

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128279.D
 Acq On : 16 May 2022 20:45
 Operator : CG\JU
 Sample : N2851-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051322

Quant Time: May 17 06:23:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

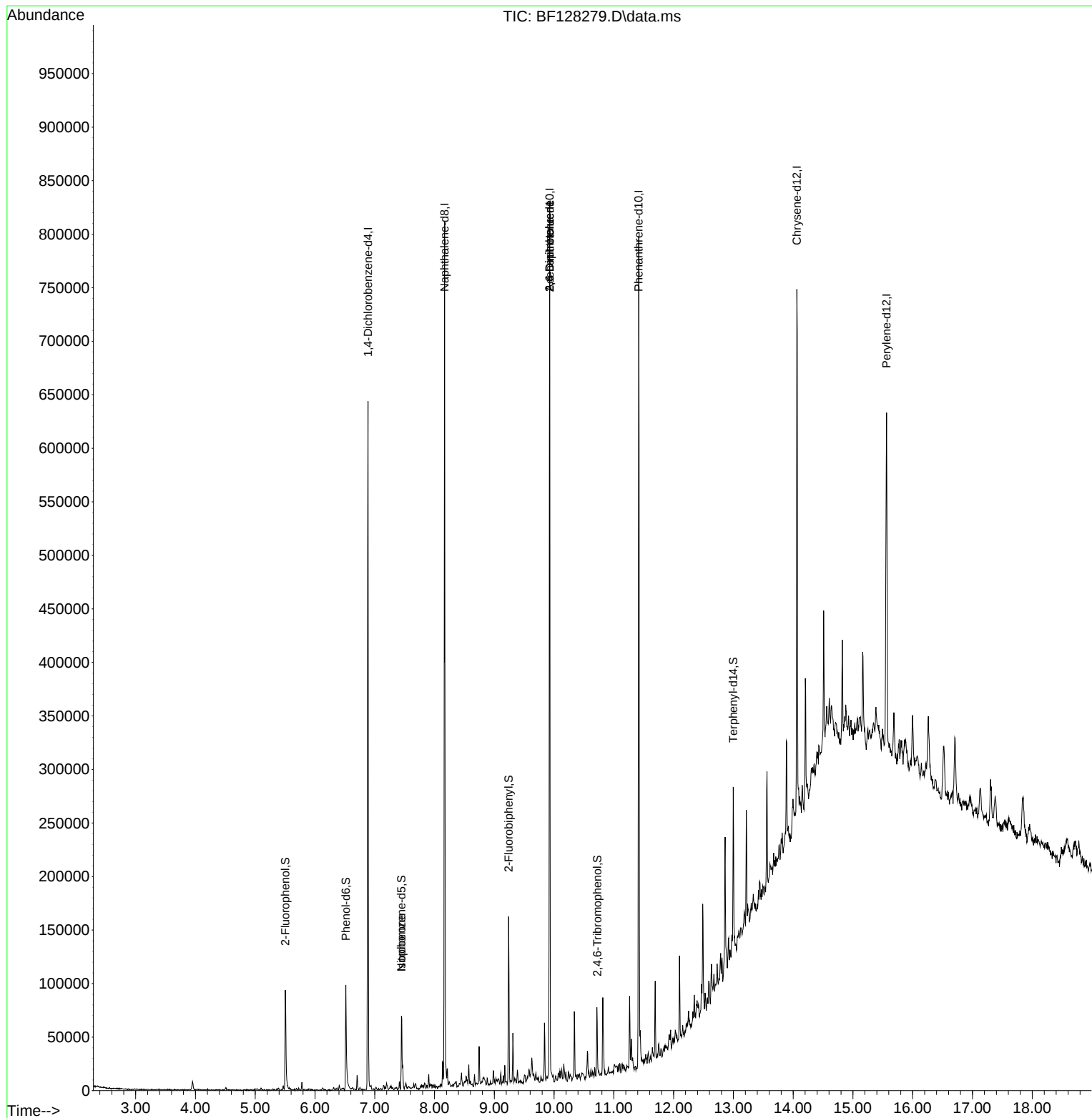
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	85334	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	300710	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	150484	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	268068	20.000	ng	0.00
76) Chrysene-d12	14.063	240	177648	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	126963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	28255	5.278	ng	0.00
7) Phenol-d6	6.516	99	37239	5.260	ng	-0.01
23) Nitrobenzene-d5	7.445	82	24601	3.681	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	7578	4.391	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	43015	4.473	ng	-0.01
79) Terphenyl-d14	12.998	244	44803	4.732	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.469	77	143	Below Cal	Qvalue	# 3
25) Isophorone	7.445	82	24600	2.348	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	20039	9.407	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	20039	7.035	ng	# 26

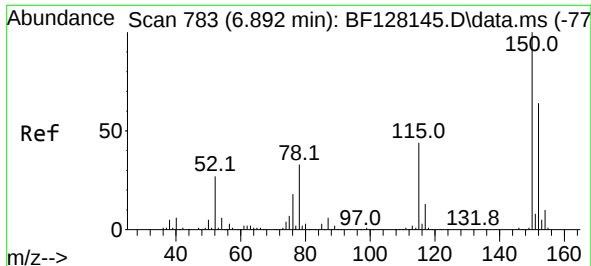
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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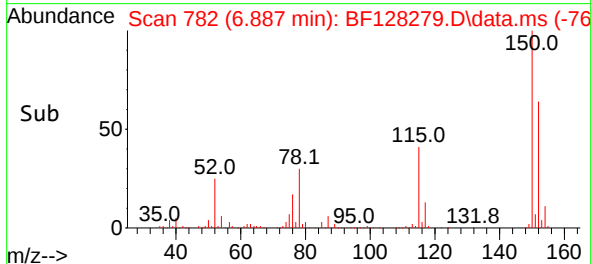
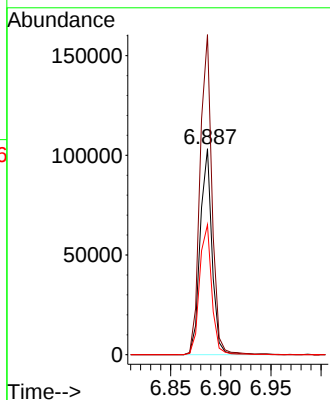
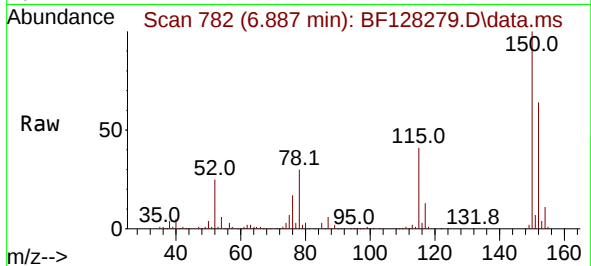




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

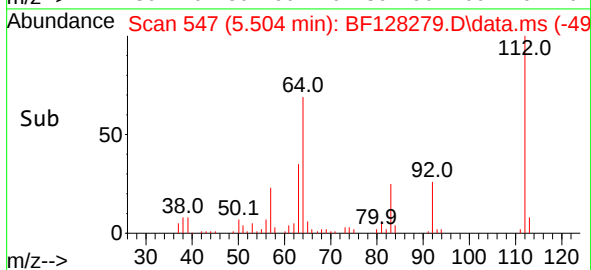
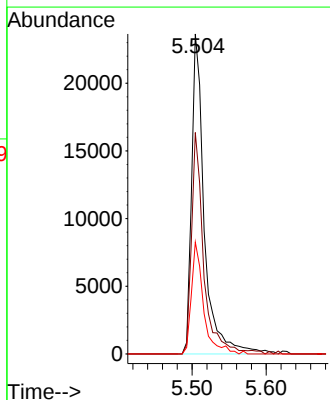
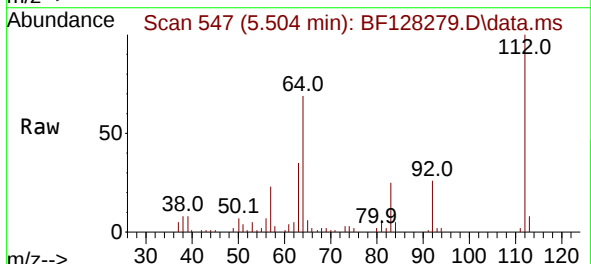
Instrument :
BNA_F
ClientSampleId :
OR-02-051322

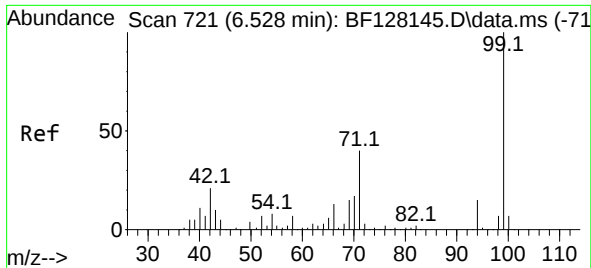
Tgt Ion:152 Resp: 85334
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 5.278 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

Tgt Ion:112 Resp: 28255
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 35.0 26.3 39.5

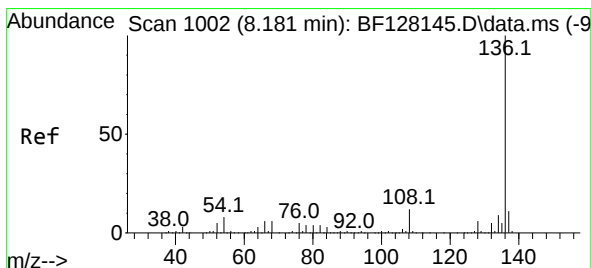
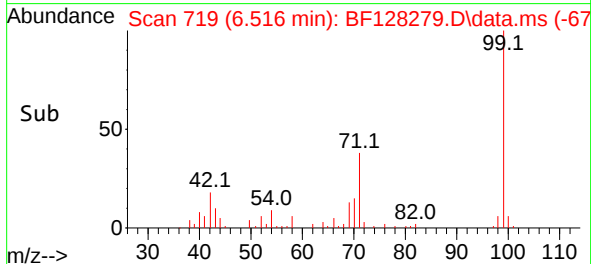
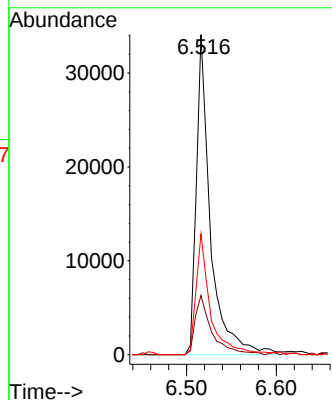
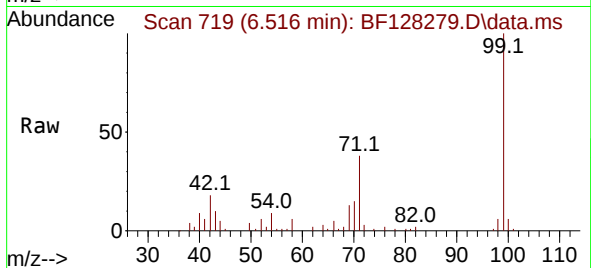




#7
Phenol-d6
Concen: 5.260 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

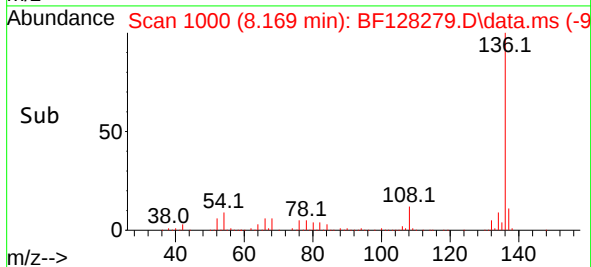
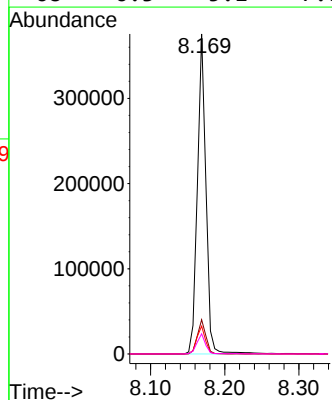
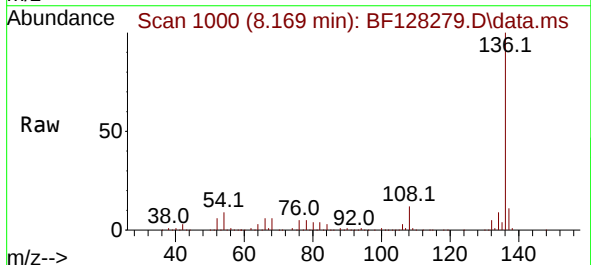
Instrument :
BNA_F
ClientSampleId :
OR-02-051322

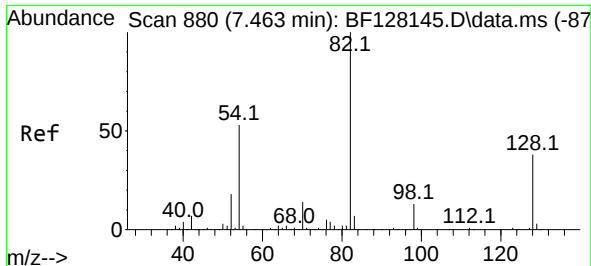
Tgt Ion: 99 Resp: 37239
Ion Ratio Lower Upper
99 100
42 18.5 16.6 24.8
71 37.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

Tgt Ion: 136 Resp: 300710
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 3.681 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051322

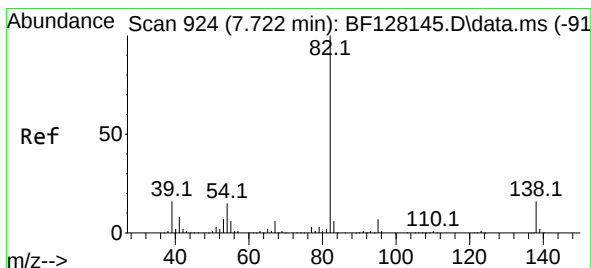
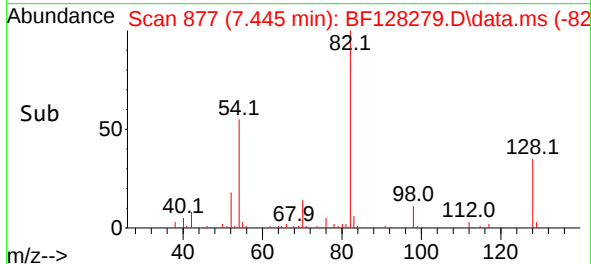
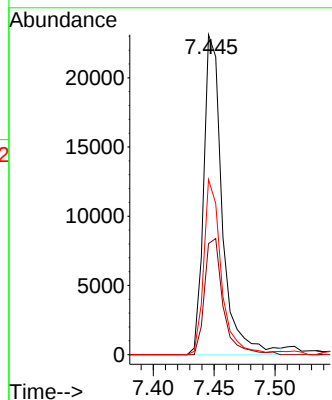
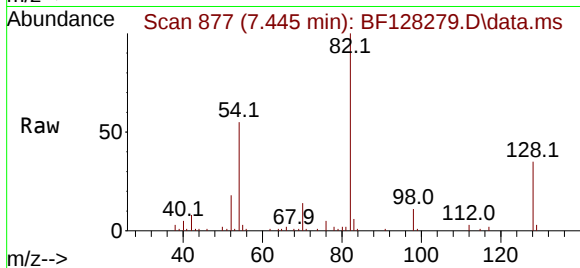
Tgt Ion: 82 Resp: 24601

Ion Ratio Lower Upper

82 100

128 34.7 30.0 45.0

54 54.8 41.3 61.9



#25

Isophorone

Concen: 2.348 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.271 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

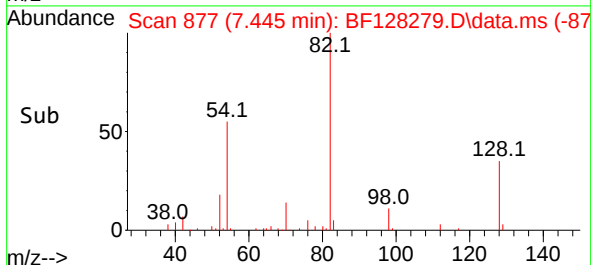
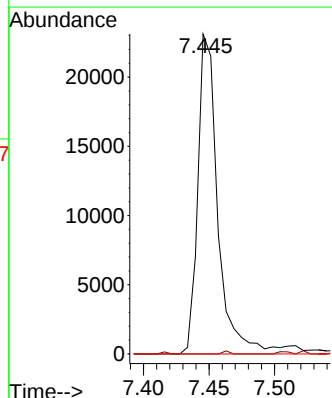
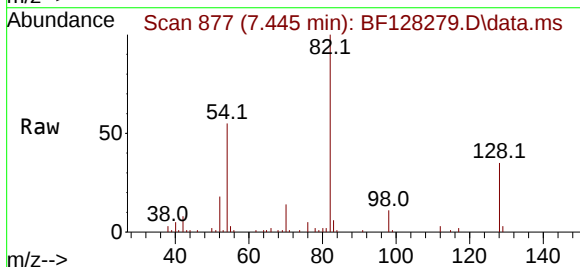
Tgt Ion: 82 Resp: 24600

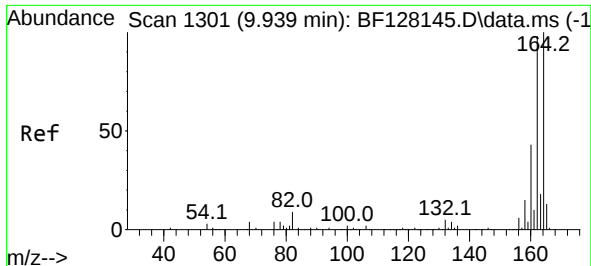
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051322

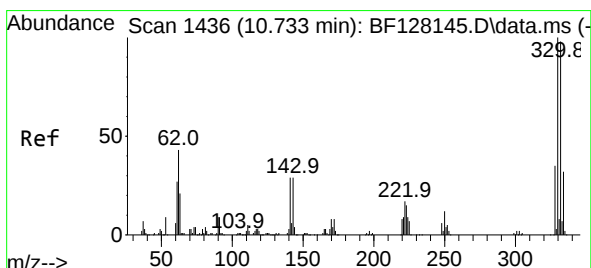
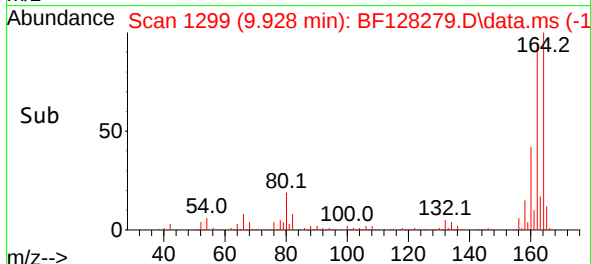
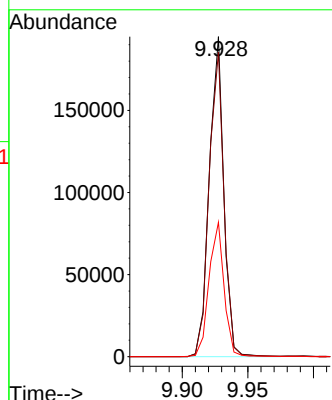
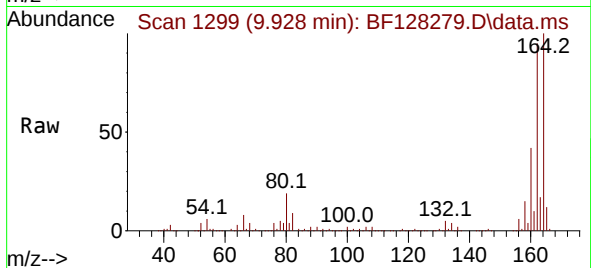
Tgt Ion:164 Resp: 150484

Ion Ratio Lower Upper

164 100

162 95.2 76.0 114.0

160 42.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 4.391 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

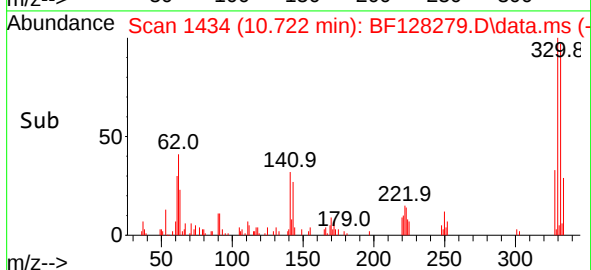
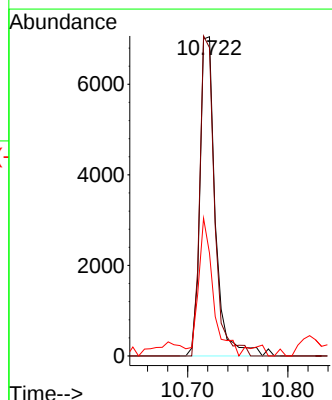
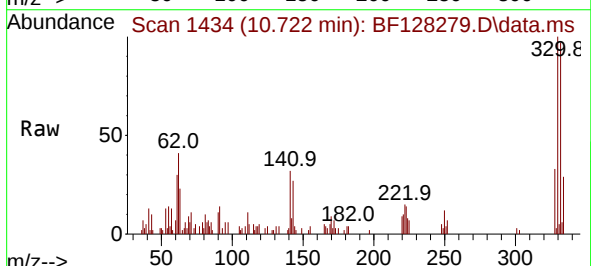
Tgt Ion:330 Resp: 7578

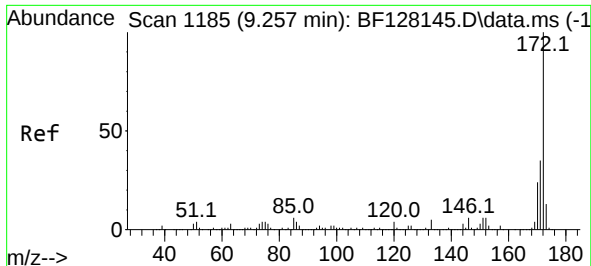
Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 40.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 4.473 ng

RT: 9.239 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051322

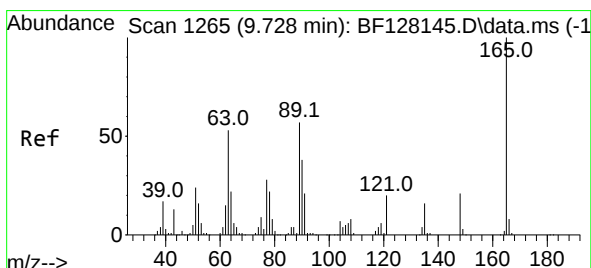
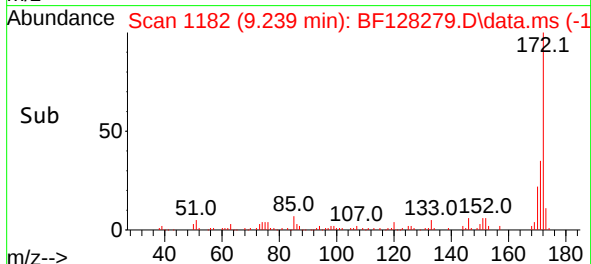
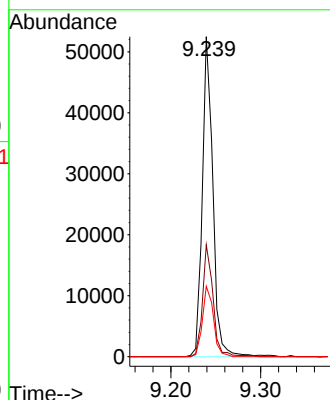
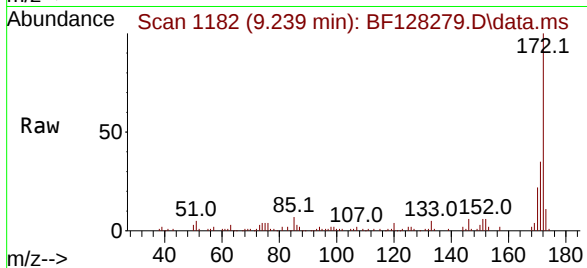
Tgt Ion:172 Resp: 43015

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 22.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.407 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

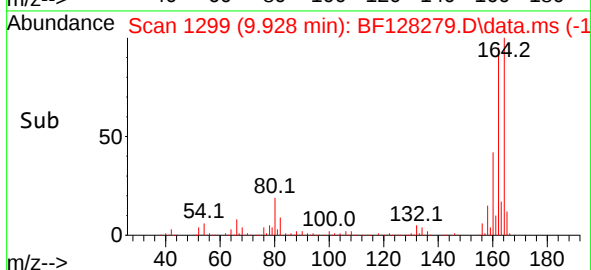
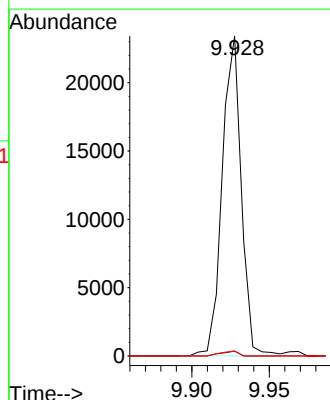
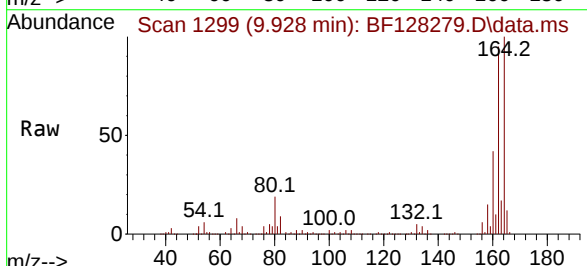
Tgt Ion:165 Resp: 20039

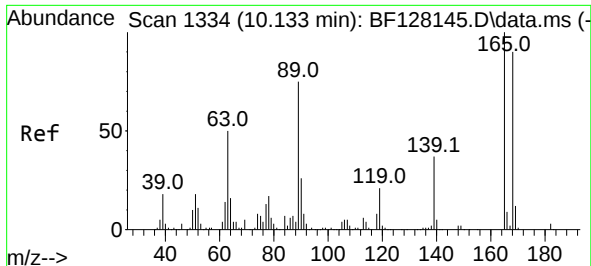
Ion Ratio Lower Upper

165 100

63 1.5 49.5 74.3#

89 1.5 49.0 73.4#

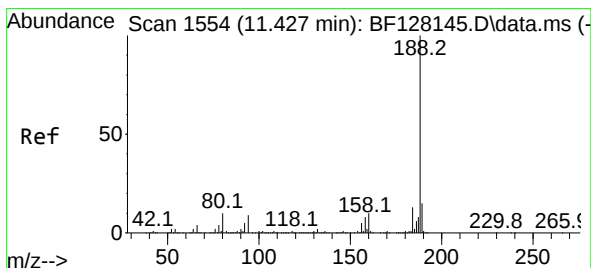
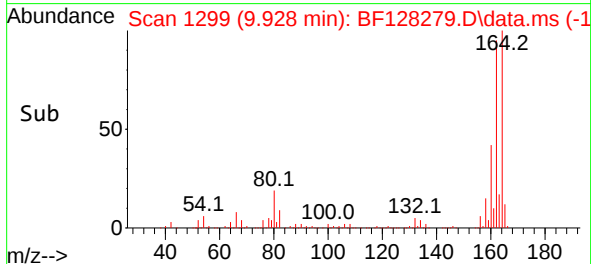
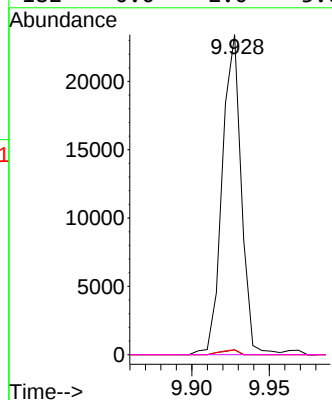
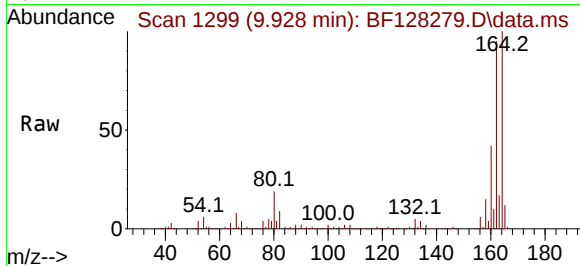




#57
2,4-Dinitrotoluene
Concen: 7.035 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

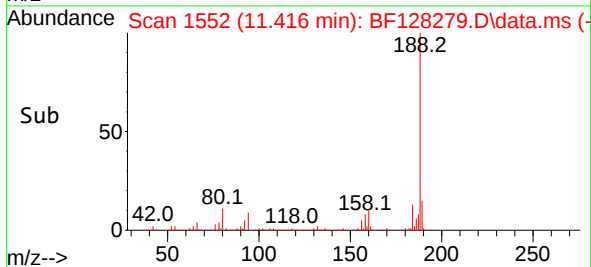
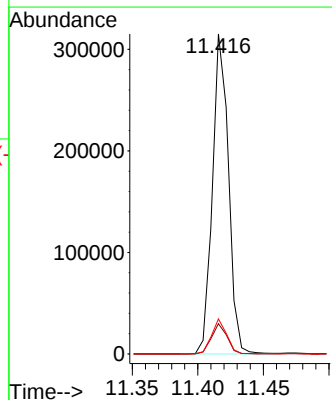
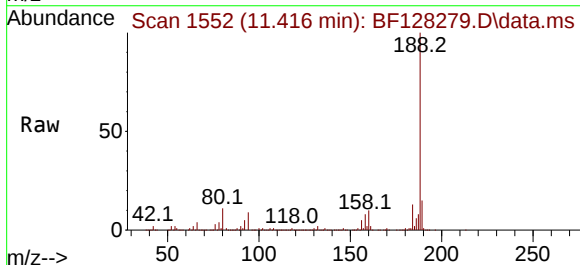
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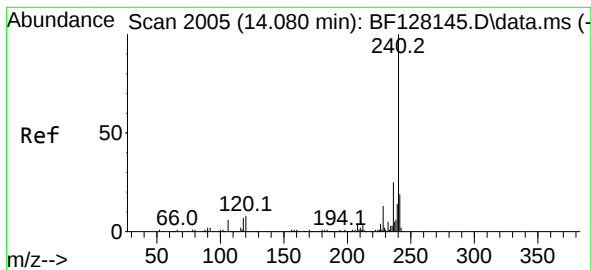
Tgt Ion:165 Resp: 20039
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128279.D
Acq: 16 May 2022 20:45

Tgt Ion:188 Resp: 268068
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.9 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051322

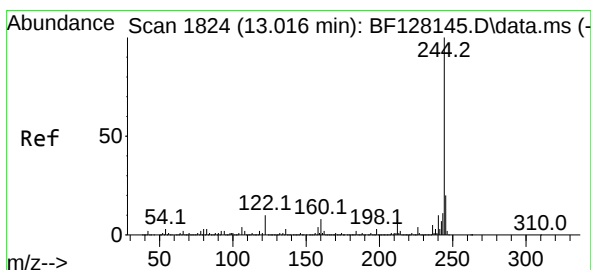
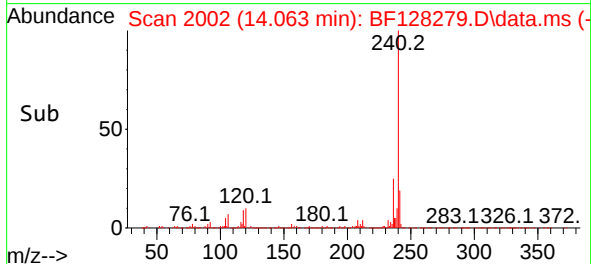
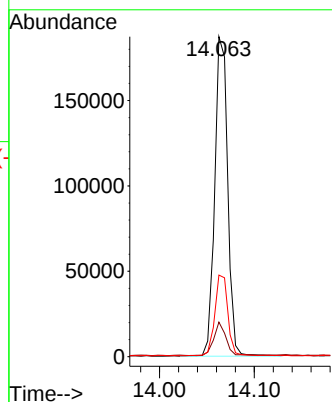
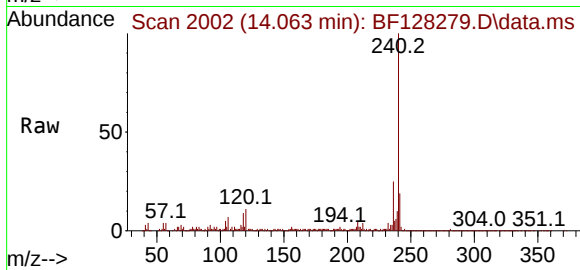
Tgt Ion:240 Resp: 177648

Ion Ratio Lower Upper

240 100

120 10.8 7.0 10.6#

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 4.732 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BF128279.D

Acq: 16 May 2022 20:45

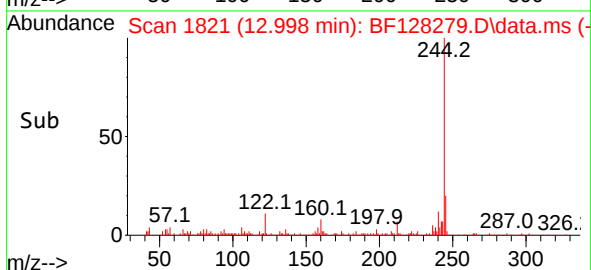
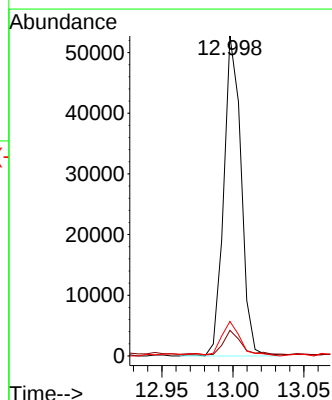
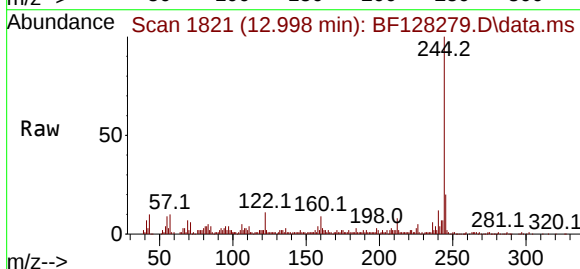
Tgt Ion:244 Resp: 44803

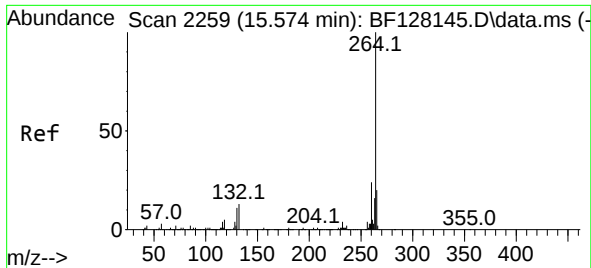
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

122 10.8 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128279.D
 Acq: 16 May 2022 20:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051322

Tgt Ion:264 Resp: 126963
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.5 26.3

