

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128218.D
 Acq On : 12 May 2022 14:42
 Operator : CG\JU
 Sample : N2792-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-371

Quant Time: May 13 05:14:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

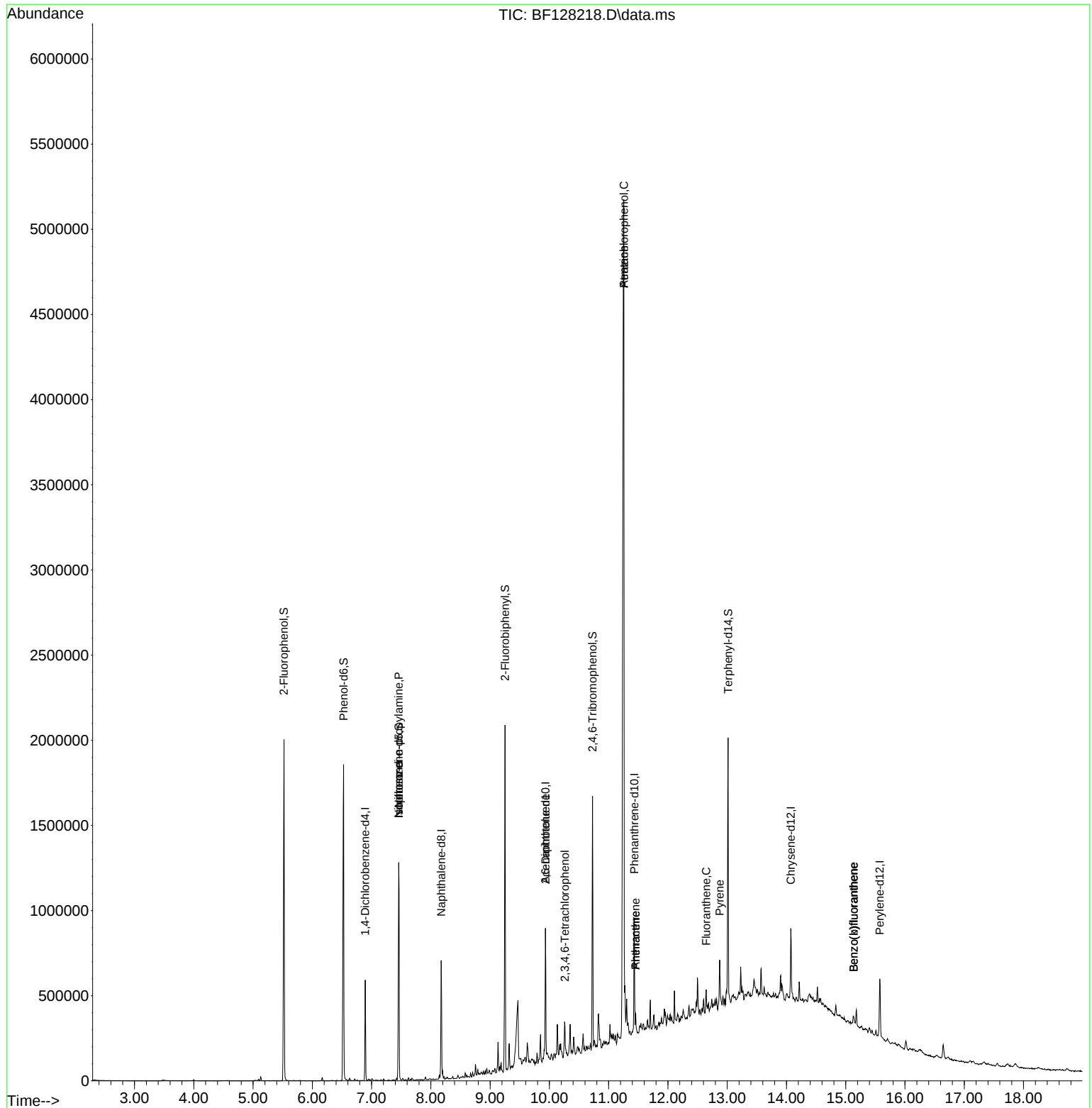
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	72943	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	272153	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	149935	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	237196	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	139847	20.000	ng	0.00
86) Perylene-d12	15.574	264	149252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	485349	106.071	ng	0.00
7) Phenol-d6	6.528	99	626991	103.599	ng	0.00
23) Nitrobenzene-d5	7.457	82	456337	75.449	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	167386	97.342	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	569574	59.440	ng	0.00
79) Terphenyl-d14	13.016	244	496727	66.649	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	203	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	63417	17.015	ng	# 79
25) Isophorone	7.457	82	456331	48.124	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20107	9.473	ng	# 25
59) 2,3,4,6-Tetrachlorophenol	10.263	232	25890	9.971	ng	# 94
69) Atrazine	11.257	200	182229	78.146	ng	# 37
70) Pentachlorophenol	11.257	266	928225	685.147	ng	97
71) Phenanthrene	11.457	178	36815	3.117	ng	97
72) Anthracene	11.457	178	36815	3.122	ng	97
75) Fluoranthene	12.645	202	39059	3.050	ng	94
78) Pyrene	12.874	202	36249	3.575	ng	97
88) Benzo(b)fluoranthene	15.133	252	23342	2.523	ng	# 69
89) Benzo(k)fluoranthene	15.133	252	23342	2.556	ng	# 68

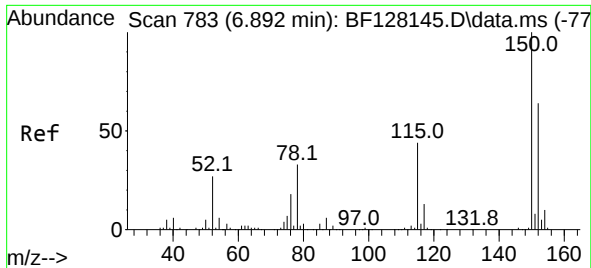
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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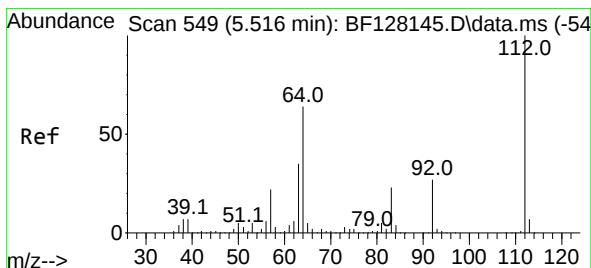
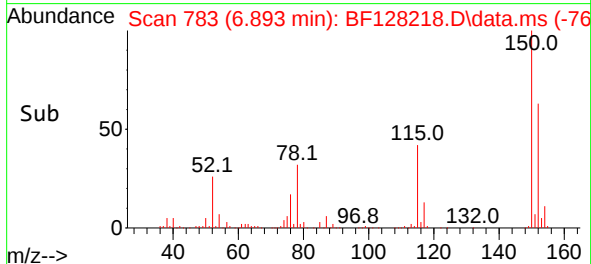
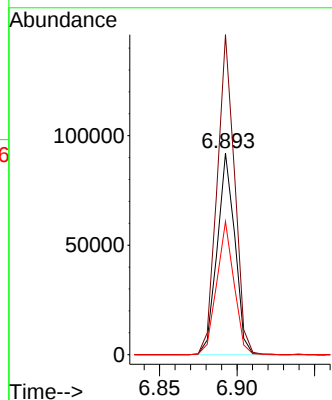
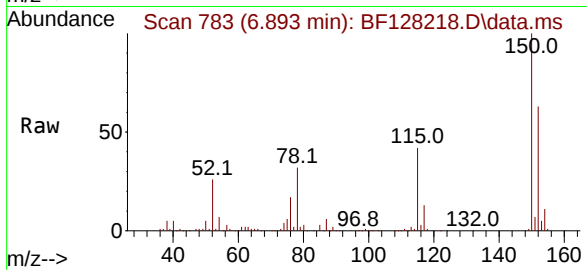




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

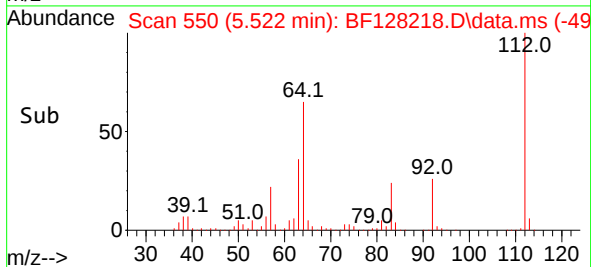
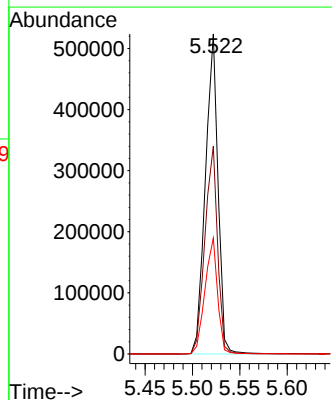
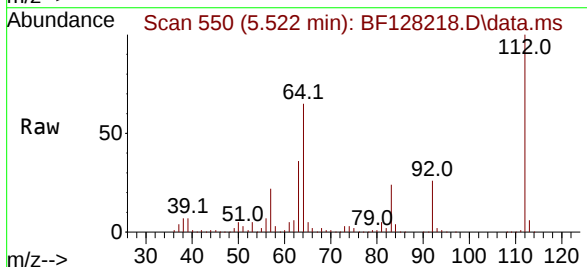
Instrument :
 BNA_F
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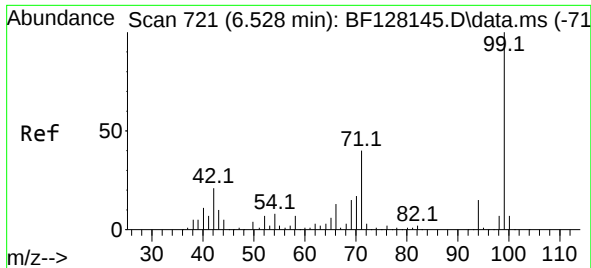
Tgt Ion:152 Resp: 72943
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.3 187.9
 115 66.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 106.071 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

Tgt Ion:112 Resp: 485349
 Ion Ratio Lower Upper
 112 100
 64 64.9 49.5 74.3
 63 36.2 26.3 39.5

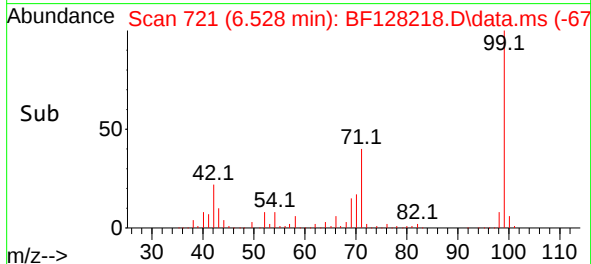
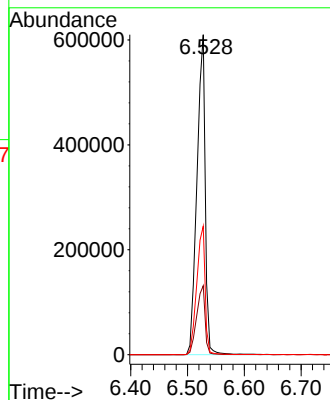
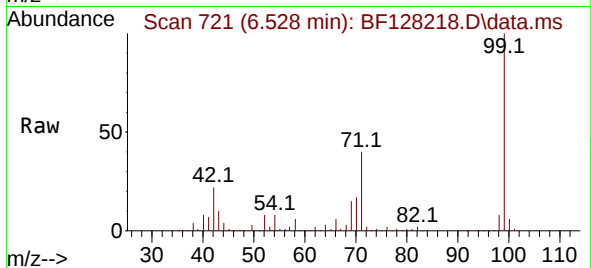




#7
Phenol-d6
Concen: 103.599 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

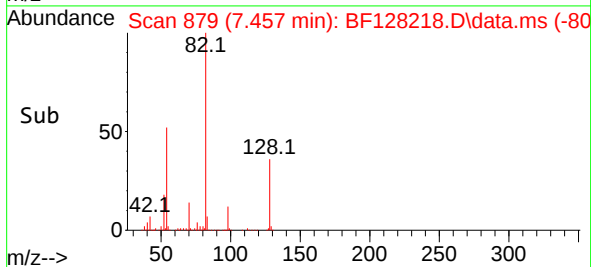
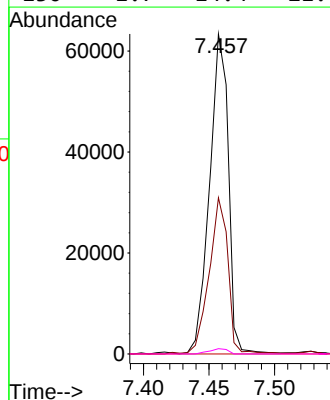
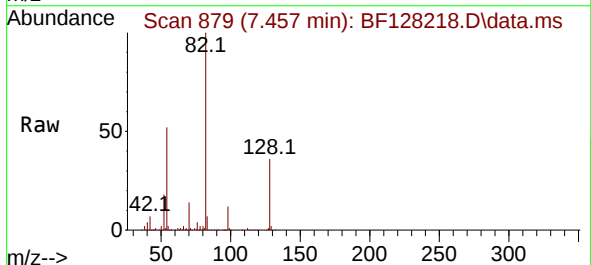
Instrument :
BNA_F
ClientSampleId :
RO-371

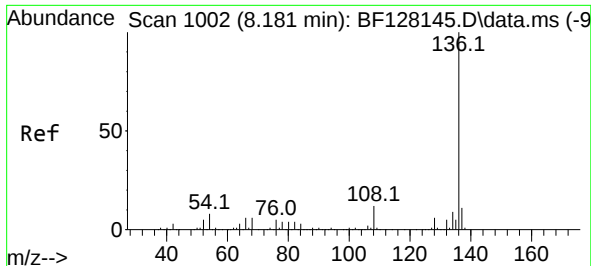
Tgt Ion: 99 Resp: 626991
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.015 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Tgt Ion: 70 Resp: 63417
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



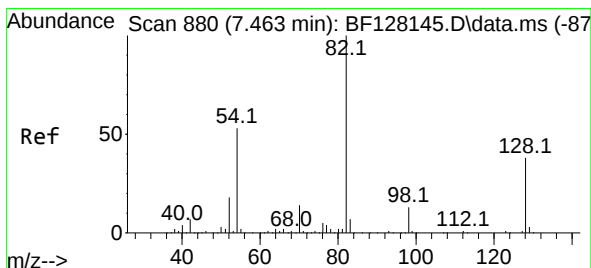
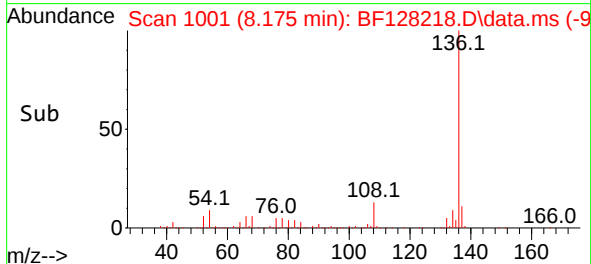
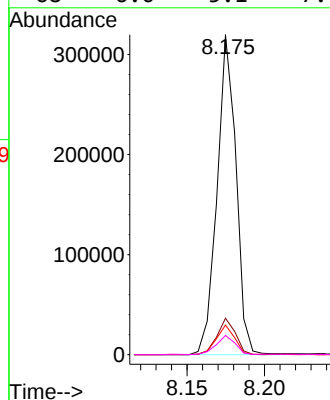
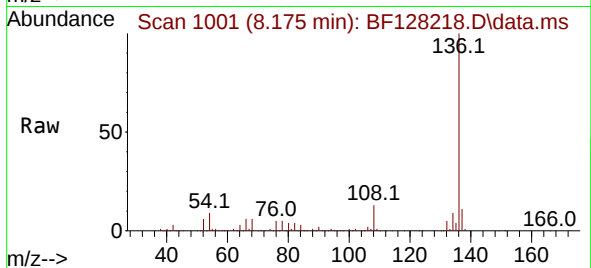


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Instrument :
BNA_F
ClientSampleId :
RO-371

Tgt Ion:136 Resp: 272153

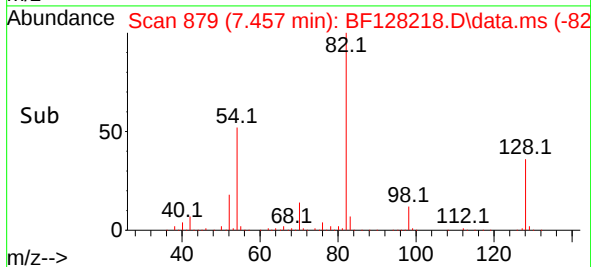
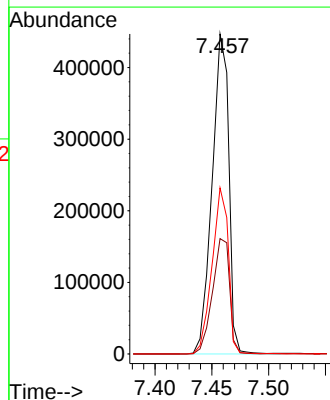
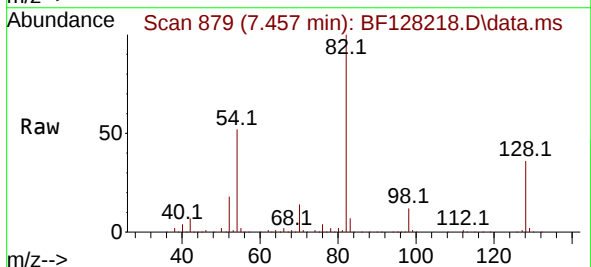
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.2	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 75.449 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Tgt Ion: 82 Resp: 456337

Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.0	45.0
54	51.9	41.3	61.9

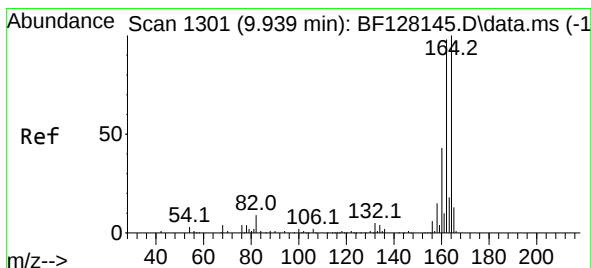
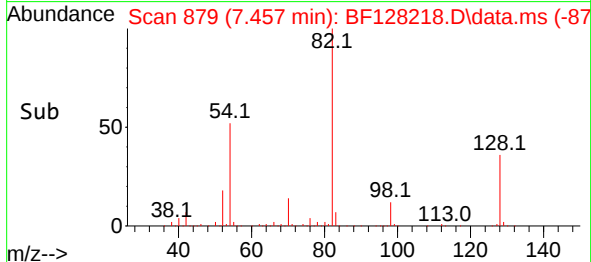
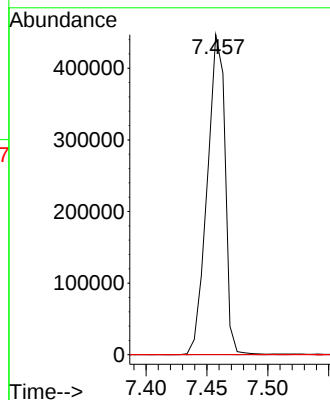
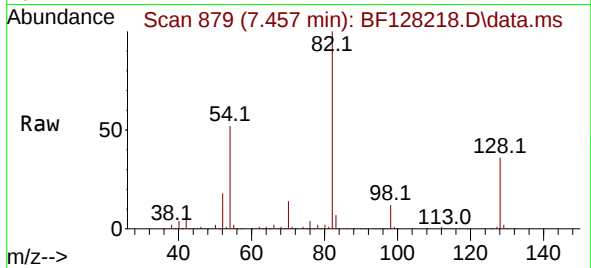




#25
Isophorone
Concen: 48.124 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

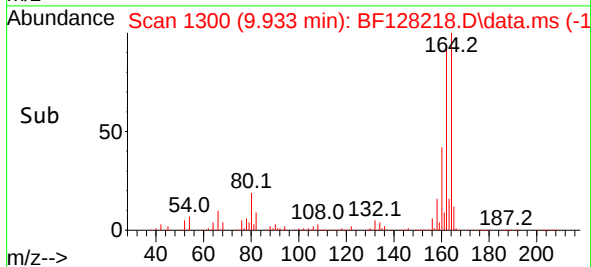
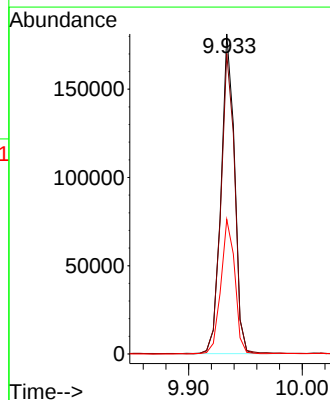
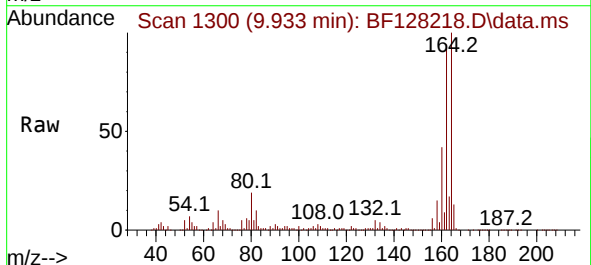
Instrument :
BNA_F
ClientSampleId :
RO-371

Tgt Ion: 82 Resp: 456331
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Tgt Ion:164 Resp: 149935
Ion Ratio Lower Upper
164 100
162 93.9 76.0 114.0
160 42.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 97.342 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

Instrument :

BNA_F

ClientSampleId :

RO-371

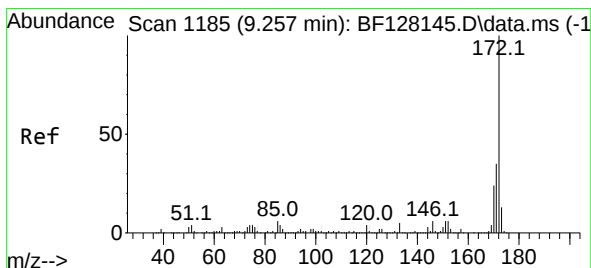
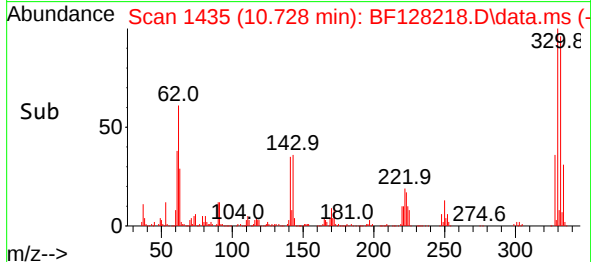
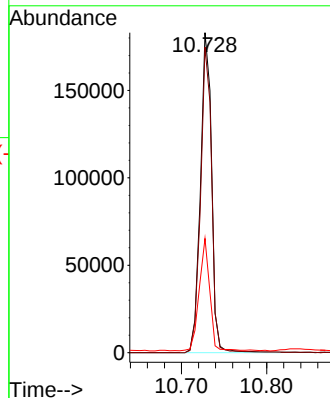
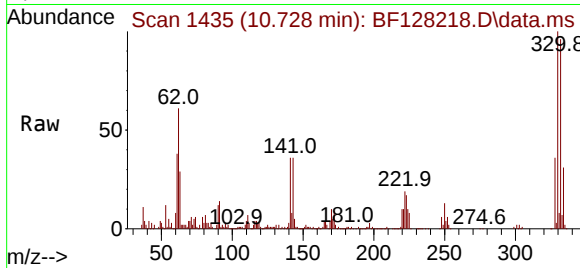
Tgt Ion:330 Resp: 167386

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 59.440 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

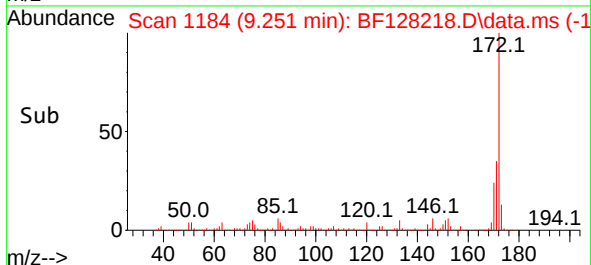
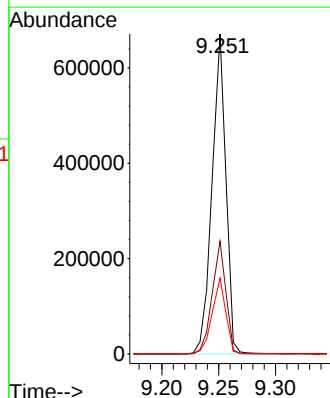
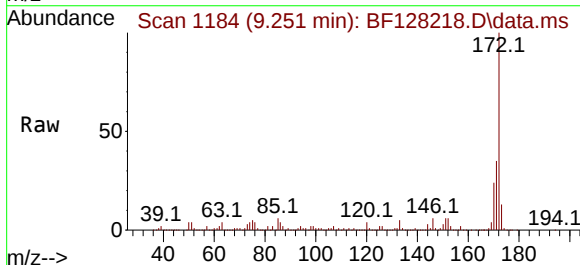
Tgt Ion:172 Resp: 569574

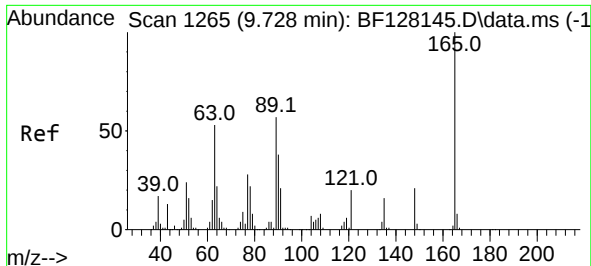
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.7 19.1 28.7

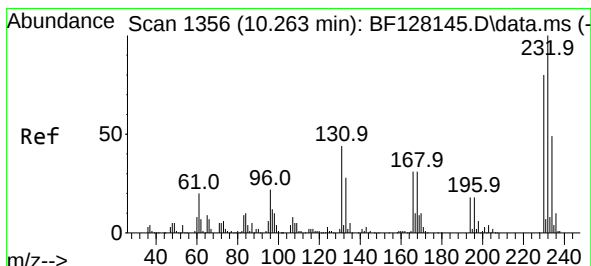
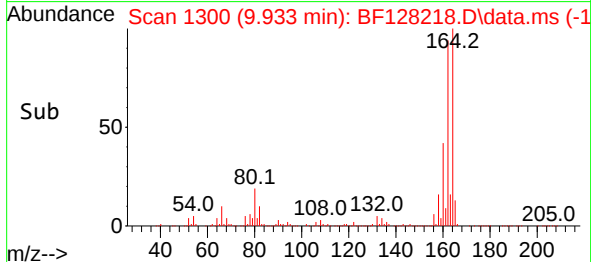
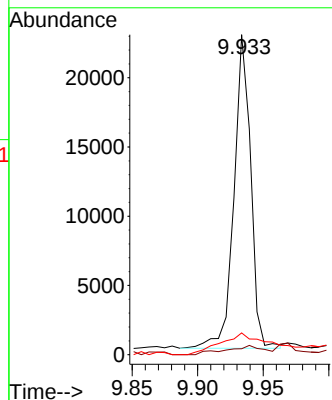
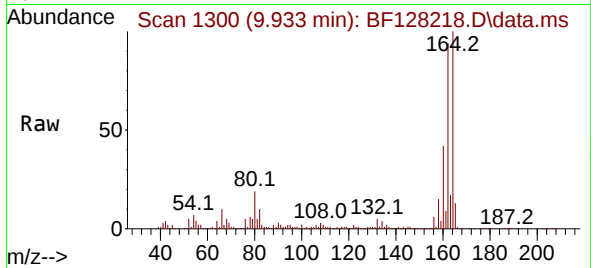




#51
2,6-Dinitrotoluene
Concen: 9.473 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

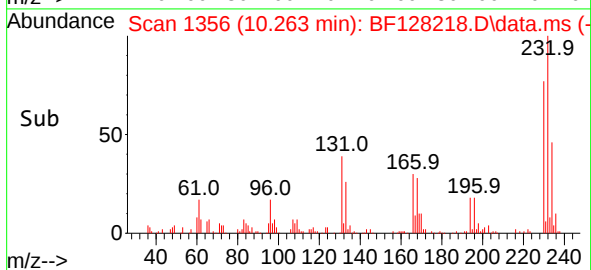
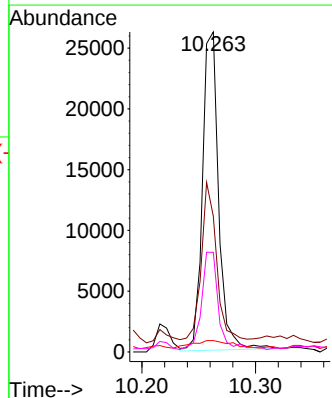
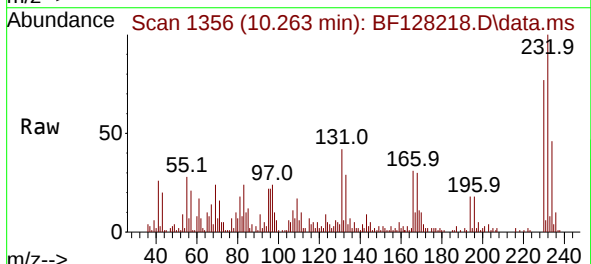
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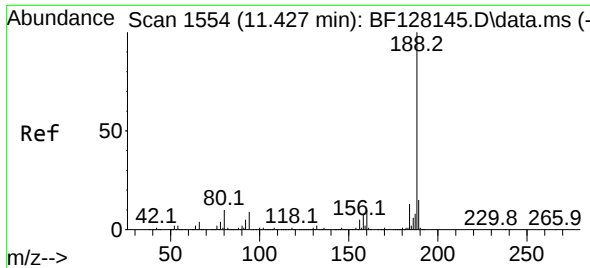
Tgt Ion:165 Resp: 20107
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 6.8 49.0 73.4#



#59
2,3,4,6-Tetrachlorophenol
Concen: 9.971 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Tgt Ion:232 Resp: 25890
Ion Ratio Lower Upper
232 100
131 49.9 35.4 53.2
130 5.7 1.9 2.9#
166 31.8 24.5 36.7

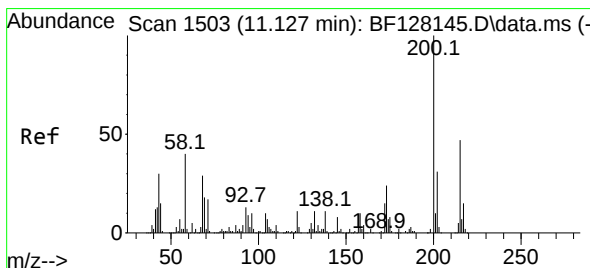
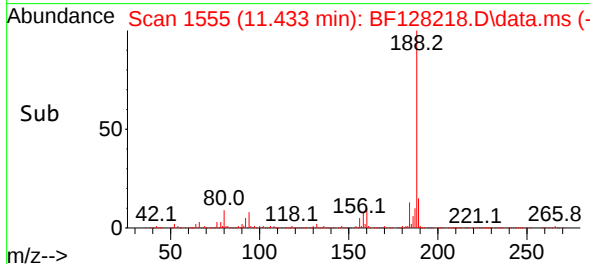
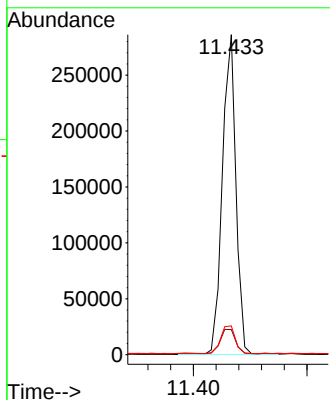
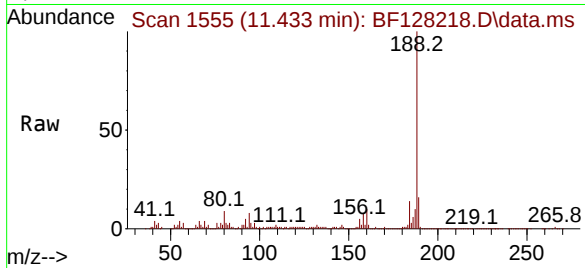




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

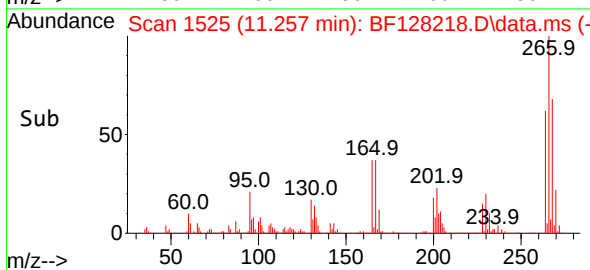
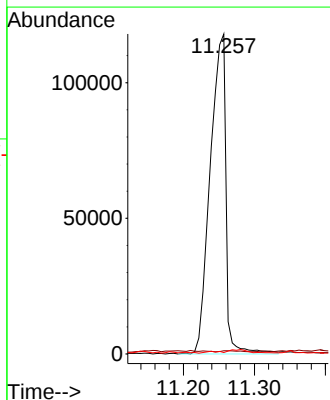
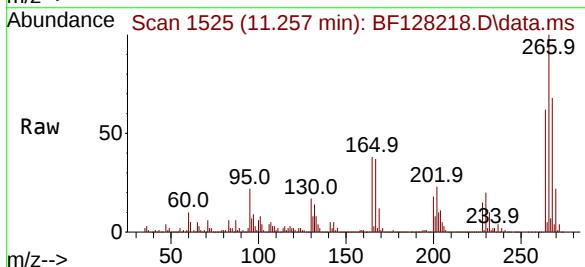
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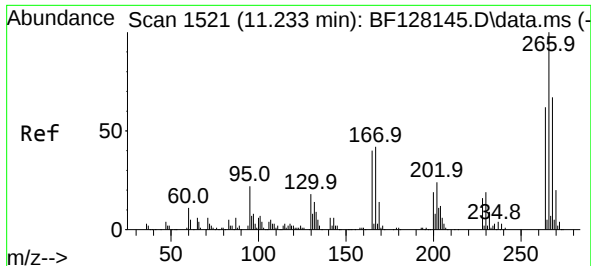
Tgt Ion:188 Resp: 237196
Ion Ratio Lower Upper
188 100
94 7.8 8.0 12.0#
80 9.0 8.9 13.3



#69
Atrazine
Concen: 78.146 ng
RT: 11.257 min Scan# 1525
Delta R.T. 0.129 min
Lab File: BF128218.D
Acq: 12 May 2022 14:42

Tgt Ion:200 Resp: 182229
Ion Ratio Lower Upper
200 100
173 1.0 6.0 46.0#
215 0.4 28.1 68.1#

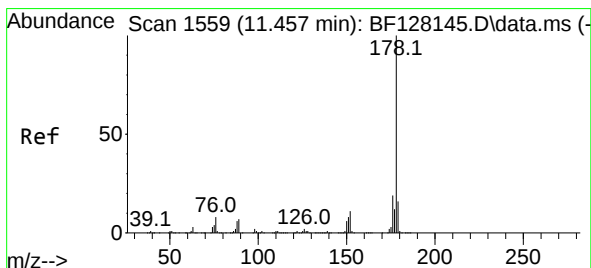
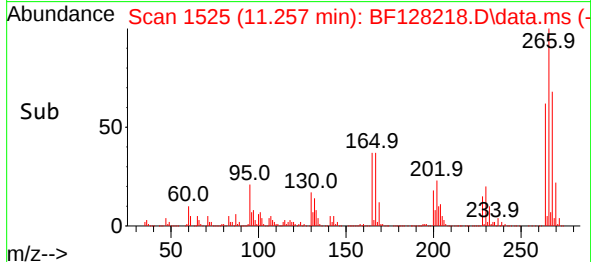
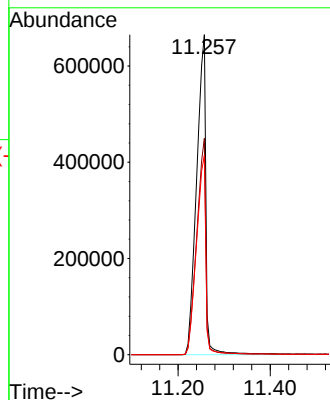
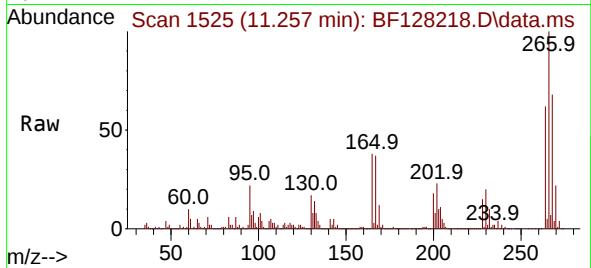




#70
 Pentachlorophenol
 Concen: 685.147 ng
 RT: 11.257 min Scan# 1525
 Delta R.T. 0.024 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

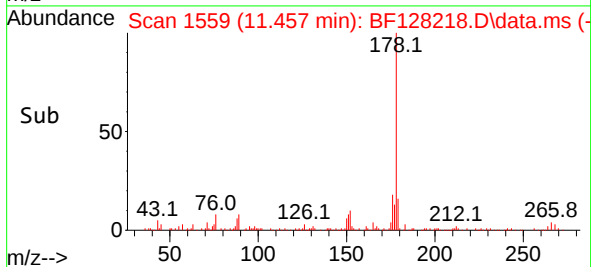
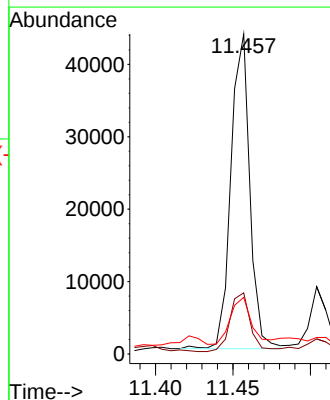
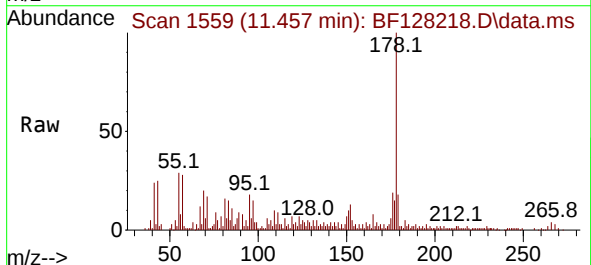
Instrument :
 BNA_F
 ClientSampleId :
 RO-371

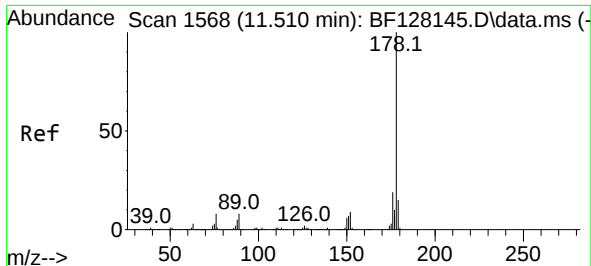
Tgt Ion:266 Resp: 928225
 Ion Ratio Lower Upper
 266 100
 268 67.6 53.0 79.6
 264 62.3 53.1 79.7



#71
 Phenanthrene
 Concen: 3.117 ng
 RT: 11.457 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

Tgt Ion:178 Resp: 36815
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 17.7 12.6 19.0

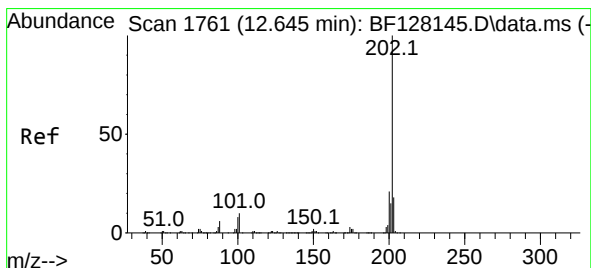
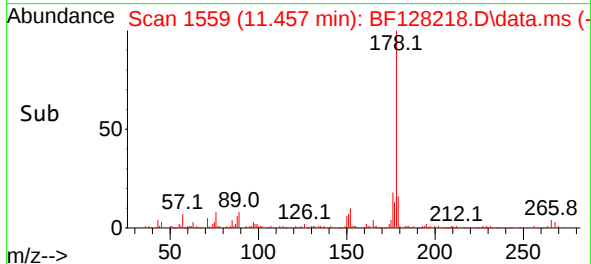
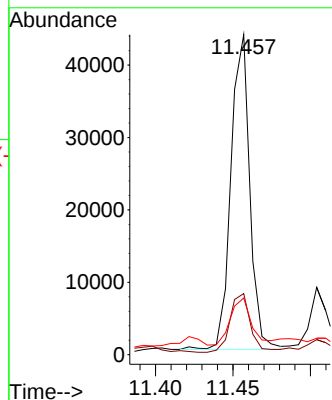
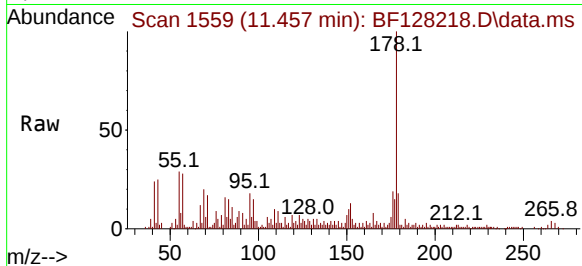




#72
 Anthracene
 Concen: 3.122 ng
 RT: 11.457 min Scan# 1568
 Delta R.T. -0.053 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

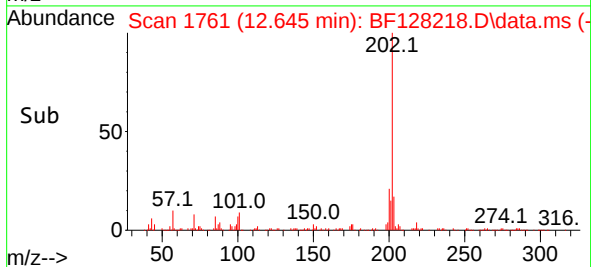
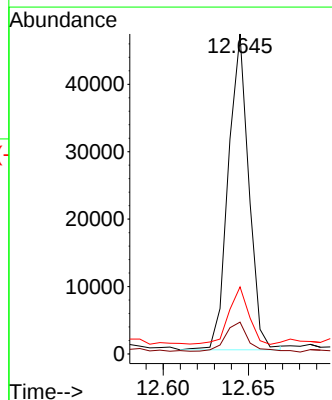
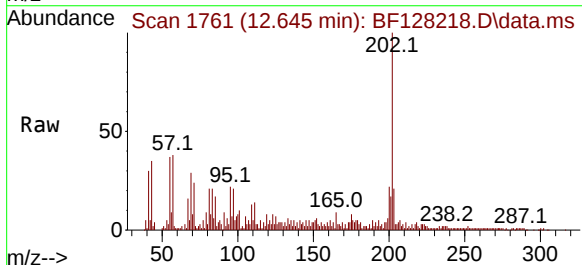
Instrument :
 BNA_F
 ClientSampleId :
 RO-371

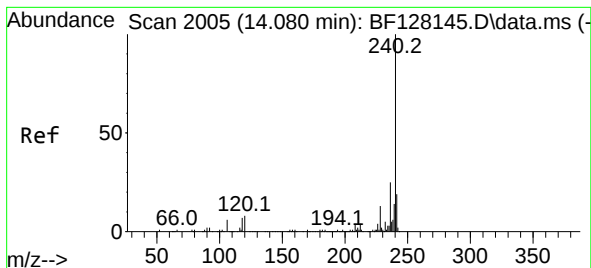
Tgt Ion:178 Resp: 36815
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.6
 179 17.7 12.4 18.6



#75
 Fluoranthene
 Concen: 3.050 ng
 RT: 12.645 min Scan# 1761
 Delta R.T. 0.000 min
 Lab File: BF128218.D
 Acq: 12 May 2022 14:42

Tgt Ion:202 Resp: 39059
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 31.6
 203 21.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

Instrument :

BNA_F

ClientSampleId :

RO-371

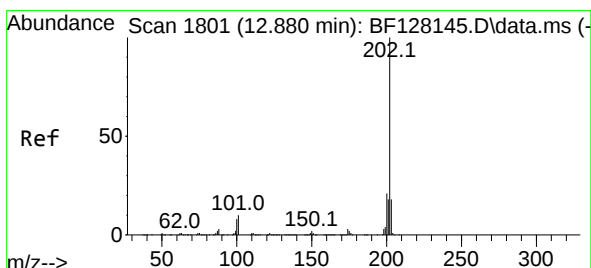
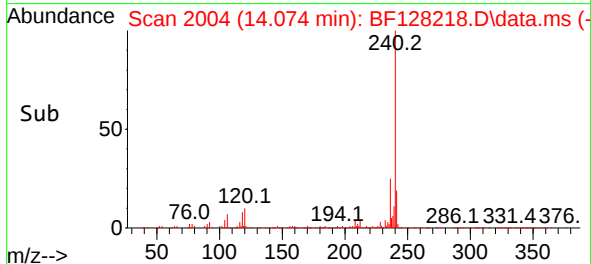
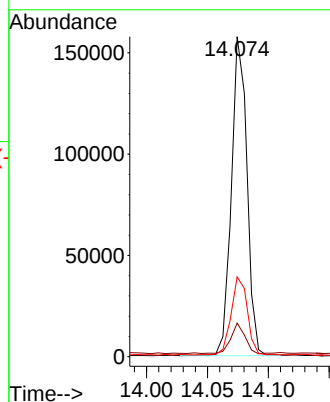
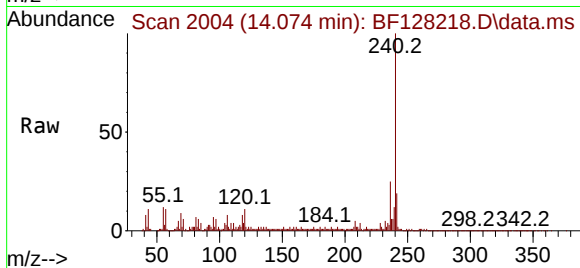
Tgt Ion:240 Resp: 139847

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.0 20.3 30.5



#78

Pyrene

Concen: 3.575 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

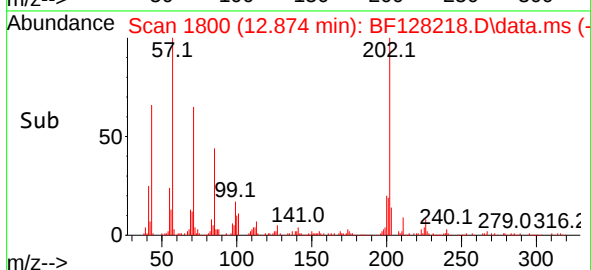
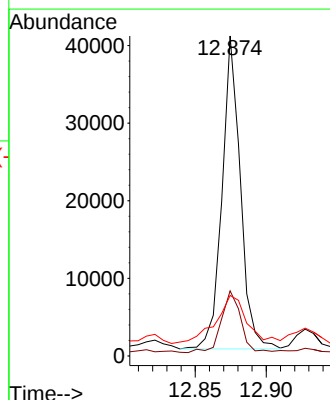
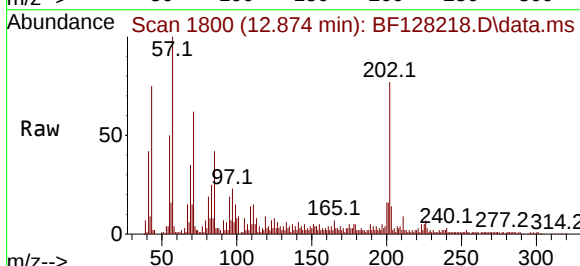
Tgt Ion:202 Resp: 36249

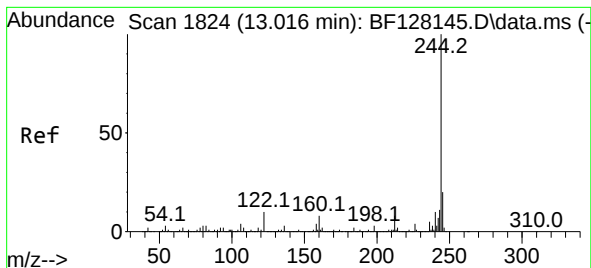
Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

203 18.9 14.0 21.0





#79

Terphenyl-d14

Concen: 66.649 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

Instrument :

BNA_F

ClientSampleId :

RO-371

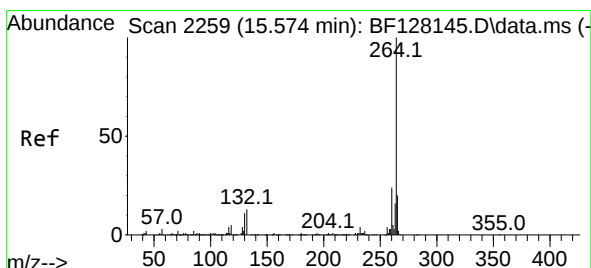
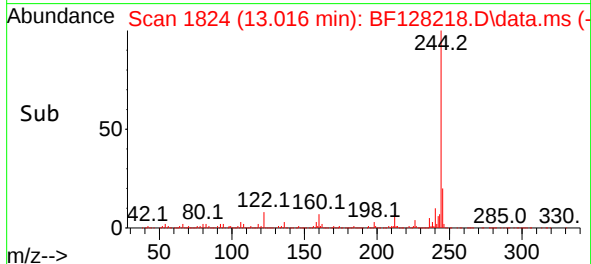
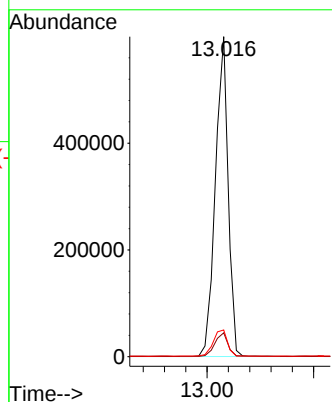
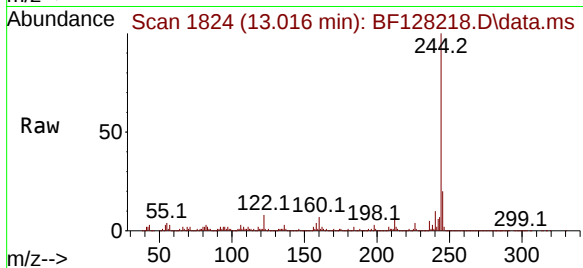
Tgt Ion:244 Resp: 496727

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 8.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

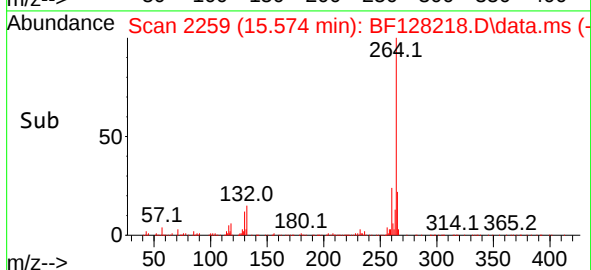
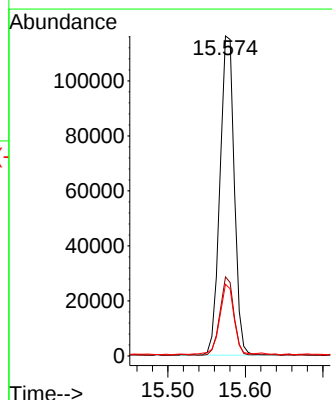
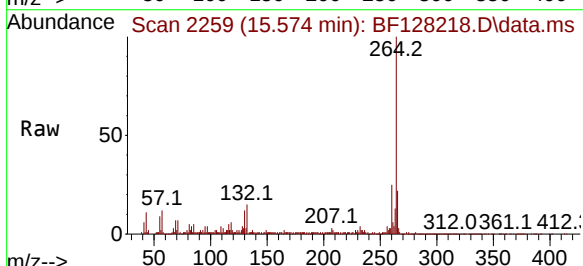
Tgt Ion:264 Resp: 149252

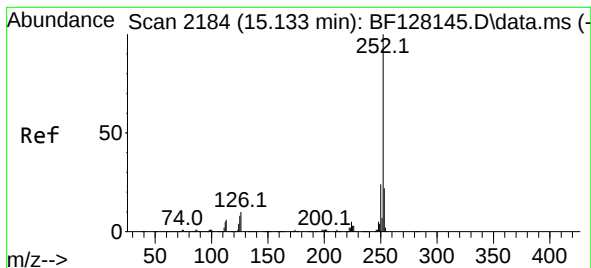
Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.4 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.523 ng

RT: 15.133 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

Instrument :

BNA_F

ClientSampleId :

RO-371

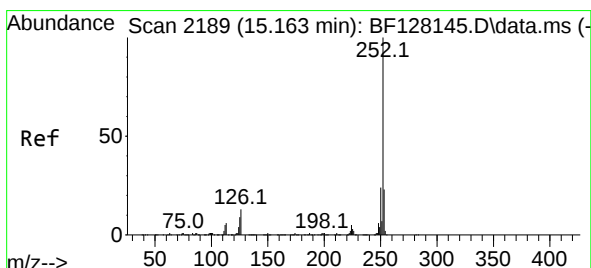
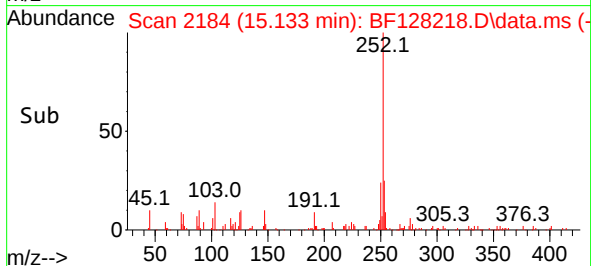
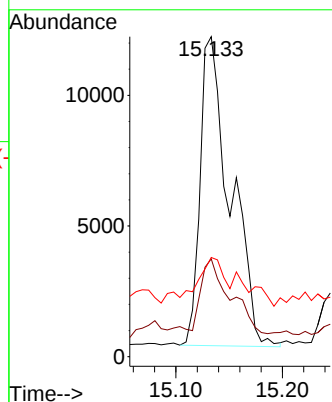
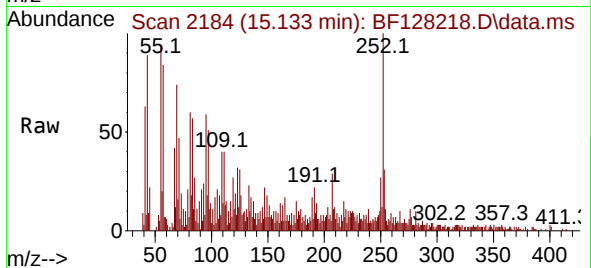
Tgt Ion:252 Resp: 23342

Ion Ratio Lower Upper

252 100

253 30.5 17.4 26.2#

125 31.0 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.556 ng

RT: 15.133 min Scan# 2184

Delta R.T. -0.029 min

Lab File: BF128218.D

Acq: 12 May 2022 14:42

Tgt Ion:252 Resp: 23342

Ion Ratio Lower Upper

252 100

253 30.5 17.0 25.4#

125 31.0 6.8 10.2#

