

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127936.D
 Acq On : 27 Apr 2022 02:27
 Operator : CG\JU
 Sample : N2567-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2R

Quant Time: Apr 27 03:21:33 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)

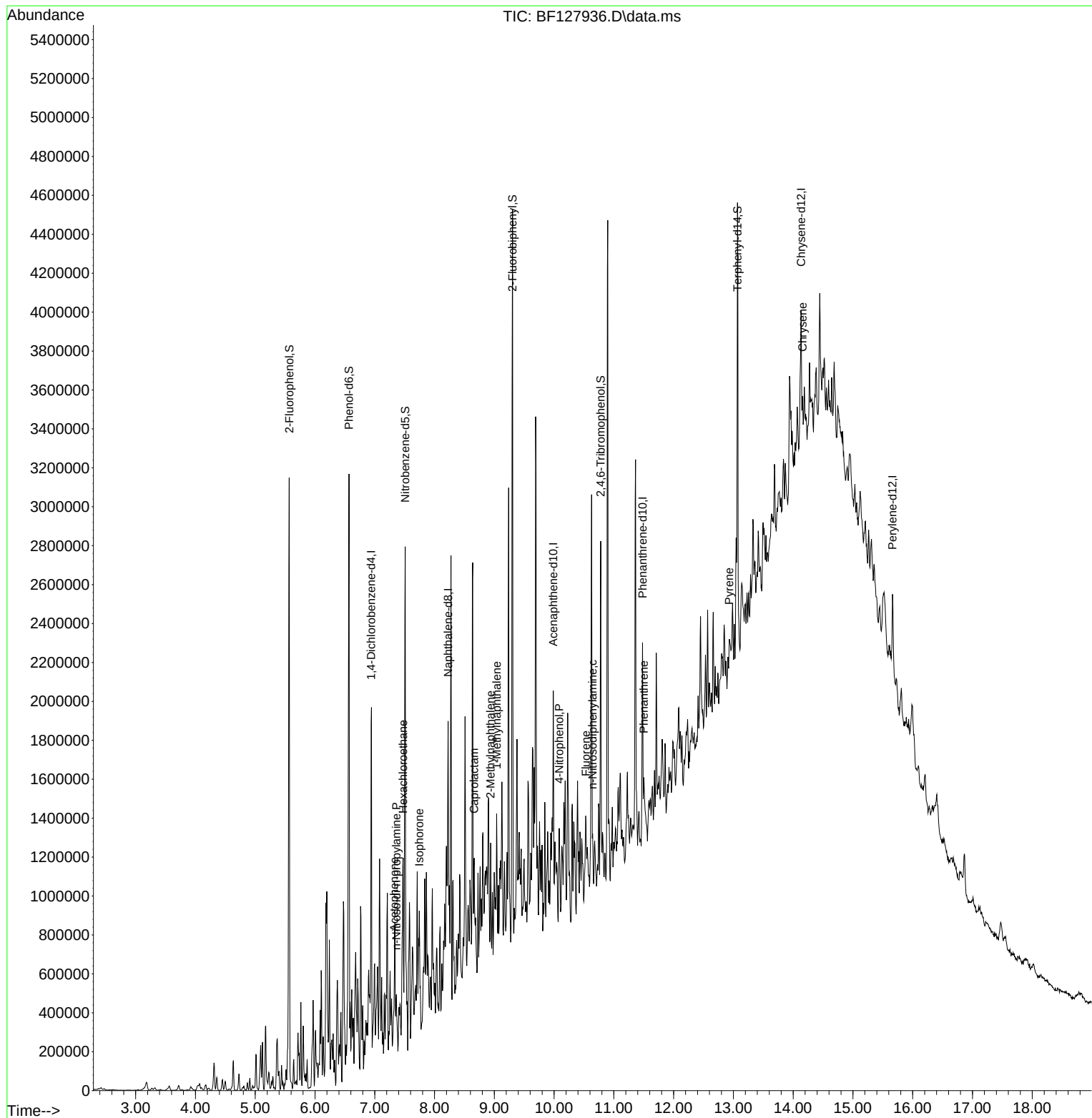
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	126322	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	455797	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	223669	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	316561	20.000	ng	0.00
76) Chrysene-d12	14.133	240	209217	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	173487	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	805416	101.554	ng	0.00
7) Phenol-d6	6.569	99	1055416	102.558	ng	0.00
23) Nitrobenzene-d5	7.510	82	739814	76.326	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	212858	94.536	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1114971	84.332	ng	0.00
79) Terphenyl-d14	13.068	244	872313	76.240	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.475	117	24662	7.093	ng	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	18192	2.888	ng	# 66
22) Acetophenone	7.328	105	51832	4.666	ng	# 57
25) Isophorone	7.745	82	32963	2.021	ng	# 1
35) Caprolactam	8.663	113	4870	2.178	ng	# 1
37) 2-Methylnaphthalene	8.939	142	131304	8.558	ng	98
38) 1-Methylnaphthalene	9.039	142	148187	9.937	ng	100
56) 4-Nitrophenol	10.086	139	12433	4.515	ng	# 38
58) Fluorene	10.533	166	29929	2.143	ng	# 88
66) n-Nitrosodiphenylamine	10.645	169	43334	4.399	ng	# 46
71) Phenanthrene	11.504	178	72915	4.400	ng	# 93
78) Pyrene	12.927	202	46765	2.769	ng	# 82
83) Chrysene	14.157	228	35208	2.644	ng	# 56

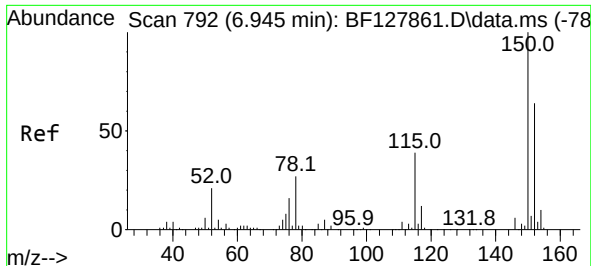
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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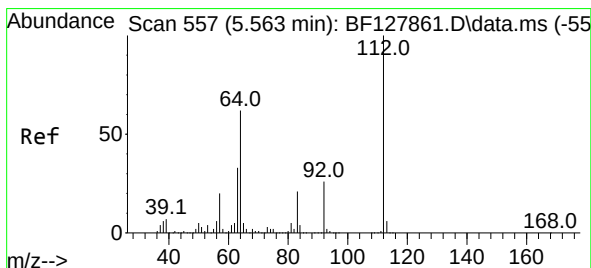
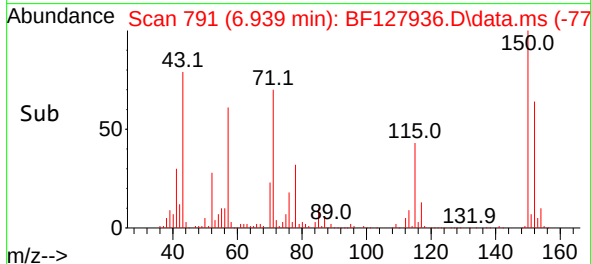
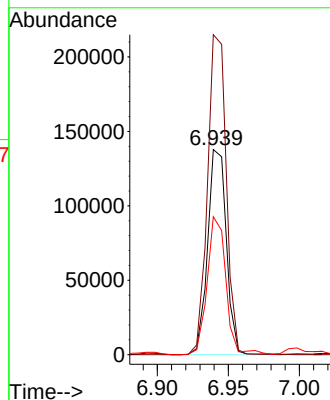
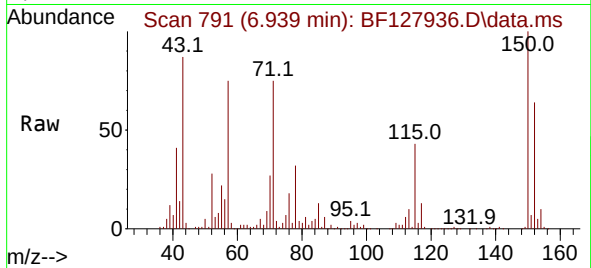




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

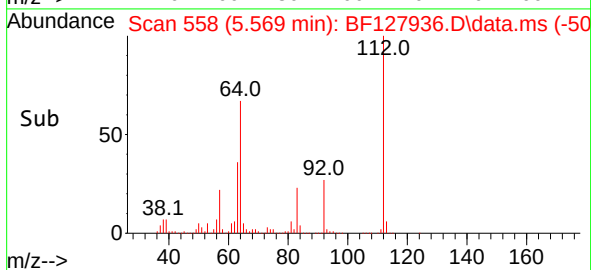
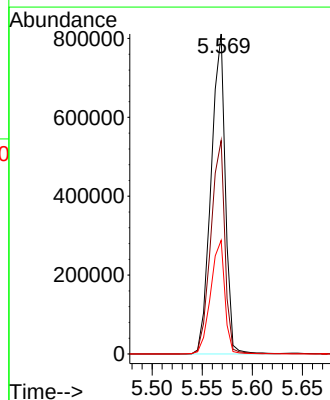
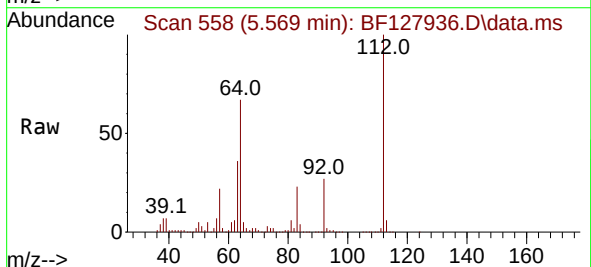
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

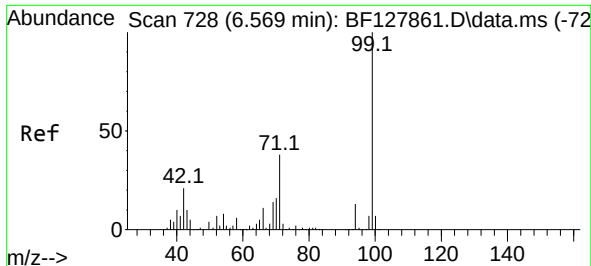
Tgt Ion:152 Resp: 126322
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 67.3 48.8 73.2



#5
2-Fluorophenol
Concen: 101.554 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:112 Resp: 805416
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 35.5 26.3 39.5

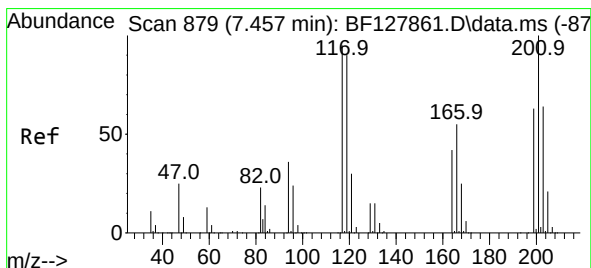
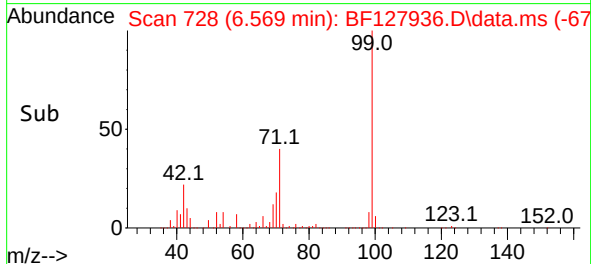
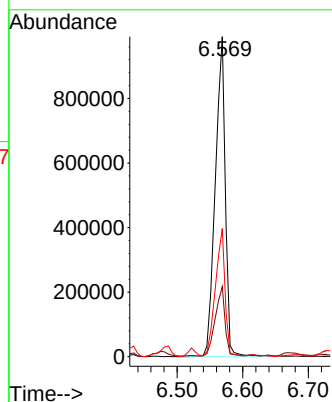
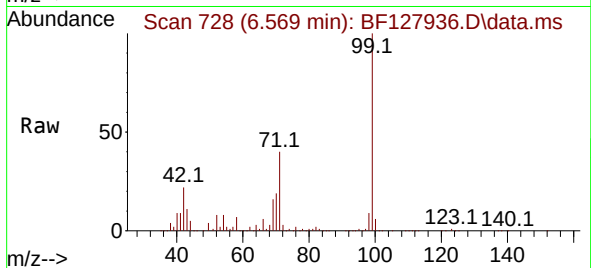




#7
Phenol-d6
Concen: 102.558 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

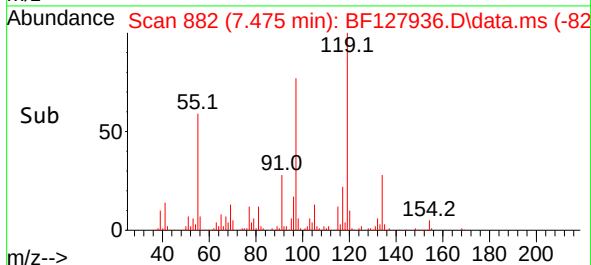
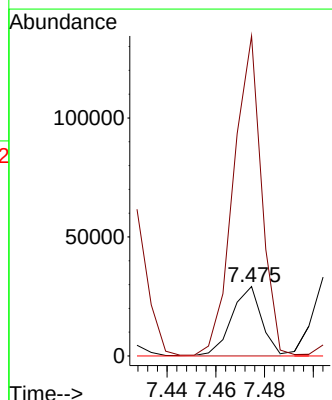
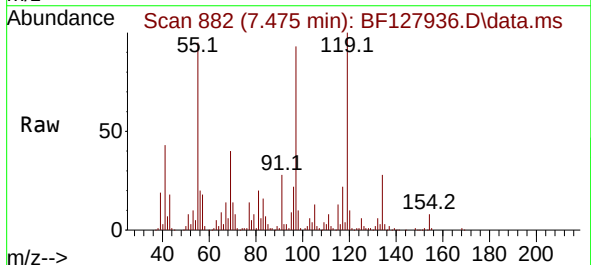
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

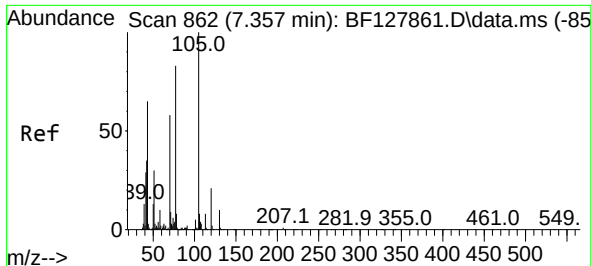
Tgt Ion: 99 Resp: 1055416
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.1 30.0 45.0



#18
Hexachloroethane
Concen: 7.093 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.017 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion: 117 Resp: 24662
Ion Ratio Lower Upper
117 100
119 460.5 76.2 114.4#
201 0.0 84.4 126.6#



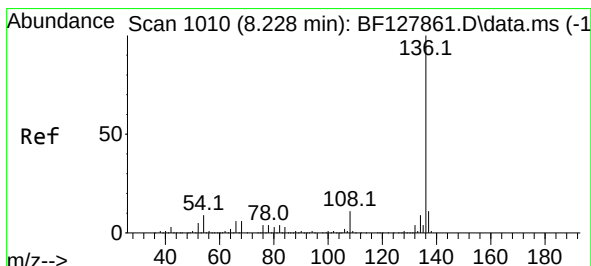
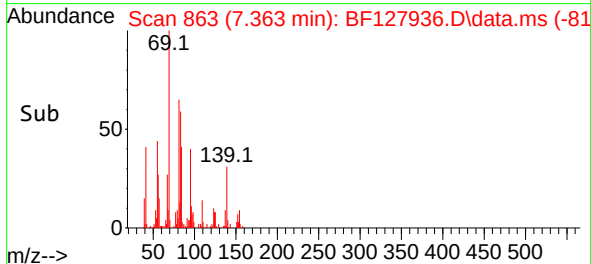
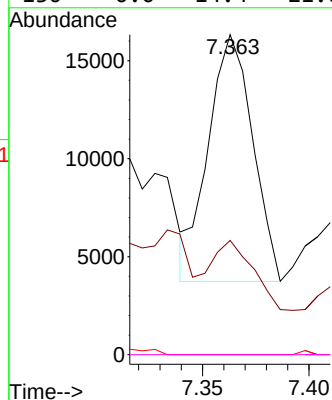
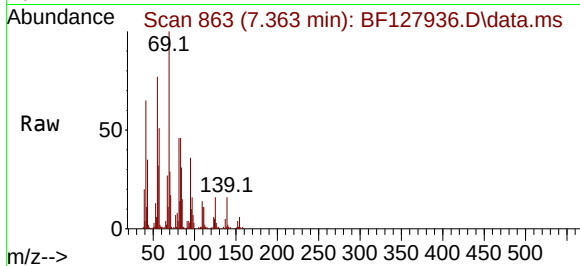


#19
n-Nitroso-di-n-propylamine
Concen: 2.888 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

Tgt Ion: 70 Resp: 18192

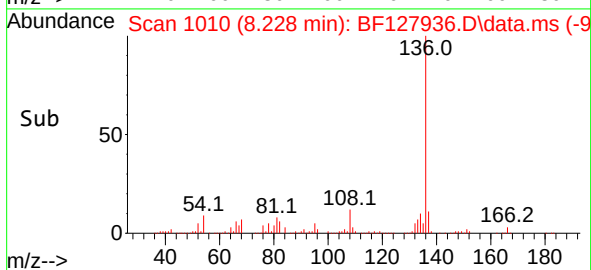
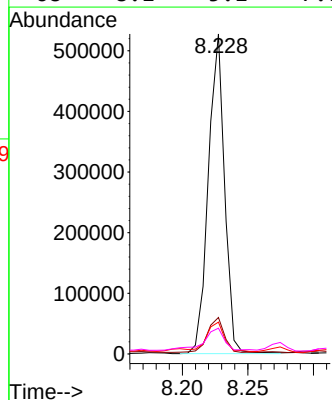
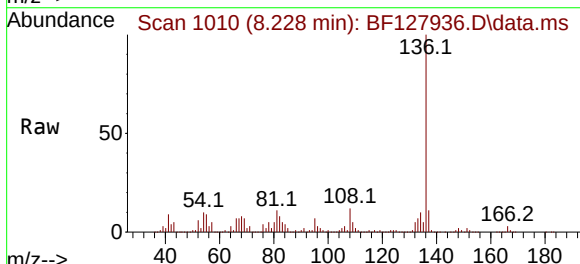
Ion	Ratio	Lower	Upper
70	100		
42	35.7	48.7	73.1#
101	0.0	7.2	10.8#
130	0.0	14.4	21.6#

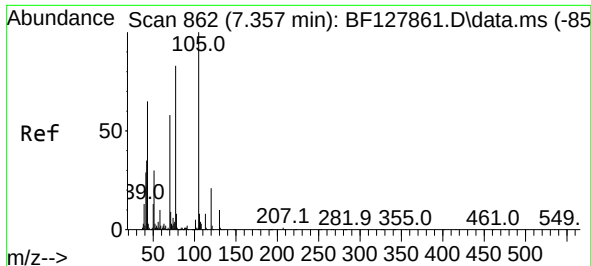


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion: 136 Resp: 455797

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.9	6.8	10.2
68	8.1	5.1	7.7#

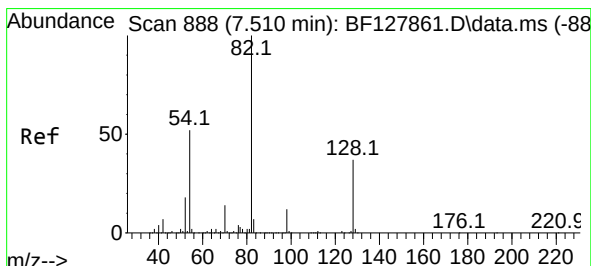
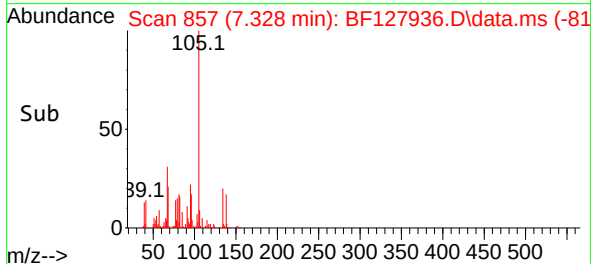
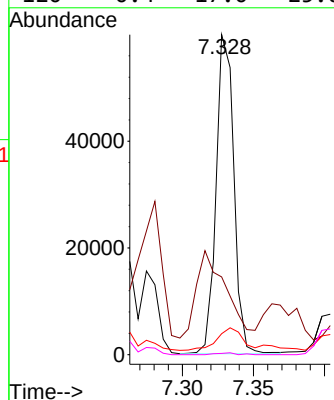
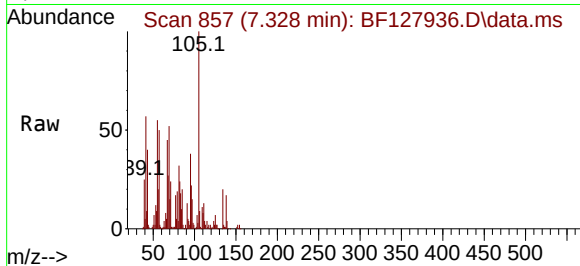




#22
Acetophenone
Concen: 4.666 ng
RT: 7.328 min Scan# 811
Delta R.T. -0.030 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

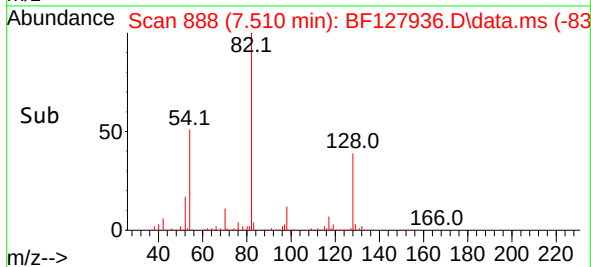
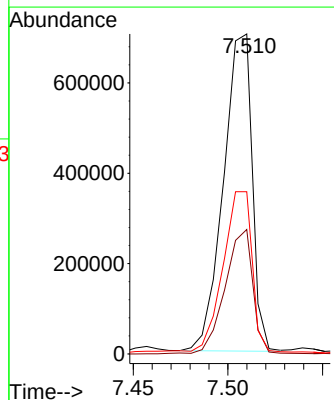
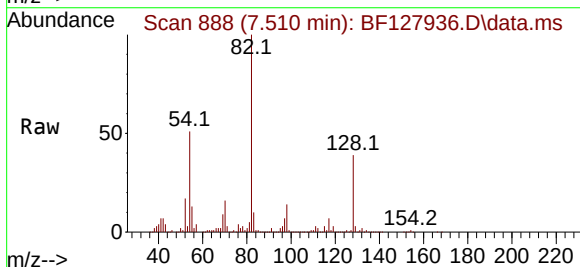
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

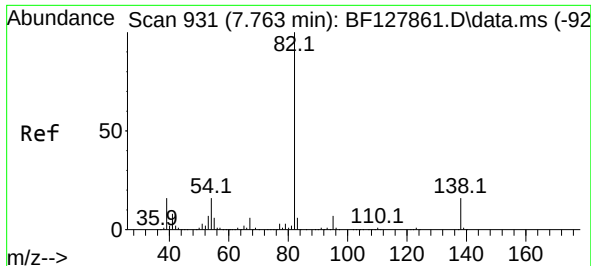
Tgt Ion:	105	Resp:	51832
Ion	Ratio	Lower	Upper
105	100		
71	24.3	7.3	10.9#
51	6.5	23.7	35.5#
120	0.4	17.0	25.6#



#23
Nitrobenzene-d5
Concen: 76.326 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:	82	Resp:	739814
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.0	45.0
54	50.7	41.3	61.9

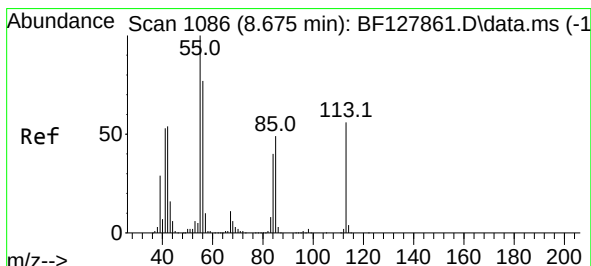
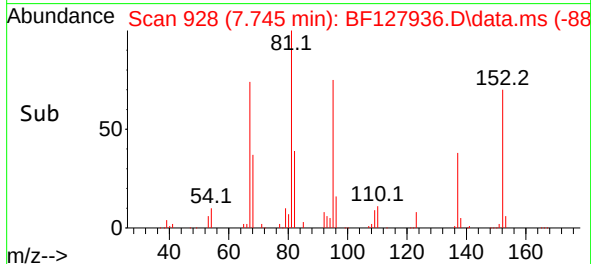
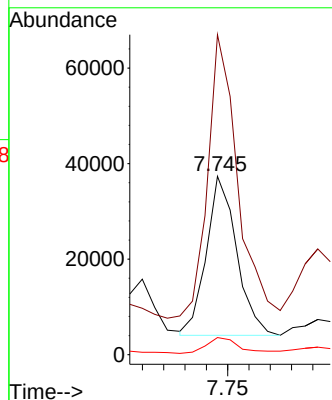
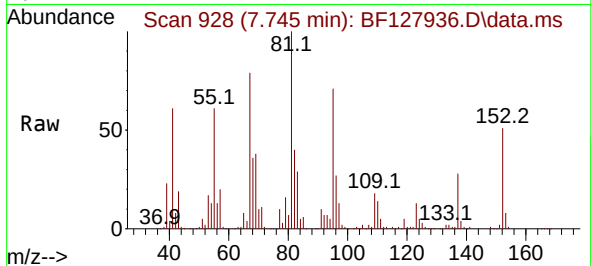




#25
Isophorone
Concen: 2.021 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

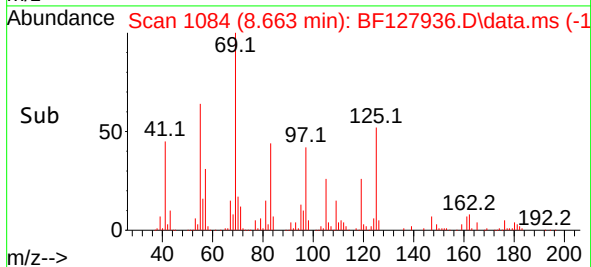
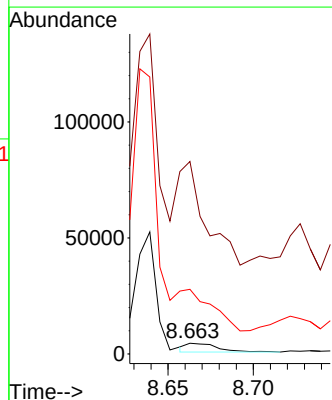
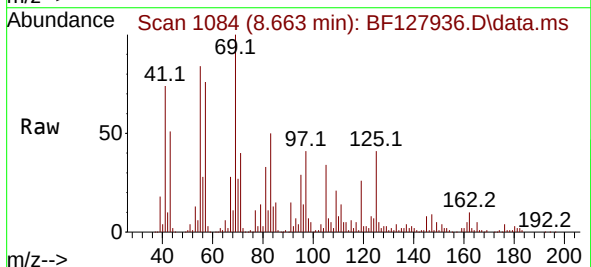
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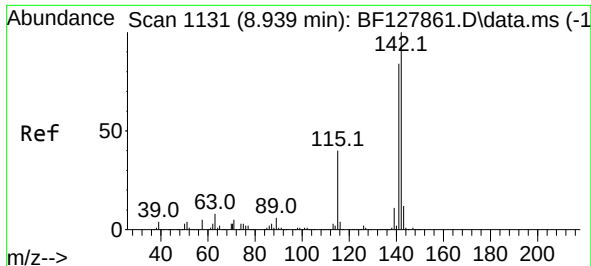
Tgt Ion: 82 Resp: 32963
Ion Ratio Lower Upper
82 100
95 179.4 5.6 8.4#
138 9.6 12.5 18.7#



#35
Caprolactam
Concen: 2.178 ng
RT: 8.663 min Scan# 1084
Delta R.T. -0.012 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion: 113 Resp: 4870
Ion Ratio Lower Upper
113 100
55 1791.9 157.4 197.4#
56 601.2 116.1 156.1#

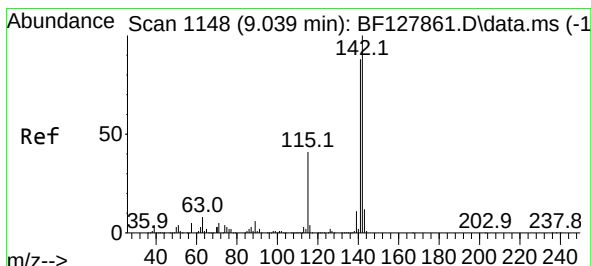
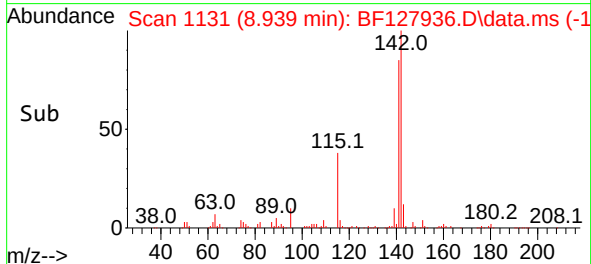
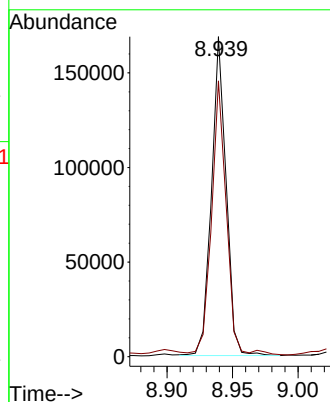
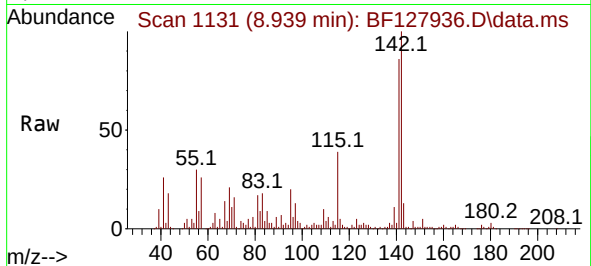




#37
2-Methylnaphthalene
Concen: 8.558 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

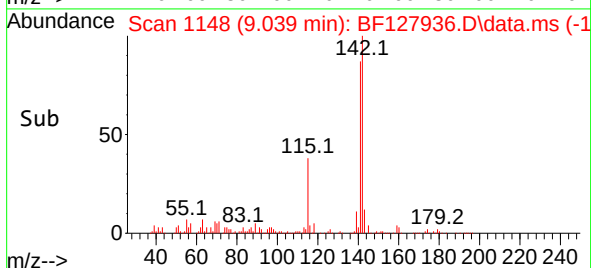
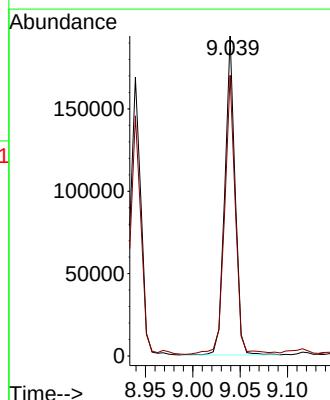
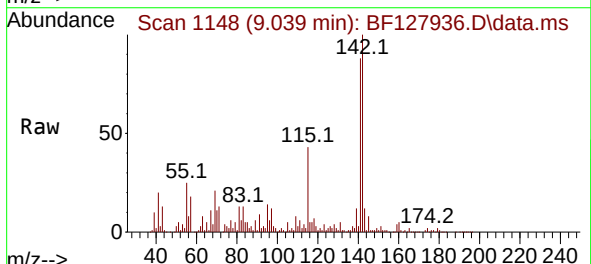
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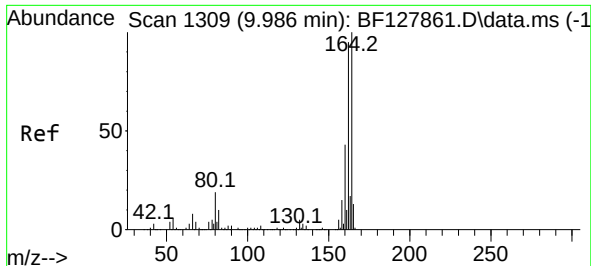
Tgt Ion:142 Resp: 131304
Ion Ratio Lower Upper
142 100
141 86.2 67.4 101.2



#38
1-Methylnaphthalene
Concen: 9.937 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:142 Resp: 148187
Ion Ratio Lower Upper
142 100
141 87.7 70.1 105.1

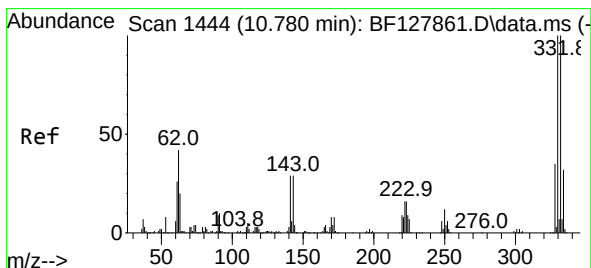
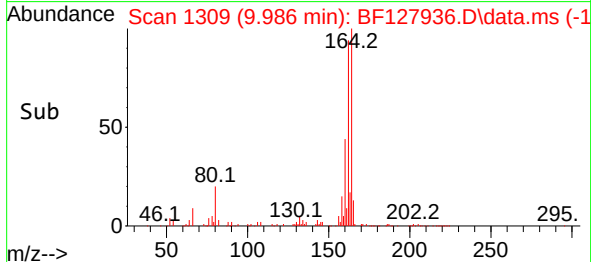
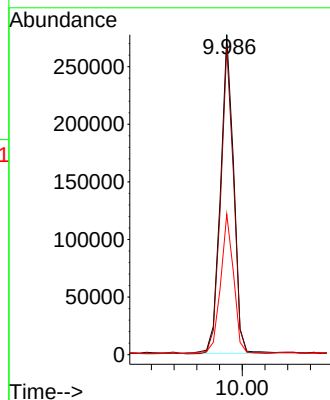
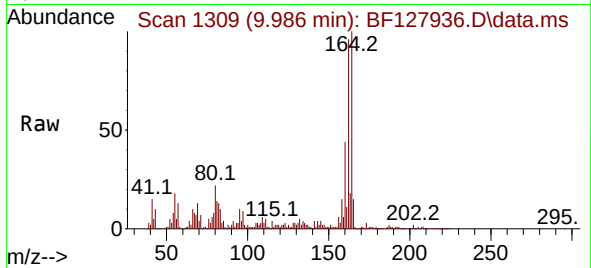




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

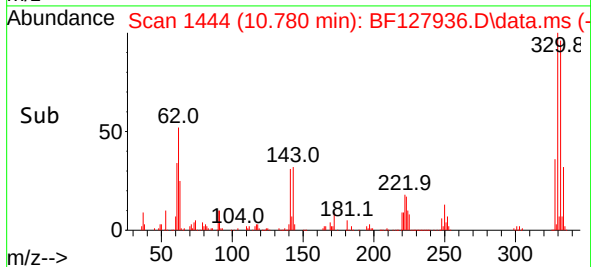
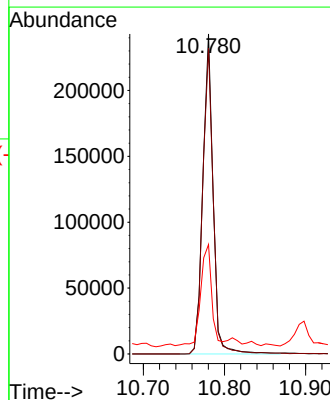
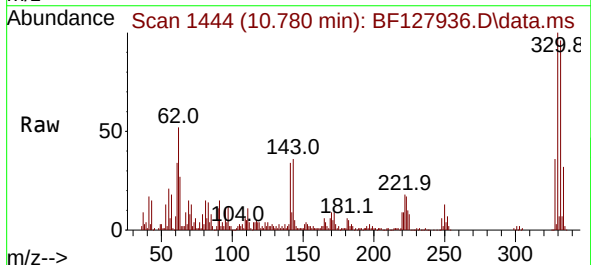
Instrument :
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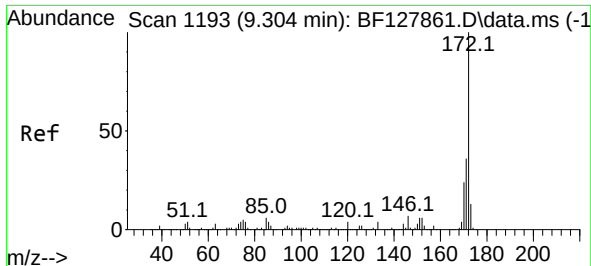
Tgt Ion:164 Resp: 223669
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 44.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 94.536 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:330 Resp: 212858
Ion Ratio Lower Upper
330 100
332 97.8 79.0 118.4
141 33.7 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 84.332 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF127936.D

Acq: 27 Apr 2022 02:27

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-2R

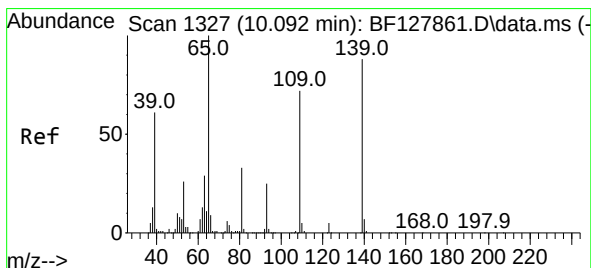
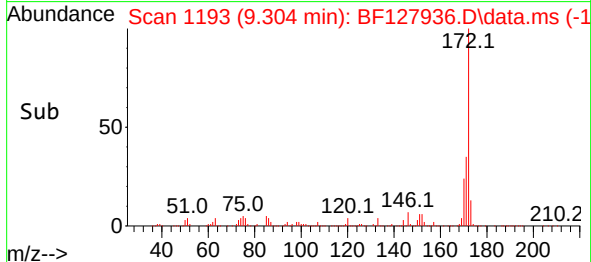
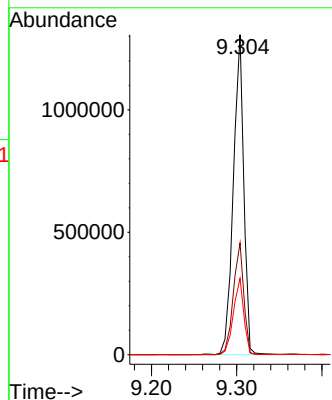
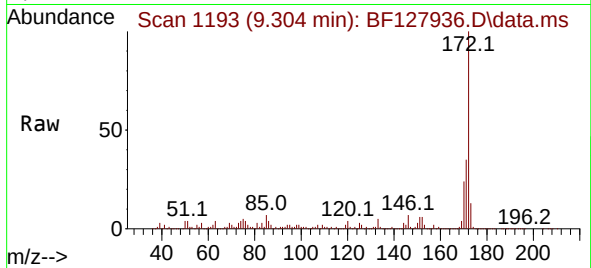
Tgt Ion:172 Resp: 1114971

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.8 19.1 28.7



#56

4-Nitrophenol

Concen: 4.515 ng

RT: 10.086 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF127936.D

Acq: 27 Apr 2022 02:27

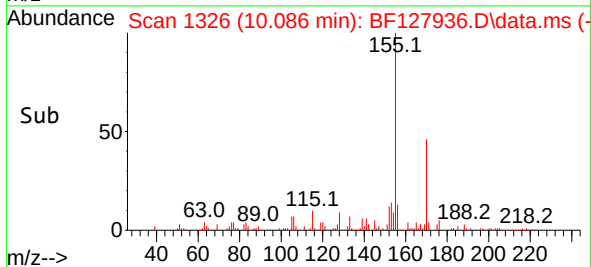
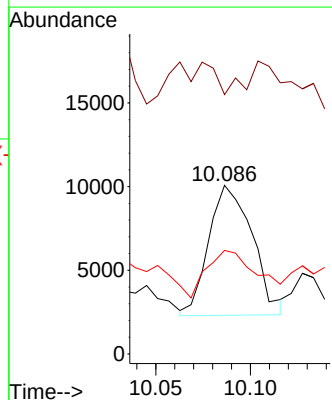
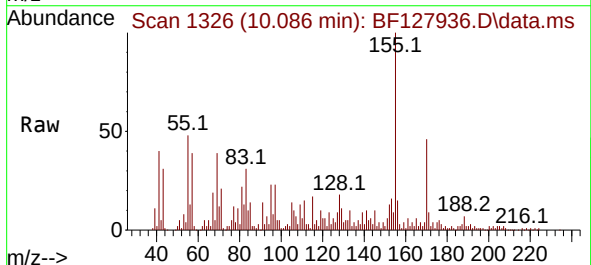
Tgt Ion:139 Resp: 12433

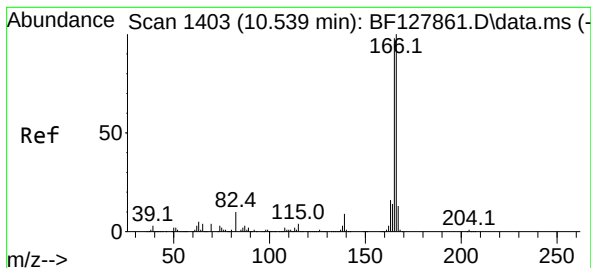
Ion Ratio Lower Upper

139 100

109 153.8 61.9 101.9#

65 61.4 93.5 133.5#





#58

Fluorene

Concen: 2.143 ng

RT: 10.533 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF127936.D

Acq: 27 Apr 2022 02:27

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-2R

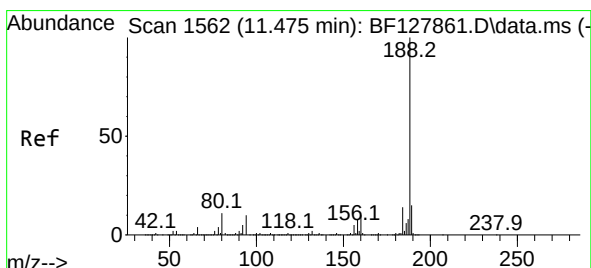
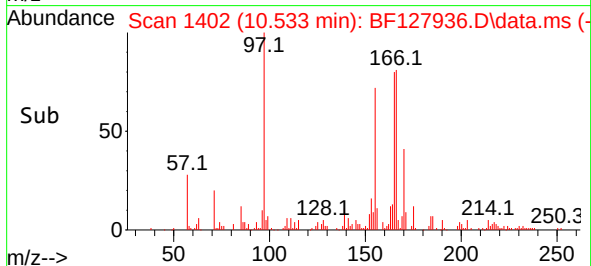
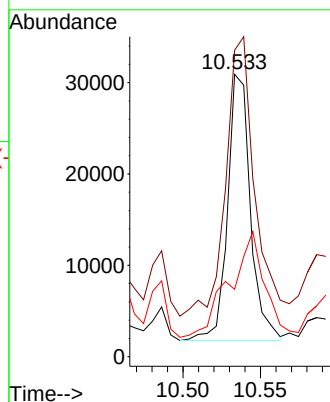
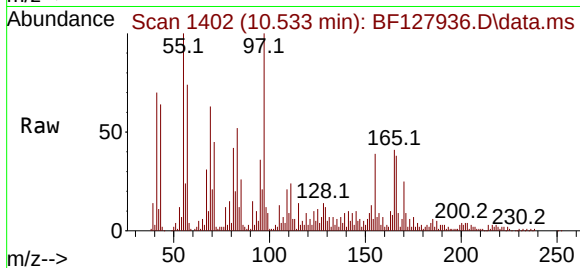
Tgt Ion:166 Resp: 29929

Ion Ratio Lower Upper

166 100

165 108.5 78.6 117.8

167 23.9 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1563

Delta R.T. 0.006 min

Lab File: BF127936.D

Acq: 27 Apr 2022 02:27

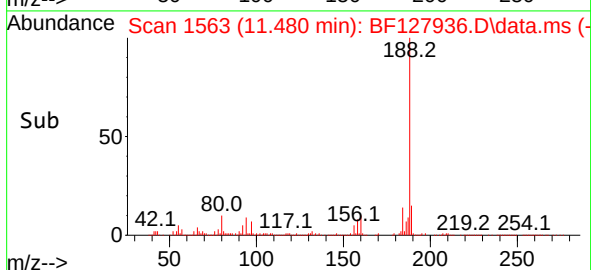
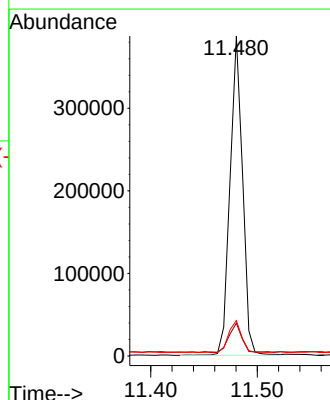
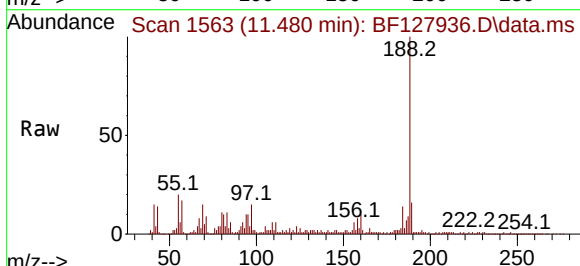
Tgt Ion:188 Resp: 316561

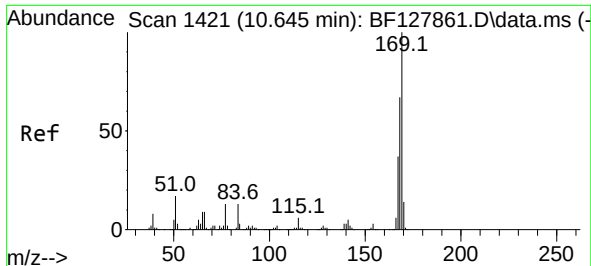
Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

80 11.0 8.9 13.3

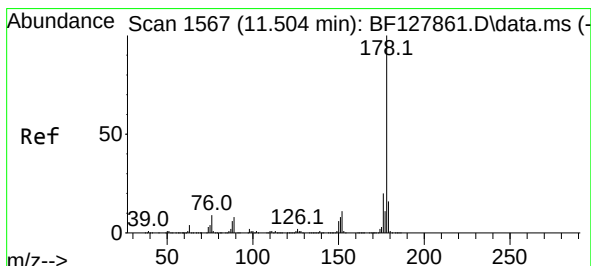
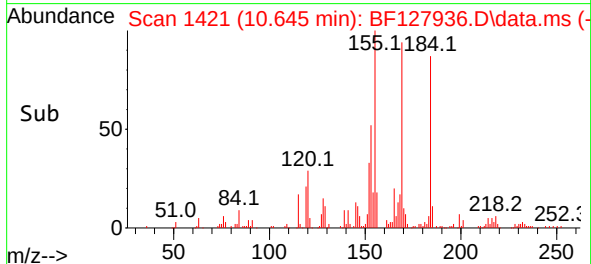
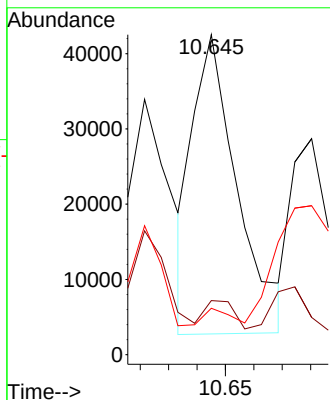
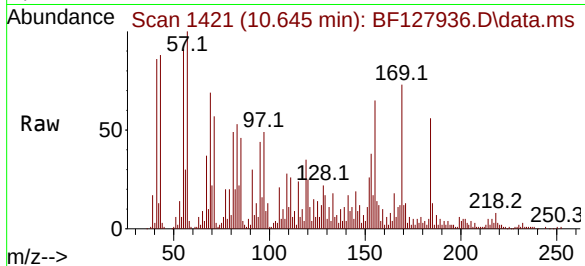




#66
n-Nitrosodiphenylamine
Concen: 4.399 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

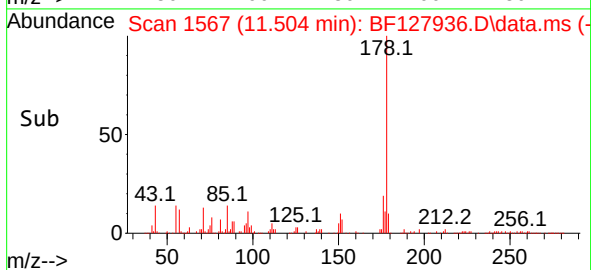
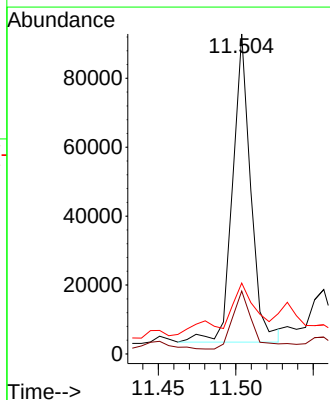
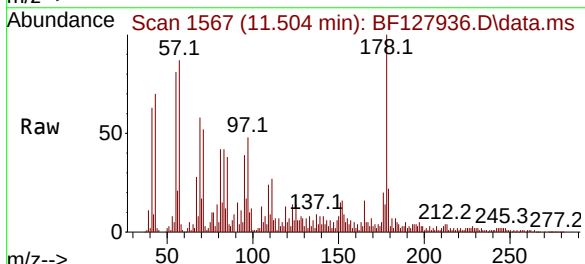
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

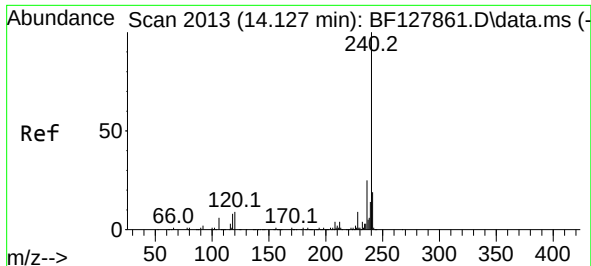
Tgt Ion:169 Resp: 43334
Ion Ratio Lower Upper
169 100
168 16.9 53.8 80.6#
167 14.5 29.5 44.3#



#71
Phenanthrene
Concen: 4.400 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:178 Resp: 72915
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 22.2 12.6 19.0#

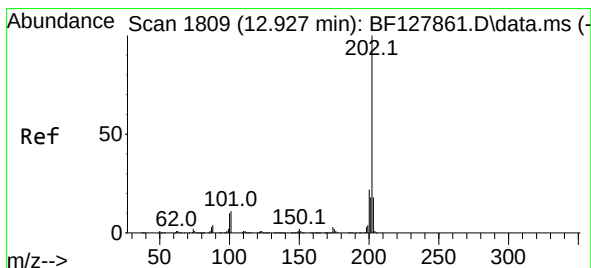
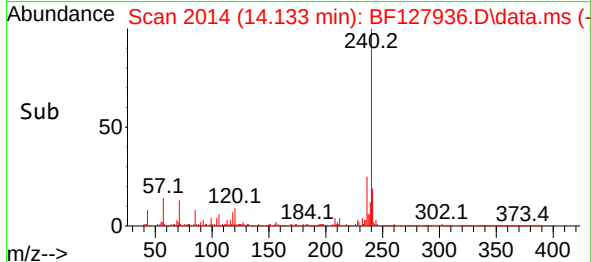
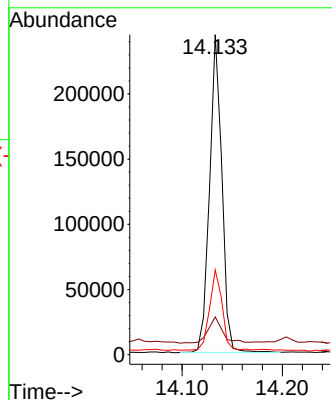
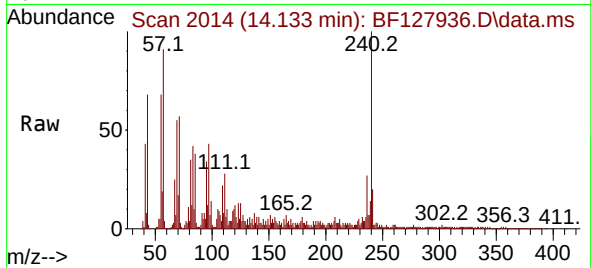




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

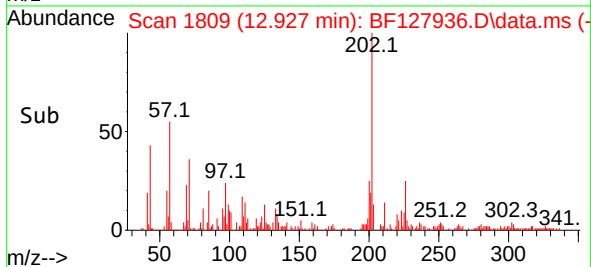
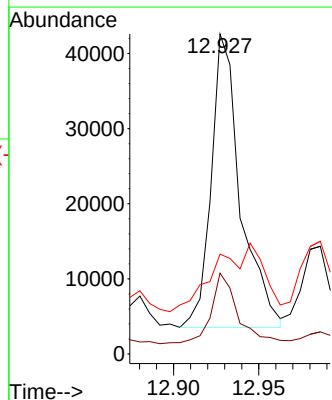
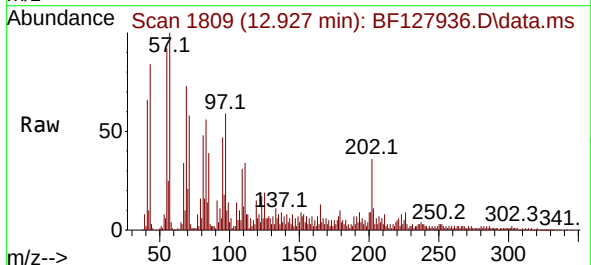
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R

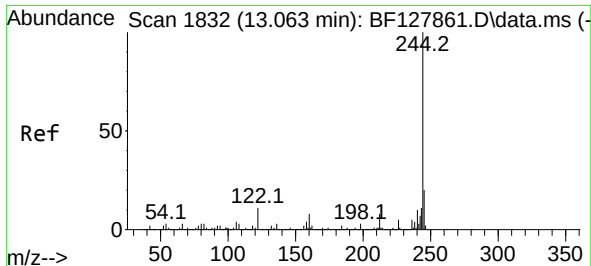
Tgt Ion:240 Resp: 209217
Ion Ratio Lower Upper
240 100
120 11.8 7.0 10.6#
236 26.5 20.3 30.5



#78
Pyrene
Concen: 2.769 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Tgt Ion:202 Resp: 46765
Ion Ratio Lower Upper
202 100
200 25.3 17.4 26.2
203 31.2 14.0 21.0#

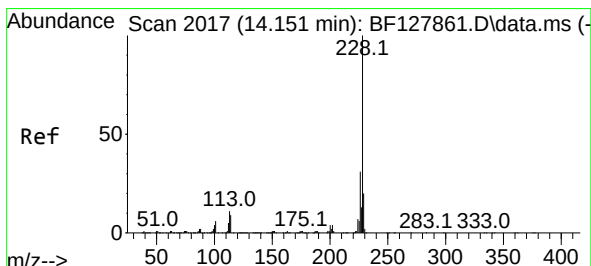
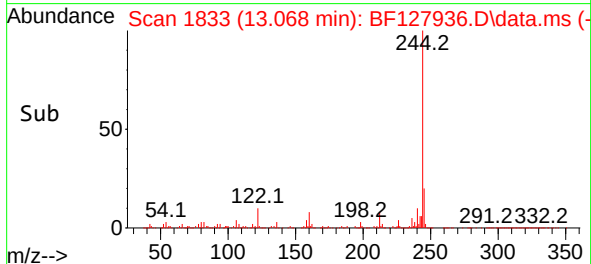
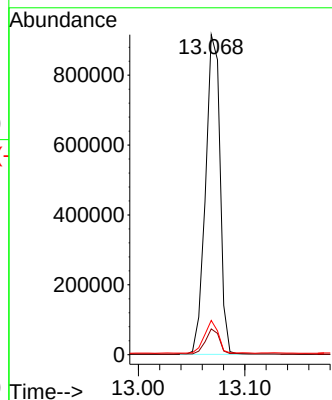
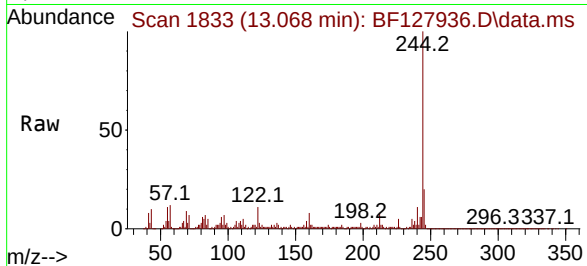




#79
 Terphenyl-d14
 Concen: 76.240 ng
 RT: 13.068 min Scan# 1832
 Delta R.T. 0.006 min
 Lab File: BF127936.D
 Acq: 27 Apr 2022 02:27

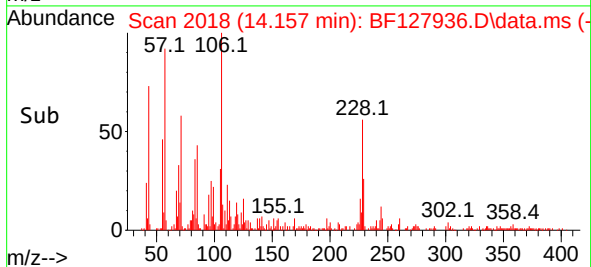
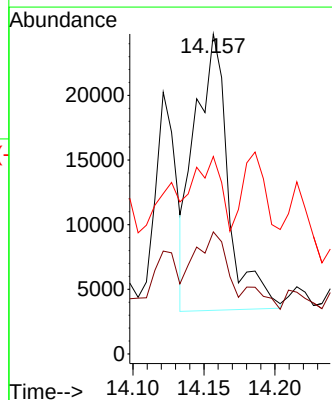
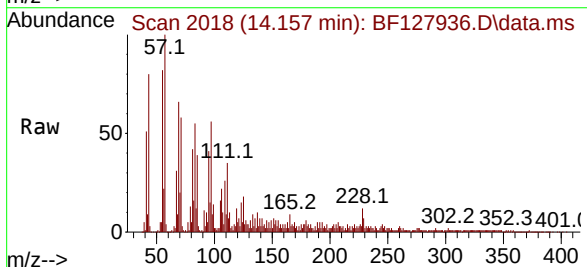
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2R

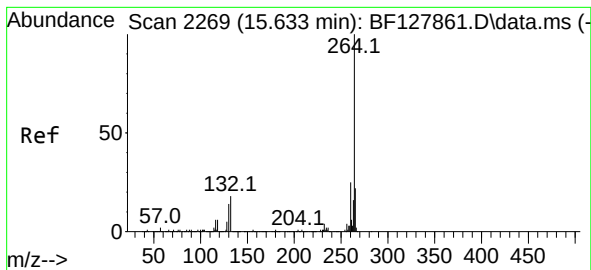
Tgt Ion:244 Resp: 872313
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 10.7 8.6 12.8



#83
 Chrysene
 Concen: 2.644 ng
 RT: 14.157 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BF127936.D
 Acq: 27 Apr 2022 02:27

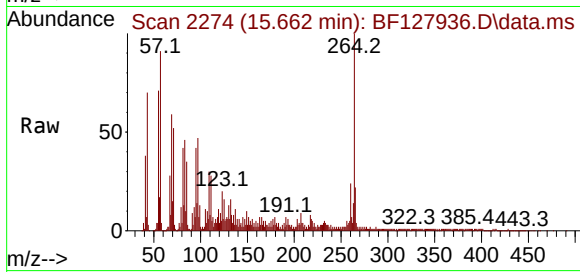
Tgt Ion:228 Resp: 35208
 Ion Ratio Lower Upper
 228 100
 226 38.1 24.4 36.6#
 229 61.7 15.8 23.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF127936.D
Acq: 27 Apr 2022 02:27

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2R



Tgt Ion:264 Resp: 173487

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.8	17.5	26.3

