

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129088.D
 Acq On : 01 Jul 2022 12:56
 Operator : CG\JU
 Sample : N3543-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-062822-SB18-GW

Quant Time: Jul 02 01:24:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

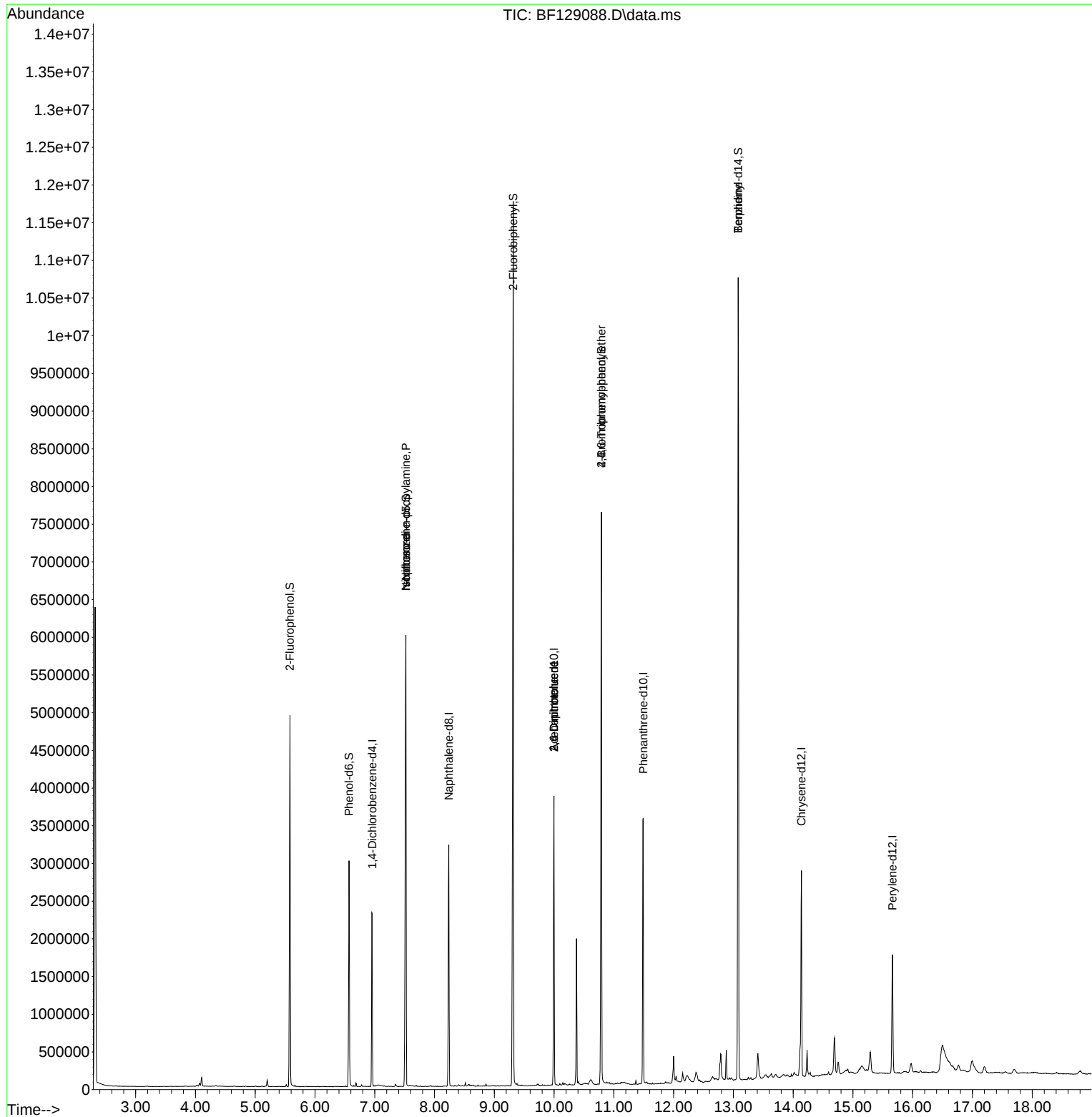
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	376588	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1443370	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	756022	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1352537	20.000	ng	0.00
76) Chrysene-d12	14.139	240	883692	20.000	ng	-0.01
86) Perylene-d12	15.663	264	721377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1318785	59.205	ng	0.00
7) Phenol-d6	6.569	99	1008563	36.457	ng	-0.02
23) Nitrobenzene-d5	7.522	82	2215105	91.538	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1042763	126.847	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3869652	81.884	ng	0.00
79) Terphenyl-d14	13.080	244	3863170	90.782	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	586	Below Cal	#	56
19) n-Nitroso-di-n-propyla...	7.522	70	294973	18.432	ng	# 70
25) Isophorone	7.522	82	2125932	51.983	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	99690	10.315	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	99690	8.355	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	62251	4.327	ng	# 1
77) Benizidine	13.080	184	55808	3.547	ng	# 86

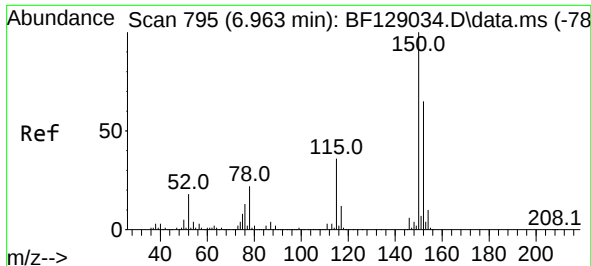
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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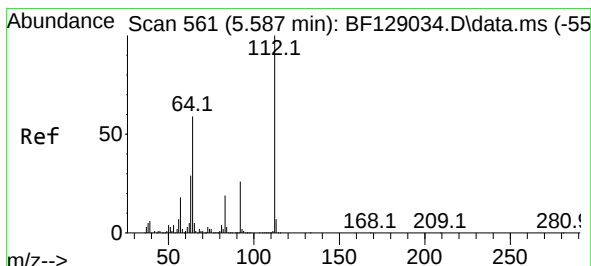
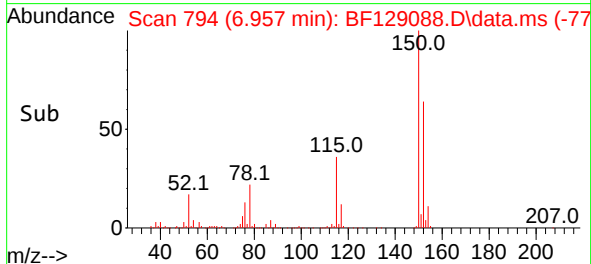
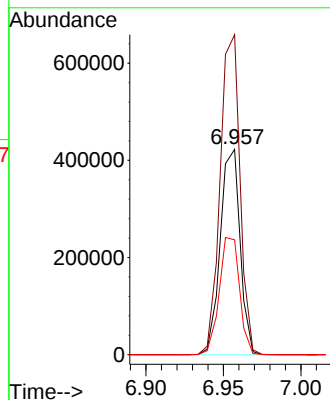
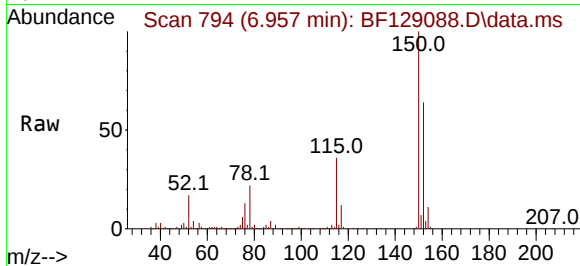




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

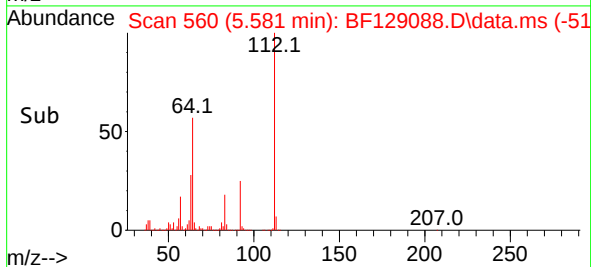
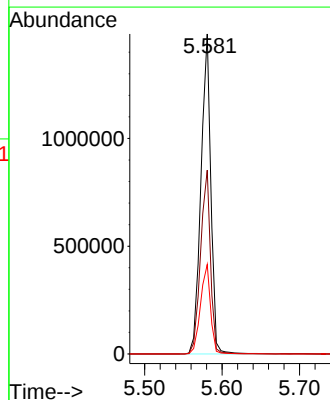
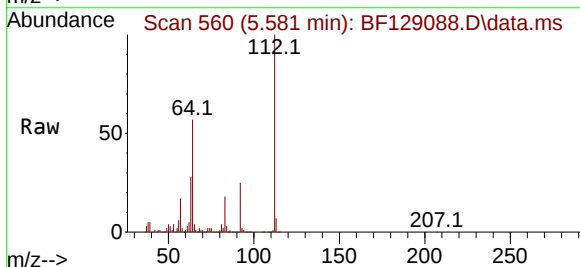
Instrument :
BNA_F
ClientSampleId :
KENS-062822-SB18-GW

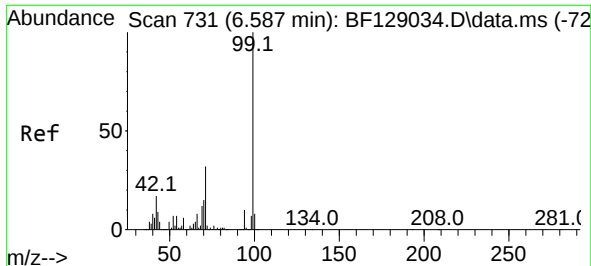
Tgt Ion:152 Resp: 376588
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 59.205 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Tgt Ion:112 Resp: 1318785
Ion Ratio Lower Upper
112 100
64 57.4 53.3 79.9
63 28.0 28.0 42.0#

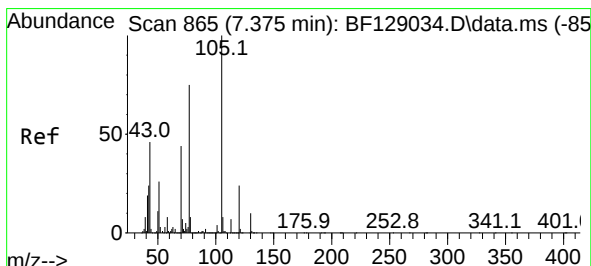
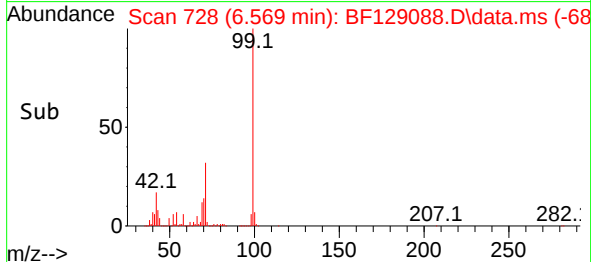
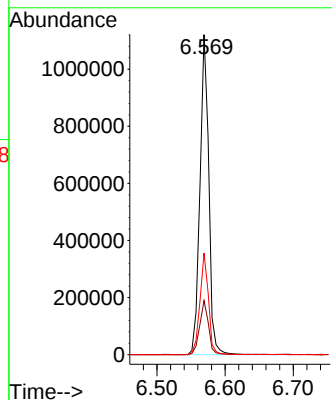
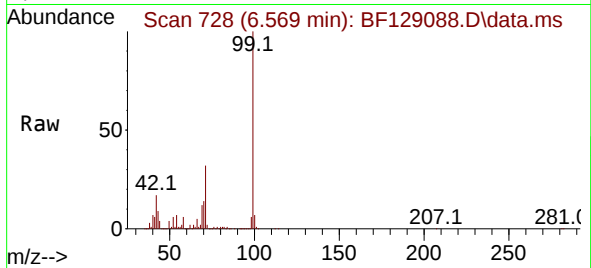




#7
Phenol-d6
Concen: 36.457 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

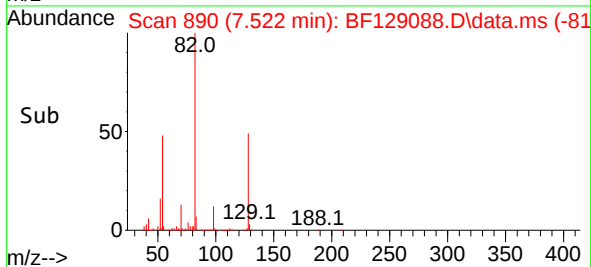
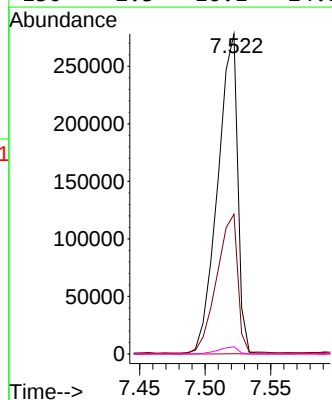
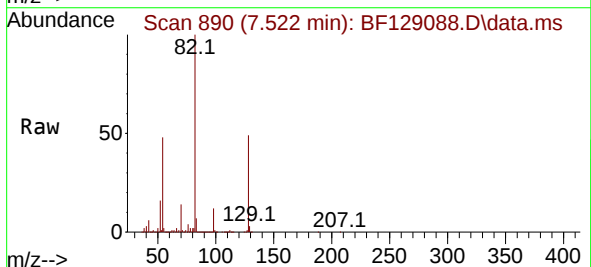
Instrument :
BNA_F
ClientSampleId :
KENS-062822-SB18-GW

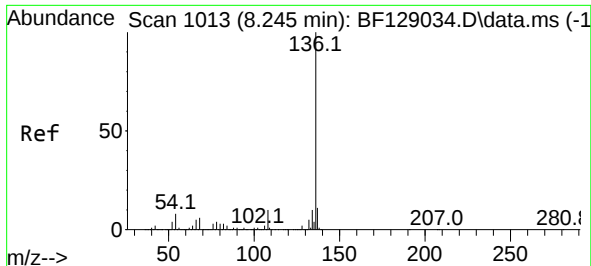
Tgt Ion: 99 Resp: 1008563
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 31.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.432 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

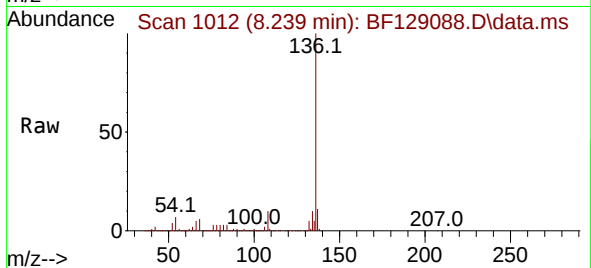
Tgt Ion: 70 Resp: 294973
Ion Ratio Lower Upper
70 100
42 43.6 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#



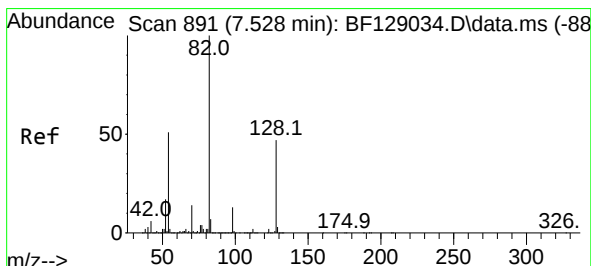
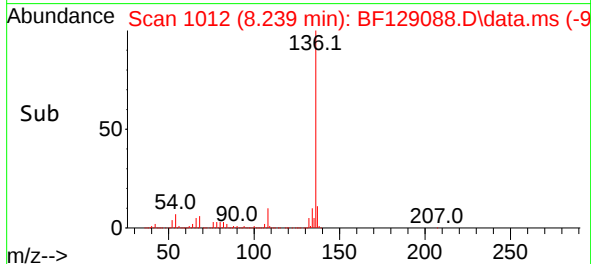
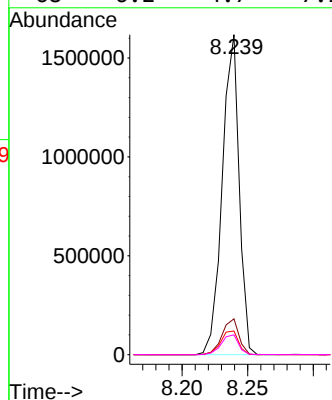


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Instrument :
BNA_F
ClientSampleId :
KENS-062822-SB18-GW

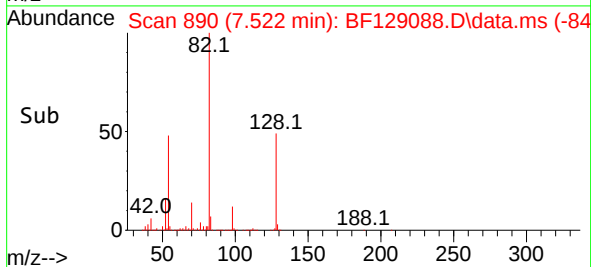
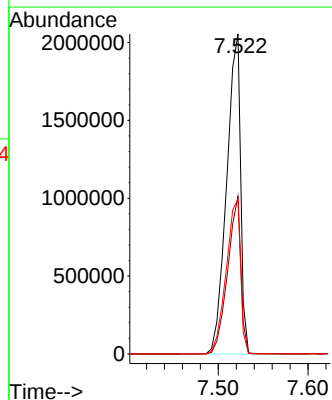
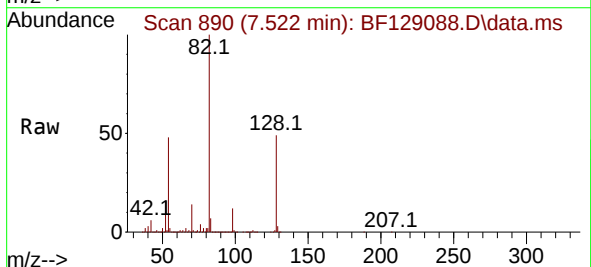


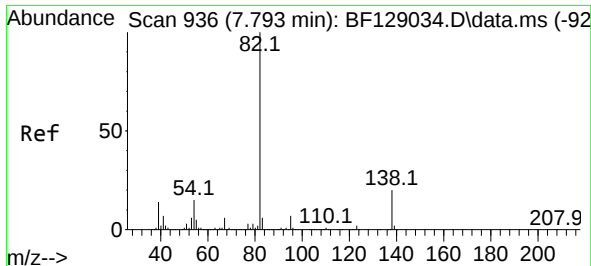
Tgt Ion:136 Resp: 1443370
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 7.5 11.3#
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 91.538 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Tgt Ion: 82 Resp: 2215105
Ion Ratio Lower Upper
82 100
128 49.3 34.0 51.0
54 48.3 46.9 70.3

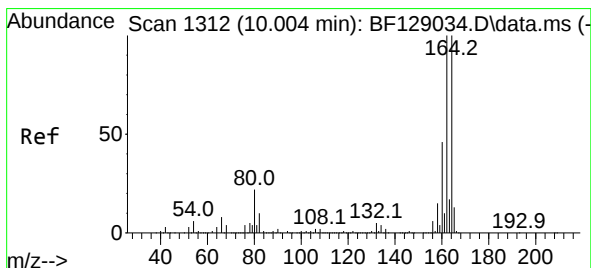
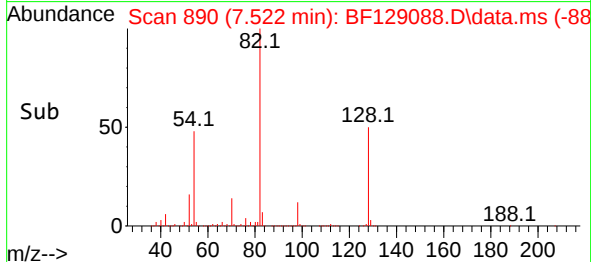
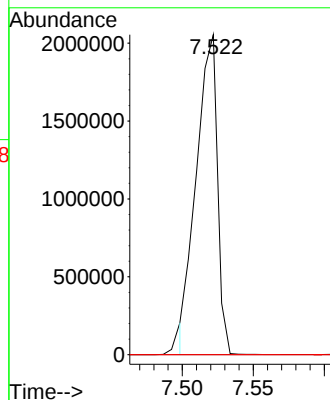
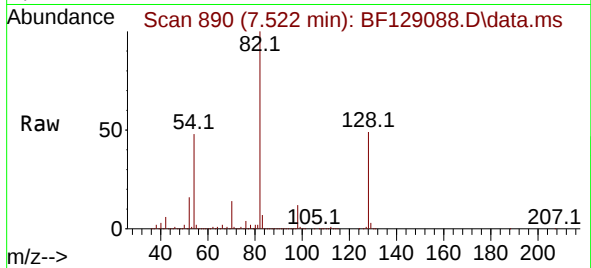




#25
Isophorone
Concen: 51.983 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

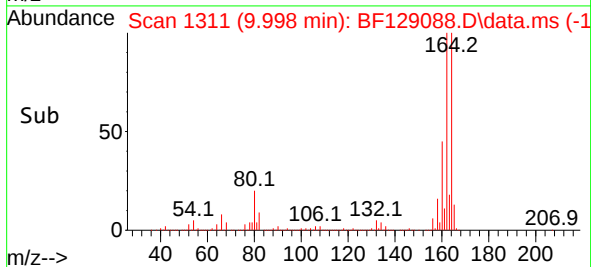
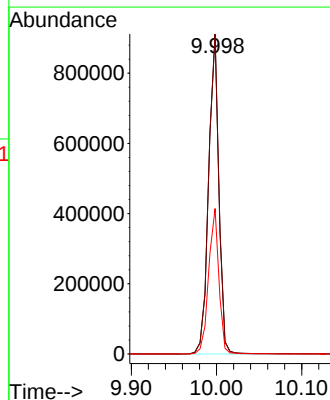
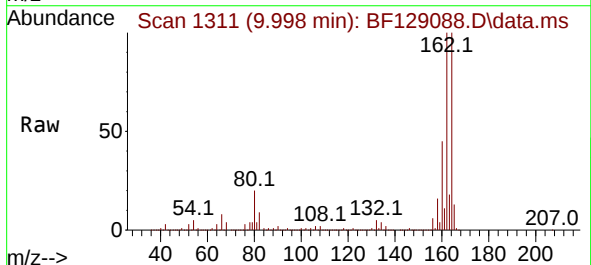
Instrument :
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ClientSampleId :
KENS-062822-SB18-GW

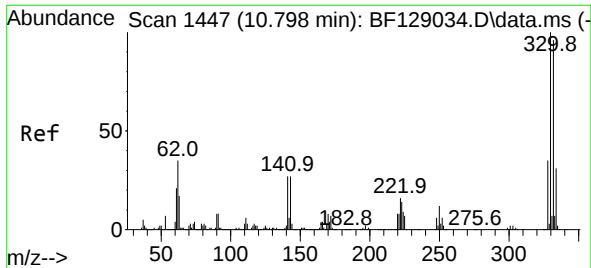
Tgt Ion: 82 Resp: 2125932
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Tgt Ion:164 Resp: 756022
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.5 34.2 51.4

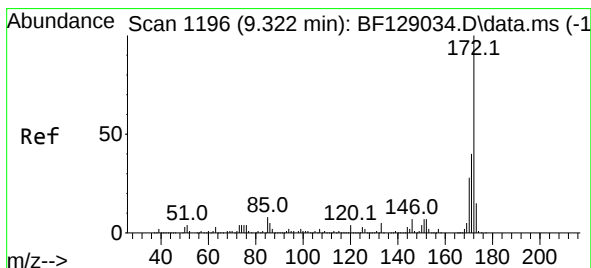
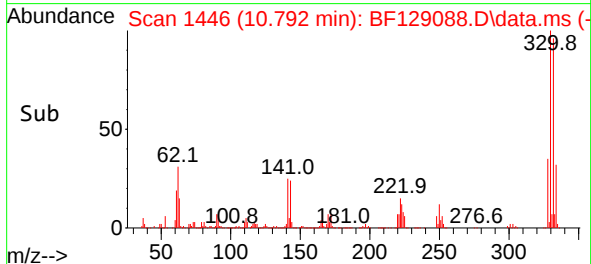
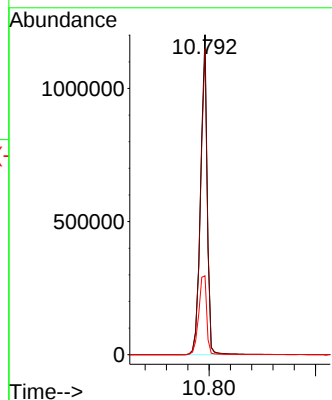
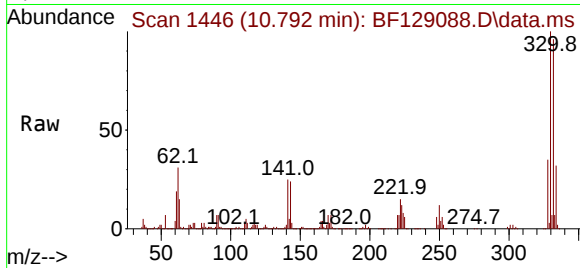




#42
2,4,6-Tribromophenol
Concen: 126.847 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

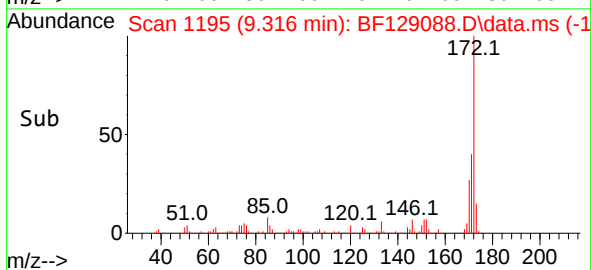
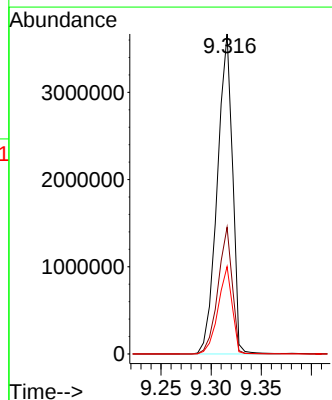
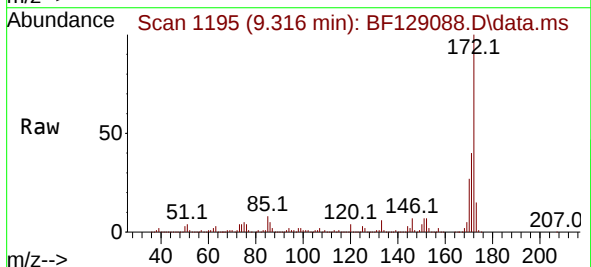
Instrument :
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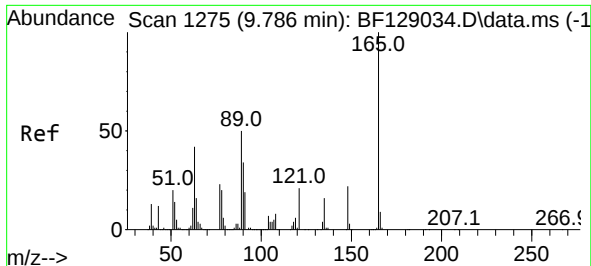
Tgt Ion:330 Resp: 1042763
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 29.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.884 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Tgt Ion:172 Resp: 3869652
Ion Ratio Lower Upper
172 100
171 39.6 28.8 43.2
170 27.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.315 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129088.D

Acq: 01 Jul 2022 12:56

Instrument :

BNA_F

ClientSampleId :

KENS-062822-SB18-GW

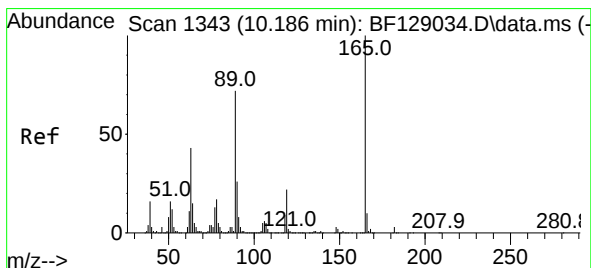
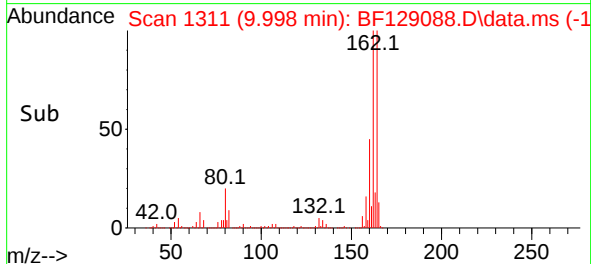
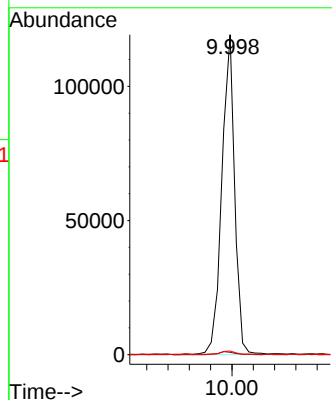
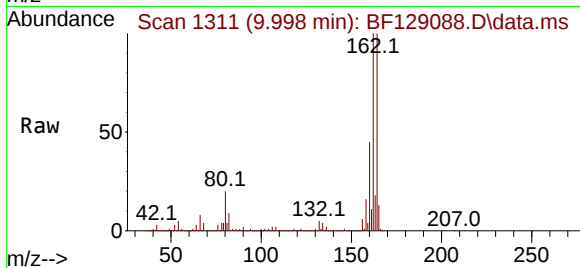
Tgt Ion:165 Resp: 99690

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.355 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129088.D

Acq: 01 Jul 2022 12:56

Tgt Ion:165 Resp: 99690

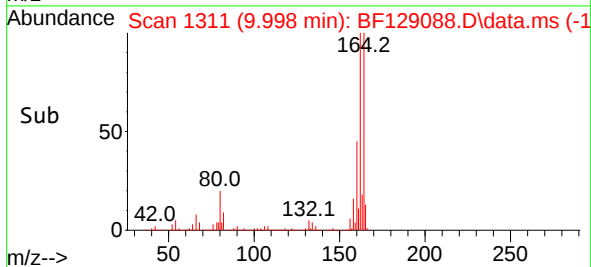
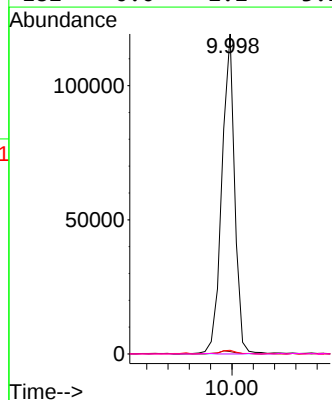
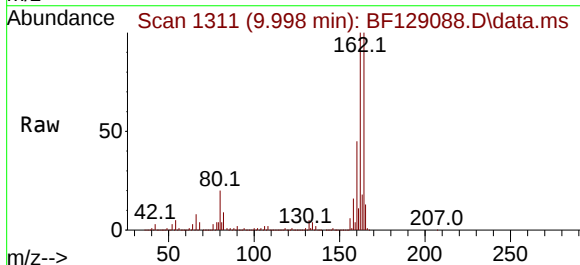
Ion Ratio Lower Upper

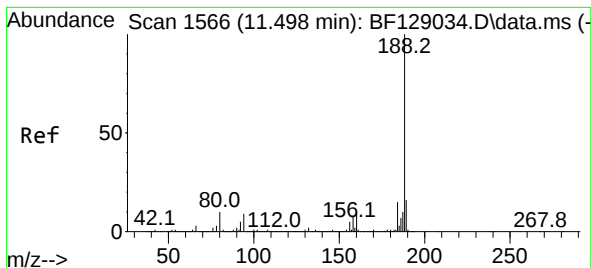
165 100

63 0.8 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129088.D

Acq: 01 Jul 2022 12:56

Instrument :

BNA_F

ClientSampleId :

KENS-062822-SB18-GW

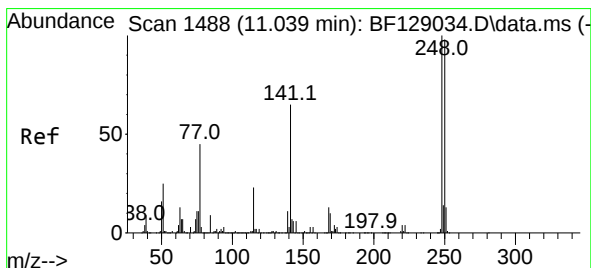
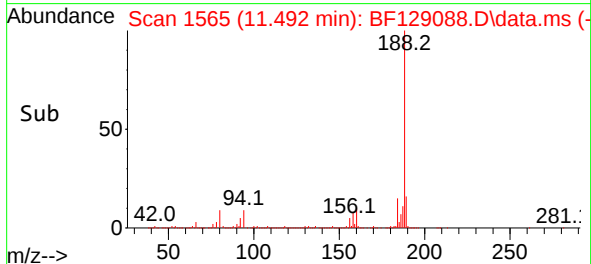
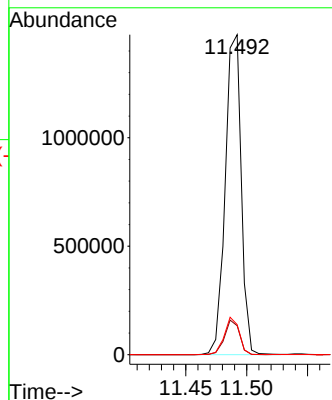
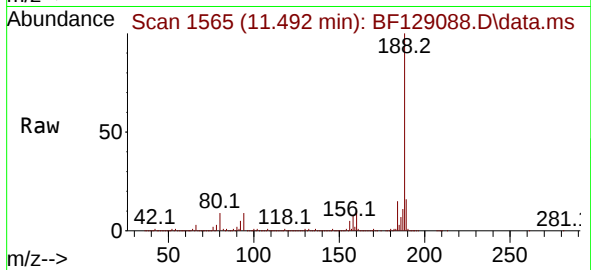
Tgt Ion:188 Resp: 1352537

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.327 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129088.D

Acq: 01 Jul 2022 12:56

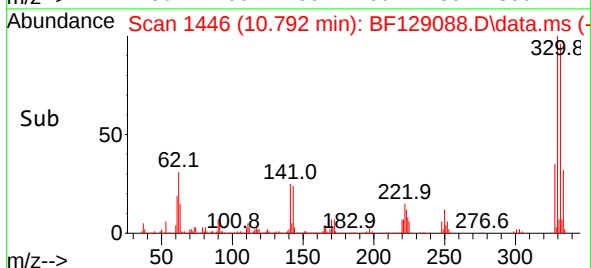
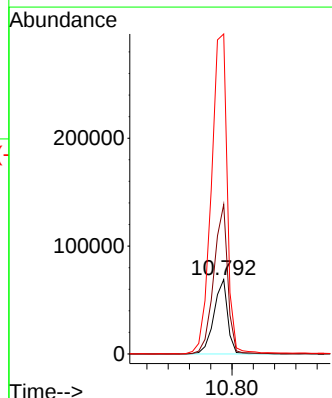
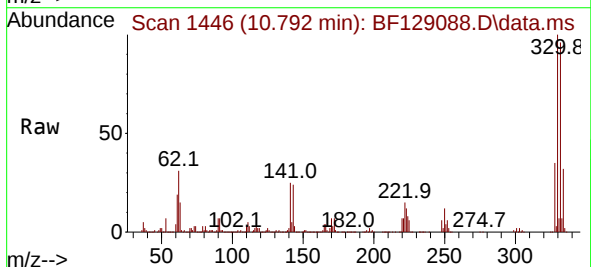
Tgt Ion:248 Resp: 62251

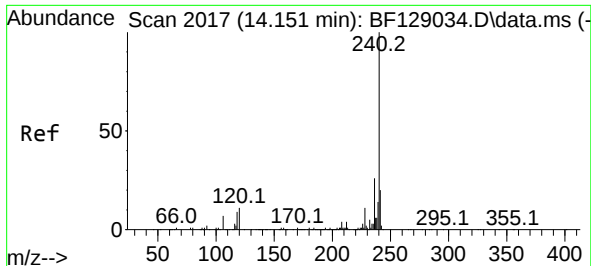
Ion Ratio Lower Upper

248 100

250 201.0 80.6 120.8#

141 430.5 58.9 88.3#

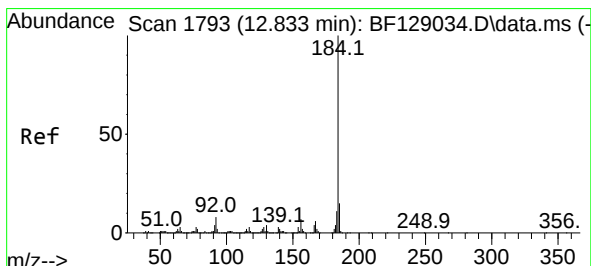
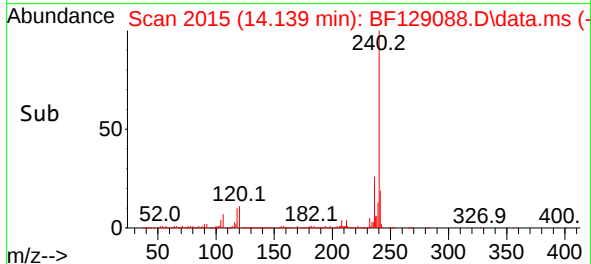
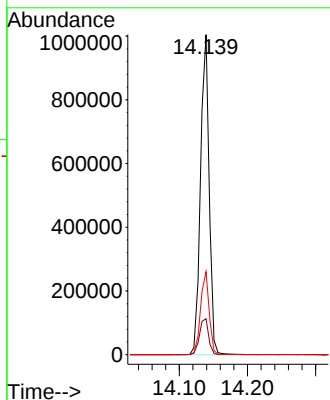
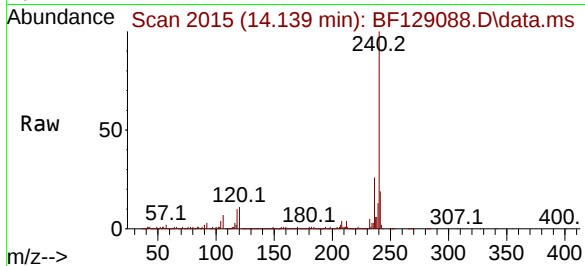




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

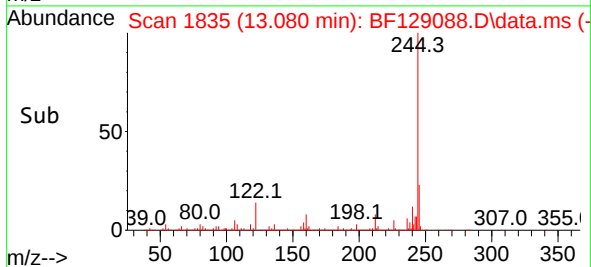
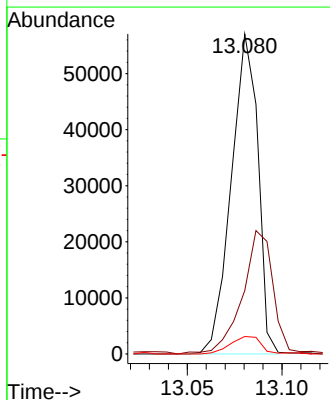
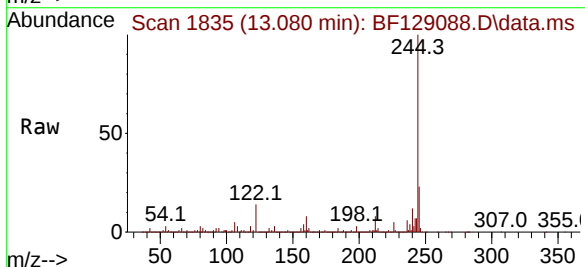
Instrument :
BNA_F
ClientSampleId :
KENS-062822-SB18-GW

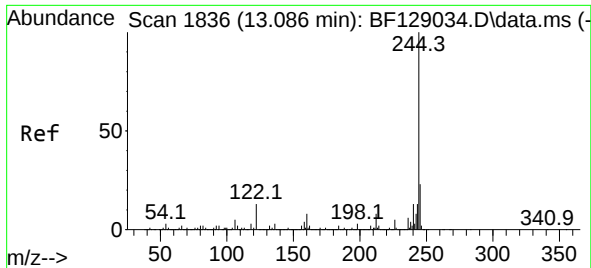
Tgt Ion:240 Resp: 883692
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 20.8 31.2



#77
Benzidine
Concen: 3.547 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129088.D
Acq: 01 Jul 2022 12:56

Tgt Ion:184 Resp: 55808
Ion Ratio Lower Upper
184 100
185 19.8 11.9 17.9#
183 5.4 9.3 13.9#

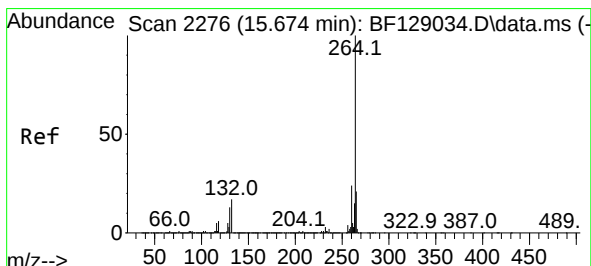
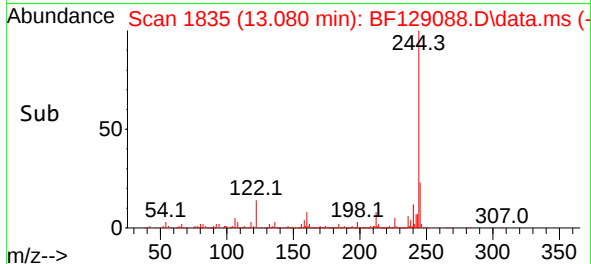
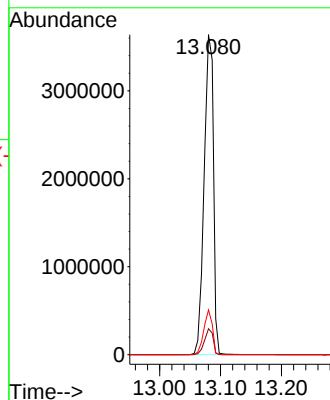
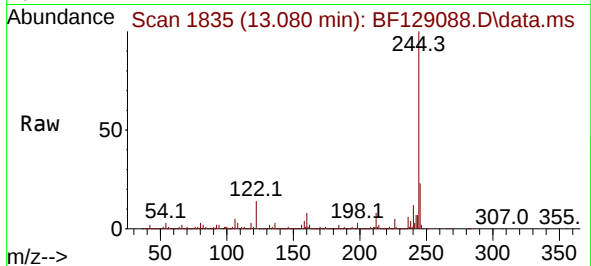




#79
 Terphenyl-d14
 Concen: 90.782 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF129088.D
 Acq: 01 Jul 2022 12:56

Instrument :
 BNA_F
 ClientSampleId :
 KENS-062822-SB18-GW

Tgt Ion:244 Resp: 3863170
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 14.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129088.D
 Acq: 01 Jul 2022 12:56

Tgt Ion:264 Resp: 721377
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.1 17.2 25.8

