

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127081.D
 Acq On : 25 Feb 2022 20:06
 Operator : CG\JU
 Sample : N1657-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-2

Quant Time: Feb 26 01:40:40 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)

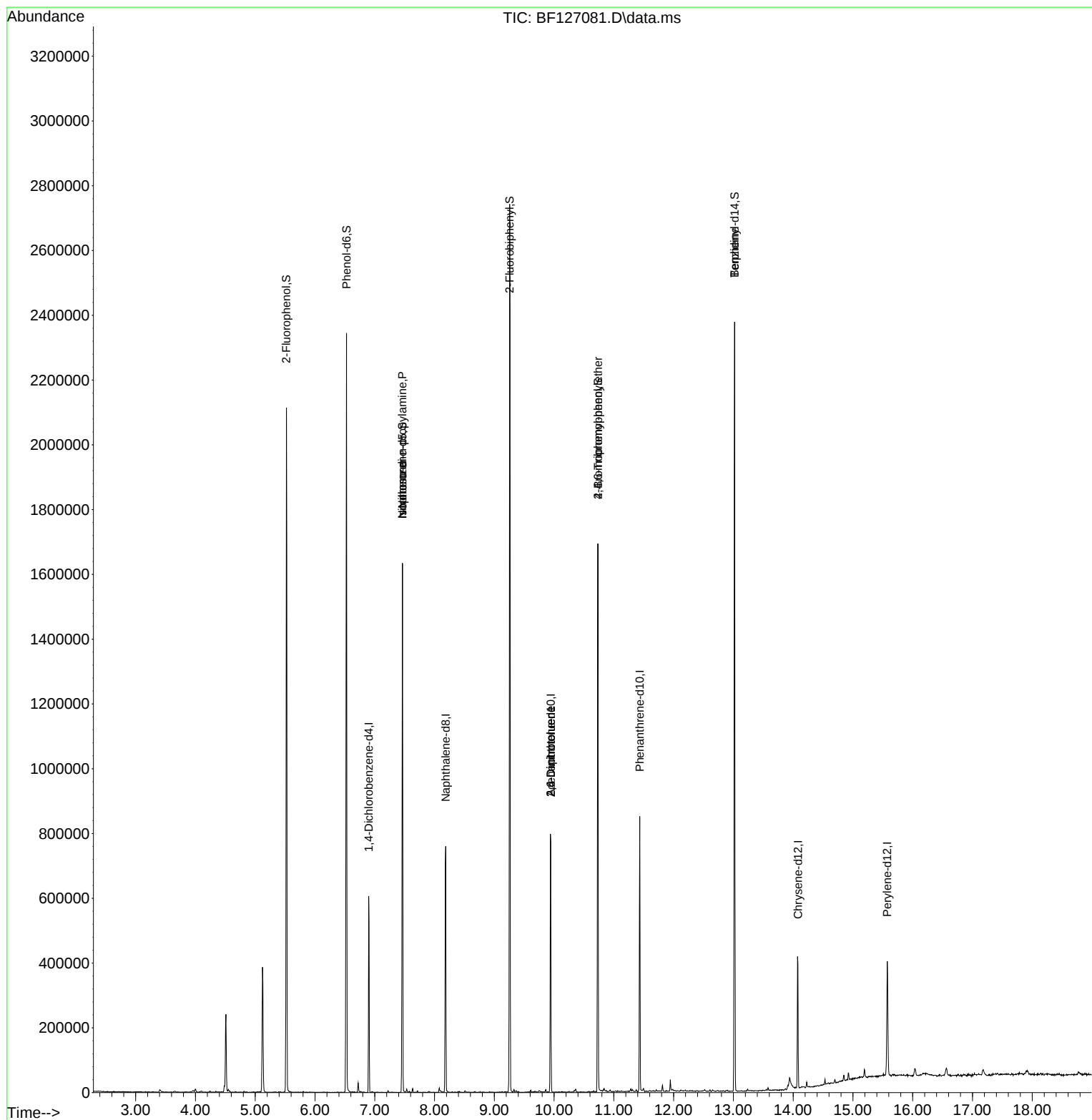
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82015	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	324649	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	160160	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	267189	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	131968	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	146690	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	505203	95.206	ng	0.00
7) Phenol-d6	6.528	99	679375	94.881	ng	-0.01
23) Nitrobenzene-d5	7.463	82	482391	67.069	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	178996	97.068	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	790476	72.659	ng	-0.01
79) Terphenyl-d14	13.021	244	731232	81.455	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	65818	14.265	ng	# 79
25) Isophorone	7.463	82	481001	40.415	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	20356	8.740	ng	# 23
57) 2,4-Dinitrotoluene	9.945	165	20356	6.464	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	11172	3.742	ng	# 1
77) Benzidine	13.021	184	10933	3.049	ng	95

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

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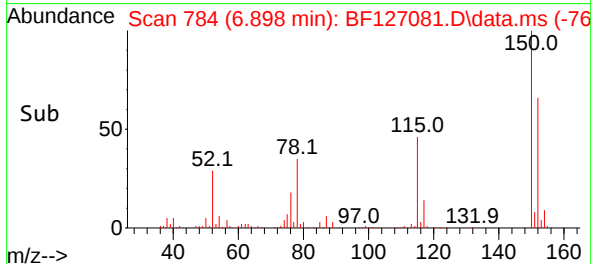
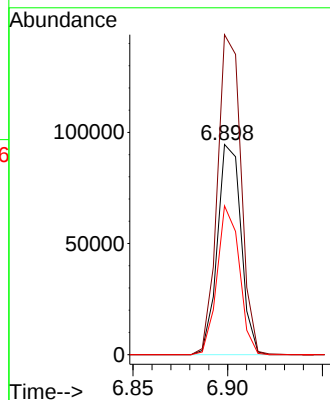
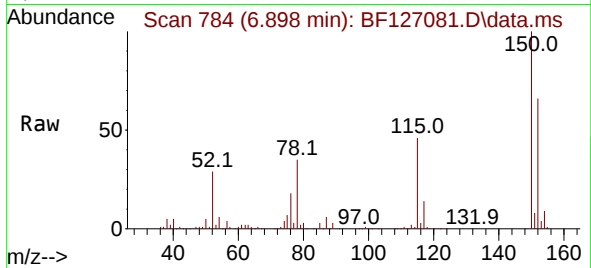




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

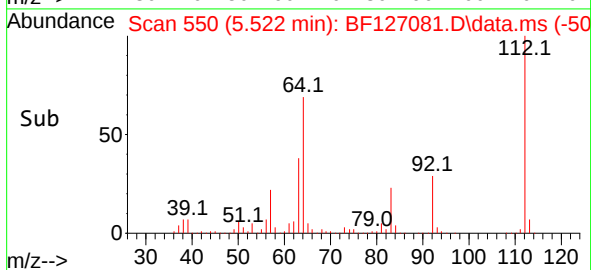
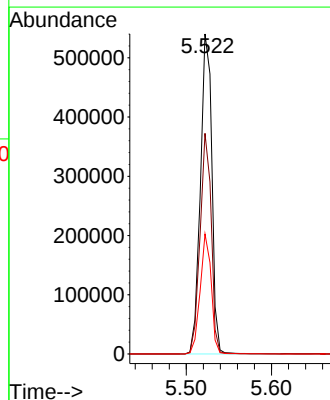
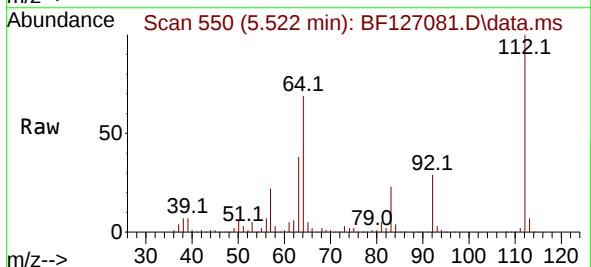
Instrument :
BNA_F
ClientSampleId :
GROUP-2

Tgt Ion:152 Resp: 82015
Ion Ratio Lower Upper
152 100
150 152.3 128.1 192.1
115 70.8 56.7 85.1



#5
2-Fluorophenol
Concen: 95.206 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion:112 Resp: 505203
Ion Ratio Lower Upper
112 100
64 69.0 49.5 74.3
63 37.5 23.9 35.9#

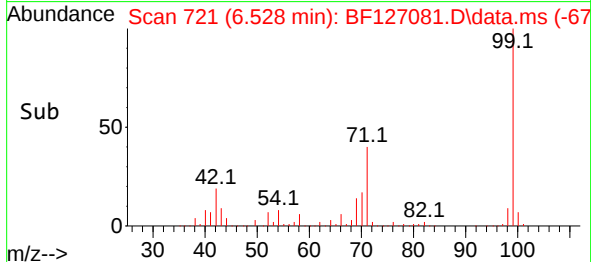
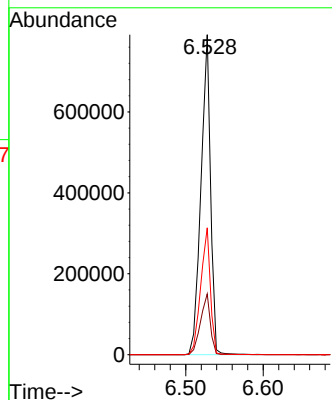
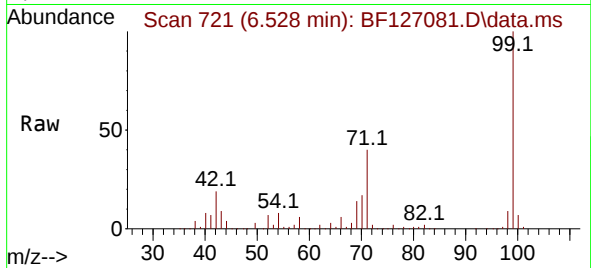




#7
Phenol-d6
Concen: 94.881 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

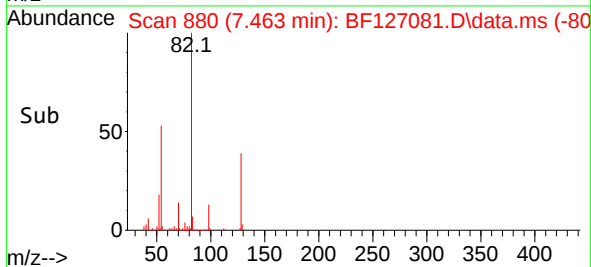
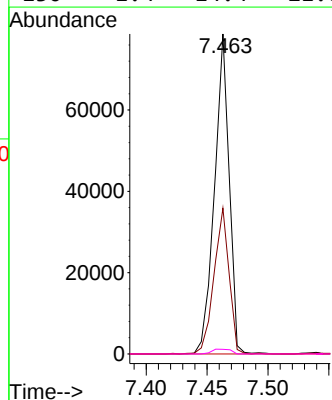
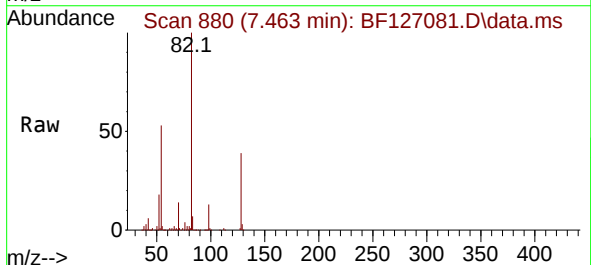
Instrument :
BNA_F
ClientSampleId :
GROUP-2

Tgt Ion: 99 Resp: 679375
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 39.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.265 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion: 70 Resp: 65818
Ion Ratio Lower Upper
70 100
42 45.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

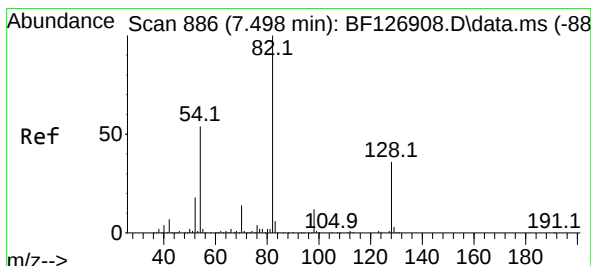
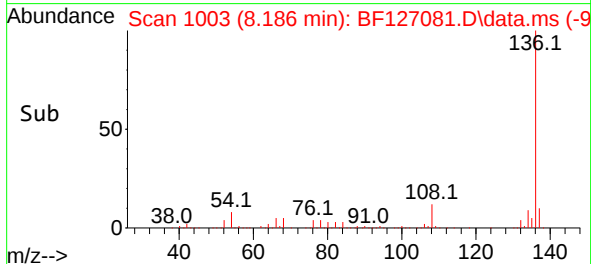
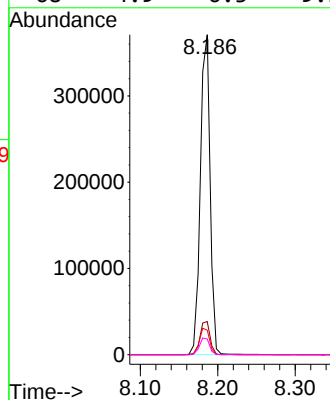
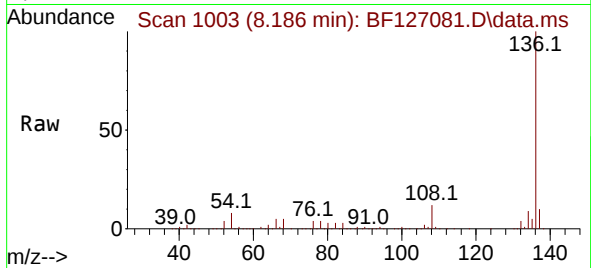




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

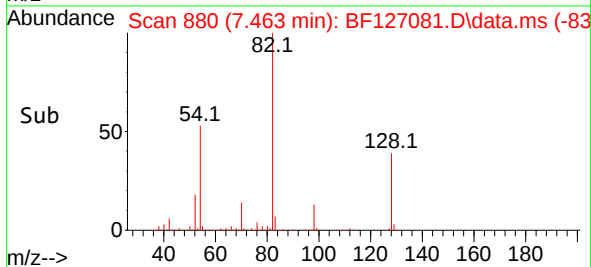
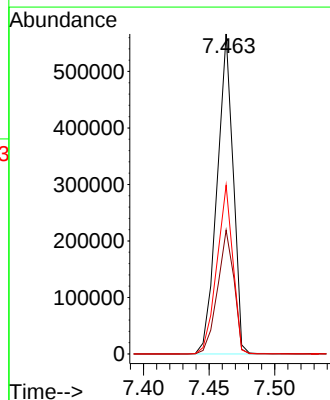
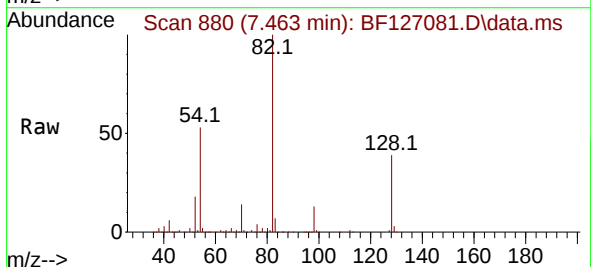
Instrument :
BNA_F
ClientSampleId :
GROUP-2

Tgt Ion:136 Resp: 324649
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.7 7.8 11.6#
68 4.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 67.069 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion: 82 Resp: 482391
Ion Ratio Lower Upper
82 100
128 38.7 32.7 49.1
54 52.7 41.7 62.5

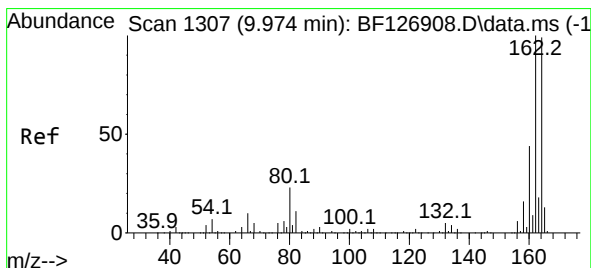
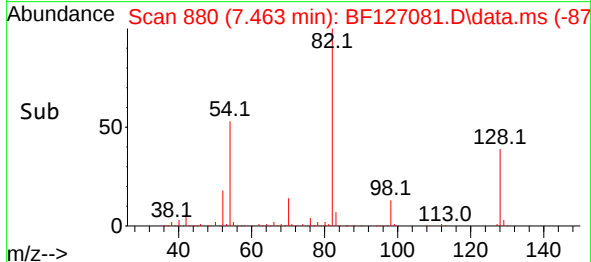
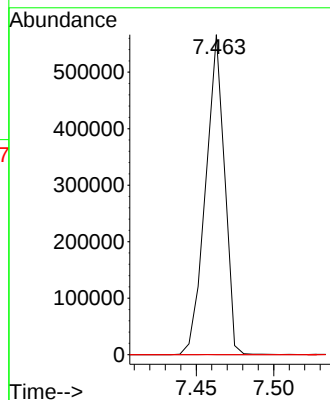
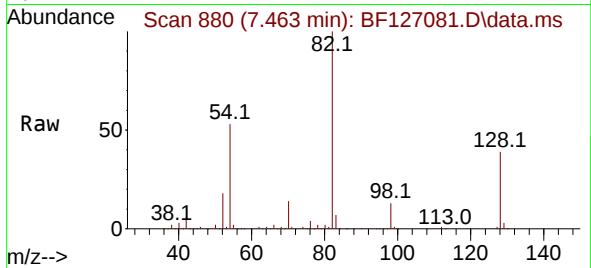




#25
Isophorone
Concen: 40.415 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

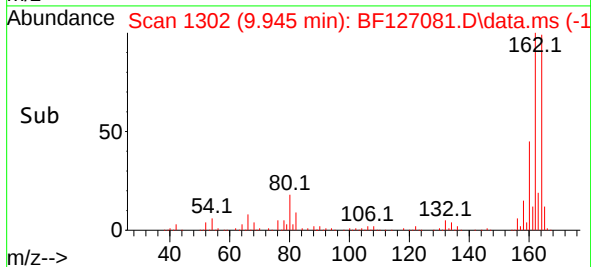
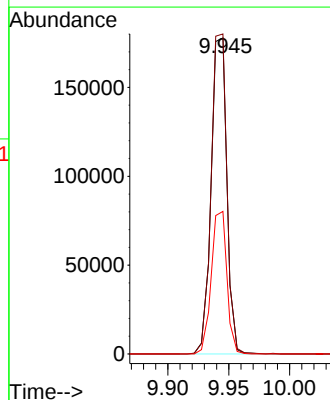
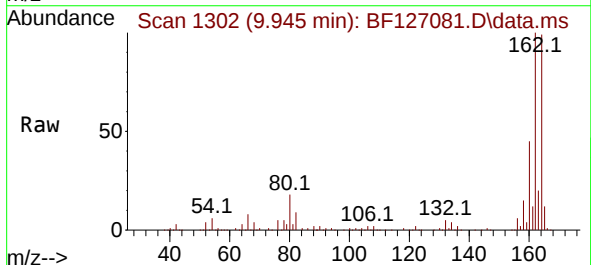
Instrument :
BNA_F
ClientSampleId :
GROUP-2

Tgt Ion: 82 Resp: 481001
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: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion:164 Resp: 160160
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.1 36.6 54.8

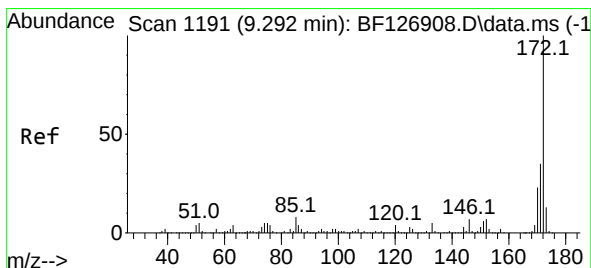
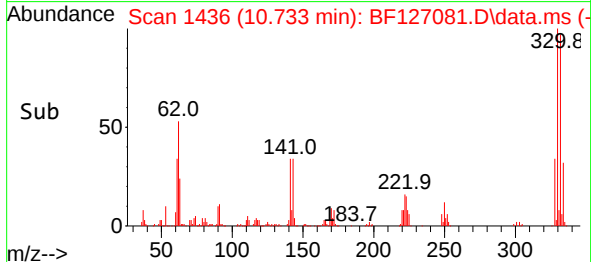
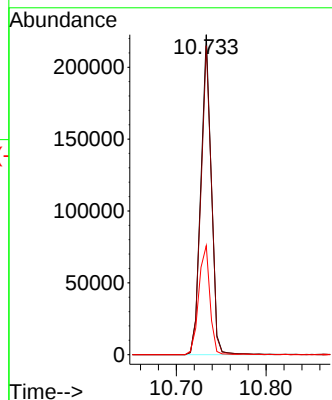
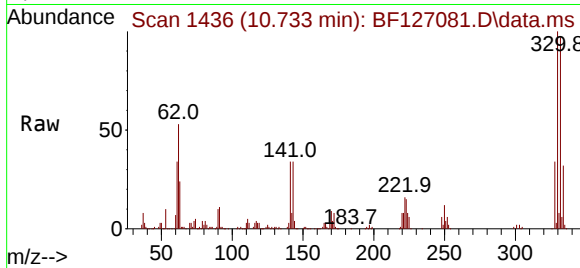




#42
2,4,6-Tribromophenol
Concen: 97.068 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

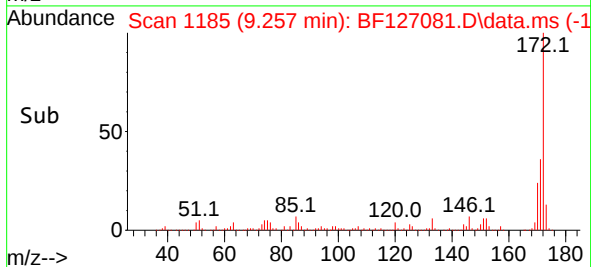
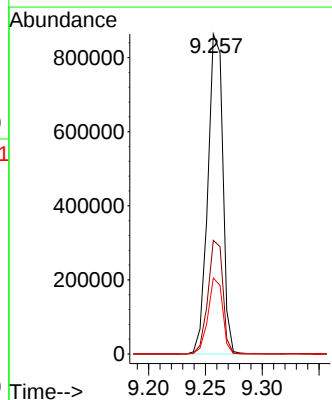
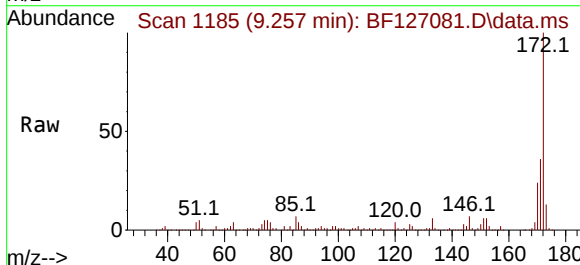
Instrument :
BNA_F
ClientSampleId :
GROUP-2

Tgt Ion:330 Resp: 178996
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 36.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 72.659 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion:172 Resp: 790476
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 19.0 28.6

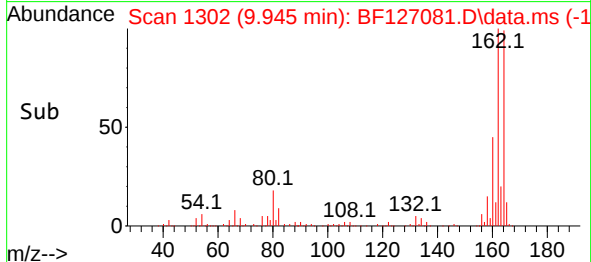
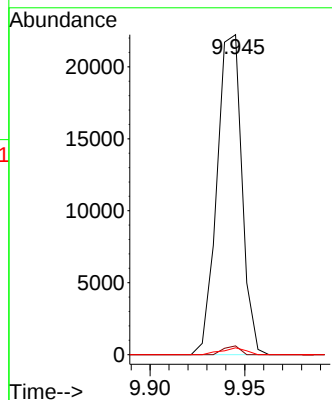
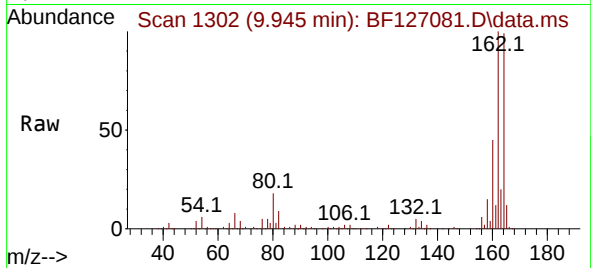




#51
2,6-Dinitrotoluene
Concen: 8.740 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

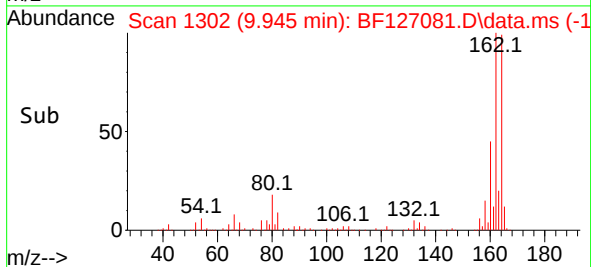
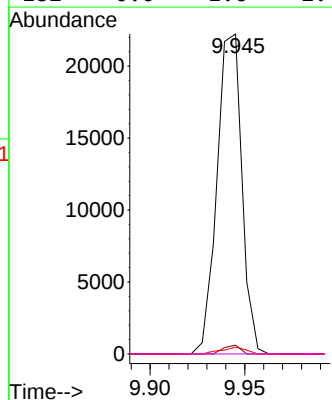
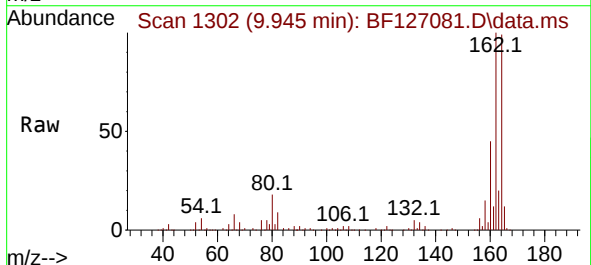
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BNA_F
ClientSampleId :
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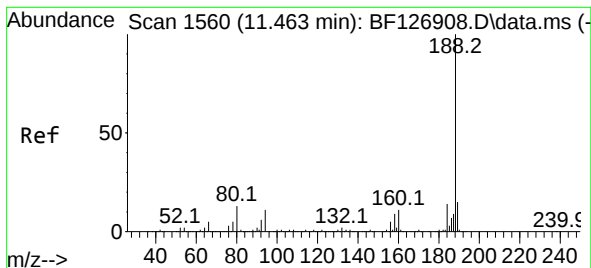
Tgt Ion:165 Resp: 20356
Ion Ratio Lower Upper
165 100
63 2.7 48.4 72.6#
89 2.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.464 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127081.D
Acq: 25 Feb 2022 20:06

Tgt Ion:165 Resp: 20356
Ion Ratio Lower Upper
165 100
63 2.7 43.0 64.6#
89 2.2 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127081.D

Acq: 25 Feb 2022 20:06

Instrument :

BNA_F

ClientSampleId :

GROUP-2

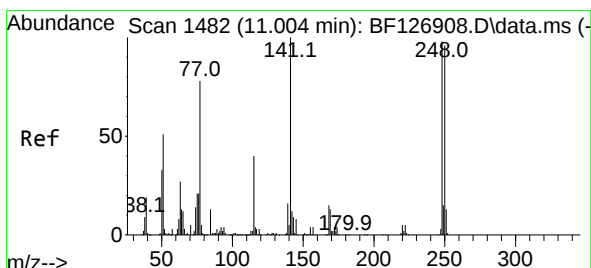
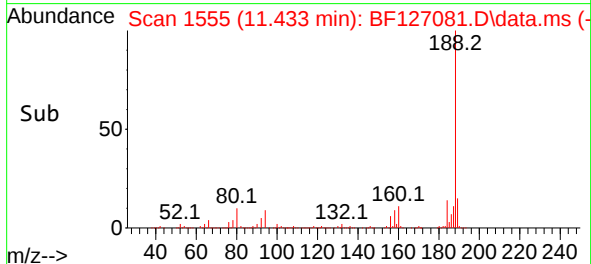
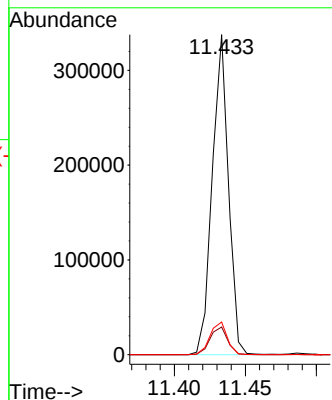
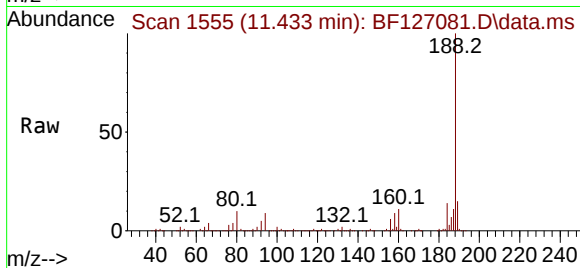
Tgt Ion:188 Resp: 267189

Ion Ratio Lower Upper

188 100

94 8.6 10.1 15.1#

80 10.2 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.742 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127081.D

Acq: 25 Feb 2022 20:06

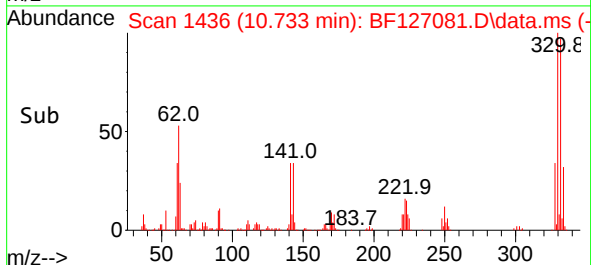
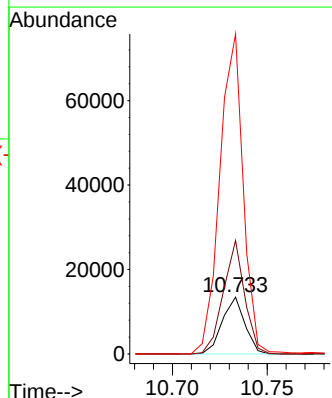
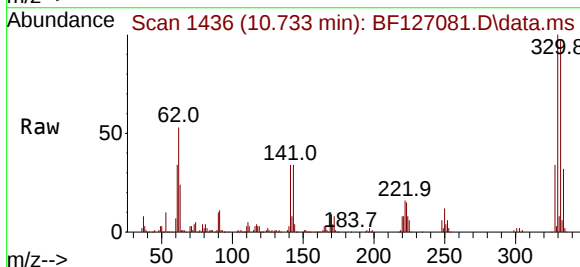
Tgt Ion:248 Resp: 11172

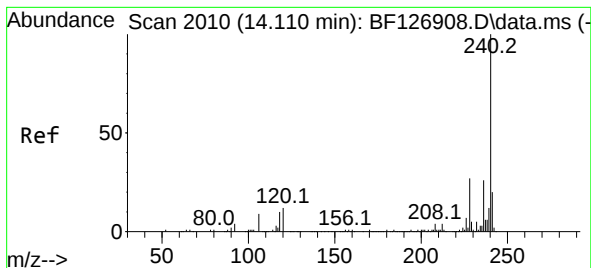
Ion Ratio Lower Upper

248 100

250 199.4 76.2 114.4#

141 562.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127081.D

Acq: 25 Feb 2022 20:06

Instrument :

BNA_F

ClientSampleId :

GROUP-2

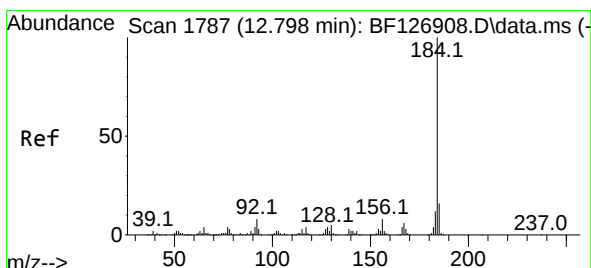
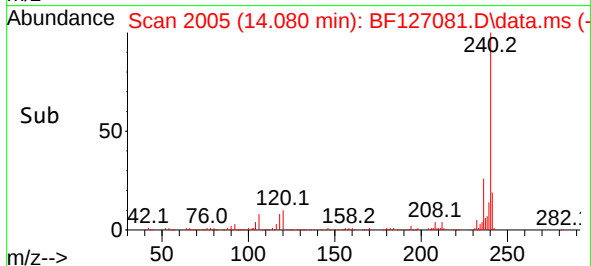
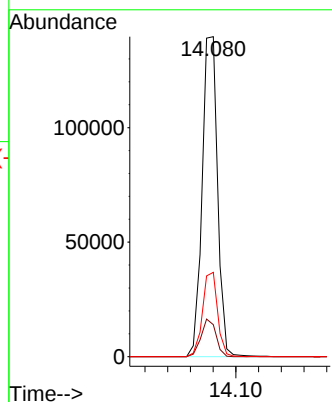
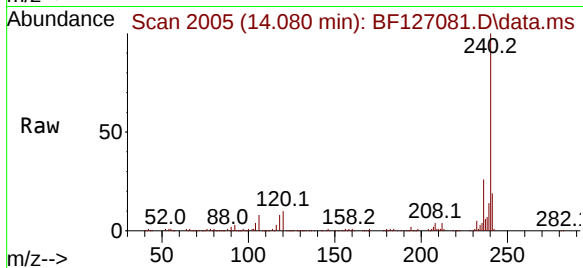
Tgt Ion:240 Resp: 131968

Ion Ratio Lower Upper

240 100

120 10.0 14.4 21.6#

236 26.4 20.5 30.7



#77

Benzidine

Concen: 3.049 ng

RT: 13.021 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF127081.D

Acq: 25 Feb 2022 20:06

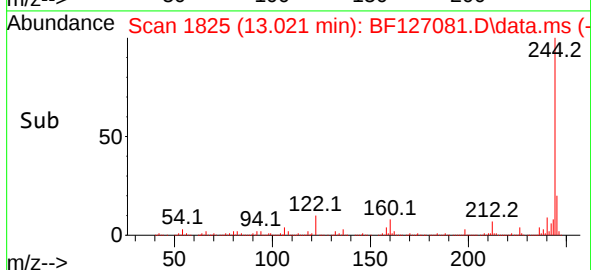
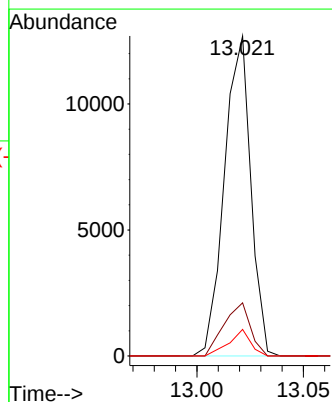
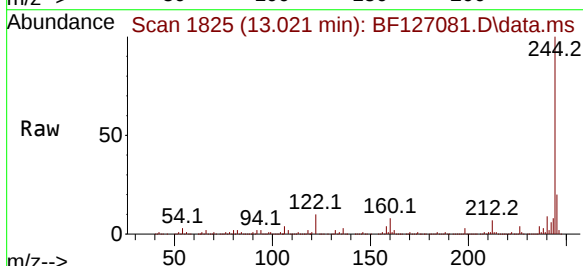
Tgt Ion:184 Resp: 10933

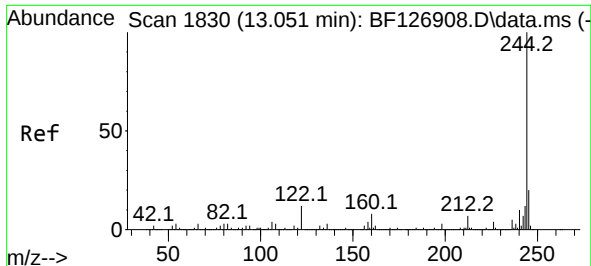
Ion Ratio Lower Upper

184 100

185 16.6 11.8 17.8

183 8.3 8.2 12.2

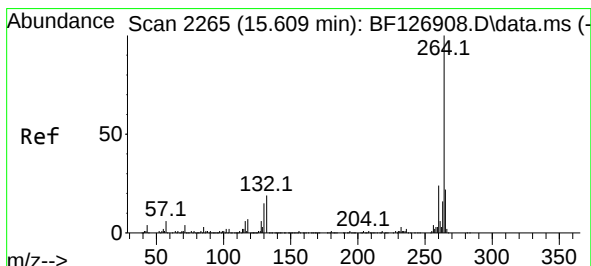
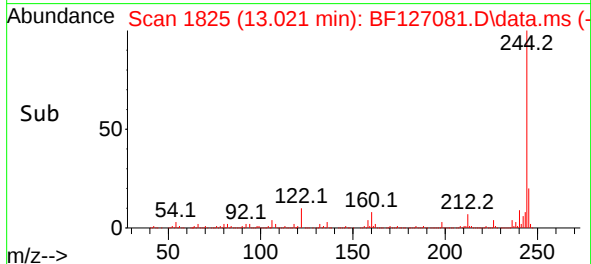
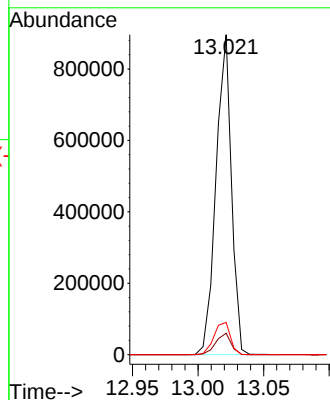
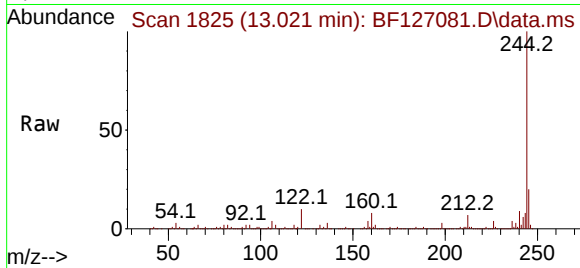




#79
 Terphenyl-d14
 Concen: 81.455 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127081.D
 Acq: 25 Feb 2022 20:06

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-2

Tgt Ion:244 Resp: 731232
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127081.D
 Acq: 25 Feb 2022 20:06

Tgt Ion:264 Resp: 146690
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.6 17.4 26.2

