

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127930.D
 Acq On : 26 Apr 2022 23:35
 Operator : CG\JU
 Sample : N2553-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 370

Quant Time: Apr 27 01:49:47 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)

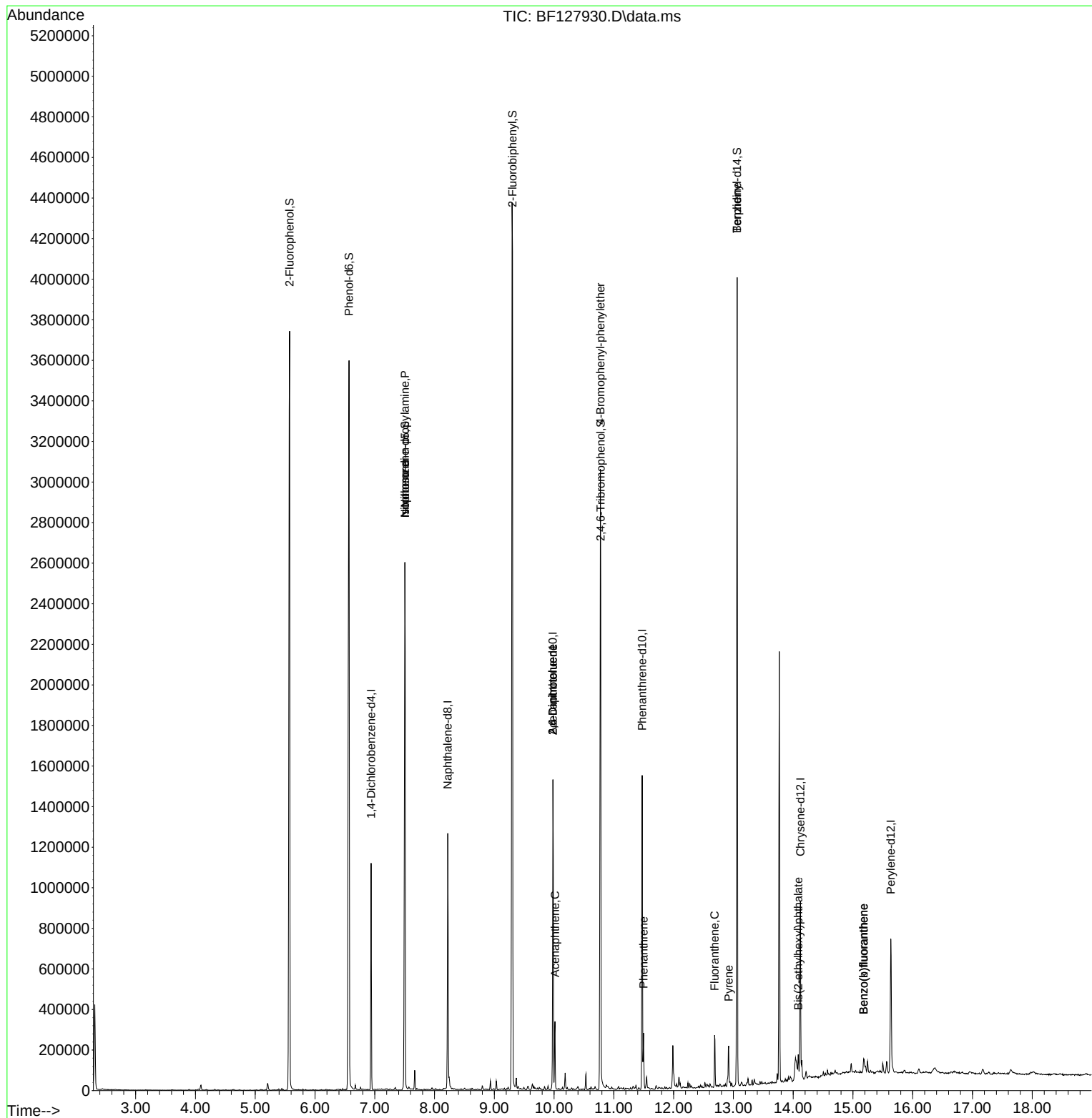
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	138295	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	549164	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	311811	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	525001	20.000	ng	0.00
76) Chrysene-d12	14.121	240	298097	20.000	ng	0.00
86) Perylene-d12	15.633	264	312338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1049064	120.824	ng	0.01
7) Phenol-d6	6.569	99	1382094	122.675	ng	0.00
23) Nitrobenzene-d5	7.504	82	1023374	87.630	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	391316	124.666	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1565967	84.962	ng	0.00
79) Terphenyl-d14	13.063	244	1334397	81.853	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	139699	20.256	ng	# 80
25) Isophorone	7.504	82	1023283	52.061	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	40930	9.040	ng	# 22
52) Acenaphthene	10.016	154	69580	3.848	ng	98
57) 2,4-Dinitrotoluene	9.980	165	40930	6.825	ng	# 26
67) 4-Bromophenyl-phenylether	10.774	248	24386	4.190	ng	# 1
71) Phenanthrene	11.498	178	88812	3.232	ng	99
75) Fluoranthene	12.686	202	100125	3.462	ng	98
77) Benzidine	13.063	184	18684	3.313	ng	# 91
78) Pyrene	12.921	202	81341	3.380	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	25180	2.013	ng	97
88) Benzo(b)fluoranthene	15.180	252	54099	2.758	ng	# 94
89) Benzo(k)fluoranthene	15.180	252	54099	2.737	ng	# 93

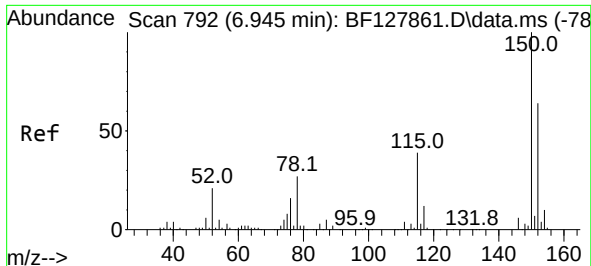
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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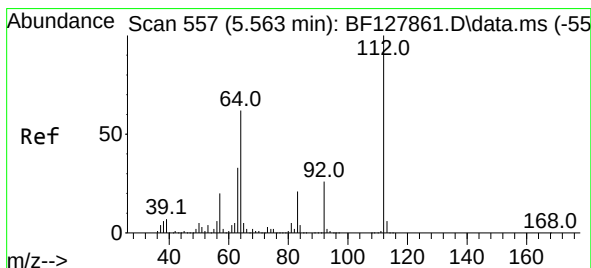
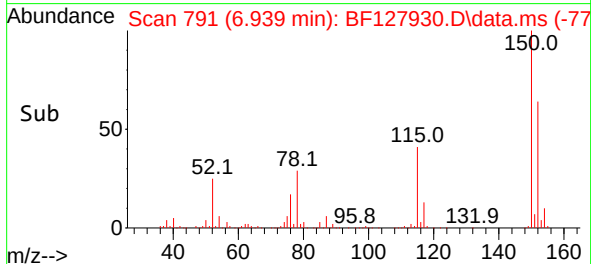
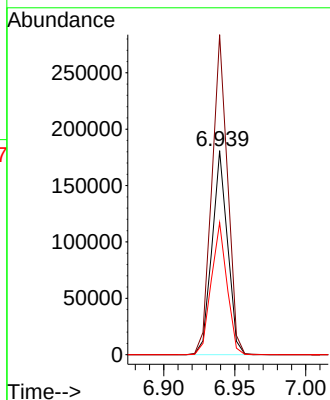
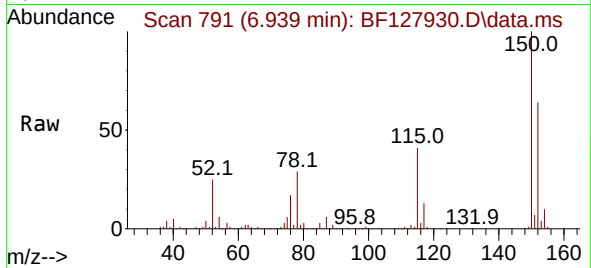




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

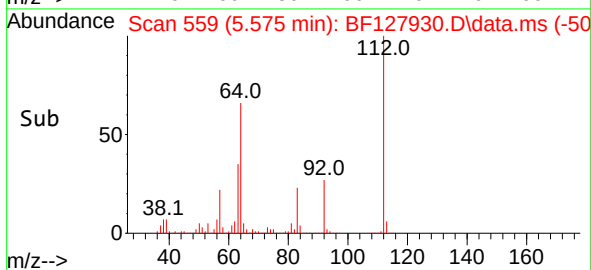
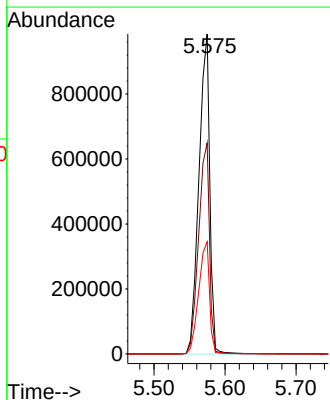
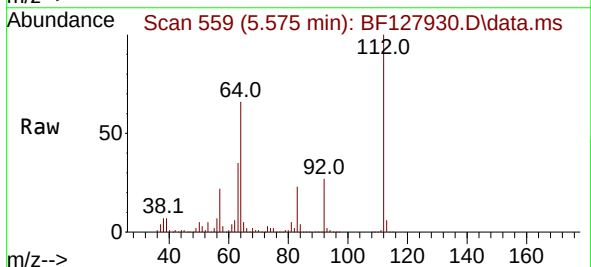
Instrument :
BNA_F
ClientSampleId :
370

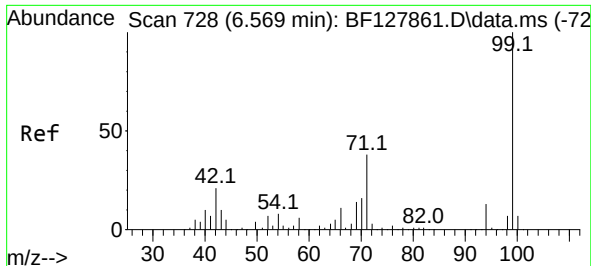
Tgt Ion:152 Resp: 138295
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 64.7 48.8 73.2



#5
2-Fluorophenol
Concen: 120.824 ng
RT: 5.575 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:112 Resp: 1049064
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 35.0 26.3 39.5



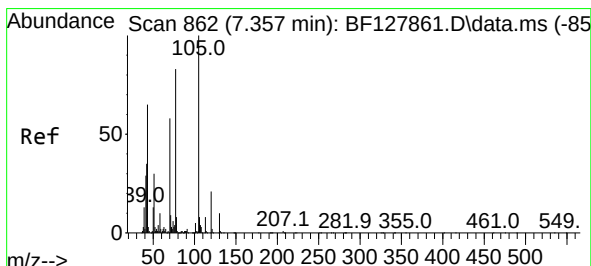
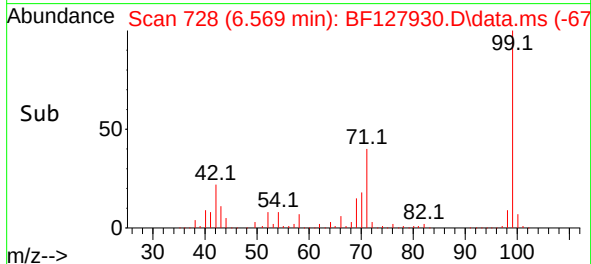
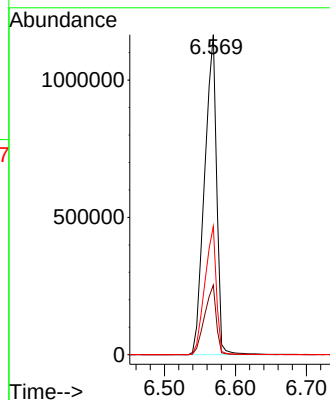
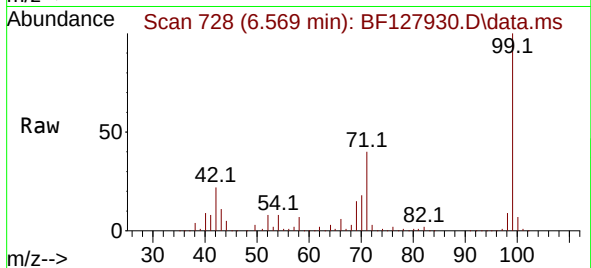


#7
Phenol-d6
Concen: 122.675 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Instrument :
BNA_F
ClientSampleId :
370

Tgt Ion: 99 Resp: 1382094

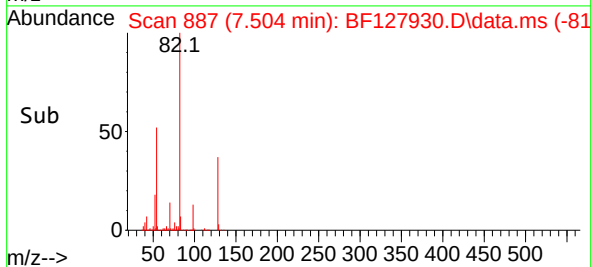
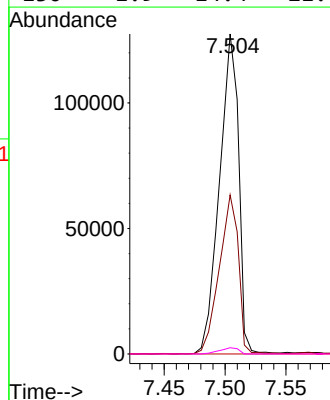
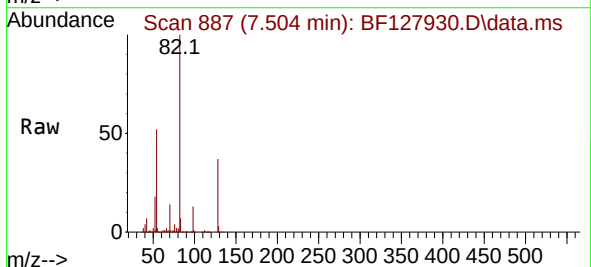
Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.6	24.8
71	40.1	30.0	45.0

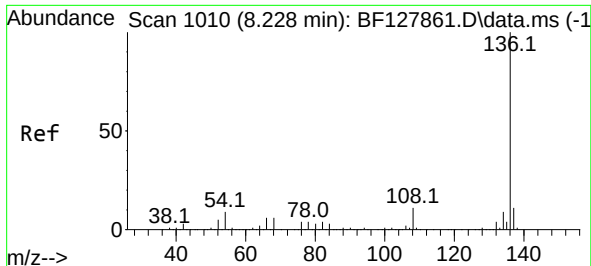


#19
n-Nitroso-di-n-propylamine
Concen: 20.256 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion: 70 Resp: 139699

Ion	Ratio	Lower	Upper
70	100		
42	49.7	48.7	73.1
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#



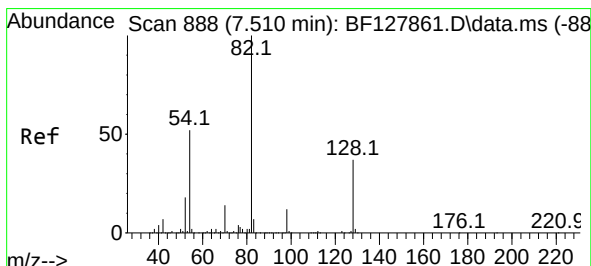
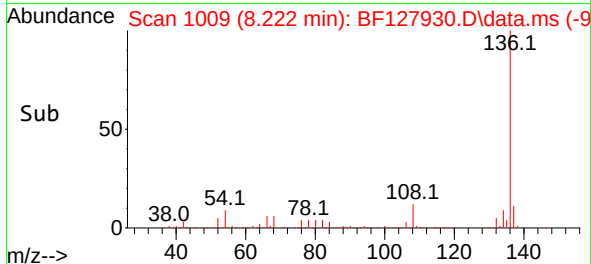
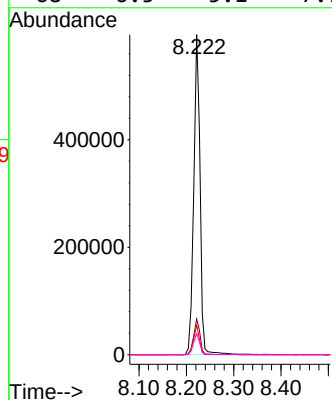
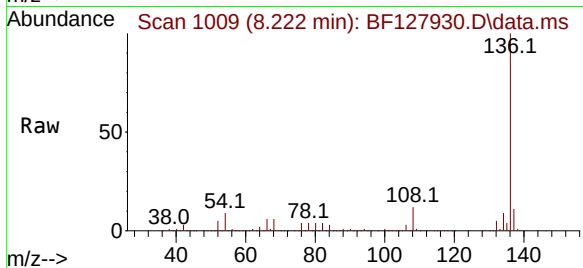


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Instrument :
BNA_F
ClientSampleId :
370

Tgt Ion:136 Resp: 549164

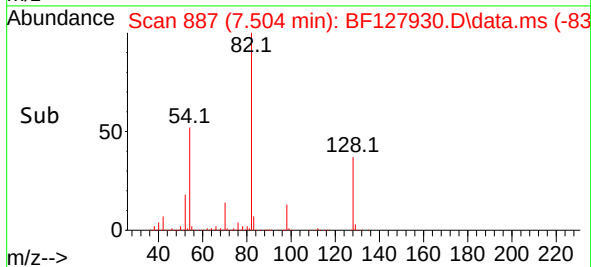
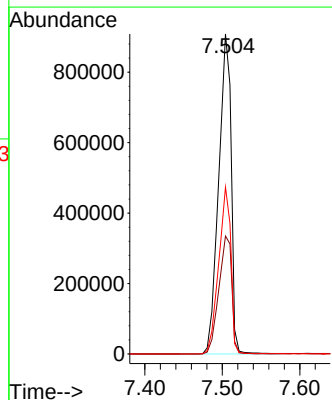
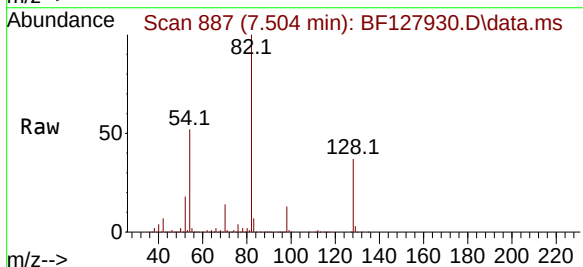
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.2	6.8	10.2
68	6.5	5.1	7.7

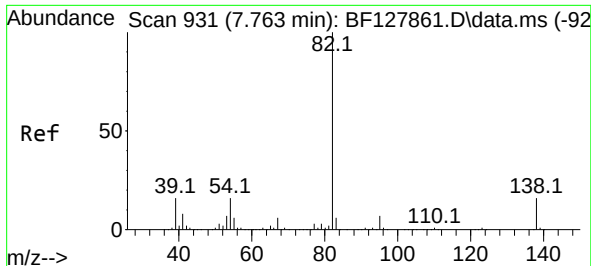


#23
Nitrobenzene-d5
Concen: 87.630 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion: 82 Resp: 1023374

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	52.2	41.3	61.9

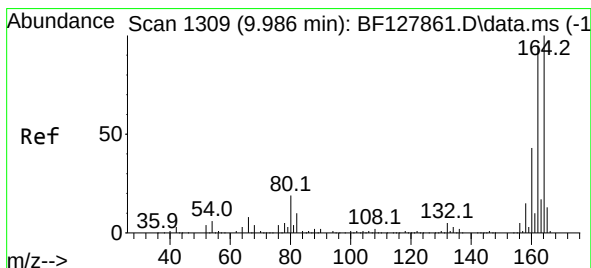
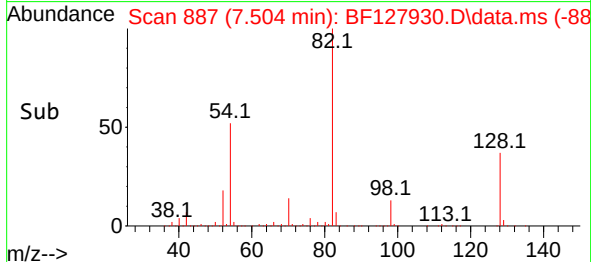
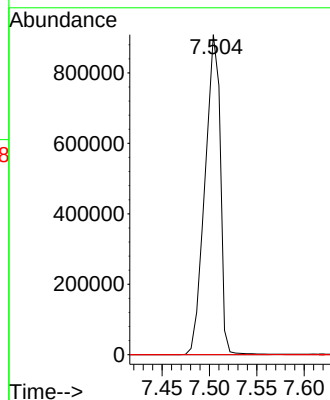
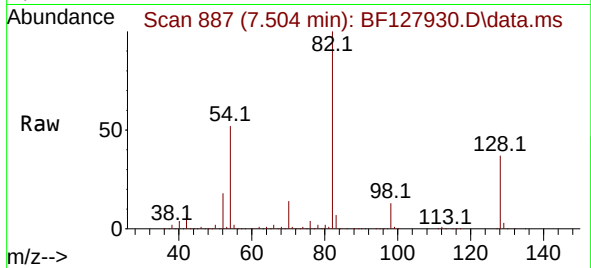




#25
Isophorone
Concen: 52.061 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

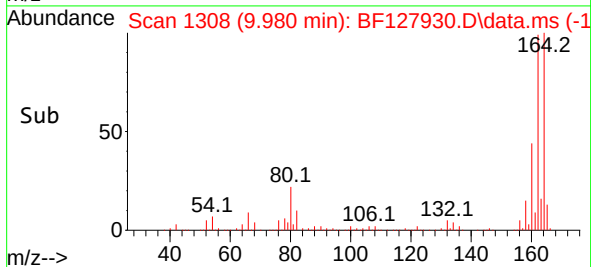
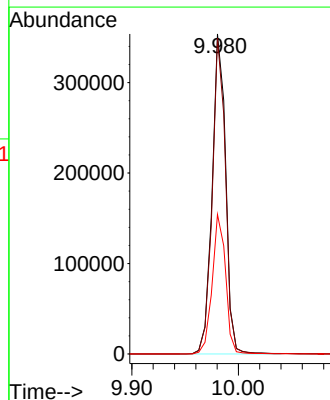
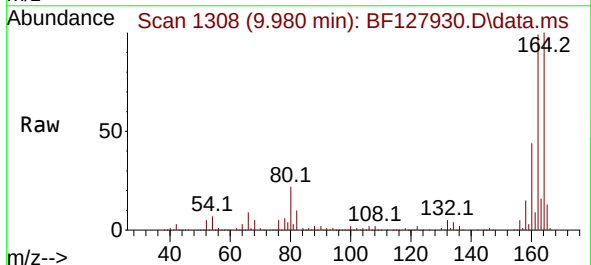
Instrument :
BNA_F
ClientSampleId :
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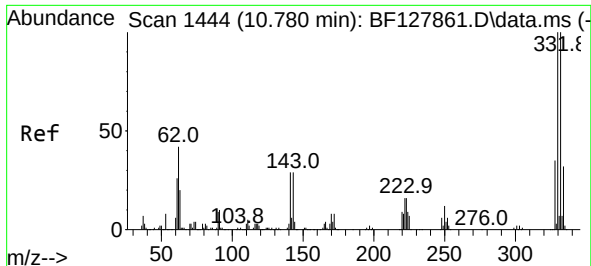
Tgt Ion: 82 Resp: 1023283
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion: 164 Resp: 311811
Ion Ratio Lower Upper
164 100
162 98.8 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.666 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

Instrument :

BNA_F

ClientSampleId :

370

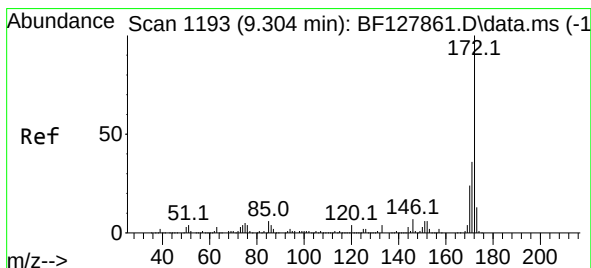
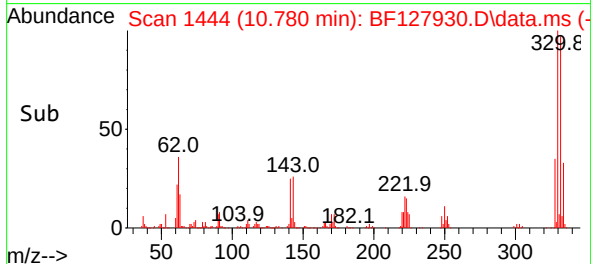
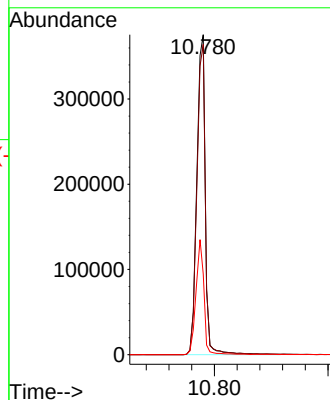
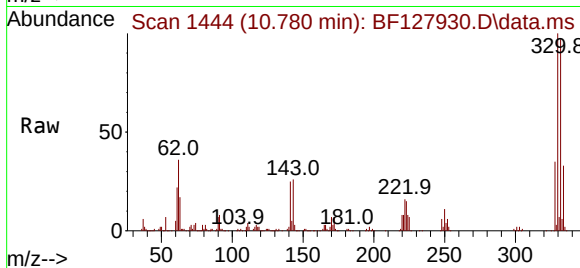
Tgt Ion:330 Resp: 391316

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.962 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

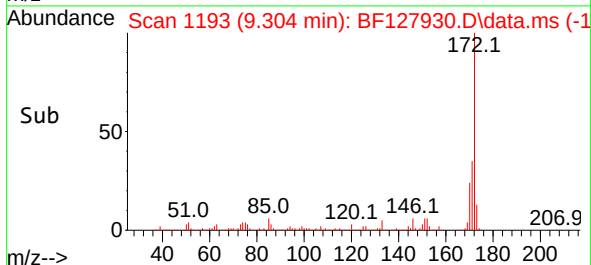
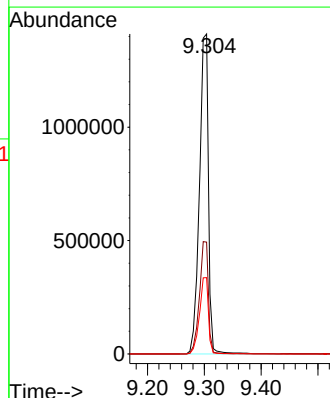
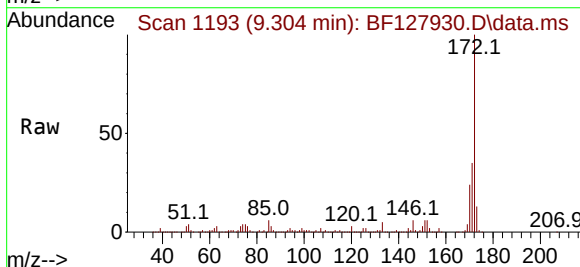
Tgt Ion:172 Resp: 1565967

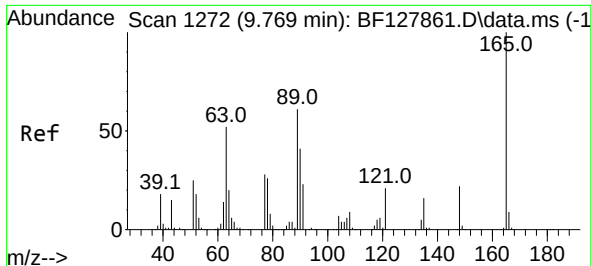
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.8 19.1 28.7

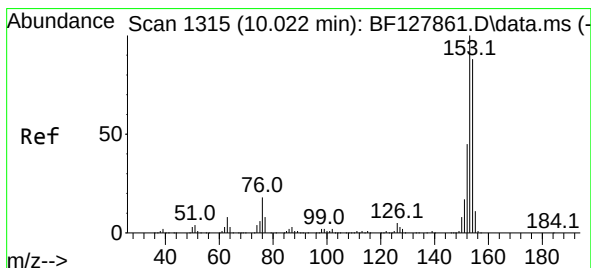
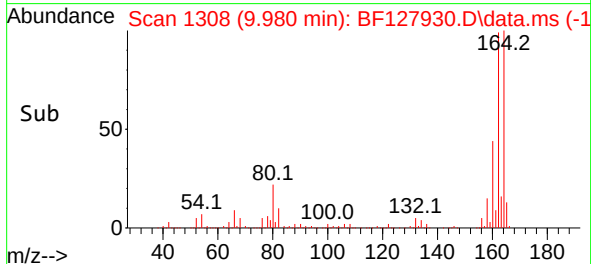
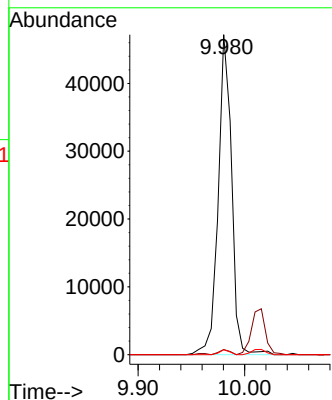
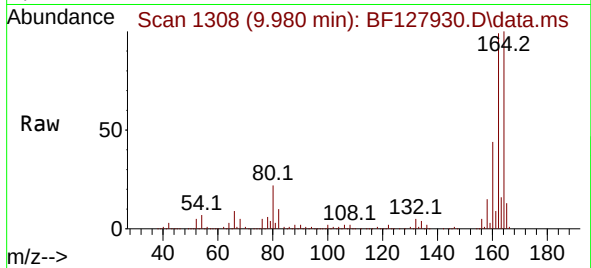




#51
2,6-Dinitrotoluene
Concen: 9.040 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

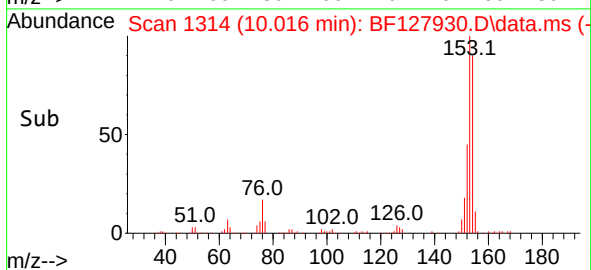
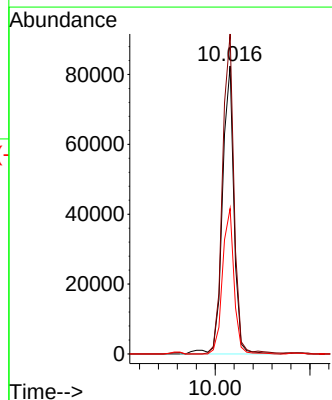
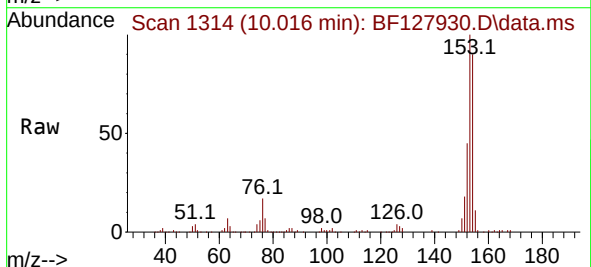
Instrument :
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ClientSampleId :
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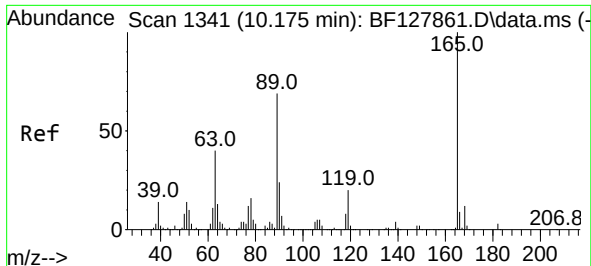
Tgt Ion:165 Resp: 40930
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.6 49.0 73.4#



#52
Acenaphthene
Concen: 3.848 ng
RT: 10.016 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:154 Resp: 69580
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 50.5 41.0 61.6

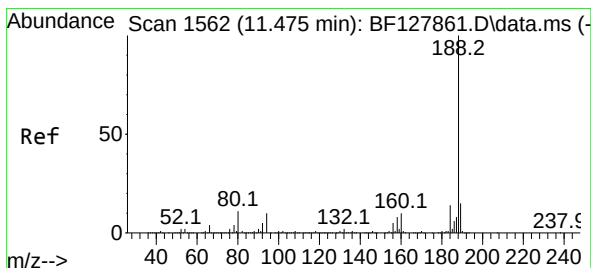
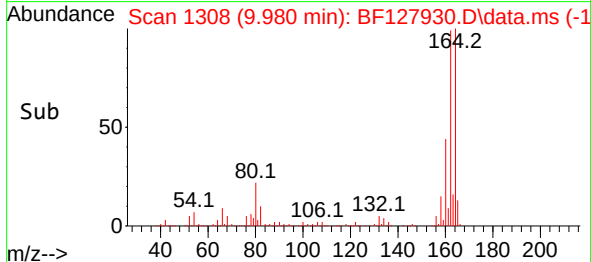
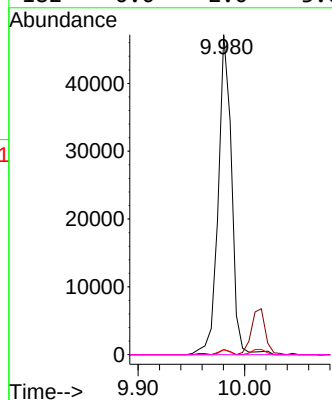
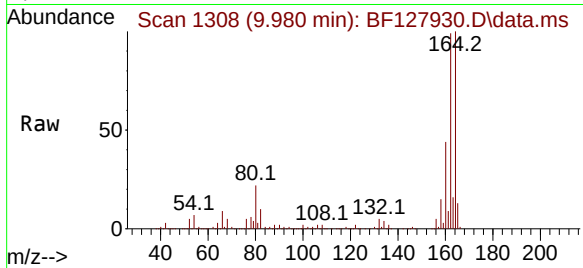




#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.980 min Scan# 1341
Delta R.T. -0.194 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

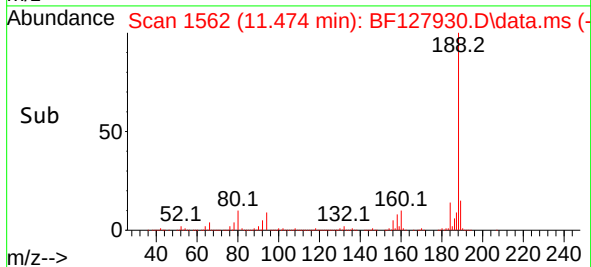
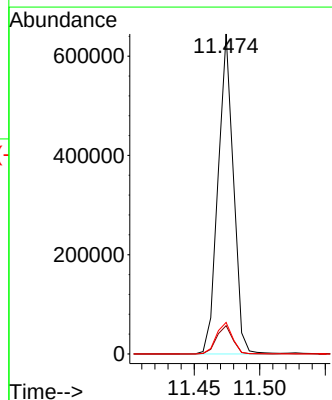
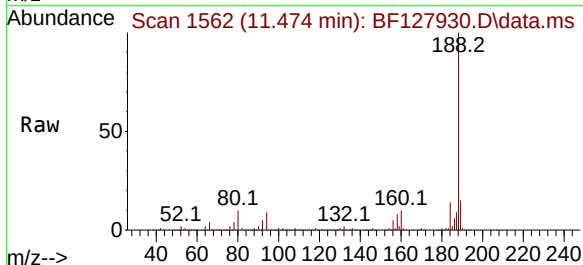
Instrument :
BNA_F
ClientSampleId :
370

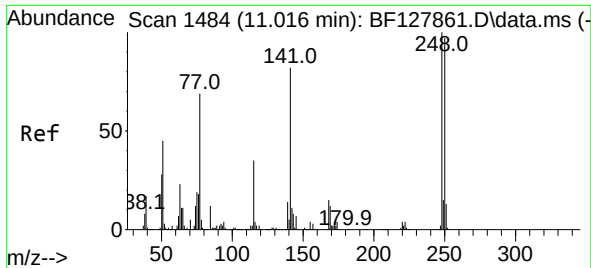
Tgt Ion:165	Resp:	40930
Ion Ratio	Lower	Upper
165	100	
63	1.6	32.6 49.0#
89	1.6	55.2 82.8#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:188	Resp:	525001
Ion Ratio	Lower	Upper
188	100	
94	8.9	8.0 12.0
80	9.8	8.9 13.3

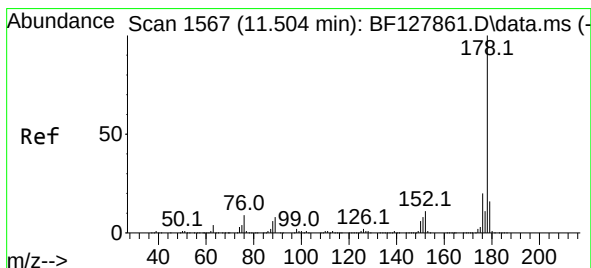
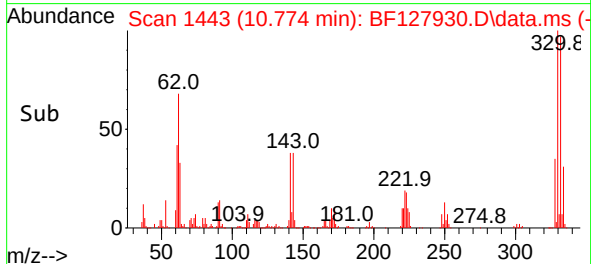
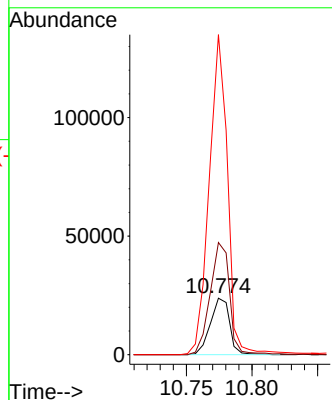
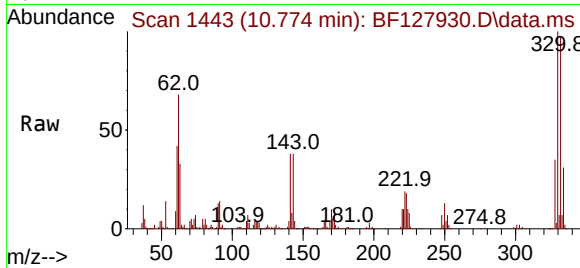




#67
4-Bromophenyl-phenylether
Concen: 4.190 ng
RT: 10.774 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

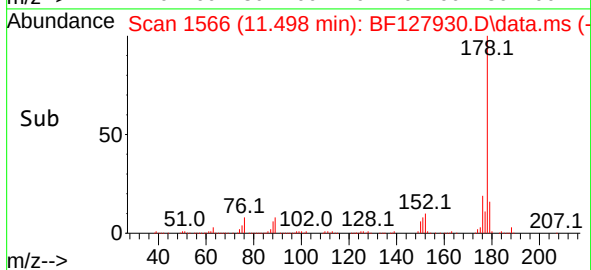
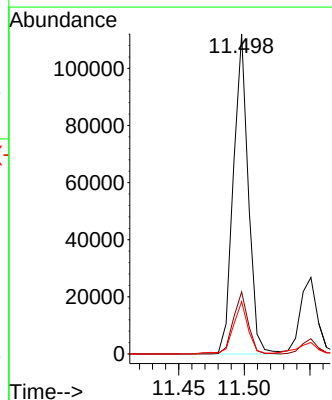
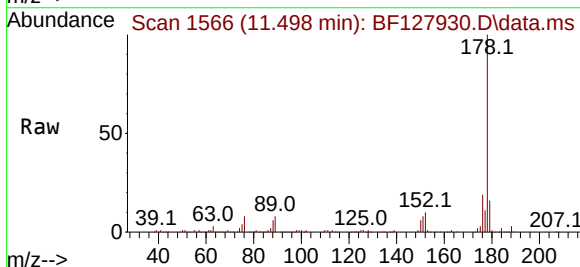
Instrument :
BNA_F
ClientSampleId :
370

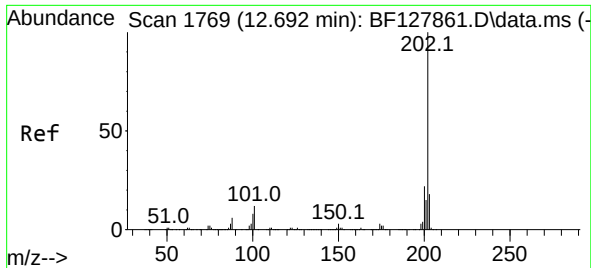
Tgt Ion:248 Resp: 24386
Ion Ratio Lower Upper
248 100
250 198.6 77.7 116.5#
141 566.2 65.6 98.4#



#71
Phenanthrene
Concen: 3.232 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:178 Resp: 88812
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.3 12.6 19.0

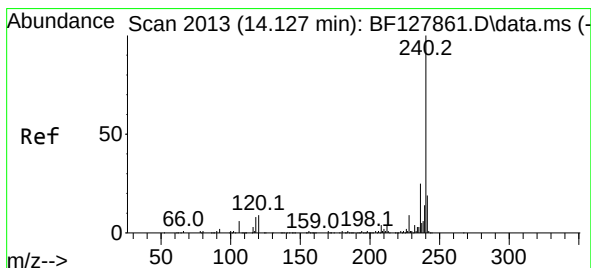
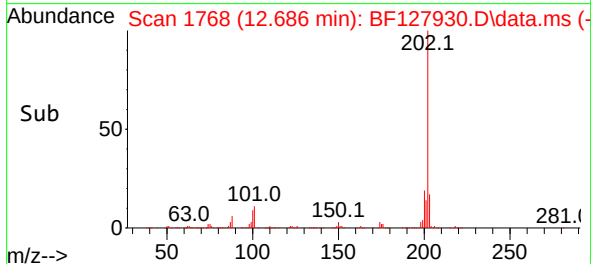
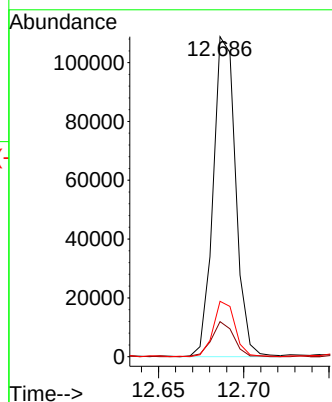
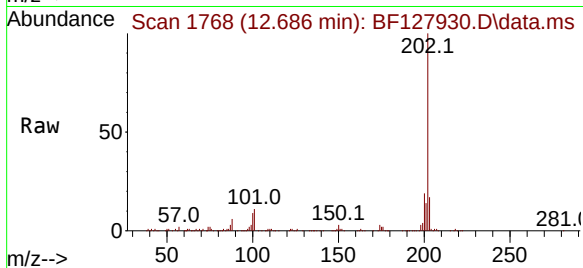




#75
Fluoranthene
Concen: 3.462 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

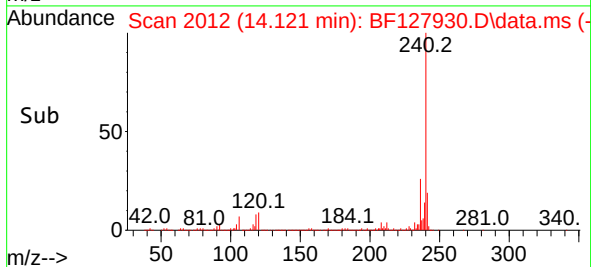
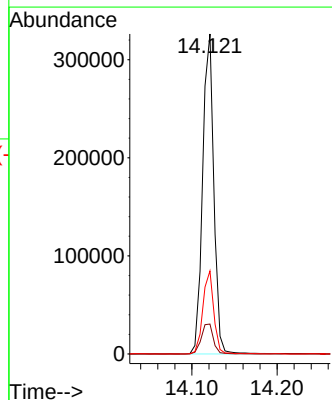
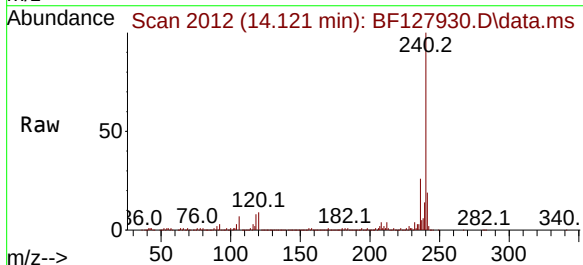
Instrument :
BNA_F
ClientSampleId :
370

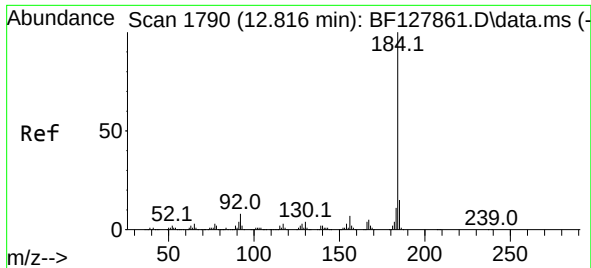
Tgt Ion:202 Resp: 100125
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 17.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:240 Resp: 298097
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 20.3 30.5

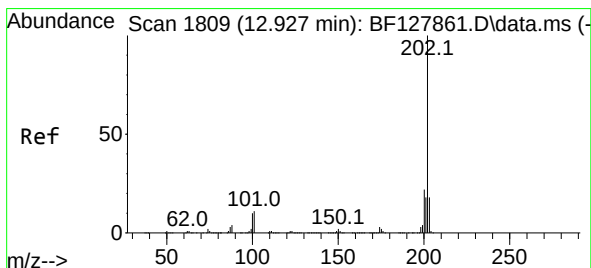
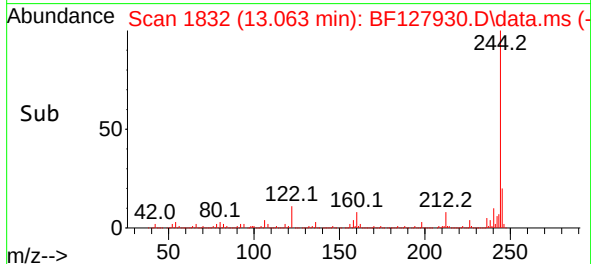
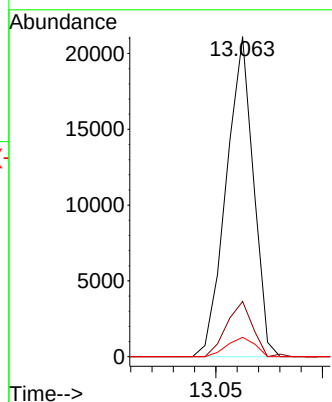
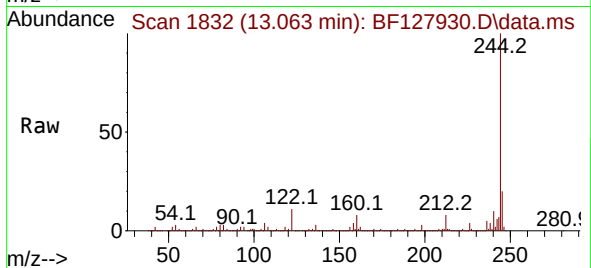




#77
Benzidine
Concen: 3.313 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.246 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

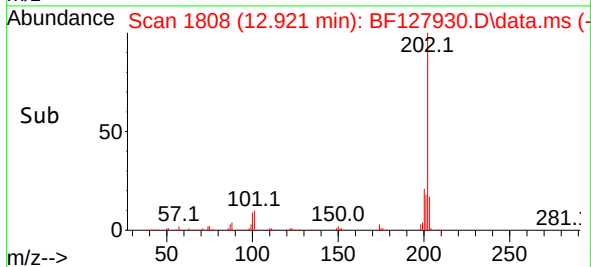
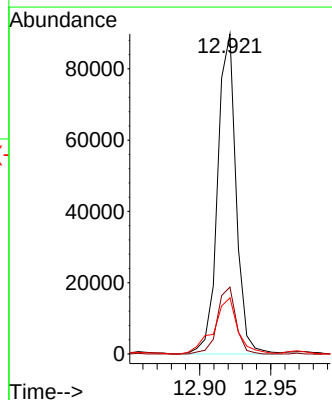
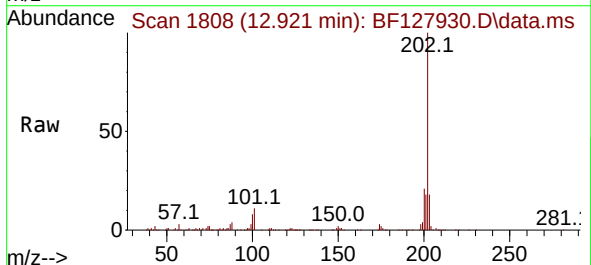
Instrument :
BNA_F
ClientSampleId :
370

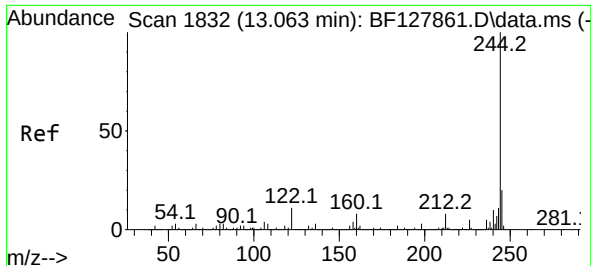
Tgt Ion:184 Resp: 18684
Ion Ratio Lower Upper
184 100
185 17.3 12.1 18.1
183 6.0 9.0 13.4#



#78
Pyrene
Concen: 3.380 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF127930.D
Acq: 26 Apr 2022 23:35

Tgt Ion:202 Resp: 81341
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.5 14.0 21.0

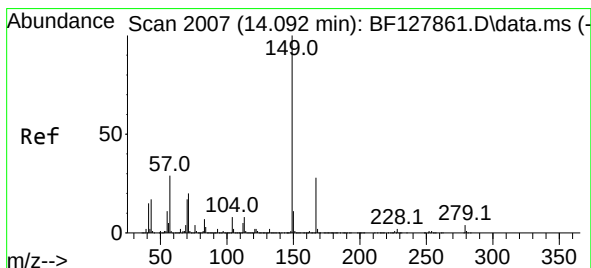
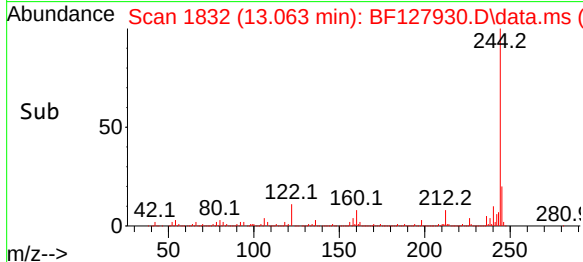
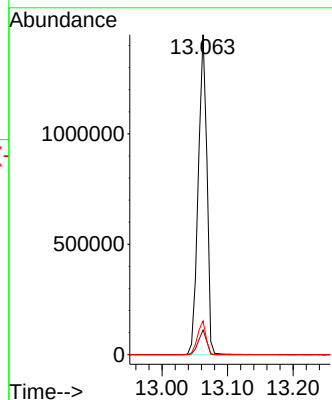
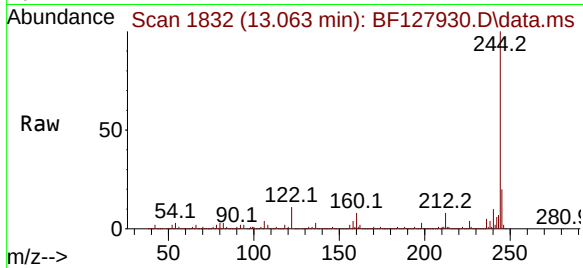




#79
 Terphenyl-d14
 Concen: 81.853 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127930.D
 Acq: 26 Apr 2022 23:35

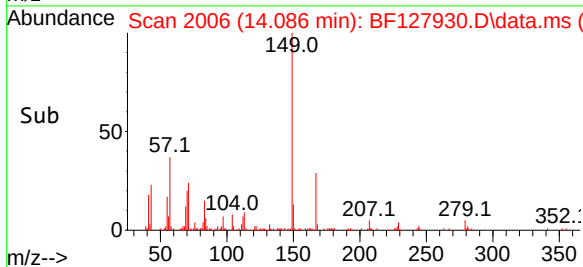
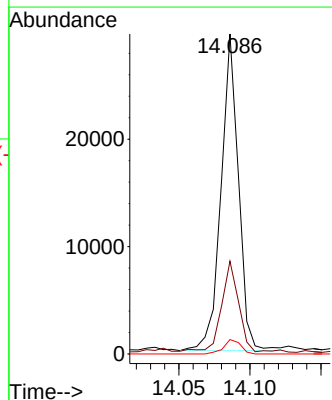
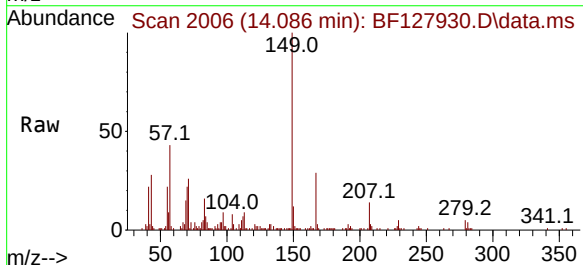
Instrument :
 BNA_F
 ClientSampleId :
 370

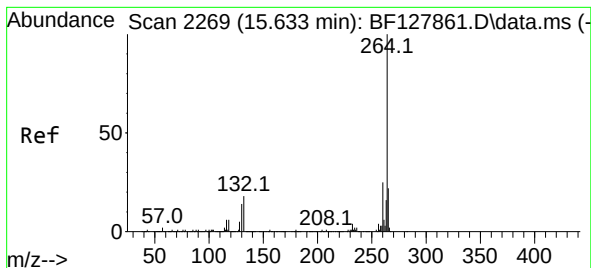
Tgt Ion:244 Resp: 1334397
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.6 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.013 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF127930.D
 Acq: 26 Apr 2022 23:35

Tgt Ion:149 Resp: 25180
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.0 33.0
 279 4.5 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

Instrument :

BNA_F

ClientSampleId :

370

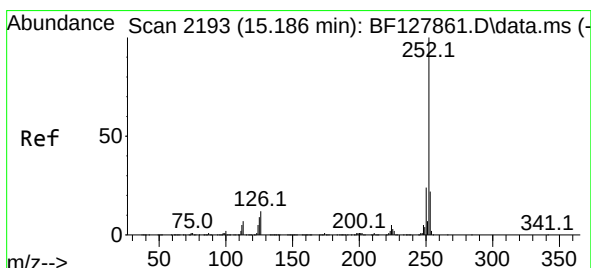
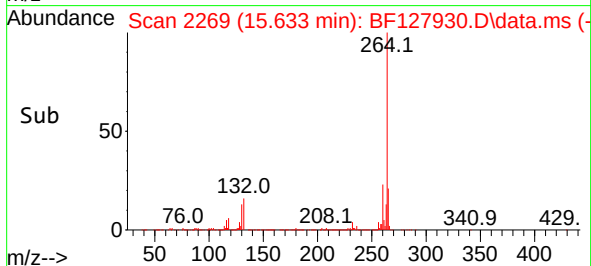
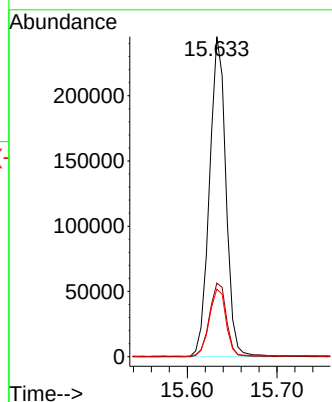
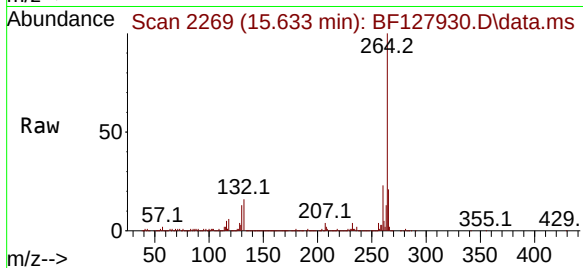
Tgt Ion:264 Resp: 312338

Ion Ratio Lower Upper

264 100

260 23.0 20.1 30.1

265 21.1 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.758 ng

RT: 15.180 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF127930.D

Acq: 26 Apr 2022 23:35

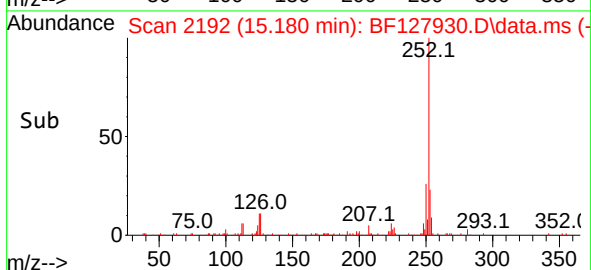
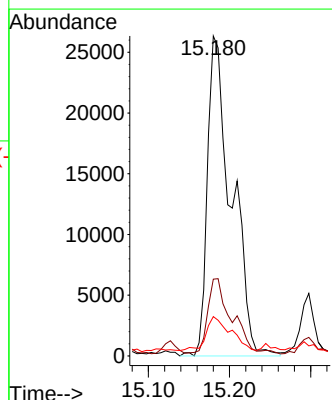
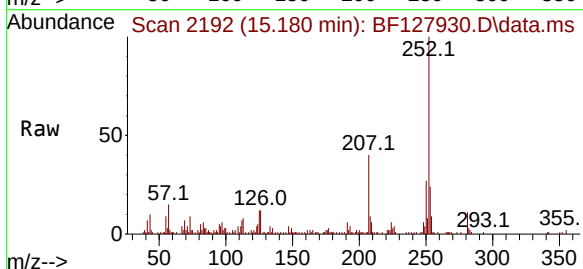
Tgt Ion:252 Resp: 54099

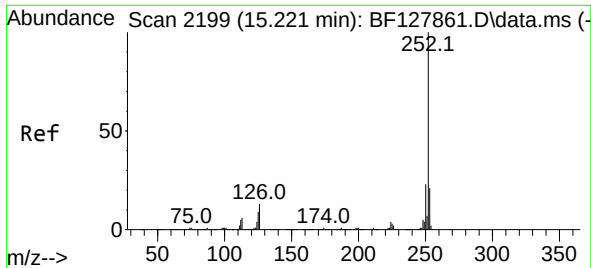
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 12.3 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.737 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF127930.D

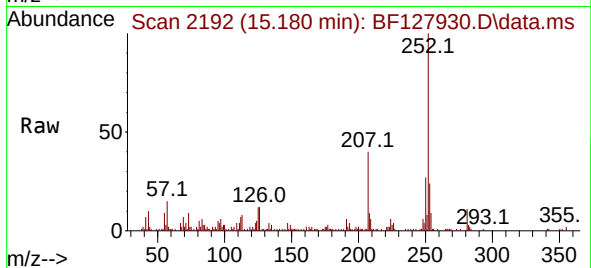
Acq: 26 Apr 2022 23:35

Instrument :

BNA_F

ClientSampleId :

370



Tgt Ion:252 Resp: 54099

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 12.3 6.8 10.2#

