

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127143.D
 Acq On : 02 Mar 2022 13:16
 Operator : CG\JU
 Sample : N1721-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-3

Quant Time: Mar 03 00:56:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

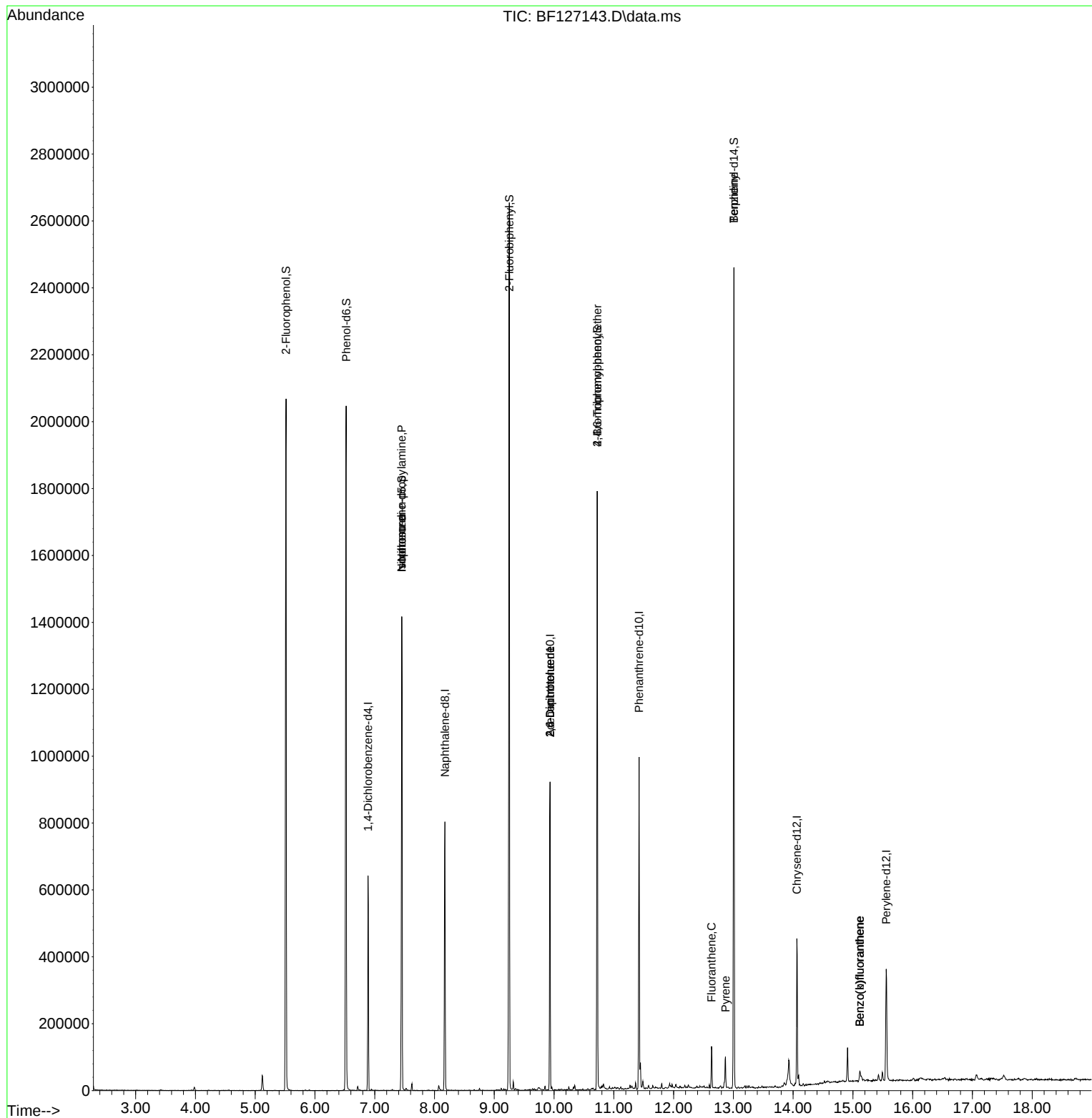
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	85519	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	340946	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	176620	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	303410	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	134344	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	145442	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	516391	93.327	ng	0.00
7) Phenol-d6	6.522	99	678772	90.913	ng	0.00
23) Nitrobenzene-d5	7.451	82	474014	62.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	194141	95.469	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	780838	65.084	ng	0.00
79) Terphenyl-d14	13.010	244	754841	82.597	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	64626	13.433	ng	# 78
25) Isophorone	7.451	82	472426	37.797	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	22057	8.587	ng	# 20
57) 2,4-Dinitrotoluene	9.934	165	22057	6.351	ng	# 14
67) 4-Bromophenyl-phenylether	10.722	248	11500	3.392	ng	# 1
75) Fluoranthene	12.633	202	44999	2.791	ng	97
77) Benzidine	13.010	184	12021	3.293	ng	# 94
78) Pyrene	12.869	202	35938	3.079	ng	95
88) Benzo(b)fluoranthene	15.116	252	21918	2.244	ng	# 94
89) Benzo(k)fluoranthene	15.116	252	21918	2.326	ng	# 94

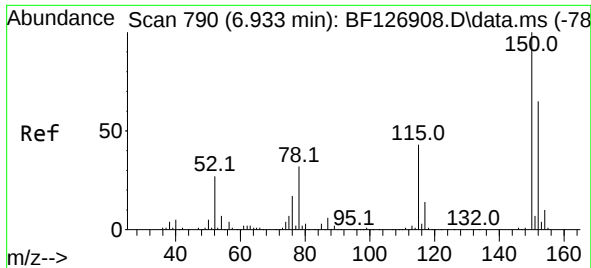
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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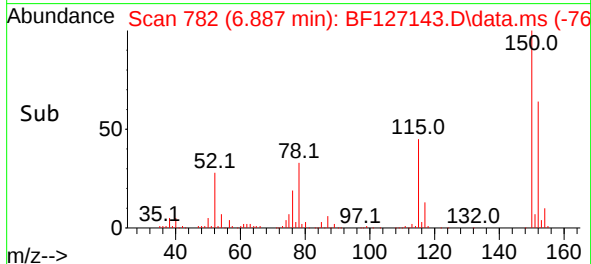
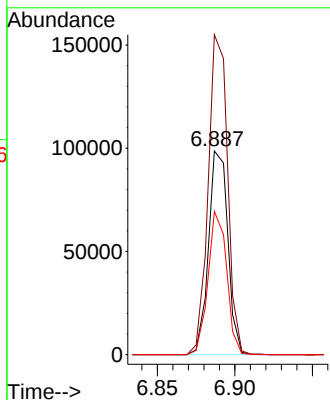
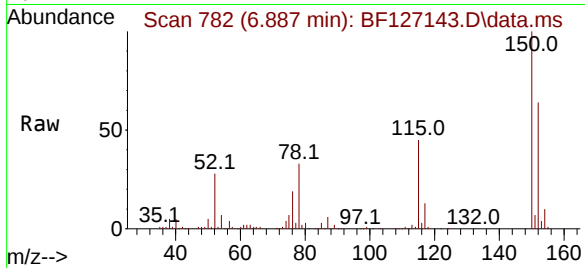




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127143.D
 Acq: 02 Mar 2022 13:16

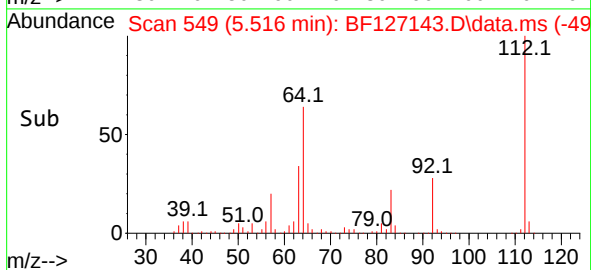
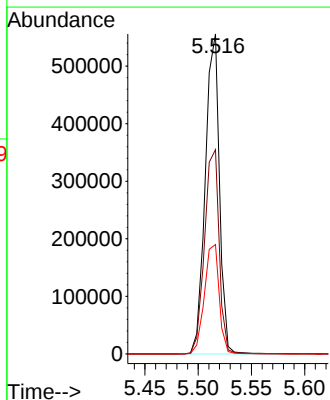
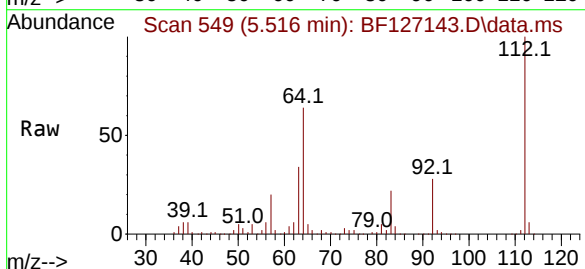
Instrument :
 BNA_F
 ClientSampleId :
 DUM-3

Tgt Ion:152 Resp: 85519
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 70.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 93.327 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127143.D
 Acq: 02 Mar 2022 13:16

Tgt Ion:112 Resp: 516391
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.5 74.3
 63 34.2 23.9 35.9

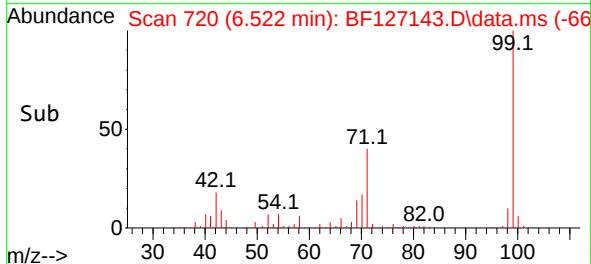
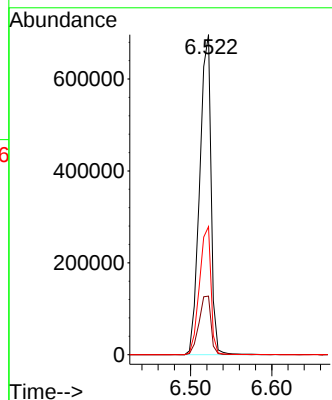
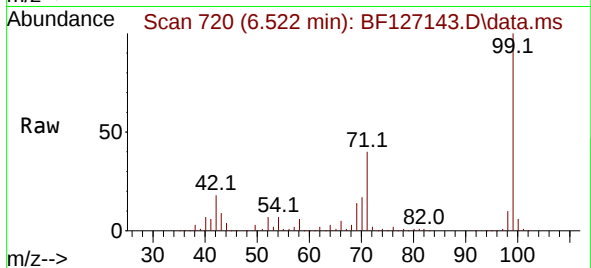




#7
Phenol-d6
Concen: 90.913 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

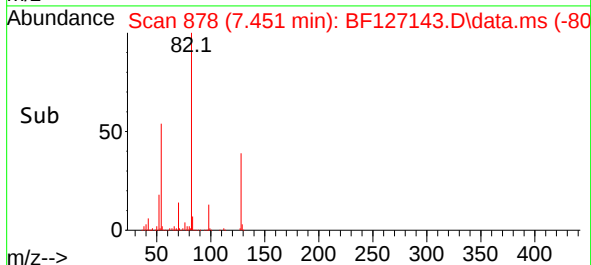
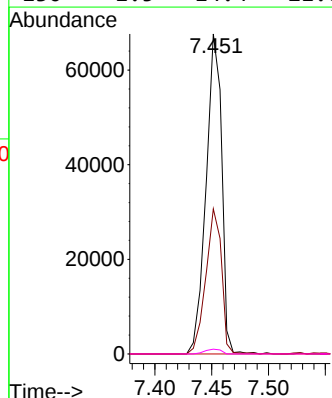
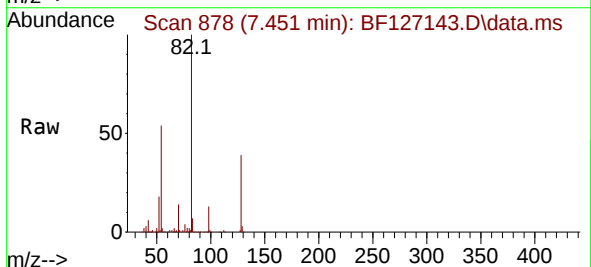
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion: 99 Resp: 678772
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 40.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.433 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion: 70 Resp: 64626
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

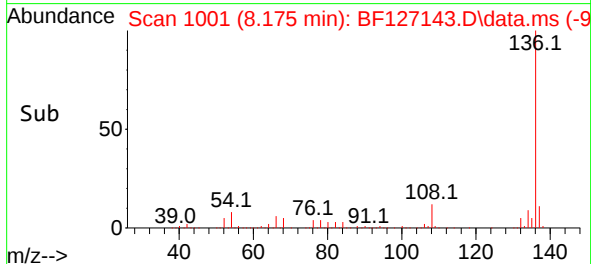
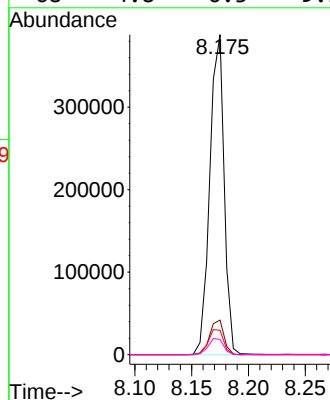
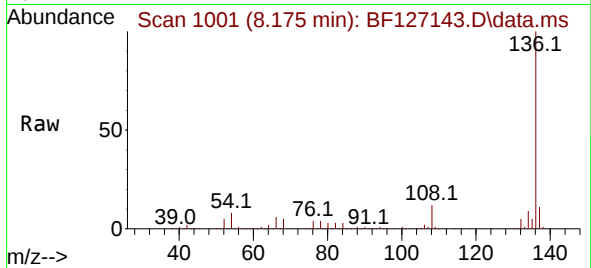




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

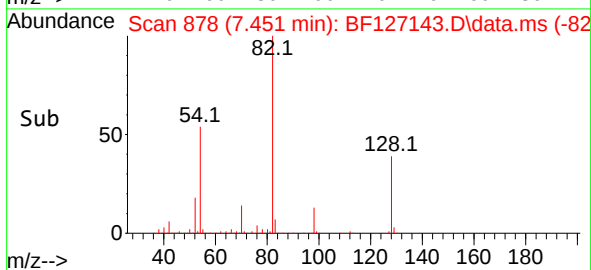
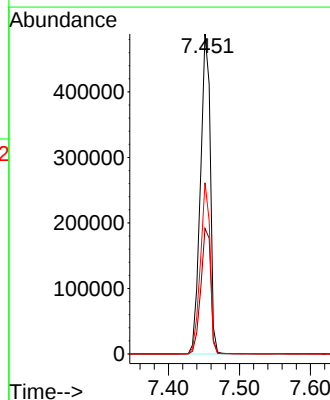
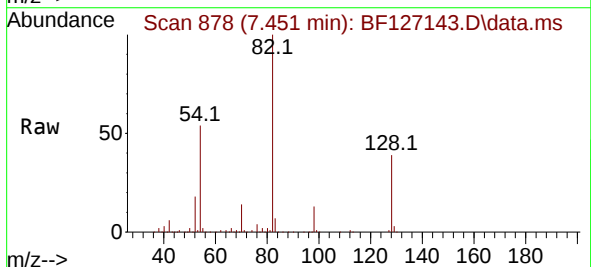
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion:136 Resp: 340946
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 7.8 11.6#
68 4.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 62.754 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion: 82 Resp: 474014
Ion Ratio Lower Upper
82 100
128 39.2 32.7 49.1
54 53.5 41.7 62.5

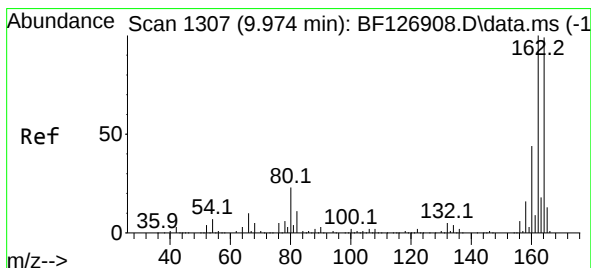
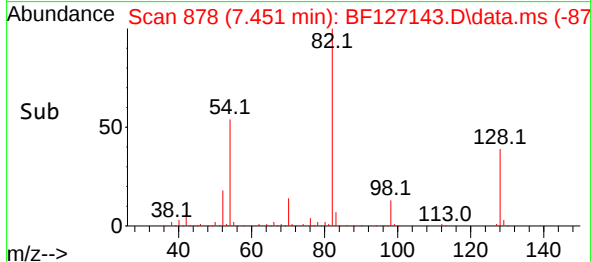
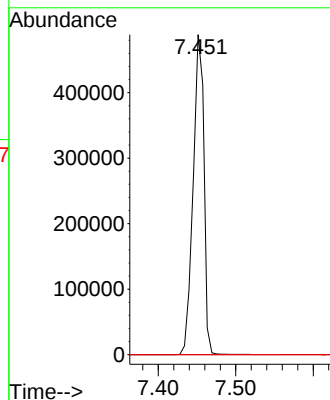
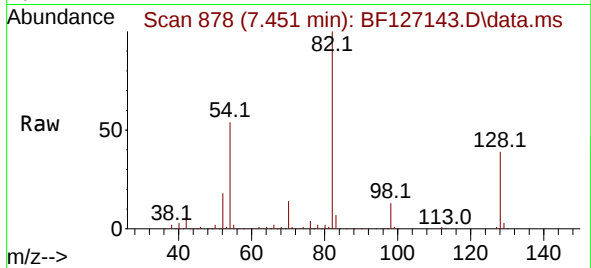




#25
Isophorone
Concen: 37.797 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

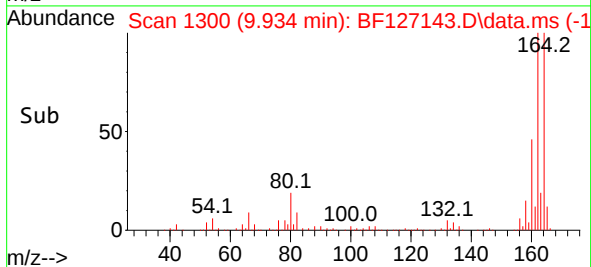
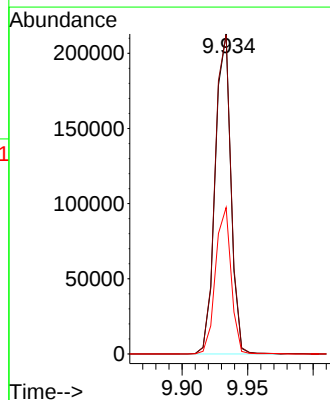
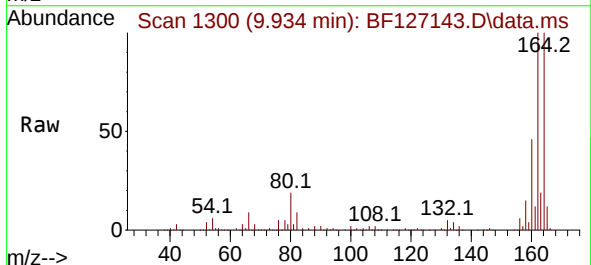
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion: 82 Resp: 472426
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:164 Resp: 176620
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 45.7 36.6 54.8

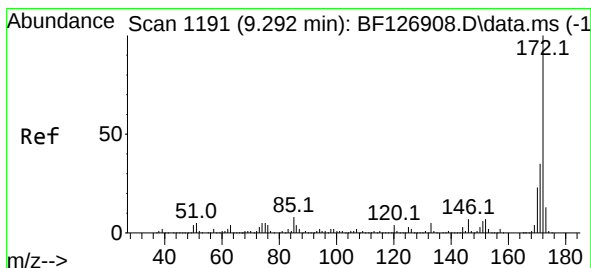
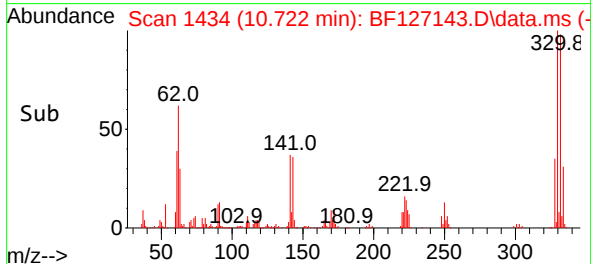
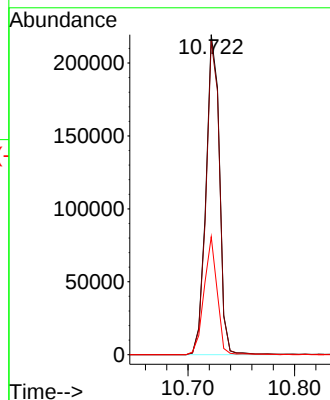
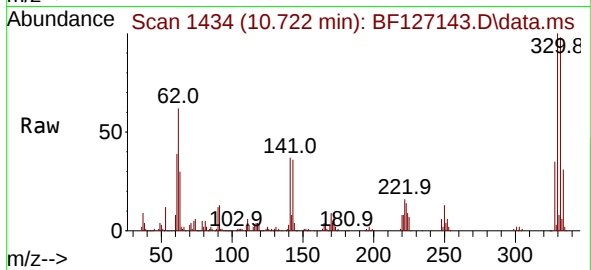




#42
2,4,6-Tribromophenol
Concen: 95.469 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

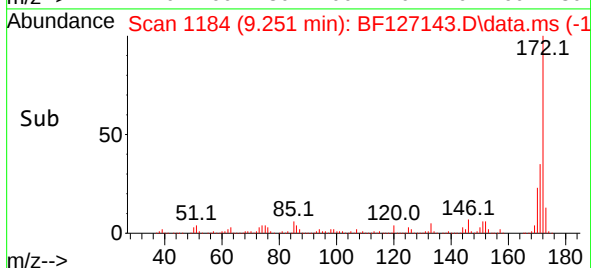
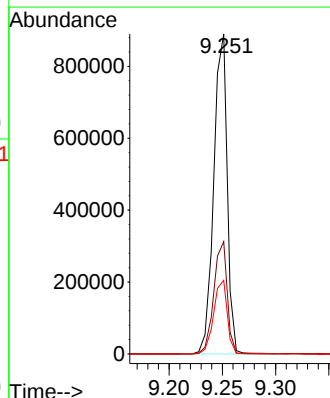
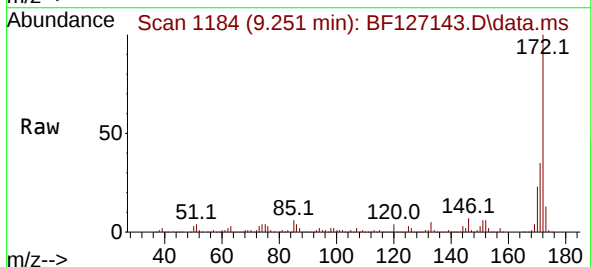
Instrument :
BNA_F
ClientSampleId :
DUM-3

Tgt Ion:330 Resp: 194141
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 35.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.084 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:172 Resp: 780838
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.587 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Instrument :

BNA_F

ClientSampleId :

DUM-3

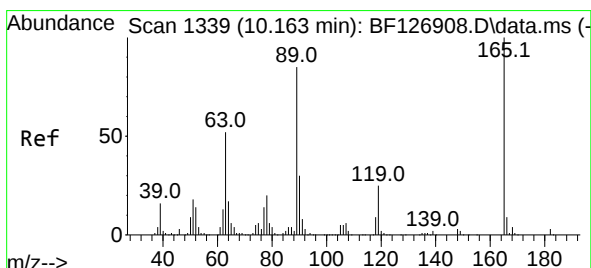
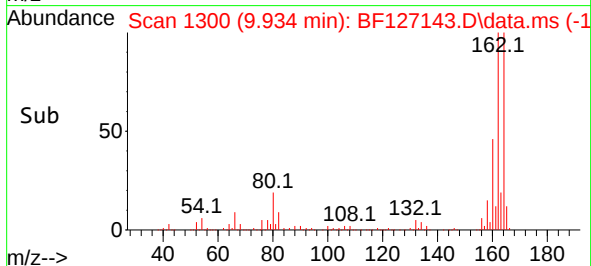
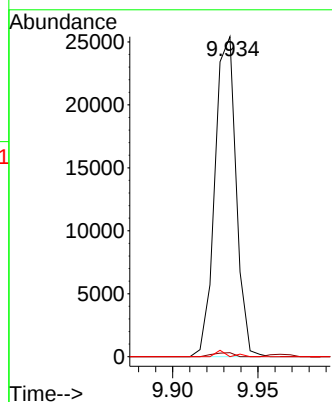
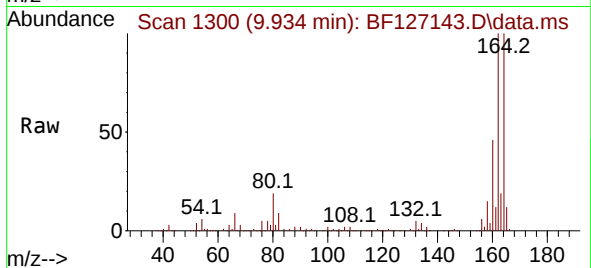
Tgt Ion:165 Resp: 22057

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 0.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.351 ng

RT: 9.934 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Tgt Ion:165 Resp: 22057

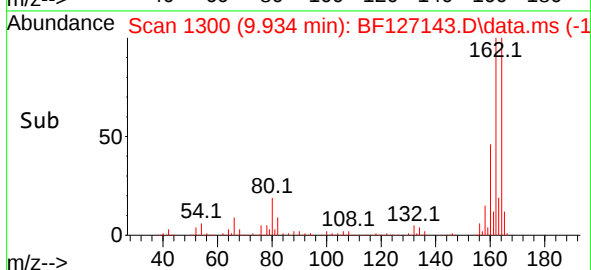
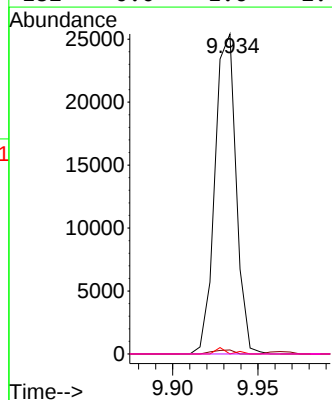
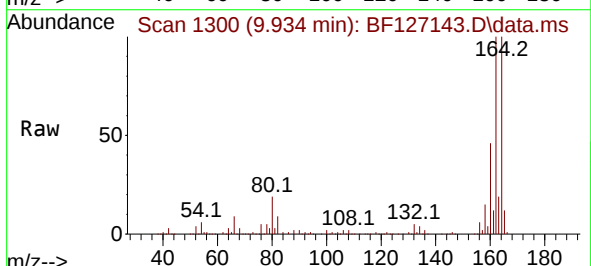
Ion Ratio Lower Upper

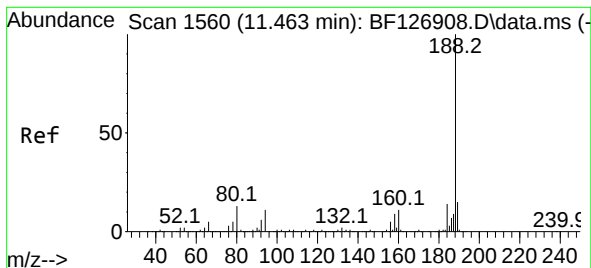
165 100

63 1.3 43.0 64.6#

89 0.0 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Instrument :

BNA_F

ClientSampleId :

DUM-3

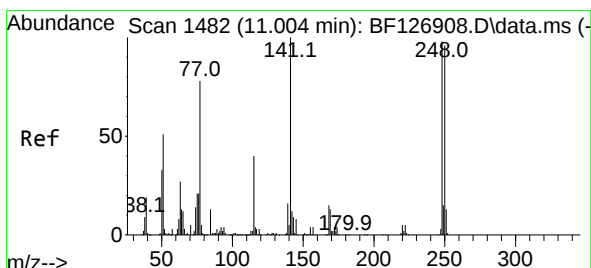
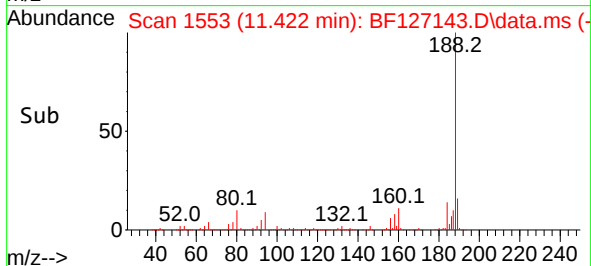
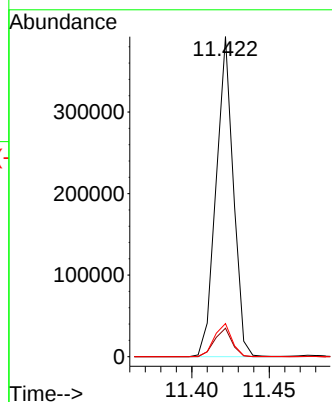
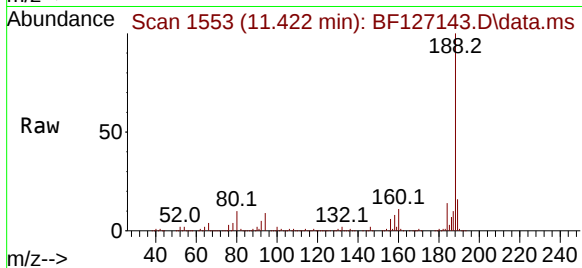
Tgt Ion:188 Resp: 303410

Ion Ratio Lower Upper

188 100

94 8.9 10.1 15.1#

80 10.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.392 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

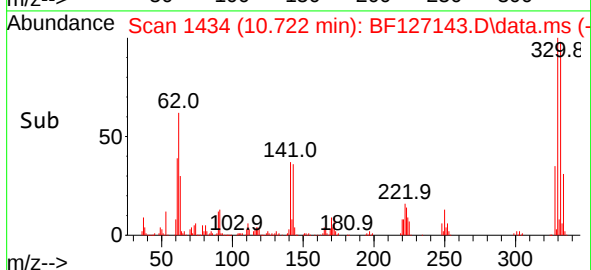
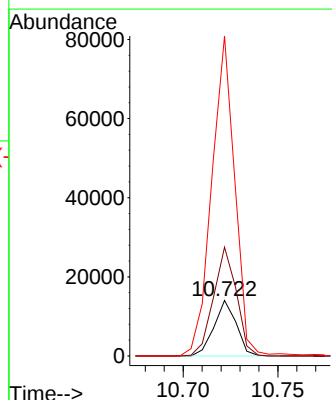
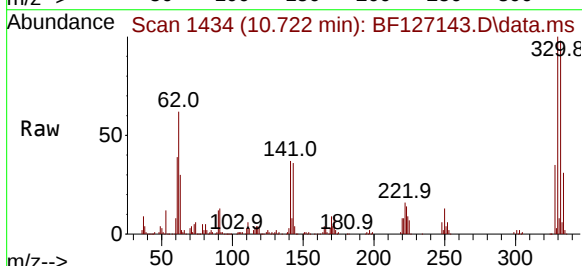
Tgt Ion:248 Resp: 11500

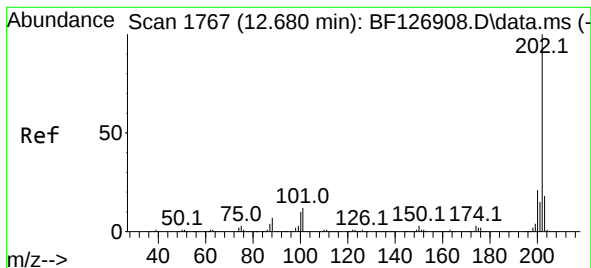
Ion Ratio Lower Upper

248 100

250 196.1 76.2 114.4#

141 577.1 66.2 99.4#





#75

Fluoranthene

Concen: 2.791 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Instrument :

BNA_F

ClientSampleId :

DUM-3

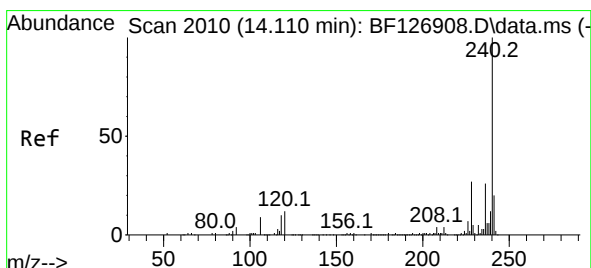
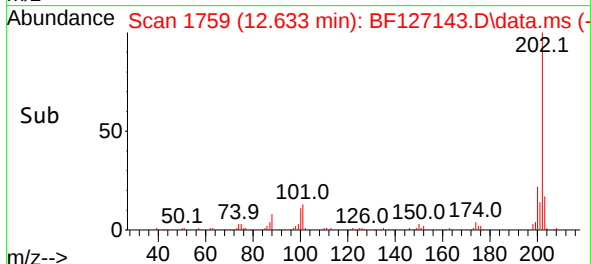
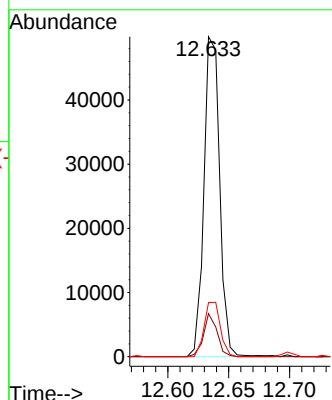
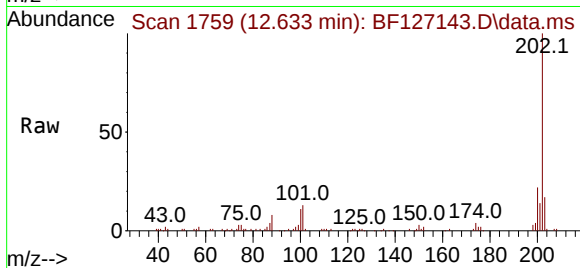
Tgt Ion:202 Resp: 44999

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.7

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.012 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

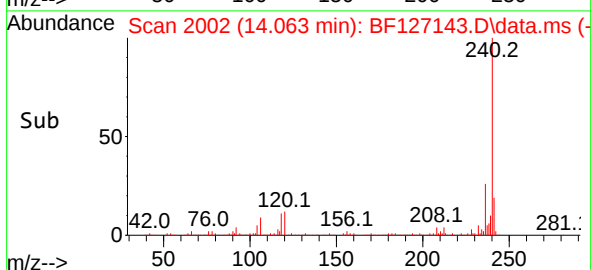
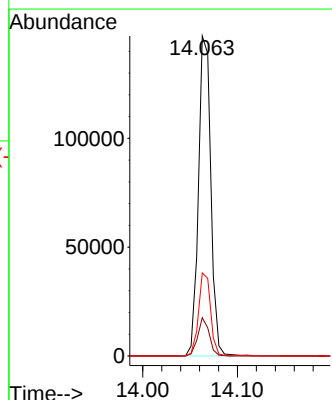
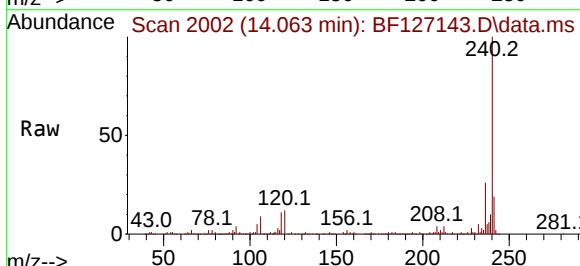
Tgt Ion:240 Resp: 134344

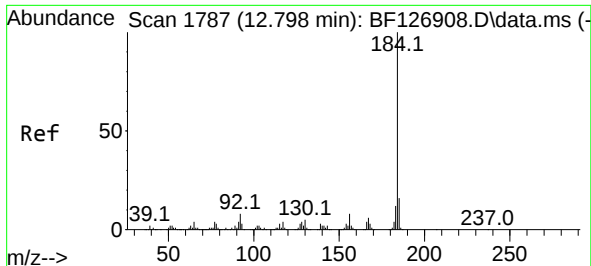
Ion Ratio Lower Upper

240 100

120 12.0 14.4 21.6#

236 26.0 20.5 30.7

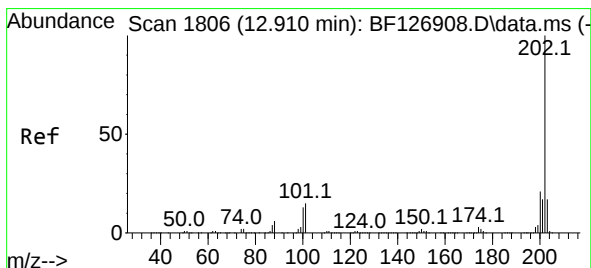
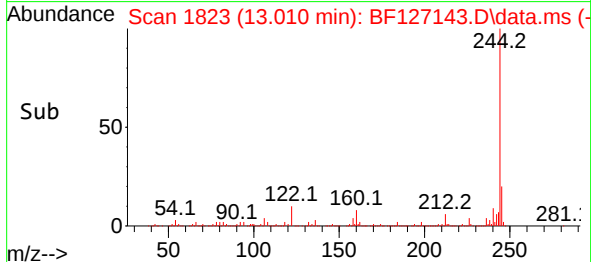
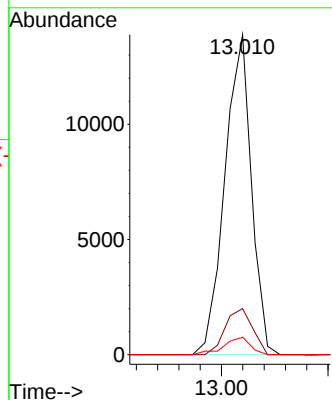
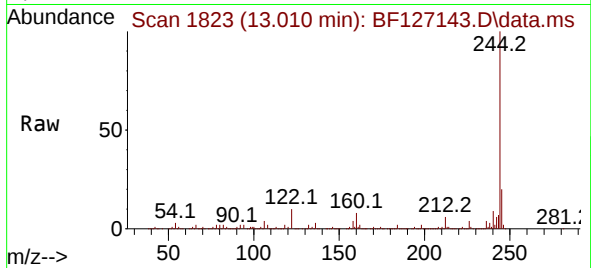




#77
Benzidine
Concen: 3.293 ng
RT: 13.010 min Scan# 1799
Delta R.T. 0.247 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

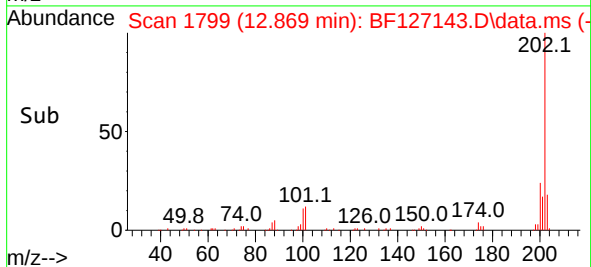
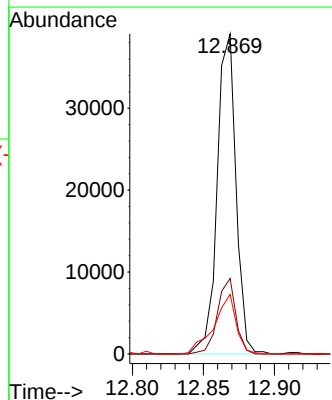
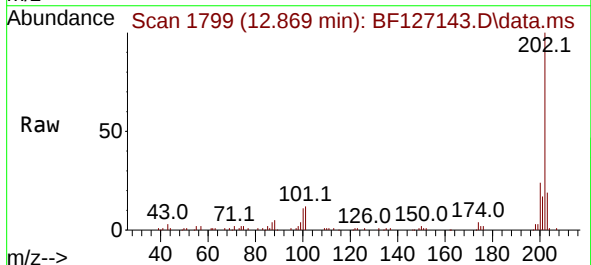
Instrument :
BNA_F
ClientSampleId :
DUM-3

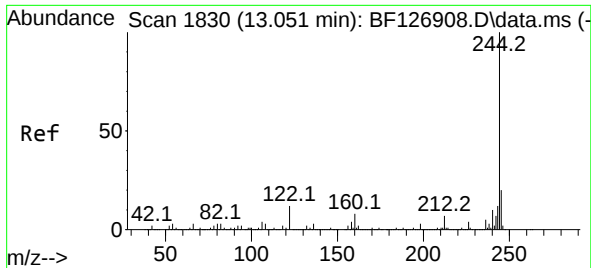
Tgt Ion:184 Resp: 12021
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 5.5 8.2 12.2#



#78
Pyrene
Concen: 3.079 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127143.D
Acq: 02 Mar 2022 13:16

Tgt Ion:202 Resp: 35938
Ion Ratio Lower Upper
202 100
200 23.6 16.6 24.8
203 18.6 13.8 20.8

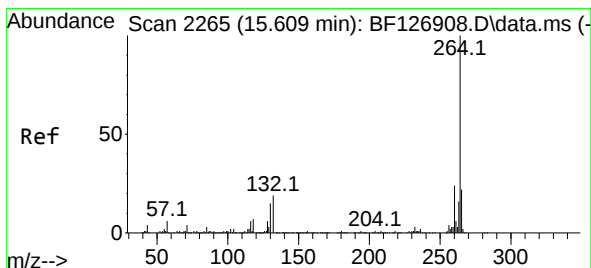
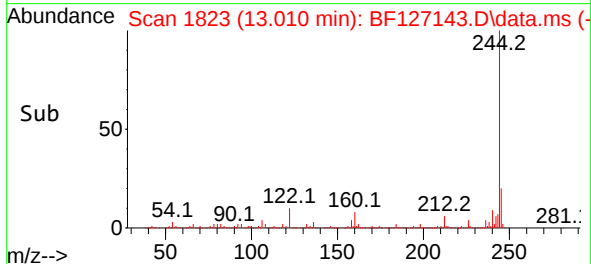
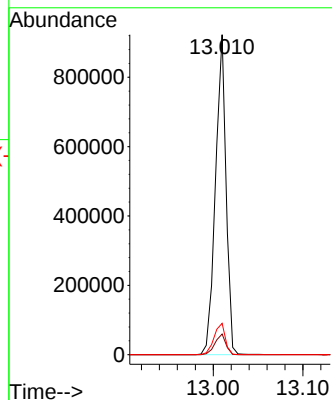
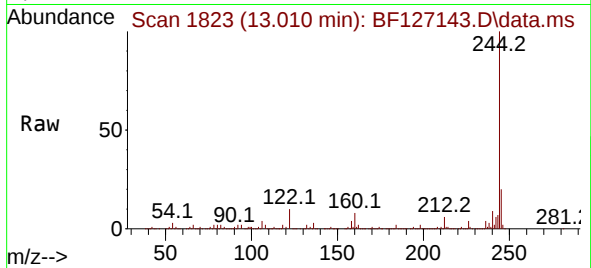




#79
 Terphenyl-d14
 Concen: 82.597 ng
 RT: 13.010 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127143.D
 Acq: 02 Mar 2022 13:16

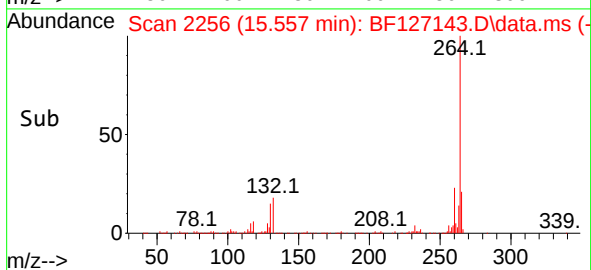
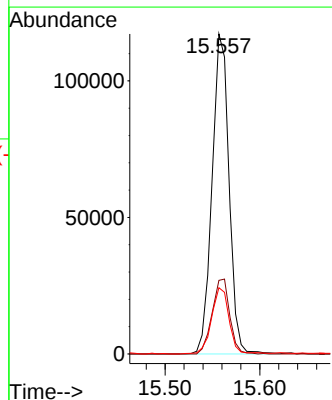
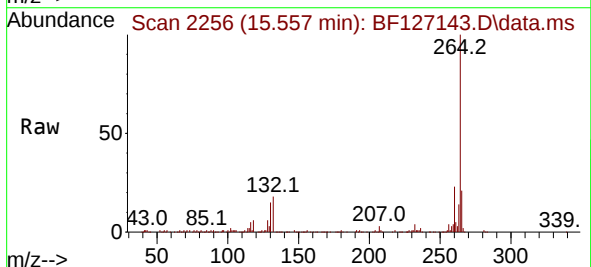
Instrument :
 BNA_F
 ClientSampleId :
 DUM-3

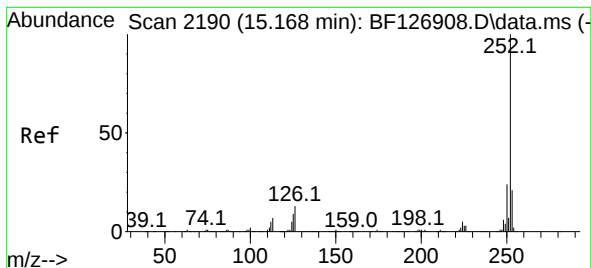
Tgt Ion:244 Resp: 754841
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127143.D
 Acq: 02 Mar 2022 13:16

Tgt Ion:264 Resp: 145442
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.244 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Instrument :

BNA_F

ClientSampleId :

DUM-3

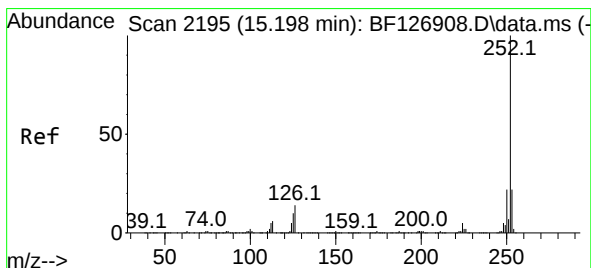
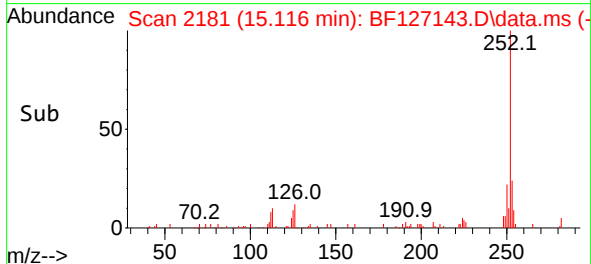
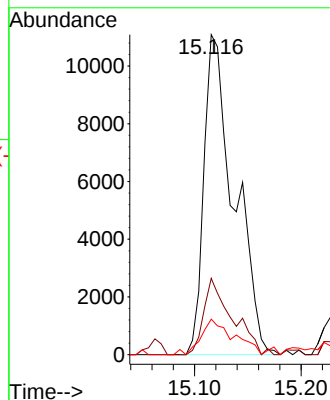
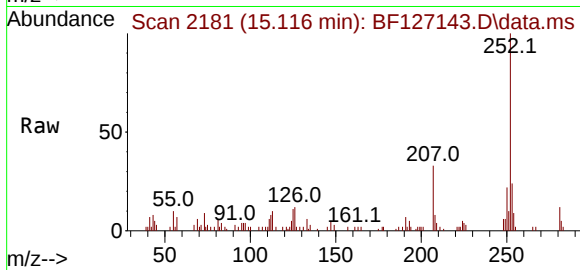
Tgt Ion:252 Resp: 21918

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 11.1 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 2.326 ng

RT: 15.116 min Scan# 2181

Delta R.T. -0.041 min

Lab File: BF127143.D

Acq: 02 Mar 2022 13:16

Tgt Ion:252 Resp: 21918

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 11.1 11.8 17.6#

