

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128009.D
 Acq On : 29 Apr 2022 22:01
 Operator : CG\JU
 Sample : N2604-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-042822

Quant Time: May 02 00:59:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

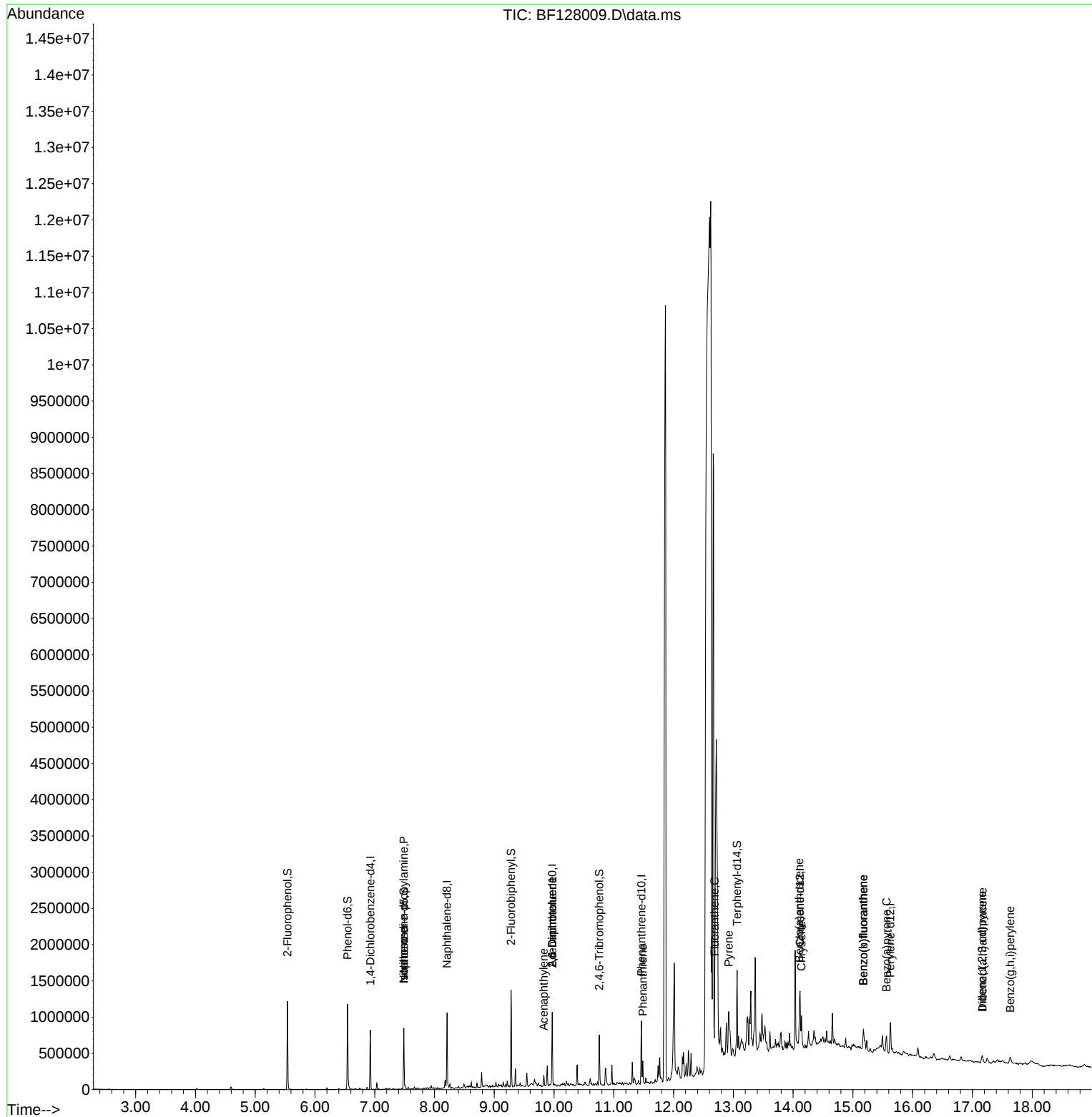
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	111802	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	387869	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	190318	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	322630	20.000	ng	0.00
76) Chrysene-d12	14.116	240	212732	20.000	ng	0.00
86) Perylene-d12	15.627	264	163034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	282063	40.184	ng	-0.01
7) Phenol-d6	6.545	99	353798	38.845	ng	-0.02
23) Nitrobenzene-d5	7.487	82	232902	28.236	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	74256	38.758	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	375263	33.357	ng	-0.01
79) Terphenyl-d14	13.063	244	348495	29.955	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	33743	6.052	ng	# 81
25) Isophorone	7.487	82	231015	16.641	ng	# 68
49) Acenaphthylene	9.828	152	55600	3.387	ng	97
51) 2,6-Dinitrotoluene	9.969	165	25888	9.368	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	25888	7.072	ng	# 26
71) Phenanthrene	11.486	178	110814	6.562	ng	98
75) Fluoranthene	12.686	202	273450	15.385	ng	98
78) Pyrene	12.922	202	305872	17.811	ng	97
81) Benzo(a)anthracene	14.104	228	152790	10.776	ng	92
83) Chrysene	14.139	228	151553	11.192	ng	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	76229	7.005	ng	# 94
88) Benzo(b)fluoranthene	15.174	252	221920	21.672	ng	# 95
89) Benzo(k)fluoranthene	15.174	252	221920	21.511	ng	# 93
90) Benzo(a)pyrene	15.563	252	117857	13.875	ng	98
91) Dibenzo(a,h)anthracene	17.168	278	18656	2.138	ng	# 78
92) Benzo(g,h,i)perylene	17.633	276	77066	8.379	ng	93

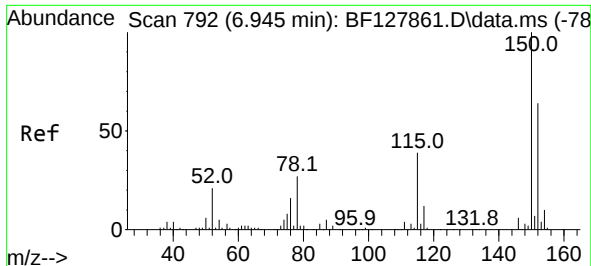
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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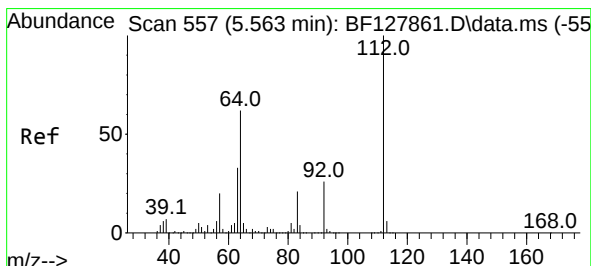
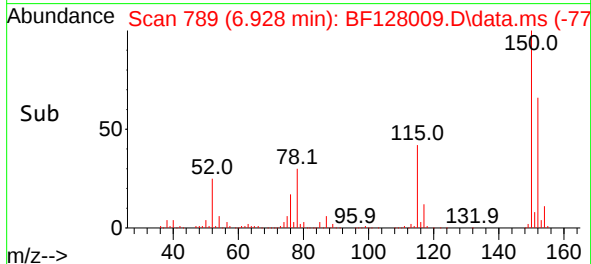
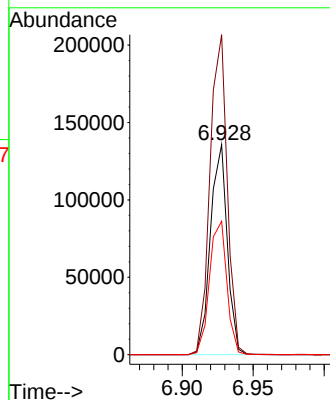
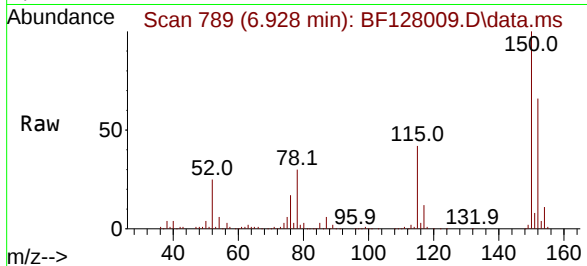




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128009.D
 Acq: 29 Apr 2022 22:01

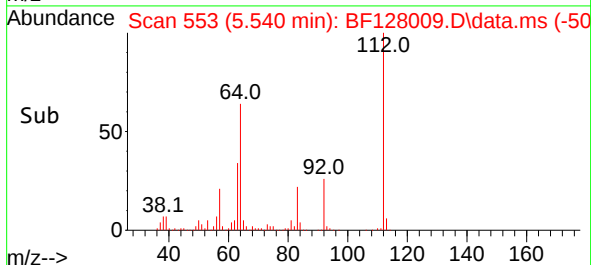
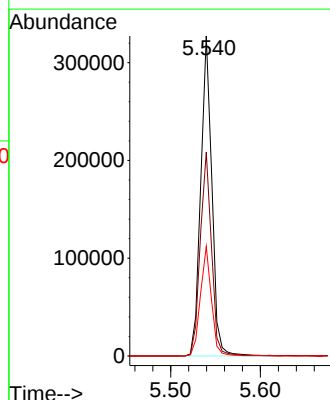
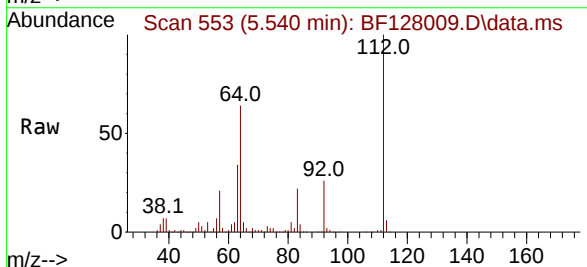
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-042822

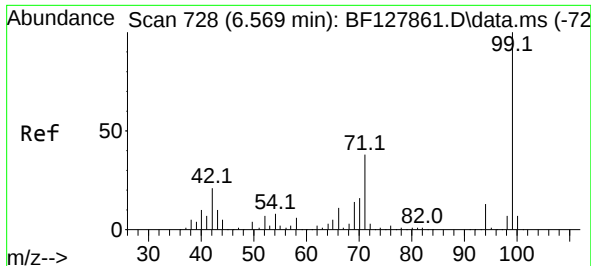
Tgt Ion:152 Resp: 111802
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.3 187.9
 115 63.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 40.184 ng
 RT: 5.540 min Scan# 553
 Delta R.T. -0.012 min
 Lab File: BF128009.D
 Acq: 29 Apr 2022 22:01

Tgt Ion:112 Resp: 282063
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.5 74.3
 63 34.2 26.3 39.5

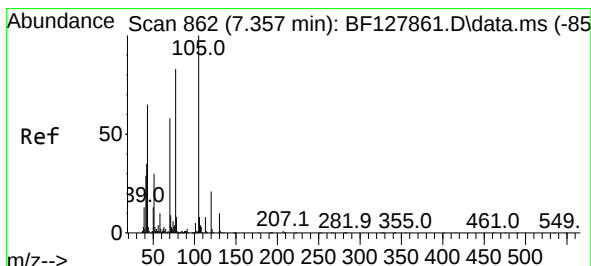
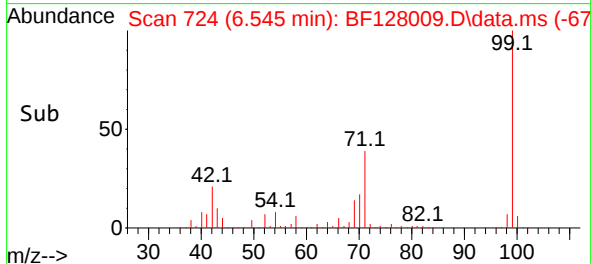
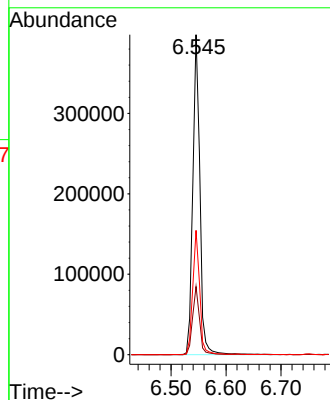
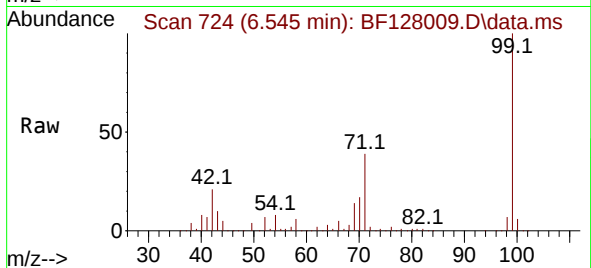




#7
Phenol-d6
Concen: 38.845 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

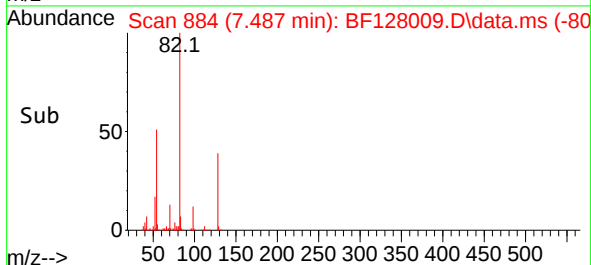
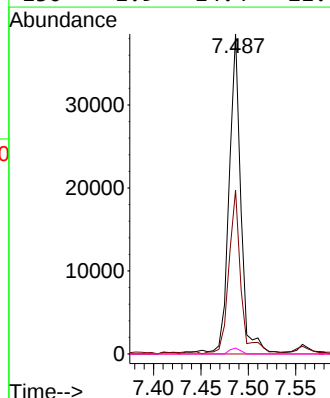
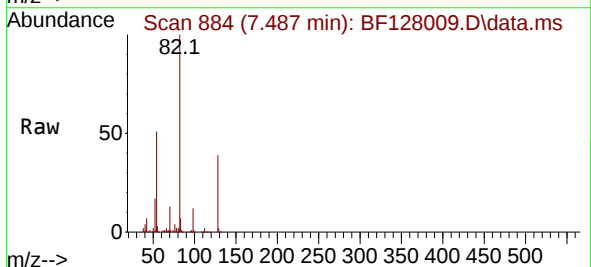
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

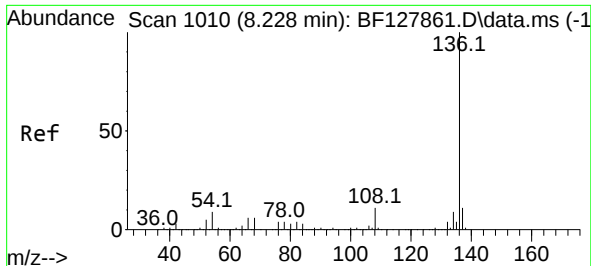
Tgt Ion: 99 Resp: 353798
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 38.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.052 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion: 70 Resp: 33743
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

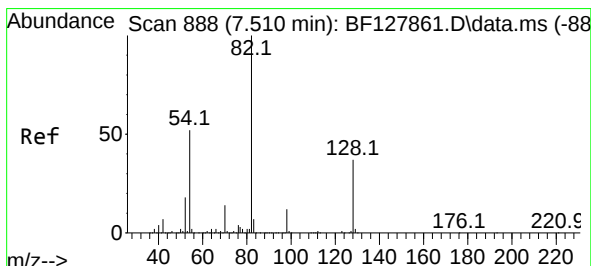
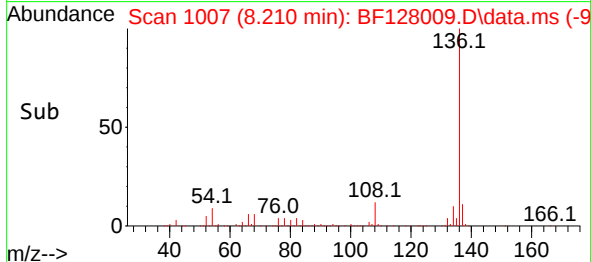
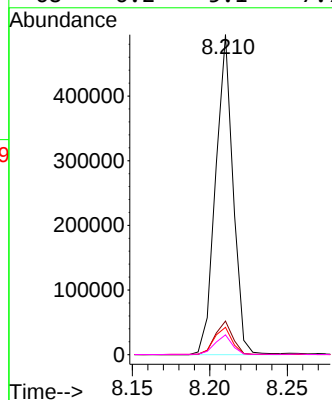
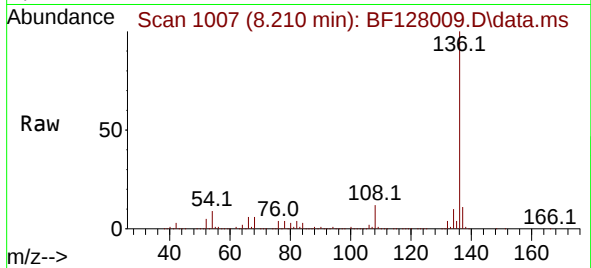




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

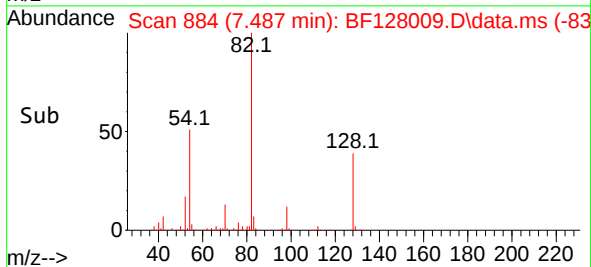
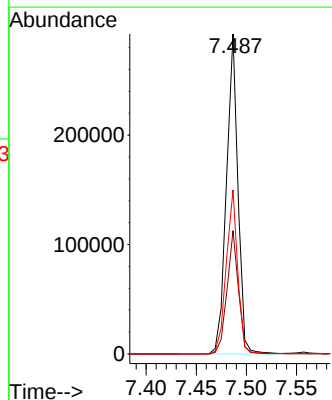
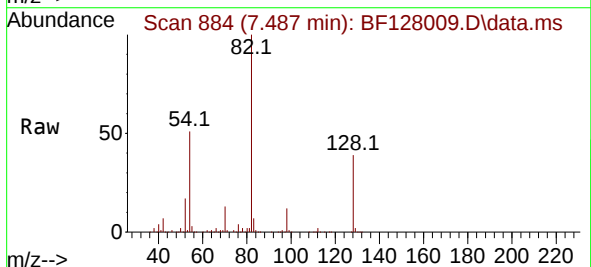
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

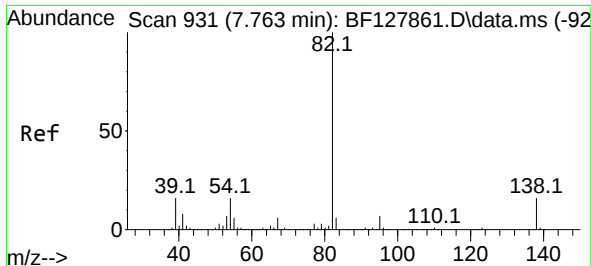
Tgt Ion:	136	Resp:	387869
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.6	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 28.236 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:	82	Resp:	232902
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.0	45.0
54	51.2	41.3	61.9

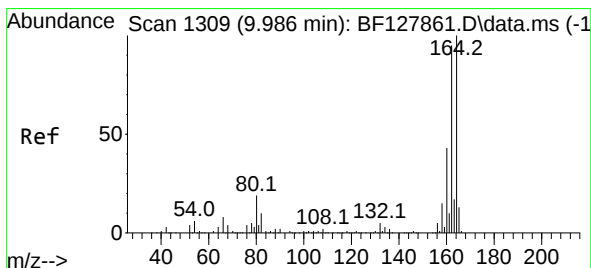
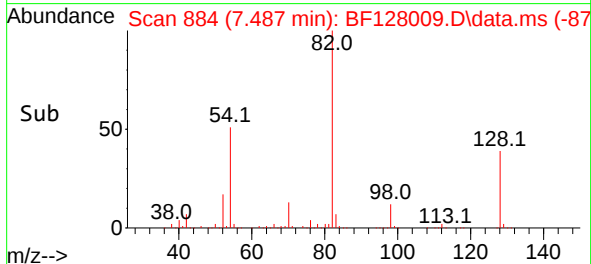
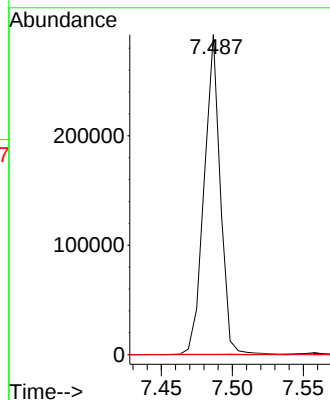
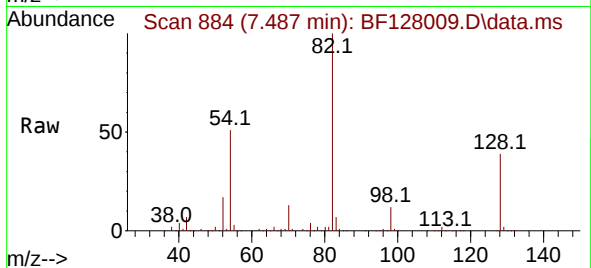




#25
Isophorone
Concen: 16.641 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

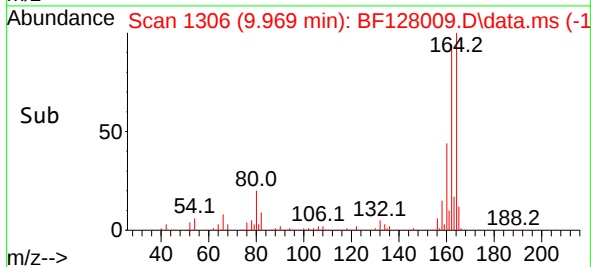
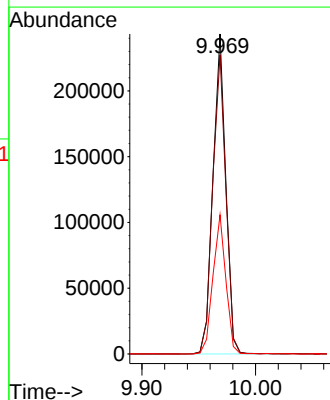
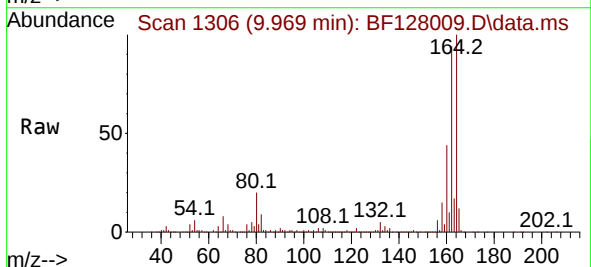
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

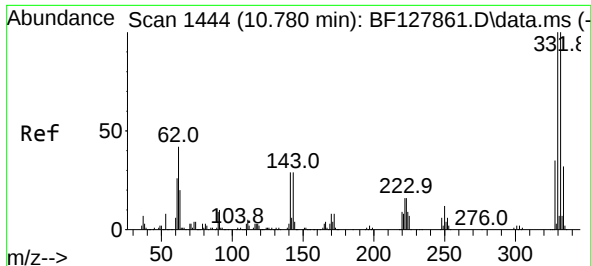
Tgt Ion: 82 Resp: 231015
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:164 Resp: 190318
Ion Ratio Lower Upper
164 100
162 93.5 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 38.758 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128009.D

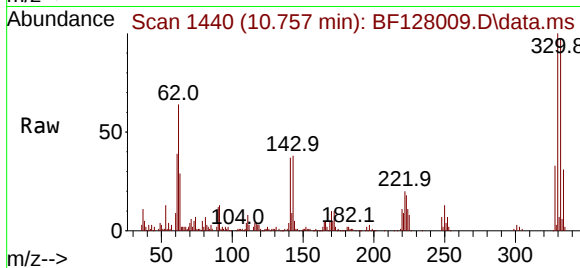
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Instrument :

BNA_F

ClientSampleId :

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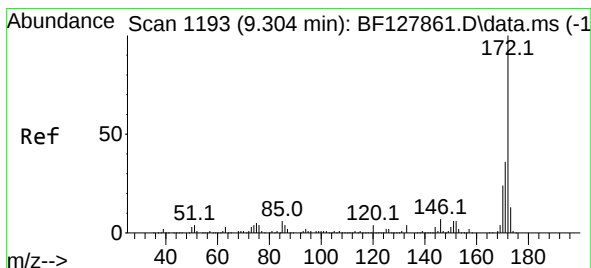
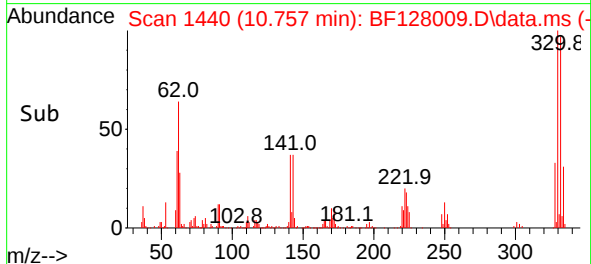
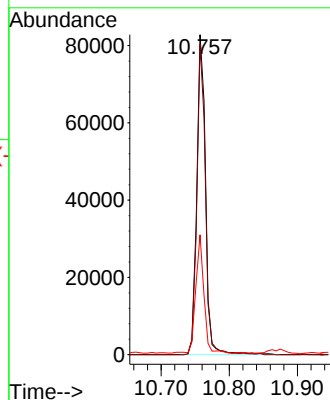
Tgt Ion:330 Resp: 74256

Ion Ratio Lower Upper

330 100

332 94.3 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 33.357 ng

RT: 9.281 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BF128009.D

Acq: 29 Apr 2022 22:01

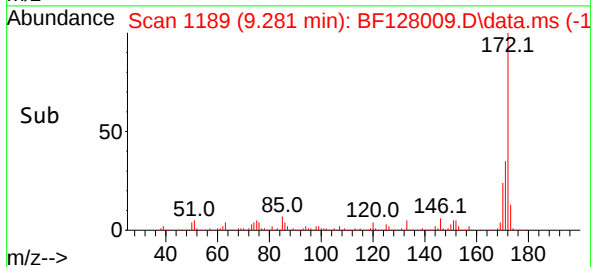
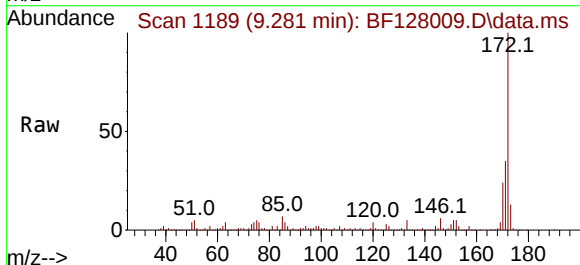
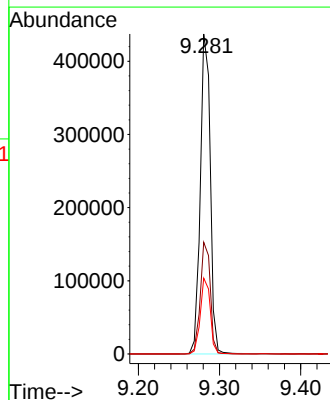
Tgt Ion:172 Resp: 375263

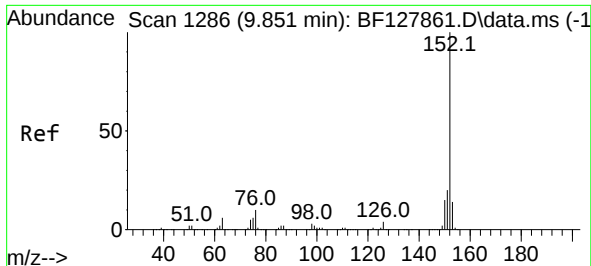
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.7 19.1 28.7

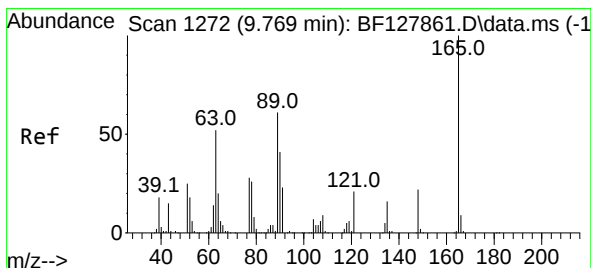
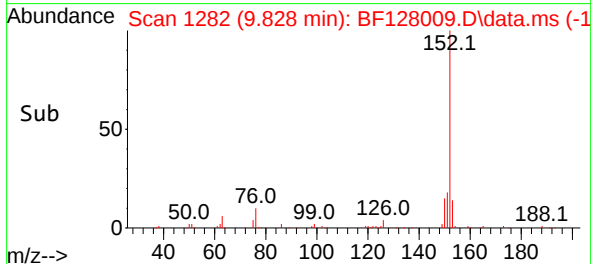
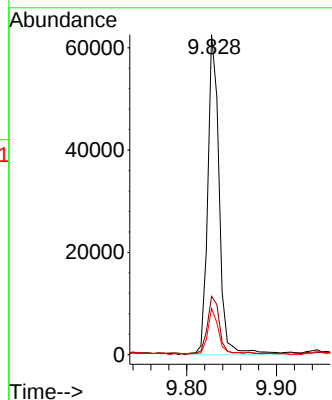
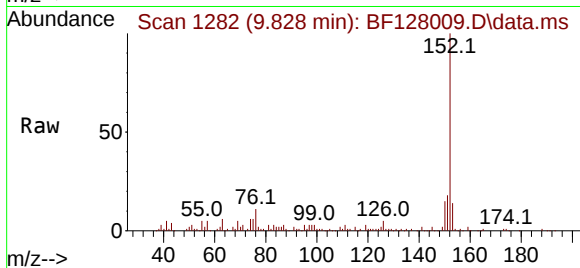




#49
Acenaphthylene
Concen: 3.387 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

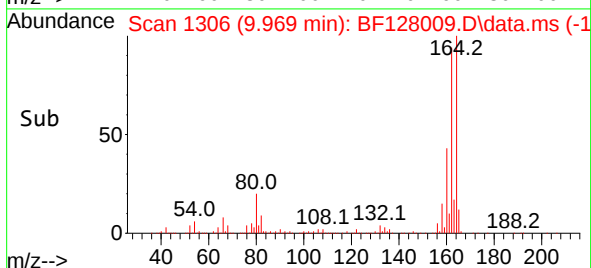
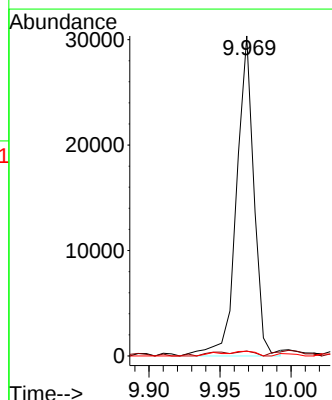
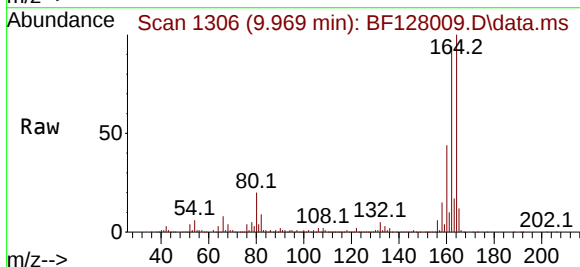
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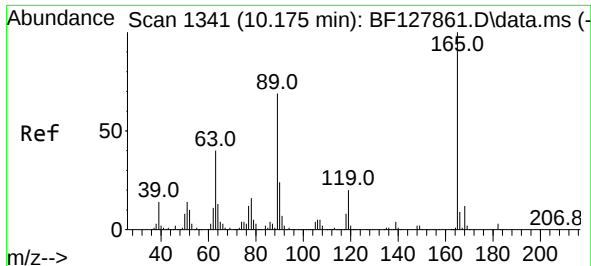
Tgt Ion:152 Resp: 55600
Ion Ratio Lower Upper
152 100
151 18.3 16.2 24.2
153 14.5 11.2 16.8



#51
2,6-Dinitrotoluene
Concen: 9.368 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:165 Resp: 25888
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.5 49.0 73.4#

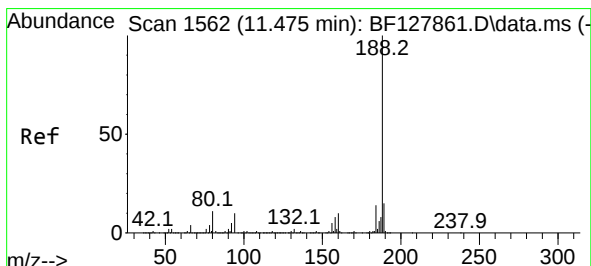
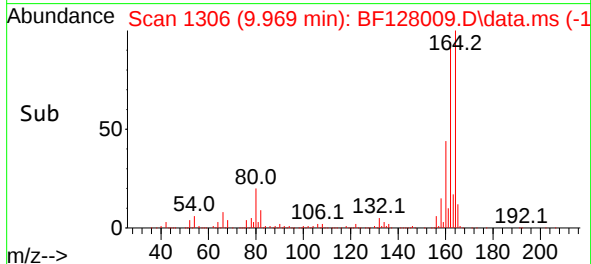
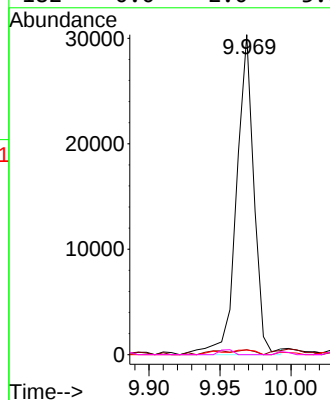
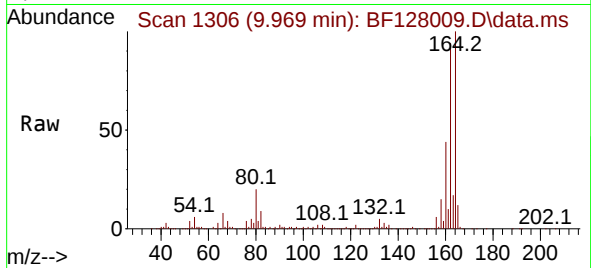




#57
2,4-Dinitrotoluene
Concen: 7.072 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

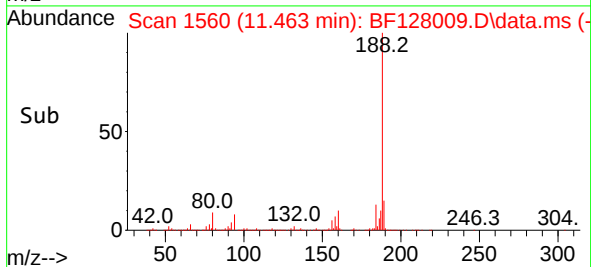
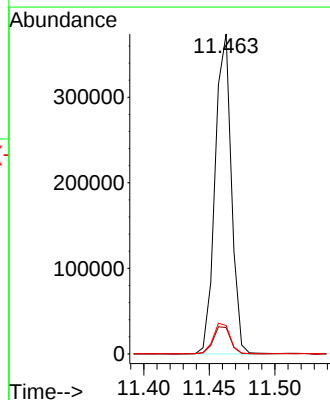
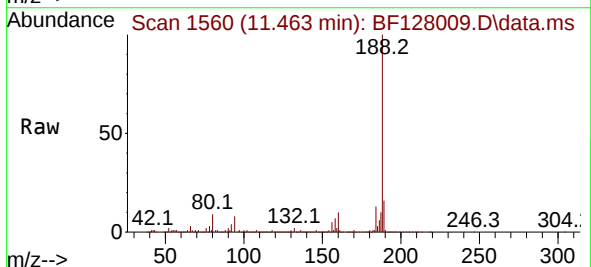
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

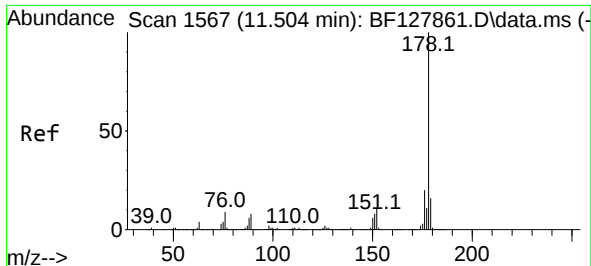
Tgt Ion:165 Resp: 25888
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:188 Resp: 322630
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 8.9 8.9 13.3

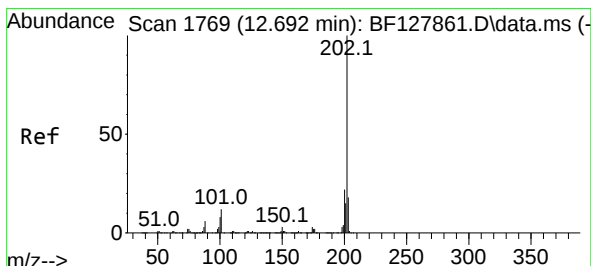
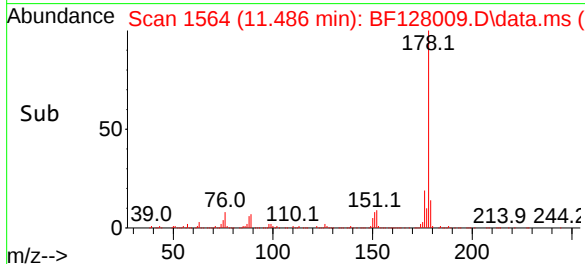
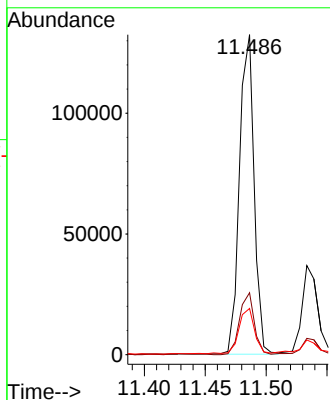
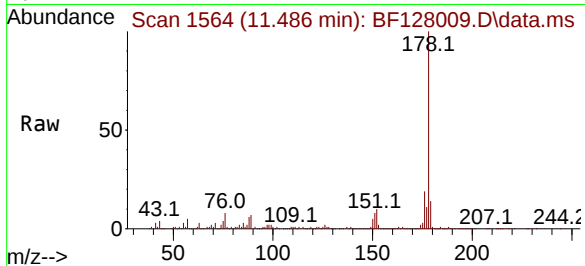




#71
Phenanthrene
Concen: 6.562 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

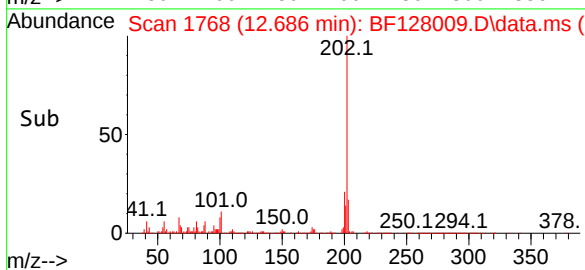
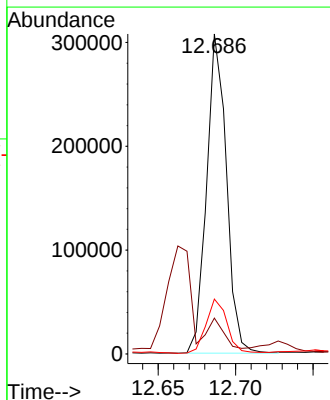
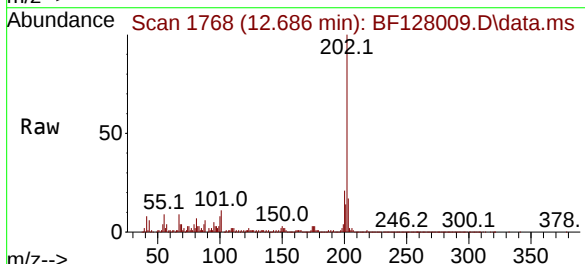
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

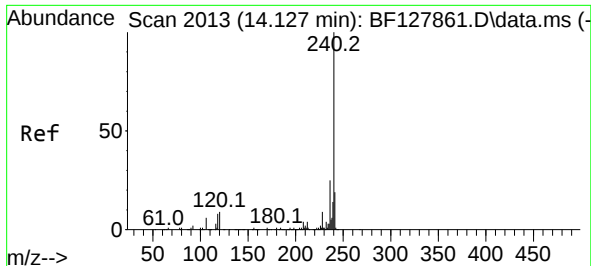
Tgt Ion:178 Resp: 110814
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 14.5 12.6 19.0



#75
Fluoranthene
Concen: 15.385 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:202 Resp: 273450
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.6
203 17.2 0.0 38.1

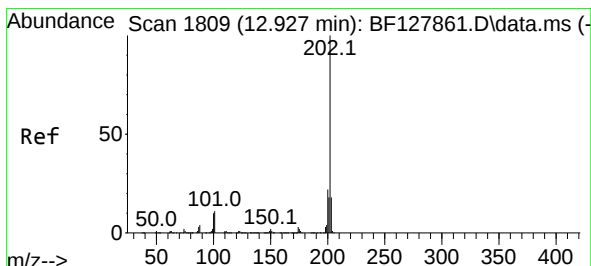
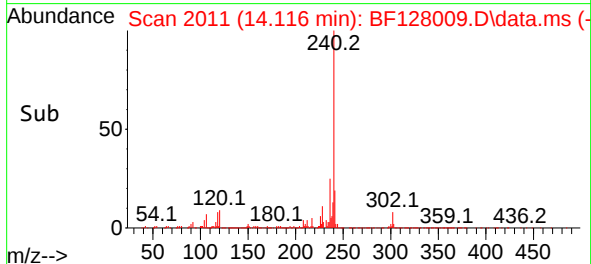
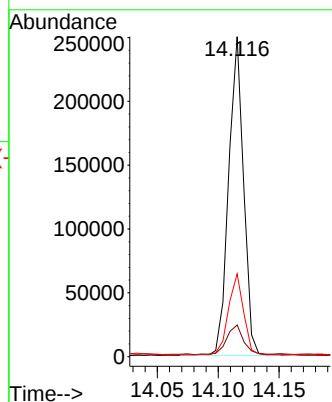
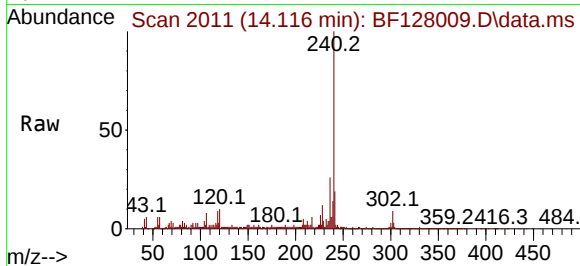




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

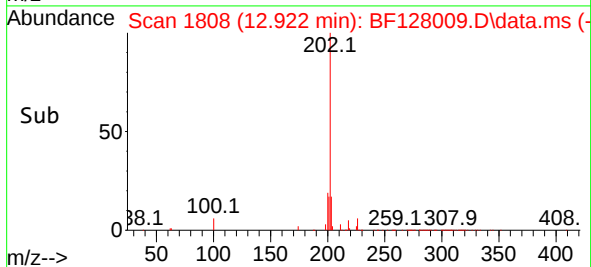
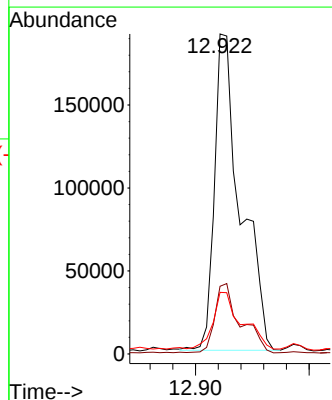
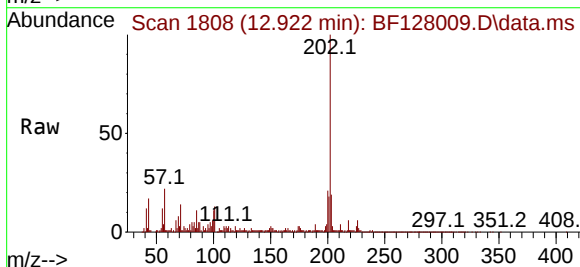
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

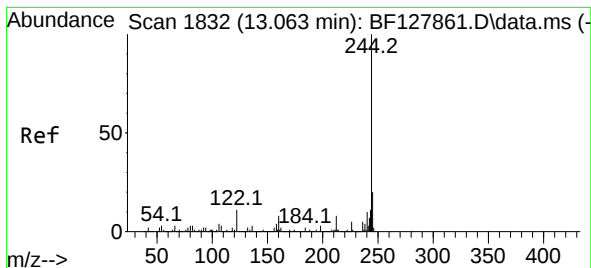
Tgt Ion:240 Resp: 212732
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.9 20.3 30.5



#78
Pyrene
Concen: 17.811 ng
RT: 12.922 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:202 Resp: 305872
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 19.3 14.0 21.0





#79

Terphenyl-d14

Concen: 29.955 ng

RT: 13.063 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128009.D

Acq: 29 Apr 2022 22:01

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

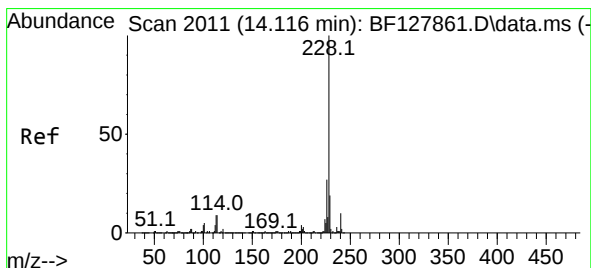
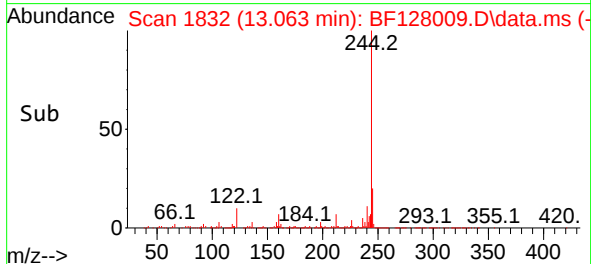
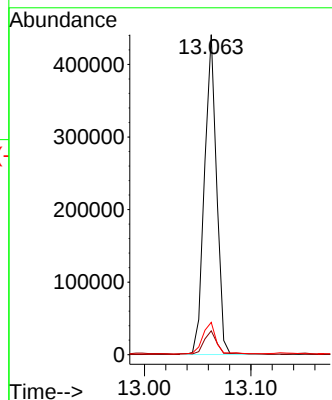
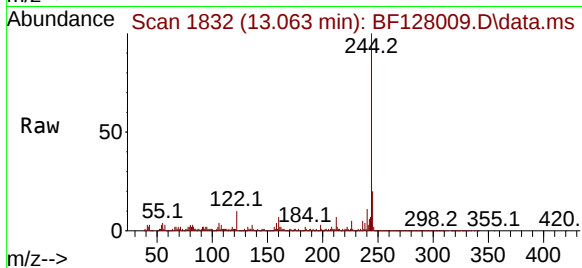
Tgt Ion:244 Resp: 348495

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 10.1 8.6 12.8



#81

Benzo(a)anthracene

Concen: 10.776 ng

RT: 14.104 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF128009.D

Acq: 29 Apr 2022 22:01

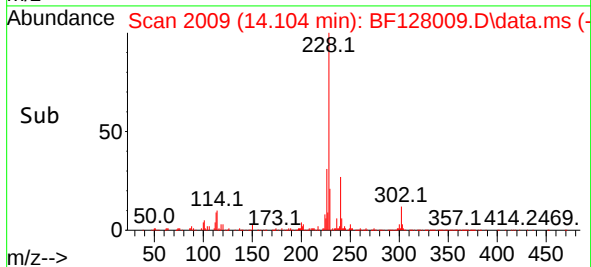
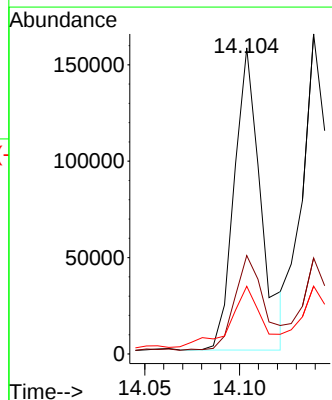
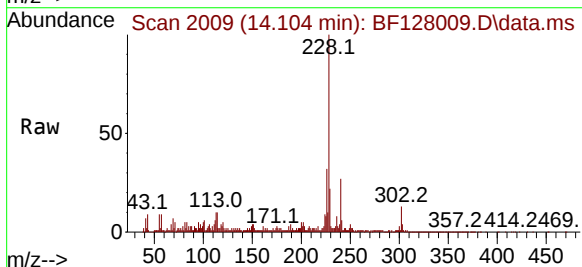
Tgt Ion:228 Resp: 152790

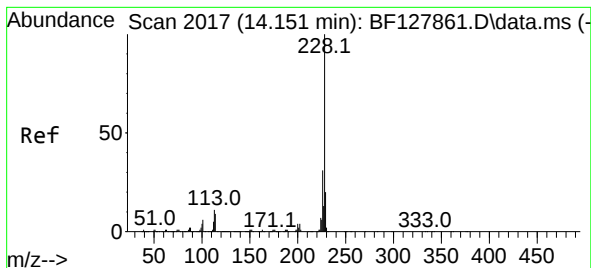
Ion Ratio Lower Upper

228 100

226 32.2 21.7 32.5

229 22.1 15.4 23.2





#83

Chrysene

Concen: 11.192 ng

RT: 14.139 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF128009.D

Acq: 29 Apr 2022 22:01

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

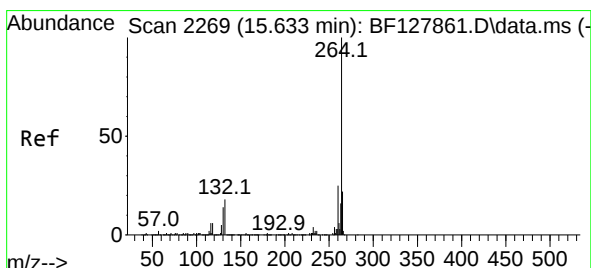
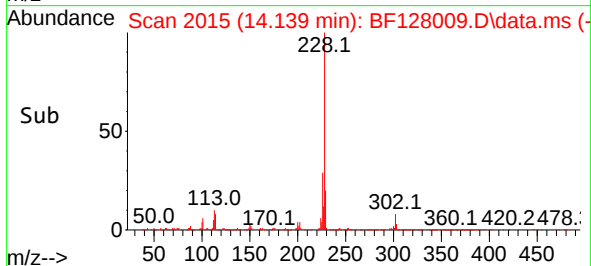
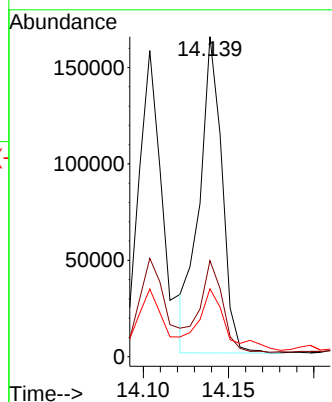
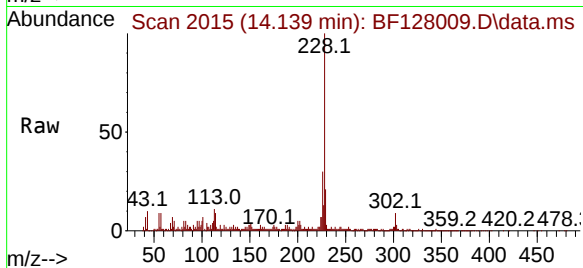
Tgt Ion:228 Resp: 151553

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 21.2 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. 0.006 min

Lab File: BF128009.D

Acq: 29 Apr 2022 22:01

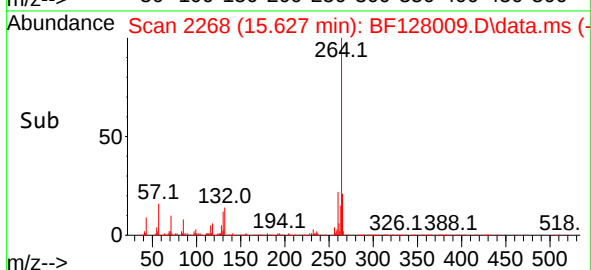
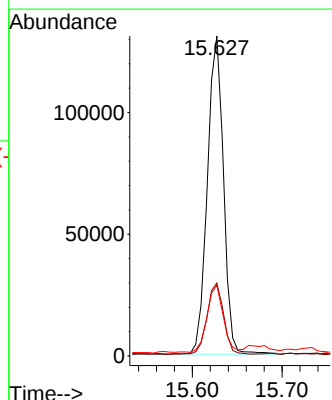
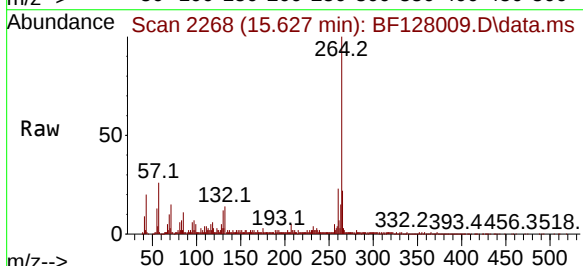
Tgt Ion:264 Resp: 163034

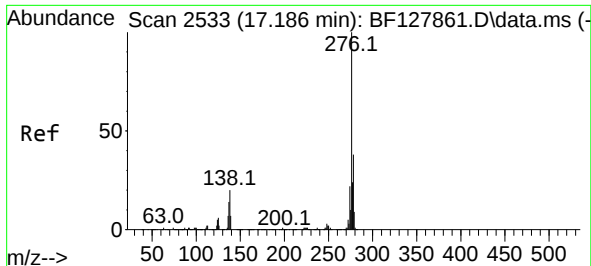
Ion Ratio Lower Upper

264 100

260 22.8 20.1 30.1

265 22.1 17.5 26.3

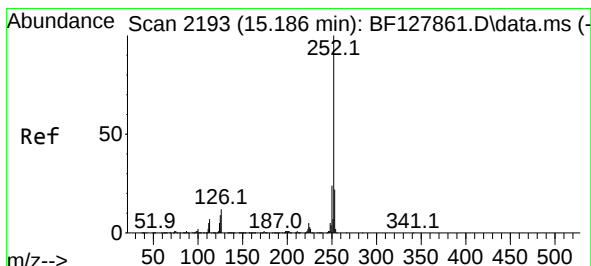
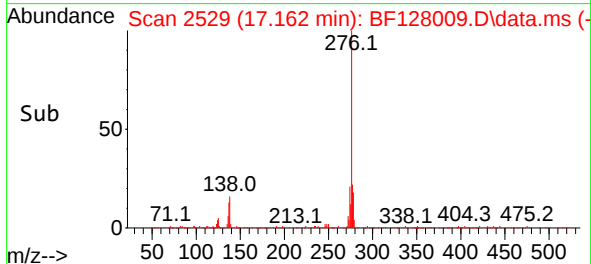
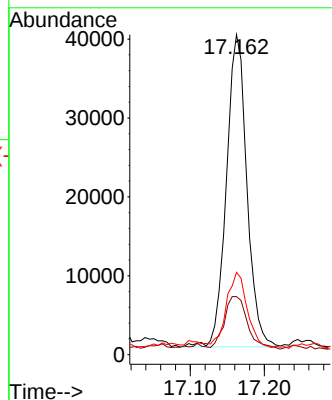
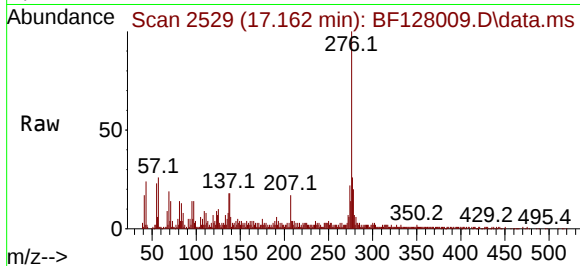




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.005 ng
RT: 17.162 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

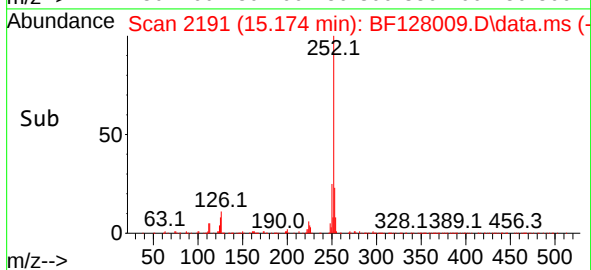
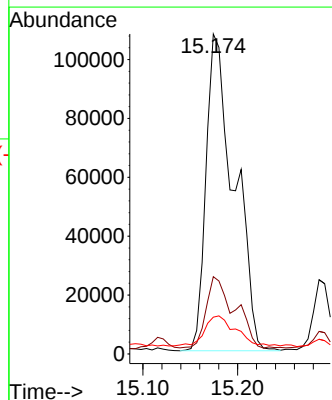
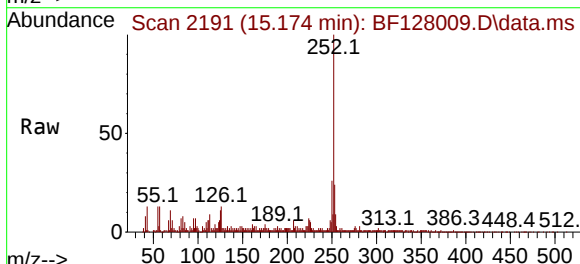
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

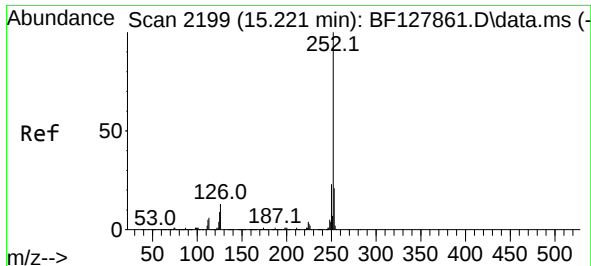
Tgt Ion:276 Resp: 76229
Ion Ratio Lower Upper
276 100
138 18.9 19.0 28.4#
277 24.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 21.672 ng
RT: 15.174 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:252 Resp: 221920
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 11.5 7.4 11.2#

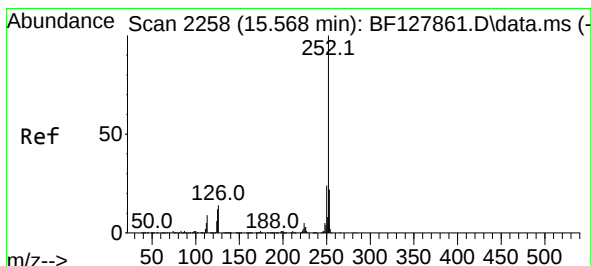
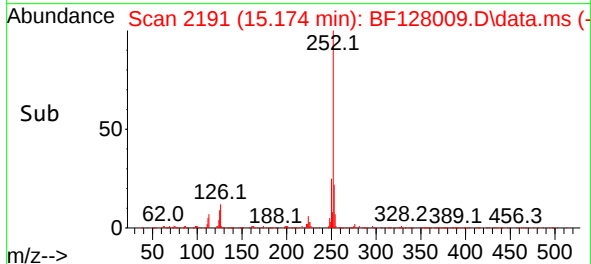
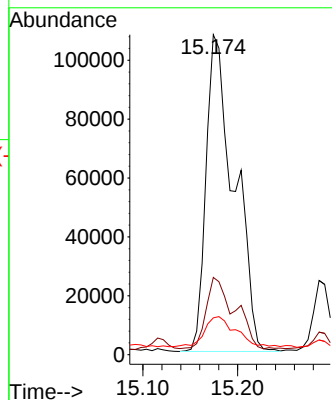
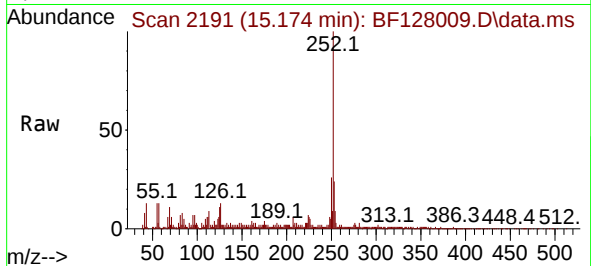




#89
Benzo(k)fluoranthene
Concen: 21.511 ng
RT: 15.174 min Scan# 2199
Delta R.T. -0.035 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

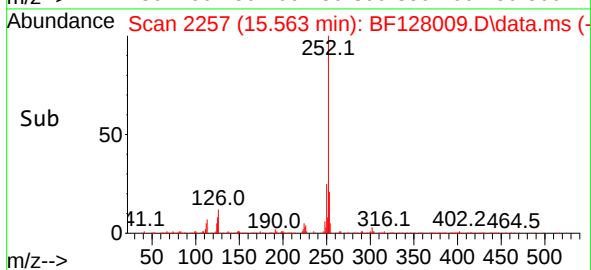
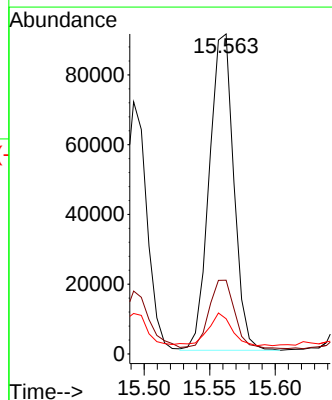
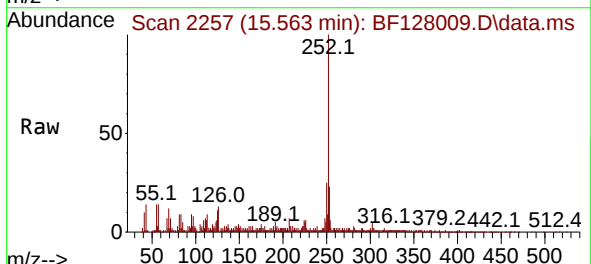
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

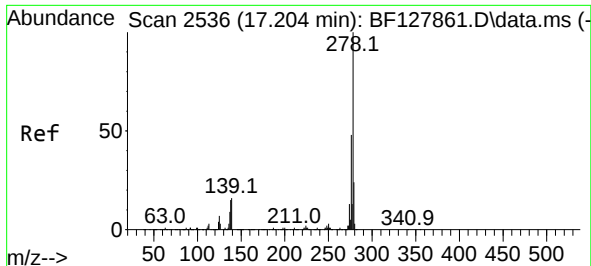
Tgt Ion:252 Resp: 221920
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 11.5 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 13.875 ng
RT: 15.563 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:252 Resp: 117857
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.0 9.2 13.8

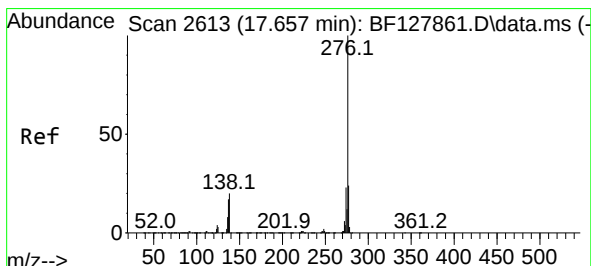
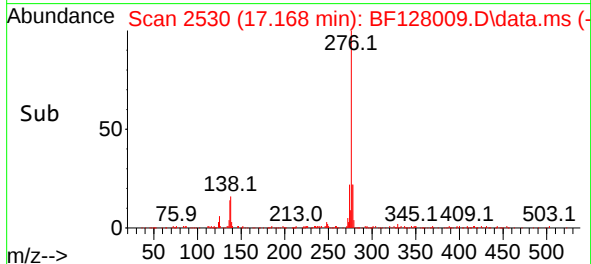
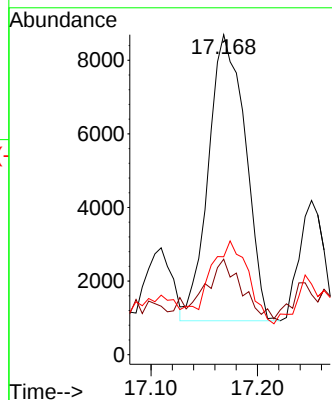
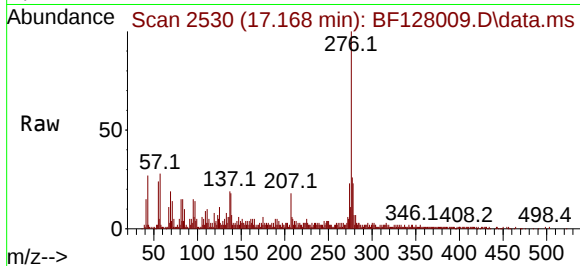




#91
Dibenzo(a,h)anthracene
Concen: 2.138 ng
RT: 17.168 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Instrument :
BNA_F
ClientSampleId :
NB-07-042822

Tgt Ion:278 Resp: 18656
Ion Ratio Lower Upper
278 100
139 29.9 12.6 19.0#
279 30.6 18.9 28.3#



#92
Benzo(g,h,i)perylene
Concen: 8.379 ng
RT: 17.633 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF128009.D
Acq: 29 Apr 2022 22:01

Tgt Ion:276 Resp: 77066
Ion Ratio Lower Upper
276 100
277 26.1 18.8 28.2
138 24.0 16.2 24.2

