

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132571.D
 Acq On : 28 Feb 2023 14:40
 Operator : CG\JU
 Sample : 01703-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON1

Quant Time: Feb 28 15:01:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

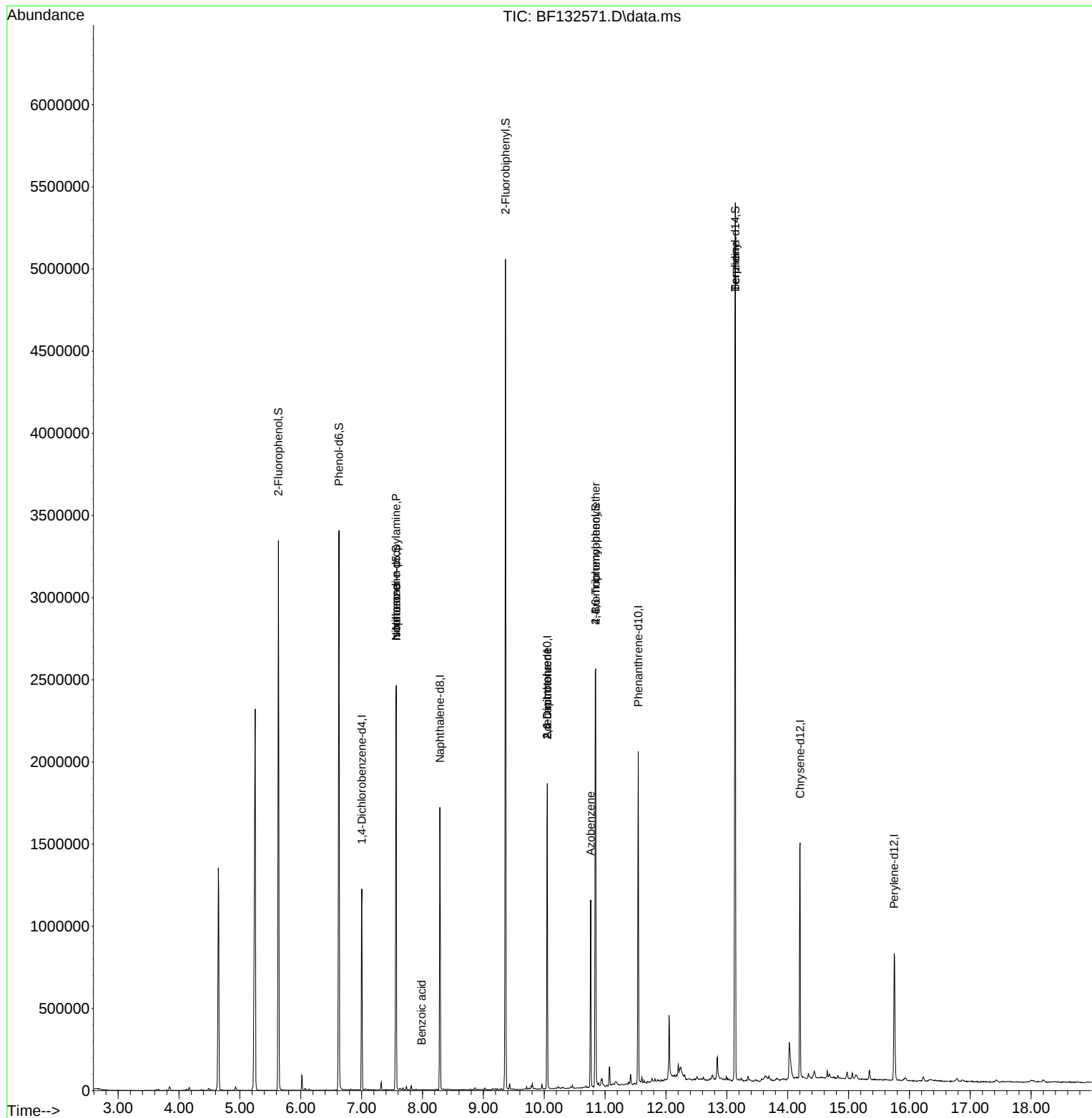
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	180193	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	666250	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	365401	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	709440	20.000	ng	0.00
76) Chrysene-d12	14.204	240	515508	20.000	ng	0.00
86) Perylene-d12	15.751	264	390726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	865970	77.997	ng	0.00
7) Phenol-d6	6.628	99	1187282	81.938	ng	0.00
23) Nitrobenzene-d5	7.569	82	861375	61.339	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	326748	82.801	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1471051	61.300	ng	0.00
79) Terphenyl-d14	13.139	244	1885052	61.825	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	116454	13.059	ng	# 75
25) Isophorone	7.569	82	860574	31.964	ng	# 67
32) Benzoic acid	7.986	122	60	3.843	ng	# 74
51) 2,6-Dinitrotoluene	10.051	165	48656	8.030	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	48656	6.036	ng	# 21
63) Azobenzene	10.763	77	190854	6.935	ng	# 1
67) 4-Bromophenyl-phenylether	10.845	248	20951	2.611	ng	# 1
77) Benzidine	13.139	184	28628	2.281	ng	# 93

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

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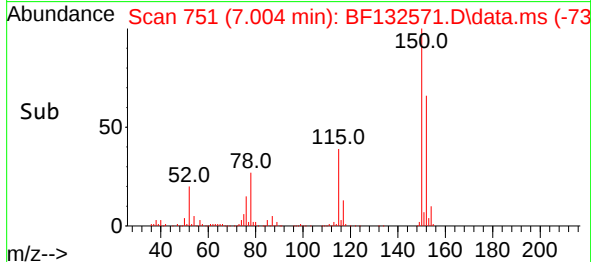
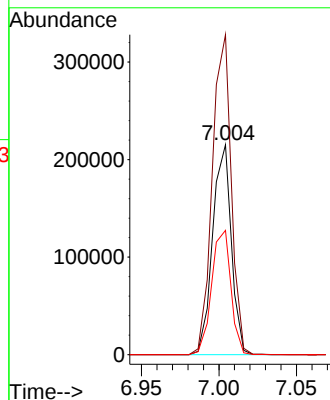
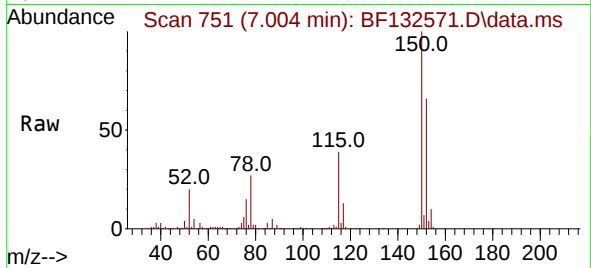




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

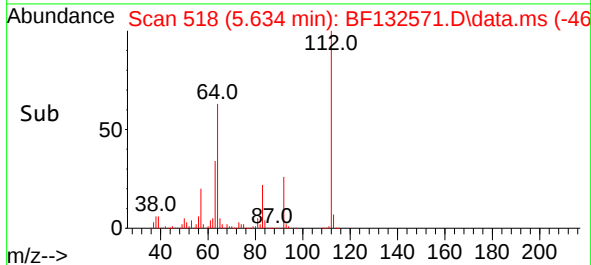
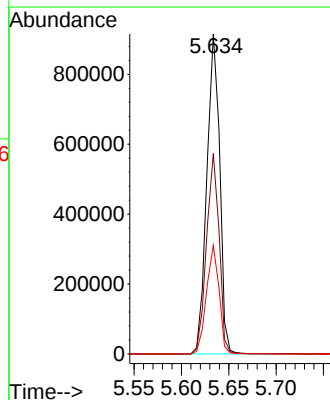
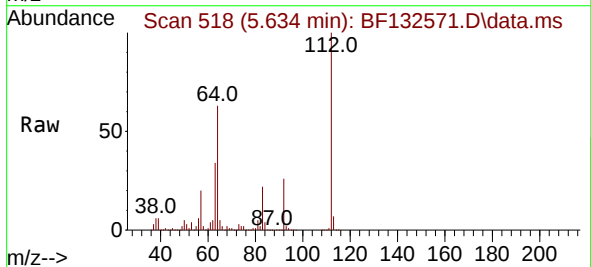
Instrument :
BNA_F
ClientSampleId :
KU-CON1

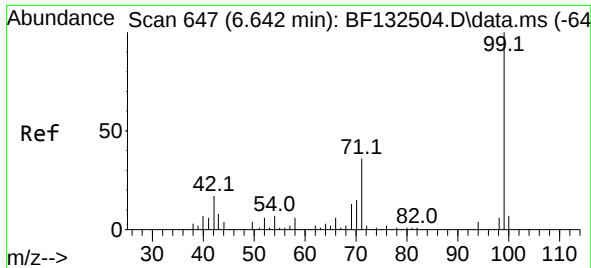
Tgt Ion:152 Resp: 180193
Ion Ratio Lower Upper
152 100
150 152.5 125.4 188.2
115 59.2 47.8 71.6



#5
2-Fluorophenol
Concen: 77.997 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion:112 Resp: 865970
Ion Ratio Lower Upper
112 100
64 62.6 51.6 77.4
63 33.9 27.4 41.2



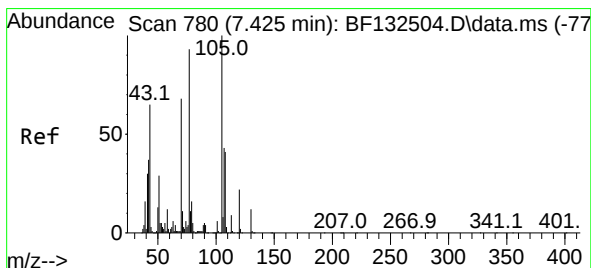
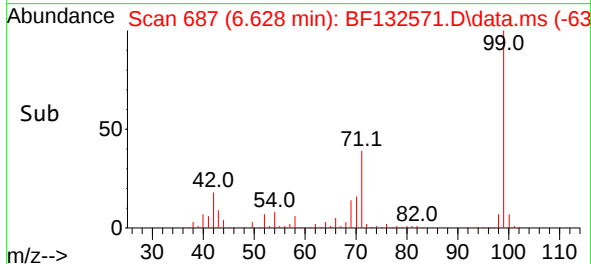
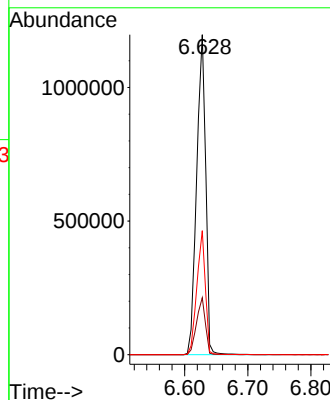
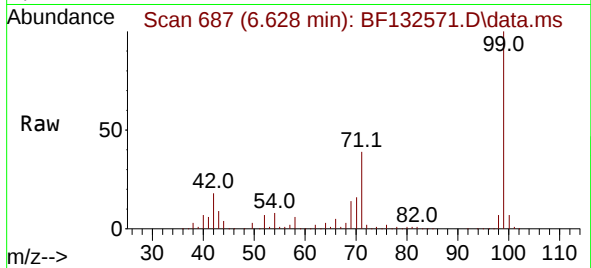


#7
Phenol-d6
Concen: 81.938 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Instrument :
BNA_F
ClientSampleId :
KU-CON1

Tgt Ion: 99 Resp: 1187282

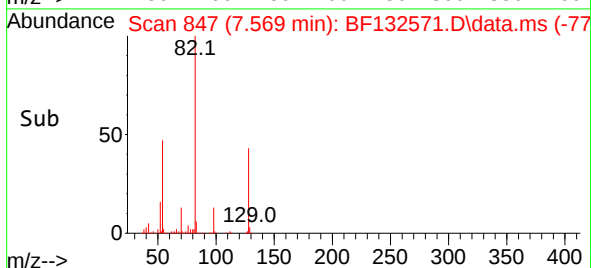
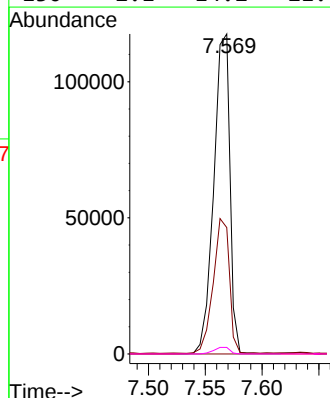
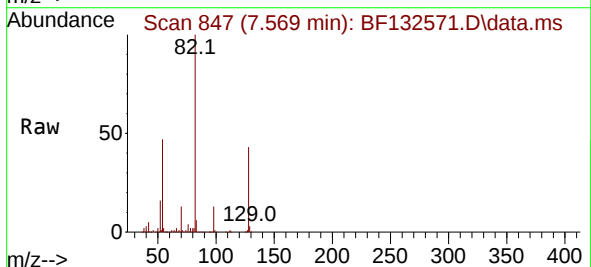
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.9	20.9
71	38.8	28.5	42.7

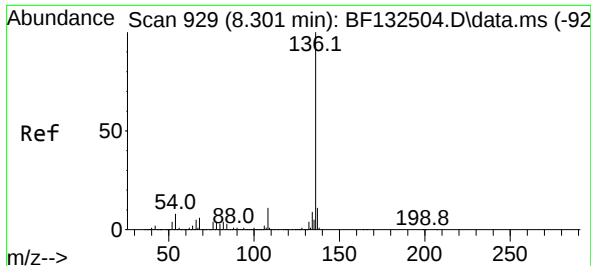


#19
n-Nitroso-di-n-propylamine
Concen: 13.059 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion: 70 Resp: 116454

Ion	Ratio	Lower	Upper
70	100		
42	39.5	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

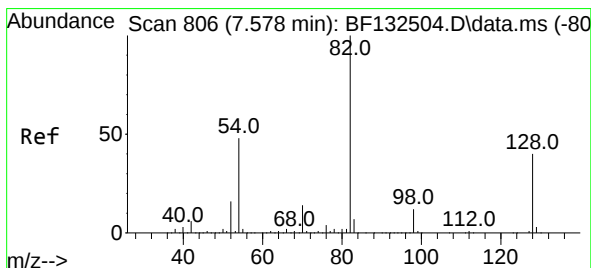
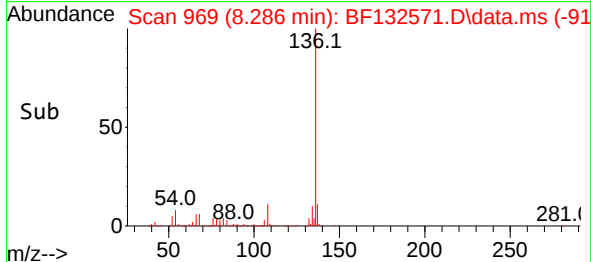
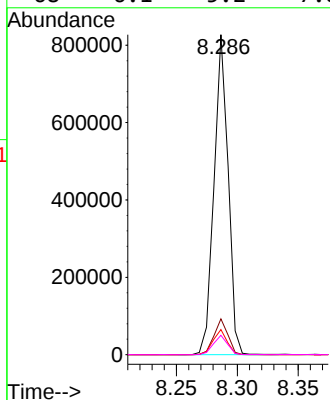
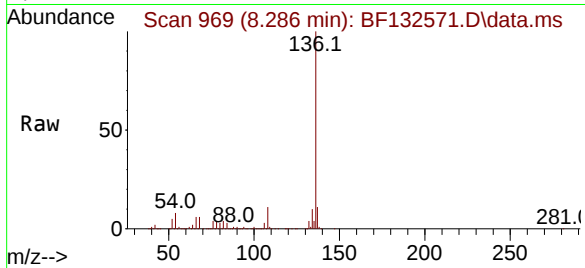




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

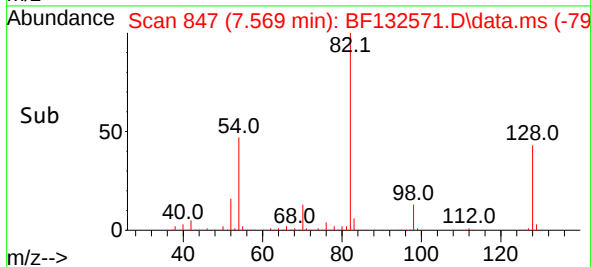
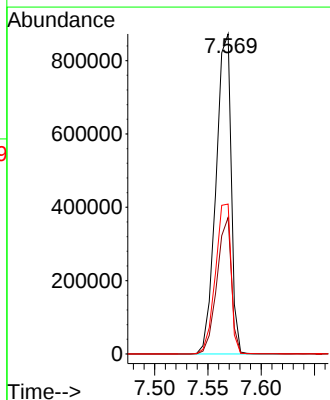
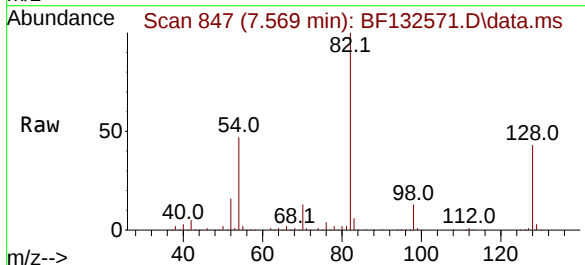
Instrument :
BNA_F
ClientSampleId :
KU-CON1

Tgt Ion:136 Resp: 666250
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.9 6.2 9.4
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.339 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion: 82 Resp: 861375
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 46.9 38.4 57.6

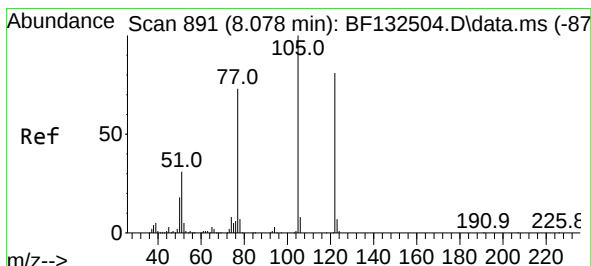
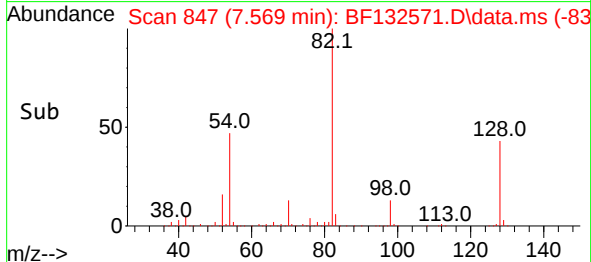
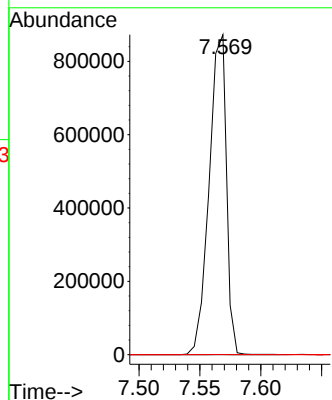
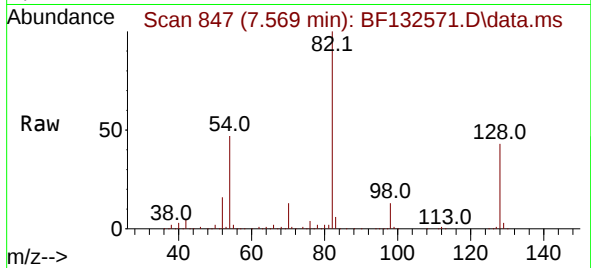




#25
Isophorone
Concen: 31.964 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

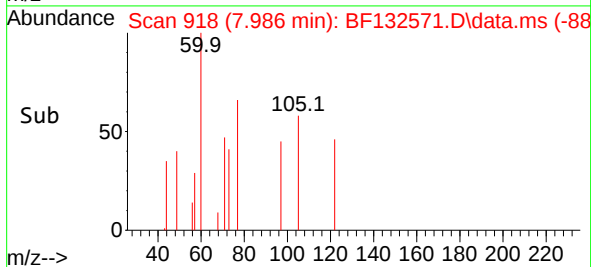
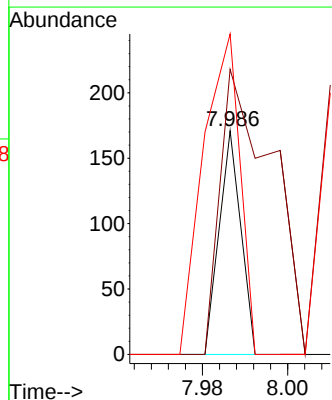
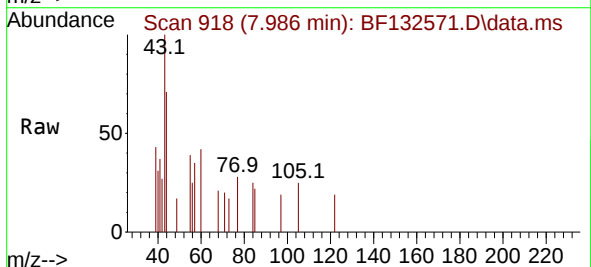
Instrument :
BNA_F
ClientSampleId :
KU-CON1

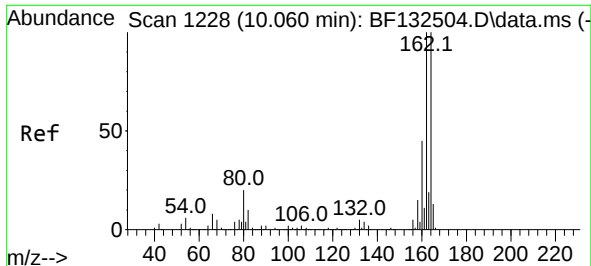
Tgt Ion: 82 Resp: 860574
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.843 ng
RT: 7.986 min Scan# 918
Delta R.T. -0.079 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 127.5 102.6 142.6
77 143.3 70.2 110.2#

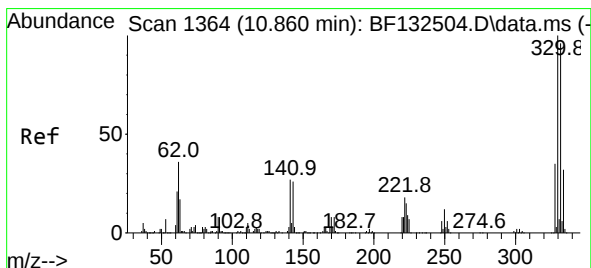
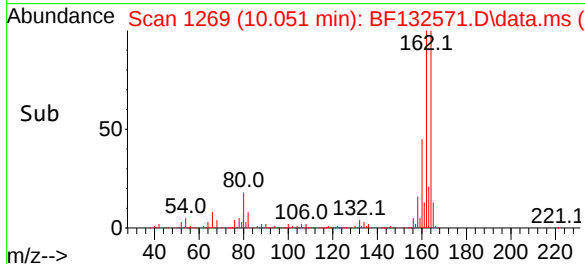
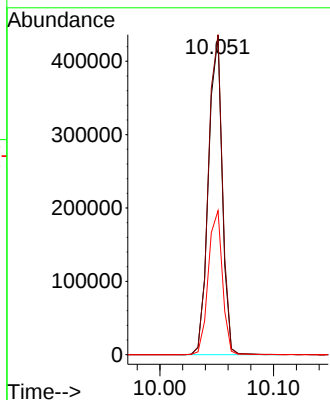
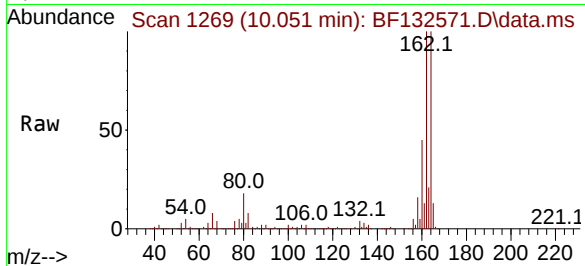




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

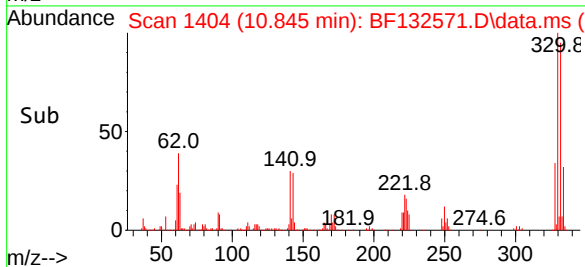
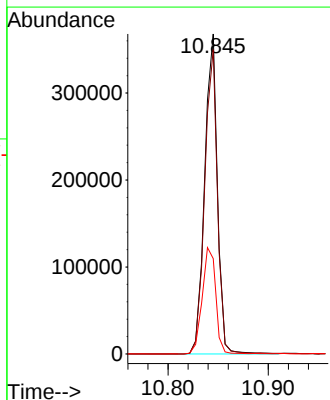
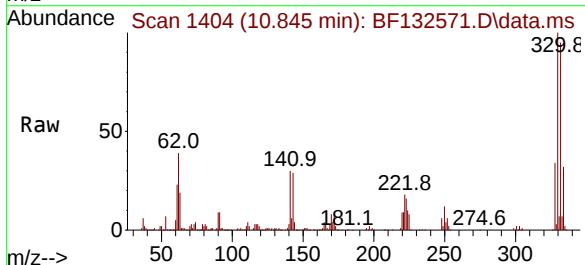
Instrument :
BNA_F
ClientSampleId :
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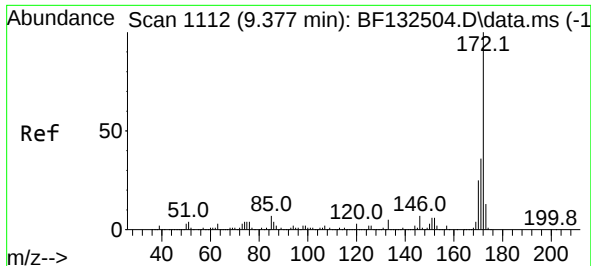
Tgt Ion:164 Resp: 365401
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 82.801 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion:330 Resp: 326748
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 35.4 28.4 42.6

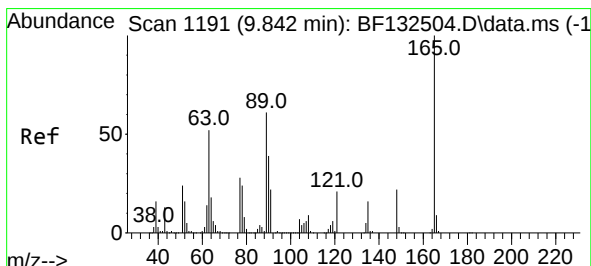
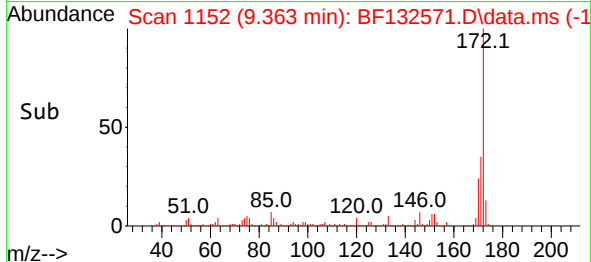
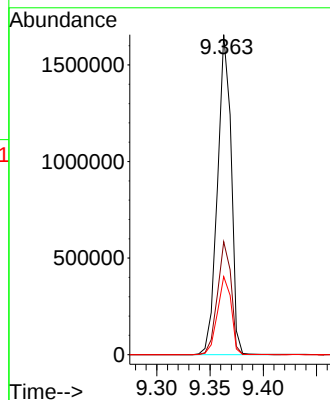
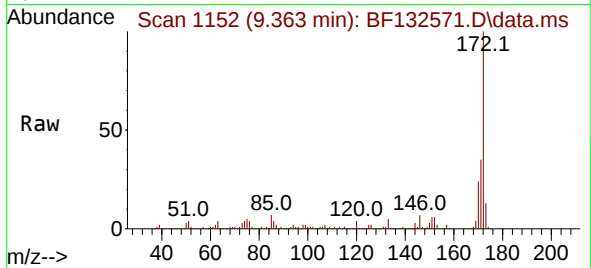




#45
2-Fluorobiphenyl
Concen: 61.300 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

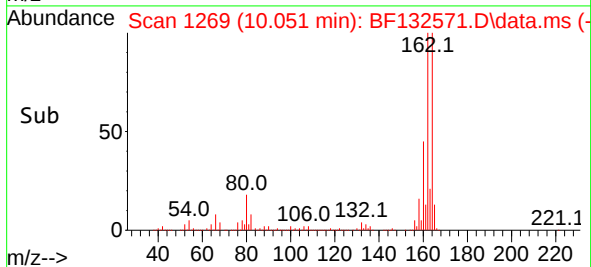
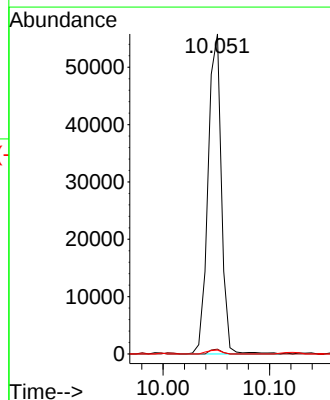
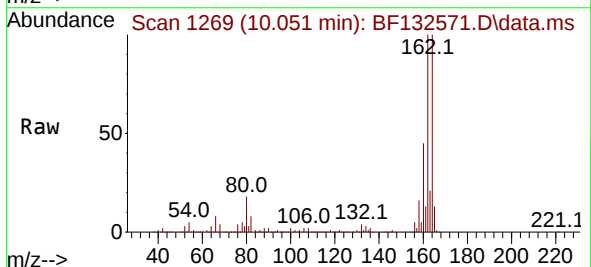
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KU-CON1

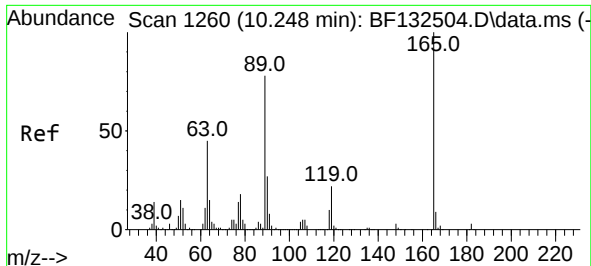
Tgt Ion:172 Resp: 1471051
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.030 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion:165 Resp: 48656
Ion Ratio Lower Upper
165 100
63 1.5 47.3 70.9#
89 1.2 48.9 73.3#

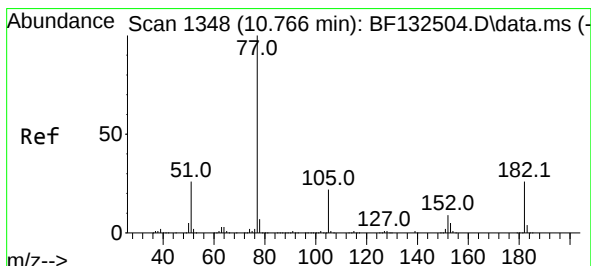
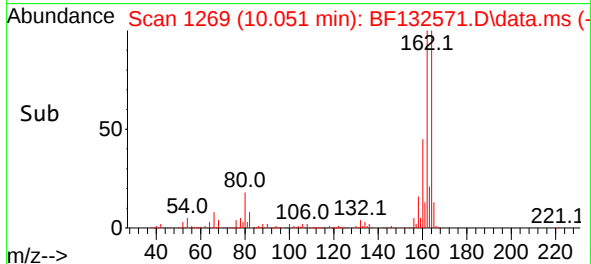
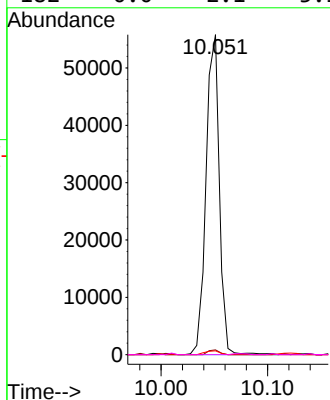
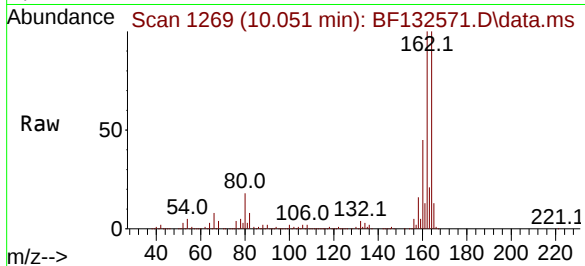




#57
2,4-Dinitrotoluene
Concen: 6.036 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

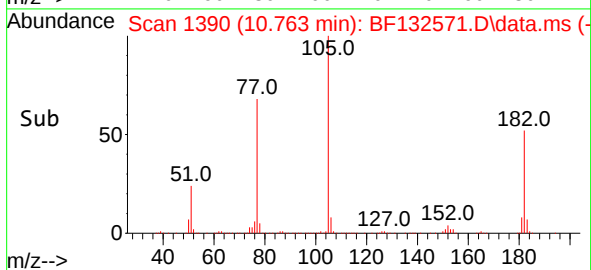
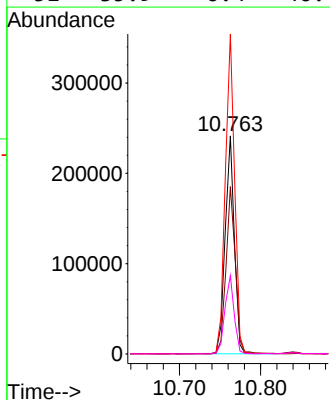
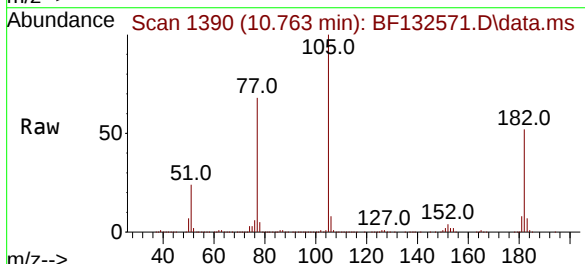
Instrument :
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KU-CON1

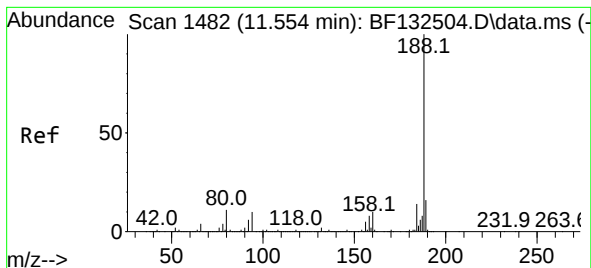
Tgt Ion:165 Resp: 48656
Ion Ratio Lower Upper
165 100
63 1.5 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 6.935 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132571.D
Acq: 28 Feb 2023 14:40

Tgt Ion: 77 Resp: 190854
Ion Ratio Lower Upper
77 100
182 76.8 5.5 45.5#
105 146.8 1.8 41.8#
51 35.9 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

Instrument :

BNA_F

ClientSampleId :

KU-CON1

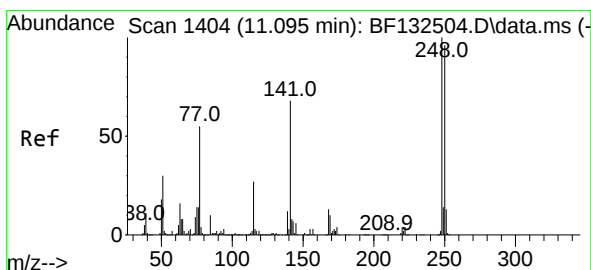
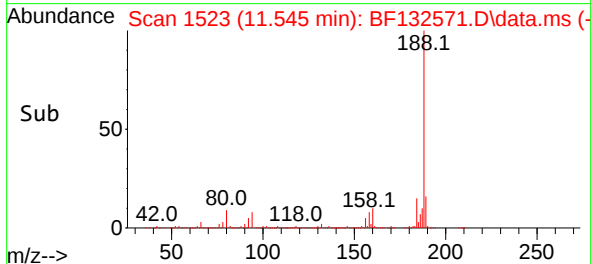
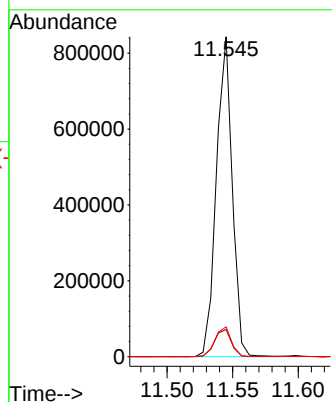
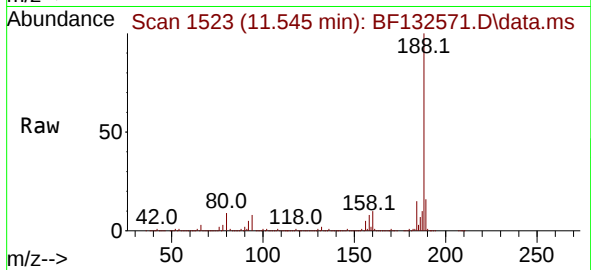
Tgt Ion:188 Resp: 709440

Ion Ratio Lower Upper

188 100

94 8.5 8.3 12.5

80 9.3 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.611 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.244 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

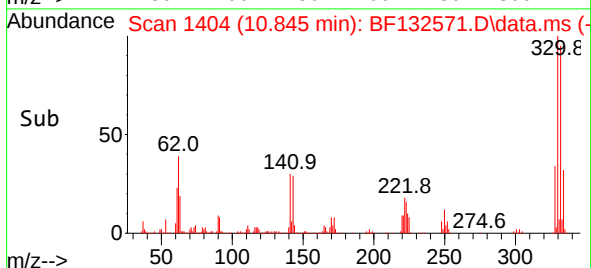
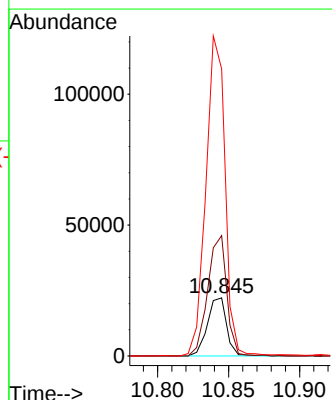
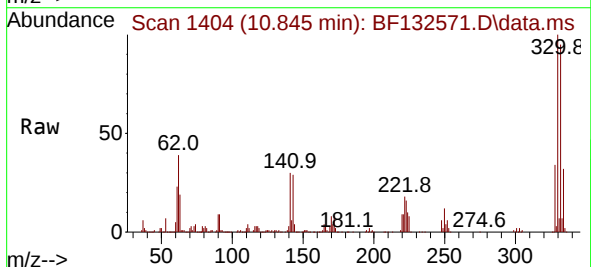
Tgt Ion:248 Resp: 20951

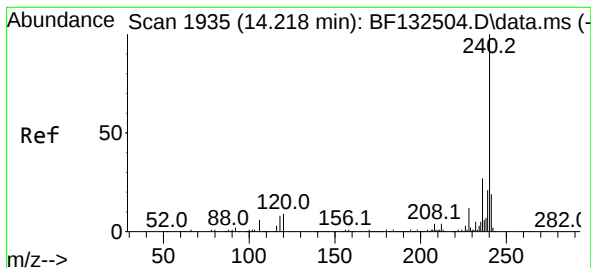
Ion Ratio Lower Upper

248 100

250 207.4 77.0 115.4#

141 494.8 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.204 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

Instrument :

BNA_F

ClientSampleId :

KU-CON1

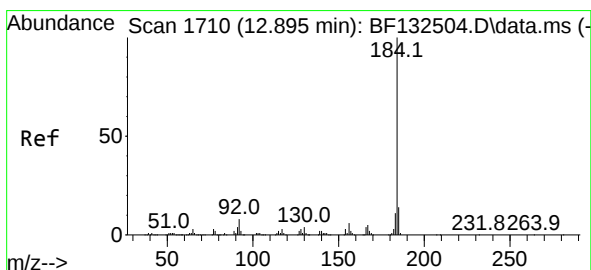
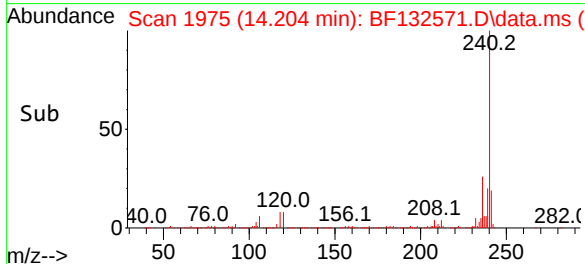
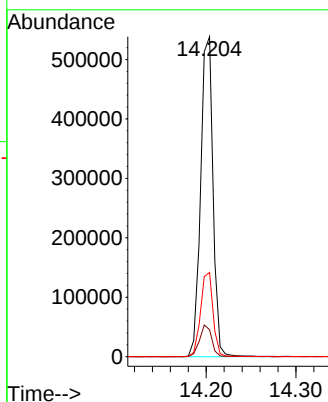
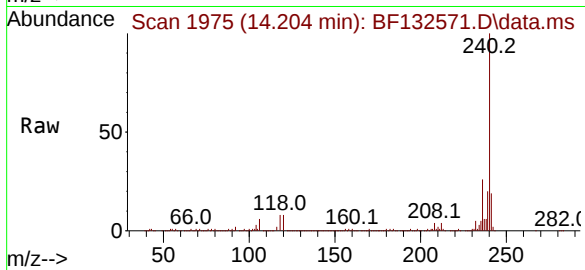
Tgt Ion:240 Resp: 515508

Ion Ratio Lower Upper

240 100

120 8.5 7.2 10.8

236 26.3 21.8 32.6



#77

Benidine

Concen: 2.281 ng

RT: 13.139 min Scan# 1794

Delta R.T. 0.256 min

Lab File: BF132571.D

Acq: 28 Feb 2023 14:40

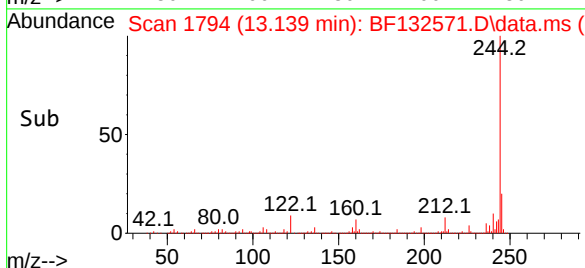
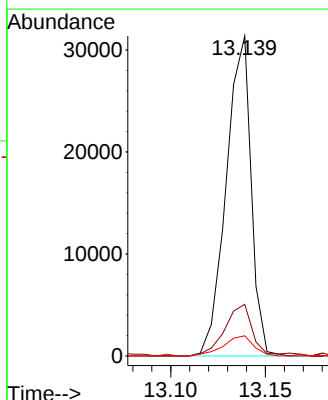
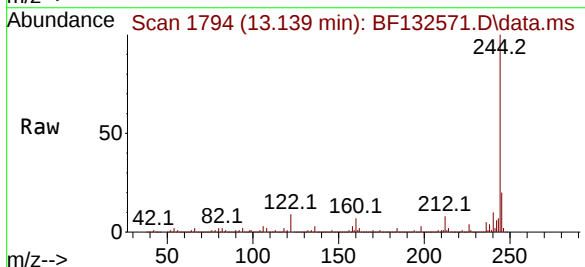
Tgt Ion:184 Resp: 28628

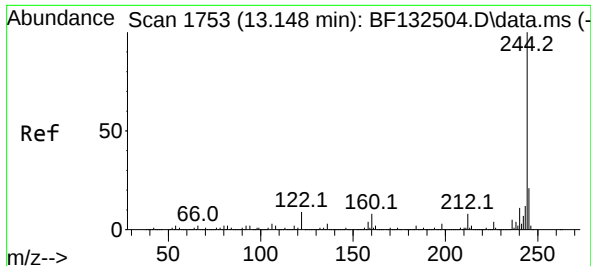
Ion Ratio Lower Upper

184 100

185 16.1 11.7 17.5

183 6.3 8.7 13.1#

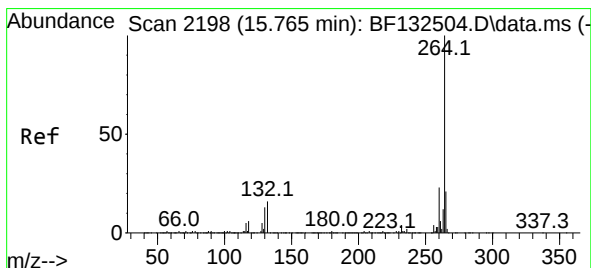
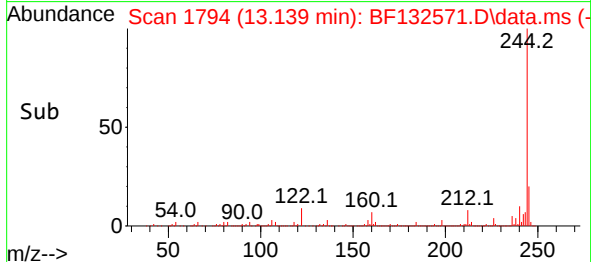
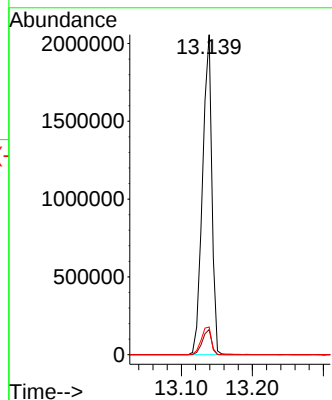
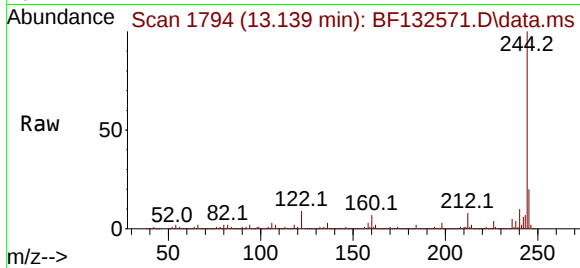




#79
 Terphenyl-d14
 Concen: 61.825 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132571.D
 Acq: 28 Feb 2023 14:40

Instrument :
 BNA_F
 ClientSampleId :
 KU-CON1

Tgt Ion:244 Resp: 1885052
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132571.D
 Acq: 28 Feb 2023 14:40

Tgt Ion:264 Resp: 390726
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.7 17.1 25.7

