

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127690.D
 Acq On : 07 Apr 2022 18:31
 Operator : CG\JU
 Sample : N2258-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-040422

Quant Time: Apr 08 04:45:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

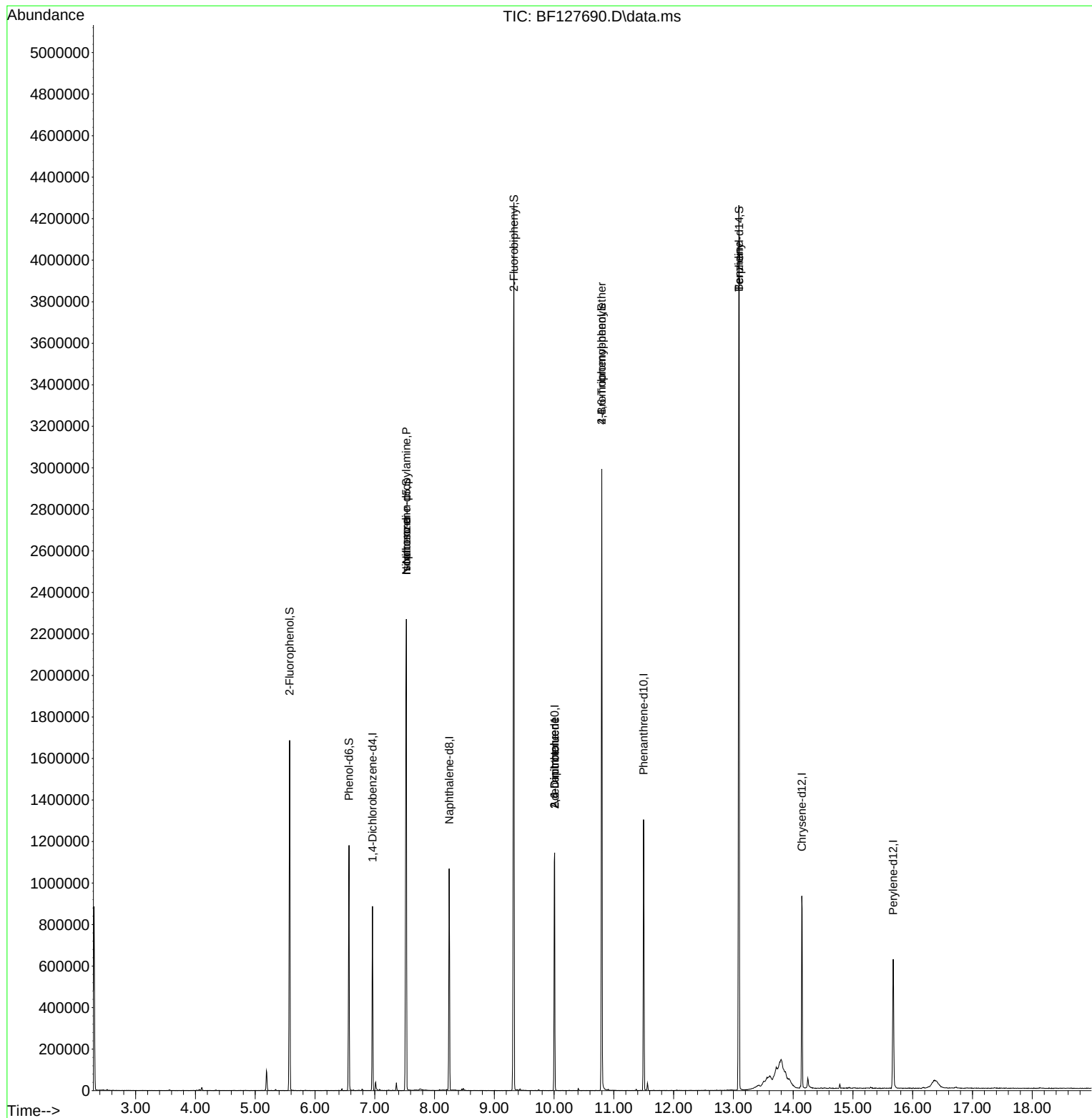
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	116697	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	421555	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	248366	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	468711	20.000	ng	0.00
76) Chrysene-d12	14.145	240	336815	20.000	ng	-0.01
86) Perylene-d12	15.674	264	303242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	412300	57.409	ng	0.00
7) Phenol-d6	6.569	99	321575	34.227	ng	-0.01
23) Nitrobenzene-d5	7.528	82	791415	83.696	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	344072	130.183	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1369379	77.998	ng	0.00
79) Terphenyl-d14	13.098	244	1704230	83.518	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	600	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	108973	17.933	ng	# 76
25) Isophorone	7.528	82	791402	47.964	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	32038	9.441	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	32038	7.615	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	22151	3.894	ng	# 1
77) Benizidine	13.092	184	25062	2.851	ng	# 93

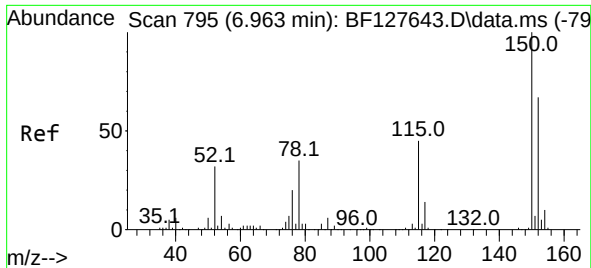
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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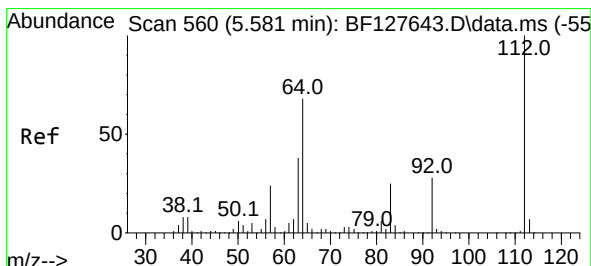
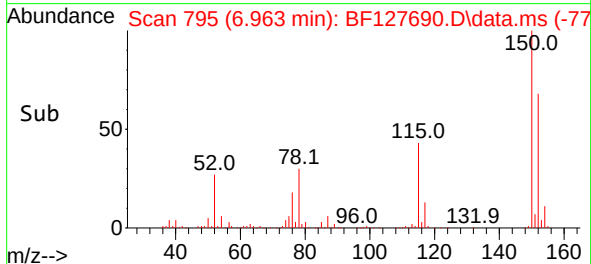
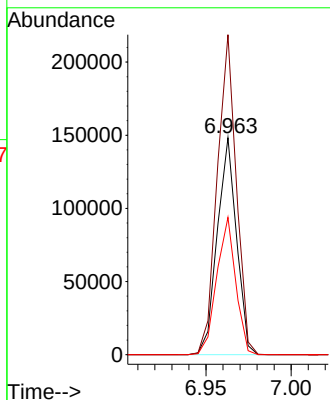
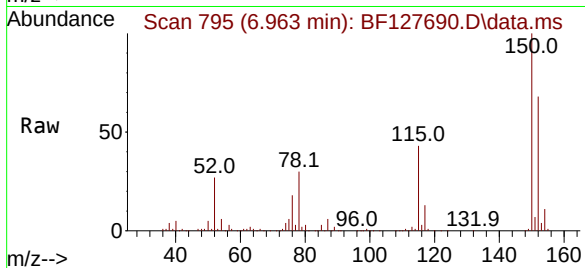




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

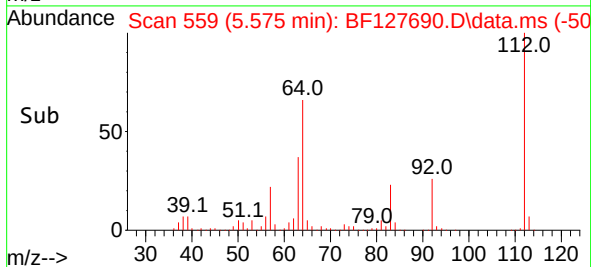
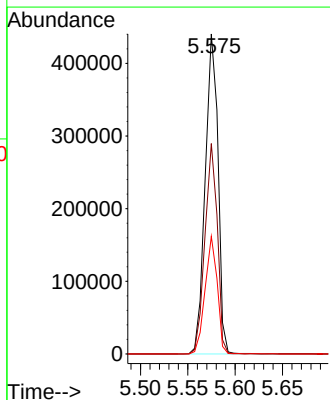
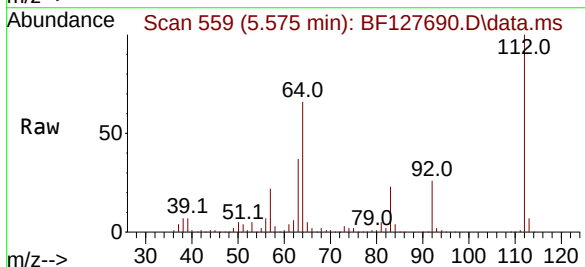
Instrument :
BNA_F
ClientSampleId :
FB-040422

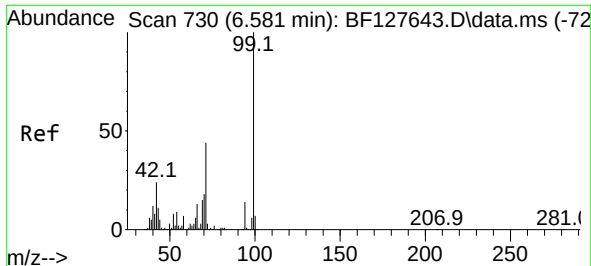
Tgt Ion:152 Resp: 116697
Ion Ratio Lower Upper
152 100
150 147.5 117.2 175.8
115 63.2 49.8 74.6



#5
2-Fluorophenol
Concen: 57.409 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion:112 Resp: 412300
Ion Ratio Lower Upper
112 100
64 65.7 58.4 87.6
63 36.8 30.1 45.1

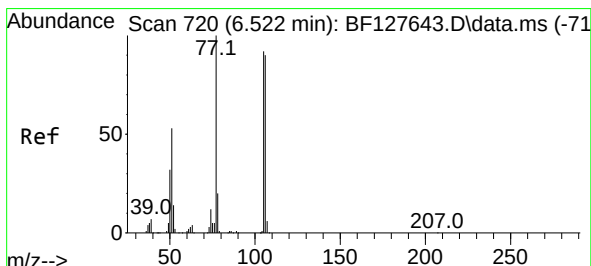
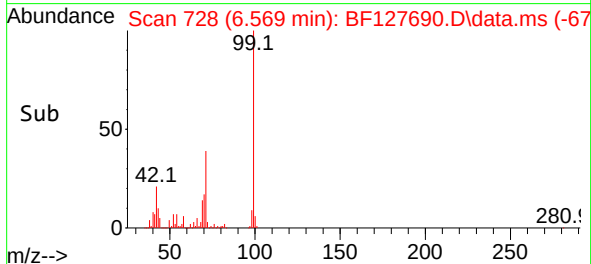
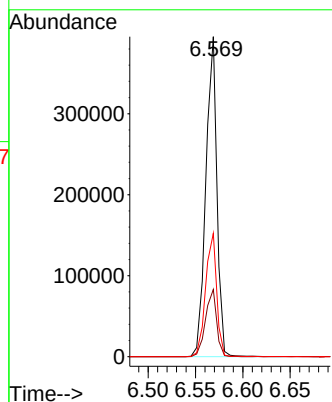
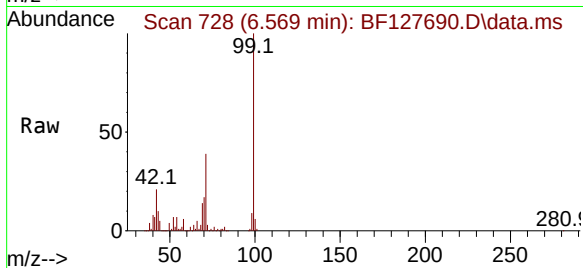




#7
Phenol-d6
Concen: 34.227 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

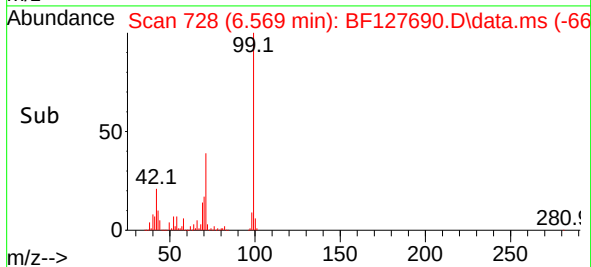
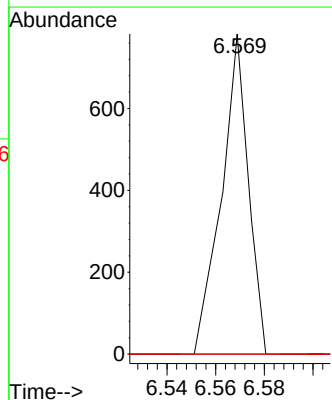
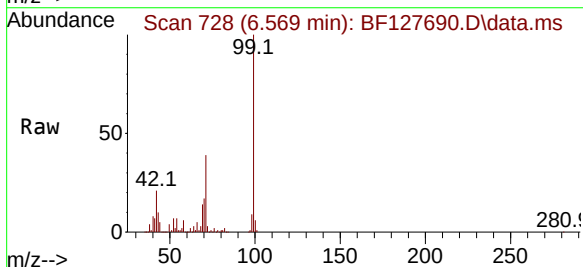
Instrument :
BNA_F
ClientSampleId :
FB-040422

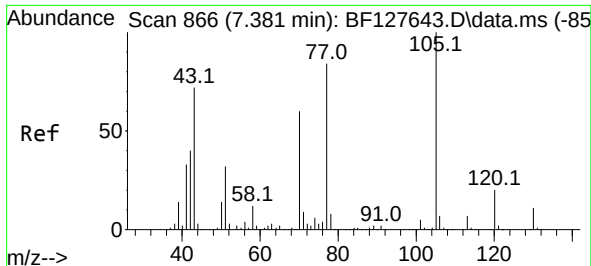
Tgt Ion: 99 Resp: 321575
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 38.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.047 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion: 77 Resp: 600
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

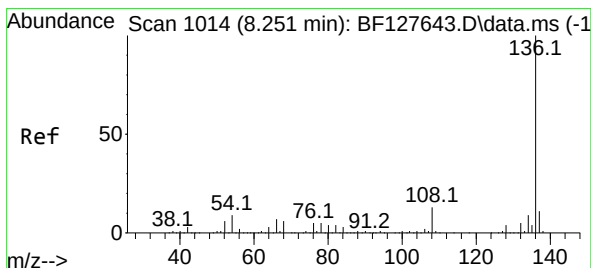
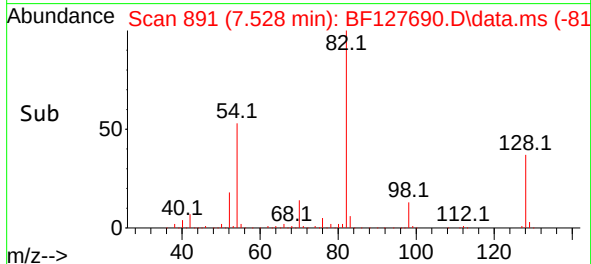
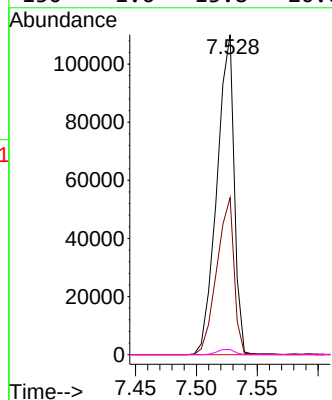
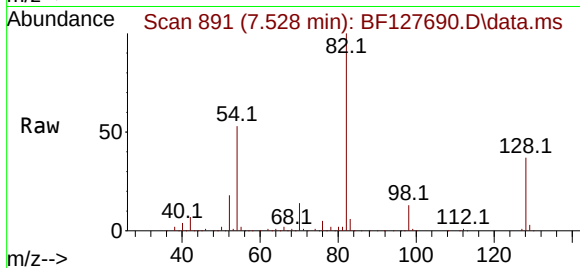




#19
n-Nitroso-di-n-propylamine
Concen: 17.933 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

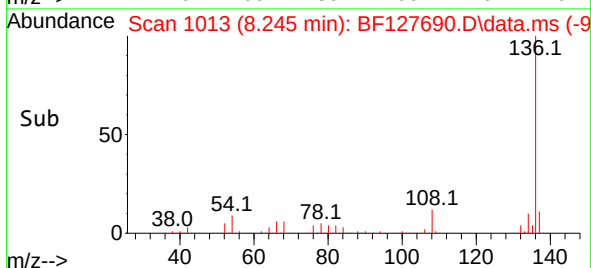
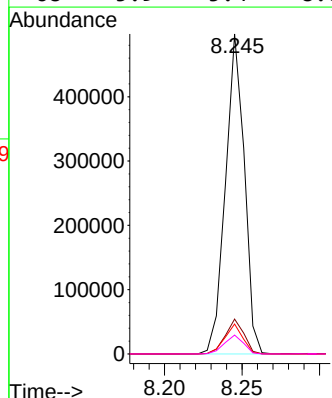
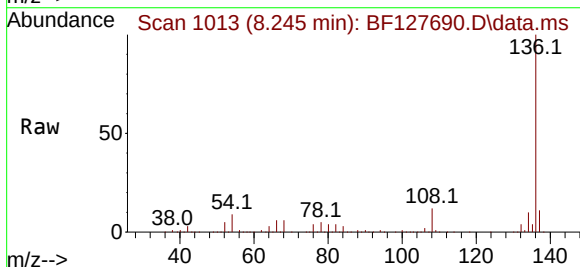
Instrument :
BNA_F
ClientSampleId :
FB-040422

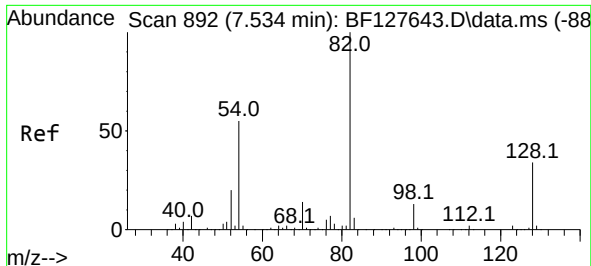
Tgt Ion: 70 Resp: 108973
Ion Ratio Lower Upper
70 100
42 49.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion: 136 Resp: 421555
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 9.2 13.8
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.696 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127690.D

Acq: 07 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

FB-040422

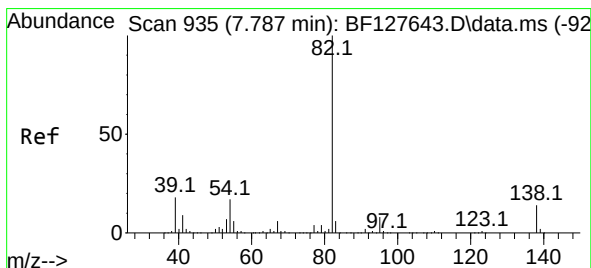
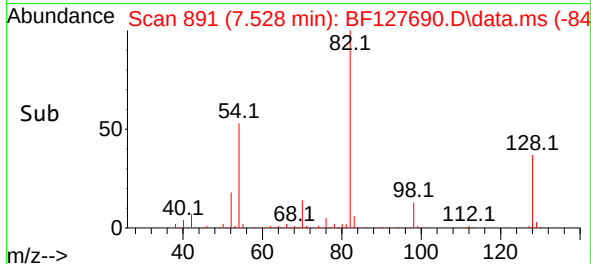
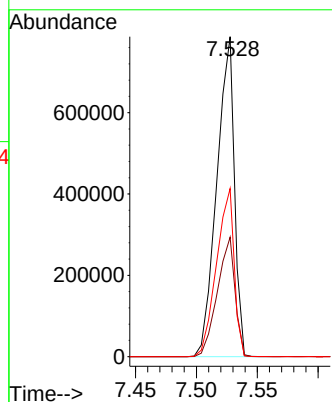
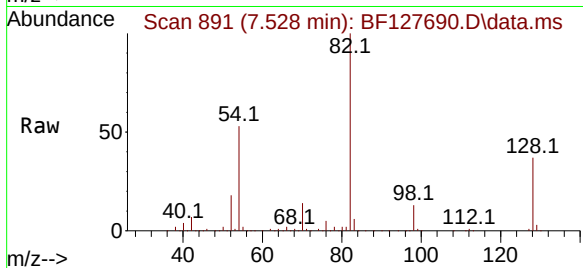
Tgt Ion: 82 Resp: 791415

Ion Ratio Lower Upper

82 100

128 37.4 30.6 45.8

54 52.5 48.2 72.2



#25

Isophorone

Concen: 47.964 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127690.D

Acq: 07 Apr 2022 18:31

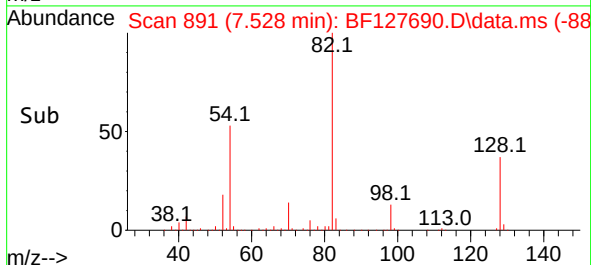
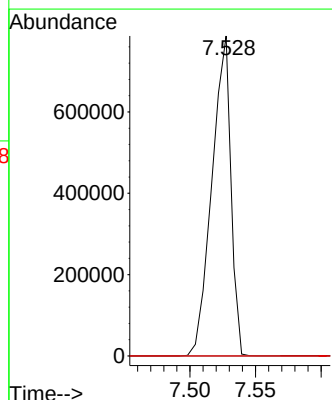
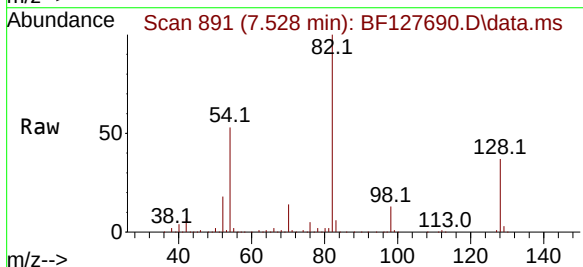
Tgt Ion: 82 Resp: 791402

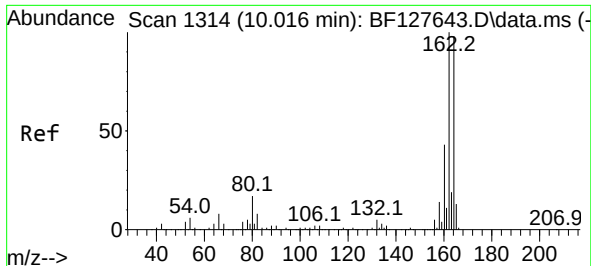
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

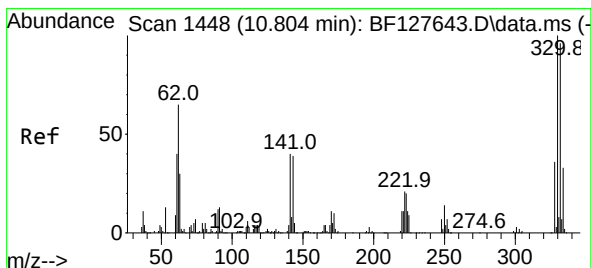
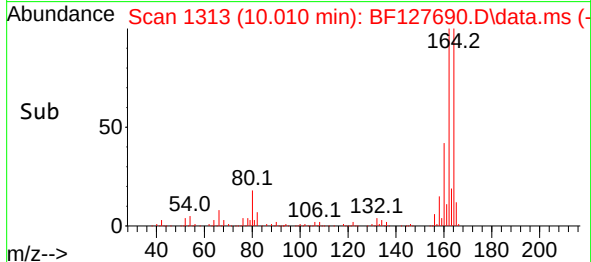
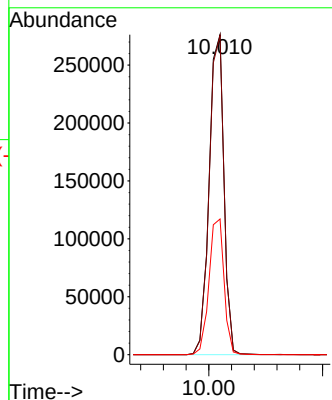
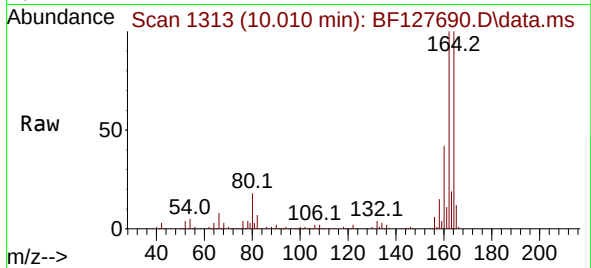




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

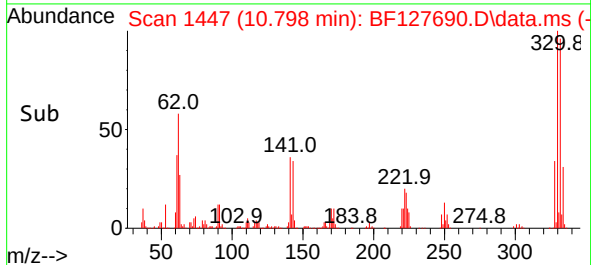
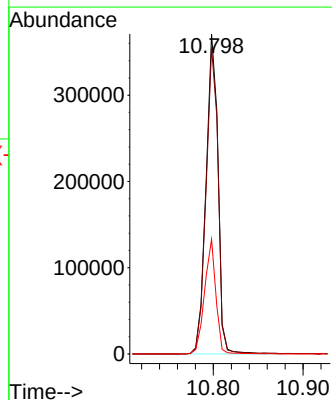
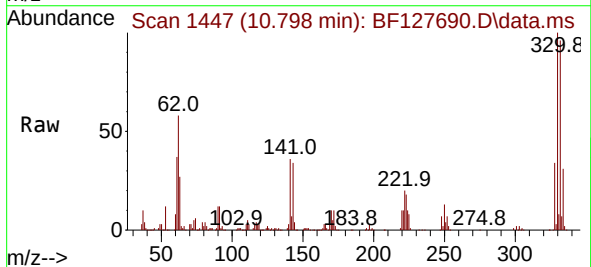
Instrument :
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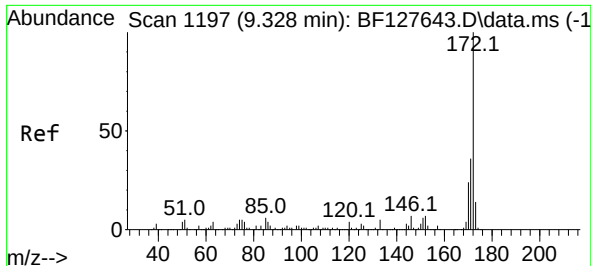
Tgt Ion:164 Resp: 248366
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 42.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 130.183 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion:330 Resp: 344072
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.998 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127690.D

Acq: 07 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

FB-040422

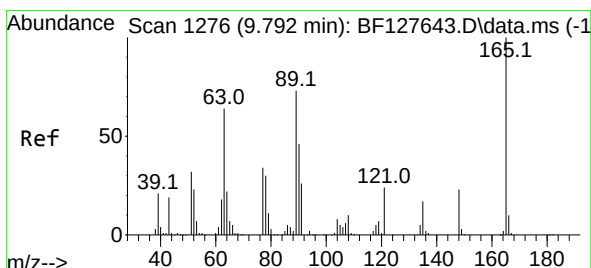
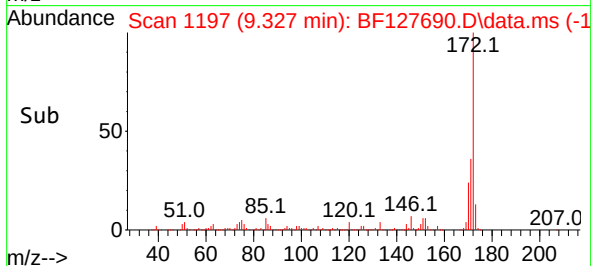
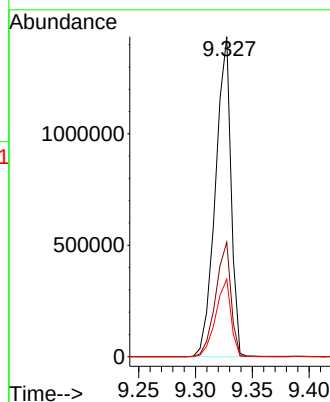
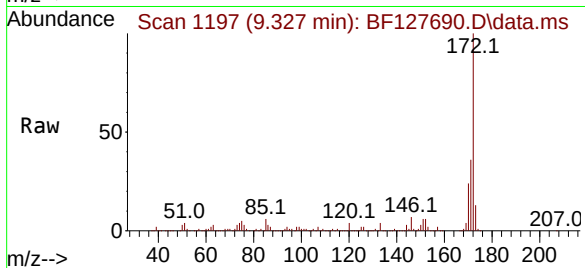
Tgt Ion:172 Resp: 1369379

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.441 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127690.D

Acq: 07 Apr 2022 18:31

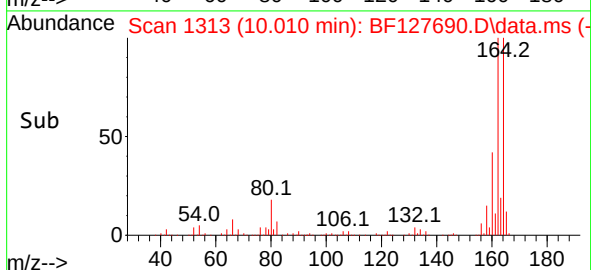
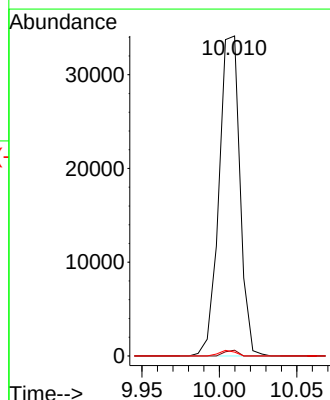
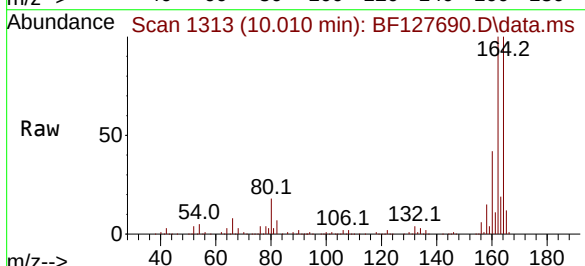
Tgt Ion:165 Resp: 32038

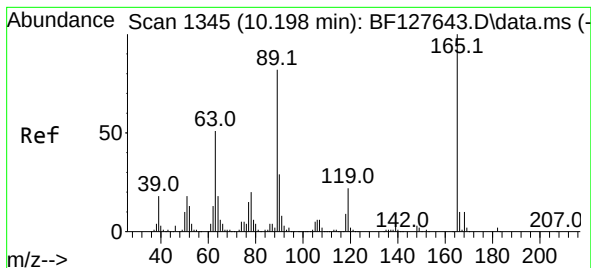
Ion Ratio Lower Upper

165 100

63 1.8 58.3 87.5#

89 1.2 51.5 77.3#

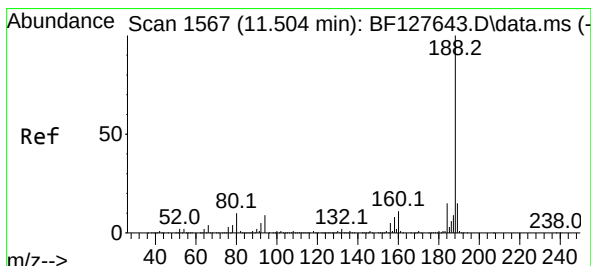
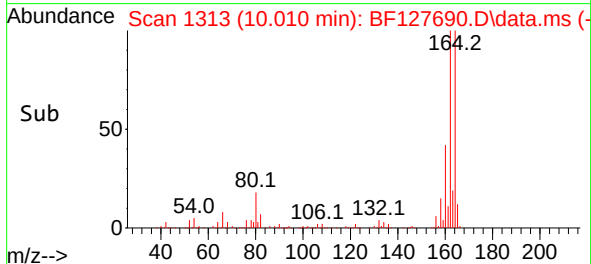
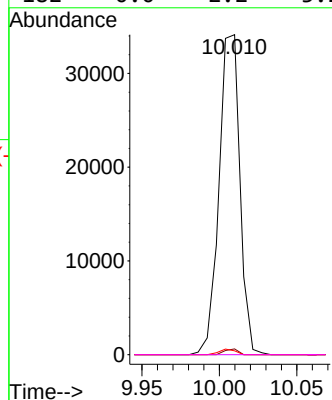
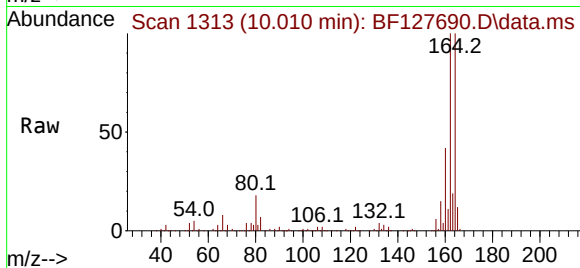




#57
2,4-Dinitrotoluene
Concen: 7.615 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

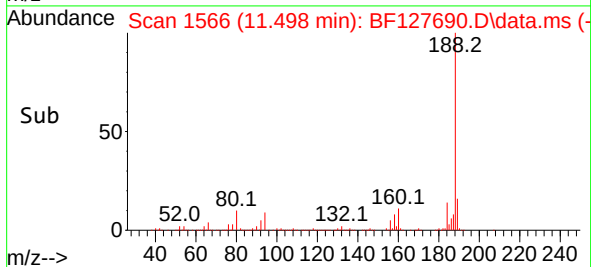
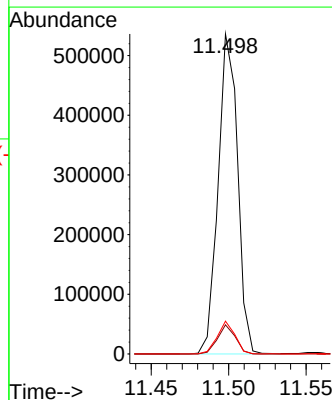
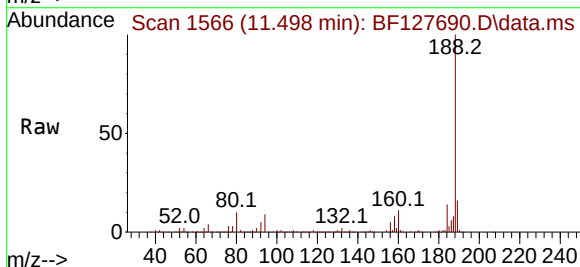
Instrument :
BNA_F
ClientSampleId :
FB-040422

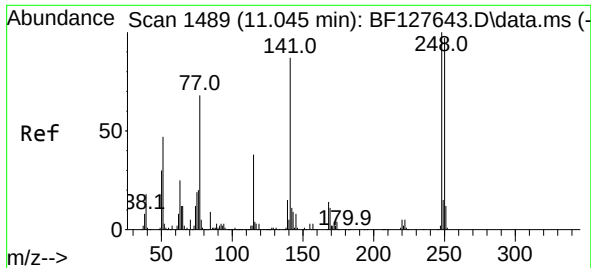
Tgt Ion:165 Resp: 32038
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion:188 Resp: 468711
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.3 8.0 12.0

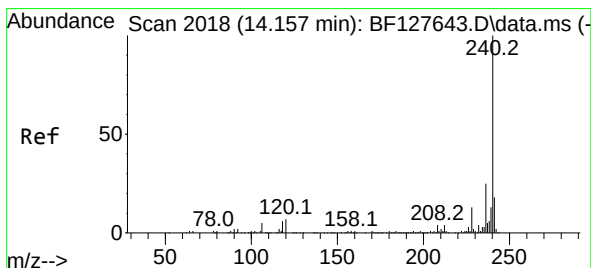
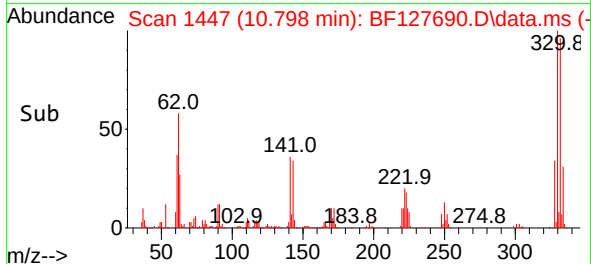
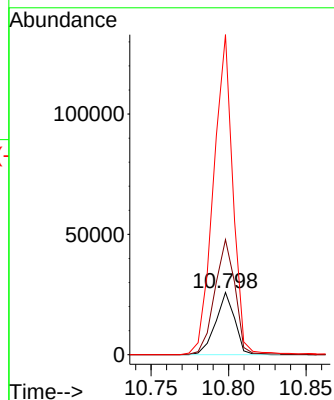
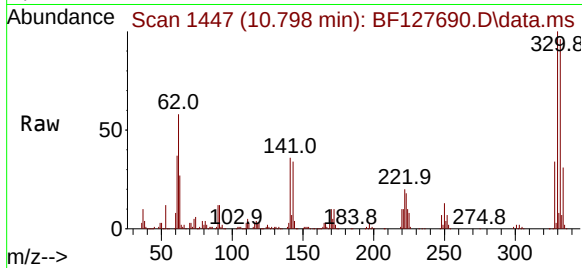




#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

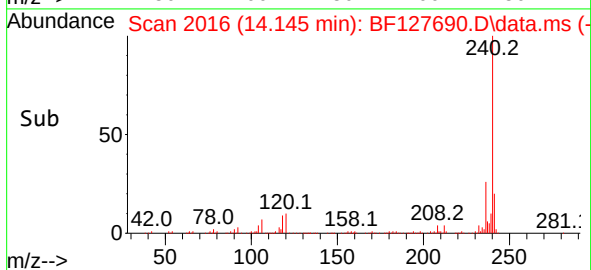
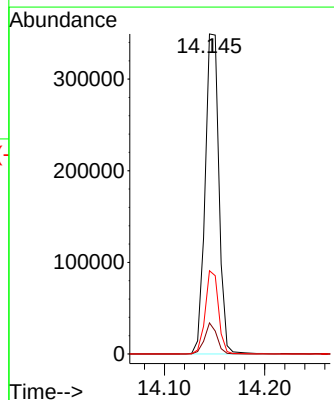
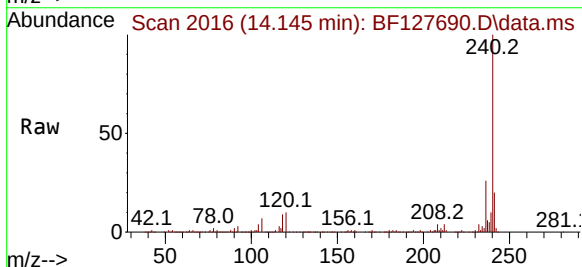
Instrument :
BNA_F
ClientSampleId :
FB-040422

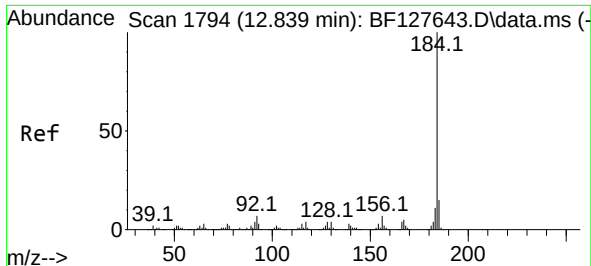
Tgt Ion:248 Resp: 22151
Ion Ratio Lower Upper
248 100
250 184.8 76.6 115.0#
141 514.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion:240 Resp: 336815
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.0 20.7 31.1

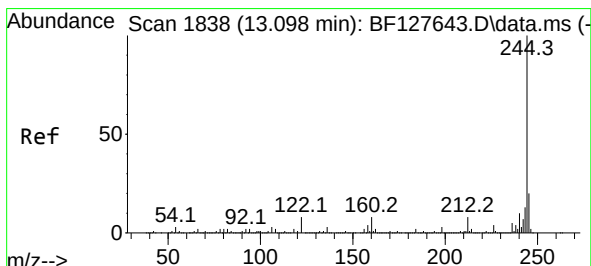
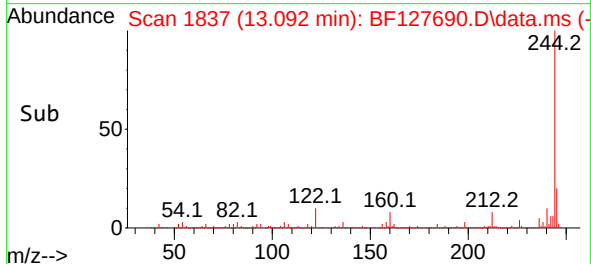
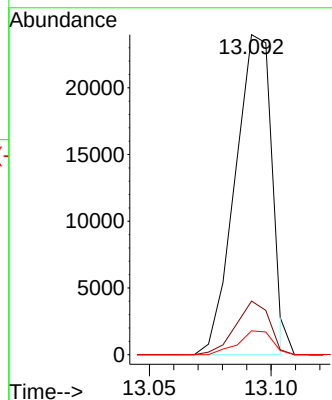
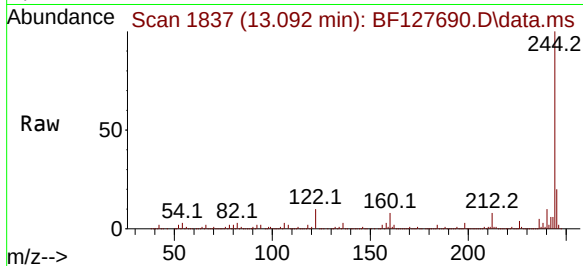




#77
Benzidine
Concen: 2.851 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

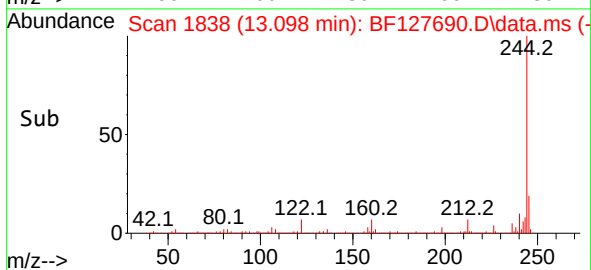
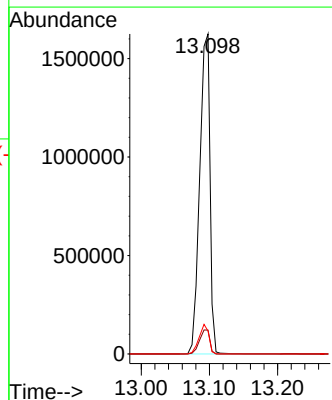
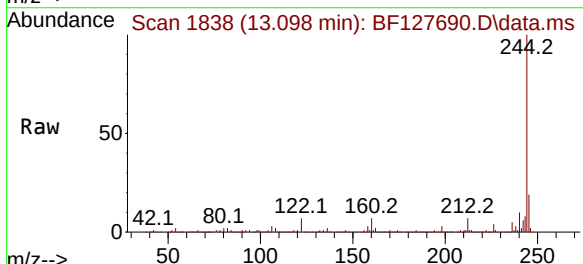
Instrument :
BNA_F
ClientSampleId :
FB-040422

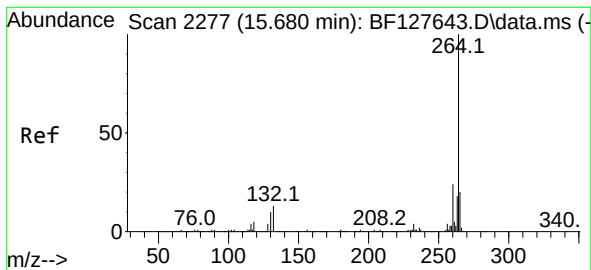
Tgt Ion:184 Resp: 25062
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 83.518 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127690.D
Acq: 07 Apr 2022 18:31

Tgt Ion:244 Resp: 1704230
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 7.2 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127690.D

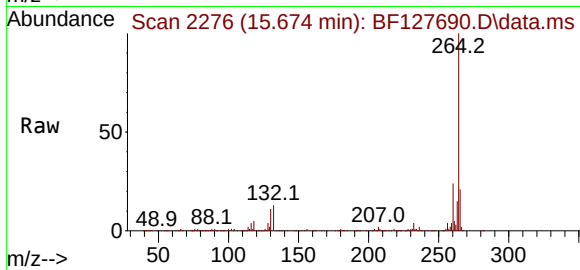
Acq: 07 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

FB-040422



Tgt Ion:264 Resp: 303242

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.4 17.4 26.2

