

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127270.D
 Acq On : 08 Mar 2022 20:55
 Operator : CG\JU
 Sample : N1832-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-03072022

Quant Time: Mar 09 01:20:19 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)

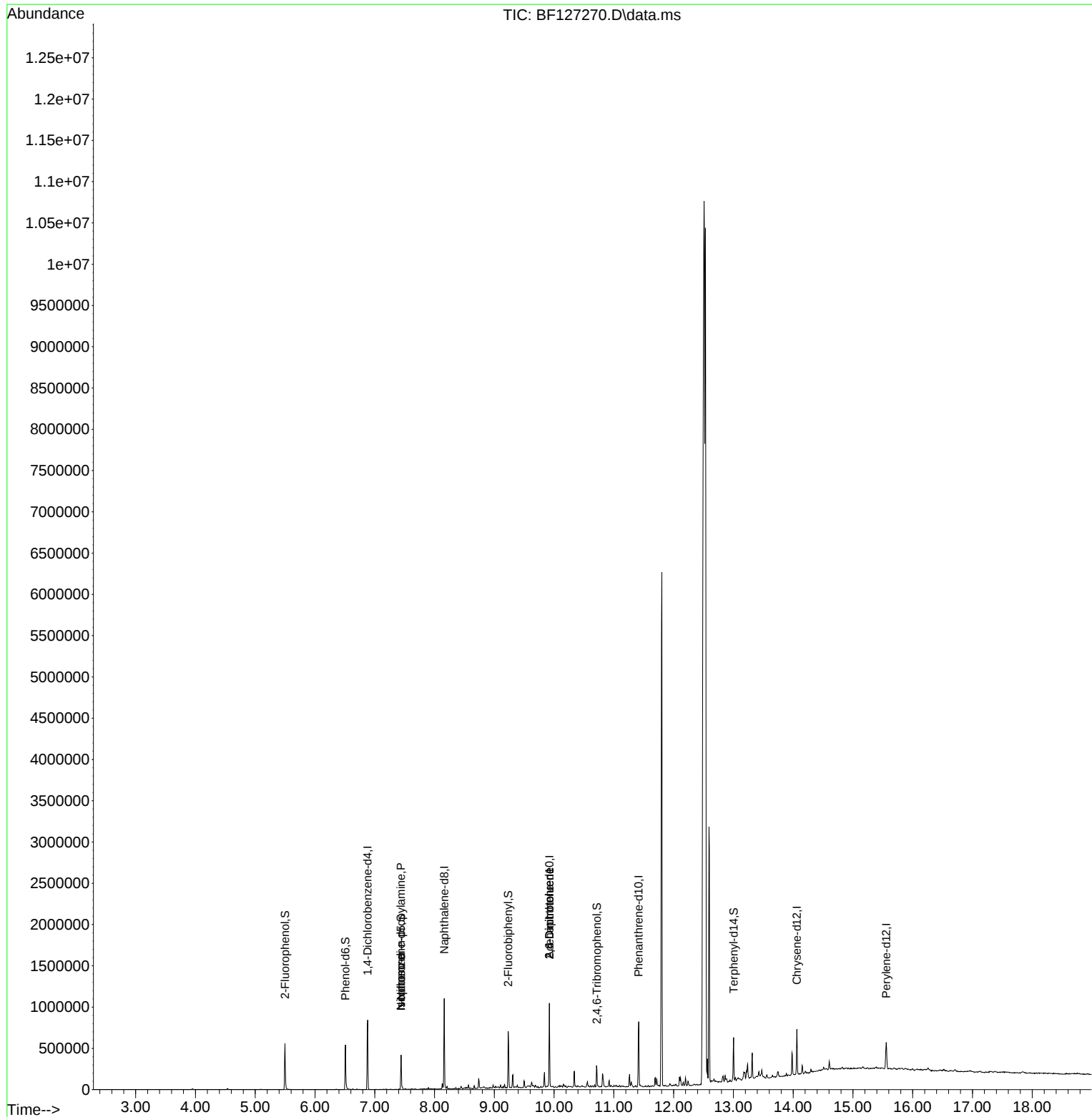
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114273	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	414937	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	174178	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	261621	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	166955	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	129198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	140264	18.971	ng	0.00
7) Phenol-d6	6.510	99	179842	18.026	ng	0.00
23) Nitrobenzene-d5	7.439	82	112884	12.280	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	29198	14.560	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	184146	15.564	ng	0.00
79) Terphenyl-d14	13.004	244	153099	13.480	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	15847	2.465	ng	# 81
25) Isophorone	7.439	82	112882	7.421	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	23842	9.413	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	23842	6.962	ng	# 16

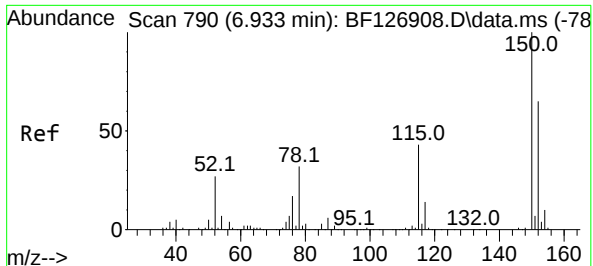
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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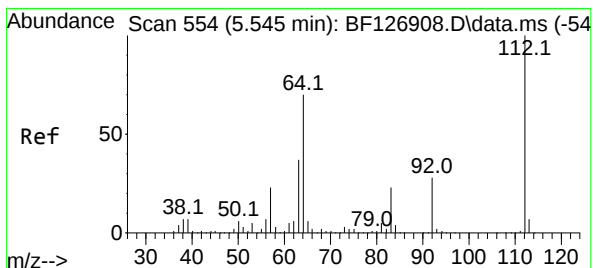
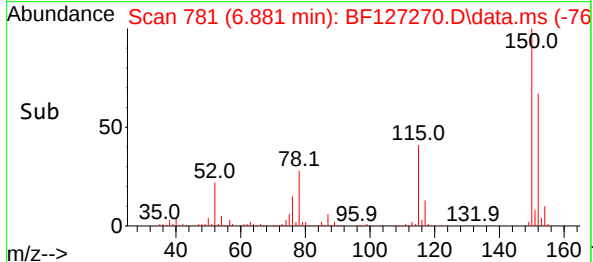
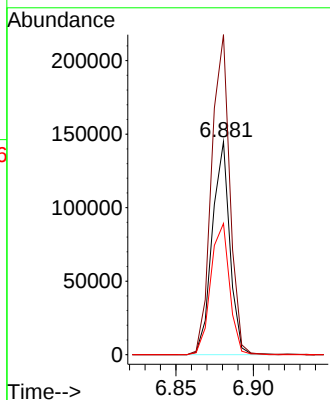
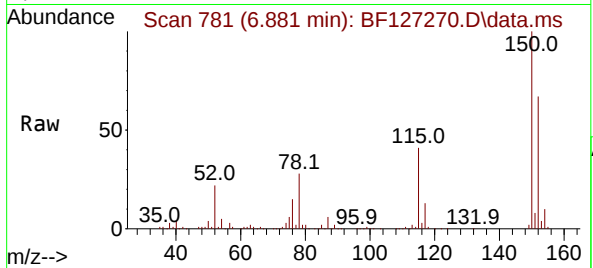




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

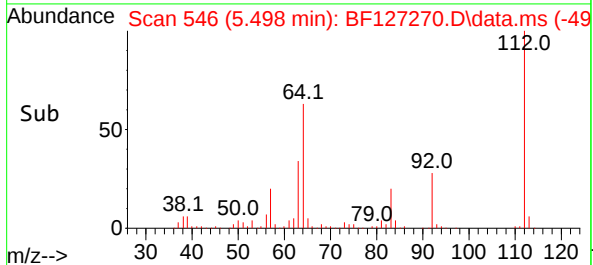
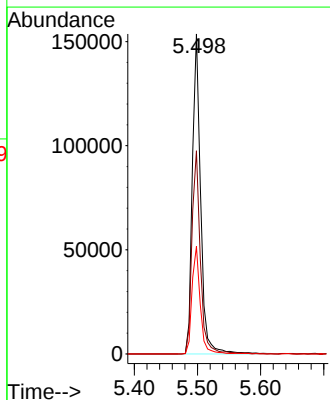
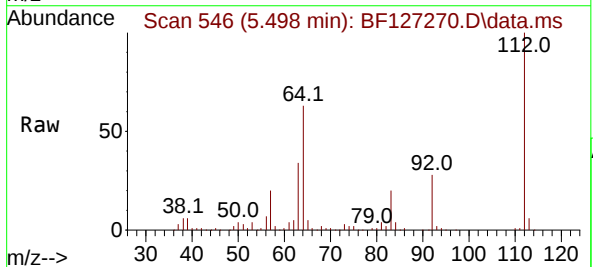
Instrument :
BNA_F
ClientSampleId :
BU-02-03072022

Tgt Ion:152 Resp: 114273
Ion Ratio Lower Upper
152 100
150 150.2 128.1 192.1
115 61.6 56.7 85.1



#5
2-Fluorophenol
Concen: 18.971 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion:112 Resp: 140264
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 33.6 23.9 35.9

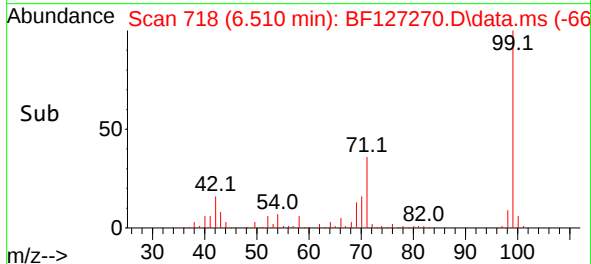
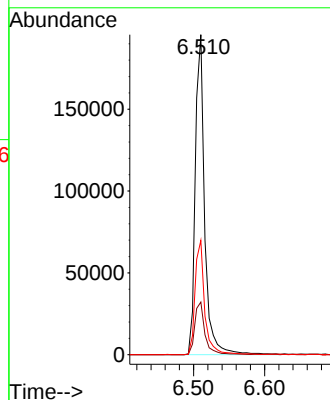
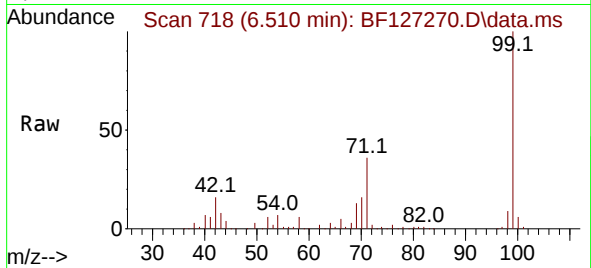




#7
Phenol-d6
Concen: 18.026 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

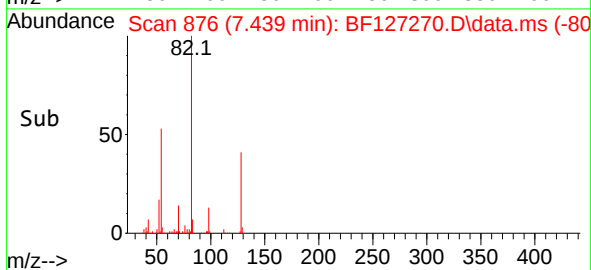
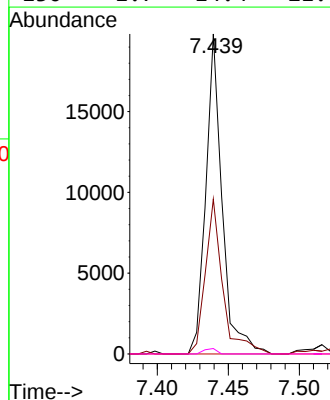
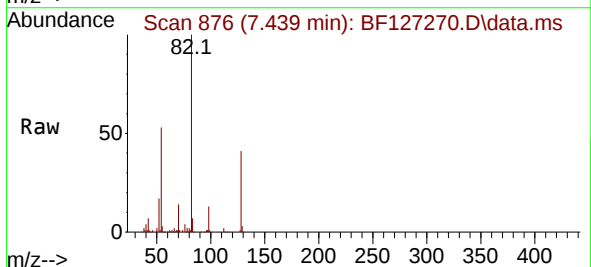
Instrument :
BNA_F
ClientSampleId :
BU-02-03072022

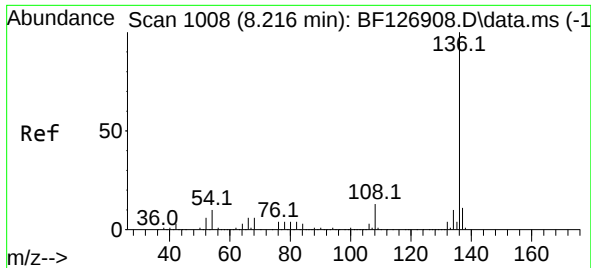
Tgt Ion: 99 Resp: 179842
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 35.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.465 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion: 70 Resp: 15847
Ion Ratio Lower Upper
70 100
42 48.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

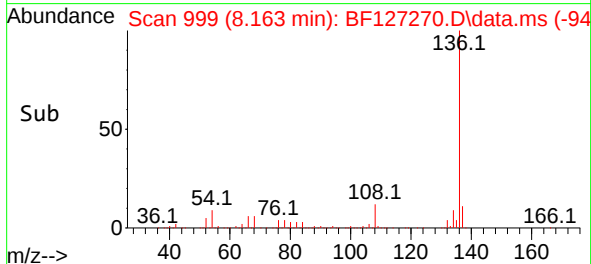
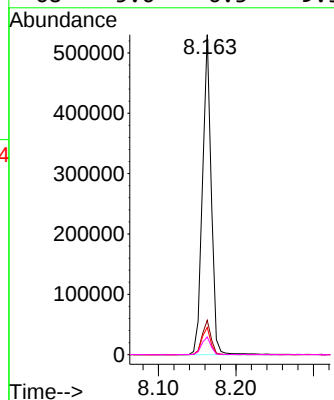
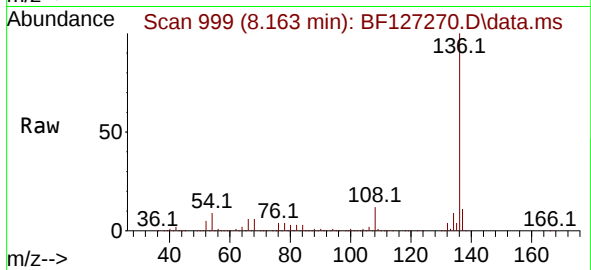




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

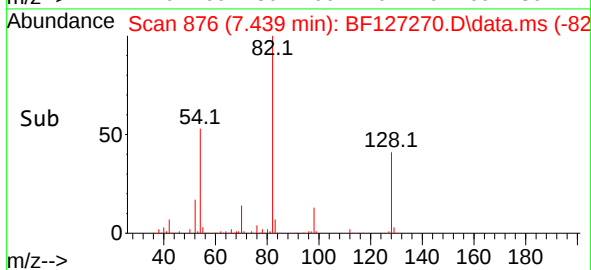
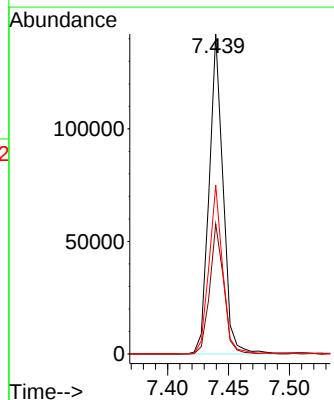
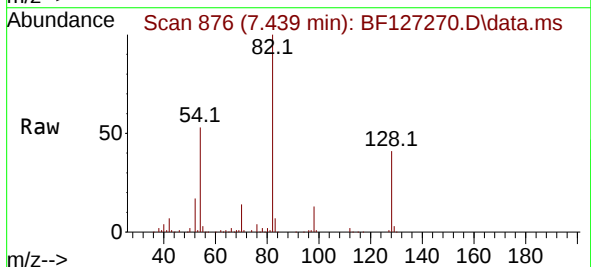
Instrument :
BNA_F
ClientSampleId :
BU-02-03072022

Tgt Ion:136 Resp: 414937
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 12.280 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion: 82 Resp: 112884
Ion Ratio Lower Upper
82 100
128 40.6 32.7 49.1
54 52.8 41.7 62.5

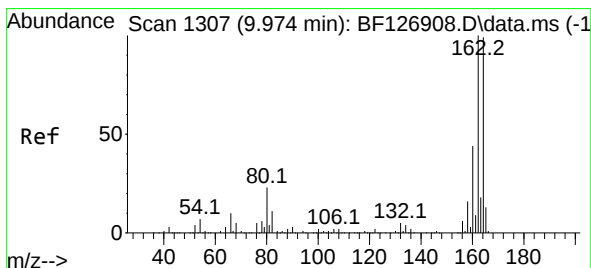
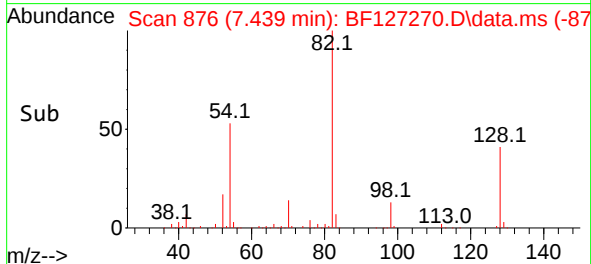
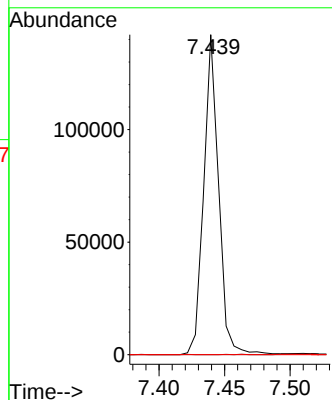
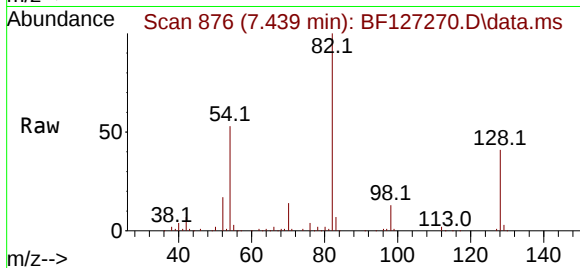




#25
Isophorone
Concen: 7.421 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

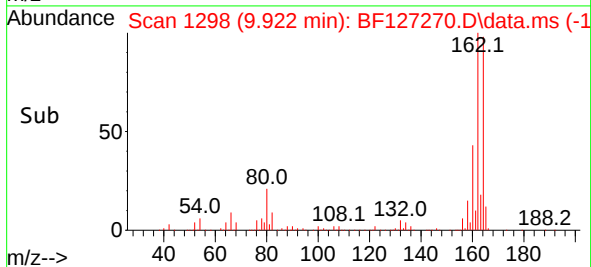
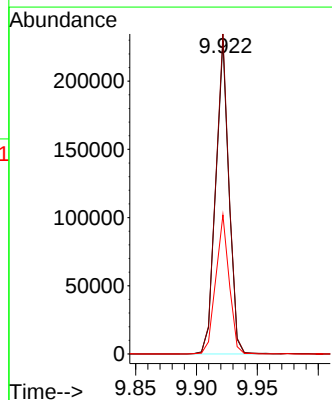
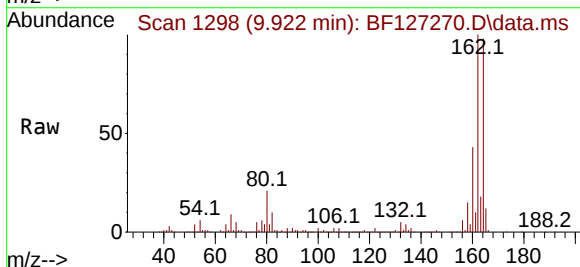
Instrument :
BNA_F
ClientSampleId :
BU-02-03072022

Tgt Ion: 82 Resp: 112882
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: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion: 164 Resp: 174178
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.4 36.6 54.8

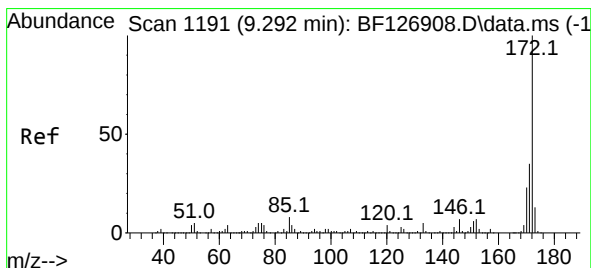
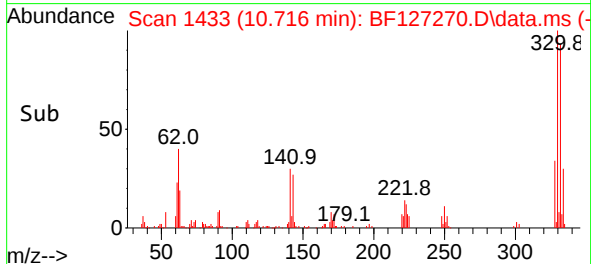
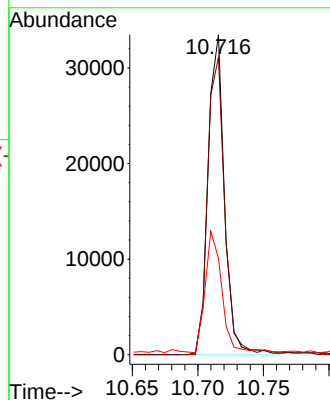
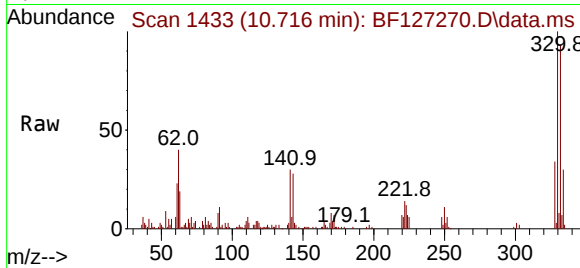




#42
2,4,6-Tribromophenol
Concen: 14.560 ng
RT: 10.716 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

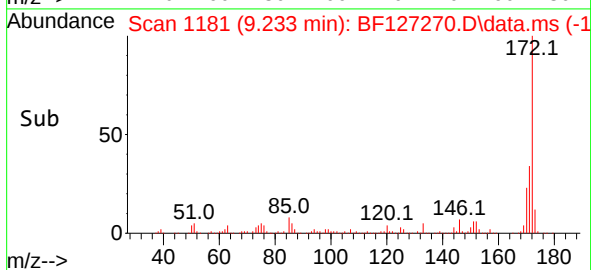
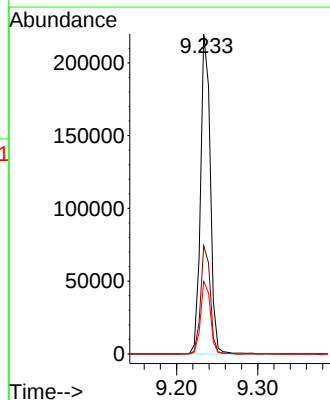
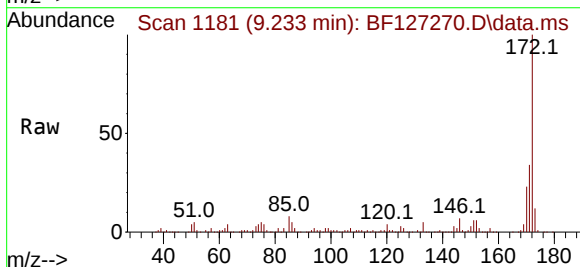
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ClientSampleId :
BU-02-03072022

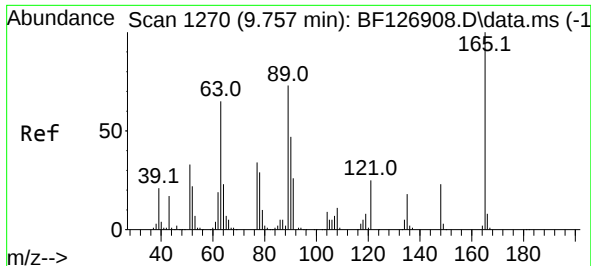
Tgt Ion: 330 Resp: 29198
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 37.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 15.564 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion: 172 Resp: 184146
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.413 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127270.D

Acq: 08 Mar 2022 20:55

Instrument :

BNA_F

ClientSampleId :

BU-02-03072022

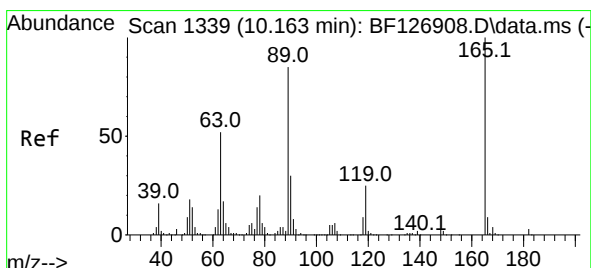
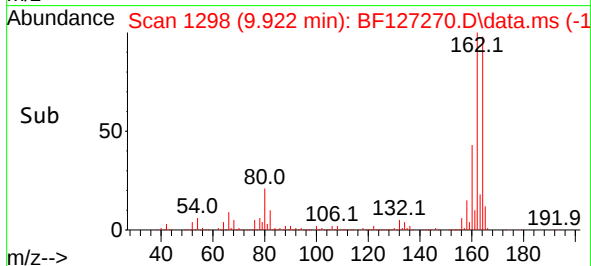
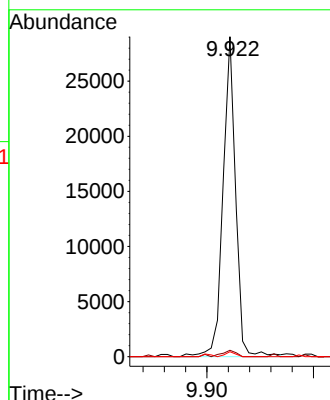
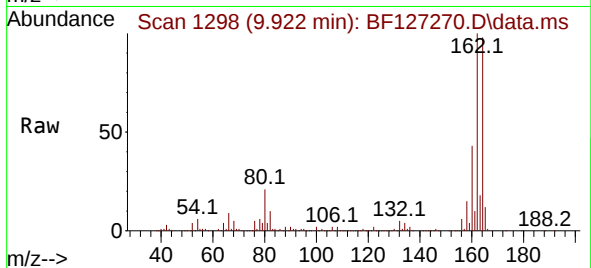
Tgt Ion:165 Resp: 23842

Ion Ratio Lower Upper

165 100

63 2.0 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.962 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.194 min

Lab File: BF127270.D

Acq: 08 Mar 2022 20:55

Tgt Ion:165 Resp: 23842

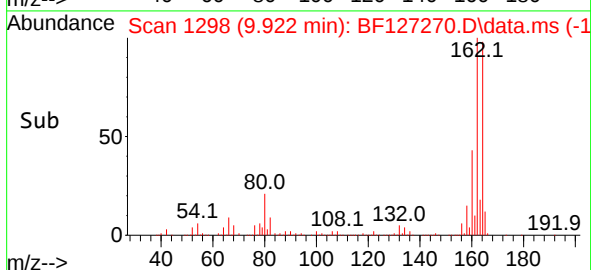
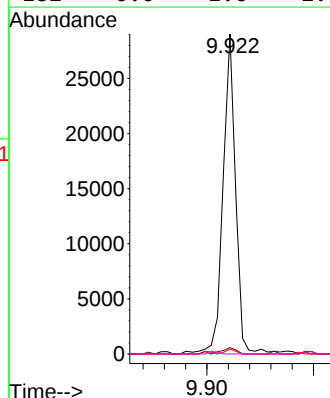
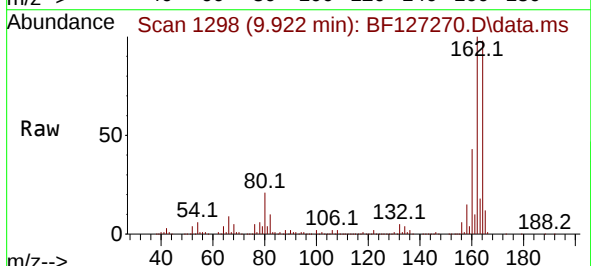
Ion Ratio Lower Upper

165 100

63 2.0 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

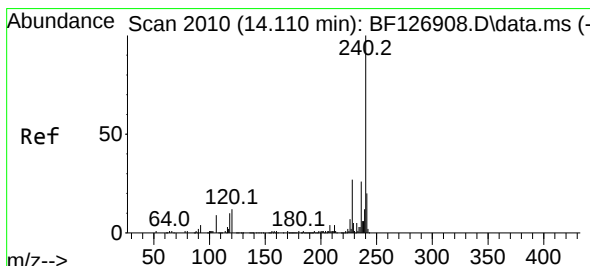
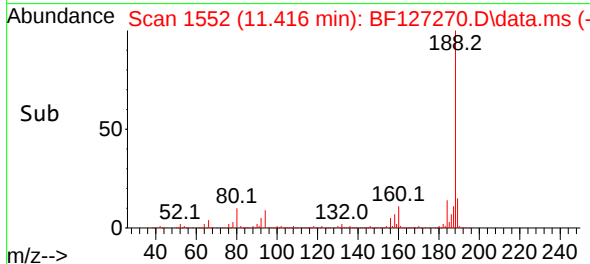
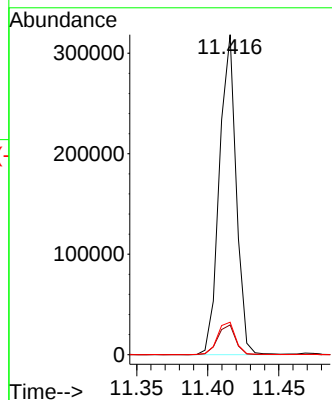
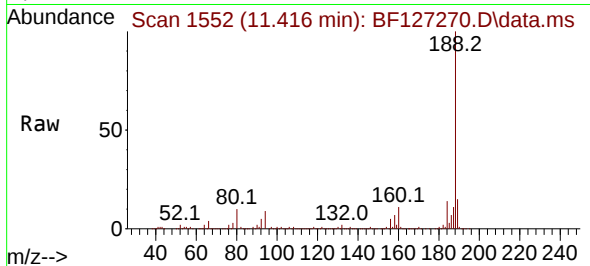




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

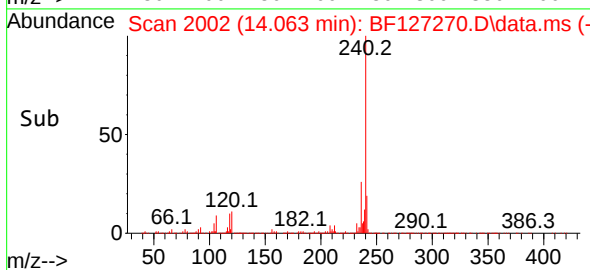
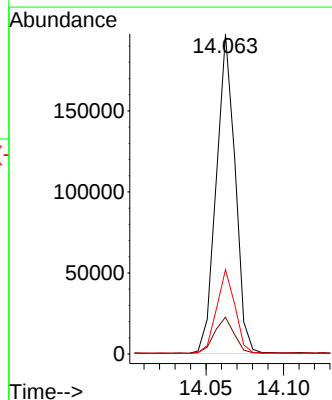
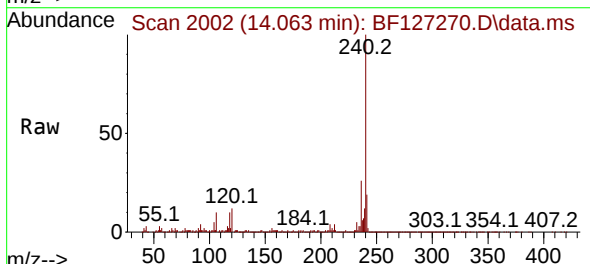
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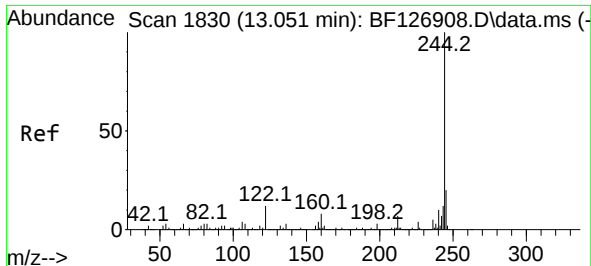
Tgt Ion:188 Resp: 261621
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.1 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127270.D
Acq: 08 Mar 2022 20:55

Tgt Ion:240 Resp: 166955
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 26.3 20.5 30.7

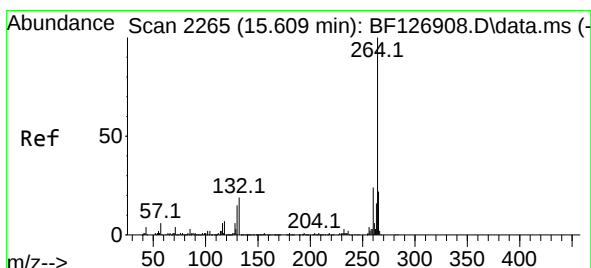
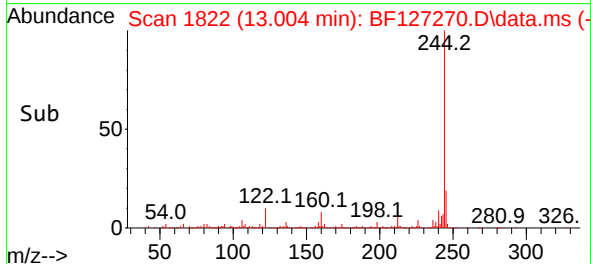
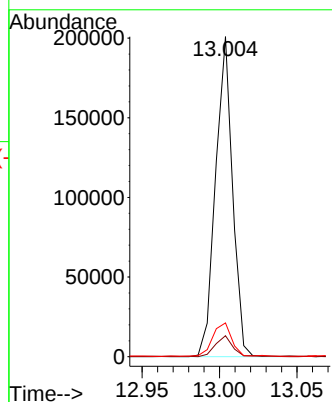
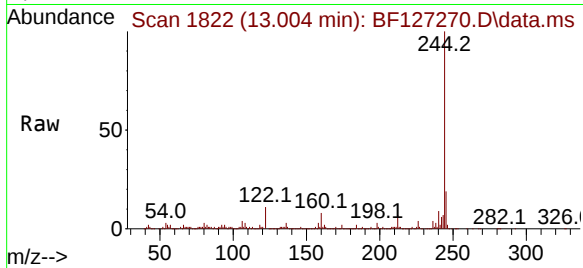




#79
 Terphenyl-d14
 Concen: 13.480 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127270.D
 Acq: 08 Mar 2022 20:55

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-03072022

Tgt Ion:244 Resp: 153099
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.6 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: BF127270.D
 Acq: 08 Mar 2022 20:55

Tgt Ion:264 Resp: 129198
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.4 26.2

