

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128046.D
 Acq On : 03 May 2022 15:23
 Operator : CG\JU
 Sample : N2648-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Quant Time: May 04 04:26:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

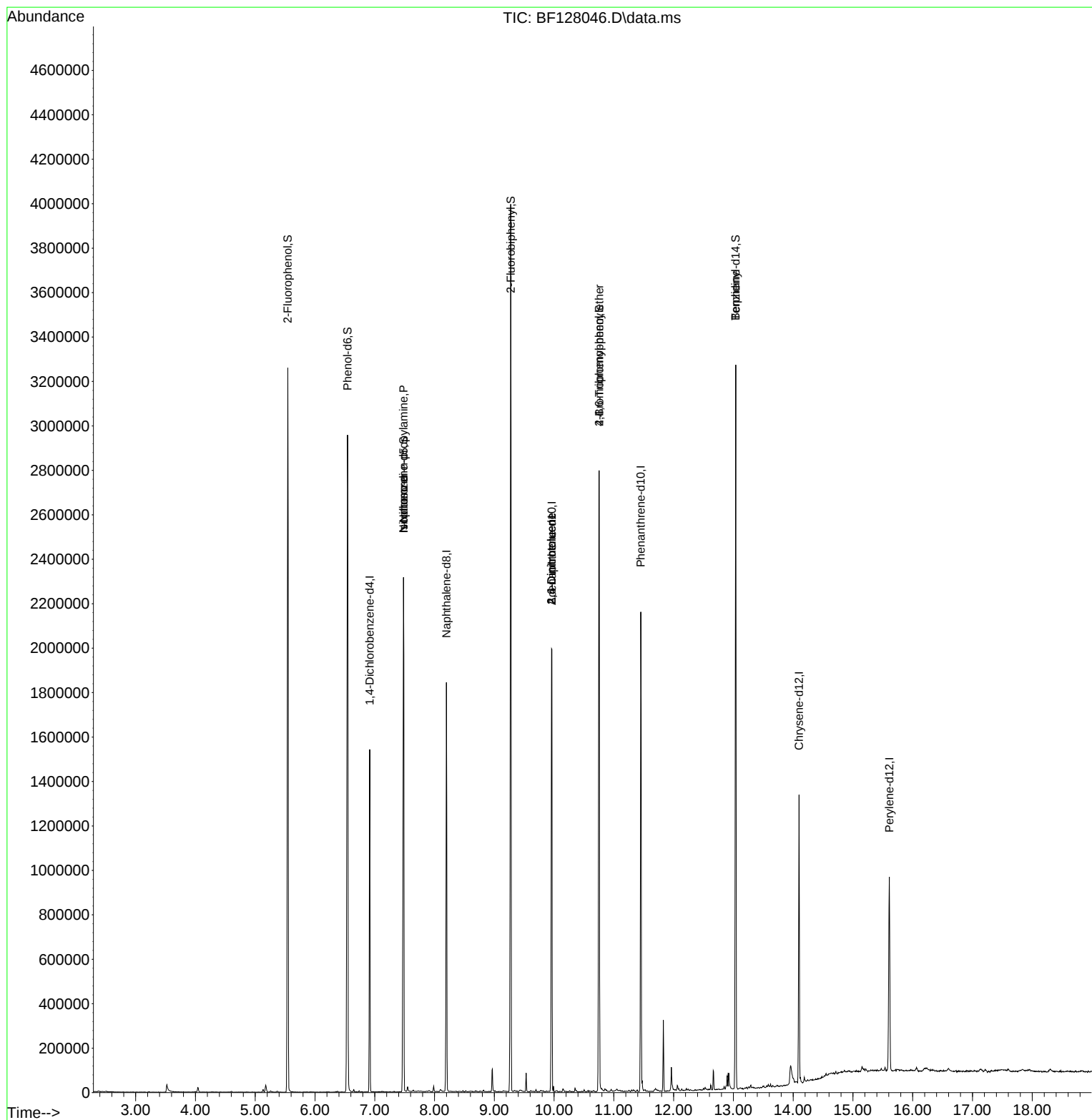
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	192801	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	761640	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	450366	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	809591	20.000	ng	0.00
76) Chrysene-d12	14.098	240	407504	20.000	ng	0.00
86) Perylene-d12	15.610	264	422056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	902601	74.566	ng	0.00
7) Phenol-d6	6.545	99	1211637	77.142	ng	0.00
23) Nitrobenzene-d5	7.481	82	891874	55.065	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	377596	83.287	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1250545	46.975	ng	0.00
79) Terphenyl-d14	13.039	244	1060201	47.574	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	121520	12.639	ng	# 81
25) Isophorone	7.481	82	891853	32.716	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	58861	9.001	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	58861	6.795	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	23285	2.594	ng	# 1
77) Benzidine	13.039	184	15593	2.022	ng	# 94

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

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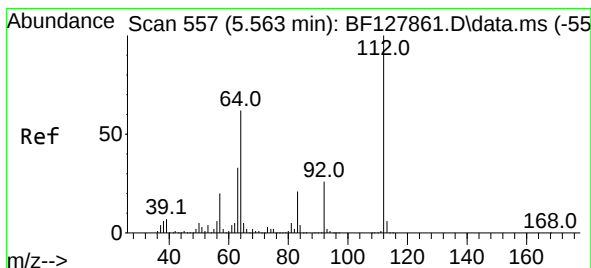
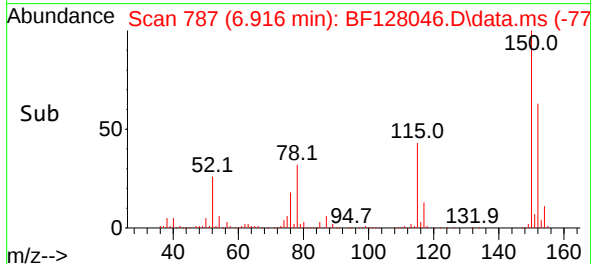
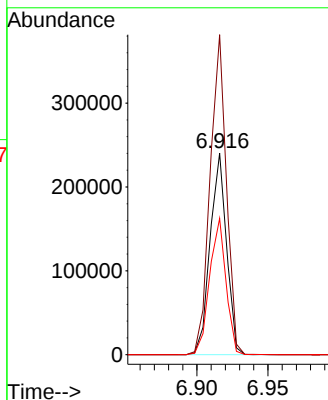
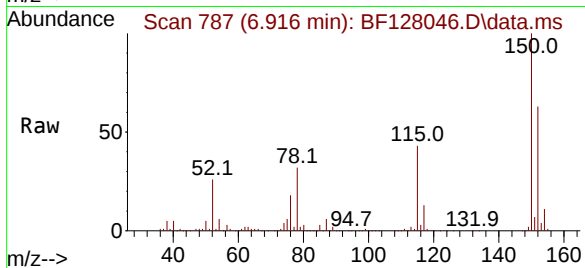




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128046.D
 Acq: 03 May 2022 15:23

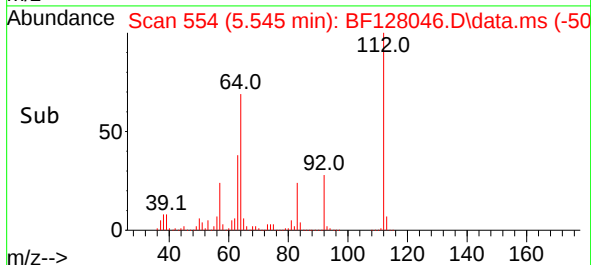
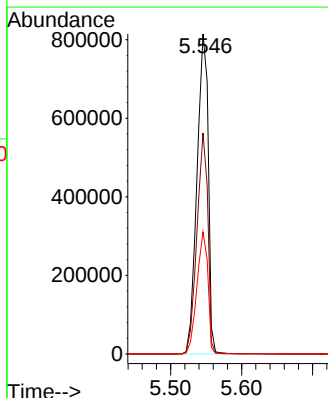
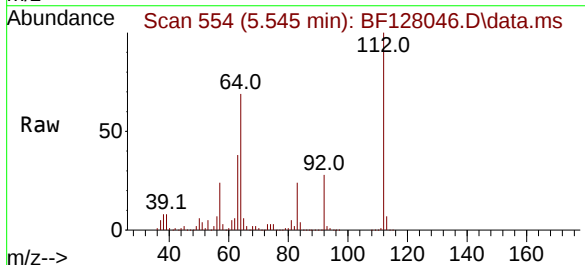
Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

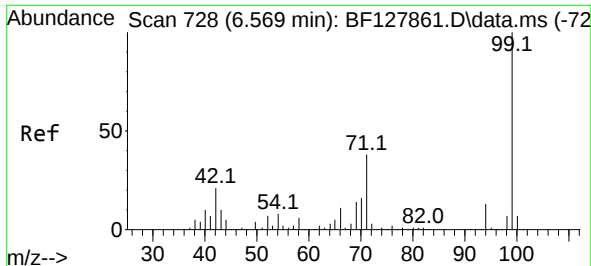
Tgt Ion:152 Resp: 192801
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.3 187.9
 115 67.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 74.566 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF128046.D
 Acq: 03 May 2022 15:23

Tgt Ion:112 Resp: 902601
 Ion Ratio Lower Upper
 112 100
 64 69.1 49.5 74.3
 63 38.2 26.3 39.5

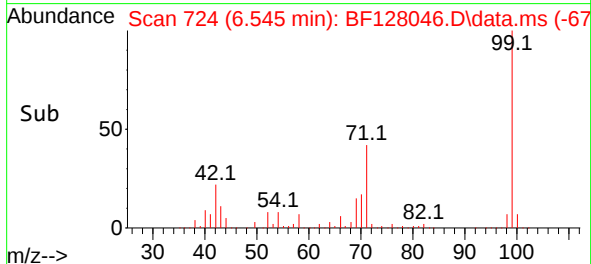
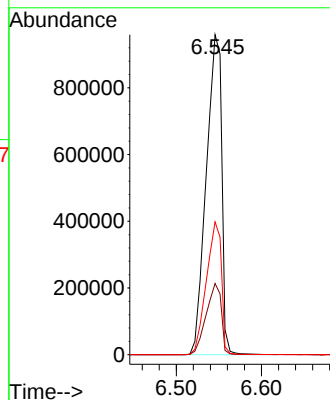
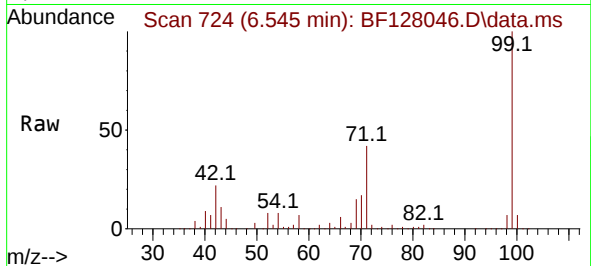




#7
Phenol-d6
Concen: 77.142 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

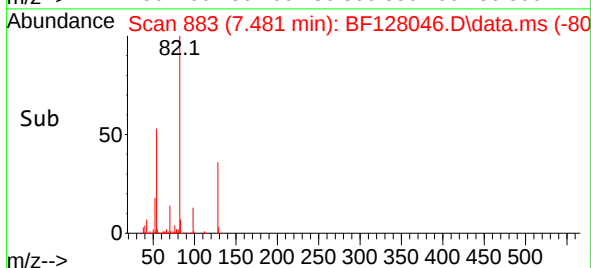
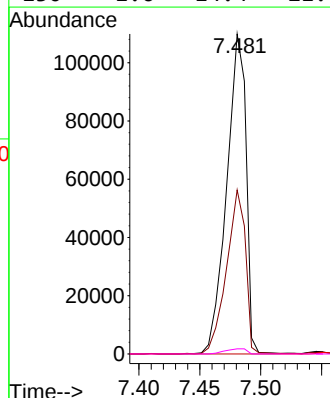
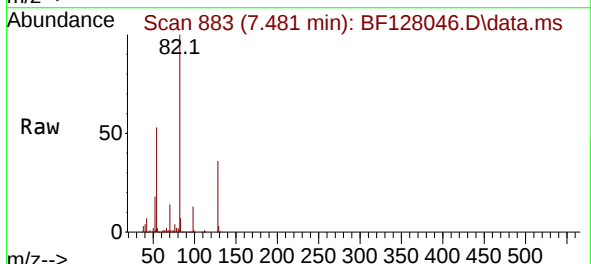
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 99 Resp: 1211637
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.639 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion: 70 Resp: 121520
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

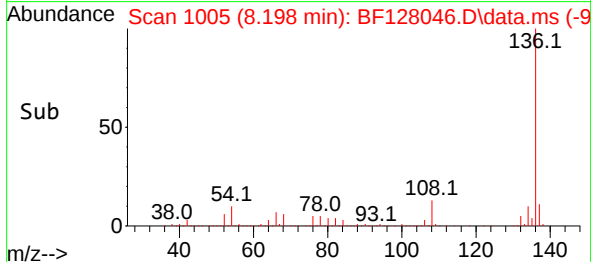
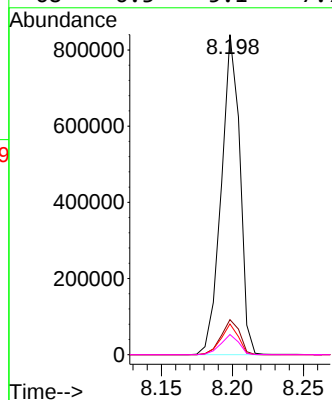
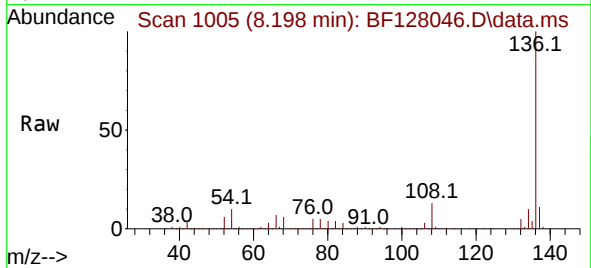




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

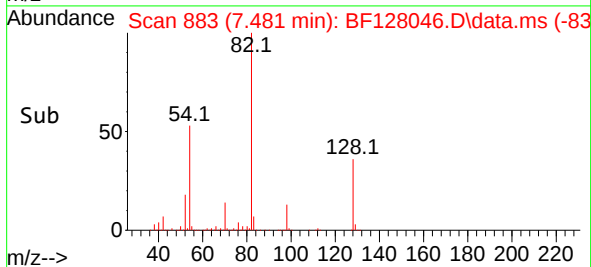
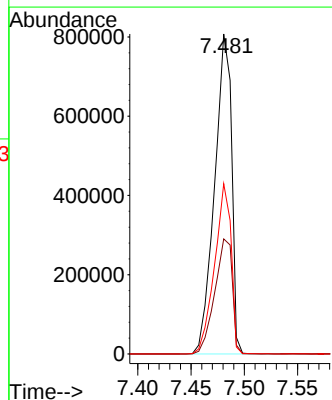
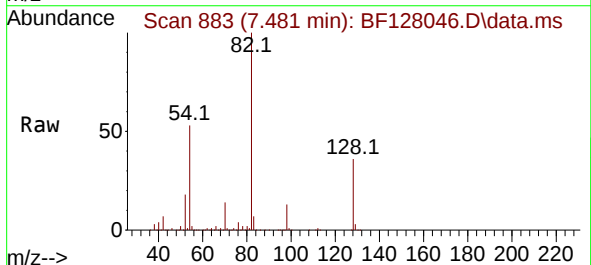
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:136	Resp: 761640
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 9.6	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 55.065 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion: 82	Resp: 891874
Ion Ratio	Lower Upper
82 100	
128 35.9	30.0 45.0
54 53.2	41.3 61.9

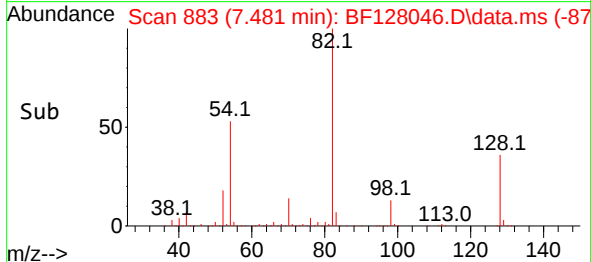
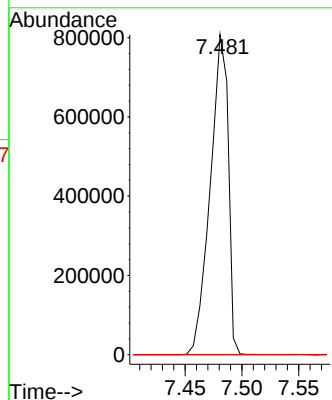
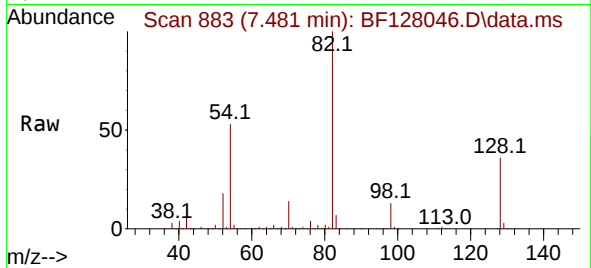




#25
Isophorone
Concen: 32.716 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

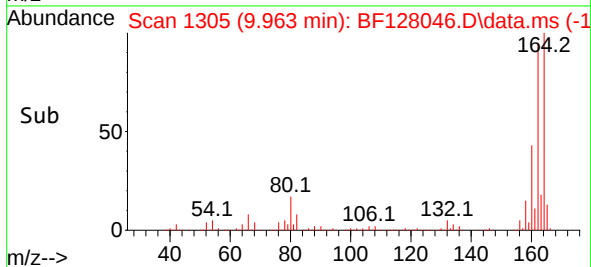
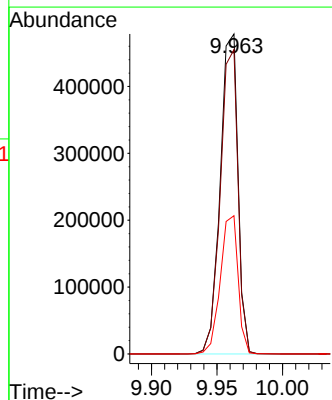
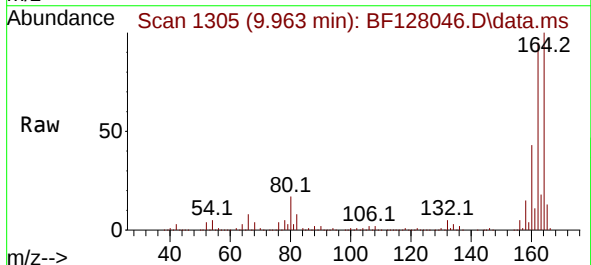
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 82 Resp: 891853
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: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion: 164 Resp: 450366
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 43.2 34.8 52.2

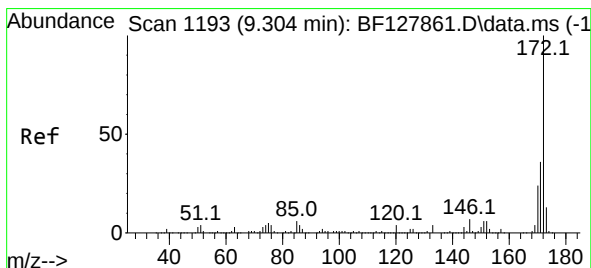
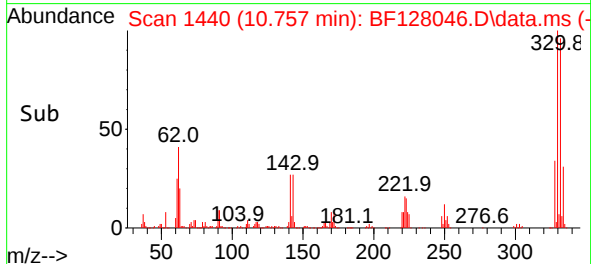
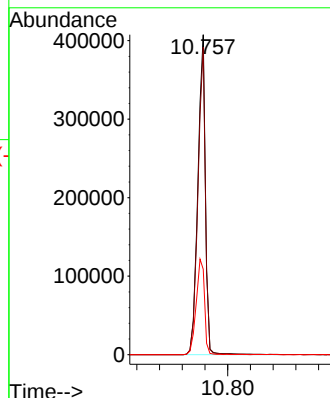
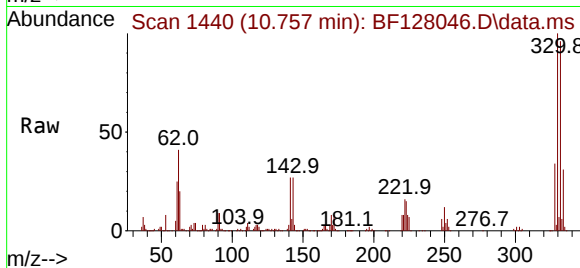




#42
2,4,6-Tribromophenol
Concen: 83.287 ng
RT: 10.757 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

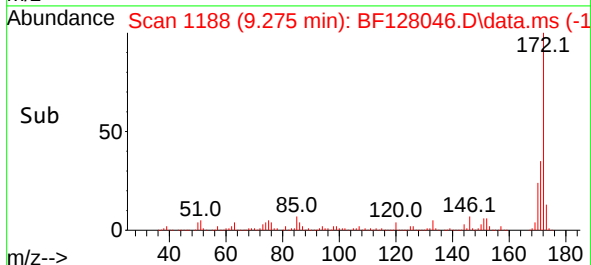
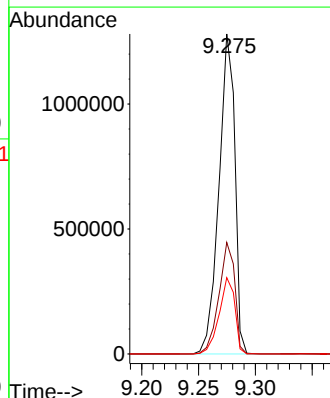
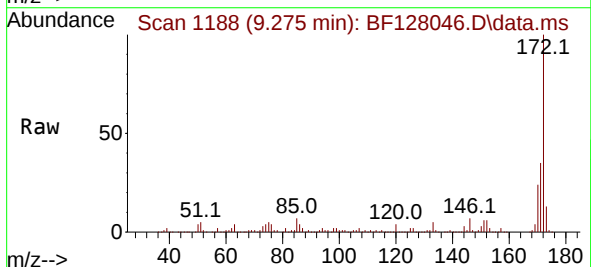
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:330 Resp: 377596
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 32.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 46.975 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion:172 Resp: 1250545
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.001 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128046.D

Acq: 03 May 2022 15:23

Instrument :

BNA_F

ClientSampleId :

RBR-346

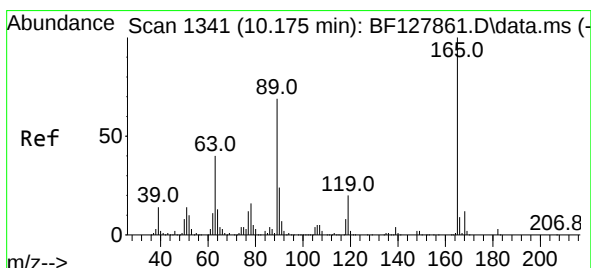
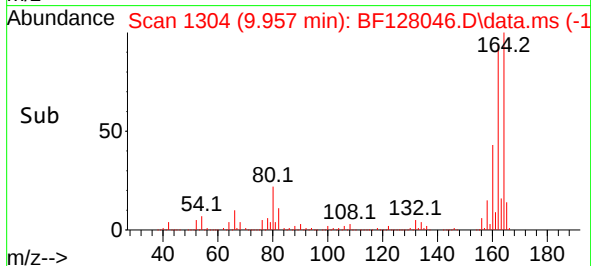
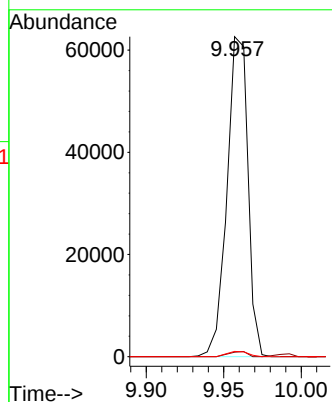
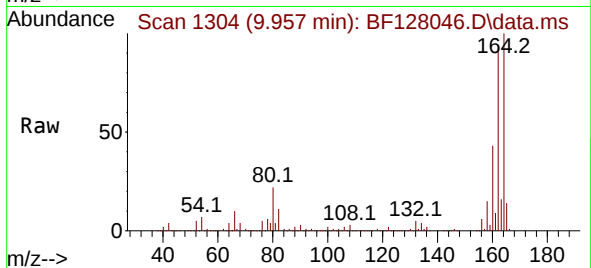
Tgt Ion:165 Resp: 58861

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.7 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.795 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128046.D

Acq: 03 May 2022 15:23

Tgt Ion:165 Resp: 58861

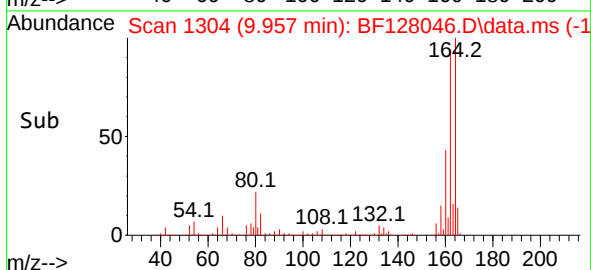
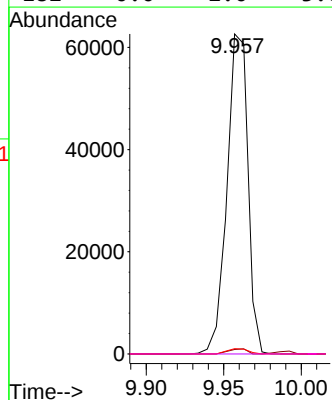
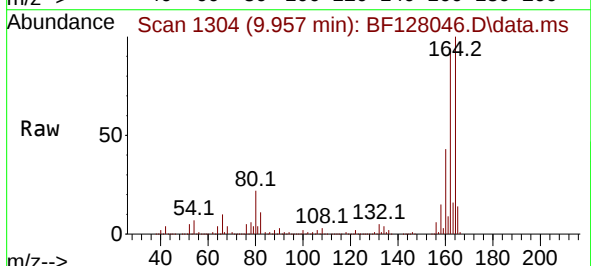
Ion Ratio Lower Upper

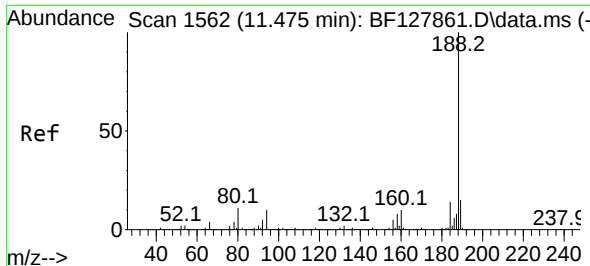
165 100

63 1.4 32.6 49.0#

89 1.7 55.2 82.8#

182 0.0 2.0 3.0#

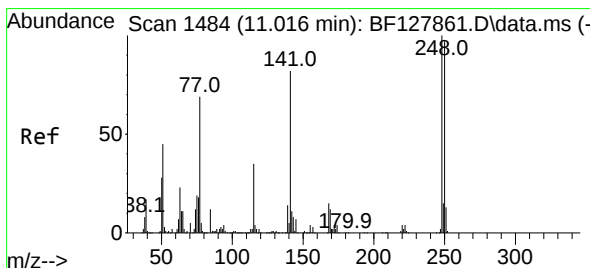
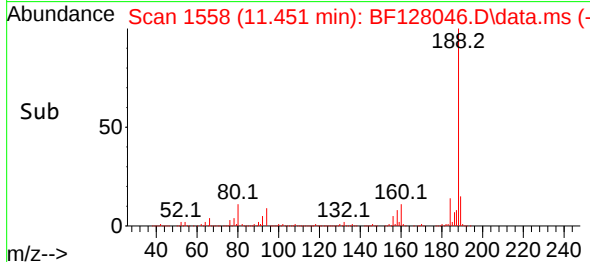
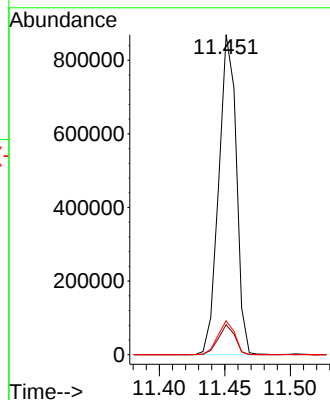
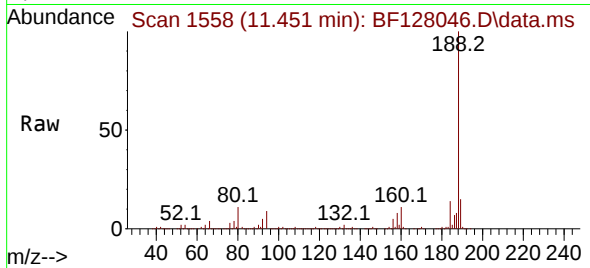




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

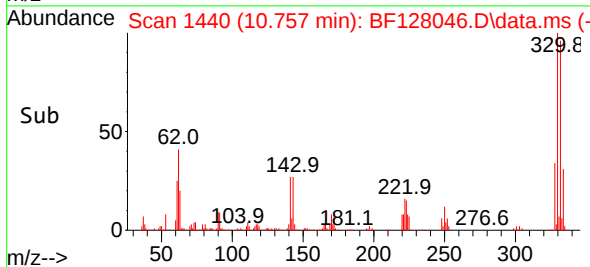
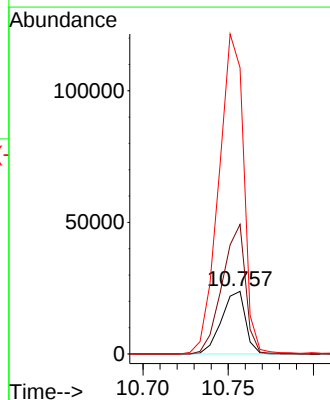
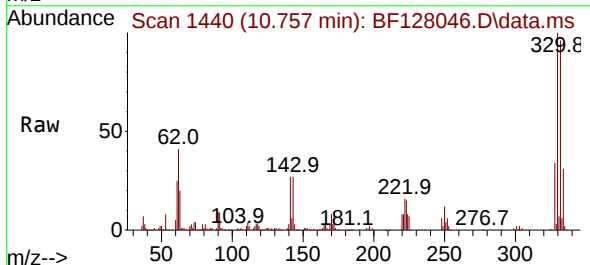
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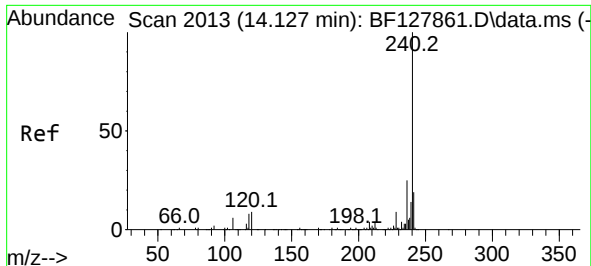
Tgt Ion:188 Resp: 809591
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.594 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.241 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion:248 Resp: 23285
Ion Ratio Lower Upper
248 100
250 207.0 77.7 116.5#
141 457.3 65.6 98.4#

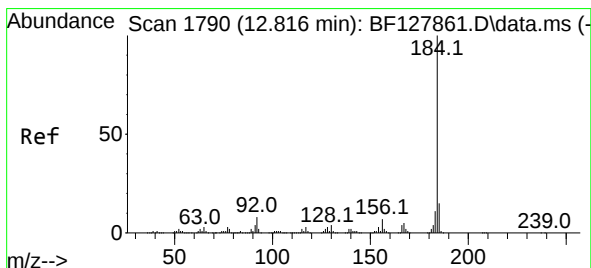
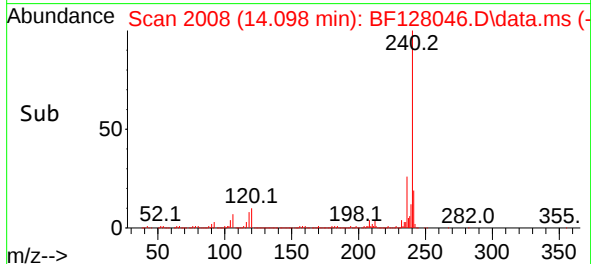
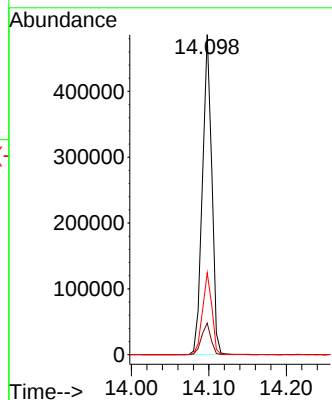
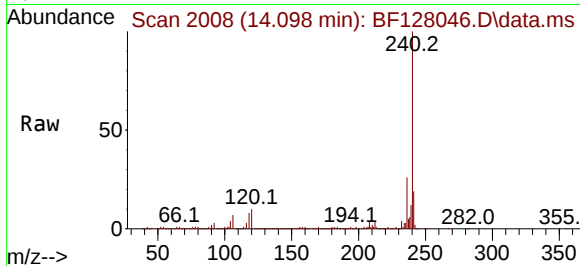




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

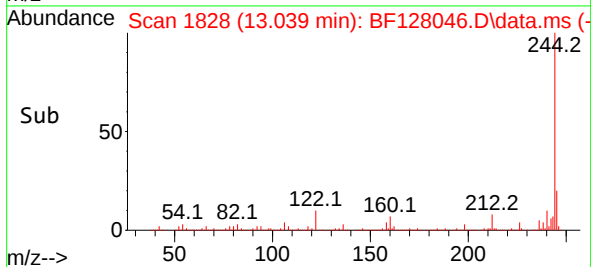
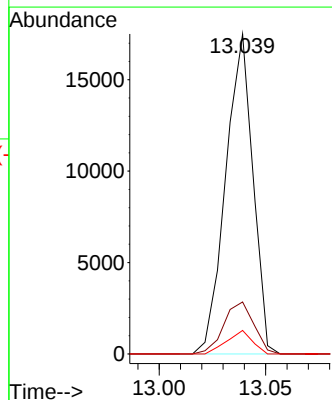
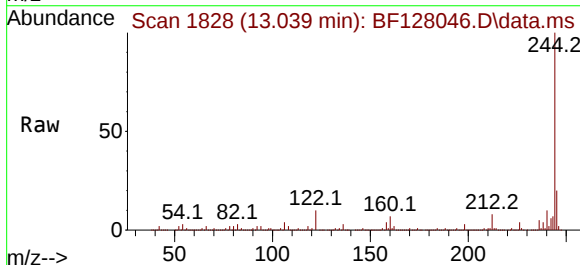
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:240 Resp: 407504
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.022 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.247 min
Lab File: BF128046.D
Acq: 03 May 2022 15:23

Tgt Ion:184 Resp: 15593
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 7.3 9.0 13.4#

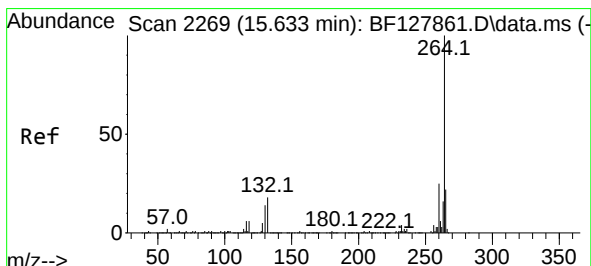
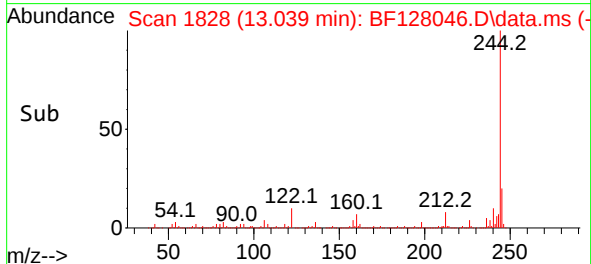
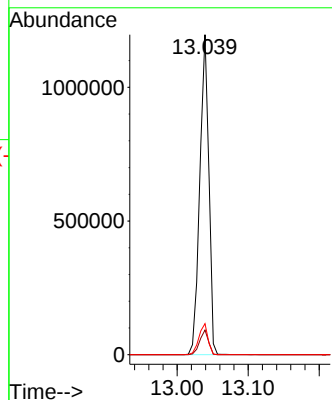
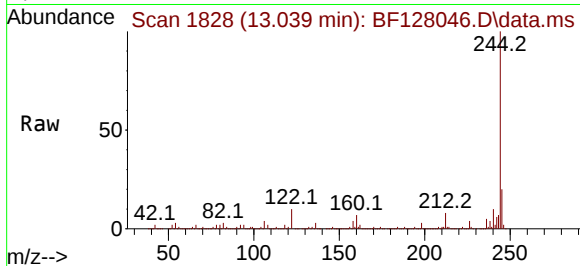




#79
 Terphenyl-d14
 Concen: 47.574 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128046.D
 Acq: 03 May 2022 15:23

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Tgt Ion:244 Resp: 1060201
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF128046.D
 Acq: 03 May 2022 15:23

Tgt Ion:264 Resp: 422056
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.8 17.5 26.3

