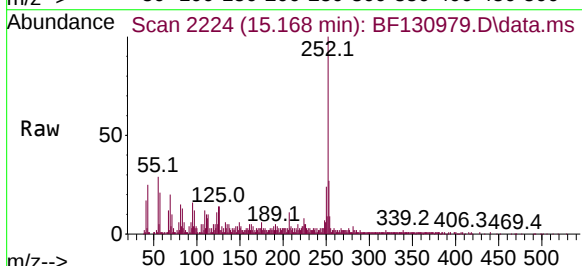
Tgt Ion:252 Resp: 74518

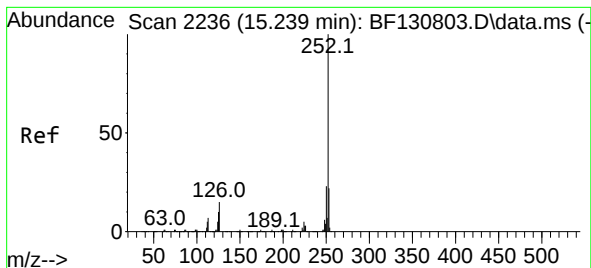
Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

125 14.2 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 9.693 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N

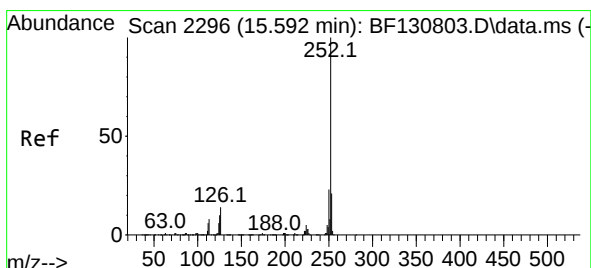
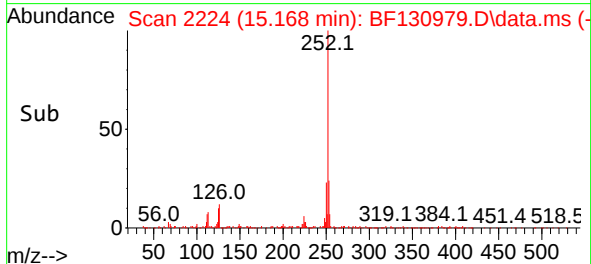
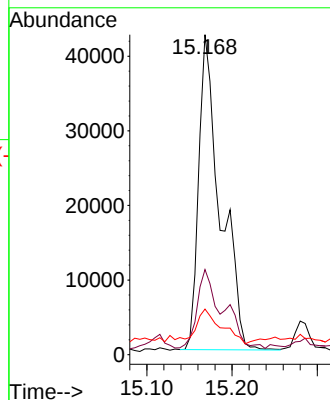
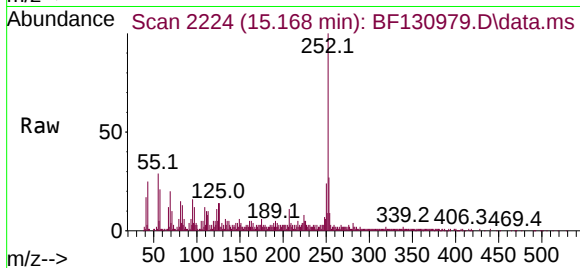
Tgt Ion:252 Resp: 74518

Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

125 14.2 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 4.666 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF130979.D

Acq: 04 Nov 2022 01:39

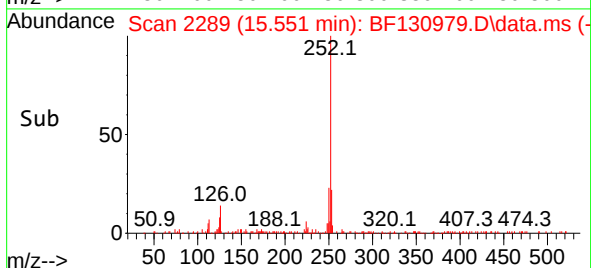
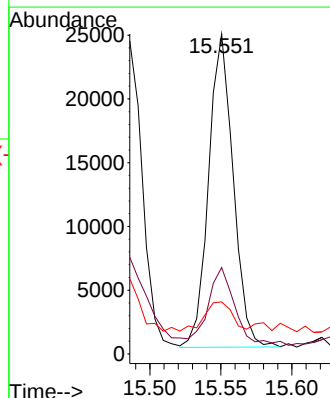
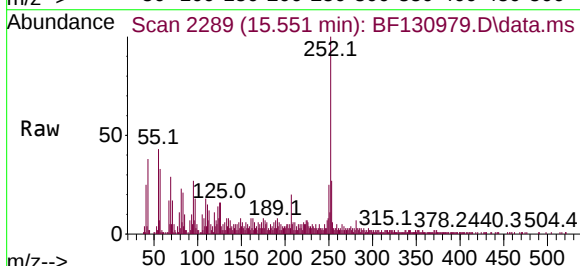
Tgt Ion:252 Resp: 29593

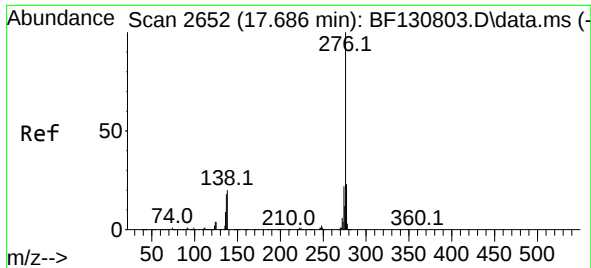
Ion Ratio Lower Upper

252 100

253 27.0 16.8 25.2#

125 16.2 8.3 12.5#





#92

Benzo(g,h,i)perylene

Concen: 4.514 ng

RT: 17.615 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF130979.D

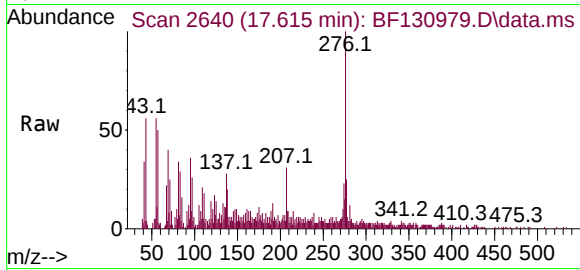
Acq: 04 Nov 2022 01:39

Instrument :

BNA_F

ClientSampleId :

TP-N



Tgt Ion:276 Resp: 30425

Ion Ratio Lower Upper

276 100

277 25.1 18.8 28.2

138 20.4 16.3 24.5

