

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127263.D
 Acq On : 08 Mar 2022 17:30
 Operator : CG\JU
 Sample : N1763-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 29-30-SAMPLE-LOCATION-15

Quant Time: Mar 09 01:19:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

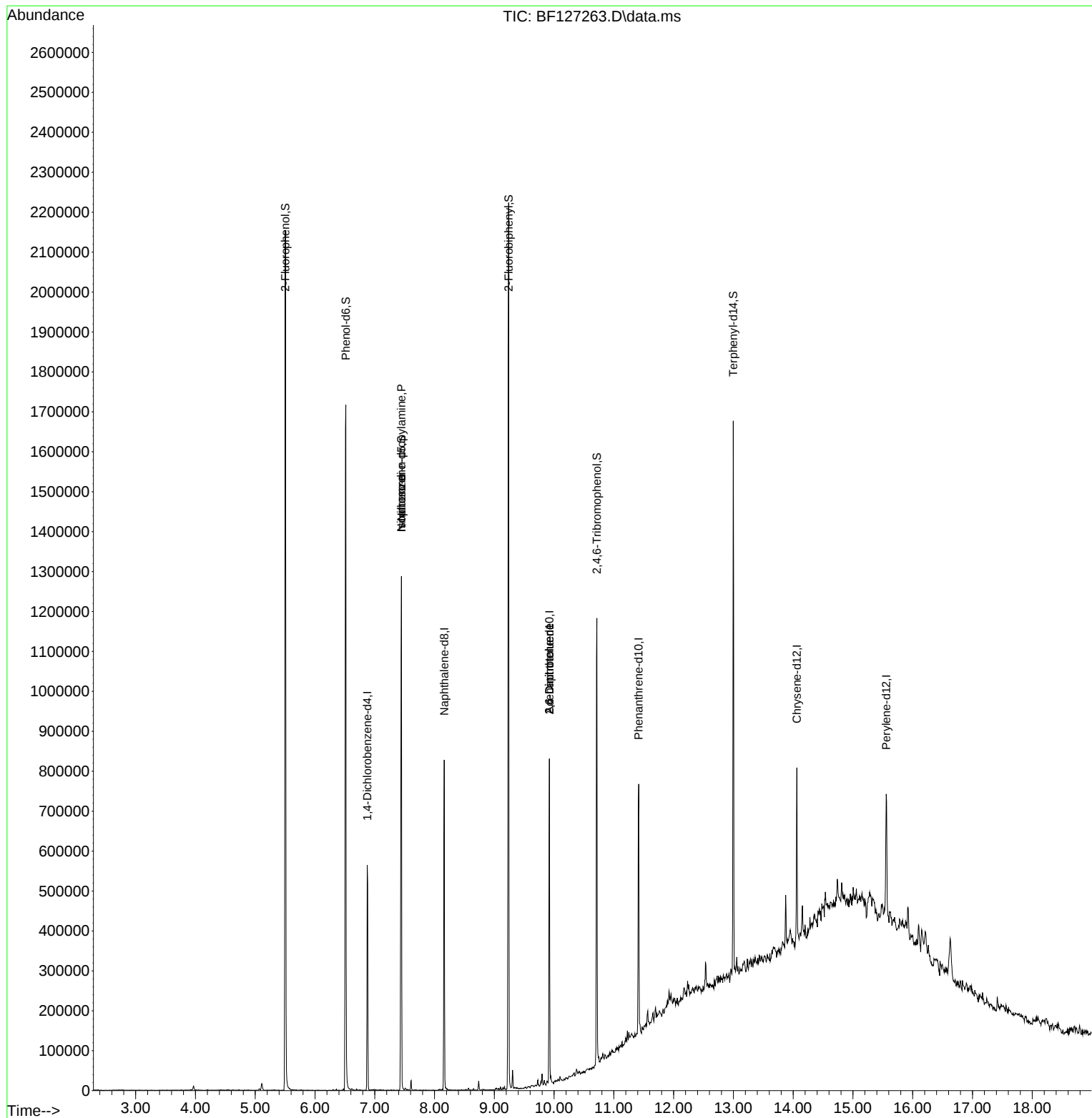
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79555	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	323522	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	153986	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	219754	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	132983	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	118554	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	520332	101.089	ng	0.00
7) Phenol-d6	6.516	99	597456	86.021	ng	0.00
23) Nitrobenzene-d5	7.445	82	405722	56.606	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	135145	76.227	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	621330	59.401	ng	0.00
79) Terphenyl-d14	12.998	244	429256	47.451	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	54609	12.202	ng	# 78
25) Isophorone	7.445	82	405713	34.208	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	20481	9.146	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20481	6.764	ng	# 15

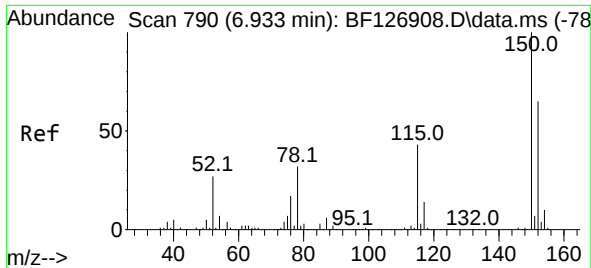
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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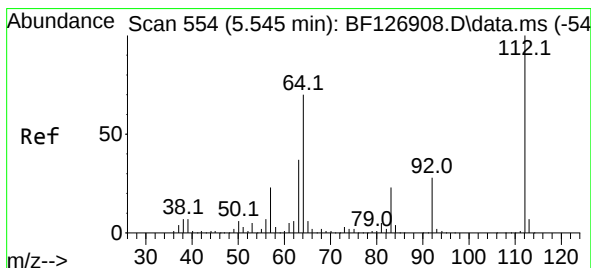
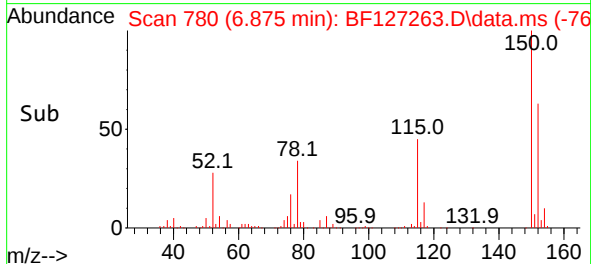
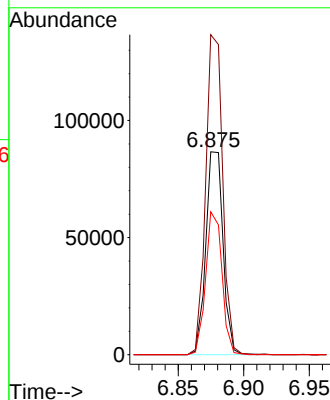
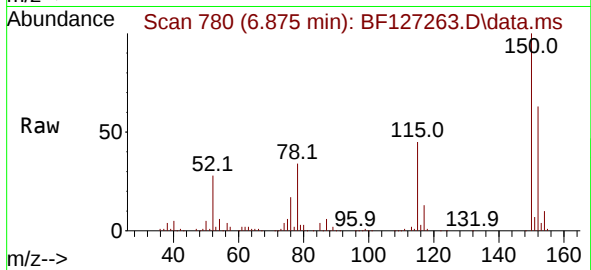




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

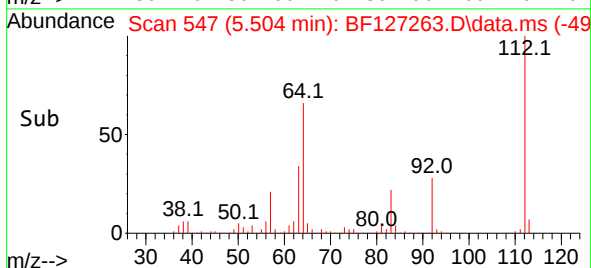
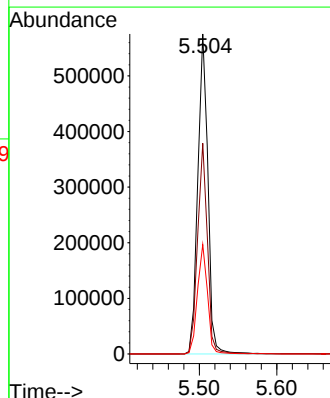
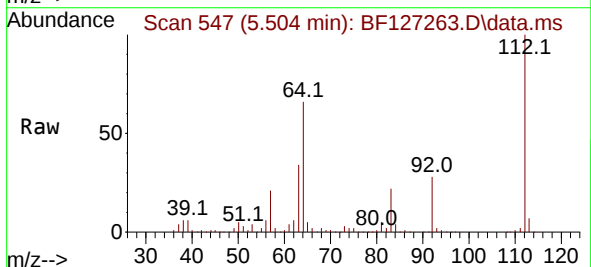
Instrument :
BNA_F
ClientSampleId :
29-30-SAMPLE-LOCATION-15

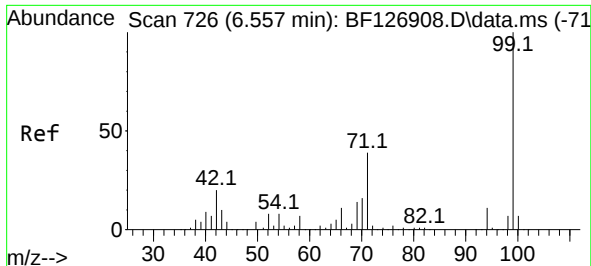
Tgt Ion:152 Resp: 79555
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 70.4 56.7 85.1



#5
2-Fluorophenol
Concen: 101.089 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

Tgt Ion:112 Resp: 520332
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 34.2 23.9 35.9

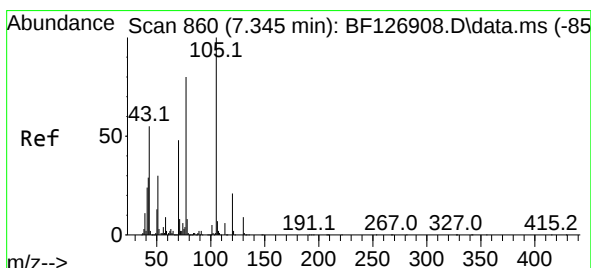
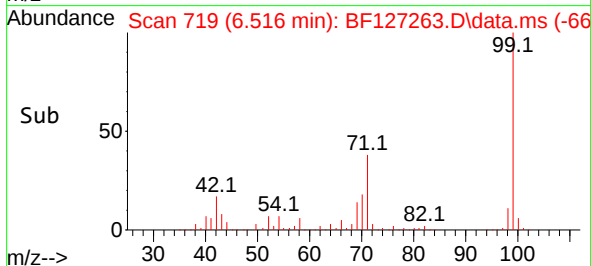
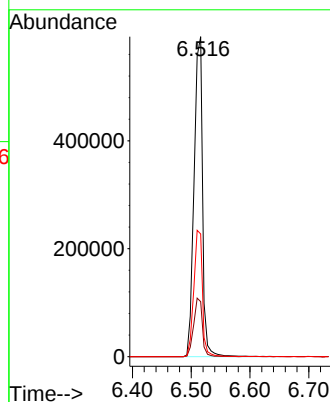
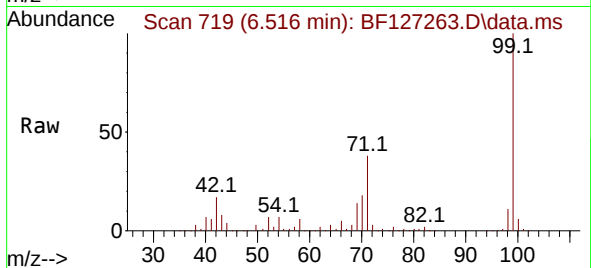




#7
Phenol-d6
Concen: 86.021 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

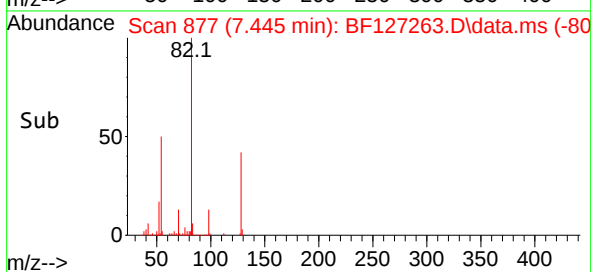
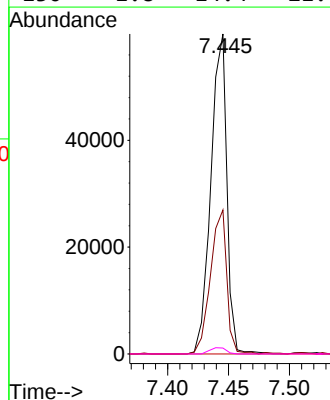
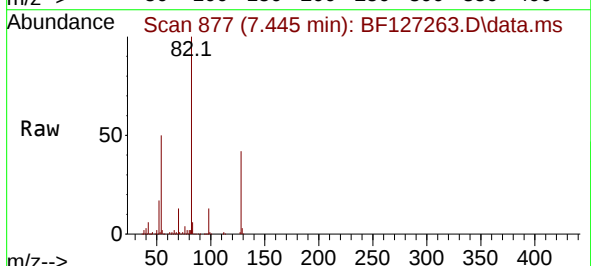
Instrument :
BNA_F
ClientSampleId :
29-30-SAMPLE-LOCATION-15

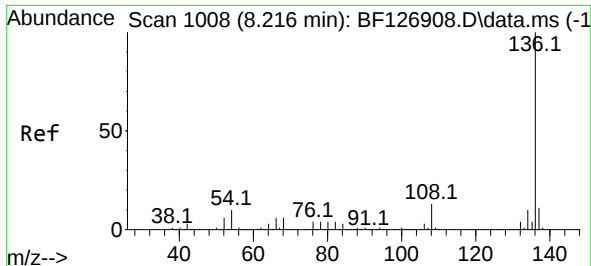
Tgt Ion: 99 Resp: 597456
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 38.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.202 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

Tgt Ion: 70 Resp: 54609
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

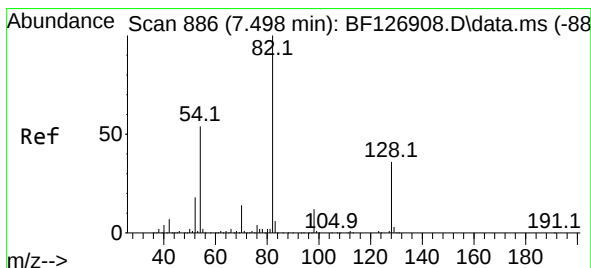
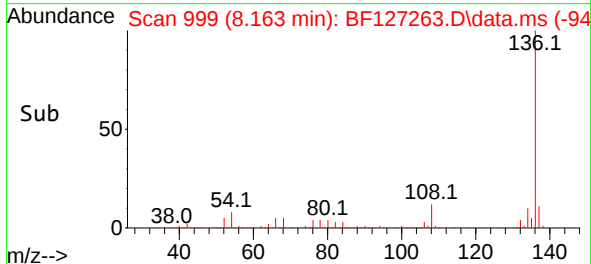
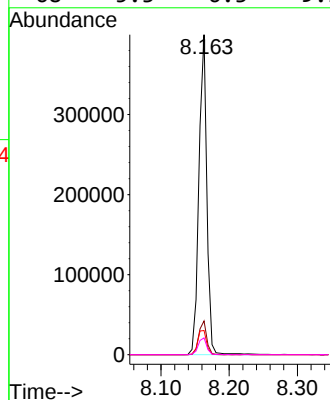
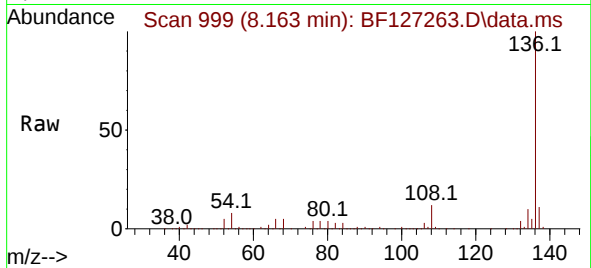




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

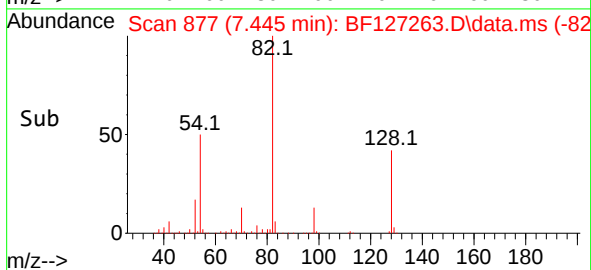
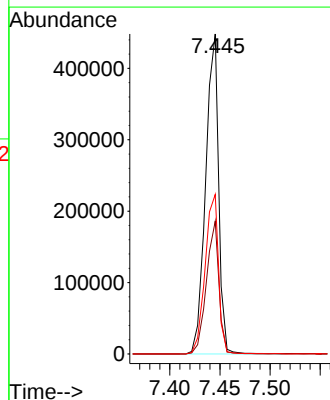
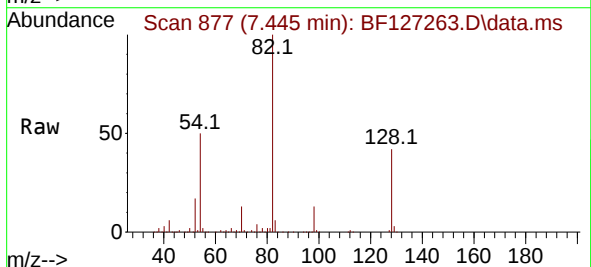
Instrument :
BNA_F
ClientSampleId :
29-30-SAMPLE-LOCATION-15

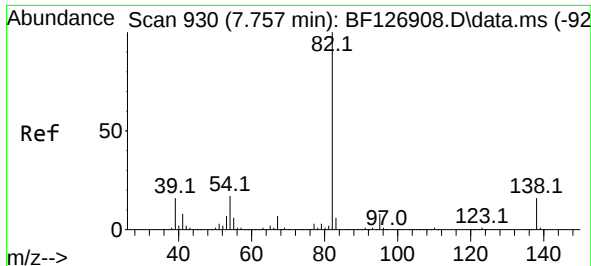
Tgt Ion:136 Resp: 323522
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.5 7.8 11.6#
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 56.606 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

Tgt Ion: 82 Resp: 405722
Ion Ratio Lower Upper
82 100
128 41.5 32.7 49.1
54 49.8 41.7 62.5

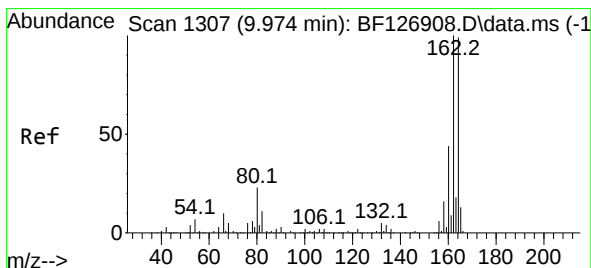
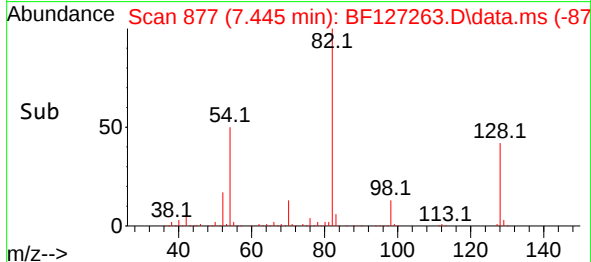
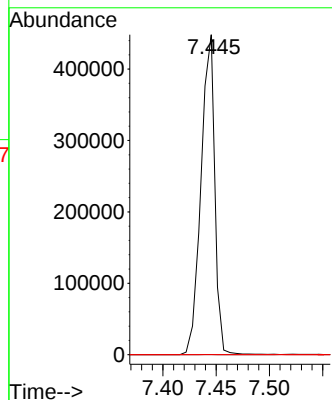
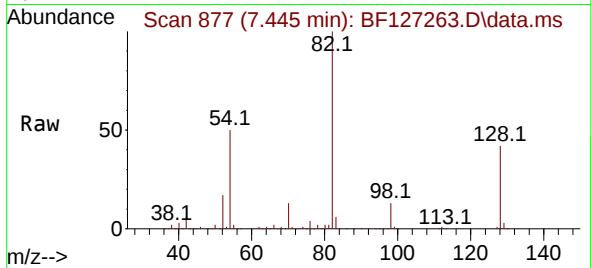




#25
Isophorone
Concen: 34.208 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

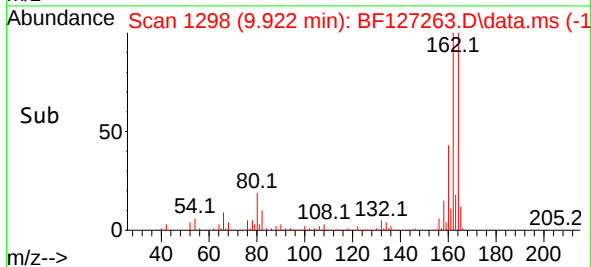
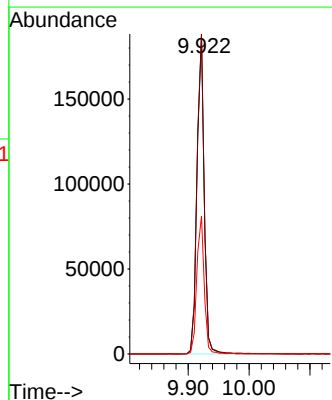
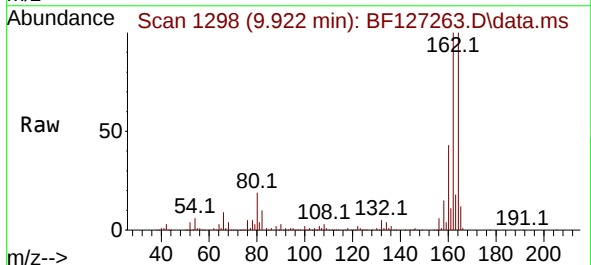
Instrument :
BNA_F
ClientSampleId :
29-30-SAMPLE-LOCATION-15

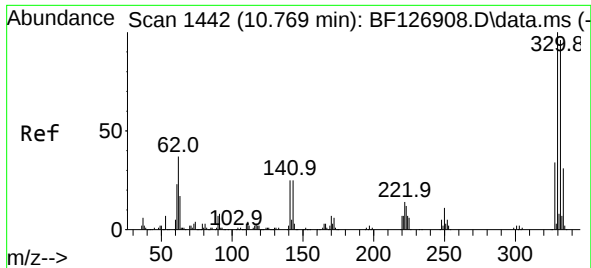
Tgt Ion: 82 Resp: 405713
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

Tgt Ion:164 Resp: 153986
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 76.227 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127263.D

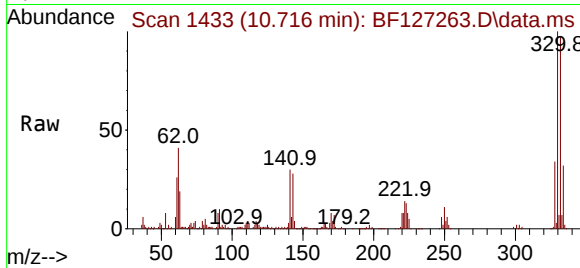
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Instrument :

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ClientSampleId :

29-30-SAMPLE-LOCATION-15



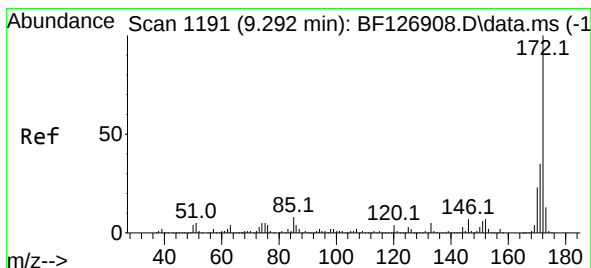
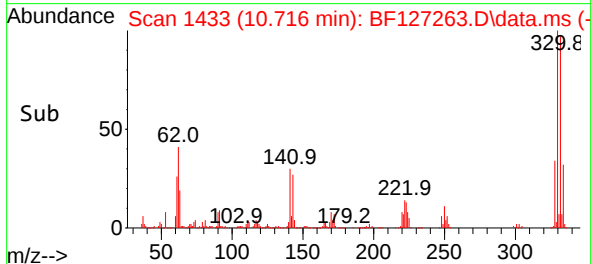
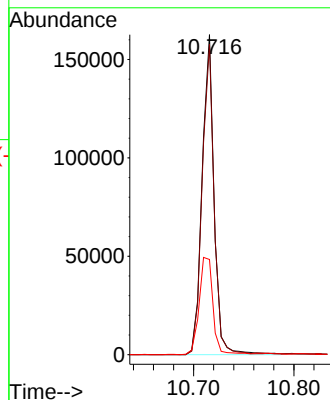
Tgt Ion:330 Resp: 135145

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 35.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.401 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127263.D

Acq: 08 Mar 2022 17:30

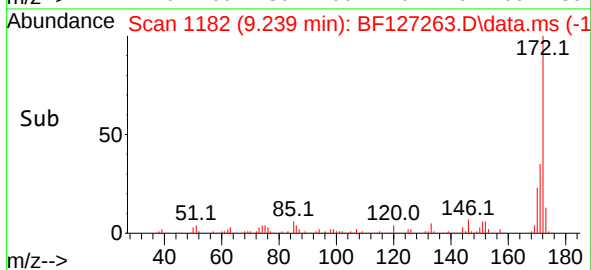
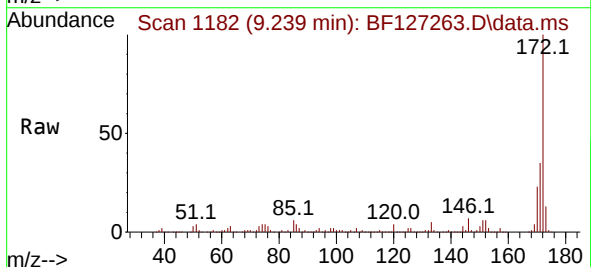
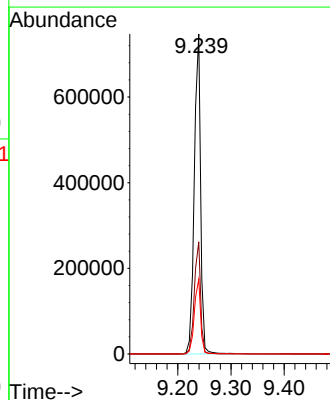
Tgt Ion:172 Resp: 621330

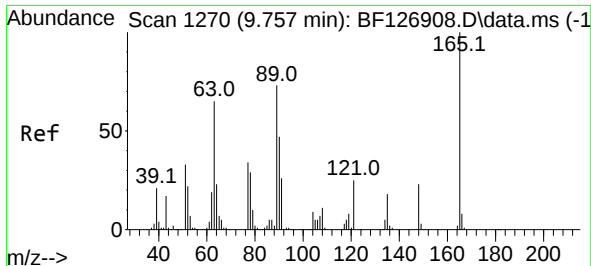
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.6

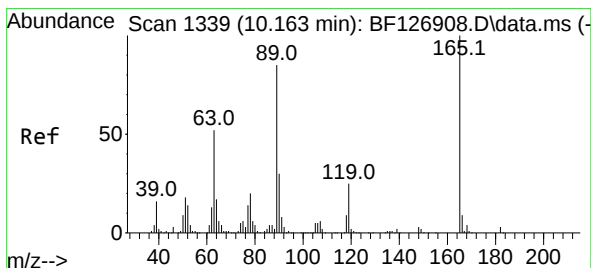
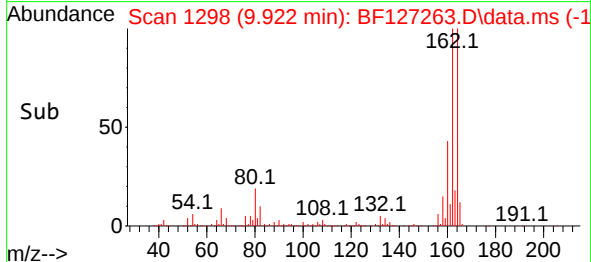
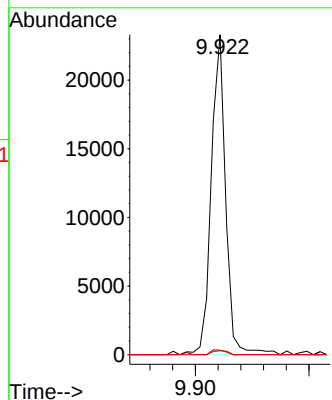
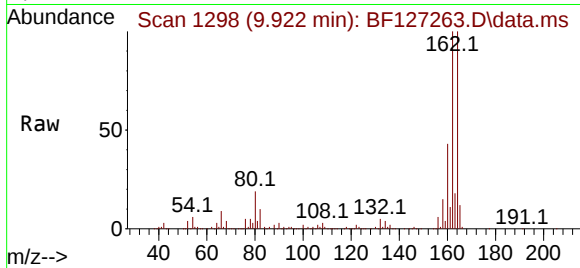




#51
2,6-Dinitrotoluene
Concen: 9.146 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

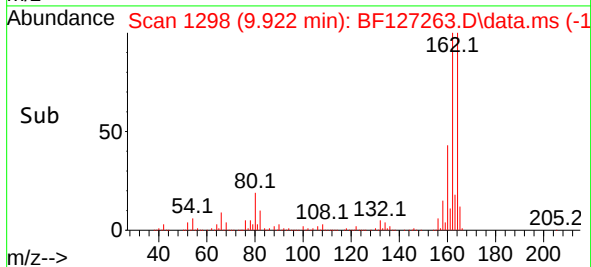
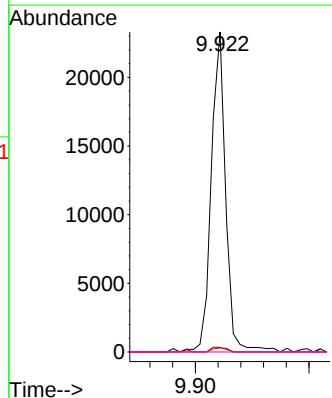
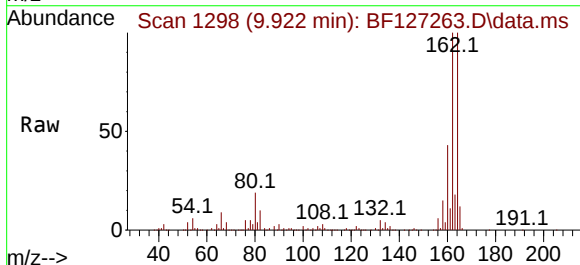
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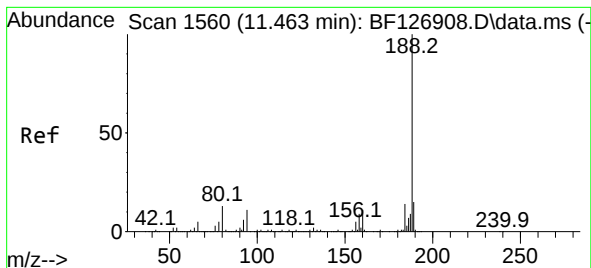
Tgt Ion:165 Resp: 20481
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.764 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127263.D
Acq: 08 Mar 2022 17:30

Tgt Ion:165 Resp: 20481
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127263.D

Acq: 08 Mar 2022 17:30

Instrument :

BNA_F

ClientSampleId :

29-30-SAMPLE-LOCATION-15

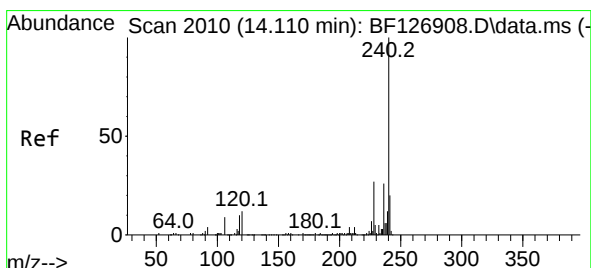
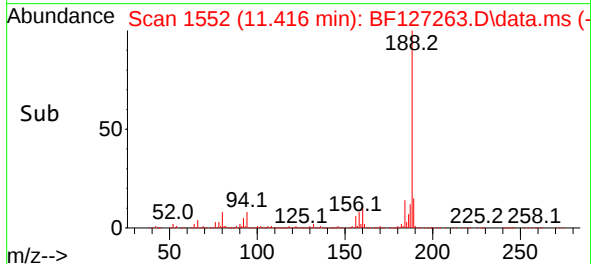
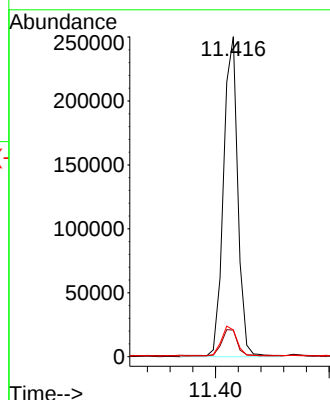
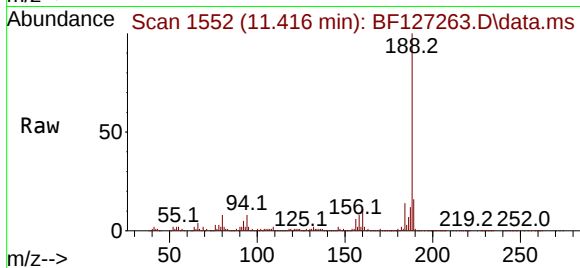
Tgt Ion:188 Resp: 219754

Ion Ratio Lower Upper

188 100

94 8.3 10.1 15.1#

80 8.4 11.8 17.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF127263.D

Acq: 08 Mar 2022 17:30

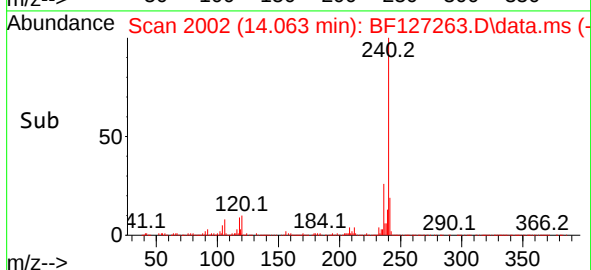
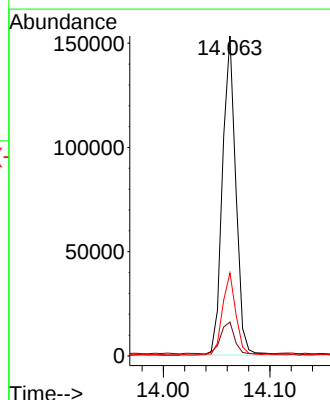
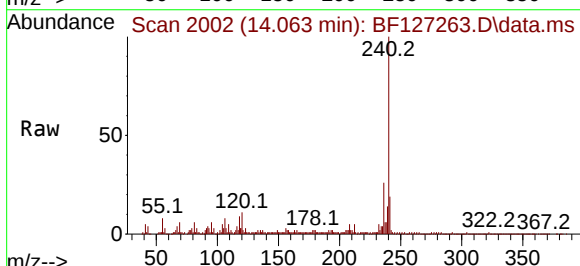
Tgt Ion:240 Resp: 132983

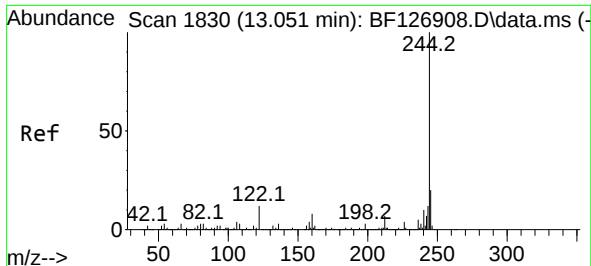
Ion Ratio Lower Upper

240 100

120 10.6 14.4 21.6#

236 25.9 20.5 30.7

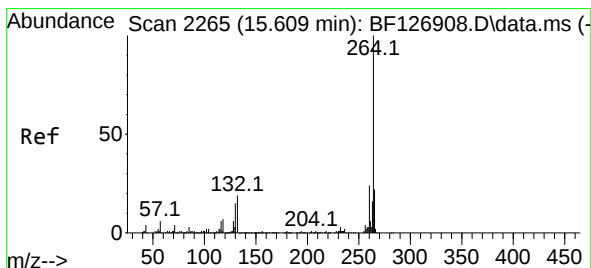
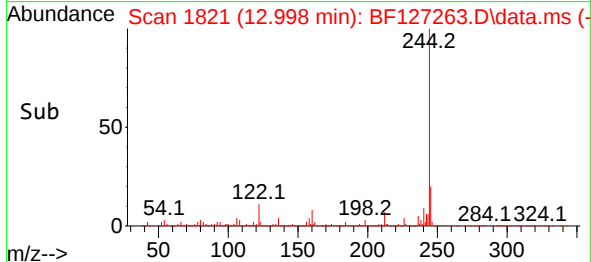
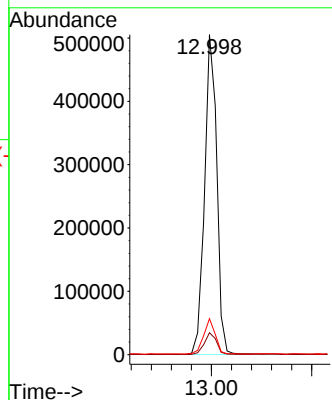
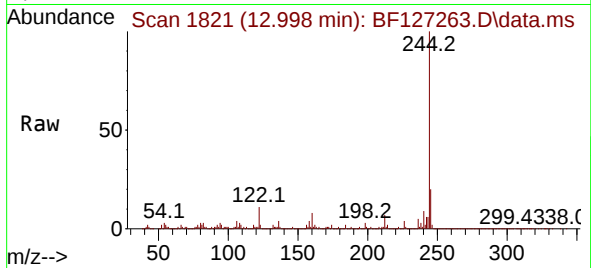




#79
 Terphenyl-d14
 Concen: 47.451 ng
 RT: 12.998 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: BF127263.D
 Acq: 08 Mar 2022 17:30

Instrument :
 BNA_F
 ClientSampleId :
 29-30-SAMPLE-LOCATION-15

Tgt Ion:244 Resp: 429256
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.012 min
 Lab File: BF127263.D
 Acq: 08 Mar 2022 17:30

Tgt Ion:264 Resp: 118554
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.5 17.4 26.2

