

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127077.D
 Acq On : 25 Feb 2022 18:12
 Operator : CG\JU
 Sample : N1657-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-6

Quant Time: Feb 26 01:40:15 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)

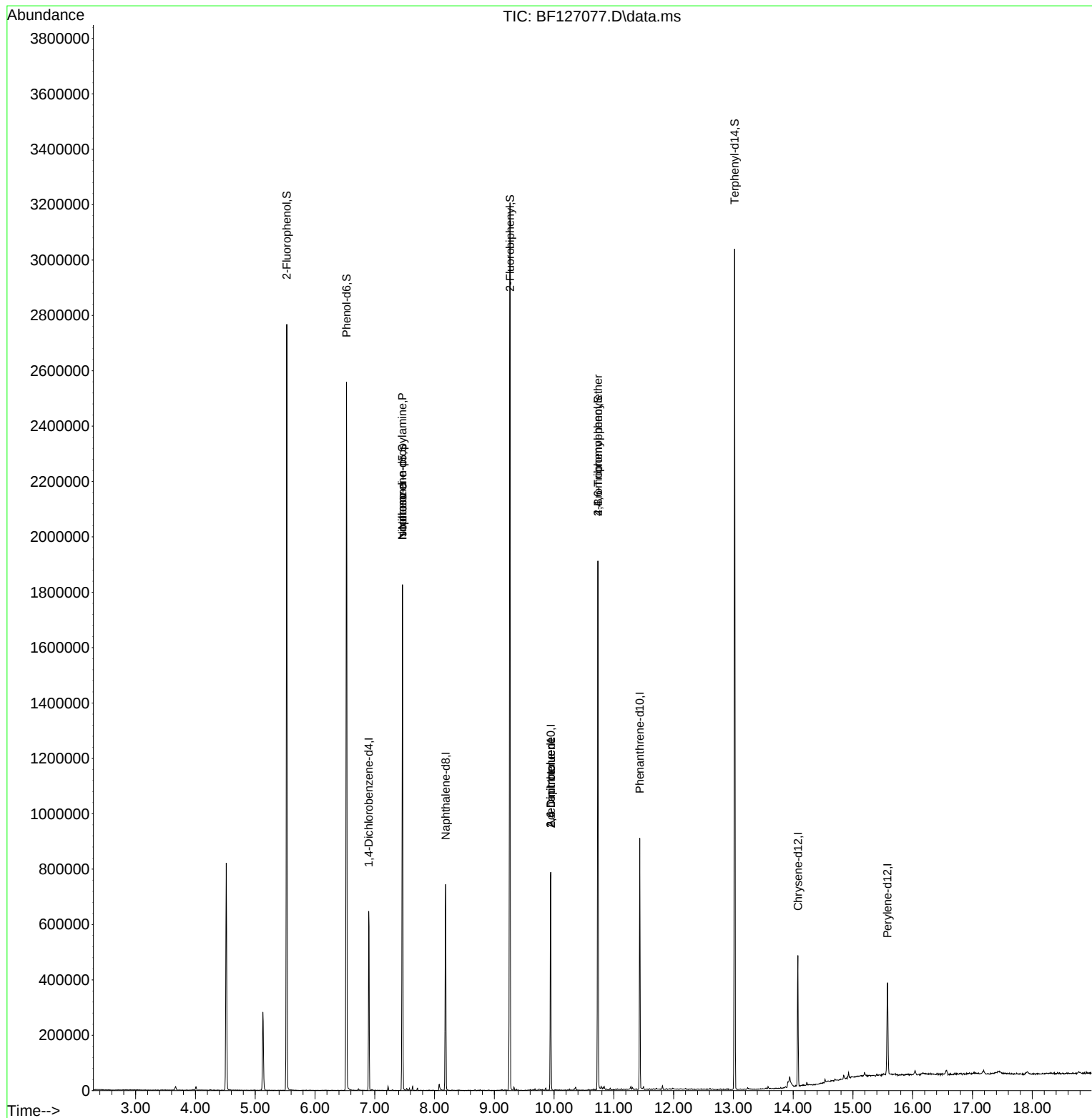
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	87682	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	313064	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	157377	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	275007	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	144218	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	143229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	627342	110.582	ng	0.00
7) Phenol-d6	6.528	99	849427	110.963	ng	-0.01
23) Nitrobenzene-d5	7.463	82	592471	85.422	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	198452	109.522	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	894847	83.707	ng	0.00
79) Terphenyl-d14	13.021	244	943194	96.141	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	81710	16.565	ng	# 78
25) Isophorone	7.463	82	590226	51.427	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	20357	8.895	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	20357	6.578	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	12037	3.917	ng	# 1

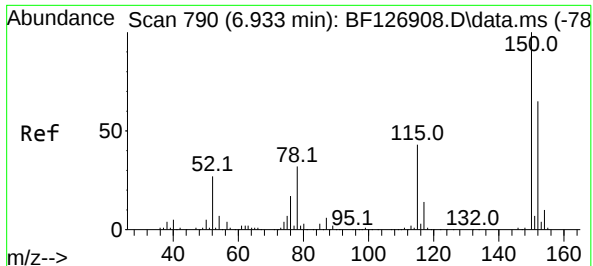
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
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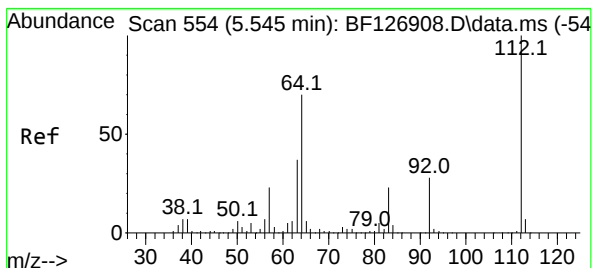
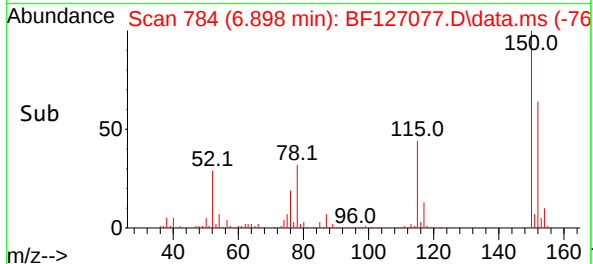
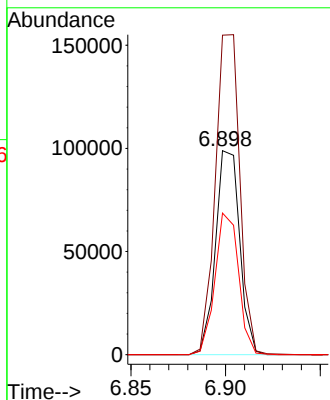
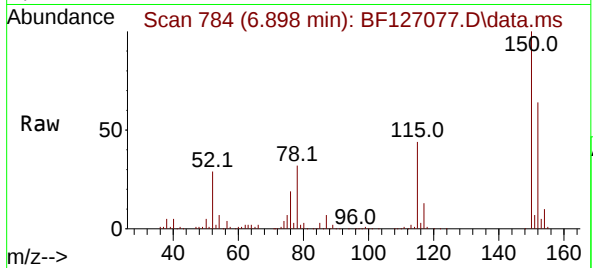




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

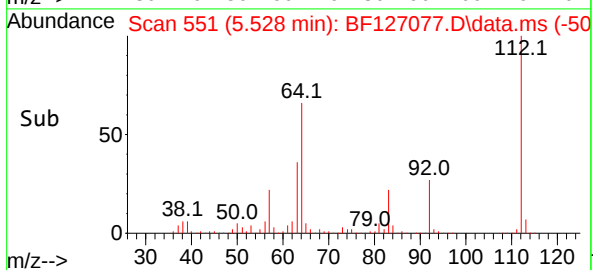
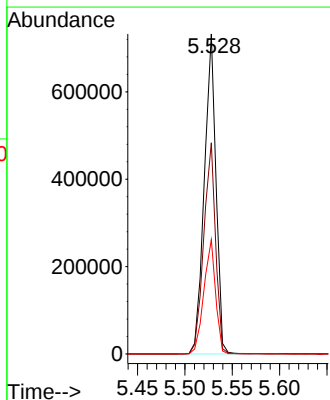
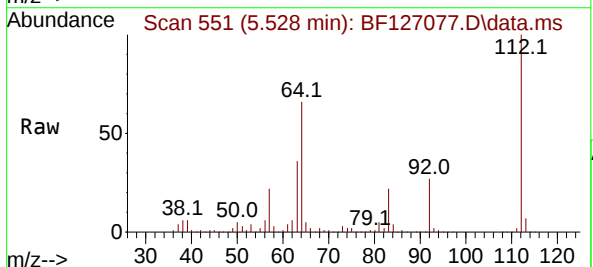
Instrument :
BNA_F
ClientSampleId :
GROUP-6

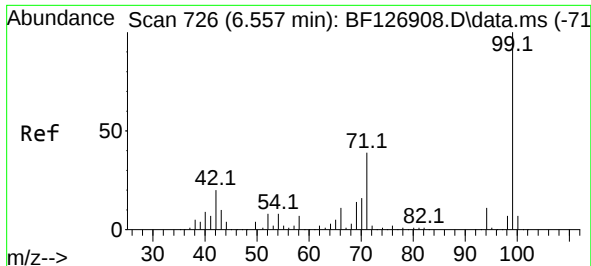
Tgt Ion:152 Resp: 87682
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 69.4 56.7 85.1



#5
2-Fluorophenol
Concen: 110.582 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion:112 Resp: 627342
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 35.7 23.9 35.9

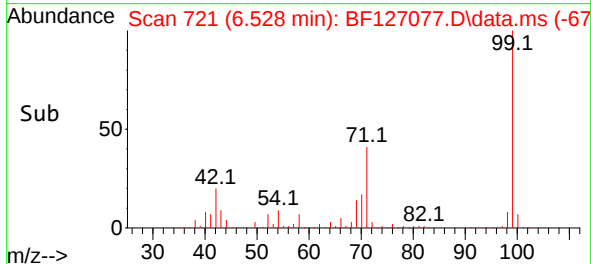
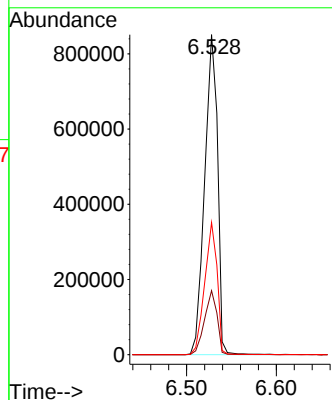
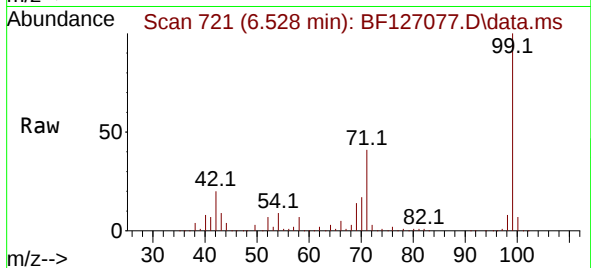




#7
Phenol-d6
Concen: 110.963 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

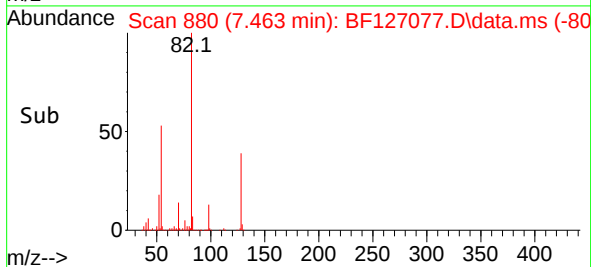
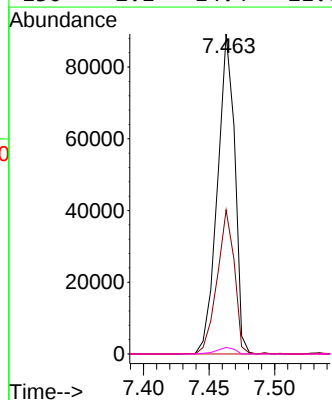
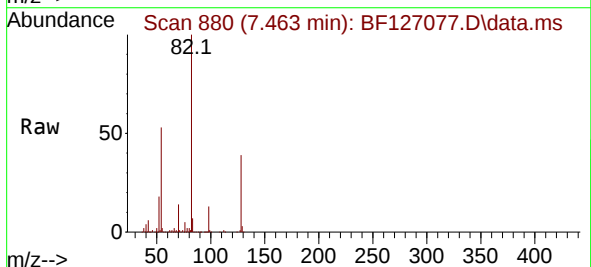
Instrument :
BNA_F
ClientSampleId :
GROUP-6

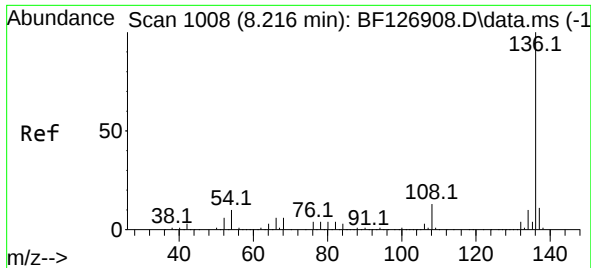
Tgt Ion: 99 Resp: 849427
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 41.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.565 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion: 70 Resp: 81710
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

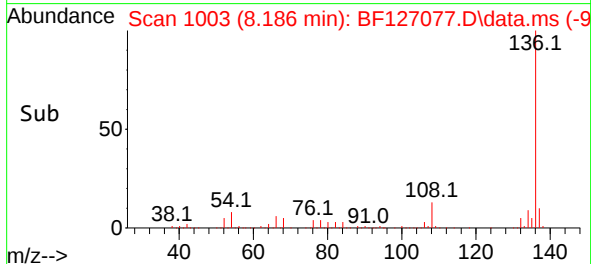
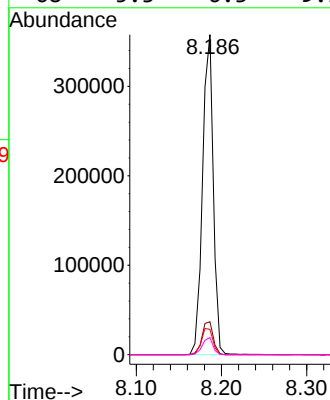
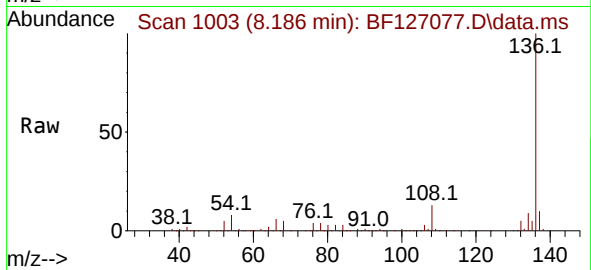




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

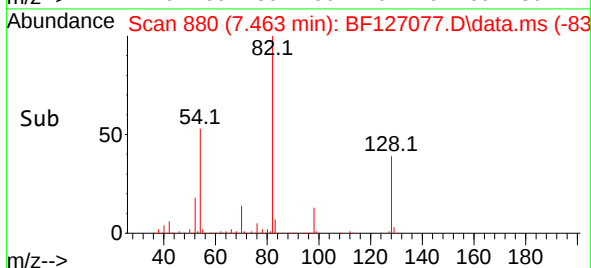
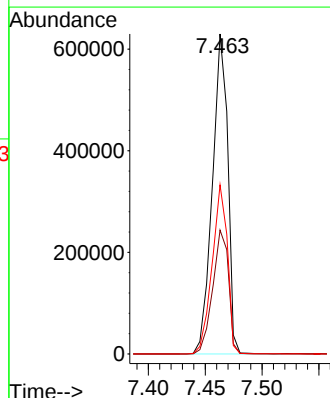
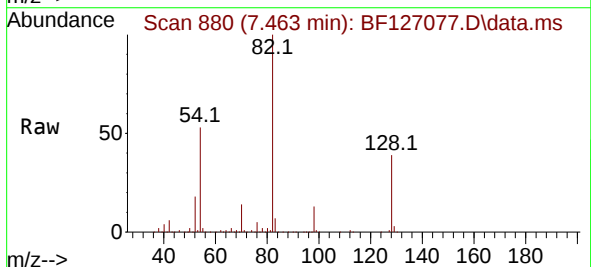
Instrument :
BNA_F
ClientSampleId :
GROUP-6

Tgt Ion:136 Resp: 313064
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.9 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 85.422 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion: 82 Resp: 592471
Ion Ratio Lower Upper
82 100
128 38.7 32.7 49.1
54 52.9 41.7 62.5

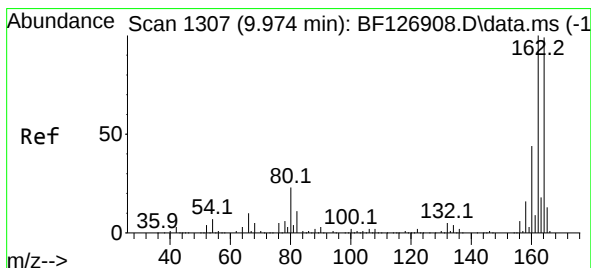
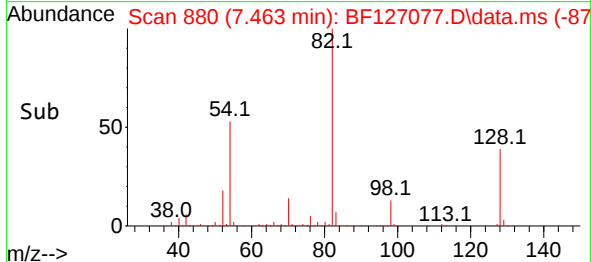
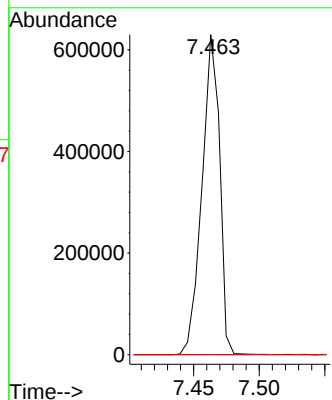
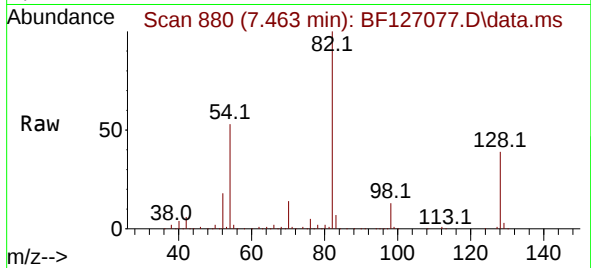




#25
Isophorone
Concen: 51.427 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

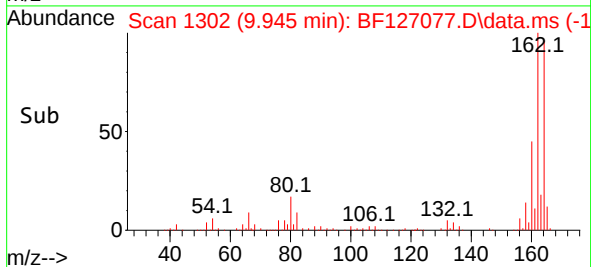
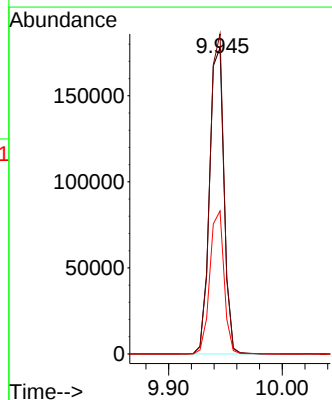
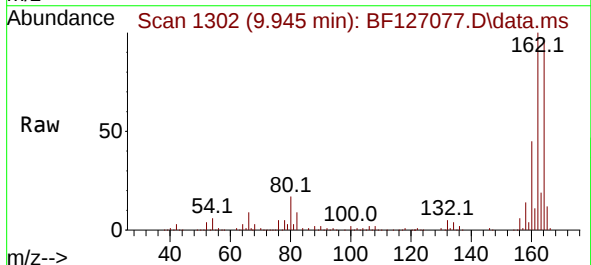
Instrument :
BNA_F
ClientSampleId :
GROUP-6

Tgt Ion: 82 Resp: 590226
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: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion:164 Resp: 157377
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 109.522 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127077.D

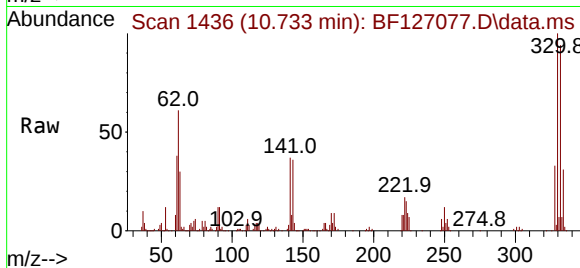
Acq: 25 Feb 2022 18:12

Instrument :

BNA_F

ClientSampleId :

GROUP-6



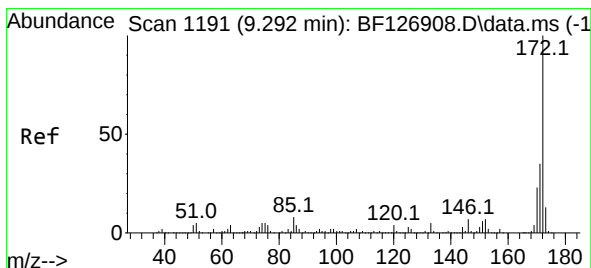
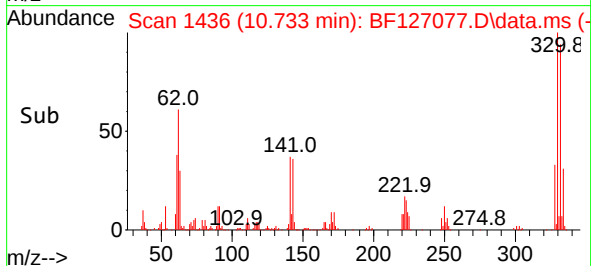
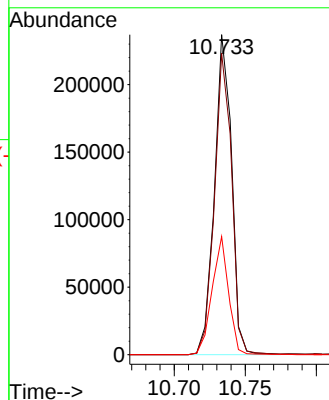
Tgt Ion:330 Resp: 198452

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 35.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.707 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127077.D

Acq: 25 Feb 2022 18:12

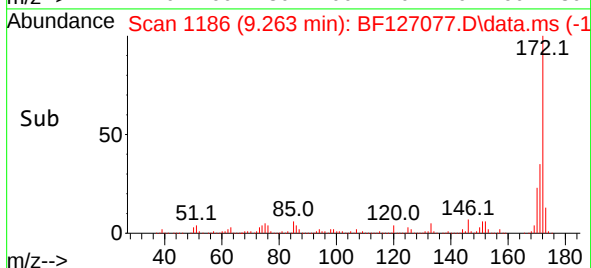
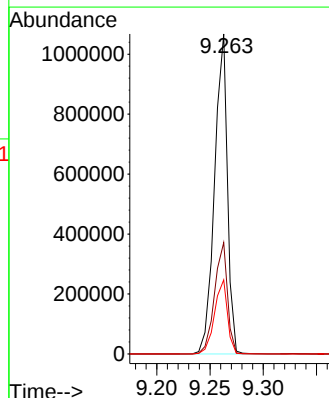
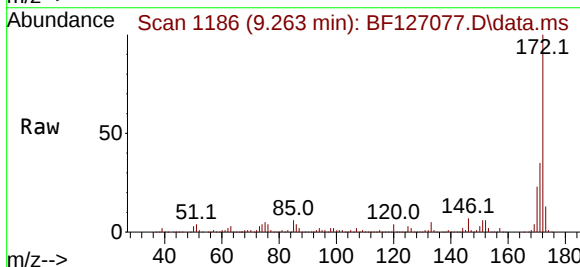
Tgt Ion:172 Resp: 894847

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.0 28.6

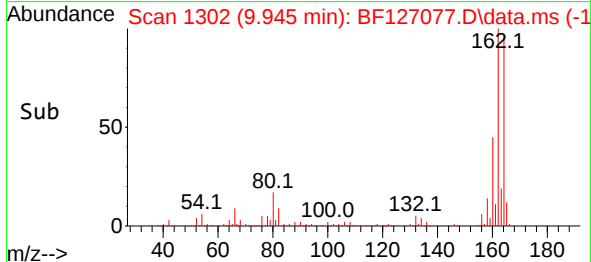
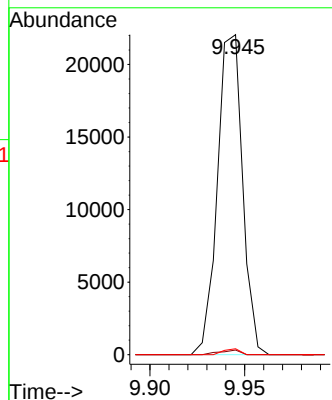
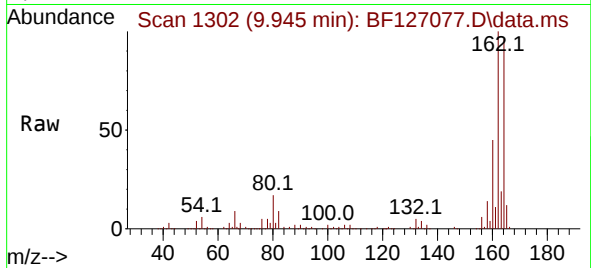




#51
2,6-Dinitrotoluene
Concen: 8.895 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

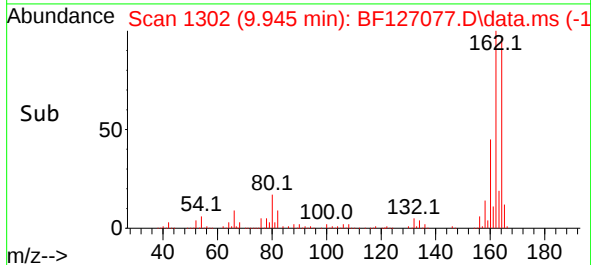
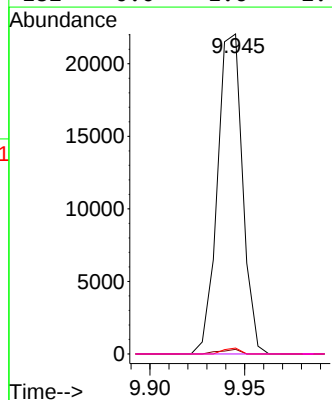
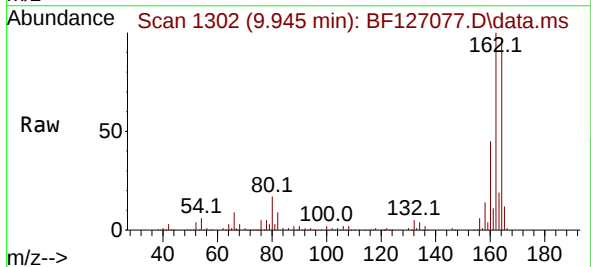
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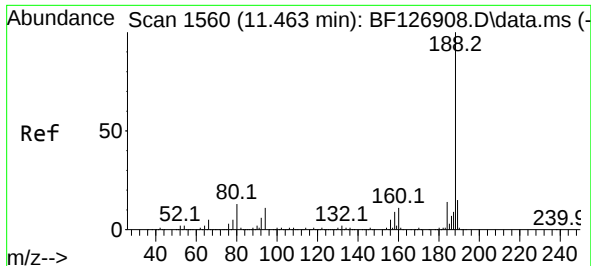
Tgt Ion:165 Resp: 20357
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion:165 Resp: 20357
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

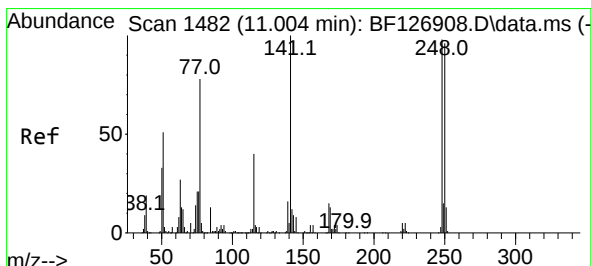
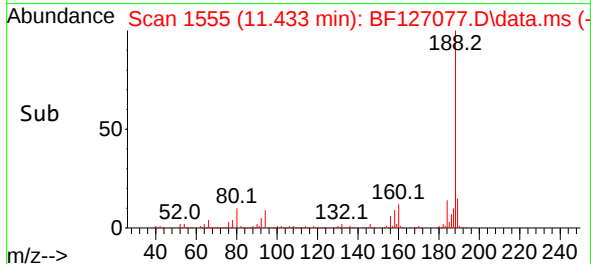
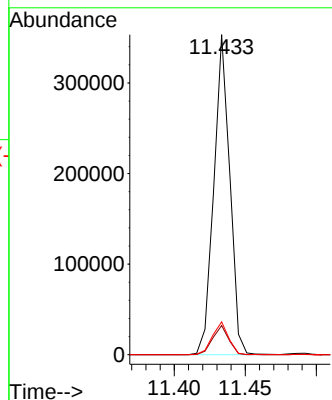
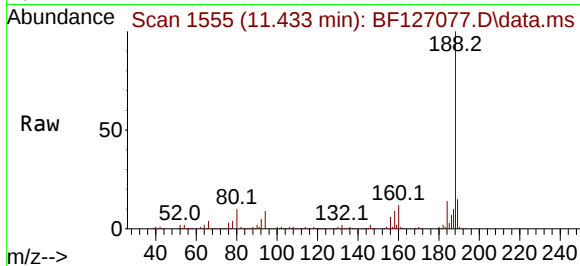




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

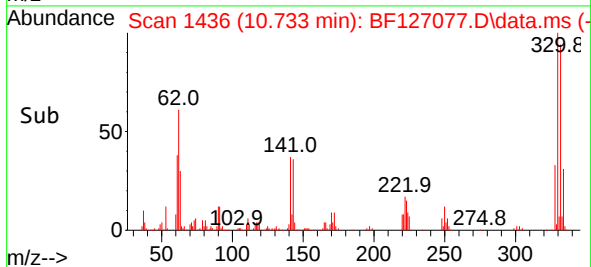
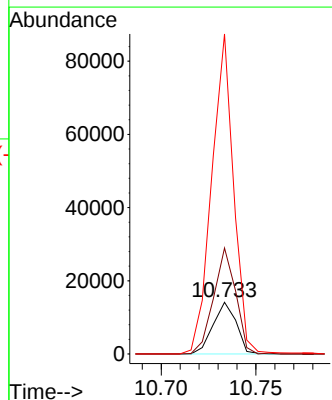
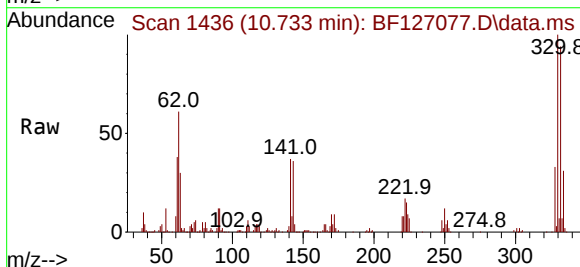
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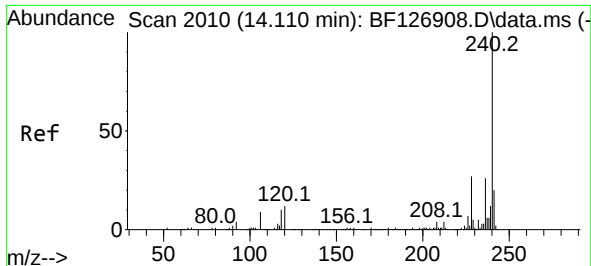
Tgt Ion:188 Resp: 275007
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.917 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Tgt Ion:248 Resp: 12037
Ion Ratio Lower Upper
248 100
250 204.9 76.2 114.4#
141 619.2 66.2 99.4#

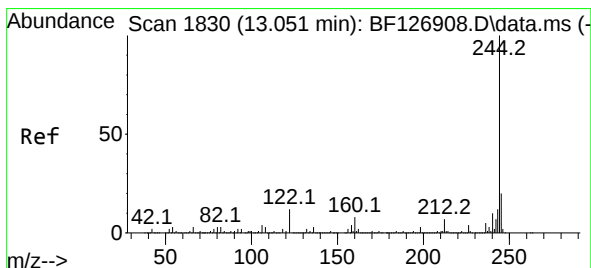
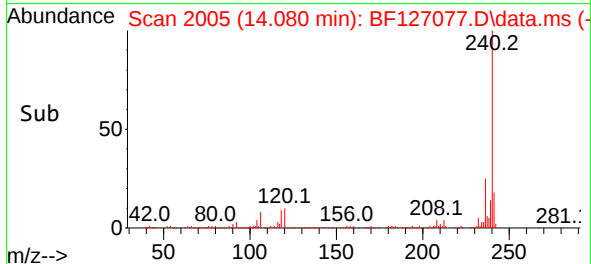
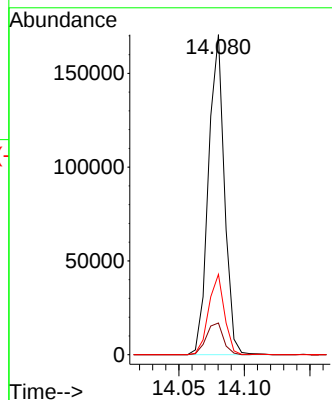
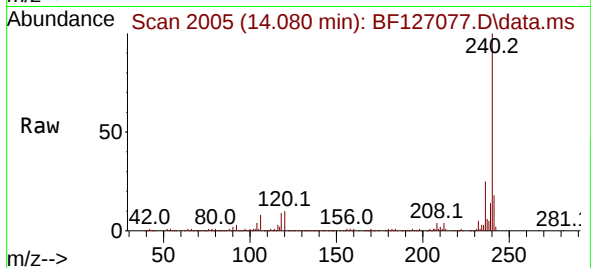




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

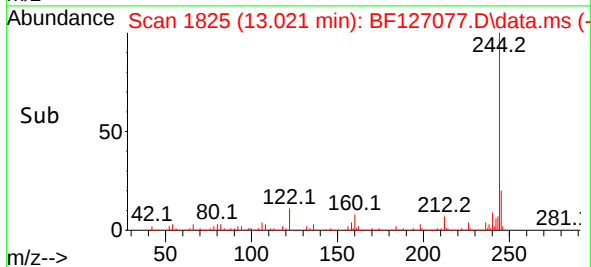
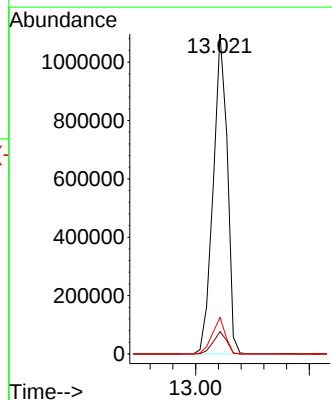
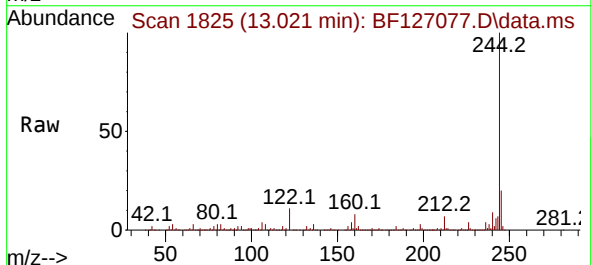
Instrument :
BNA_F
ClientSampleId :
GROUP-6

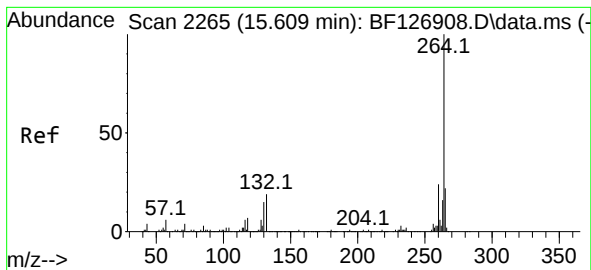
Tgt Ion:240 Resp: 144218
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 96.141 ng
RT: 13.021 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

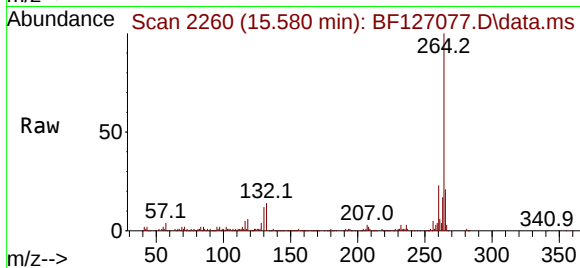
Tgt Ion:244 Resp: 943194
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127077.D
Acq: 25 Feb 2022 18:12

Instrument :
BNA_F
ClientSampleId :
GROUP-6



Tgt Ion:264 Resp: 143229

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.4	26.2

