

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128426.D
 Acq On : 24 May 2022 04:01
 Operator : CG\JU
 Sample : N2876-04 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS011-0006-01

Quant Time: May 24 04:22:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

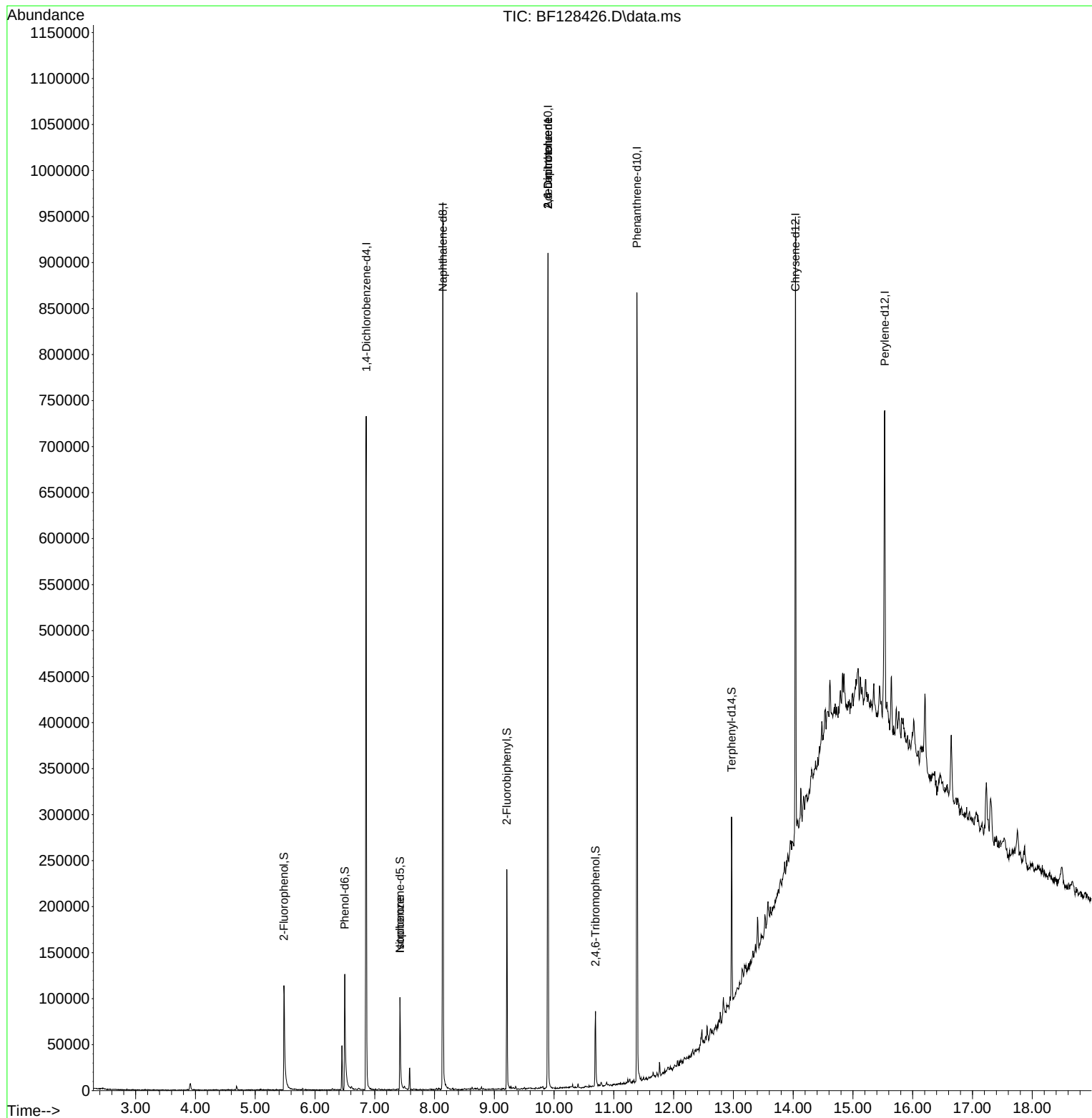
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110138	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	389035	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	189473	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	319481	20.000	ng	0.00
76) Chrysene-d12	14.039	240	224370	20.000	ng	-0.01
86) Perylene-d12	15.533	264	166043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	45694	6.602	ng	0.00
7) Phenol-d6	6.498	99	59460	6.524	ng	0.00
23) Nitrobenzene-d5	7.422	82	35536	4.093	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10684	5.468	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	67973	5.867	ng	-0.01
79) Terphenyl-d14	12.968	244	68647	5.906	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.498	77	53	Below Cal	Qvalue #	3
25) Isophorone	7.422	82	35536	2.671	ng #	68
51) 2,6-Dinitrotoluene	9.898	165	23878	9.046	ng #	21
57) 2,4-Dinitrotoluene	9.898	165	23878	7.180	ng #	26

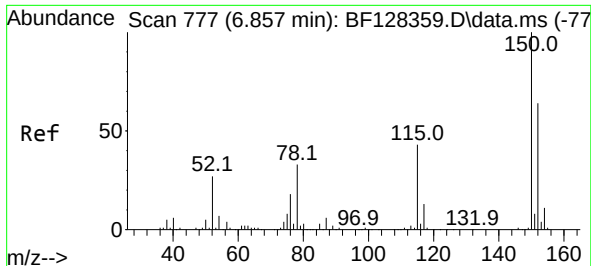
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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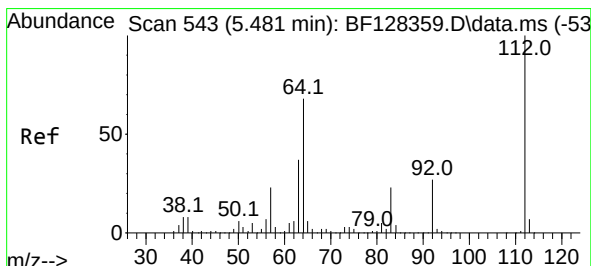
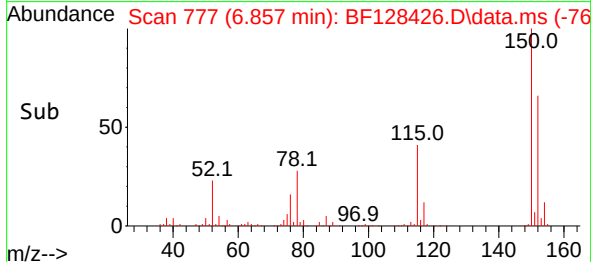
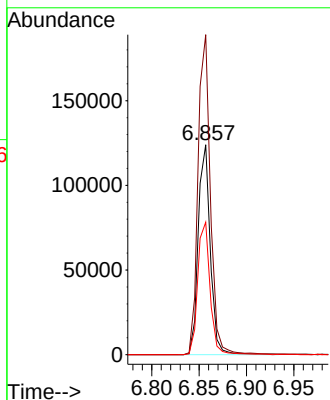
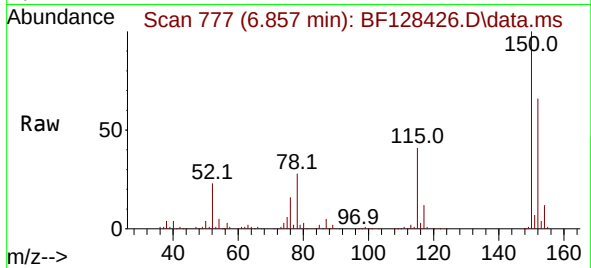




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

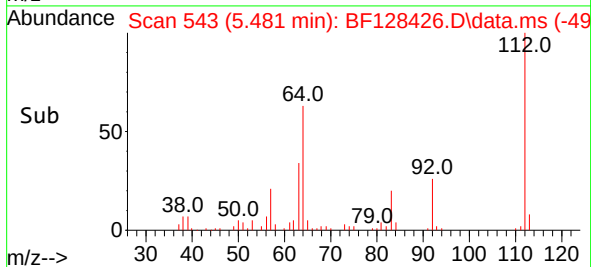
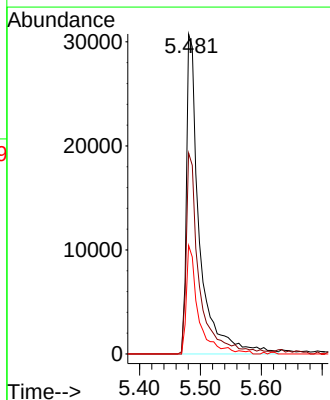
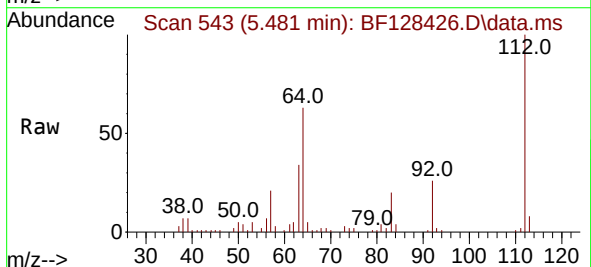
Instrument :
BNA_F
ClientSampleId :
P007-SS011-0006-01

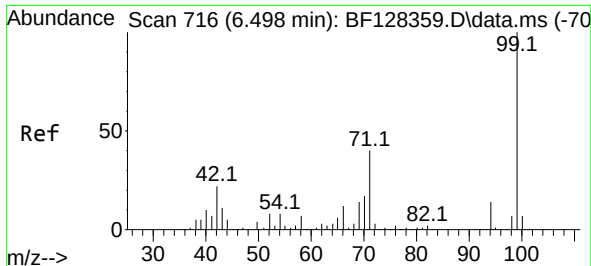
Tgt Ion:152 Resp: 110138
Ion Ratio Lower Upper
152 100
150 152.4 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 6.602 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

Tgt Ion:112 Resp: 45694
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 33.9 26.3 39.5

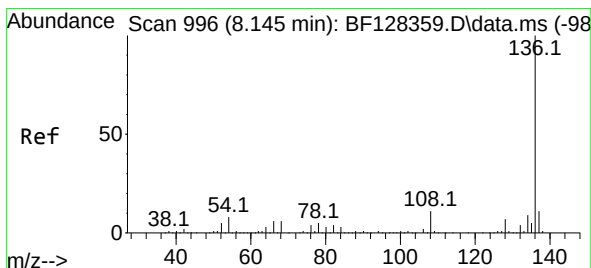
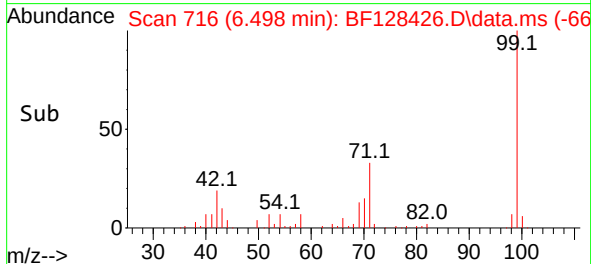
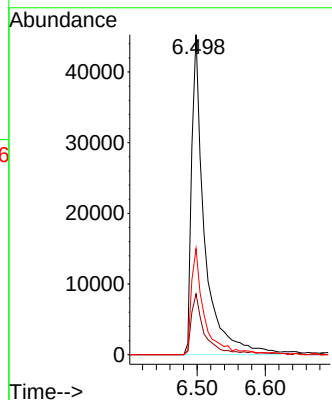
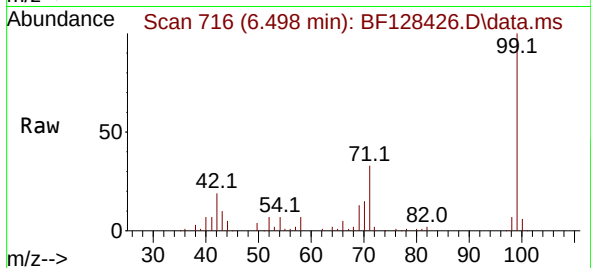




#7
Phenol-d6
Concen: 6.524 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

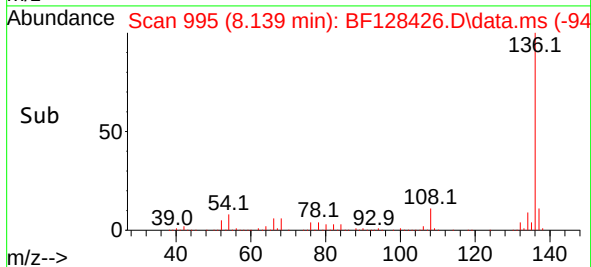
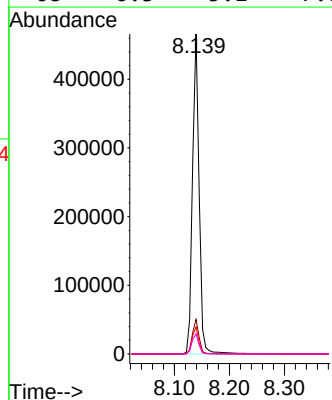
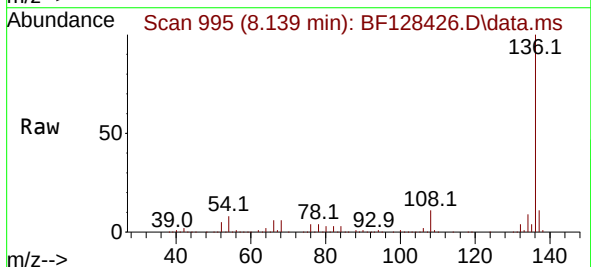
Instrument :
BNA_F
ClientSampleId :
P007-SS011-0006-01

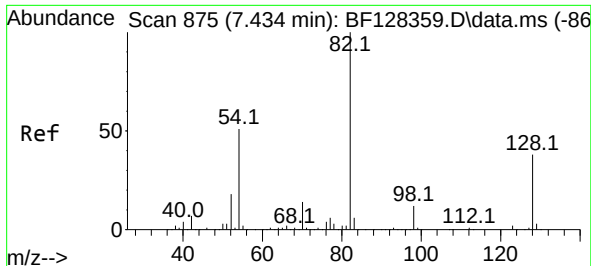
Tgt Ion: 99 Resp: 59460
Ion Ratio Lower Upper
99 100
42 19.0 16.6 24.8
71 33.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

Tgt Ion: 136 Resp: 389035
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.8 10.2
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 4.093 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

Instrument :

BNA_F

ClientSampleId :

P007-SS011-0006-01

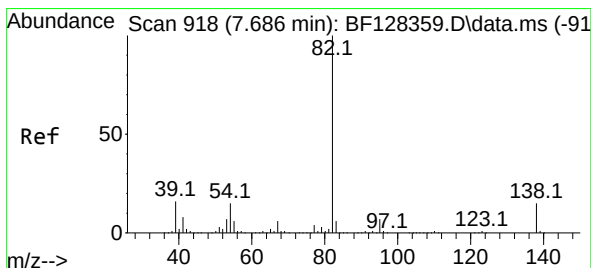
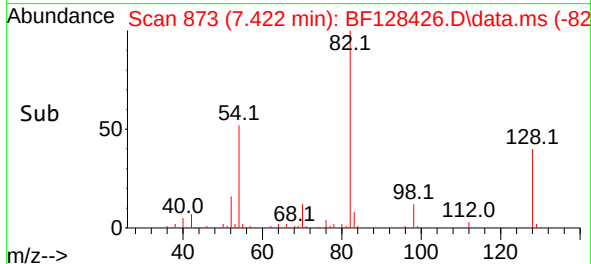
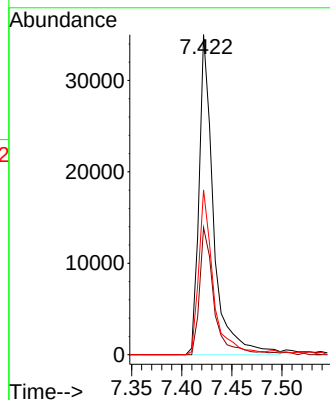
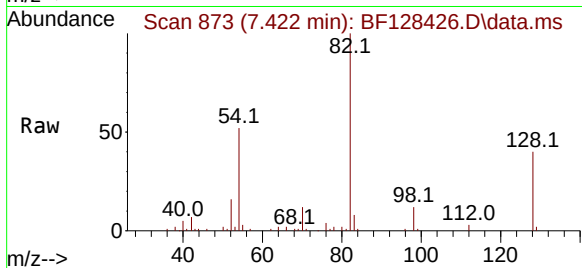
Tgt Ion: 82 Resp: 35536

Ion Ratio Lower Upper

82 100

128 39.8 30.0 45.0

54 51.5 41.3 61.9



#25

Isophorone

Concen: 2.671 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.265 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

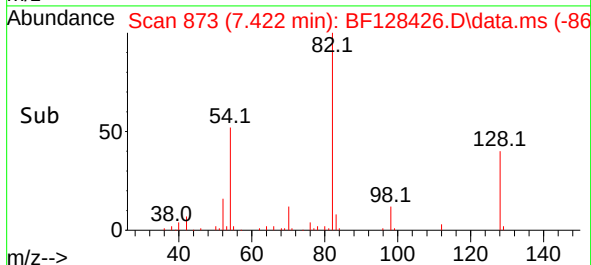
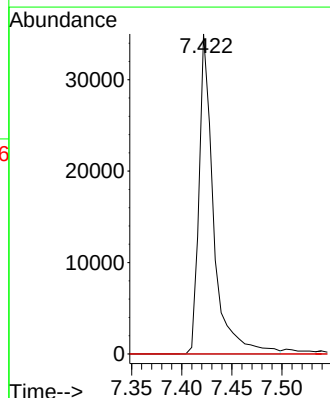
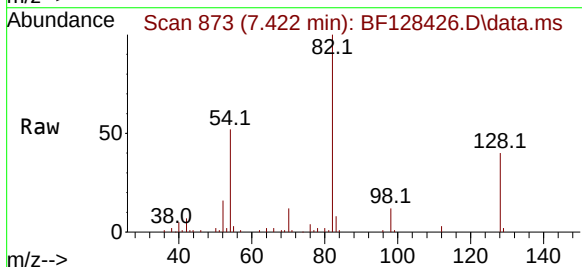
Tgt Ion: 82 Resp: 35536

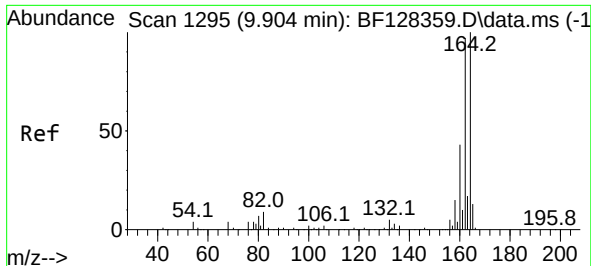
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

Instrument :

BNA_F

ClientSampleId :

P007-SS011-0006-01

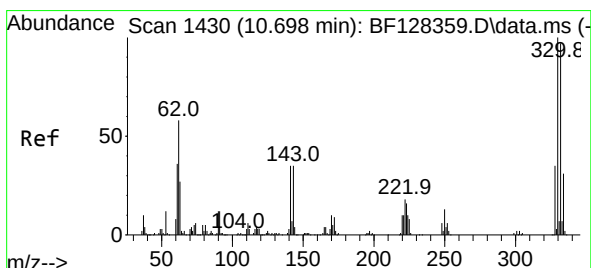
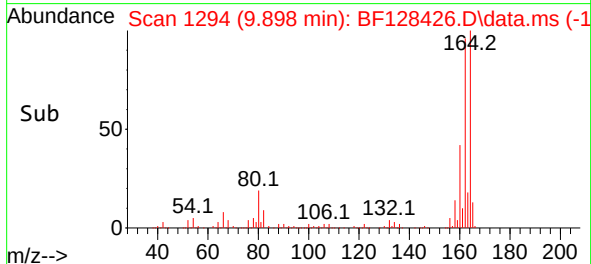
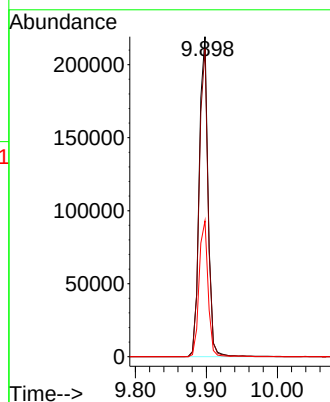
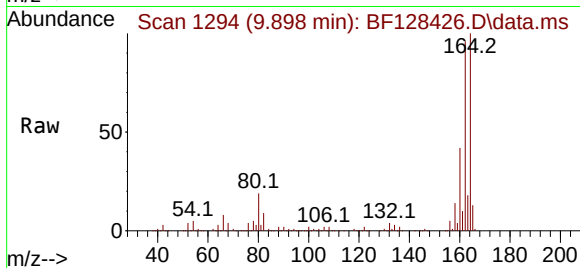
Tgt Ion:164 Resp: 189473

Ion Ratio Lower Upper

164 100

162 96.2 76.0 114.0

160 42.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 5.468 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

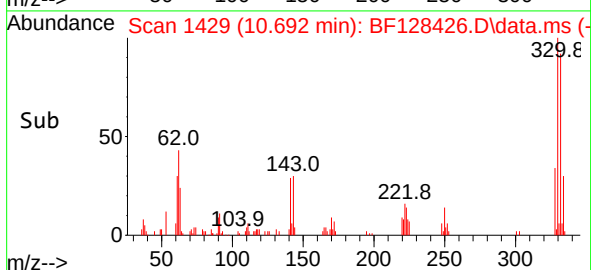
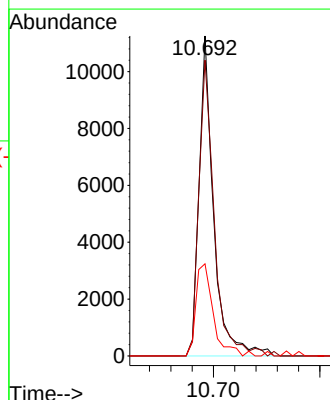
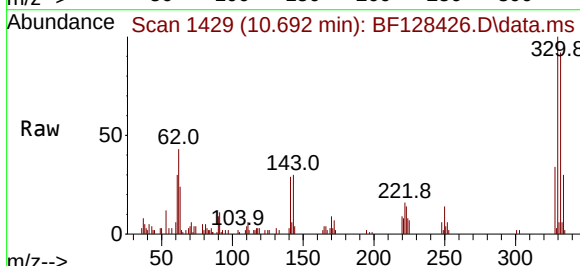
Tgt Ion:330 Resp: 10684

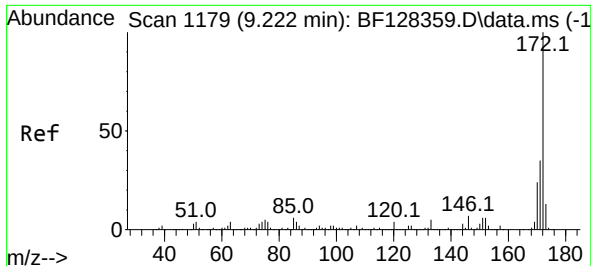
Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

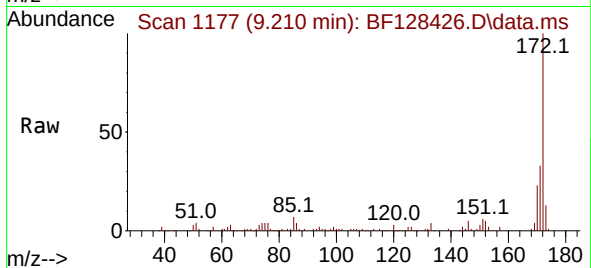
141 34.5 28.9 43.3



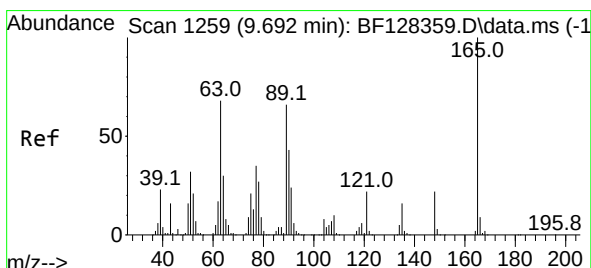
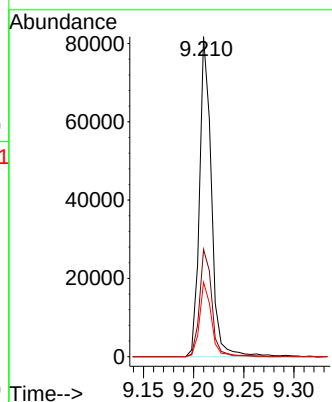
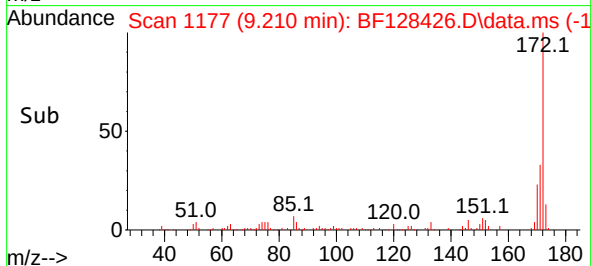


#45
2-Fluorobiphenyl
Concen: 5.867 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

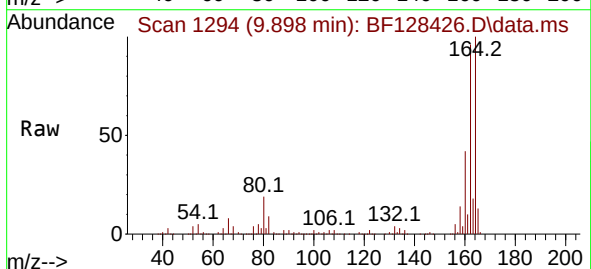
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P007-SS011-0006-01



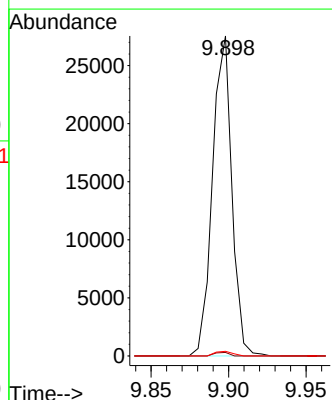
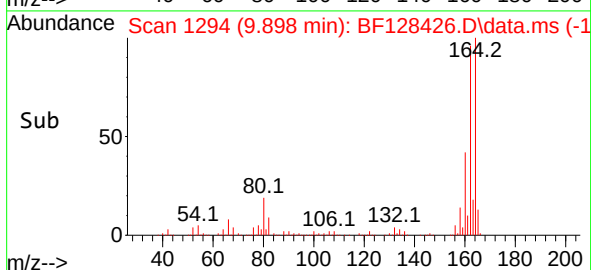
Tgt Ion:172 Resp: 67973
Ion Ratio Lower Upper
172 100
171 33.5 28.6 42.8
170 23.2 19.1 28.7

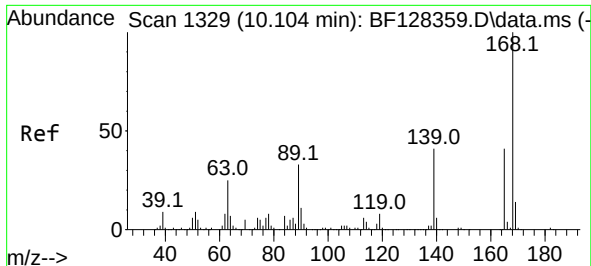


#51
2,6-Dinitrotoluene
Concen: 9.046 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01



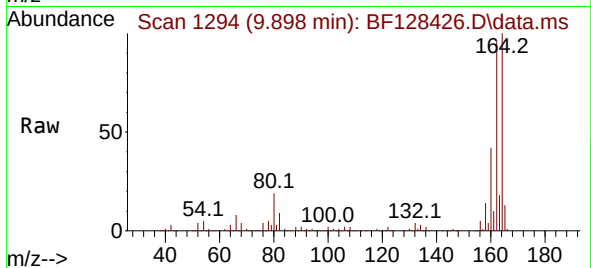
Tgt Ion:165 Resp: 23878
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



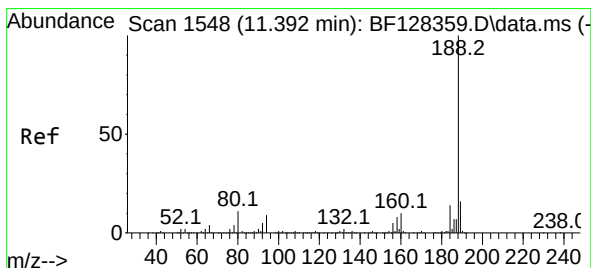
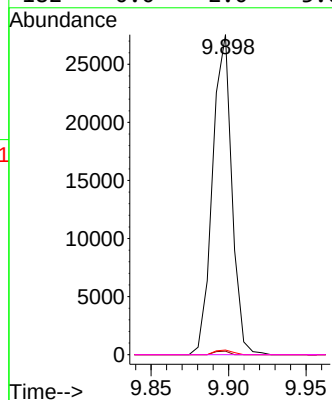
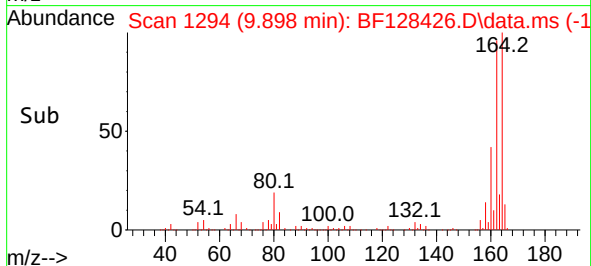


#57
2,4-Dinitrotoluene
Concen: 7.180 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

Instrument :
BNA_F
ClientSampleId :
P007-SS011-0006-01

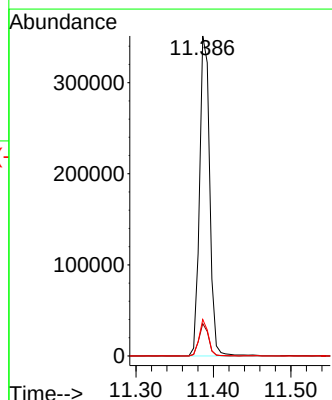
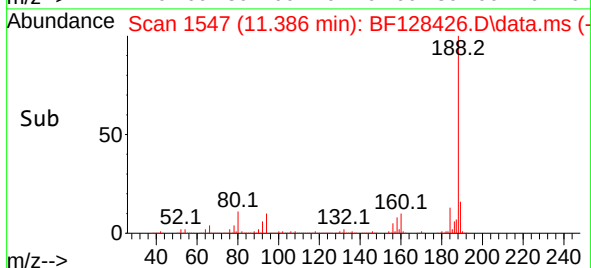
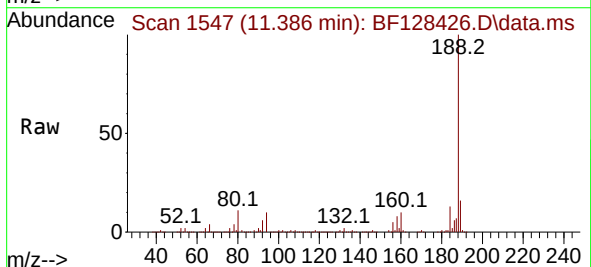


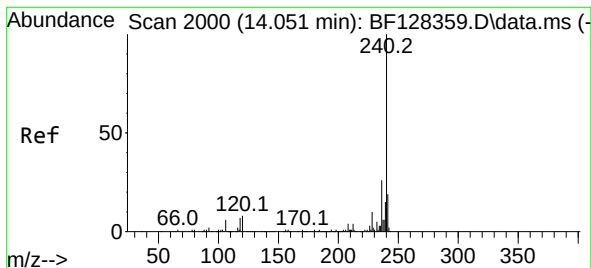
Tgt Ion:165 Resp: 23878
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF128426.D
Acq: 24 May 2022 04:01

Tgt Ion:188 Resp: 319481
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.4 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

Instrument :

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ClientSampleId :

P007-SS011-0006-01

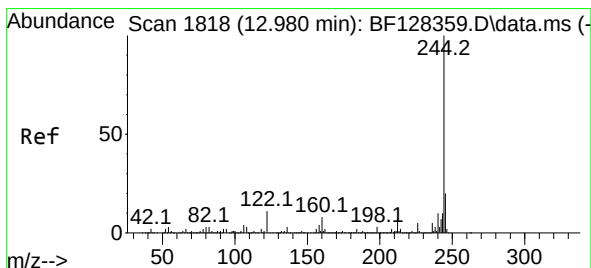
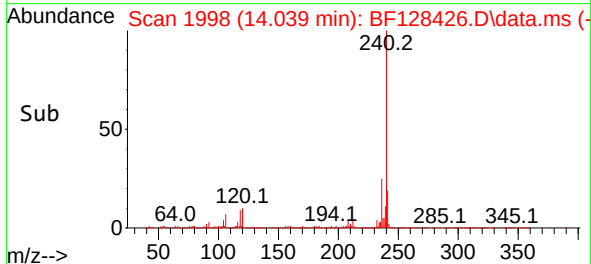
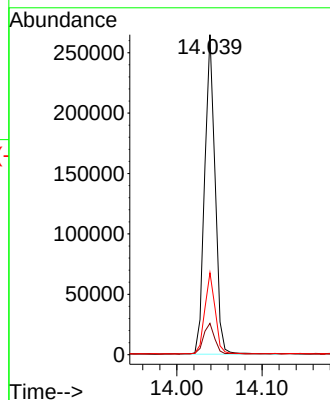
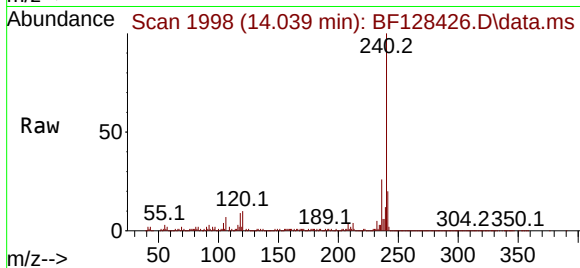
Tgt Ion:240 Resp: 224370

Ion Ratio Lower Upper

240 100

120 9.8 7.0 10.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 5.906 ng

RT: 12.968 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF128426.D

Acq: 24 May 2022 04:01

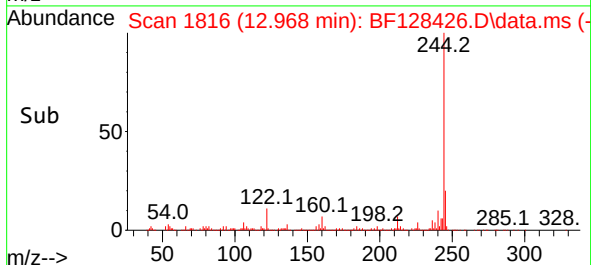
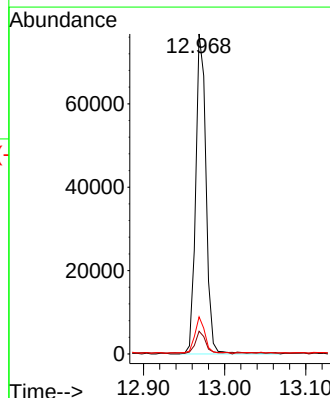
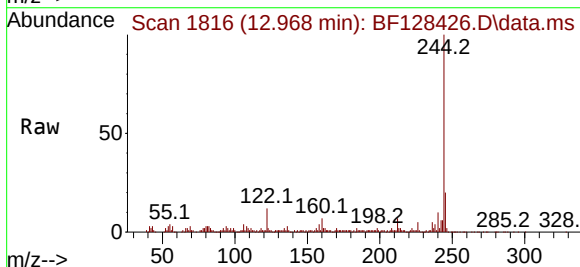
Tgt Ion:244 Resp: 68647

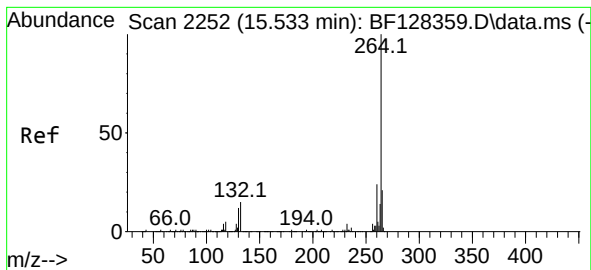
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.6 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128426.D

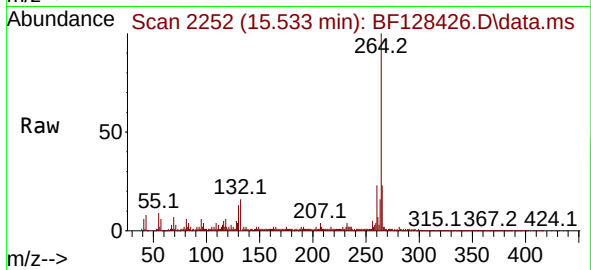
Acq: 24 May 2022 04:01

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Tgt Ion:264 Resp: 166043

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

265 22.7 17.5 26.3

