

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132230.D
 Acq On : 31 Jan 2023 01:40
 Operator : CG\JU
 Sample : 01337-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-012723

Quant Time: Jan 31 02:34:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

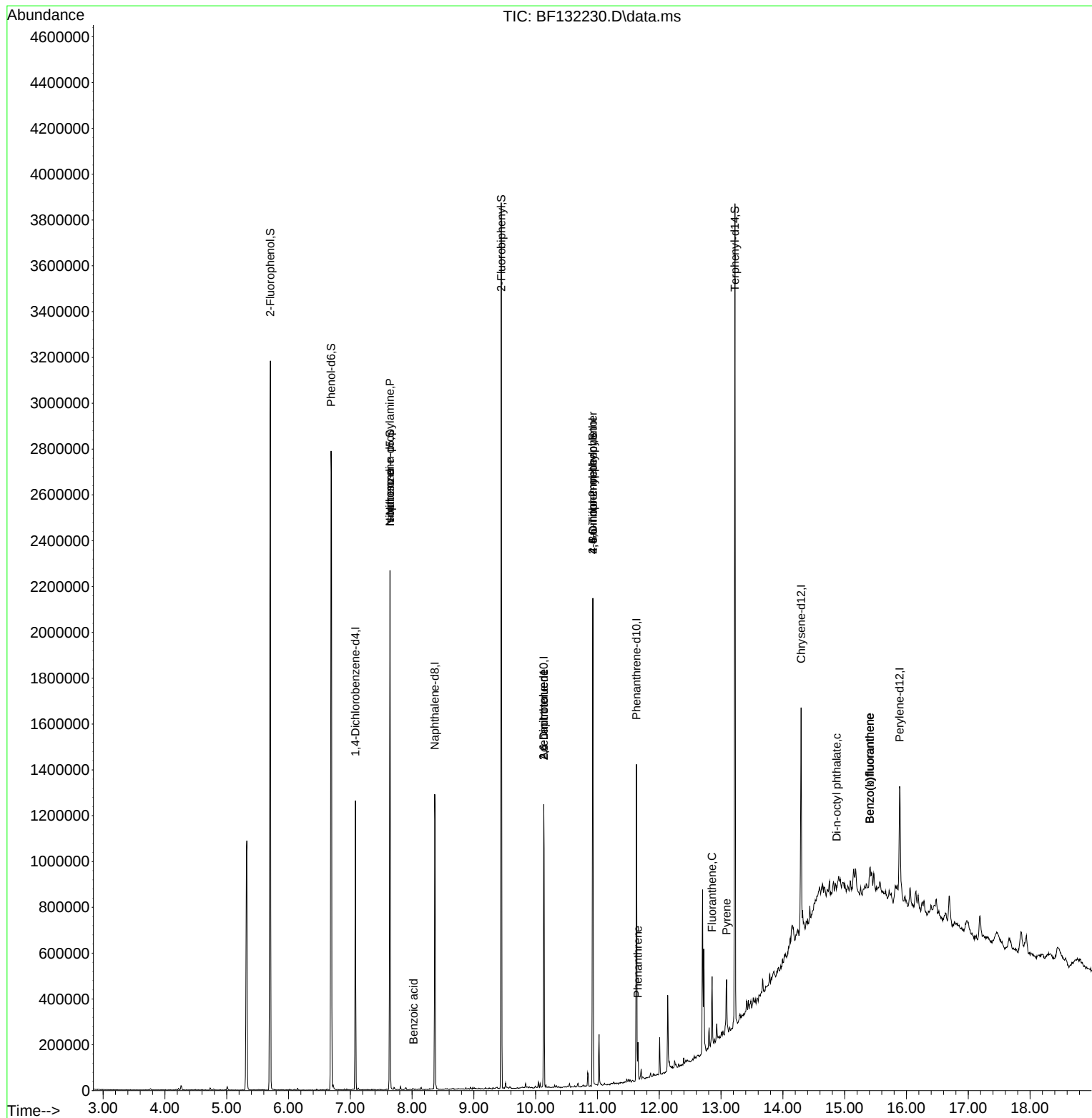
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	175668	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	556184	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	242473	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	460169	20.000	ng	0.00
76) Chrysene-d12	14.295	240	305203	20.000	ng	0.00
86) Perylene-d12	15.889	264	236382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	976361	92.475	ng	0.01
7) Phenol-d6	6.690	99	1135165	85.748	ng	0.00
23) Nitrobenzene-d5	7.642	82	678486	63.865	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	227746	101.434	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1049043	63.661	ng	0.00
79) Terphenyl-d14	13.224	244	1139971	58.683	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.642	70	85459	10.725	ng	# 77
25) Isophorone	7.642	82	678386	33.203	ng	# 67
32) Benzoic acid	8.025	122	690	7.400	ng	95
51) 2,6-Dinitrotoluene	10.131	165	31283	8.948	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	31283	7.269	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.925	198	570	5.534	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	15572	2.939	ng	# 1
71) Phenanthrene	11.654	178	53500	2.285	ng	98
75) Fluoranthene	12.854	202	101425	4.258	ng	99
78) Pyrene	13.089	202	85111	2.976	ng	99
85) Di-n-octyl phthalate	14.871	149	537	5.283	ng	# 1
88) Benzo(b)fluoranthene	15.407	252	32217	2.219	ng	# 48
89) Benzo(k)fluoranthene	15.407	252	32217	2.151	ng	# 47

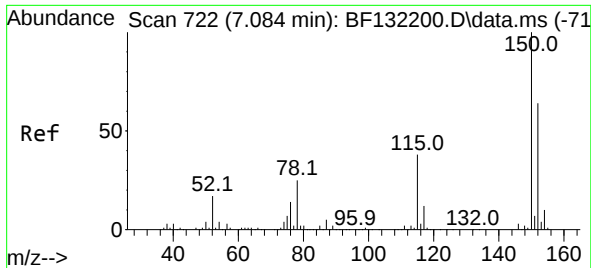
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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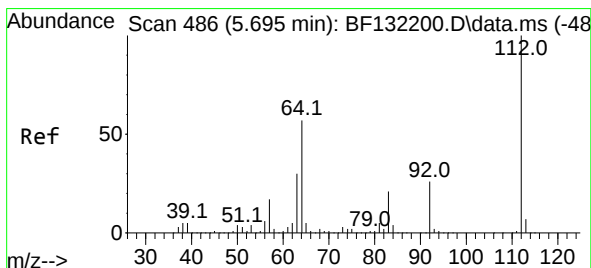
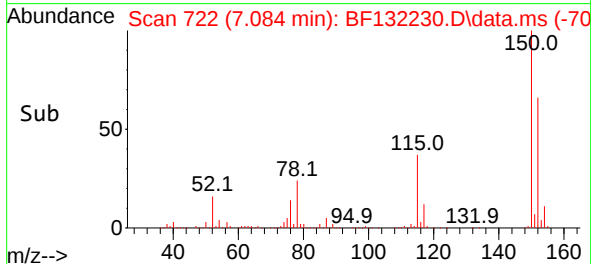
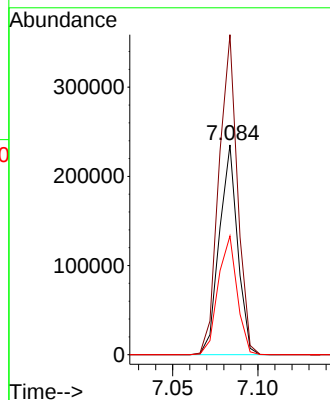
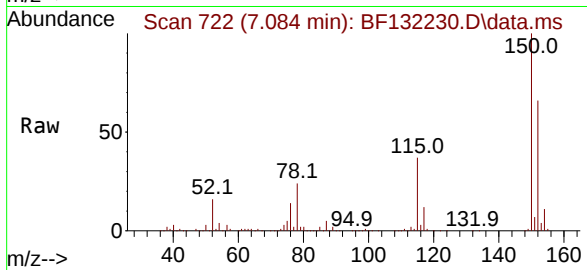




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.084 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

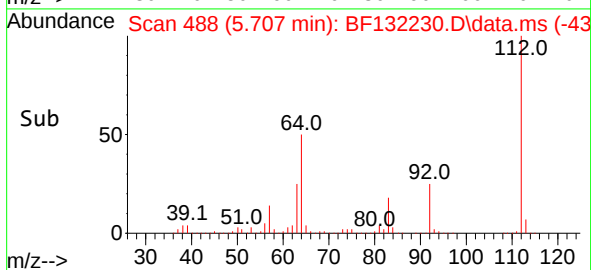
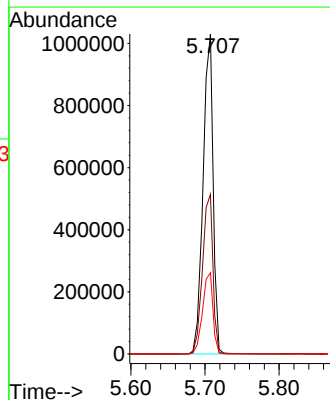
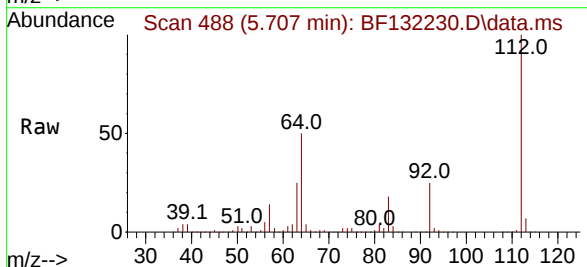
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BNA_F
ClientSampleId :
SU-02-012723

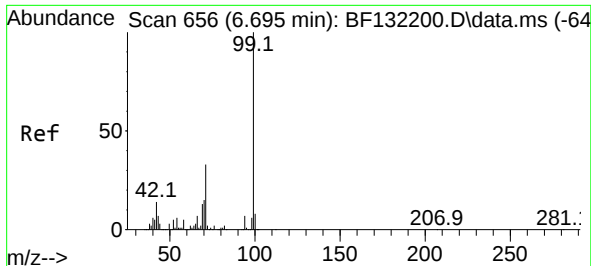
Tgt Ion:152 Resp: 175668
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 56.6 47.0 70.6



#5
2-Fluorophenol
Concen: 92.475 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion:112 Resp: 976361
Ion Ratio Lower Upper
112 100
64 49.9 45.5 68.3
63 25.4 23.7 35.5

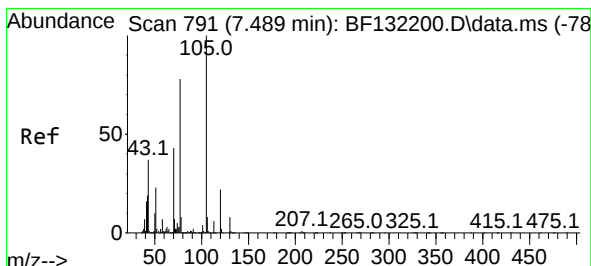
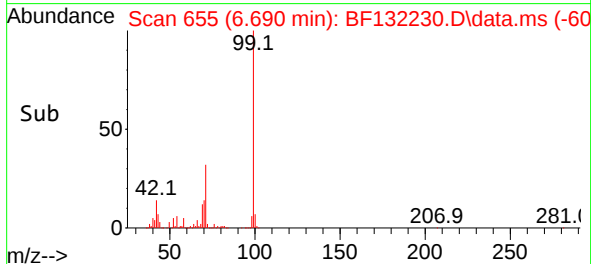
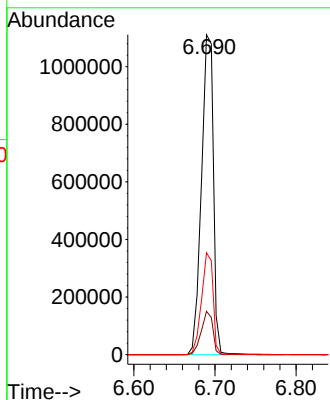
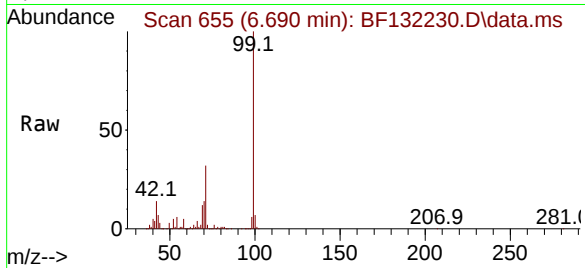




#7
Phenol-d6
Concen: 85.748 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

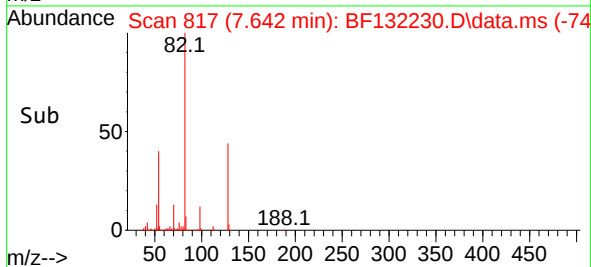
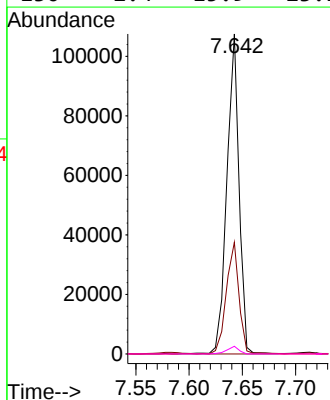
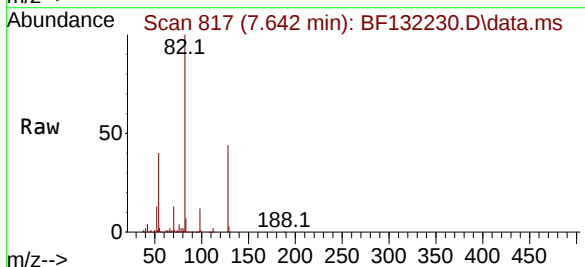
Instrument :
BNA_F
ClientSampleId :
SU-02-012723

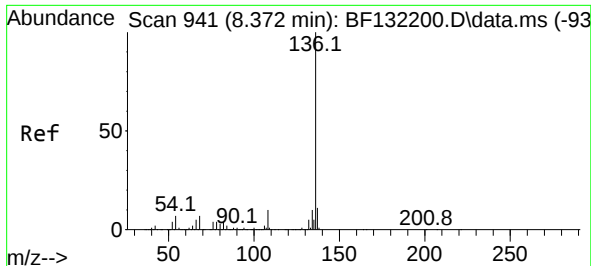
Tgt Ion: 99 Resp: 1135165
Ion Ratio Lower Upper
99 100
42 13.5 11.3 16.9
71 31.9 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.725 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion: 70 Resp: 85459
Ion Ratio Lower Upper
70 100
42 34.9 36.2 54.4#
101 0.0 7.9 11.9#
130 2.4 15.9 23.9#



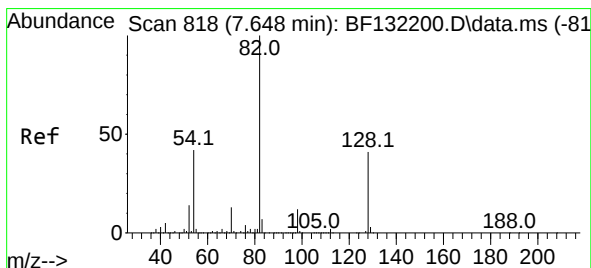
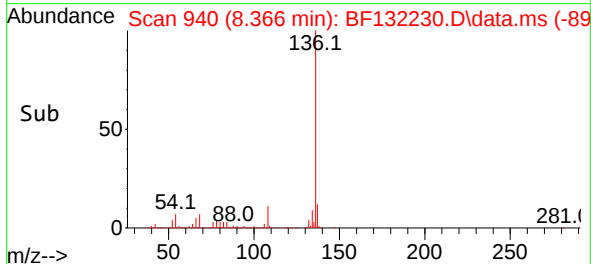
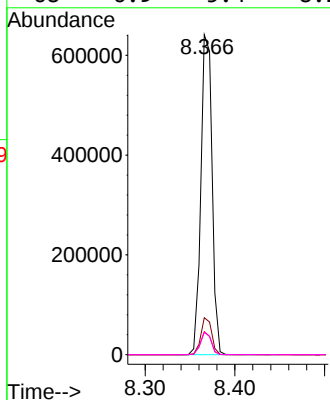
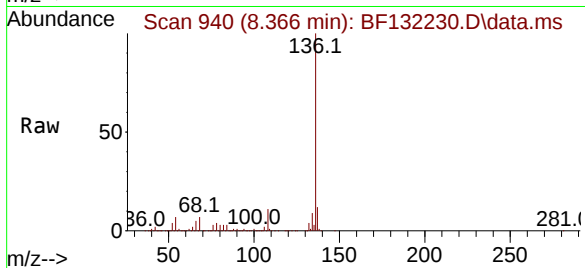


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Instrument :
BNA_F
ClientSampleId :
SU-02-012723

Tgt Ion:136 Resp: 556184

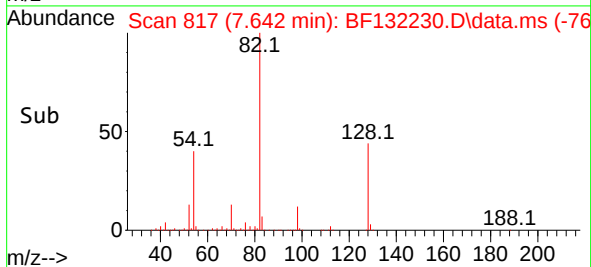
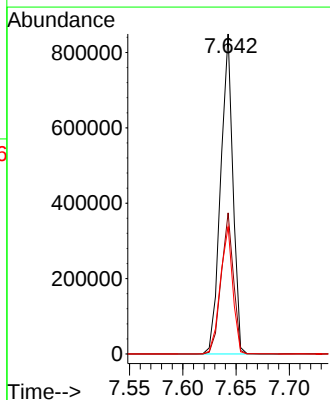
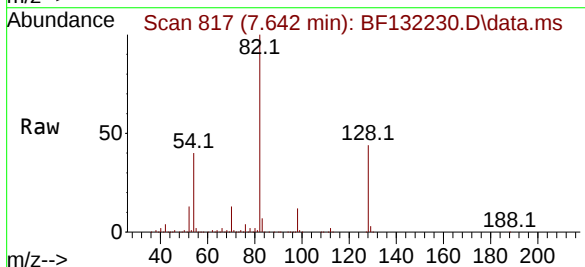
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.2	5.4	8.2
68	6.9	5.4	8.2

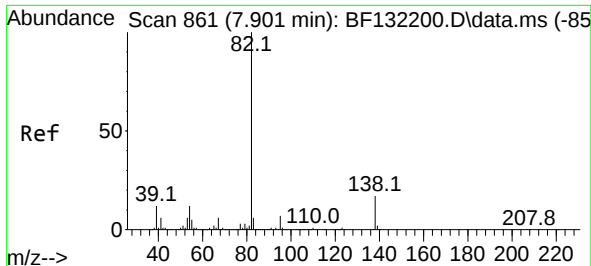


#23
Nitrobenzene-d5
Concen: 63.865 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion: 82 Resp: 678486

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.7	49.1
54	39.8	33.3	49.9

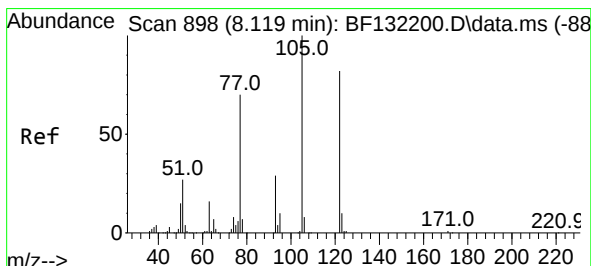
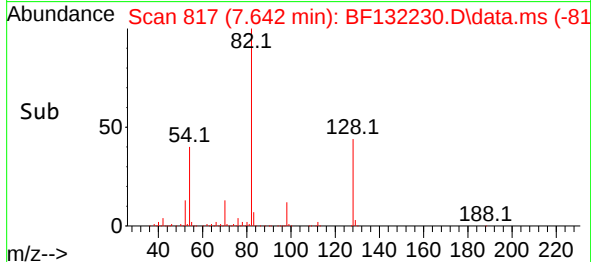
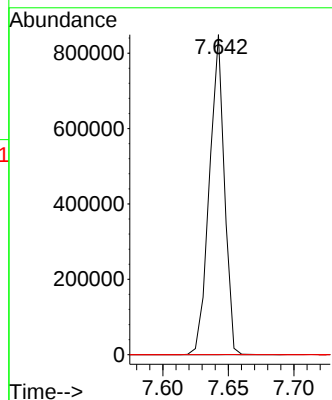
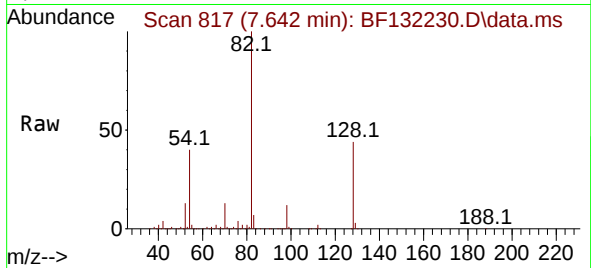




#25
Isophorone
Concen: 33.203 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

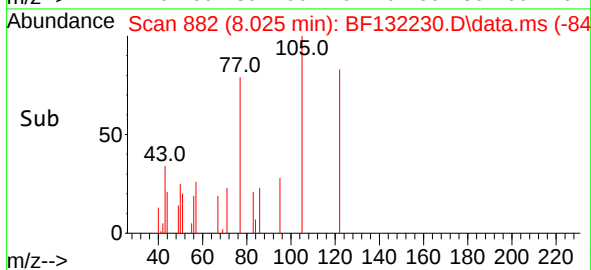
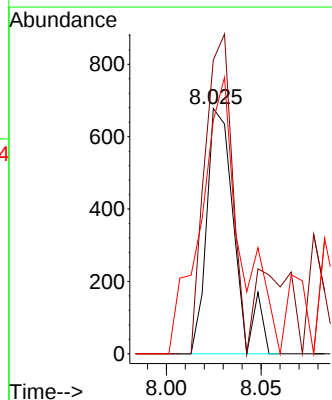
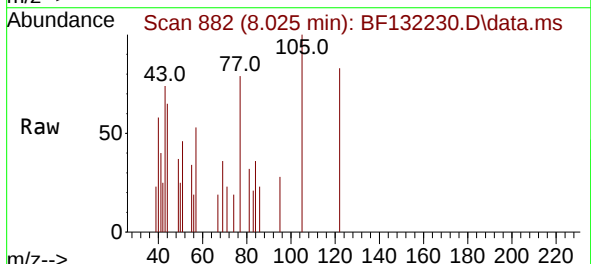
Instrument :
BNA_F
ClientSampleId :
SU-02-012723

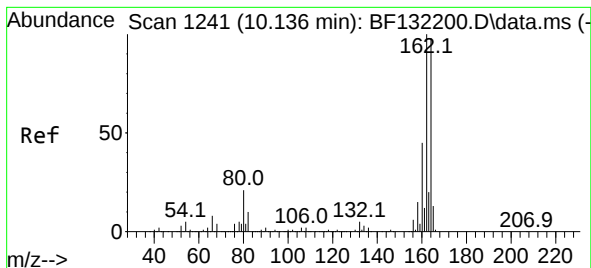
Tgt Ion: 82 Resp: 678386
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.400 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.094 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion:122 Resp: 690
Ion Ratio Lower Upper
122 100
105 119.8 101.5 141.5
77 95.1 66.5 106.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.131 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

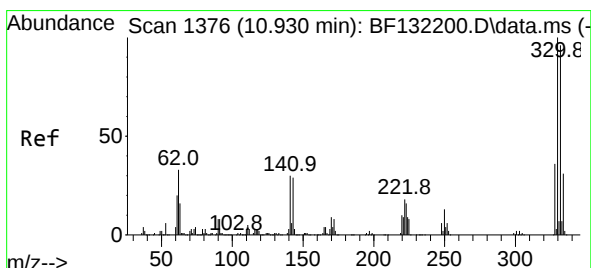
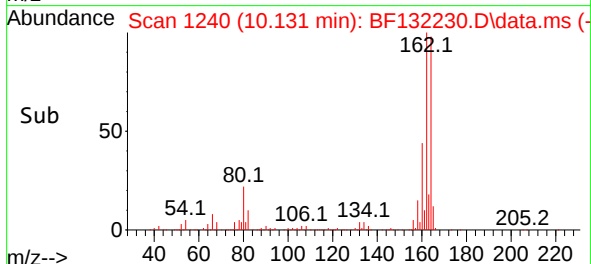
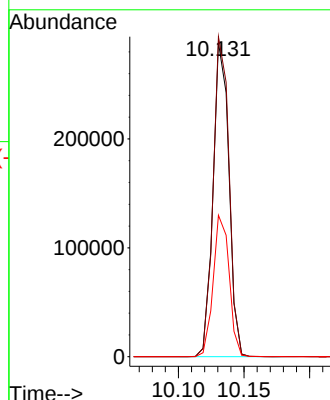
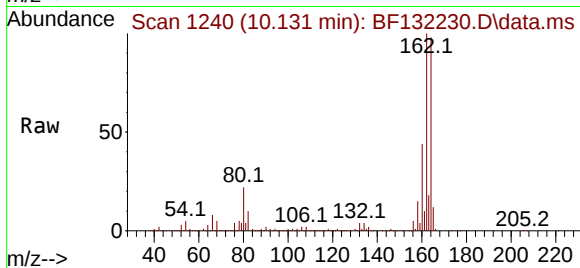
Tgt Ion:164 Resp: 242473

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 45.0 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 101.434 ng

RT: 10.925 min Scan# 1375

Delta R.T. -0.006 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

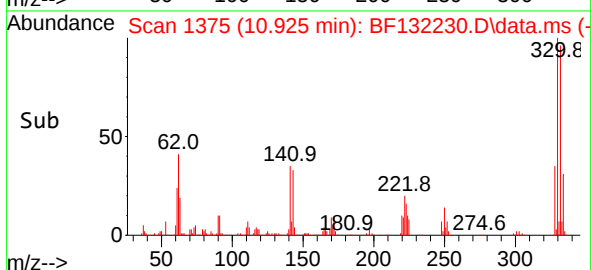
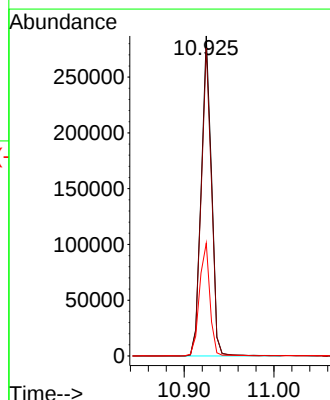
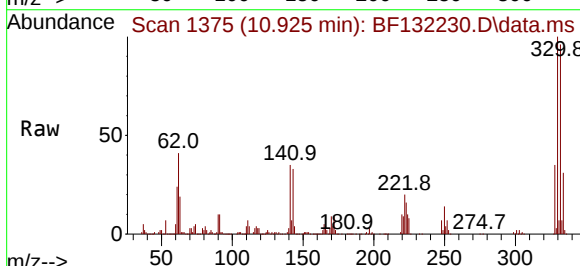
Tgt Ion:330 Resp: 227746

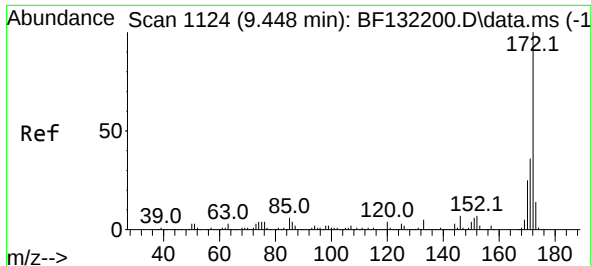
Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

141 35.9 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 63.661 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

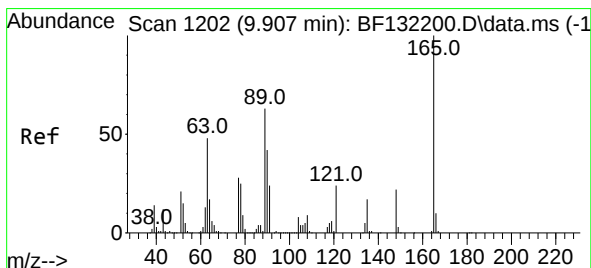
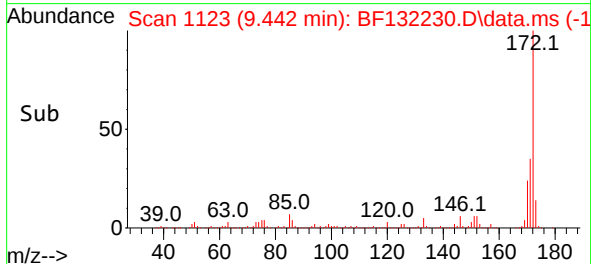
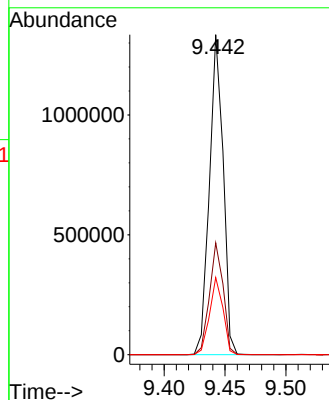
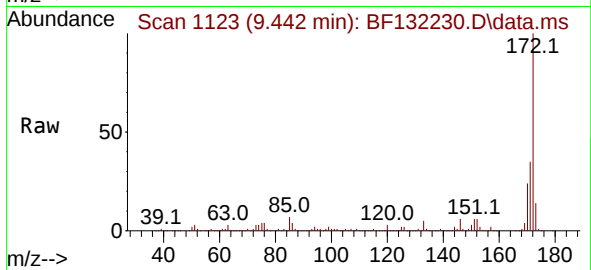
Tgt Ion:172 Resp: 1049043

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 24.1 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.948 ng

RT: 10.131 min Scan# 1240

Delta R.T. 0.223 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

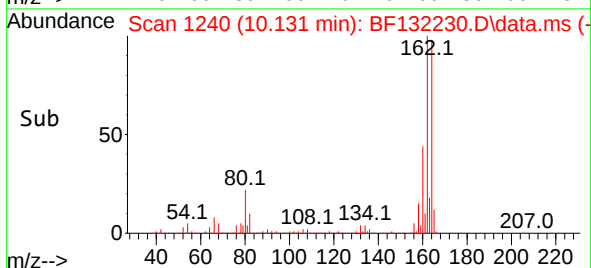
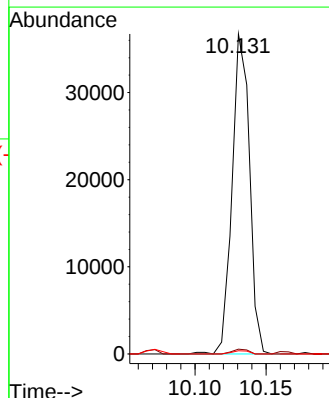
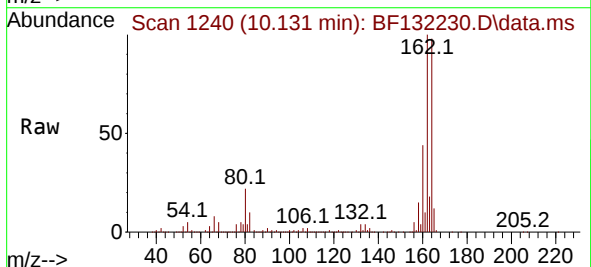
Tgt Ion:165 Resp: 31283

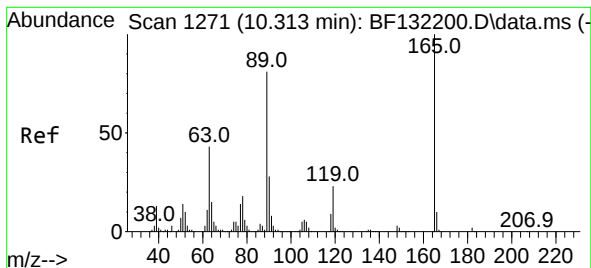
Ion Ratio Lower Upper

165 100

63 1.5 46.1 69.1#

89 1.0 50.3 75.5#

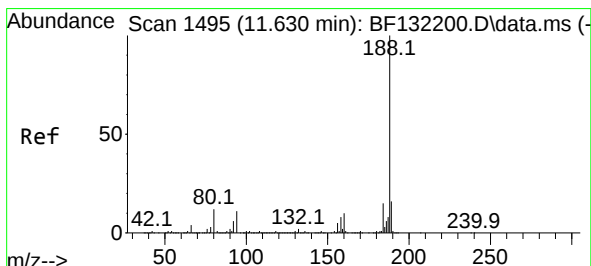
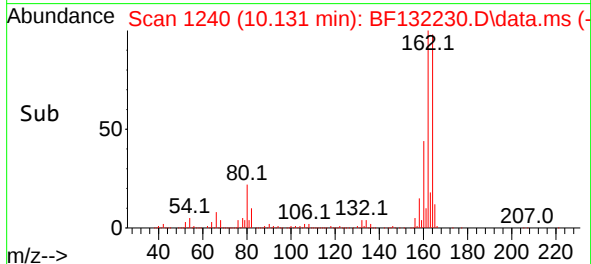
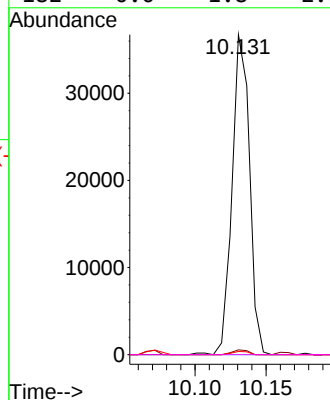
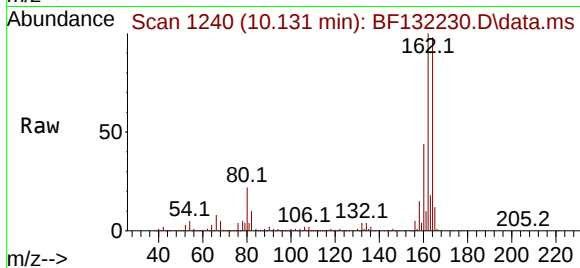




#57
2,4-Dinitrotoluene
Concen: 7.269 ng
RT: 10.131 min Scan# 1271
Delta R.T. -0.183 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

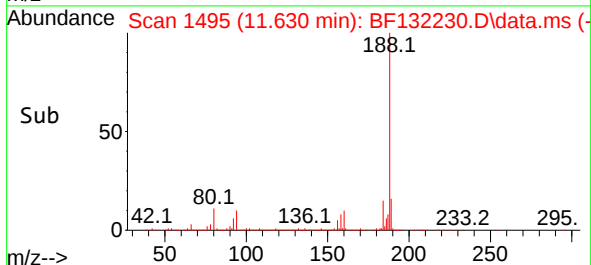
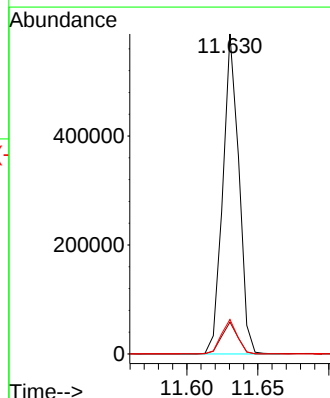
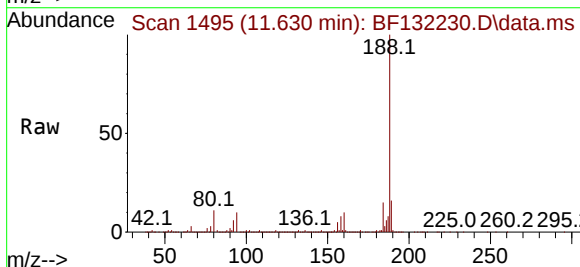
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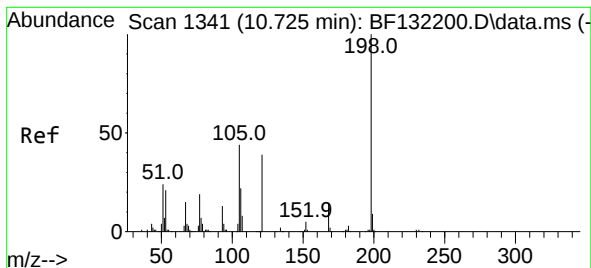
Tgt Ion:165 Resp: 31283
Ion Ratio Lower Upper
165 100
63 1.5 34.2 51.2#
89 1.0 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion:188 Resp: 460169
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.8 9.2 13.8

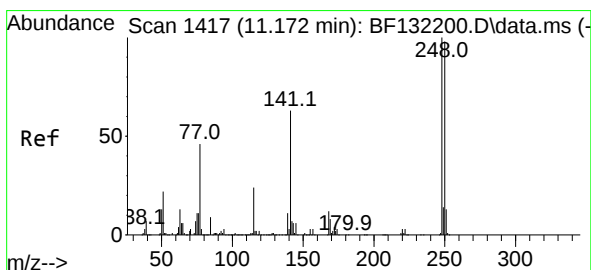
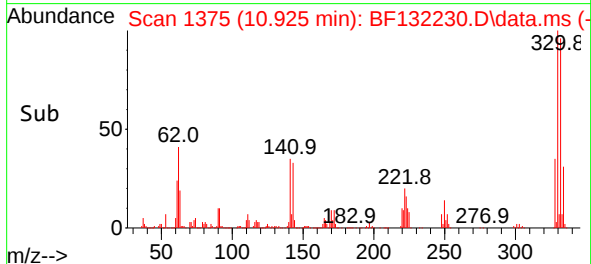
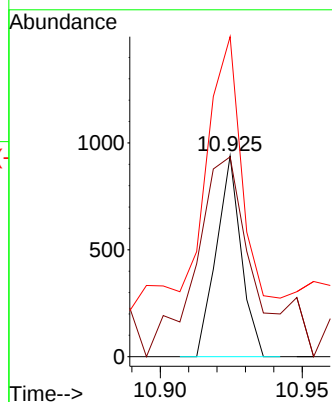
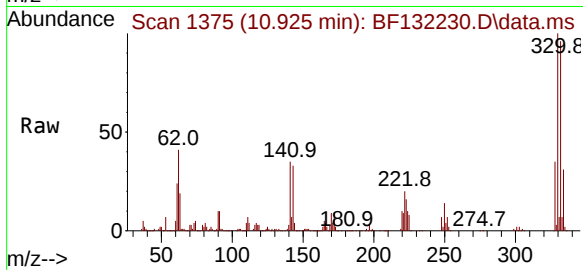




#65
4,6-Dinitro-2-methylphenol
Concen: 5.534 ng
RT: 10.925 min Scan# 1375
Delta R.T. 0.200 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

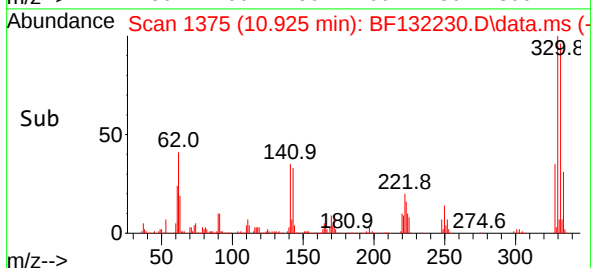
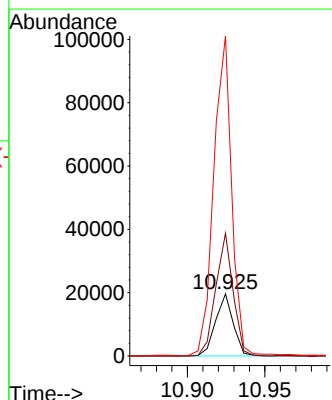
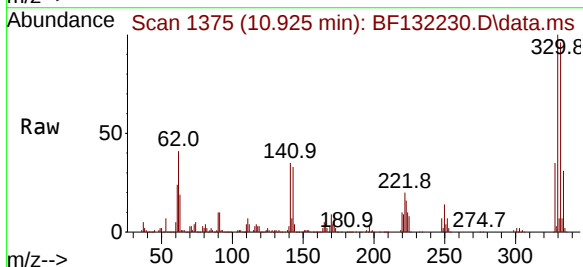
Instrument :
BNA_F
ClientSampleId :
SU-02-012723

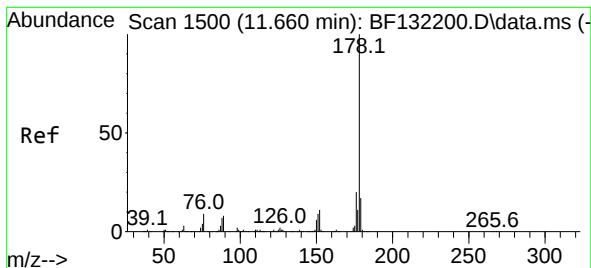
Tgt Ion:198 Resp: 570
Ion Ratio Lower Upper
198 100
51 99.6 14.9 54.9#
105 159.4 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.247 min
Lab File: BF132230.D
Acq: 31 Jan 2023 01:40

Tgt Ion:248 Resp: 15572
Ion Ratio Lower Upper
248 100
250 197.9 78.5 117.7#
141 515.8 50.2 75.4#





#71

Phenanthrene

Concen: 2.285 ng

RT: 11.654 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

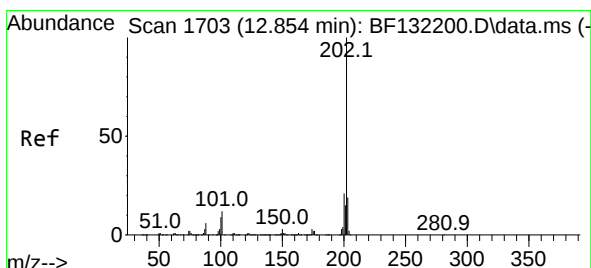
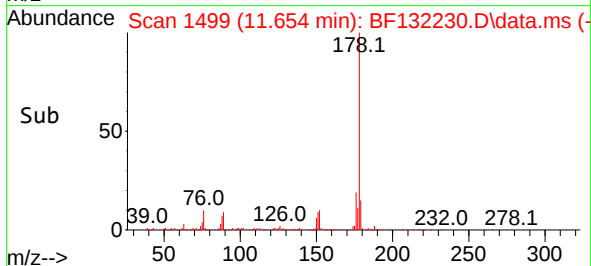
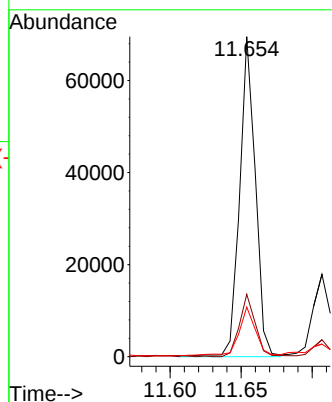
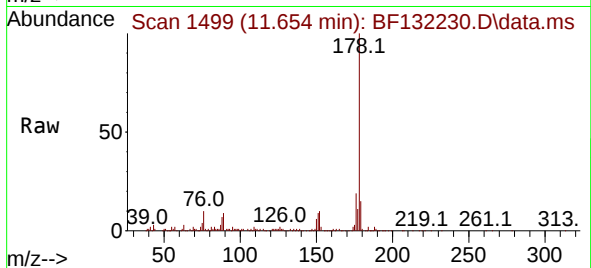
Tgt Ion:178 Resp: 53500

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

179 15.5 13.3 19.9



#75

Fluoranthene

Concen: 4.258 ng

RT: 12.854 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

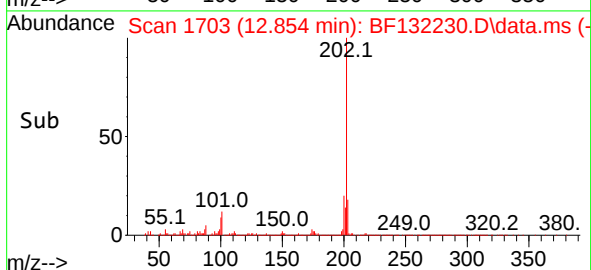
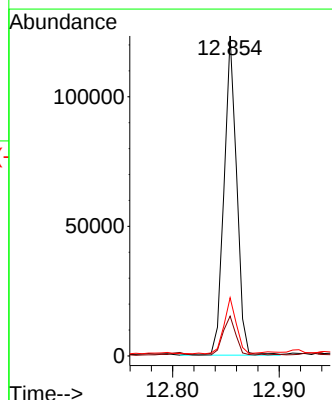
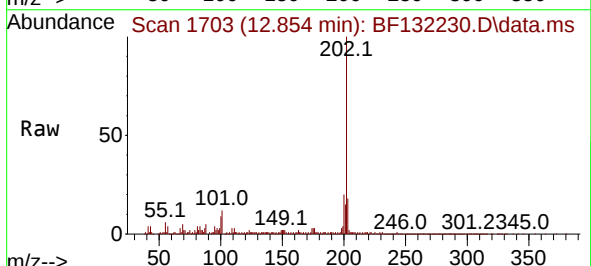
Tgt Ion:202 Resp: 101425

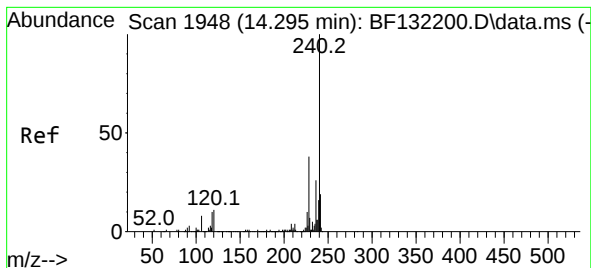
Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.5

203 18.2 0.0 38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

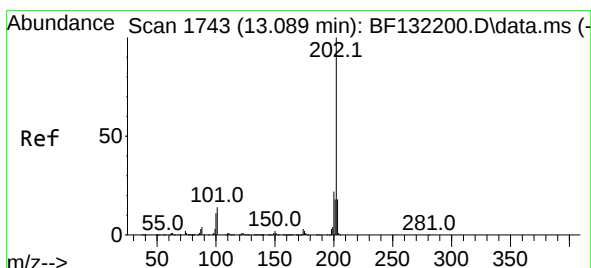
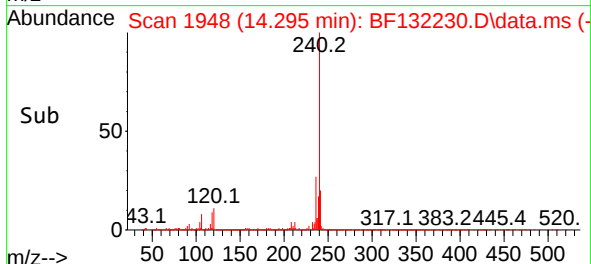
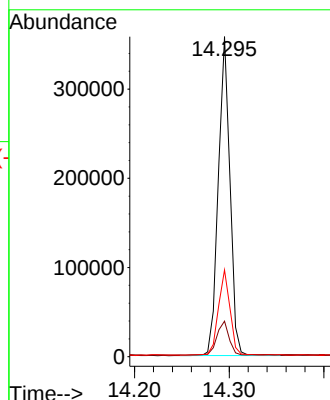
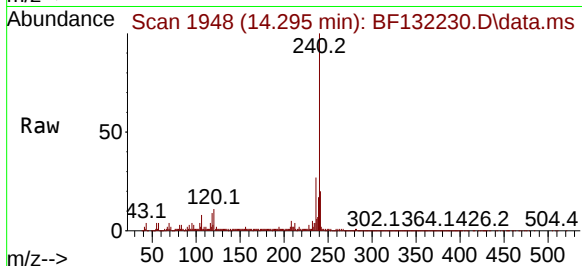
Tgt Ion:240 Resp: 305203

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 27.1 20.8 31.2



#78

Pyrene

Concen: 2.976 ng

RT: 13.089 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

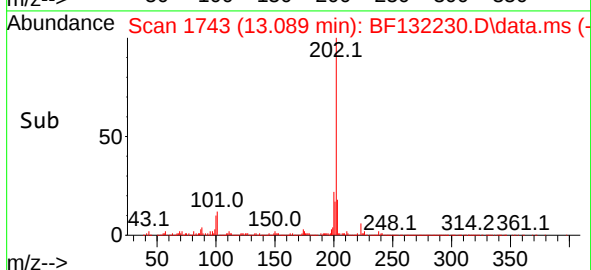
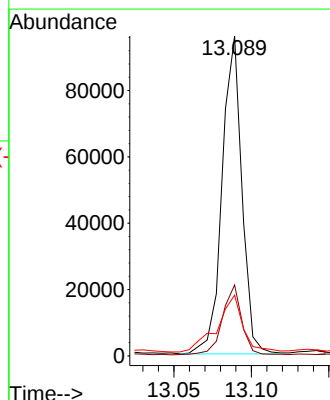
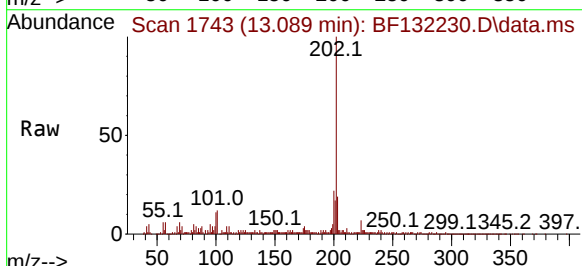
Tgt Ion:202 Resp: 85111

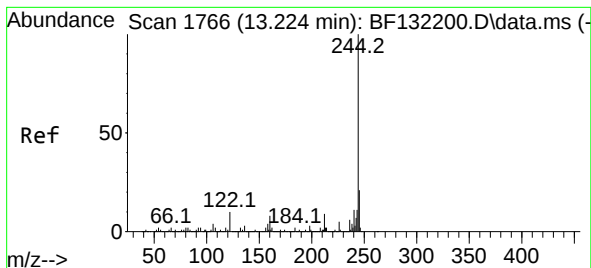
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 19.0 14.7 22.1





#79

Terphenyl-d14

Concen: 58.683 ng

RT: 13.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

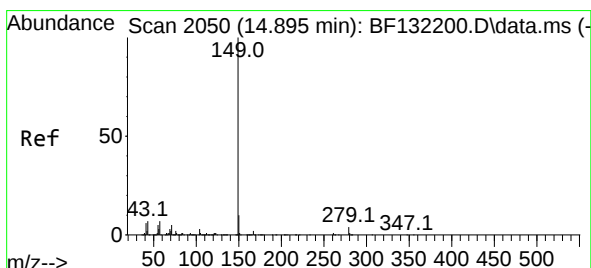
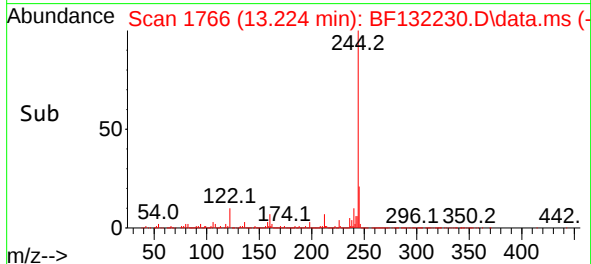
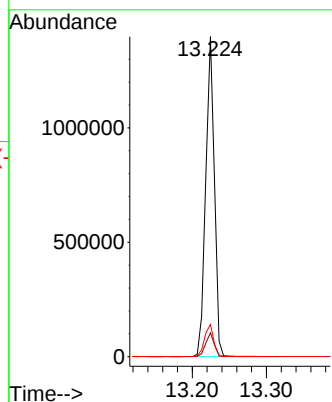
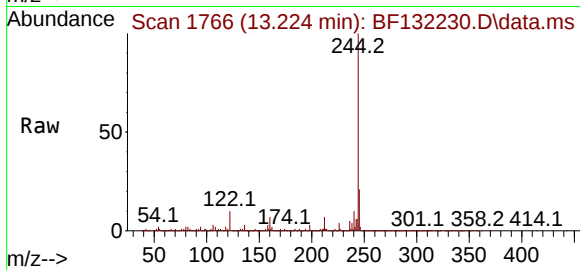
Tgt Ion:244 Resp: 1139971

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 10.1 8.3 12.5



#85

Di-n-octyl phthalate

Concen: 5.283 ng

RT: 14.871 min Scan# 2046

Delta R.T. -0.024 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

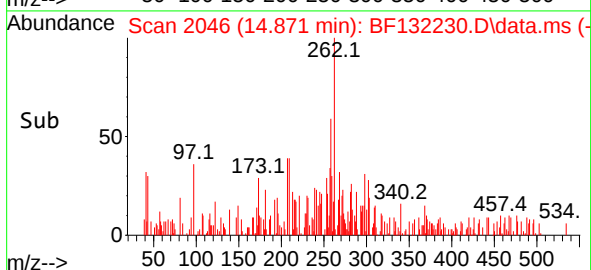
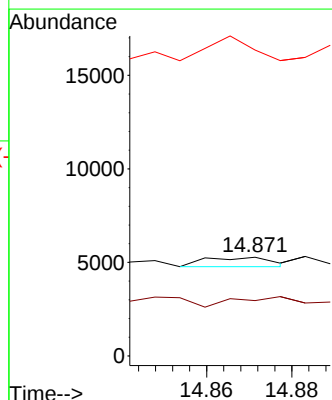
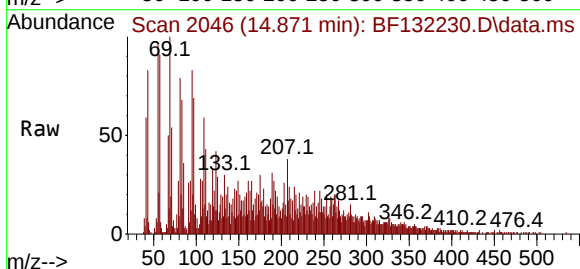
Tgt Ion:149 Resp: 537

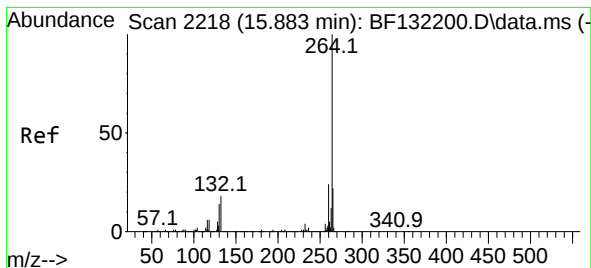
Ion Ratio Lower Upper

149 100

167 104.8 1.2 1.8#

43 242.5 6.6 10.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.889 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723

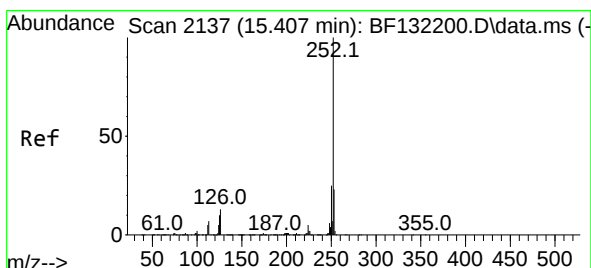
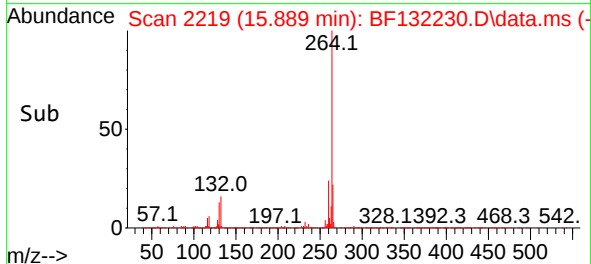
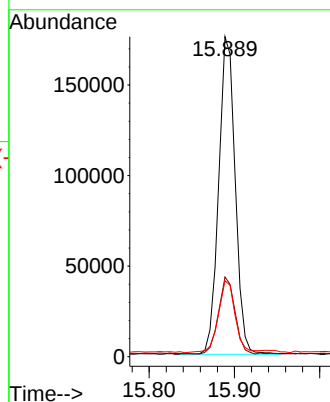
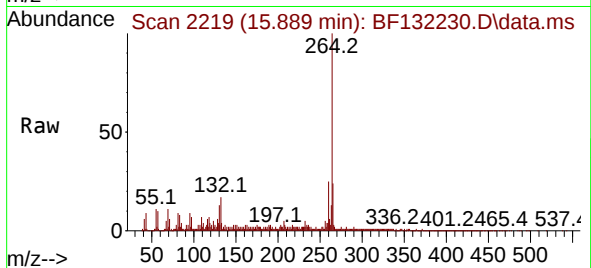
Tgt Ion:264 Resp: 236382

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 23.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.219 ng

RT: 15.407 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF132230.D

Acq: 31 Jan 2023 01:40

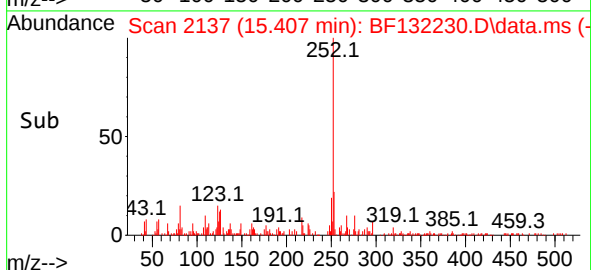
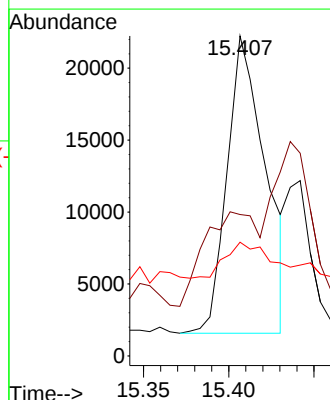
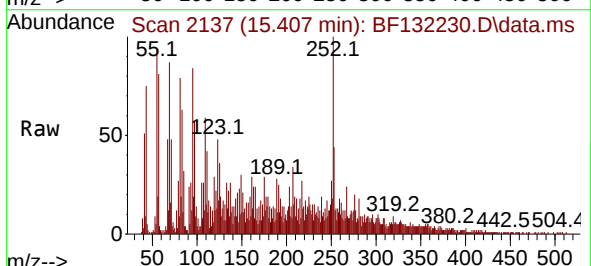
Tgt Ion:252 Resp: 32217

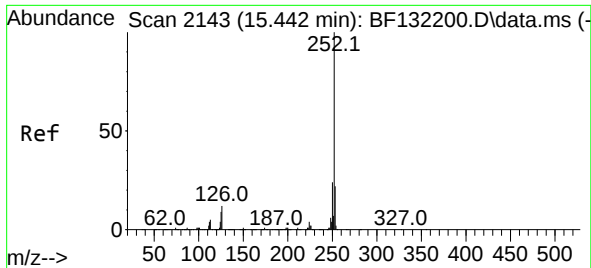
Ion Ratio Lower Upper

252 100

253 44.2 18.0 27.0#

125 35.6 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 2.151 ng

RT: 15.407 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF132230.D

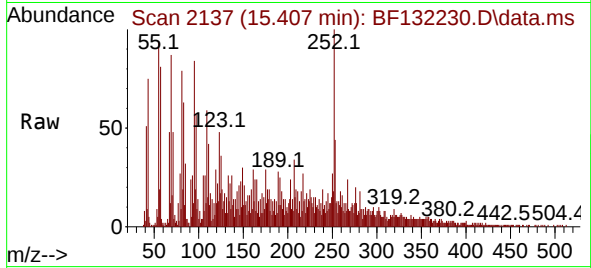
Acq: 31 Jan 2023 01:40

Instrument :

BNA_F

ClientSampleId :

SU-02-012723



Tgt Ion:252 Resp: 32217

Ion Ratio Lower Upper

252 100

253 44.2 17.8 26.6#

125 35.6 7.7 11.5#

