

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128304.D
 Acq On : 17 May 2022 21:38
 Operator : CG\JU
 Sample : N2863-06 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS004-0006-01

Quant Time: May 18 01:35:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

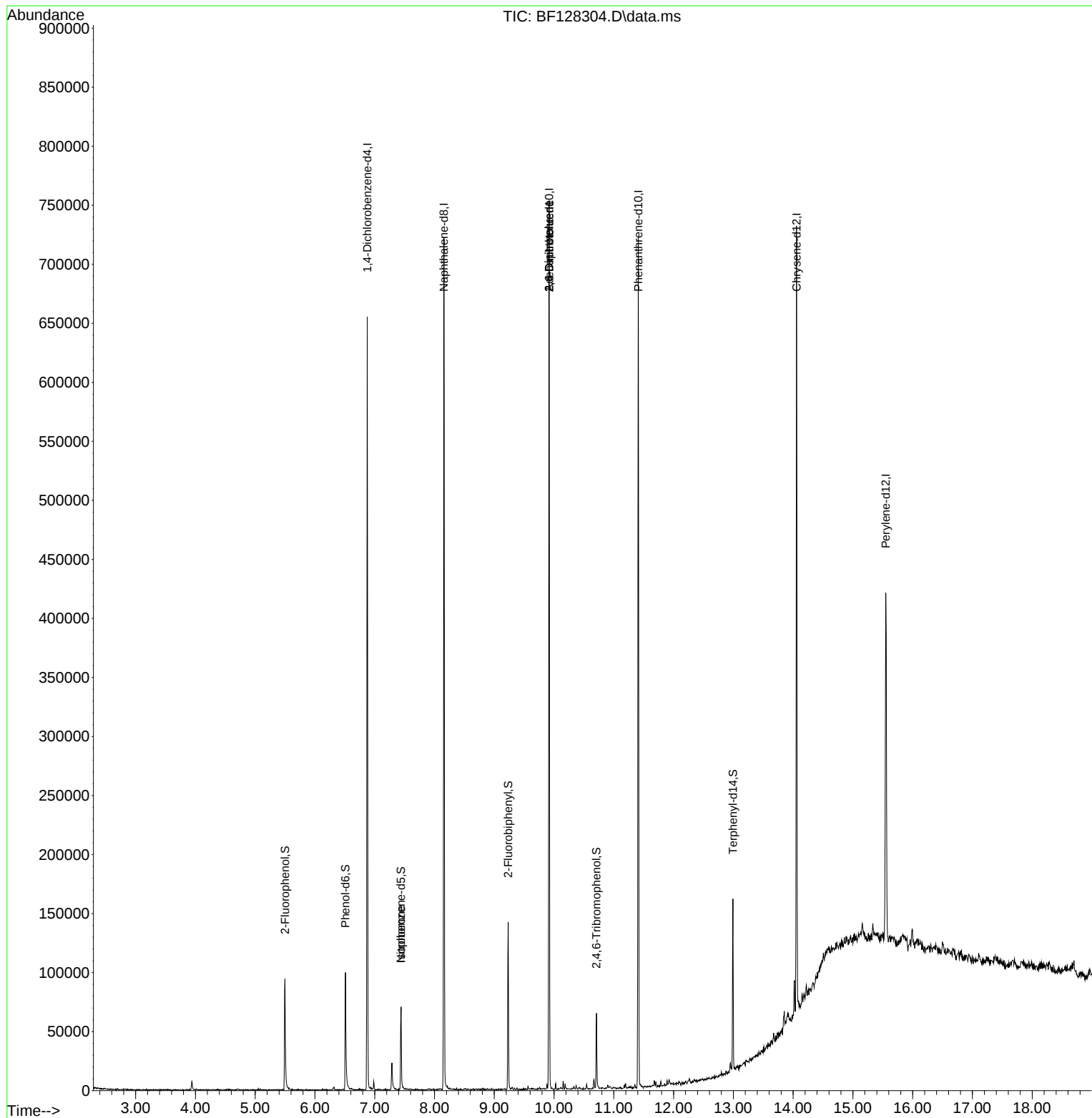
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81353	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	292592	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	142094	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	243272	20.000	ng	0.00
76) Chrysene-d12	14.057	240	207505	20.000	ng	0.00
86) Perylene-d12	15.551	264	130878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	28135	5.513	ng	0.00
7) Phenol-d6	6.510	99	36010	5.335	ng	0.00
23) Nitrobenzene-d5	7.440	82	22596	3.475	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	7129	4.375	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	39820	4.385	ng	0.00
79) Terphenyl-d14	12.992	244	43707	3.952	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.440	82	22596	2.217	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	17390	8.645	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	17390	6.466	ng	# 27

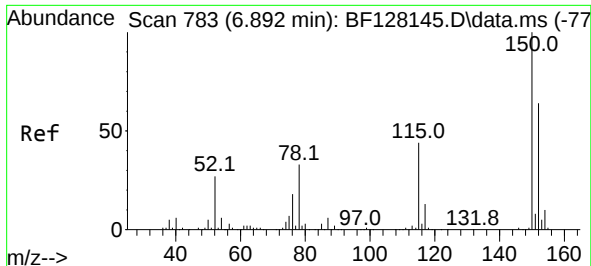
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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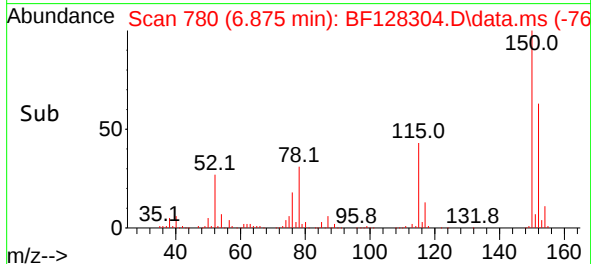
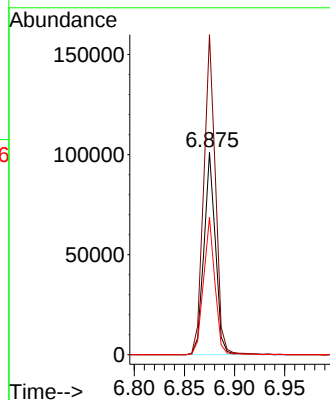
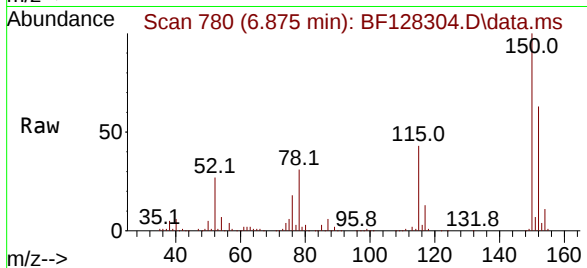




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128304.D
 Acq: 17 May 2022 21:38

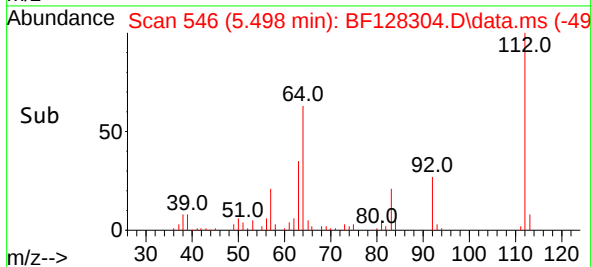
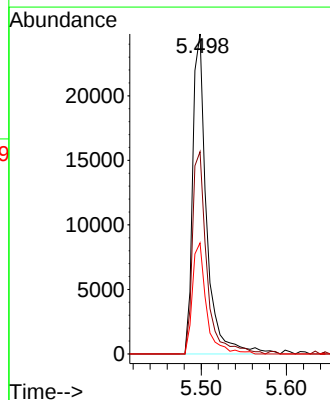
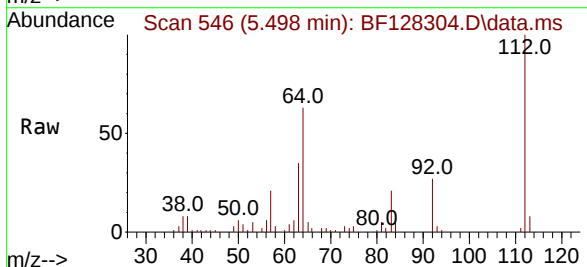
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS004-0006-01

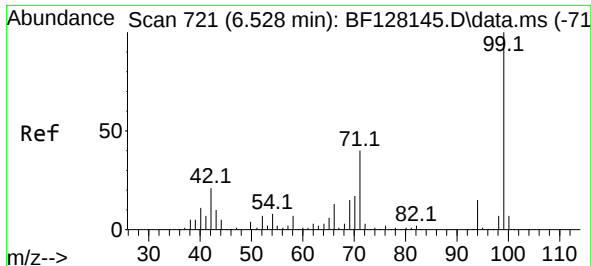
Tgt Ion:152 Resp: 81353
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 67.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 5.513 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF128304.D
 Acq: 17 May 2022 21:38

Tgt Ion:112 Resp: 28135
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.5 74.3
 63 34.7 26.3 39.5

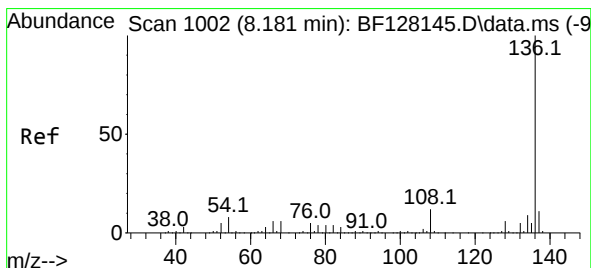
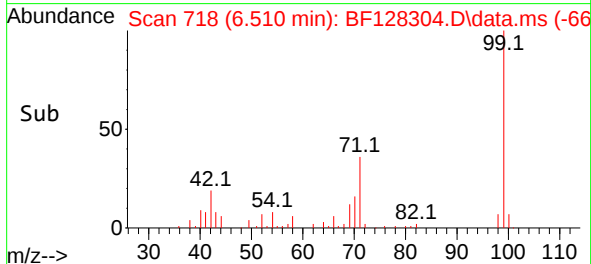
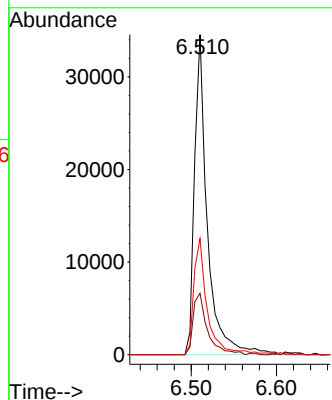
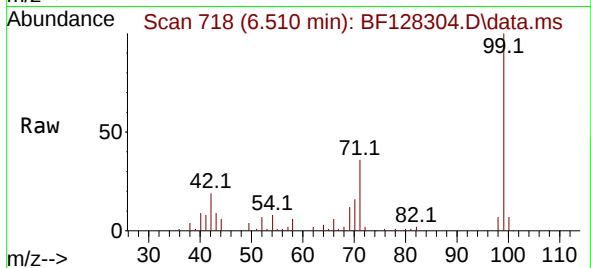




#7
Phenol-d6
Concen: 5.335 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

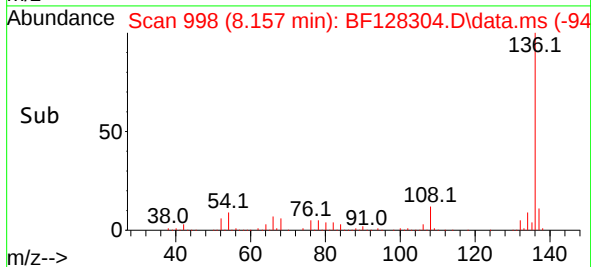
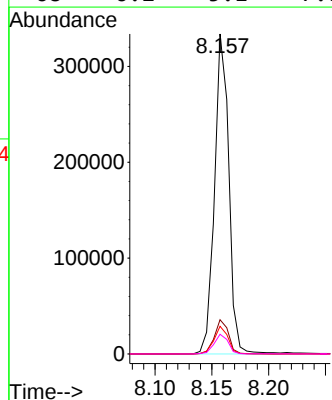
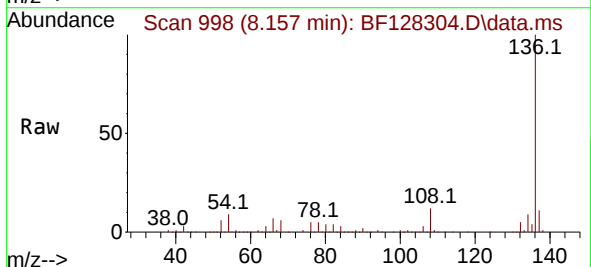
Instrument :
BNA_F
ClientSampleId :
P003-SS004-0006-01

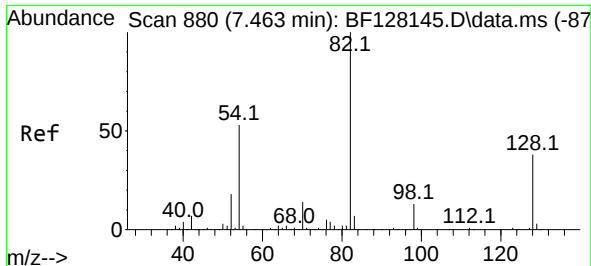
Tgt Ion: 99 Resp: 36010
Ion Ratio Lower Upper
99 100
42 19.1 16.6 24.8
71 36.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

Tgt Ion: 136 Resp: 292592
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 6.2 5.1 7.7

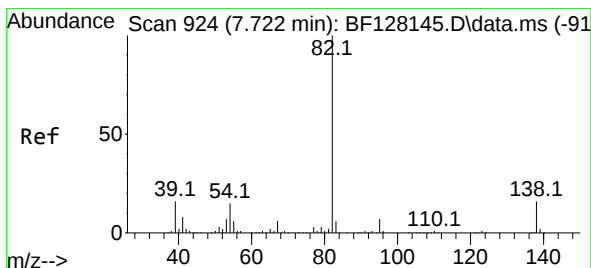
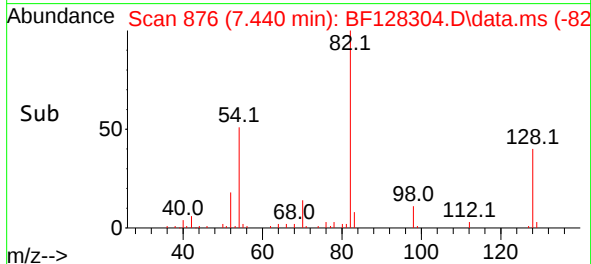
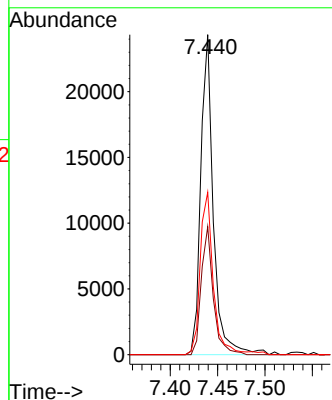
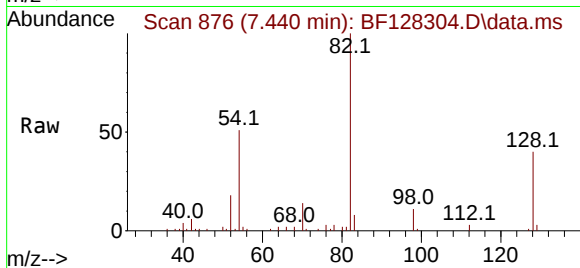




#23
Nitrobenzene-d5
Concen: 3.475 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

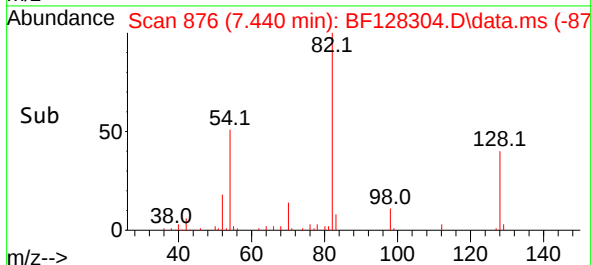
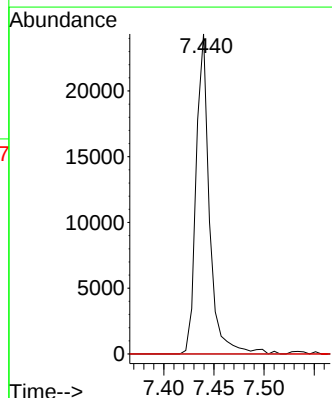
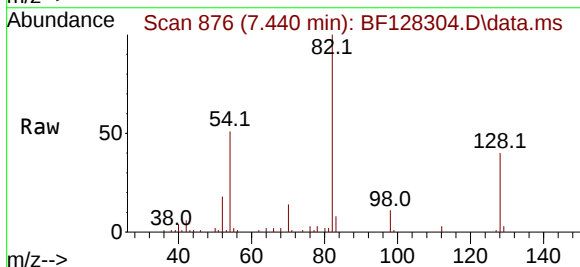
Instrument :
BNA_F
ClientSampleId :
P003-SS004-0006-01

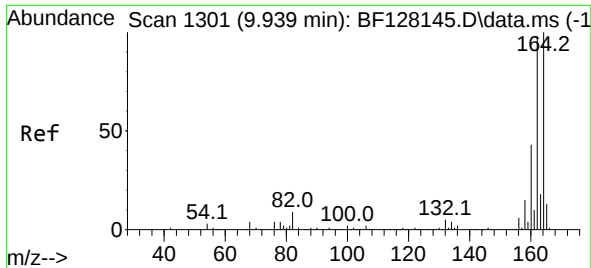
Tgt Ion: 82 Resp: 22596
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 50.8 41.3 61.9



#25
Isophorone
Concen: 2.217 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

Tgt Ion: 82 Resp: 22596
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#

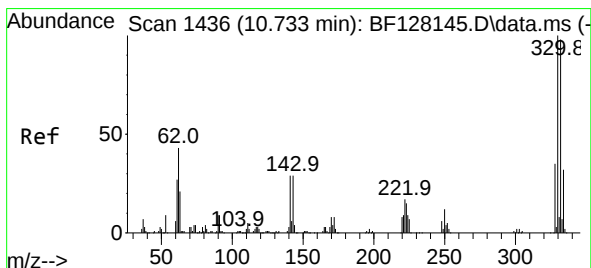
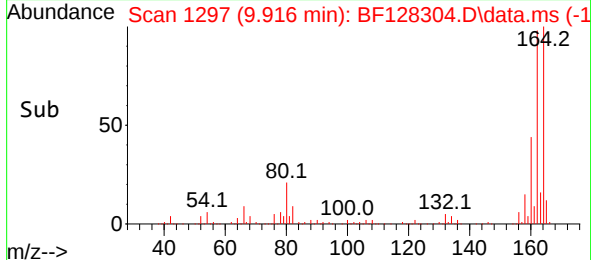
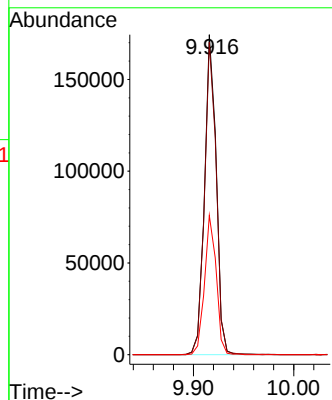
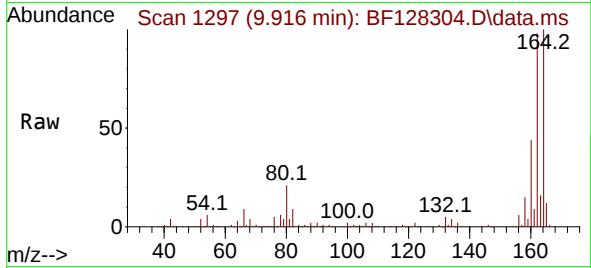




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

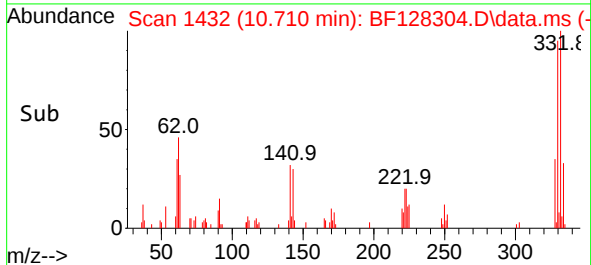
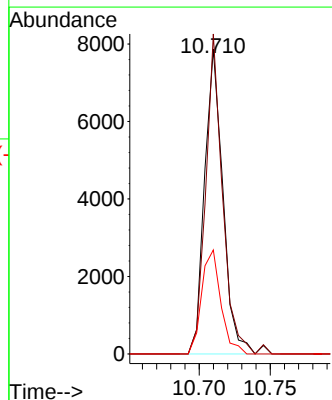
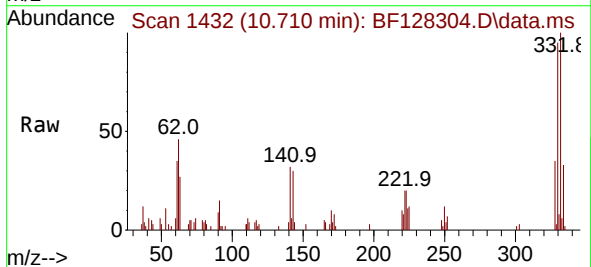
Instrument :
BNA_F
ClientSampleId :
P003-SS004-0006-01

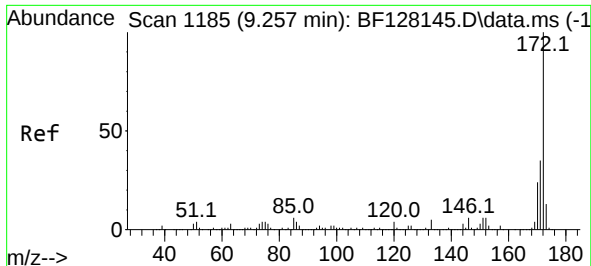
Tgt Ion:164 Resp: 142094
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 4.375 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

Tgt Ion:330 Resp: 7129
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 35.5 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 4.385 ng

RT: 9.234 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF128304.D

Acq: 17 May 2022 21:38

Instrument :

BNA_F

ClientSampleId :

P003-SS004-0006-01

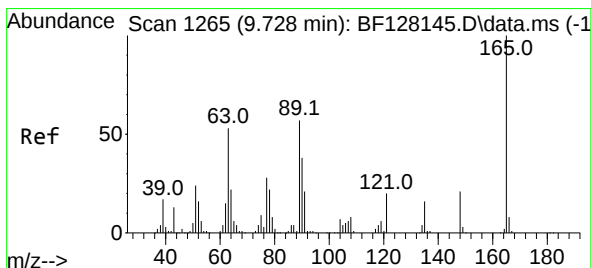
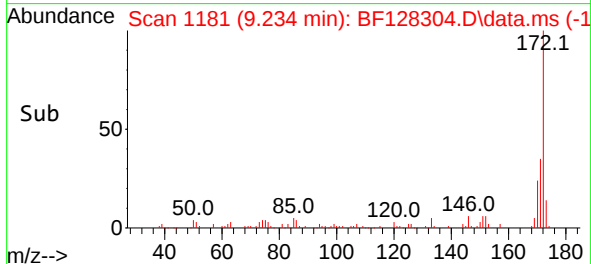
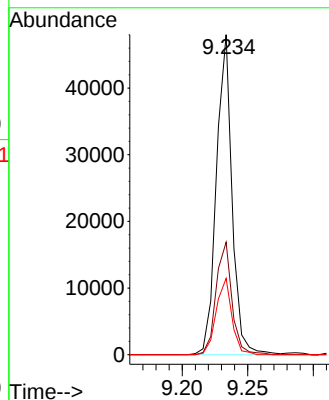
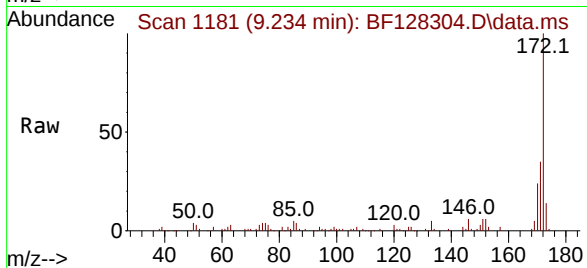
Tgt Ion:172 Resp: 39820

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.645 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.206 min

Lab File: BF128304.D

Acq: 17 May 2022 21:38

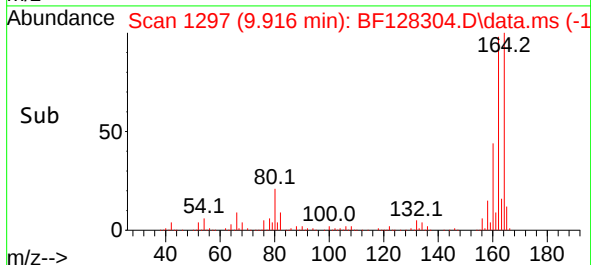
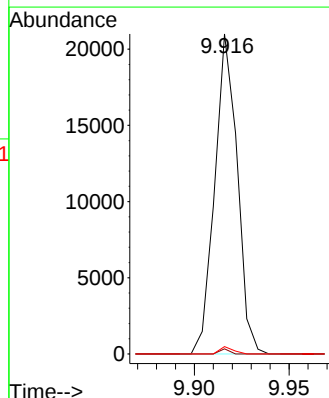
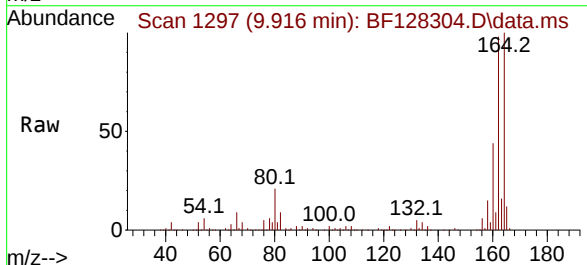
Tgt Ion:165 Resp: 17390

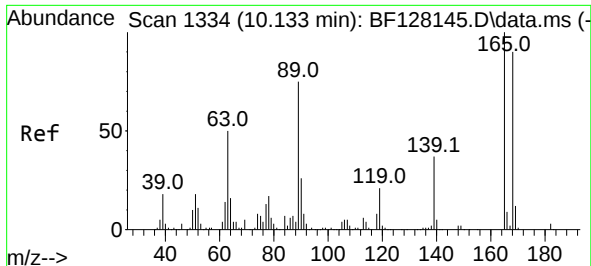
Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 2.3 49.0 73.4#

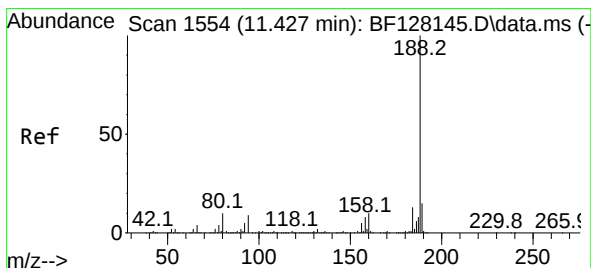
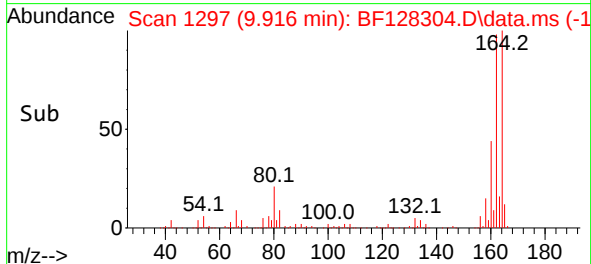
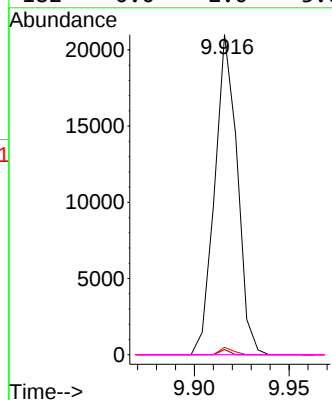
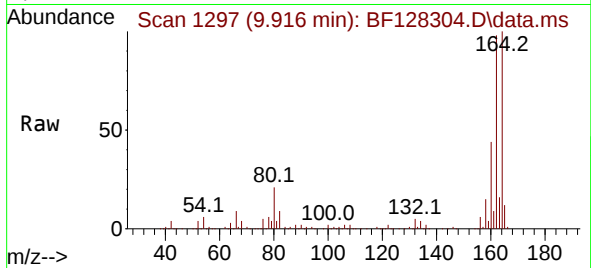




#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

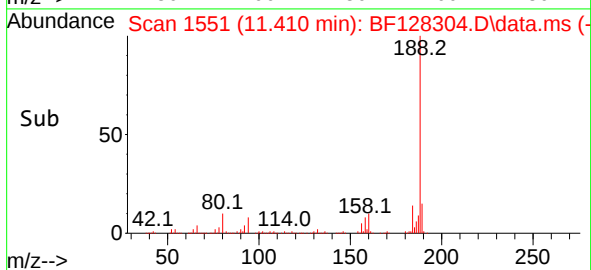
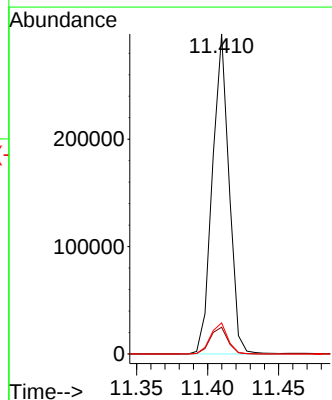
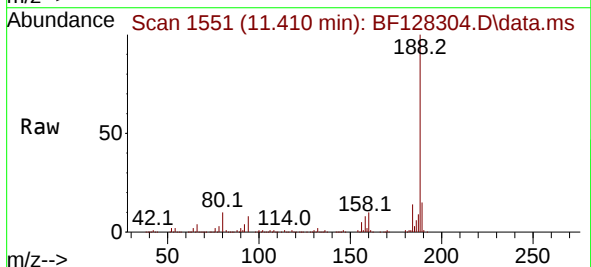
Instrument :
BNA_F
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P003-SS004-0006-01

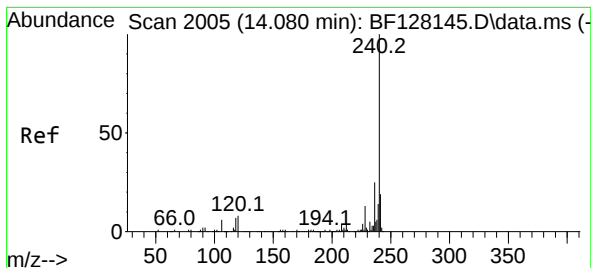
Tgt Ion:165 Resp: 17390
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 2.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

Tgt Ion:188 Resp: 243272
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.7 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128304.D

Acq: 17 May 2022 21:38

Instrument :

BNA_F

ClientSampleId :

P003-SS004-0006-01

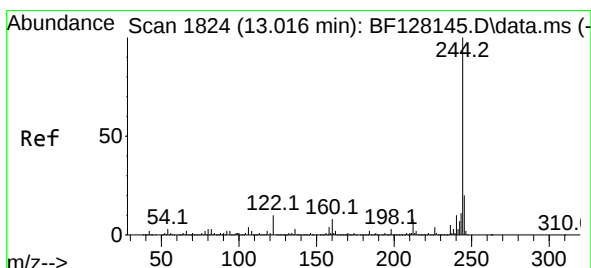
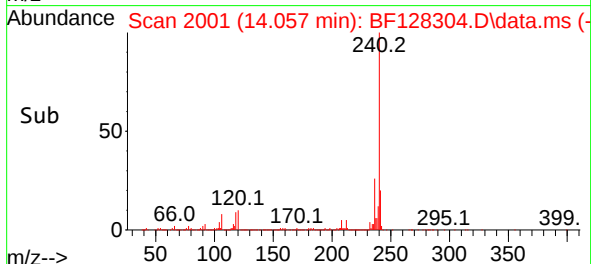
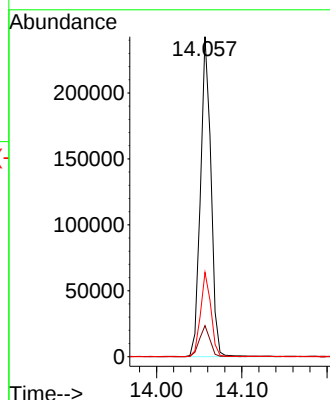
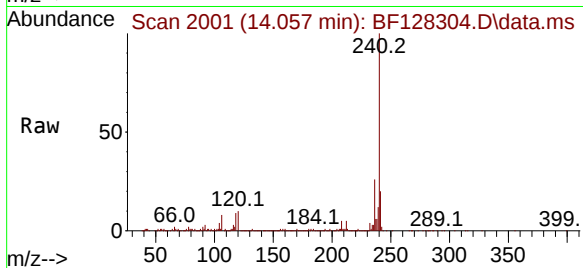
Tgt Ion:240 Resp: 207505

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

236 26.4 20.3 30.5



#79

Terphenyl-d14

Concen: 3.952 ng

RT: 12.992 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF128304.D

Acq: 17 May 2022 21:38

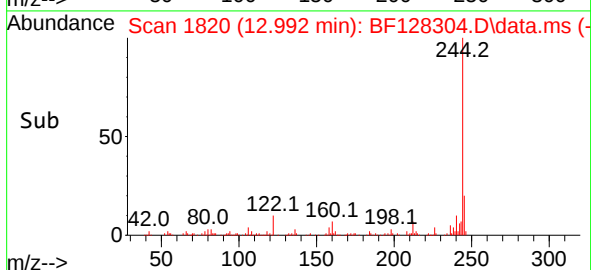
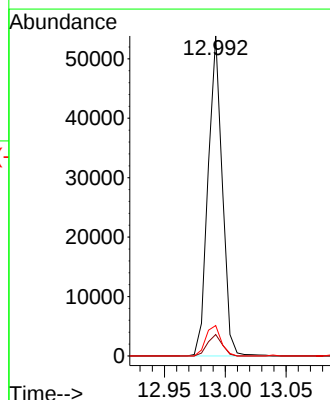
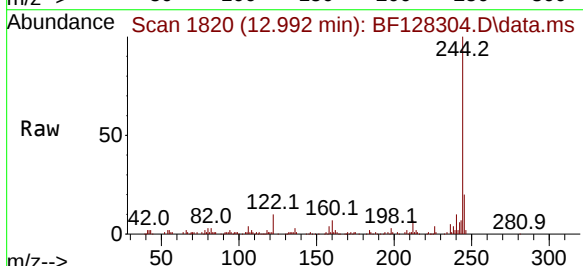
Tgt Ion:244 Resp: 43707

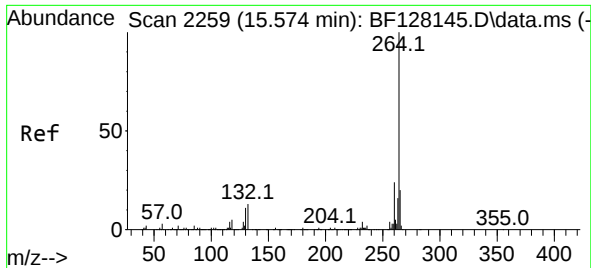
Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

122 9.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128304.D
Acq: 17 May 2022 21:38

Instrument :
BNA_F
ClientSampleId :
P003-SS004-0006-01

Tgt Ion:264 Resp: 130878

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	21.3	17.5	26.3

