

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128448.D
 Acq On : 24 May 2022 21:39
 Operator : CG\JU
 Sample : N2897-06 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P042-SS001-0006-01

Quant Time: May 25 03:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

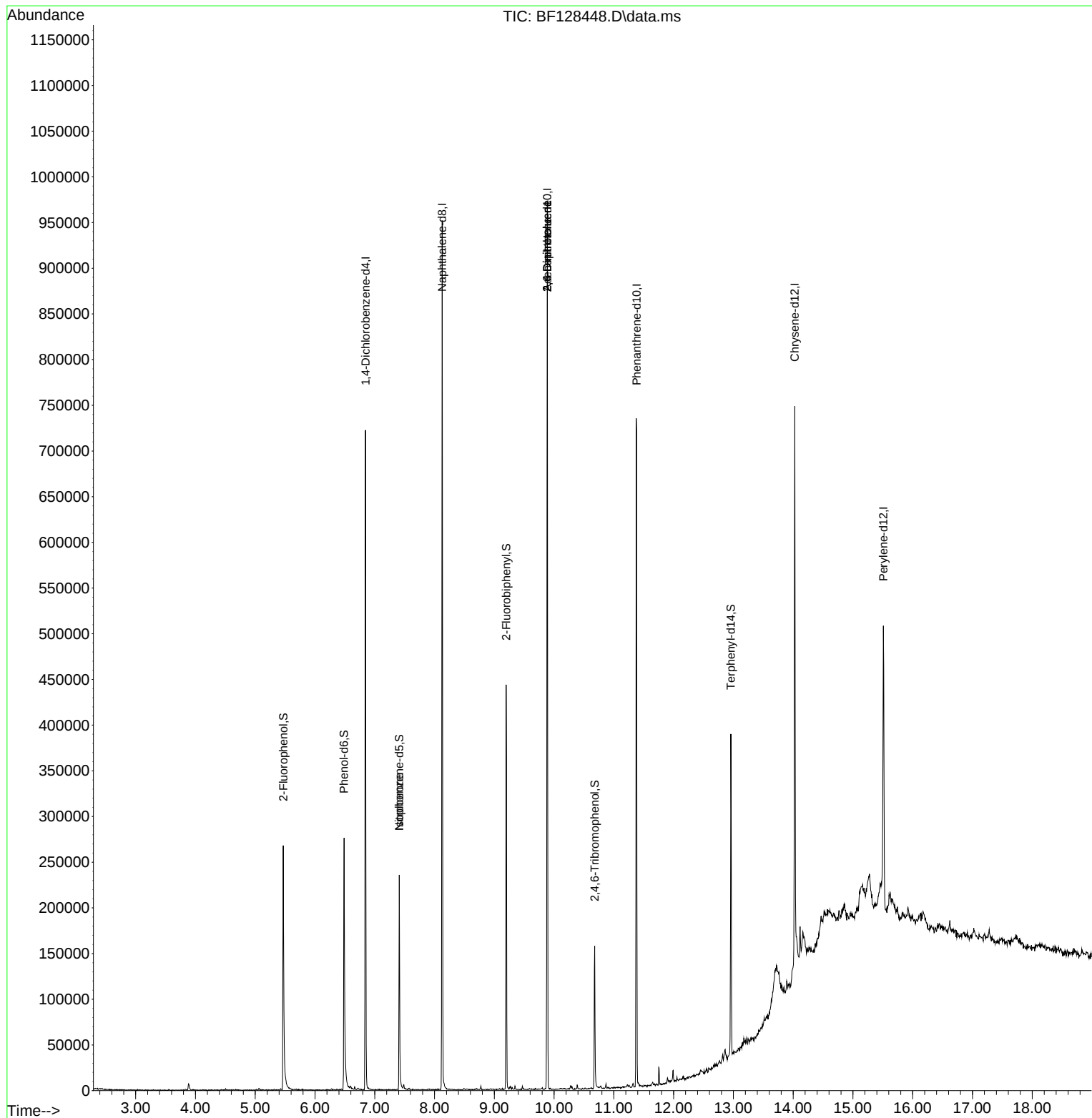
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100157	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	371123	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183348	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	282175	20.000	ng	0.00
76) Chrysene-d12	14.027	240	194836	20.000	ng	0.00
86) Perylene-d12	15.509	264	140782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	85599	13.601	ng	0.00
7) Phenol-d6	6.487	99	114168	13.776	ng	0.00
23) Nitrobenzene-d5	7.410	82	71257	8.603	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	18479	9.773	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	128066	11.423	ng	0.00
79) Terphenyl-d14	12.957	244	112922	11.188	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	227	Below Cal	Qvalue #	3
25) Isophorone	7.410	82	71256	5.614	ng #	68
51) 2,6-Dinitrotoluene	9.886	165	23416	9.167	ng #	21
57) 2,4-Dinitrotoluene	9.886	165	23416	7.276	ng #	26

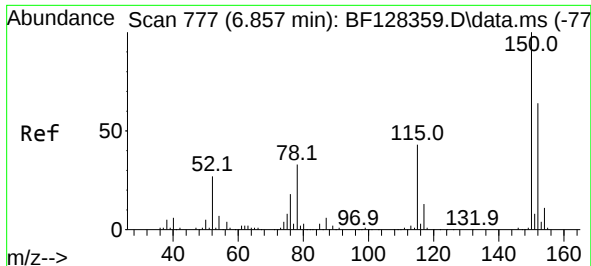
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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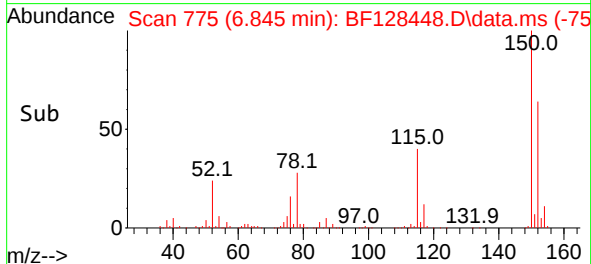
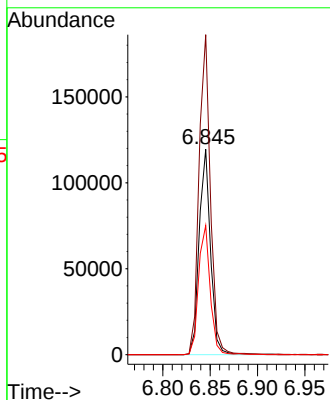
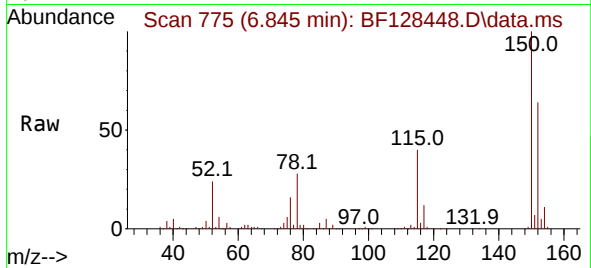




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

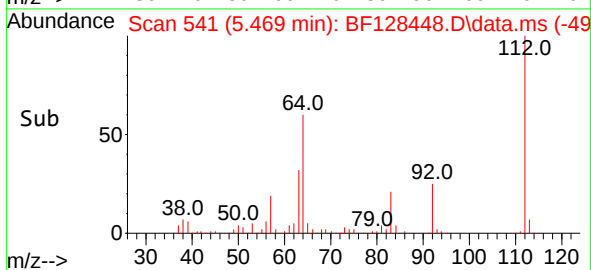
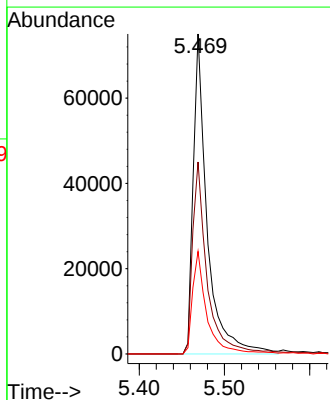
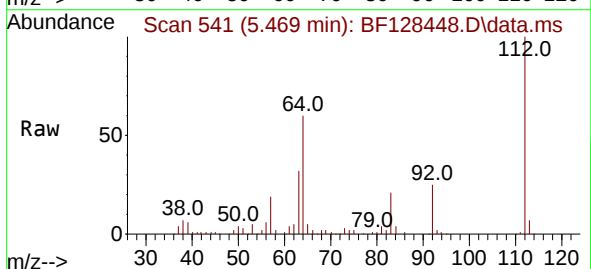
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0006-01

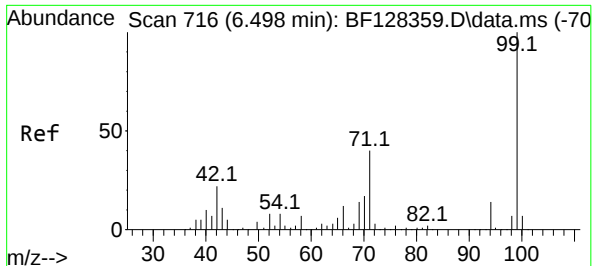
Tgt Ion:152 Resp: 100157
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 62.9 48.8 73.2



#5
2-Fluorophenol
Concen: 13.601 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

Tgt Ion:112 Resp: 85599
Ion Ratio Lower Upper
112 100
64 60.0 49.5 74.3
63 32.1 26.3 39.5

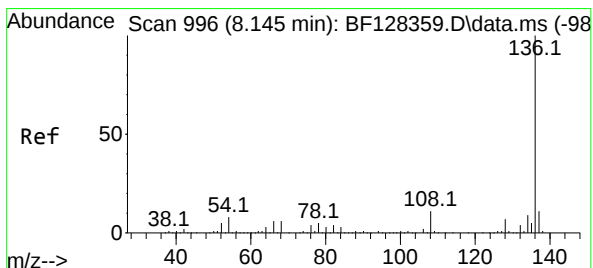
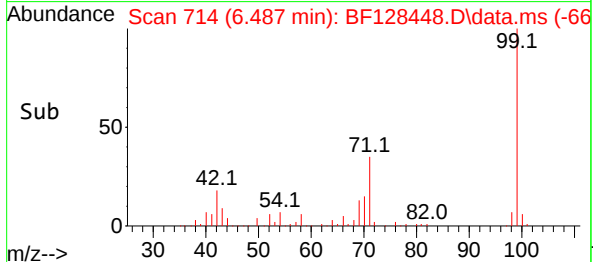
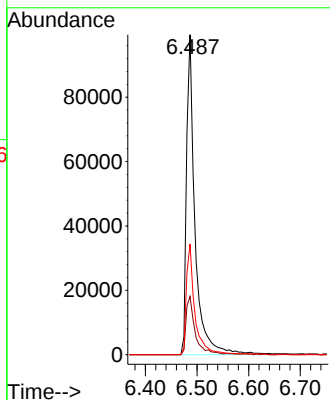
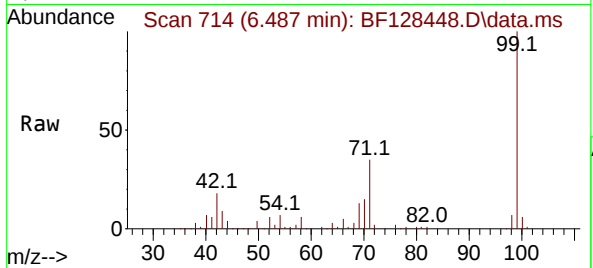




#7
Phenol-d6
Concen: 13.776 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

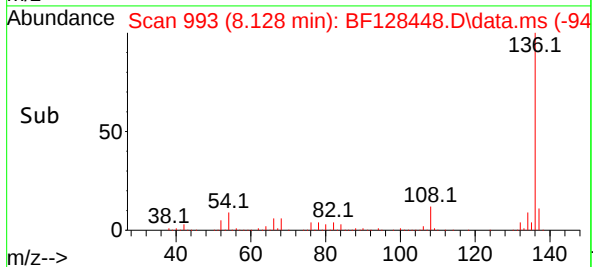
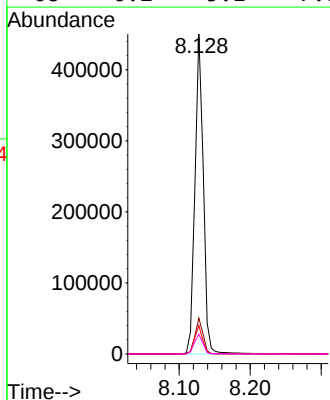
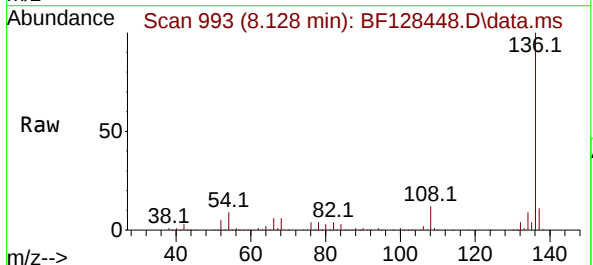
Instrument :
BNA_F
ClientSampleId :
P042-SS001-0006-01

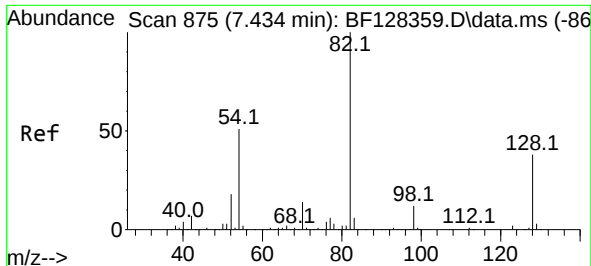
Tgt Ion: 99 Resp: 114168
Ion Ratio Lower Upper
99 100
42 18.2 16.6 24.8
71 34.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

Tgt Ion: 136 Resp: 371123
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 6.8 10.2
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 8.603 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF128448.D

Acq: 24 May 2022 21:39

Instrument :

BNA_F

ClientSampleId :

P042-SS001-0006-01

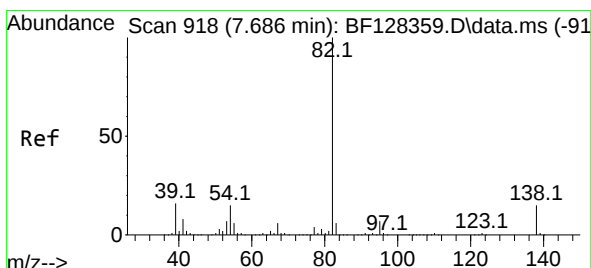
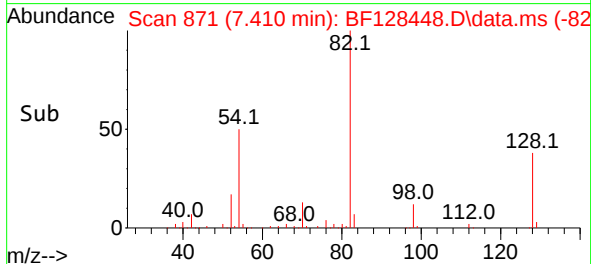
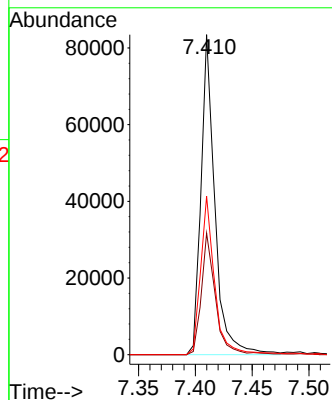
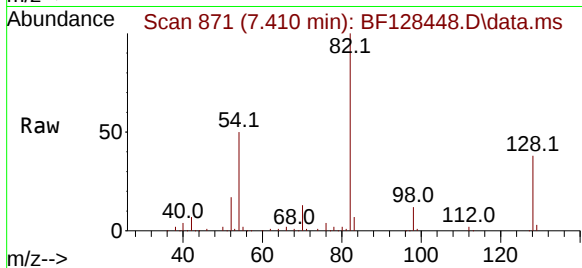
Tgt Ion: 82 Resp: 71257

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 49.6 41.3 61.9



#25

Isophorone

Concen: 5.614 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.265 min

Lab File: BF128448.D

Acq: 24 May 2022 21:39

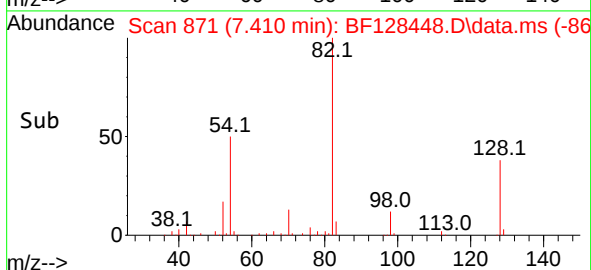
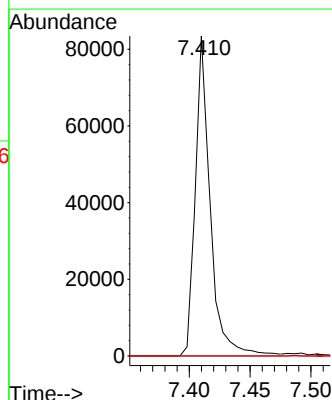
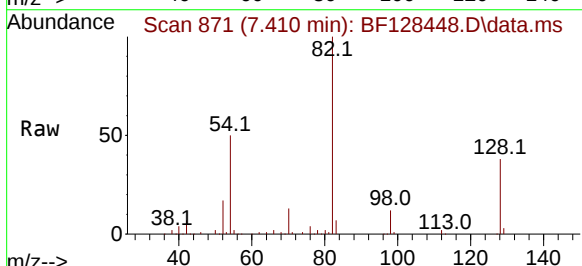
Tgt Ion: 82 Resp: 71256

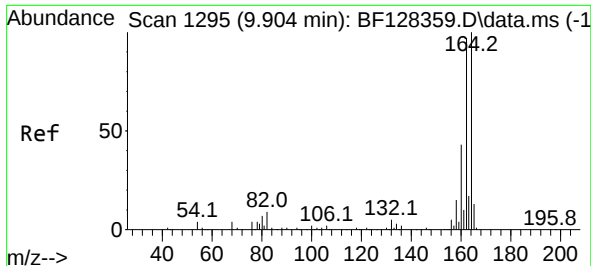
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128448.D

Acq: 24 May 2022 21:39

Instrument :

BNA_F

ClientSampleId :

P042-SS001-0006-01

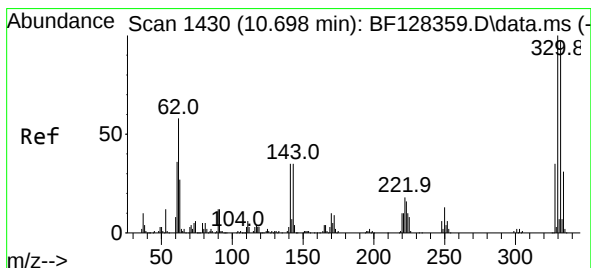
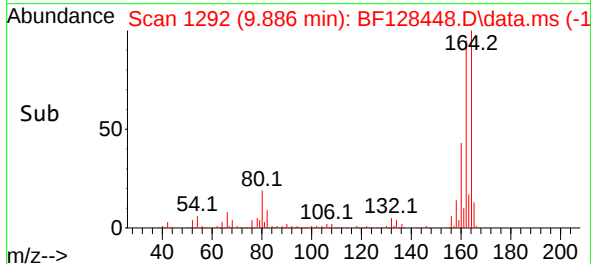
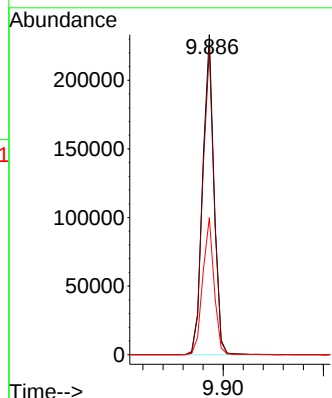
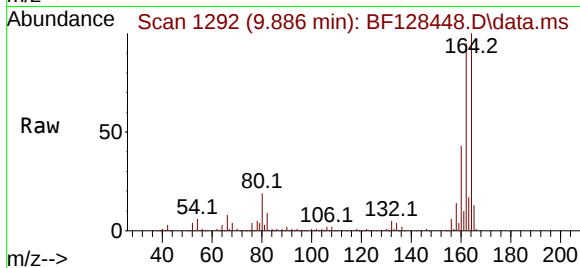
Tgt Ion:164 Resp: 183348

Ion Ratio Lower Upper

164 100

162 95.4 76.0 114.0

160 42.8 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 9.773 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF128448.D

Acq: 24 May 2022 21:39

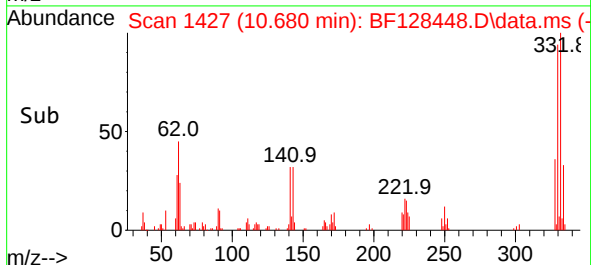
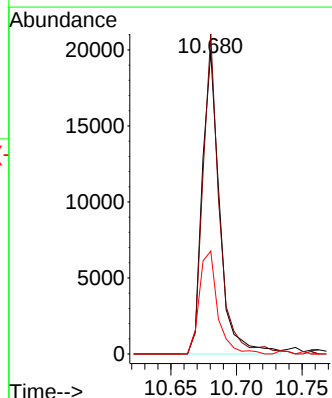
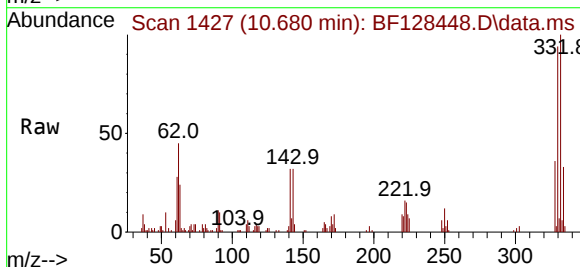
Tgt Ion:330 Resp: 18479

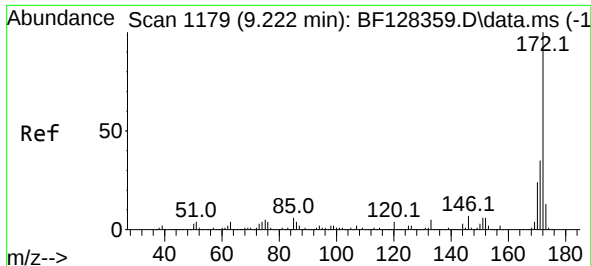
Ion Ratio Lower Upper

330 100

332 99.2 79.0 118.4

141 35.7 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 11.423 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128448.D

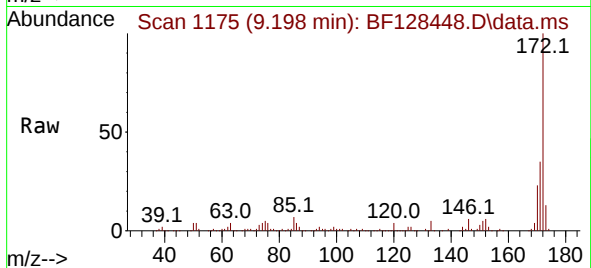
Acq: 24 May 2022 21:39

Instrument :

BNA_F

ClientSampleId :

P042-SS001-0006-01



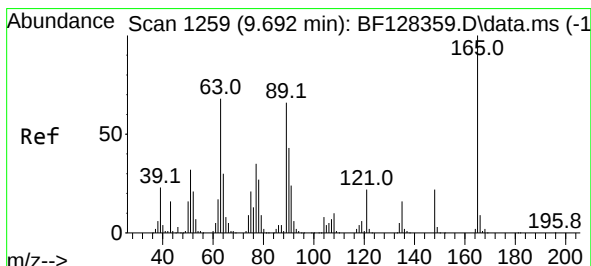
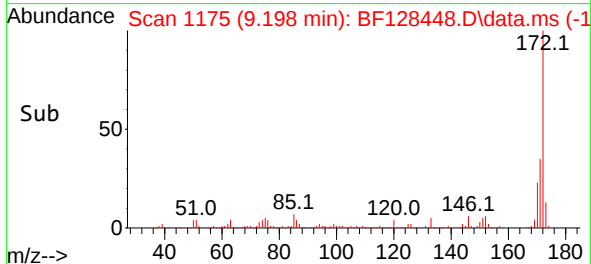
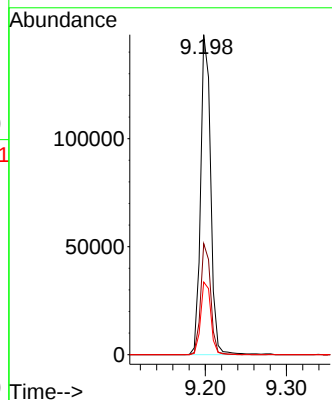
Tgt Ion:172 Resp: 128066

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 22.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.167 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF128448.D

Acq: 24 May 2022 21:39

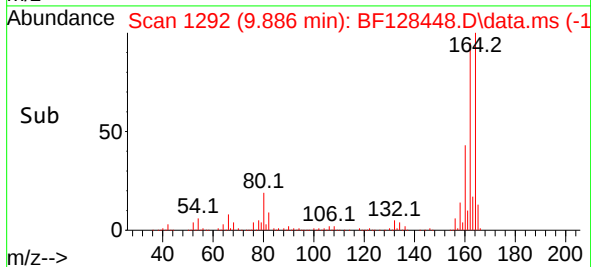
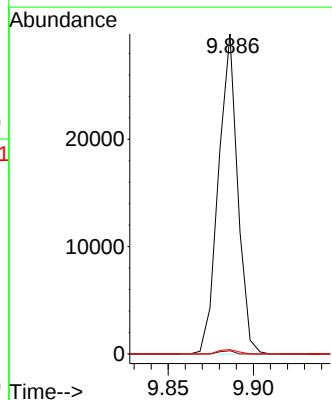
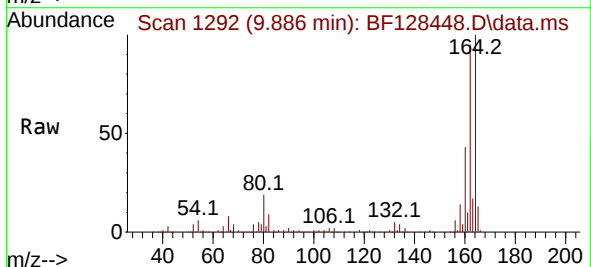
Tgt Ion:165 Resp: 23416

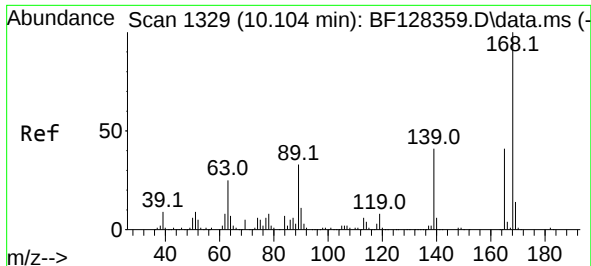
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.3 49.0 73.4#

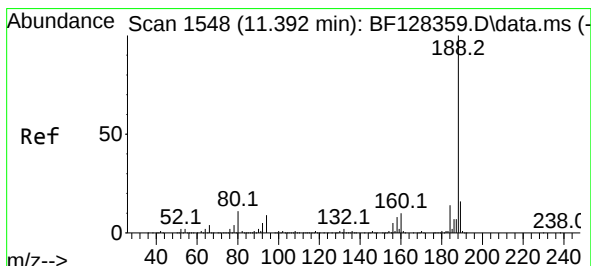
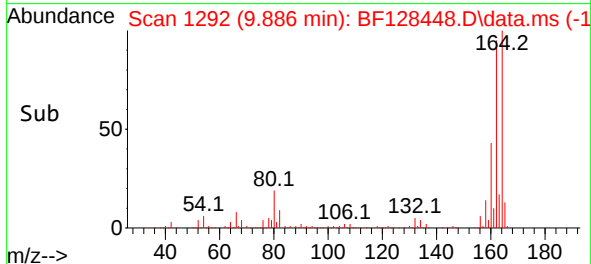
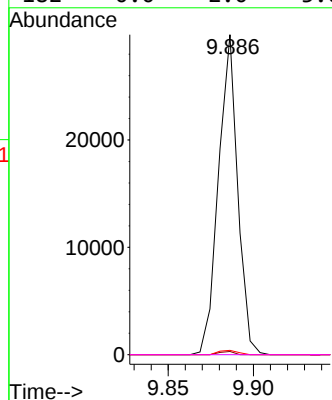
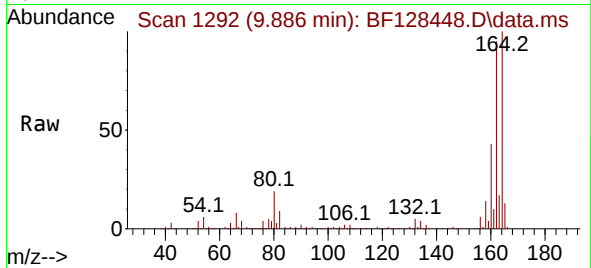




#57
2,4-Dinitrotoluene
Concen: 7.276 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

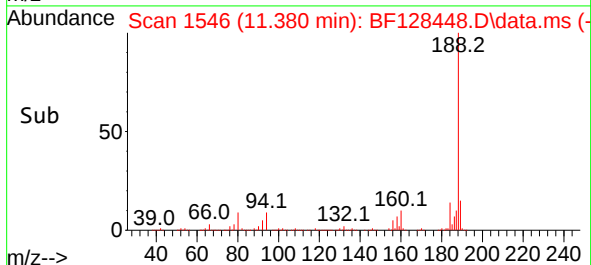
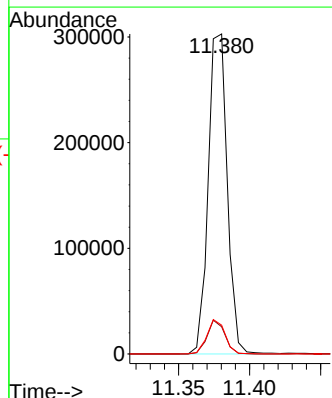
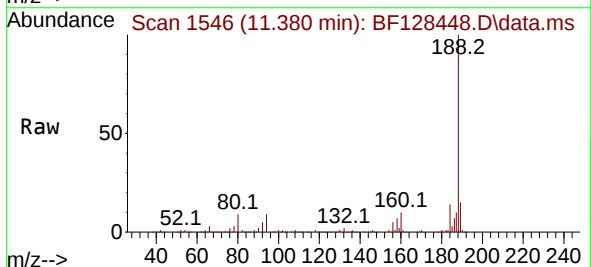
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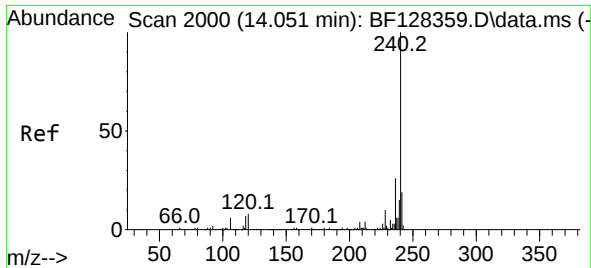
Tgt Ion:165 Resp: 23416
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

Tgt Ion:188 Resp: 282175
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.0 8.9 13.3

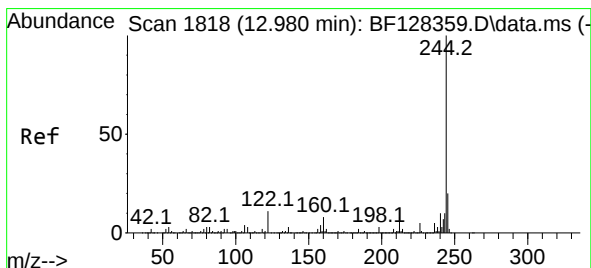
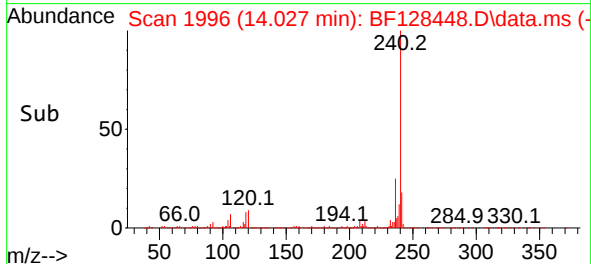
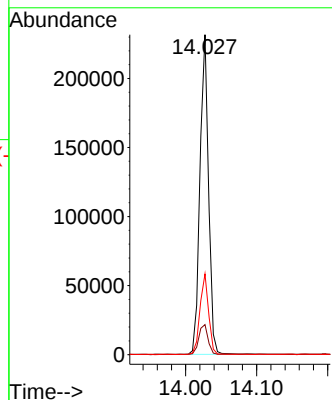
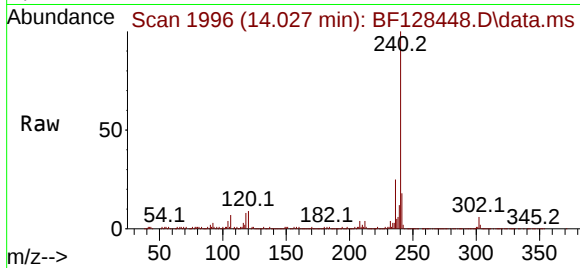




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

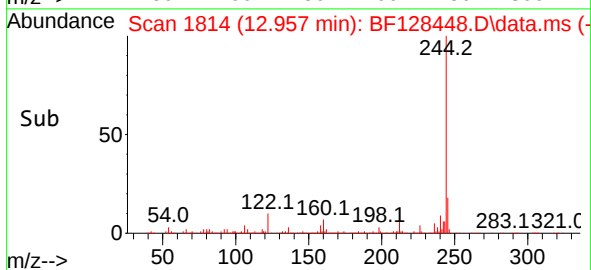
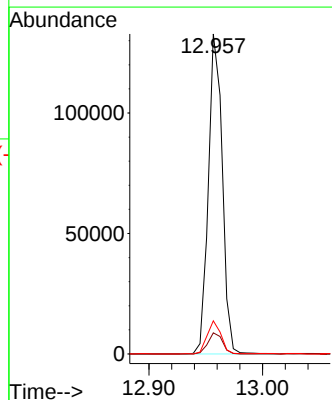
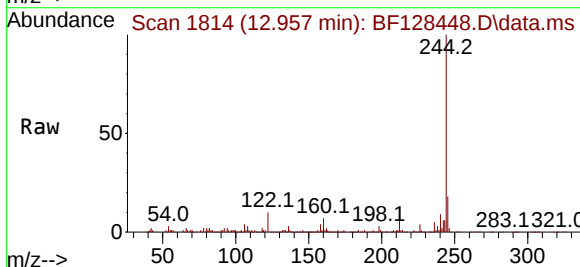
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P042-SS001-0006-01

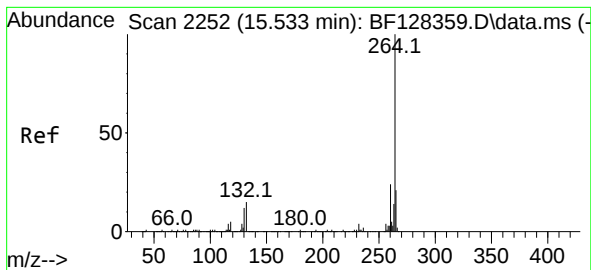
Tgt Ion:240 Resp: 194836
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 11.188 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128448.D
Acq: 24 May 2022 21:39

Tgt Ion:244 Resp: 112922
Ion Ratio Lower Upper
244 100
212 6.6 6.2 9.4
122 10.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128448.D

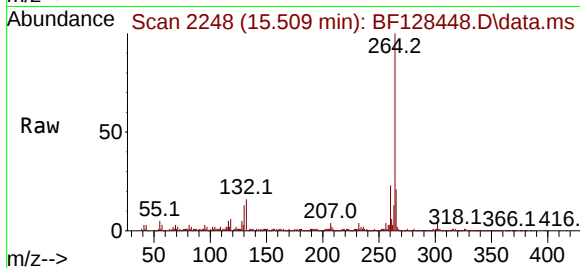
Acq: 24 May 2022 21:39

Instrument :

BNA_F

ClientSampleId :

P042-SS001-0006-01



Tgt Ion:264 Resp: 140782

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 21.0 17.5 26.3

