

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129950.D
 Acq On : 23 Aug 2022 13:04
 Operator : CG\JU
 Sample : N4224-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0816

Quant Time: Aug 23 13:46:51 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

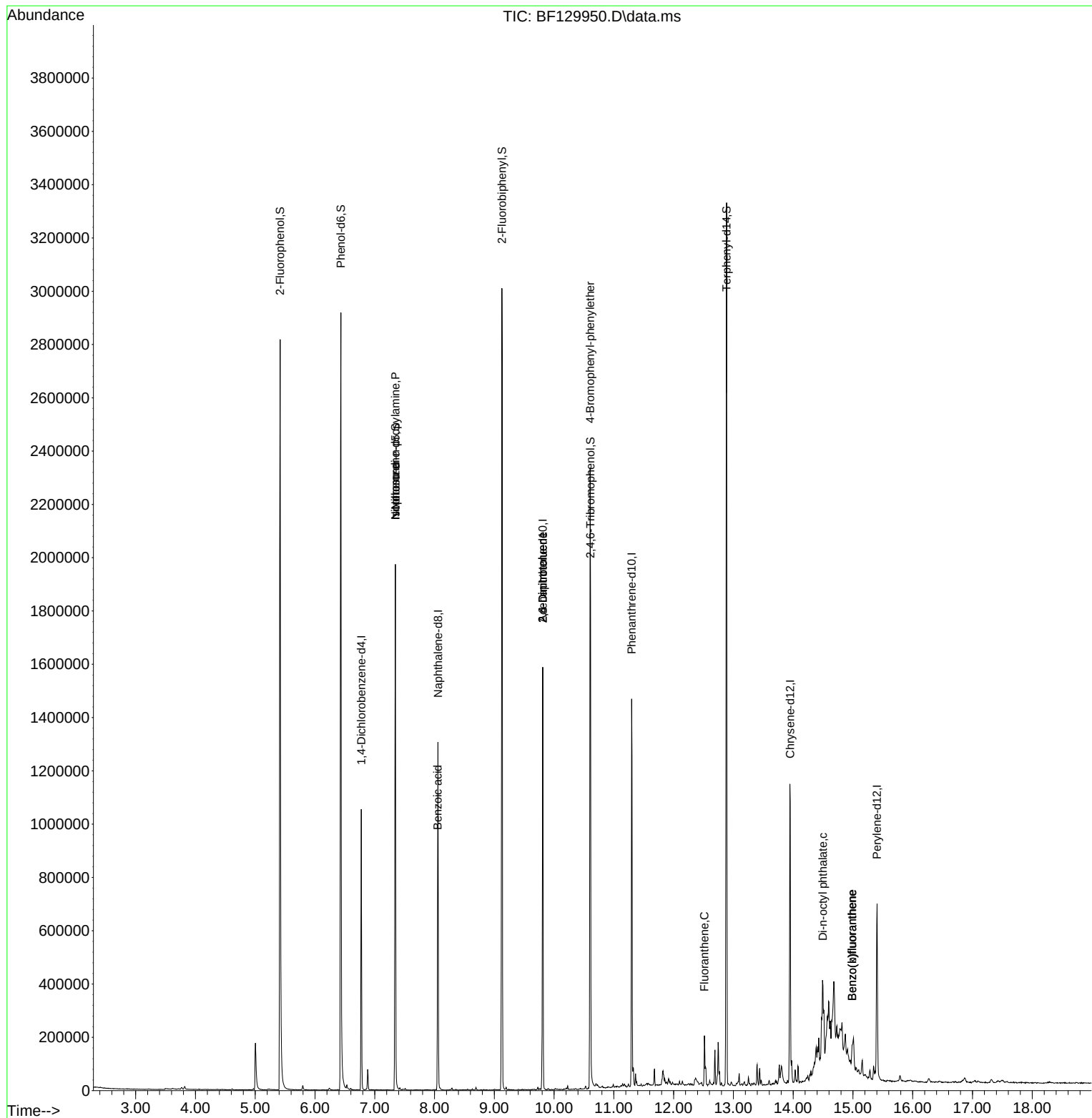
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	139219	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	559204	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	302725	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	509379	20.000	ng	0.00
76) Chrysene-d12	13.951	240	378490	20.000	ng	0.00
86) Perylene-d12	15.404	264	287406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	756780	90.002	ng	0.00
7) Phenol-d6	6.434	99	967055	91.840	ng	0.00
23) Nitrobenzene-d5	7.345	82	619823	59.335	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	265141	87.266	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	965319	48.431	ng	0.00
79) Terphenyl-d14	12.886	244	1035279	45.513	ng	0.00
Target Compounds						
9) Benzaldehyde	6.434	77	1591	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	83376	12.527 ng	#	78
25) Isophorone	7.345	82	619816	34.473 ng	#	65
32) Benzoic acid	8.051	122	139	2.204 ng	#	1
51) 2,6-Dinitrotoluene	9.810	165	39493	8.389 ng	#	23
57) 2,4-Dinitrotoluene	9.810	165	39493	6.463 ng	#	18
67) 4-Bromophenyl-phenylether	10.604	248	16803	2.816 ng	#	1
75) Fluoranthene	12.516	202	65534	2.251 ng		96
77) Benzidine	12.886	184	15042	Below Cal	#	92
85) Di-n-octyl phthalate	14.498	149	167830	7.363 ng	#	59
88) Benzo(b)fluoranthene	14.986	252	44546	2.263 ng	#	97
89) Benzo(k)fluoranthene	14.986	252	44546	2.360 ng	#	96

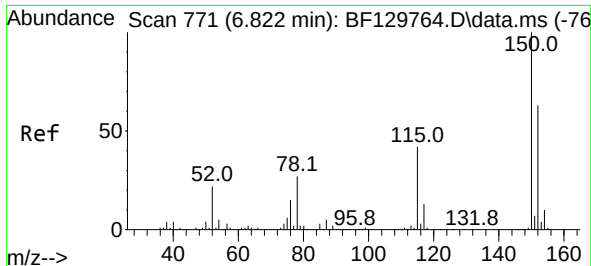
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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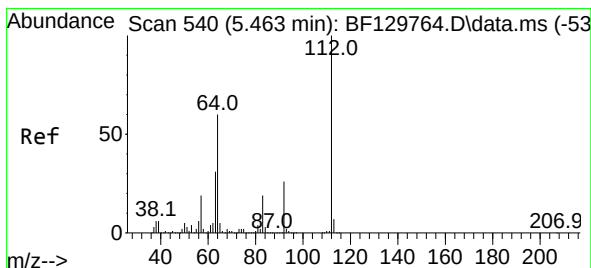
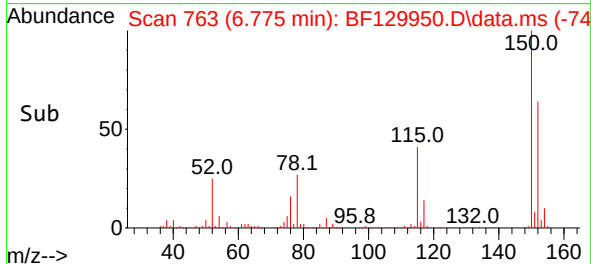
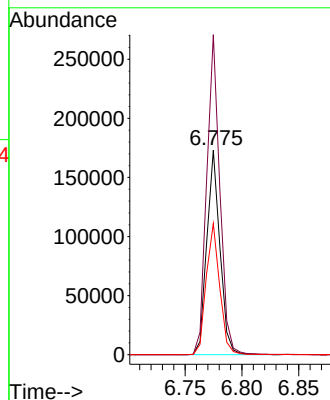
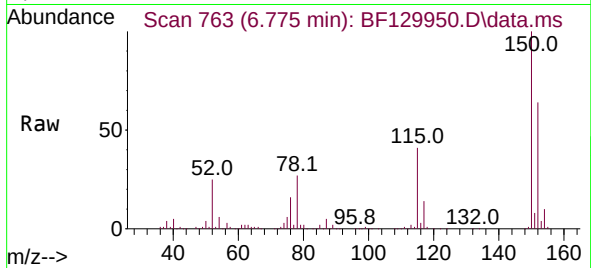




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

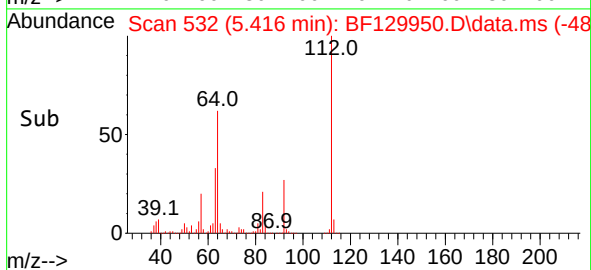
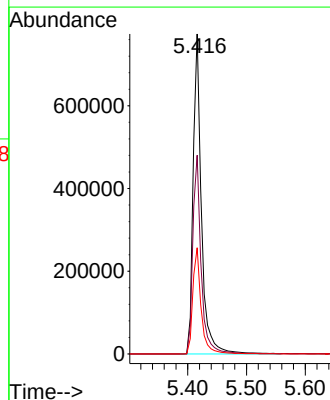
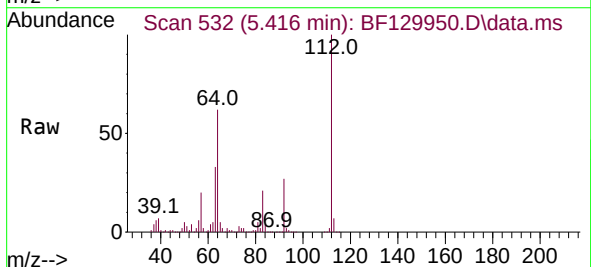
Instrument :
BNA_F
ClientSampleId :
TP1-0816

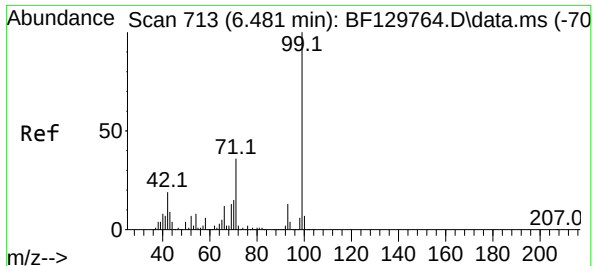
Tgt Ion:152 Resp: 139219
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 64.2 53.4 80.0



#5
2-Fluorophenol
Concen: 90.002 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:112 Resp: 756780
Ion Ratio Lower Upper
112 100
64 62.1 47.6 71.4
63 33.2 24.6 37.0

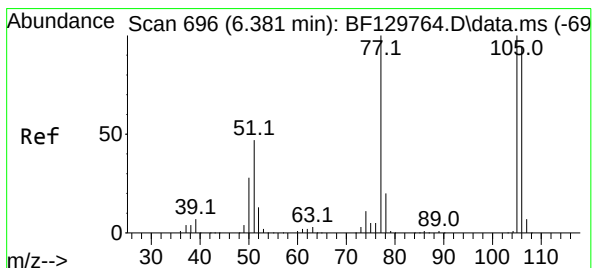
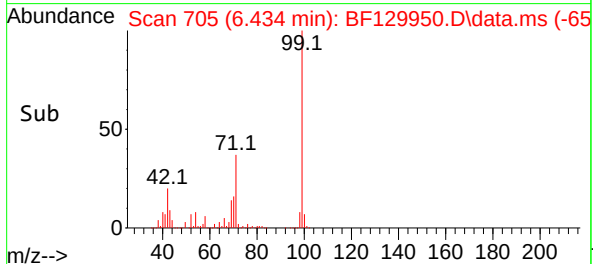
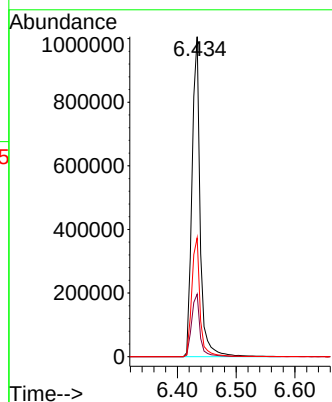
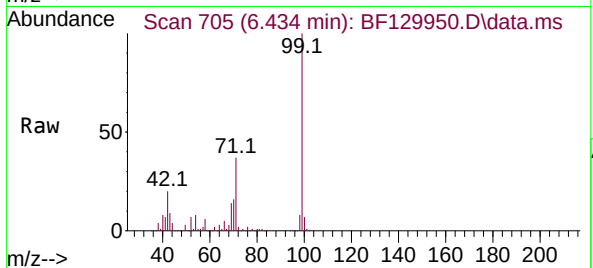




#7
Phenol-d6
Concen: 91.840 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

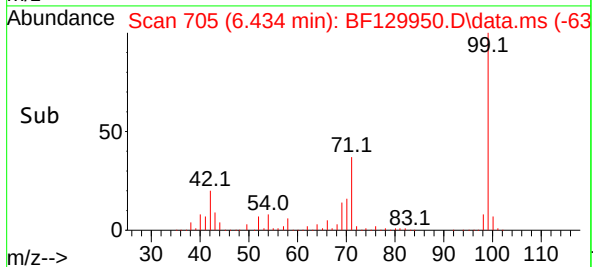
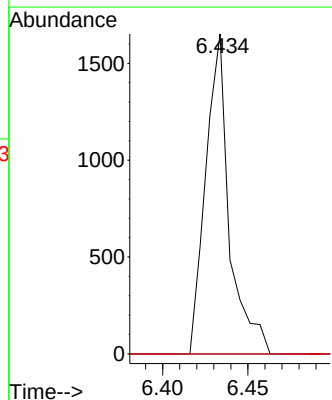
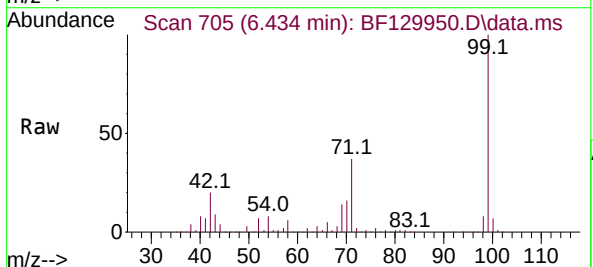
Instrument :
BNA_F
ClientSampleId :
TP1-0816

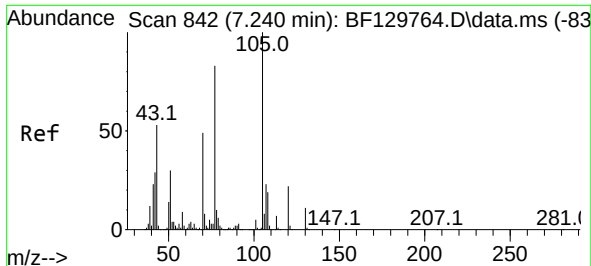
Tgt Ion: 99 Resp: 967055
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 37.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion: 77 Resp: 1591
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

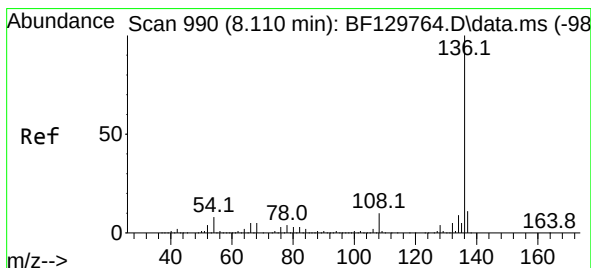
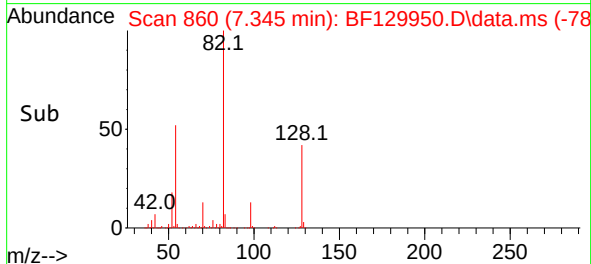
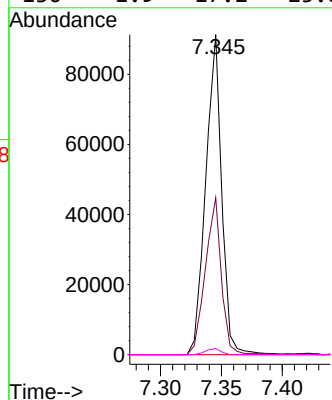
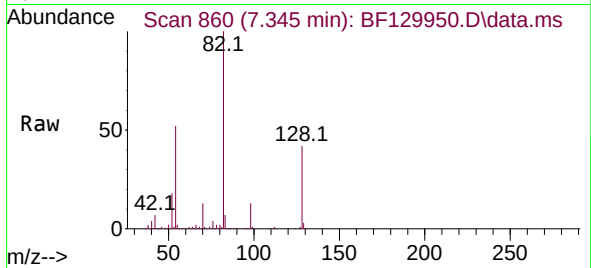




#19
n-Nitroso-di-n-propylamine
Concen: 12.527 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

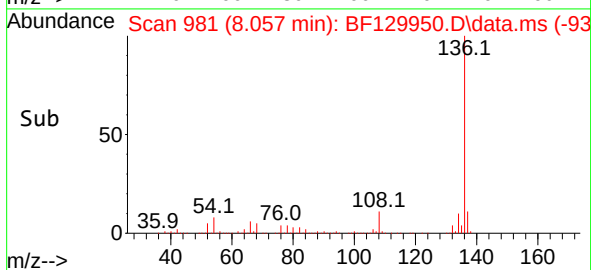
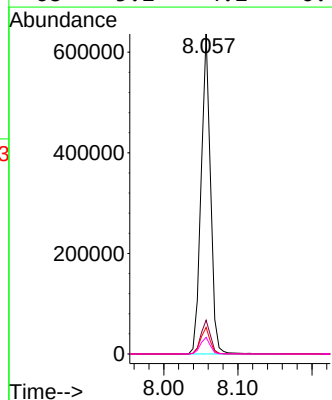
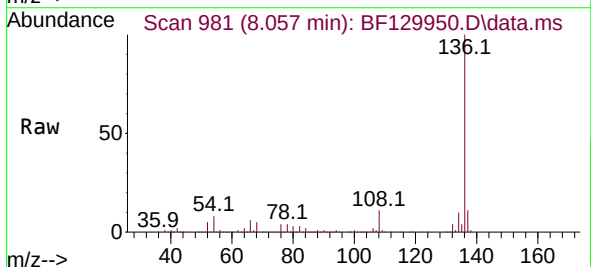
Instrument :
BNA_F
ClientSampleId :
TP1-0816

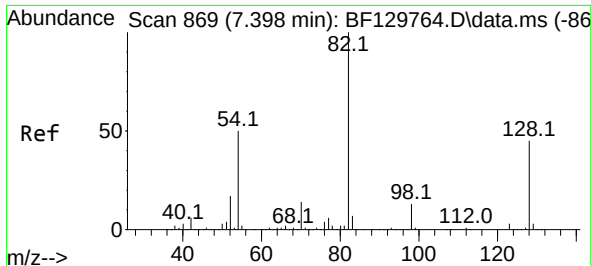
Tgt Ion: 70 Resp: 83376
Ion Ratio Lower Upper
70 100
42 49.0 47.6 71.4
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion: 136 Resp: 559204
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.3 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 59.335 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

TP1-0816

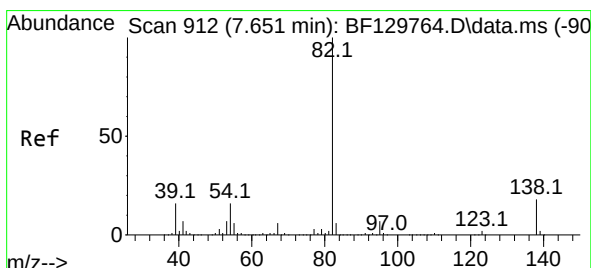
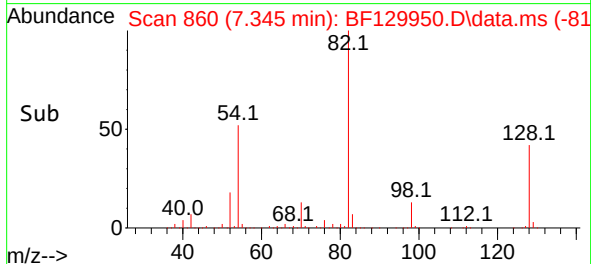
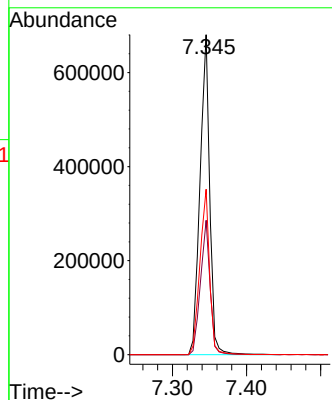
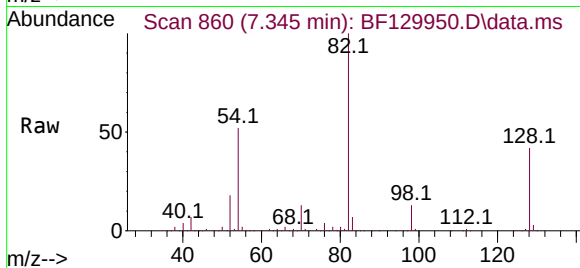
Tgt Ion: 82 Resp: 619823

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

54 51.7 40.0 60.0



#25

Isophorone

Concen: 34.473 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.259 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

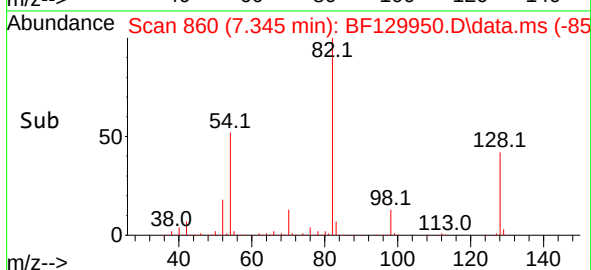
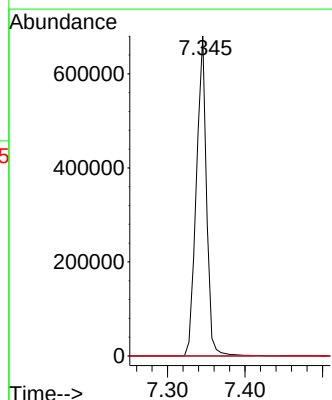
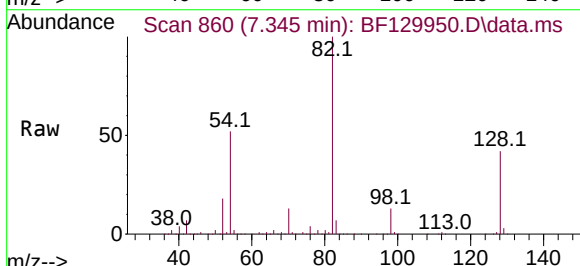
Tgt Ion: 82 Resp: 619816

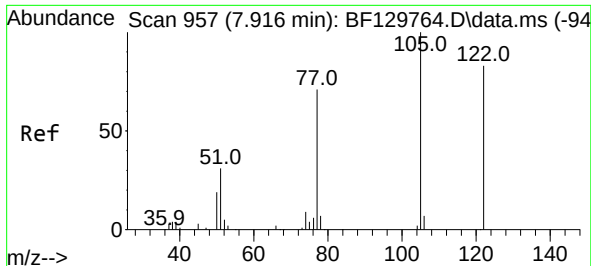
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

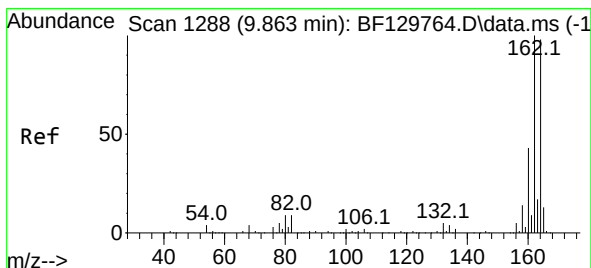
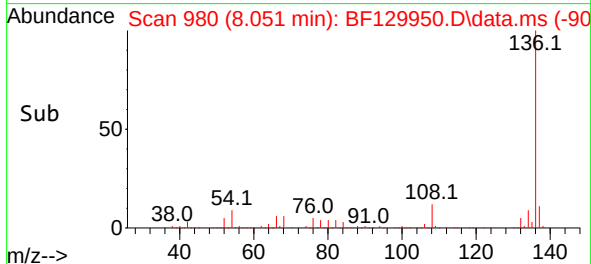
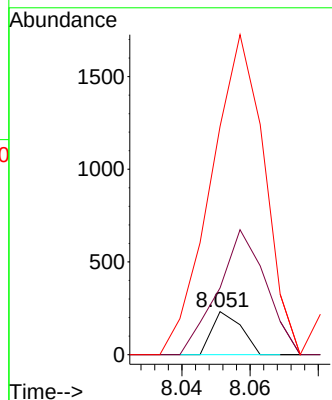
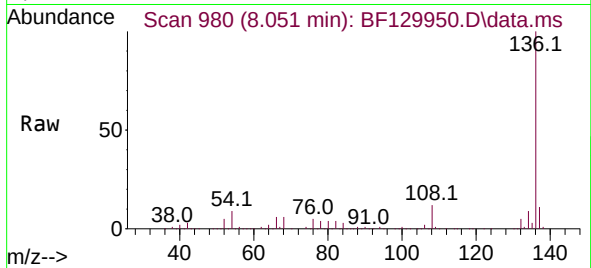




#32
Benzoic acid
Concen: 2.204 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

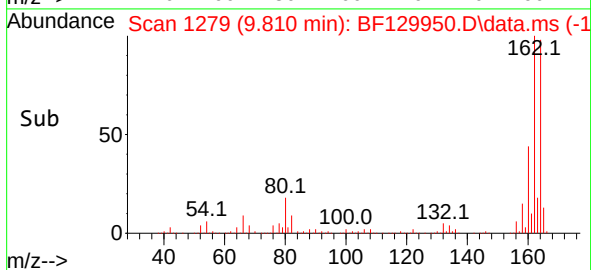
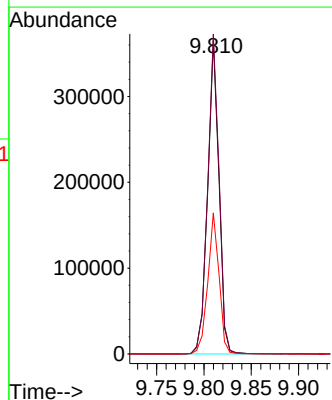
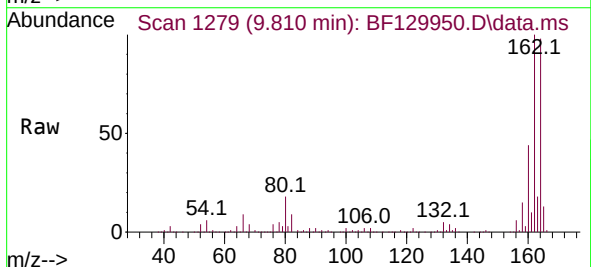
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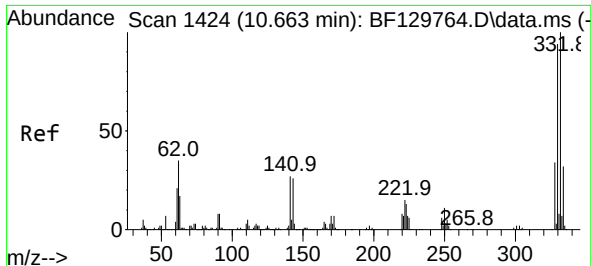
Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 155.2 99.9 139.9#
77 530.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:164 Resp: 302725
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.0 35.4 53.0

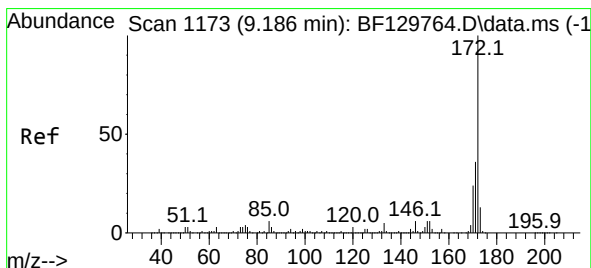
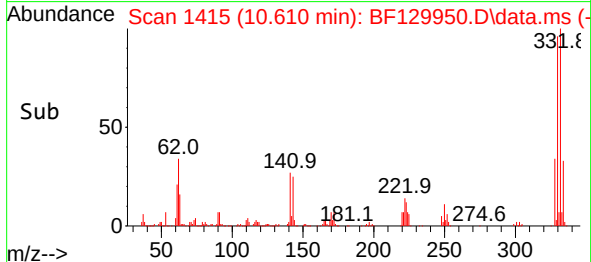
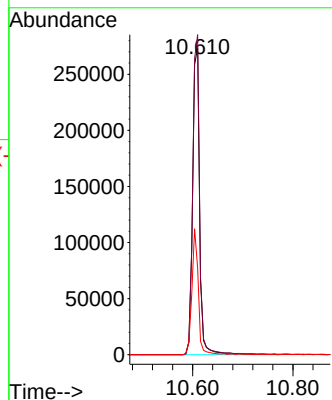
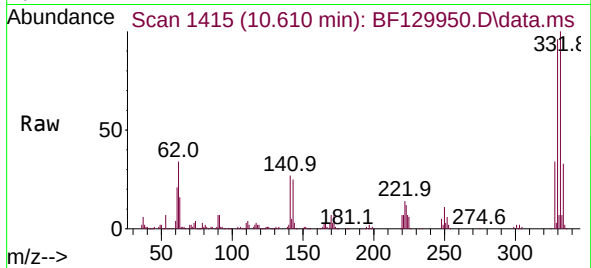




#42
2,4,6-Tribromophenol
Concen: 87.266 ng
RT: 10.610 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

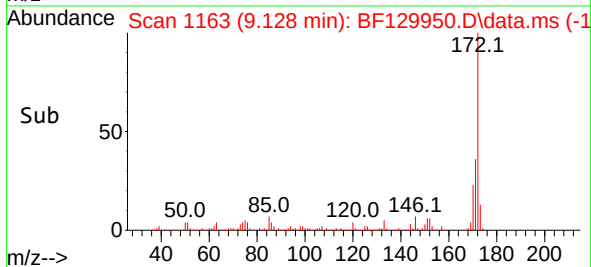
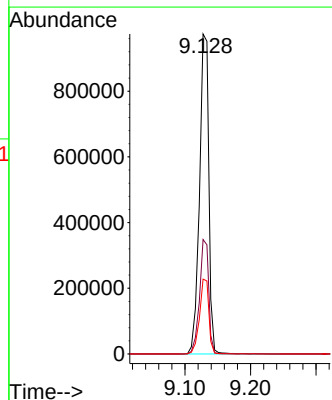
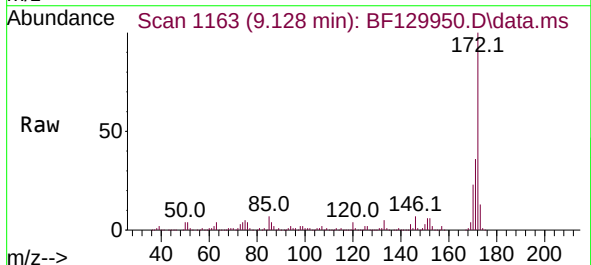
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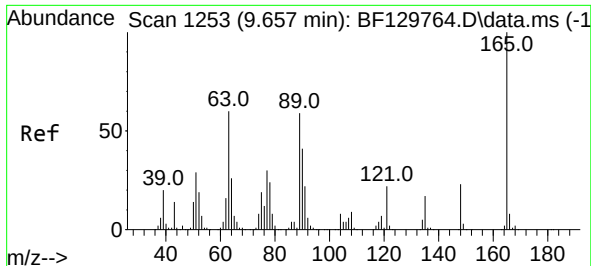
Tgt Ion:330 Resp: 265141
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 37.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 48.431 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:172 Resp: 965319
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.389 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

TP1-0816

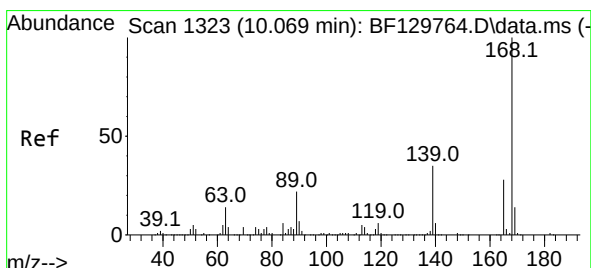
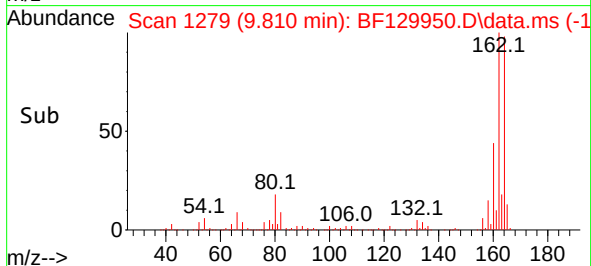
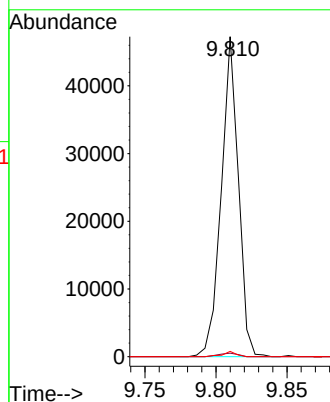
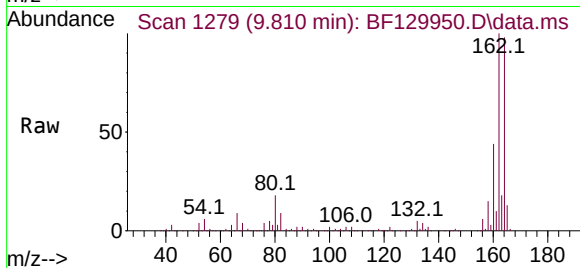
Tgt Ion:165 Resp: 39493

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.7 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.463 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

Tgt Ion:165 Resp: 39493

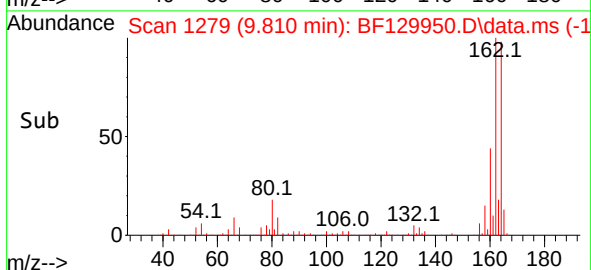
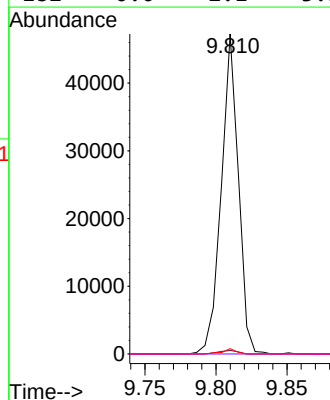
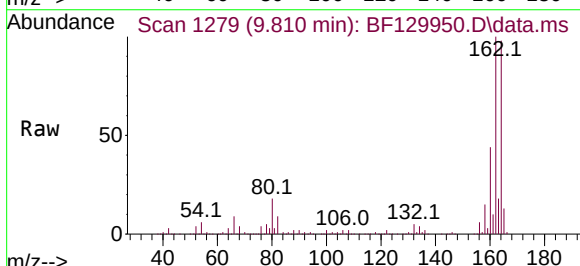
Ion Ratio Lower Upper

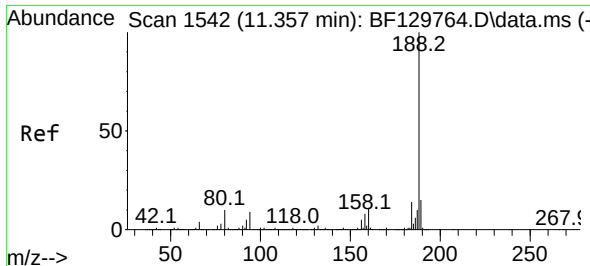
165 100

63 1.1 48.4 72.6#

89 1.7 62.3 93.5#

182 0.0 2.1 3.1#

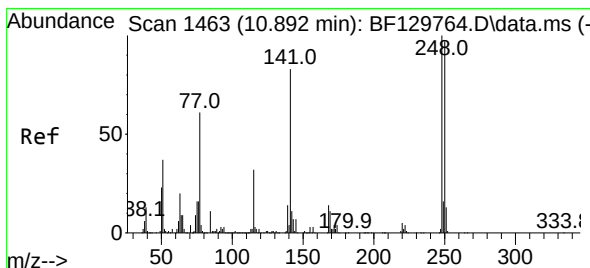
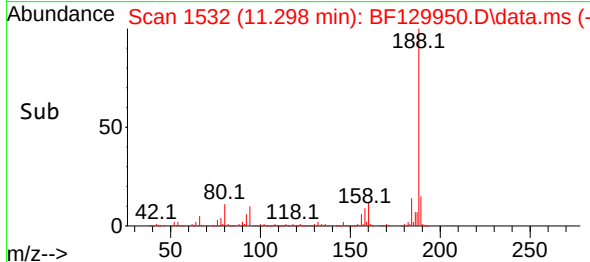
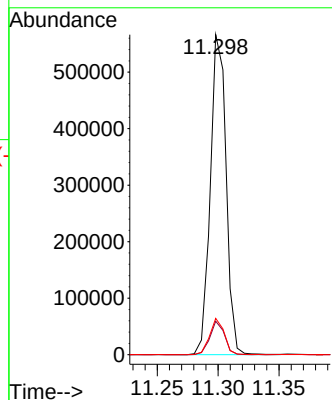
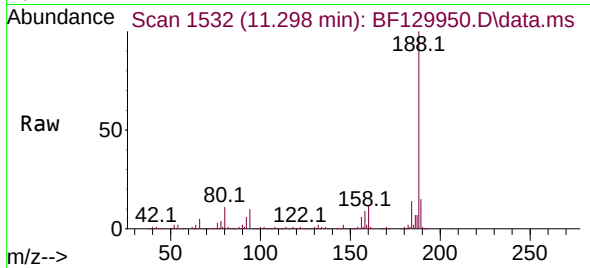




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

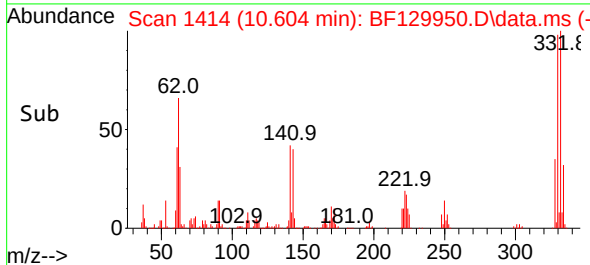
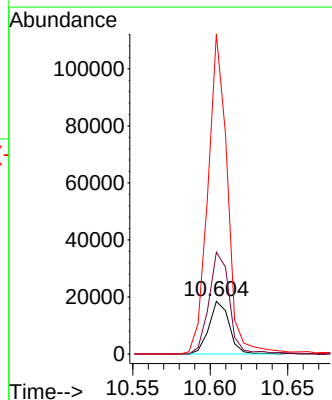
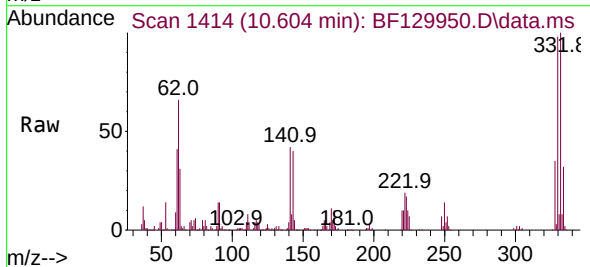
Instrument :
BNA_F
ClientSampleId :
TP1-0816

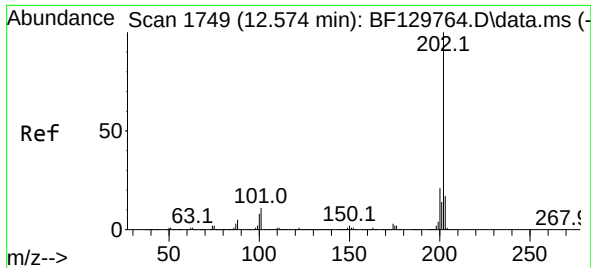
Tgt Ion:188 Resp: 509379
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.241 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:248 Resp: 16803
Ion Ratio Lower Upper
248 100
250 193.2 77.8 116.6#
141 607.1 66.2 99.2#

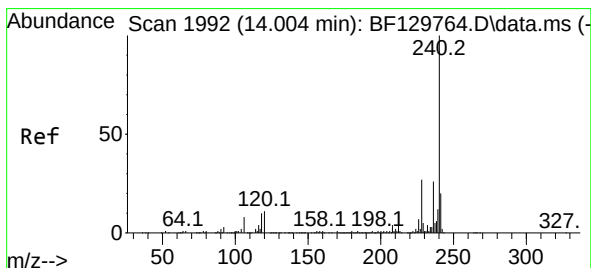
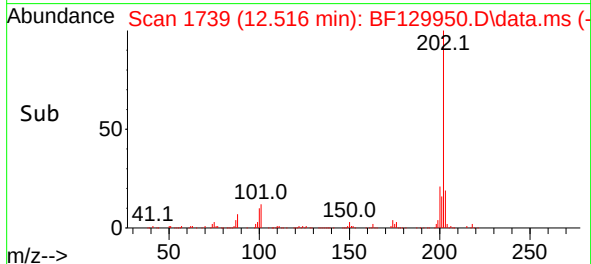
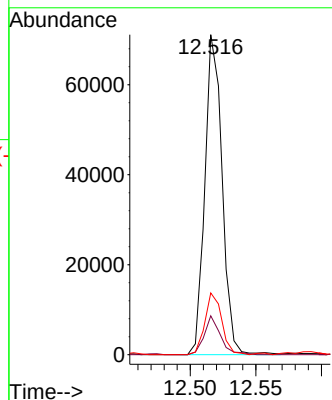
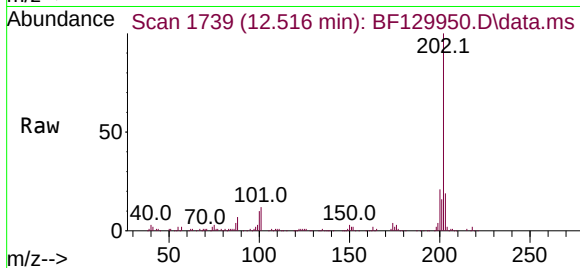




#75
Fluoranthene
Concen: 2.251 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

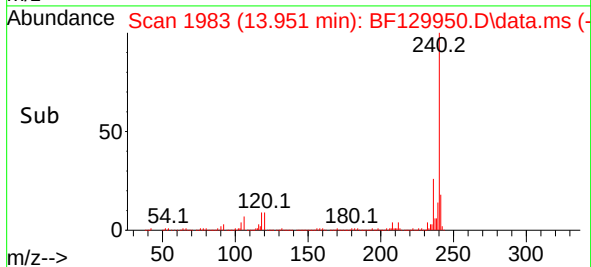
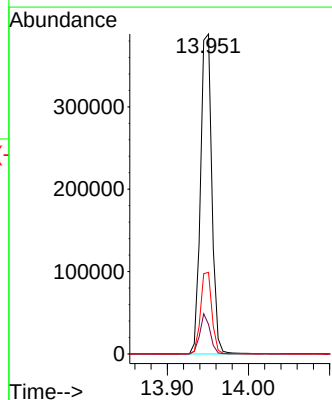
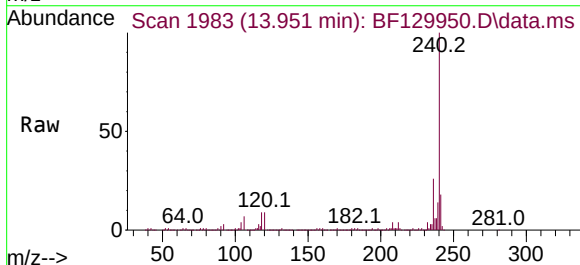
Instrument :
BNA_F
ClientSampleId :
TP1-0816

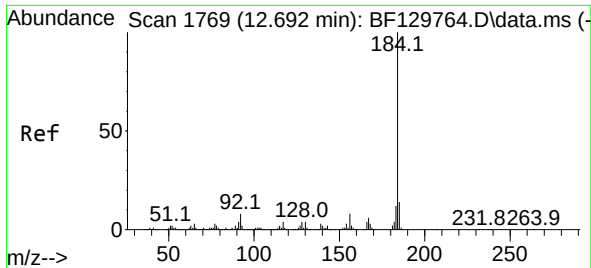
Tgt Ion:202 Resp: 65534
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 19.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:240 Resp: 378490
Ion Ratio Lower Upper
240 100
120 9.3 9.2 13.8
236 25.5 20.7 31.1

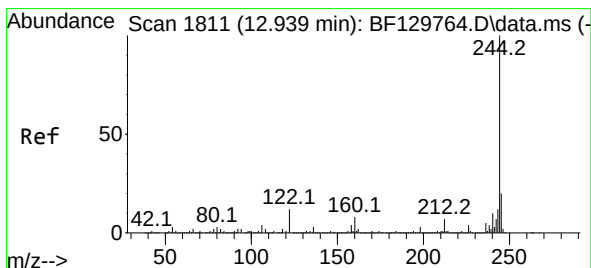
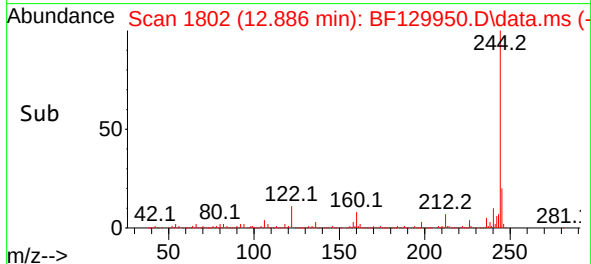
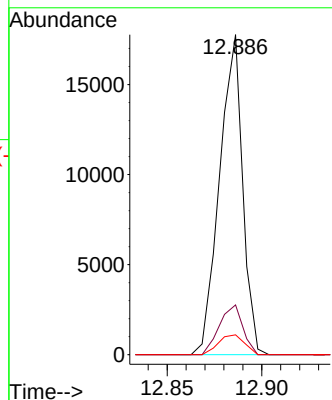
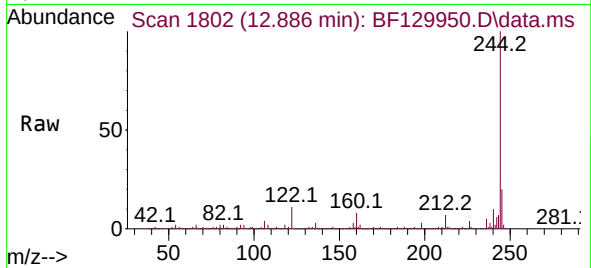




#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1802
Delta R.T. 0.241 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

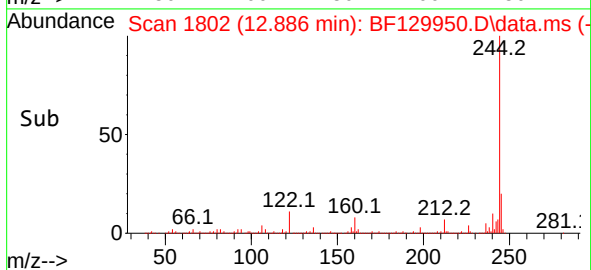
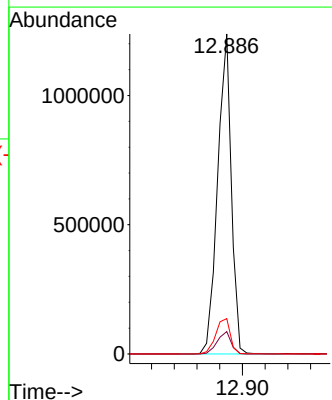
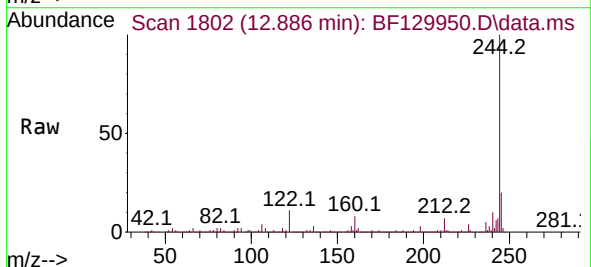
Instrument :
BNA_F
ClientSampleId :
TP1-0816

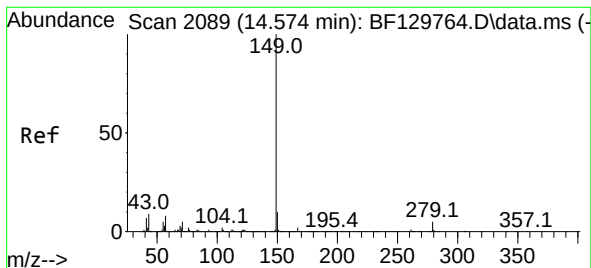
Tgt Ion:184 Resp: 15042
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 6.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 45.513 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:244 Resp: 1035279
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.1 9.9 14.9





#85

Di-n-octyl phthalate

Concen: 7.363 ng

RT: 14.498 min Scan# 2089

Delta R.T. -0.024 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

TP1-0816

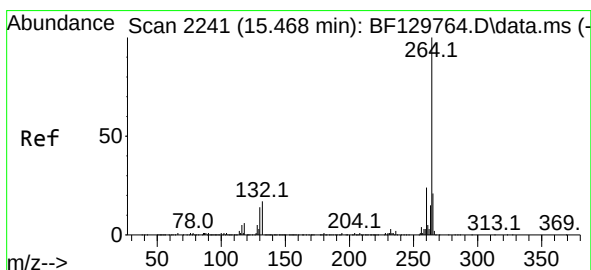
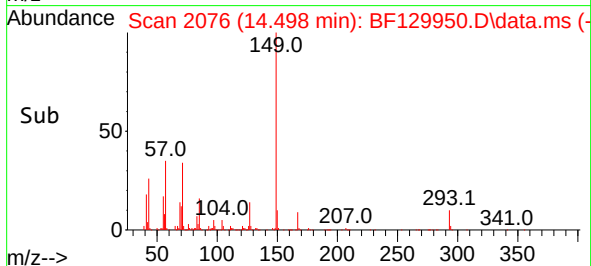
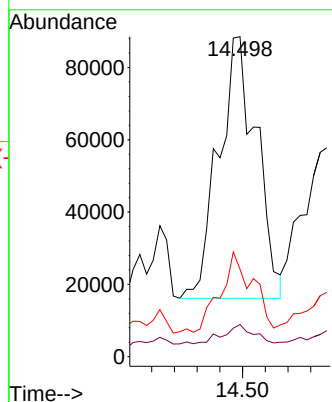
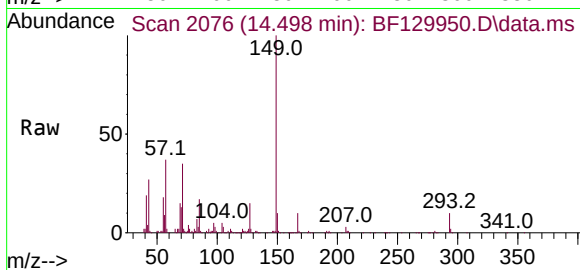
Tgt Ion:149 Resp: 167830

Ion Ratio Lower Upper

149 100

167 5.7 1.3 1.9#

43 26.6 7.8 11.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF129950.D

Acq: 23 Aug 2022 13:04

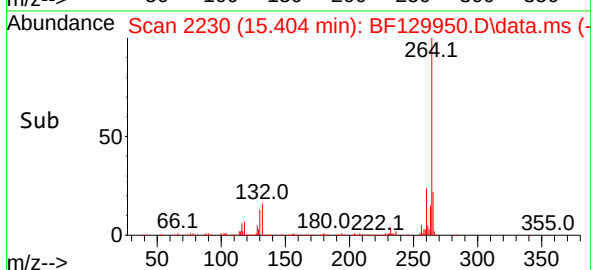
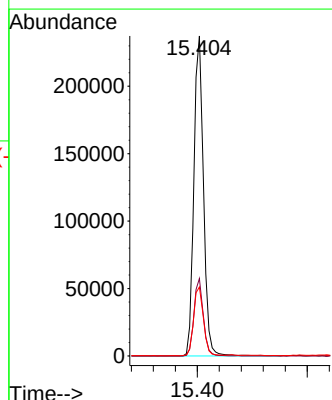
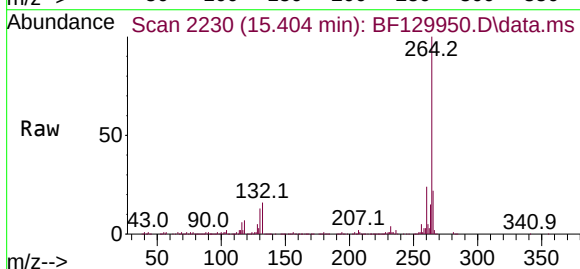
Tgt Ion:264 Resp: 287406

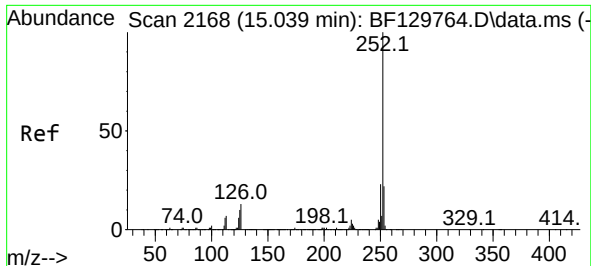
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.5 16.7 25.1

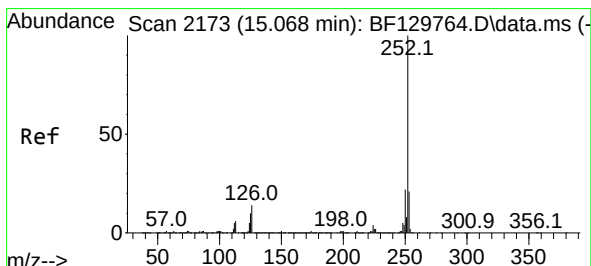
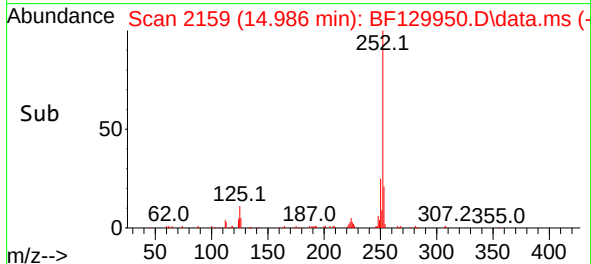
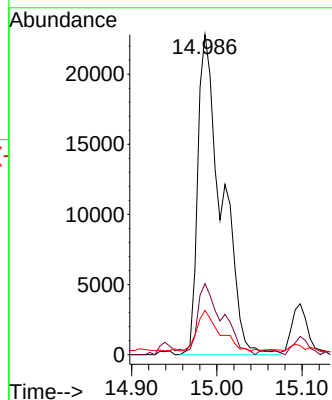
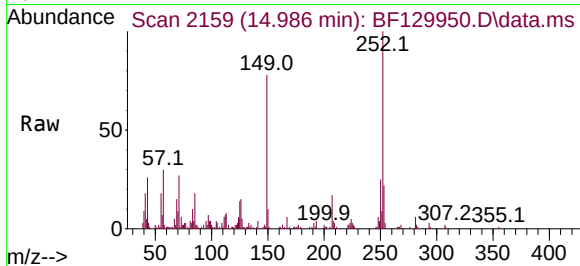




#88
Benzo(b)fluoranthene
Concen: 2.263 ng
RT: 14.986 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
TP1-0816

Tgt Ion:252 Resp: 44546
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.8 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 2.360 ng
RT: 14.986 min Scan# 2159
Delta R.T. -0.023 min
Lab File: BF129950.D
Acq: 23 Aug 2022 13:04

Tgt Ion:252 Resp: 44546
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.8 8.3 12.5#

