

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128066.D
 Acq On : 04 May 2022 12:26
 Operator : CG\JU
 Sample : N2648-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Quant Time: May 05 06:02:01 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)

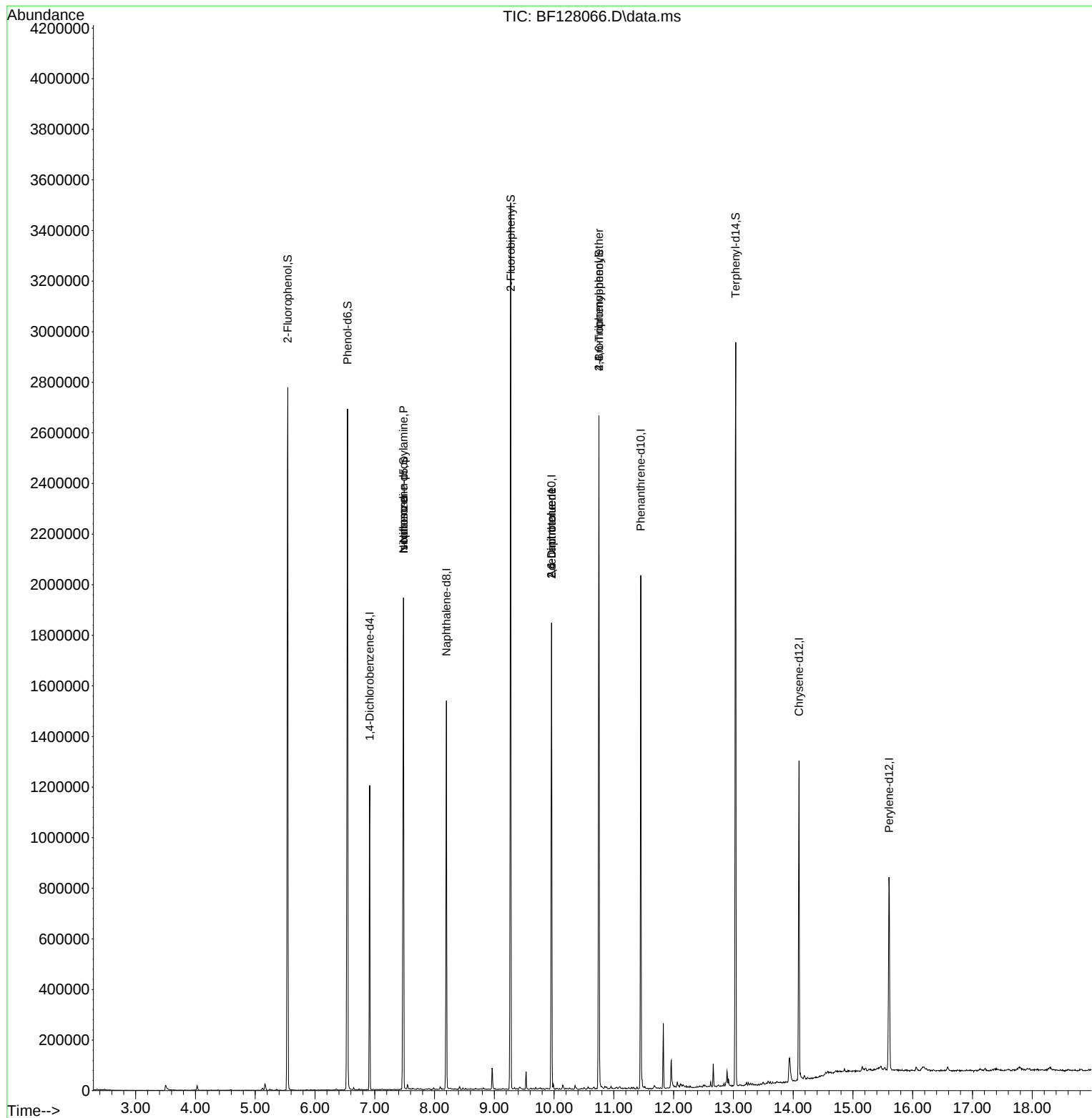
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	160196	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	614999	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	363115	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	669131	20.000	ng	0.00
76) Chrysene-d12	14.098	240	414889	20.000	ng	0.00
86) Perylene-d12	15.604	264	366649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	737500	73.328	ng	0.00
7) Phenol-d6	6.545	99	964685	73.920	ng	0.00
23) Nitrobenzene-d5	7.481	82	704372	53.858	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	302929	82.872	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1012390	47.167	ng	0.00
79) Terphenyl-d14	13.039	244	1001959	44.160	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.481	70	96350	12.061	ng	# 79
25) Isophorone	7.481	82	704361	31.999	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	46621	8.842	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	46621	6.675	ng	# 25
67) 4-Bromophenyl-phenylether	10.751	248	18771	2.531	ng	# 1

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

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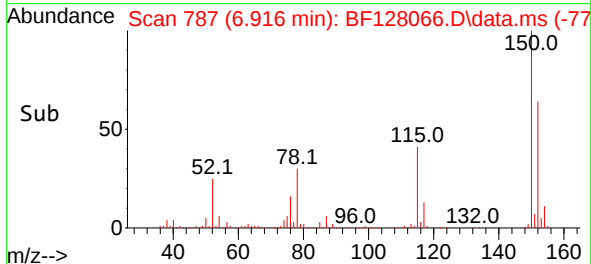
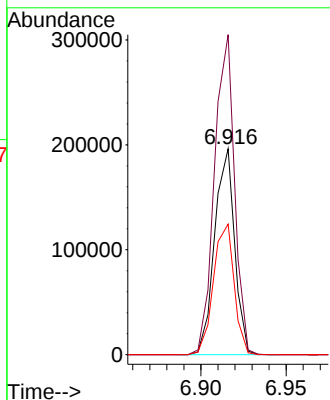
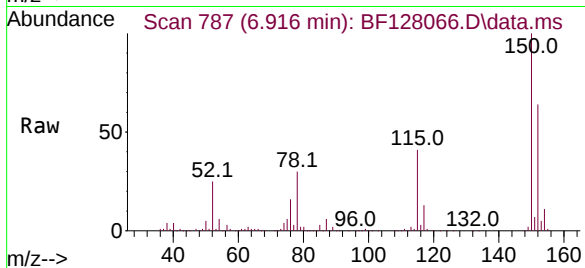




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

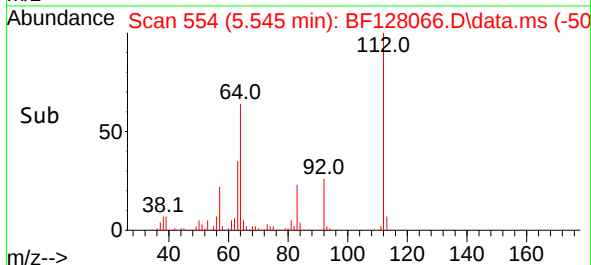
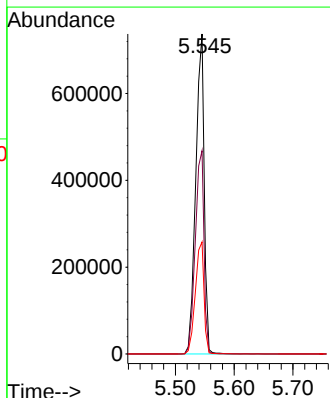
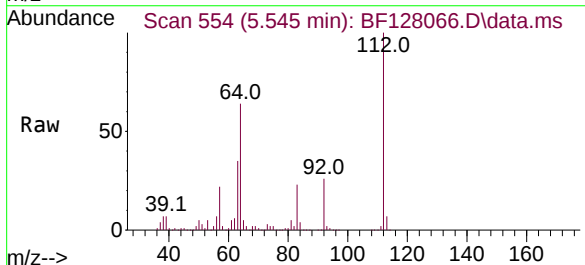
Instrument :
BNA_F
ClientSampleId :
RBR-346

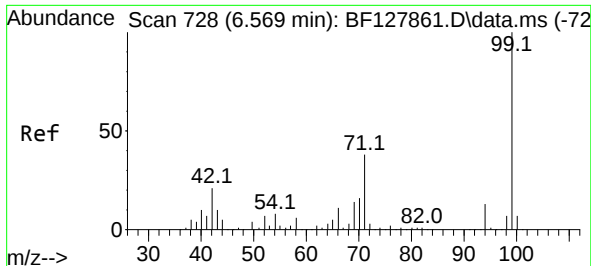
Tgt Ion:152 Resp: 160196
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 73.328 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion:112 Resp: 737500
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 35.0 26.3 39.5

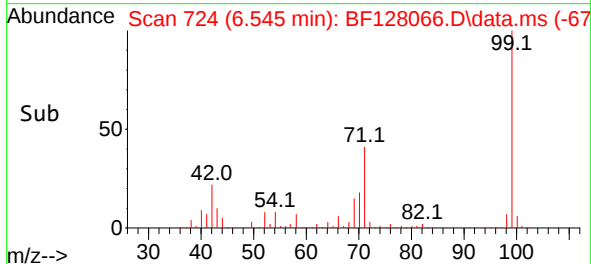
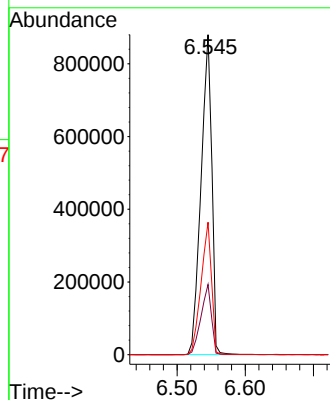
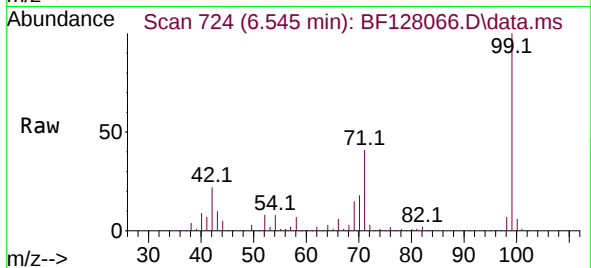




#7
Phenol-d6
Concen: 73.920 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

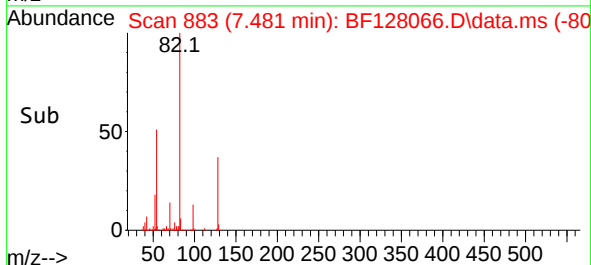
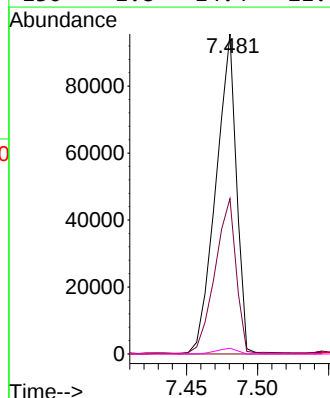
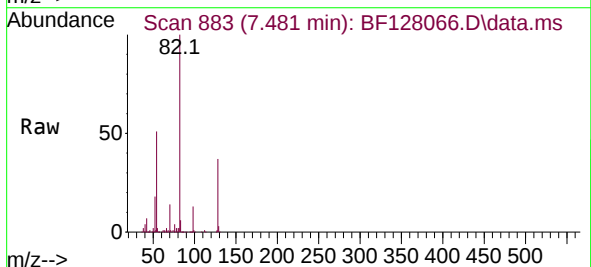
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 99 Resp: 964685
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 41.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.061 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion: 70 Resp: 96350
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

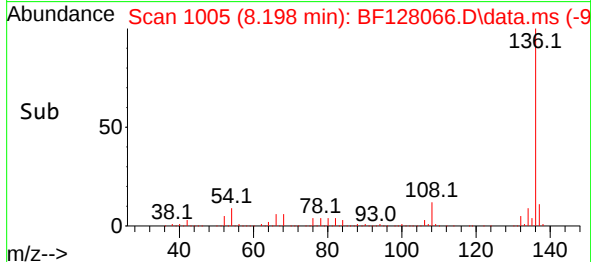
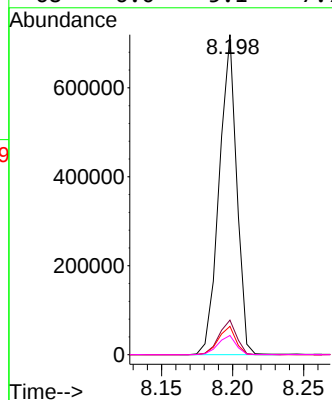
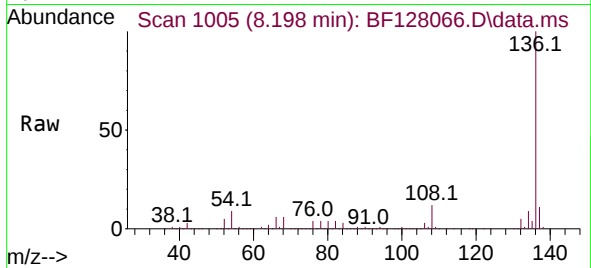




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

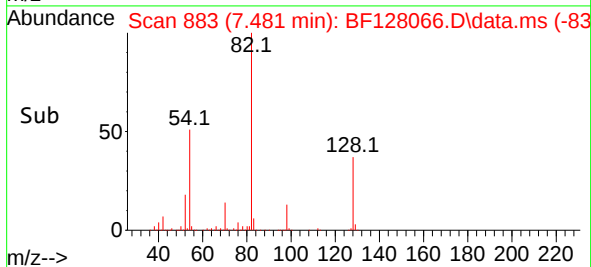
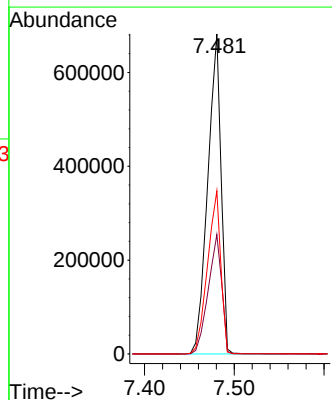
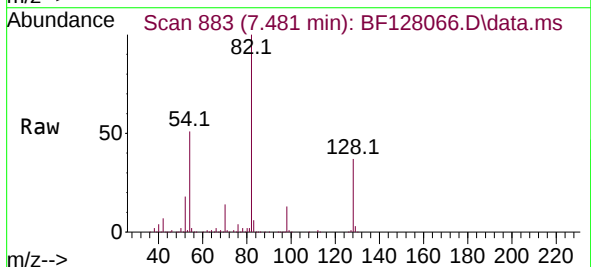
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:	136	Resp:	614999
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 53.858 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion:	82	Resp:	704372
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	50.9	41.3	61.9

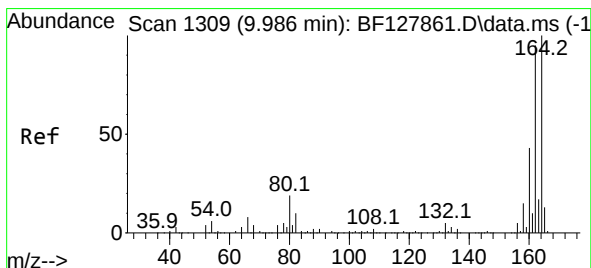
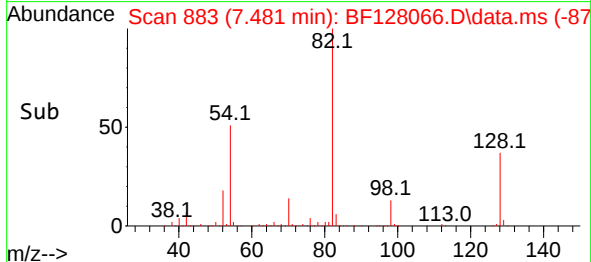
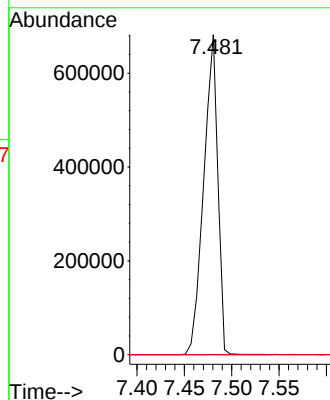
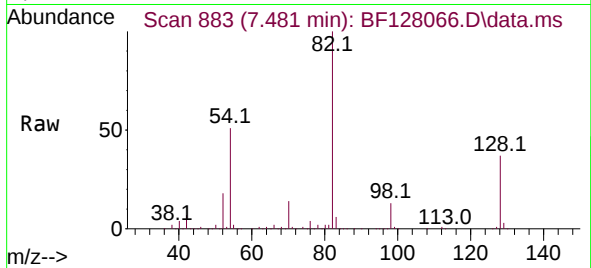




#25
Isophorone
Concen: 31.999 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

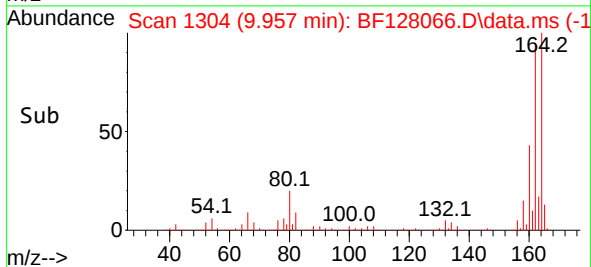
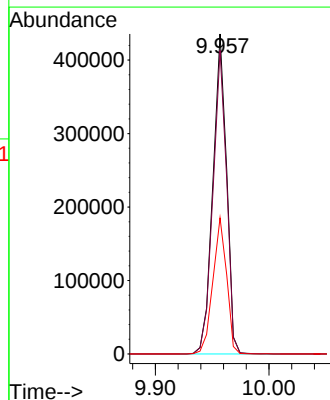
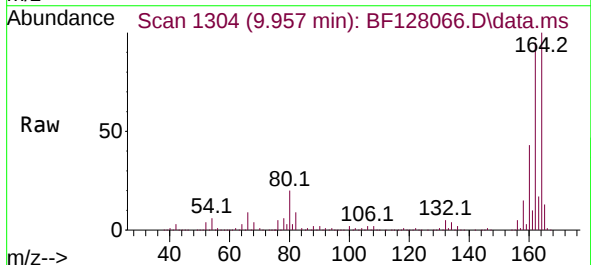
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion: 82 Resp: 704361
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: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion: 164 Resp: 363115
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 82.872 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128066.D

Acq: 04 May 2022 12:26

Instrument :

BNA_F

ClientSampleId :

RBR-346

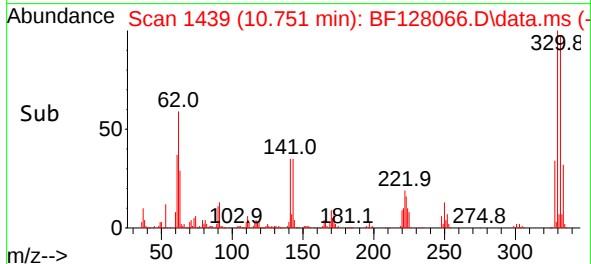
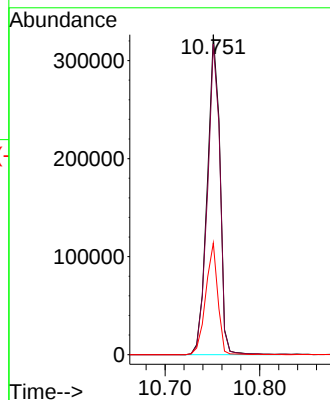
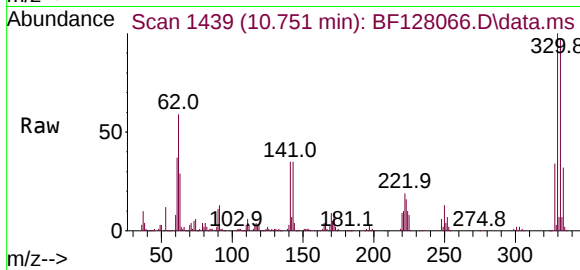
Tgt Ion:330 Resp: 302929

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 47.167 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128066.D

Acq: 04 May 2022 12:26

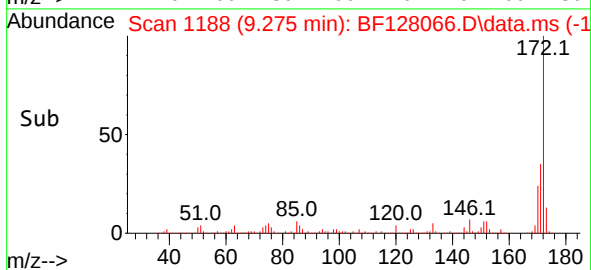
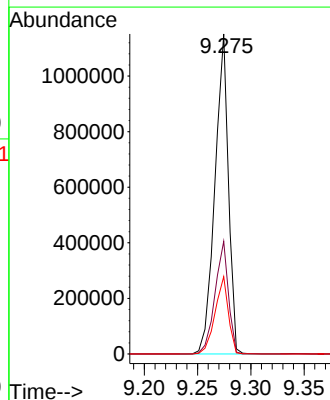
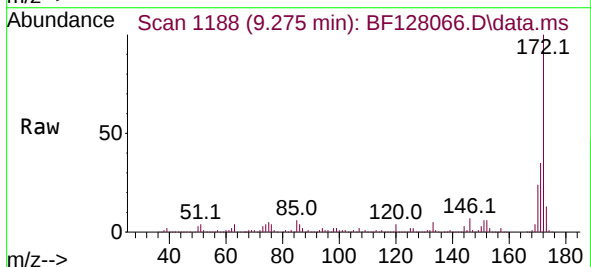
Tgt Ion:172 Resp: 1012390

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.2 19.1 28.7

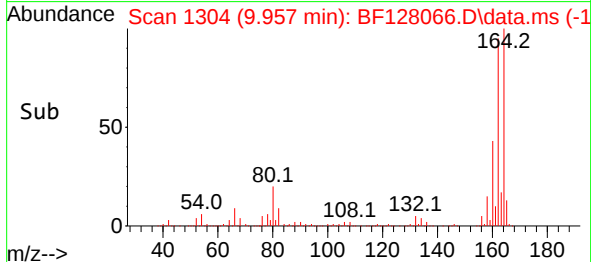
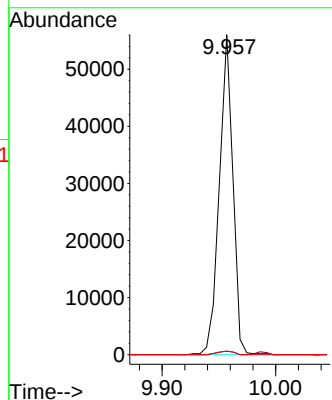
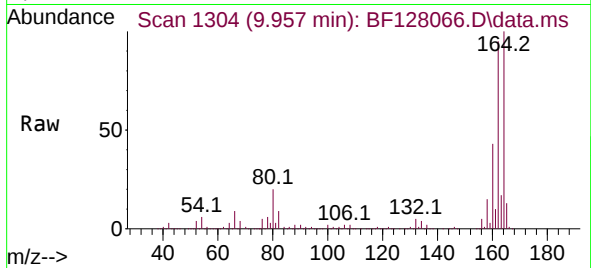




#51
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

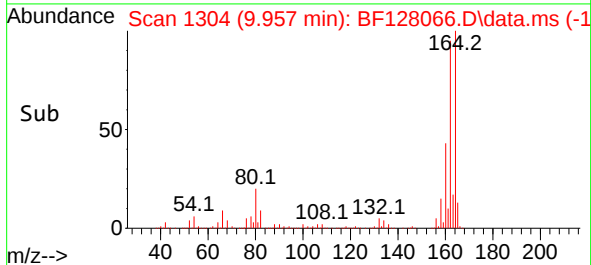
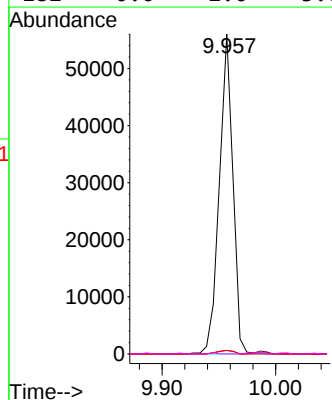
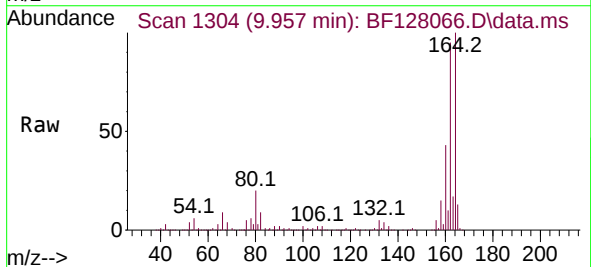
Instrument :
BNA_F
ClientSampleId :
RBR-346

Tgt Ion:165 Resp: 46621
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion:165 Resp: 46621
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

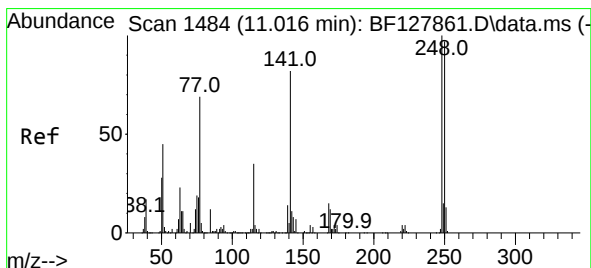
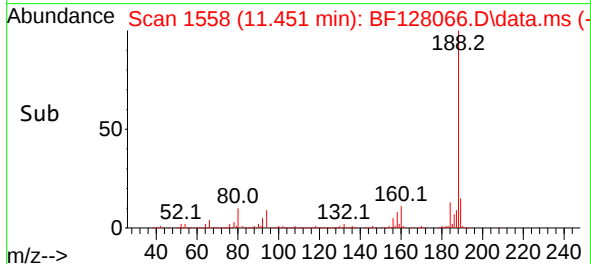
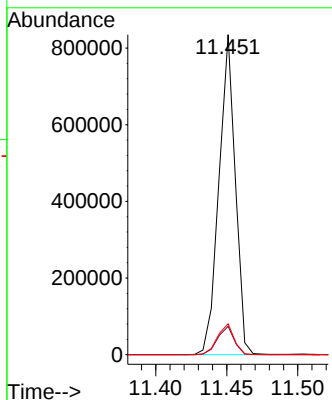
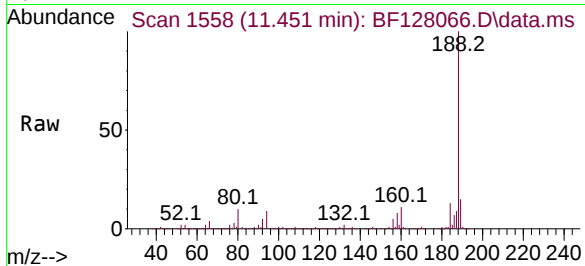




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

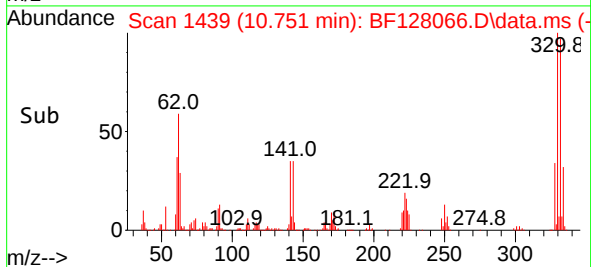
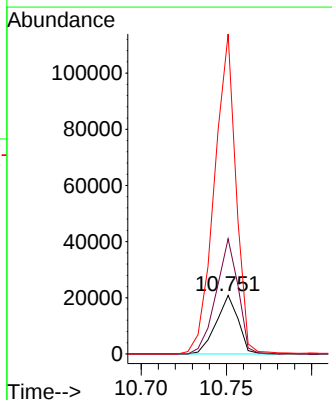
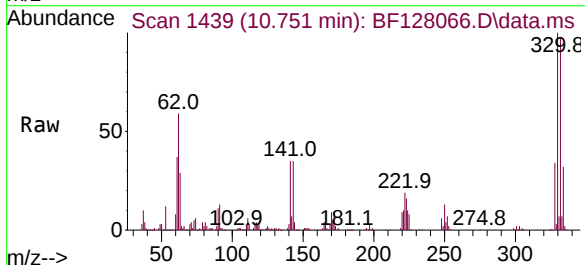
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ClientSampleId :
RBR-346

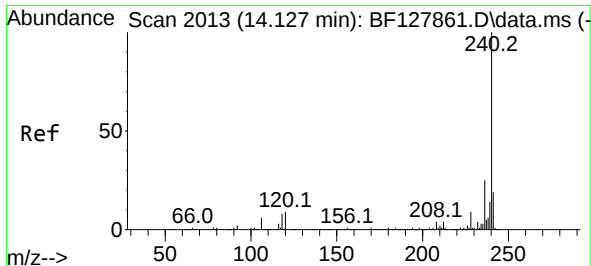
Tgt Ion:188 Resp: 669131
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.531 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion:248 Resp: 18771
Ion Ratio Lower Upper
248 100
250 196.9 77.7 116.5#
141 546.7 65.6 98.4#

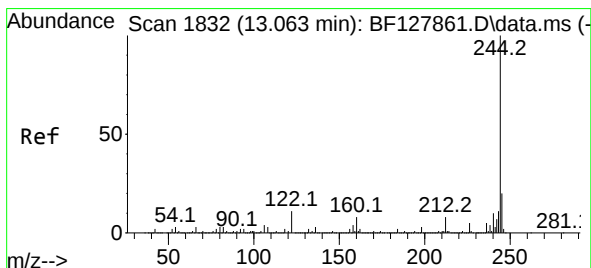
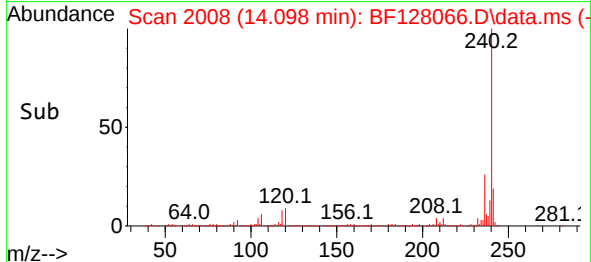
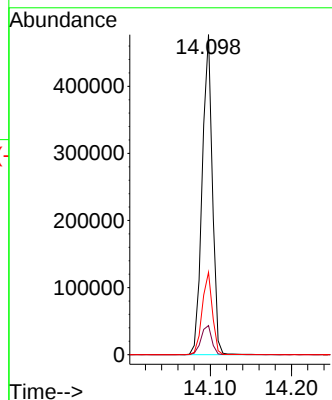
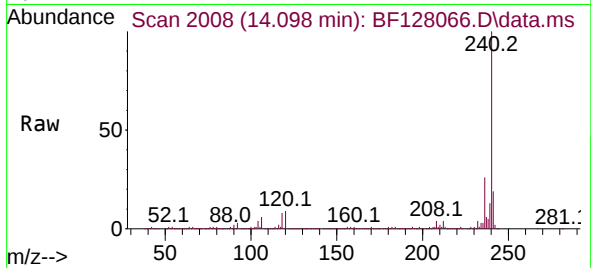




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

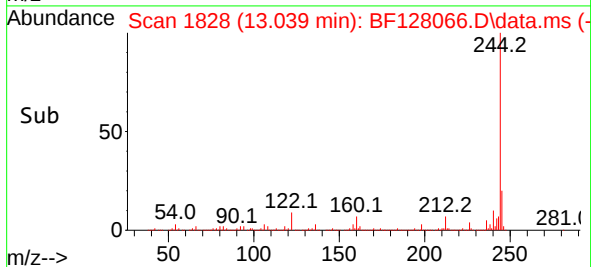
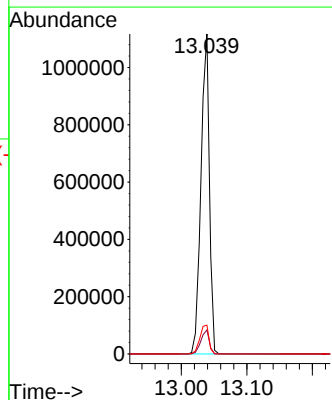
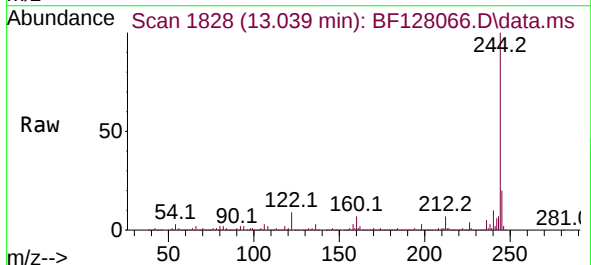
Instrument :
BNA_F
ClientSampleId :
RBR-346

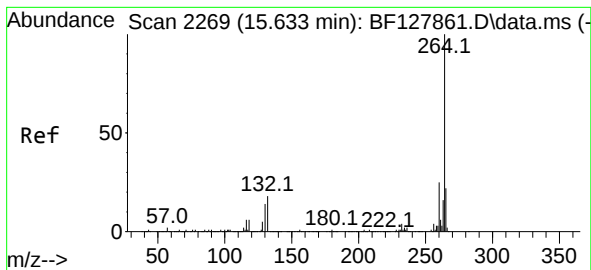
Tgt Ion:240 Resp: 414889
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 44.160 ng
RT: 13.039 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF128066.D
Acq: 04 May 2022 12:26

Tgt Ion:244 Resp: 1001959
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: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128066.D

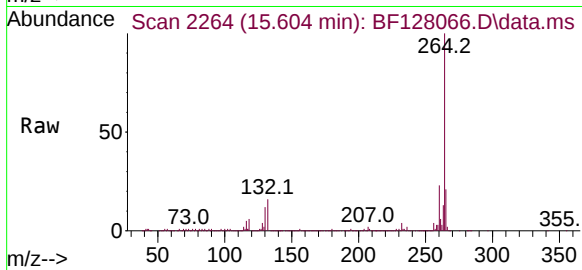
Acq: 04 May 2022 12:26

Instrument :

BNA_F

ClientSampleId :

RBR-346



Tgt Ion:264 Resp: 366649

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 21.2 17.5 26.3

