

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127256.D
 Acq On : 08 Mar 2022 14:04
 Operator : CG\JU
 Sample : N1763-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-18-SAMPLE-LOCATION-9

Quant Time: Mar 08 16:05:11 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)

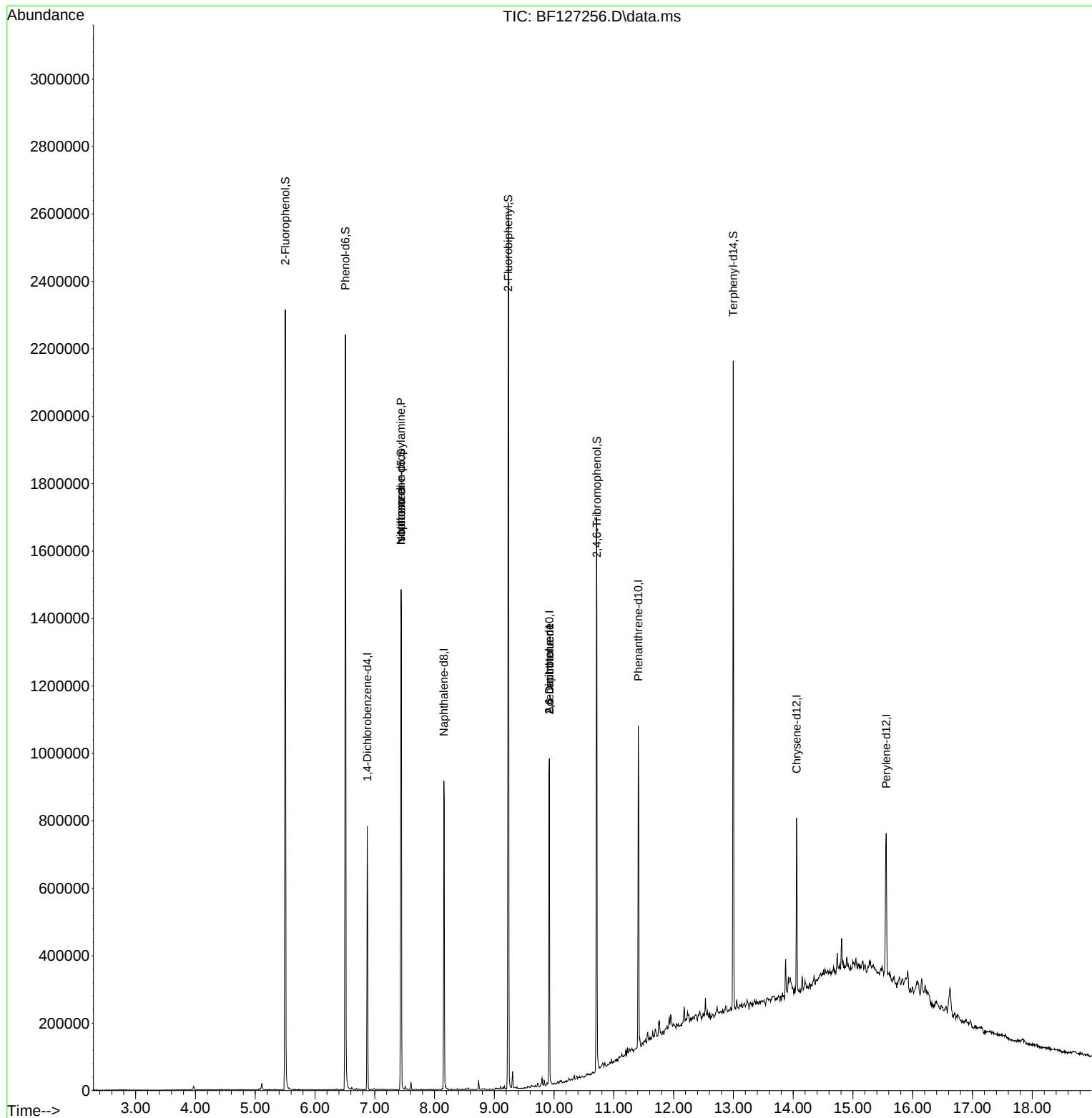
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	100964	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	407751	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	202560	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	315655	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168999	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	179679	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	565022	86.495	ng	0.00
7) Phenol-d6	6.510	99	744002	84.406	ng	0.00
23) Nitrobenzene-d5	7.439	82	516883	57.218	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	202963	87.026	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	797626	57.969	ng	0.00
79) Terphenyl-d14	12.998	244	585341	50.916	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	68901	12.131	ng	# 78
25) Isophorone	7.439	82	516875	34.578	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	25567	8.679	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	25567	6.419	ng	# 15

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

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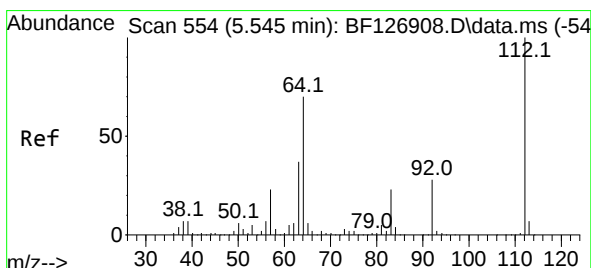
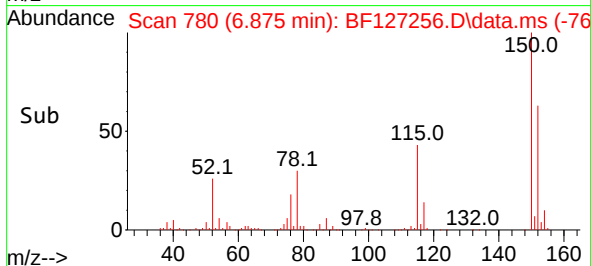
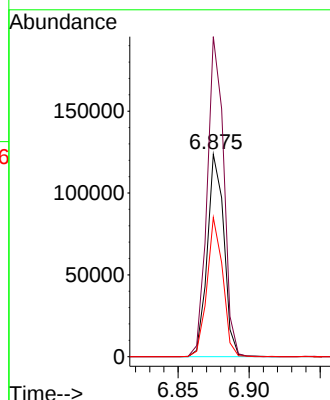
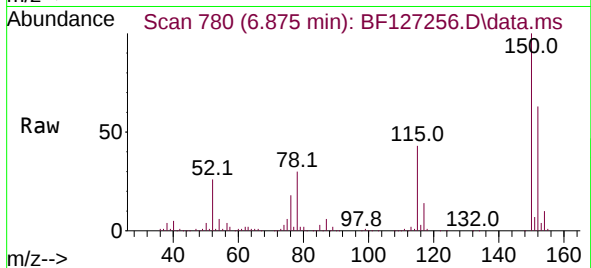




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

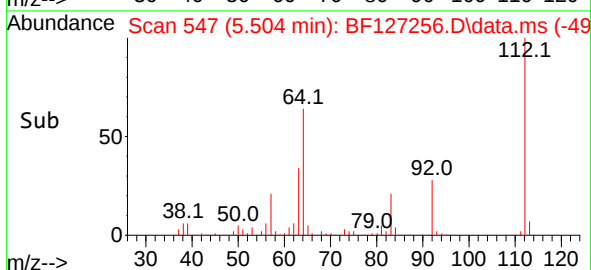
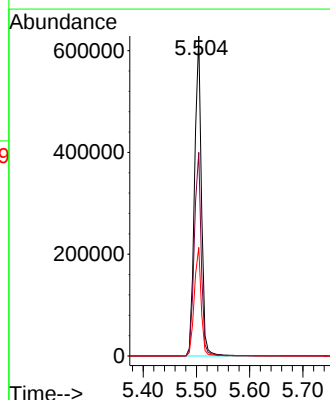
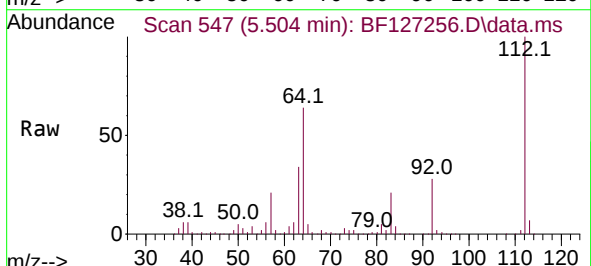
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

Tgt Ion:152 Resp: 100964
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 86.495 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

Tgt Ion:112 Resp: 565022
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 33.9 23.9 35.9

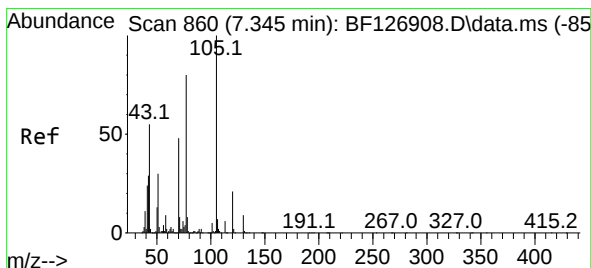
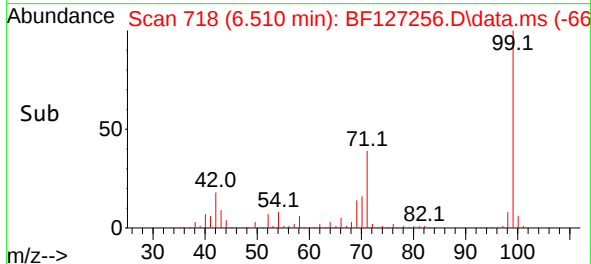
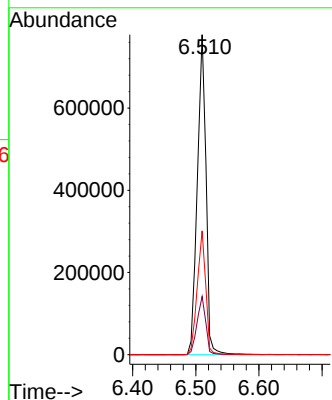
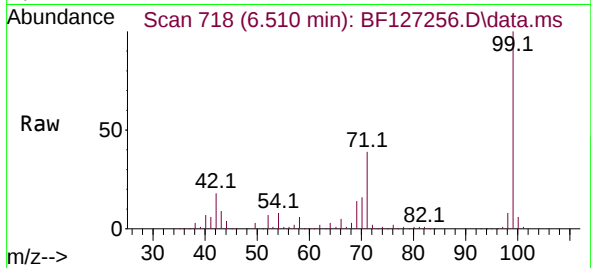




#7
Phenol-d6
Concen: 84.406 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

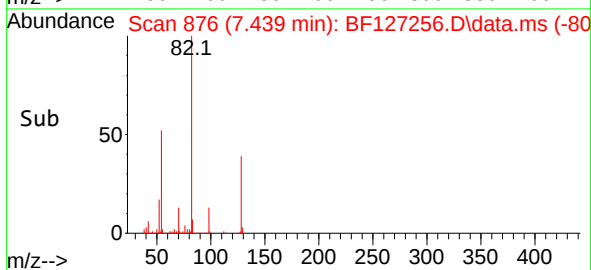
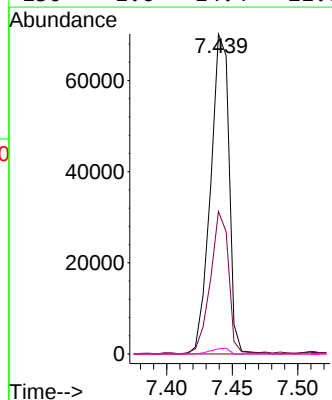
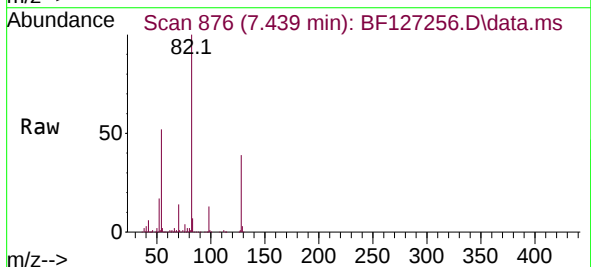
Instrument :
BNA_F
ClientSampleId :
17-18-SAMPLE-LOCATION-9

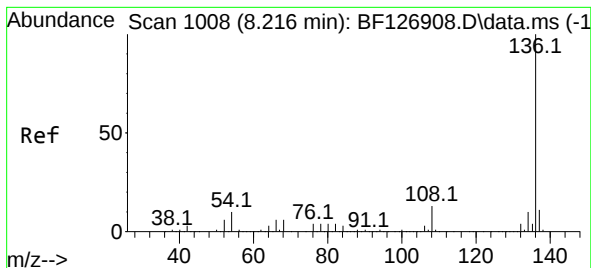
Tgt Ion: 99 Resp: 744002
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 38.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.131 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

Tgt Ion: 70 Resp: 68901
Ion Ratio Lower Upper
70 100
42 44.5 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: 8.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127256.D

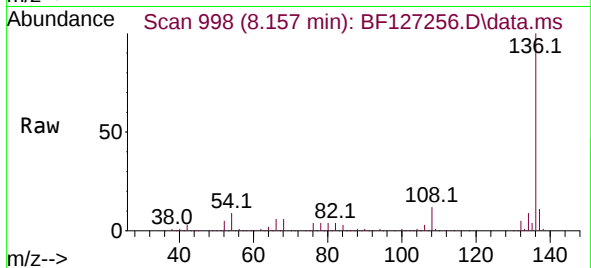
Acq: 08 Mar 2022 14:04

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9



Tgt Ion:136 Resp: 407751

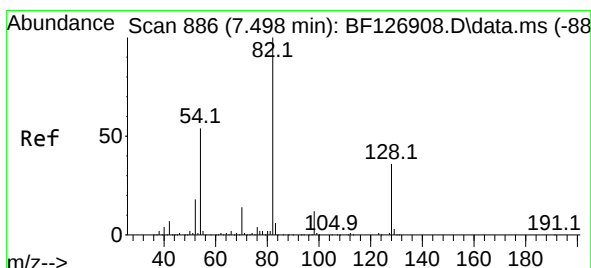
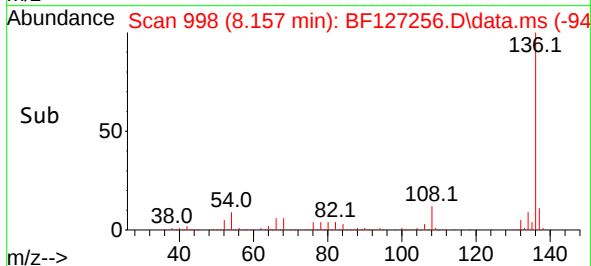
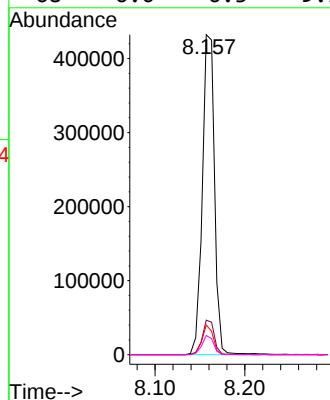
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 7.8 11.6

68 6.0 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 57.218 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

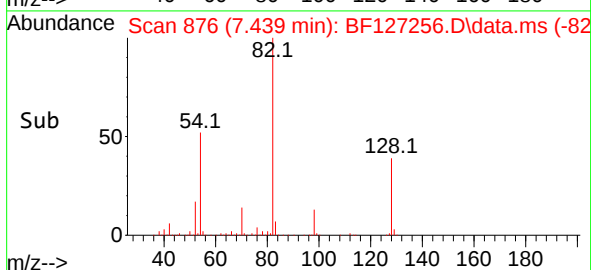
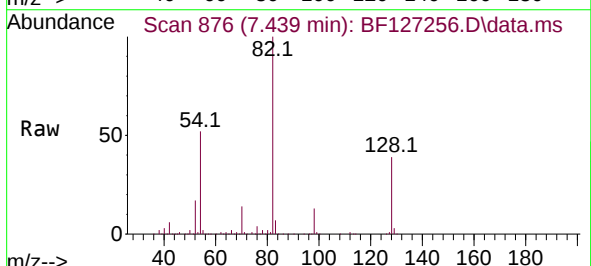
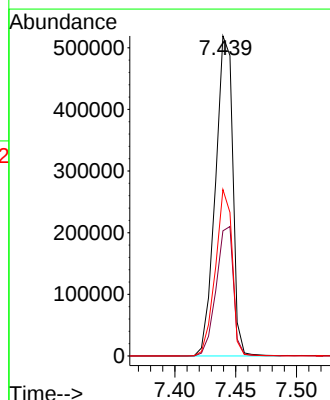
Tgt Ion: 82 Resp: 516883

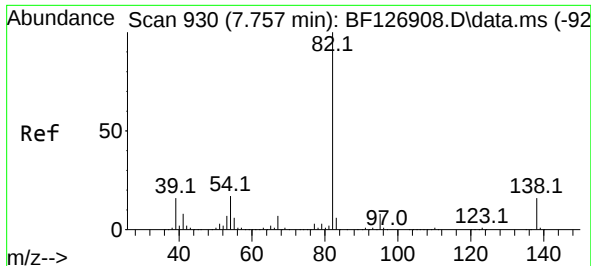
Ion Ratio Lower Upper

82 100

128 39.1 32.7 49.1

54 52.0 41.7 62.5

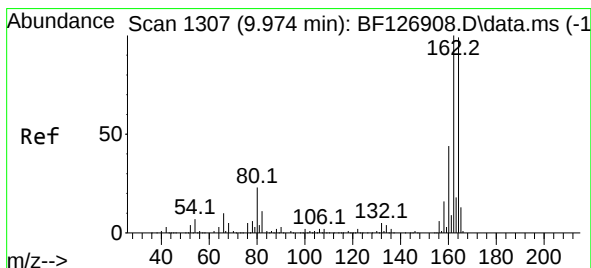
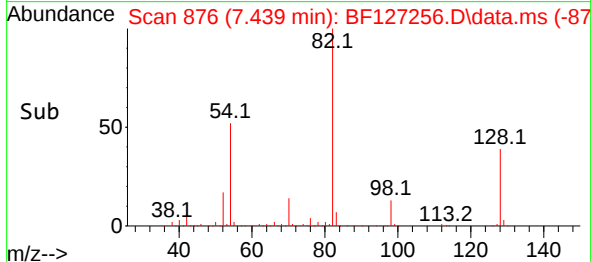
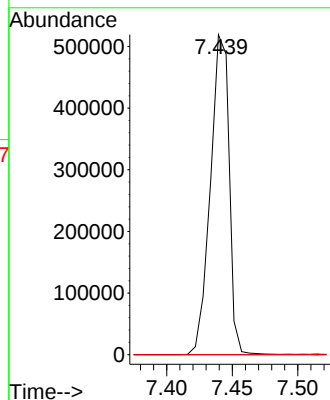
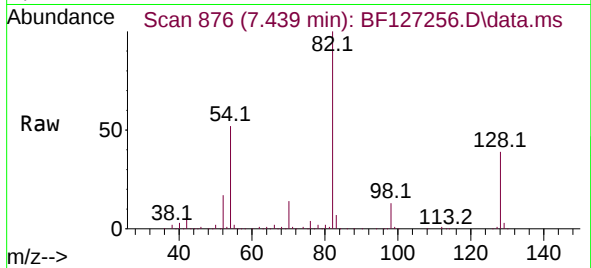




#25
Isophorone
Concen: 34.578 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

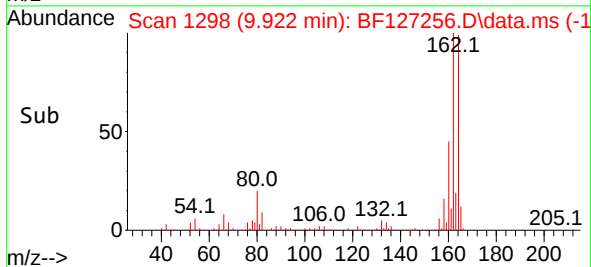
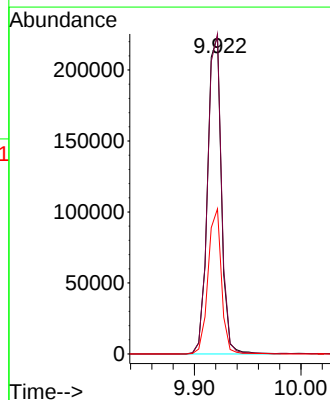
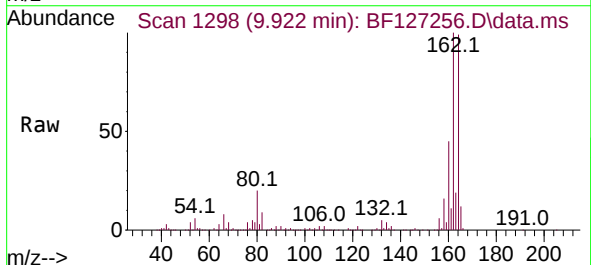
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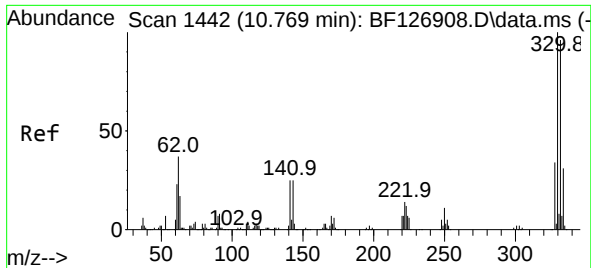
Tgt Ion: 82 Resp: 516875
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

Tgt Ion:164 Resp: 202560
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 87.026 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127256.D

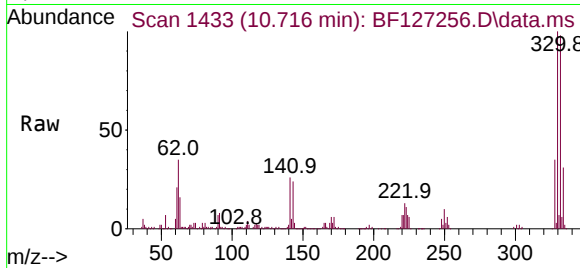
Acq: 08 Mar 2022 14:04

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9



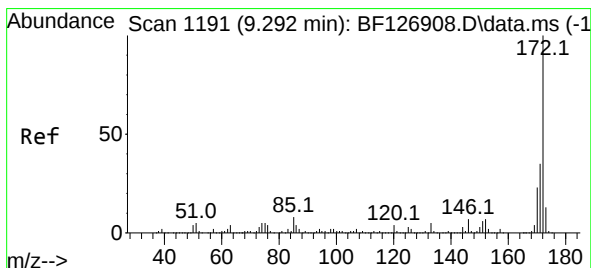
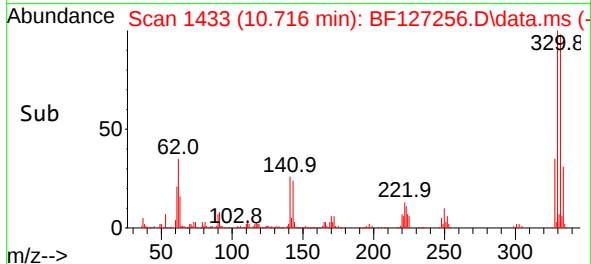
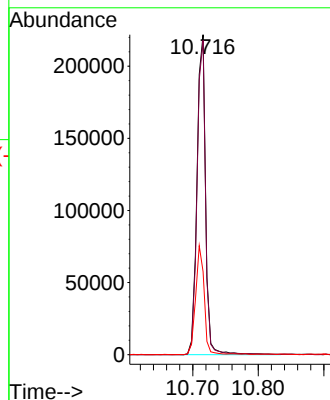
Tgt Ion:330 Resp: 202963

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 34.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.969 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

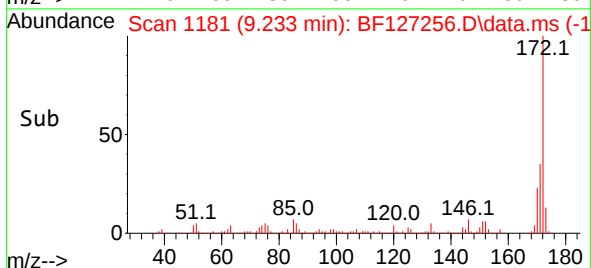
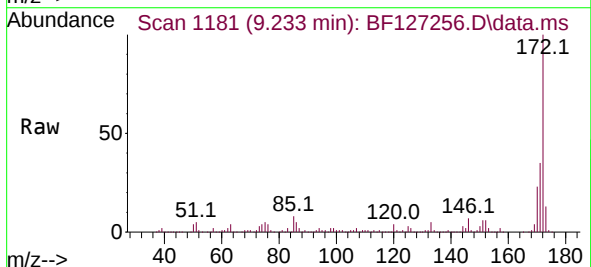
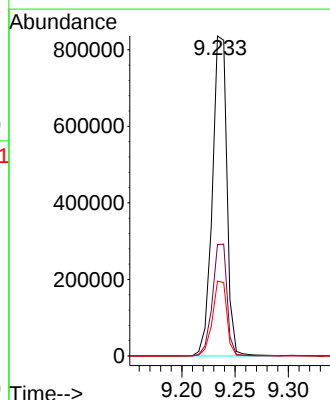
Tgt Ion:172 Resp: 797626

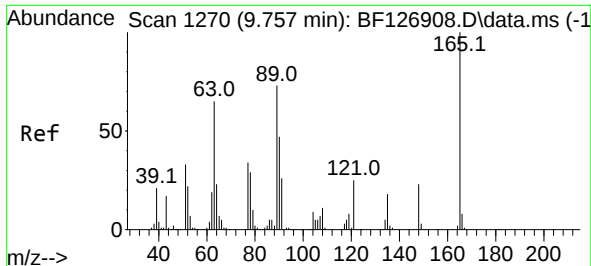
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

Instrument :

BNA_F

ClientSampleId :

17-18-SAMPLE-LOCATION-9

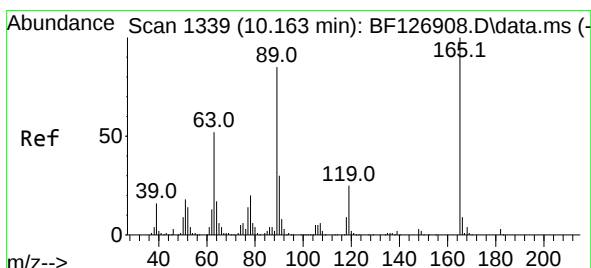
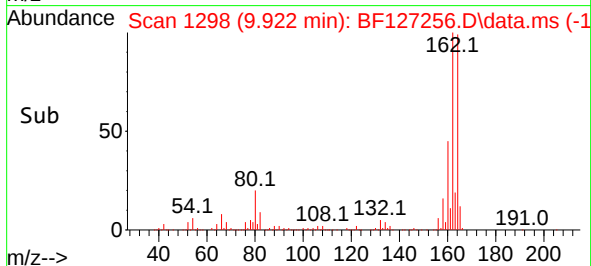
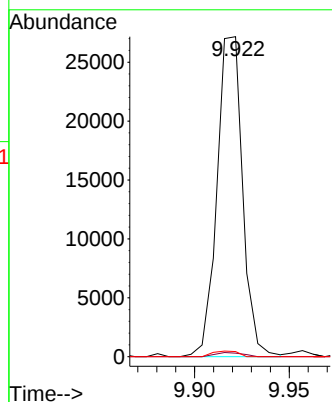
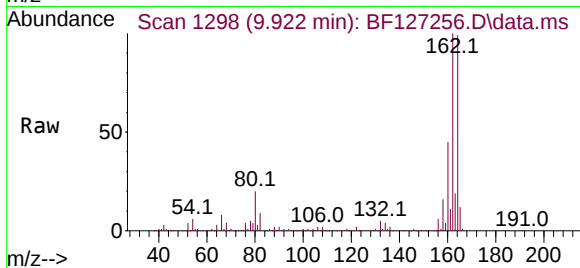
Tgt Ion:165 Resp: 25567

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.419 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.194 min

Lab File: BF127256.D

Acq: 08 Mar 2022 14:04

Tgt Ion:165 Resp: 25567

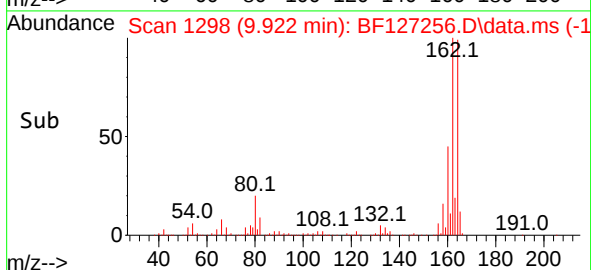
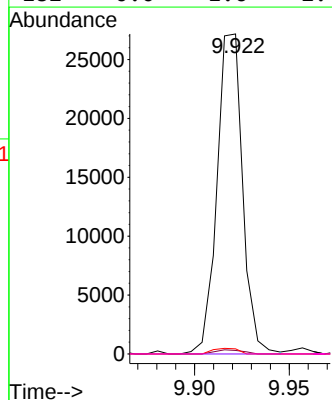
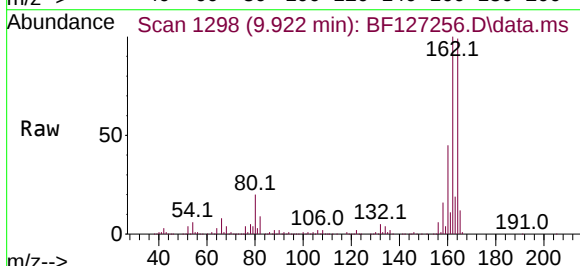
Ion Ratio Lower Upper

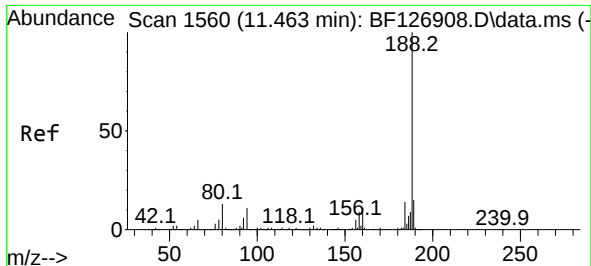
165 100

63 1.1 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#

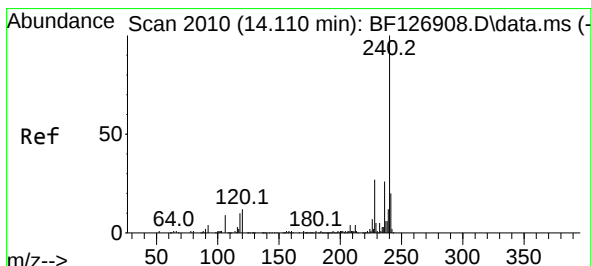
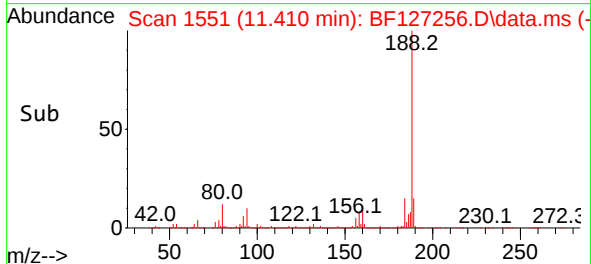
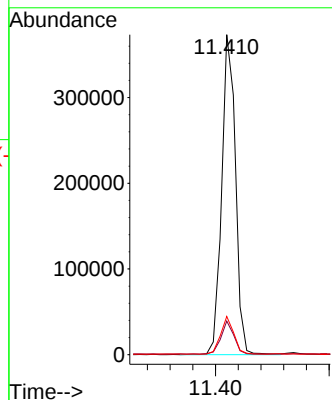
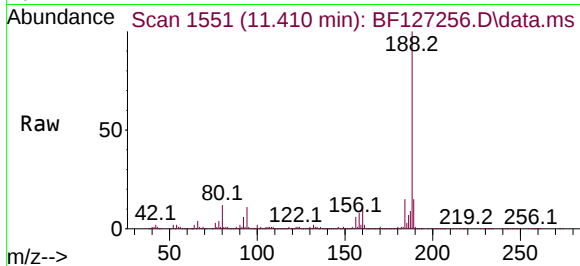




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

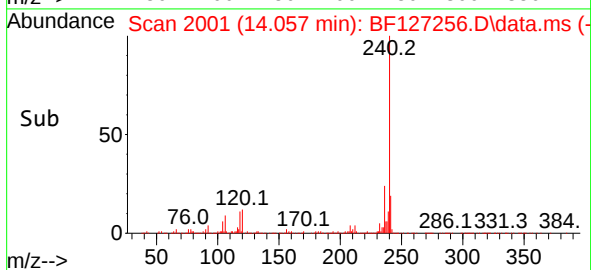
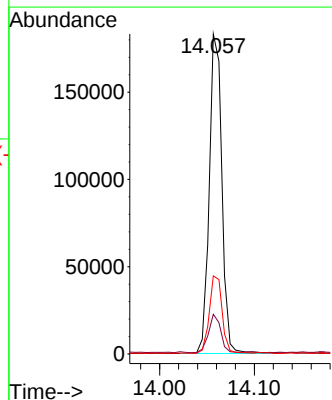
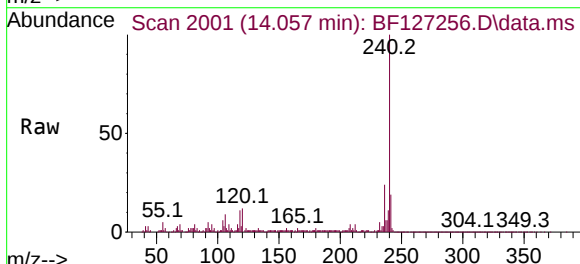
Instrument :
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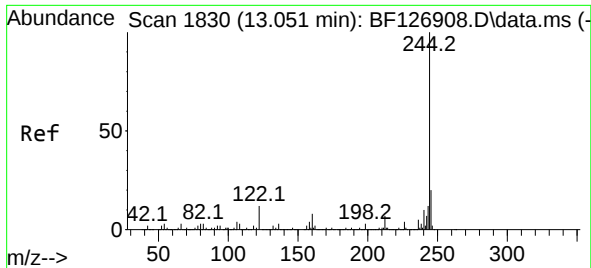
Tgt Ion:188 Resp: 315655
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 12.0 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127256.D
Acq: 08 Mar 2022 14:04

Tgt Ion:240 Resp: 168999
Ion Ratio Lower Upper
240 100
120 12.4 14.4 21.6#
236 24.4 20.5 30.7

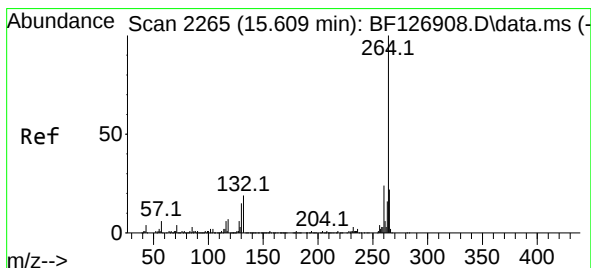
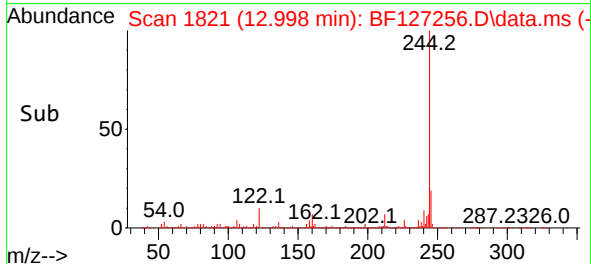
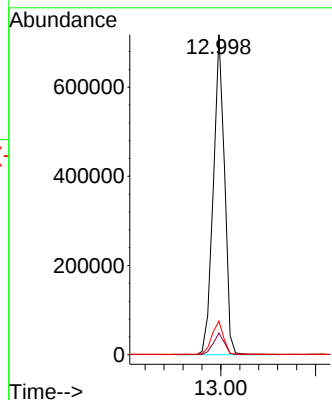
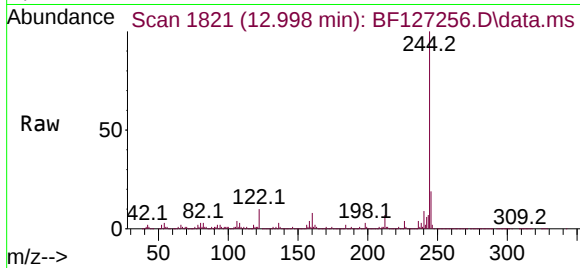




#79
 Terphenyl-d14
 Concen: 50.916 ng
 RT: 12.998 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BF127256.D
 Acq: 08 Mar 2022 14:04

Instrument :
 BNA_F
 ClientSampleId :
 17-18-SAMPLE-LOCATION-9

Tgt Ion:244 Resp: 585341
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.5 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: BF127256.D
 Acq: 08 Mar 2022 14:04

Tgt Ion:264 Resp: 179679
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.5 17.4 26.2

