

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127073.D
 Acq On : 25 Feb 2022 16:18
 Operator : CG\JU
 Sample : N1657-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-3

Quant Time: Feb 26 01:39:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

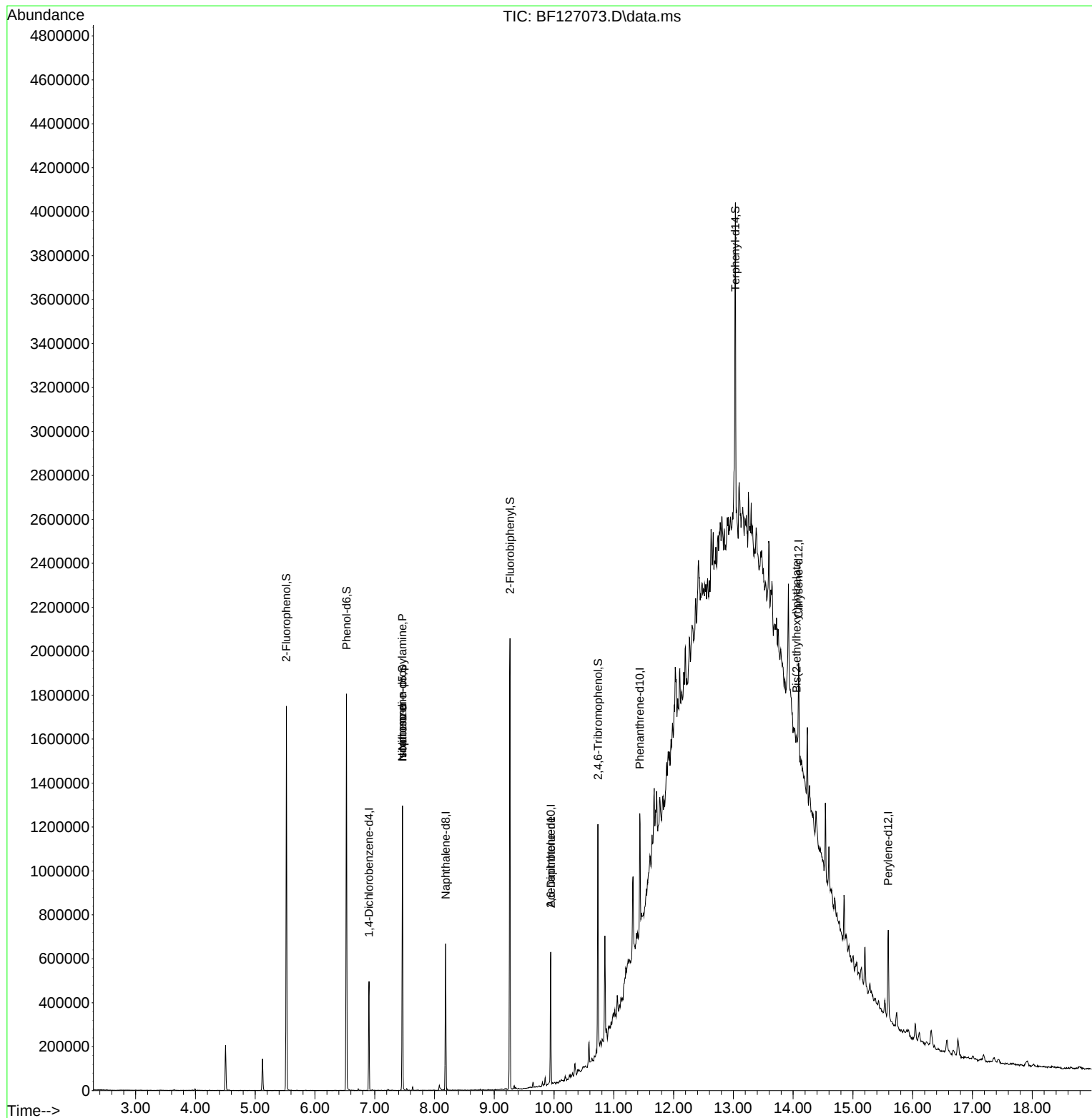
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	64488	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	251535	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	110737	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	154470	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	118646	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	126745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	372434	89.261	ng	0.00
7) Phenol-d6	6.528	99	499921	88.795	ng	-0.01
23) Nitrobenzene-d5	7.463	82	372111	66.774	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	103309	81.028	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	569873	75.760	ng	0.00
79) Terphenyl-d14	13.033	244	451203	55.905	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	51694	14.249	ng	# 81
25) Isophorone	7.463	82	371162	40.251	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	15456	9.598	ng	# 22
84) Bis(2-ethylhexyl)phtha...	14.057	149	16080	2.510	ng	# 95

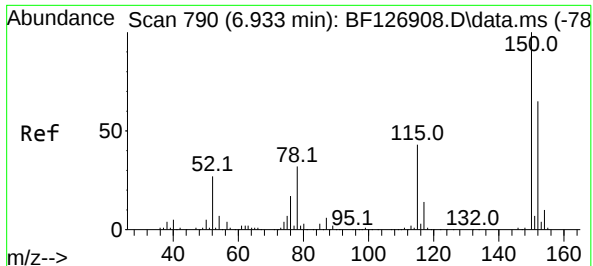
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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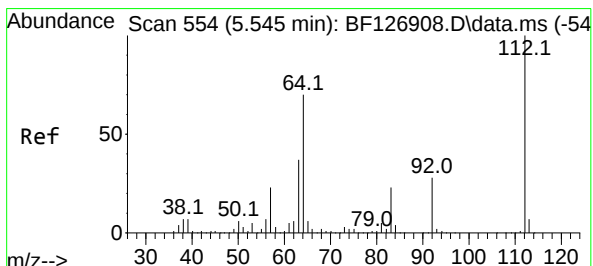
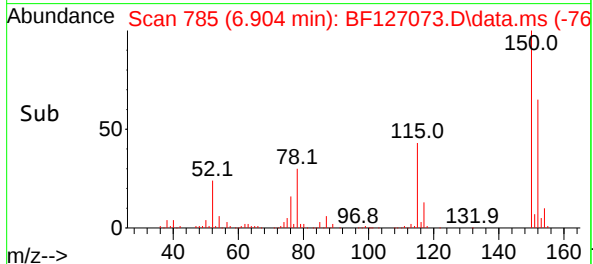
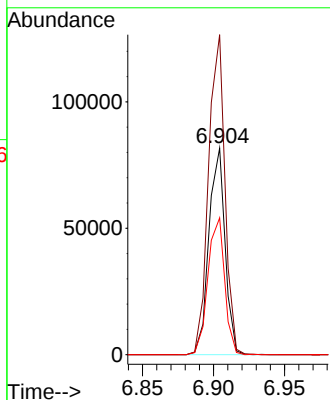
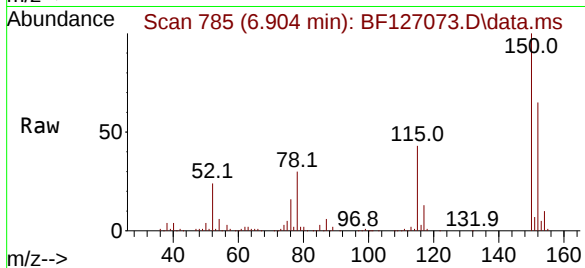




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127073.D
 Acq: 25 Feb 2022 16:18

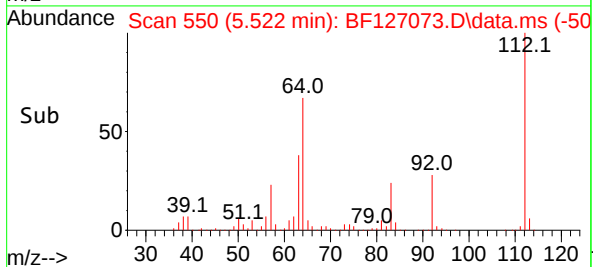
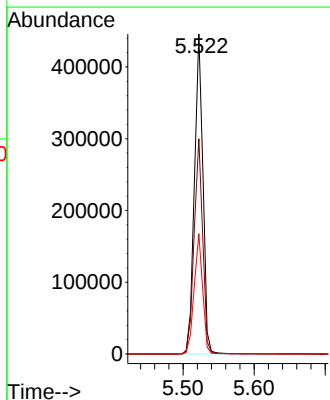
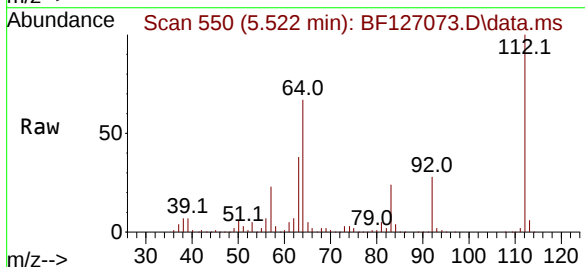
Instrument :
 BNA_F
 ClientSampleId :
 GROUP-3

Tgt Ion:152 Resp: 64488
 Ion Ratio Lower Upper
 152 100
 150 154.9 128.1 192.1
 115 66.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 89.261 ng
 RT: 5.522 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: BF127073.D
 Acq: 25 Feb 2022 16:18

Tgt Ion:112 Resp: 372434
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.5 74.3
 63 37.6 23.9 35.9#





#7

Phenol-d6

Concen: 88.795 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Instrument :

BNA_F

ClientSampleId :

GROUP-3

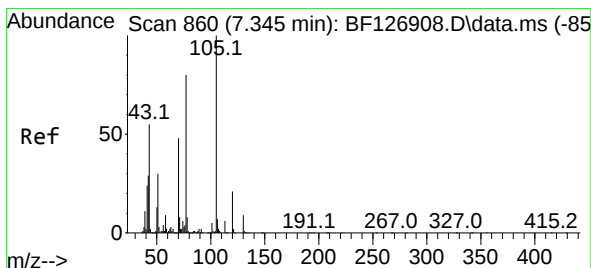
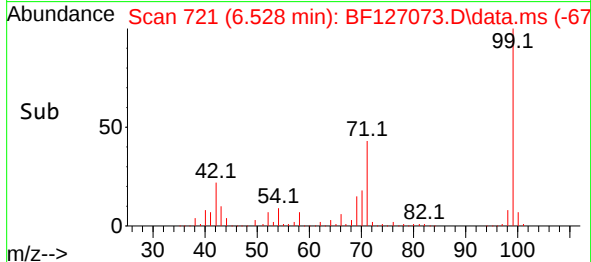
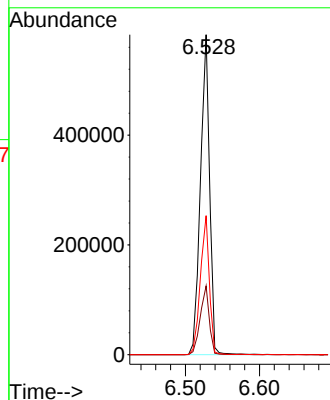
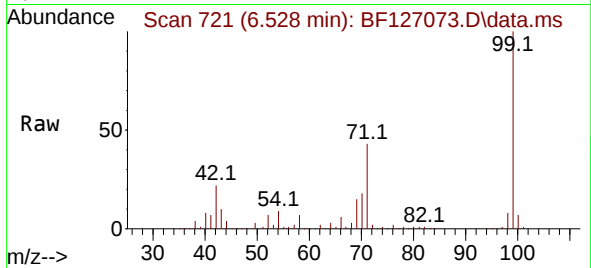
Tgt Ion: 99 Resp: 499921

Ion Ratio Lower Upper

99 100

42 21.5 14.2 21.4#

71 43.5 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 14.249 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.141 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Tgt Ion: 70 Resp: 51694

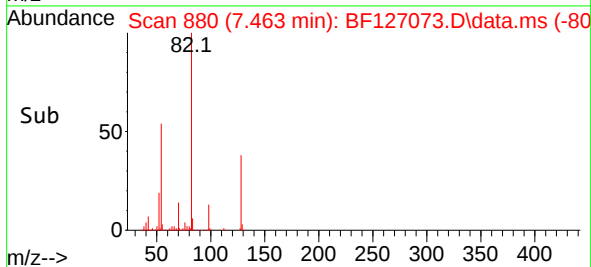
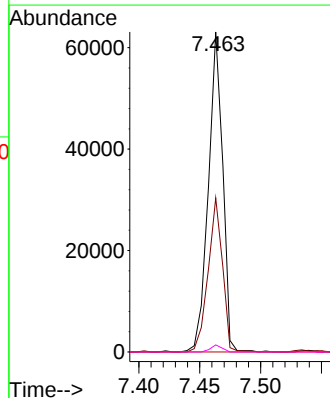
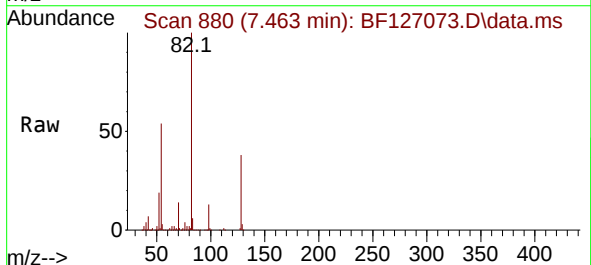
Ion Ratio Lower Upper

70 100

42 48.1 45.8 68.8

101 0.0 6.9 10.3#

130 2.2 14.4 21.6#

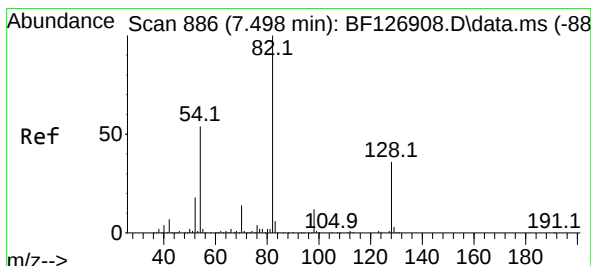
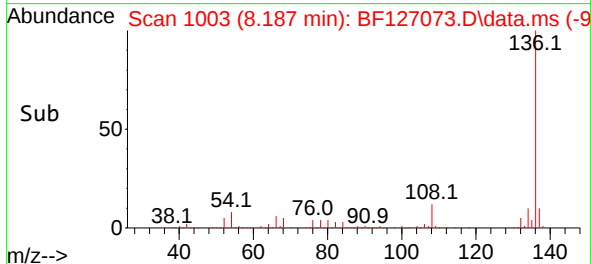
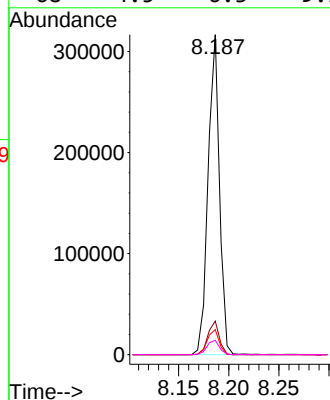
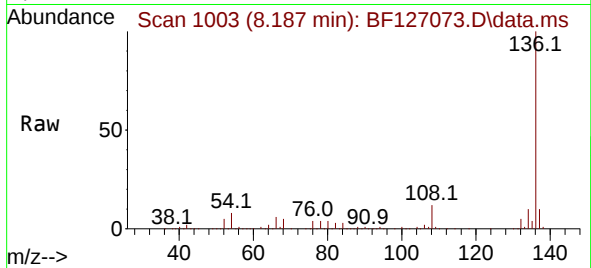




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

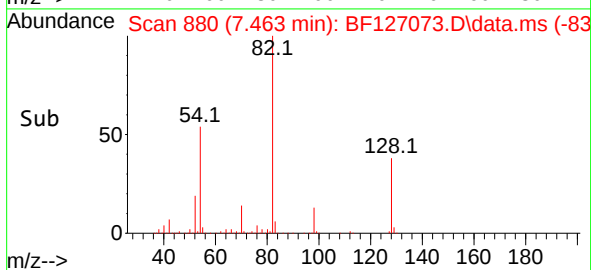
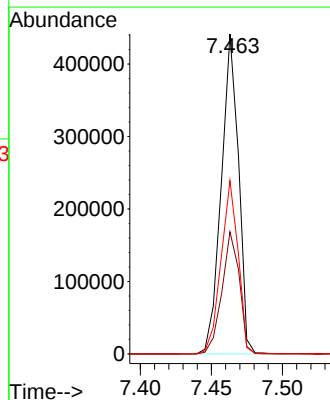
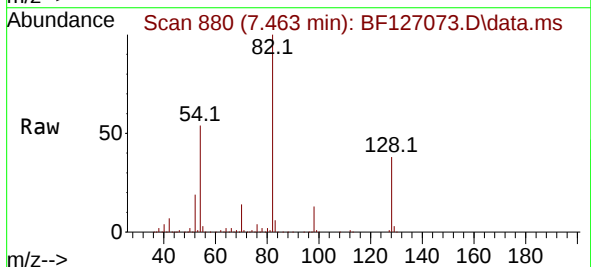
Instrument :
BNA_F
ClientSampleId :
GROUP-3

Tgt Ion:	136	Resp:	251535
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	7.9	7.8	11.6
68	4.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 66.774 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

Tgt Ion:	82	Resp:	372111
Ion Ratio	Lower	Upper	
82	100		
128	38.2	32.7	49.1
54	54.2	41.7	62.5

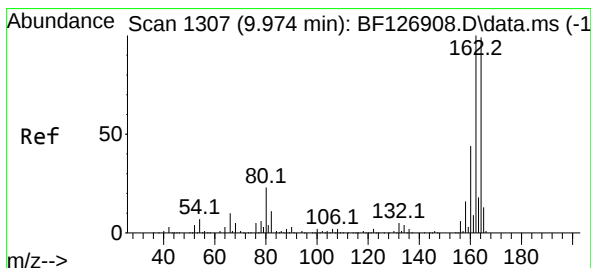
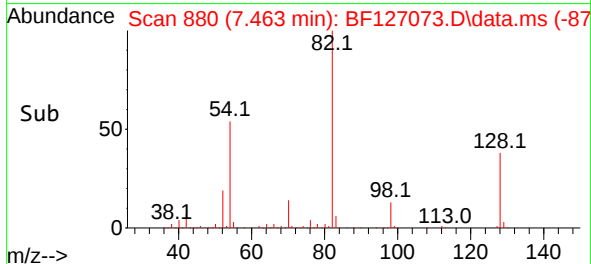
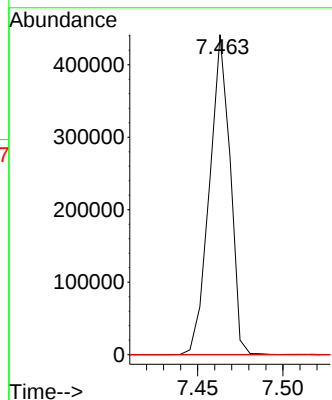
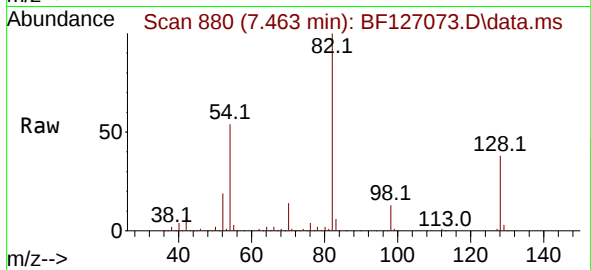




#25
Isophorone
Concen: 40.251 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

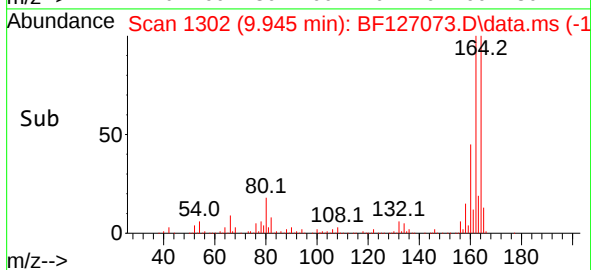
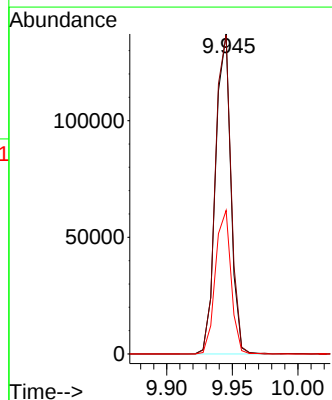
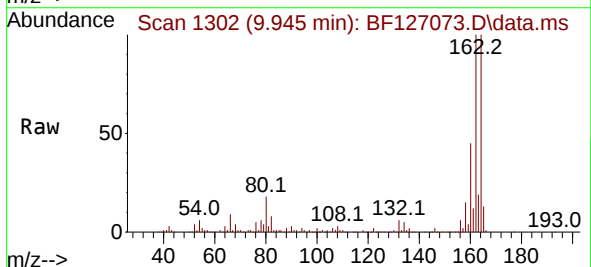
Instrument :
BNA_F
ClientSampleId :
GROUP-3

Tgt Ion: 82 Resp: 371162
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: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

Tgt Ion:164 Resp: 110737
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 81.028 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Instrument :

BNA_F

ClientSampleId :

GROUP-3

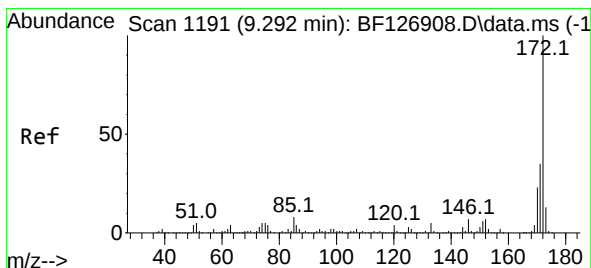
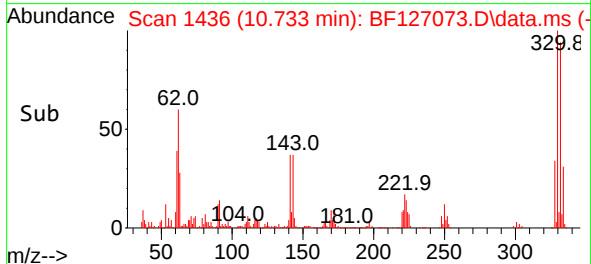
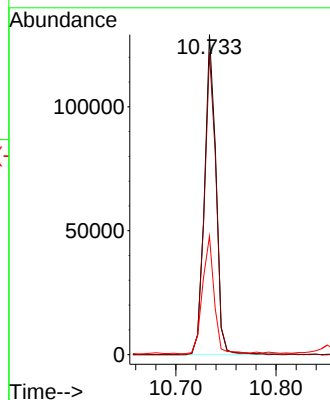
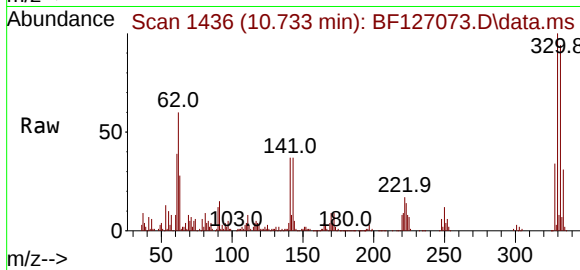
Tgt Ion:330 Resp: 103309

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 37.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 75.760 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

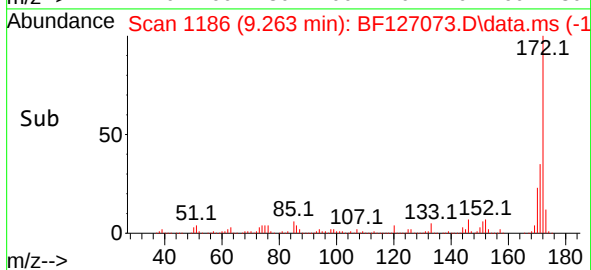
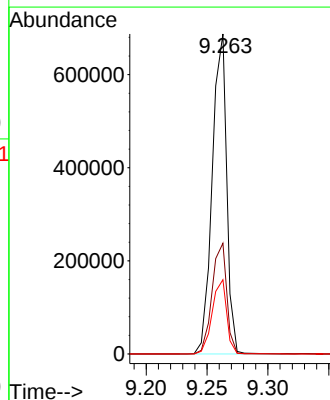
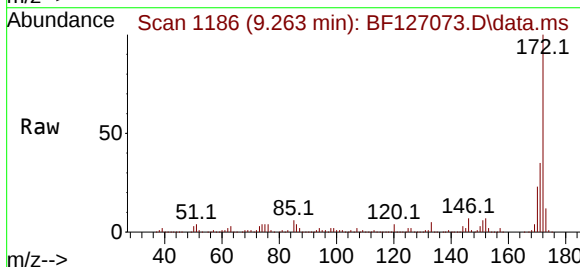
Tgt Ion:172 Resp: 569873

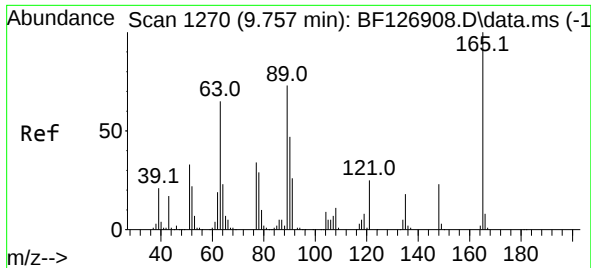
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 19.0 28.6

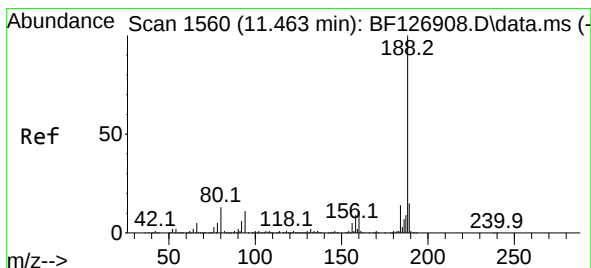
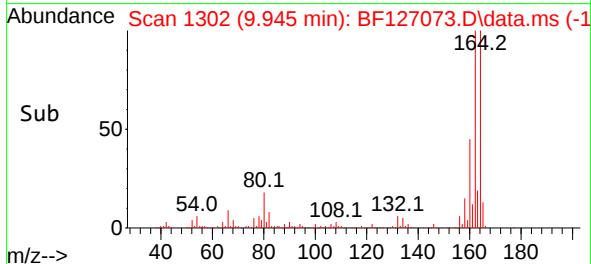
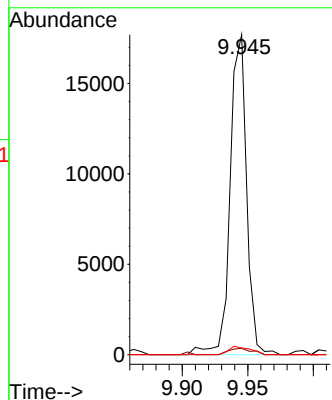
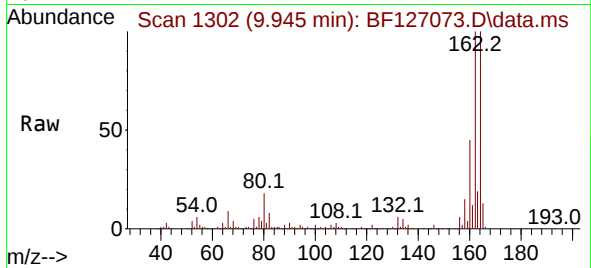




#51
2,6-Dinitrotoluene
Concen: 9.598 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

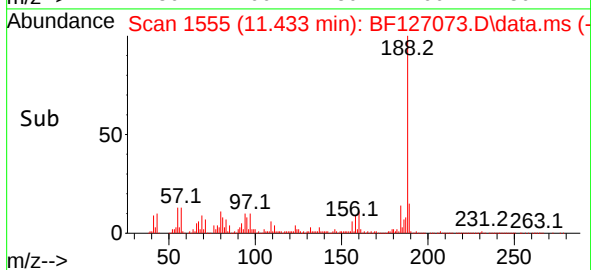
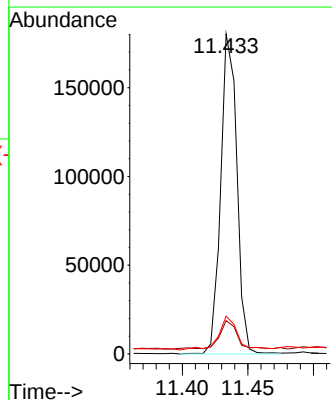
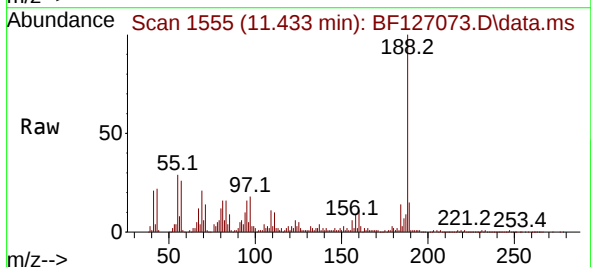
Instrument :
BNA_F
ClientSampleId :
GROUP-3

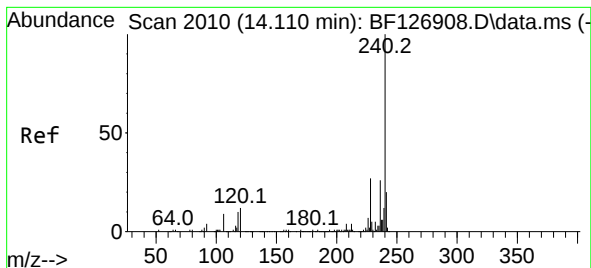
Tgt Ion:165 Resp: 15456
Ion Ratio Lower Upper
165 100
63 2.0 48.4 72.6#
89 2.1 50.5 75.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127073.D
Acq: 25 Feb 2022 16:18

Tgt Ion:188 Resp: 154470
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.8 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Instrument :

BNA_F

ClientSampleId :

GROUP-3

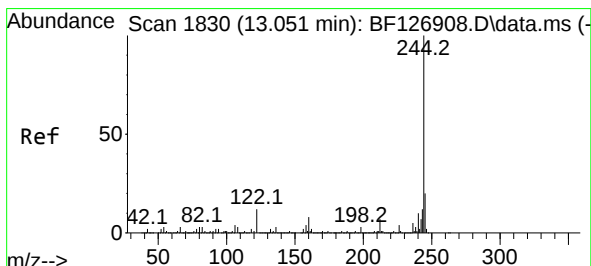
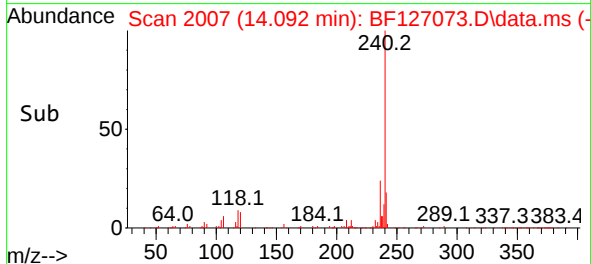
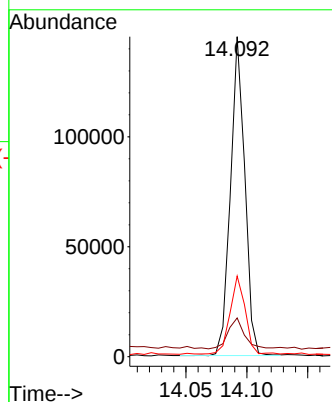
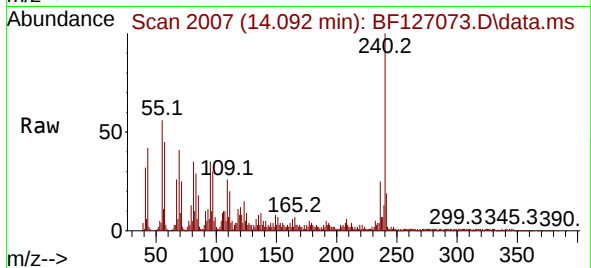
Tgt Ion:240 Resp: 118646

Ion Ratio Lower Upper

240 100

120 12.1 14.4 21.6#

236 25.2 20.5 30.7



#79

Terphenyl-d14

Concen: 55.905 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

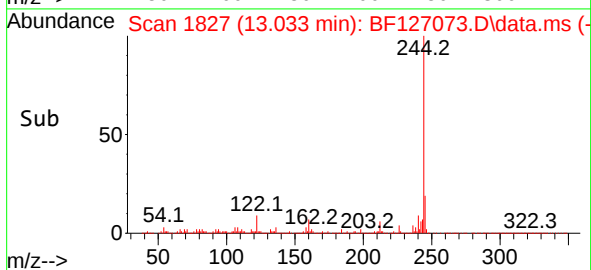
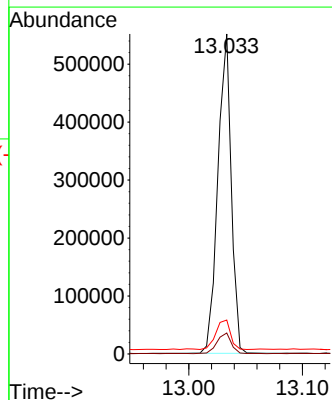
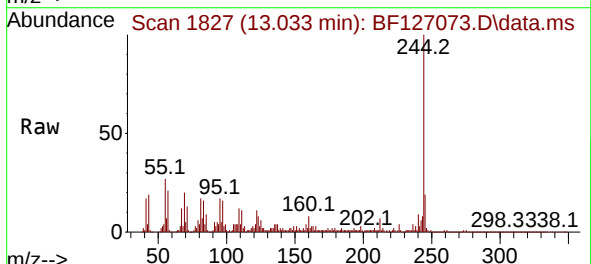
Tgt Ion:244 Resp: 451203

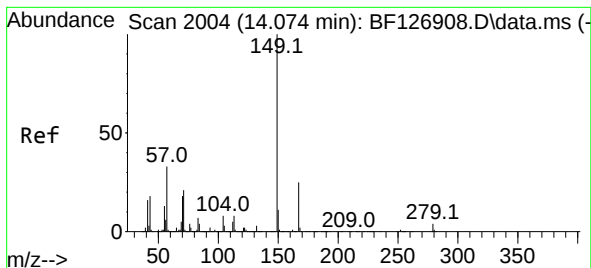
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.6 13.3 19.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.510 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Instrument :

BNA_F

ClientSampleId :

GROUP-3

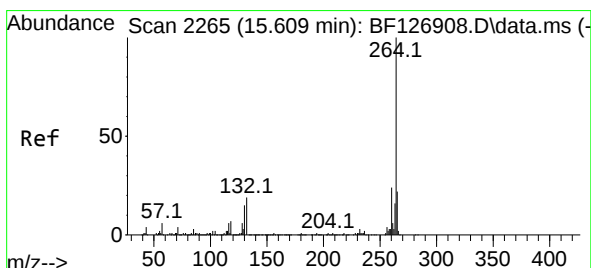
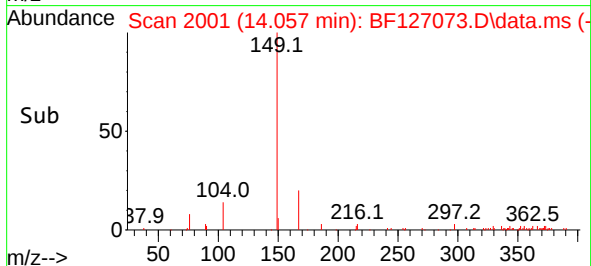
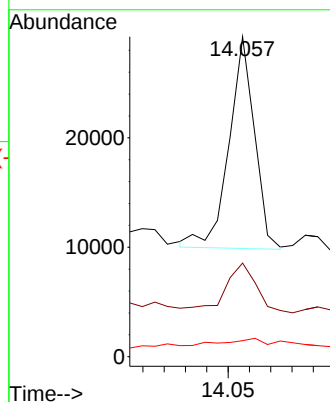
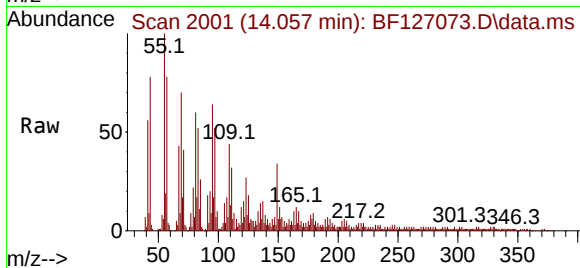
Tgt Ion:149 Resp: 16080

Ion Ratio Lower Upper

149 100

167 29.3 21.4 32.2

279 5.0 2.4 3.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF127073.D

Acq: 25 Feb 2022 16:18

Tgt Ion:264 Resp: 126745

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.3 17.4 26.2

