

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127088.D
 Acq On : 25 Feb 2022 23:20
 Operator : CG\JU
 Sample : N1663-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022422

Quant Time: Feb 26 01:41:27 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)

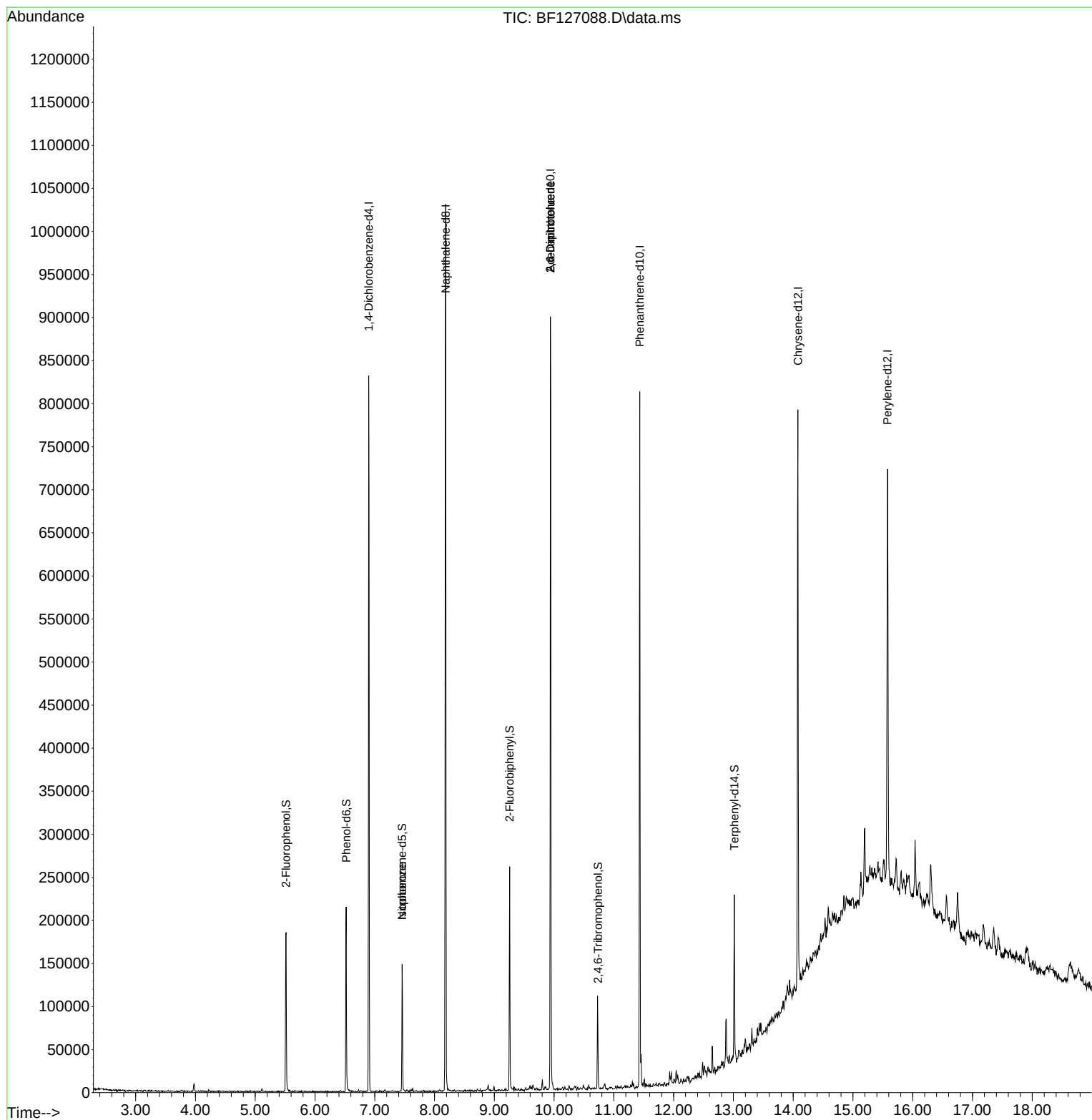
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111503	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	414786	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	179053	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	250132	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	212375	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	191329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	48926	6.782	ng	-0.01
7) Phenol-d6	6.522	99	63692	6.543	ng	-0.02
23) Nitrobenzene-d5	7.457	82	41675	4.535	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	10577	5.131	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	67298	5.533	ng	-0.01
79) Terphenyl-d14	13.016	244	53843	3.727	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.457	82	41675	2.741	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	21659	8.318	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	21659	6.152	ng	# 15

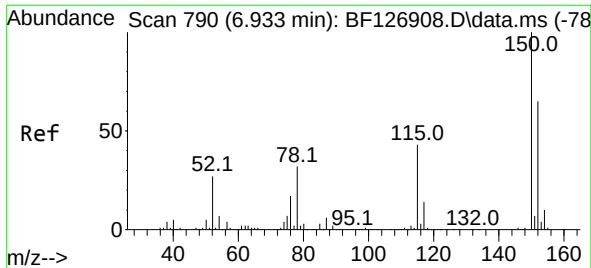
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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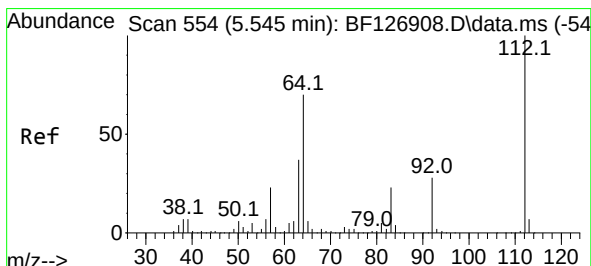
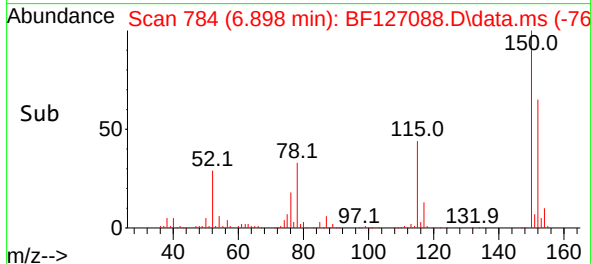
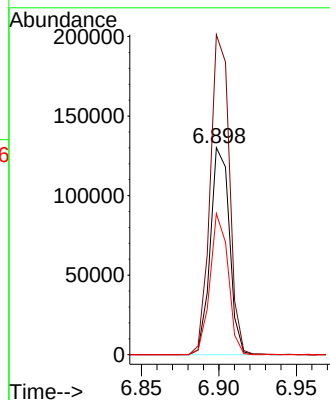
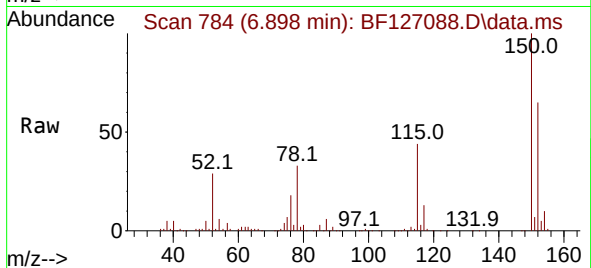




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF127088.D
 Acq: 25 Feb 2022 23:20

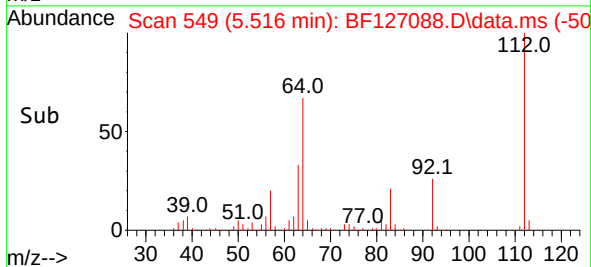
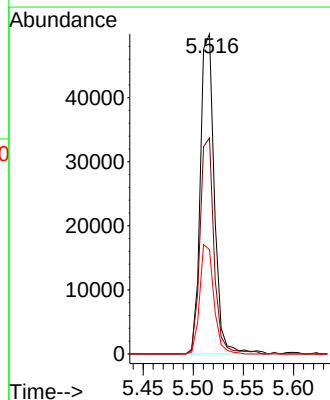
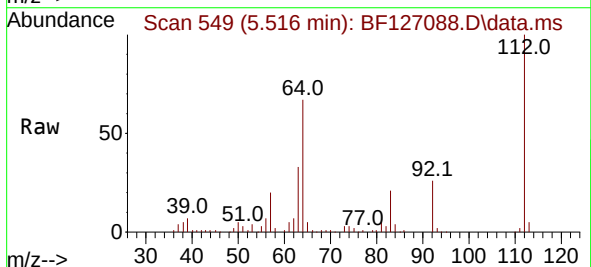
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022422

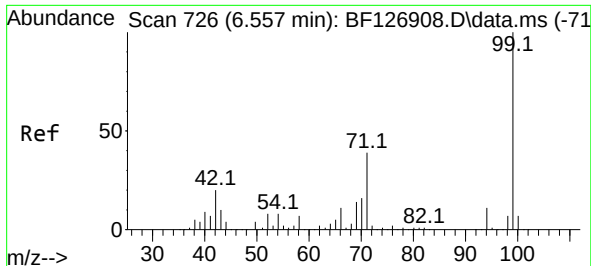
Tgt Ion:152 Resp: 111503
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.1 192.1
 115 68.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 6.782 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.012 min
 Lab File: BF127088.D
 Acq: 25 Feb 2022 23:20

Tgt Ion:112 Resp: 48926
 Ion Ratio Lower Upper
 112 100
 64 67.5 49.5 74.3
 63 32.6 23.9 35.9

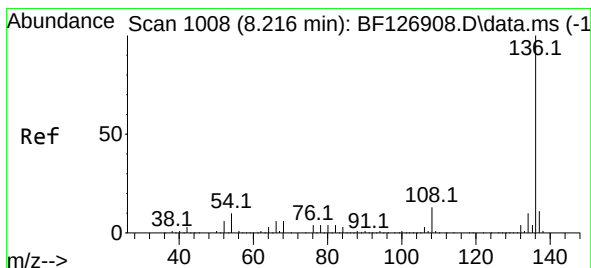
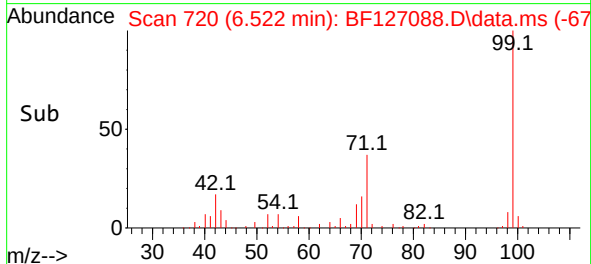
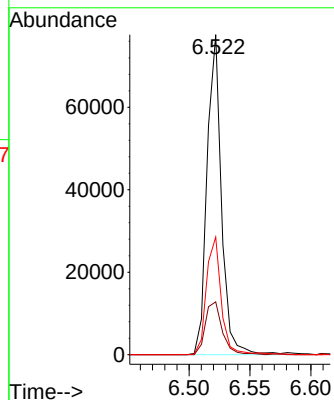
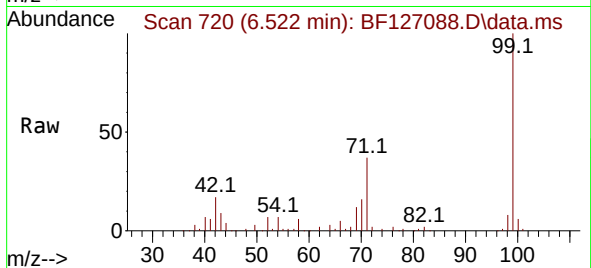




#7
Phenol-d6
Concen: 6.543 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

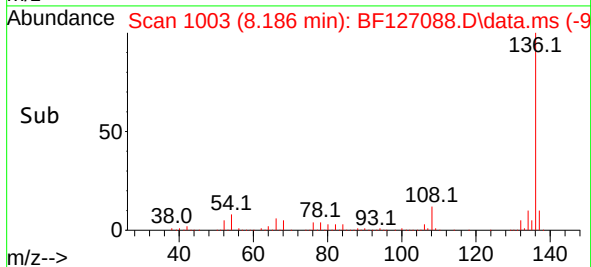
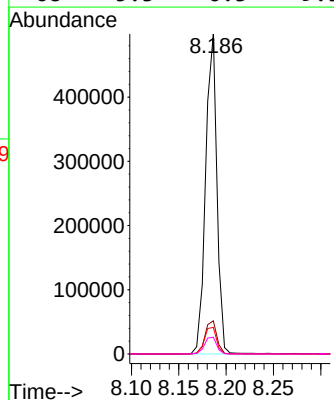
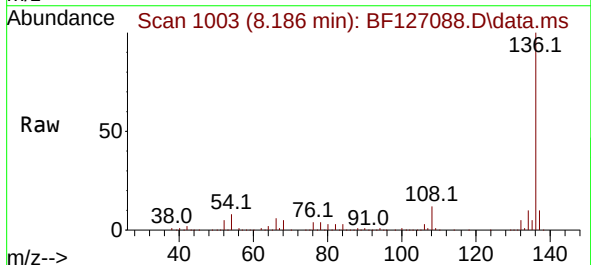
Instrument :
BNA_F
ClientSampleId :
CL-02-022422

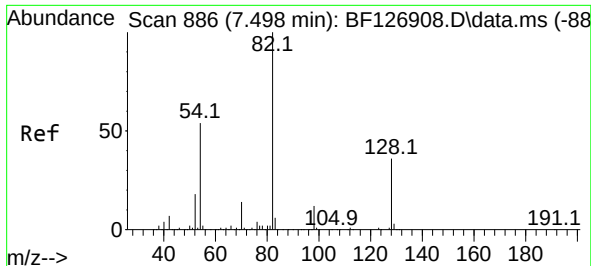
Tgt Ion: 99 Resp: 63692
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 36.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion: 136 Resp: 414786
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 7.8 11.6
68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 4.535 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-022422

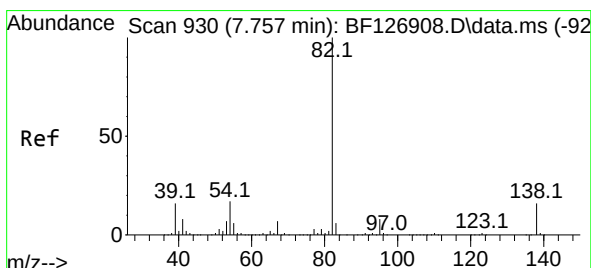
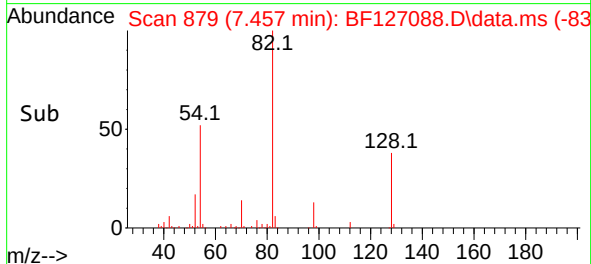
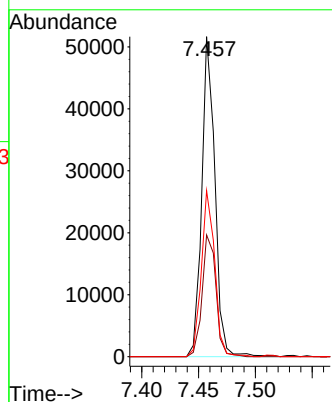
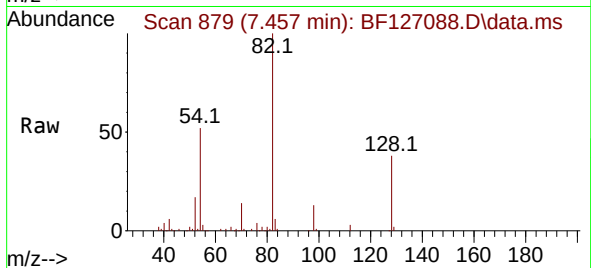
Tgt Ion: 82 Resp: 41675

Ion Ratio Lower Upper

82 100

128 38.1 32.7 49.1

54 51.9 41.7 62.5



#25

Isophorone

Concen: 2.741 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.276 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

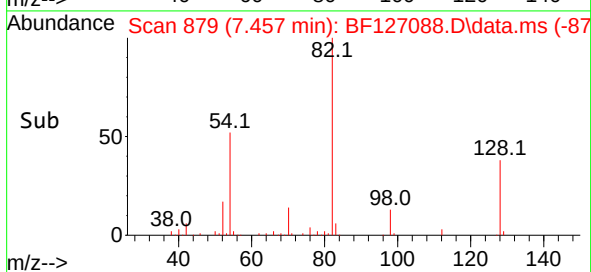
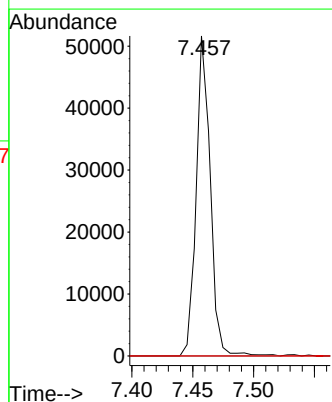
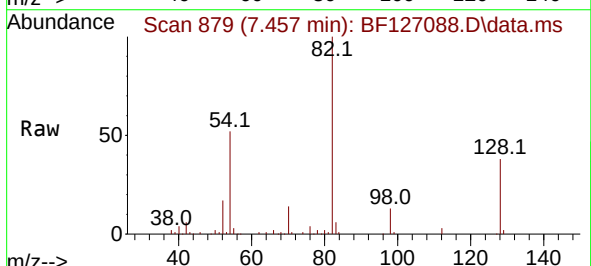
Tgt Ion: 82 Resp: 41675

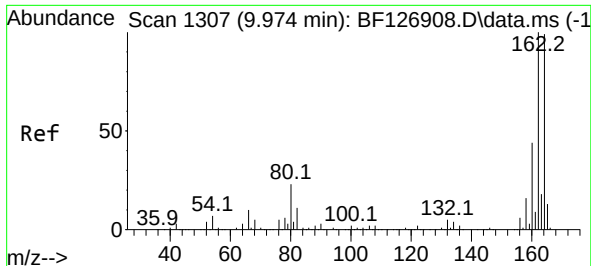
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127088.D

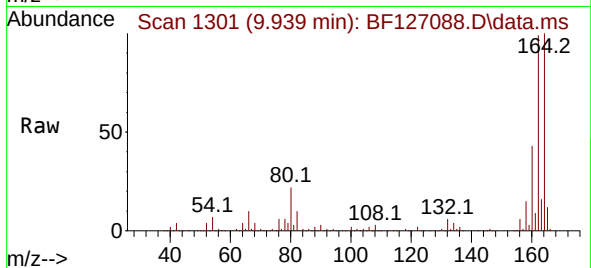
Acq: 25 Feb 2022 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-022422



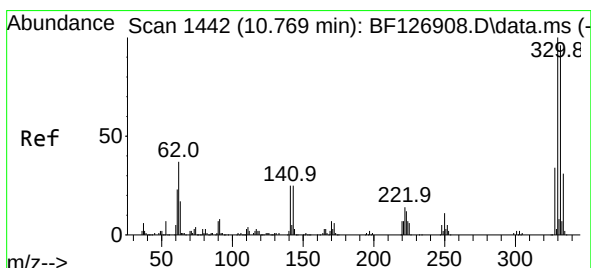
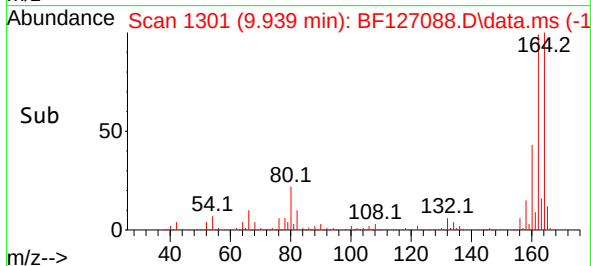
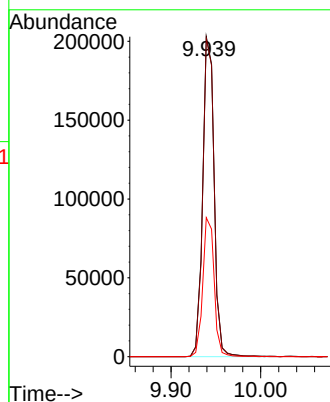
Tgt Ion:164 Resp: 179053

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

160 43.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 5.131 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

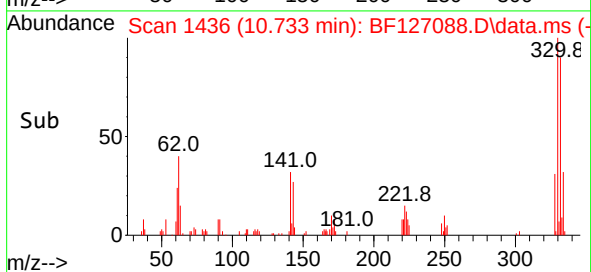
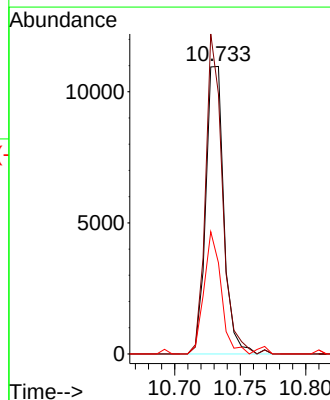
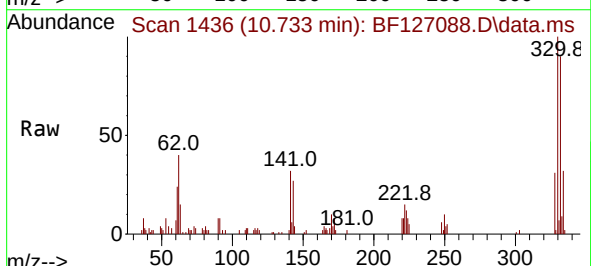
Tgt Ion:330 Resp: 10577

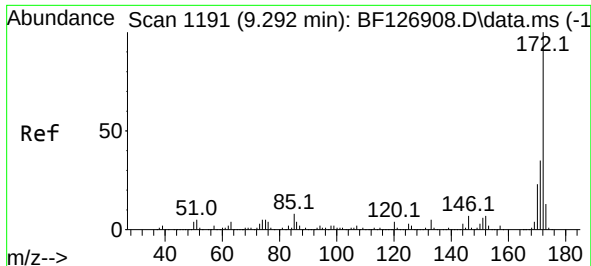
Ion Ratio Lower Upper

330 100

332 103.1 76.0 114.0

141 40.0 30.1 45.1

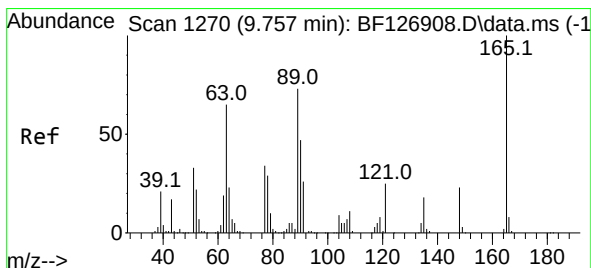
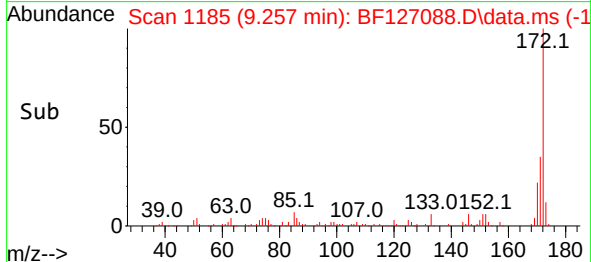
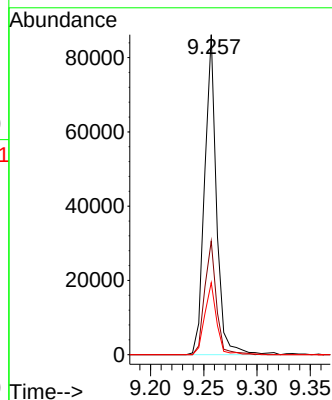
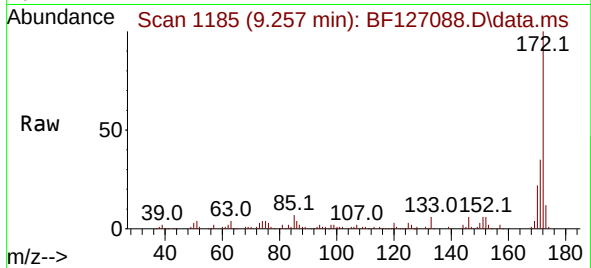




#45
2-Fluorobiphenyl
Concen: 5.533 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

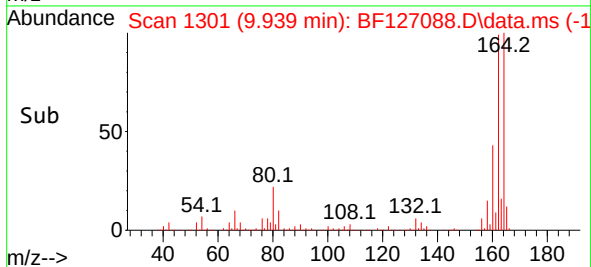
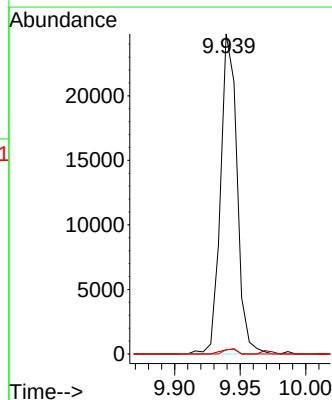
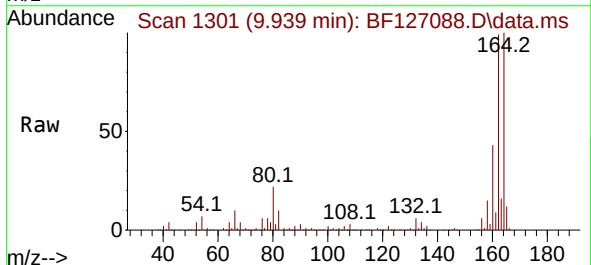
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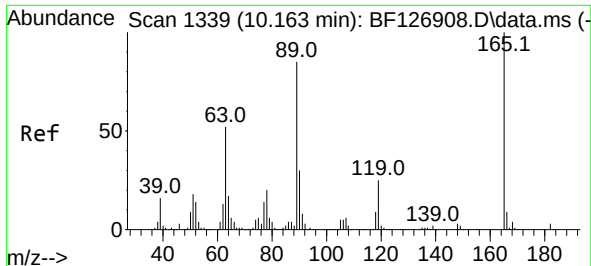
Tgt Ion:172 Resp: 67298
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.318 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.206 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion:165 Resp: 21659
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 50.5 75.7#

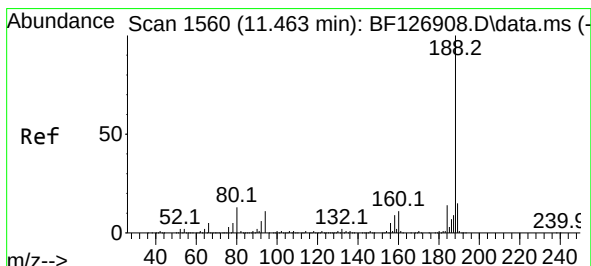
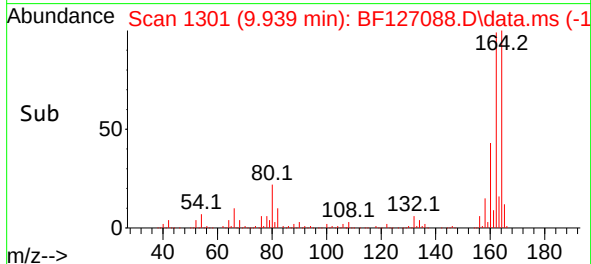
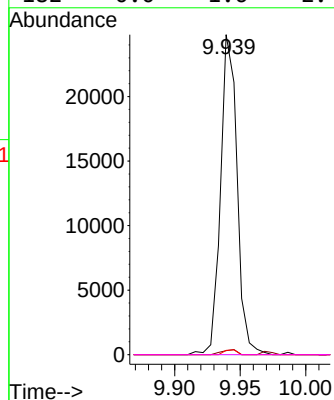
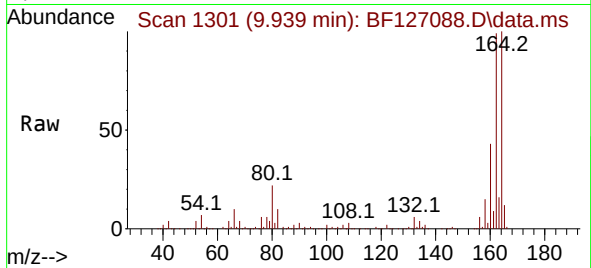




#57
2,4-Dinitrotoluene
Concen: 6.152 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

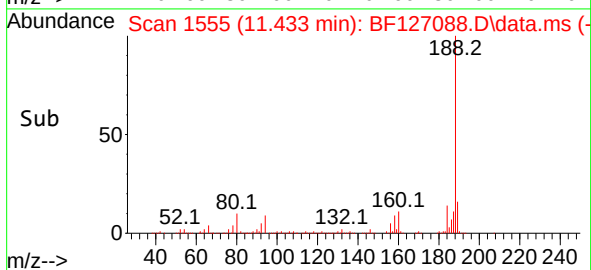
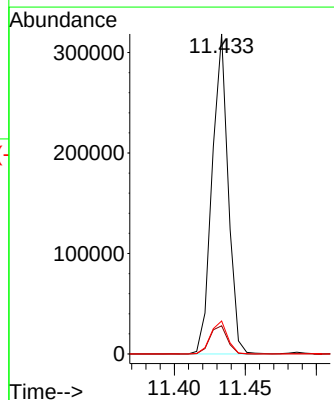
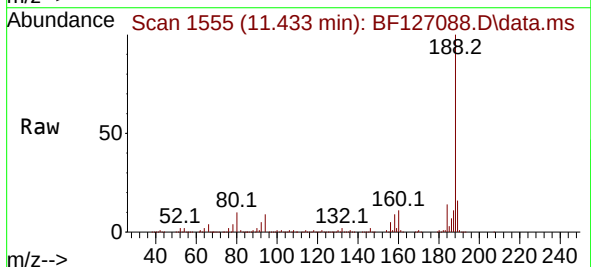
Instrument :
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CL-02-022422

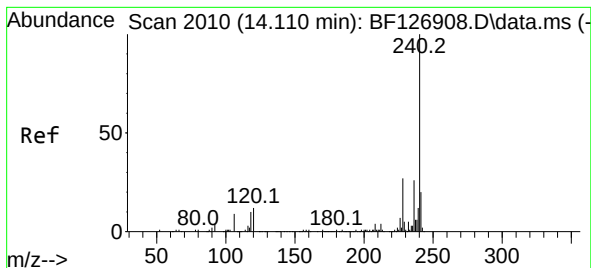
Tgt Ion:165	Resp:	21659
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.0 64.6#
89	1.3	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Tgt Ion:188	Resp:	250132
Ion Ratio	Lower	Upper
188	100	
94	8.8	10.1 15.1#
80	10.3	11.8 17.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-022422

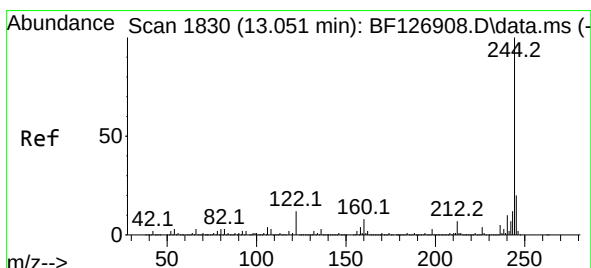
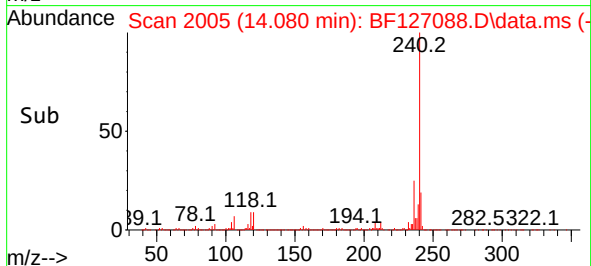
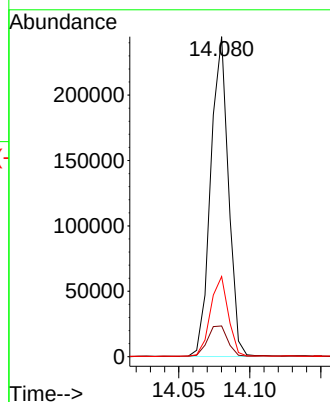
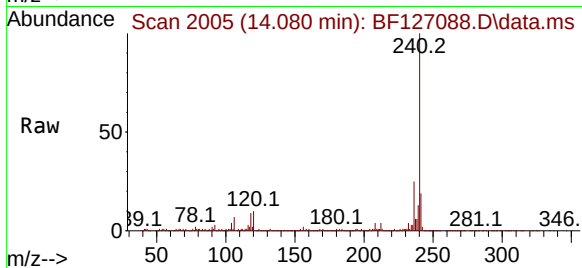
Tgt Ion:240 Resp: 212375

Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 3.727 ng

RT: 13.016 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF127088.D

Acq: 25 Feb 2022 23:20

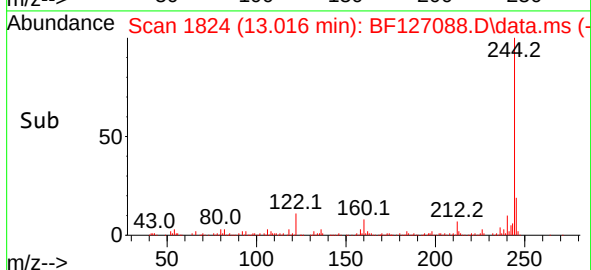
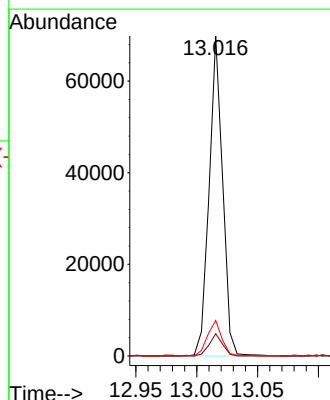
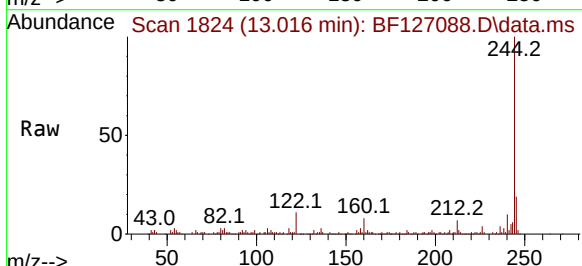
Tgt Ion:244 Resp: 53843

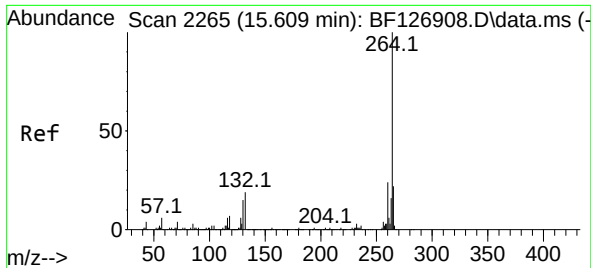
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

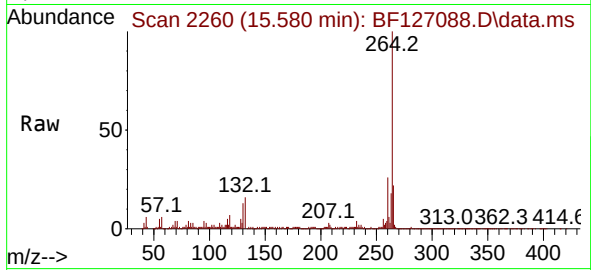
122 11.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127088.D
Acq: 25 Feb 2022 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-022422



Tgt Ion:264 Resp: 191329
Ion Ratio Lower Upper
264 100
260 25.6 19.2 28.8
265 22.3 17.4 26.2

