

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127905.D
 Acq On : 26 Apr 2022 10:21
 Operator : CG\JU
 Sample : PB144215BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144215BL

Quant Time: Apr 27 01:46:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

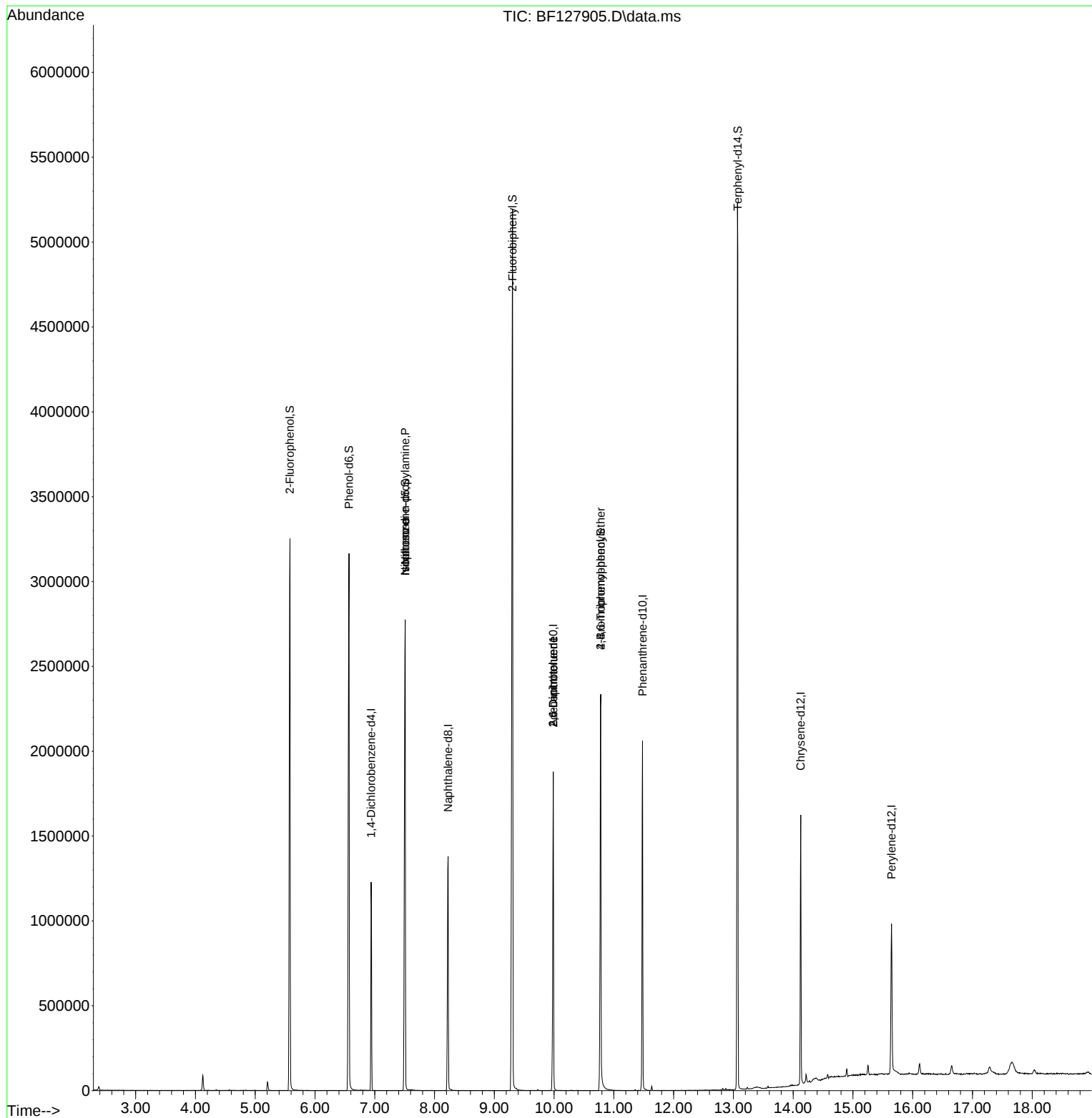
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	178425	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	734719	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	430840	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	784032	20.000	ng	0.00
76) Chrysene-d12	14.127	240	543355	20.000	ng	0.00
86) Perylene-d12	15.645	264	426608	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	878608	78.433	ng	0.02
7) Phenol-d6	6.569	99	1143222	78.651	ng	0.00
23) Nitrobenzene-d5	7.510	82	1192344	76.313	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	325329	75.010	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1950596	76.592	ng	0.00
79) Terphenyl-d14	13.074	244	2090853	70.364	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	161629	18.165	ng	# 80
25) Isophorone	7.510	82	1185114	45.067	ng	# 68
51) 2,6-Dinitrotoluene	9.986	165	55652	8.896	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	55652	6.716	ng	# 26
67) 4-Bromophenyl-phenylether	10.780	248	19735	2.271	ng	# 1

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

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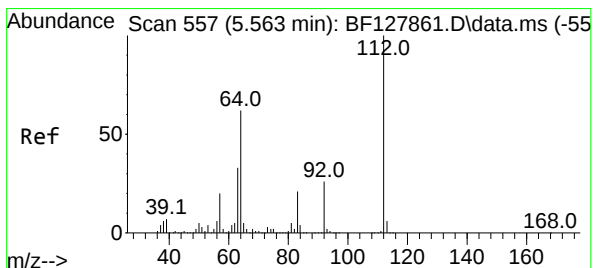
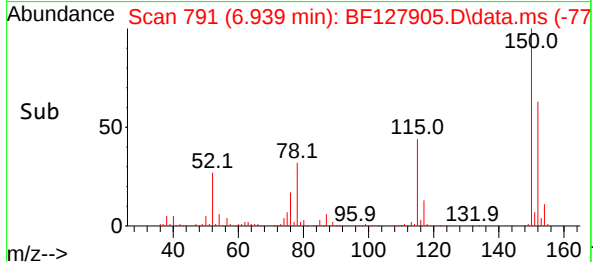
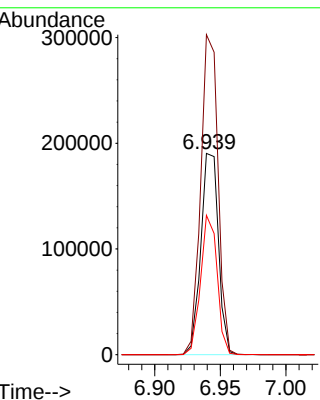
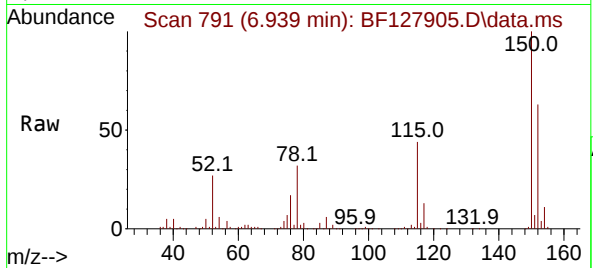




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

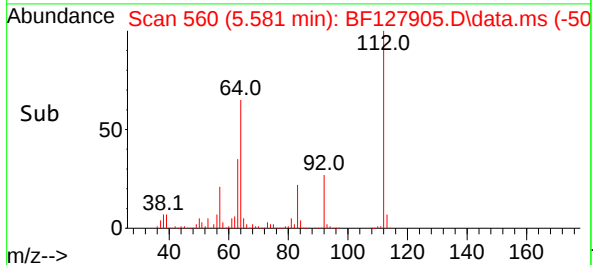
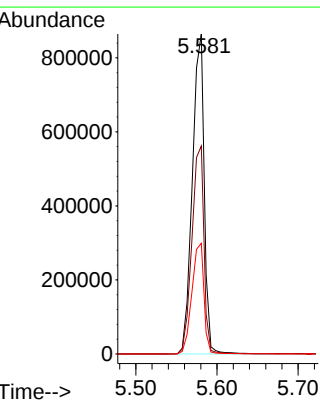
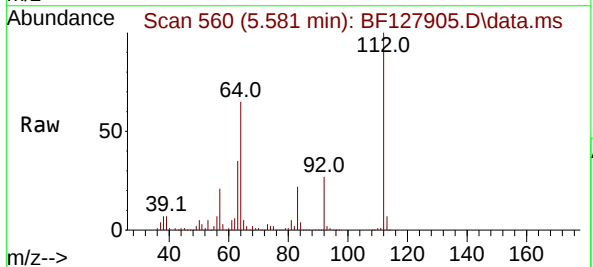
Instrument :
BNA_F
ClientSampleId :
PB144215BL

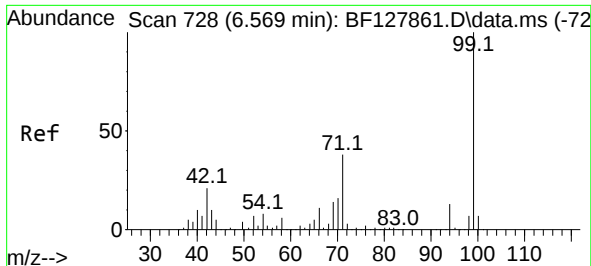
Tgt Ion:152 Resp: 178425
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 69.3 48.8 73.2



#5
2-Fluorophenol
Concen: 78.433 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.017 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Tgt Ion:112 Resp: 878608
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.6 26.3 39.5

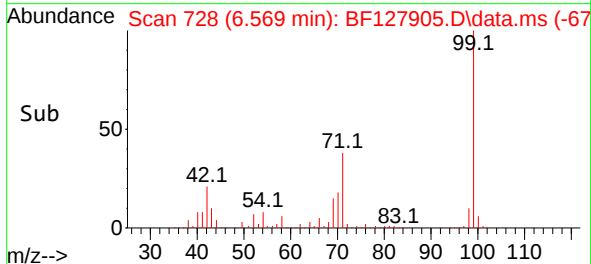
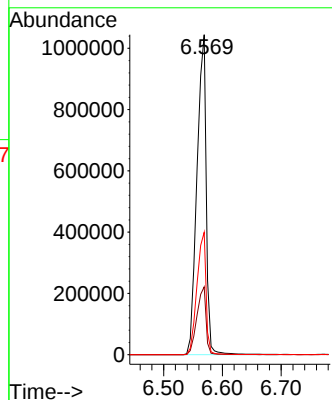
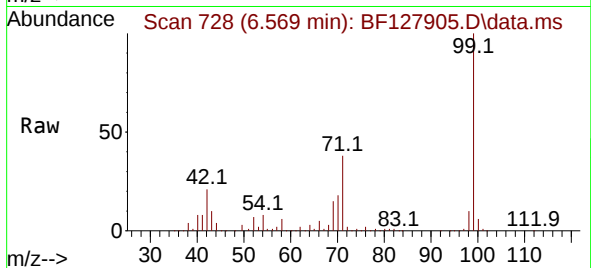




#7
Phenol-d6
Concen: 78.651 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

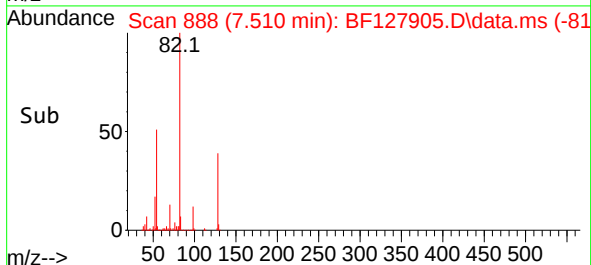
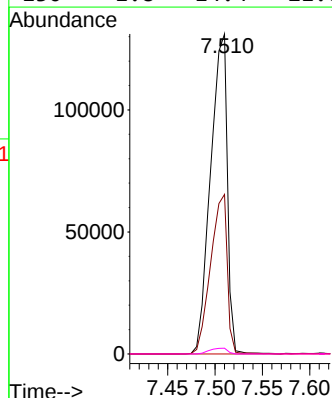
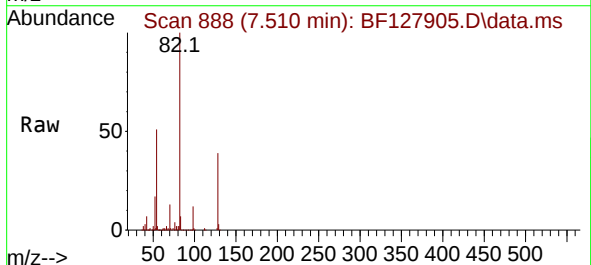
Instrument :
BNA_F
ClientSampleId :
PB144215BL

Tgt Ion: 99 Resp: 1143222
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.165 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Tgt Ion: 70 Resp: 161629
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





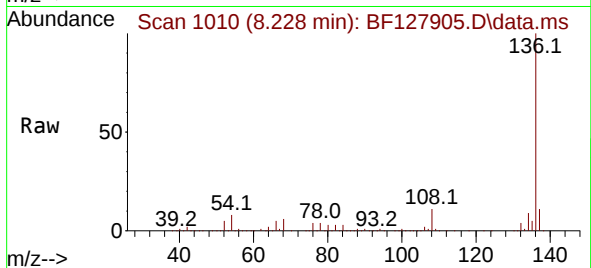
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Instrument :

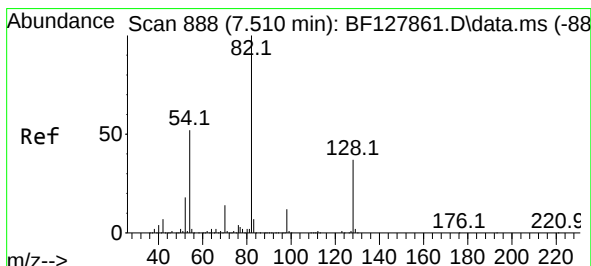
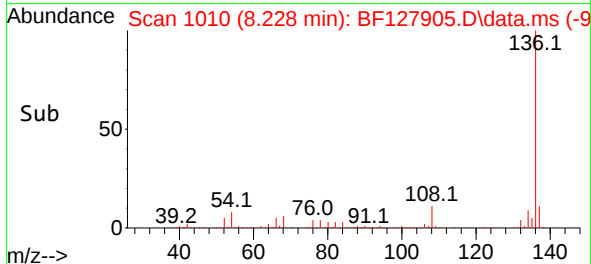
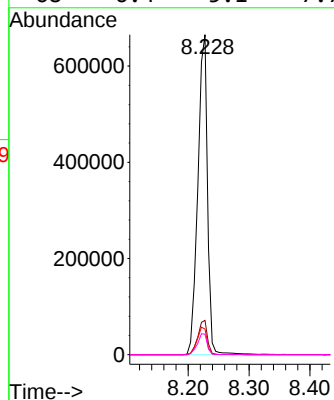
BNA_F

ClientSampleId :

PB144215BL

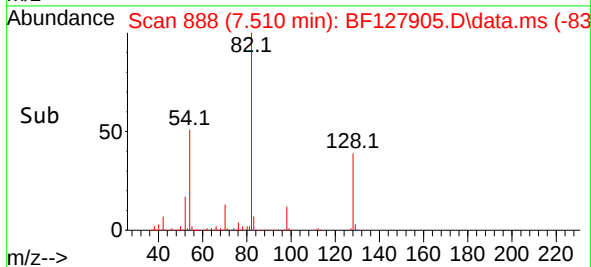
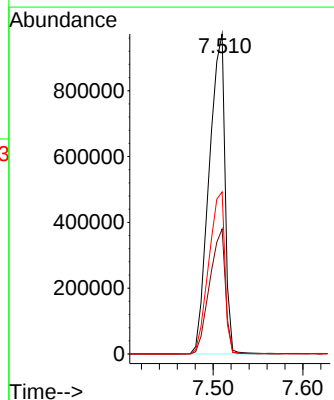
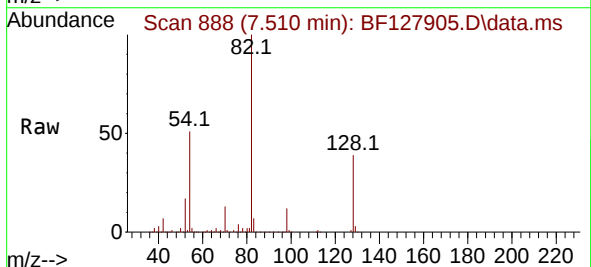


Tgt Ion:136 Resp: 734719
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 76.313 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Tgt Ion: 82 Resp: 1192344
Ion Ratio Lower Upper
82 100
128 39.1 30.0 45.0
54 50.7 41.3 61.9

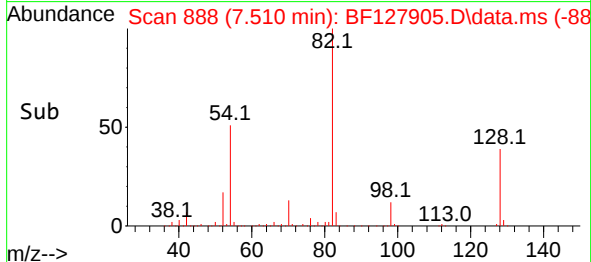
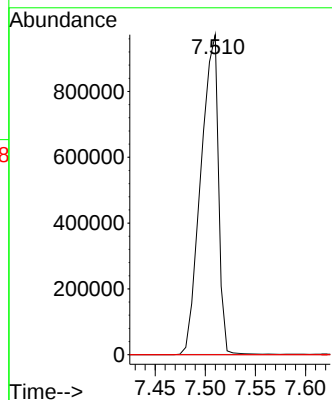
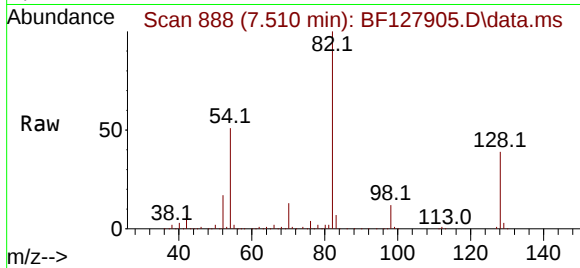




#25
Isophorone
Concen: 45.067 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

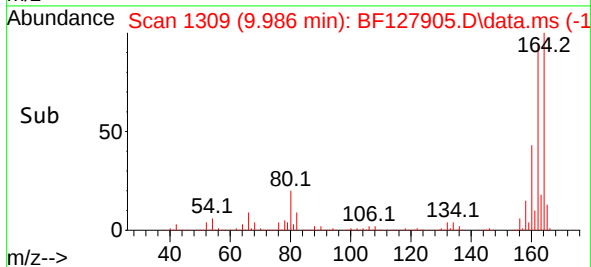
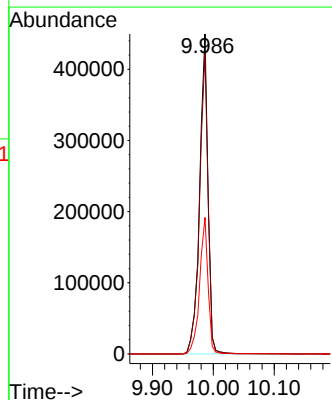
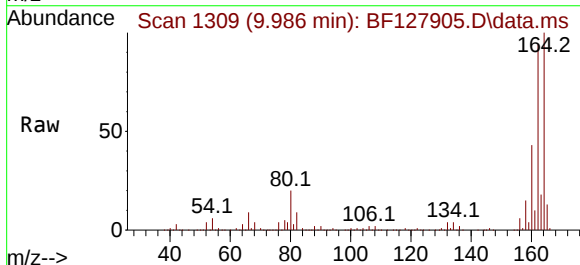
Instrument :
BNA_F
ClientSampleId :
PB144215BL

Tgt Ion: 82 Resp: 1185114
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Tgt Ion: 164 Resp: 430840
Ion Ratio Lower Upper
164 100
162 94.0 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 75.010 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB144215BL

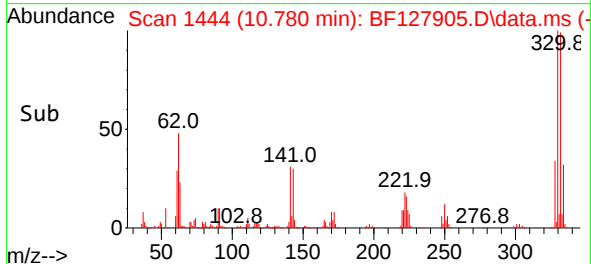
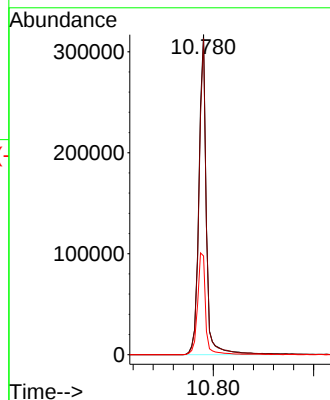
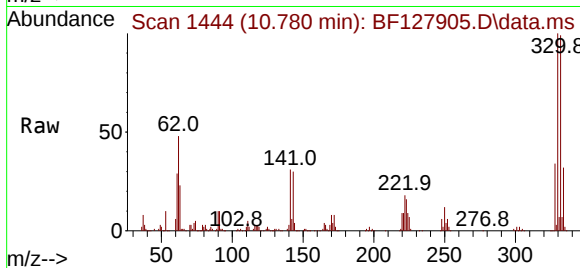
Tgt Ion:330 Resp: 325329

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 76.592 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

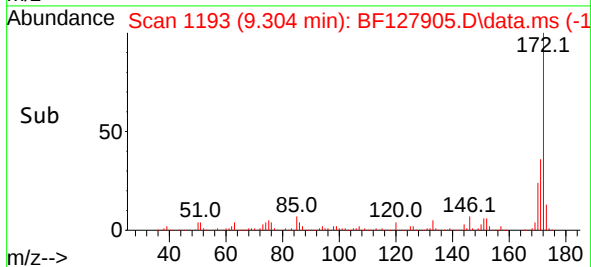
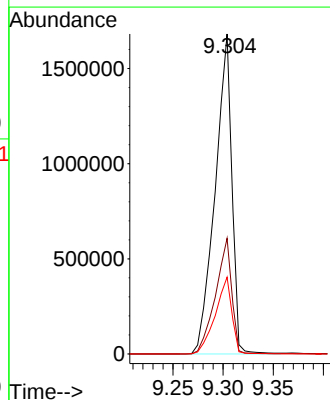
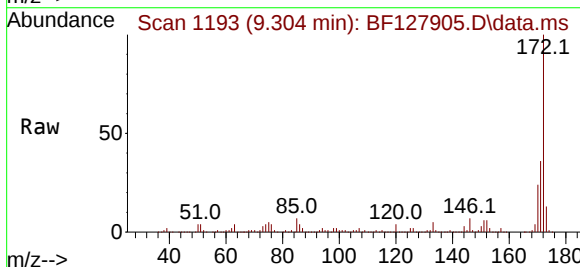
Tgt Ion:172 Resp: 1950596

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 24.0 19.1 28.7

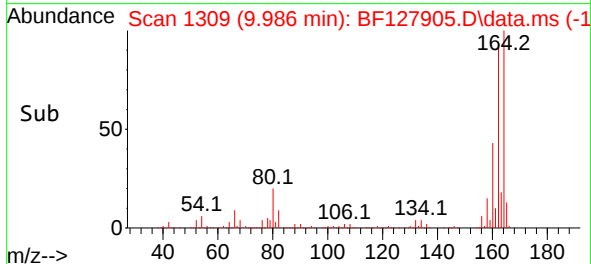
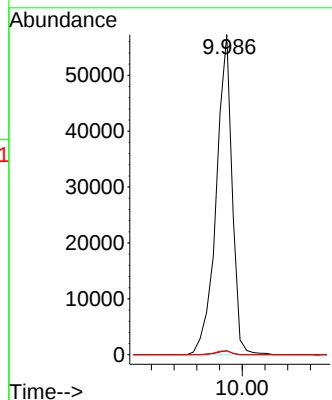
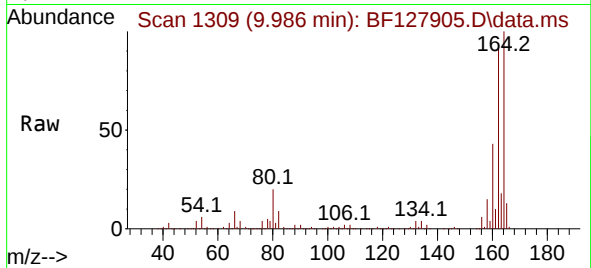




#51
2,6-Dinitrotoluene
Concen: 8.896 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

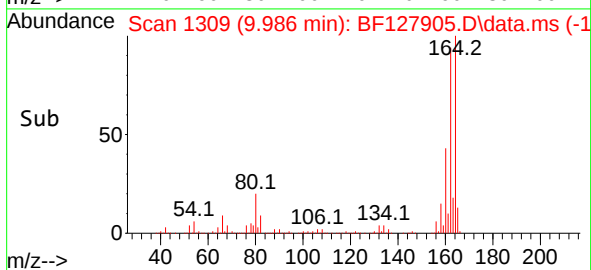
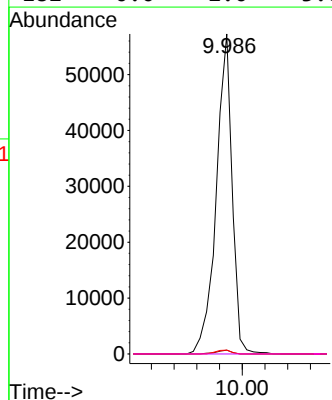
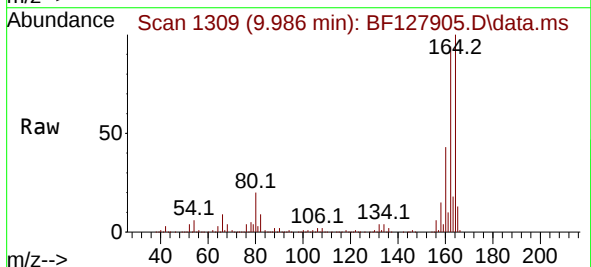
Instrument :
BNA_F
ClientSampleId :
PB144215BL

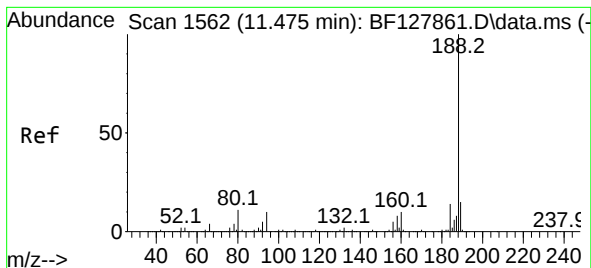
Tgt Ion:165 Resp: 55652
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF127905.D
Acq: 26 Apr 2022 10:21

Tgt Ion:165 Resp: 55652
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB144215BL

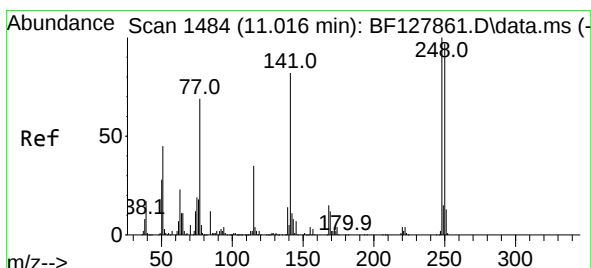
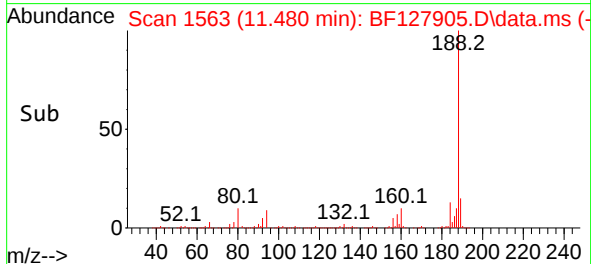
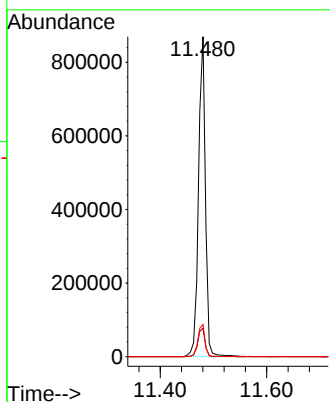
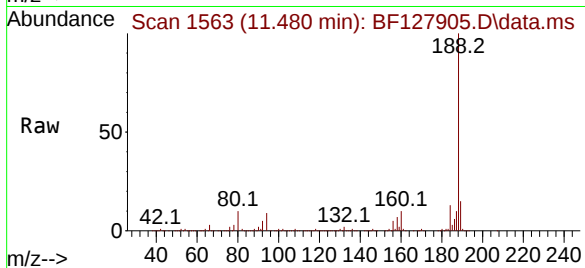
Tgt Ion:188 Resp: 784032

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 10.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.271 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.235 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

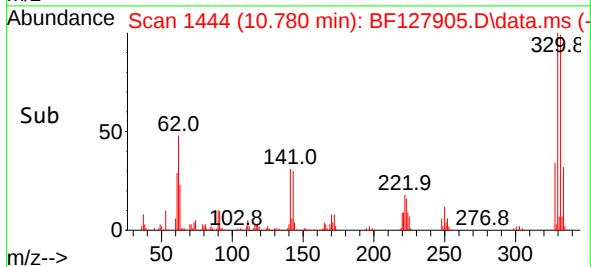
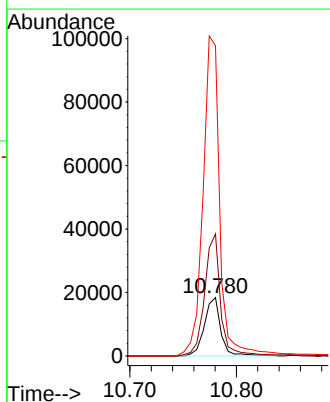
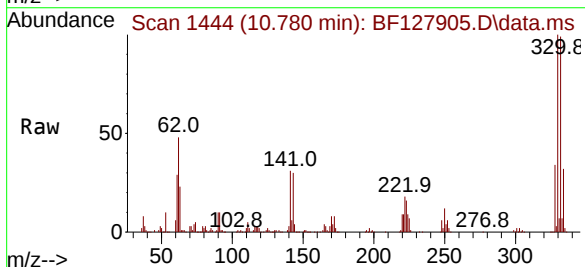
Tgt Ion:248 Resp: 19735

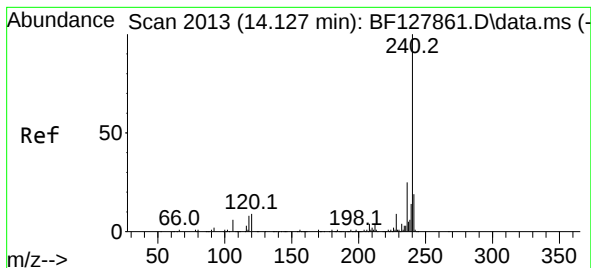
Ion Ratio Lower Upper

248 100

250 209.2 77.7 116.5#

141 531.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

Instrument :

BNA_F

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PB144215BL

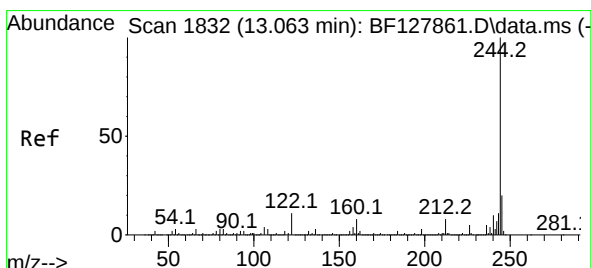
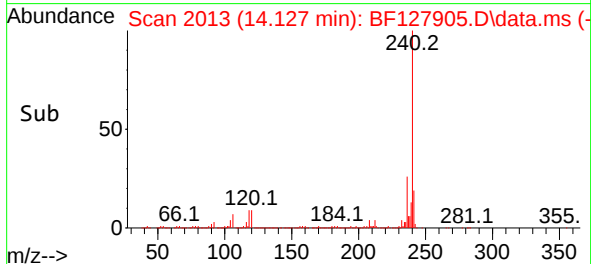
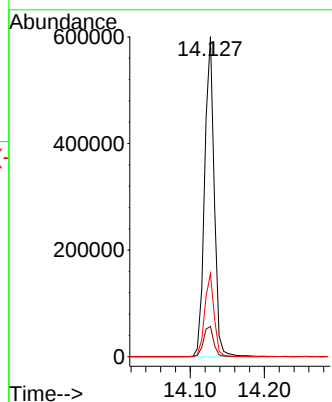
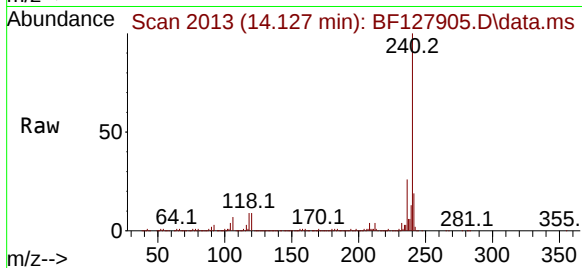
Tgt Ion:240 Resp: 543355

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 70.364 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.012 min

Lab File: BF127905.D

Acq: 26 Apr 2022 10:21

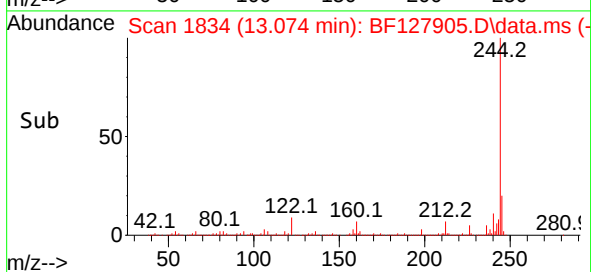
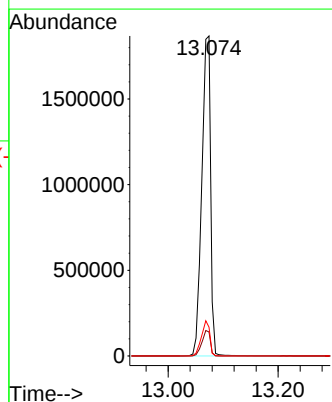
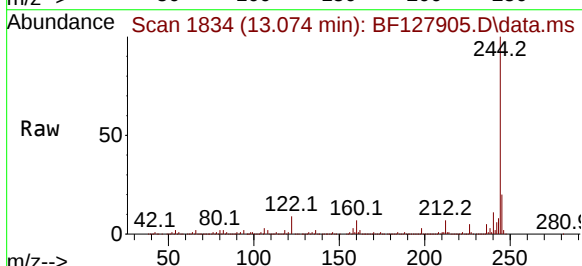
Tgt Ion:244 Resp: 2090853

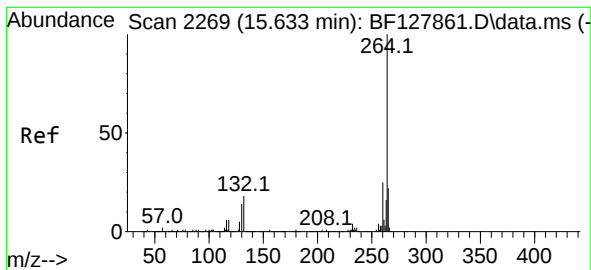
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127905.D

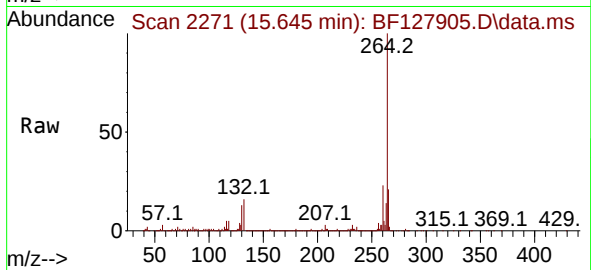
Acq: 26 Apr 2022 10:21

Instrument :

BNA_F

ClientSampleId :

PB144215BL



Tgt Ion:264 Resp: 426608

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.1 17.5 26.3

