

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127254.D
 Acq On : 08 Mar 2022 13:05
 Operator : CG\JU
 Sample : N1763-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 08 16:04:38 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

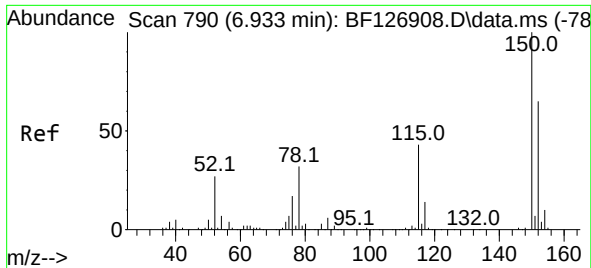
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78707	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317177	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	170533	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277507	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	129867	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	138592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	484654	95.172	ng	0.00
7) Phenol-d6	6.510	99	628526	91.469	ng	0.00
23) Nitrobenzene-d5	7.439	82	447469	63.679	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	195777	99.710	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	688521	59.438	ng	0.00
79) Terphenyl-d14	12.998	244	527005	59.655	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	60550	13.675	ng	# 79
25) Isophorone	7.439	82	447466	38.483	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	23046	9.293	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	23046	6.873	ng	# 15
67) 4-Bromophenyl-phenylether	10.710	248	11246	3.627	ng	# 1

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

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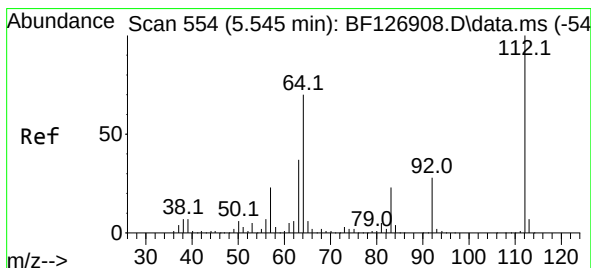
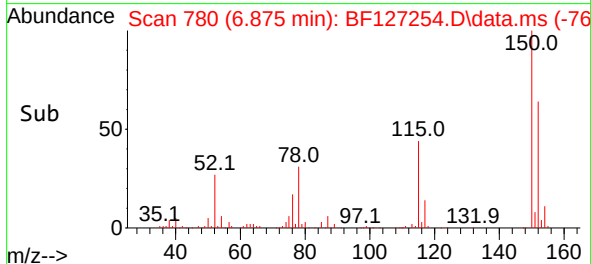
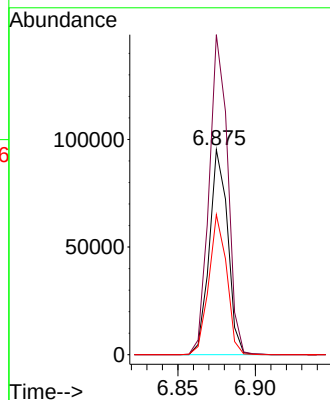
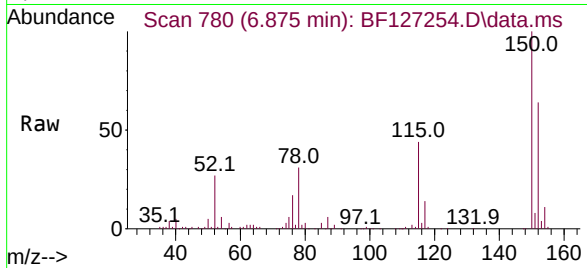




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

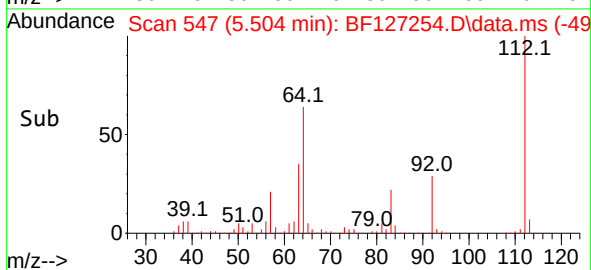
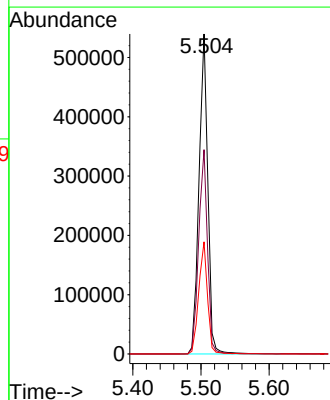
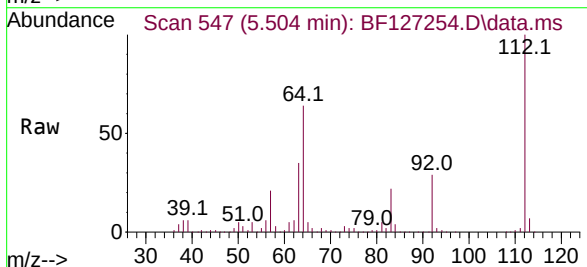
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

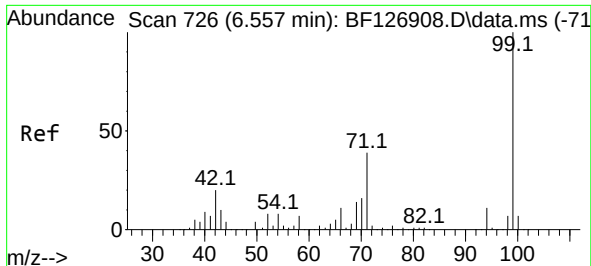
Tgt Ion:152 Resp: 78707
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 68.3 56.7 85.1



#5
2-Fluorophenol
Concen: 95.172 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

Tgt Ion:112 Resp: 484654
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 35.1 23.9 35.9





#7

Phenol-d6

Concen: 91.469 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127254.D

Acq: 08 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14

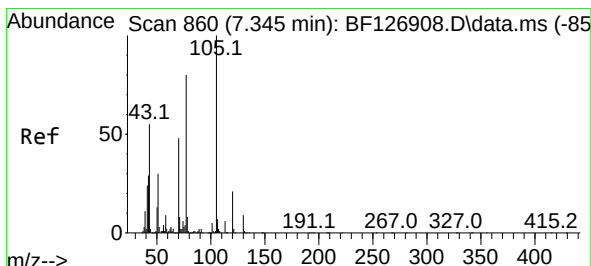
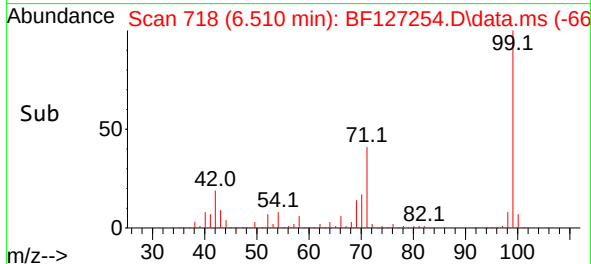
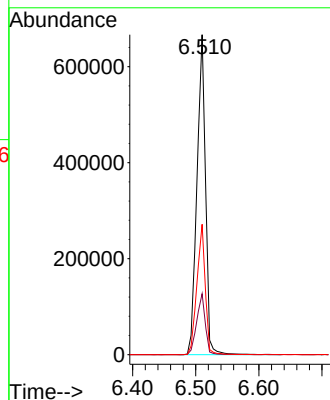
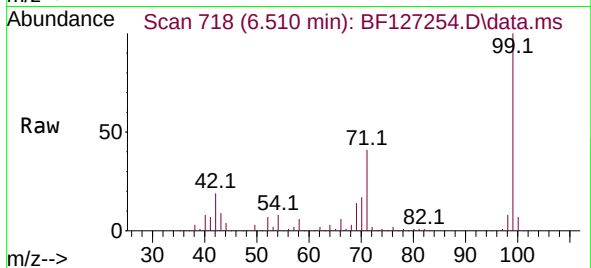
Tgt Ion: 99 Resp: 628526

Ion Ratio Lower Upper

99 100

42 19.1 14.2 21.4

71 40.7 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.675 ng

RT: 7.439 min Scan# 876

Delta R.T. 0.147 min

Lab File: BF127254.D

Acq: 08 Mar 2022 13:05

Tgt Ion: 70 Resp: 60550

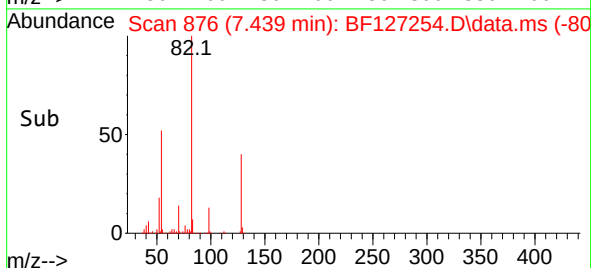
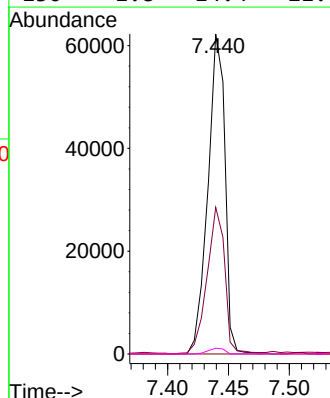
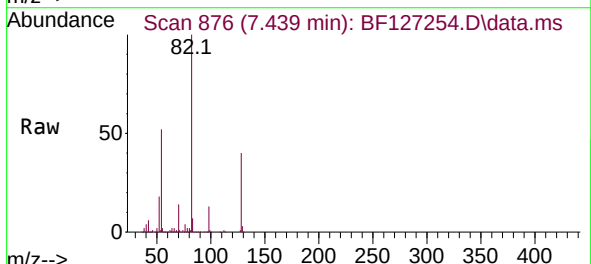
Ion Ratio Lower Upper

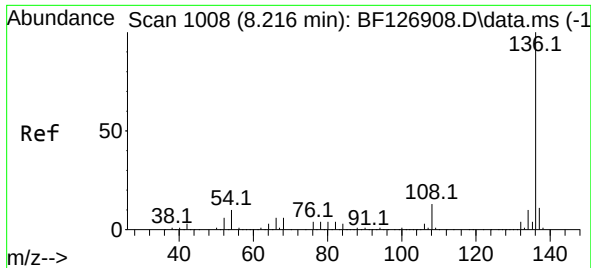
70 100

42 45.8 45.8 68.8#

101 0.0 6.9 10.3#

130 1.8 14.4 21.6#

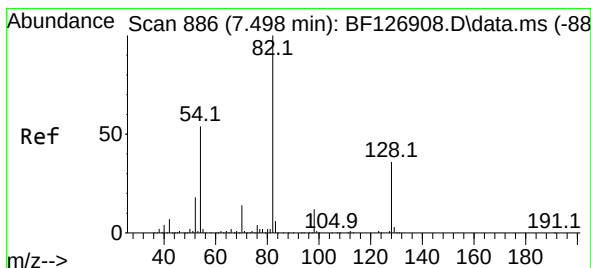
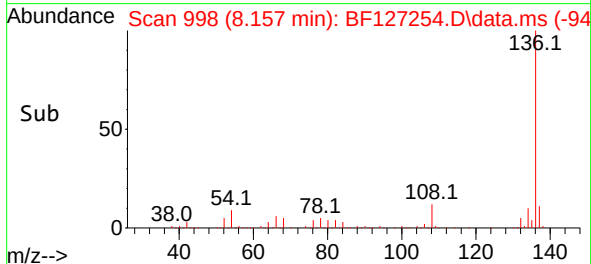
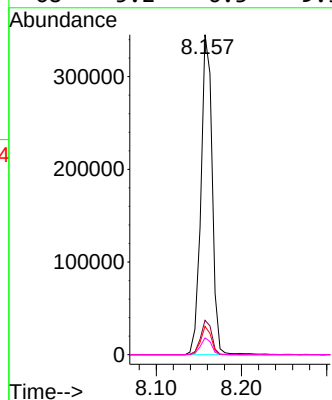
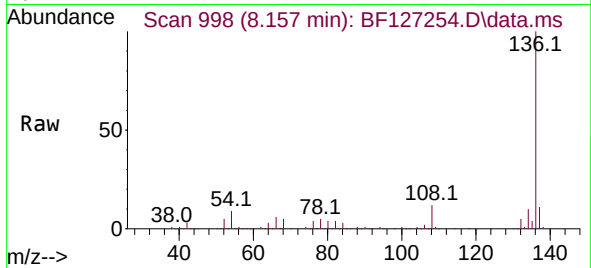




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

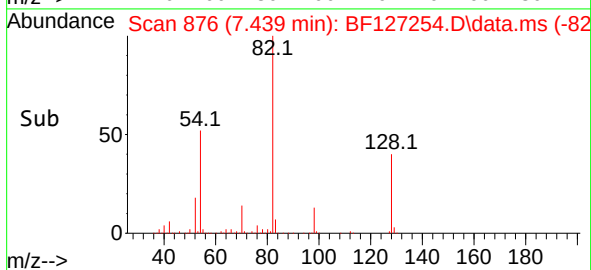
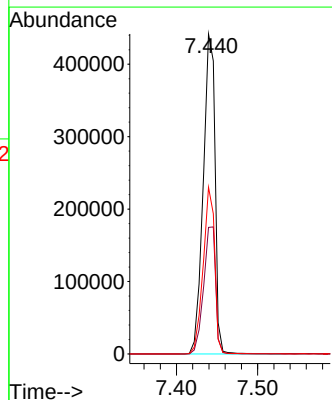
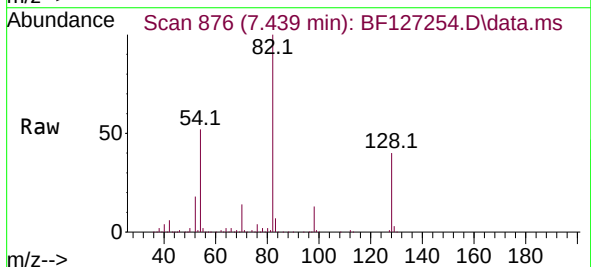
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

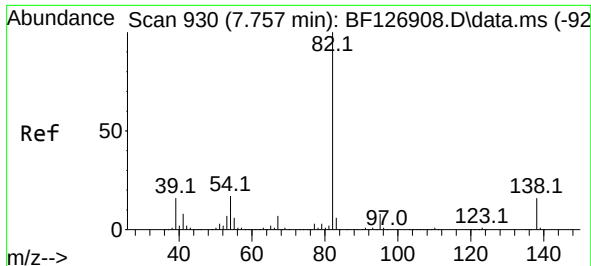
Tgt Ion:136 Resp: 317177
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.8 11.6
68 5.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 63.679 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

Tgt Ion: 82 Resp: 447469
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 52.1 41.7 62.5

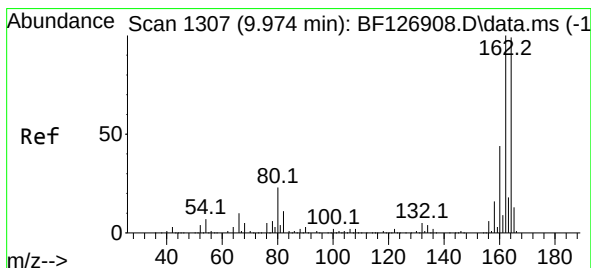
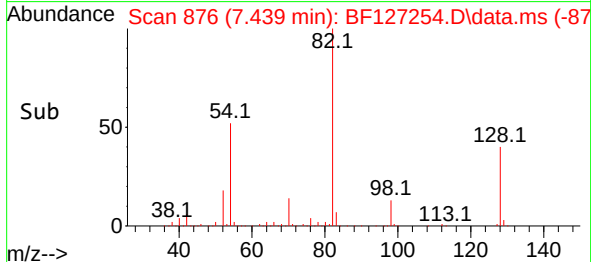
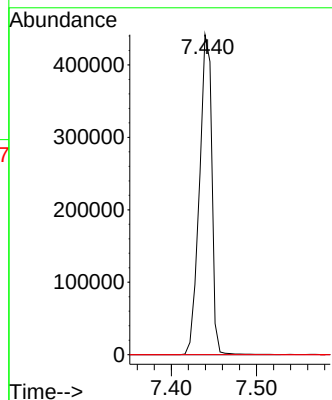
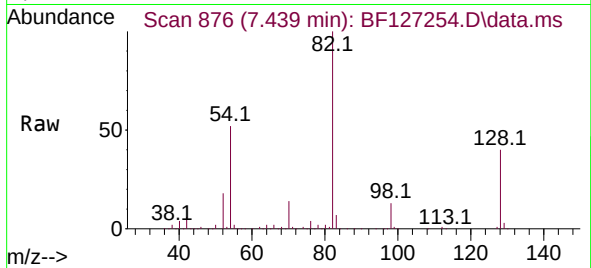




#25
Isophorone
Concen: 38.483 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

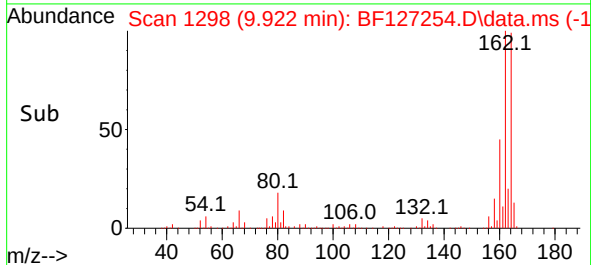
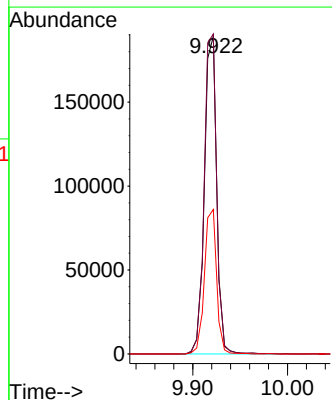
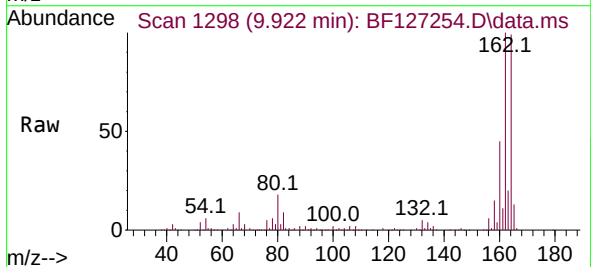
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BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

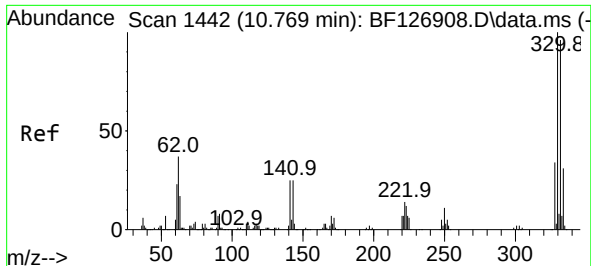
Tgt Ion: 82 Resp: 447466
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

Tgt Ion:164 Resp: 170533
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 99.710 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127254.D

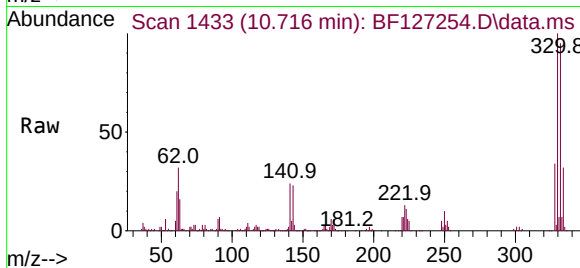
Acq: 08 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14



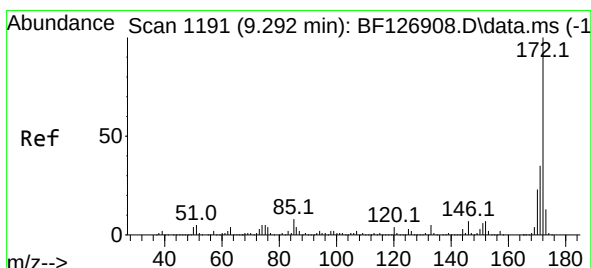
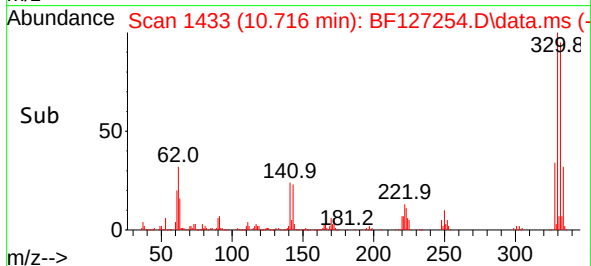
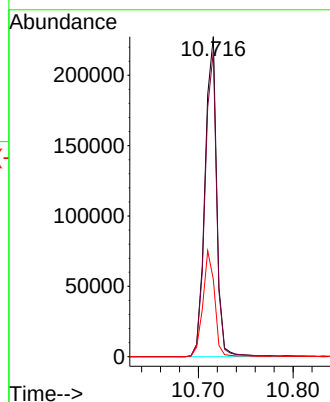
Tgt Ion:330 Resp: 195777

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 33.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.438 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127254.D

Acq: 08 Mar 2022 13:05

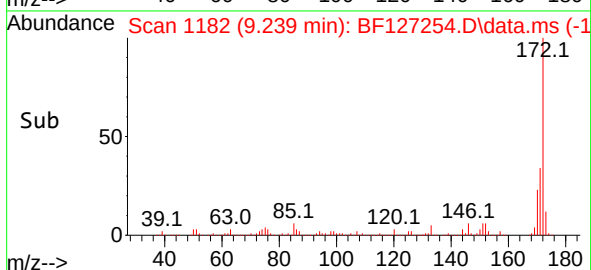
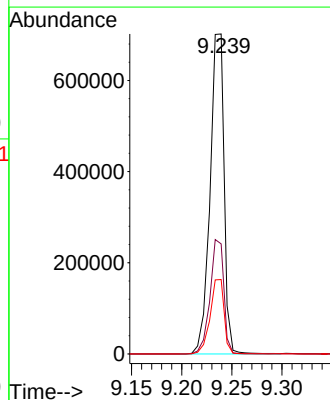
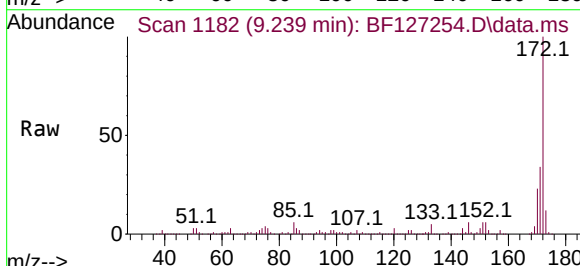
Tgt Ion:172 Resp: 688521

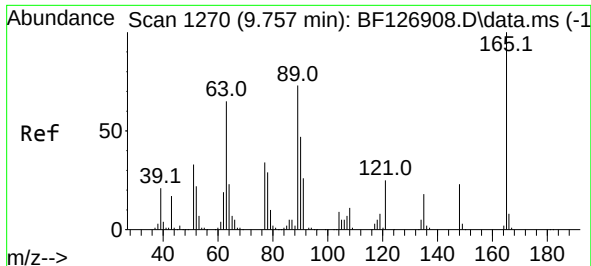
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.2 19.0 28.6

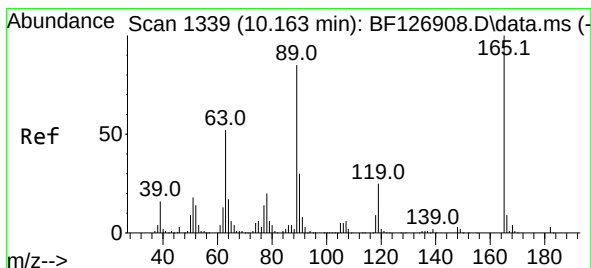
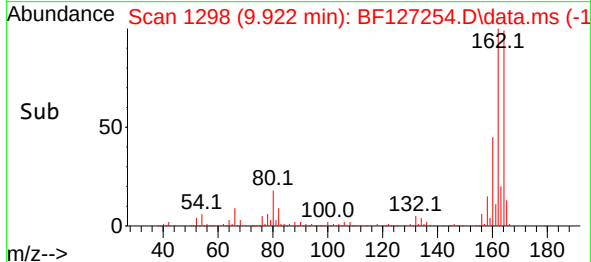
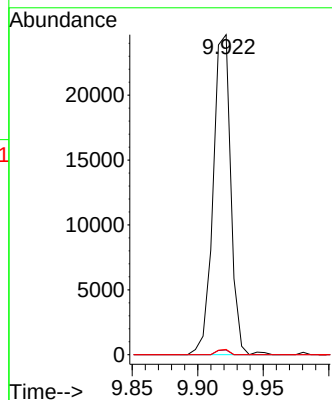
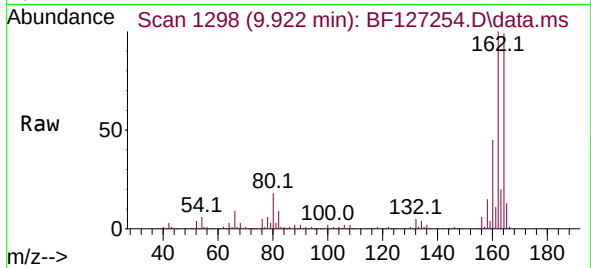




#51
2,6-Dinitrotoluene
Concen: 9.293 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

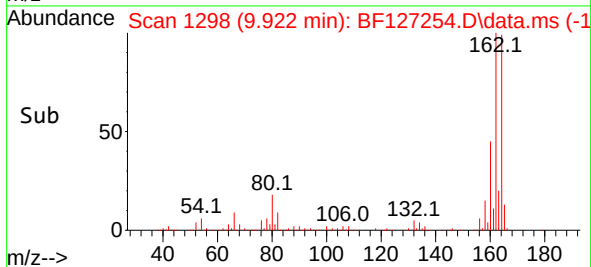
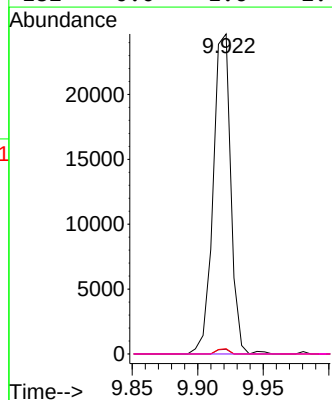
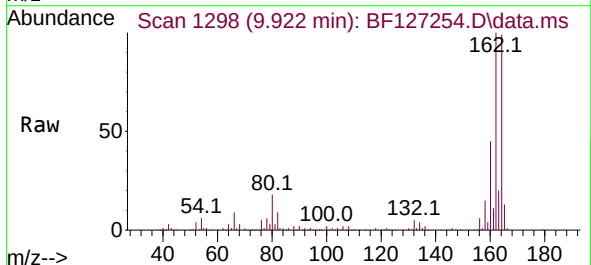
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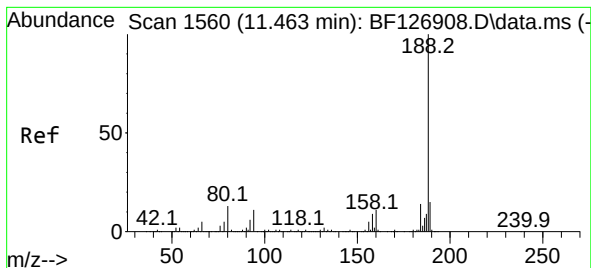
Tgt Ion:165 Resp: 23046
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.873 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

Tgt Ion:165 Resp: 23046
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127254.D

Acq: 08 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

27-28-SAMPLE-LOCATION-14

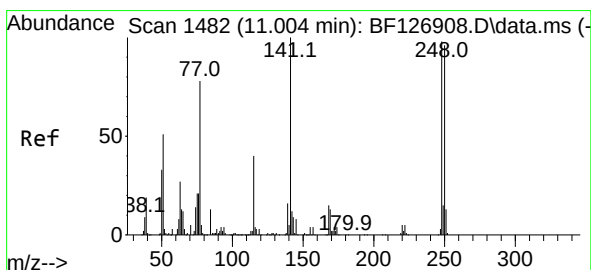
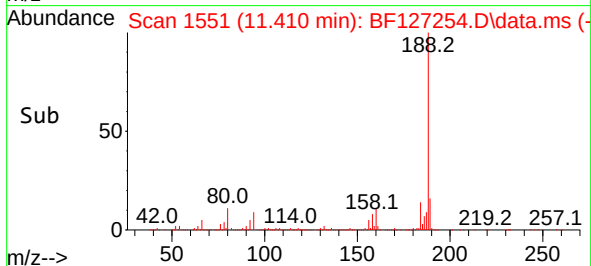
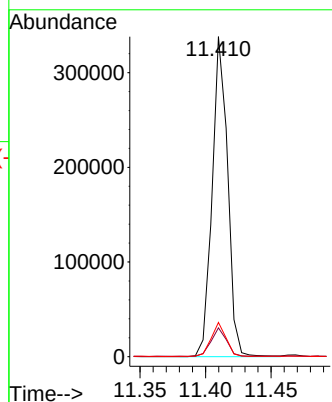
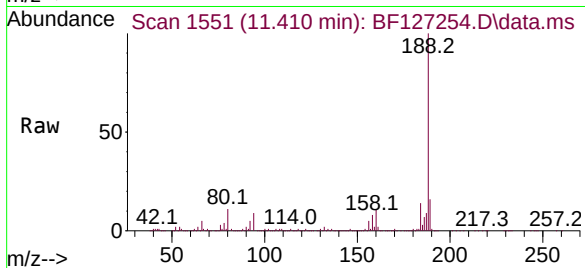
Tgt Ion:188 Resp: 277507

Ion Ratio Lower Upper

188 100

94 9.0 10.1 15.1#

80 10.7 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.627 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.247 min

Lab File: BF127254.D

Acq: 08 Mar 2022 13:05

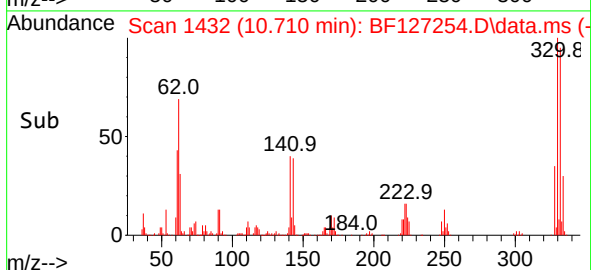
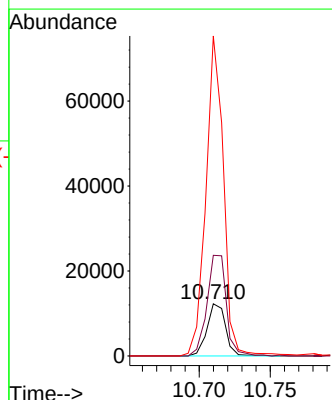
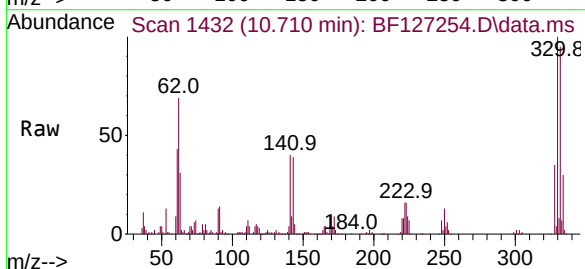
Tgt Ion:248 Resp: 11246

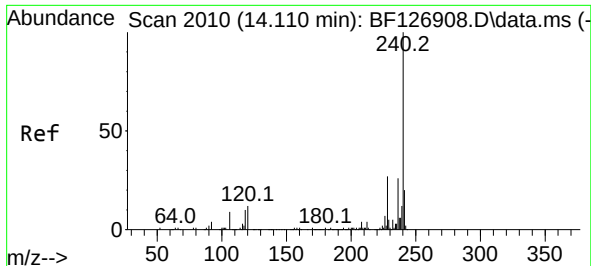
Ion Ratio Lower Upper

248 100

250 193.0 76.2 114.4#

141 613.4 66.2 99.4#

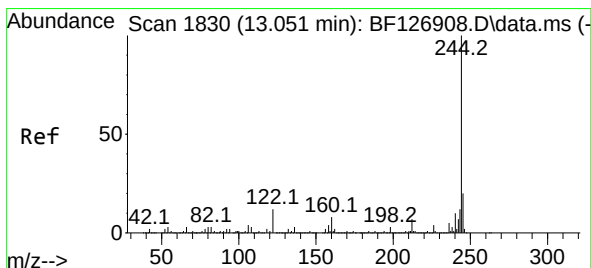
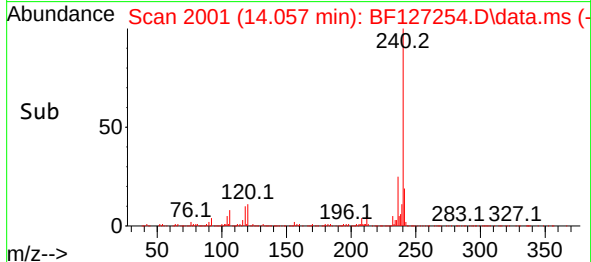
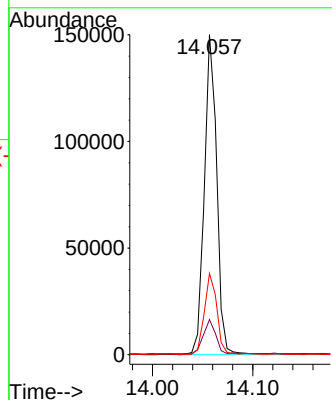
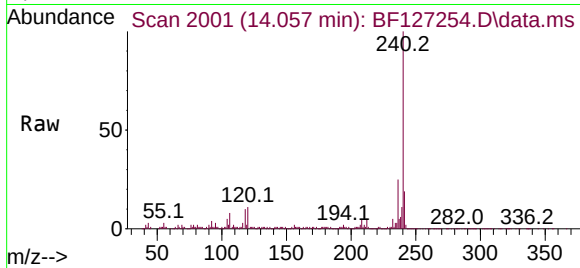




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

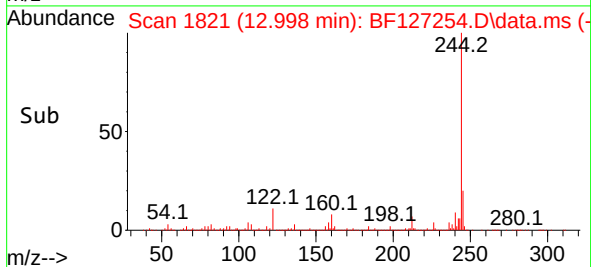
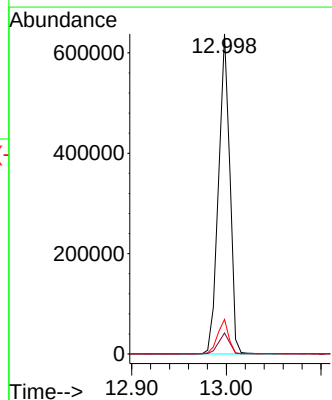
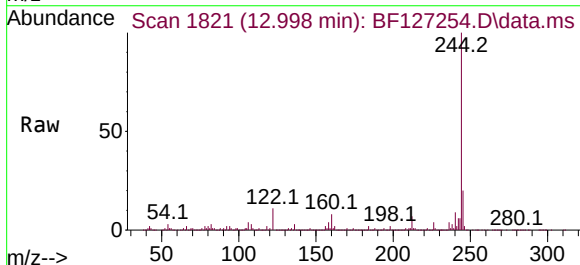
Instrument :
BNA_F
ClientSampleId :
27-28-SAMPLE-LOCATION-14

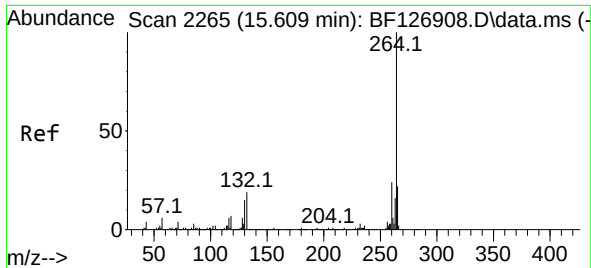
Tgt Ion:240 Resp: 129867
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 59.655 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127254.D
Acq: 08 Mar 2022 13:05

Tgt Ion:244 Resp: 527005
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127254.D
 Acq: 08 Mar 2022 13:05

Instrument :
 BNA_F
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Tgt Ion:264 Resp: 138592
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.0 17.4 26.2

