

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127112.D
 Acq On : 28 Feb 2022 21:03
 Operator : CG\JU
 Sample : N1687-01 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12-16-2021-DRUM

Quant Time: Mar 01 01:40:43 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)

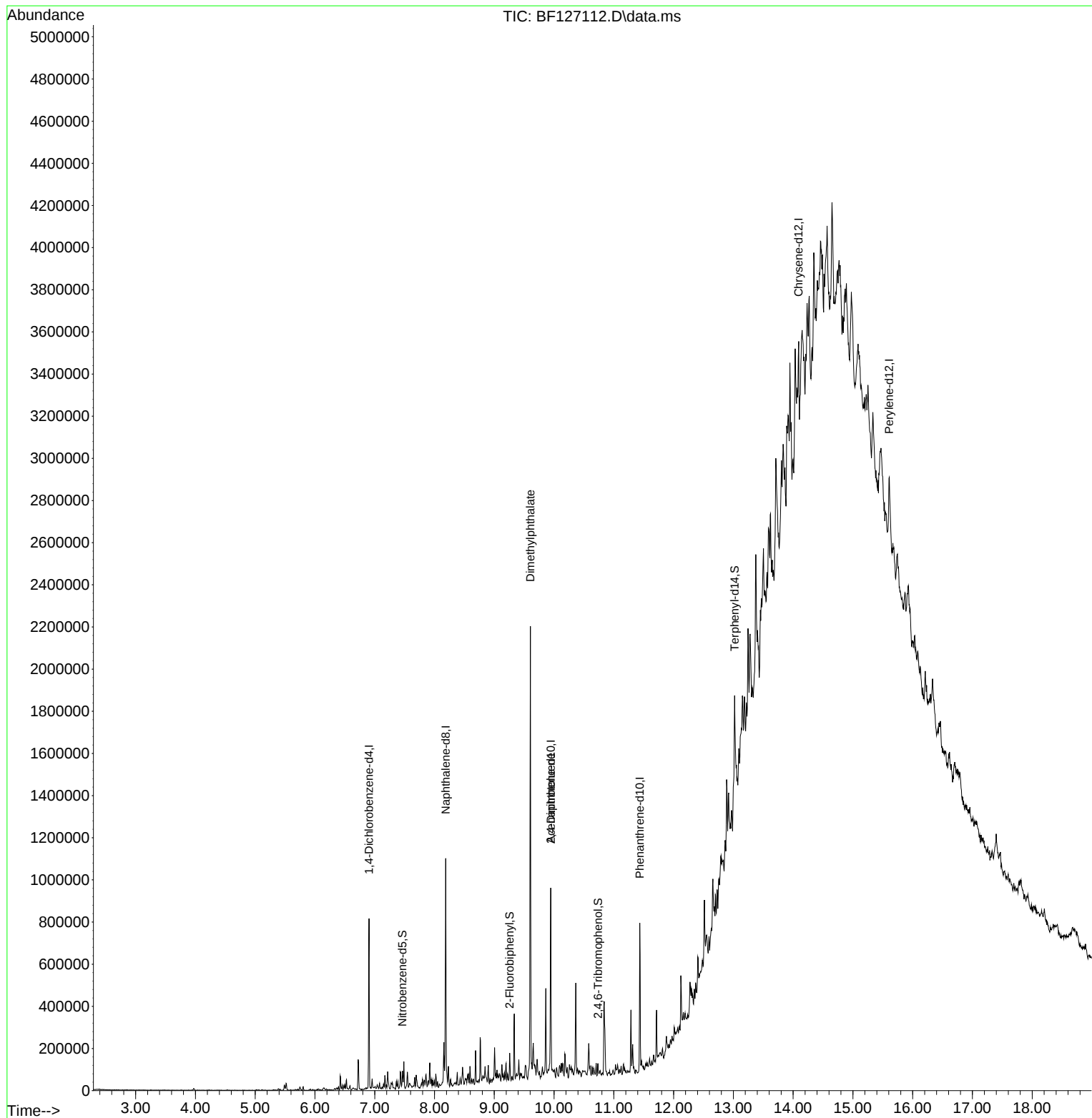
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	103961	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	380511	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	156031	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	231444	20.000	ng	#-0.01
76) Chrysene-d12	14.092	240	148700	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	103949	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	8686	1.291	ng	-0.01
7) Phenol-d6	6.528	99	16108	1.775	ng	-0.01
23) Nitrobenzene-d5	7.463	82	17074	2.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	5001	2.784	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	31802	3.001	ng	-0.01
79) Terphenyl-d14	13.022	244	27449	2.714	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.604	163	71522	6.413	ng	# 92
57) 2,4-Dinitrotoluene	9.945	165	22431	7.311	ng	# 15

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

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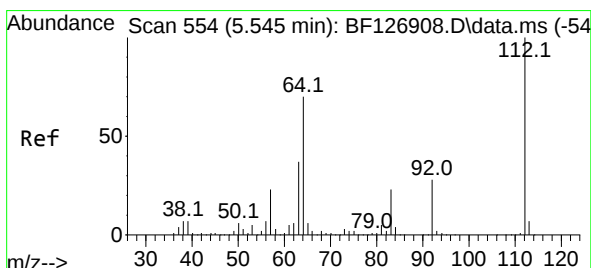
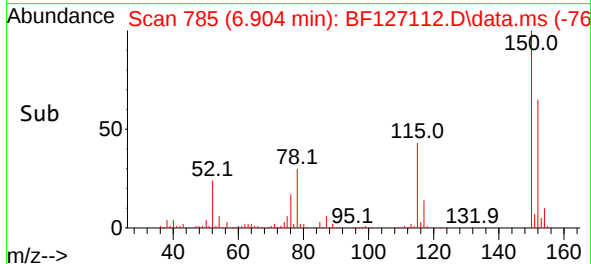
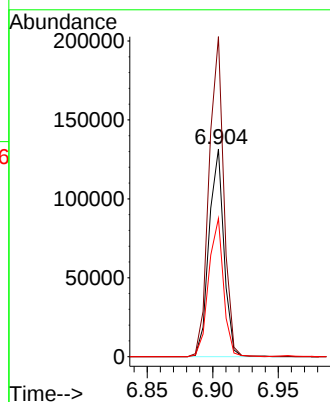
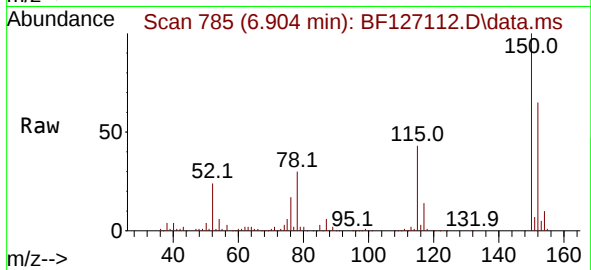




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

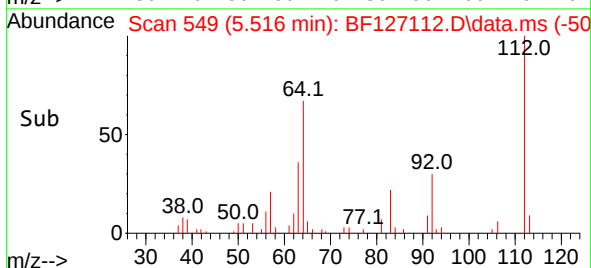
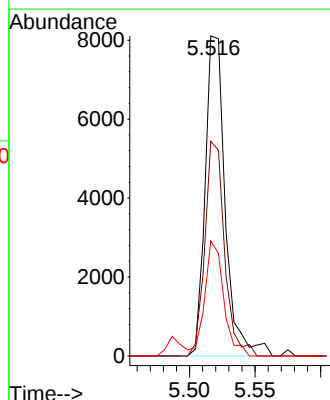
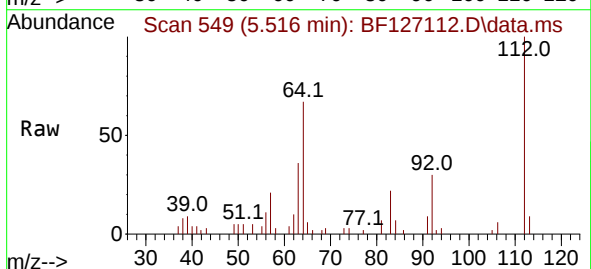
Instrument :
BNA_F
ClientSampleId :
COMP-12-16-2021-DRUM

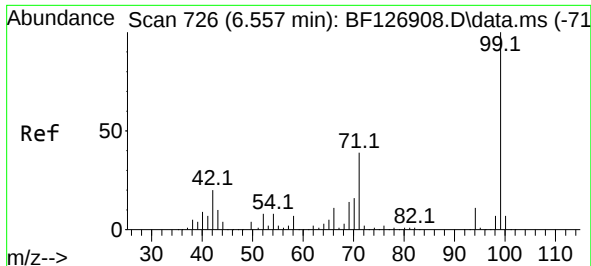
Tgt Ion:152 Resp: 103961
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 66.5 56.7 85.1



#5
2-Fluorophenol
Concen: 1.291 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

Tgt Ion:112 Resp: 8686
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 35.9 23.9 35.9#

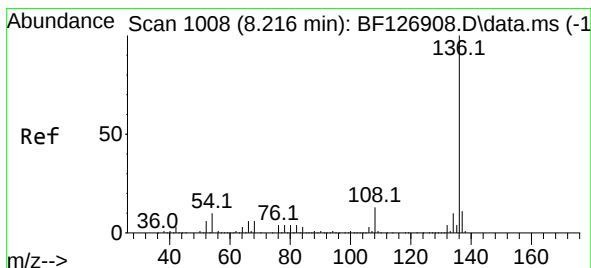
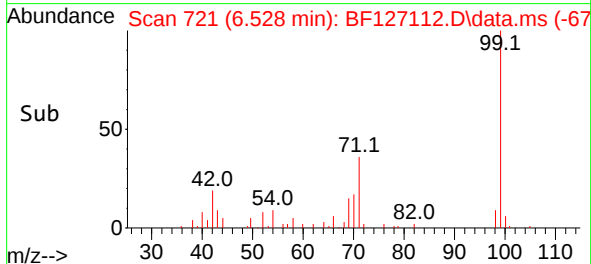
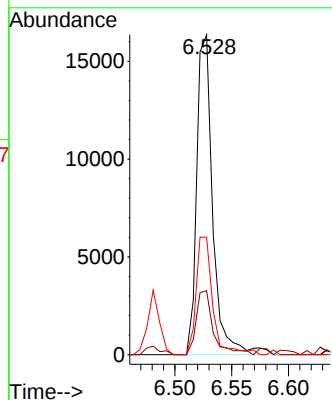
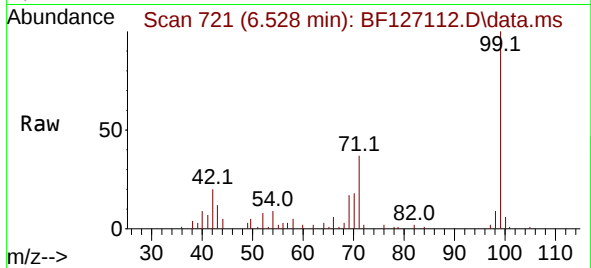




#7
Phenol-d6
Concen: 1.775 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

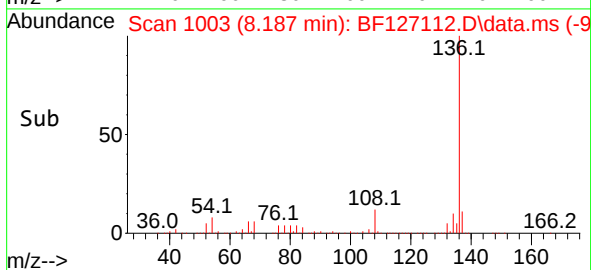
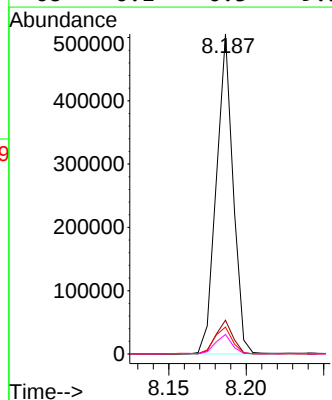
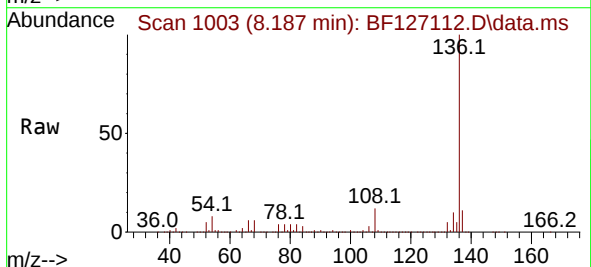
Instrument :
BNA_F
ClientSampleId :
COMP-12-16-2021-DRUM

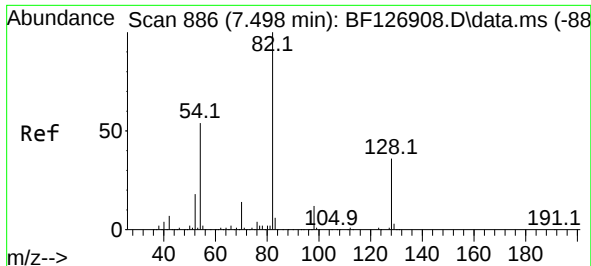
Tgt Ion: 99 Resp: 16108
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 36.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

Tgt Ion:136 Resp: 380511
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.8 11.6
68 6.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 2.025 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127112.D

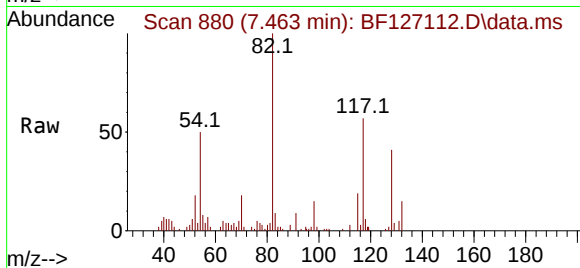
Acq: 28 Feb 2022 21:03

Instrument :

BNA_F

ClientSampleId :

COMP-12-16-2021-DRUM



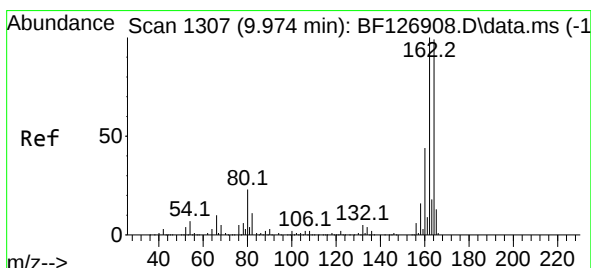
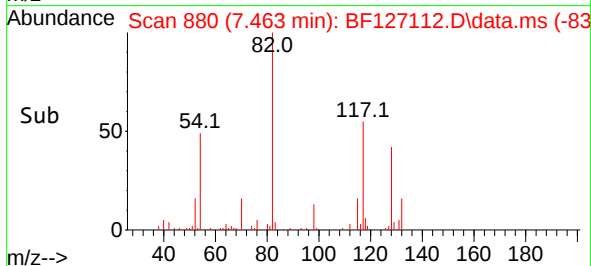
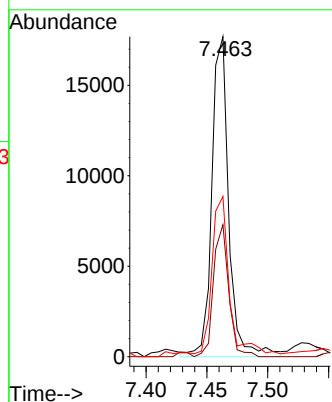
Tgt Ion: 82 Resp: 17074

Ion Ratio Lower Upper

82 100

128 41.2 32.7 49.1

54 50.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF127112.D

Acq: 28 Feb 2022 21:03

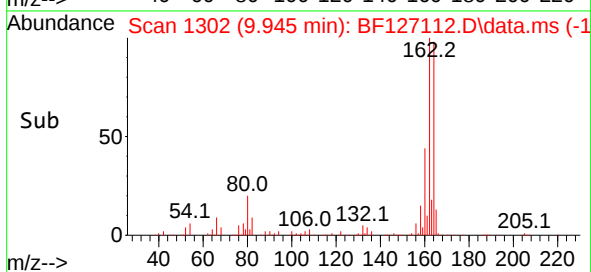
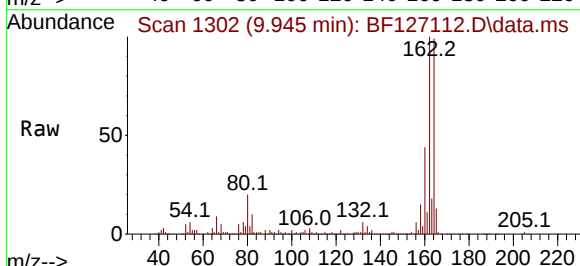
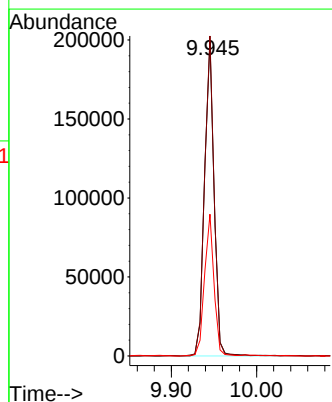
Tgt Ion: 164 Resp: 156031

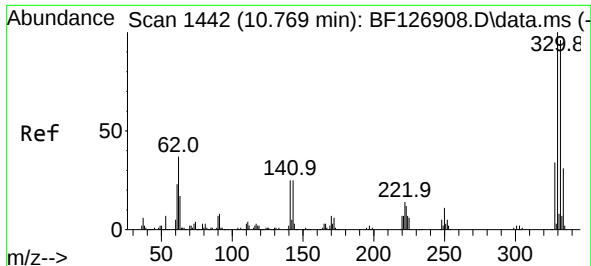
Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 44.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 2.784 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127112.D

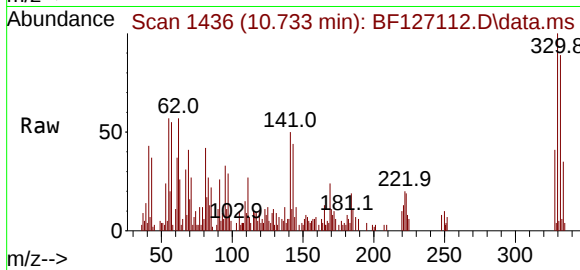
Acq: 28 Feb 2022 21:03

Instrument :

BNA_F

ClientSampleId :

COMP-12-16-2021-DRUM



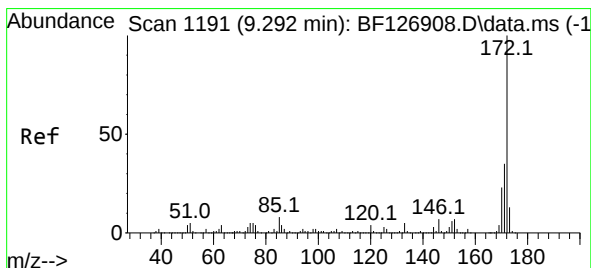
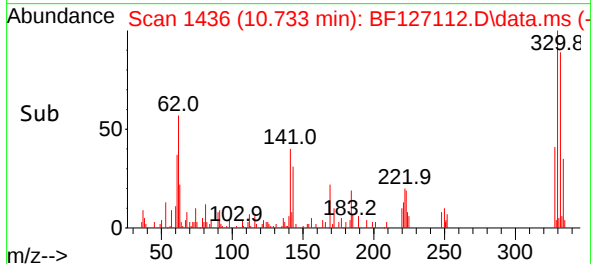
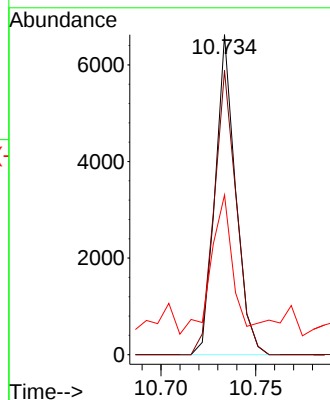
Tgt Ion:330 Resp: 5001

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 46.8 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 3.001 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127112.D

Acq: 28 Feb 2022 21:03

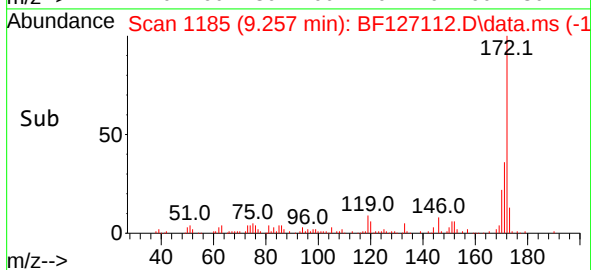
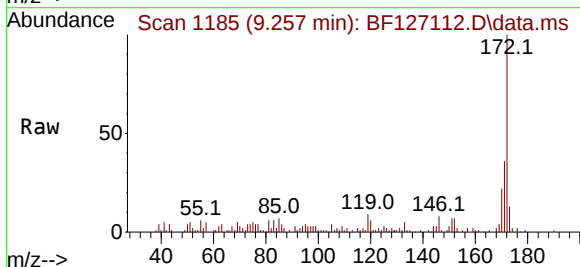
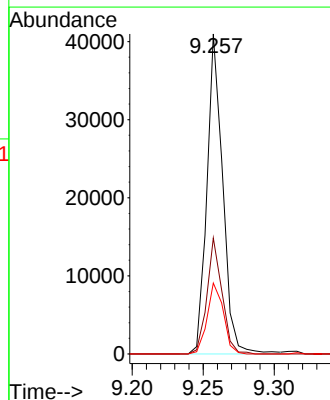
Tgt Ion:172 Resp: 31802

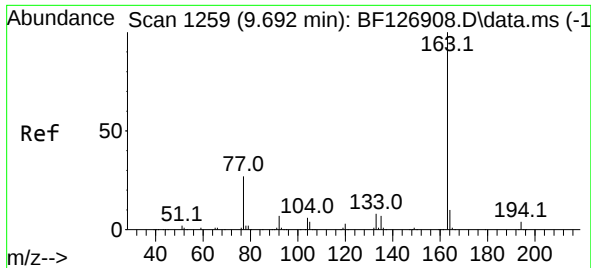
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 22.2 19.0 28.6

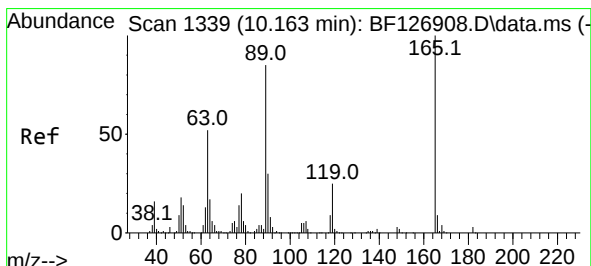
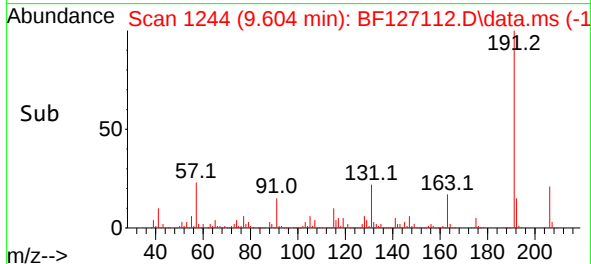
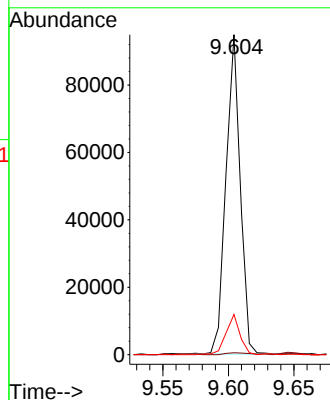
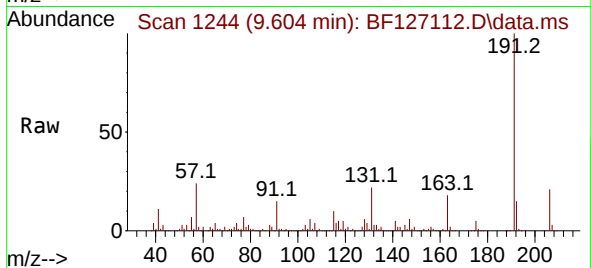




#50
Dimethylphthalate
Concen: 6.413 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.065 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

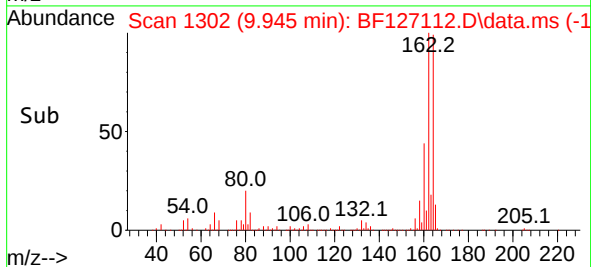
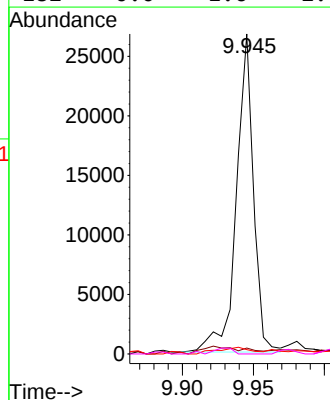
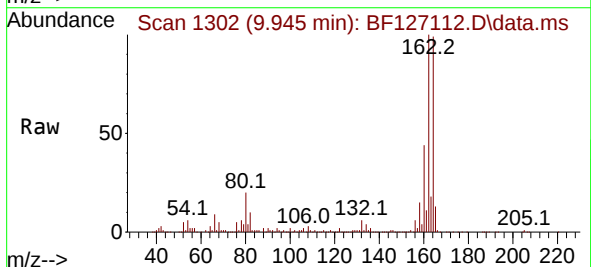
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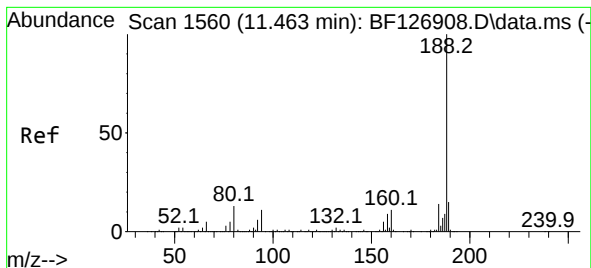
Tgt Ion:163 Resp: 71522
Ion Ratio Lower Upper
163 100
194 0.6 2.6 3.8#
164 12.5 7.8 11.8#



#57
2,4-Dinitrotoluene
Concen: 7.311 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127112.D
Acq: 28 Feb 2022 21:03

Tgt Ion:165 Resp: 22431
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.3 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: BF127112.D

Acq: 28 Feb 2022 21:03

Instrument :

BNA_F

ClientSampleId :

COMP-12-16-2021-DRUM

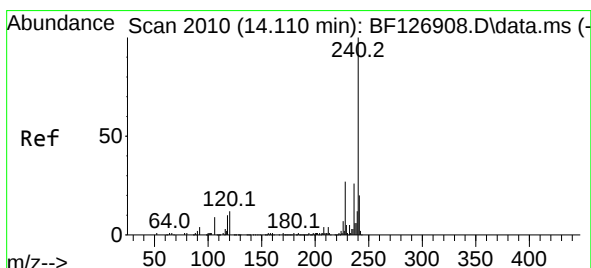
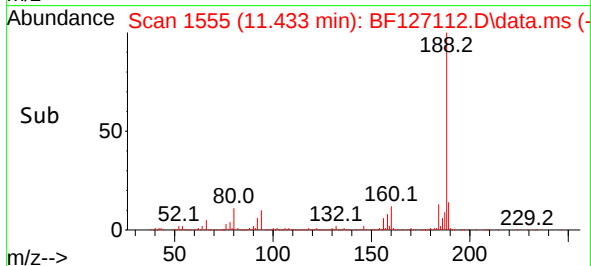
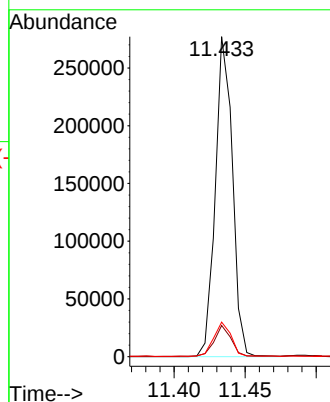
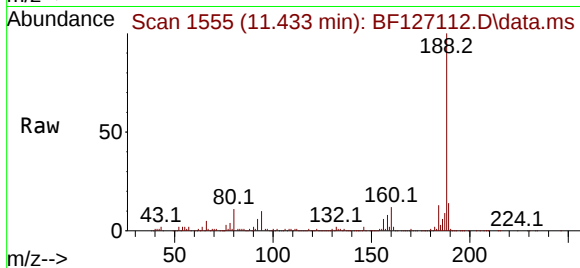
Tgt Ion:188 Resp: 231444

Ion Ratio Lower Upper

188 100

94 9.8 10.1 15.1#

80 10.8 11.8 17.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF127112.D

Acq: 28 Feb 2022 21:03

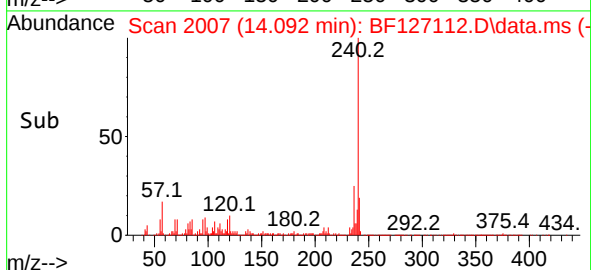
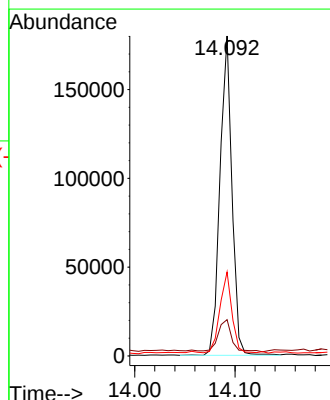
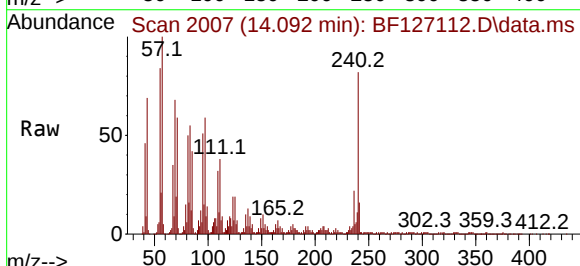
Tgt Ion:240 Resp: 148700

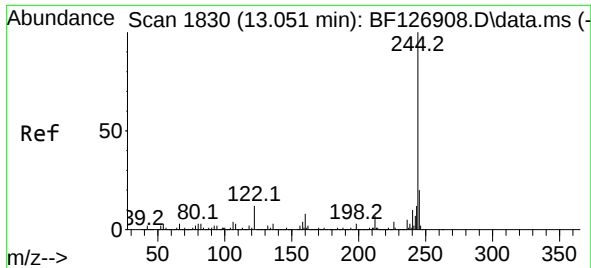
Ion Ratio Lower Upper

240 100

120 11.4 14.4 21.6#

236 26.3 20.5 30.7

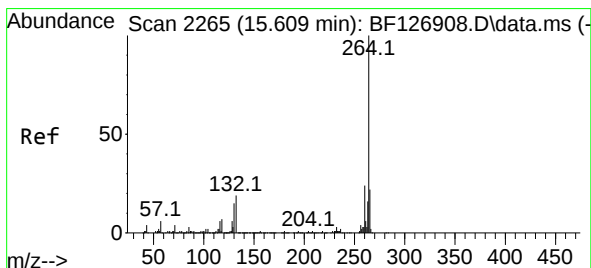
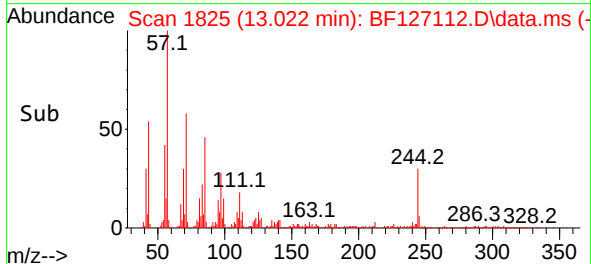
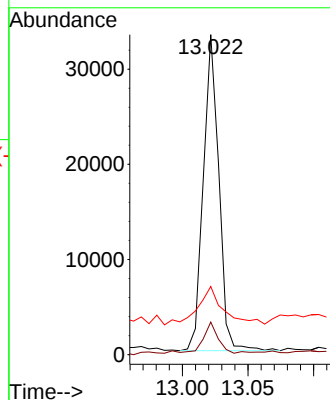
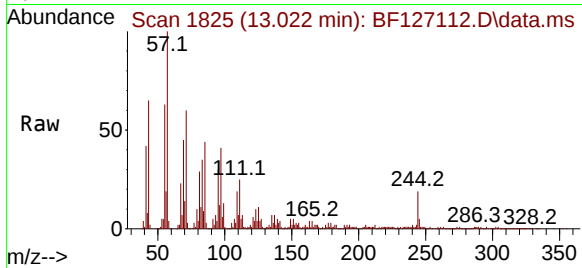




#79
 Terphenyl-d14
 Concen: 2.714 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127112.D
 Acq: 28 Feb 2022 21:03

Instrument :
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Tgt Ion:244 Resp: 27449
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.0 7.4#
 122 21.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF127112.D
 Acq: 28 Feb 2022 21:03

Tgt Ion:264 Resp: 103949
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 23.3 17.4 26.2

