

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126517.D
 Acq On : 6 Jan 2022 14:57
 Operator : JU/CG
 Sample : N1014-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944

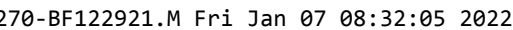
Quant Time: Jan 07 08:32:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	107579	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	451788	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	220351	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	363078	20.000	ng	0.00
76) Chrysene-d12	13.951	240	235611	20.000	ng	0.00
86) Perylene-d12	15.410	264	210847	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	818935	109.319	ng	0.01
7) Phenol-d6	6.416	99	906586	93.436	ng	0.00
23) Nitrobenzene-d5	7.345	82	705893	80.225	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	248899	146.175	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1051269	83.955	ng	-0.01
79) Terphenyl-d14	12.898	244	979791	80.797	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	88870	16.051	ng	# 80
25) Isophorone	7.345	82	703592	44.669	ng	# 69
32) Benzoic acid	7.857	122	481	7.168	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	28944	9.743	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	28944	7.552	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	13112	4.069	ng	# 1
77) Benzidine	12.898	184	12200	Below Cal		98

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

Quant Time: Jan 07 08:32:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

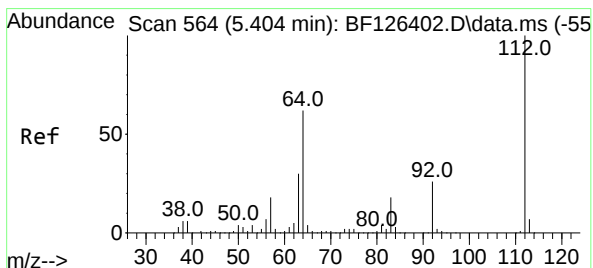
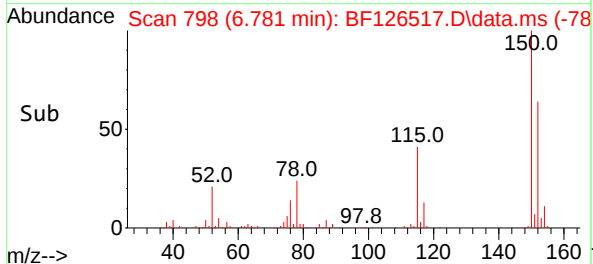
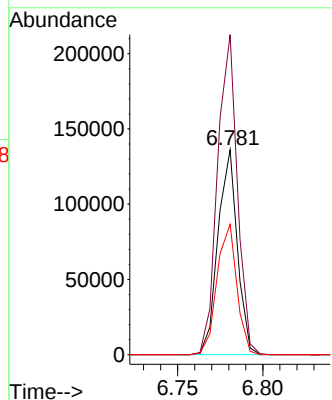
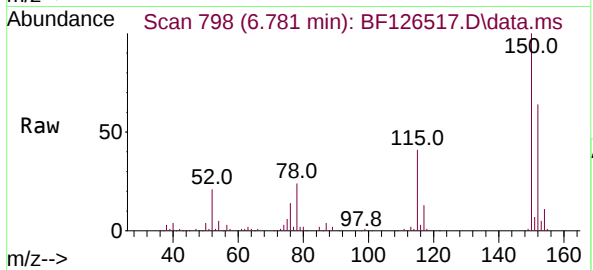




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

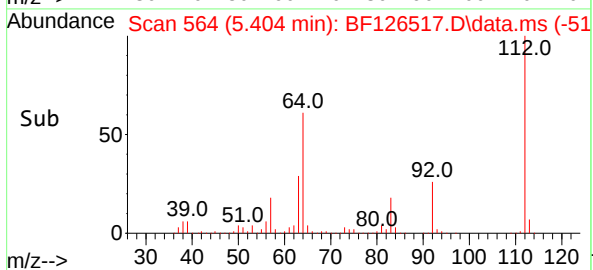
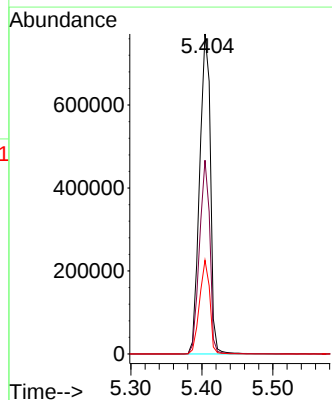
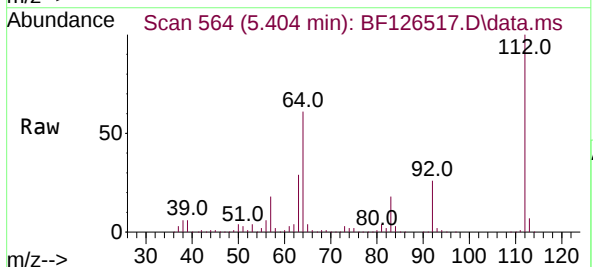
Instrument :
BNA_F
ClientSampleId :
72-11944

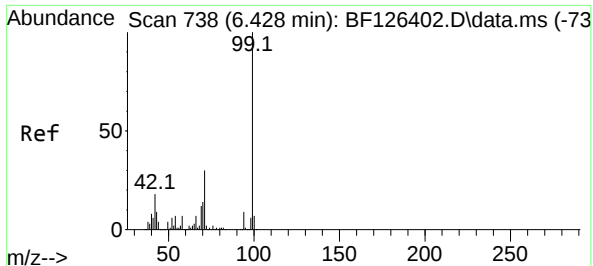
Tgt Ion:152 Resp: 107579
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 63.6 56.7 85.1



#5
2-Fluorophenol
Concen: 109.319 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion:112 Resp: 818935
Ion Ratio Lower Upper
112 100
64 60.5 49.5 74.3
63 29.3 23.9 35.9

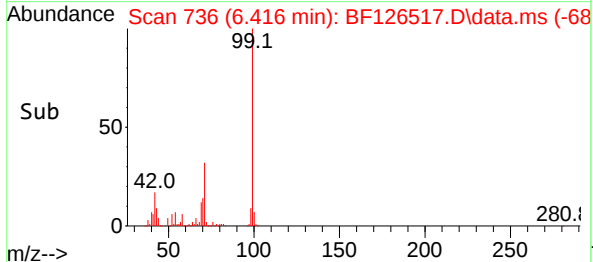
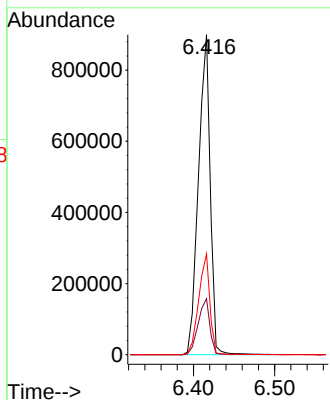
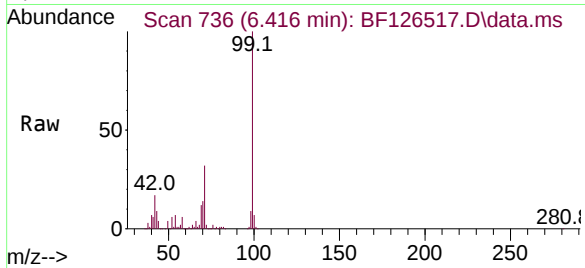




#7
Phenol-d6
Concen: 93.436 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

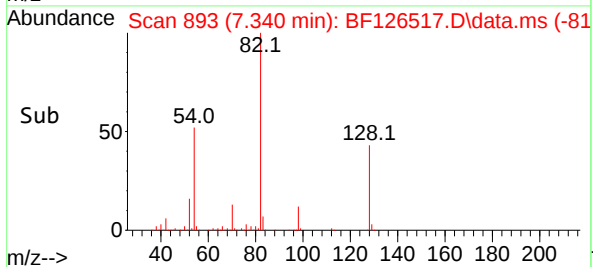
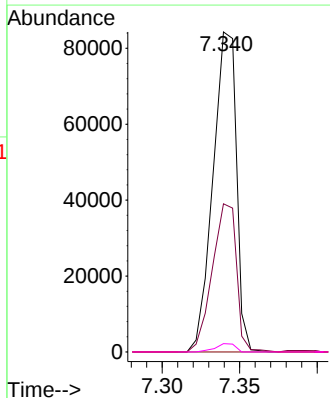
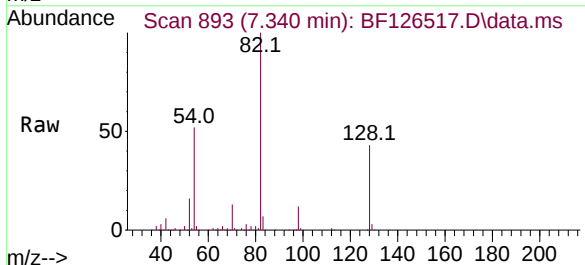
Instrument :
BNA_F
ClientSampleId :
72-11944

Tgt Ion: 99 Resp: 906586
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 31.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.051 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion: 70 Resp: 88870
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.6 14.4 21.6#

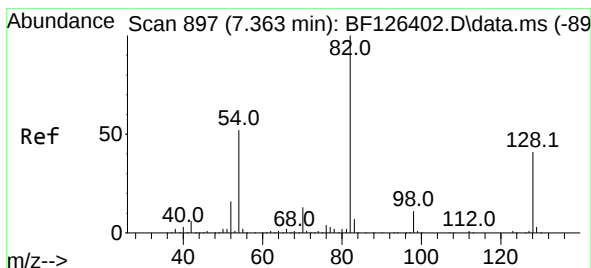
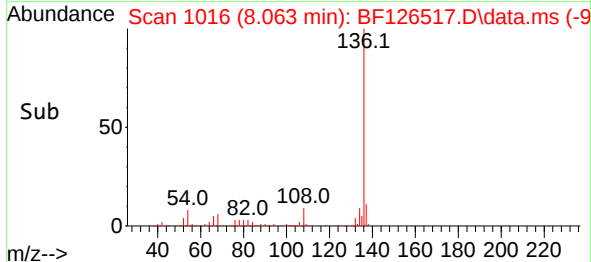
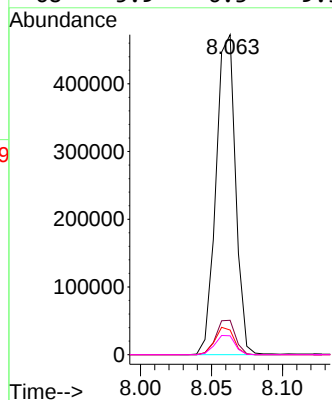
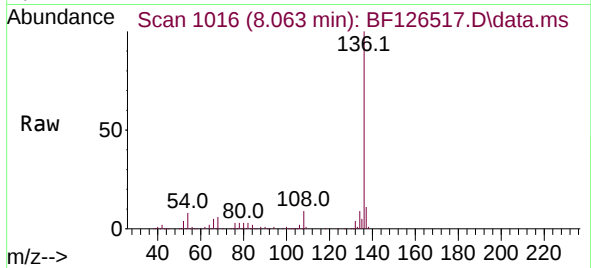




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

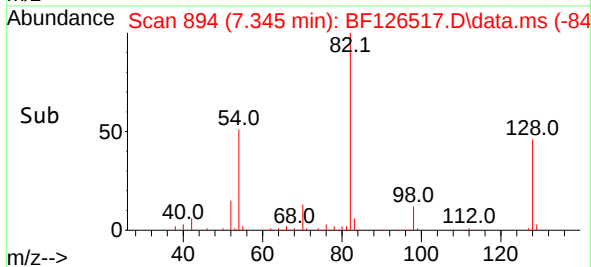
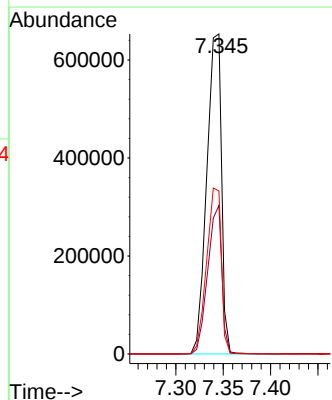
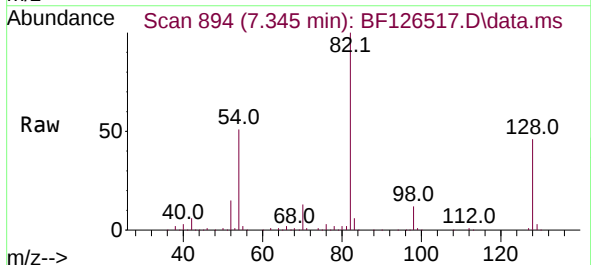
Instrument :
BNA_F
ClientSampleId :
72-11944

Tgt Ion:136 Resp: 451788
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.8 11.6#
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.225 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion: 82 Resp: 705893
Ion Ratio Lower Upper
82 100
128 46.4 32.7 49.1
54 50.9 41.7 62.5

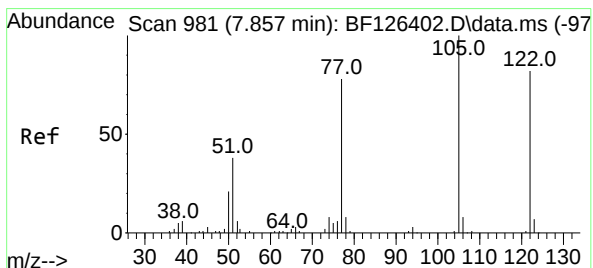
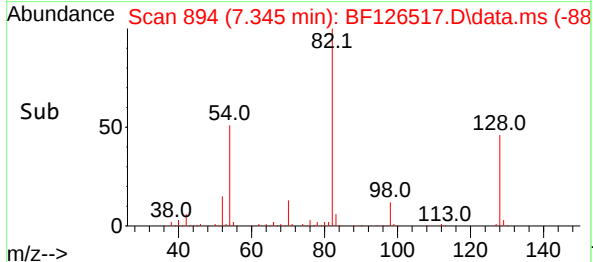
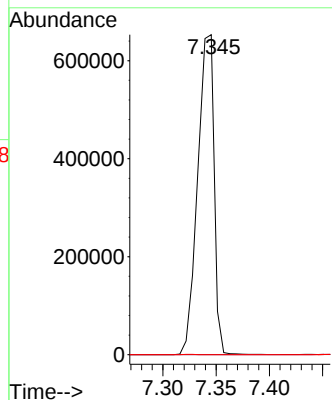
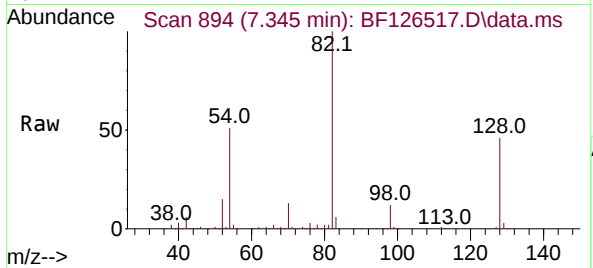




#25
Isophorone
Concen: 44.669 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

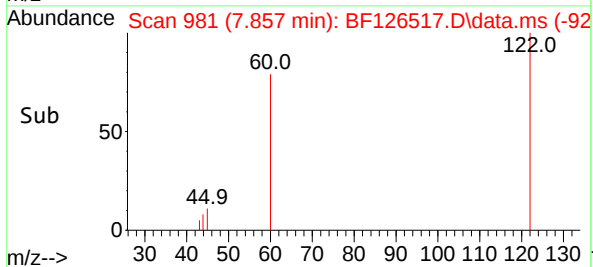
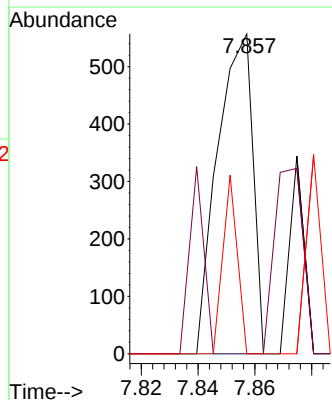
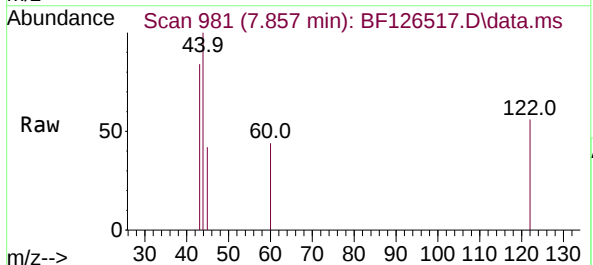
Instrument :
BNA_F
ClientSampleId :
72-11944

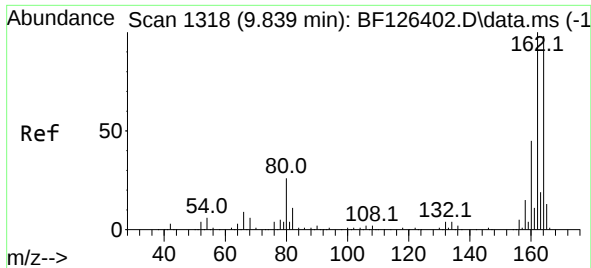
Tgt Ion: 82 Resp: 703592
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.168 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion: 122 Resp: 481
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126517.D

Acq: 6 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

72-11944

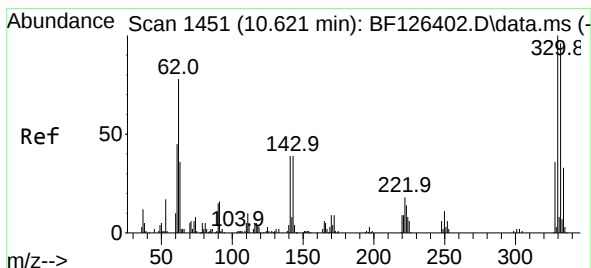
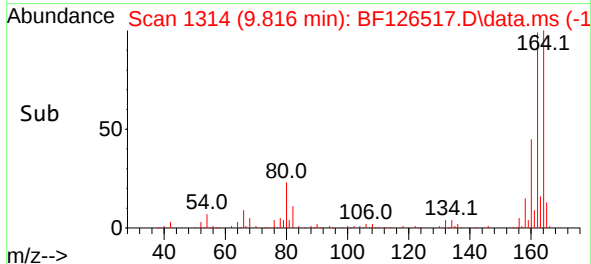
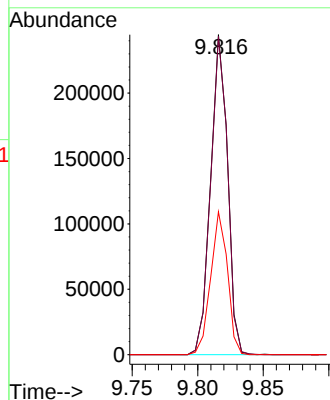
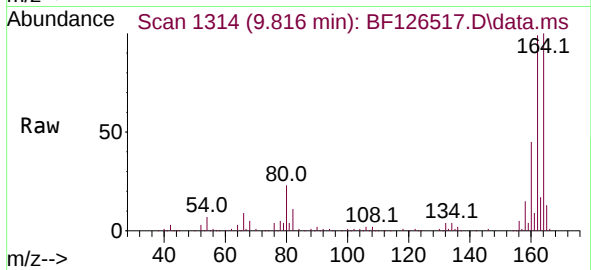
Tgt Ion:164 Resp: 220351

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

160 44.7 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 146.175 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126517.D

Acq: 6 Jan 2022 14:57

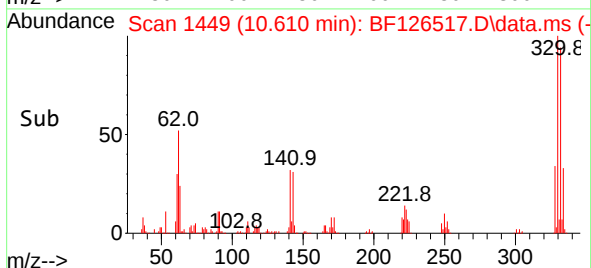
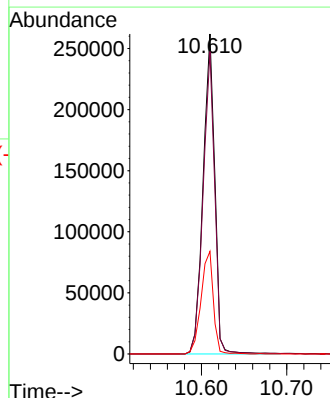
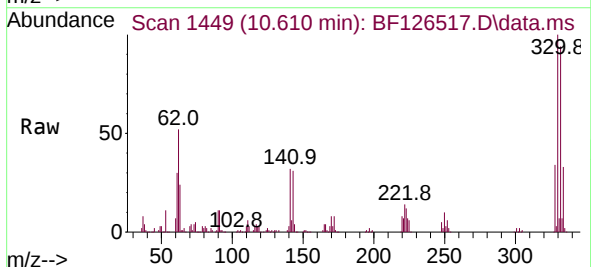
Tgt Ion:330 Resp: 248899

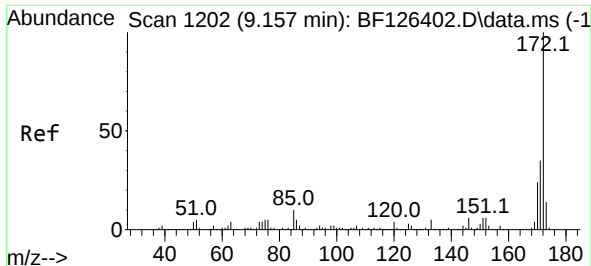
Ion Ratio Lower Upper

330 100

332 93.7 76.0 114.0

141 33.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 83.955 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126517.D

Acq: 6 Jan 2022 14:57

Instrument :

BNA_F

ClientSampleId :

72-11944

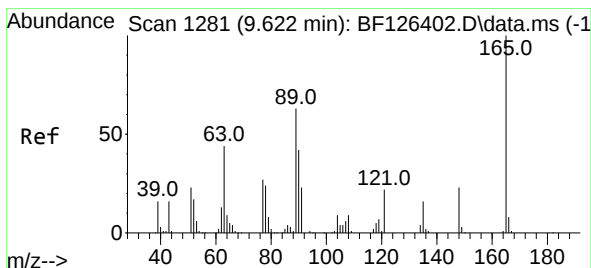
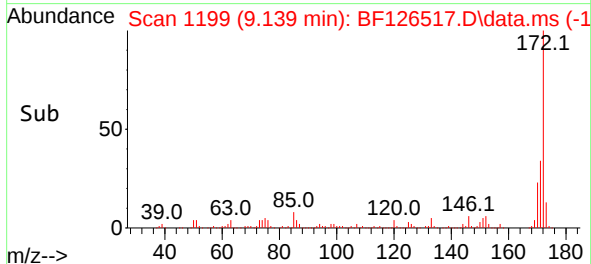
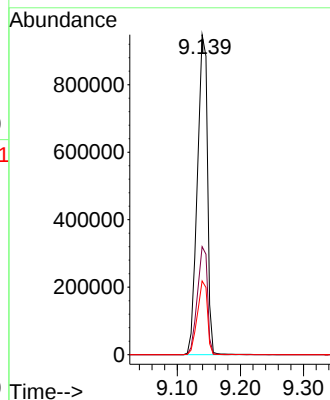
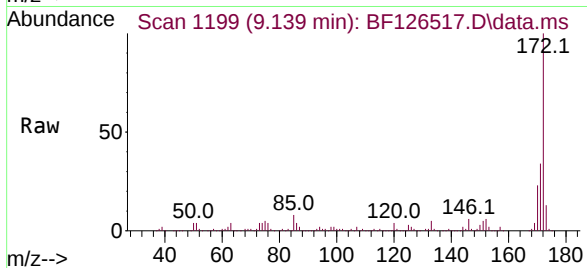
Tgt Ion:172 Resp: 1051269

Ion Ratio Lower Upper

172 100

171 33.8 28.3 42.5

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.743 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF126517.D

Acq: 6 Jan 2022 14:57

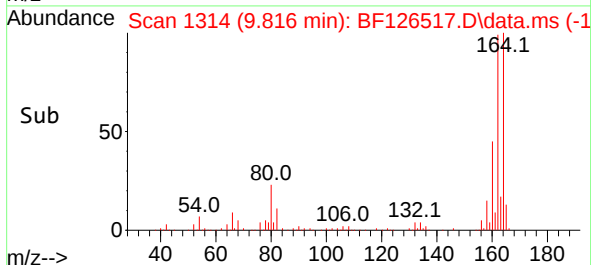
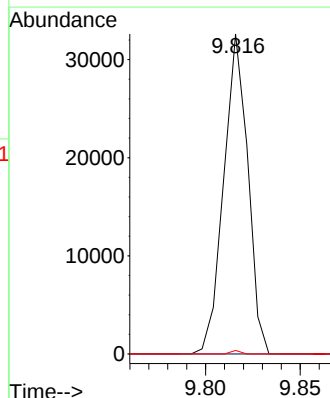
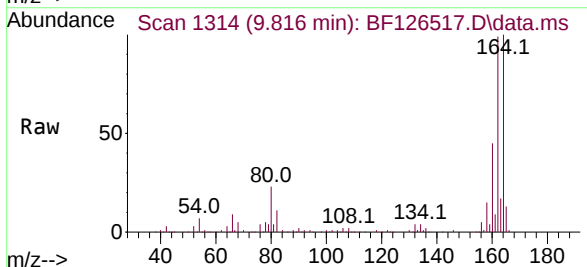
Tgt Ion:165 Resp: 28944

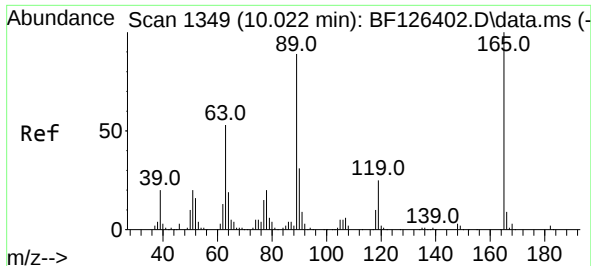
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.1 50.5 75.7#

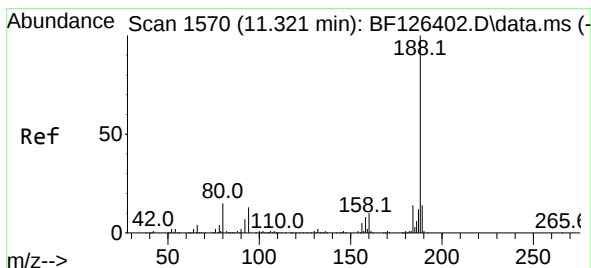
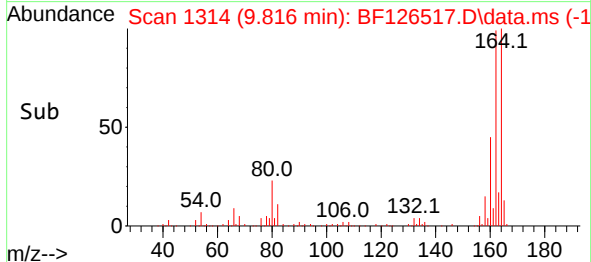
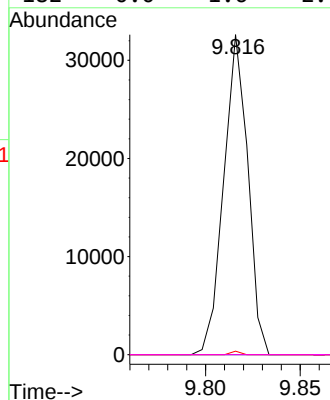
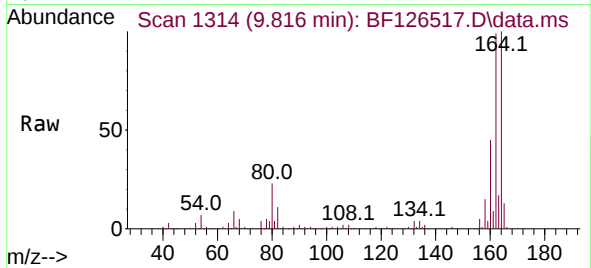




#57
2,4-Dinitrotoluene
Concen: 7.552 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

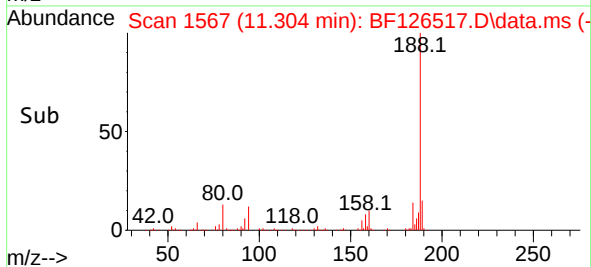
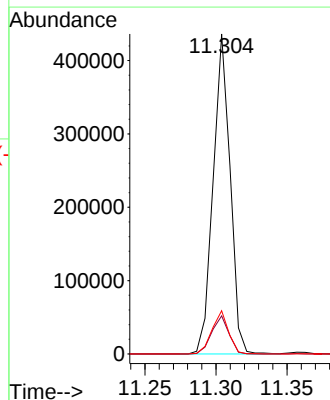
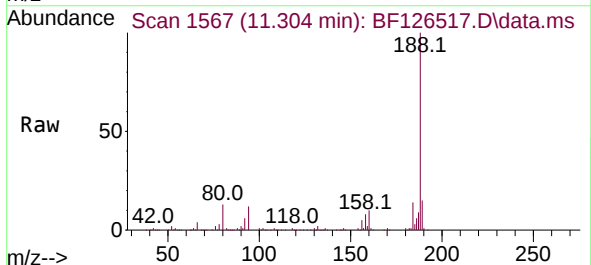
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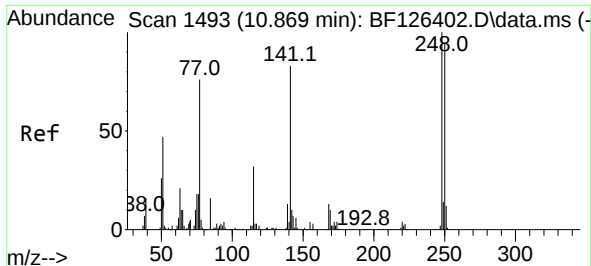
Tgt Ion:165 Resp: 28944
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion:188 Resp: 363078
Ion Ratio Lower Upper
188 100
94 11.9 10.1 15.1
80 13.5 11.8 17.6

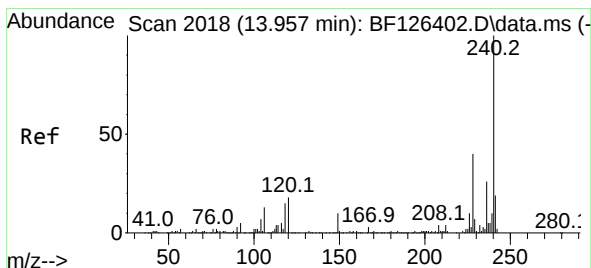
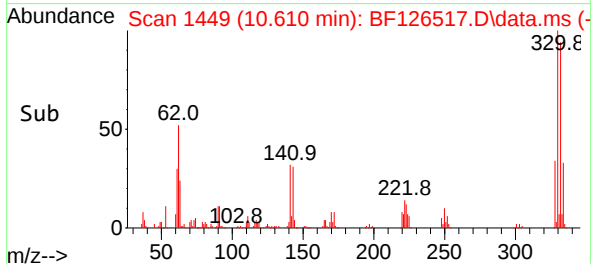
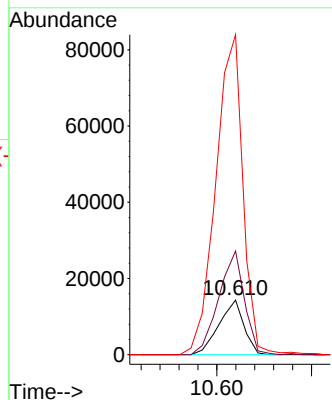
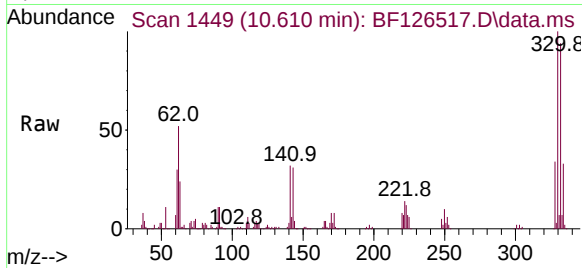




#67
4-Bromophenyl-phenylether
Concen: 4.069 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

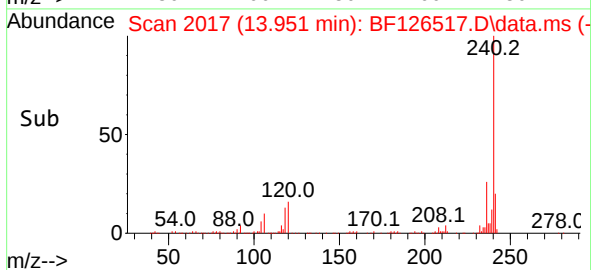
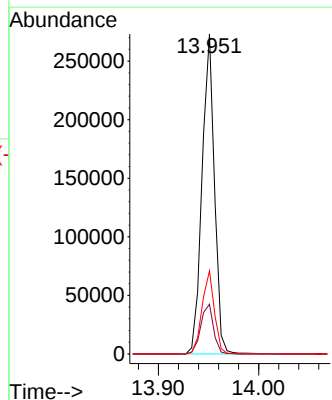
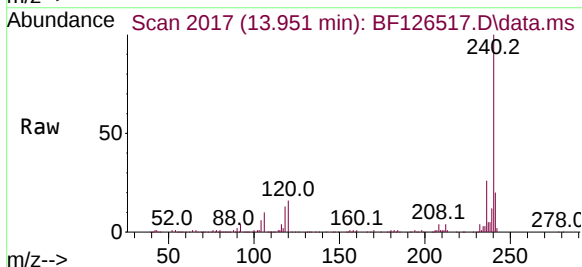
Instrument :
BNA_F
ClientSampleId :
72-11944

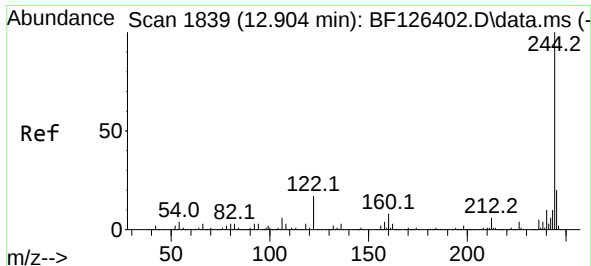
Tgt Ion:248 Resp: 13112
Ion Ratio Lower Upper
248 100
250 190.1 76.2 114.4#
141 586.9 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126517.D
Acq: 6 Jan 2022 14:57

Tgt Ion:240 Resp: 235611
Ion Ratio Lower Upper
240 100
120 15.6 14.4 21.6
236 26.0 20.5 30.7

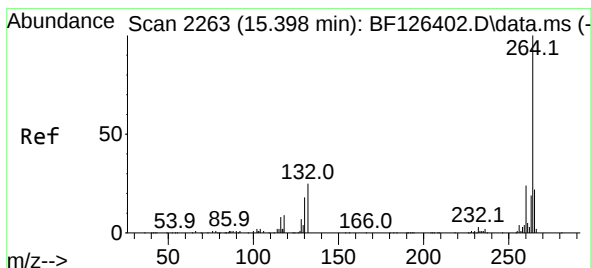
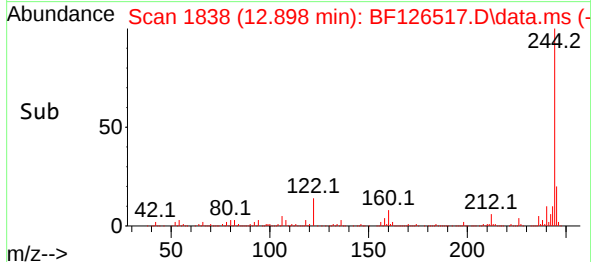
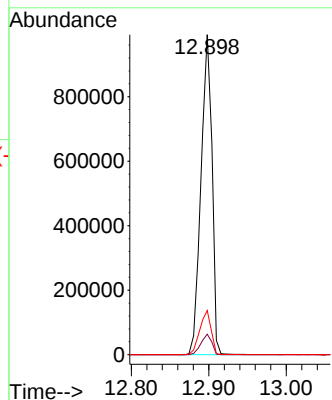
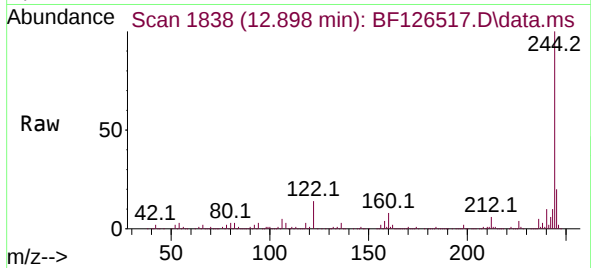




#79
 Terphenyl-d14
 Concen: 80.797 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126517.D
 Acq: 6 Jan 2022 14:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11944

Tgt Ion:244 Resp: 979791
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 13.8 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.024 min
 Lab File: BF126517.D
 Acq: 6 Jan 2022 14:57

Tgt Ion:264 Resp: 210847
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 17.4 26.2

