

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128427.D
 Acq On : 24 May 2022 04:30
 Operator : CG\JU
 Sample : N2894-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-SS005-0006-01

Quant Time: May 24 04:51:03 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)

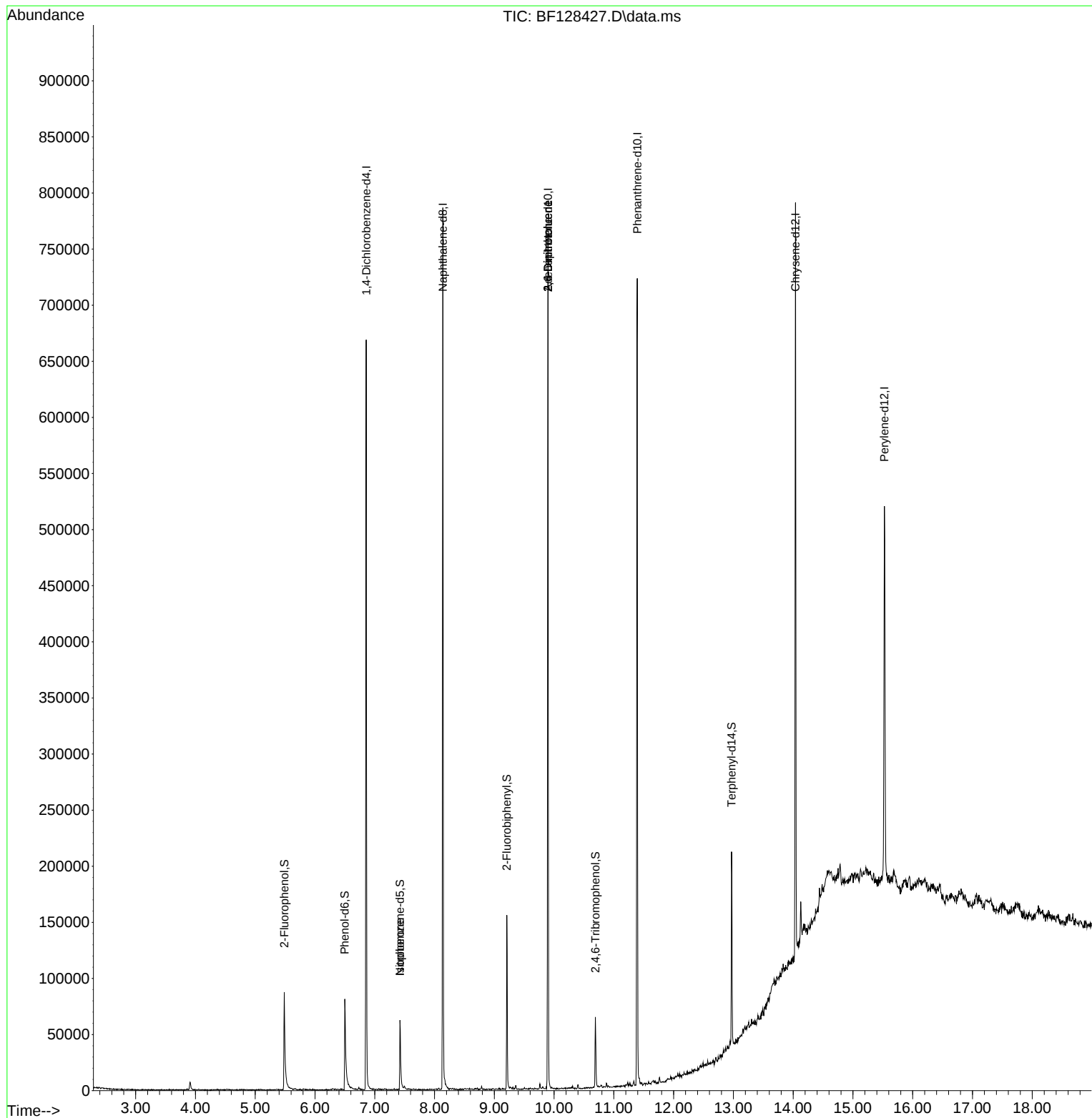
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	93904	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	313351	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	146605	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	274527	20.000	ng	0.00
76) Chrysene-d12	14.039	240	219504	20.000	ng	-0.01
86) Perylene-d12	15.527	264	163286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34909	5.916	ng	0.00
7) Phenol-d6	6.498	99	41726	5.370	ng	0.00
23) Nitrobenzene-d5	7.422	82	25314	3.620	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	7899	5.224	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	46268	5.161	ng	-0.01
79) Terphenyl-d14	12.968	244	57366	5.045	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.422	82	25314	2.362	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	18835	9.222	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	18835	7.319	ng	# 26

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

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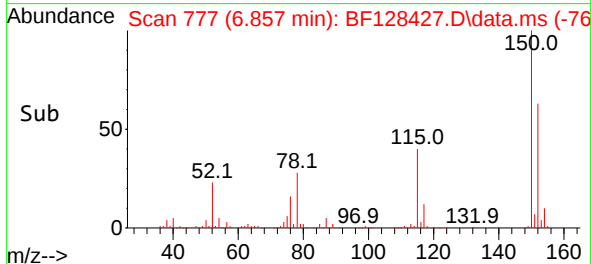
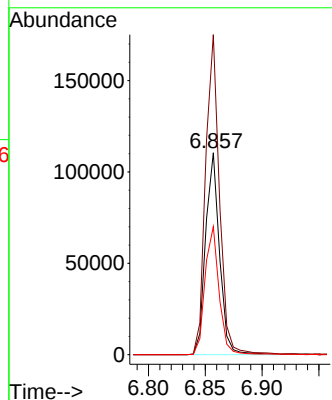
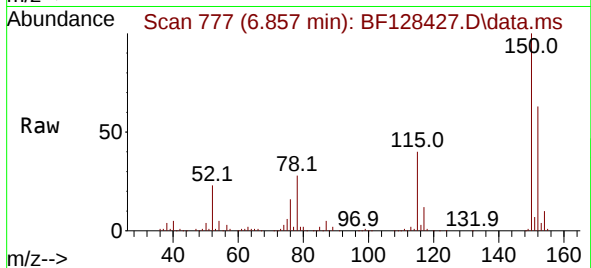




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

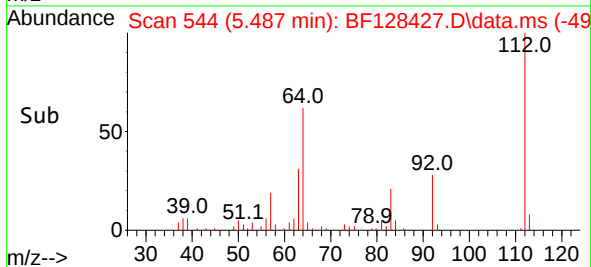
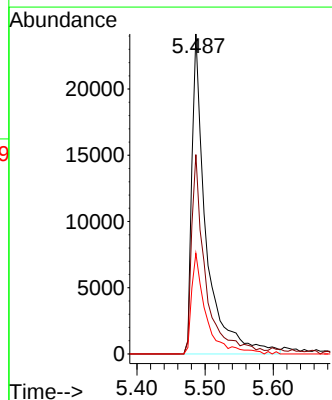
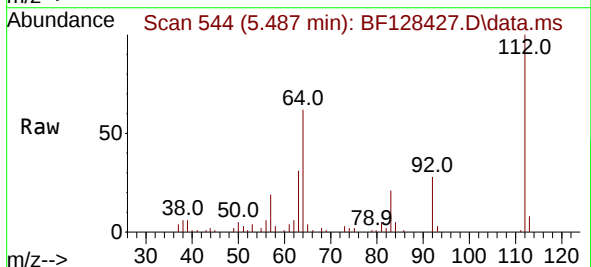
Instrument :
BNA_F
ClientSampleId :
P004-SS005-0006-01

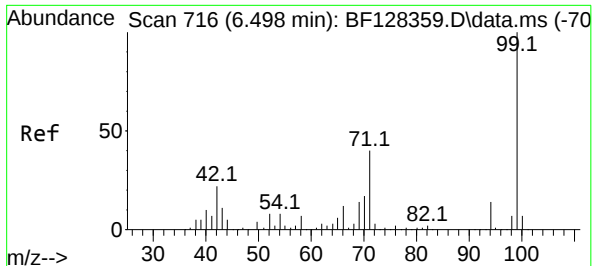
Tgt Ion:152 Resp: 93904
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 5.916 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

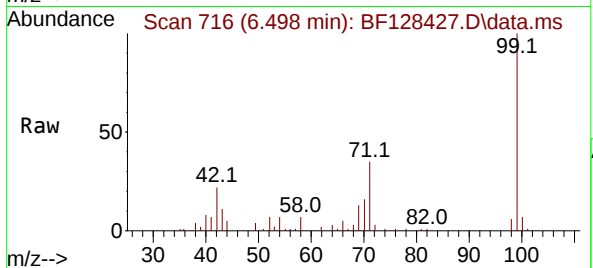
Tgt Ion:112 Resp: 34909
Ion Ratio Lower Upper
112 100
64 62.3 49.5 74.3
63 31.5 26.3 39.5





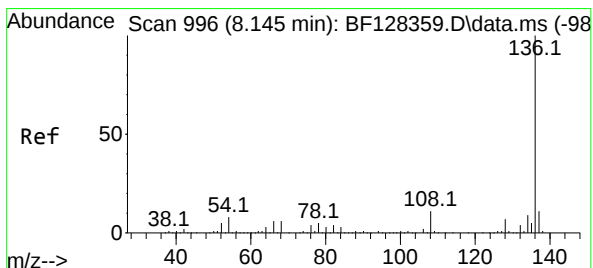
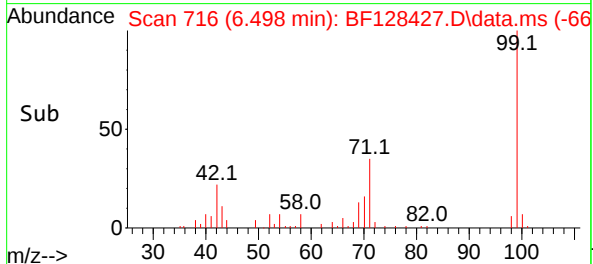
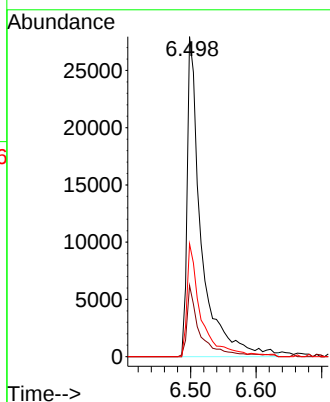
#7
Phenol-d6
Concen: 5.370 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

Instrument :
BNA_F
ClientSampleId :
P004-SS005-0006-01



Tgt Ion: 99 Resp: 41726

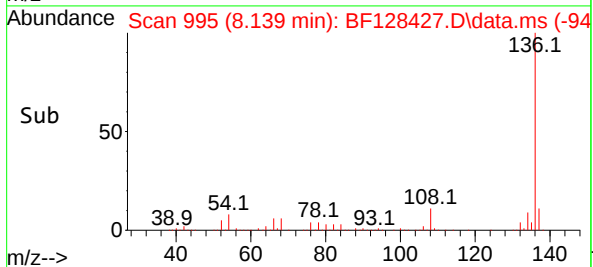
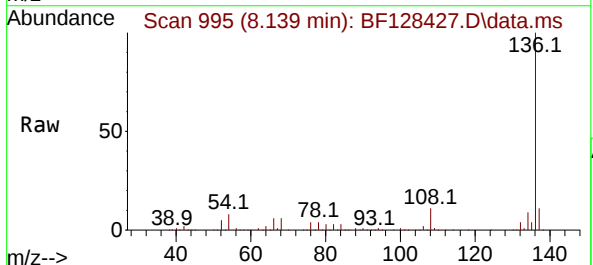
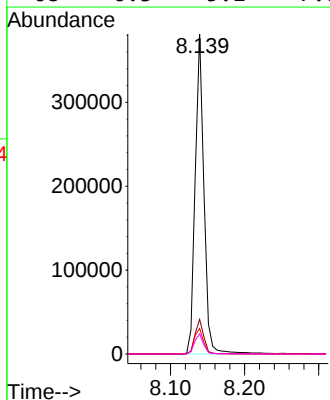
Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.6	24.8
71	35.2	30.0	45.0

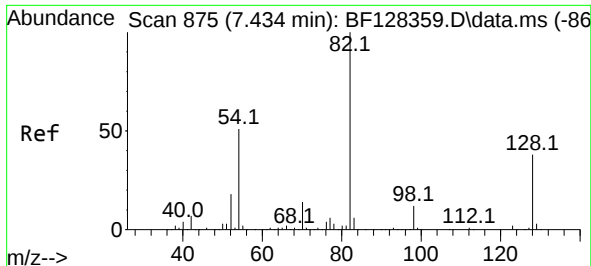


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

Tgt Ion: 136 Resp: 313351

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.0	6.8	10.2
68	6.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 3.620 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128427.D

Acq: 24 May 2022 04:30

Instrument :

BNA_F

ClientSampleId :

P004-SS005-0006-01

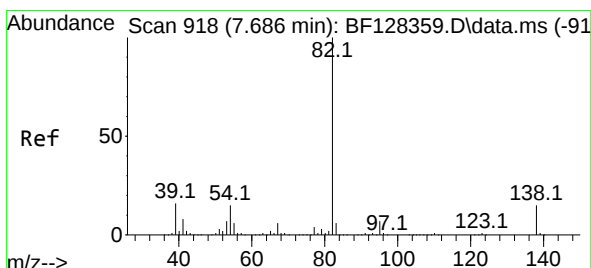
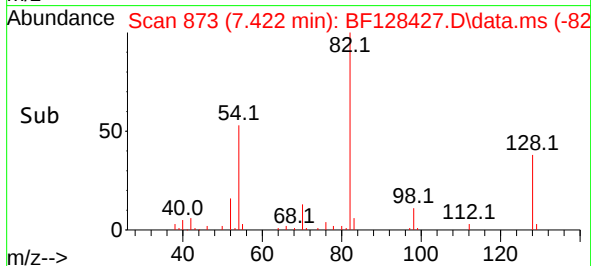
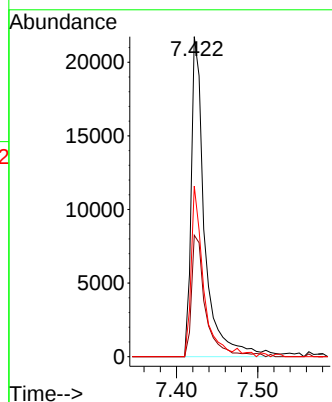
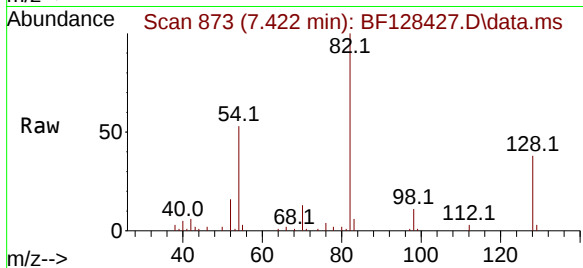
Tgt Ion: 82 Resp: 25314

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 53.3 41.3 61.9



#25

Isophorone

Concen: 2.362 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.265 min

Lab File: BF128427.D

Acq: 24 May 2022 04:30

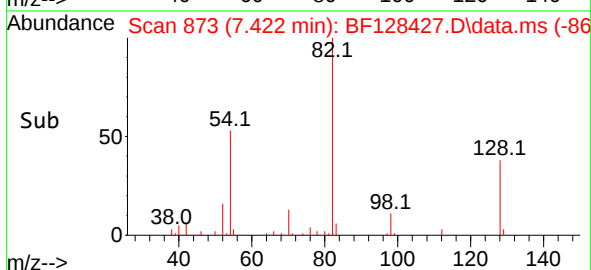
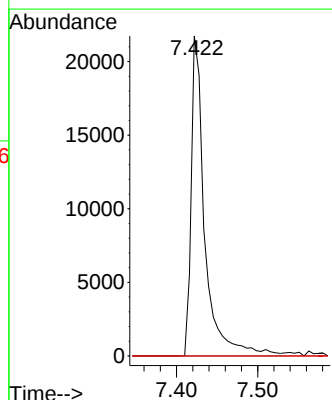
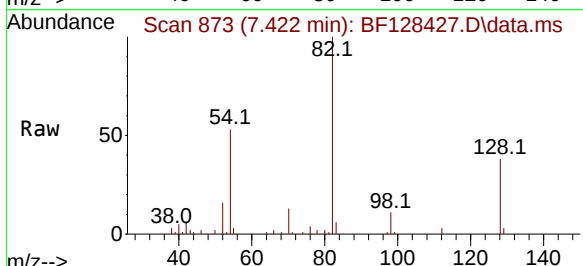
Tgt Ion: 82 Resp: 25314

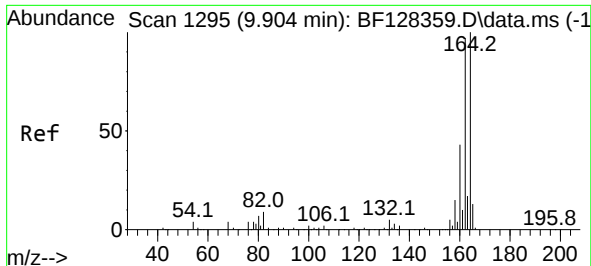
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#

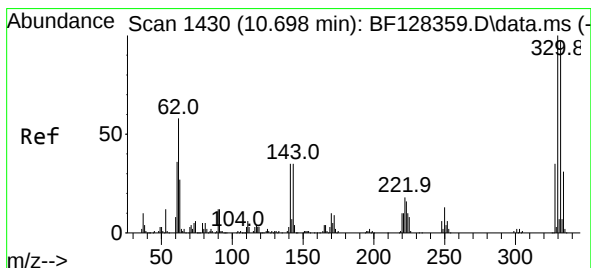
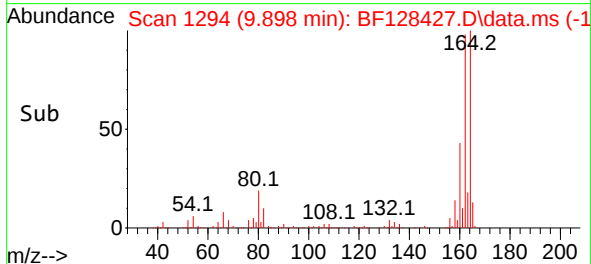
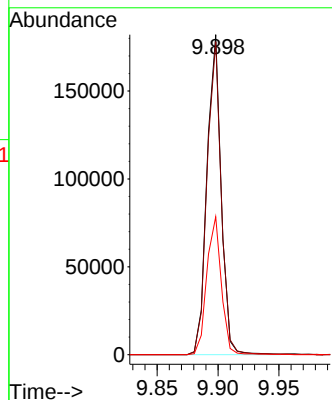
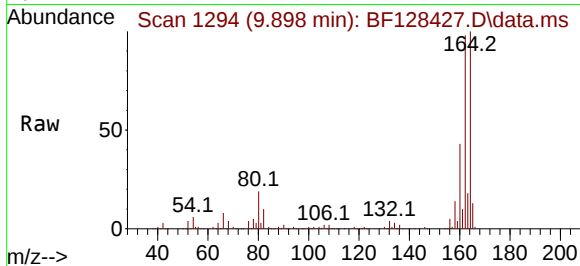




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

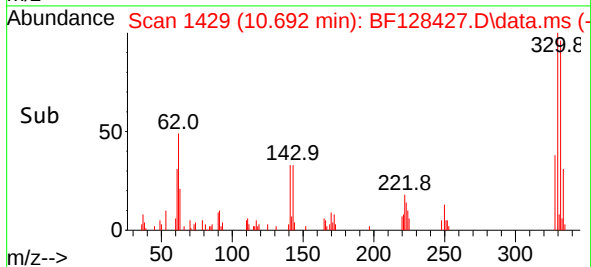
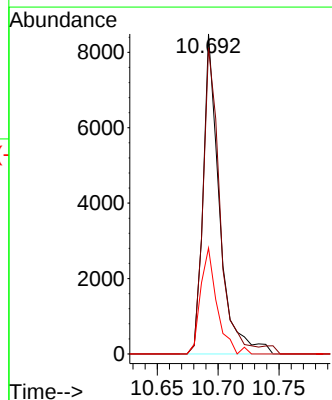
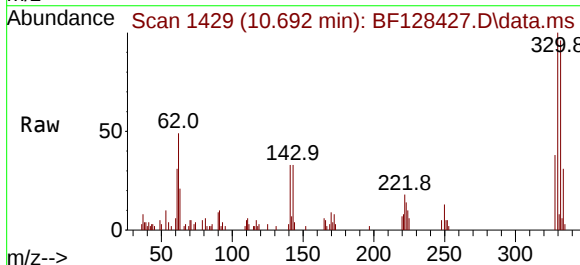
Instrument :
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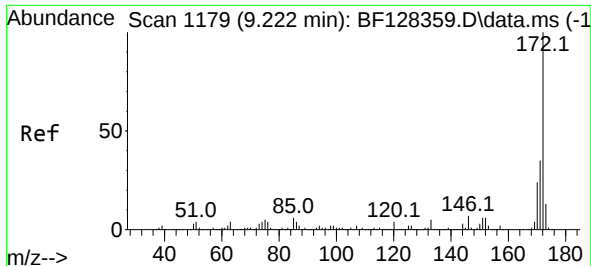
Tgt Ion:164 Resp: 146605
Ion Ratio Lower Upper
164 100
162 97.8 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 5.224 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

Tgt Ion:330 Resp: 7899
Ion Ratio Lower Upper
330 100
332 100.3 79.0 118.4
141 33.6 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 5.161 ng

RT: 9.210 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128427.D

Acq: 24 May 2022 04:30

Instrument :

BNA_F

ClientSampleId :

P004-SS005-0006-01

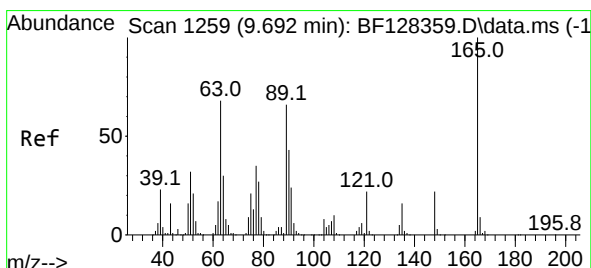
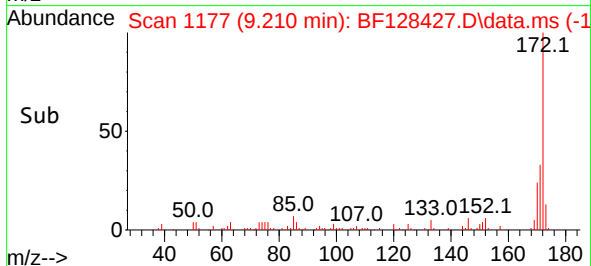
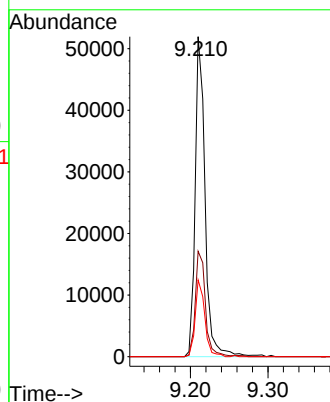
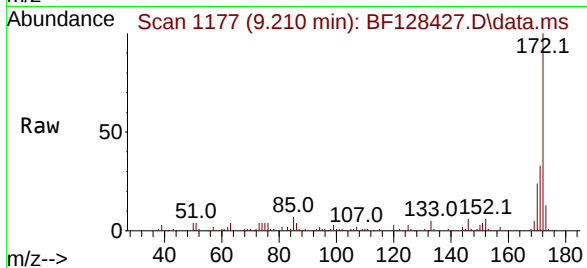
Tgt Ion:172 Resp: 46268

Ion Ratio Lower Upper

172 100

171 33.0 28.6 42.8

170 24.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.222 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128427.D

Acq: 24 May 2022 04:30

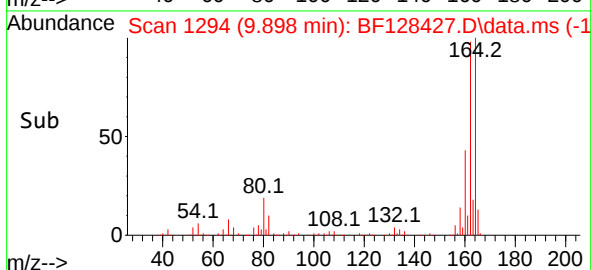
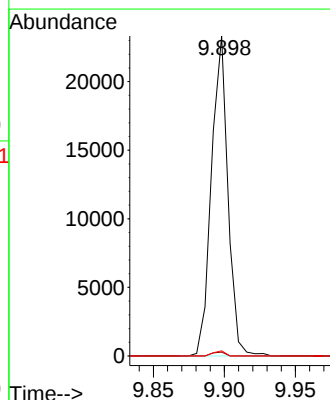
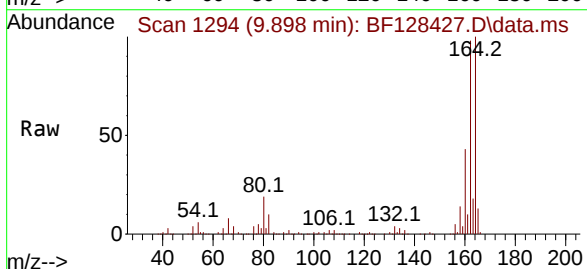
Tgt Ion:165 Resp: 18835

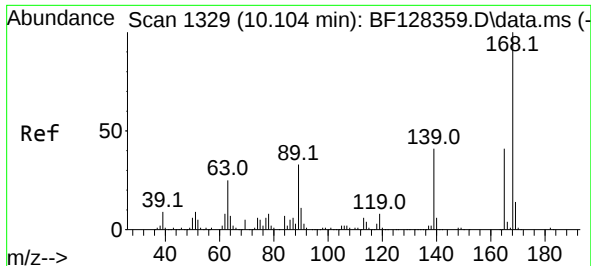
Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.6 49.0 73.4#

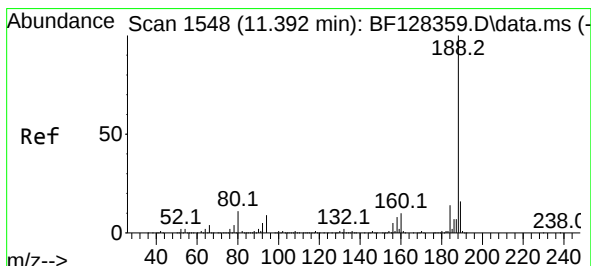
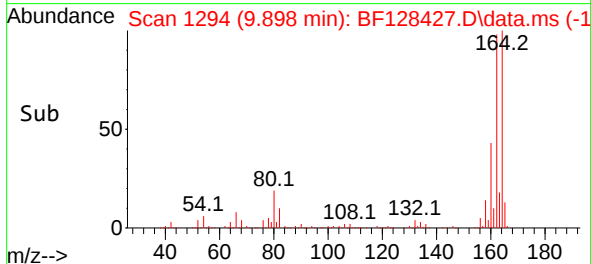
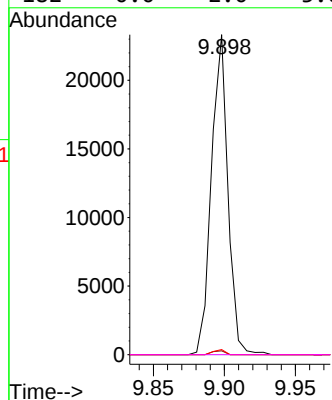
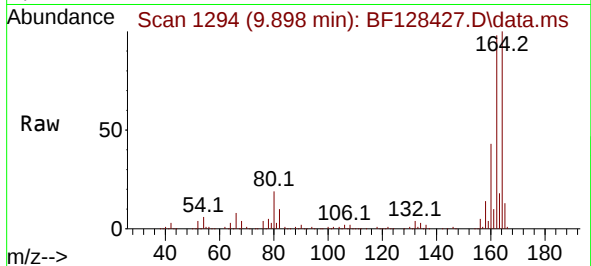




#57
2,4-Dinitrotoluene
Concen: 7.319 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

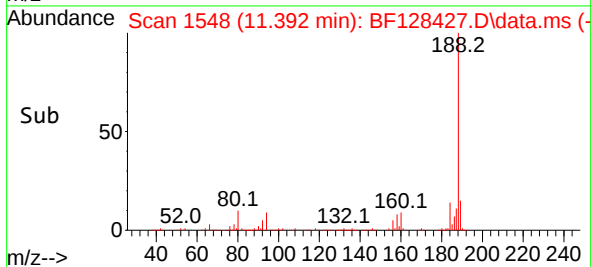
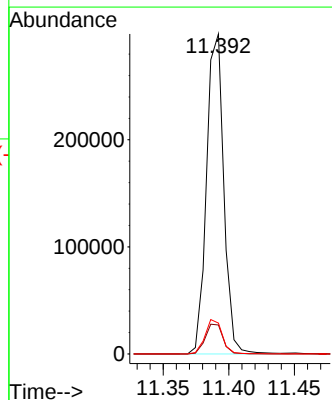
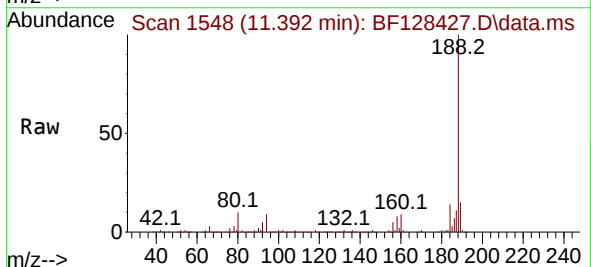
Instrument :
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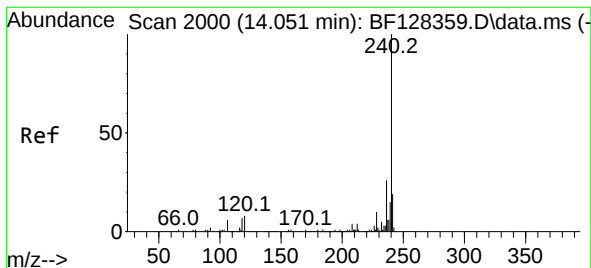
Tgt Ion:165 Resp: 18835
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128427.D
Acq: 24 May 2022 04:30

Tgt Ion:188 Resp: 274527
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.7 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: BF128427.D

Acq: 24 May 2022 04:30

Instrument :

BNA_F

ClientSampleId :

P004-SS005-0006-01

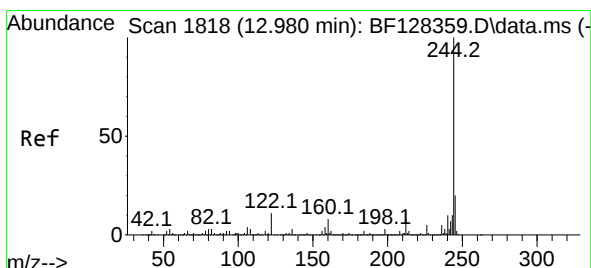
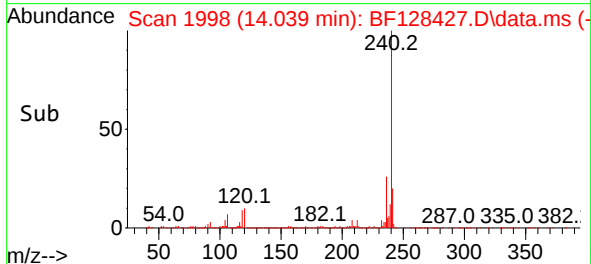
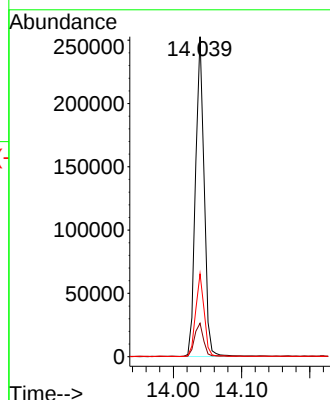
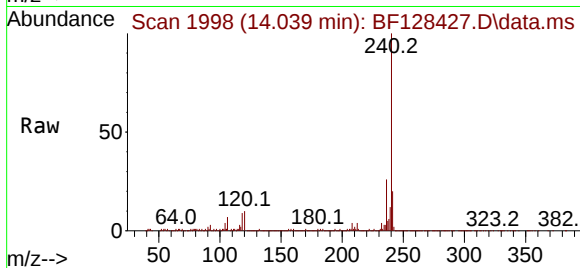
Tgt Ion:240 Resp: 219504

Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 5.045 ng

RT: 12.968 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF128427.D

Acq: 24 May 2022 04:30

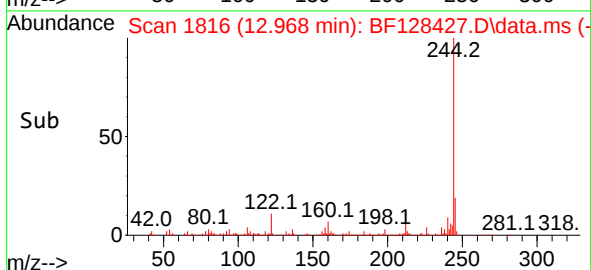
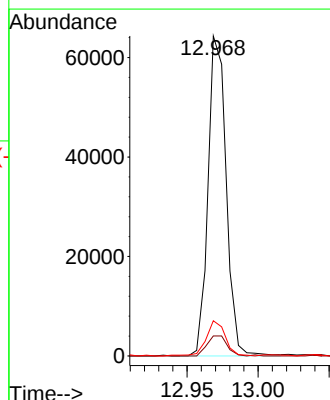
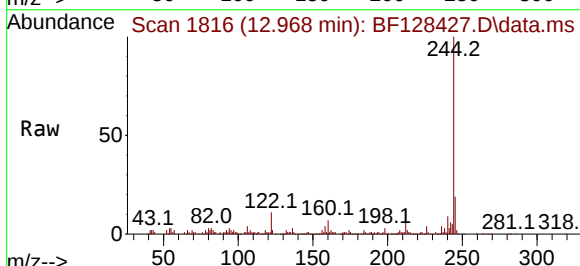
Tgt Ion:244 Resp: 57366

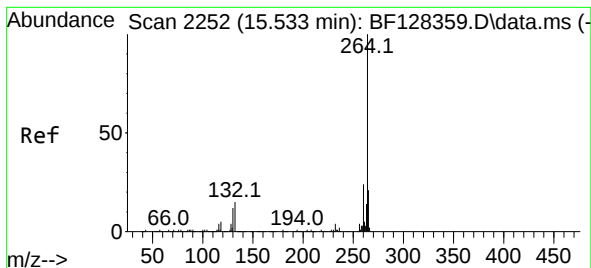
Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.4

122 11.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128427.D

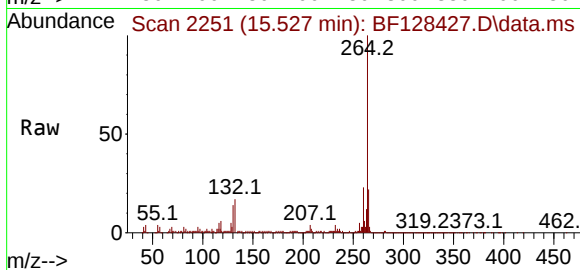
Acq: 24 May 2022 04:30

Instrument :

BNA_F

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Tgt Ion:264 Resp: 163286

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

265 21.9 17.5 26.3

