

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129816.D
 Acq On : 16 Aug 2022 18:06
 Operator : CG\JU
 Sample : N4136-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Aug 17 02:35:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

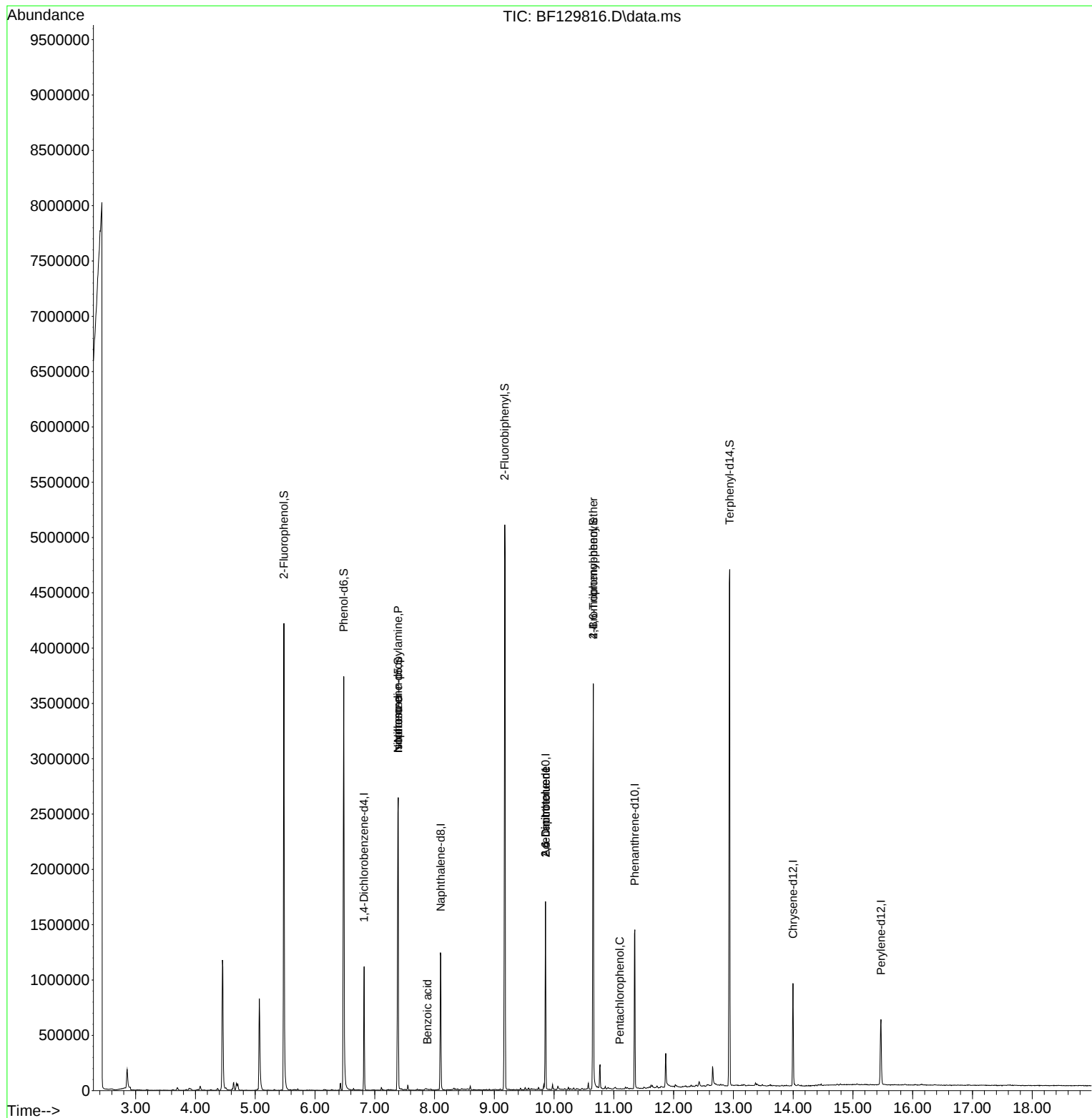
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	150464	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	610209	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	320550	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	536369	20.000	ng	0.00
76) Chrysene-d12	13.998	240	291920	20.000	ng	0.00
86) Perylene-d12	15.468	264	263707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1132026	124.568	ng	0.02
7) Phenol-d6	6.481	99	1326960	116.602	ng	0.00
23) Nitrobenzene-d5	7.392	82	967286	84.857	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	452983	140.800	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1802197	85.390	ng	-0.01
79) Terphenyl-d14	12.939	244	1731988	98.723	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	414	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.392	70	130153	18.094	ng	# 73
25) Isophorone	7.392	82	967275	49.302	ng	# 65
32) Benzoic acid	7.881	122	2905	3.198	ng	# 90
51) 2,6-Dinitrotoluene	9.857	165	42619	8.550	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	42619	6.586	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	28108	4.474	ng	# 1
70) Pentachlorophenol	11.098	266	271	5.306	ng	# 59
77) Benzidine	12.939	184	24291	Below Cal	#	91

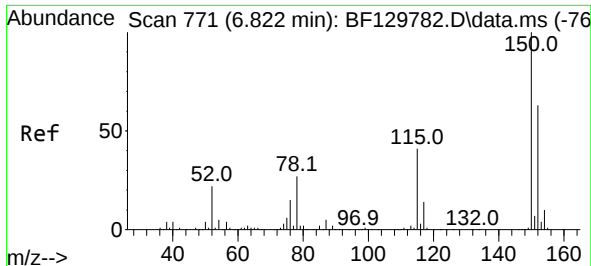
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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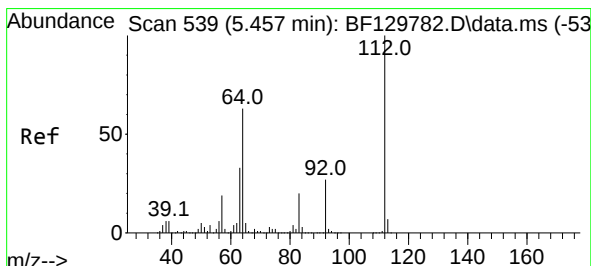
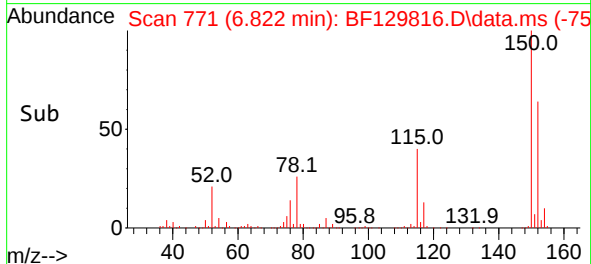
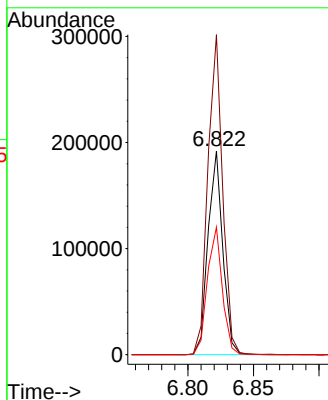
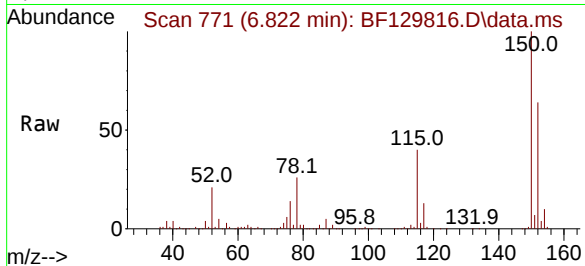




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

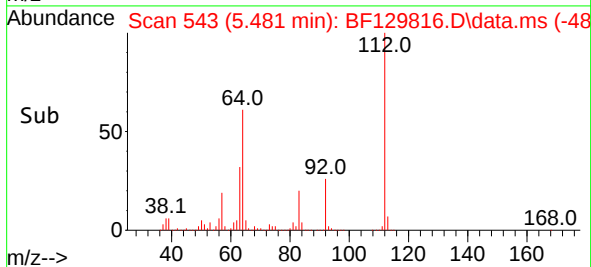
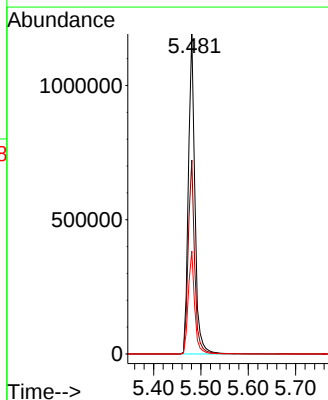
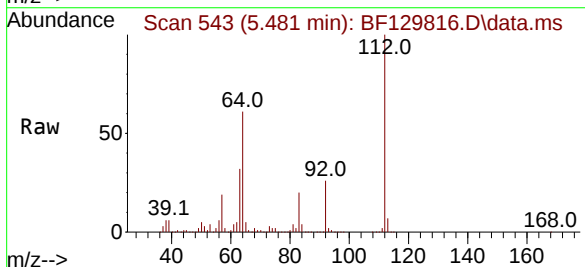
Instrument :
BNA_F
ClientSampleId :
WC-5

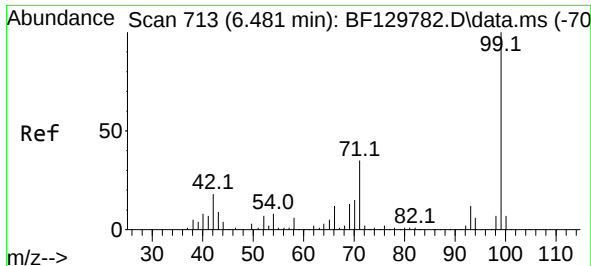
Tgt Ion:152 Resp: 150464
Ion Ratio Lower Upper
152 100
150 157.2 126.9 190.3
115 62.6 53.4 80.0



#5
2-Fluorophenol
Concen: 124.568 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.018 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion:112 Resp: 1132026
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.2 24.6 37.0

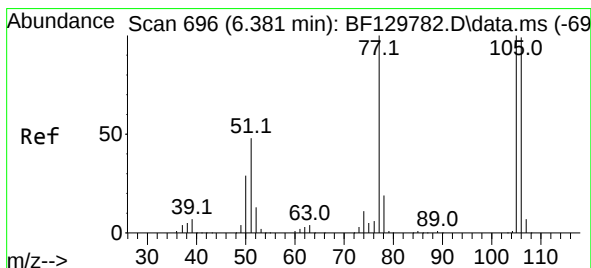
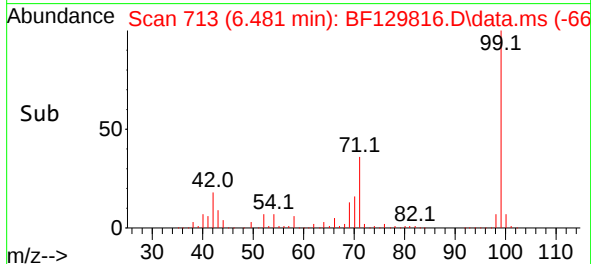
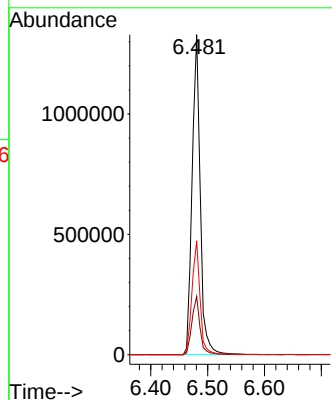
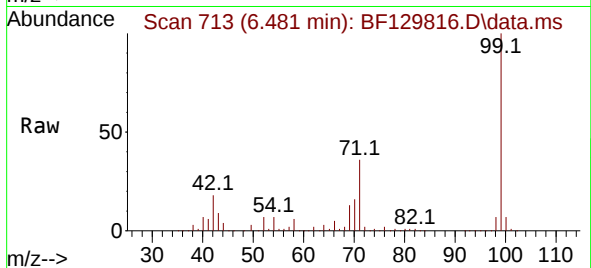




#7
Phenol-d6
Concen: 116.602 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

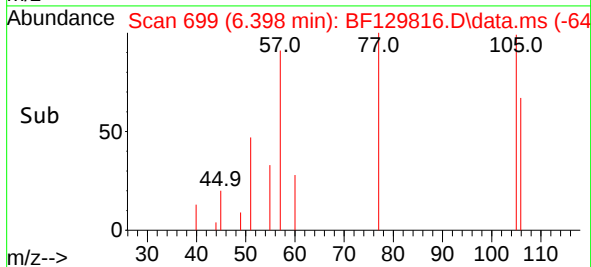
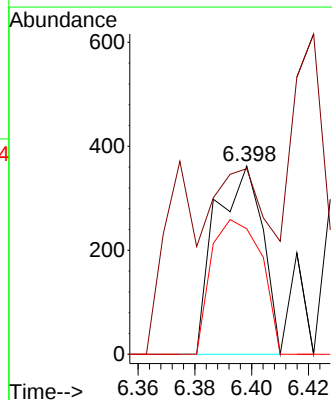
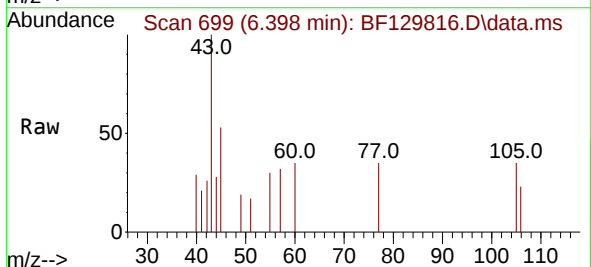
Instrument :
BNA_F
ClientSampleId :
WC-5

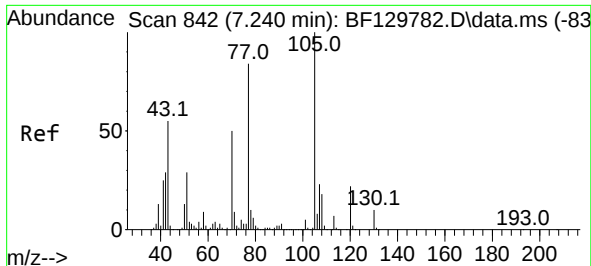
Tgt Ion: 99 Resp: 1326960
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.017 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion: 77 Resp: 414
Ion Ratio Lower Upper
77 100
105 98.6 80.3 120.3
106 66.6 74.3 114.3#

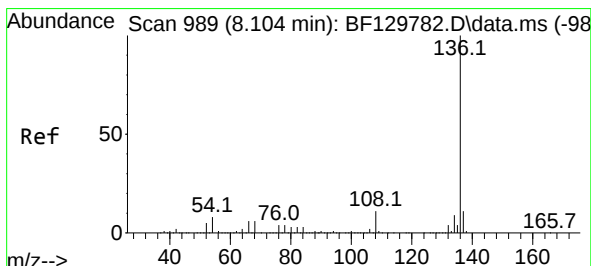
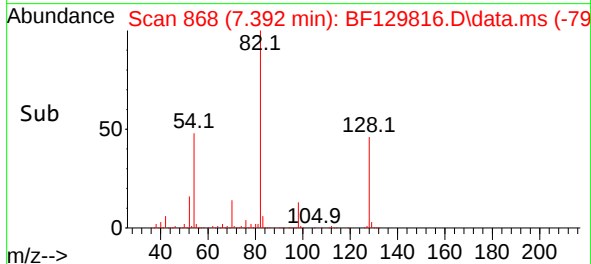
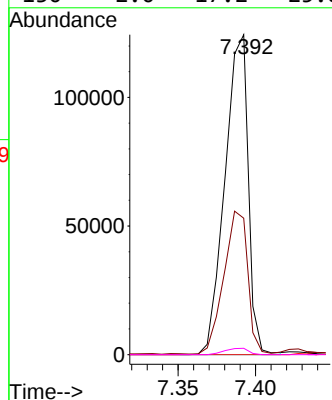
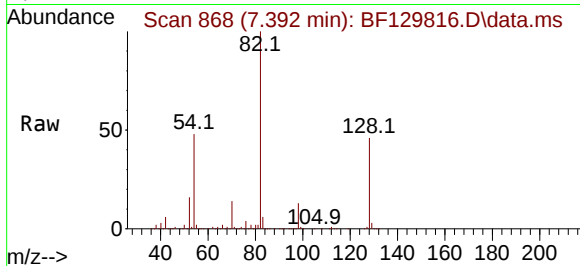




#19
n-Nitroso-di-n-propylamine
Concen: 18.094 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

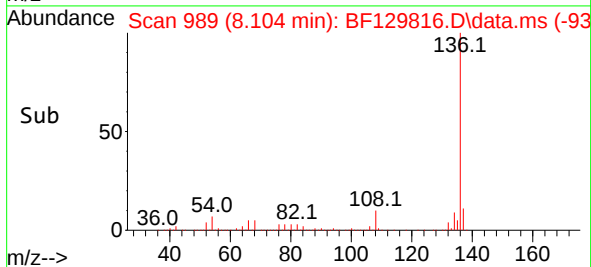
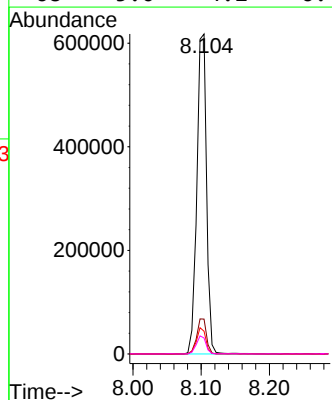
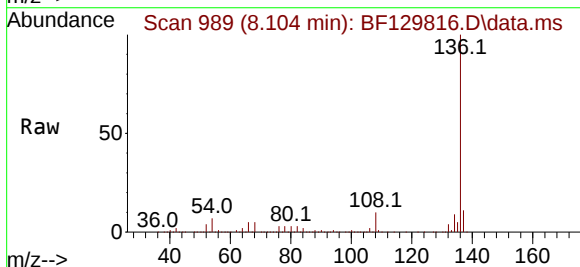
Instrument :
BNA_F
ClientSampleId :
WC-5

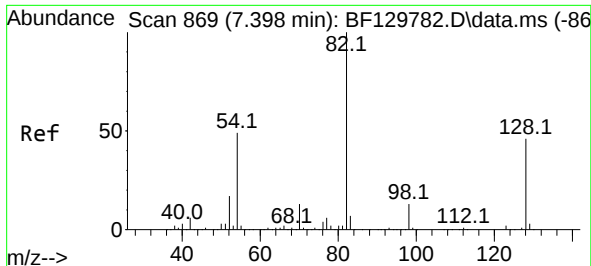
Tgt Ion: 70 Resp: 130153
Ion Ratio Lower Upper
70 100
42 42.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion:136 Resp: 610209
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.1 6.2 9.2
68 5.0 4.2 6.4

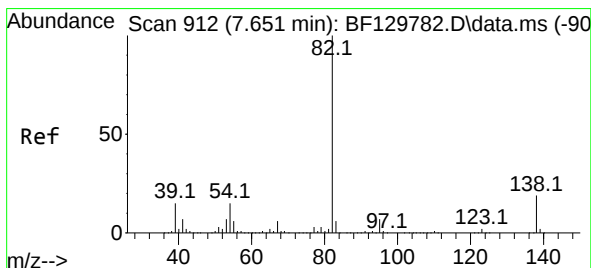
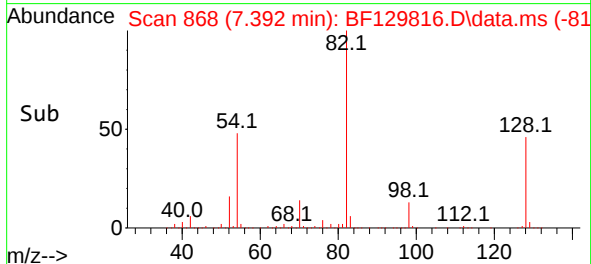
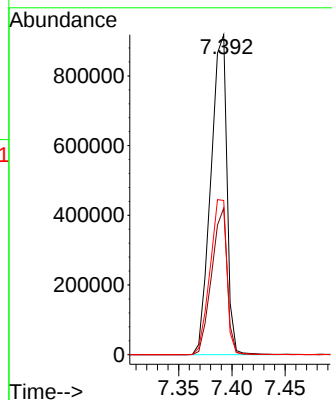
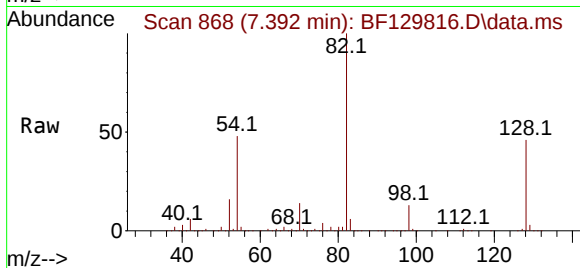




#23
Nitrobenzene-d5
Concen: 84.857 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

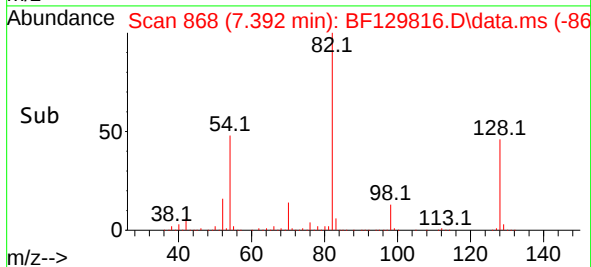
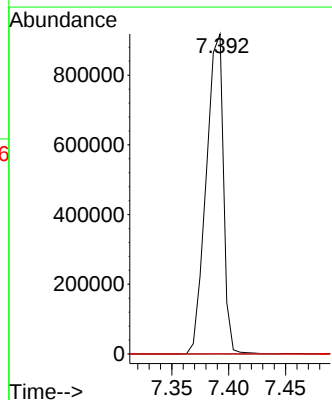
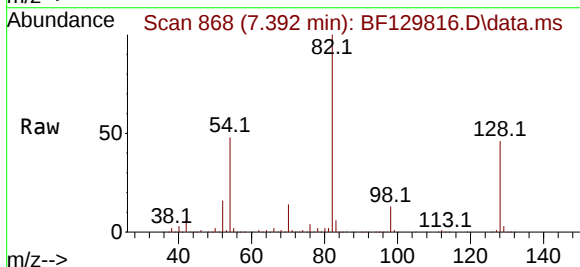
Instrument :
BNA_F
ClientSampleId :
WC-5

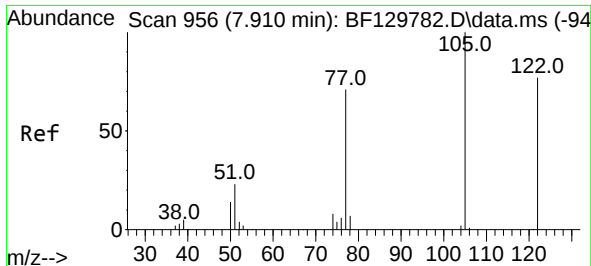
Tgt Ion: 82 Resp: 967286
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 48.2 40.0 60.0



#25
Isophorone
Concen: 49.302 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion: 82 Resp: 967275
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

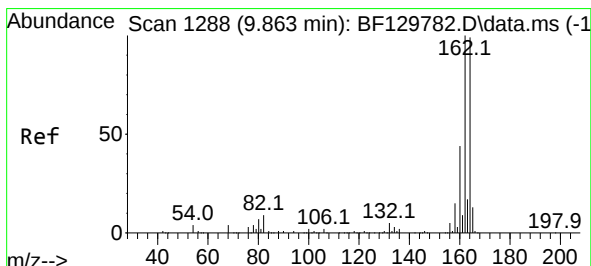
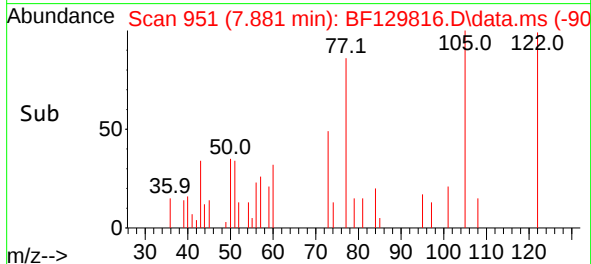
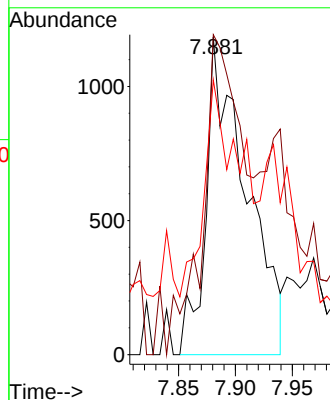
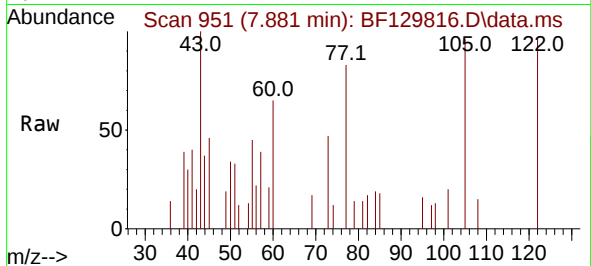




#32
Benzoic acid
Concen: 3.198 ng
RT: 7.881 min Scan# 91
Delta R.T. -0.035 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

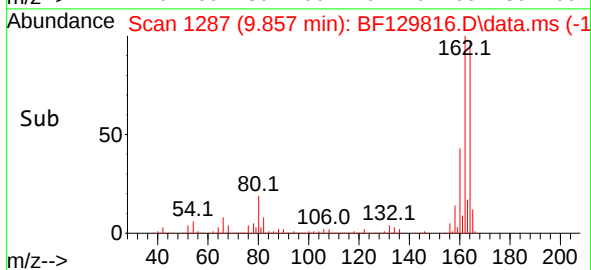
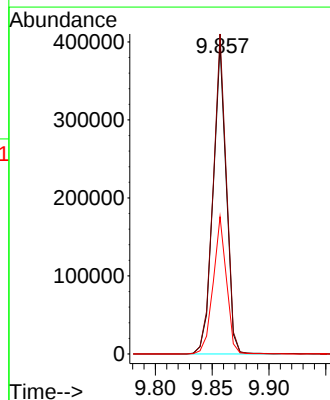
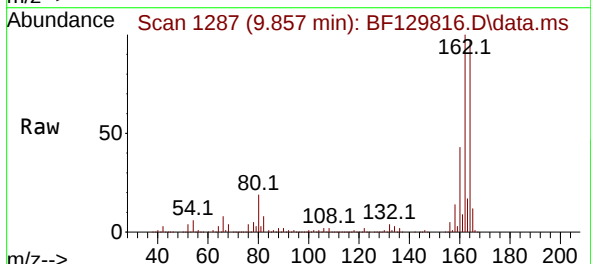
Instrument :
BNA_F
ClientSampleId :
WC-5

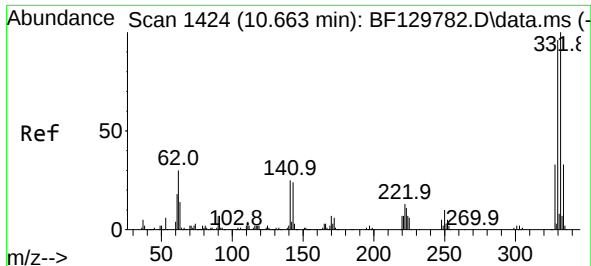
Tgt Ion:122	Resp:	2905
Ion	Ratio	Lower Upper
122	100	
105	100.8	99.9 139.9
77	86.5	65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion:164	Resp:	320550
Ion	Ratio	Lower Upper
164	100	
162	103.6	82.0 123.0
160	44.4	35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 140.800 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

WC-5

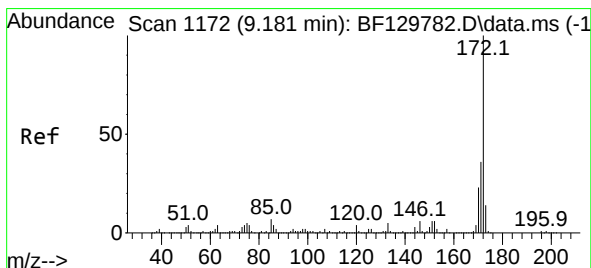
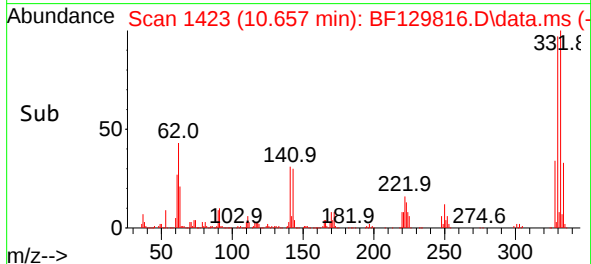
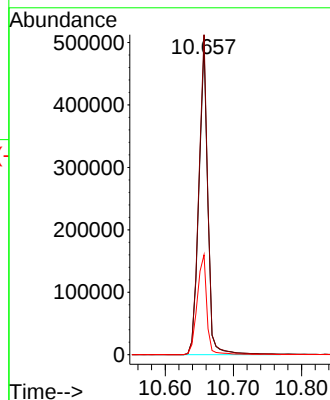
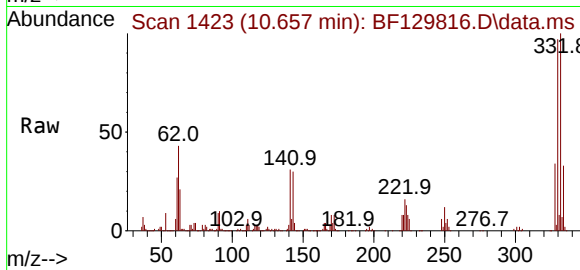
Tgt Ion:330 Resp: 452983

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 34.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.390 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

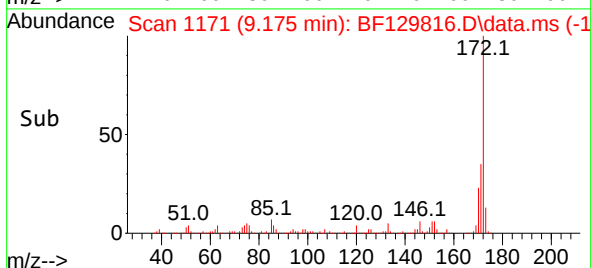
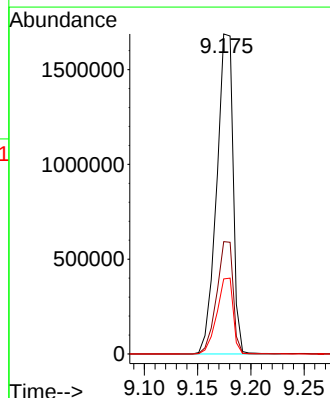
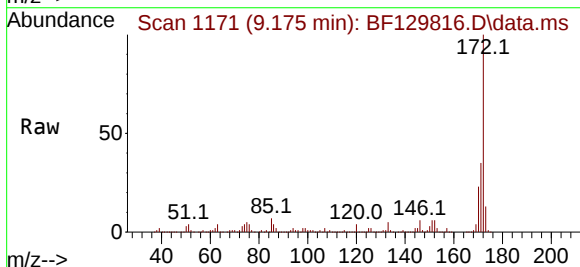
Tgt Ion:172 Resp: 1802197

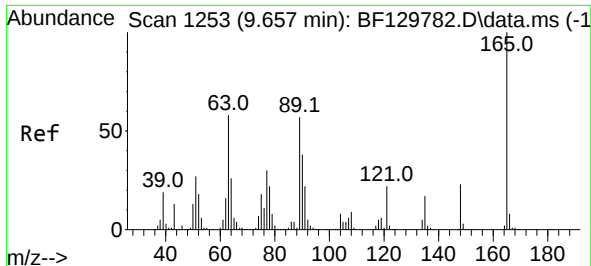
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.1 28.7

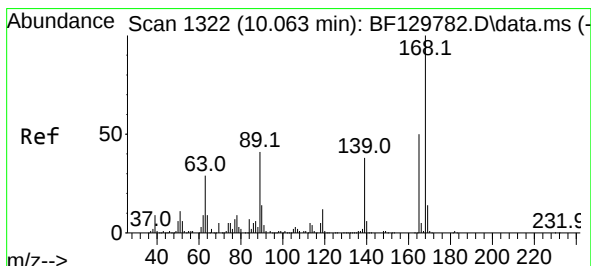
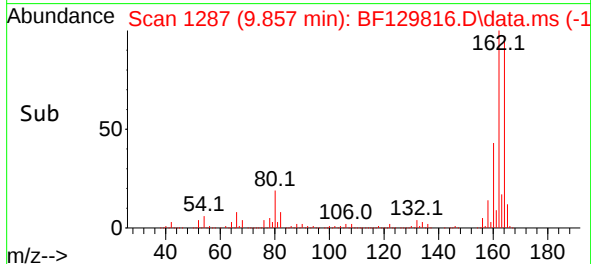
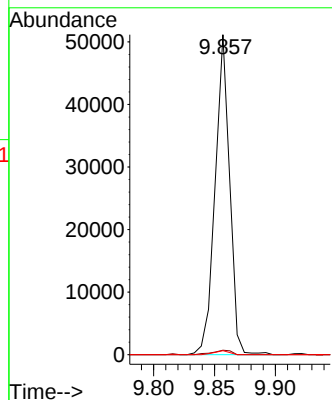
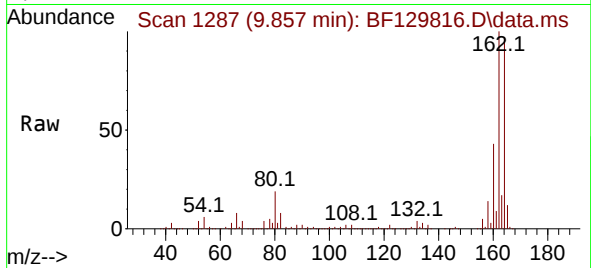




#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

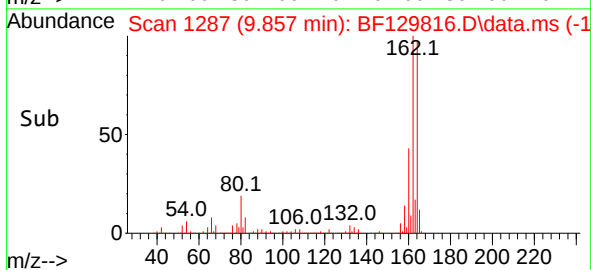
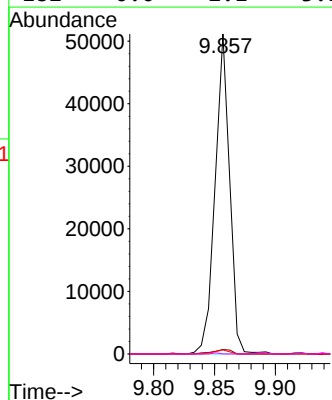
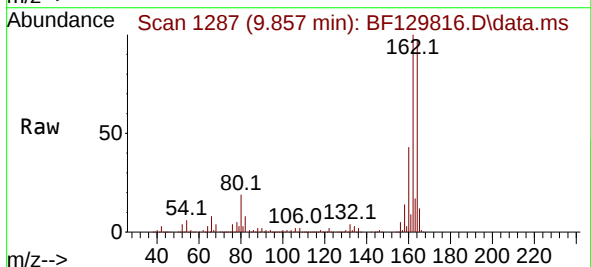
Instrument :
BNA_F
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WC-5

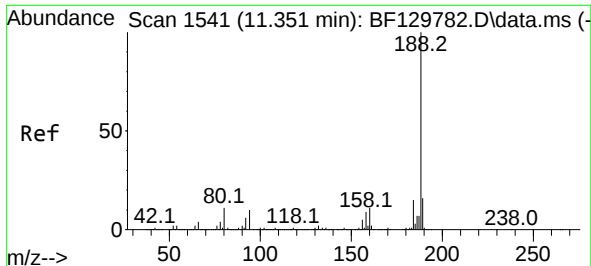
Tgt Ion:165 Resp: 42619
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.586 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion:165 Resp: 42619
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

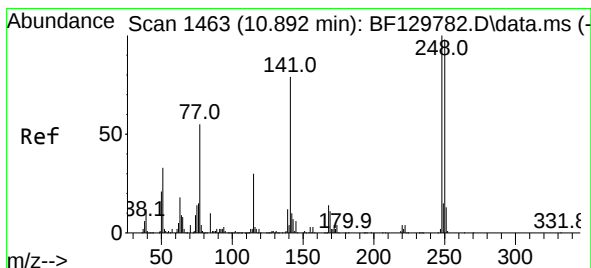
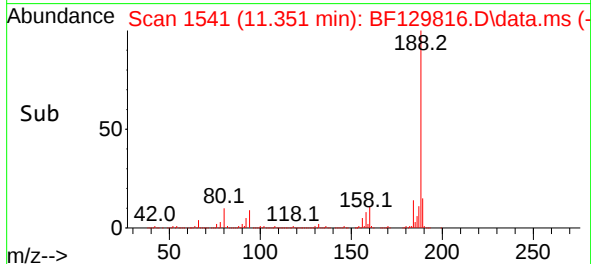
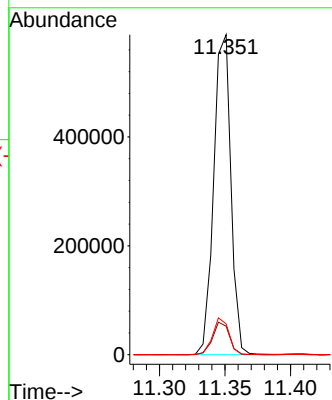
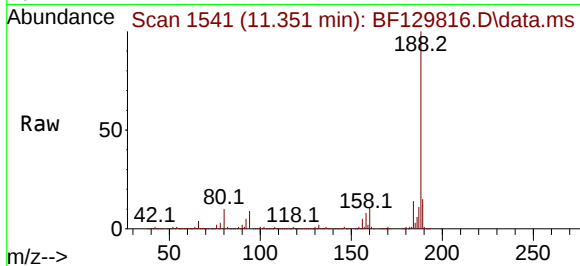




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

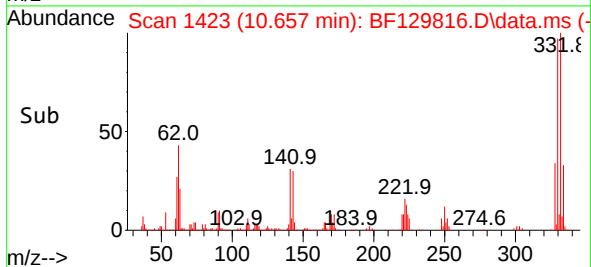
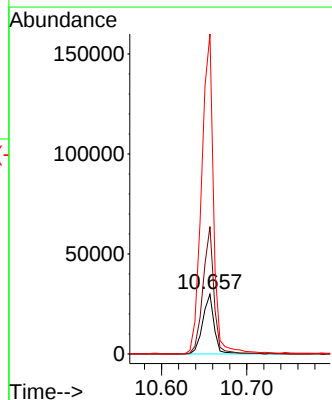
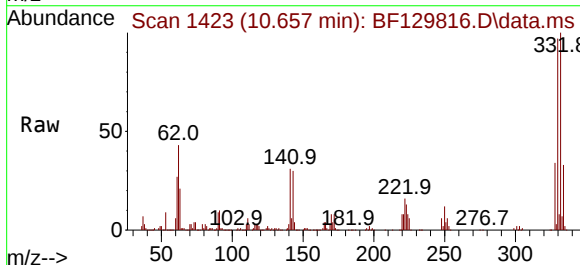
Instrument :
BNA_F
ClientSampleId :
WC-5

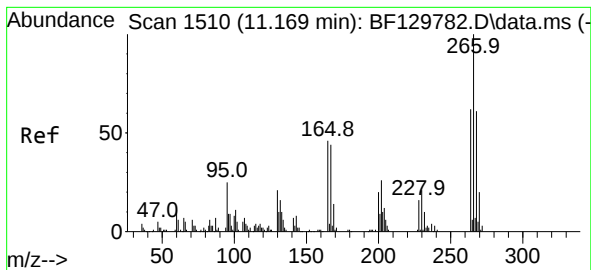
Tgt Ion:188 Resp: 536369
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.474 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129816.D
Acq: 16 Aug 2022 18:06

Tgt Ion:248 Resp: 28108
Ion Ratio Lower Upper
248 100
250 213.1 77.8 116.6#
141 535.5 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.306 ng

RT: 11.098 min Scan# 1498

Delta R.T. -0.071 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

WC-5

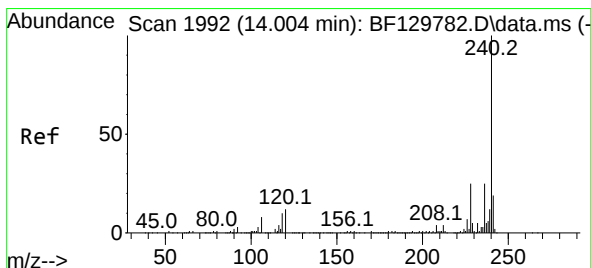
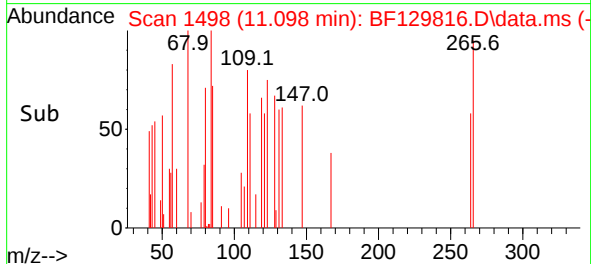
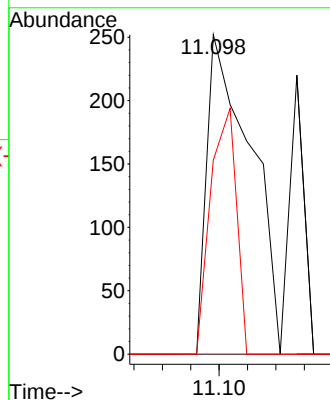
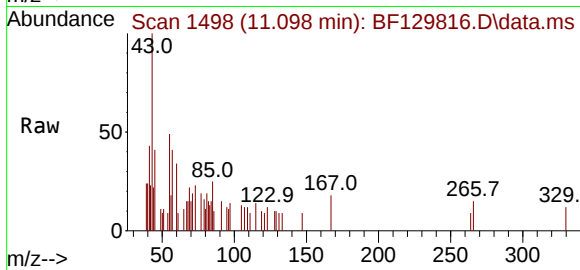
Tgt Ion:266 Resp: 271

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 60.7 47.9 71.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

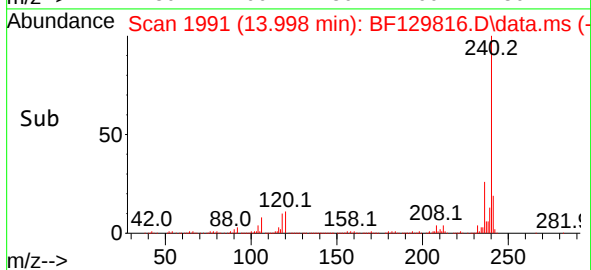
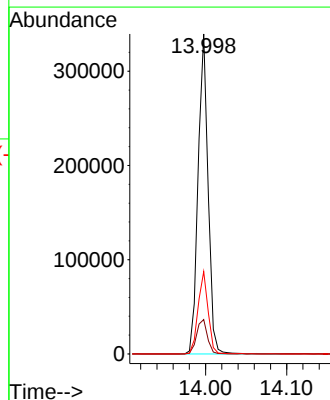
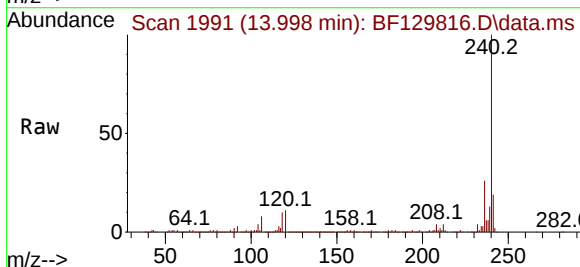
Tgt Ion:240 Resp: 291920

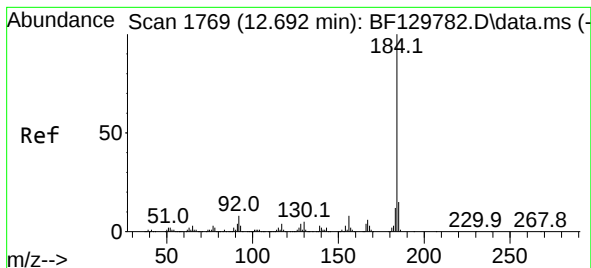
Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 25.7 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

WC-5

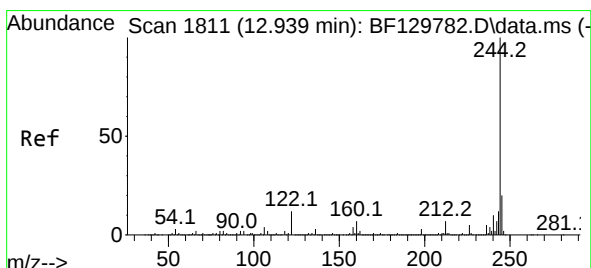
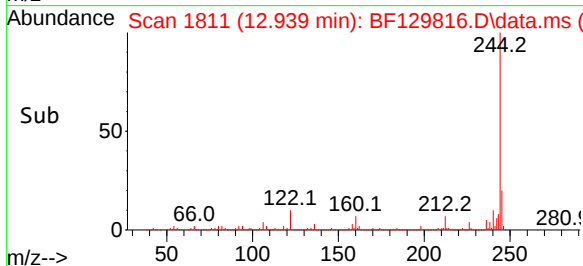
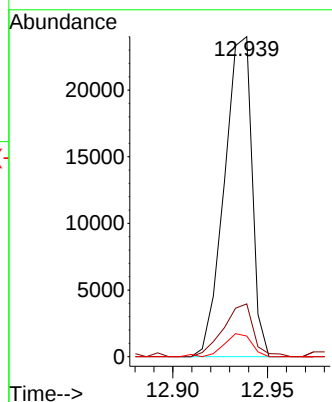
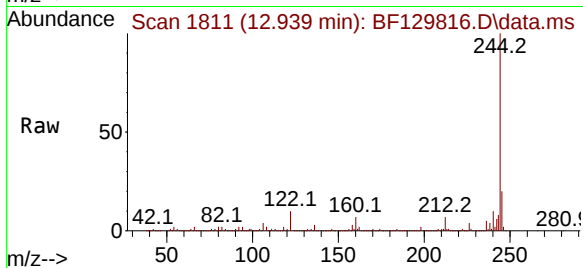
Tgt Ion:184 Resp: 24291

Ion Ratio Lower Upper

184 100

185 16.5 11.4 17.2

183 6.4 9.4 14.2#



#79

Terphenyl-d14

Concen: 98.723 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF129816.D

Acq: 16 Aug 2022 18:06

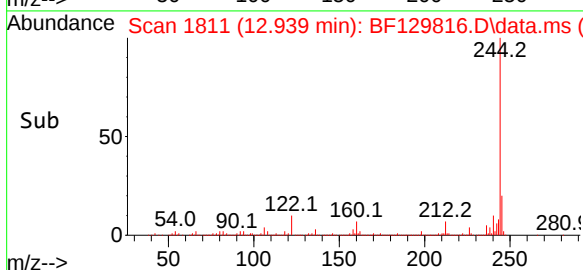
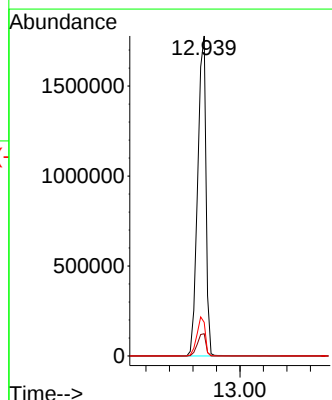
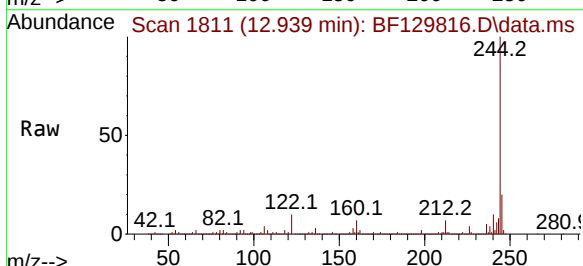
Tgt Ion:244 Resp: 1731988

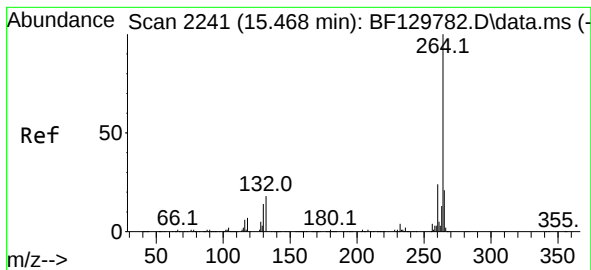
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.5 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129816.D

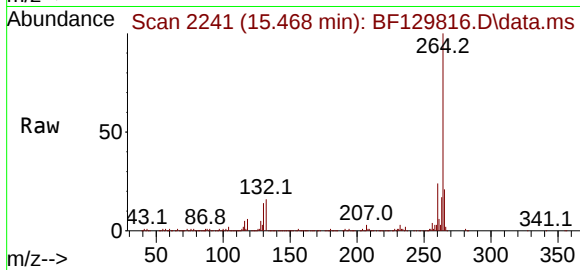
Acq: 16 Aug 2022 18:06

Instrument :

BNA_F

ClientSampleId :

WC-5



Tgt Ion:264 Resp: 263707

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.4 16.7 25.1

