

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133072.D
 Acq On : 26 Apr 2023 19:01
 Operator : CG\JU
 Sample : 02491-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3

Quant Time: Apr 27 01:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

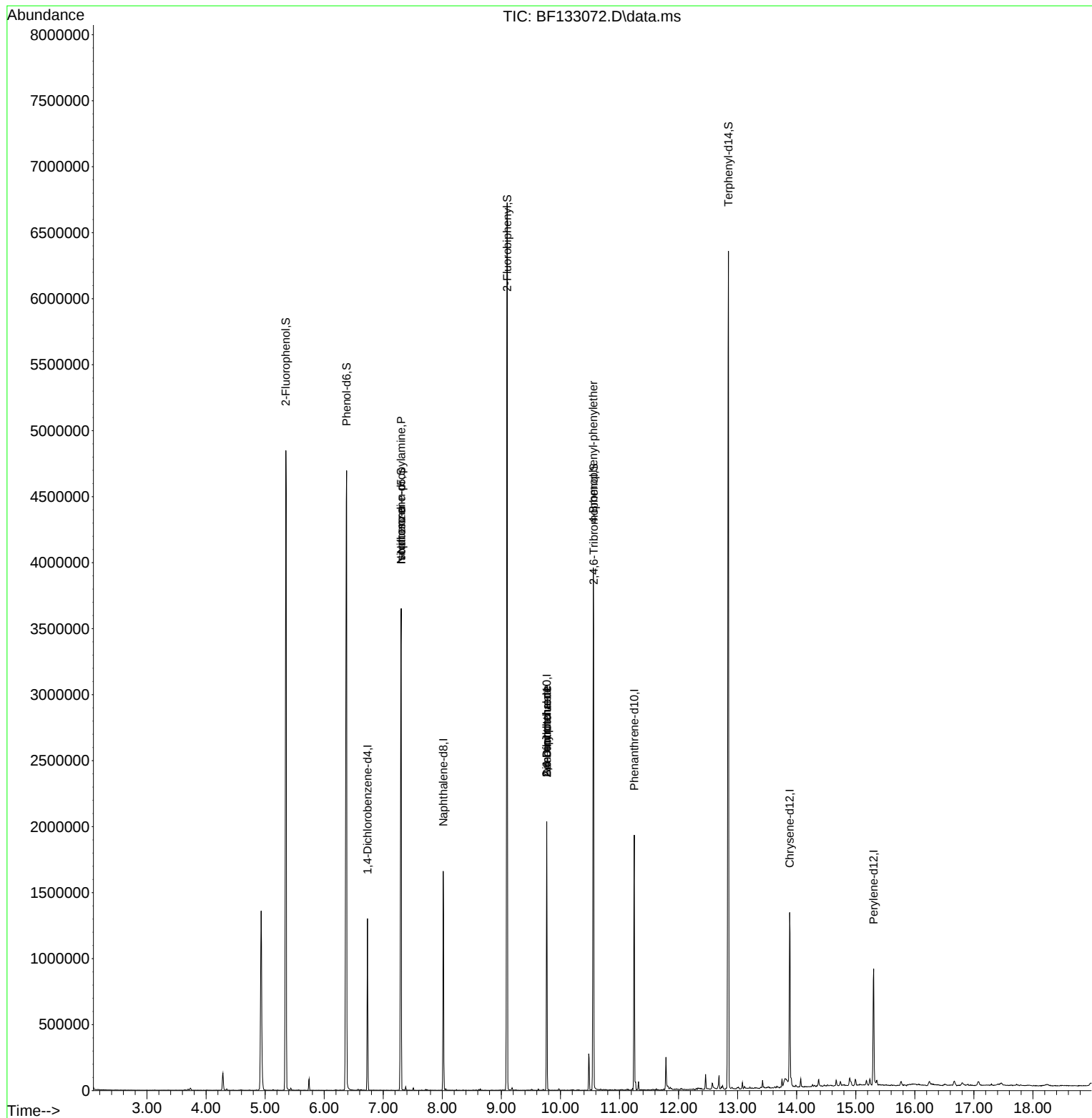
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	164786	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	679143	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	359172	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	672100	20.000	ng	0.00
76) Chrysene-d12	13.880	240	414428	20.000	ng	-0.01
86) Perylene-d12	15.304	264	356012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1645392	150.835	ng	0.01
7) Phenol-d6	6.381	99	2091598	154.478	ng	0.00
23) Nitrobenzene-d5	7.304	82	1264977	100.538	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	568592	157.410	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2128673	99.152	ng	0.00
79) Terphenyl-d14	12.845	244	2540362	105.719	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	238	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.304	70	168154	19.949	ng	# 75
25) Isophorone	7.304	82	1262825	52.862	ng	# 63
50) Dimethylphthalate	9.769	163	71413	2.851	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	45971	8.155	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	45971	6.395	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	34475	4.730	ng	# 1

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

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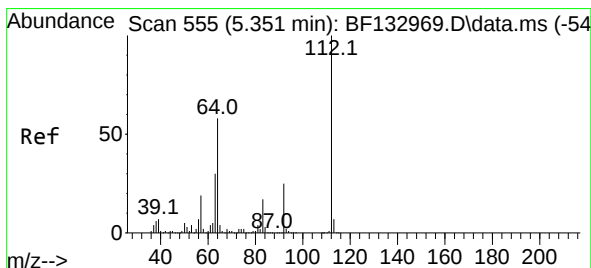
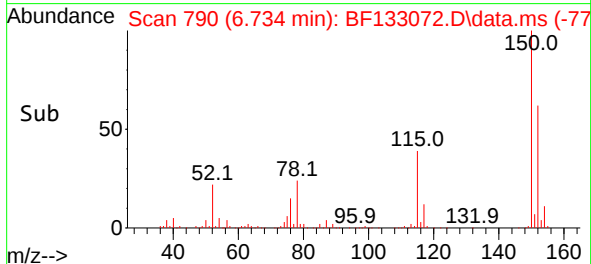
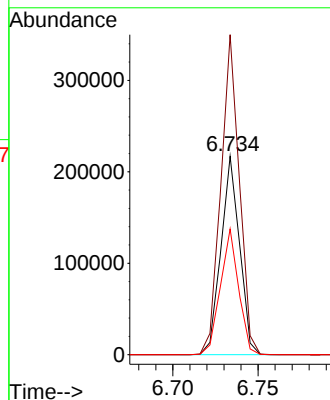
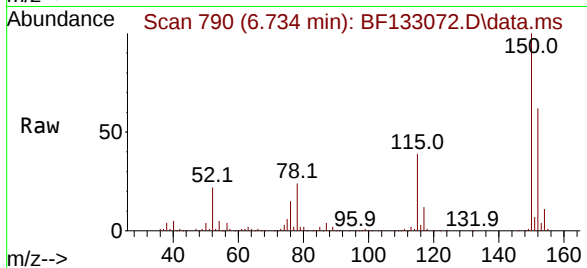




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

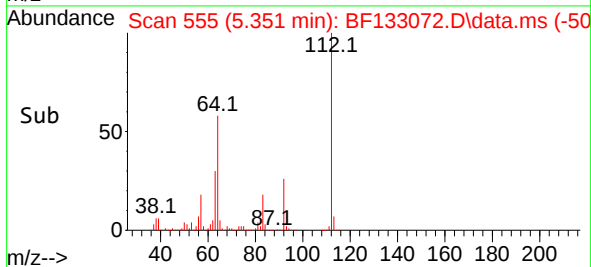
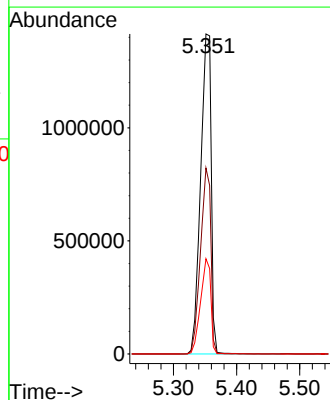
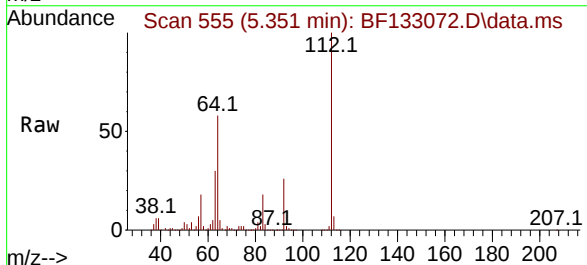
Instrument :
BNA_F
ClientSampleId :
S2S-TP3

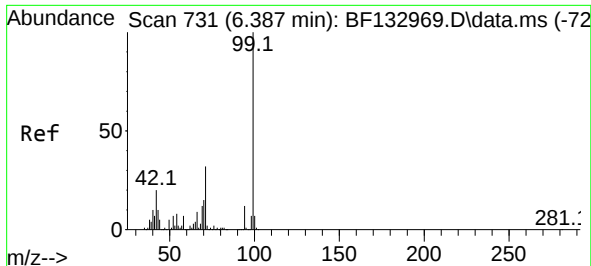
Tgt Ion:152 Resp: 164786
Ion Ratio Lower Upper
152 100
150 161.3 124.8 187.2
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 150.835 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Tgt Ion:112 Resp: 1645392
Ion Ratio Lower Upper
112 100
64 58.1 46.8 70.2
63 29.7 23.8 35.8





#7

Phenol-d6

Concen: 154.478 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

Instrument :

BNA_F

ClientSampleId :

S2S-TP3

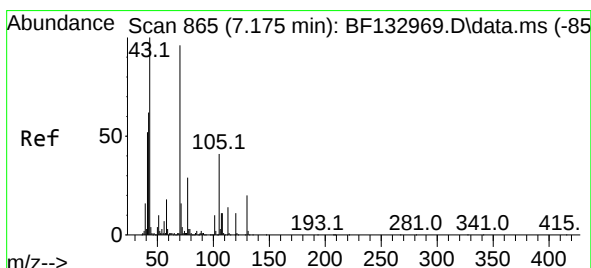
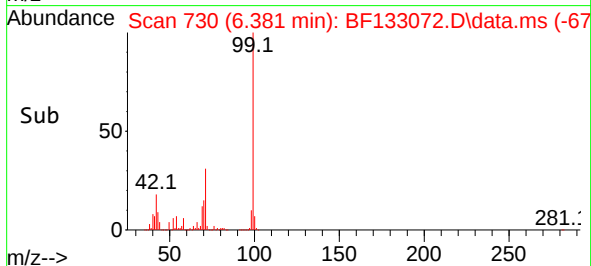
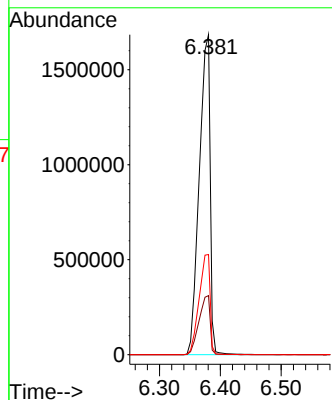
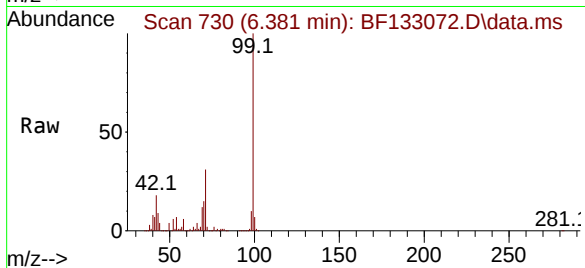
Tgt Ion: 99 Resp: 2091598

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 31.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.949 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

Tgt Ion: 70 Resp: 168154

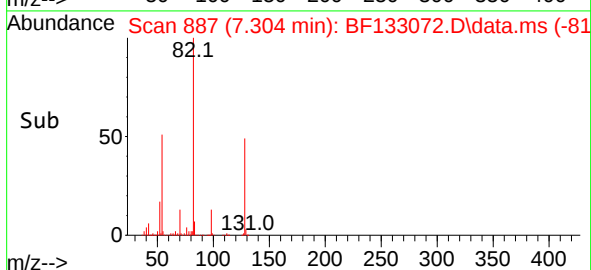
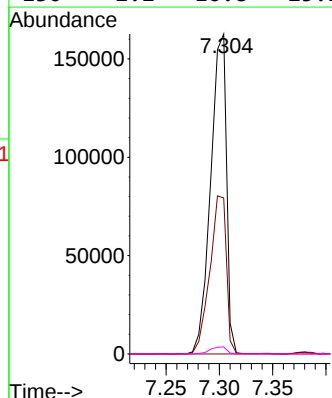
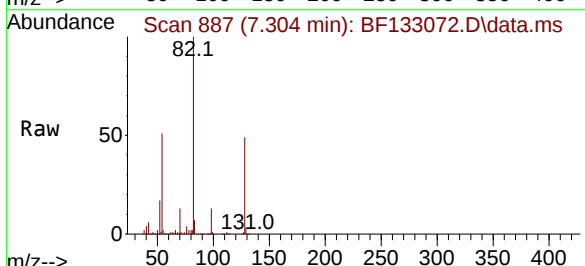
Ion Ratio Lower Upper

70 100

42 48.8 51.8 77.6#

101 0.0 8.0 12.0#

130 2.2 16.8 25.2#



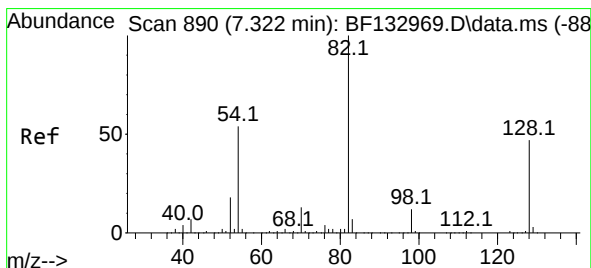
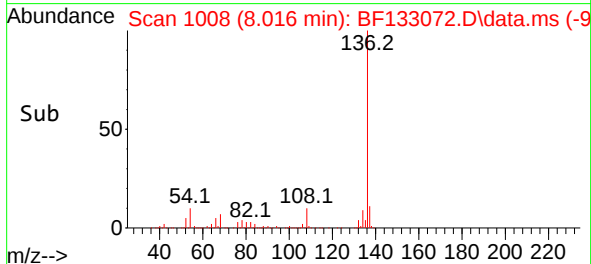
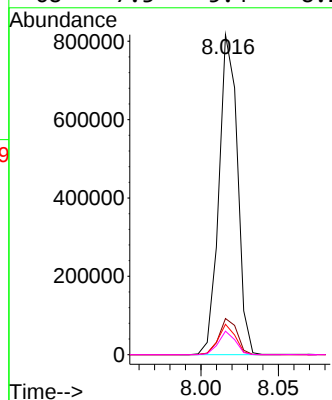
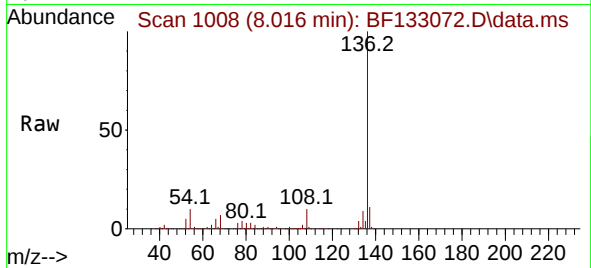


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Instrument :
BNA_F
ClientSampleId :
S2S-TP3

Tgt Ion:136 Resp: 679143

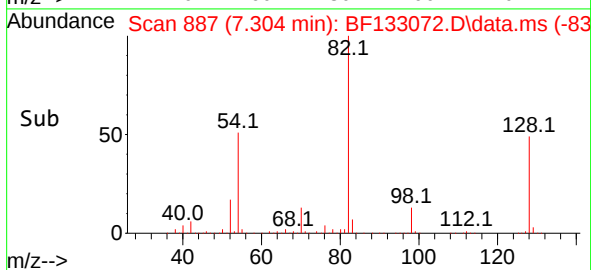
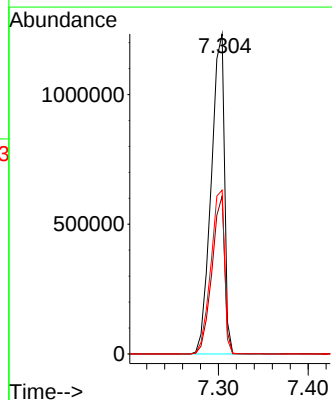
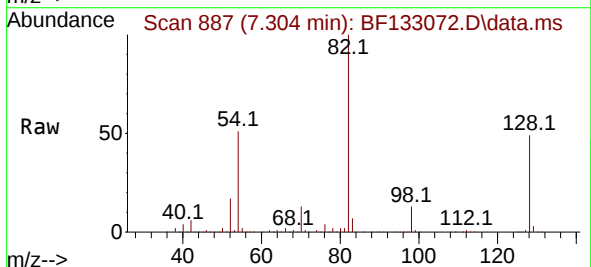
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.5	7.0	10.4
68	7.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 100.538 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Tgt Ion: 82 Resp: 1264977

Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.7	56.5
54	51.2	43.0	64.4

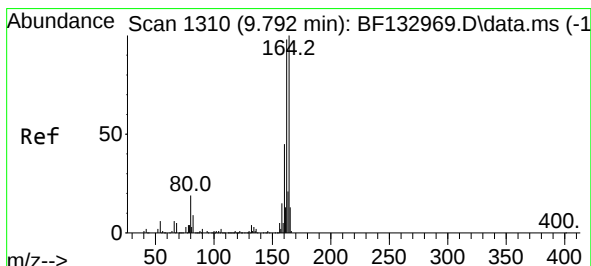
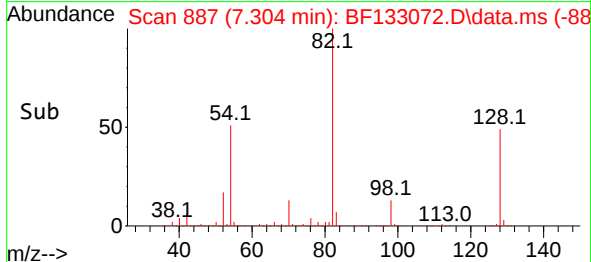
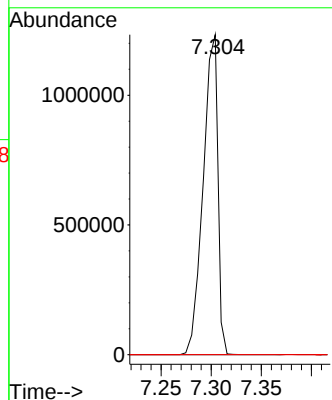
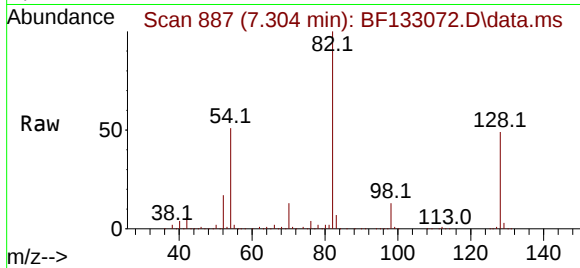




#25
Isophorone
Concen: 52.862 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

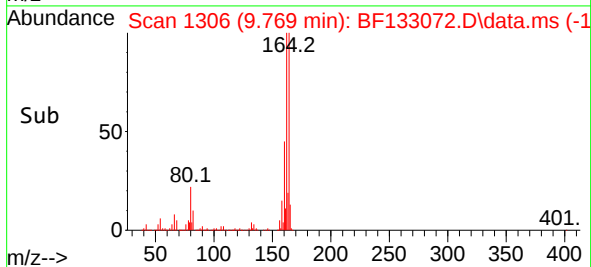
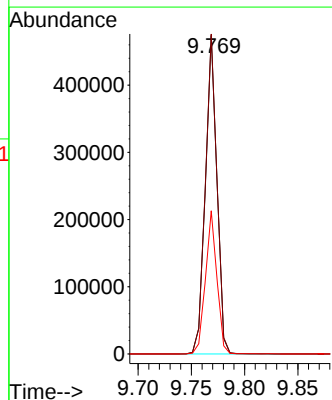
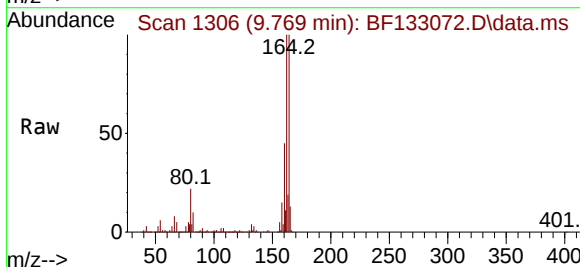
Instrument :
BNA_F
ClientSampleId :
S2S-TP3

Tgt Ion: 82 Resp: 1262825
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Tgt Ion:164 Resp: 359172
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 157.410 ng

RT: 10.563 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

Instrument :

BNA_F

ClientSampleId :

S2S-TP3

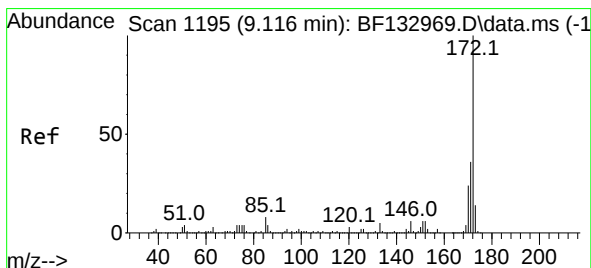
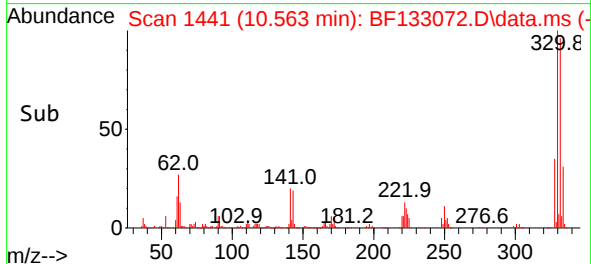
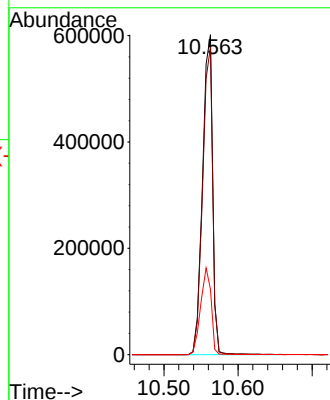
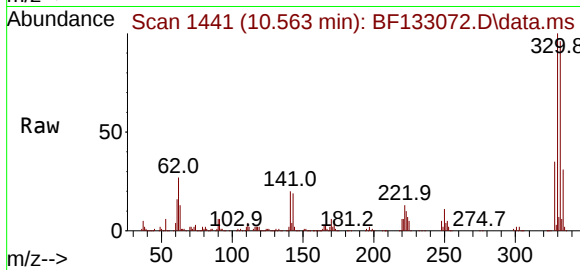
Tgt Ion:330 Resp: 568592

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 28.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 99.152 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

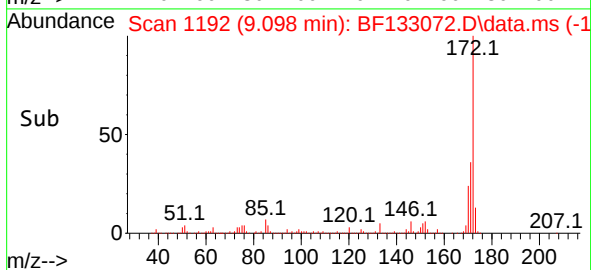
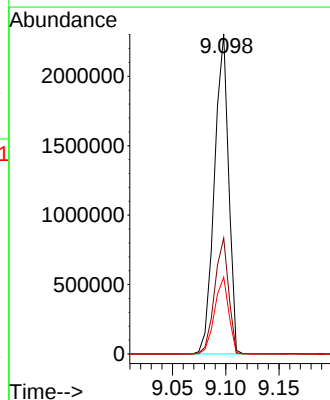
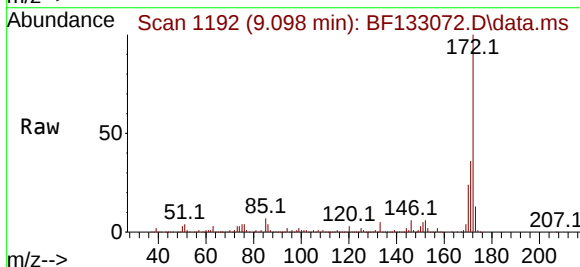
Tgt Ion:172 Resp: 2128673

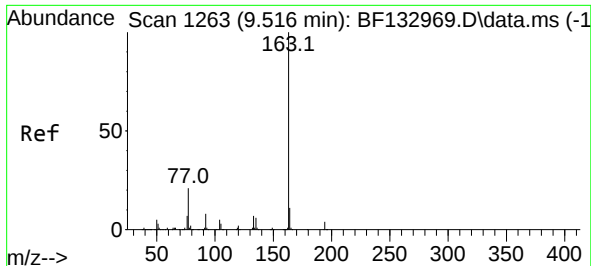
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.0 19.4 29.2

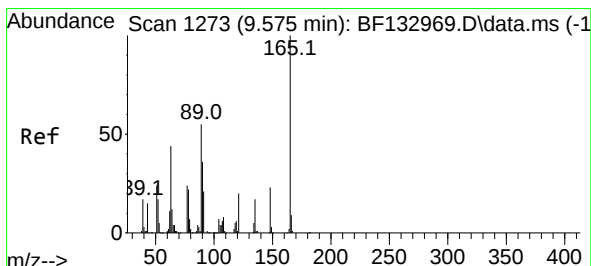
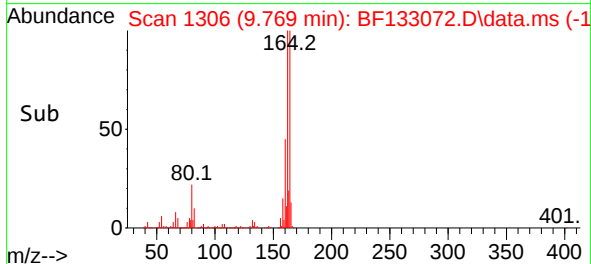
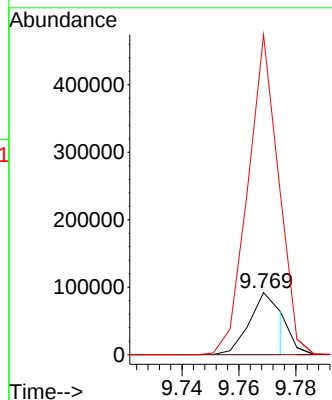
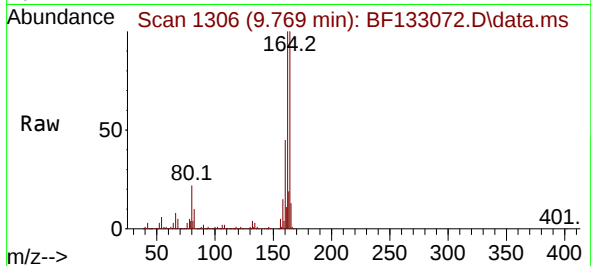




#50
Dimethylphthalate
Concen: 2.851 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.265 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

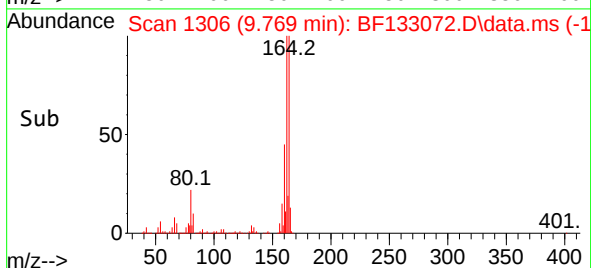
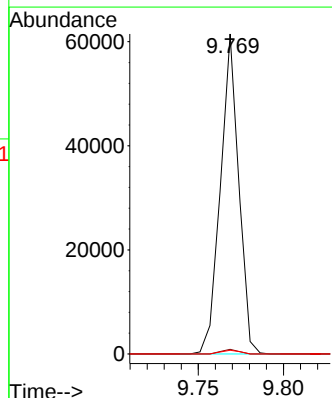
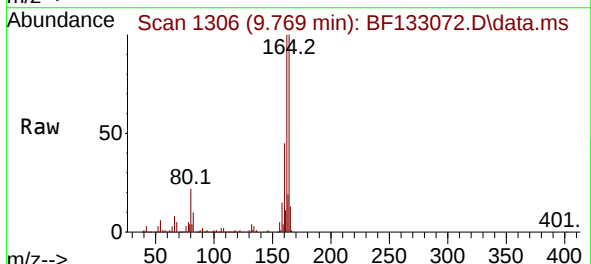
Instrument :
BNA_F
ClientSampleId :
S2S-TP3

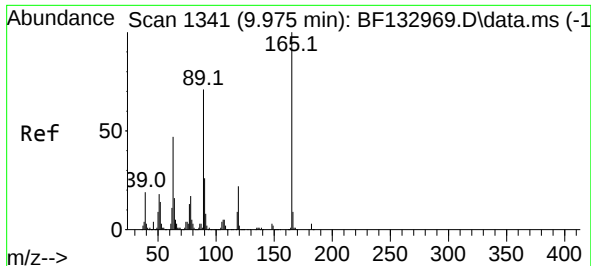
Tgt Ion:163 Resp: 71413
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 515.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Tgt Ion:165 Resp: 45971
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.2 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.395 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

Instrument :

BNA_F

ClientSampleId :

S2S-TP3

Tgt Ion:165 Resp: 45971

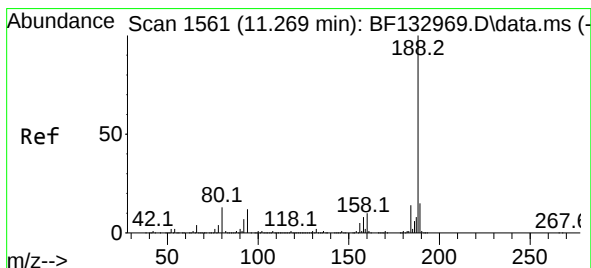
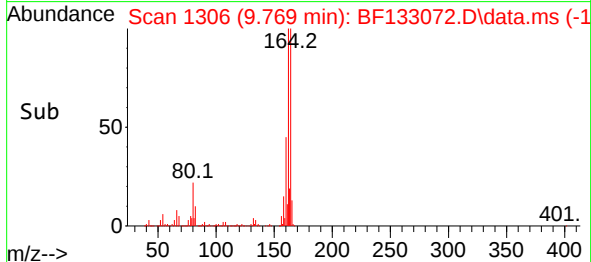
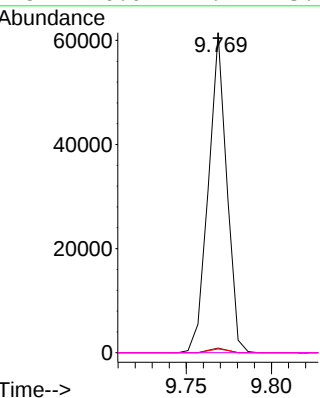
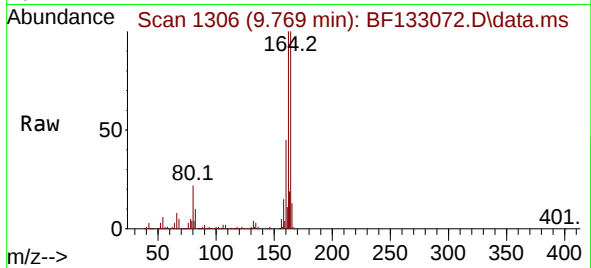
Ion Ratio Lower Upper

165 100

63 1.4 37.7 56.5#

89 1.2 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF133072.D

Acq: 26 Apr 2023 19:01

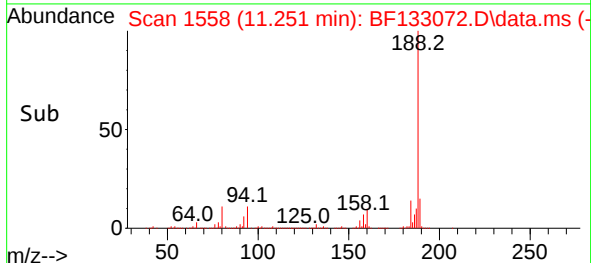
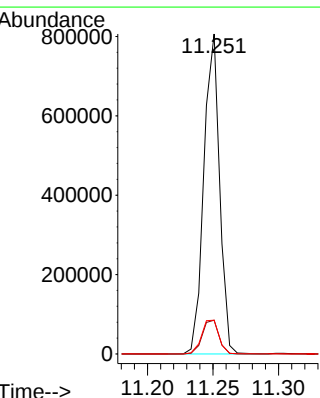
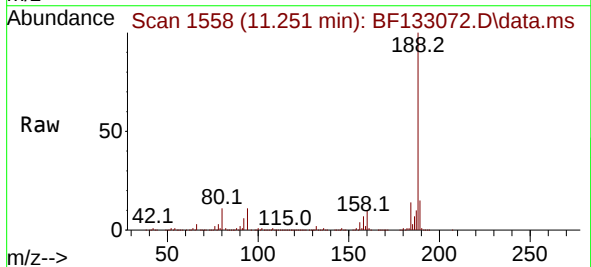
Tgt Ion:188 Resp: 672100

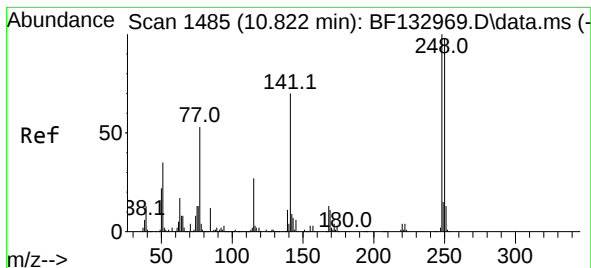
Ion Ratio Lower Upper

188 100

94 10.5 9.7 14.5

80 10.6 10.4 15.6

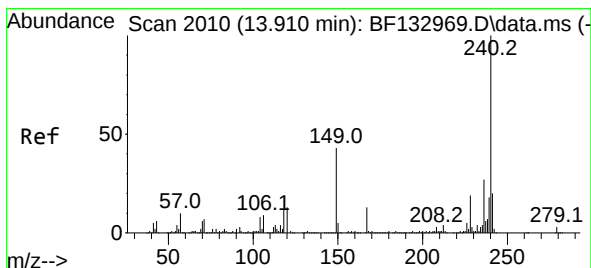
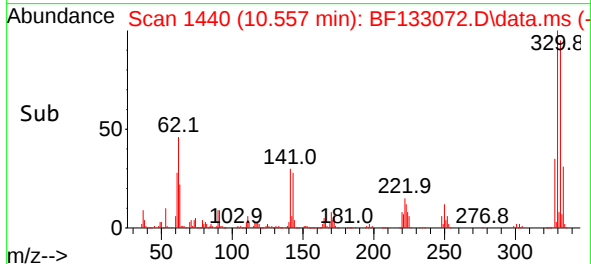
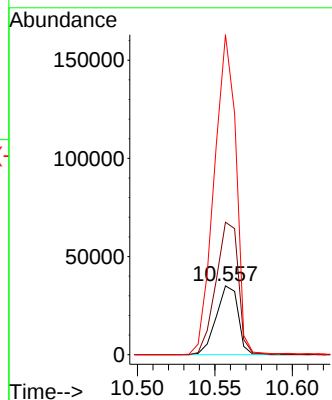
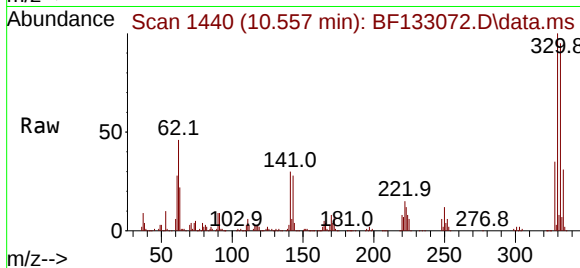




#67
4-Bromophenyl-phenylether
Concen: 4.730 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

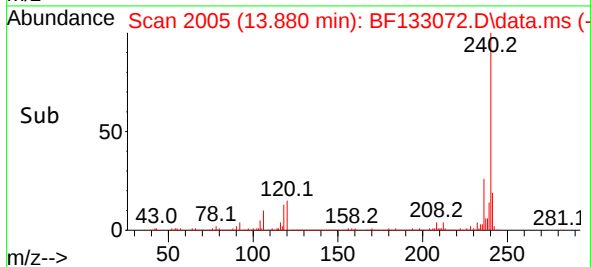
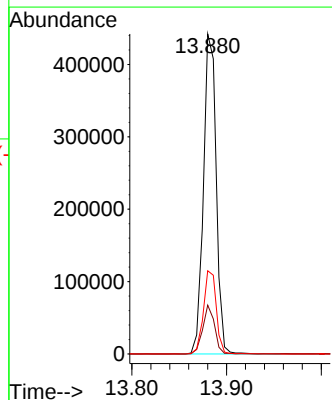
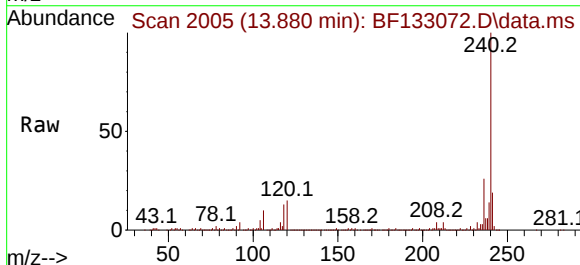
Instrument :
BNA_F
ClientSampleId :
S2S-TP3

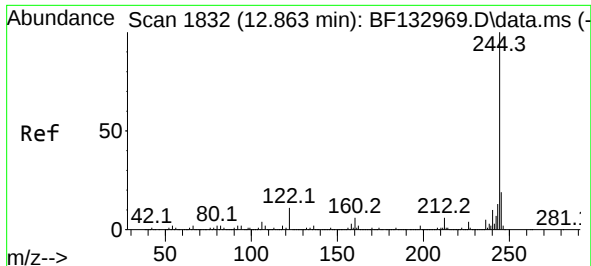
Tgt Ion:248 Resp: 34475
Ion Ratio Lower Upper
248 100
250 192.6 78.7 118.1#
141 465.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133072.D
Acq: 26 Apr 2023 19:01

Tgt Ion:240 Resp: 414428
Ion Ratio Lower Upper
240 100
120 15.2 10.5 15.7
236 26.0 21.5 32.3

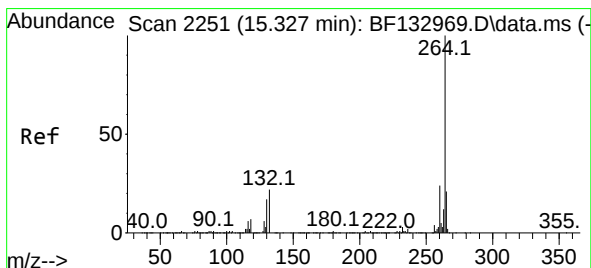
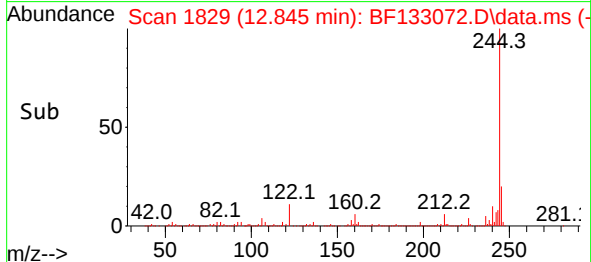
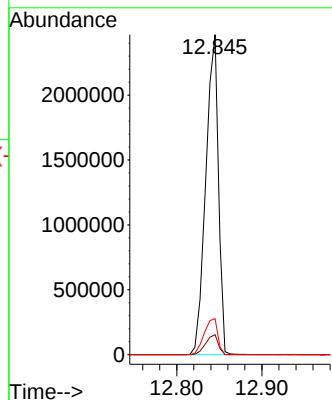
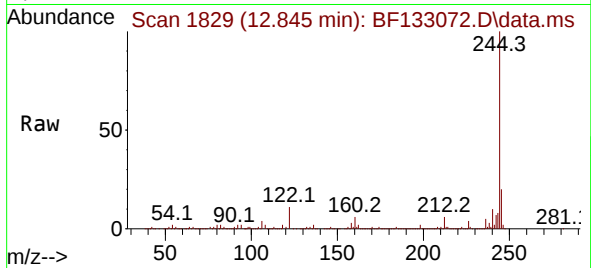




#79
 Terphenyl-d14
 Concen: 105.719 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133072.D
 Acq: 26 Apr 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3

Tgt Ion:244 Resp: 2540362
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133072.D
 Acq: 26 Apr 2023 19:01

Tgt Ion:264 Resp: 356012
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.1 17.0 25.4

