

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127902.D
 Acq On : 26 Apr 2022 01:33
 Operator : CG\JU
 Sample : N2523-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042122

Quant Time: Apr 26 05:41:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

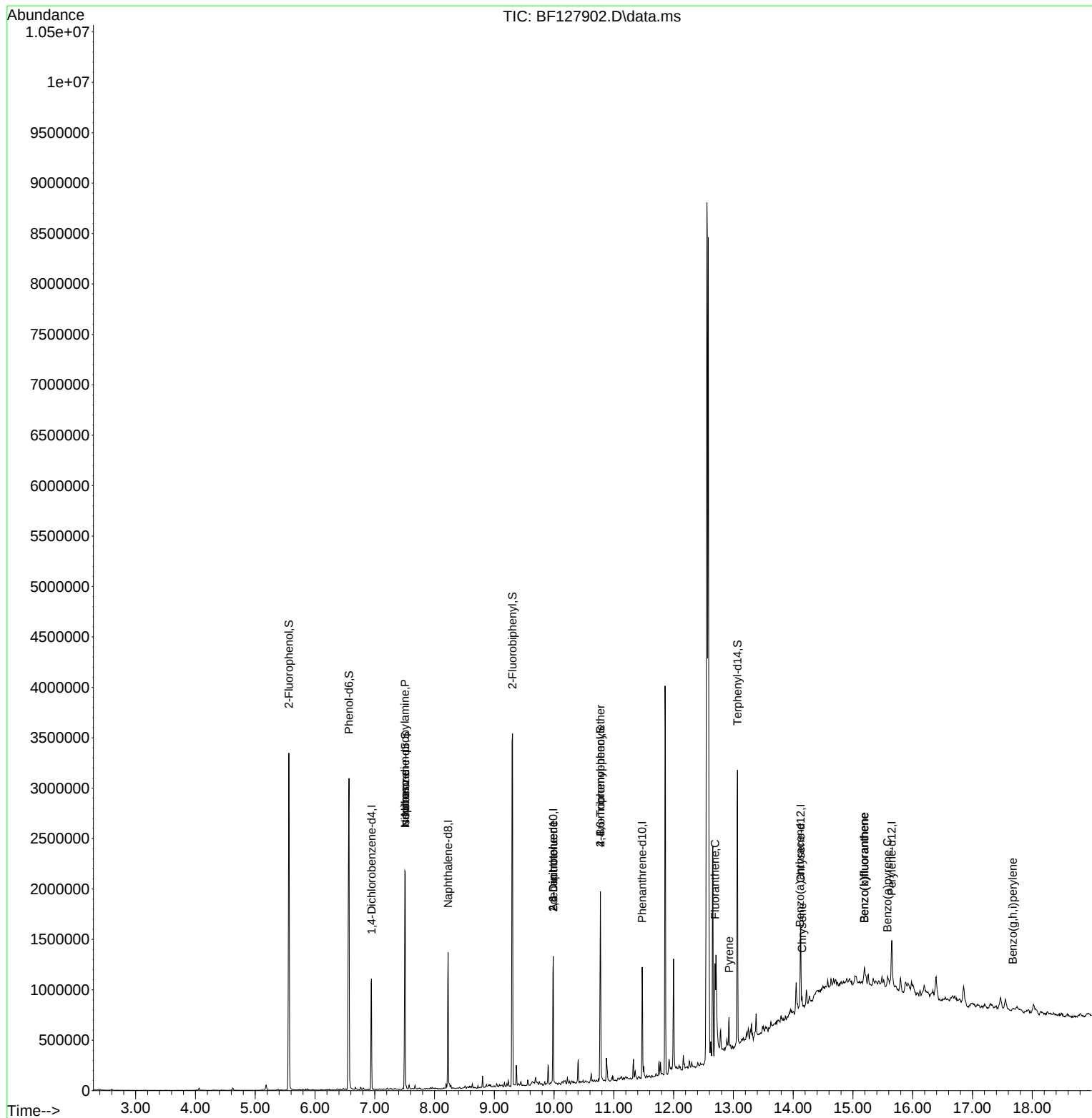
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	156253	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	545198	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	259490	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	401084	20.000	ng	0.00
76) Chrysene-d12	14.127	240	288326	20.000	ng	0.00
86) Perylene-d12	15.651	264	195279	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	885640	90.279	ng	0.00
7) Phenol-d6	6.569	99	1111862	87.347	ng	0.00
23) Nitrobenzene-d5	7.510	82	769417	66.363	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	214958	82.290	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1117237	72.838	ng	0.00
79) Terphenyl-d14	13.068	244	968814	61.442	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.504	70	106501	13.668	ng	# 81
25) Isophorone	7.510	82	768089	39.362	ng	# 68
51) 2,6-Dinitrotoluene	9.986	165	35759	9.490	ng	# 22
57) 2,4-Dinitrotoluene	9.986	165	35759	7.165	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	13439	3.023	ng	# 1
75) Fluoranthene	12.692	202	99516	4.504	ng	97
78) Pyrene	12.927	202	99734	4.285	ng	99
81) Benzo(a)anthracene	14.115	228	47574	2.476	ng	# 87
83) Chrysene	14.151	228	54088	2.947	ng	# 95
88) Benzo(b)fluoranthene	15.192	252	71377	5.819	ng	# 69
89) Benzo(k)fluoranthene	15.192	252	71377	5.776	ng	# 67
90) Benzo(a)pyrene	15.580	252	32593	3.204	ng	# 66
92) Benzo(g,h,i)perylene	17.674	276	24300	2.206	ng	# 83

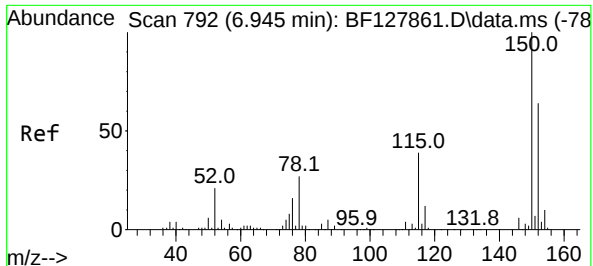
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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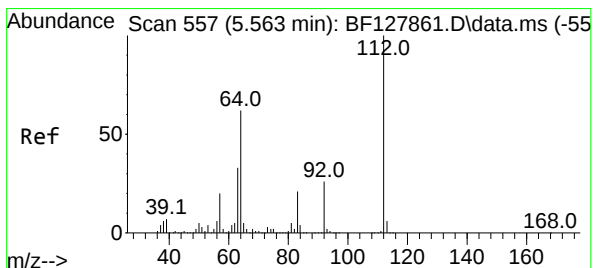
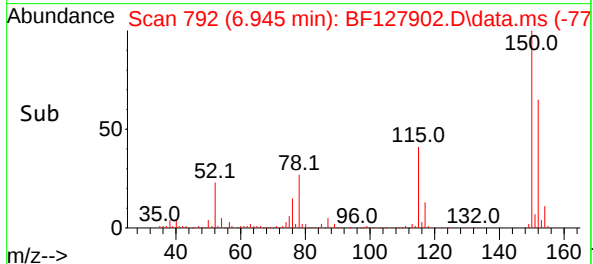
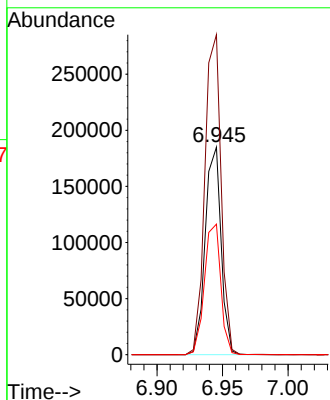
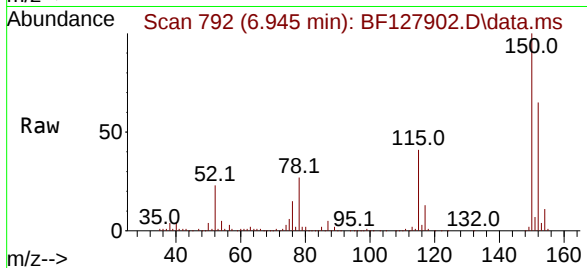




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

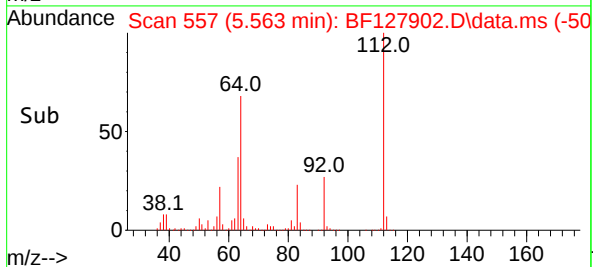
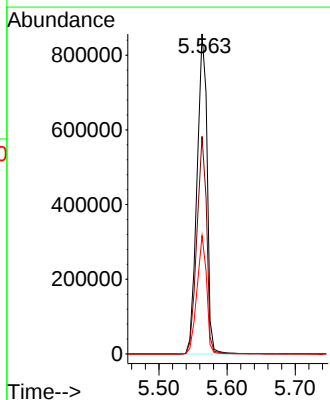
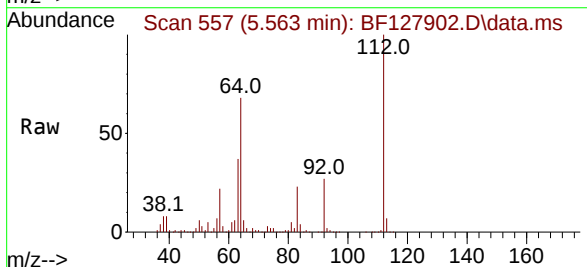
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

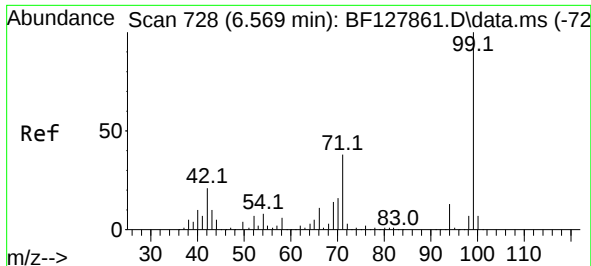
Tgt Ion:152 Resp: 156253
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 62.9 48.8 73.2



#5
2-Fluorophenol
Concen: 90.279 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:112 Resp: 885640
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 37.0 26.3 39.5

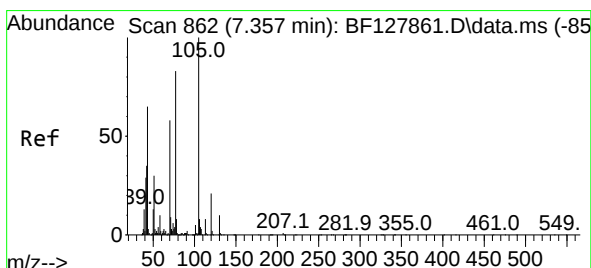
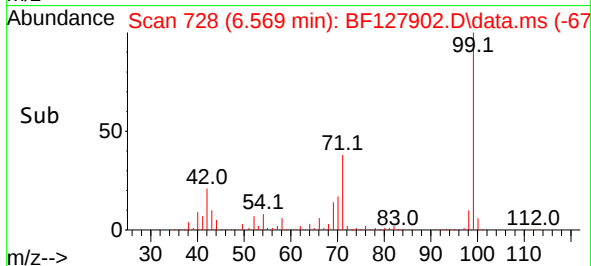
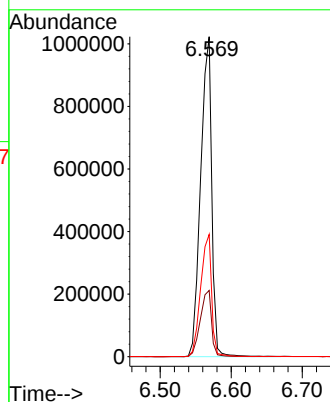
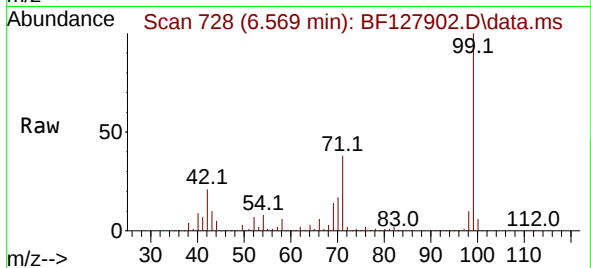




#7
Phenol-d6
Concen: 87.347 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

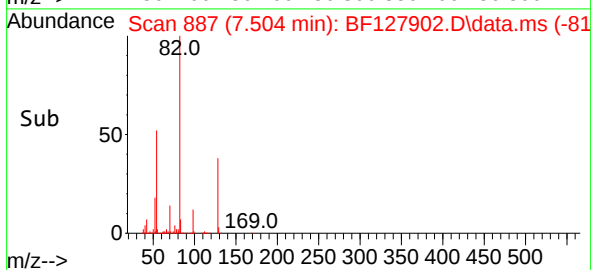
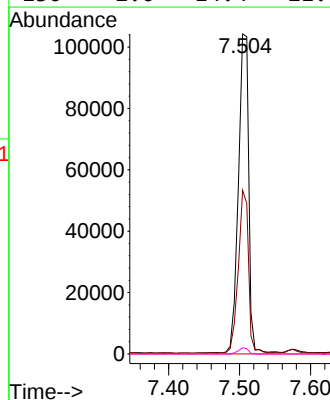
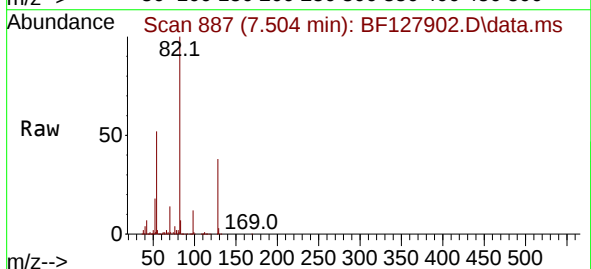
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

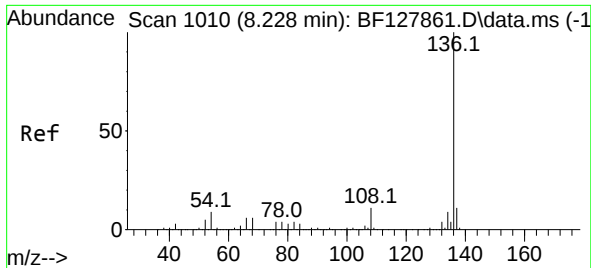
Tgt Ion: 99 Resp: 1111862
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.668 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion: 70 Resp: 106501
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

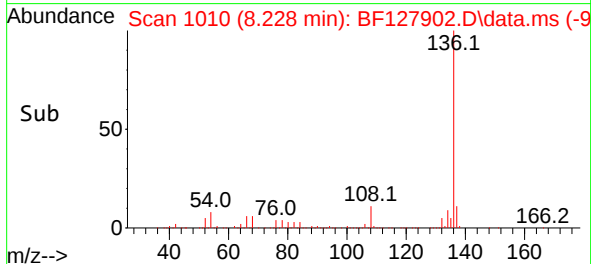
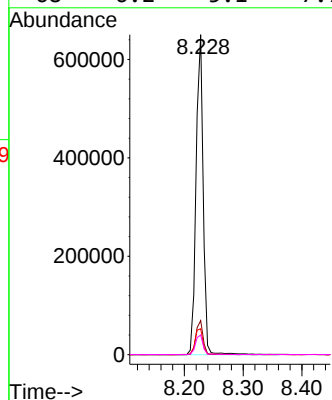
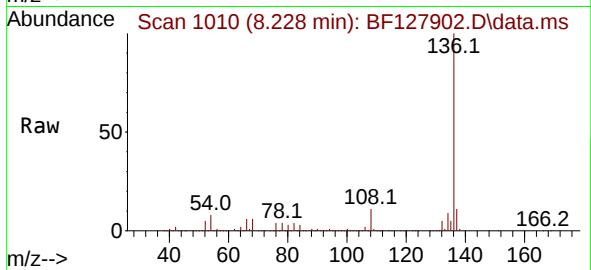




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

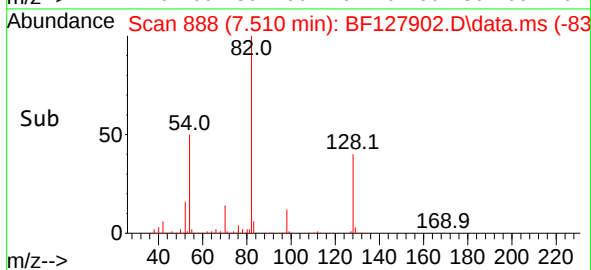
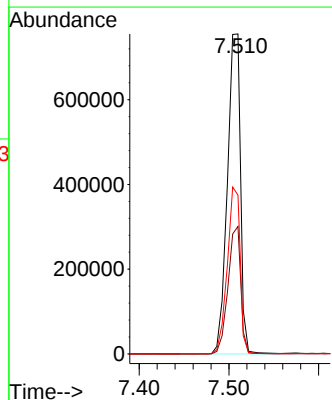
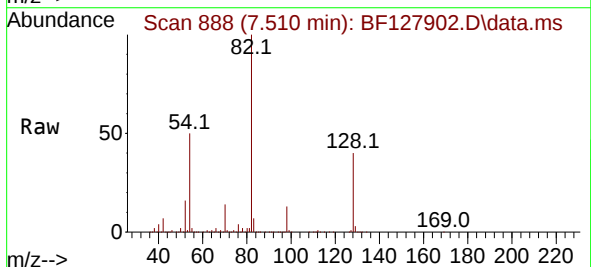
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

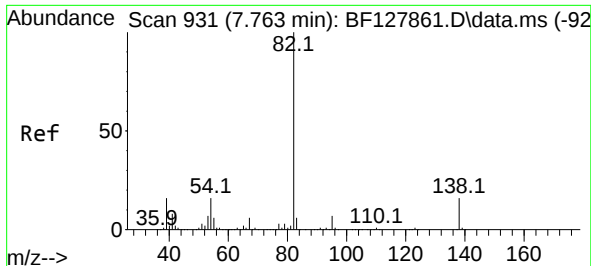
Tgt Ion:136 Resp: 545198
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 66.363 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion: 82 Resp: 769417
Ion Ratio Lower Upper
82 100
128 39.8 30.0 45.0
54 49.6 41.3 61.9

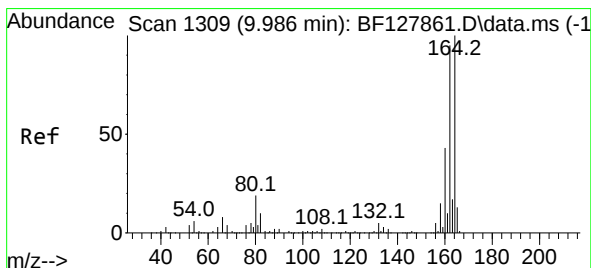
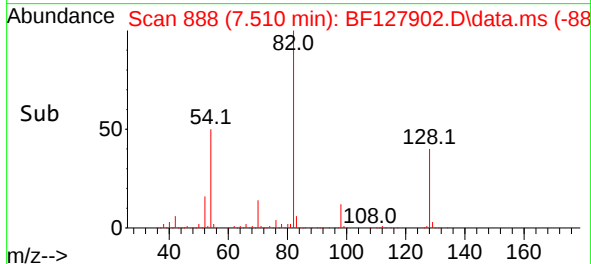
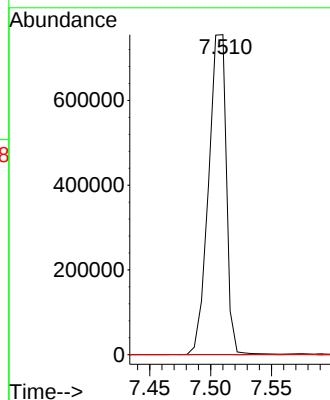
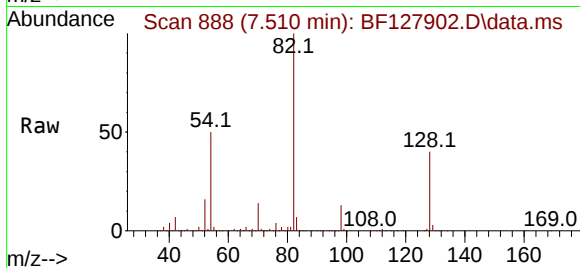




#25
Isophorone
Concen: 39.362 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

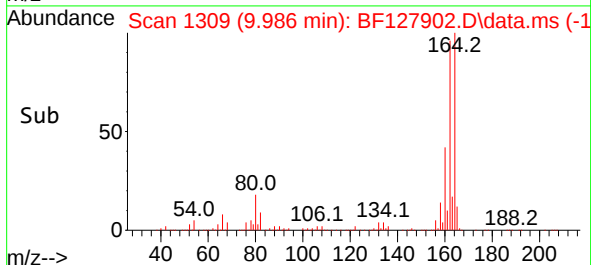
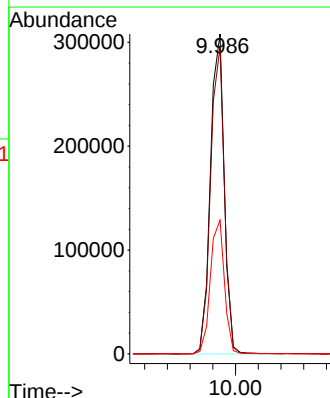
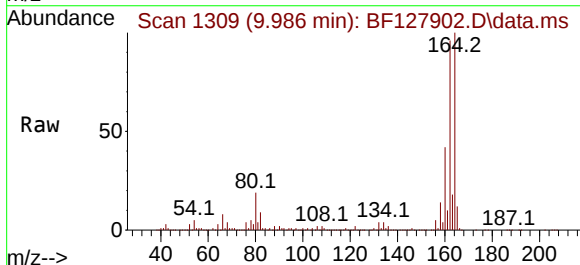
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

Tgt Ion: 82 Resp: 768089
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: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion: 164 Resp: 259490
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 41.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 82.290 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SU-04-042122

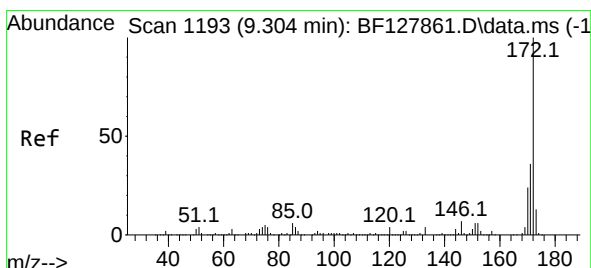
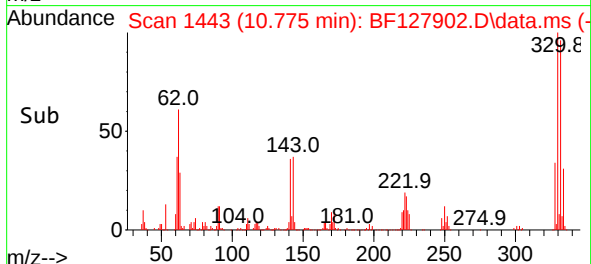
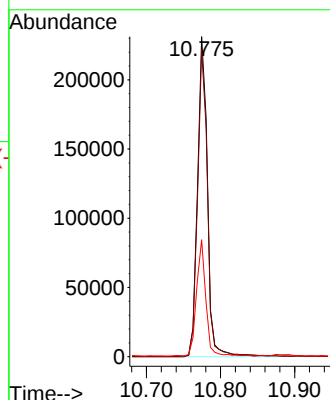
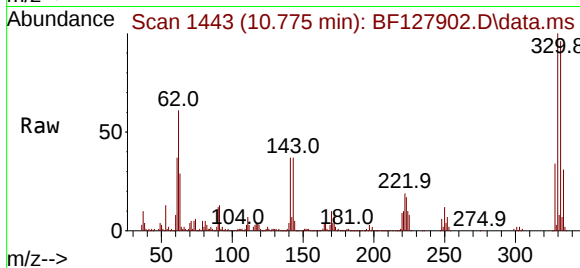
Tgt Ion:330 Resp: 214958

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.838 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

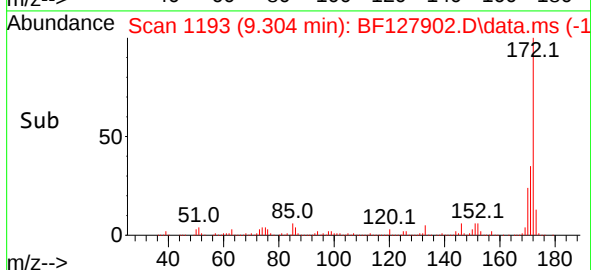
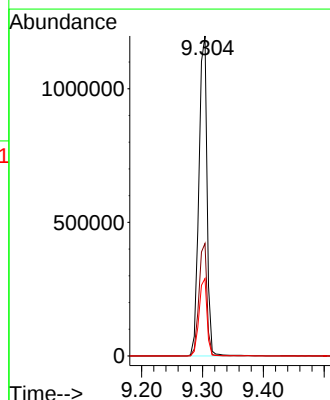
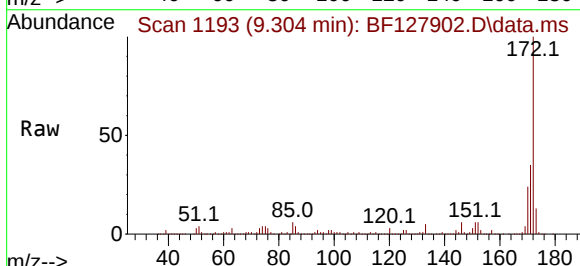
Tgt Ion:172 Resp: 1117237

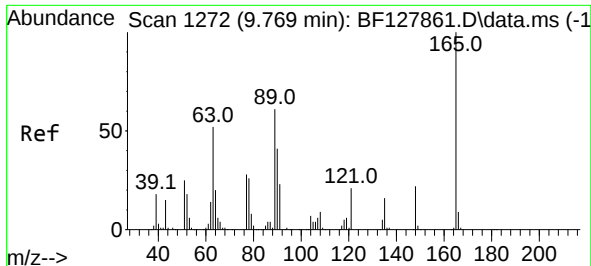
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.2 19.1 28.7

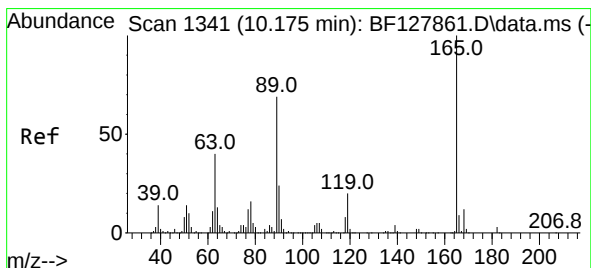
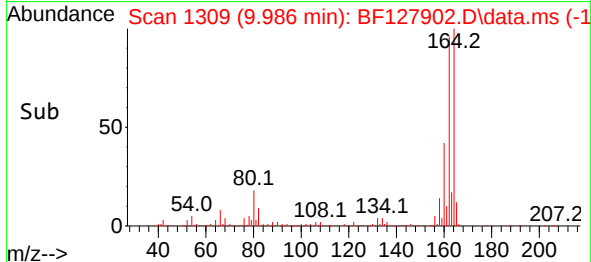
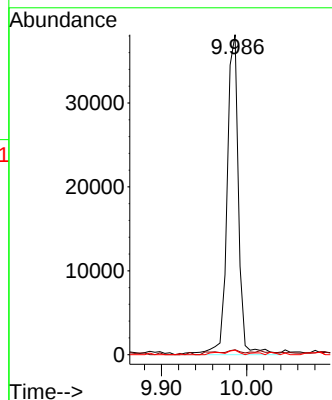
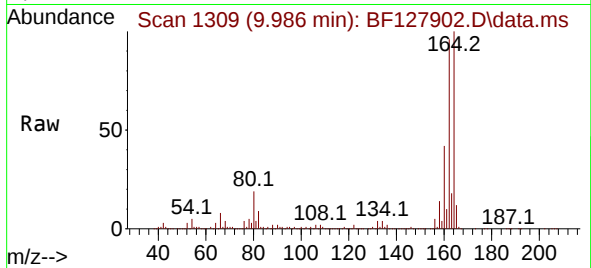




#51
2,6-Dinitrotoluene
Concen: 9.490 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

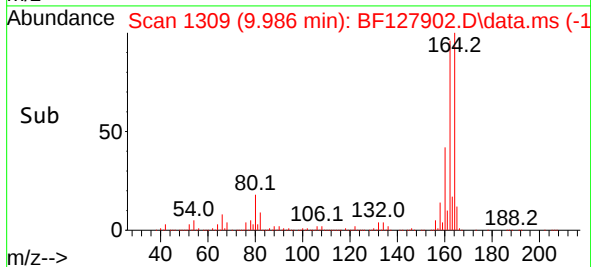
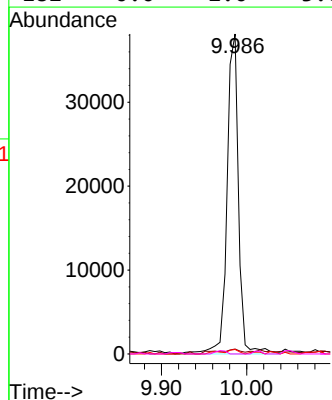
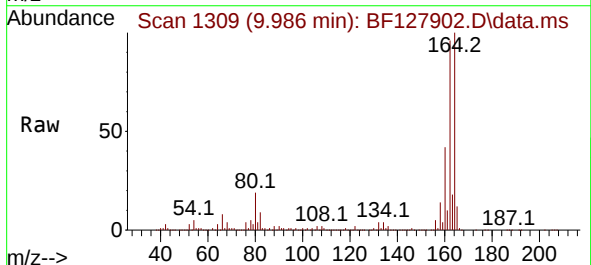
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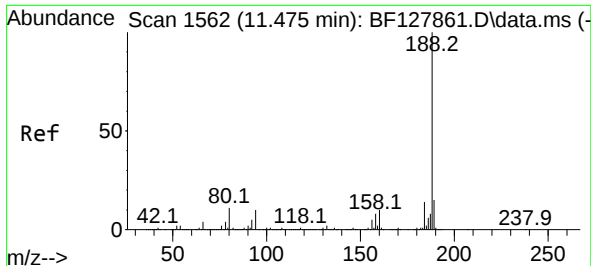
Tgt Ion:165 Resp: 35759
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:165 Resp: 35759
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

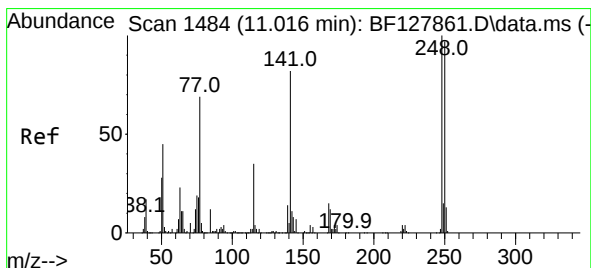
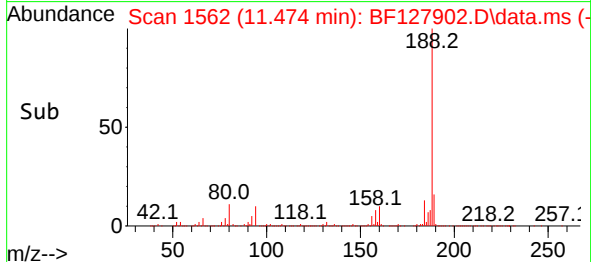
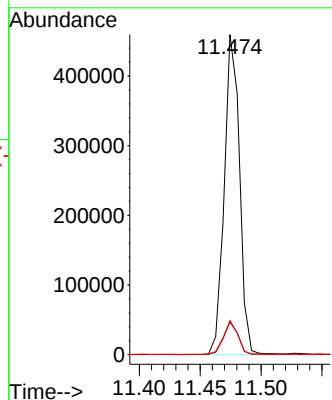
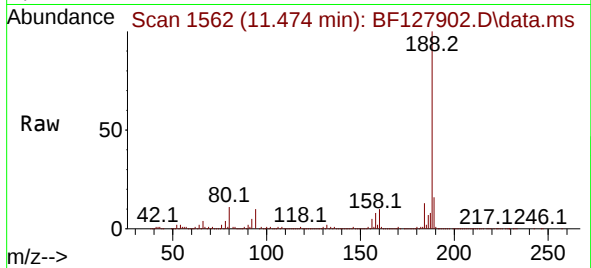




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

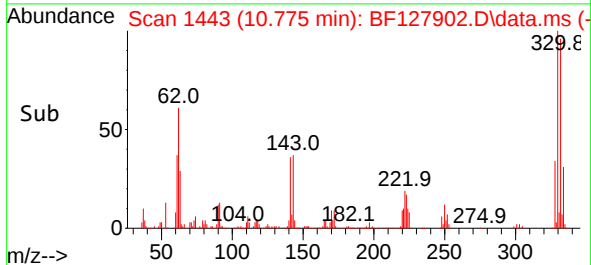
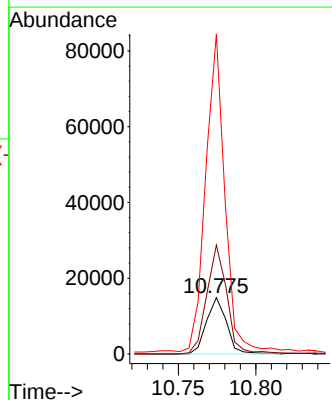
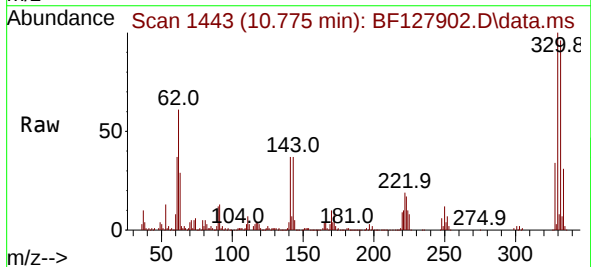
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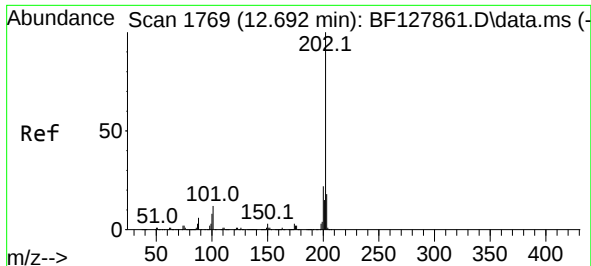
Tgt Ion:188 Resp: 401084
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.023 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:248 Resp: 13439
Ion Ratio Lower Upper
248 100
250 193.6 77.7 116.5#
141 568.3 65.6 98.4#

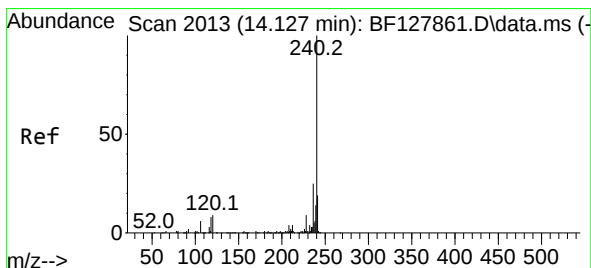
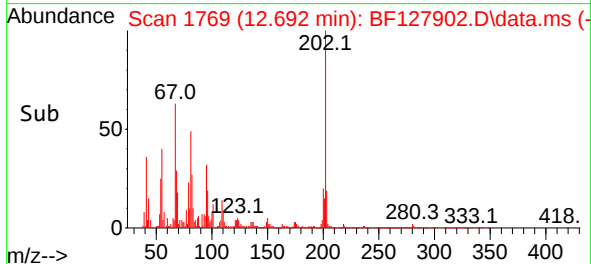
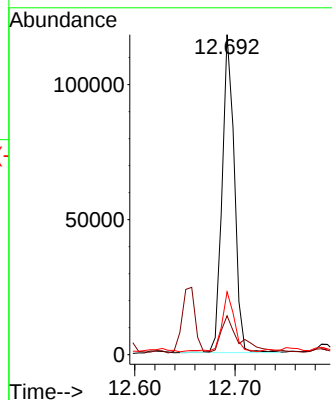
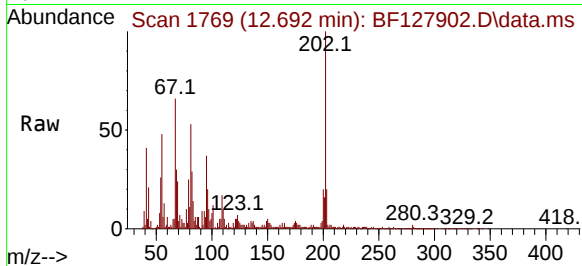




#75
Fluoranthene
Concen: 4.504 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

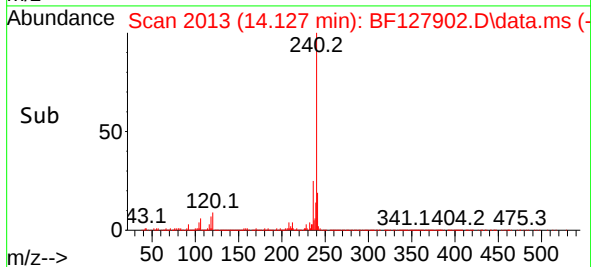
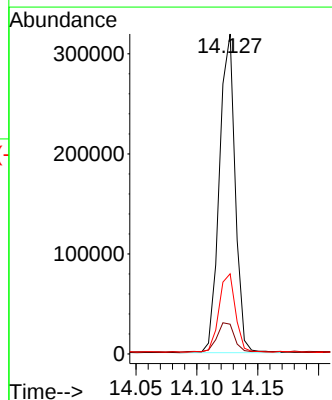
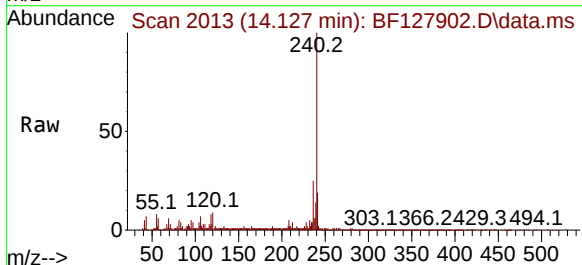
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

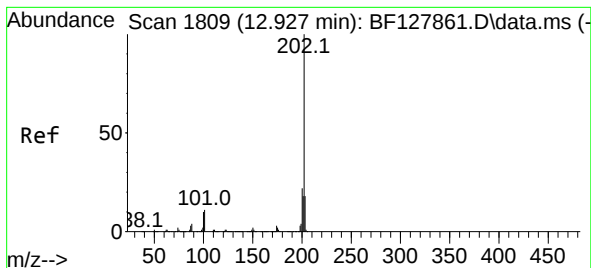
Tgt Ion:202 Resp: 99516
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.6
203 19.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:240 Resp: 288326
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.1 20.3 30.5





#78

Pyrene

Concen: 4.285 ng

RT: 12.927 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

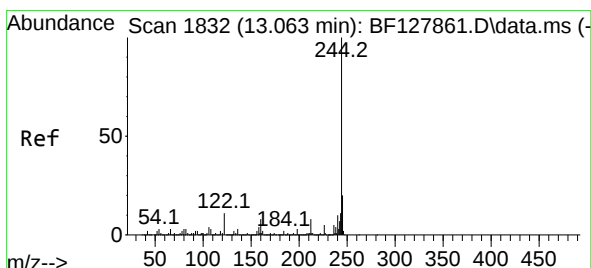
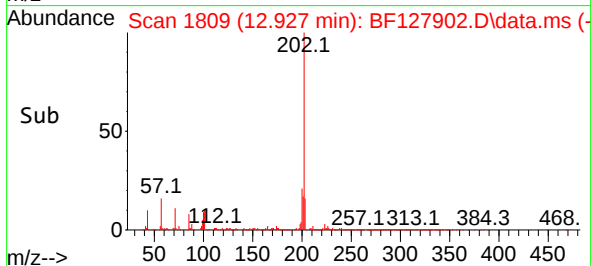
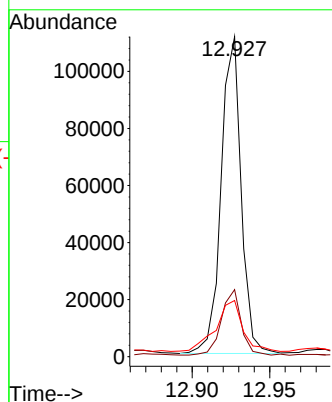
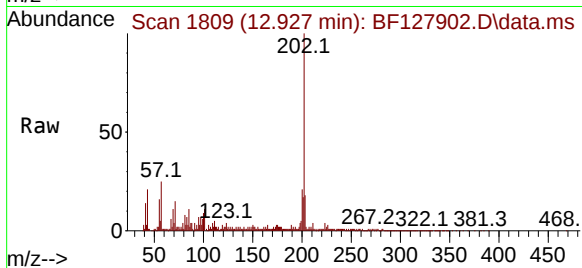
Instrument :

BNA_F

ClientSampleId :

SU-04-042122

Tgt Ion:	202	Resp:	99734
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.5	14.0	21.0



#79

Terphenyl-d14

Concen: 61.442 ng

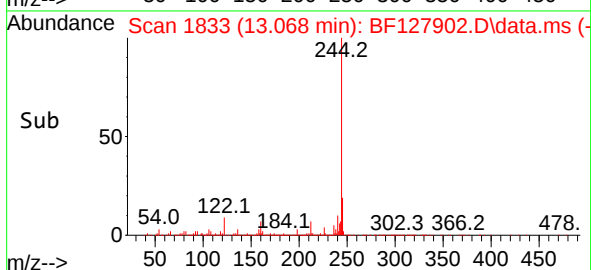
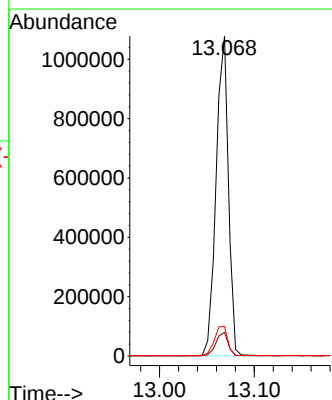
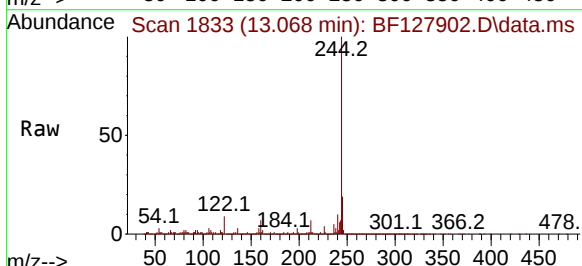
RT: 13.068 min Scan# 1833

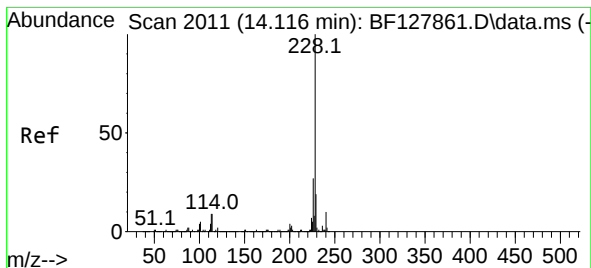
Delta R.T. 0.006 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

Tgt Ion:	244	Resp:	968814
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.4
122	9.2	8.6	12.8





#81

Benzo(a)anthracene

Concen: 2.476 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SU-04-042122

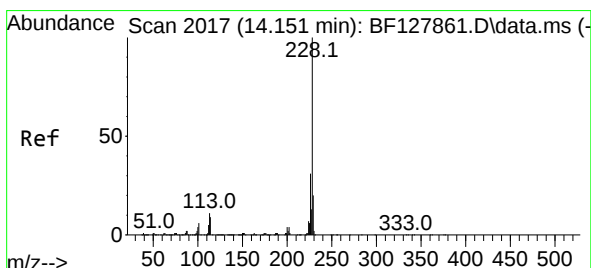
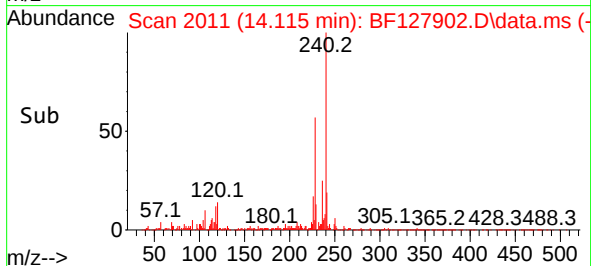
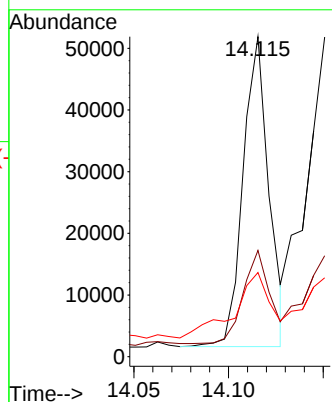
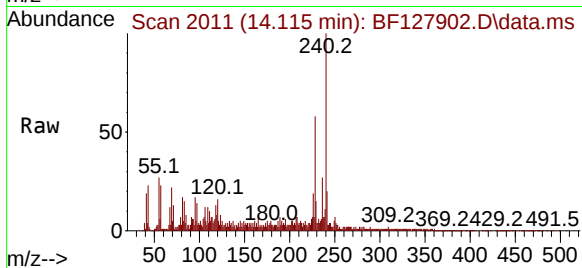
Tgt Ion:228 Resp: 47574

Ion Ratio Lower Upper

228 100

226 33.2 21.7 32.5#

229 26.3 15.4 23.2#



#83

Chrysene

Concen: 2.947 ng

RT: 14.151 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

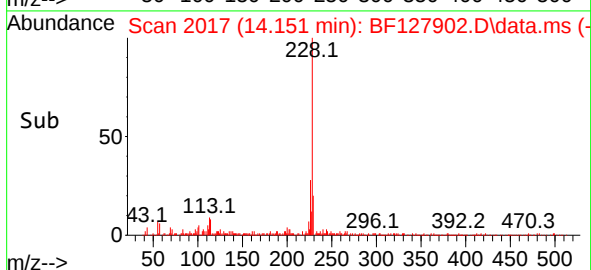
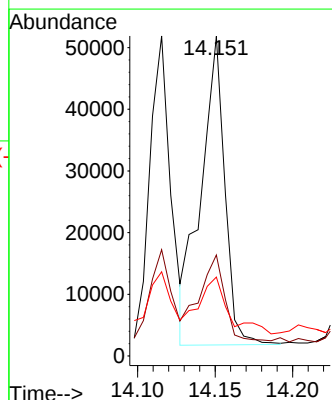
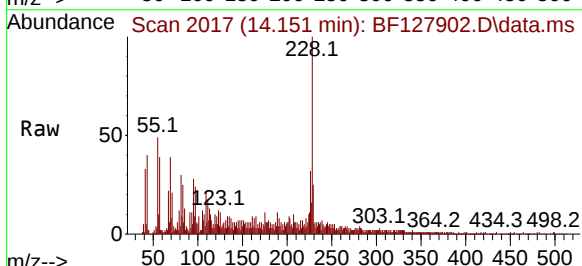
Tgt Ion:228 Resp: 54088

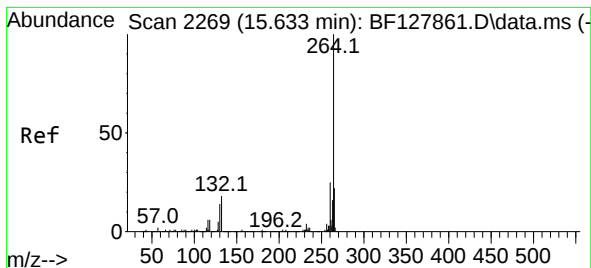
Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

229 24.7 15.8 23.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SU-04-042122

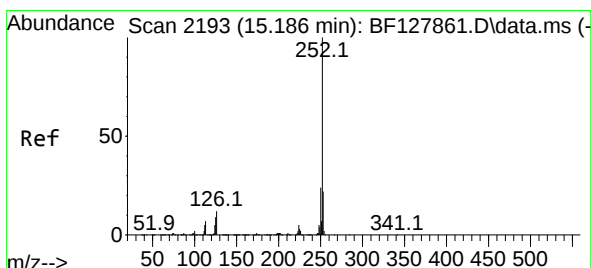
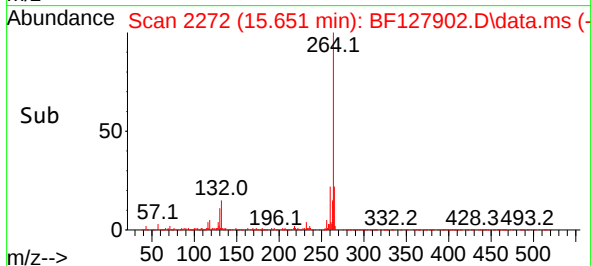
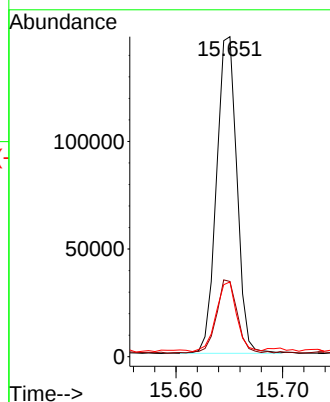
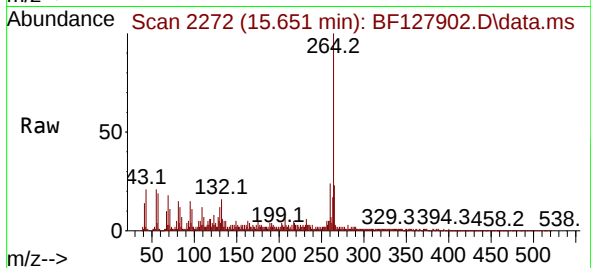
Tgt Ion:264 Resp: 195279

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 23.3 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 5.819 ng

RT: 15.192 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF127902.D

Acq: 26 Apr 2022 01:33

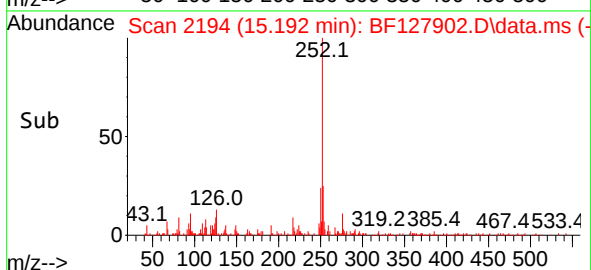
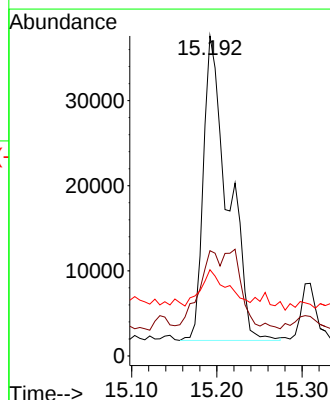
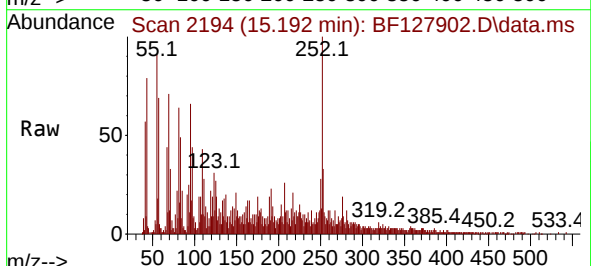
Tgt Ion:252 Resp: 71377

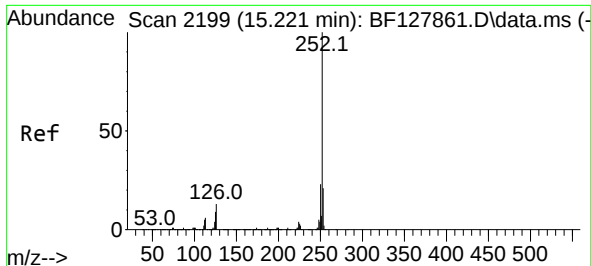
Ion Ratio Lower Upper

252 100

253 32.9 17.4 26.2#

125 26.9 7.4 11.2#

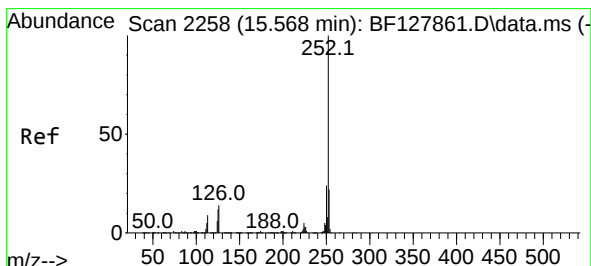
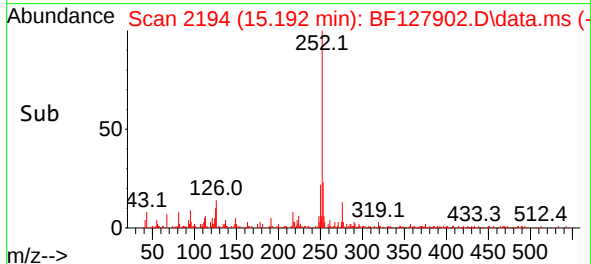
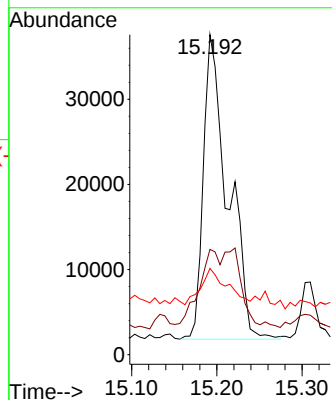
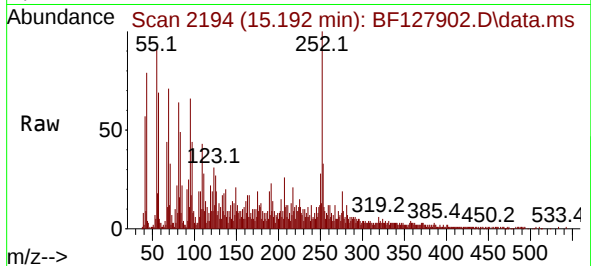




#89
Benzo(k)fluoranthene
Concen: 5.776 ng
RT: 15.192 min Scan# 2199
Delta R.T. -0.029 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

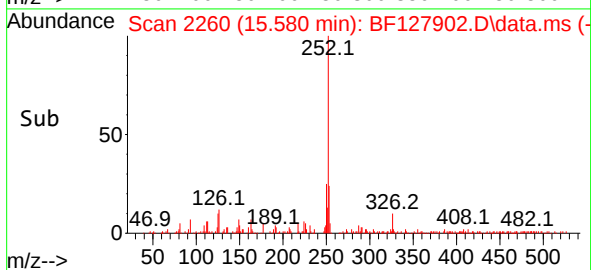
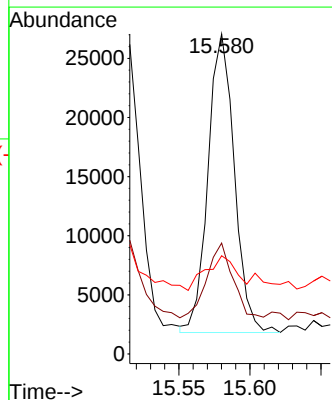
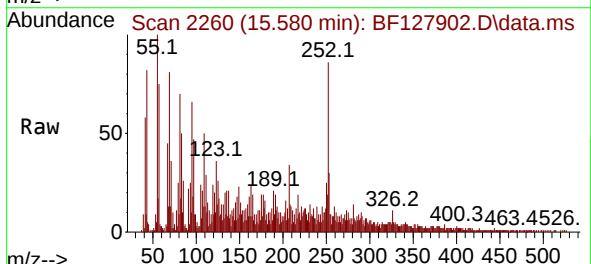
Instrument :
BNA_F
ClientSampleId :
SU-04-042122

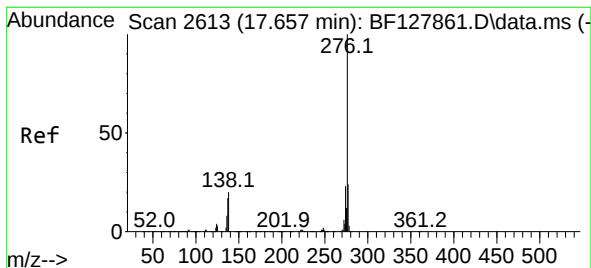
Tgt Ion:252 Resp: 71377
Ion Ratio Lower Upper
252 100
253 32.9 17.0 25.4#
125 26.9 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 3.204 ng
RT: 15.580 min Scan# 2260
Delta R.T. 0.012 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:252 Resp: 32593
Ion Ratio Lower Upper
252 100
253 34.6 17.8 26.6#
125 30.7 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 2.206 ng

RT: 17.674 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF127902.D

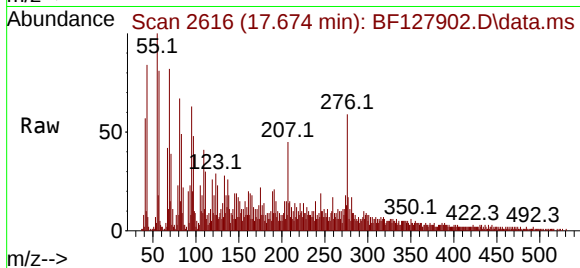
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SU-04-042122



Tgt Ion:276 Resp: 24300

Ion Ratio Lower Upper

276 100

277 29.4 18.8 28.2#

138 30.9 16.2 24.2#

