

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127874.D
 Acq On : 25 Apr 2022 12:12
 Operator : CG\JU
 Sample : N2494-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Quant Time: Apr 25 16:55:26 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)

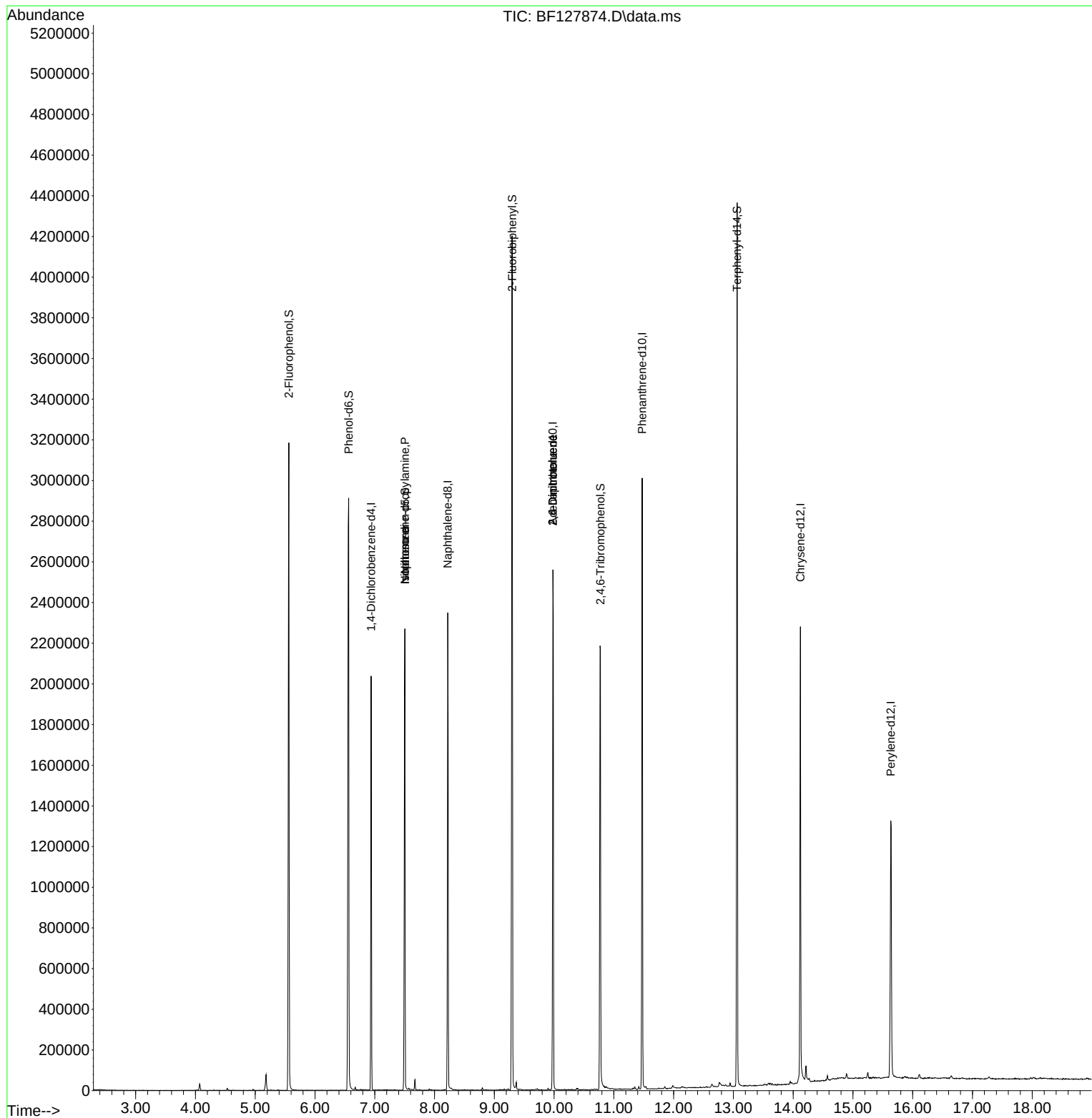
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	263519	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	1021724	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	587986	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	1072153	20.000	ng	0.00
76) Chrysene-d12	14.121	240	756277	20.000	ng	0.00
86) Perylene-d12	15.633	264	653809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	824193	49.817	ng	0.00
7) Phenol-d6	6.563	99	1079025	50.263	ng	0.00
23) Nitrobenzene-d5	7.504	82	760612	35.007	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	288447	48.732	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1322712	38.057	ng	0.00
79) Terphenyl-d14	13.063	244	1499892	36.265	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	102108	7.770	ng	# 77
25) Isophorone	7.504	82	760600	20.799	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	76646	8.977	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	76646	6.777	ng	# 26

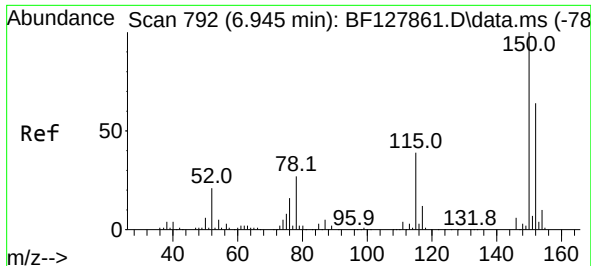
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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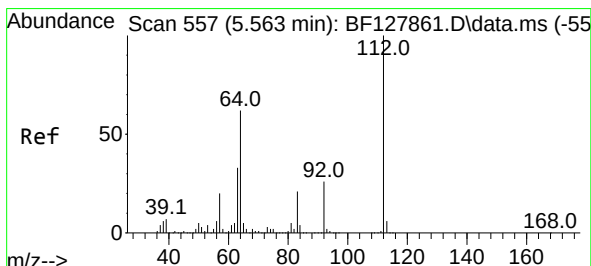
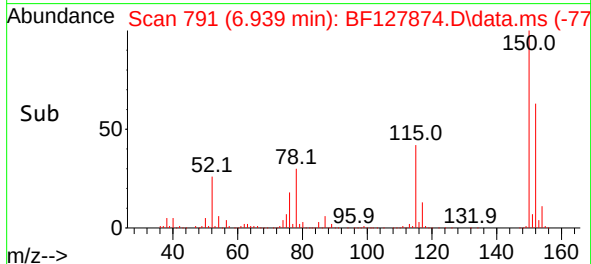
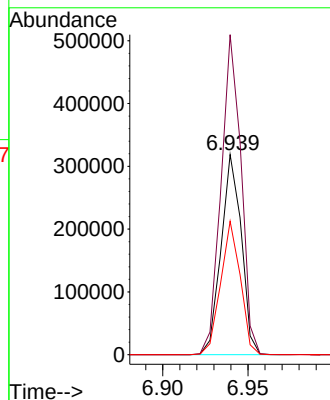
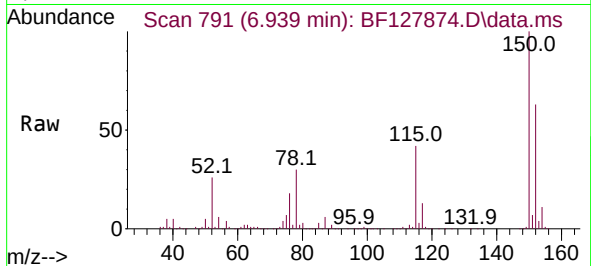




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

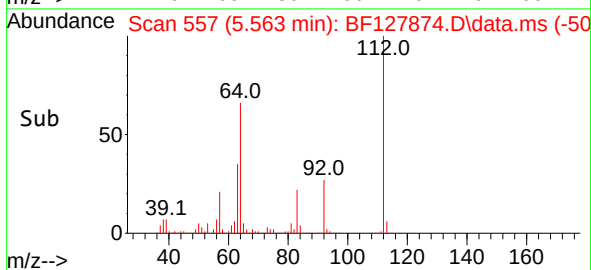
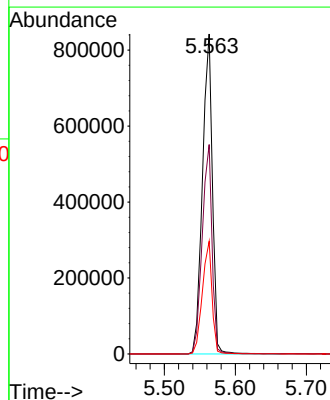
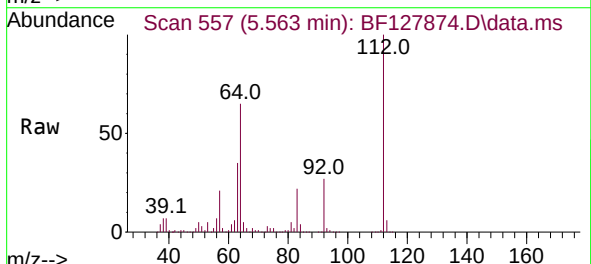
Instrument :
BNA_F
ClientSampleId :
MH-1S

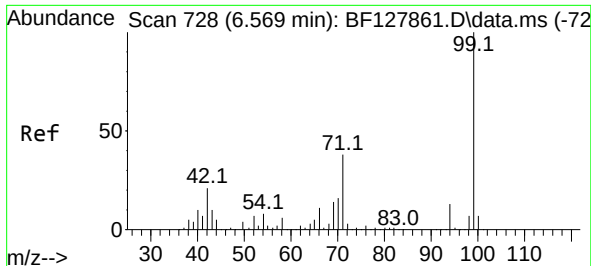
Tgt Ion:152 Resp: 263519
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 49.817 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion:112 Resp: 824193
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.2 26.3 39.5

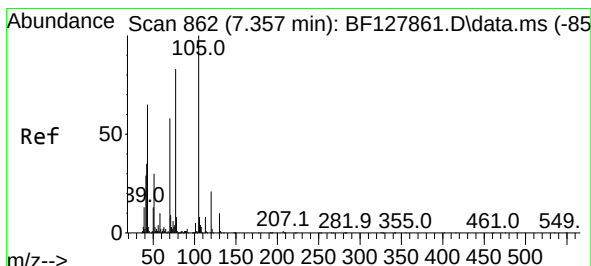
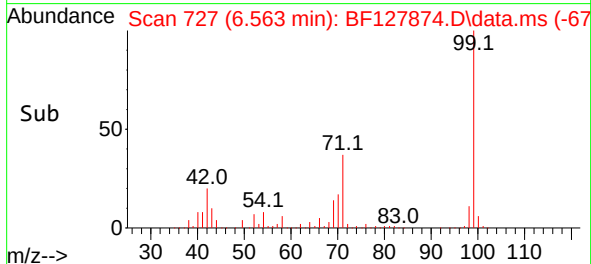
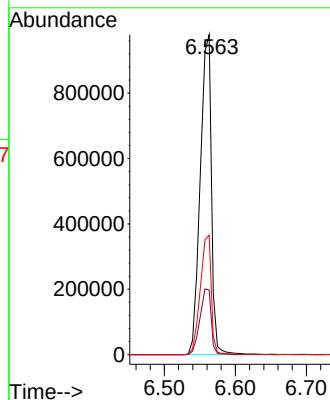
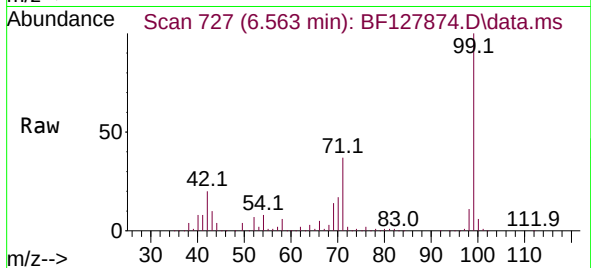




#7
Phenol-d6
Concen: 50.263 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

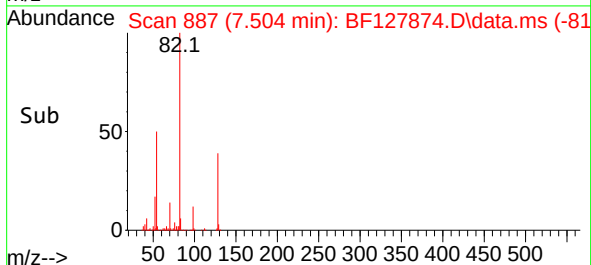
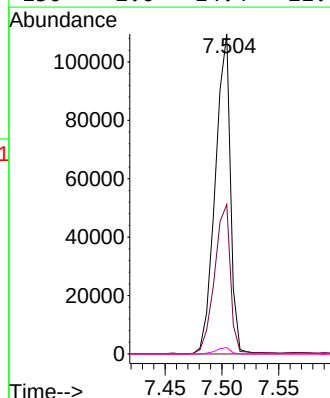
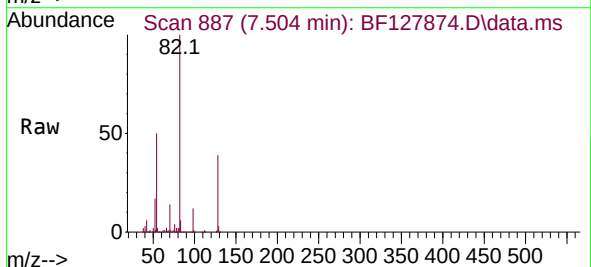
Instrument :
BNA_F
ClientSampleId :
MH-1S

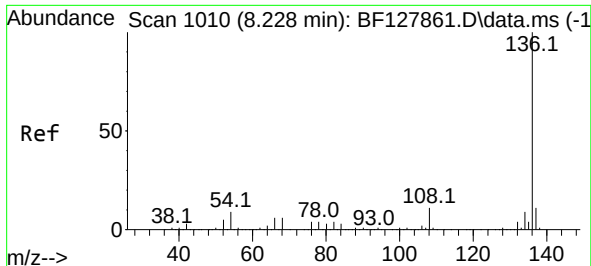
Tgt Ion: 99 Resp: 1079025
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 37.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.770 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion: 70 Resp: 102108
Ion Ratio Lower Upper
70 100
42 46.7 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

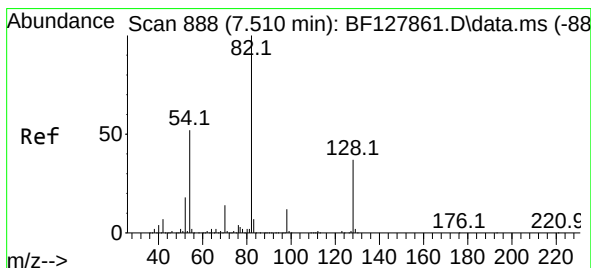
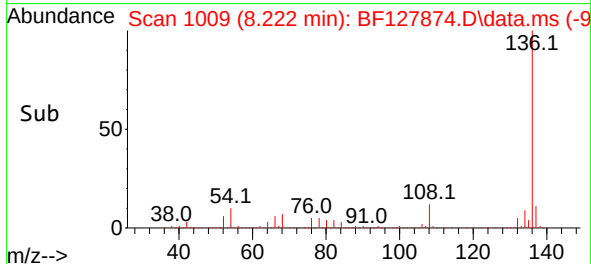
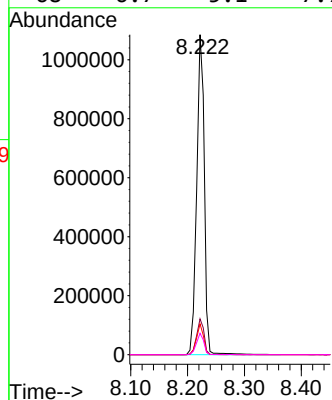
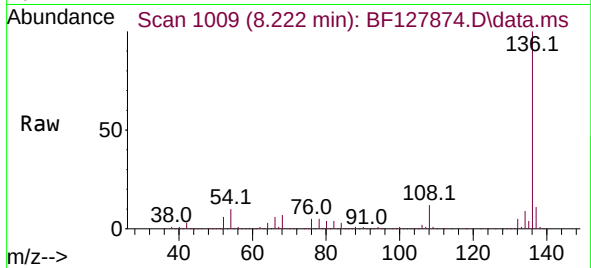




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

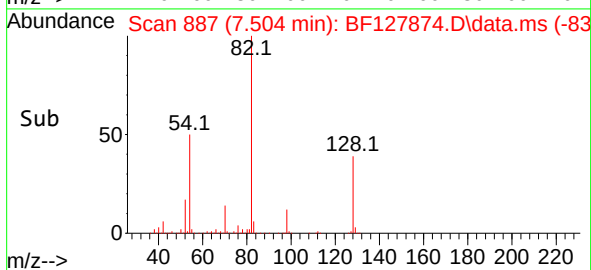
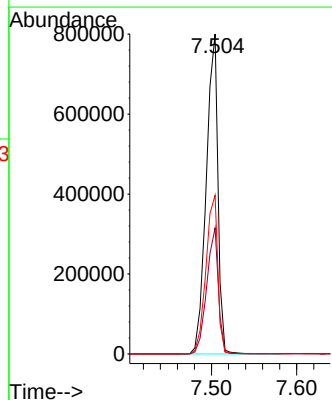
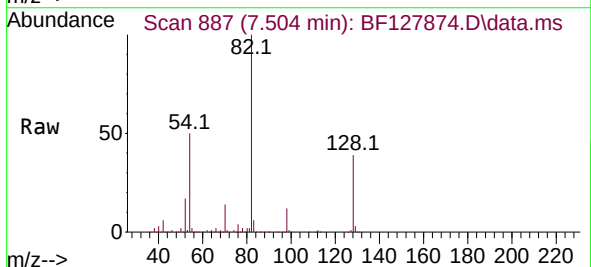
Instrument :
BNA_F
ClientSampleId :
MH-1S

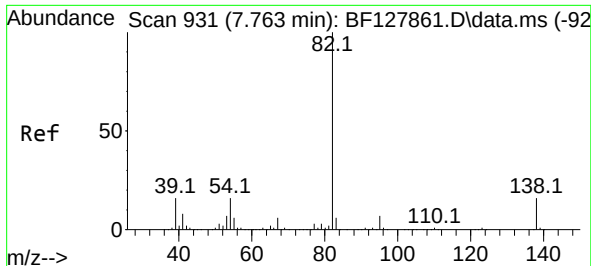
Tgt Ion:136 Resp: 1021724
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.6 6.8 10.2
68 6.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 35.007 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion: 82 Resp: 760612
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 49.6 41.3 61.9

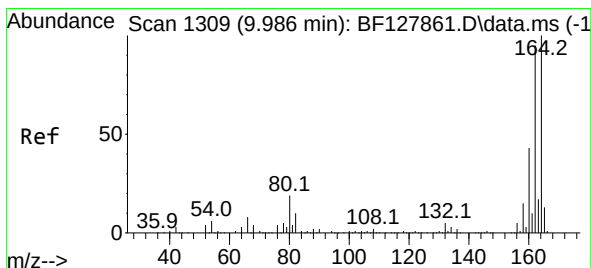
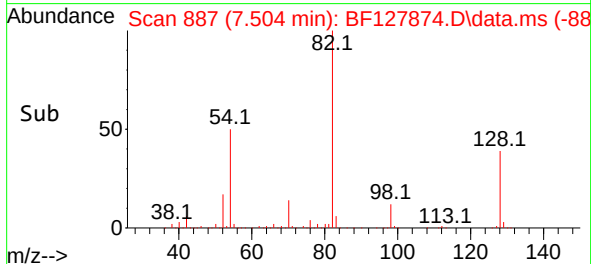
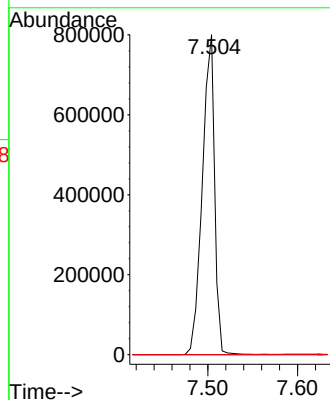
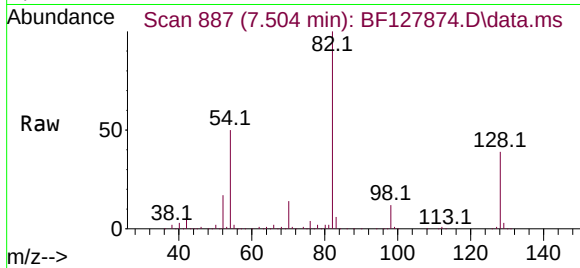




#25
Isophorone
Concen: 20.799 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

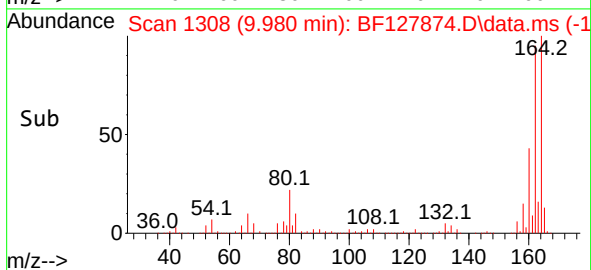
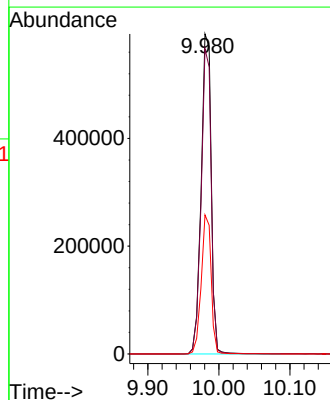
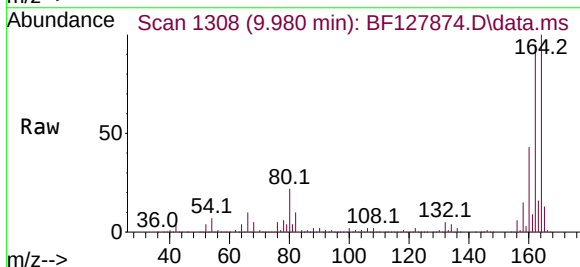
Instrument :
BNA_F
ClientSampleId :
MH-1S

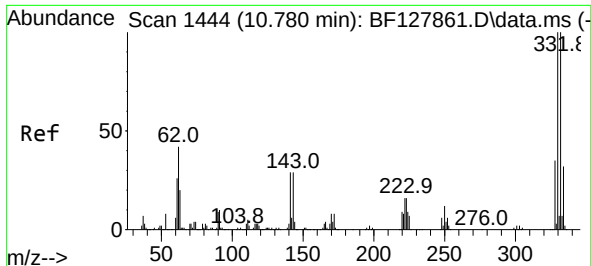
Tgt Ion: 82 Resp: 760600
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion:164 Resp: 587986
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 48.732 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127874.D

Acq: 25 Apr 2022 12:12

Instrument :

BNA_F

ClientSampleId :

MH-1S

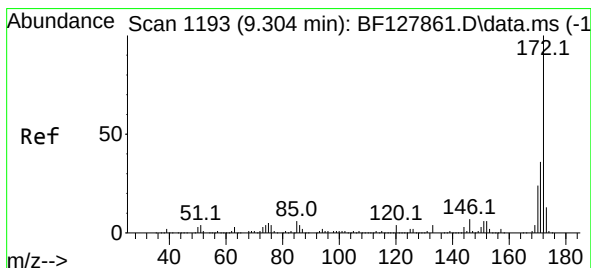
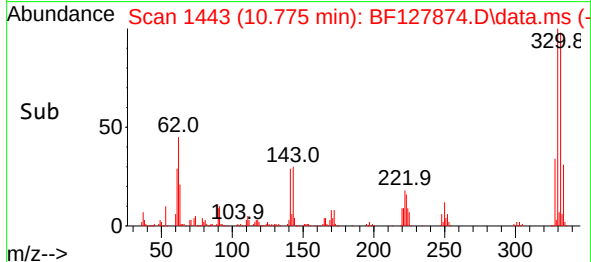
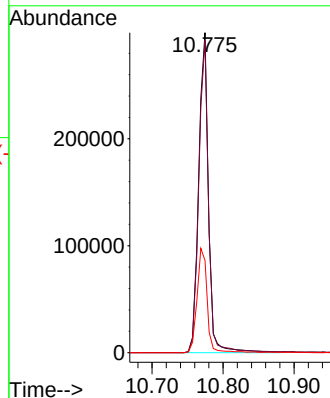
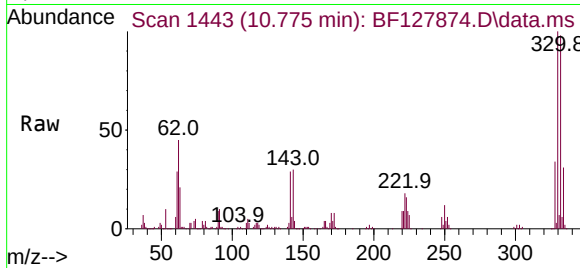
Tgt Ion:330 Resp: 288447

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 38.057 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127874.D

Acq: 25 Apr 2022 12:12

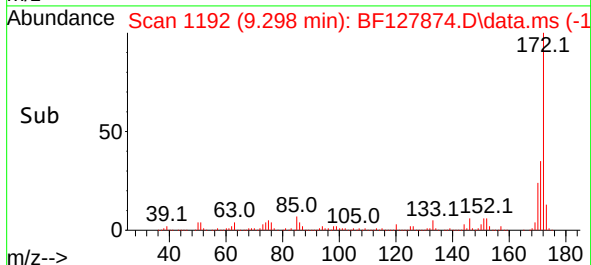
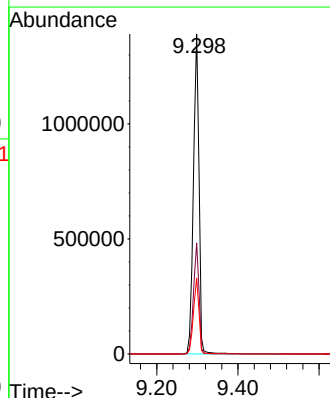
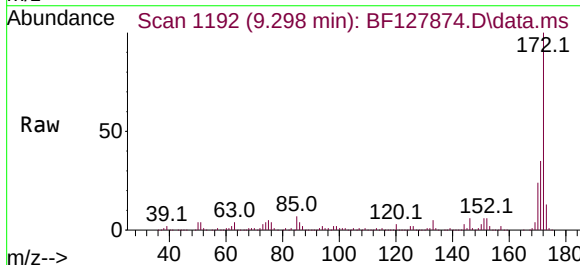
Tgt Ion:172 Resp: 1322712

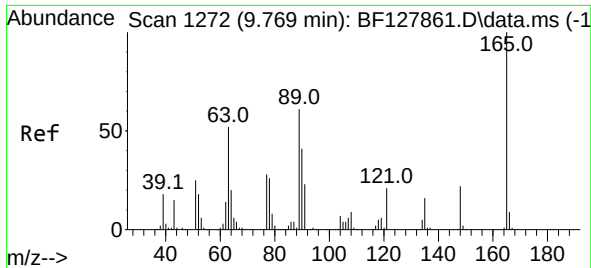
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.7 19.1 28.7

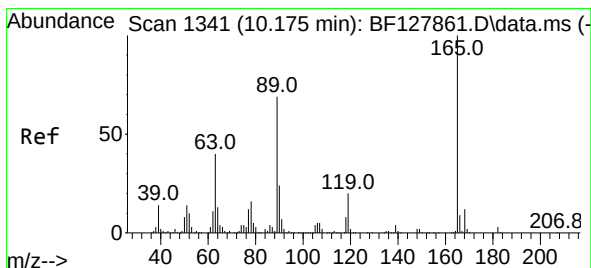
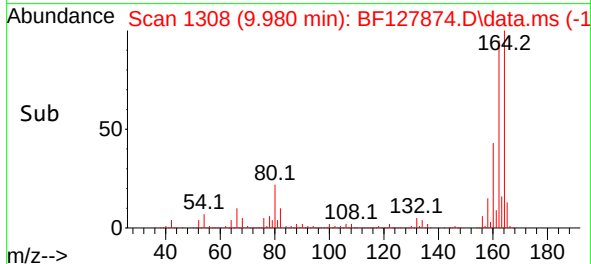
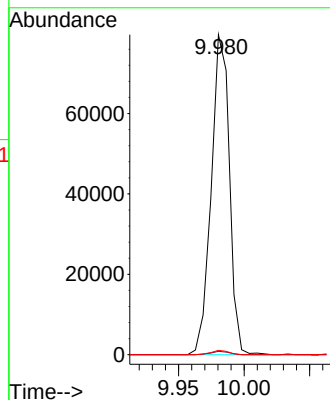
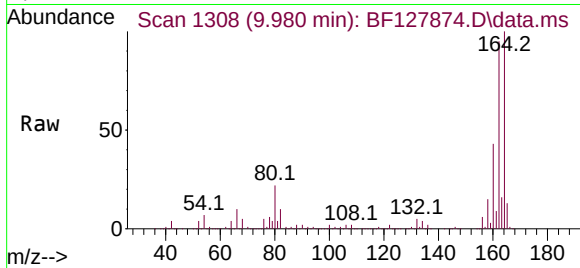




#51
2,6-Dinitrotoluene
Concen: 8.977 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

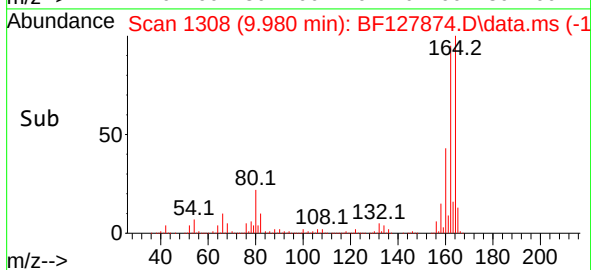
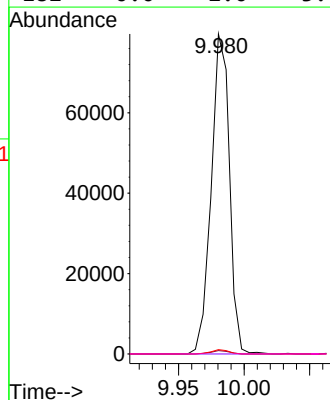
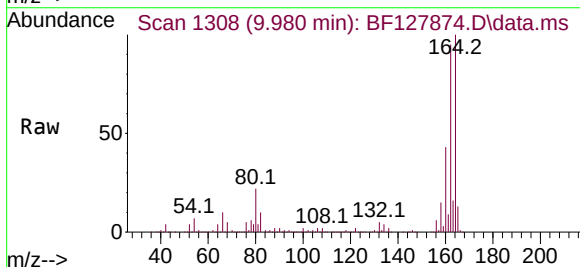
Instrument :
BNA_F
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MH-1S

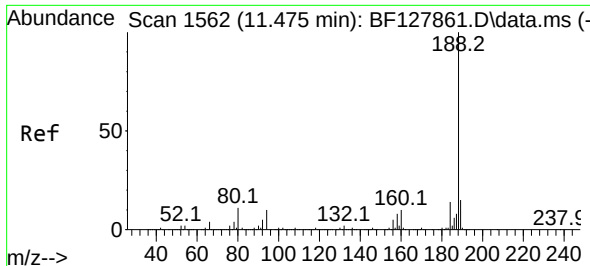
Tgt Ion:165 Resp: 76646
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.777 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion:165 Resp: 76646
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

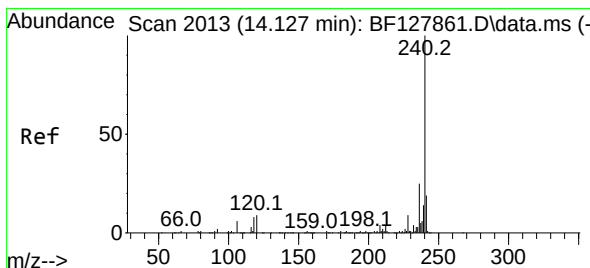
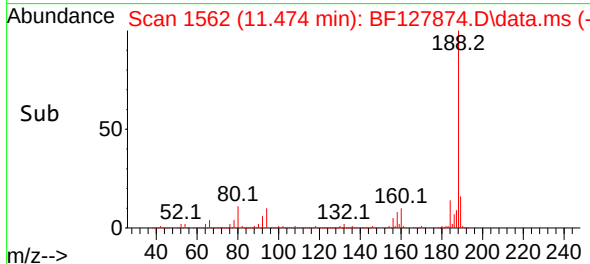
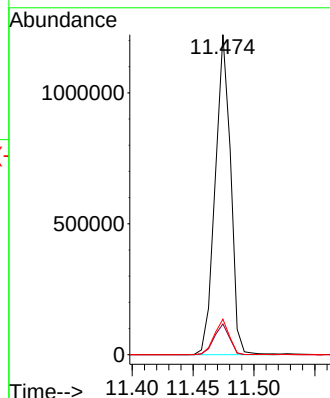
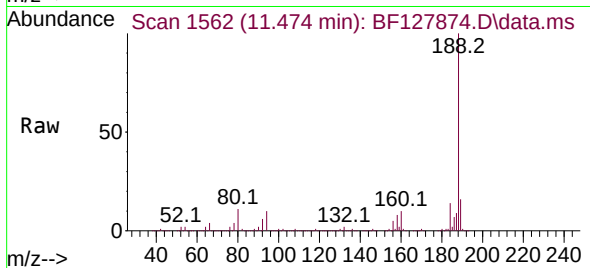




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

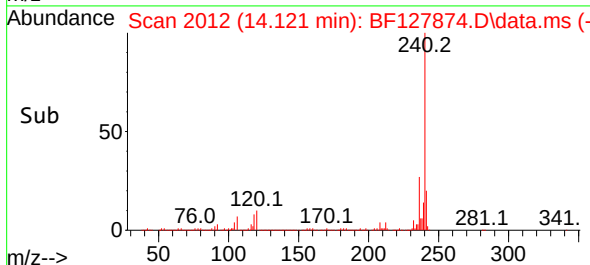
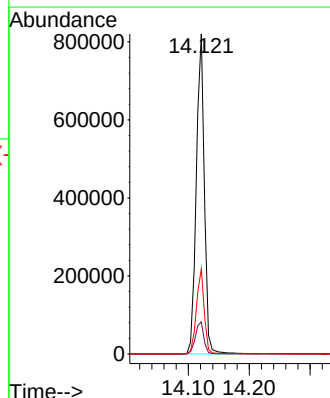
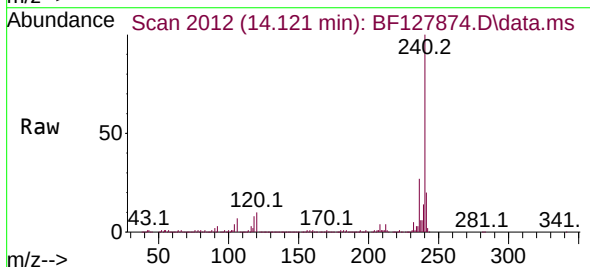
Instrument :
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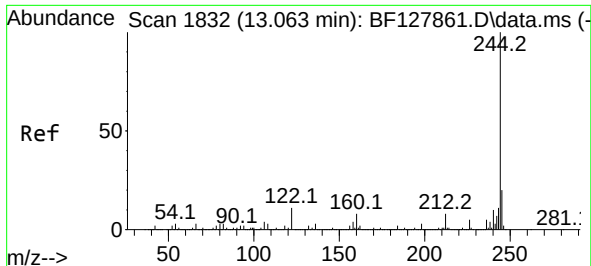
Tgt Ion:188 Resp: 1072153
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127874.D
Acq: 25 Apr 2022 12:12

Tgt Ion:240 Resp: 756277
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 26.6 20.3 30.5

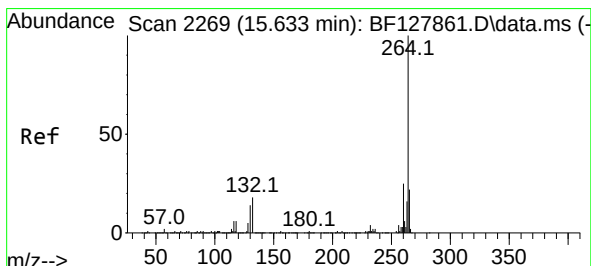
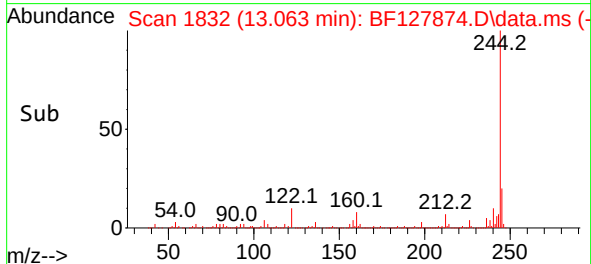
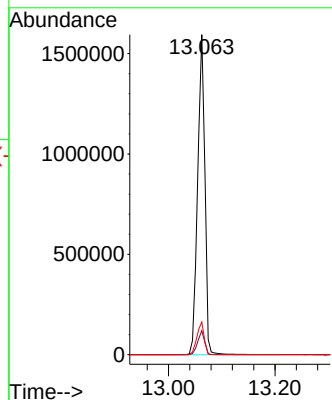
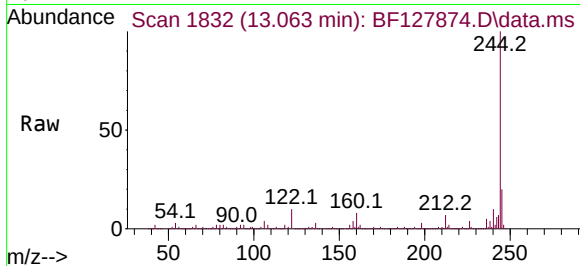




#79
 Terphenyl-d14
 Concen: 36.265 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF127874.D
 Acq: 25 Apr 2022 12:12

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Tgt Ion:244 Resp: 1499892
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF127874.D
 Acq: 25 Apr 2022 12:12

Tgt Ion:264 Resp: 653809
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.5 17.5 26.3

