

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129944.D
 Acq On : 22 Aug 2022 17:10
 Operator : CG\JU
 Sample : N4224-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0816

Quant Time: Aug 23 04:50:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

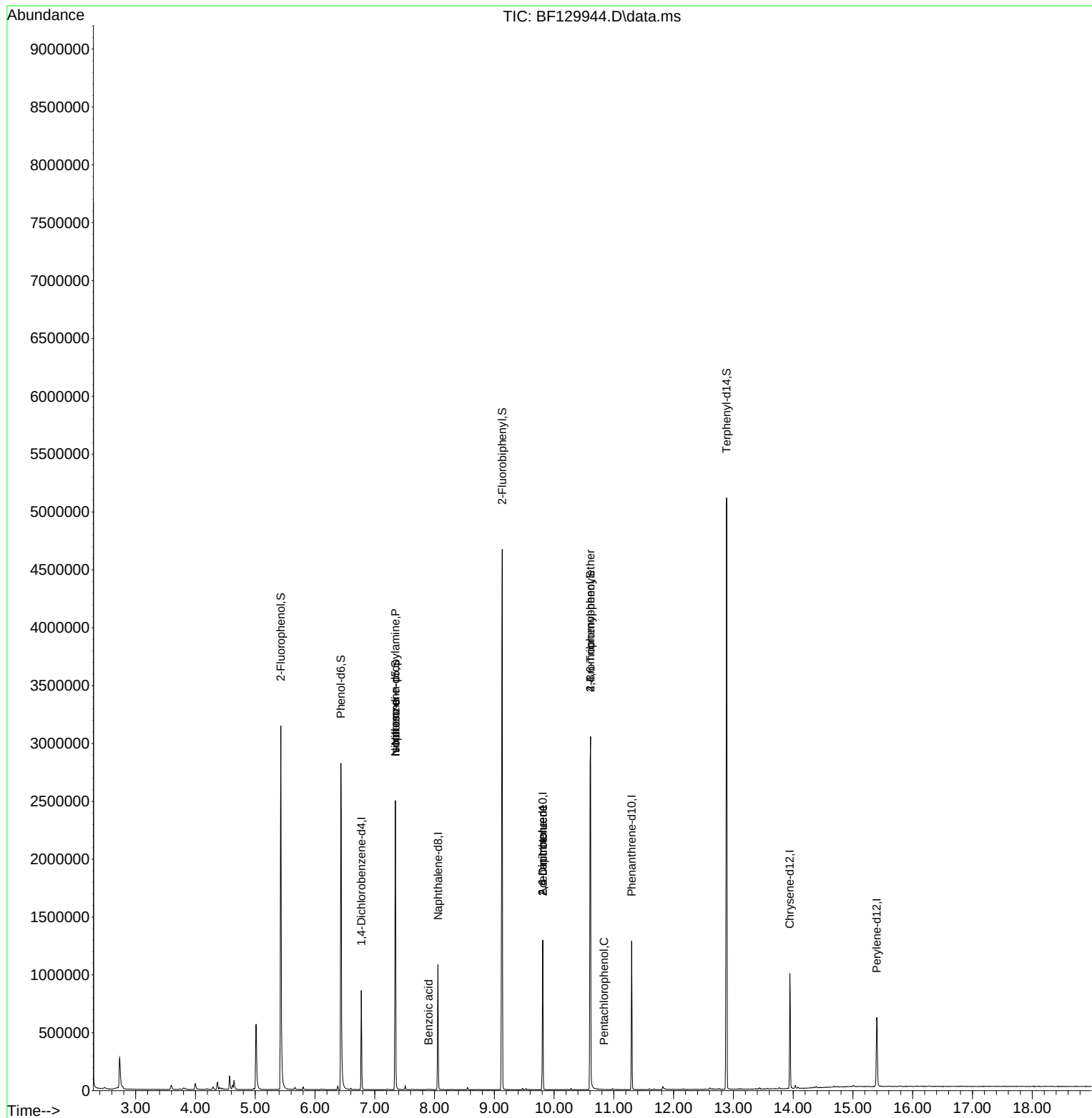
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	111109	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	448435	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	241699	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	413487	20.000	ng	0.00
76) Chrysene-d12	13.945	240	317039	20.000	ng	0.00
86) Perylene-d12	15.398	264	266450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	873129	130.110	ng	0.02
7) Phenol-d6	6.434	99	995697	118.484	ng	0.00
23) Nitrobenzene-d5	7.345	82	789683	94.268	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	376118	155.048	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1463972	91.994	ng	0.00
79) Terphenyl-d14	12.886	244	1700589	89.253	ng	0.00
Target Compounds						
9) Benzaldehyde	6.375	77	63	Below Cal	Qvalue #	33
19) n-Nitroso-di-n-propyla...	7.345	70	105909	19.938 ng	#	79
25) Isophorone	7.345	82	789676	54.770 ng	#	65
32) Benzoic acid	7.898	122	432	2.362 ng		92
51) 2,6-Dinitrotoluene	9.810	165	32019	8.519 ng	#	23
57) 2,4-Dinitrotoluene	9.810	165	32019	6.563 ng	#	18
67) 4-Bromophenyl-phenylether	10.610	248	23765	4.907 ng	#	1
70) Pentachlorophenol	10.833	266	60	5.217 ng	#	20
77) Benzidine	12.886	184	23932	Below Cal	#	89

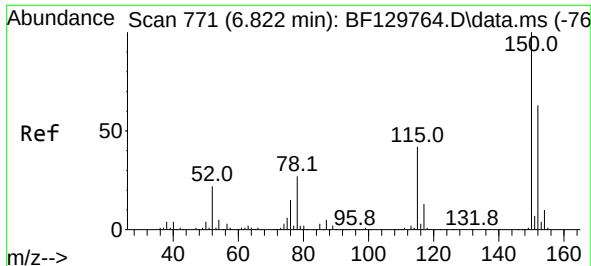
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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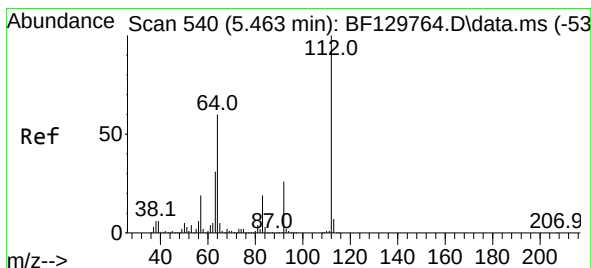
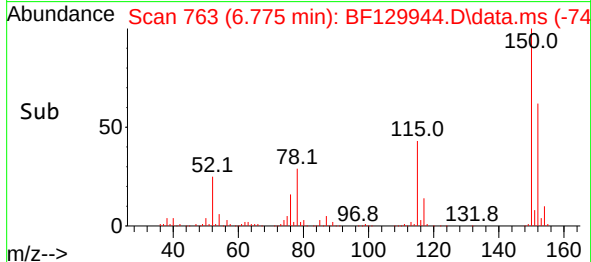
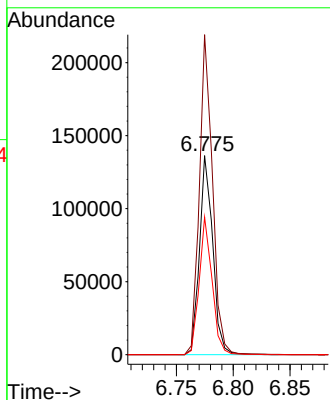
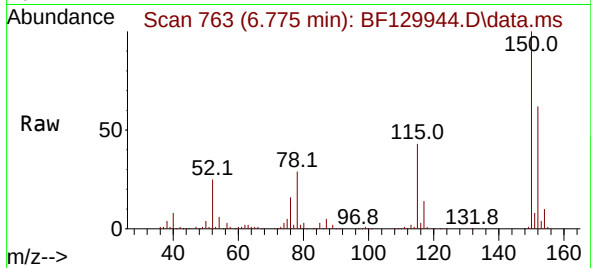




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

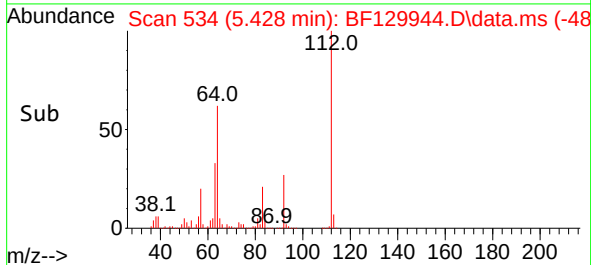
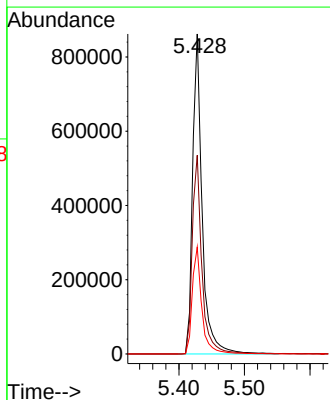
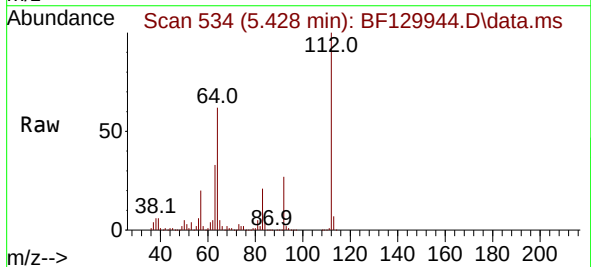
Instrument :
BNA_F
ClientSampleId :
TP1-0816

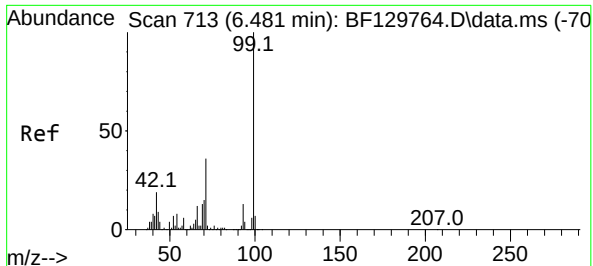
Tgt Ion:152 Resp: 111109
Ion Ratio Lower Upper
152 100
150 160.8 126.9 190.3
115 69.2 53.4 80.0



#5
2-Fluorophenol
Concen: 130.110 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.018 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:112 Resp: 873129
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 33.4 24.6 37.0

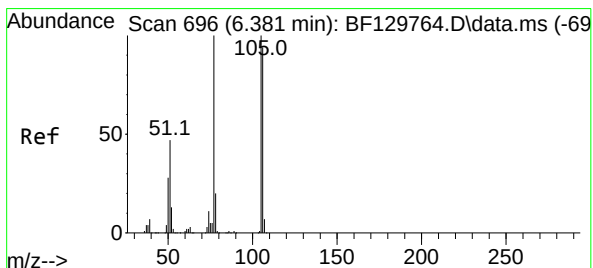
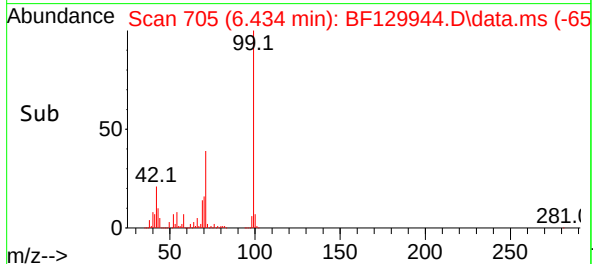
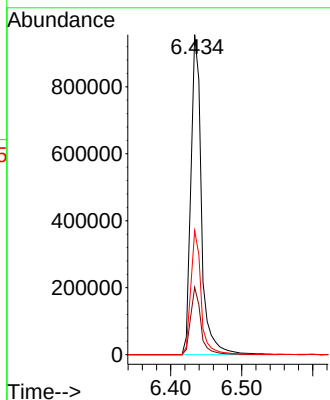
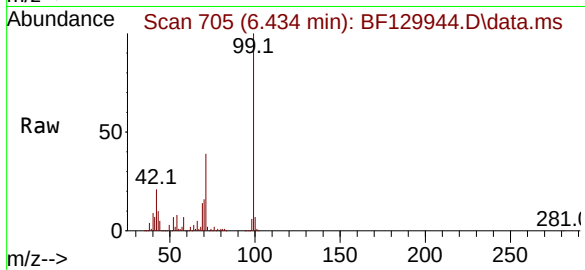




#7
Phenol-d6
Concen: 118.484 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

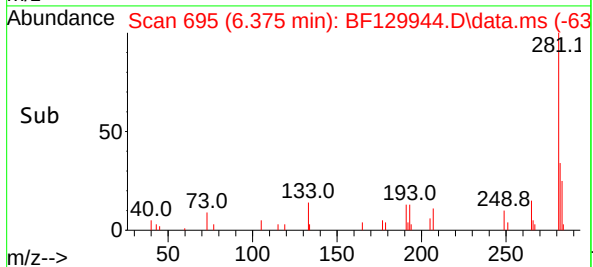
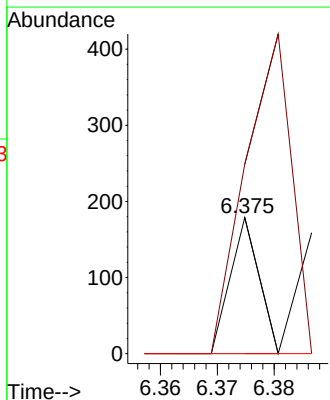
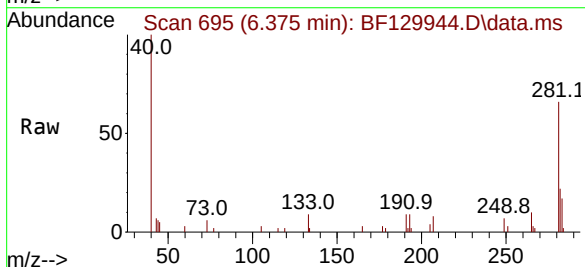
Instrument :
BNA_F
ClientSampleId :
TP1-0816

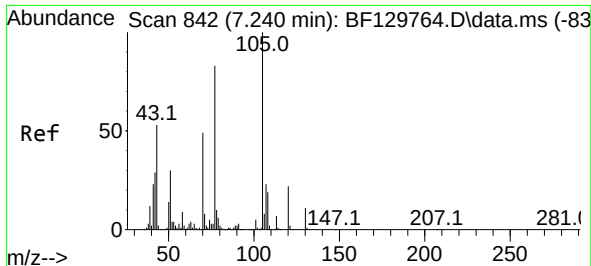
Tgt Ion: 99 Resp: 995697
Ion Ratio Lower Upper
99 100
42 21.1 15.0 22.4
71 38.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. 0.041 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion: 77 Resp: 63
Ion Ratio Lower Upper
77 100
105 139.1 80.3 120.3#
106 0.0 74.3 114.3#

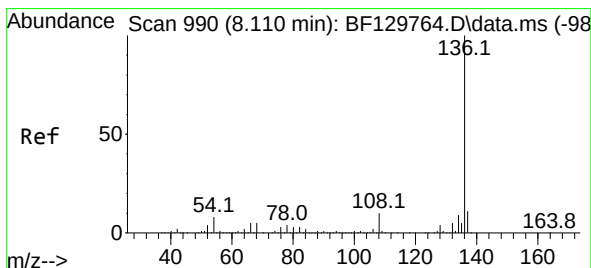
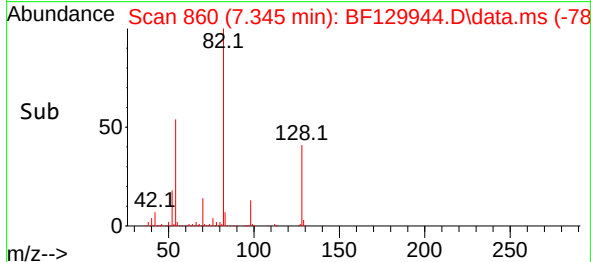
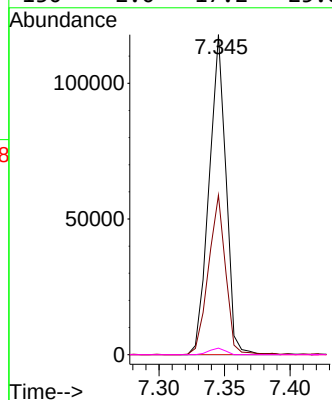
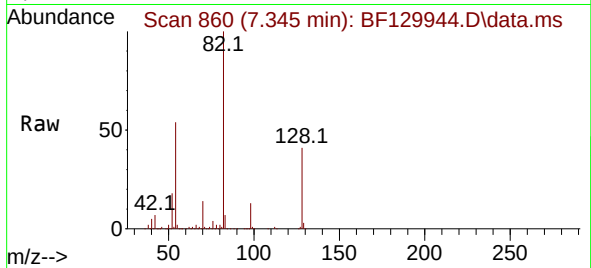




#19
n-Nitroso-di-n-propylamine
Concen: 19.938 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

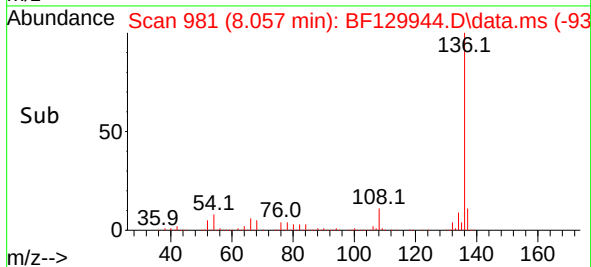
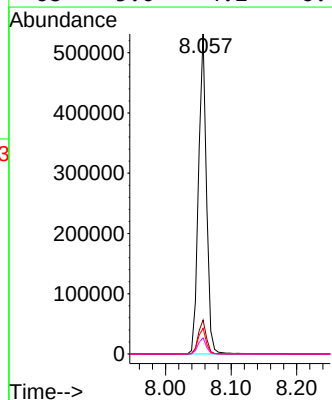
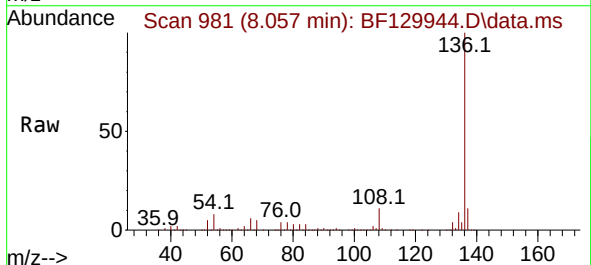
Instrument :
BNA_F
ClientSampleId :
TP1-0816

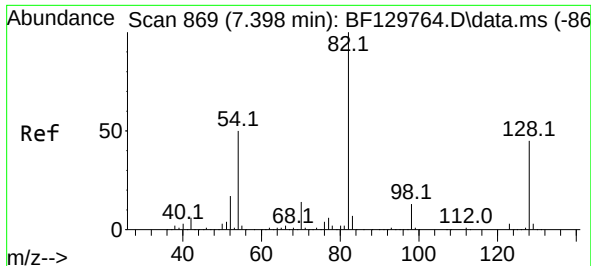
Tgt Ion: 70 Resp: 105909
Ion Ratio Lower Upper
70 100
42 49.9 47.6 71.4
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion: 136 Resp: 448435
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.1 6.2 9.2
68 5.0 4.2 6.4

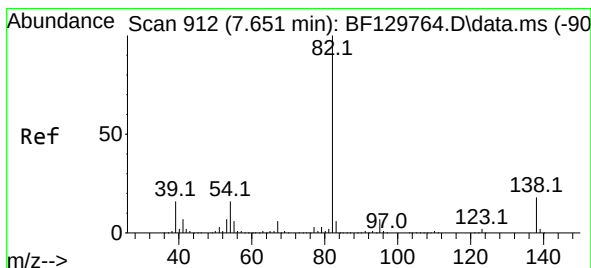
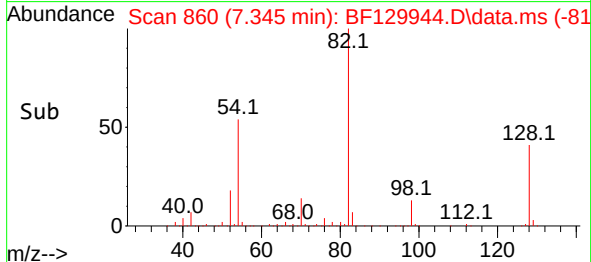
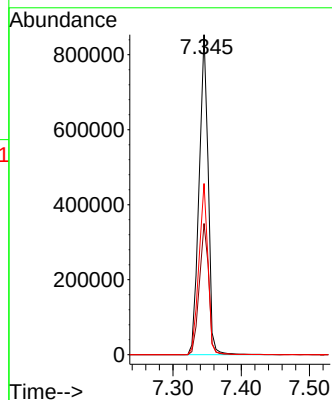
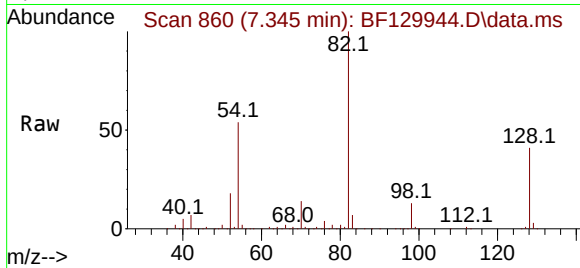




#23
Nitrobenzene-d5
Concen: 94.268 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

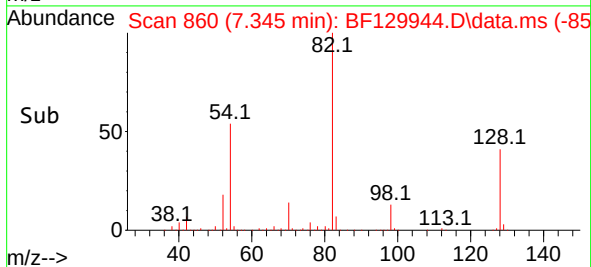
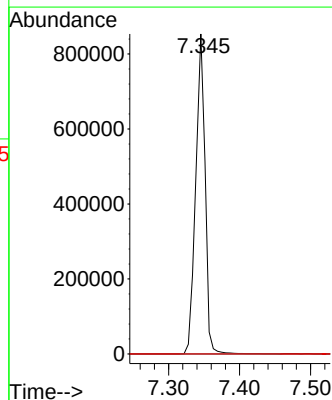
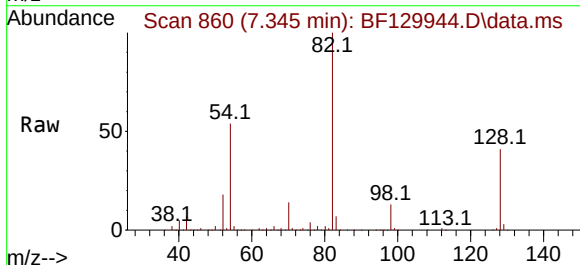
Instrument :
BNA_F
ClientSampleId :
TP1-0816

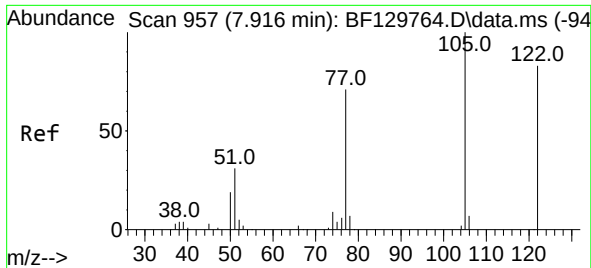
Tgt Ion: 82 Resp: 789683
Ion Ratio Lower Upper
82 100
128 41.0 36.1 54.1
54 53.5 40.0 60.0



#25
Isophorone
Concen: 54.770 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion: 82 Resp: 789676
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

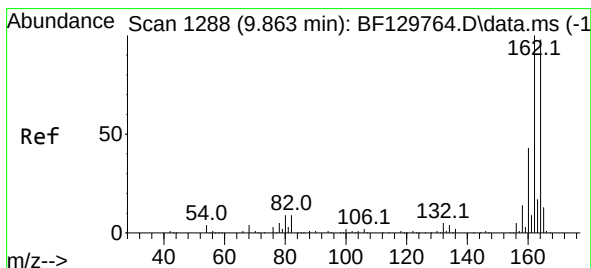
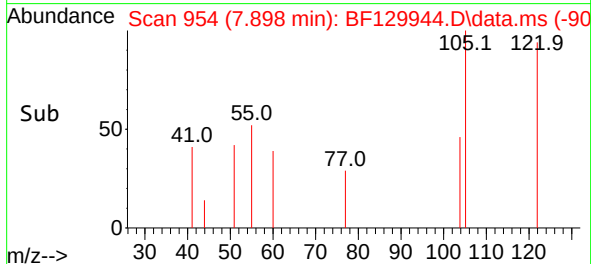
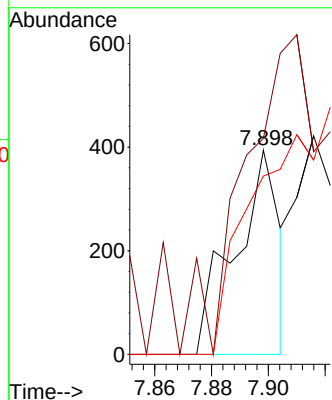
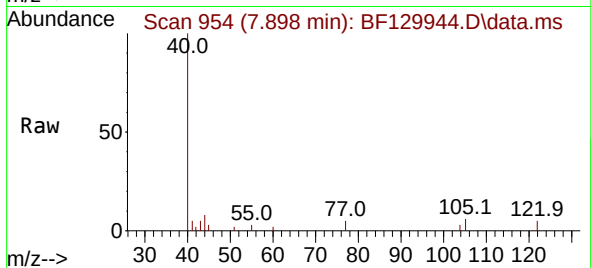




#32
Benzoic acid
Concen: 2.362 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

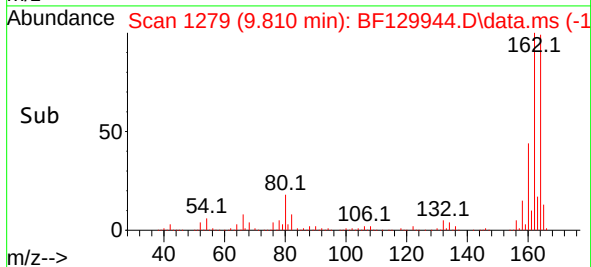
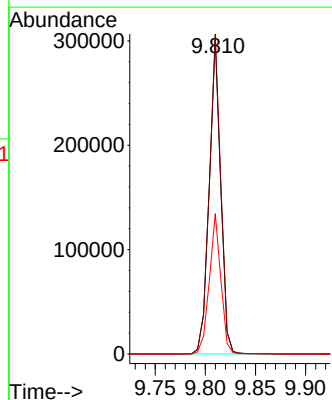
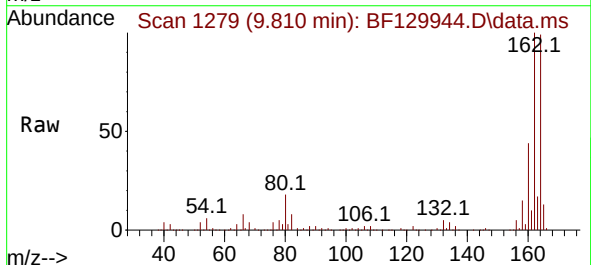
Instrument :
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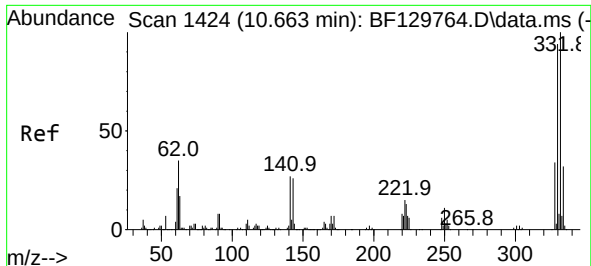
Tgt Ion:122 Resp: 432
Ion Ratio Lower Upper
122 100
105 105.8 99.9 139.9
77 87.3 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:164 Resp: 241699
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 155.048 ng

RT: 10.610 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129944.D

Acq: 22 Aug 2022 17:10

Instrument :

BNA_F

ClientSampleId :

TP1-0816

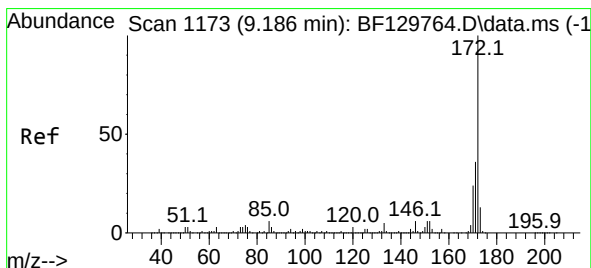
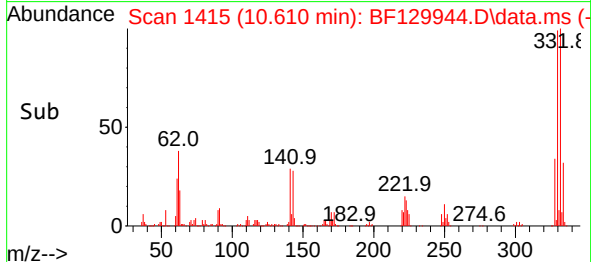
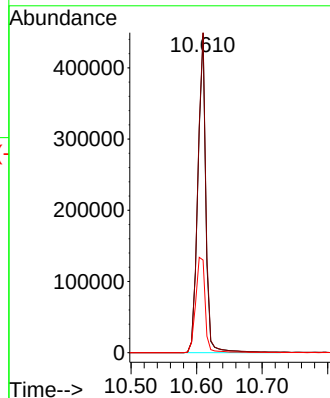
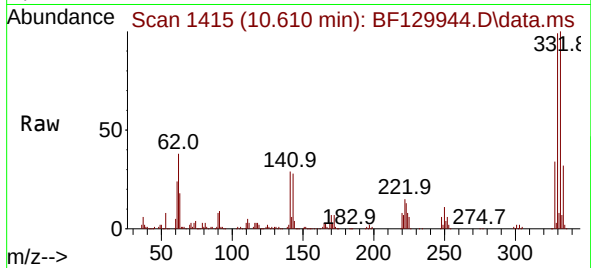
Tgt Ion:330 Resp: 376118

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.994 ng

RT: 9.133 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129944.D

Acq: 22 Aug 2022 17:10

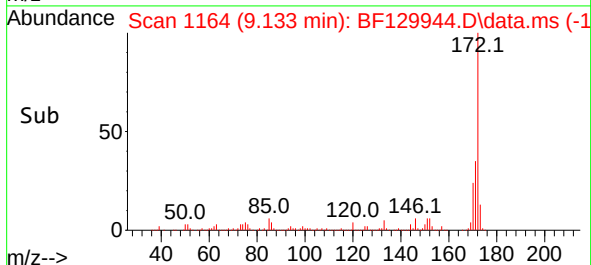
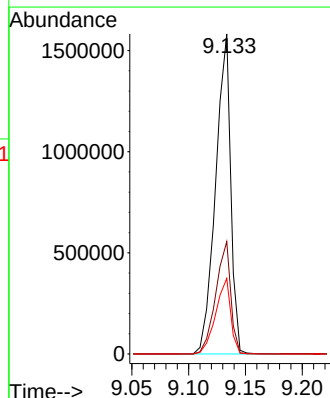
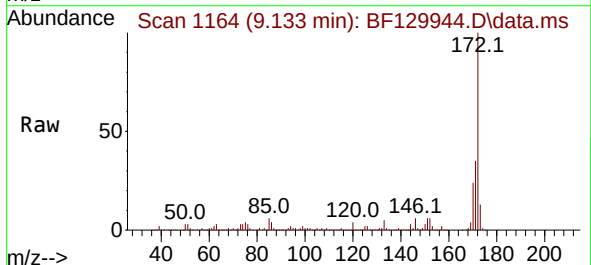
Tgt Ion:172 Resp: 1463972

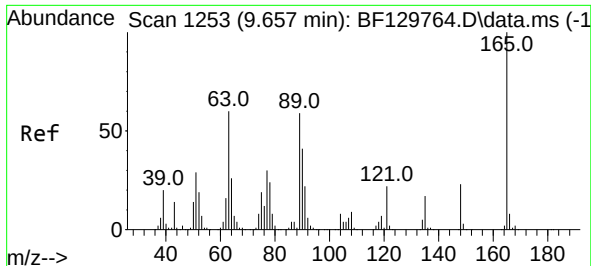
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.1 28.7

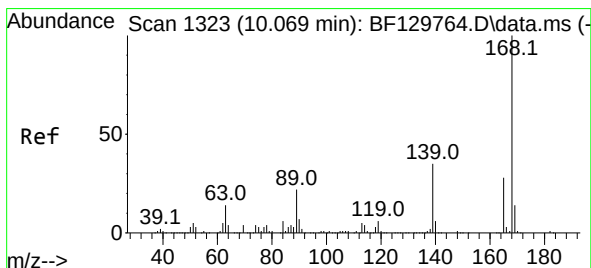
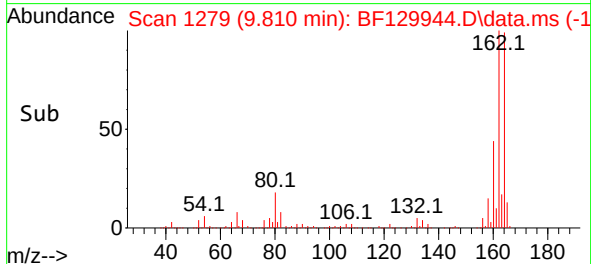
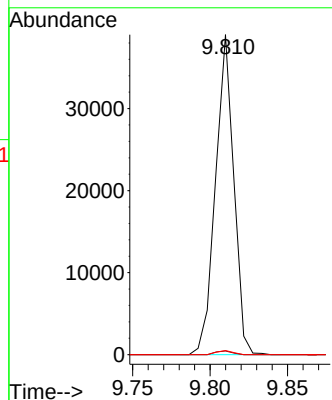
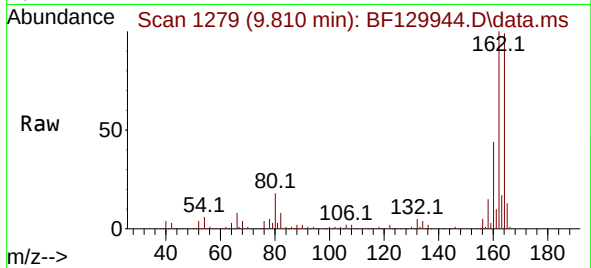




#51
2,6-Dinitrotoluene
Concen: 8.519 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.194 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

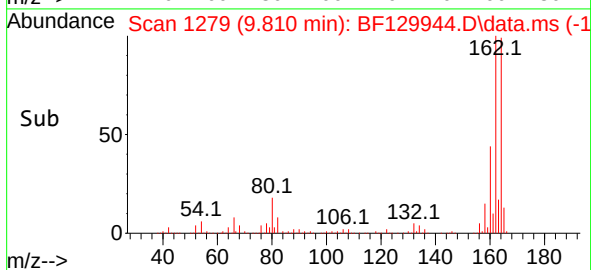
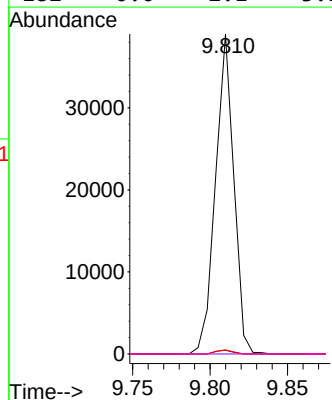
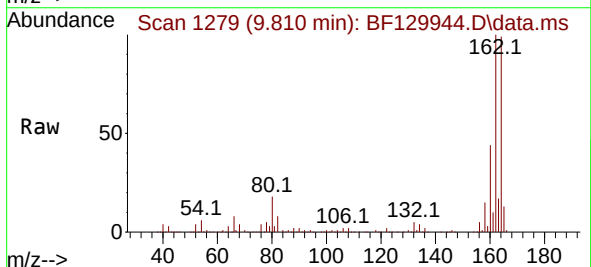
Instrument :
BNA_F
ClientSampleId :
TP1-0816

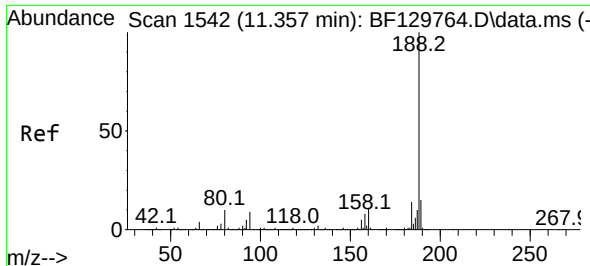
Tgt Ion:165 Resp: 32019
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.563 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:165 Resp: 32019
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

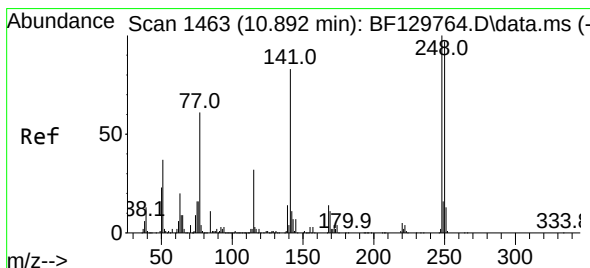
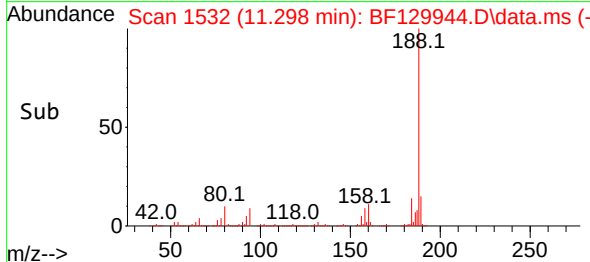
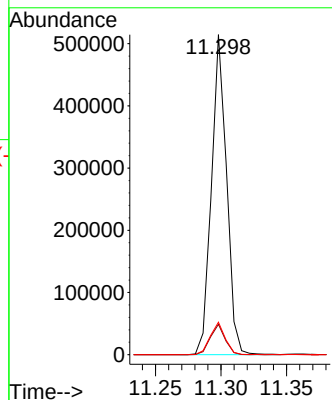
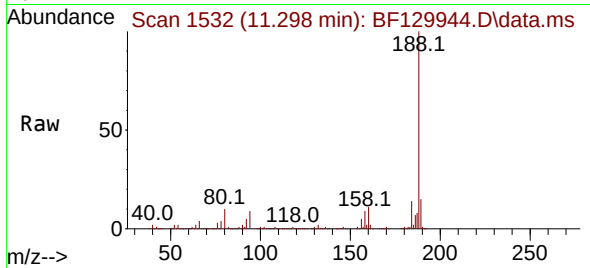




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

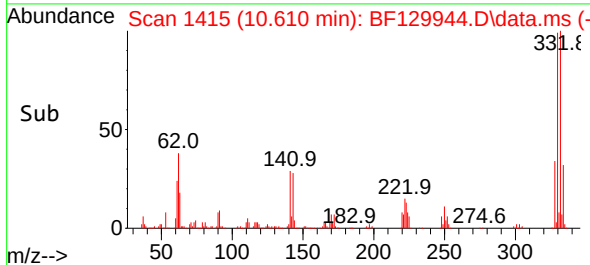
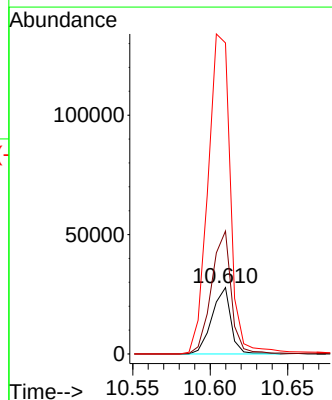
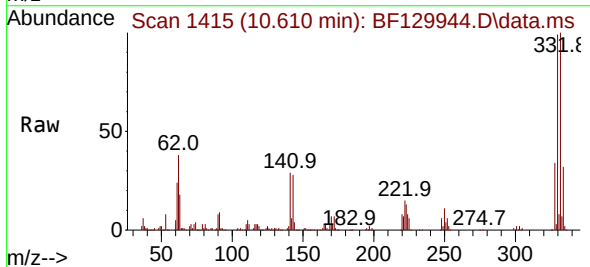
Instrument :
BNA_F
ClientSampleId :
TP1-0816

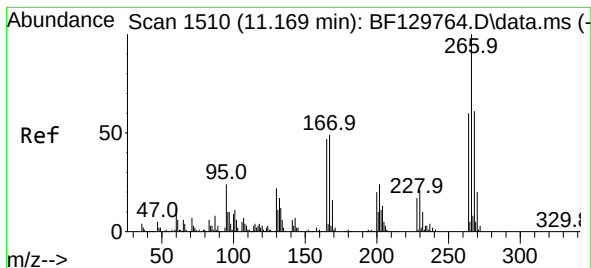
Tgt Ion:188 Resp: 413487
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.907 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:248 Resp: 23765
Ion Ratio Lower Upper
248 100
250 185.0 77.8 116.6#
141 468.4 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.217 ng

RT: 10.833 min Scan# 1453

Delta R.T. -0.288 min

Lab File: BF129944.D

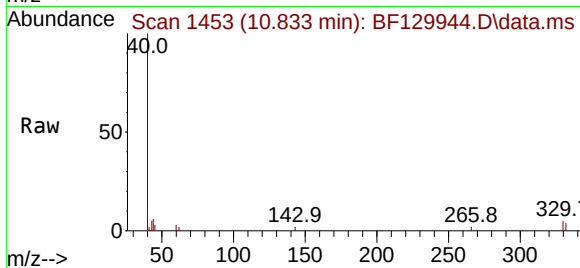
Acq: 22 Aug 2022 17:10

Instrument :

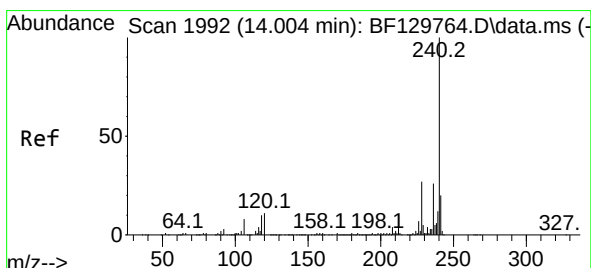
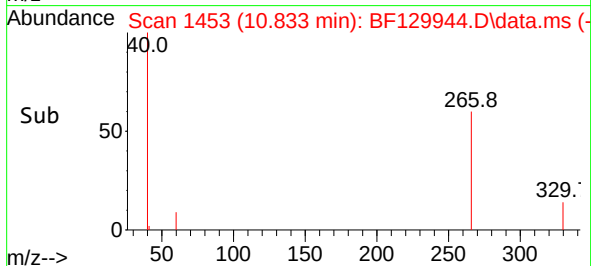
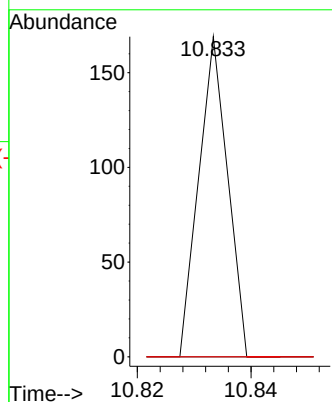
BNA_F

ClientSampleId :

TP1-0816



Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
268	0.0	49.0	73.4#
264	0.0	47.9	71.9#



#76

Chrysene-d12

Concen: 20.000 ng

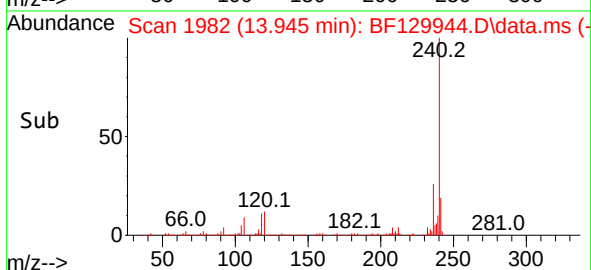
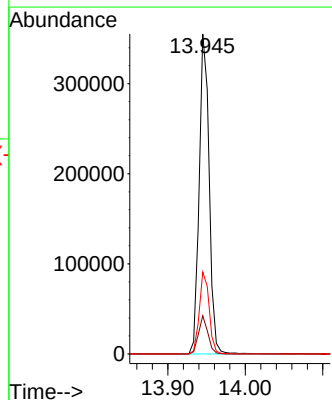
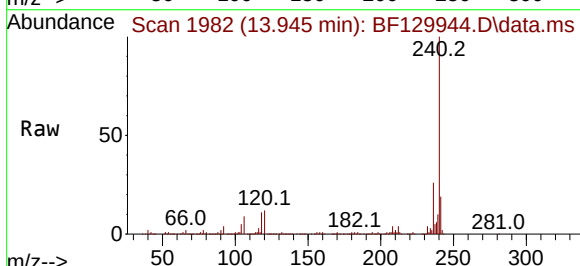
RT: 13.945 min Scan# 1982

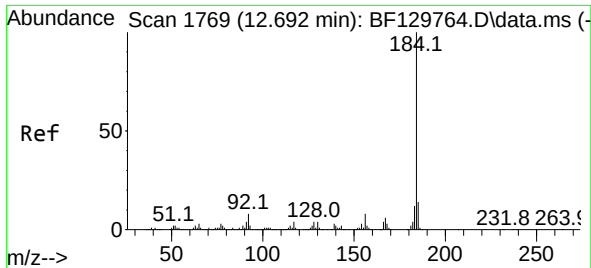
Delta R.T. -0.006 min

Lab File: BF129944.D

Acq: 22 Aug 2022 17:10

Tgt Ion:	240	Resp:	317039
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.2	13.8
236	25.6	20.7	31.1

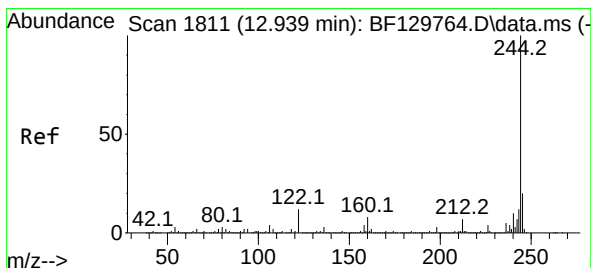
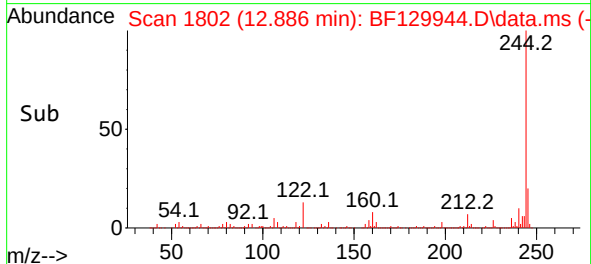
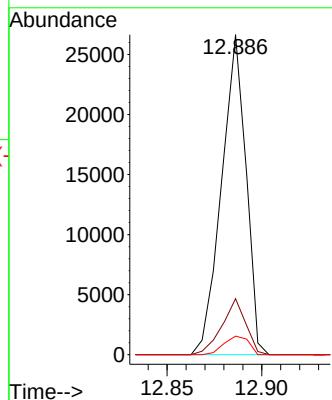
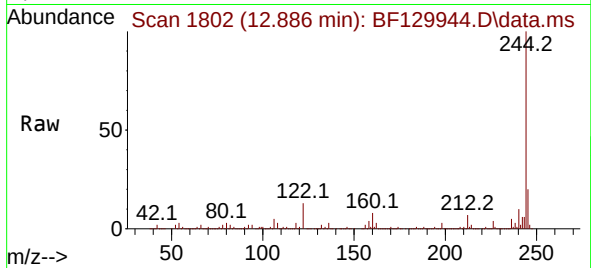




#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1802
Delta R.T. 0.241 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

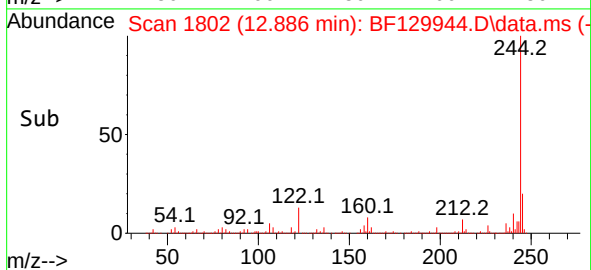
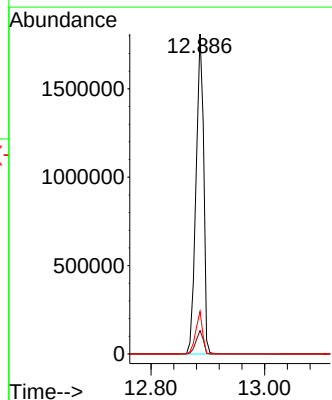
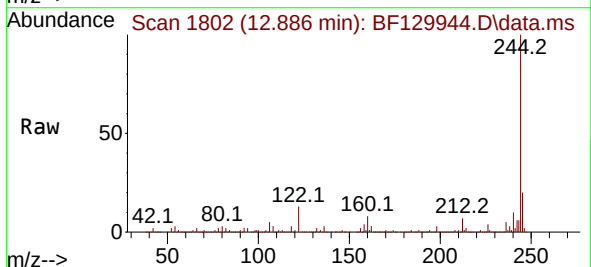
Instrument :
BNA_F
ClientSampleId :
TP1-0816

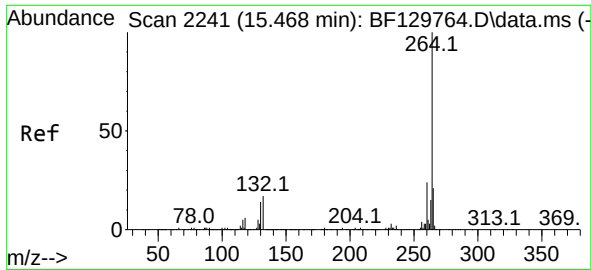
Tgt Ion:184 Resp: 23932
Ion Ratio Lower Upper
184 100
185 17.5 11.4 17.2#
183 5.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 89.253 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Tgt Ion:244 Resp: 1700589
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 13.3 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129944.D
Acq: 22 Aug 2022 17:10

Instrument :
BNA_F
ClientSampleId :
TP1-0816

Tgt Ion:264 Resp: 266450
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.9 16.7 25.1

