

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129988.D
 Acq On : 25 Aug 2022 00:28
 Operator : CG\JU
 Sample : N4272-03RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124055RX

Quant Time: Aug 25 04:18:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

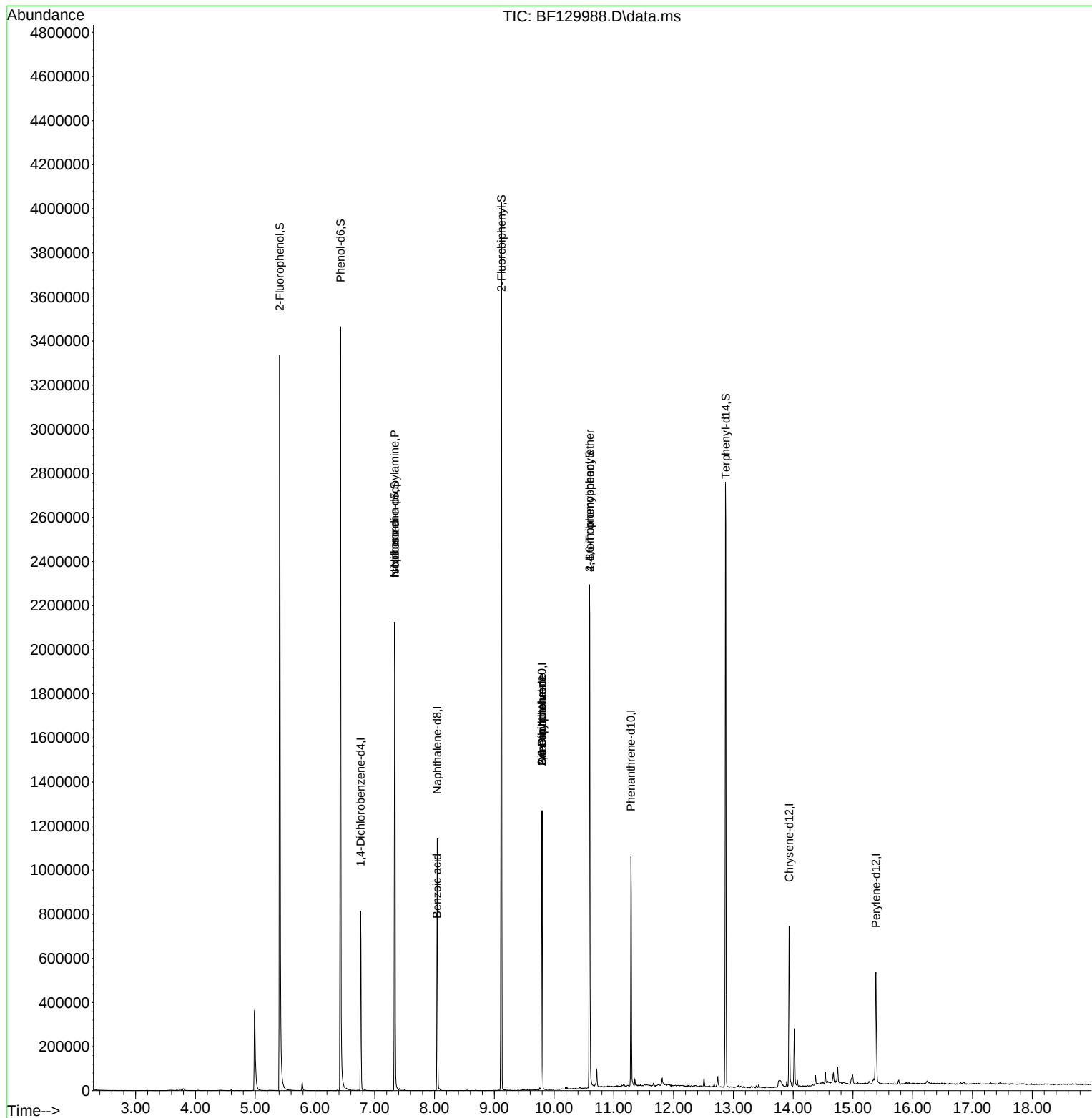
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	114276	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	452816	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	228046	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	357579	20.000	ng	0.00
76) Chrysene-d12	13.933	240	225350	20.000	ng	0.00
86) Perylene-d12	15.386	264	234309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	882937	127.925	ng	0.00
7) Phenol-d6	6.428	99	1086251	125.677	ng	0.00
23) Nitrobenzene-d5	7.334	82	722548	85.420	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	264739	115.668	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1170024	77.925	ng	0.00
79) Terphenyl-d14	12.874	244	910624	67.239	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	1835	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.334	70	97886	17.917	ng	# 77
25) Isophorone	7.334	82	722542	49.629	ng	# 65
32) Benzoic acid	8.039	122	161	2.227	ng	# 1
50) Dimethylphthalate	9.798	163	40205	2.459	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29693	8.373	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	29693	6.450	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	17042	4.069	ng	# 1
77) Benzidine	12.869	184	13219	Below Cal	#	92

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

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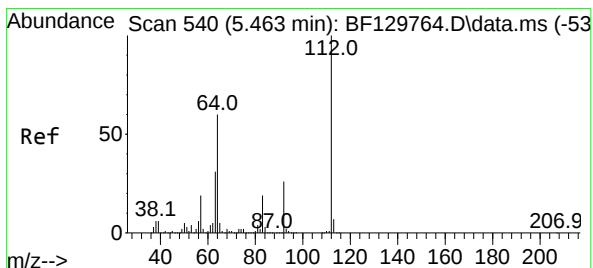
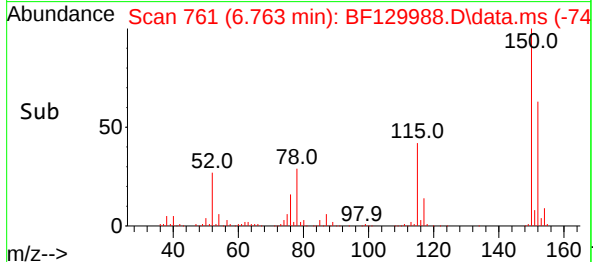
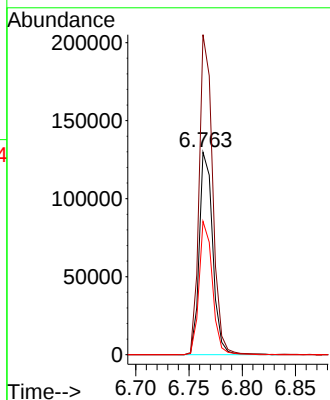
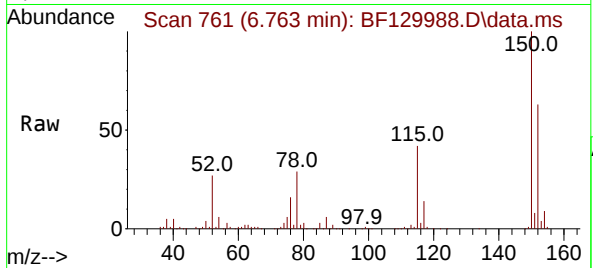




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

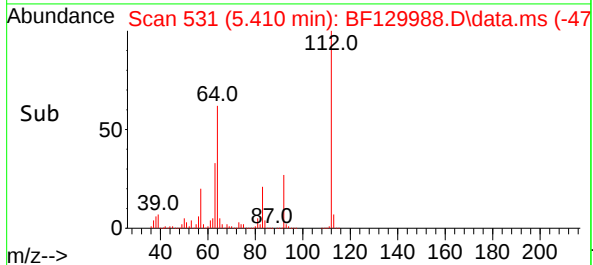
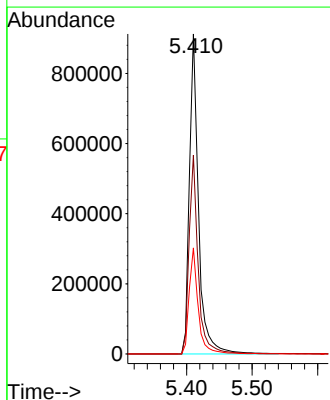
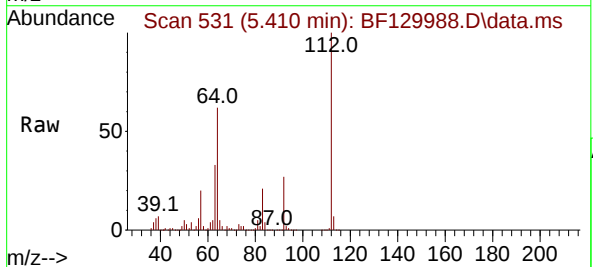
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

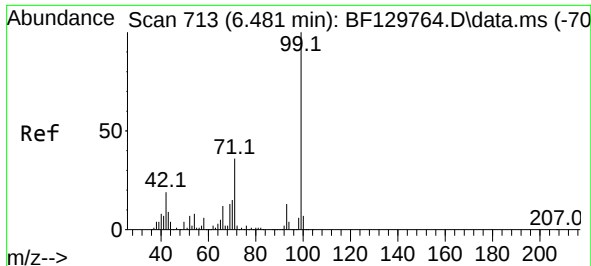
Tgt Ion:152 Resp: 114276
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 65.9 53.4 80.0



#5
2-Fluorophenol
Concen: 127.925 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:112 Resp: 882937
Ion Ratio Lower Upper
112 100
64 62.2 47.6 71.4
63 33.2 24.6 37.0



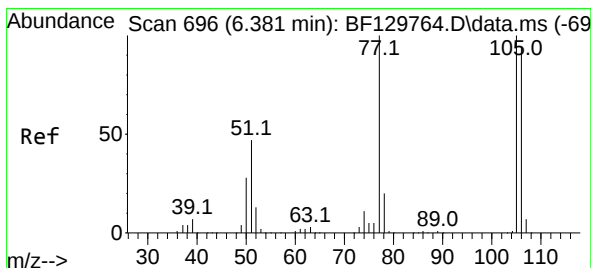
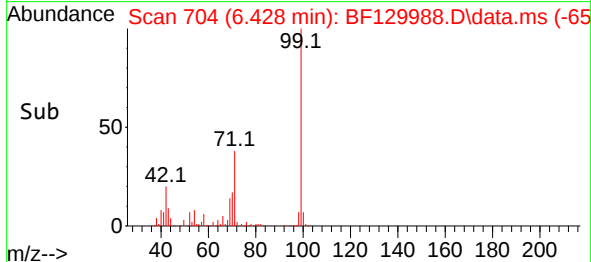
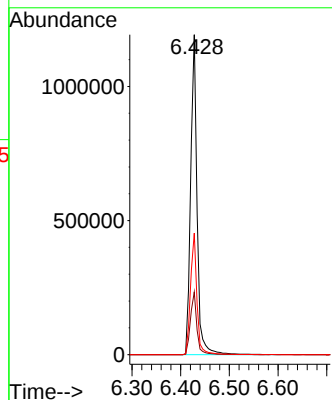
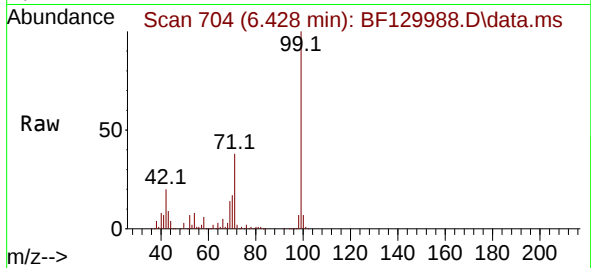


#7
Phenol-d6
Concen: 125.677 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

Tgt Ion: 99 Resp: 1086251

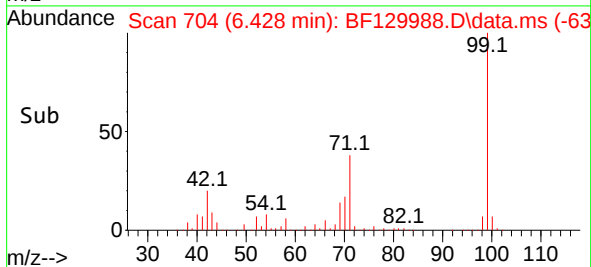
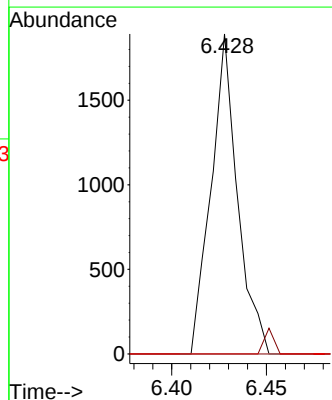
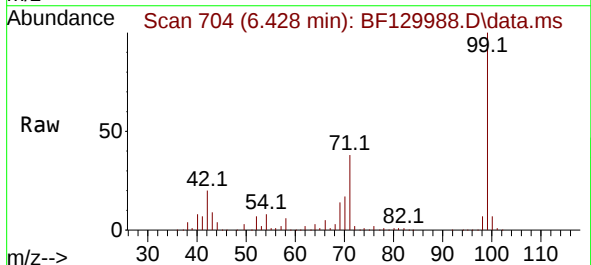
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	38.0	28.8	43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion: 77 Resp: 1835

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.3	120.3#
106	0.0	74.3	114.3#

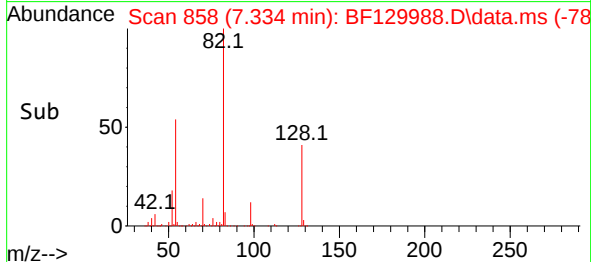
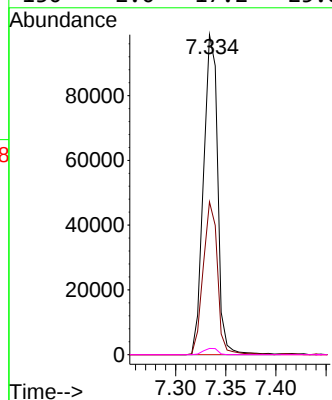
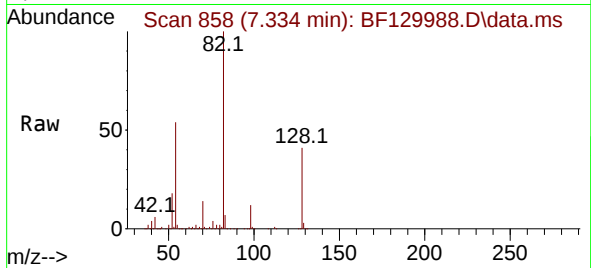




#19
n-Nitroso-di-n-propylamine
Concen: 17.917 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

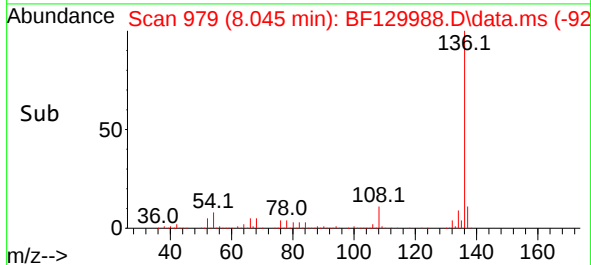
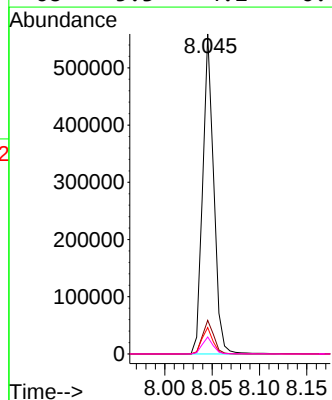
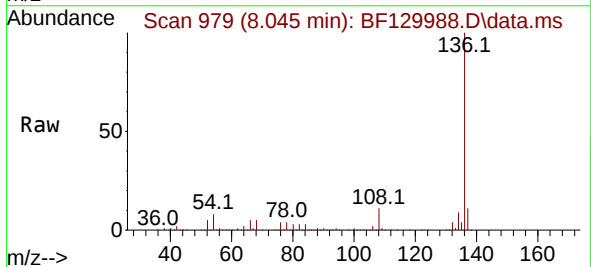
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

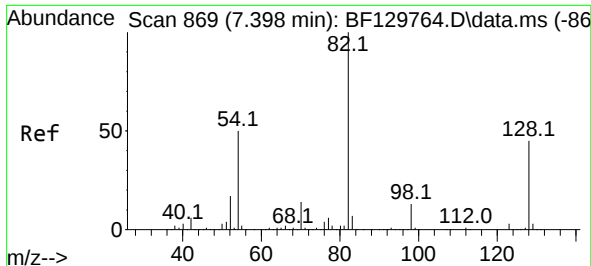
Tgt Ion:	70	Resp:	97886
Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.6	71.4
101	0.0	8.1	12.1#
130	2.0	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:	136	Resp:	452816
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.2	6.2	9.2
68	5.3	4.2	6.4

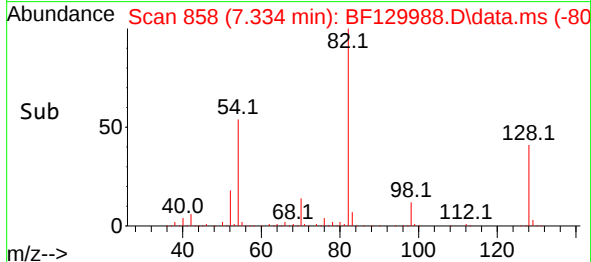
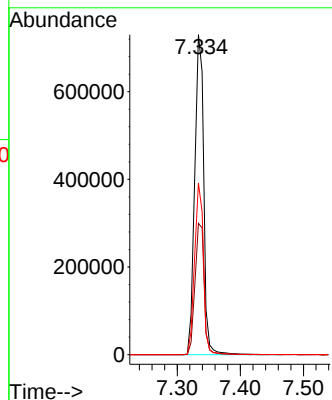
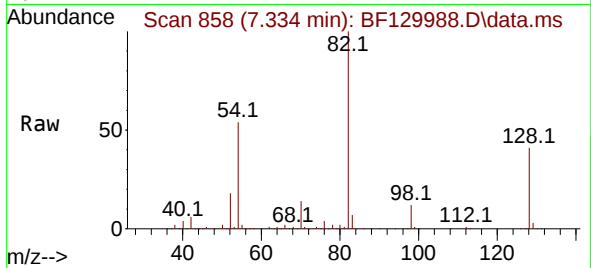




#23
Nitrobenzene-d5
Concen: 85.420 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

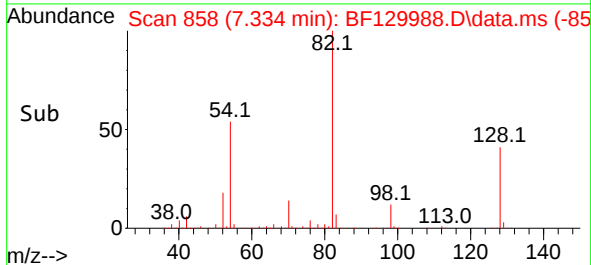
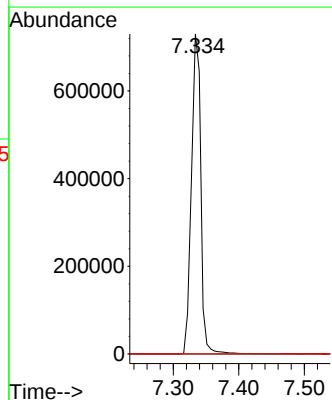
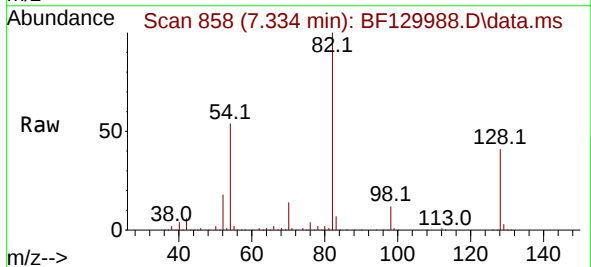
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

Tgt Ion: 82 Resp: 722548
Ion Ratio Lower Upper
82 100
128 41.0 36.1 54.1
54 53.7 40.0 60.0



#25
Isophorone
Concen: 49.629 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.265 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion: 82 Resp: 722542
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

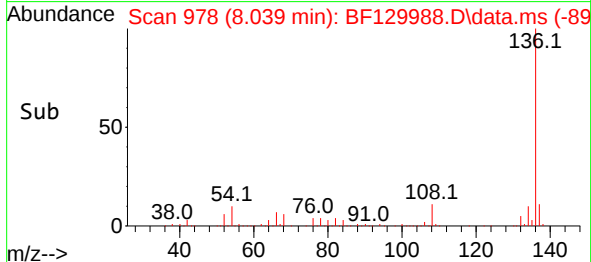
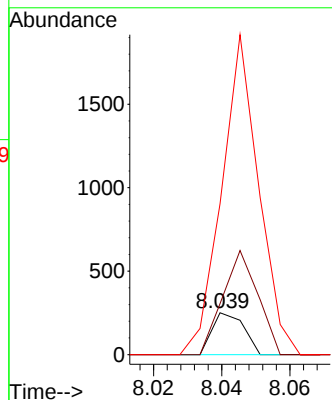
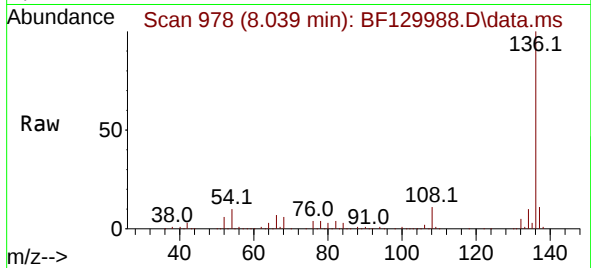




#32
Benzoic acid
Concen: 2.227 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

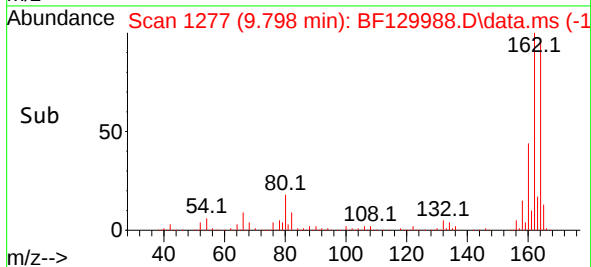
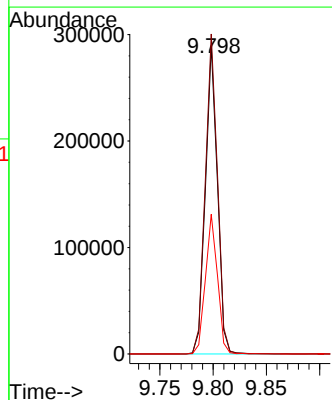
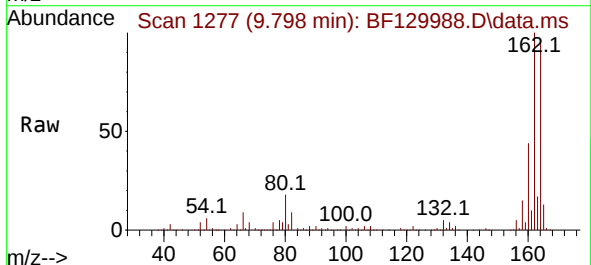
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

Tgt Ion:122 Resp: 161
Ion Ratio Lower Upper
122 100
105 121.5 99.9 139.9
77 360.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:164 Resp: 228046
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 115.668 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129988.D

Acq: 25 Aug 2022 00:28

Instrument :

BNA_F

ClientSampleId :

PSC-124055RX

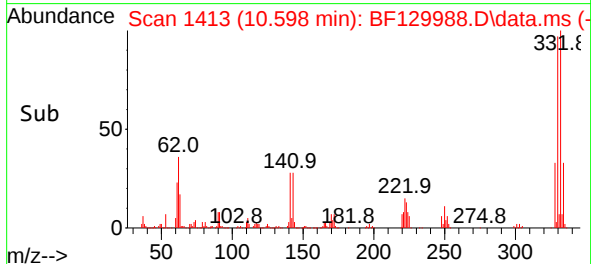
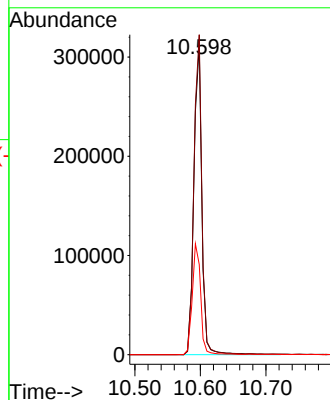
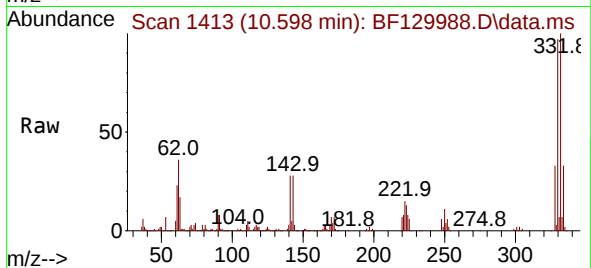
Tgt Ion:330 Resp: 264739

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 37.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.925 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129988.D

Acq: 25 Aug 2022 00:28

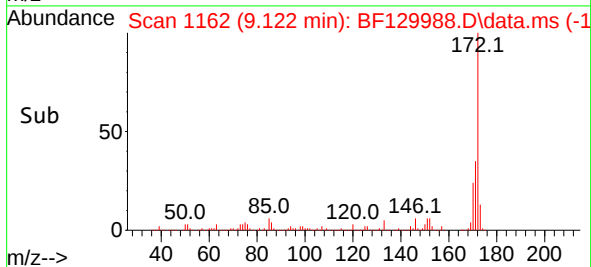
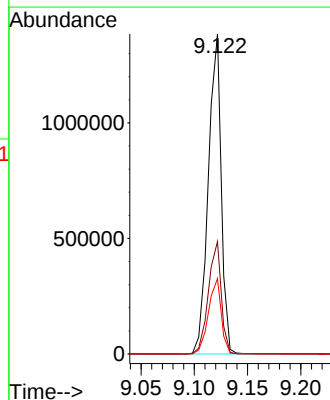
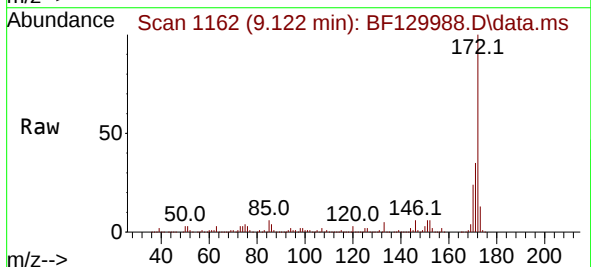
Tgt Ion:172 Resp: 1170024

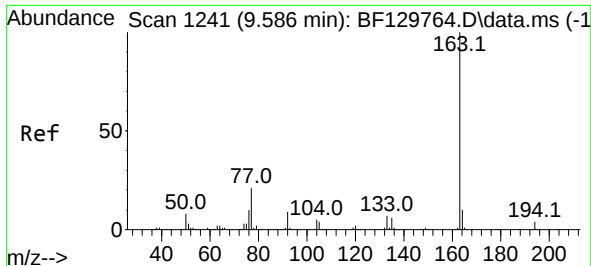
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 19.1 28.7

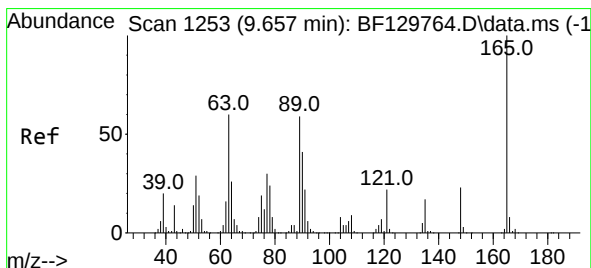
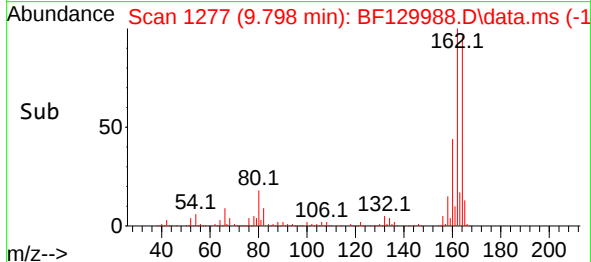
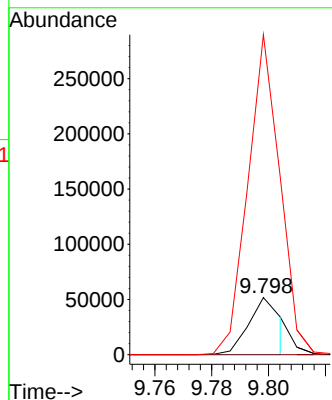
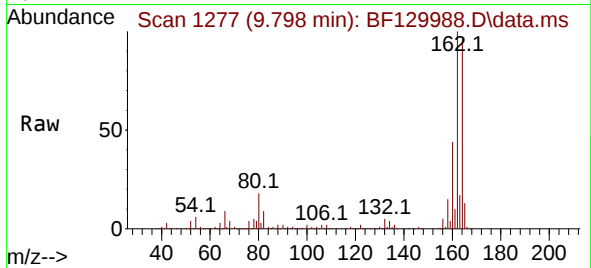




#50
Dimethylphthalate
Concen: 2.459 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

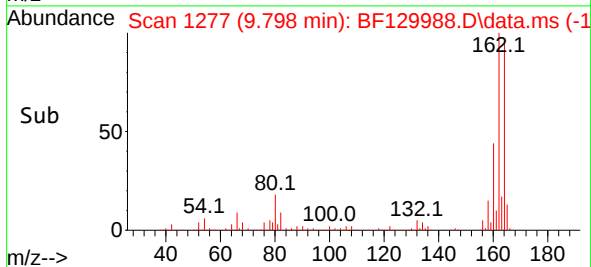
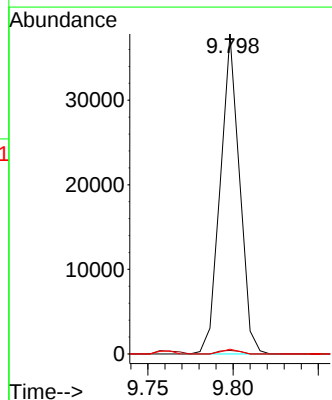
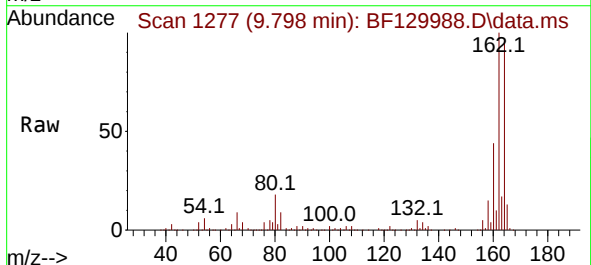
Instrument :
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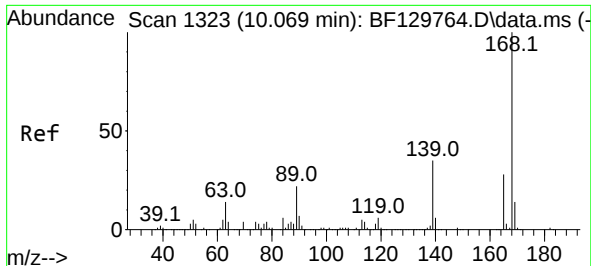
Tgt Ion:163 Resp: 40205
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 561.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.373 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

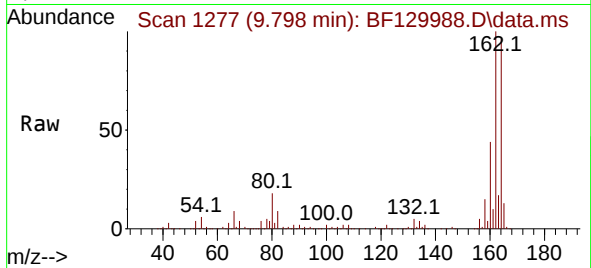
Tgt Ion:165 Resp: 29693
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.5 47.2 70.8#



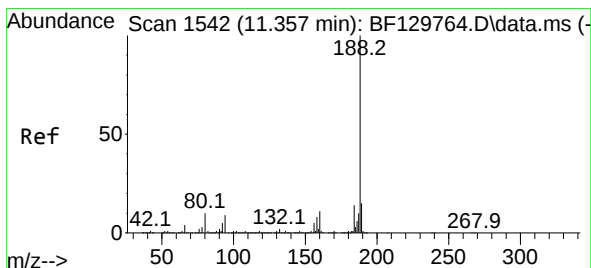
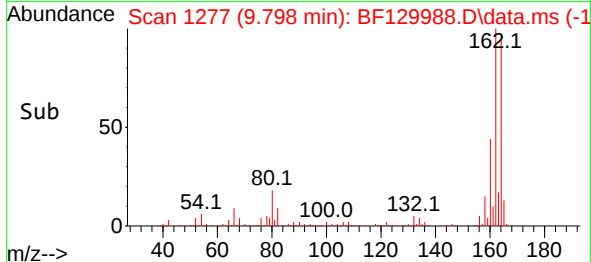
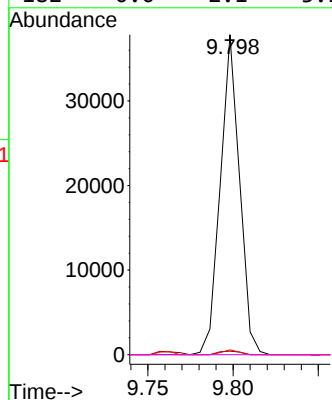


#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

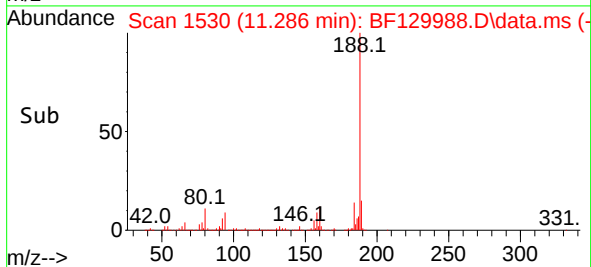
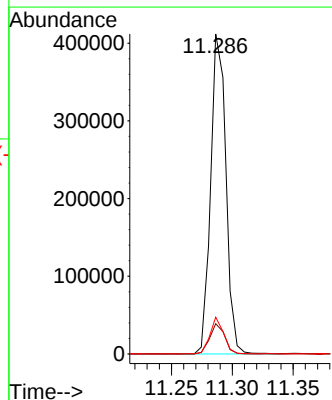
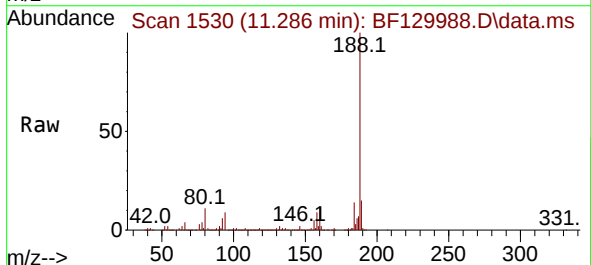


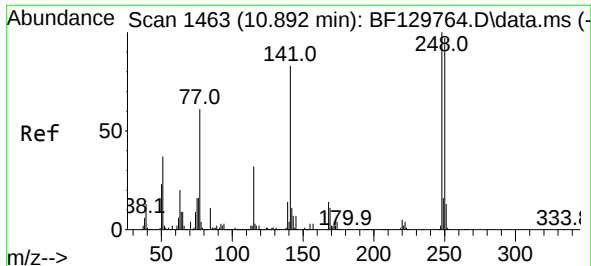
Tgt Ion:165 Resp: 29693
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:188 Resp: 357579
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.5 7.9 11.9

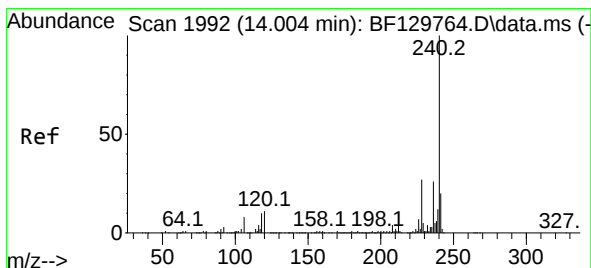
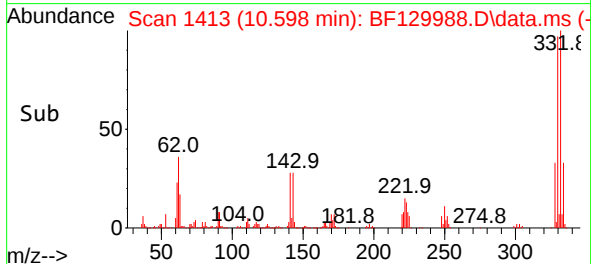
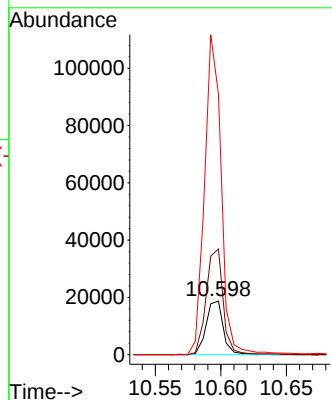
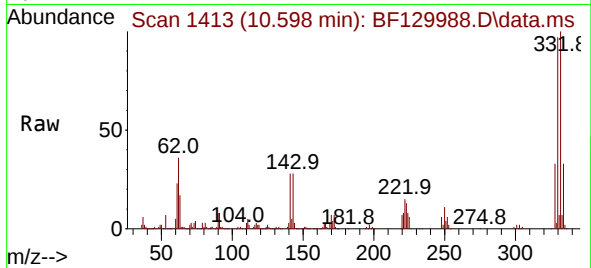




#67
4-Bromophenyl-phenylether
Concen: 4.069 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

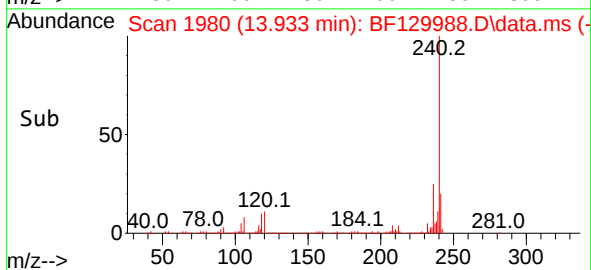
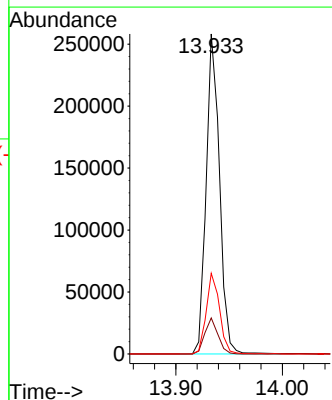
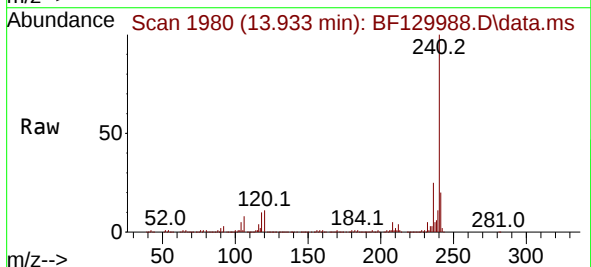
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

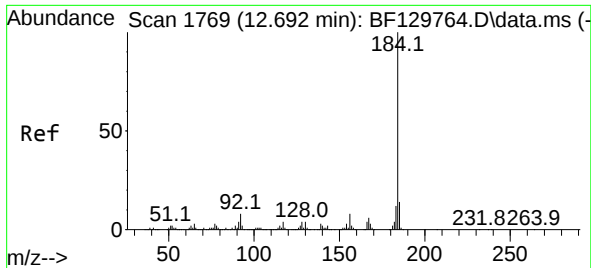
Tgt Ion:248 Resp: 17042
Ion Ratio Lower Upper
248 100
250 197.5 77.8 116.6#
141 486.4 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:240 Resp: 225350
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.2 20.7 31.1

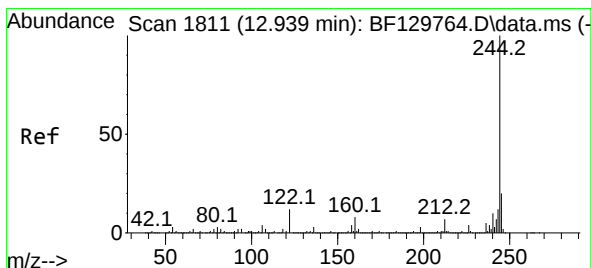
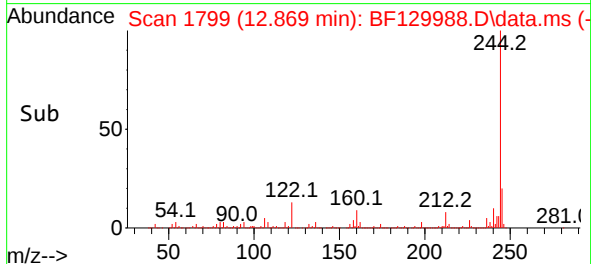
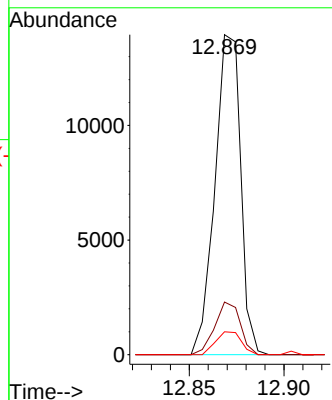
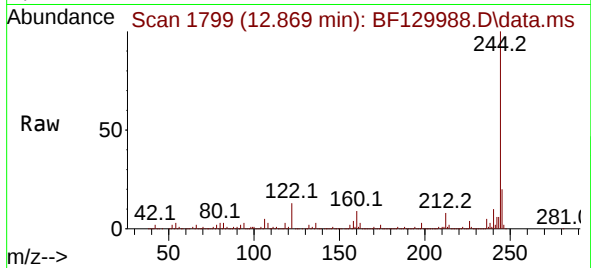




#77
Benzidine
Concen: Below Cal
RT: 12.869 min Scan# 11
Delta R.T. 0.235 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

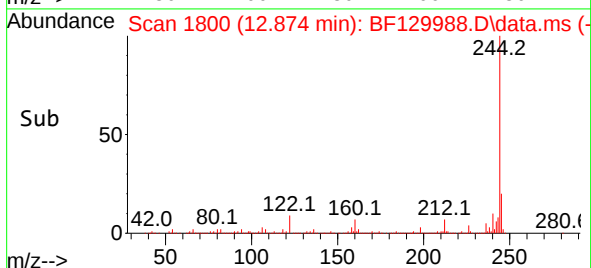
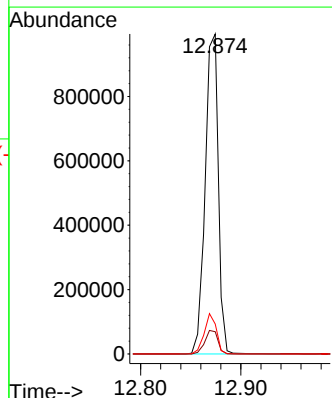
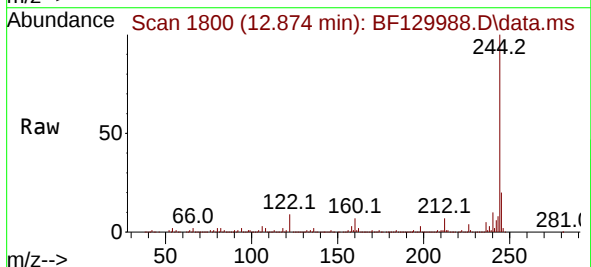
Instrument :
BNA_F
ClientSampleId :
PSC-124055RX

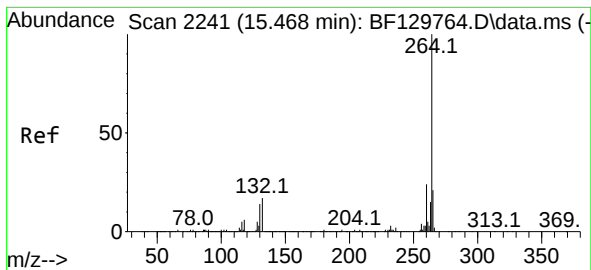
Tgt Ion:184 Resp: 13219
Ion Ratio Lower Upper
184 100
185 16.4 11.4 17.2
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.239 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129988.D
Acq: 25 Aug 2022 00:28

Tgt Ion:244 Resp: 910624
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.3 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129988.D

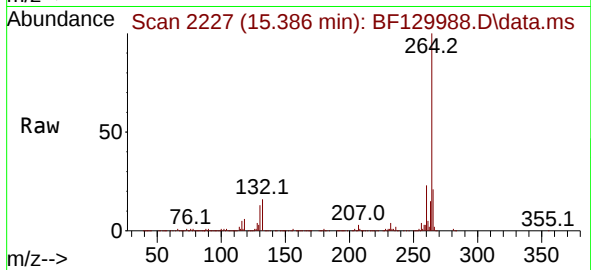
Acq: 25 Aug 2022 00:28

Instrument :

BNA_F

ClientSampleId :

PSC-124055RX



Tgt Ion:264 Resp: 234309

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.0 16.7 25.1

