

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127111.D
 Acq On : 28 Feb 2022 20:35
 Operator : CG\JU
 Sample : N1687-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11-16-21-DRUM

Quant Time: Mar 01 01:40:37 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)

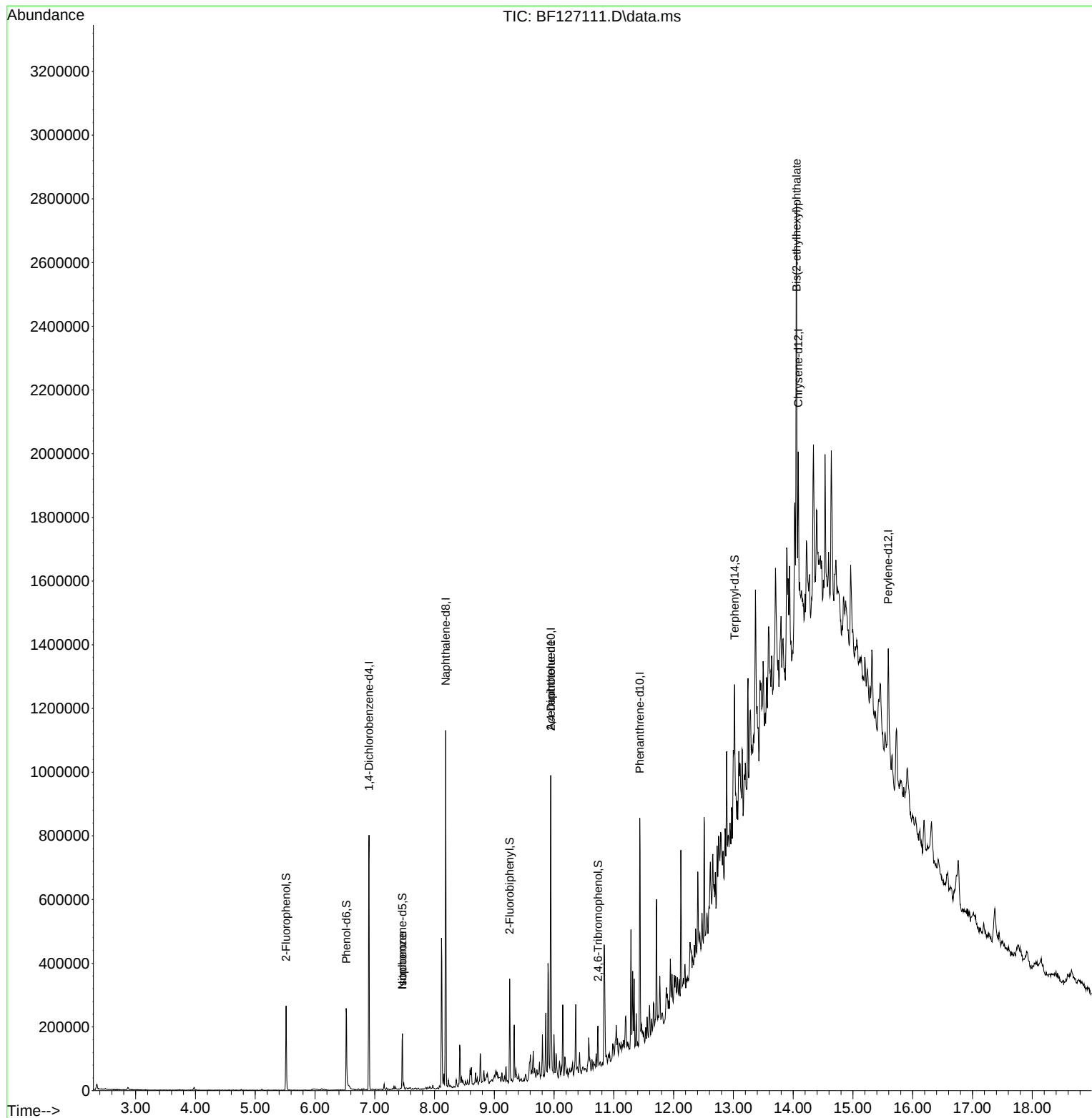
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	106971	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	404663	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	167616	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	230463	20.000	ng	#-0.01
76) Chrysene-d12	14.086	240	167425	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	122161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	61080	8.825	ng	-0.01
7) Phenol-d6	6.522	99	76291	8.169	ng	-0.02
23) Nitrobenzene-d5	7.463	82	51148	5.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	13847	7.175	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	83426	7.327	ng	-0.01
79) Terphenyl-d14	13.021	244	63002	5.532	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.463	82	51148	3.448	ng	# 69
57) 2,4-Dinitrotoluene	9.945	165	23145	7.023	ng	# 19
84) Bis(2-ethylhexyl)phtha...	14.057	149	341235	37.745	ng	# 99

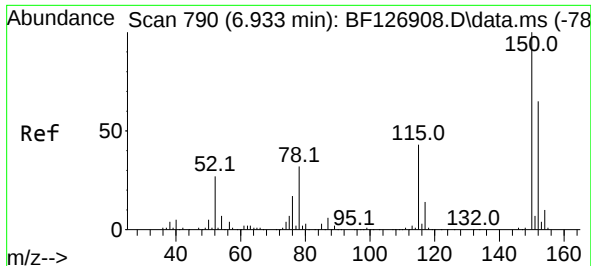
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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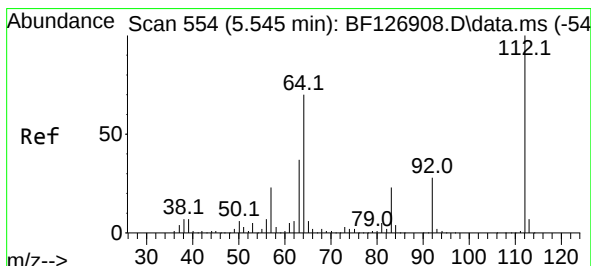
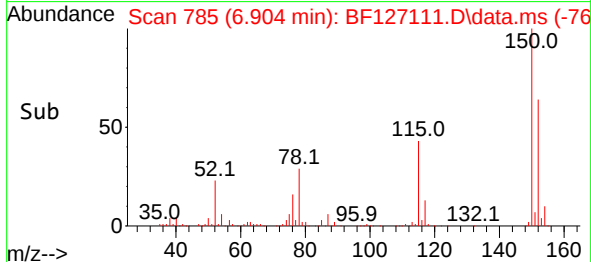
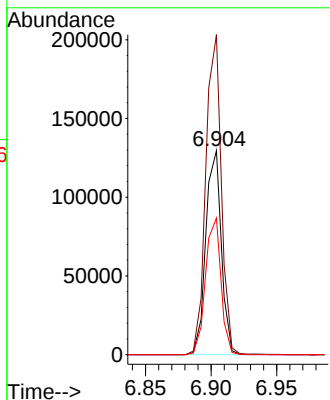
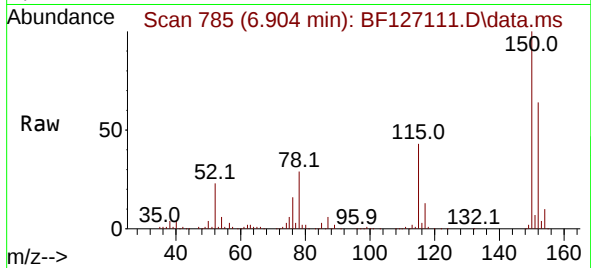




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

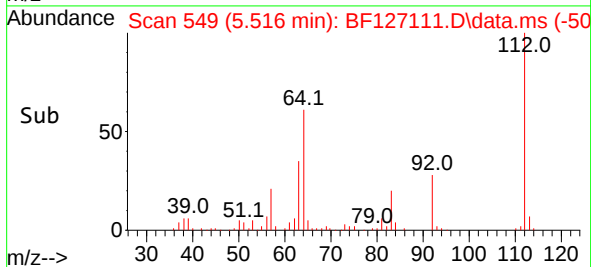
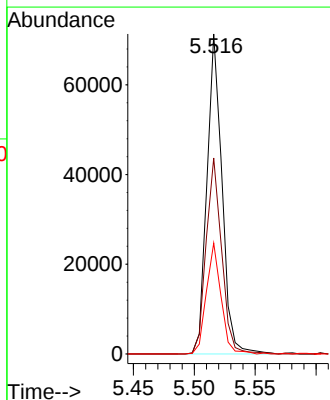
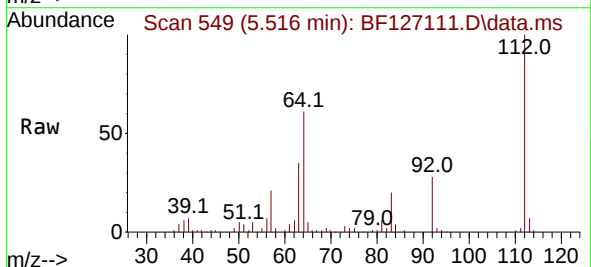
Instrument :
BNA_F
ClientSampleId :
11-16-21-DRUM

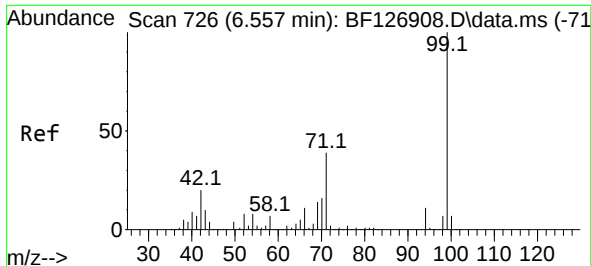
Tgt Ion:152 Resp: 106971
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 66.9 56.7 85.1



#5
2-Fluorophenol
Concen: 8.825 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

Tgt Ion:112 Resp: 61080
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 34.7 23.9 35.9

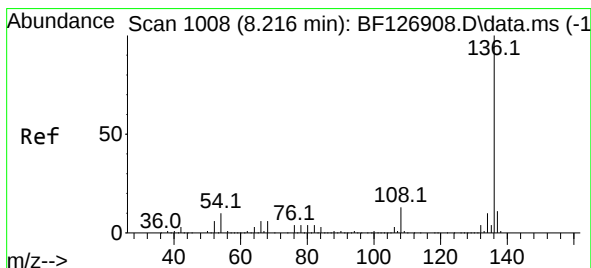
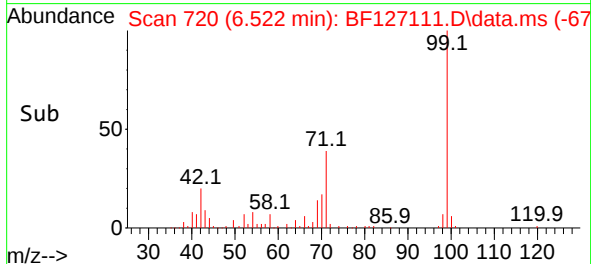
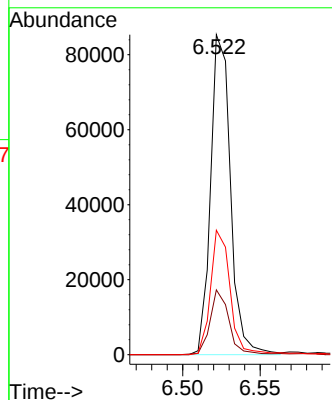
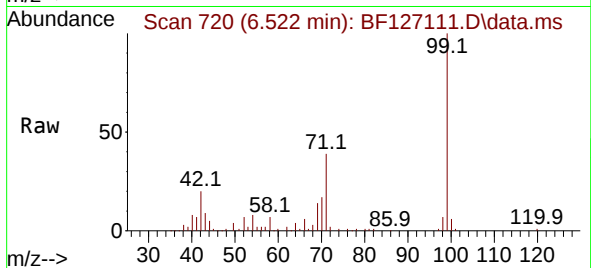




#7
Phenol-d6
Concen: 8.169 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

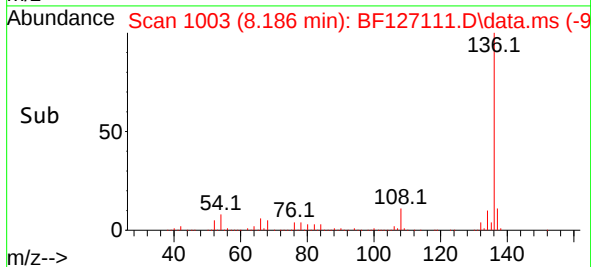
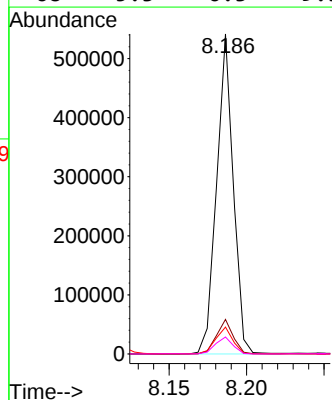
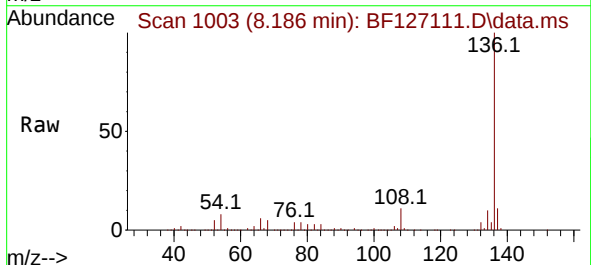
Instrument :
BNA_F
ClientSampleId :
11-16-21-DRUM

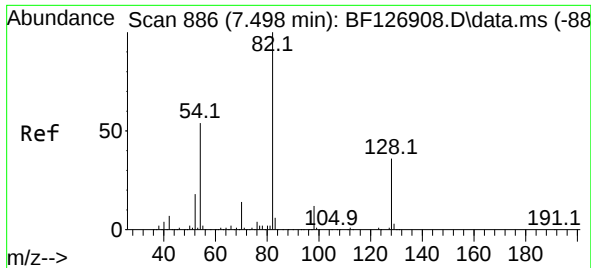
Tgt Ion: 99 Resp: 76291
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 38.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

Tgt Ion:136 Resp: 404663
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 5.705 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF127111.D

Acq: 28 Feb 2022 20:35

Instrument :

BNA_F

ClientSampleId :

11-16-21-DRUM

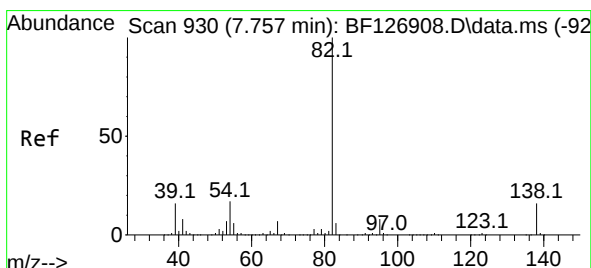
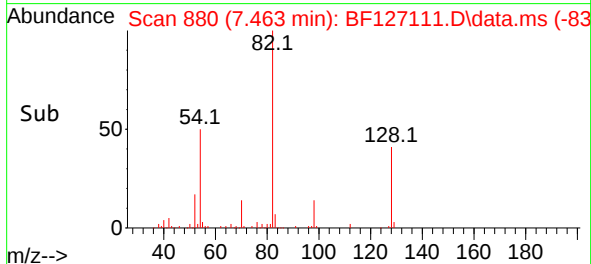
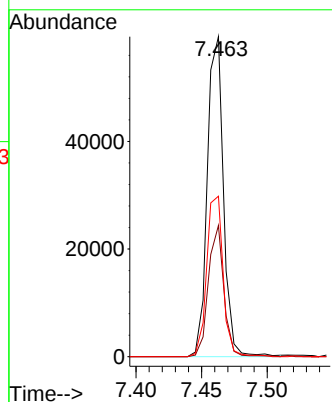
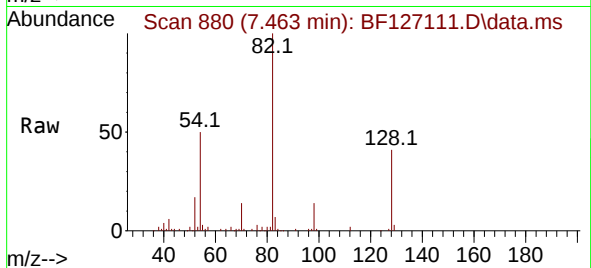
Tgt Ion: 82 Resp: 51148

Ion Ratio Lower Upper

82 100

128 41.0 32.7 49.1

54 50.1 41.7 62.5



#25

Isophorone

Concen: 3.448 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.271 min

Lab File: BF127111.D

Acq: 28 Feb 2022 20:35

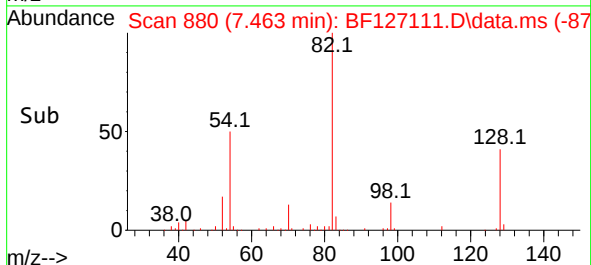
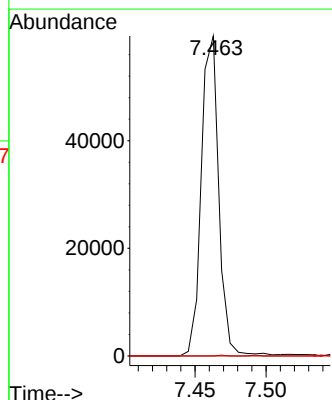
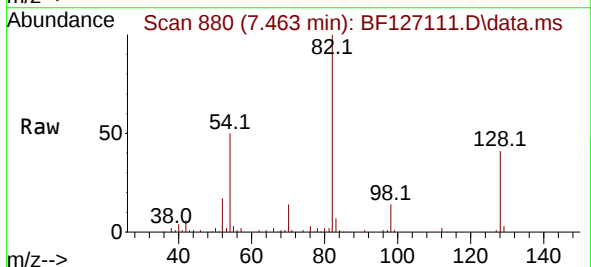
Tgt Ion: 82 Resp: 51148

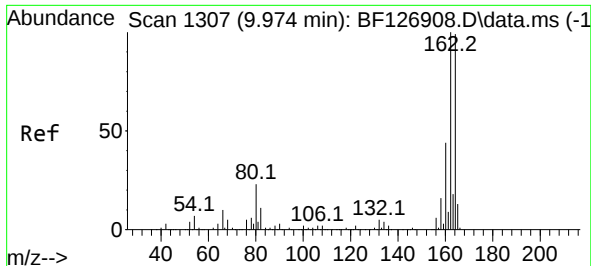
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

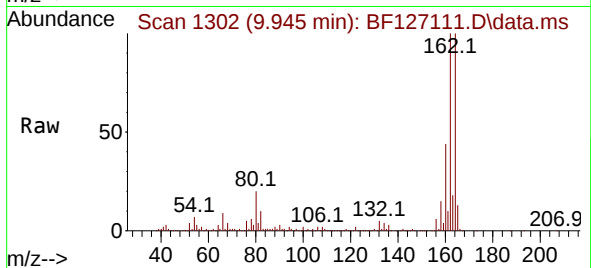
138 0.0 12.3 18.5#



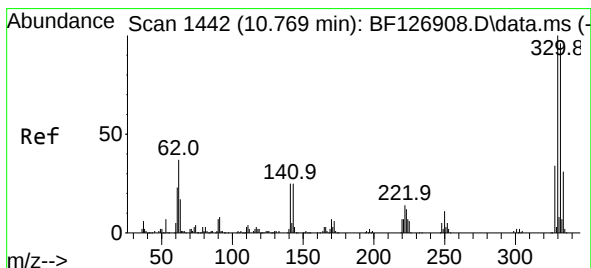
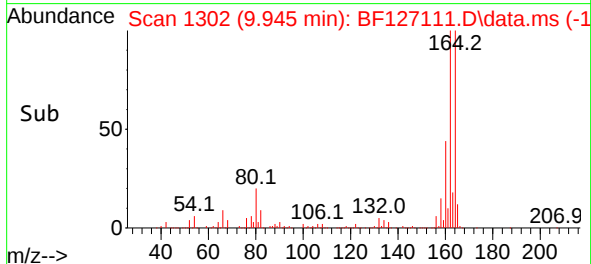
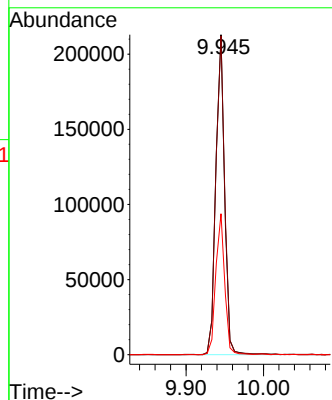


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

Instrument :
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11-16-21-DRUM

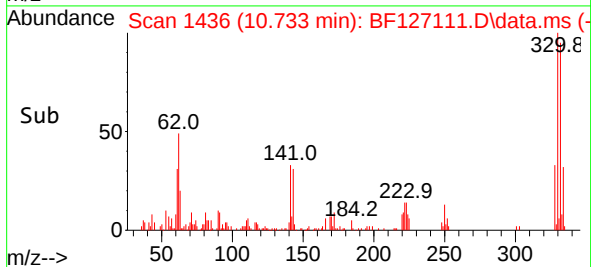
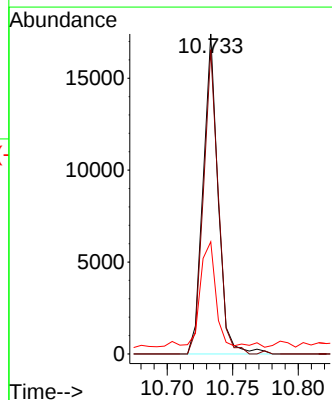
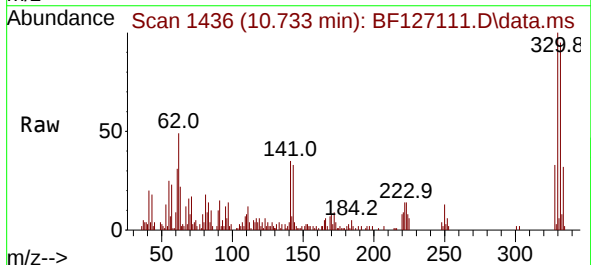


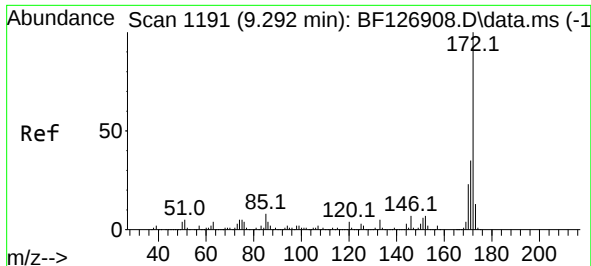
Tgt Ion:164 Resp: 167616
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 44.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 7.175 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

Tgt Ion:330 Resp: 13847
Ion Ratio Lower Upper
330 100
332 94.1 76.0 114.0
141 34.3 30.1 45.1

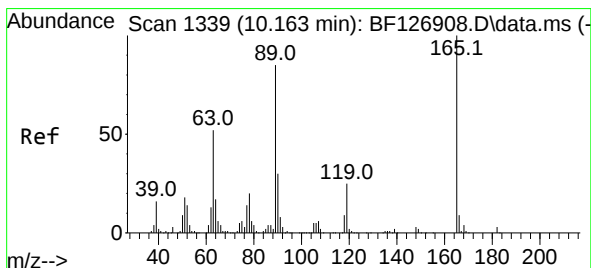
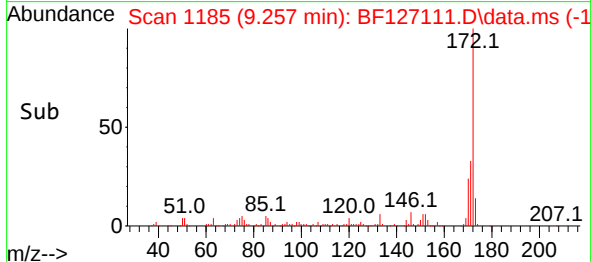
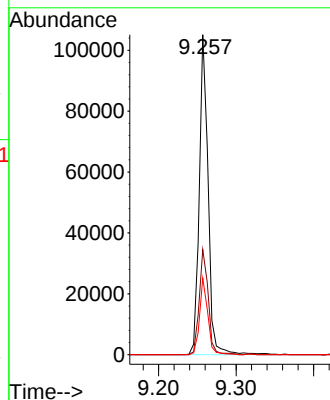
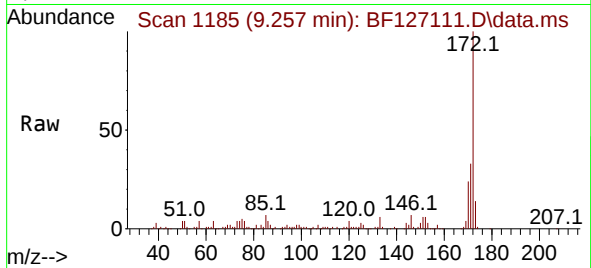




#45
2-Fluorobiphenyl
Concen: 7.327 ng
RT: 9.257 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

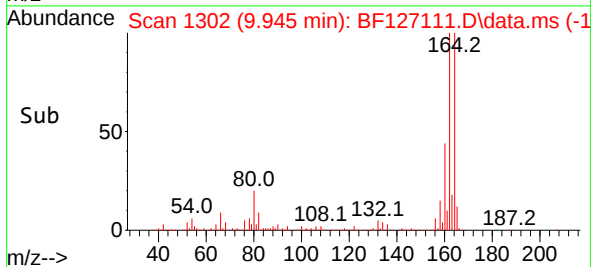
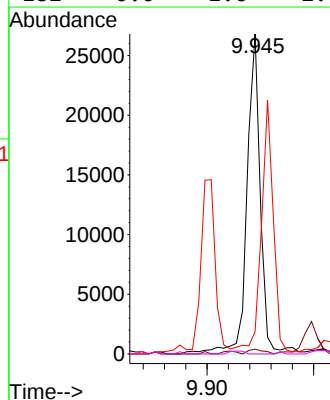
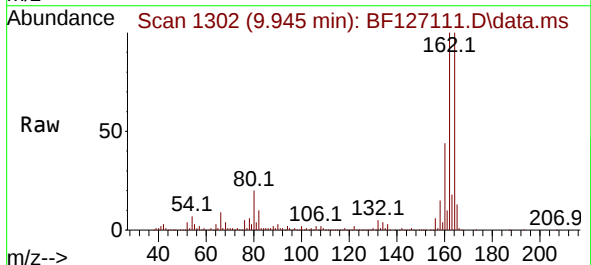
Instrument :
BNA_F
ClientSampleId :
11-16-21-DRUM

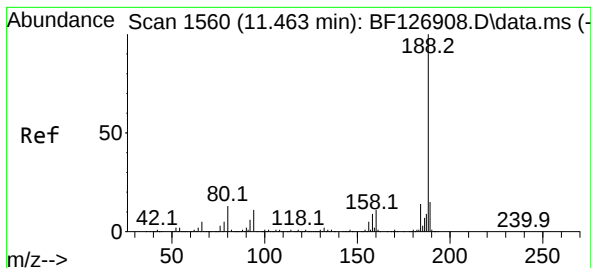
Tgt Ion:172 Resp: 83426
Ion Ratio Lower Upper
172 100
171 32.9 28.3 42.5
170 23.9 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 7.023 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127111.D
Acq: 28 Feb 2022 20:35

Tgt Ion:165 Resp: 23145
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 7.0 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: BF127111.D

Acq: 28 Feb 2022 20:35

Instrument :

BNA_F

ClientSampleId :

11-16-21-DRUM

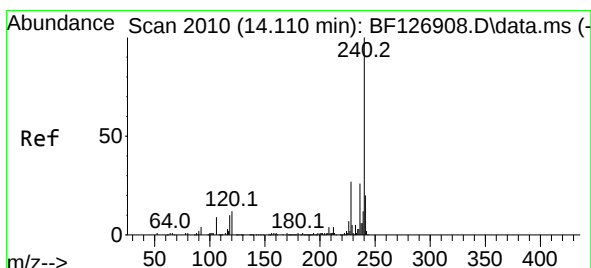
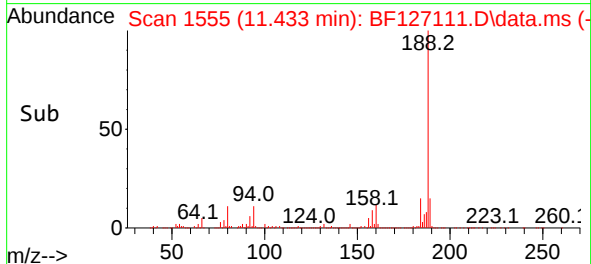
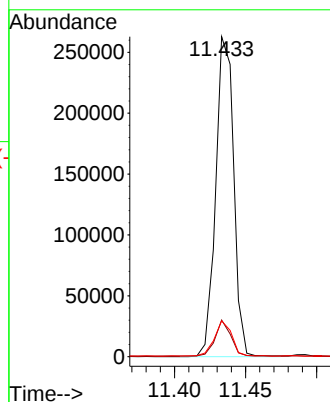
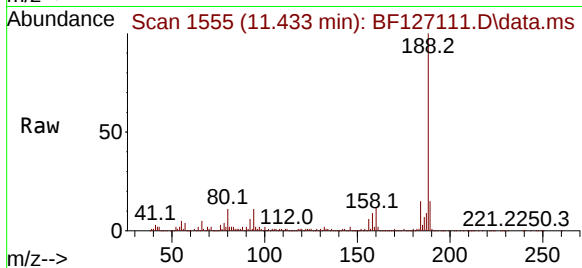
Tgt Ion:188 Resp: 230463

Ion Ratio Lower Upper

188 100

94 11.5 10.1 15.1

80 11.2 11.8 17.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF127111.D

Acq: 28 Feb 2022 20:35

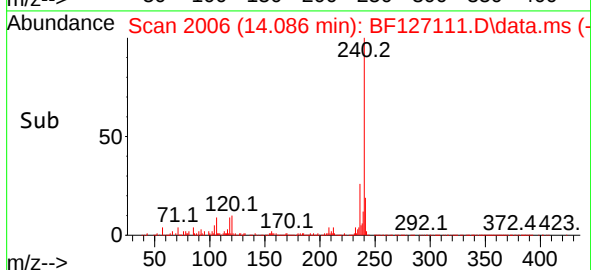
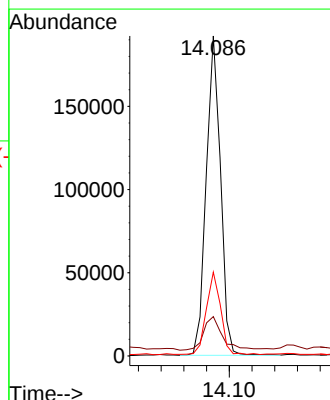
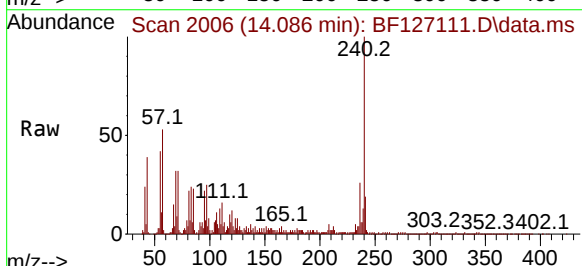
Tgt Ion:240 Resp: 167425

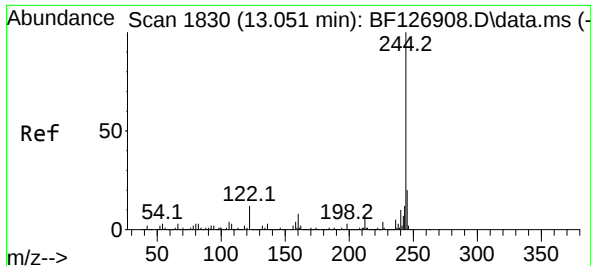
Ion Ratio Lower Upper

240 100

120 12.3 14.4 21.6#

236 26.2 20.5 30.7

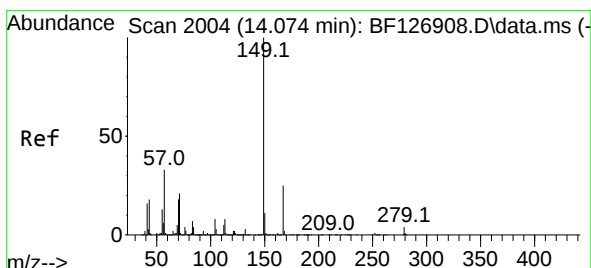
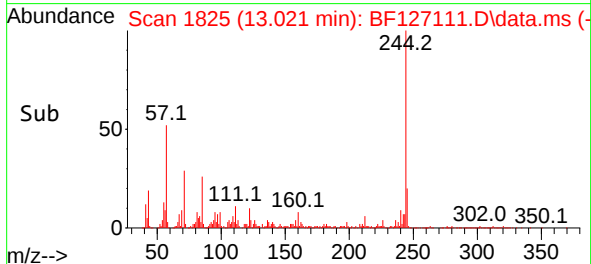
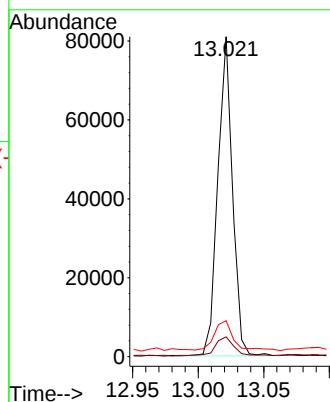
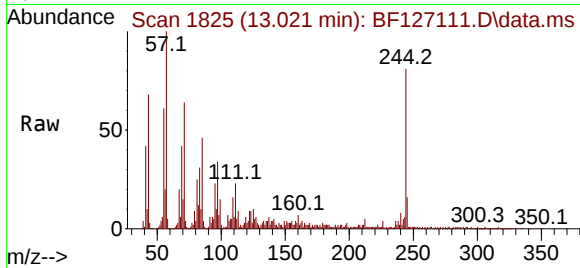




#79
 Terphenyl-d14
 Concen: 5.532 ng
 RT: 13.021 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127111.D
 Acq: 28 Feb 2022 20:35

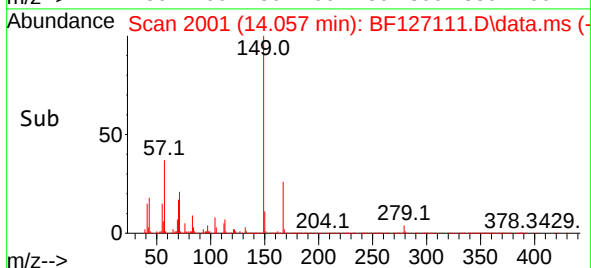
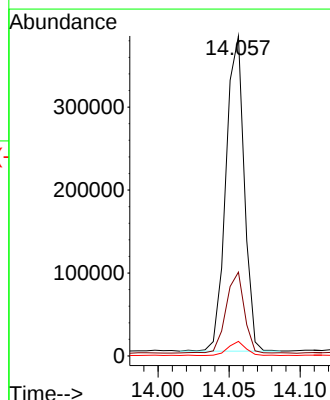
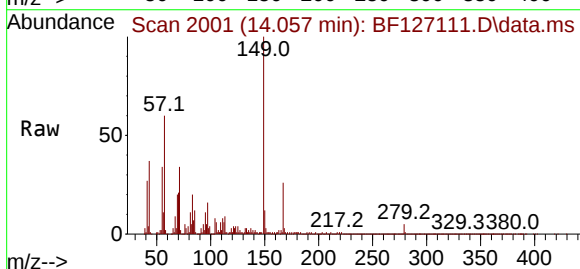
Instrument :
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 11-16-21-DRUM

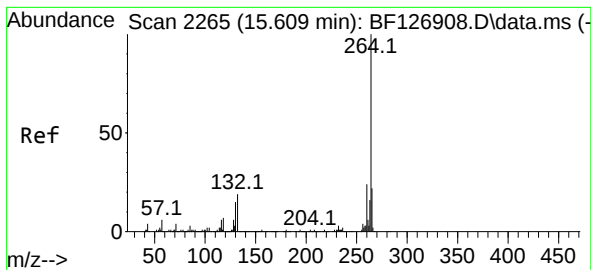
Tgt Ion:244 Resp: 63002
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.2 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.745 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. 0.006 min
 Lab File: BF127111.D
 Acq: 28 Feb 2022 20:35

Tgt Ion:149 Resp: 341235
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.4 32.2
 279 4.6 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127111.D

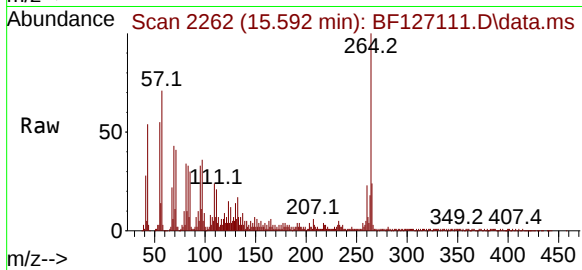
Acq: 28 Feb 2022 20:35

Instrument :

BNA_F

ClientSampleId :

11-16-21-DRUM



Tgt Ion:264 Resp: 122161

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 23.5 17.4 26.2

