

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128278.D
 Acq On : 16 May 2022 20:15
 Operator : CG\JU
 Sample : N2855-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-051322

Quant Time: May 17 06:23:01 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)

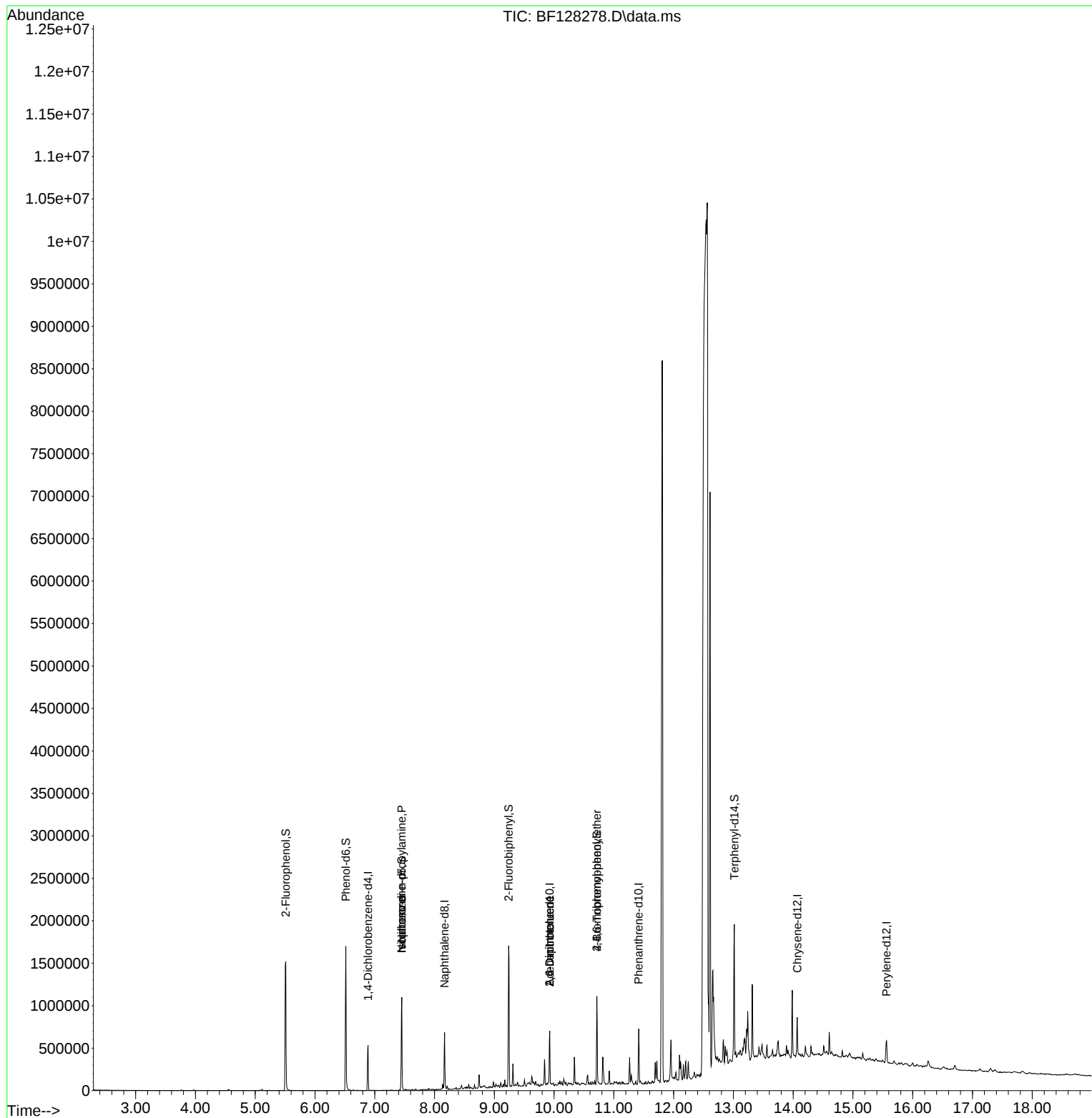
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74159	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	259875	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	125996	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	217313	20.000	ng	0.00
76) Chrysene-d12	14.068	240	148737	20.000	ng	0.00
86) Perylene-d12	15.563	264	107300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	398198	85.597	ng	0.00
7) Phenol-d6	6.516	99	505350	82.131	ng	-0.01
23) Nitrobenzene-d5	7.451	82	343518	59.479	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	109719	75.929	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	499193	61.993	ng	-0.01
79) Terphenyl-d14	13.016	244	516247	65.128	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	874	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	47707	12.590	ng	# 77
25) Isophorone	7.451	82	342008	37.772	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	16823	9.432	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	16823	7.054	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	6598	2.822	ng	# 1

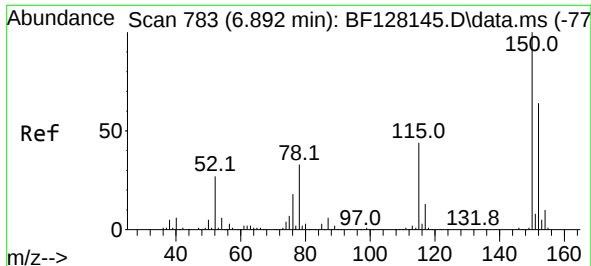
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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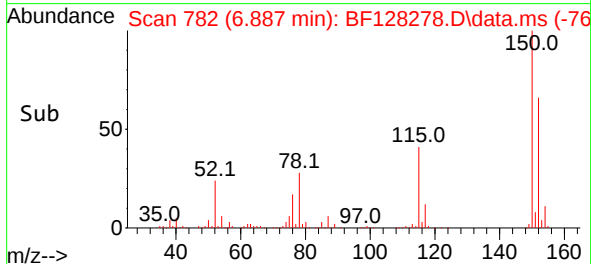
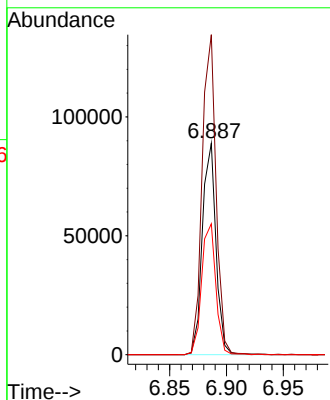
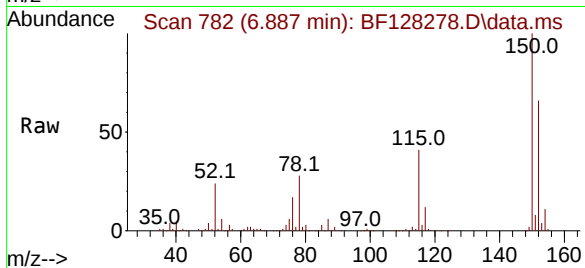




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128278.D
 Acq: 16 May 2022 20:15

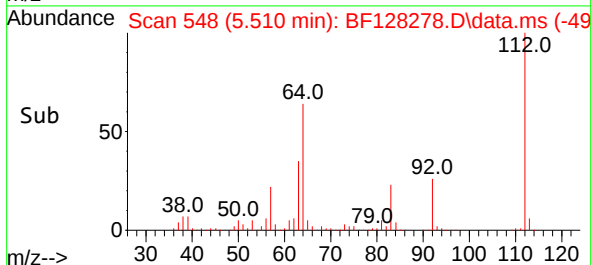
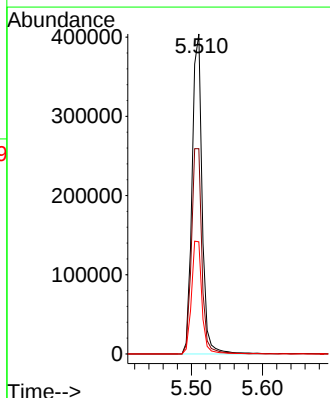
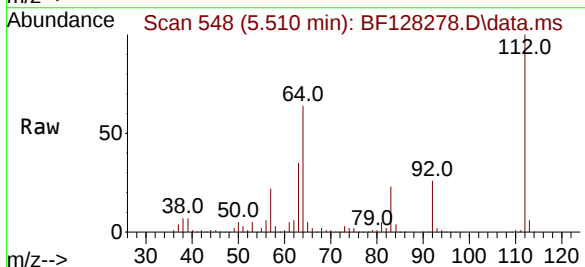
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-051322

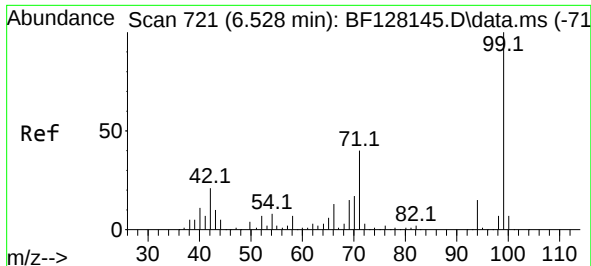
Tgt Ion:152 Resp: 74159
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.3 187.9
 115 61.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 85.597 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF128278.D
 Acq: 16 May 2022 20:15

Tgt Ion:112 Resp: 398198
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.5 74.3
 63 35.1 26.3 39.5

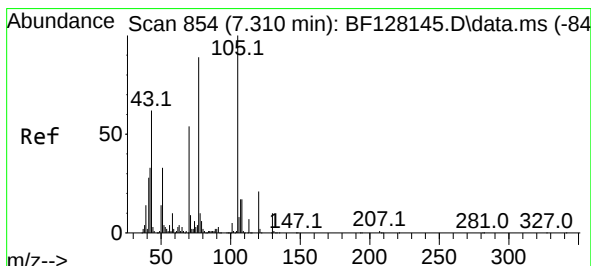
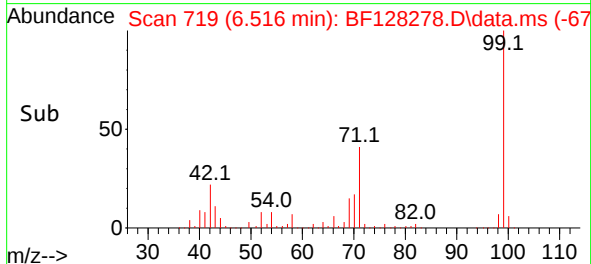
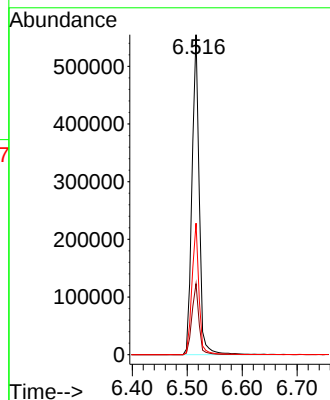
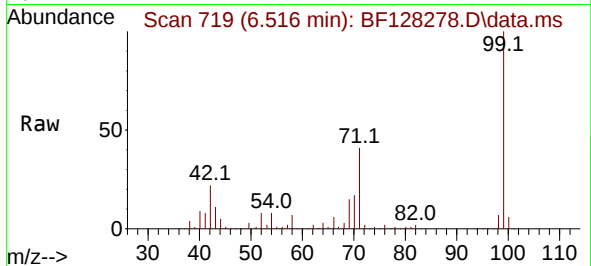




#7
Phenol-d6
Concen: 82.131 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

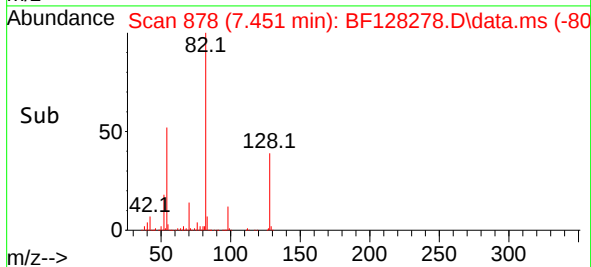
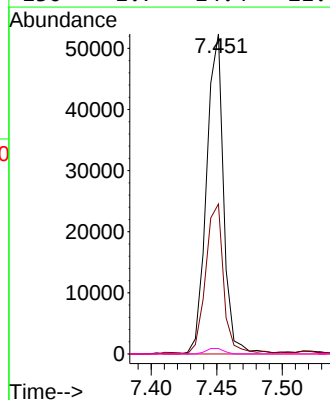
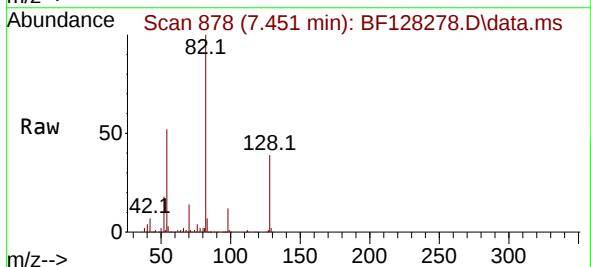
Instrument :
BNA_F
ClientSampleId :
NB-08-051322

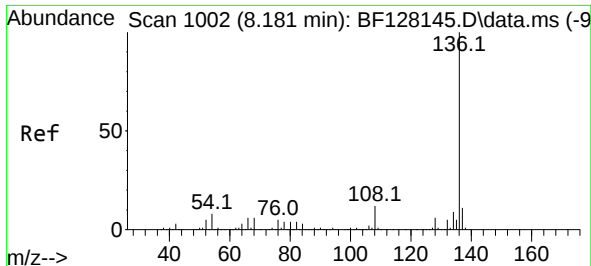
Tgt Ion: 99 Resp: 505350
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.590 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

Tgt Ion: 70 Resp: 47707
Ion Ratio Lower Upper
70 100
42 46.9 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF128278.D

Acq: 16 May 2022 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-051322

Tgt Ion:136 Resp: 259875

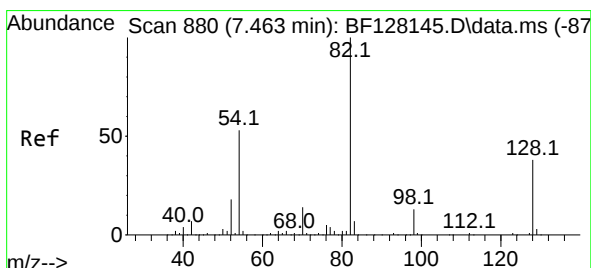
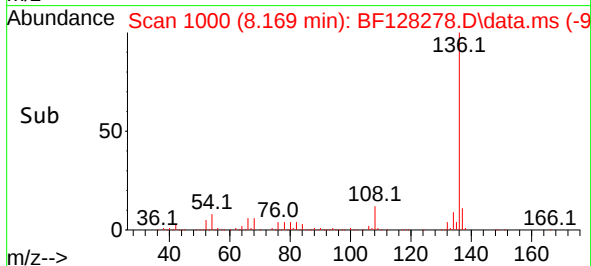
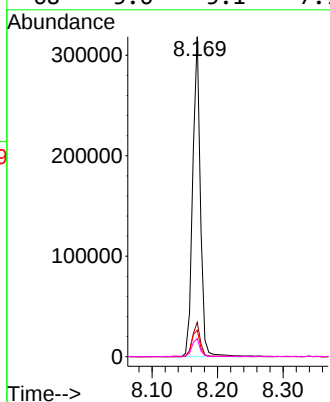
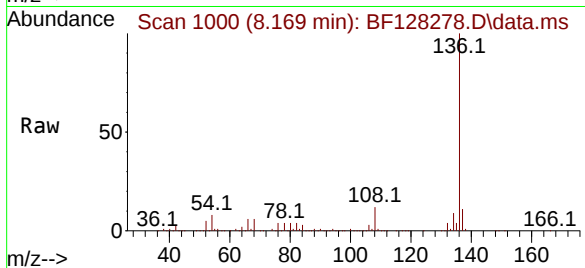
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 6.8 10.2

68 5.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 59.479 ng

RT: 7.451 min Scan# 878

Delta R.T. -0.012 min

Lab File: BF128278.D

Acq: 16 May 2022 20:15

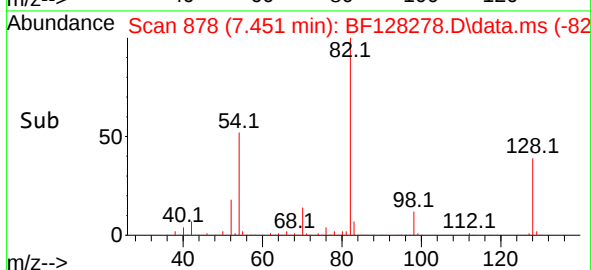
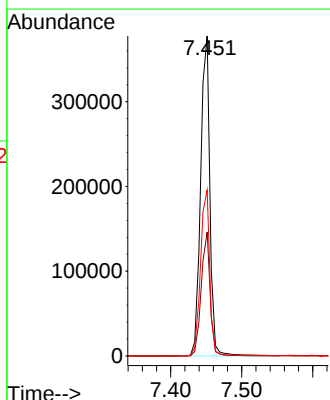
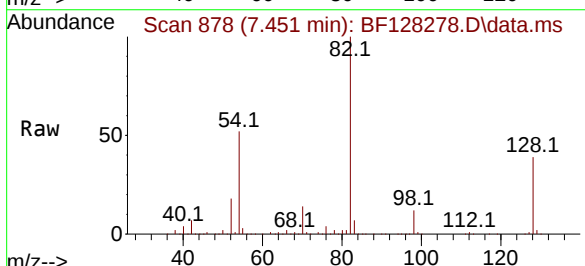
Tgt Ion: 82 Resp: 343518

Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

54 51.8 41.3 61.9

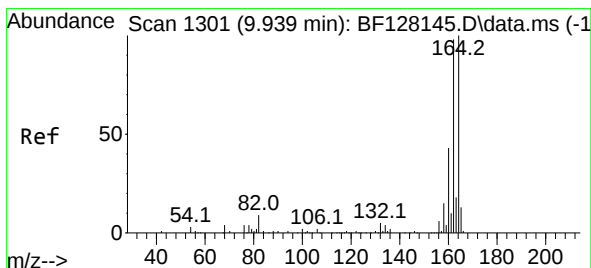
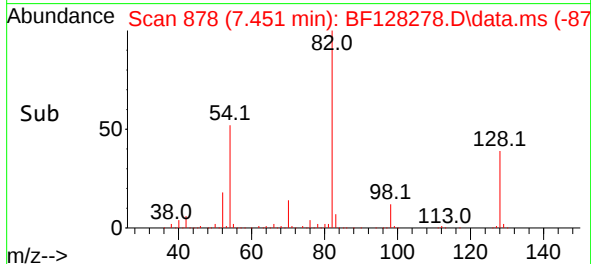
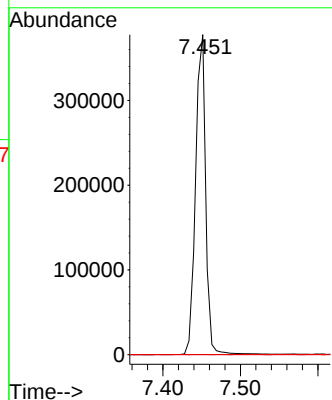
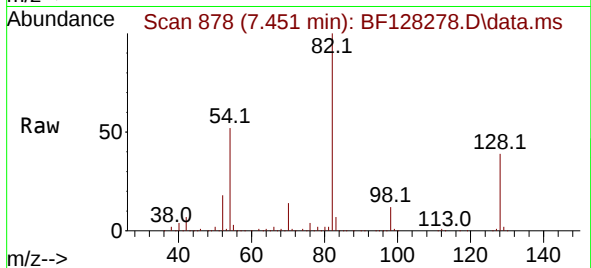




#25
Isophorone
Concen: 37.772 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

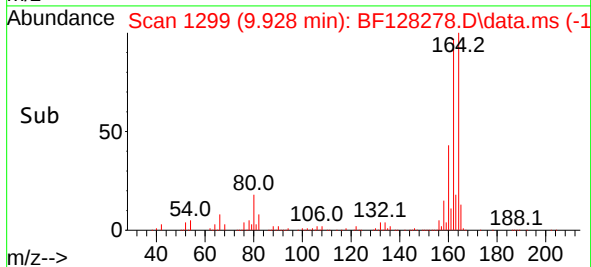
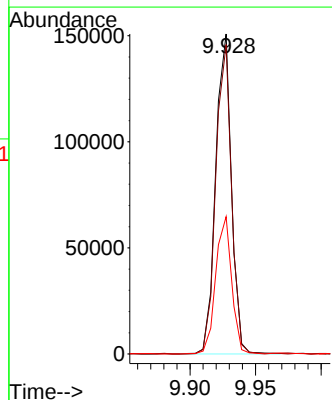
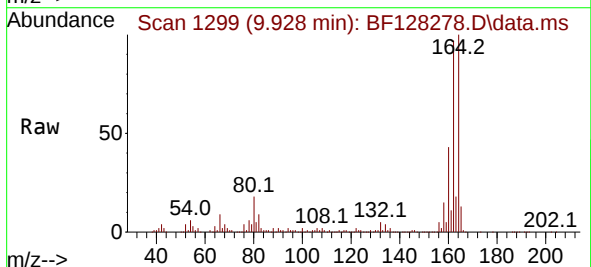
Instrument :
BNA_F
ClientSampleId :
NB-08-051322

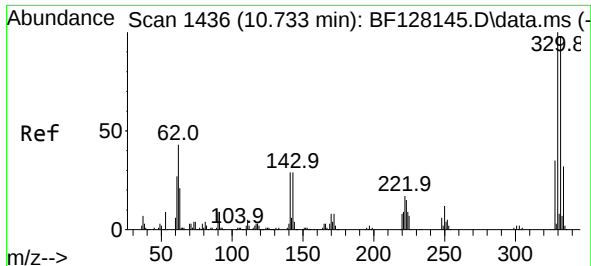
Tgt Ion: 82 Resp: 342008
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

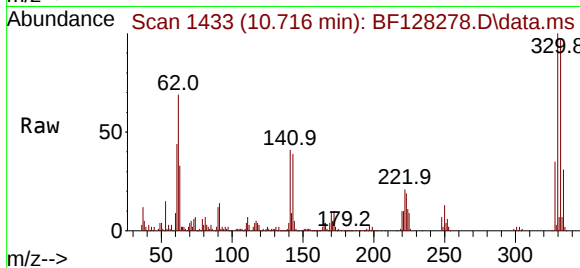
Tgt Ion:164 Resp: 125996
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 42.9 34.8 52.2



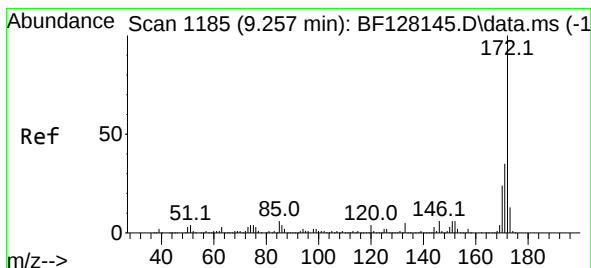
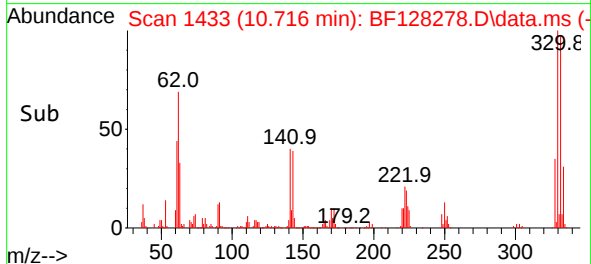
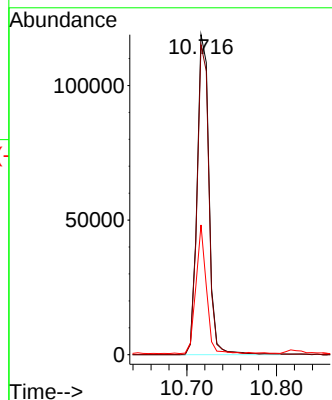


#42
 2,4,6-Tribromophenol
 Concen: 75.929 ng
 RT: 10.716 min Scan# 1433
 Delta R.T. -0.012 min
 Lab File: BF128278.D
 Acq: 16 May 2022 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-051322

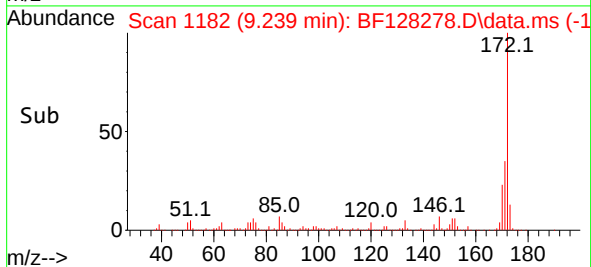
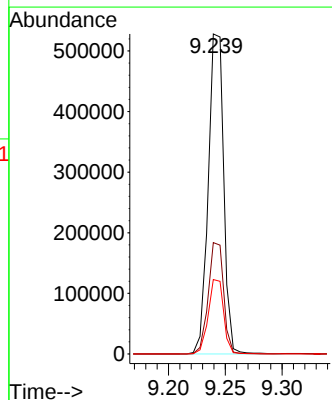
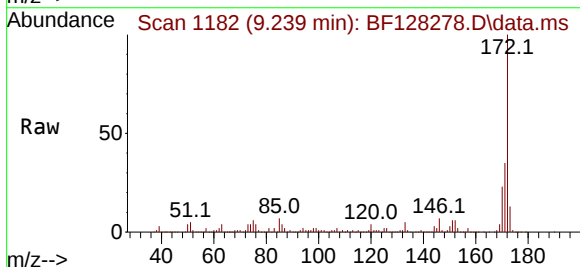


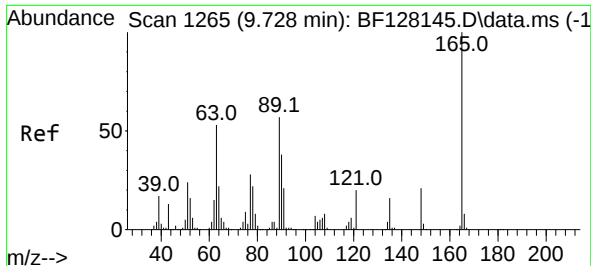
Tgt Ion:330 Resp: 109719
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 35.2 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 61.993 ng
 RT: 9.239 min Scan# 1182
 Delta R.T. -0.012 min
 Lab File: BF128278.D
 Acq: 16 May 2022 20:15

Tgt Ion:172 Resp: 499193
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.432 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128278.D

Acq: 16 May 2022 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-051322

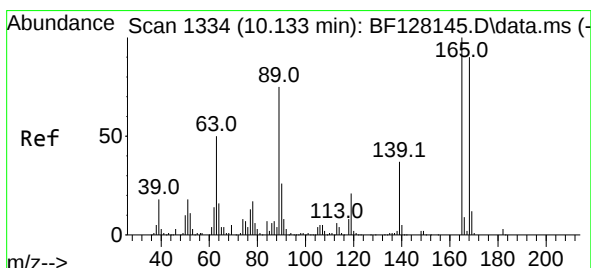
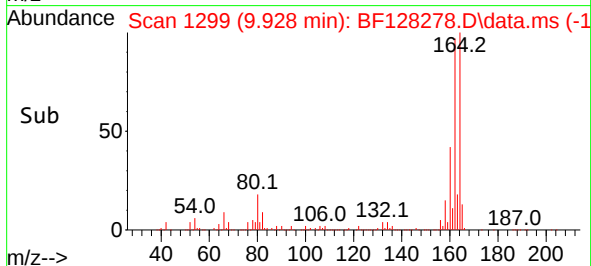
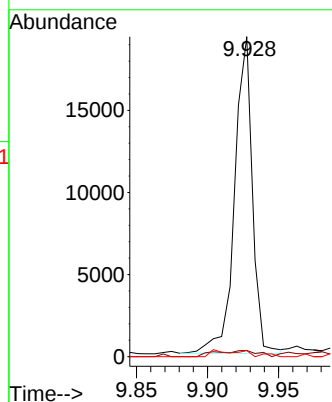
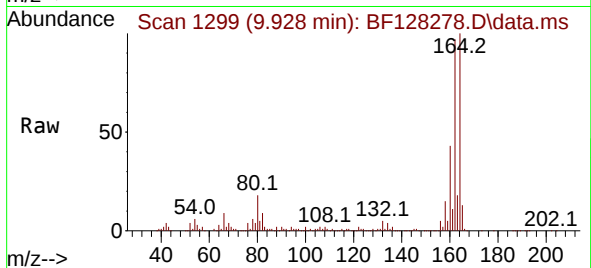
Tgt Ion:165 Resp: 16823

Ion Ratio Lower Upper

165 100

63 1.9 49.5 74.3#

89 1.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.054 ng

RT: 9.928 min Scan# 1299

Delta R.T. -0.200 min

Lab File: BF128278.D

Acq: 16 May 2022 20:15

Tgt Ion:165 Resp: 16823

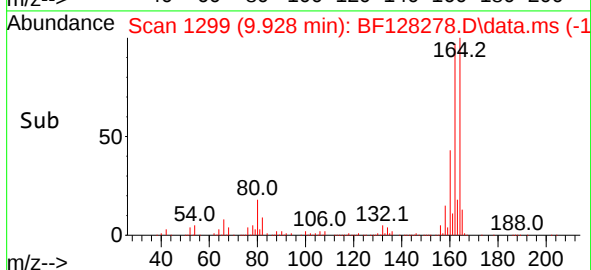
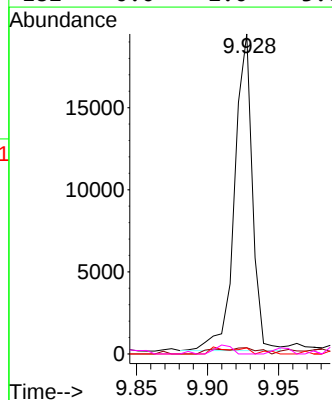
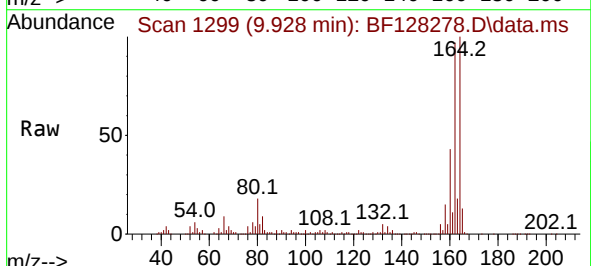
Ion Ratio Lower Upper

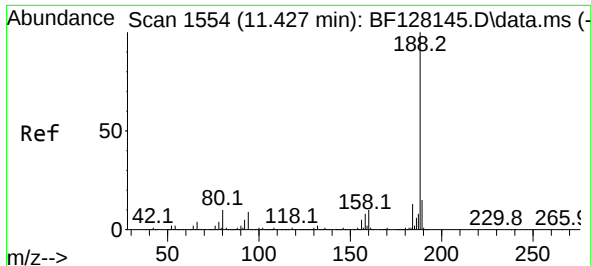
165 100

63 1.9 32.6 49.0#

89 1.9 55.2 82.8#

182 0.0 2.0 3.0#

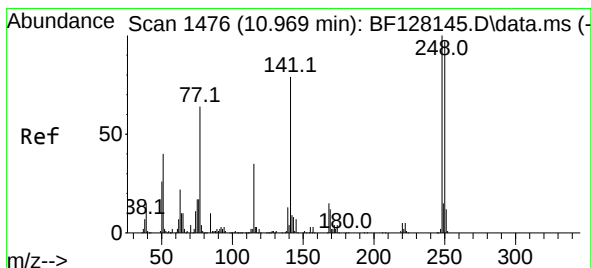
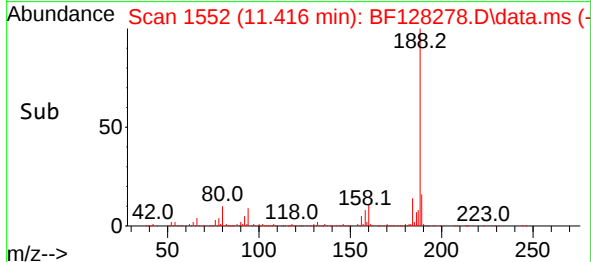
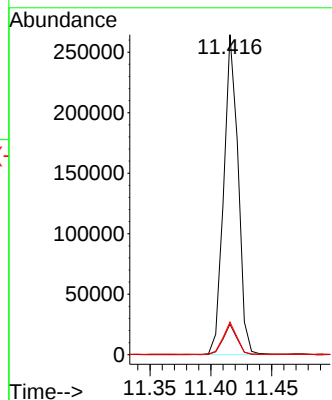
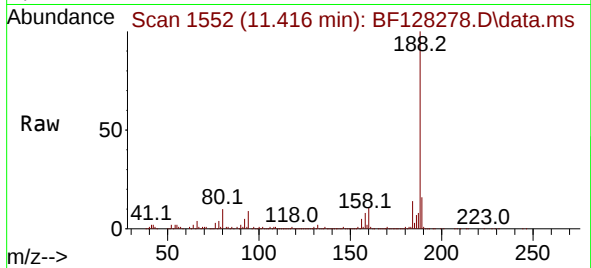




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

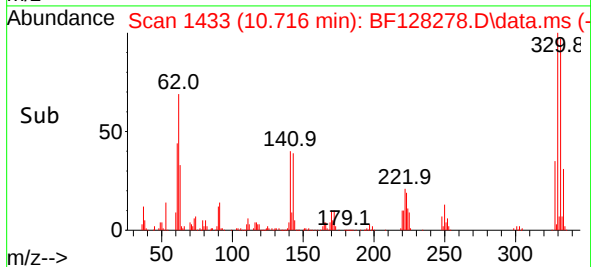
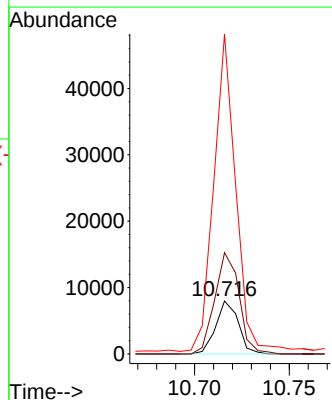
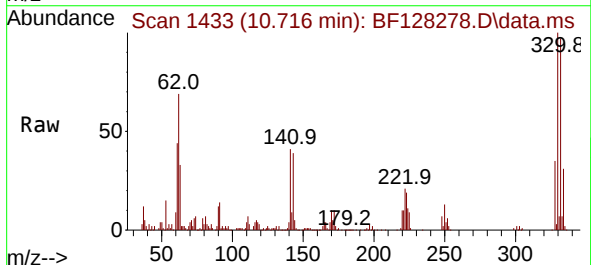
Instrument :
BNA_F
ClientSampleId :
NB-08-051322

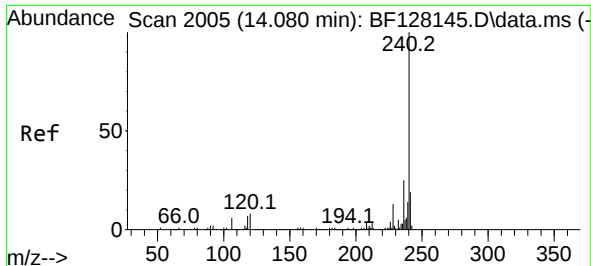
Tgt Ion:188 Resp: 217313
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.822 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

Tgt Ion:248 Resp: 6598
Ion Ratio Lower Upper
248 100
250 191.0 77.7 116.5#
141 603.9 65.6 98.4#

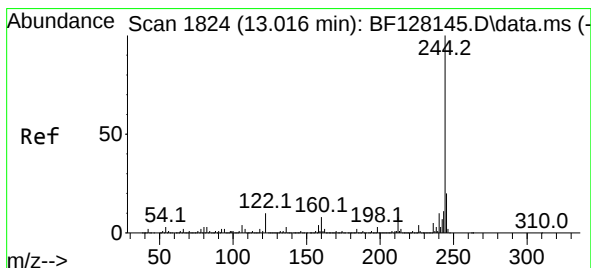
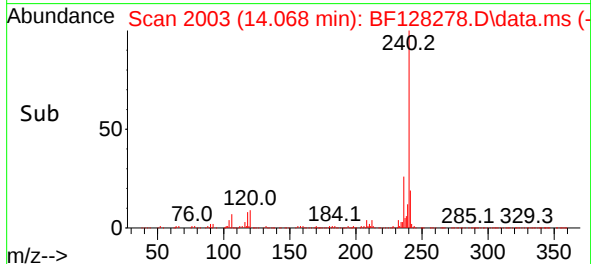
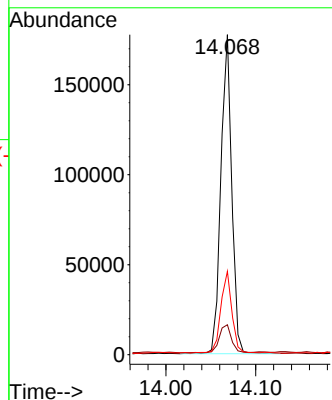
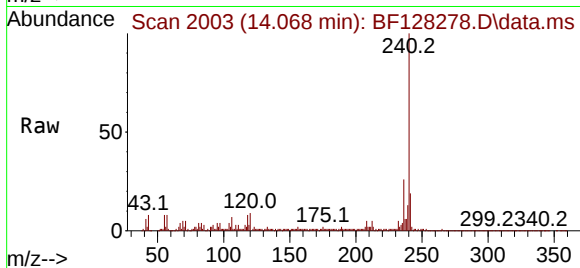




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

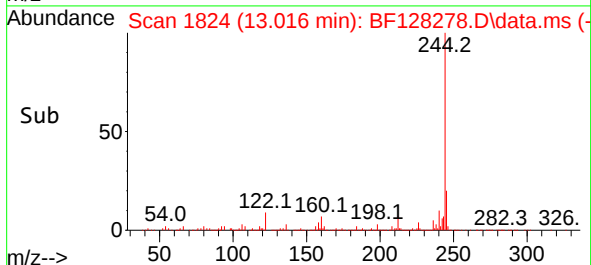
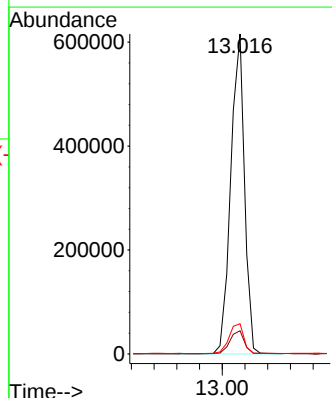
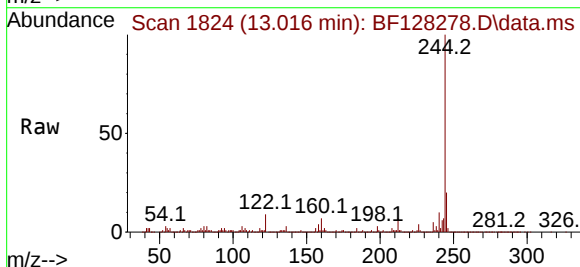
Instrument :
BNA_F
ClientSampleId :
NB-08-051322

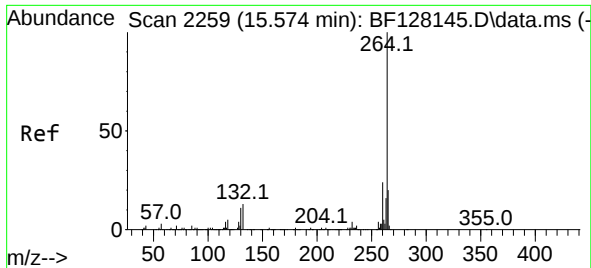
Tgt Ion:240 Resp: 148737
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 65.128 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF128278.D
Acq: 16 May 2022 20:15

Tgt Ion:244 Resp: 516247
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.5 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: BF128278.D
Acq: 16 May 2022 20:15

Instrument :
BNA_F
ClientSampleId :
NB-08-051322

Tgt Ion:264 Resp: 107300

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.7	17.5	26.3

