

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127371.D
 Acq On : 17 Mar 2022 12:53
 Operator : CG\JU
 Sample : N1943-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1

Quant Time: Mar 17 13:46:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

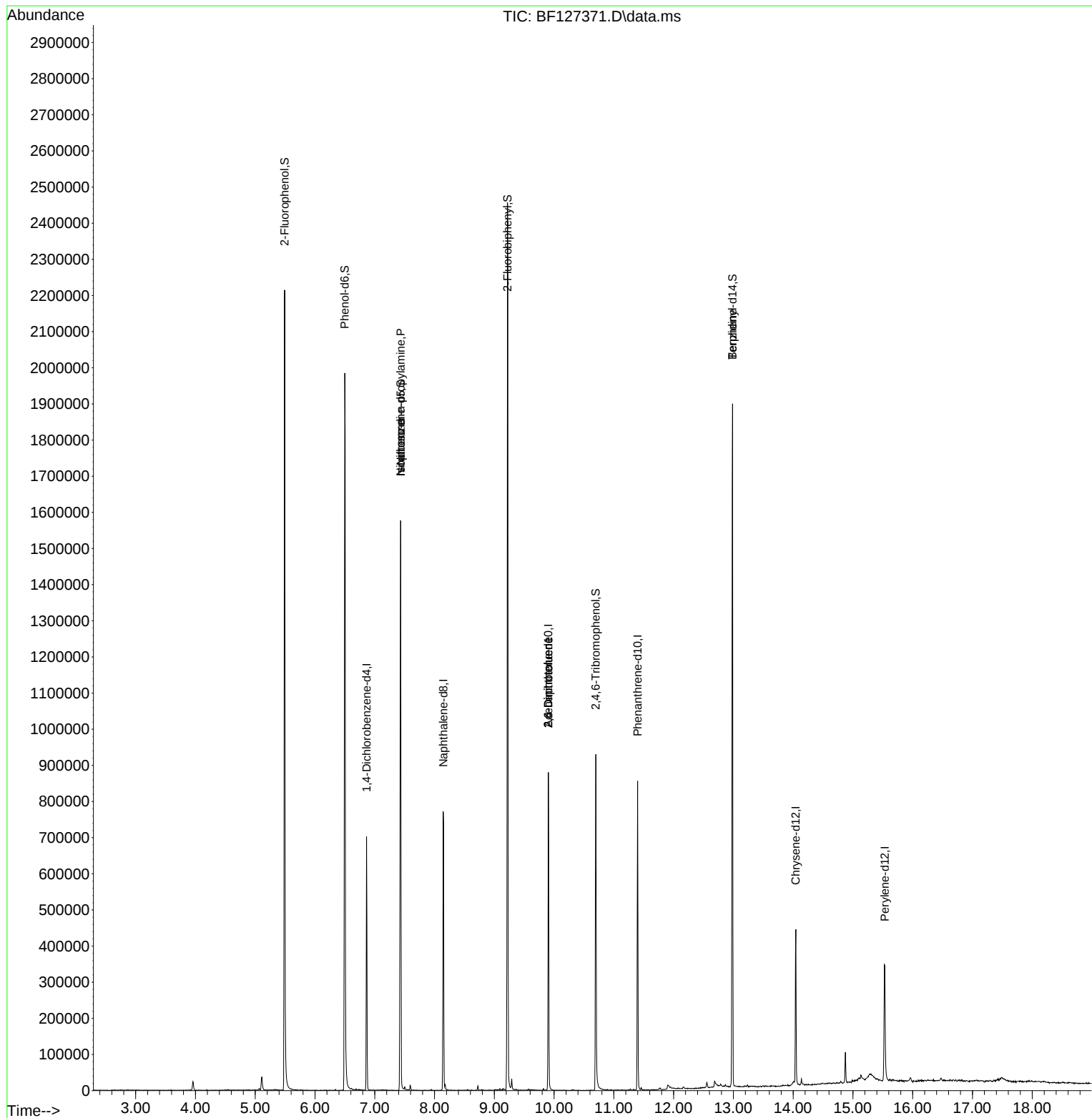
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90275	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	334251	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	177641	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	287980	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	151522	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	166755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	510687	90.940	ng	0.00
7) Phenol-d6	6.498	99	709819	91.884	ng	0.00
23) Nitrobenzene-d5	7.433	82	480903	59.418	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	97893	51.191	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	817229	65.041	ng	-0.01
79) Terphenyl-d14	12.986	244	649595	73.822	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1069	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	66424	13.779	ng	# 87
25) Isophorone	7.433	82	480903	36.952	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	22720	8.824	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	22720	6.706	ng	# 15
77) Benzidine	12.986	184	9326	2.420	ng	# 95

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

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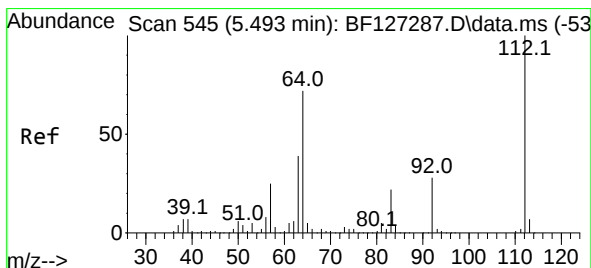
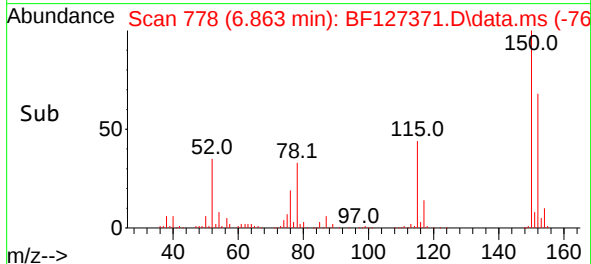
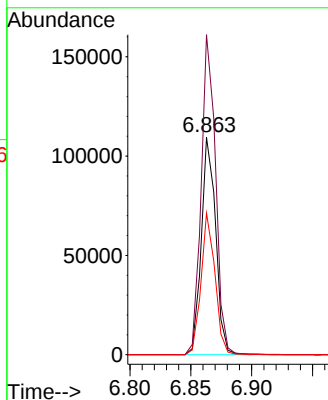
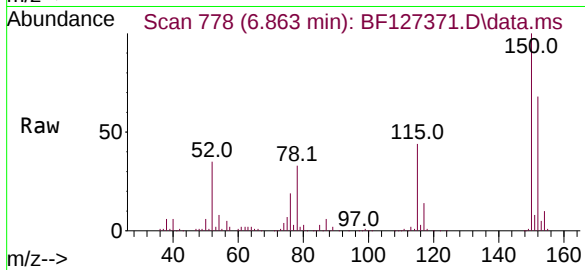




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

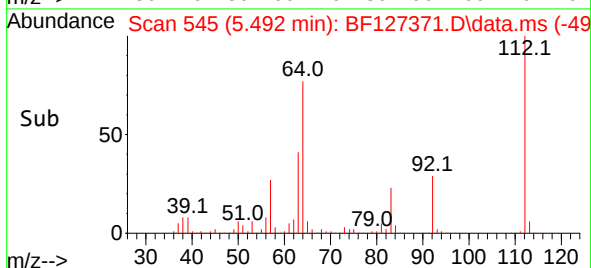
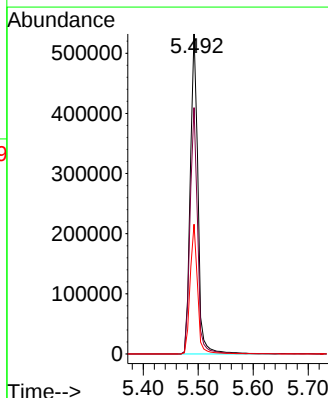
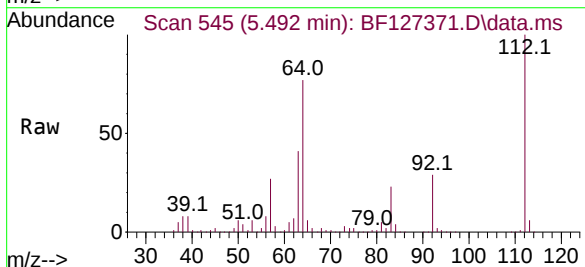
Instrument :
BNA_F
ClientSampleId :
B1

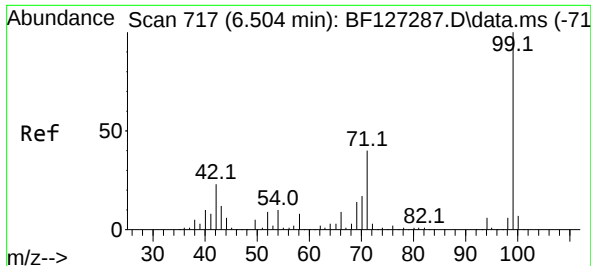
Tgt Ion:152 Resp: 90275
Ion Ratio Lower Upper
152 100
150 147.3 128.1 192.1
115 65.2 56.7 85.1



#5
2-Fluorophenol
Concen: 90.940 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion:112 Resp: 510687
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 40.5 23.9 35.9#





#7

Phenol-d6

Concen: 91.884 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Instrument :

BNA_F

ClientSampleId :

B1

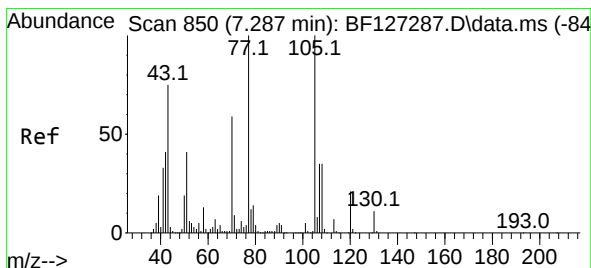
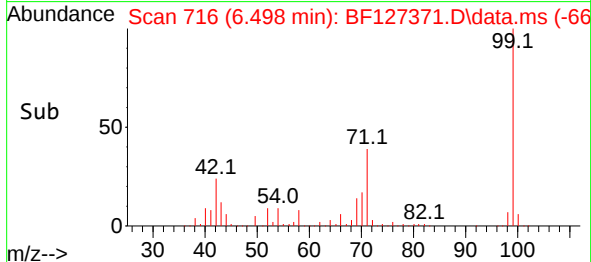
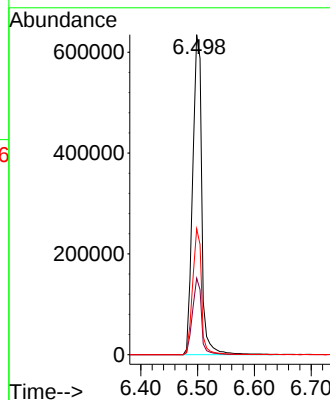
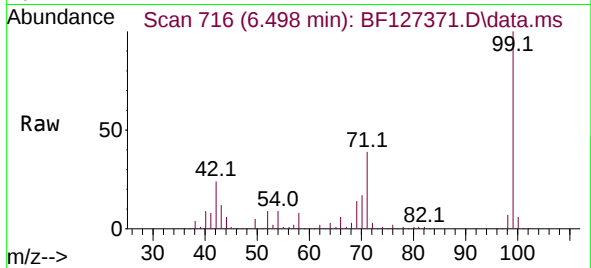
Tgt Ion: 99 Resp: 709819

Ion Ratio Lower Upper

99 100

42 23.9 14.2 21.4#

71 39.3 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.779 ng

RT: 7.433 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Tgt Ion: 70 Resp: 66424

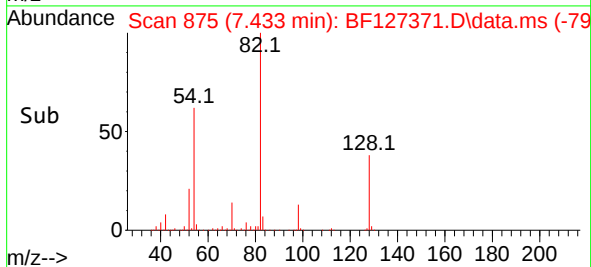
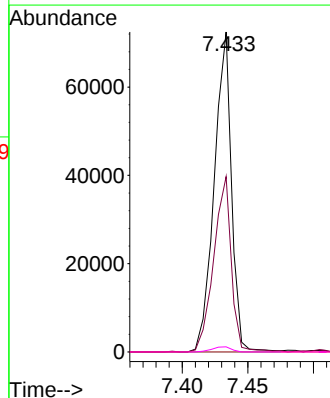
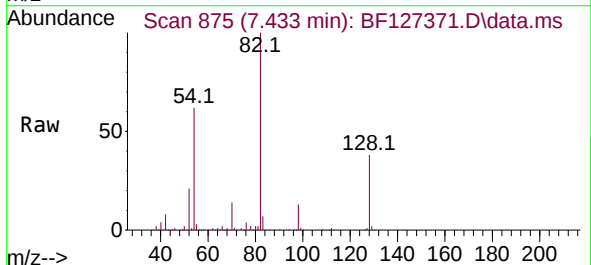
Ion Ratio Lower Upper

70 100

42 54.8 45.8 68.8

101 0.0 6.9 10.3#

130 1.6 14.4 21.6#

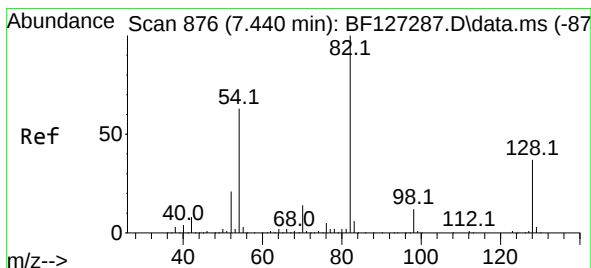
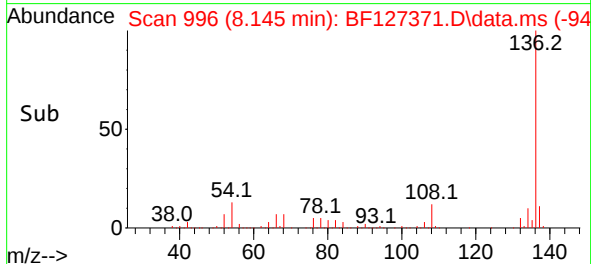
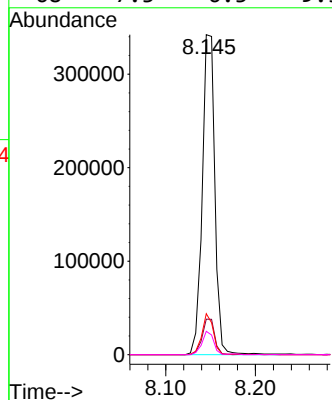
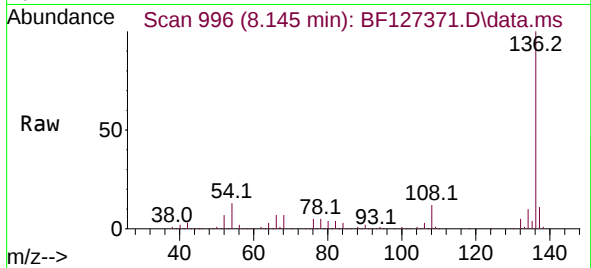




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

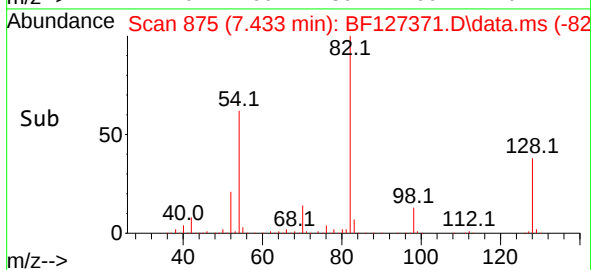
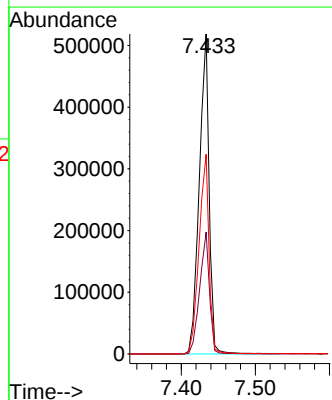
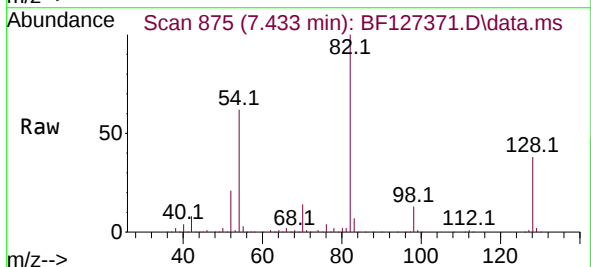
Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:136 Resp: 334251
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.8 7.8 11.6#
68 7.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 59.418 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion: 82 Resp: 480903
Ion Ratio Lower Upper
82 100
128 38.1 32.7 49.1
54 62.4 41.7 62.5

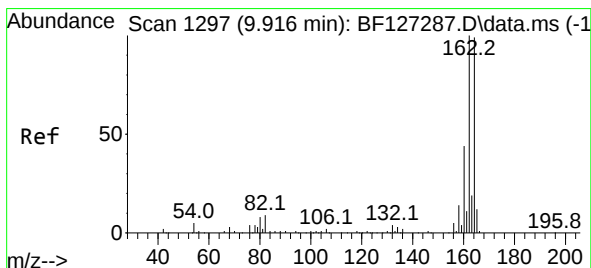
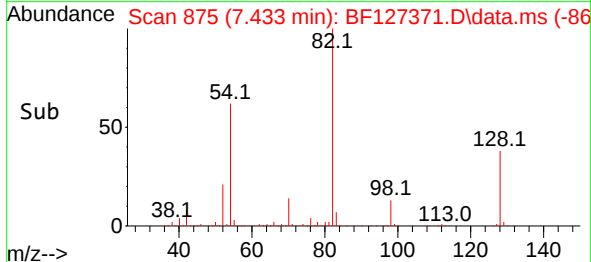
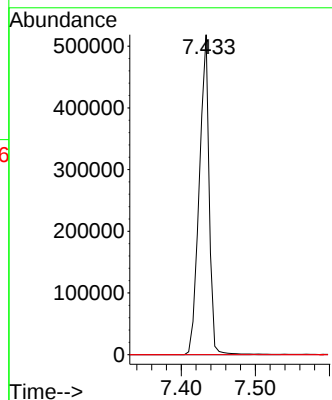
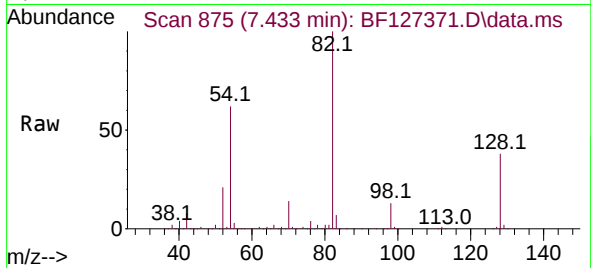




#25
Isophorone
Concen: 36.952 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

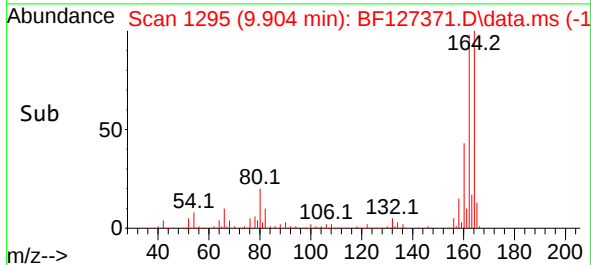
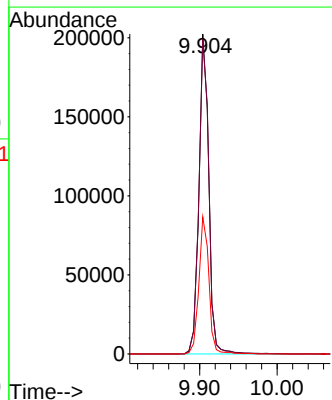
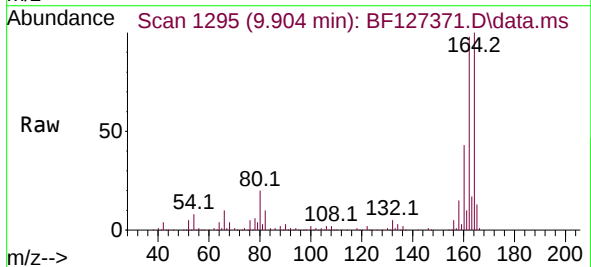
Instrument :
BNA_F
ClientSampleId :
B1

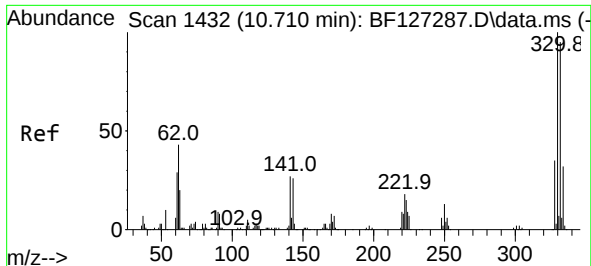
Tgt Ion: 82 Resp: 480903
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion:164 Resp: 177641
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 51.191 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Instrument :

BNA_F

ClientSampleId :

B1

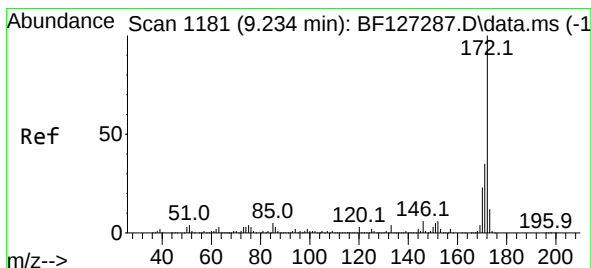
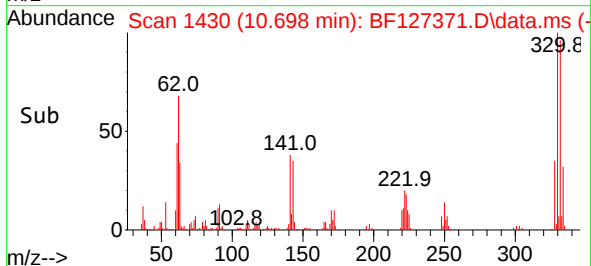
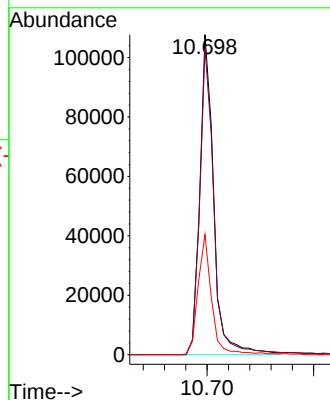
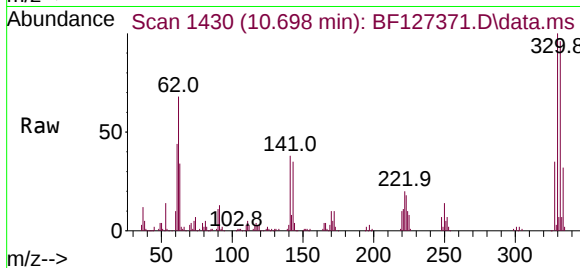
Tgt Ion:330 Resp: 97893

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.041 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

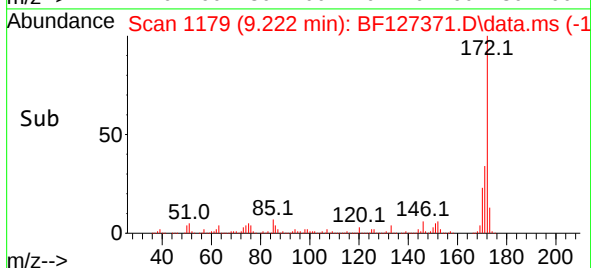
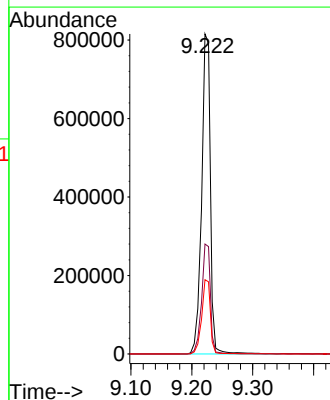
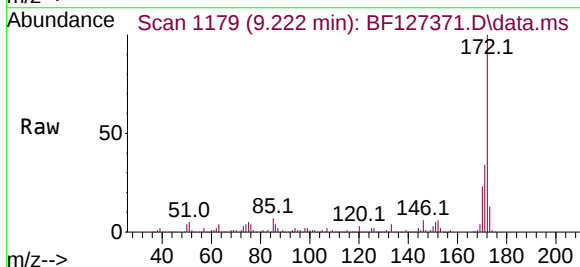
Tgt Ion:172 Resp: 817229

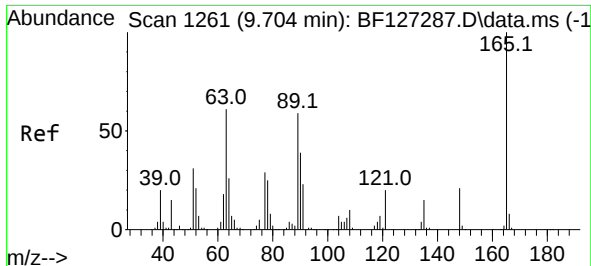
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.2 19.0 28.6

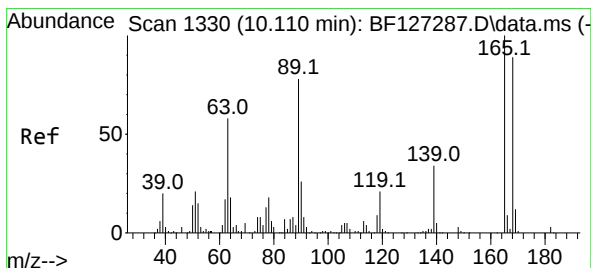
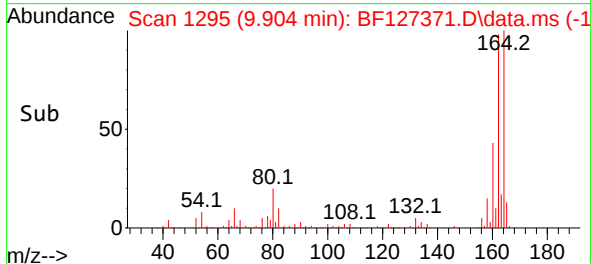
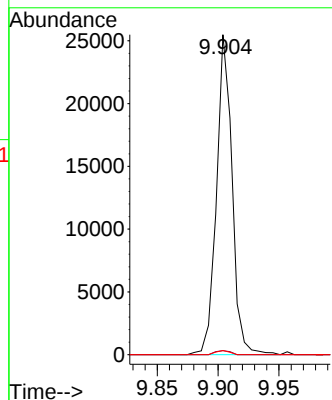
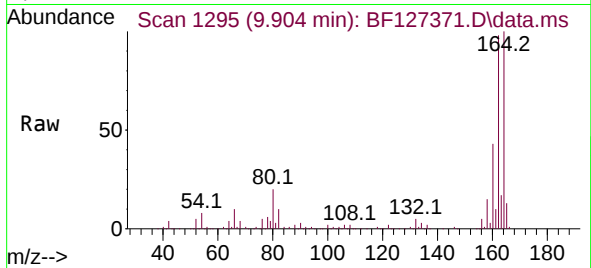




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

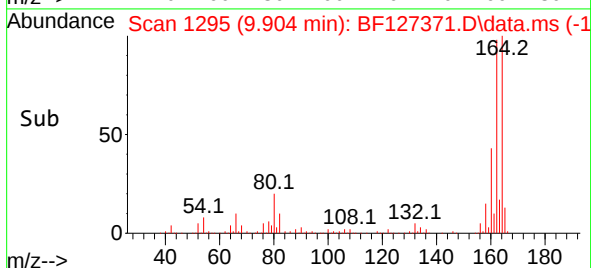
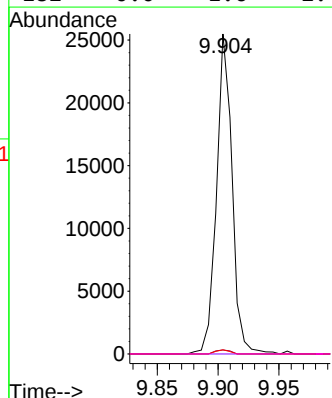
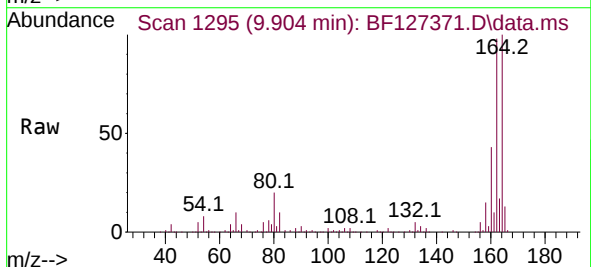
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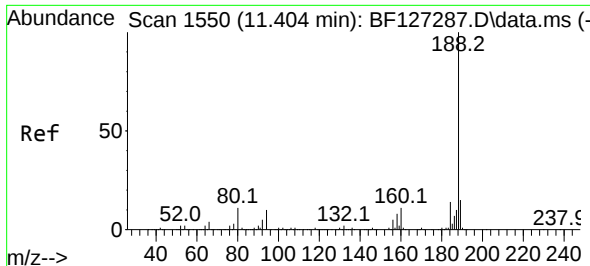
Tgt Ion:165 Resp: 22720
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion:165 Resp: 22720
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

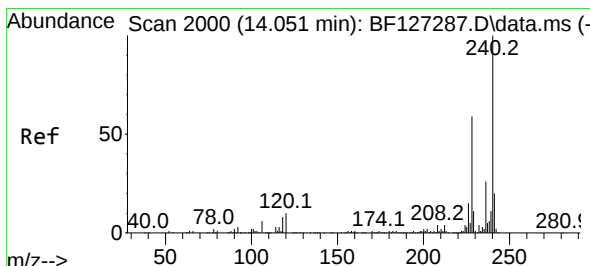
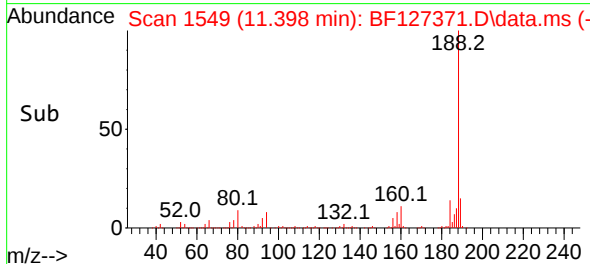
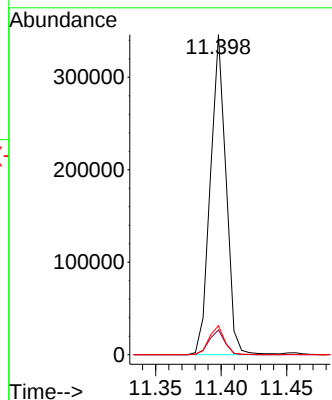
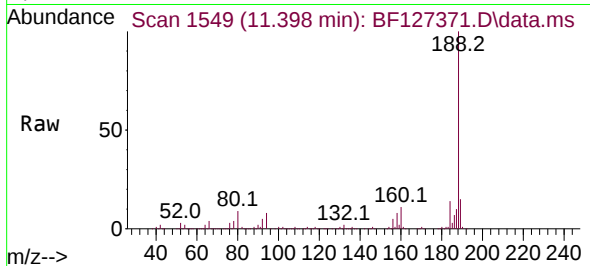




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

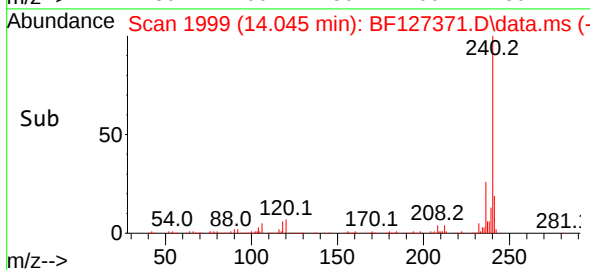
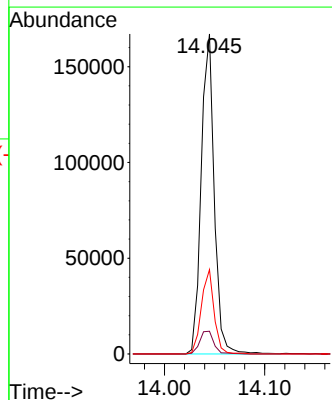
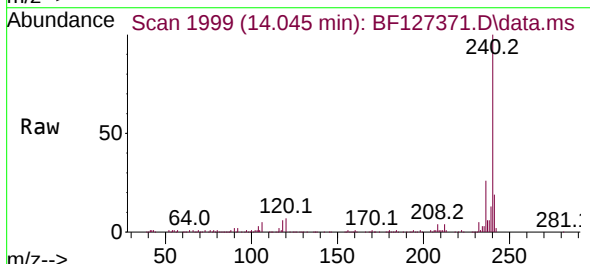
Instrument :
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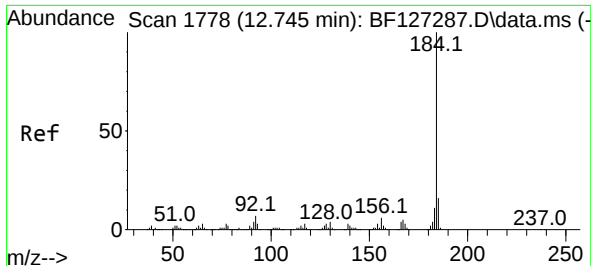
Tgt Ion:188 Resp: 287980
Ion Ratio Lower Upper
188 100
94 7.7 10.1 15.1#
80 9.0 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion:240 Resp: 151522
Ion Ratio Lower Upper
240 100
120 7.1 14.4 21.6#
236 26.4 20.5 30.7

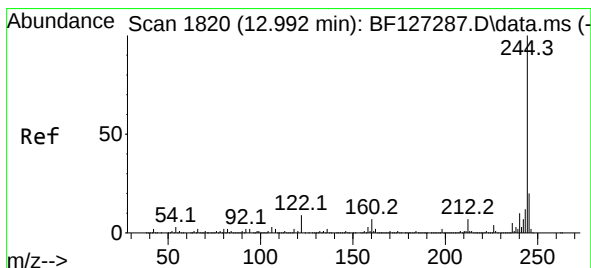
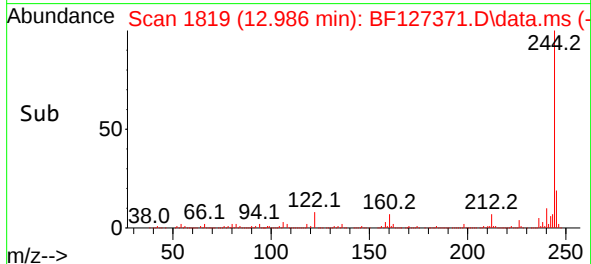
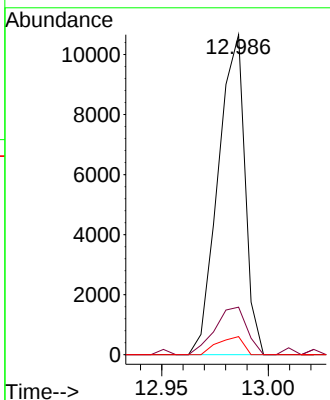
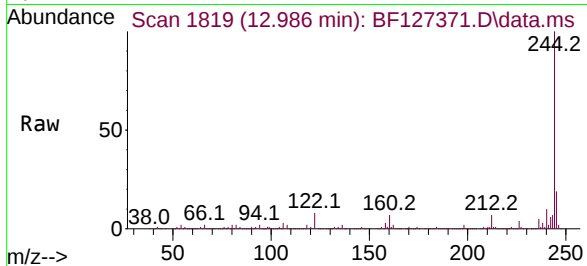




#77
Benzidine
Concen: 2.420 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

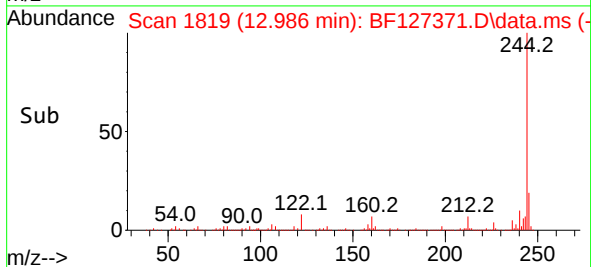
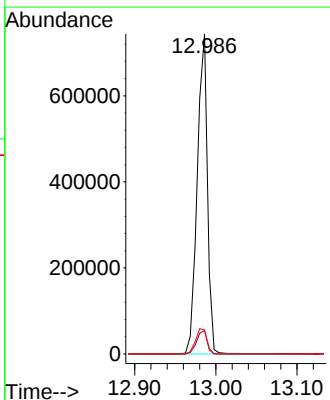
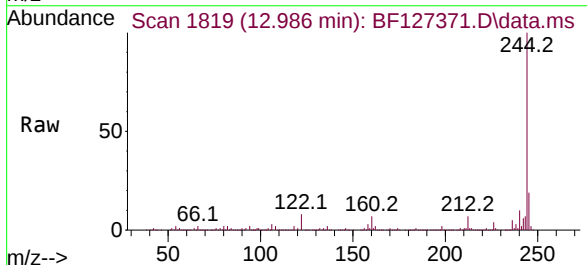
Instrument :
BNA_F
ClientSampleId :
B1

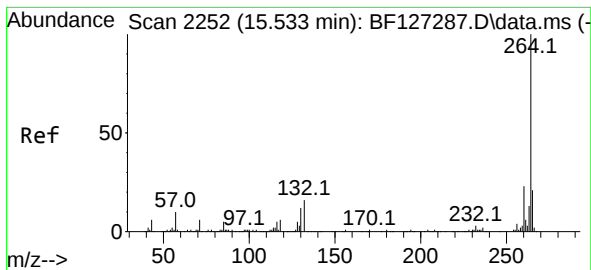
Tgt Ion:184 Resp: 9326
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 5.6 8.2 12.2#



#79
Terphenyl-d14
Concen: 73.822 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127371.D
Acq: 17 Mar 2022 12:53

Tgt Ion:244 Resp: 649595
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 7.5 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127371.D

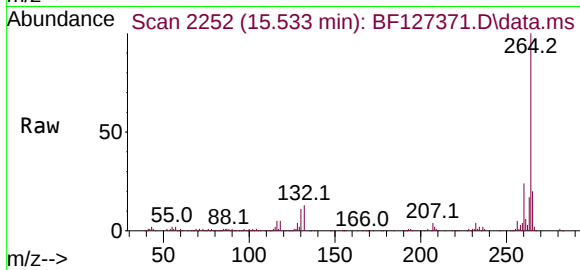
Acq: 17 Mar 2022 12:53

Instrument :

BNA_F

ClientSampleId :

B1



Tgt Ion:264 Resp: 166755

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 19.9 17.4 26.2

