

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104785.D
 Acq On : 25 Apr 2018 13:38
 Operator : JU/SJ
 Sample : J2511-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Manual Integrations
 APPROVED

Sohil

Quant Time: Apr 26 10:43:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

4/26/2018 6:09:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140197	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620227	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	299747	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	533441	20.00	ng	0.00
75) Chrysene-d12	13.99	240	313864	20.00	ng	0.00
86) Perylene-d12	15.45	264	319501	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	899331	98.09	ng	0.01
7) Phenol-d6	6.45	99	1126021	99.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	705862	74.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300868	96.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1181272	62.26	ng	0.00
78) Terphenyl-d14	12.92	244	1067204	77.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	97177	22.746	ng	88
3) Pyridine	3.30	79	278650	23.198	ng	85
4) n-Nitrosodimethylamine	3.26	42	118323	28.180	ng	# 83
6) Aniline	6.47	93	258360	16.507	ng	# 46
8) 2-Chlorophenol	6.59	128	308941	31.924	ng	93
9) Benzaldehyde	6.35	77	128221	18.694	ng	94
10) Phenol	6.46	94	376484	31.497	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	276507	28.988	ng	93
12) 1,3-Dichlorobenzene	6.74	146	316664	28.884	ng	98
13) 1,4-Dichlorobenzene	6.82	146	319679	29.251	ng	99
14) 1,2-Dichlorobenzene	6.97	146	300053	29.627	ng	98
15) Benzyl Alcohol	6.95	79	256607	29.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	321184	25.073	ng	66
17) 2-Methylphenol	7.06	107	256680	30.513	ng	93
18) Hexachloroethane	7.31	117	116371	29.865	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	196499	26.693	ng	90
20) 3+4-Methylphenols	7.22	107	308127	29.534	ng	# 64
22) Acetophenone	7.22	105	414831	27.167	ng	# 97
24) Nitrobenzene	7.39	77	314975	30.035	ng	94
25) Isophorone	7.63	82	568020	28.280	ng	98
26) 2-Nitrophenol	7.70	139	169043	39.596	ng	95
27) 2,4-Dimethylphenol	7.75	122	267433	30.169	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	358275	29.174	ng	99
29) 2,4-Dichlorophenol	7.95	162	258992	30.621	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	262980	28.331	ng	96
31) Naphthalene	8.11	128	871804	28.228	ng	99
33) 4-Chloroaniline	8.16	127	147635	11.158	ng	98
34) Hexachlorobutadiene	8.22	225	138990	27.337	ng	99
35) Caprolactam	8.53	113	83577m	28.326	ng	
36) 4-Chloro-3-methylphenol	8.66	107	279253	30.791	ng	98
37) 2-Methylnaphthalene	8.80	142	584674	29.267	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	253531	29.547	ng	99
40) Hexachlorocyclopentadiene	8.95	237	154546	32.173	ng	98
42) 2,4,6-Trichlorophenol	9.09	196	177538	29.806	ng	95

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Manual Integrations
 APPROVED

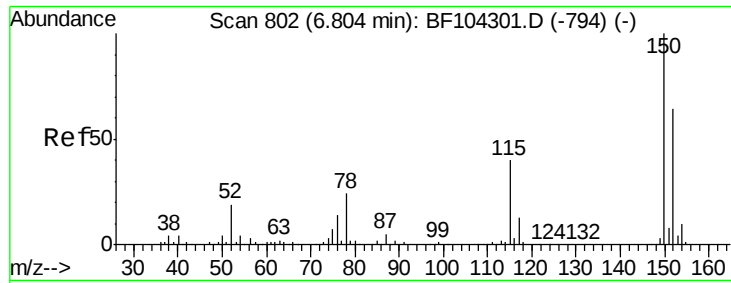
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	192008	28.806	nq	98
45) 1,1'-Biphenyl	9.26	154	681531	27.065	nq	99
46) 2-Chloronaphthalene	9.29	162	541868	27.244	nq	100
47) 2-Nitroaniline	9.39	65	169464	34.453	nq	99
48) Acenaphthylene	9.71	152	814417	26.098	nq	99
49) Dimethylphthalate	9.57	163	767754	32.480	nq	99
50) 2,6-Dinitrotoluene	9.63	165	148332	33.914	nq	99
51) Acenaphthene	9.88	154	474559	24.924	nq	100
52) 3-Nitroaniline	9.80	138	121200	23.670	nq	100
53) 2,4-Dinitrophenol	9.92	184	45934	35.914	nq	# 24
54) Dibenzofuran	10.05	168	717697	27.048	nq	97
55) 4-Nitrophenol	9.99	139	206961	51.454	nq	96
56) 2,4-Dinitrotoluene	10.05	165	187756	32.726	nq	# 97
57) Fluorene	10.40	166	577641	29.909	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	140178	28.189	nq	95
59) Diethylphthalate	10.27	149	664681	28.235	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	267739	31.128	nq	95
61) 4-Nitroaniline	10.43	138	157919	31.542	nq	97
62) Azobenzene	10.55	77	571255	25.399	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60081	26.933	nq	# 74
65) n-Nitrosodiphenylamine	10.51	169	521661	28.204	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	163640	28.840	nq	94
67) Hexachlorobenzene	10.95	284	180851	28.326	nq	# 88
68) Atrazine	11.04	200	171124	30.652	nq	99
69) Pentachlorophenol	11.15	266	124503	31.521	nq	98
70) Phenanthrene	11.36	178	822169	27.676	nq	99
71) Anthracene	11.42	178	836442	27.699	nq	99
72) Carbazole	11.57	167	761453	25.805	nq	99
73) Di-n-butylphthalate	11.89	149	970370	26.920	nq	99
74) Fluoranthene	12.55	202	776535	25.019	nq	98
76) Benzidine	12.67	184	285970	23.453	nq	98
77) Pyrene	12.78	202	760256	32.679	nq	99
79) Butylbenzylphthalate	13.39	149	345774	31.548	nq	99
80) Benzo(a)anthracene	13.97	228	563164	30.034	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	122357	17.502	nq	99
82) Chrysene	14.01	228	523798	27.197	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	459323	32.581	nq	100
84) Di-n-octyl phthalate	14.57	149	689437	29.268	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	551207	33.691	nq	94
87) Benzo(b)fluoranthene	15.03	252	538259	26.674	nq	99
88) Benzo(k)fluoranthene	15.06	252	486131	25.517	nq	98
89) Benzo(a)pyrene	15.39	252	506759	28.067	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	455286	30.703	nq	95
91) Benzo(g,h,i)perylene	17.37	276	446294	31.065	nq	# 94

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

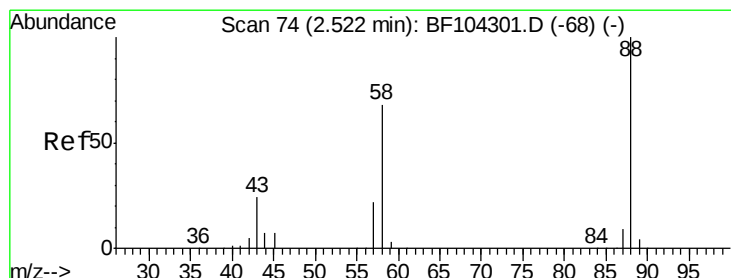
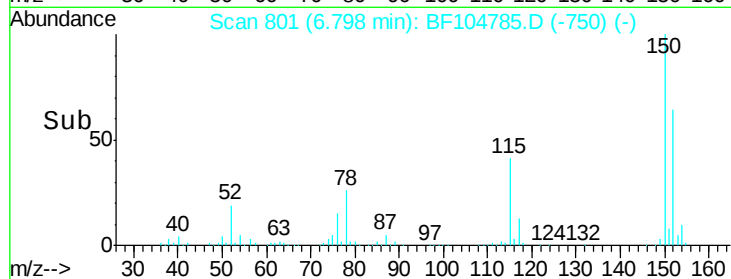
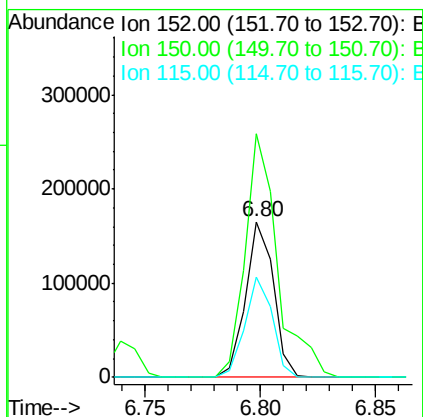
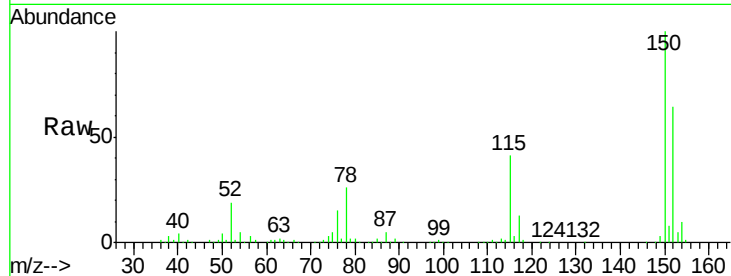
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.7	50.1	75.1

Manual Integrations
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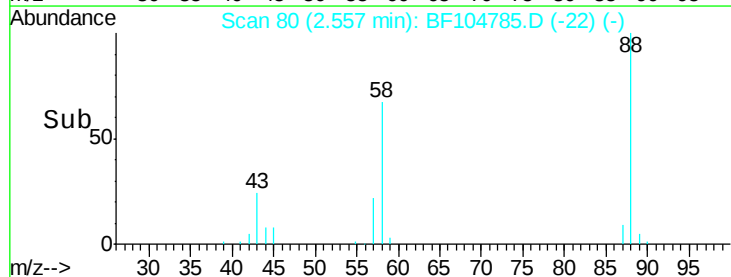
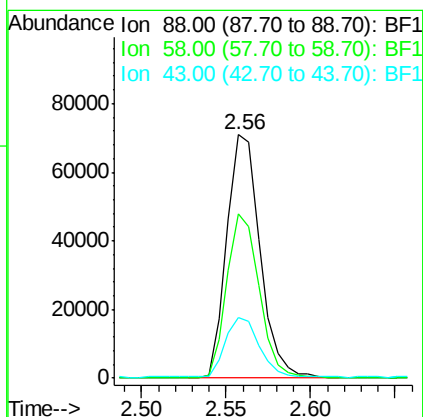
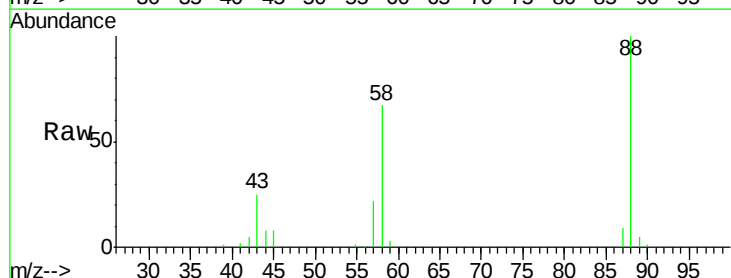
4/26/2018 6:09:12 PM

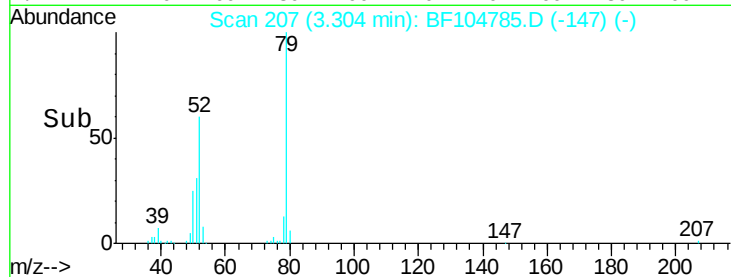
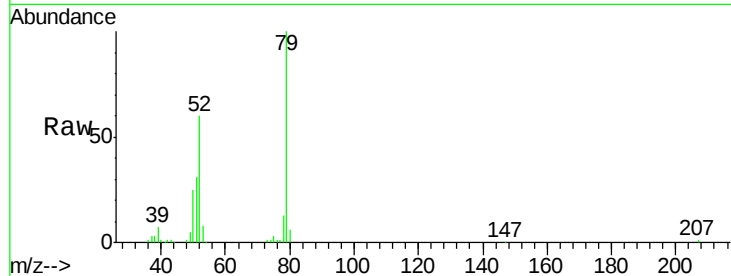
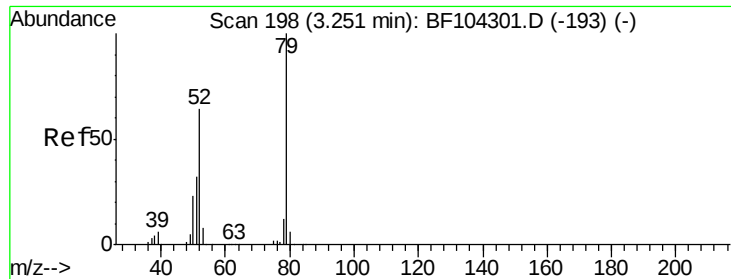


#2

1,4-Dioxane
Concen: 22.746 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	62.6	93.8
43	26.6	24.6	37.0





#3

Pvridine

Concen: 23.198 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tot Ion:	79	Resp:	278650
Ion	Ratio	Lower	Upper
79	100		
52	60.1	59.8	89.6
51	30.6	29.8	44.8

Instrument :

BNA_F

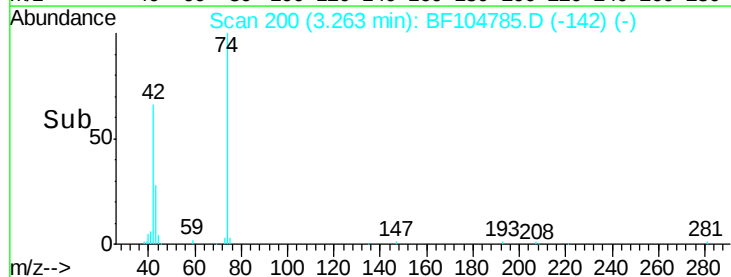
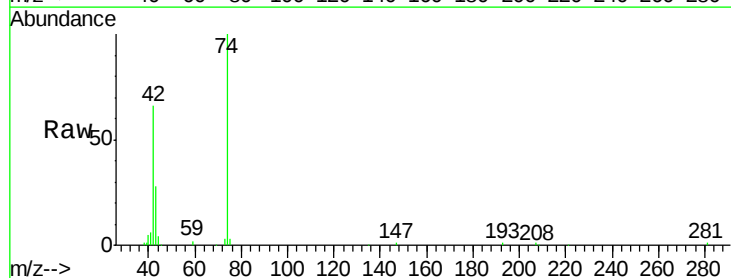
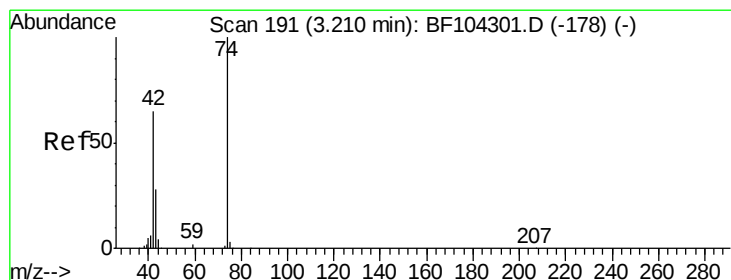
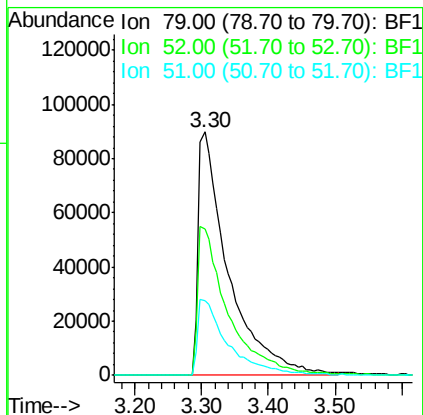
ClientSampleId :

FK-GF-02-017-AMS

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#4

n-Nitrosodimethylamine

Concen: 28.180 ng

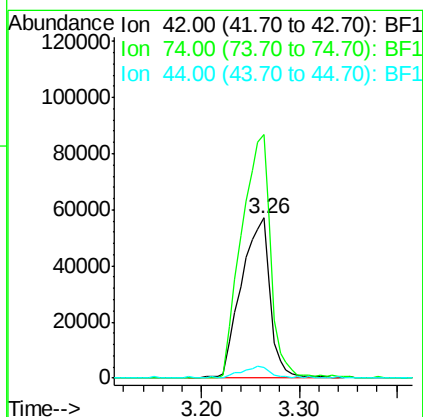
RT: 3.26 min Scan# 200

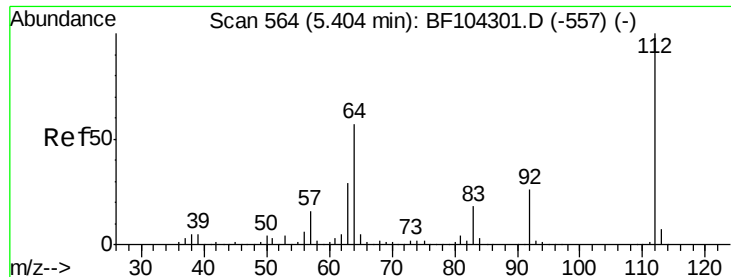
Delta R.T. 0.04 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	42	Resp:	118323
Ion	Ratio	Lower	Upper
42	100		
74	152.2	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 98.085 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

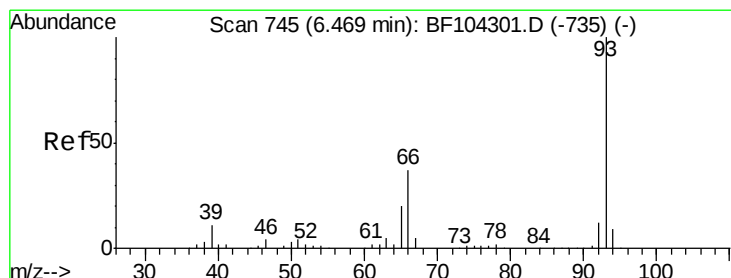
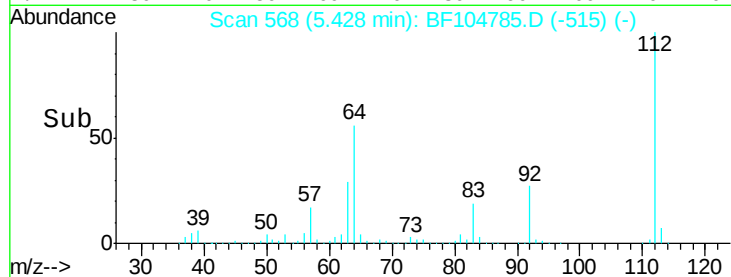
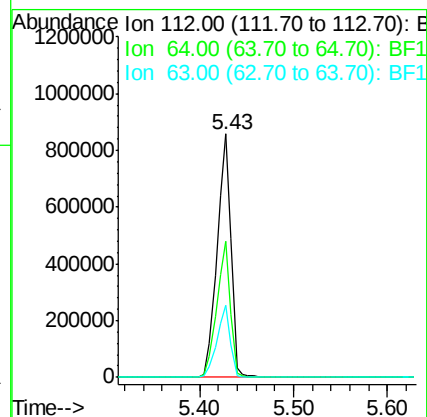
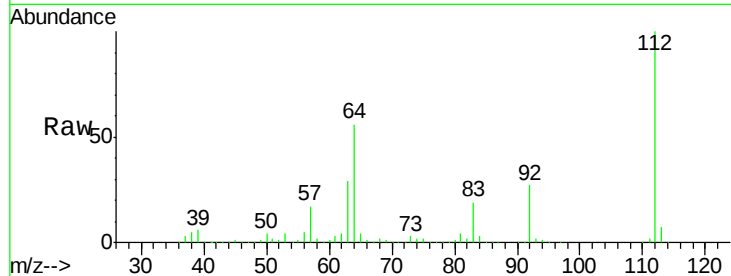
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	112	Resp:	899331
Ion Ratio	Lower	Upper	
112	100		
64	55.8	47.9	71.9
63	29.5	23.7	35.5

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#6

Aniline

Concen: 16.507 ng

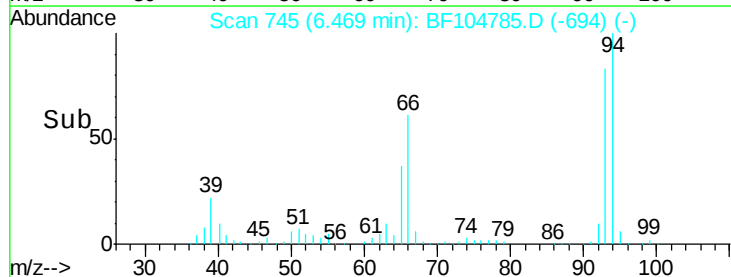
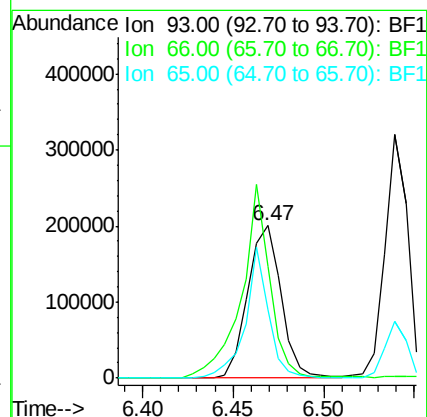
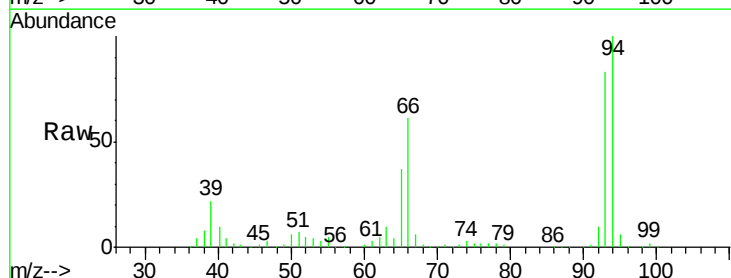
RT: 6.47 min Scan# 745

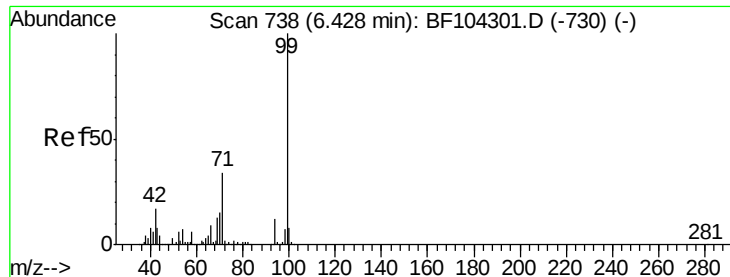
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	93	Resp:	258360
Ion Ratio	Lower	Upper	
93	100		
66	73.8	32.2	48.2#
65	44.8	16.4	24.6#





#7

Phenol-d6

Concen: 99.953 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-AMS

Tot Ion: 99 Resp: 1126021

Ion Ratio Lower Upper

99 100

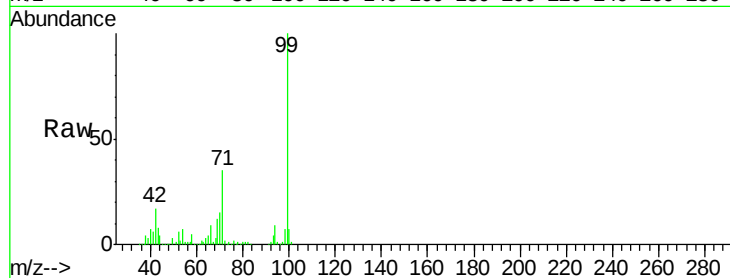
42 16.5 14.5 21.7

71 34.7 25.4 38.0

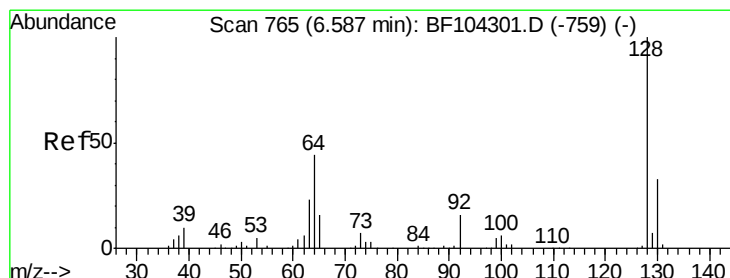
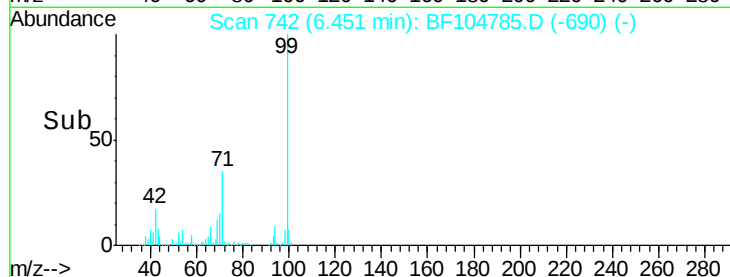
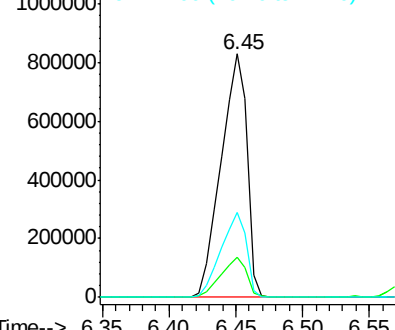
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.924 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

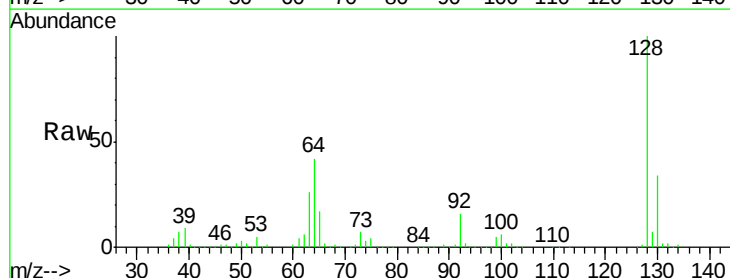
Tgt Ion: 128 Resp: 308941

Ion Ratio Lower Upper

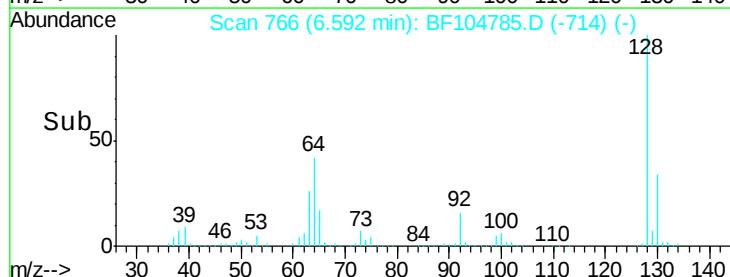
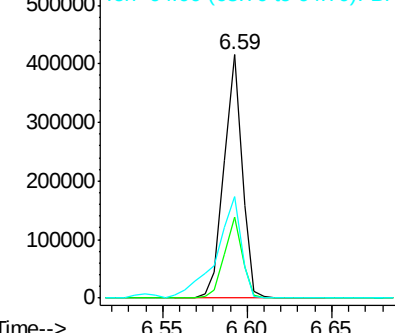
128 100

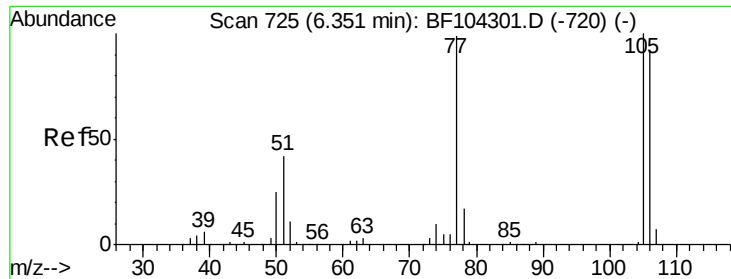
130 33.5 13.0 53.0

64 41.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.694 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

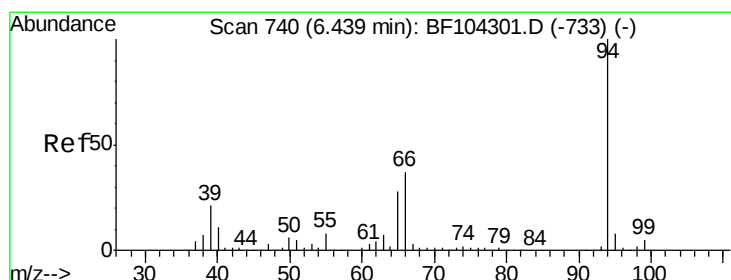
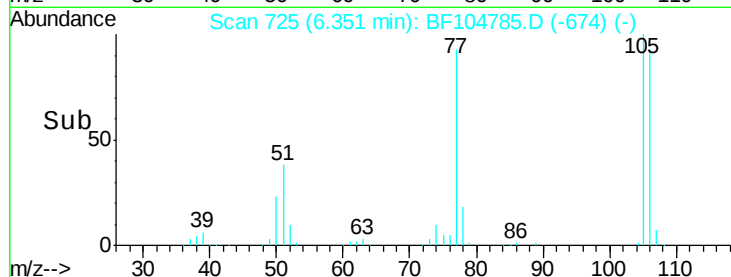
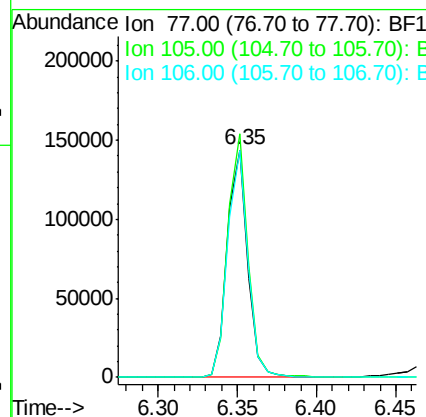
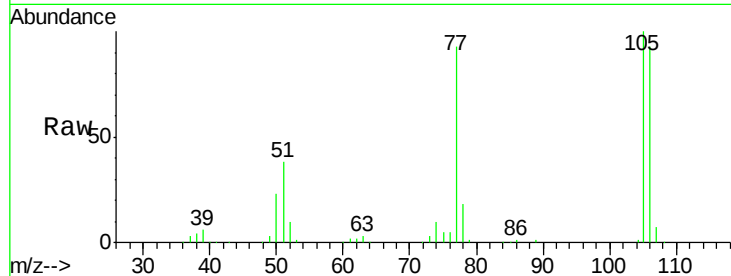
FK-GF-02-017-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.1	81.1	121.1		
106	99.9	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 31.497 ng

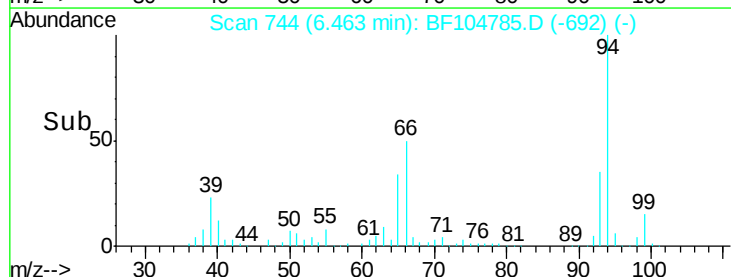
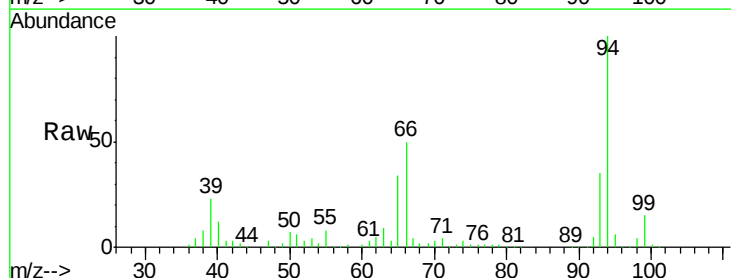
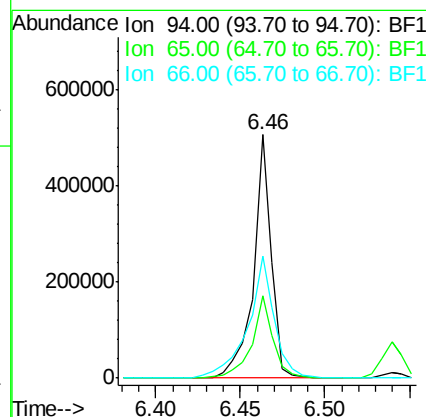
RT: 6.46 min Scan# 744

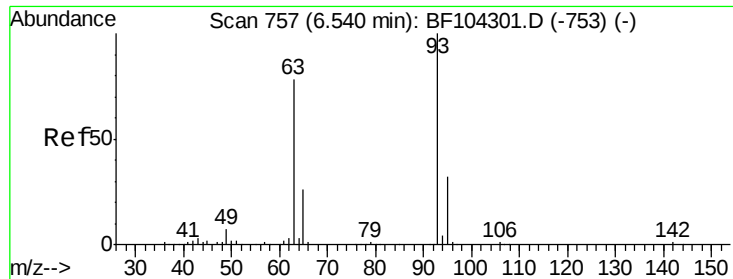
Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.1	7.9	47.9		
66	50.3	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 28.988 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

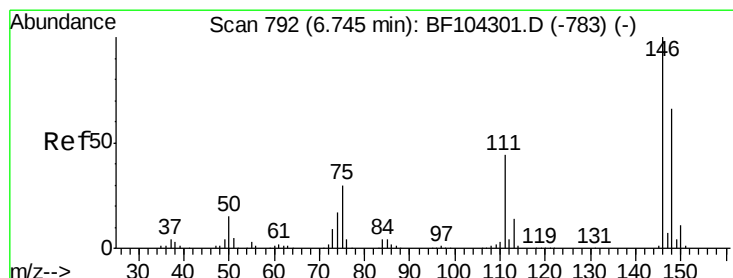
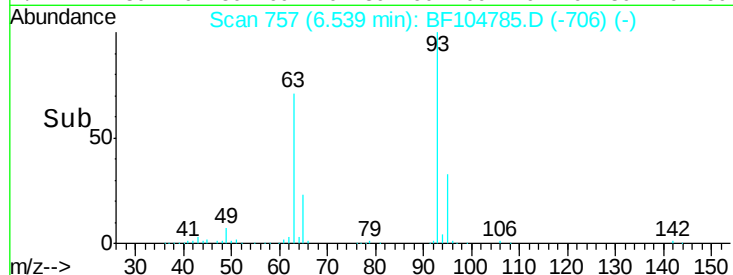
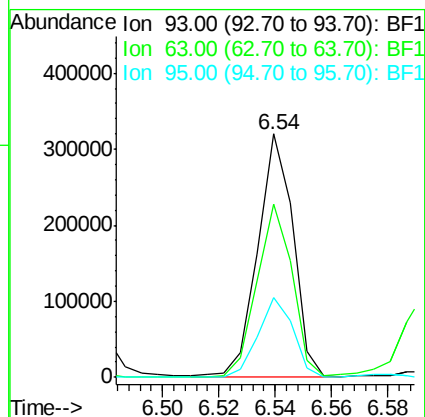
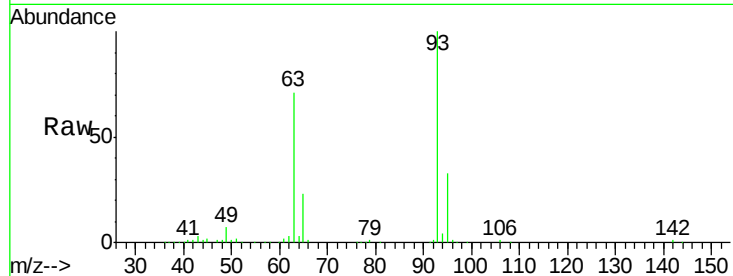
FK-GF-02-017-AMS

Tot Ion:	93	Resp:	276507
Ion Ratio	Lower	Upper	
93	100		
63	71.2	58.6	98.6
95	32.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 28.884 ng

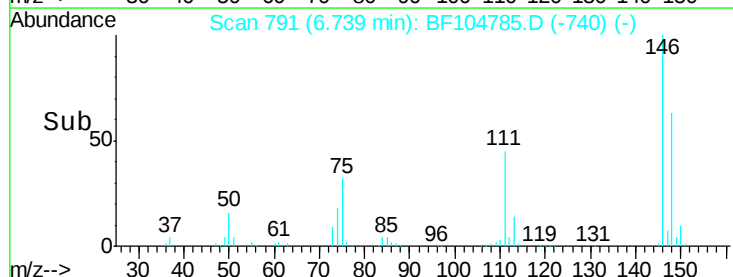
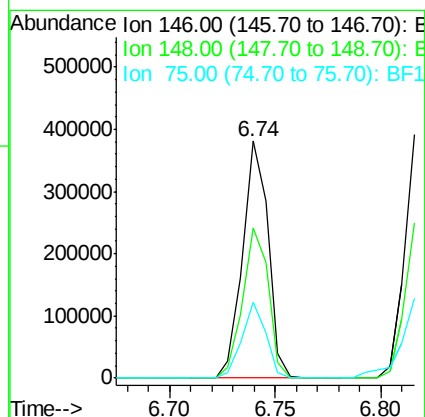
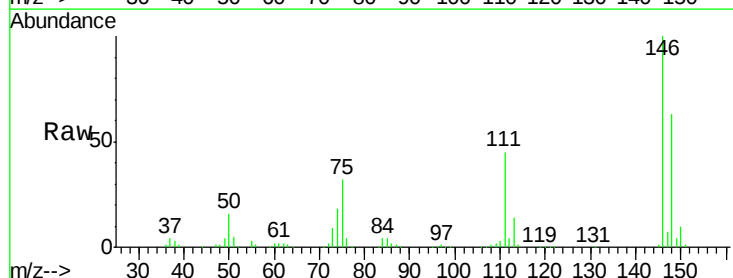
RT: 6.74 min Scan# 791

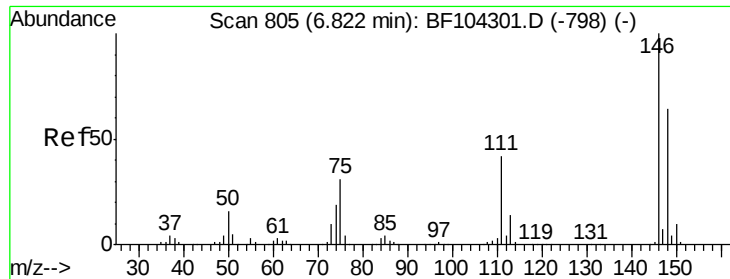
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	146	Resp:	316664
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	31.9	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 29.251 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

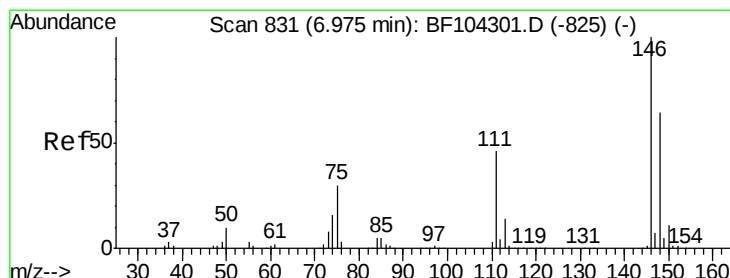
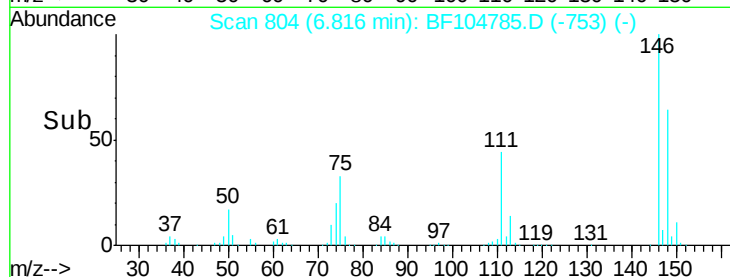
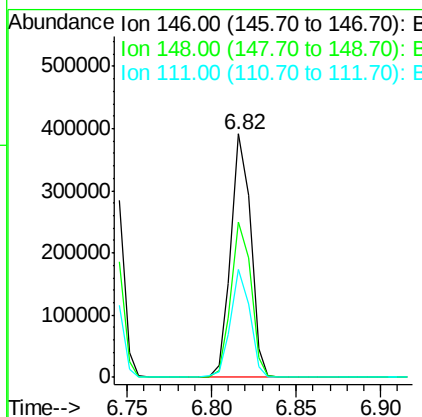
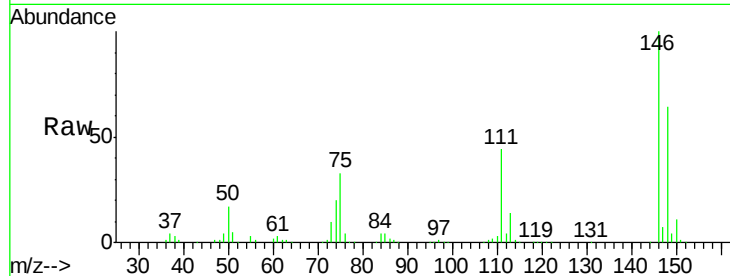
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	44.2	34.2	51.2

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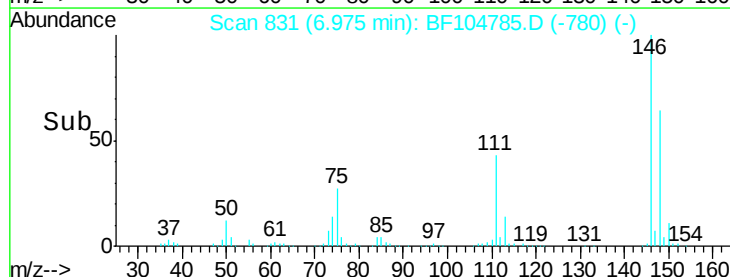
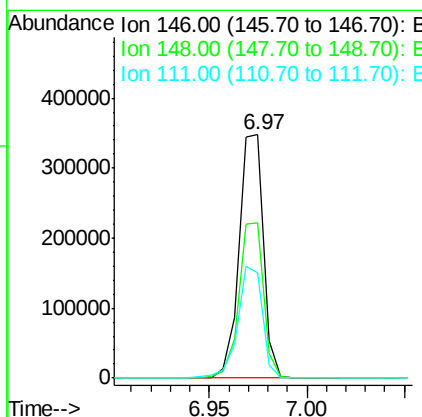
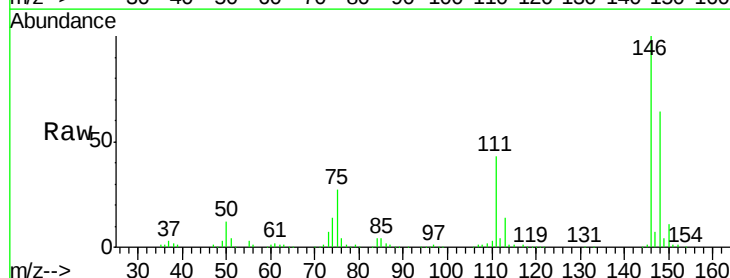
Sohil

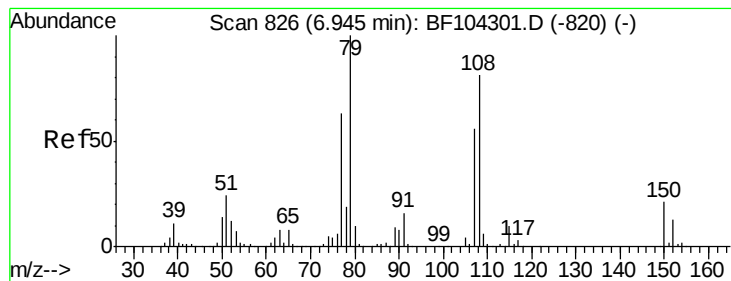
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#14
 1,2-Dichlorobenzene
 Concen: 29.627 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.990 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

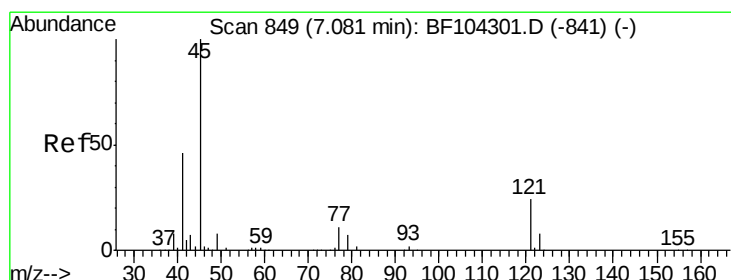
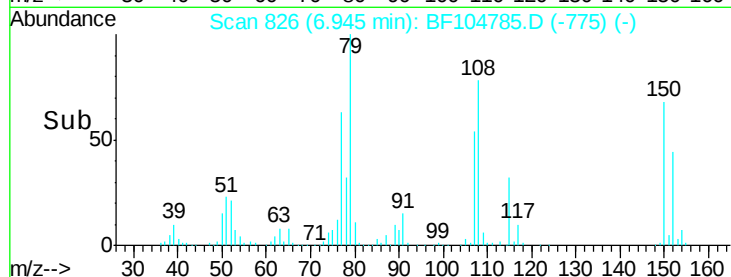
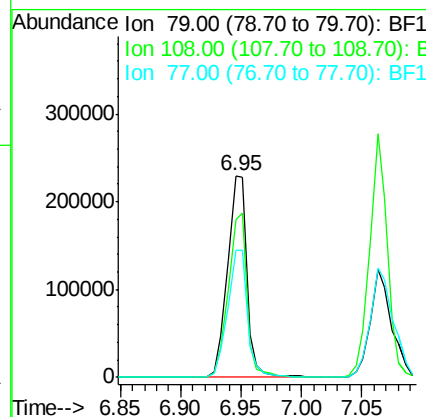
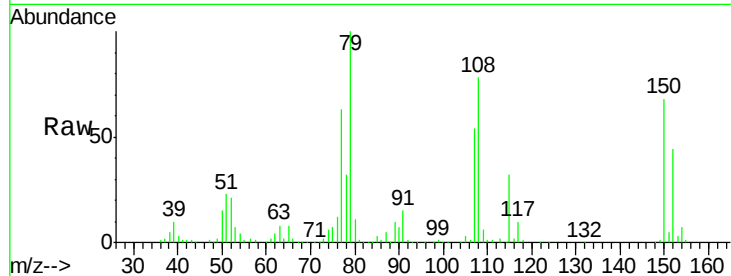
FK-GF-02-017-AMS

Tot Ion:	79	Resp:	256607
Ion Ratio	Lower	Upper	
79	100		
108	78.2	65.1	97.7
77	62.7	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.073 ng

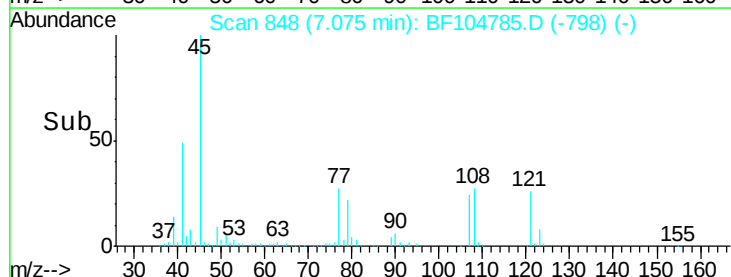
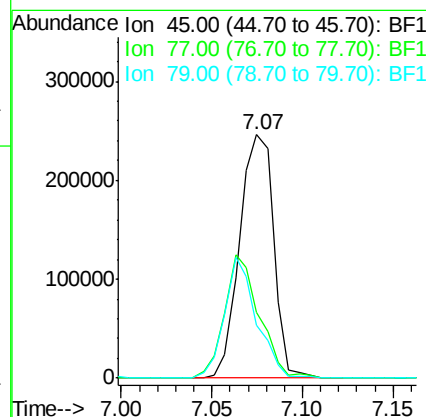
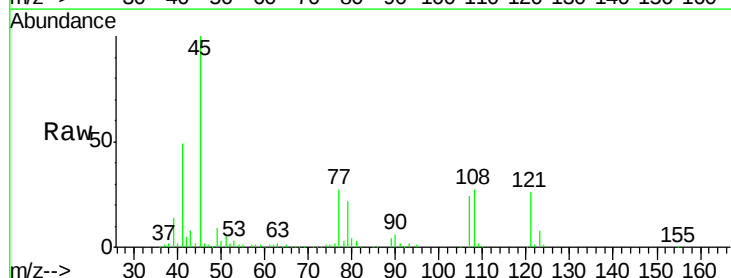
RT: 7.07 min Scan# 848

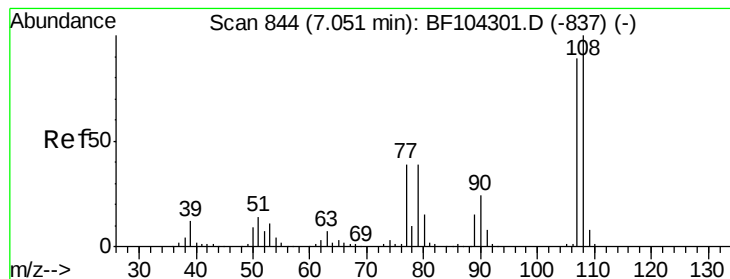
Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	45	Resp:	321184
Ion Ratio	Lower	Upper	
45	100		
77	27.0	0.0	32.9
79	21.6	0.0	29.6





#17
2-Methylphenol
Concen: 30.513 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

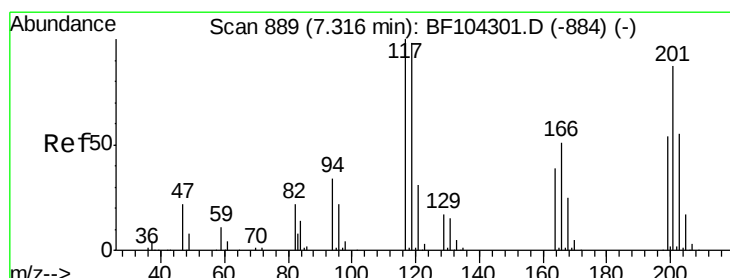
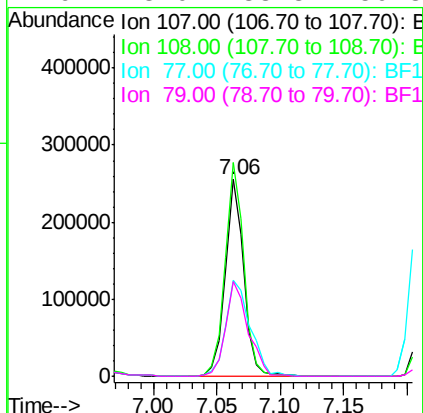
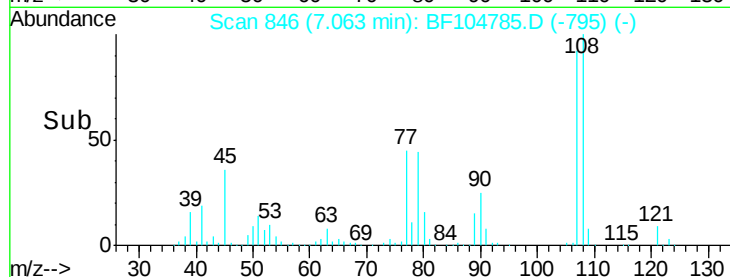
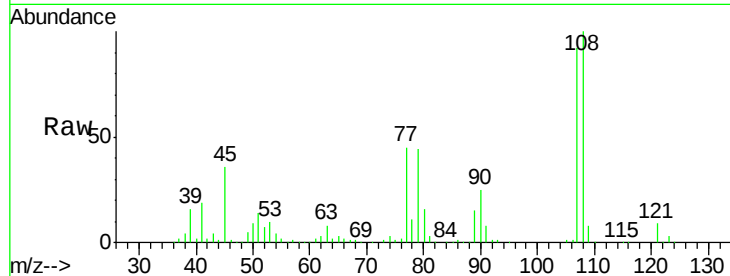
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	107	Resp:	256680
Ion Ratio	Lower	Upper	
107	100		
108	108.7	91.7	137.5
77	49.0	33.8	50.8
79	48.0	33.8	50.8

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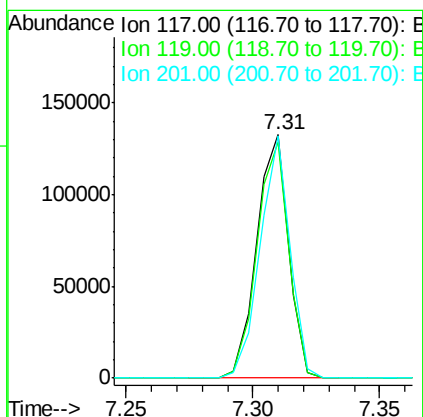
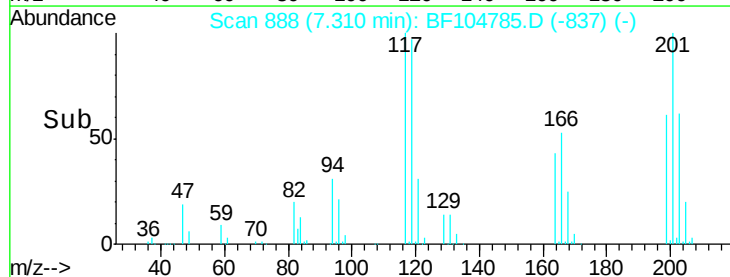
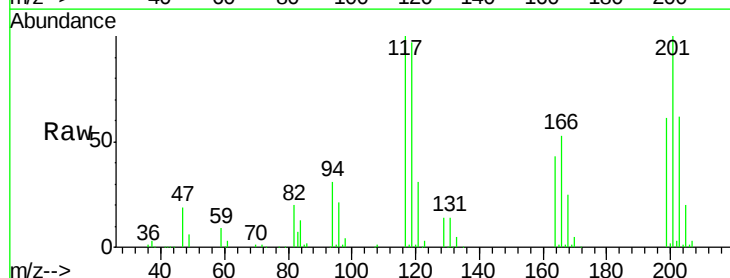
Sohil

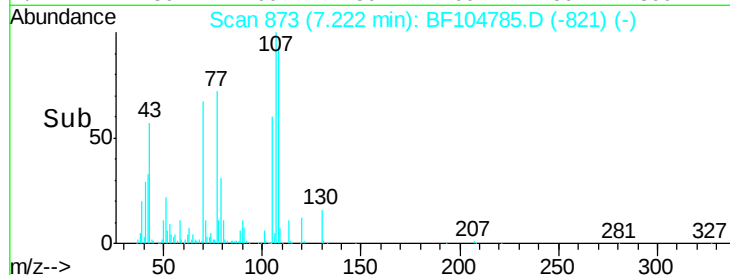
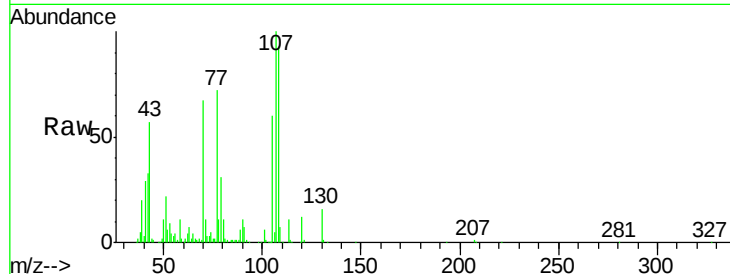
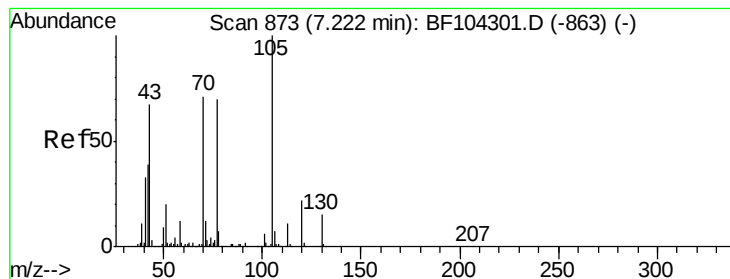
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#18
Hexachloroethane
Concen: 29.865 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	117	Resp:	116371
Ion Ratio	Lower	Upper	
117	100		
119	97.1	75.8	113.8
201	99.6	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 26.693 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-AMS

Tot Ion: 70 Resp: 196499

Ion Ratio Lower Upper

70 100

42 49.2 47.5 71.3

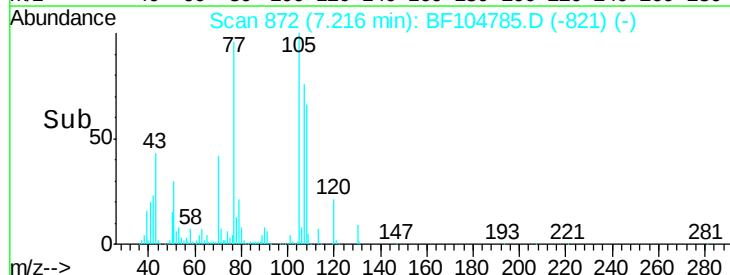
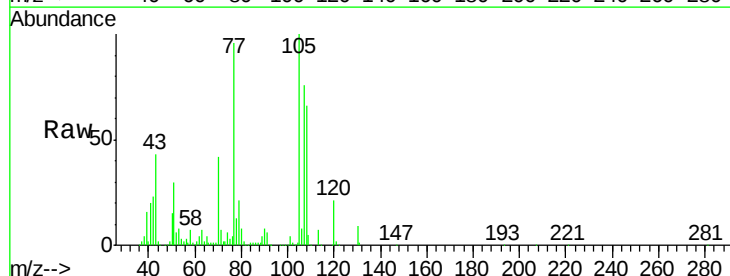
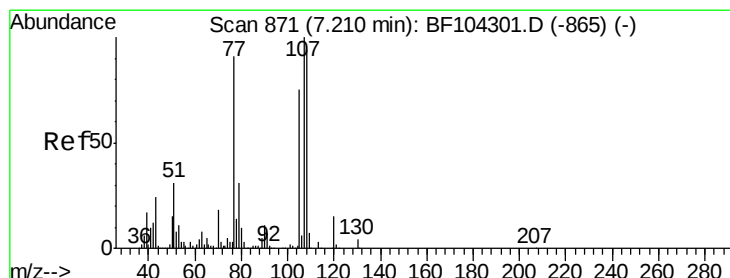
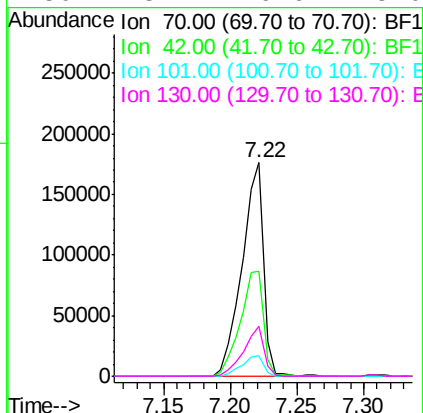
101 9.6 7.4 11.2

130 23.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 29.534 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion: 107 Resp: 308127

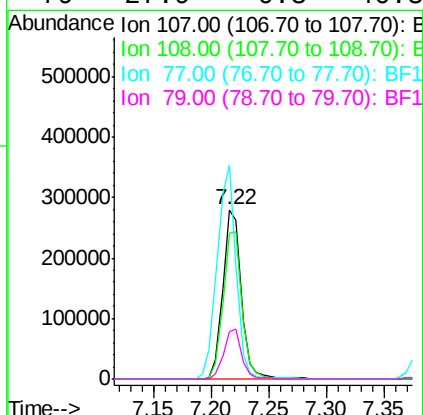
Ion Ratio Lower Upper

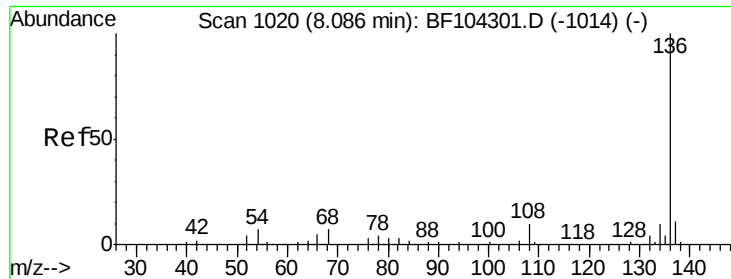
107 100

108 86.1 68.2 108.2

77 126.4 26.7 66.7#

79 27.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

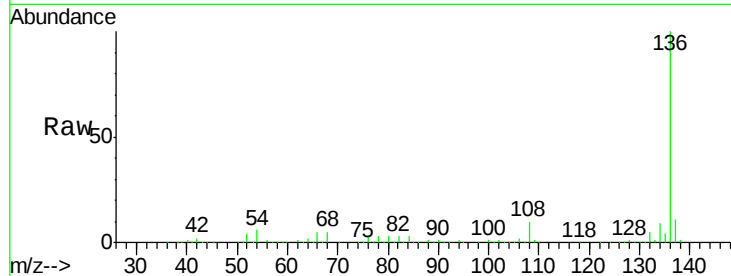
FK-GF-02-017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	620227		
137	11.3		8.9	13.3
54	6.5		6.6	9.8#
68	5.3		5.0	7.4

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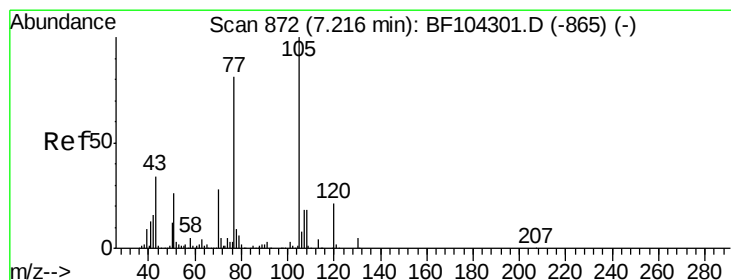
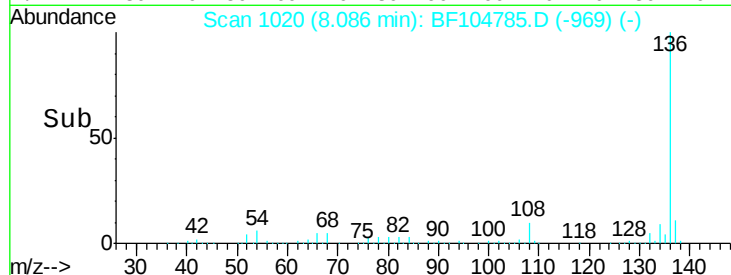
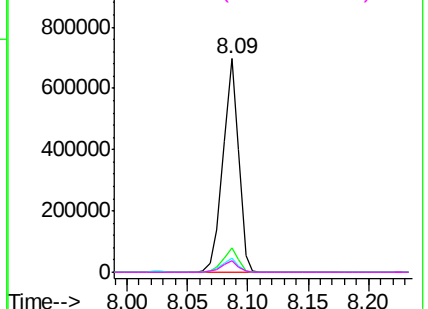


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 27.167 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

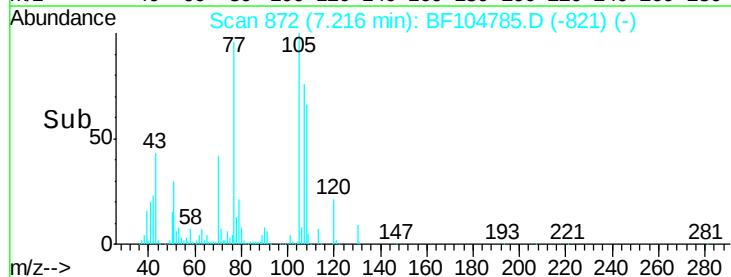
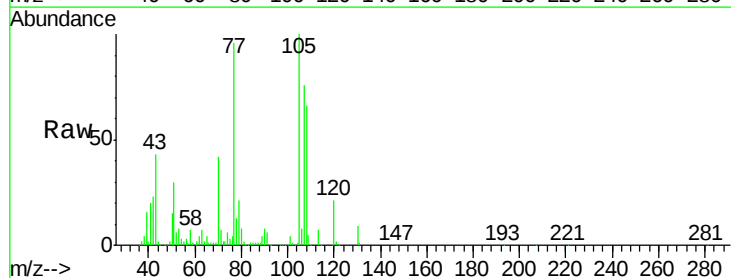
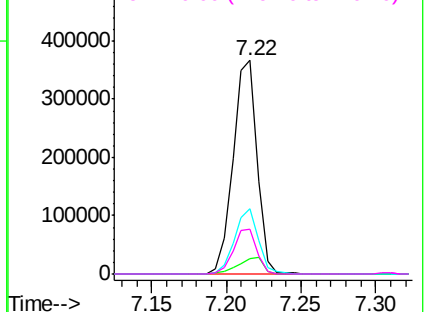
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414831		
71	7.1		4.4	6.6#
51	30.4		22.3	33.5
120	20.9		16.9	25.3

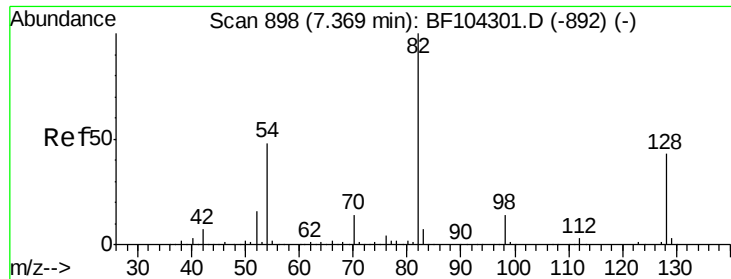
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 74.314 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

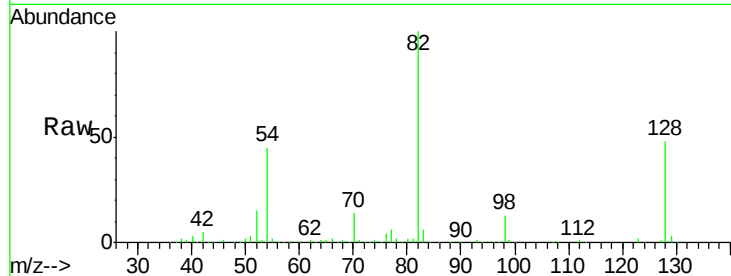
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	36.1	54.1	
54	44.5	41.4	62.2	

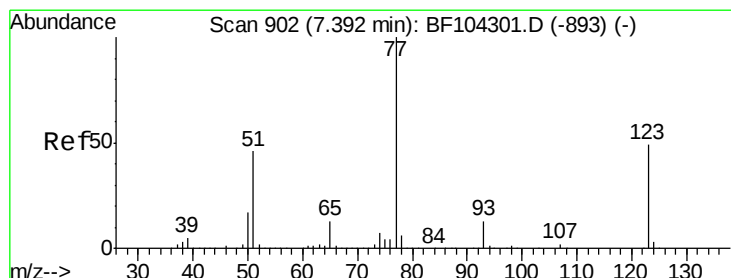
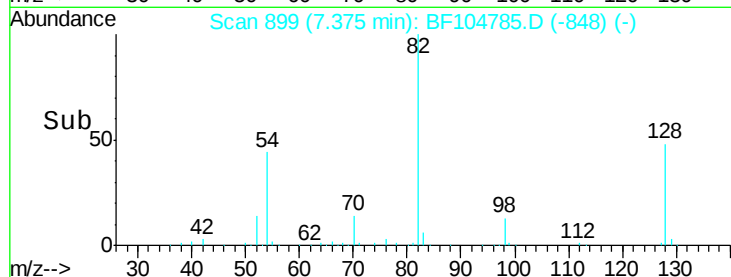
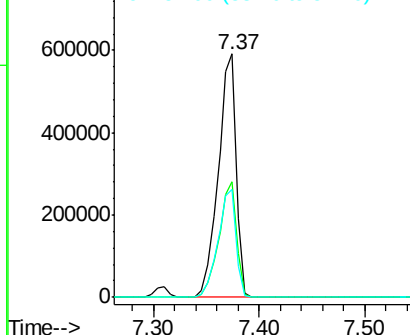
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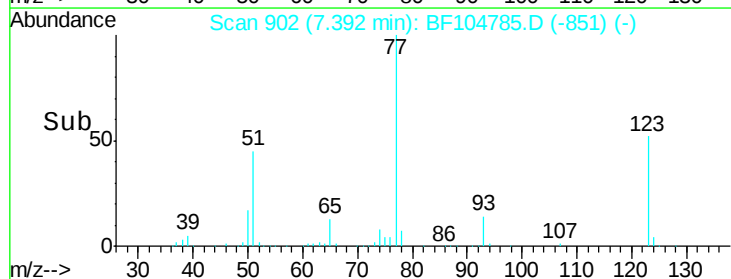
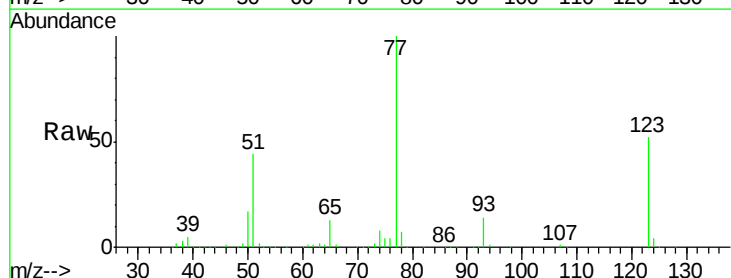
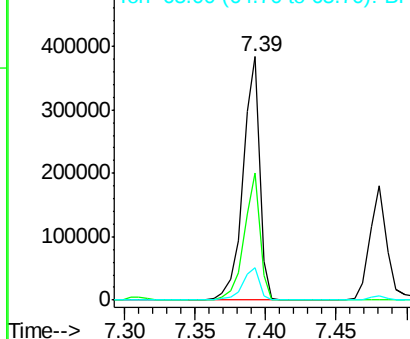
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

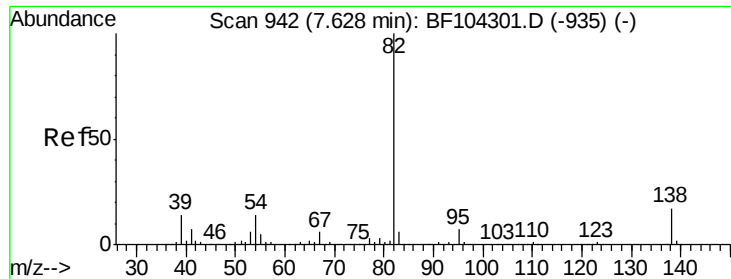


#24
Nitrobenzene
Concen: 30.035 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.0	37.9	56.9	
65	13.3	11.0	16.4	

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 28.280 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

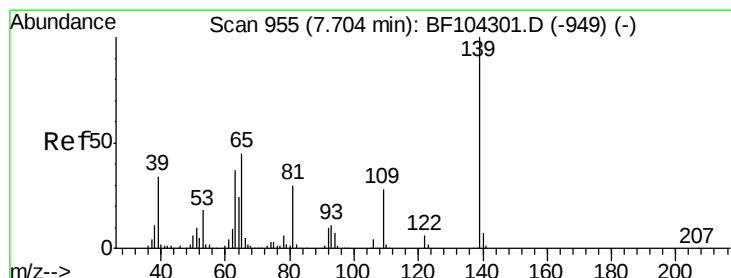
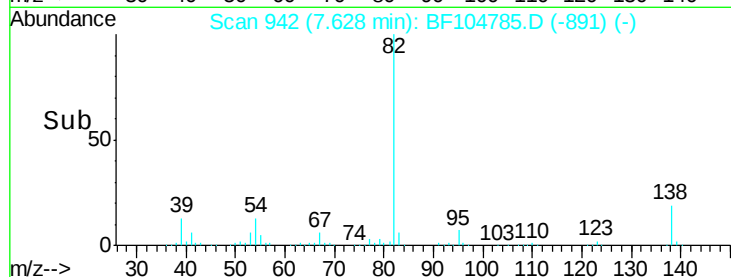
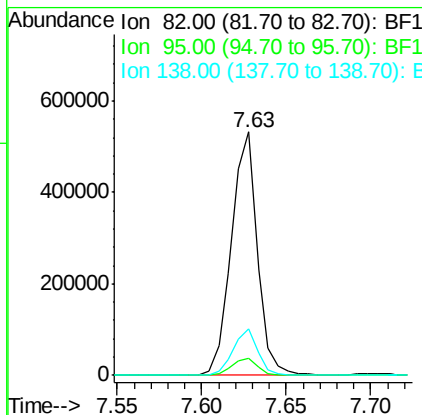
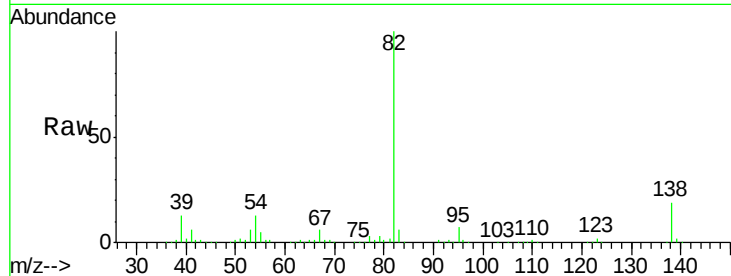
FK-GF-02-017-AMS

Tot Ion:	82	Resp:	568020
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	19.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.596 ng

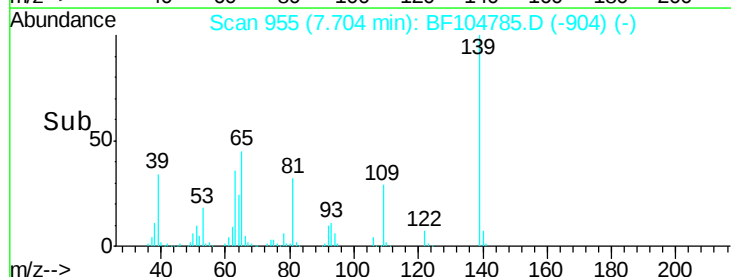
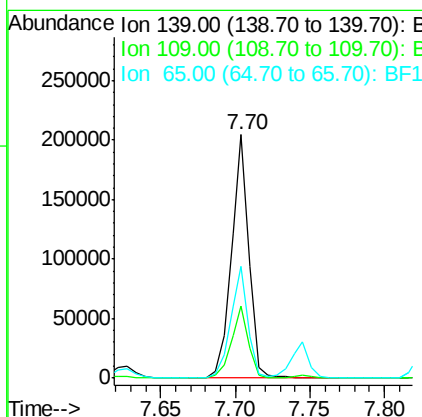
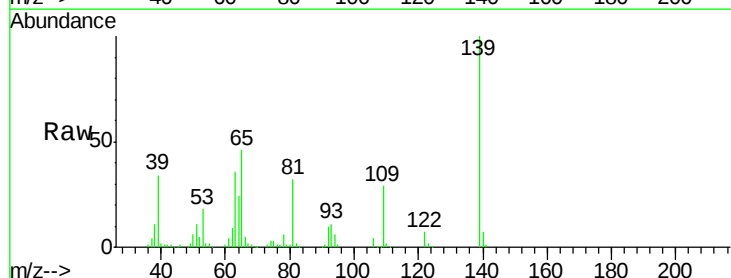
RT: 7.70 min Scan# 955

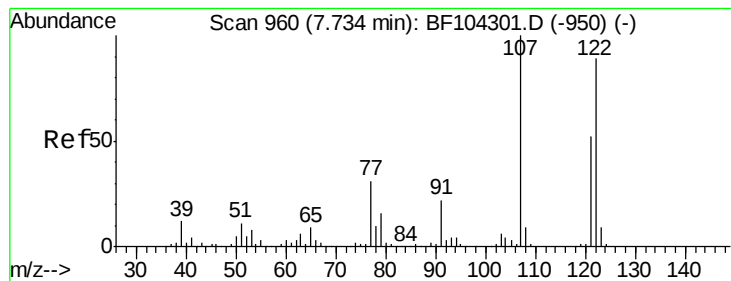
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	139	Resp:	169043
Ion Ratio	Lower	Upper	
139	100		
109	29.5	22.7	34.1
65	45.7	40.5	60.7





#27
2,4-Dimethylphenol
Concen: 30.169 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

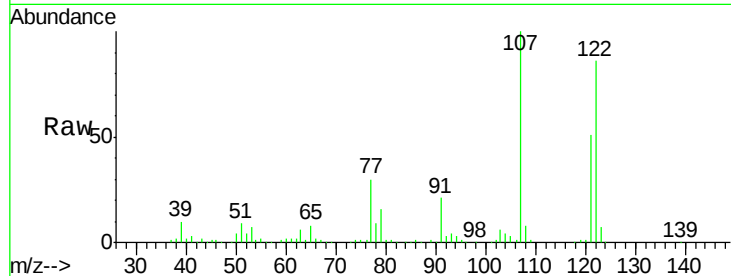
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.2	136.8
121	59.9	47.2	70.8

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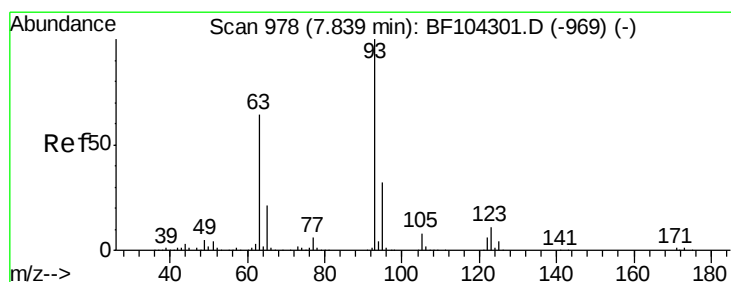
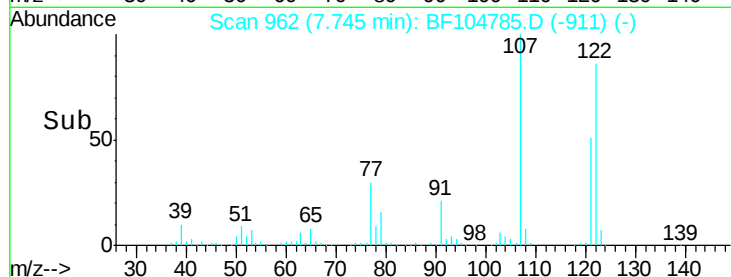
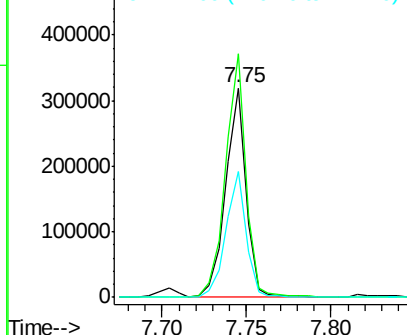


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 29.174 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

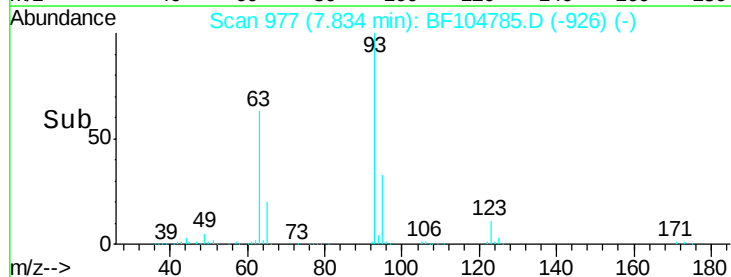
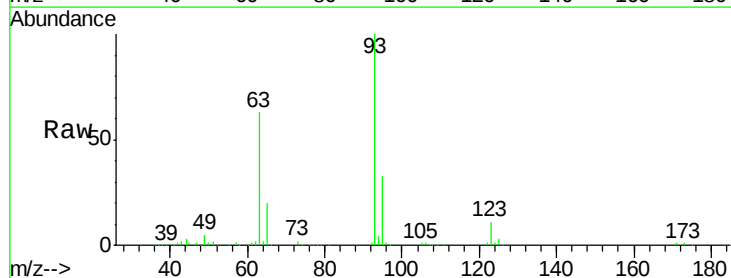
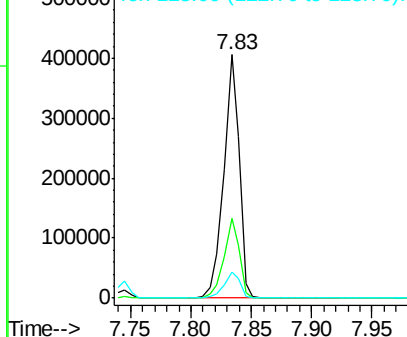
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6

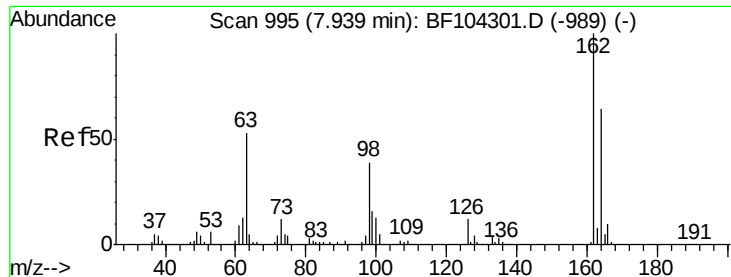
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29
2,4-Dichlorophenol
Concen: 30.621 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

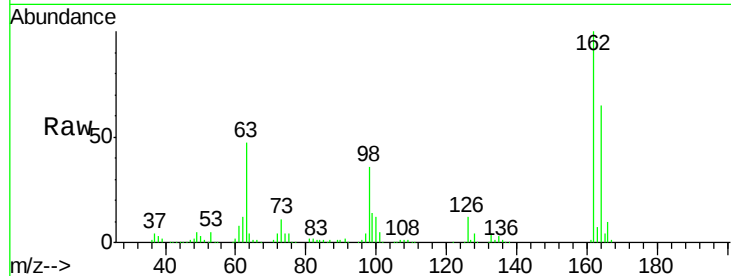
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258992		
164	65.0	42.7	82.7	
98	36.2	18.1	58.1	

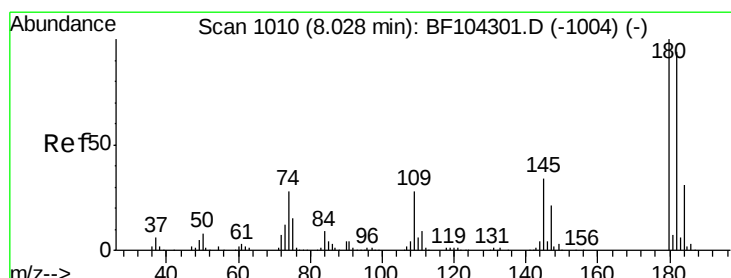
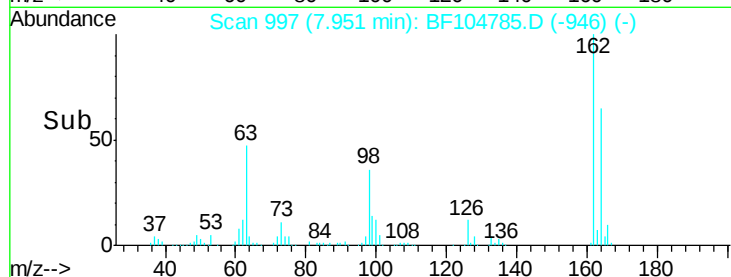
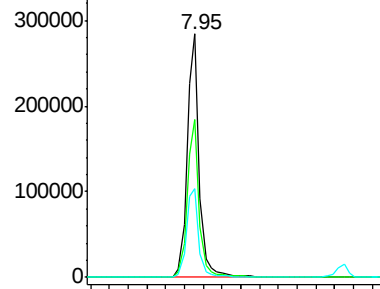
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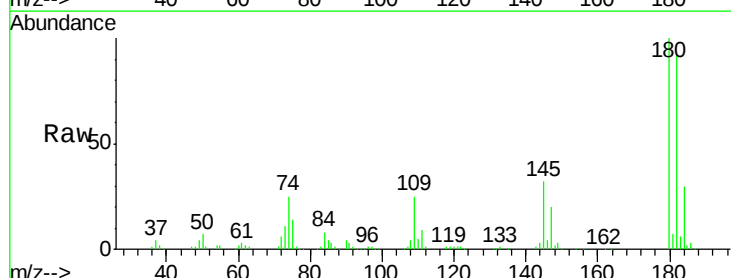


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

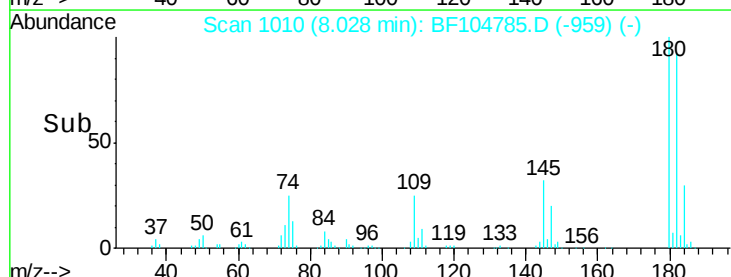
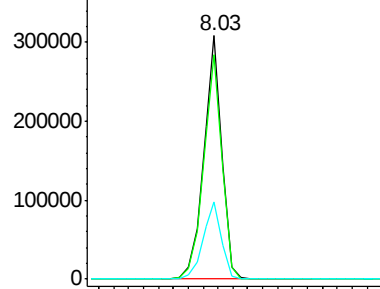


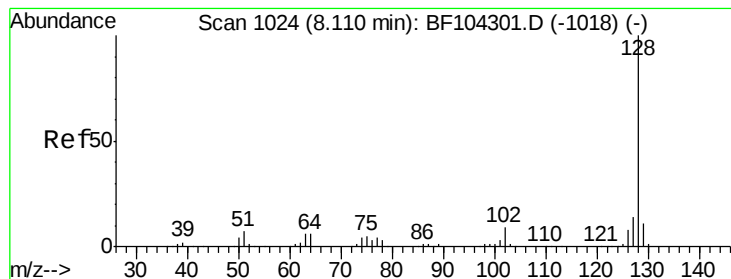
#30
1,2,4-Trichlorobenzene
Concen: 28.331 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262980		
182	92.1	76.8	115.2	
145	31.7	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.228 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

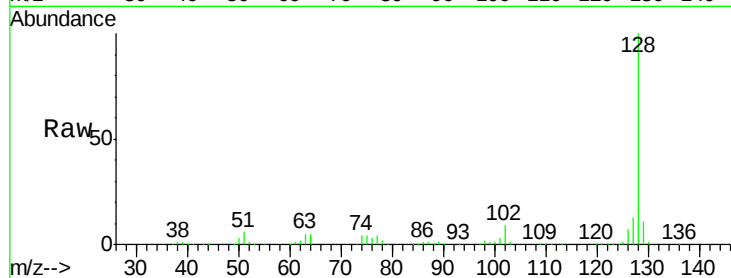
FK-GF-02-017-AMS

Tot Ion:	128	Resp:	871804
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

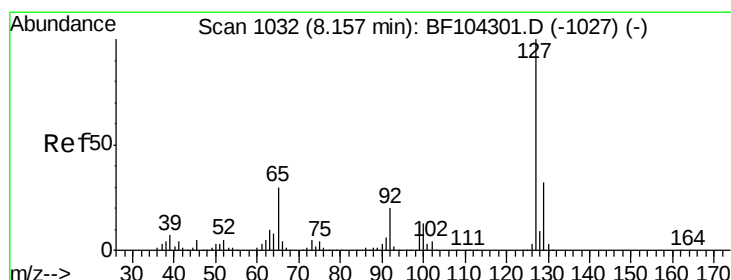
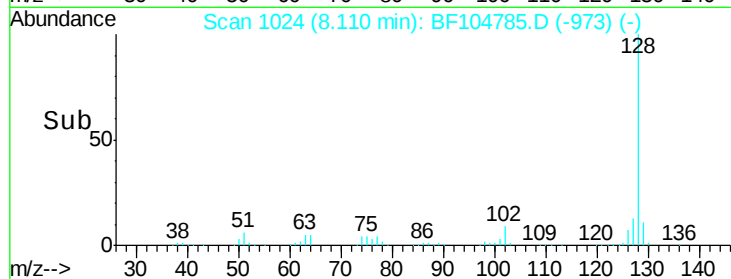
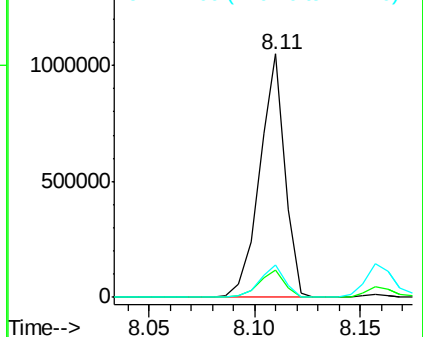
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 11.158 ng

RT: 8.16 min Scan# 1032

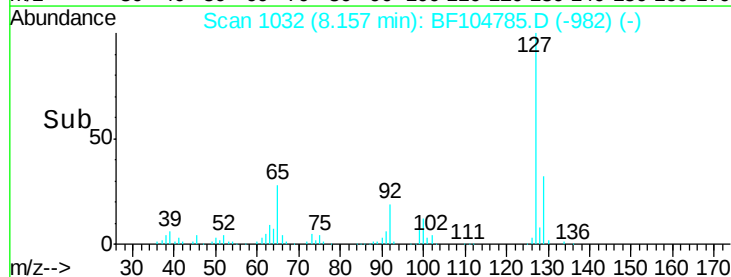
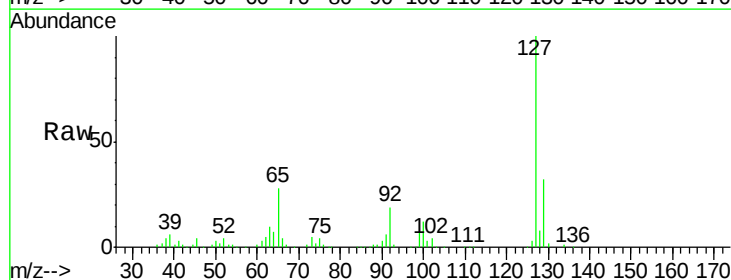
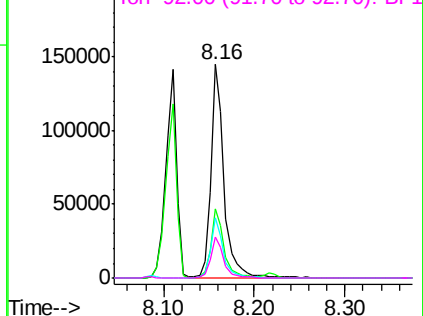
Delta R.T. -0.01 min

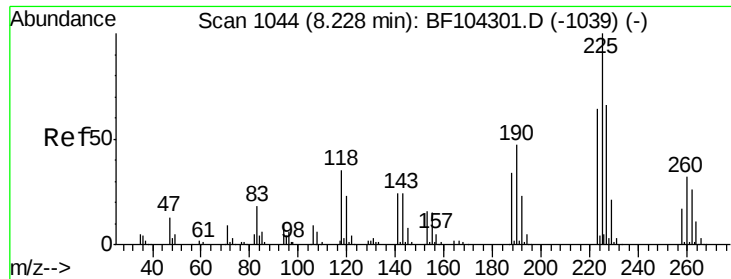
Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	127	Resp:	147635
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.9	38.9
65	28.2	25.0	37.4
92	18.9	15.2	22.8

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1





#34
Hexachlorobutadiene
Concen: 27.337 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

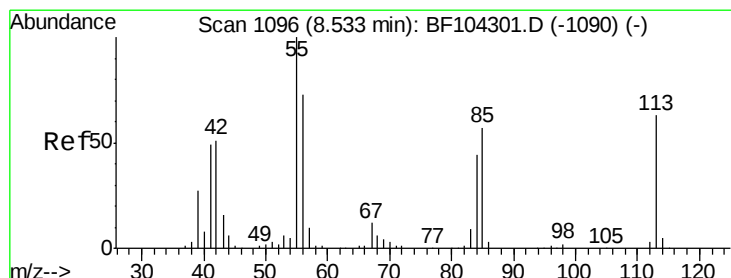
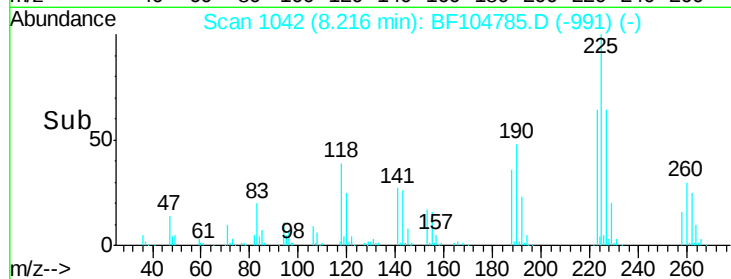
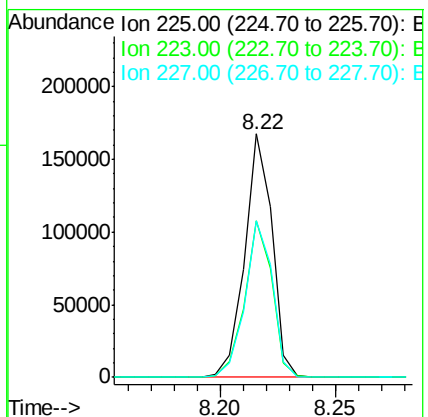
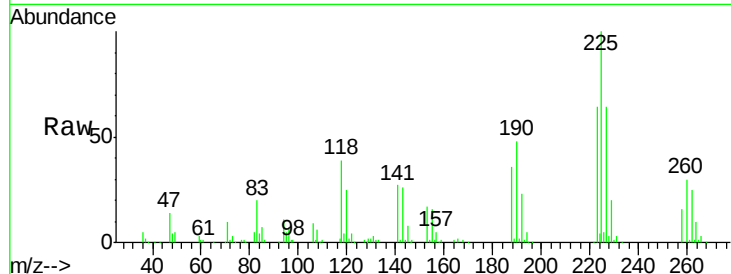
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	225	Resp:	138990
Ion Ratio		Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.3	51.9	77.9

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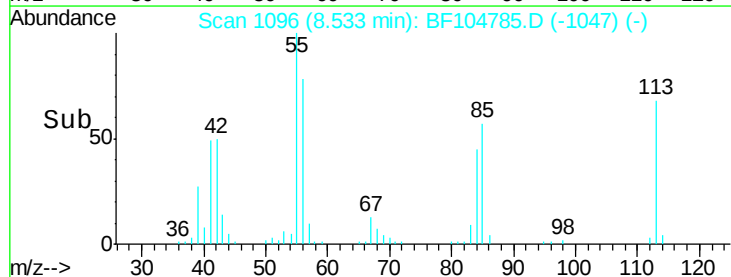
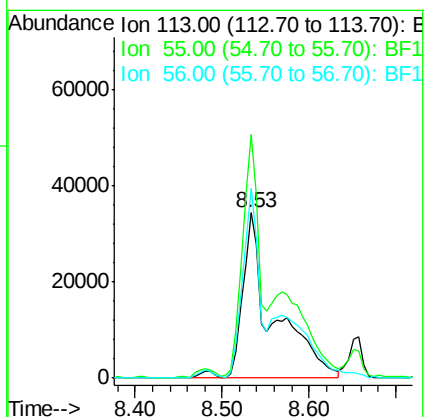
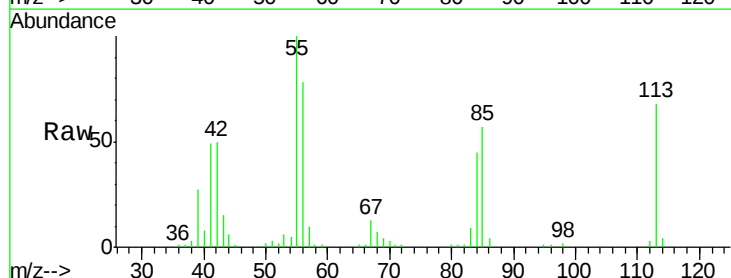
Sohil

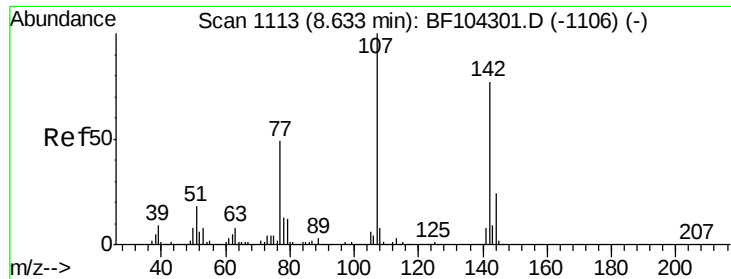
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#35
Caprolactam
Concen: 28.326 ng m
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	113	Resp:	83577
Ion Ratio		Lower	Upper
113	100		
55	147.4	163.3	203.3#
56	115.0	115.7	155.7#





#36
 4-Chloro-3-methylphenol
 Concen: 30.791 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

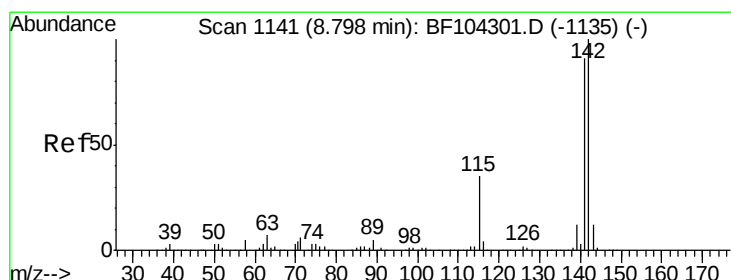
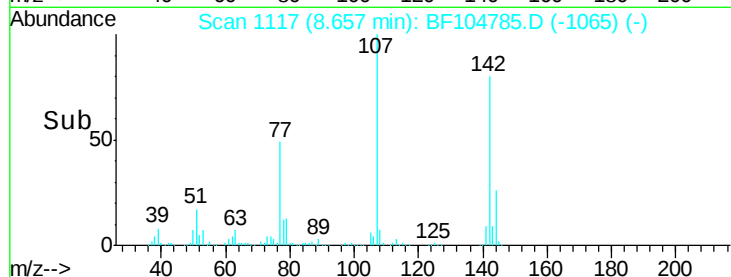
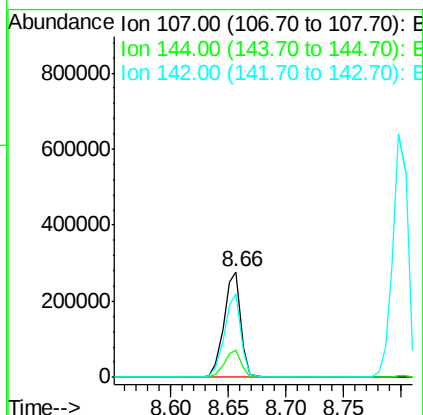
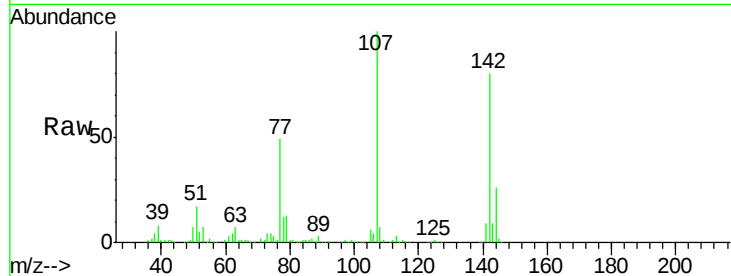
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	79.5	62.0	93.0

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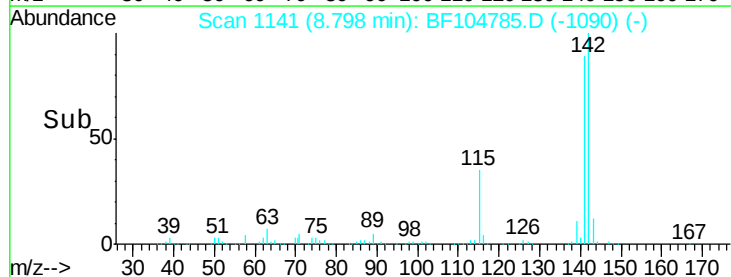
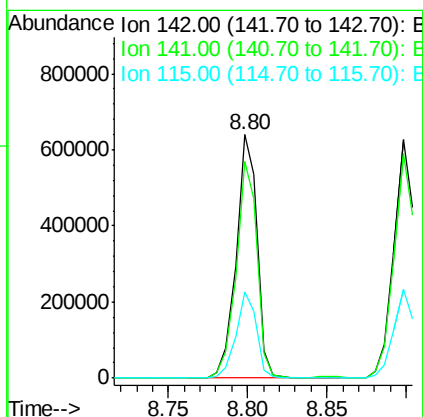
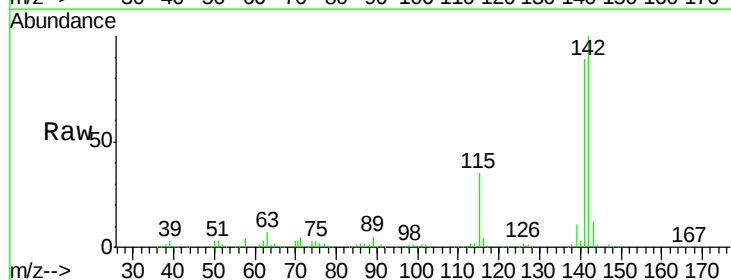
Sohil

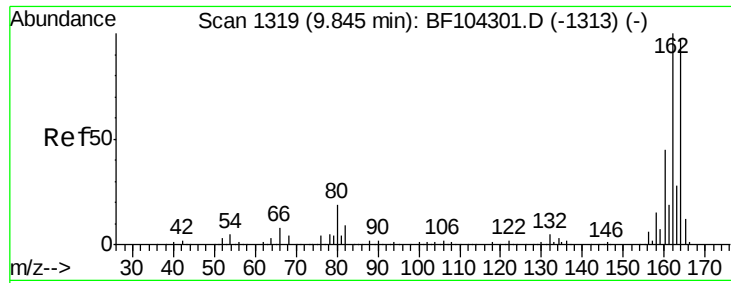
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#37
 2-Methylnaphthalene
 Concen: 29.267 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	35.5	26.1	39.1





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

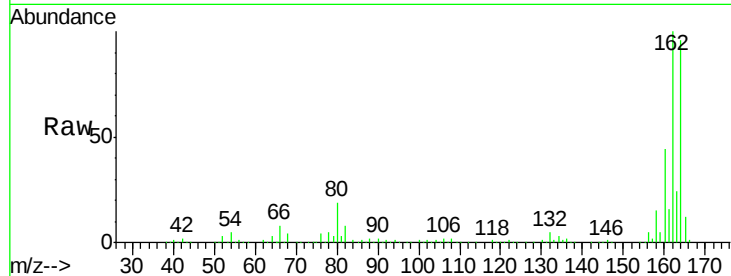
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.3	38.3	57.5

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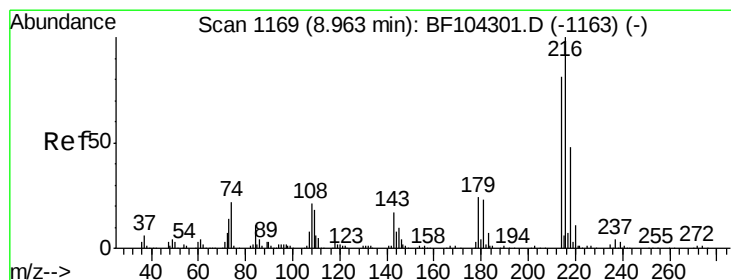
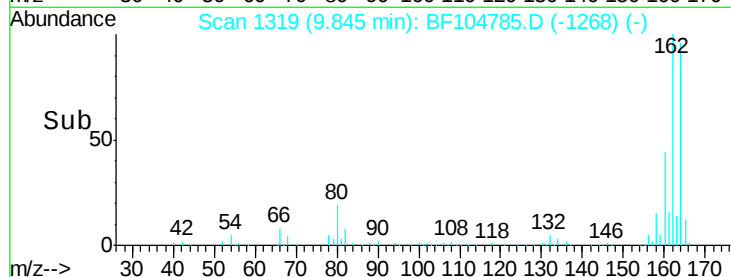
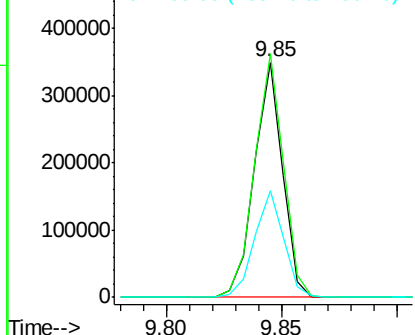


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.547 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.1	18.1	27.1
108	20.8	17.2	25.8

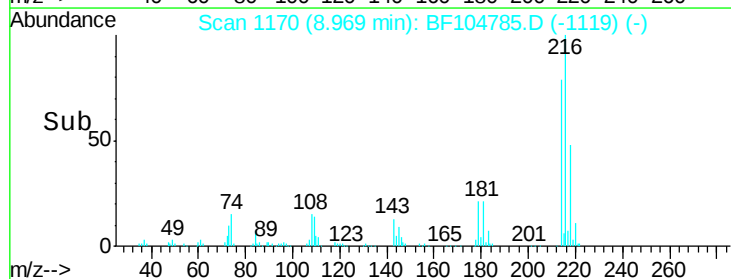
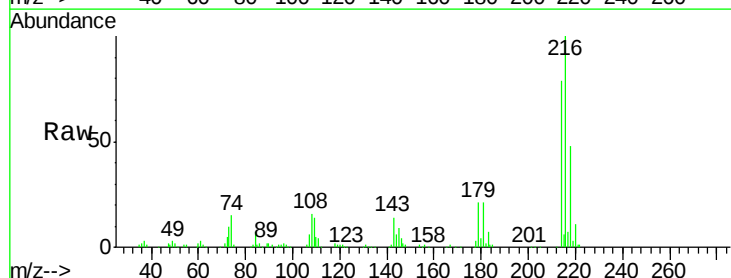
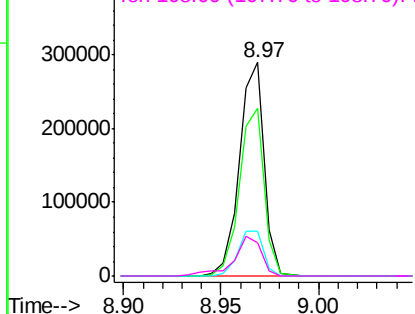
Abundance

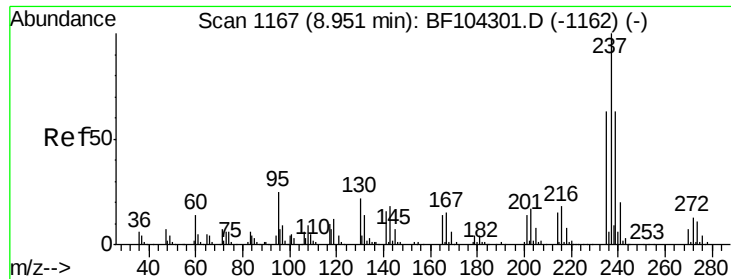
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40
Hexachlorocyclopentadiene
Concen: 32.173 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

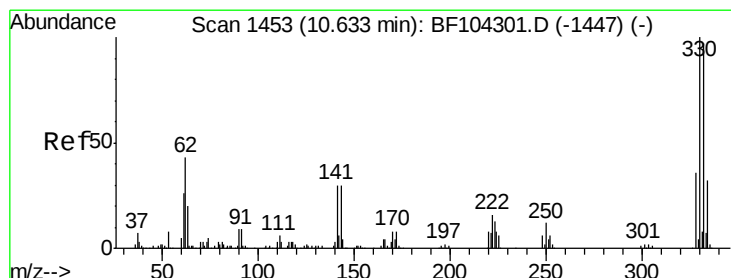
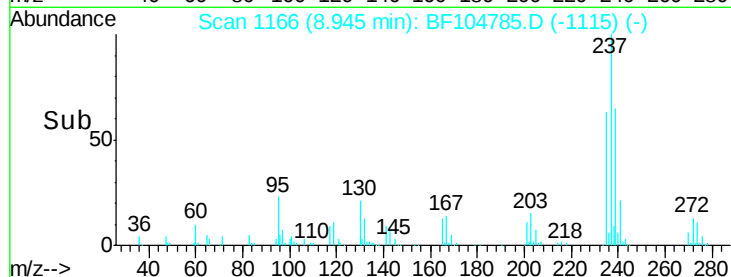
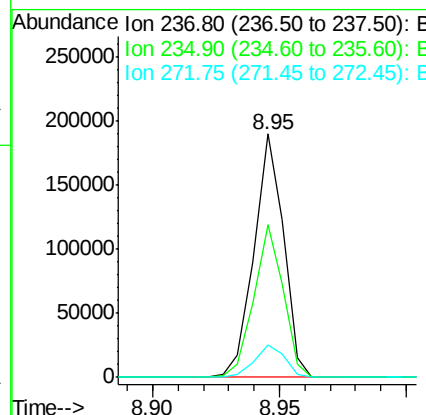
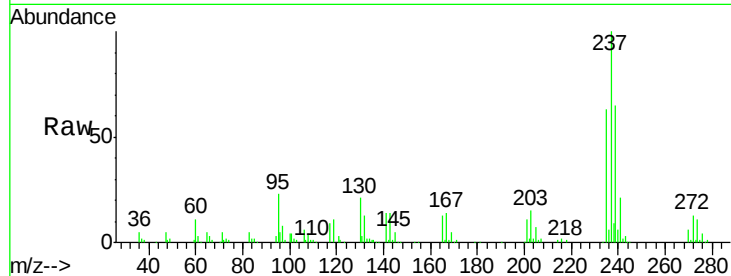
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	237	Resp:	154546
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.8	84.8
272	13.3	0.0	33.3

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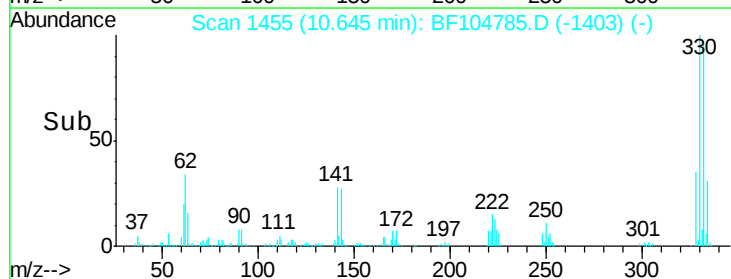
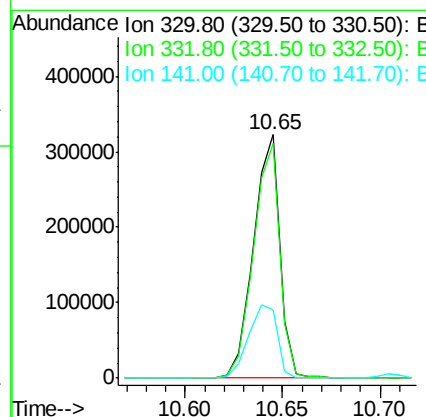
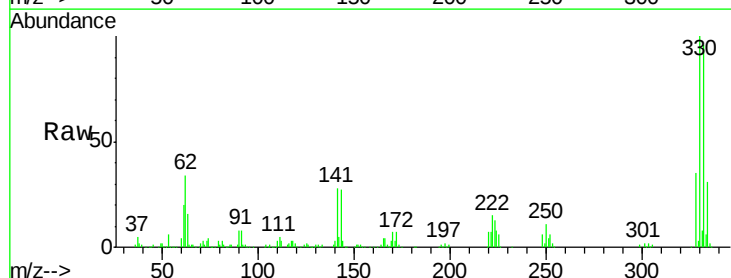
Sohil

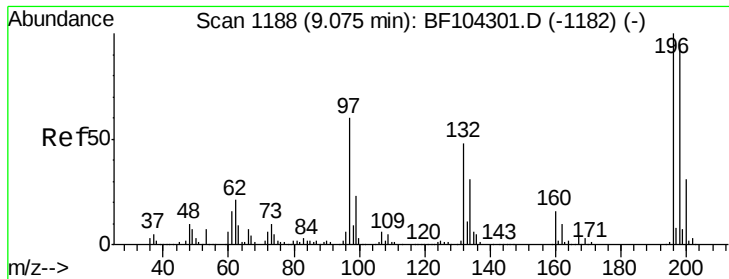
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#41
2,4,6-Tribromophenol
Concen: 96.762 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	330	Resp:	300868
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	33.3	29.9	44.9





#42
 2,4,6-Trichlorophenol
 Concen: 29.806 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

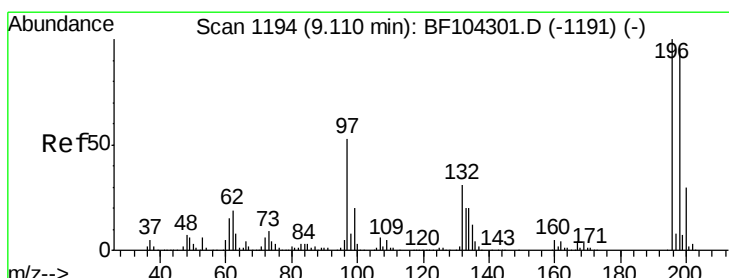
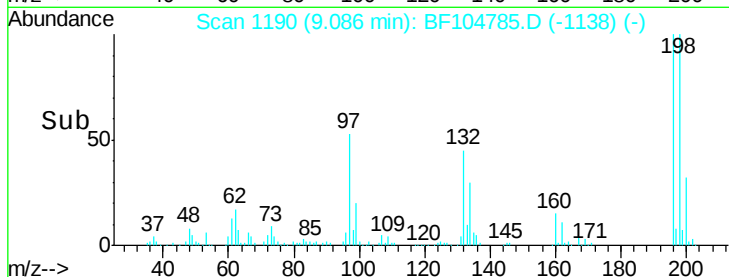
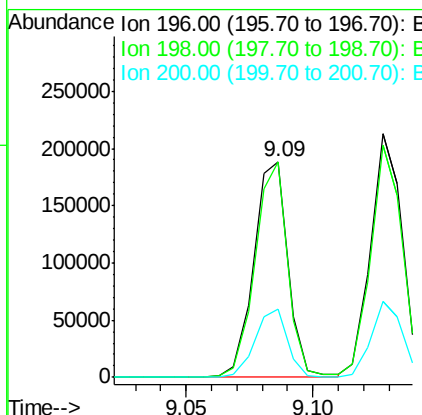
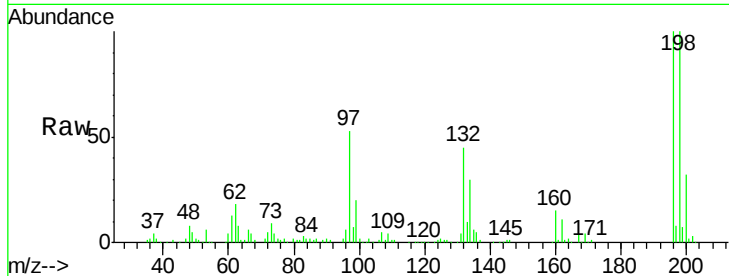
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177538		
198	100.1	75.7	113.5	
200	31.8	24.5	36.7	

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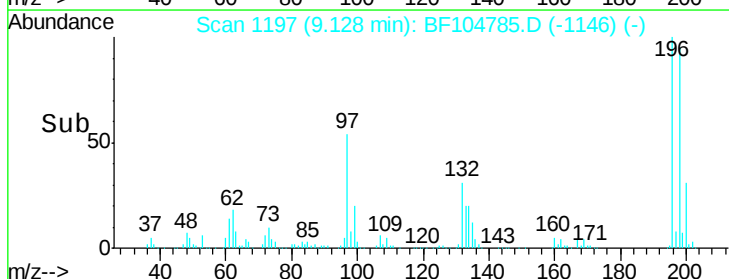
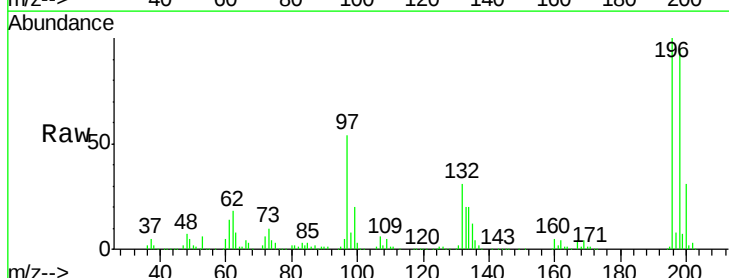
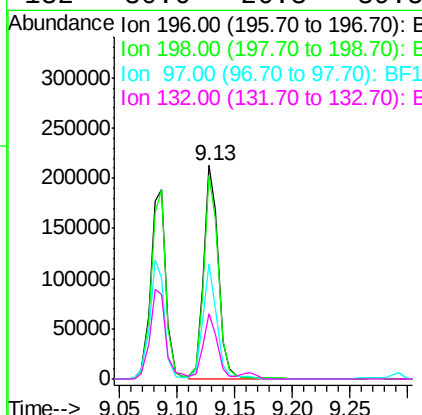
Sohil

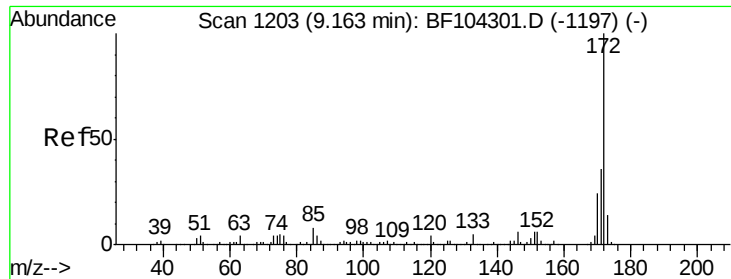
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#43
 2,4,5-Trichlorophenol
 Concen: 28.806 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192008		
198	95.5	74.6	112.0	
97	53.8	42.9	64.3	
132	30.6	26.3	39.5	





#44
2-Fluorobiphenyl
Concen: 62.256 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

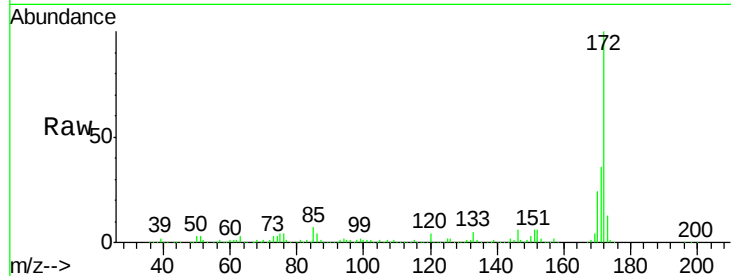
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

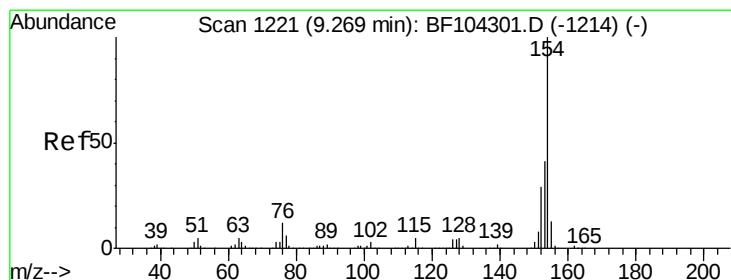
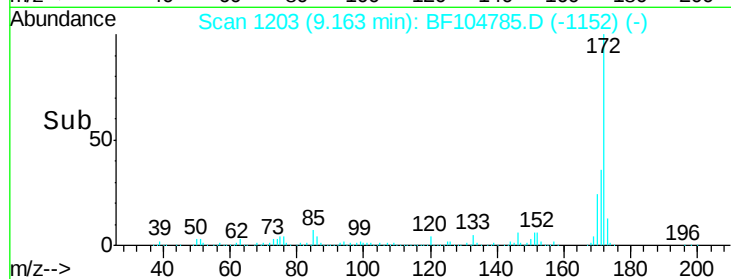
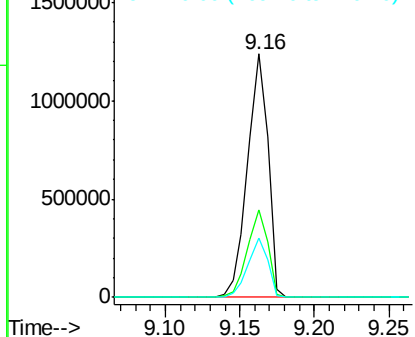
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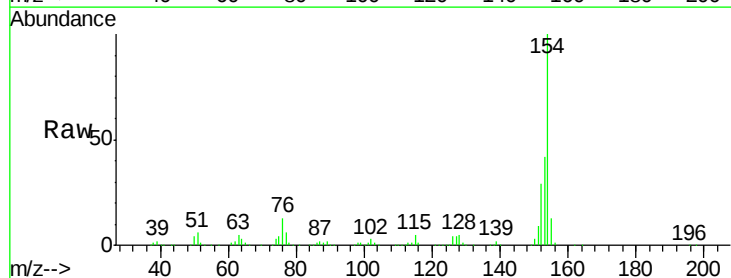


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

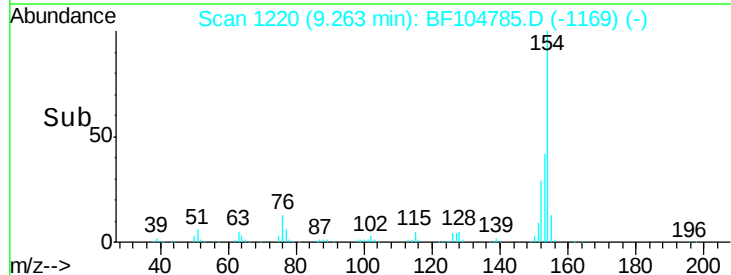
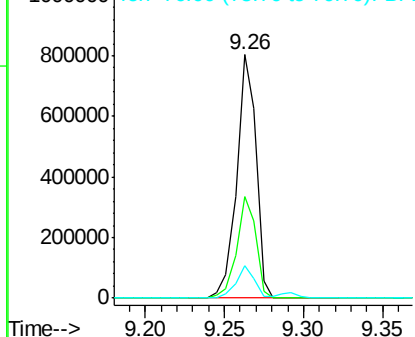


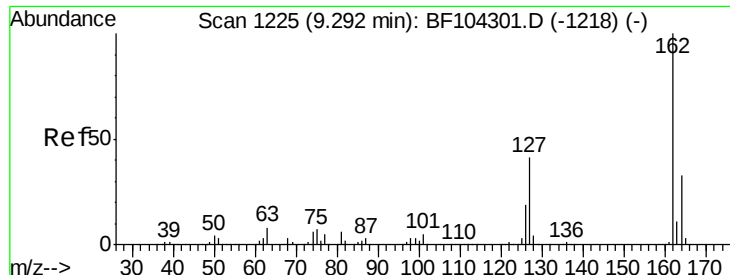
#45
1,1'-Biphenyl
Concen: 27.065 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	13.2	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#46
 2-Chloronaphthalene
 Concen: 27.244 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

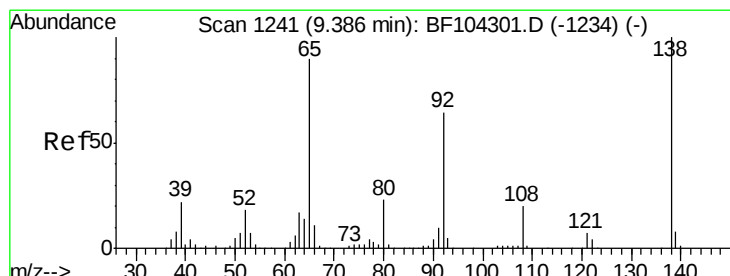
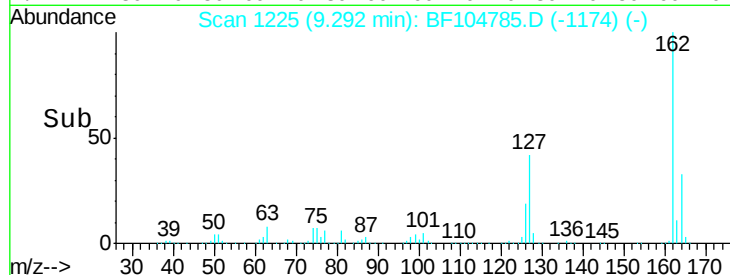
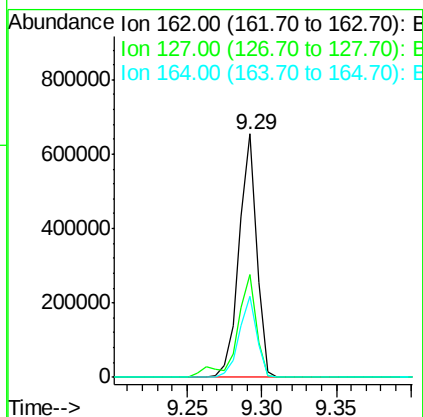
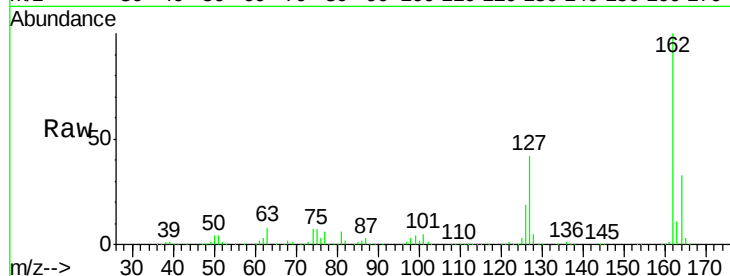
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion:	162	Resp:	541868
Ion Ratio	Lower	Upper	
162	100		
127	42.2	33.9	50.9
164	33.2	26.5	39.7

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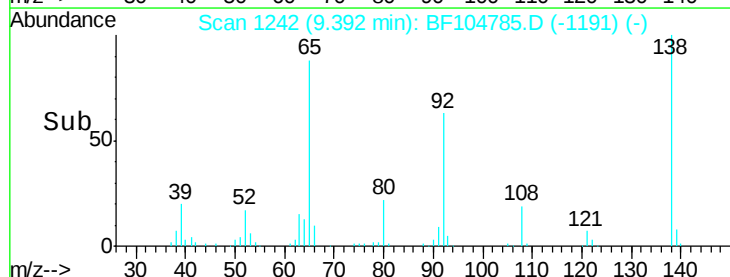
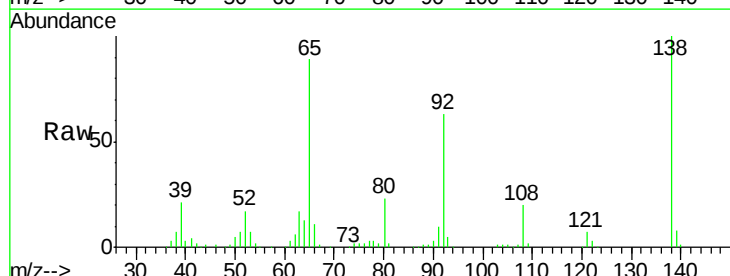
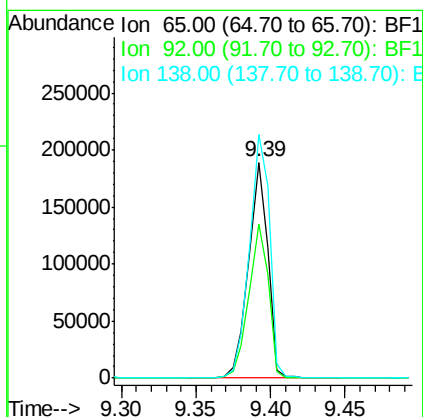
Sohil

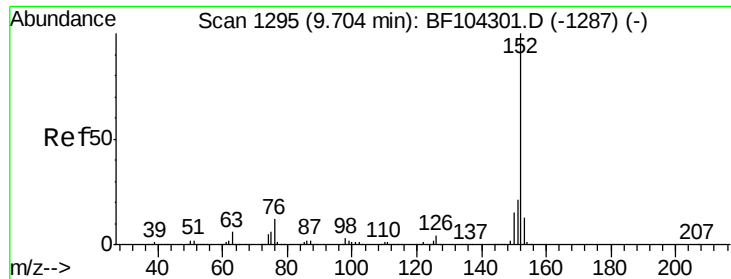
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#47
 2-Nitroaniline
 Concen: 34.453 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:	65	Resp:	169464
Ion Ratio	Lower	Upper	
65	100		
92	71.5	55.8	83.6
138	112.9	91.2	136.8





#48

Acenaphthylene

Concen: 26.098 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

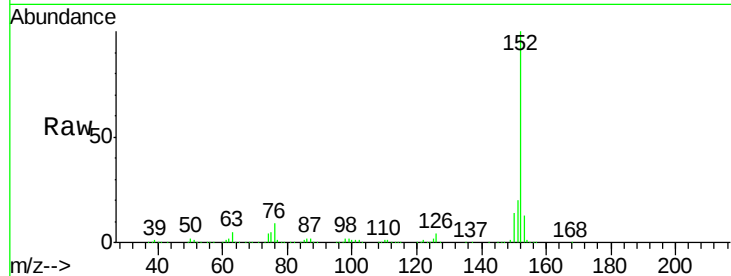
FK-GF-02-017-AMS

Tot Ion:	152	Resp:	814417
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	12.8	10.7	16.1

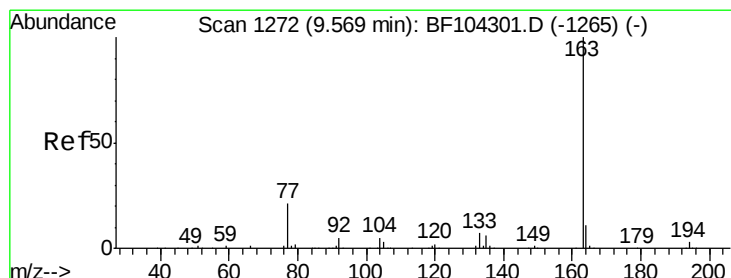
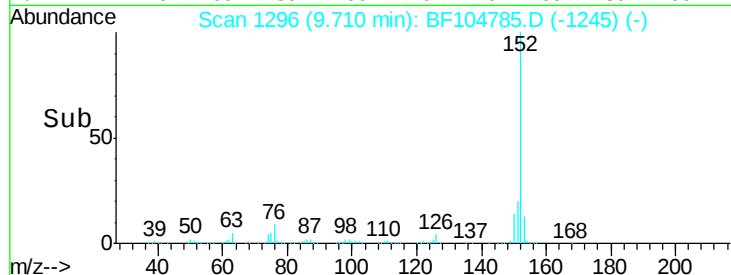
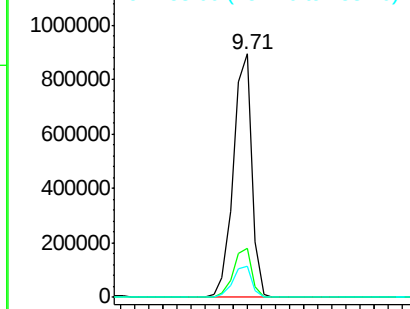
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 32.480 ng

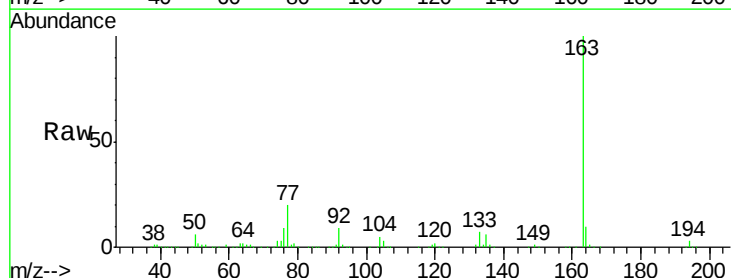
RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

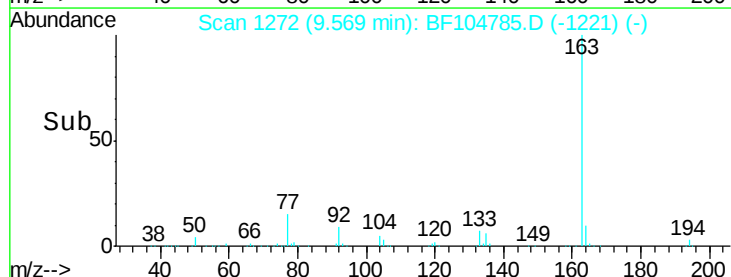
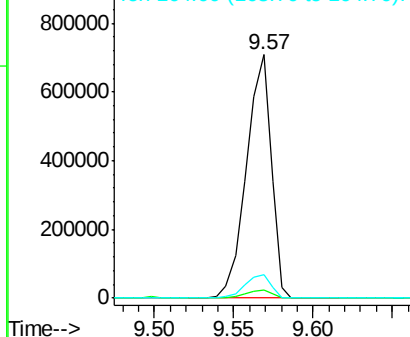
Lab File: BF104785.D

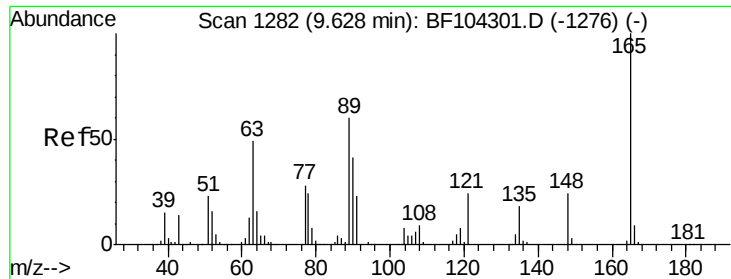
Acq: 25 Apr 2018 13:38

Tgt Ion:	163	Resp:	767754
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50
 2,6-Dinitrotoluene
 Concen: 33.914 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

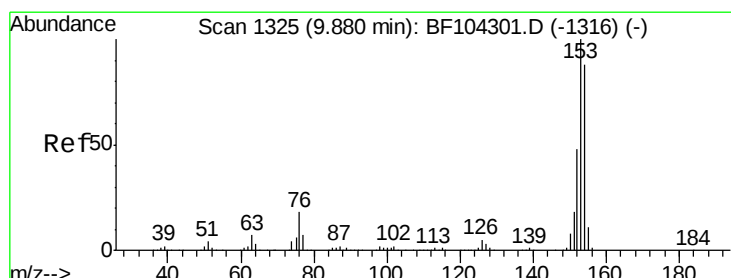
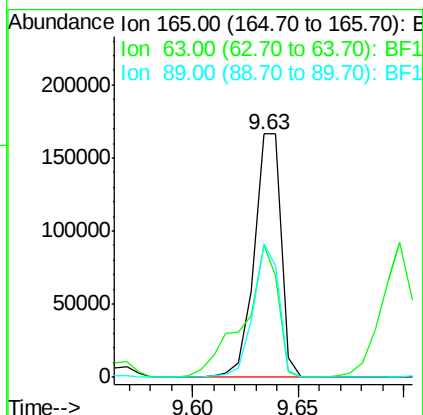
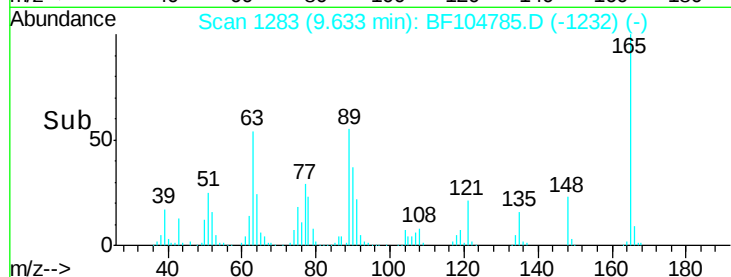
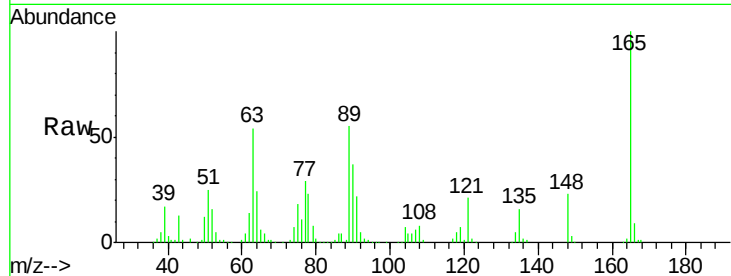
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion:	165	Resp:	148332
Ion Ratio	Lower	Upper	
165	100		
63	54.4	44.7	67.1
89	54.9	44.0	66.0

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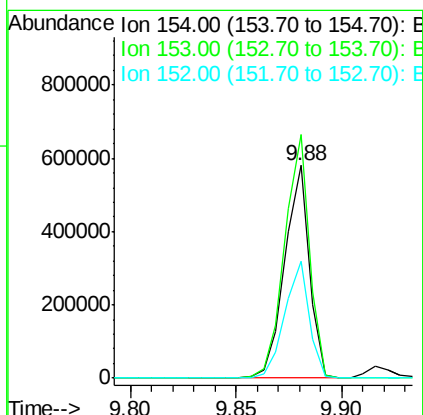
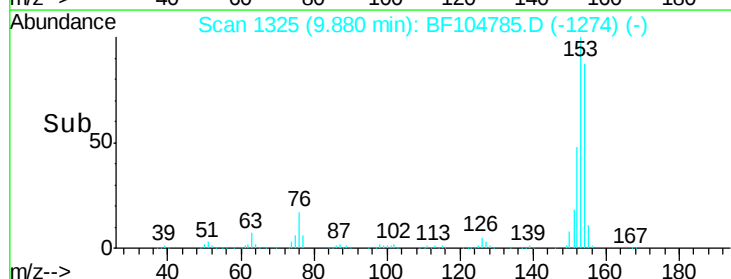
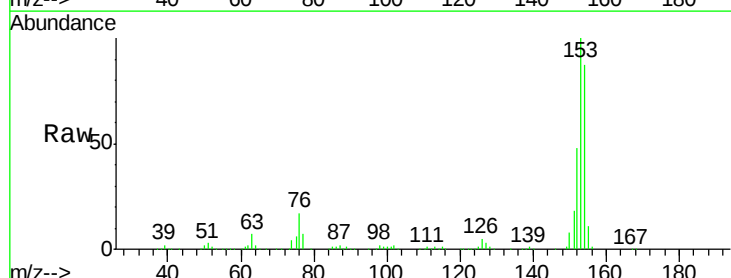
Sohil

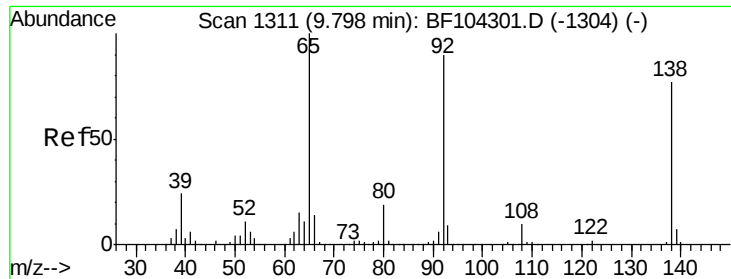
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#51
 Acenaphthene
 Concen: 24.924 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:	154	Resp:	474559
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	55.1	43.8	65.8





#52
3-Nitroaniline
Concen: 23.670 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

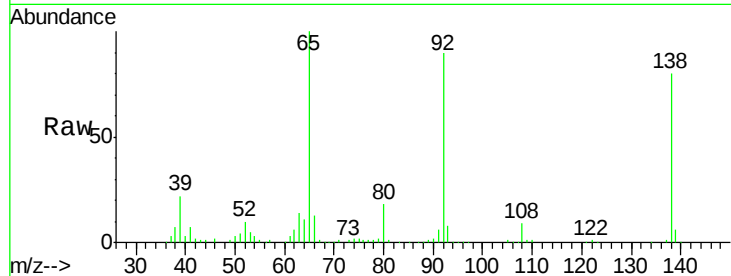
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.0
92	111.7	89.4	134.2

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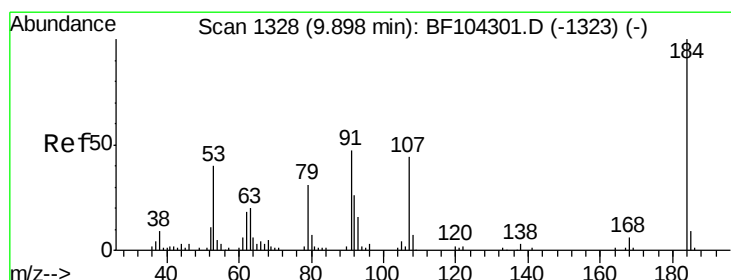
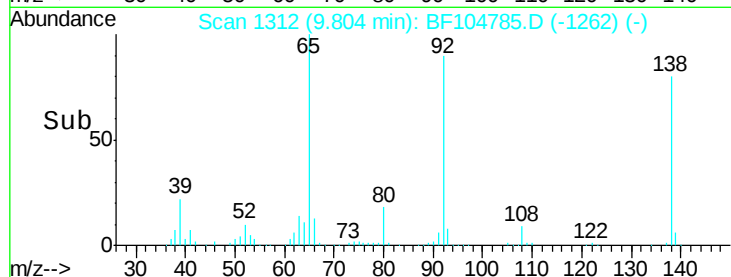
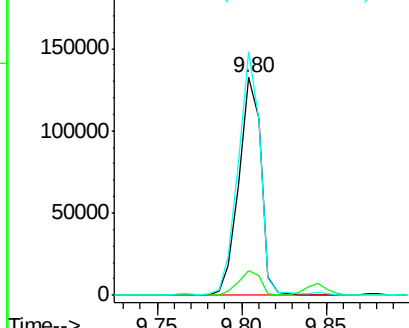


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53
2,4-Dinitrophenol
Concen: 35.914 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

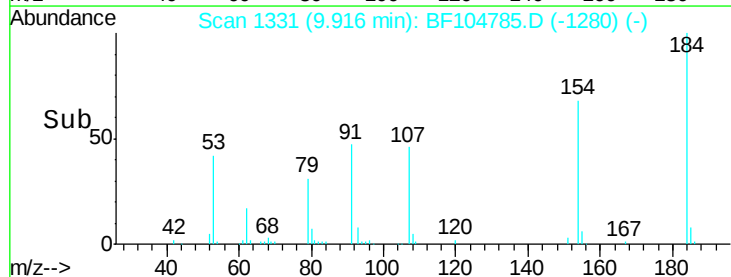
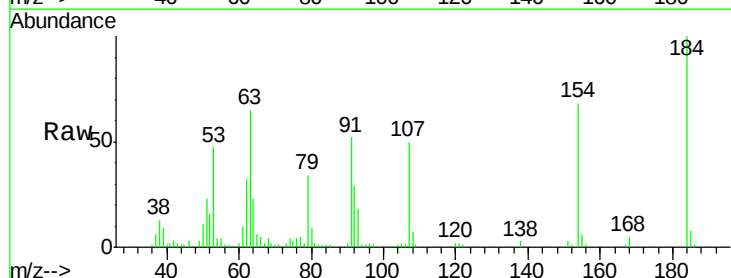
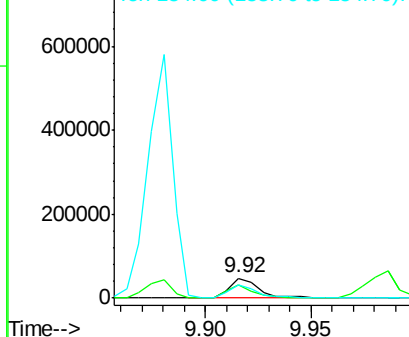
Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	54.2	81.2
154	68.4	184.0	276.0#

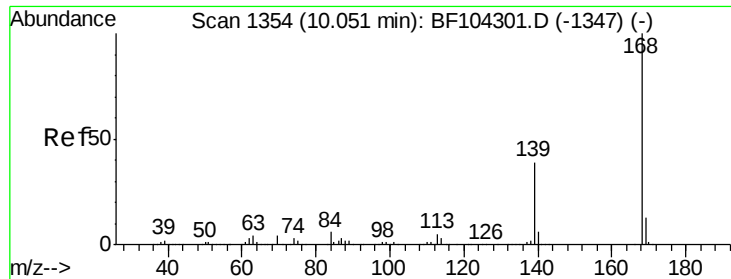
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54
Dibenzenofuran
Concen: 27.048 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

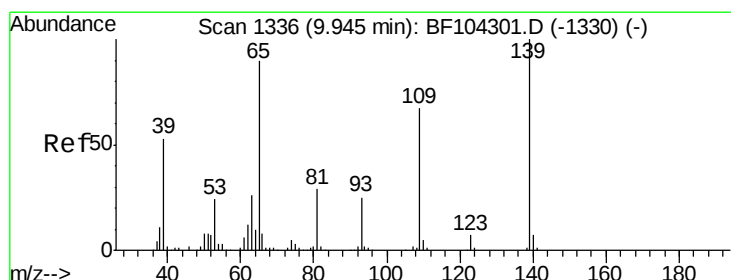
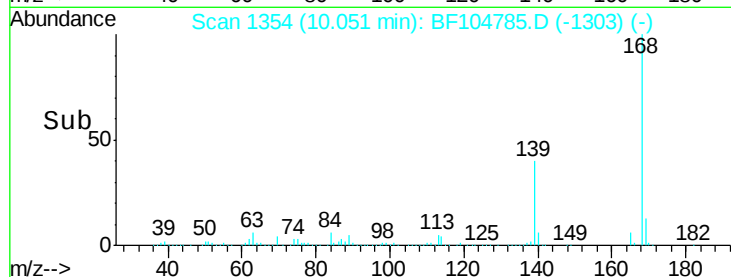
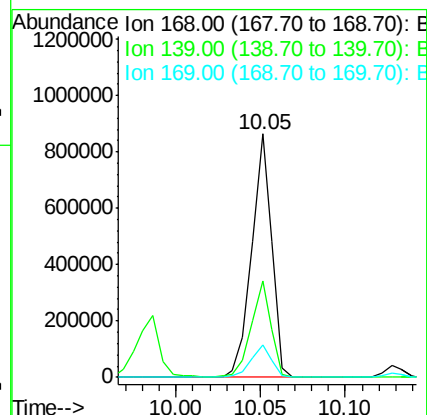
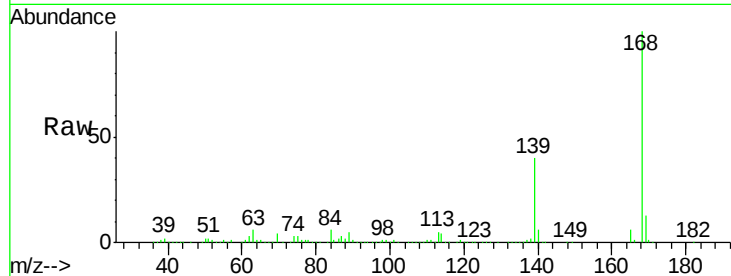
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.2	10.9	16.3

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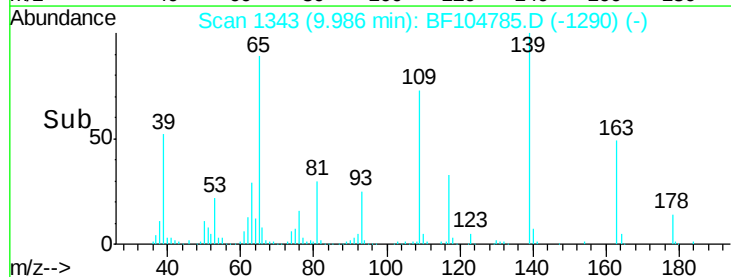
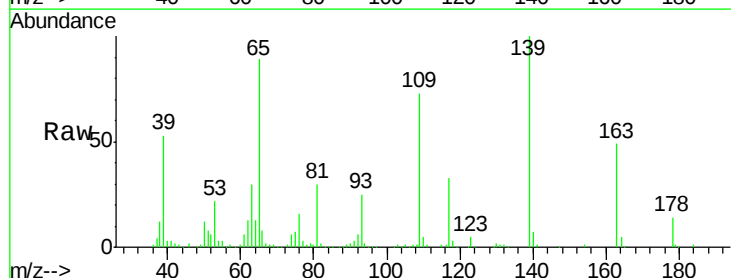
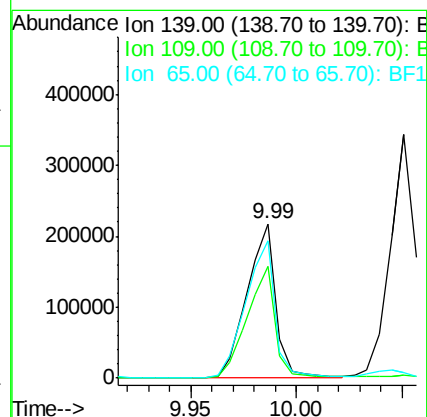
Sohil

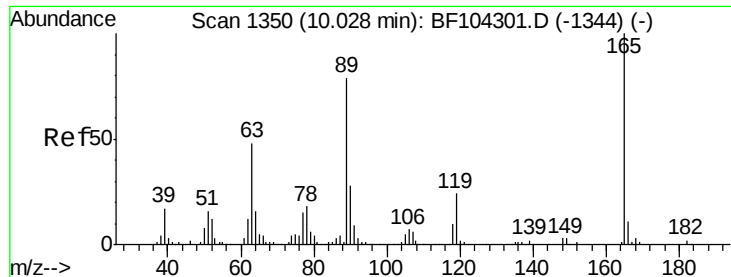
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#55
4-Nitrophenol
Concen: 51.454 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	48.4	88.4
65	89.2	72.6	112.6





#56
2,4-Dinitrotoluene
Concen: 32.726 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

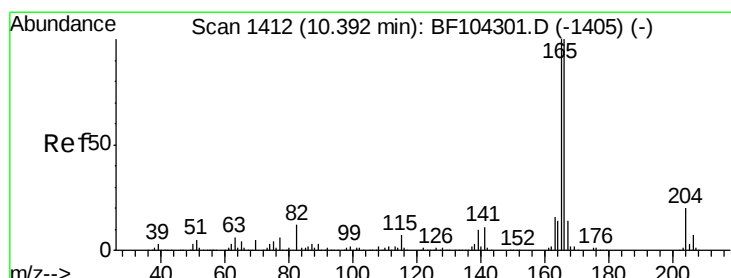
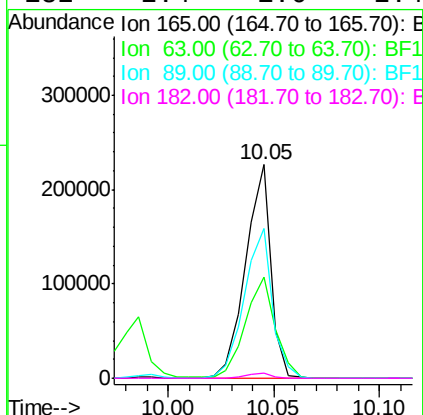
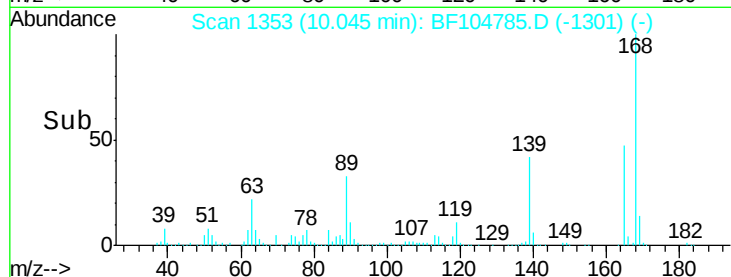
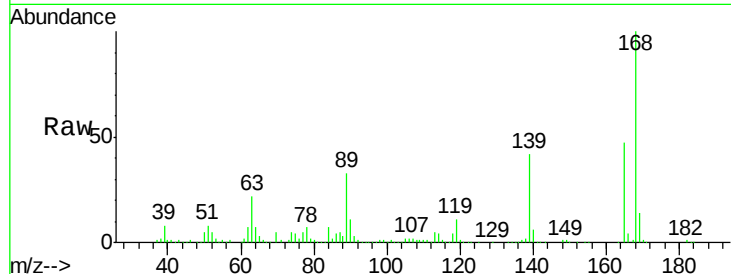
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	47.3	36.4	54.6
89	70.2	57.8	86.6
182	2.4	1.6	2.4

Manual Integrations
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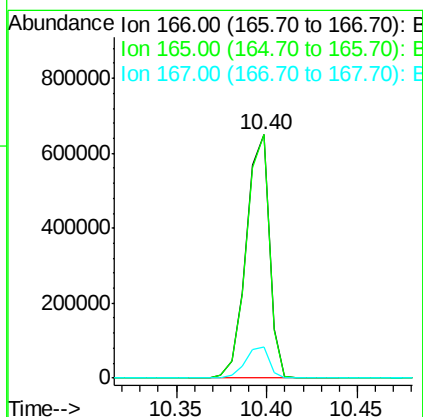
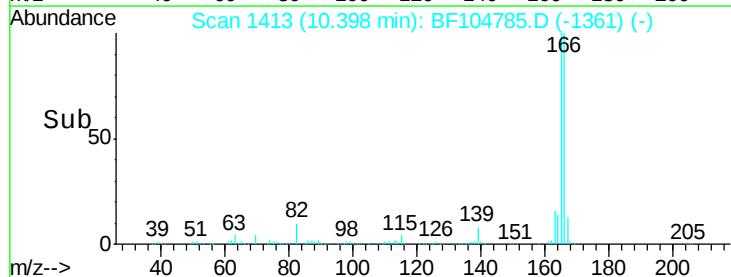
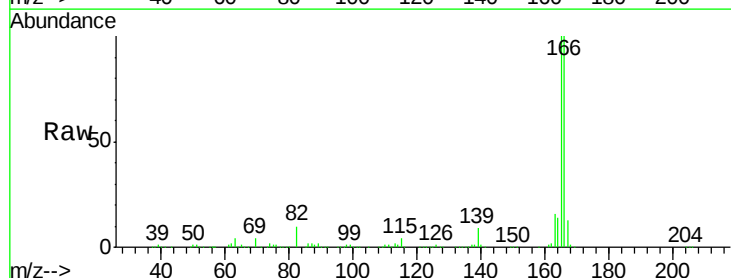
Sohil

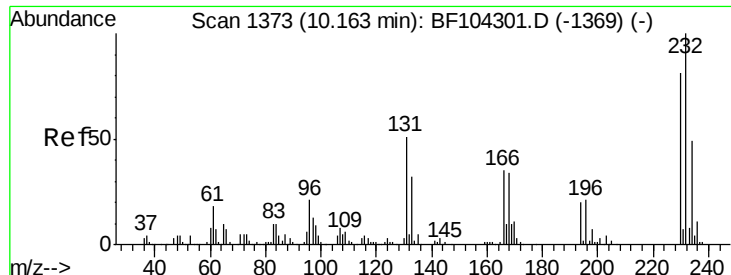
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#57
Fluorene
Concen: 29.909 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.9	79.8	119.8
167	12.9	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 28.189 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

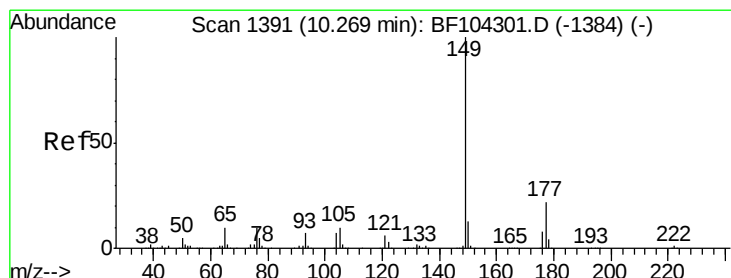
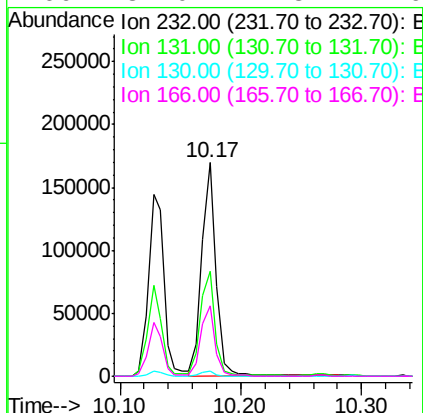
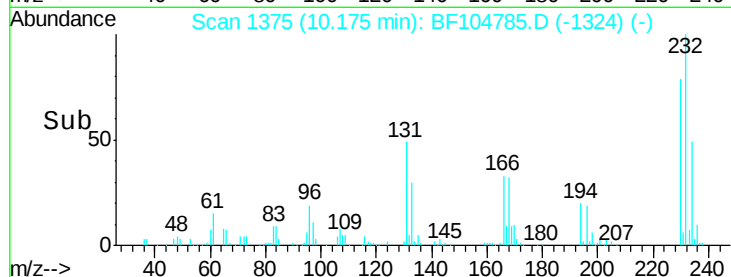
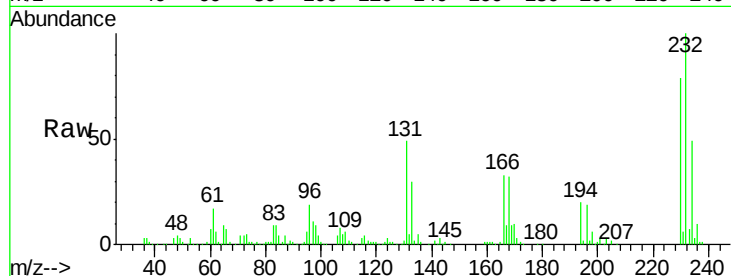
FK-GF-02-017-AMS

Tot Ion:	232	Resp:	140178
Ion Ratio	Lower	Upper	
232	100		
131	49.5	43.8	65.8
130	2.5	2.1	3.1
166	34.0	27.8	41.6

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#59

Diethylphthalate

Concen: 28.235 ng

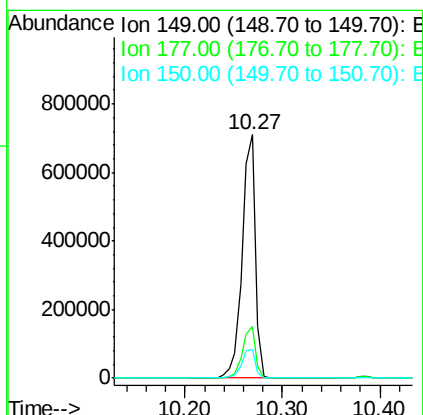
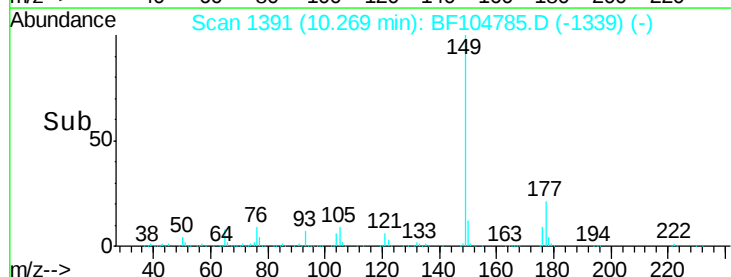
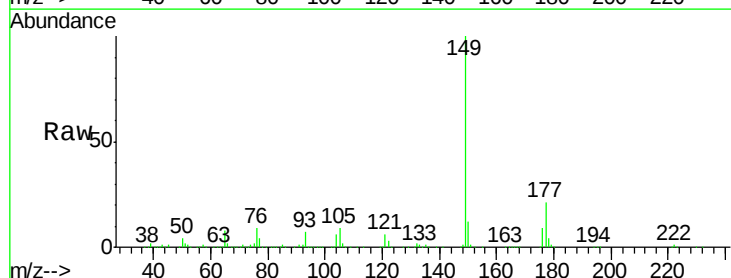
RT: 10.27 min Scan# 1391

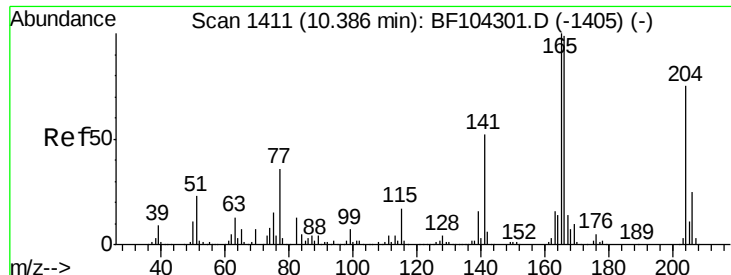
Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	149	Resp:	664681
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.1	24.1
150	11.7	10.1	15.1





#60
 4-Chlorophenyl-phenylether
 Concen: 31.128 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

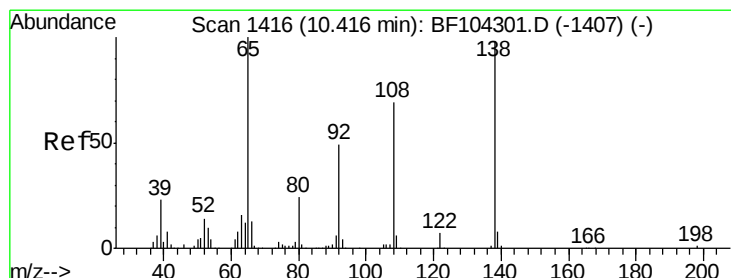
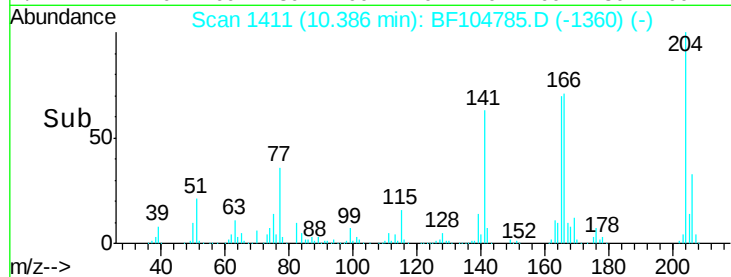
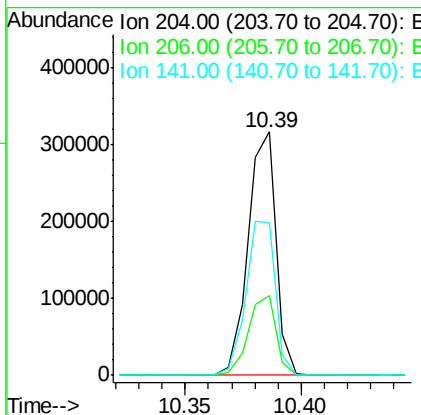
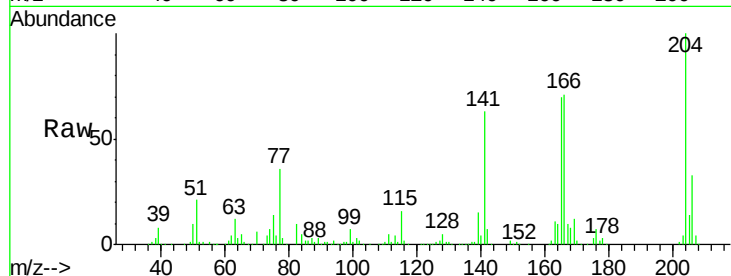
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion:	204	Resp:	267739
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	62.5	54.6	81.8

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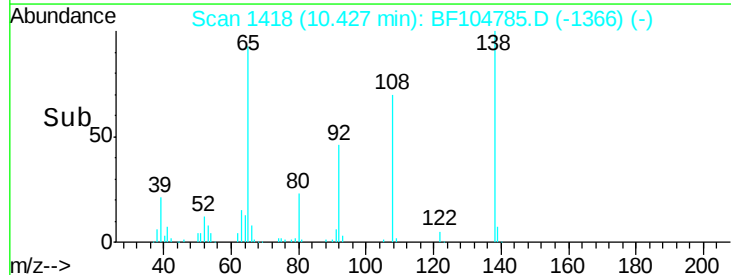
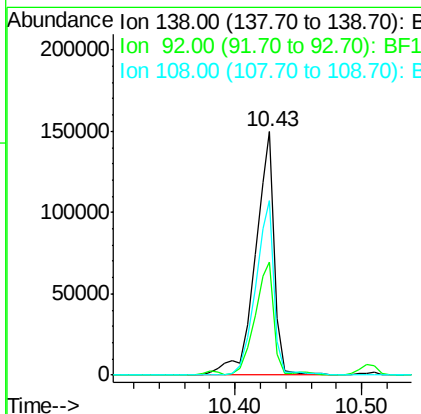
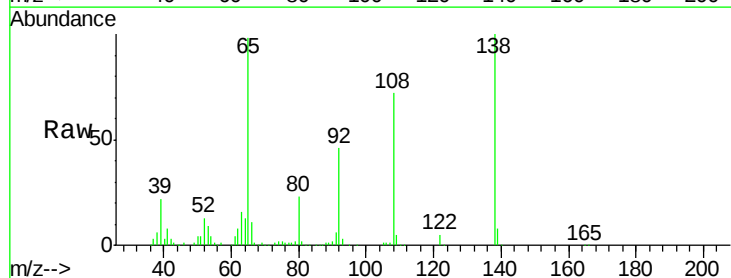
Sohil

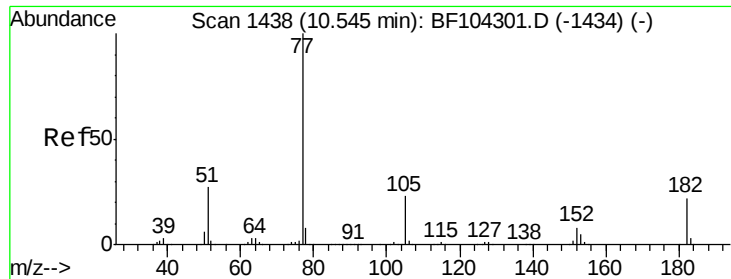
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#61
 4-Nitroaniline
 Concen: 31.542 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:	138	Resp:	157919
Ion Ratio	Lower	Upper	
138	100		
92	46.4	30.2	70.2
108	71.9	52.5	92.5





#62

Azobenzene

Concen: 25.399 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

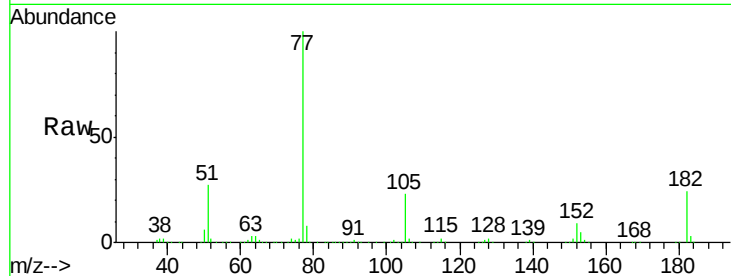
FK-GF-02-017-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		571255		
182	23.7	1.7	41.7		
105	23.1	3.0	43.0		
51	26.6	9.9	49.9		

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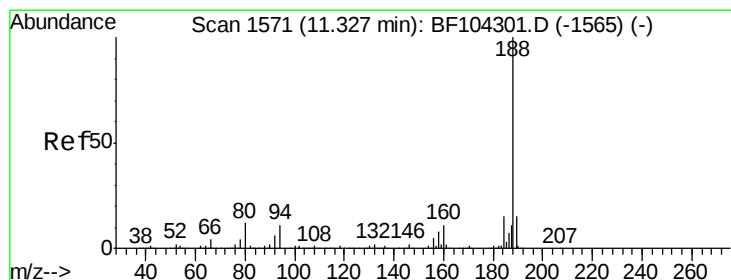
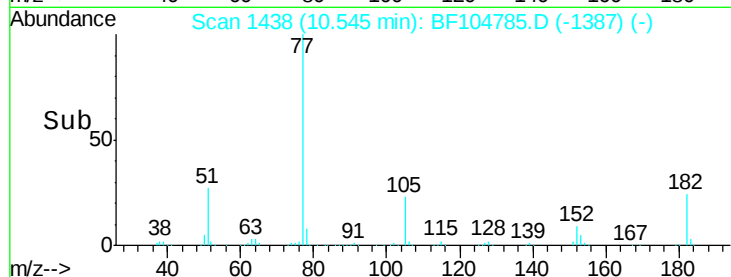
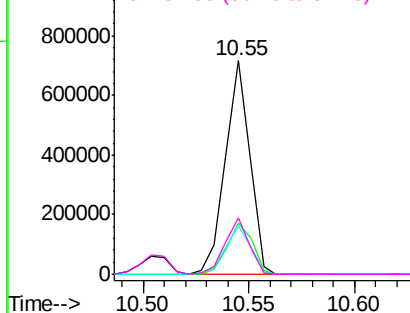


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

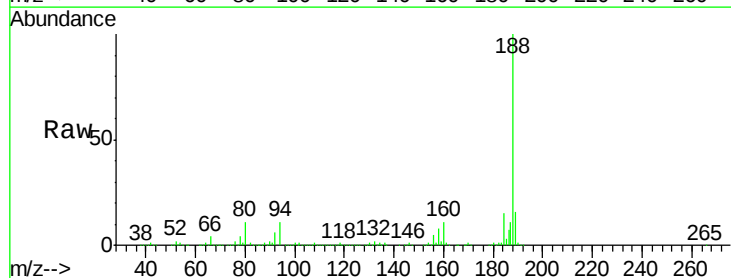
RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

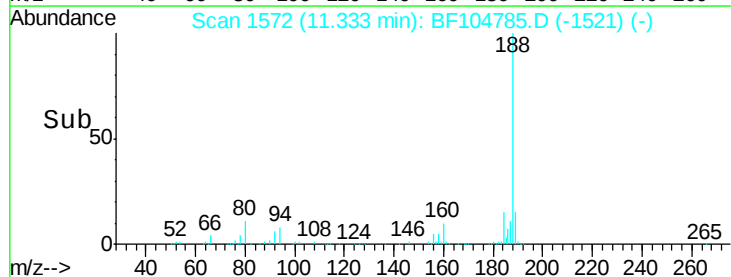
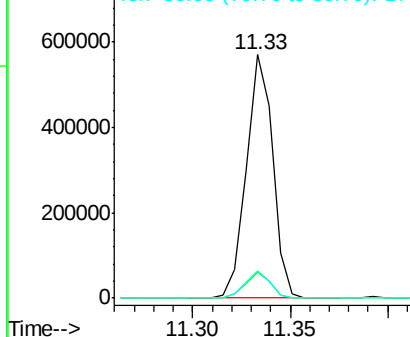
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		533441		
94	10.6	8.5	12.7		
80	11.4	9.2	13.8		

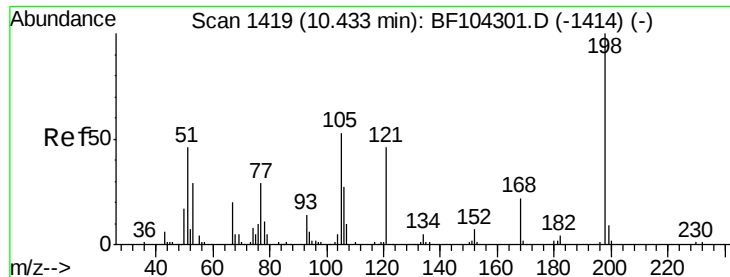


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 26.933 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-AMS

Tot Ion:198 Resp: 60081

Ion Ratio Lower Upper

198 100

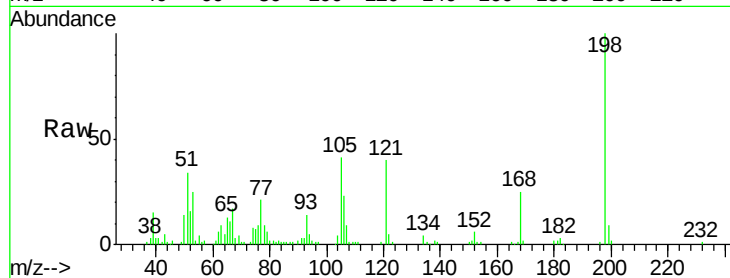
51 34.0 37.7 77.7#

105 41.4 36.3 76.3

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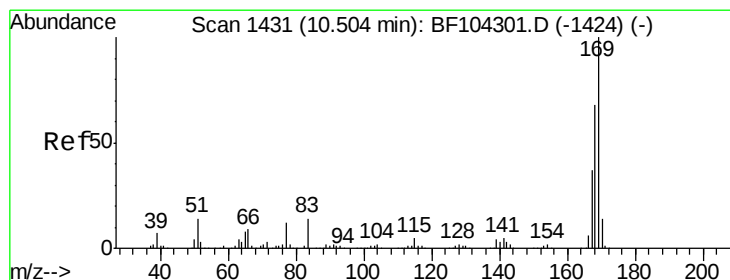
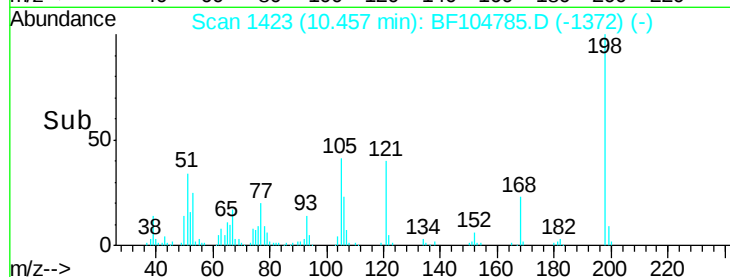
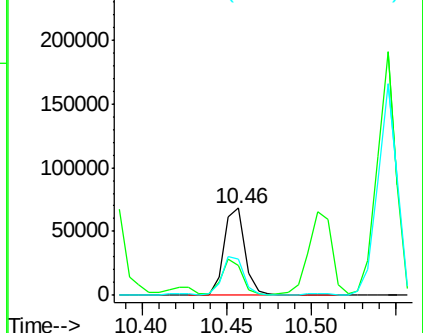
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 28.204 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

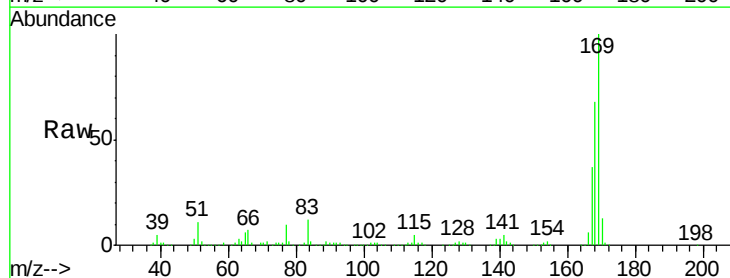
Tgt Ion:169 Resp: 521661

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

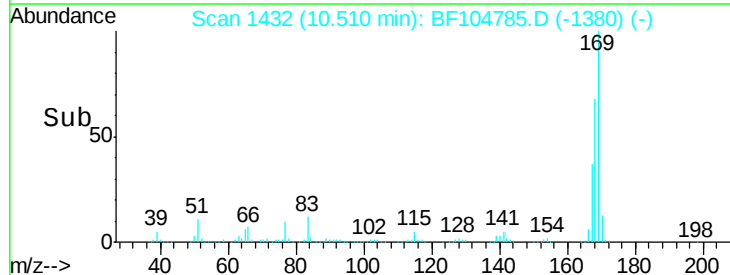
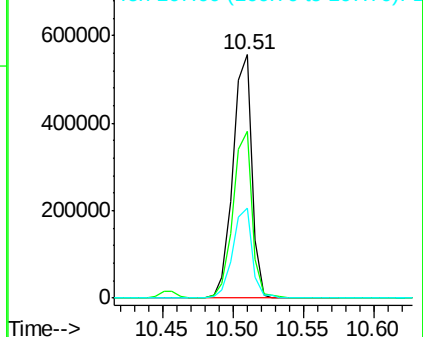
167 37.0 29.8 44.6

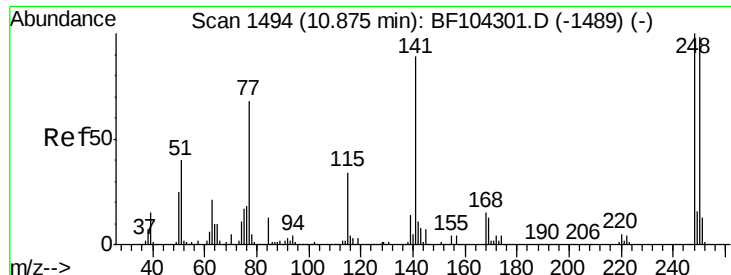


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
 4-Bromophenyl-phenylether
 Concen: 28.840 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

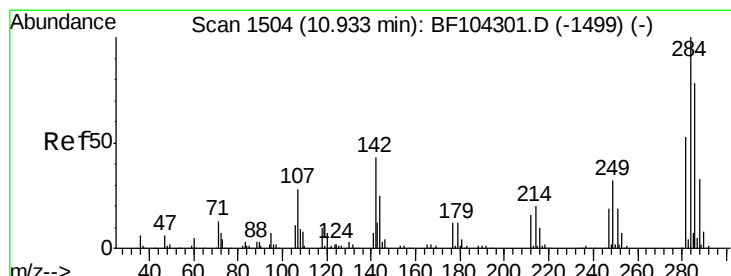
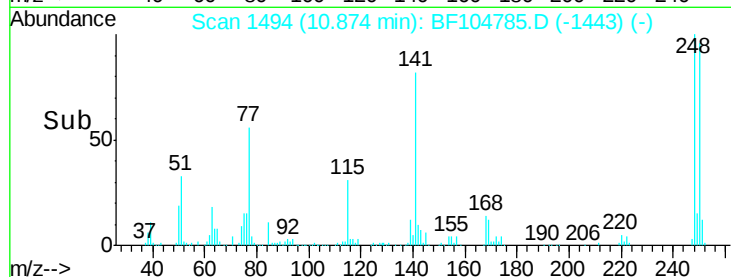
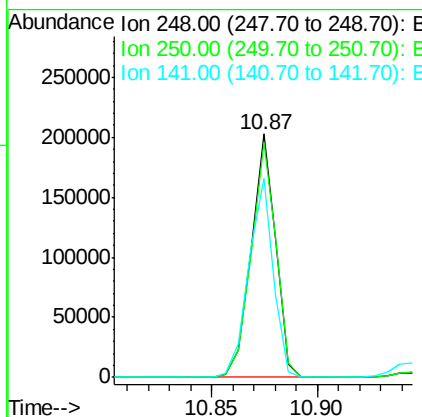
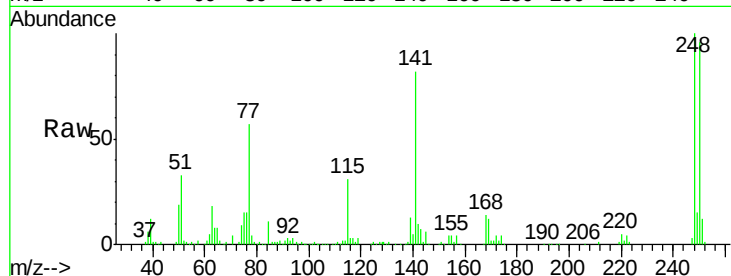
Instrument :
 BNA_F
 ClientSampleID :
 FK-GF-02-017-AMS

Tot Ion:	248	Resp:	163640
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.9	115.3
141	81.7	74.4	111.6

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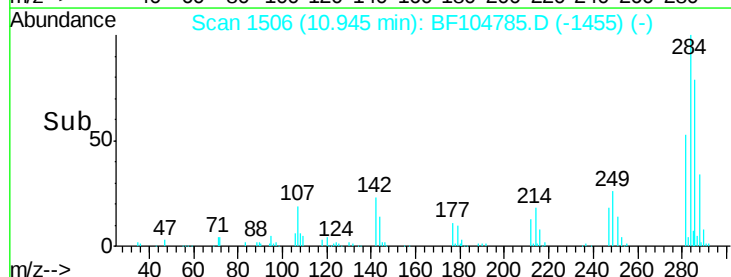
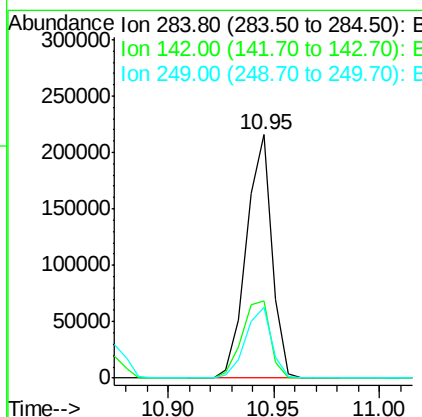
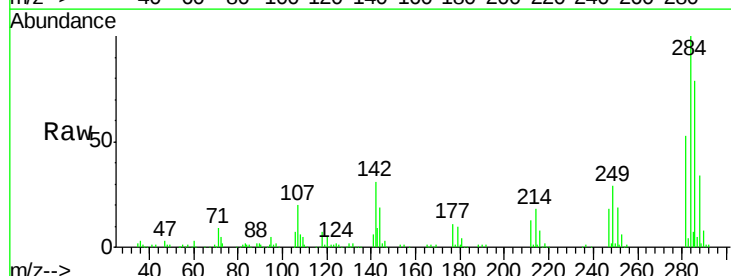
Sohil

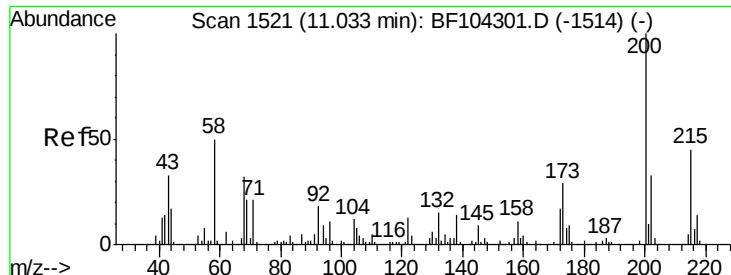
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#67
 Hexachlorobenzene
 Concen: 28.326 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion:	284	Resp:	180851
Ion Ratio	Lower	Upper	
284	100		
142	31.5	34.6	52.0#
249	29.2	24.8	37.2





#68
Atrazine
Concen: 30.652 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

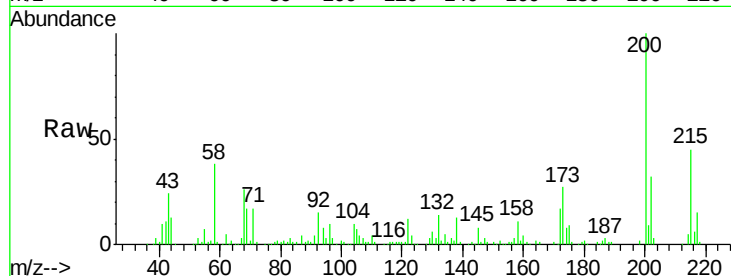
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	8.6	48.6
215	45.4	25.1	65.1

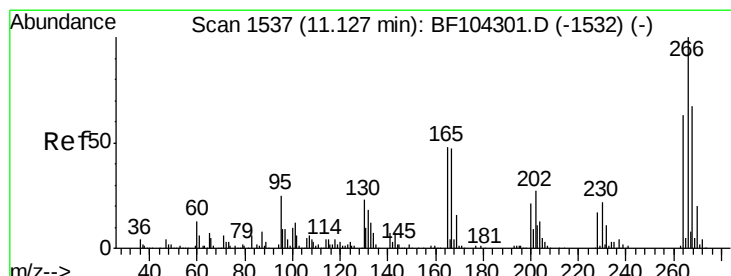
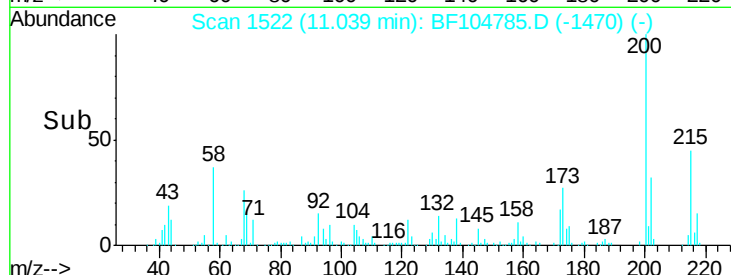
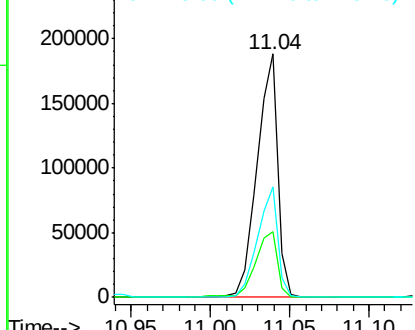
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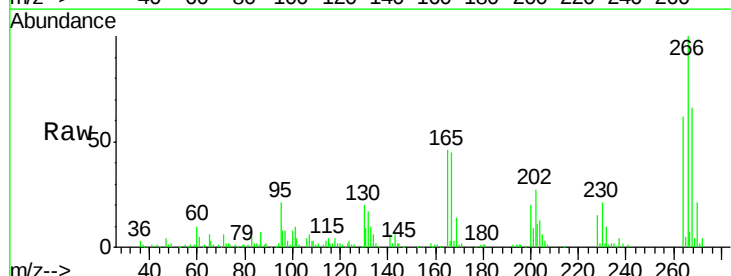


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

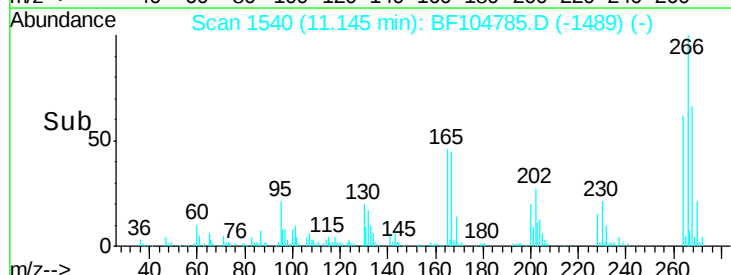
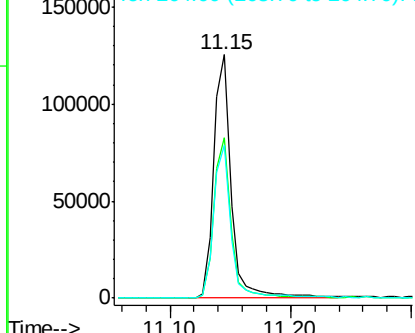


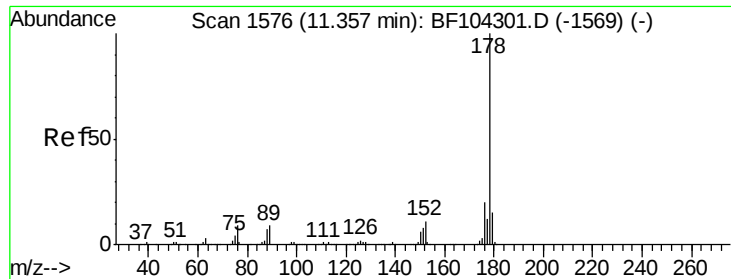
#69
Pentachlorophenol
Concen: 31.521 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	51.1	76.7
264	62.5	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70
Phenanthrene
Concen: 27.676 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

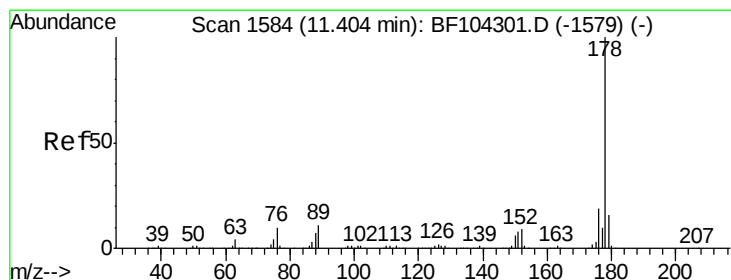
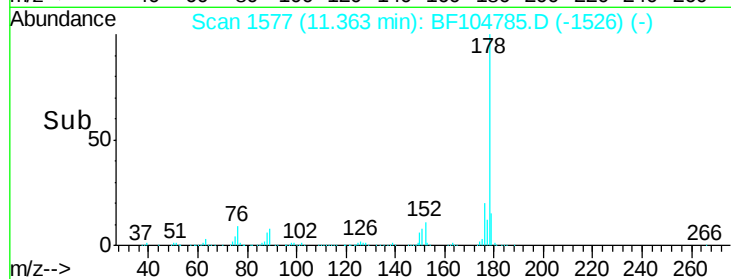
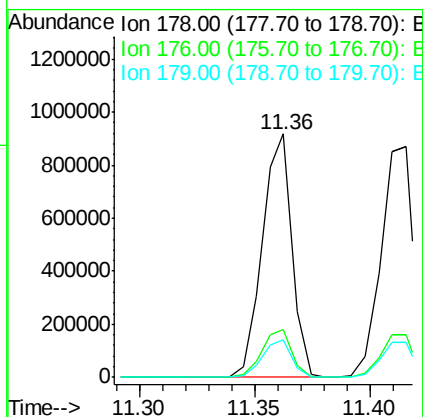
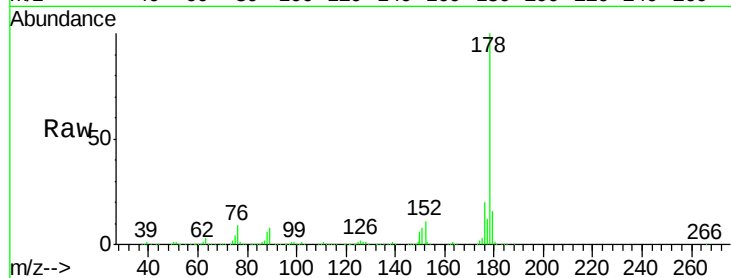
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6

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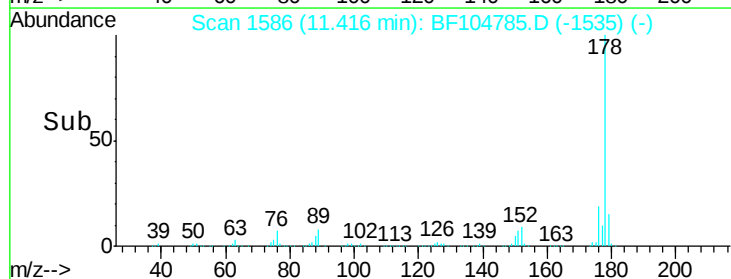
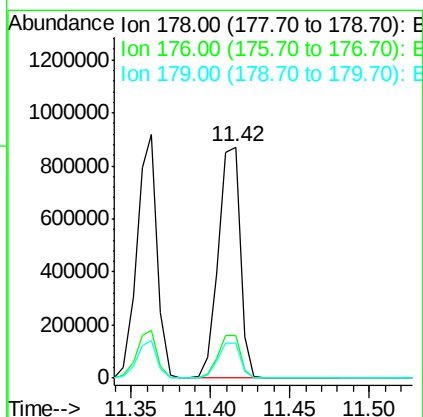
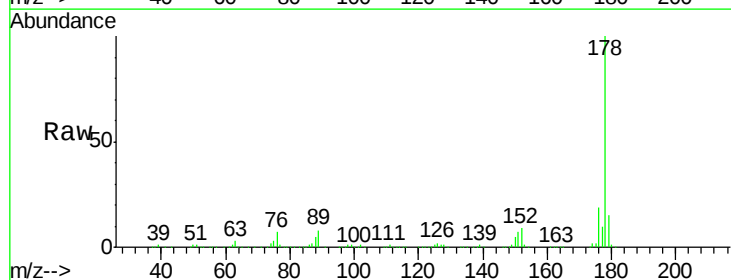
Sohil

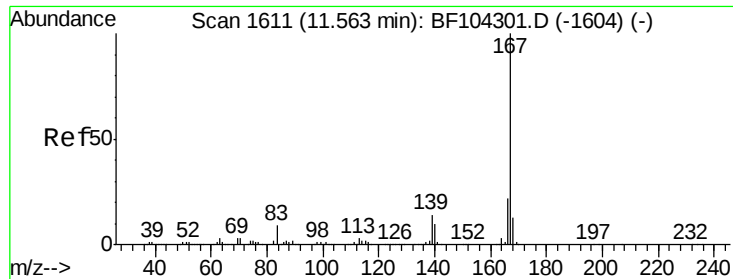
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#71
Anthracene
Concen: 27.699 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0





#72
 Carbazole
 Concen: 25.805 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

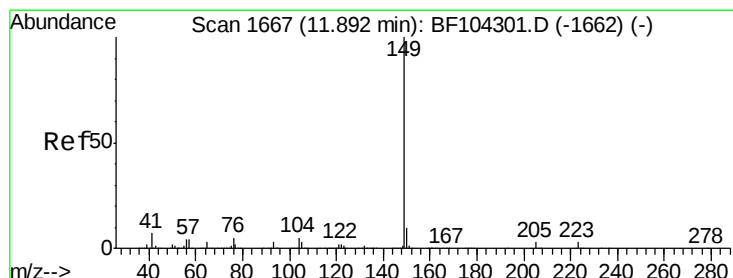
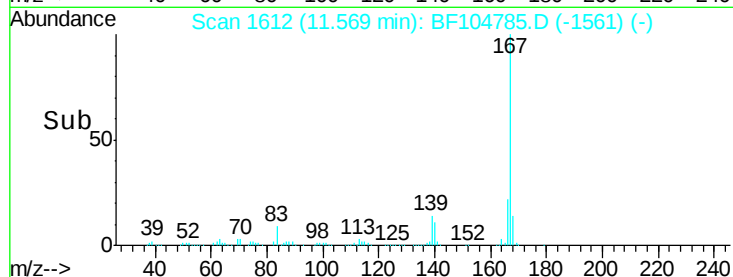
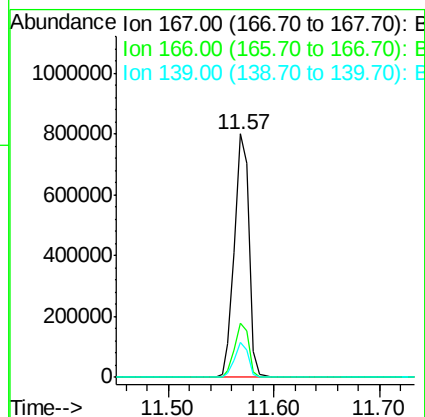
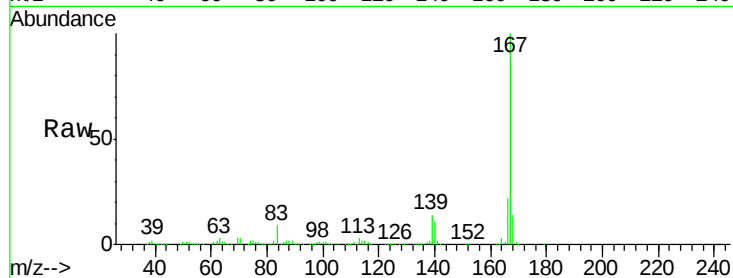
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.2	10.9	16.3

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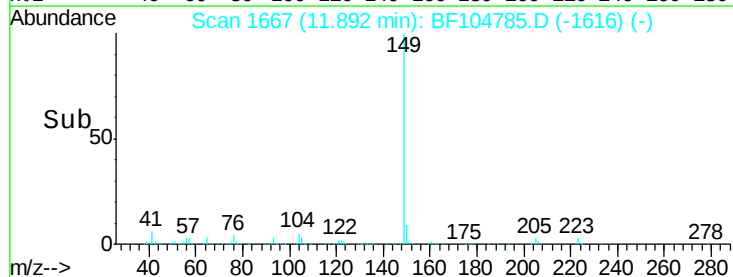
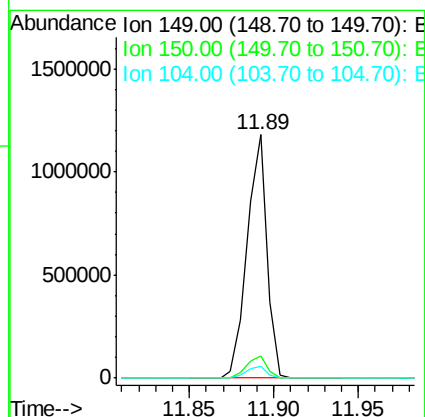
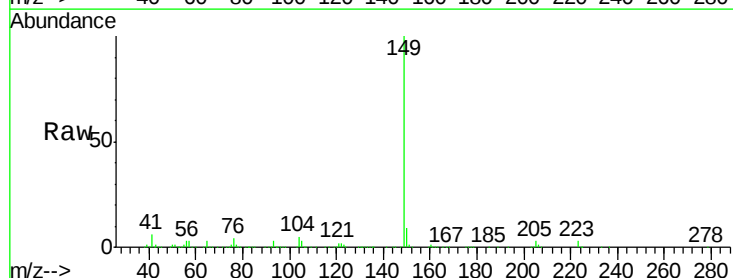
Sohil

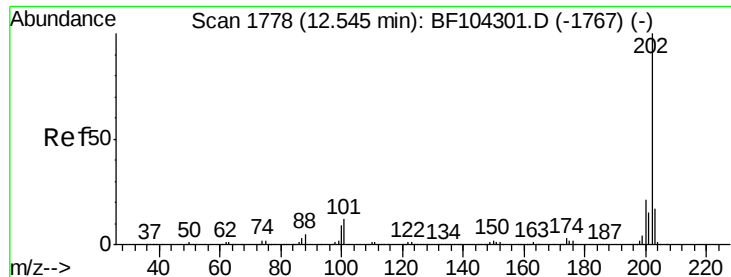
4/26/2018 6:09:12 PM



#73
 Di-n-butylphthalate
 Concen: 26.920 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8





#74

Fluoranthene

Concen: 25.019 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

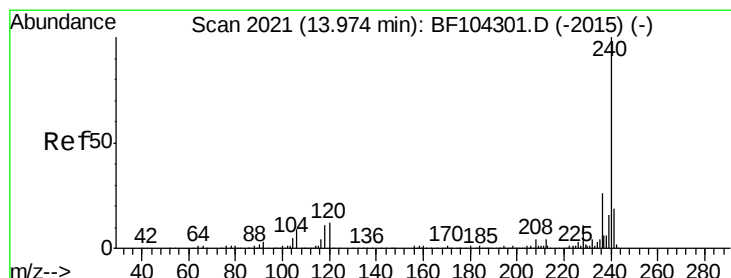
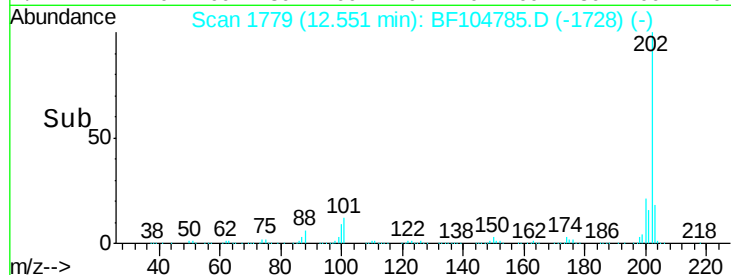
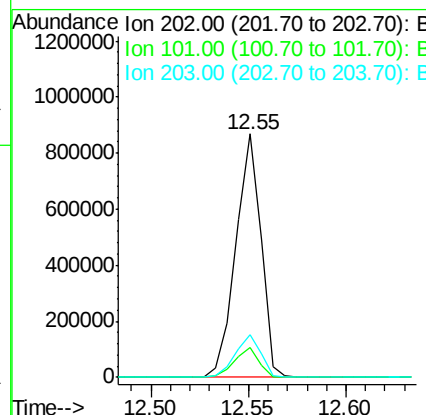
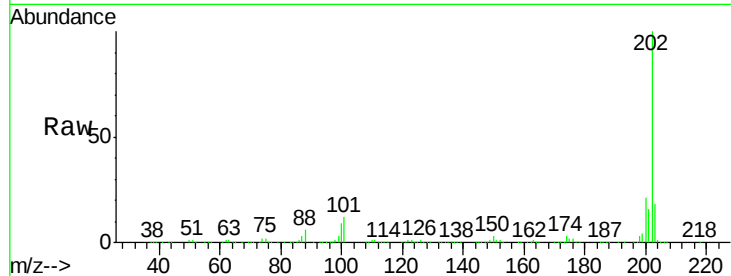
FK-GF-02-017-AMS

Tot Ion:	202	Resp:	776535
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.8	0.0	38.1

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Sohil

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#75

Chrysene-d12

Concen: 20.000 ng

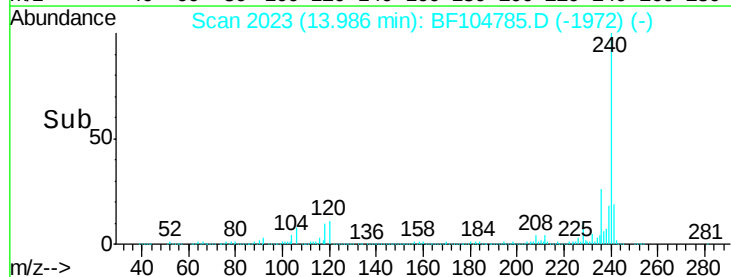
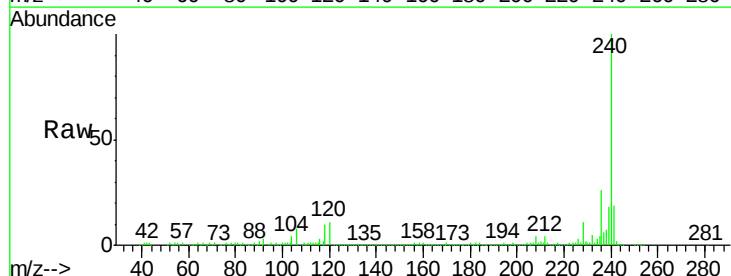
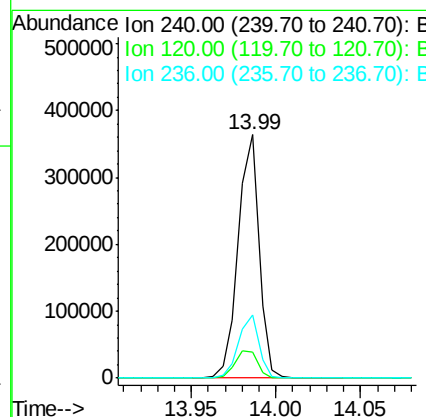
RT: 13.99 min Scan# 2023

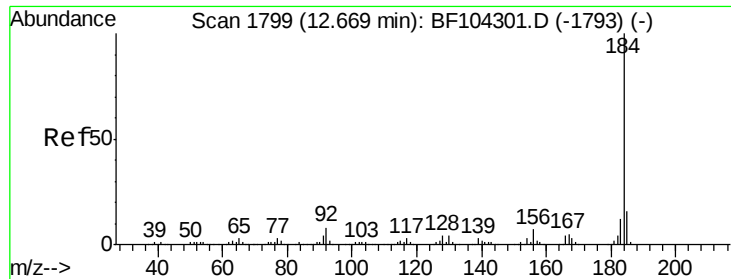
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	240	Resp:	313864
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	26.1	20.7	31.1





#76

Benzidine

Concen: 23.453 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

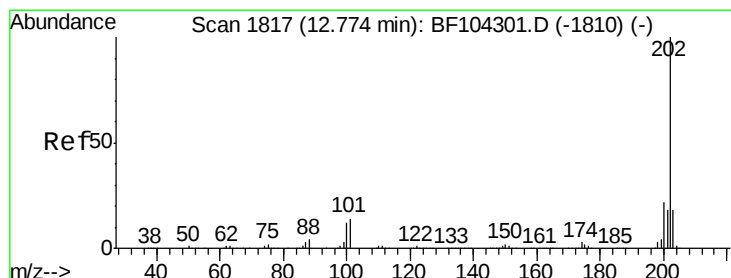
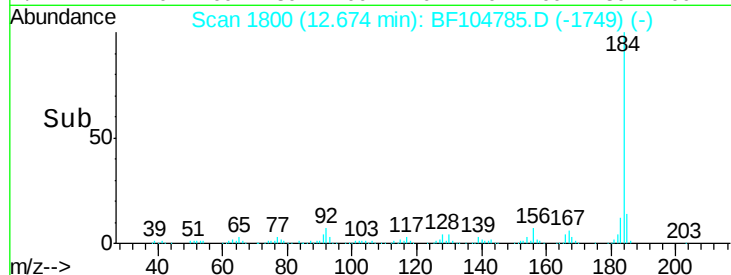
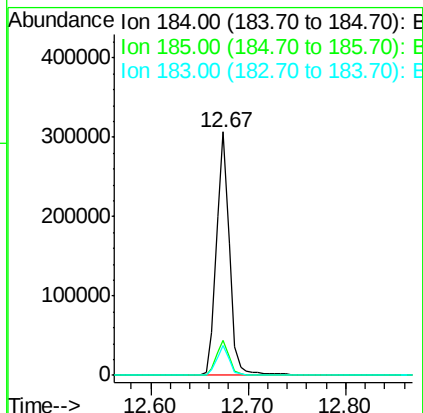
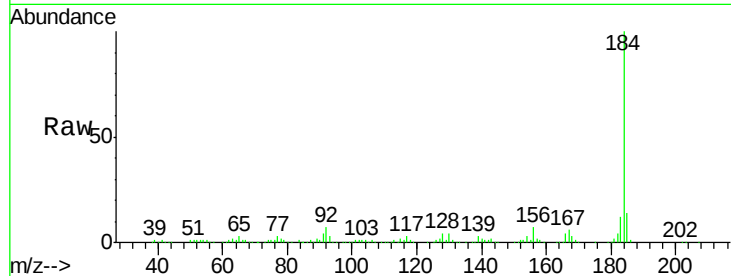
FK-GF-02-017-AMS

Tot Ion:	184	Resp:	285970
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.1	9.3	13.9

Manual Integrations
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Sohil

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#77

Pyrene

Concen: 32.679 ng

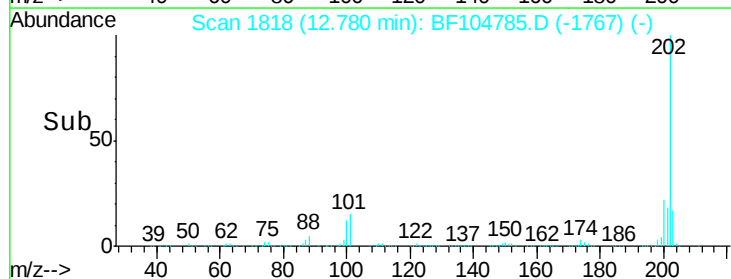
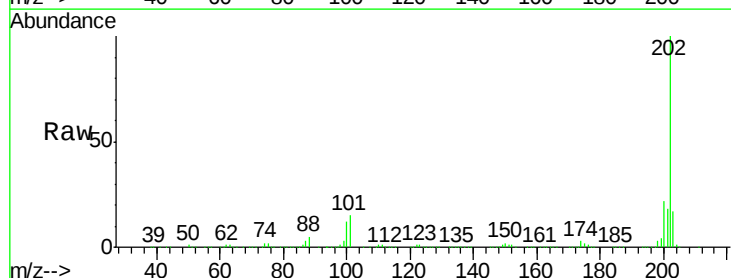
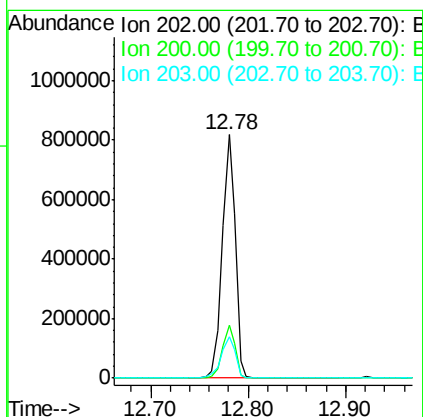
RT: 12.78 min Scan# 1818

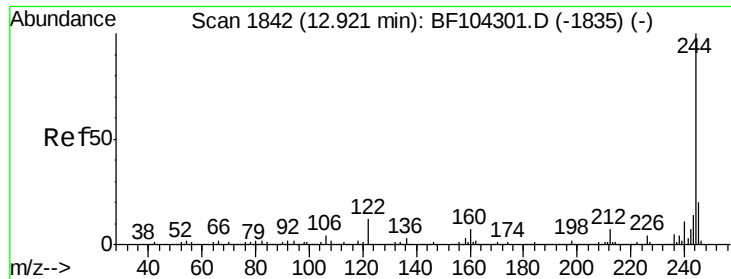
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	202	Resp:	760256
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.2	14.3	21.5





#78
 Terphenyl-d14
 Concen: 77.519 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

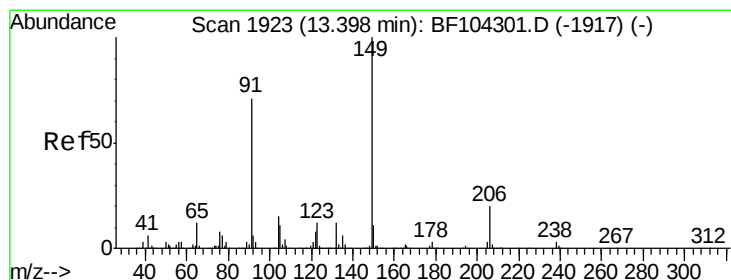
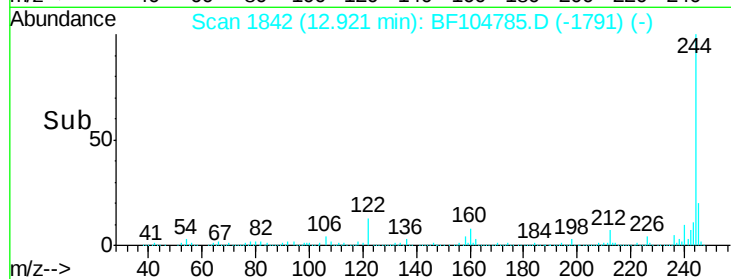
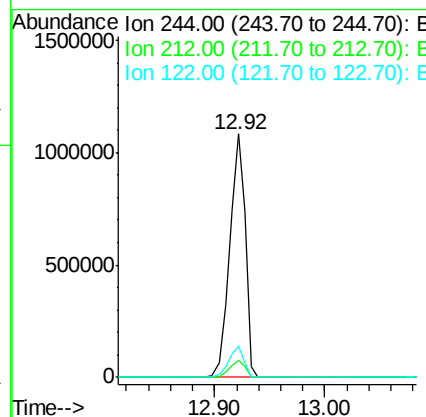
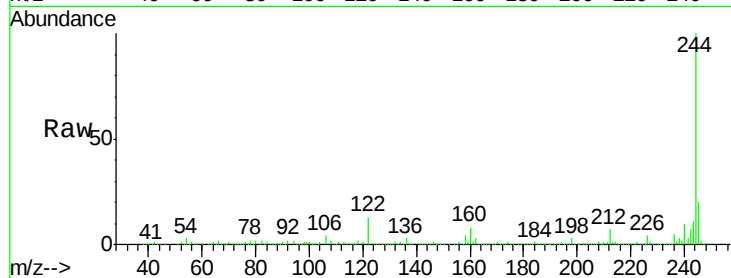
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	11.0	16.4

Manual Integrations
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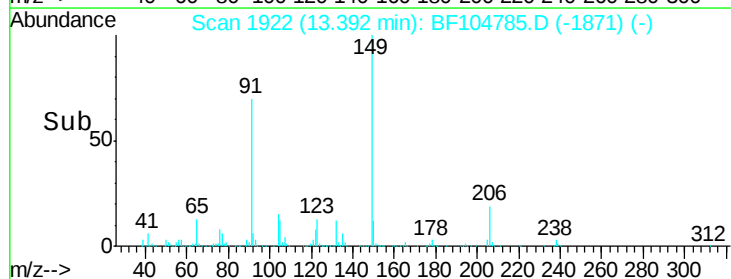
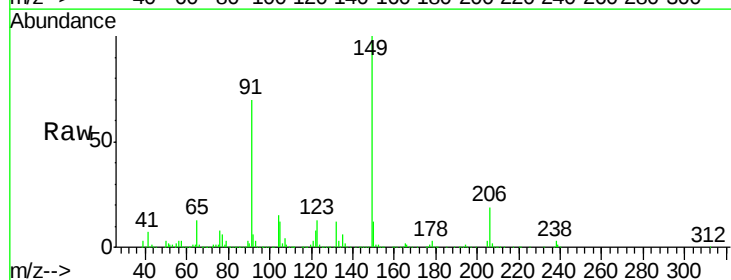
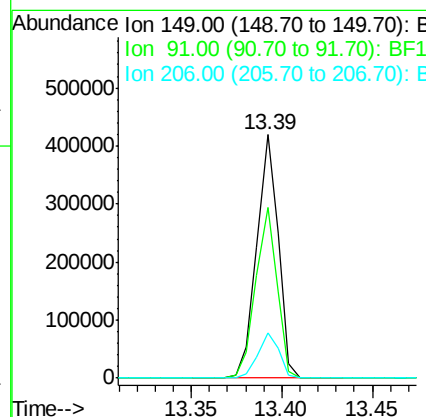
Sohil

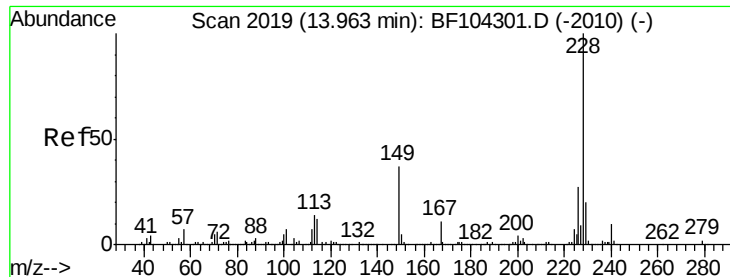
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#79
 Butylbenzylphthalate
 Concen: 31.548 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF104785.D
 Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	18.6	14.1	21.1





#80
Benzo(a)anthracene
Concen: 30.034 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

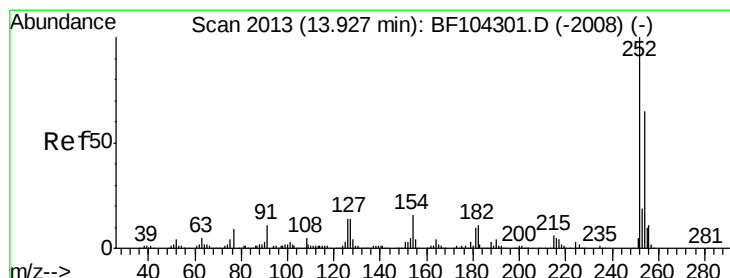
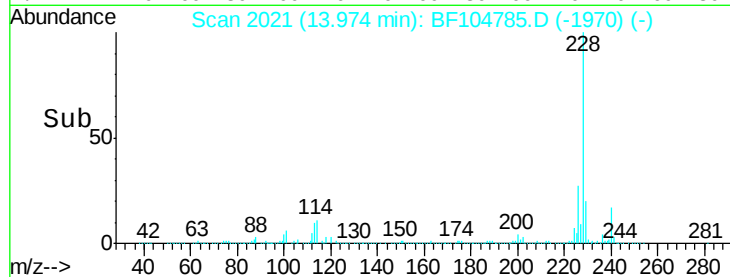
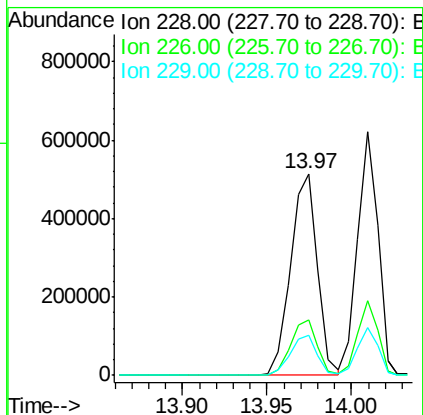
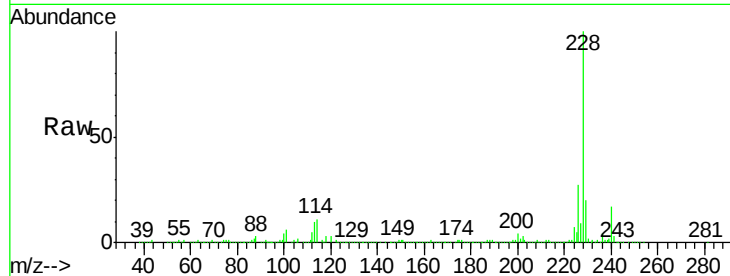
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	228	Resp:	563164
Ion Ratio		Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.9	15.8	23.6

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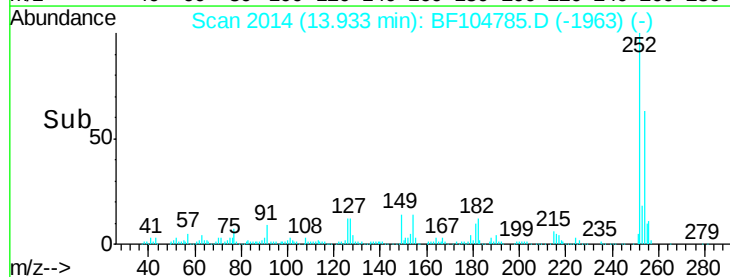
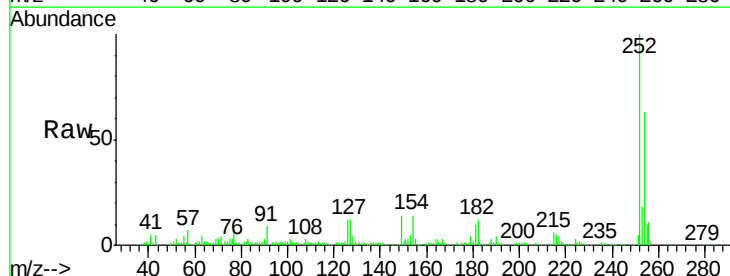
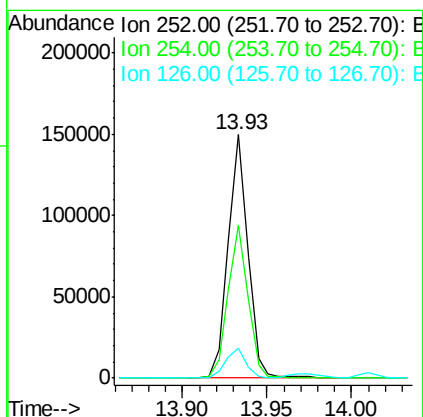
Sohil

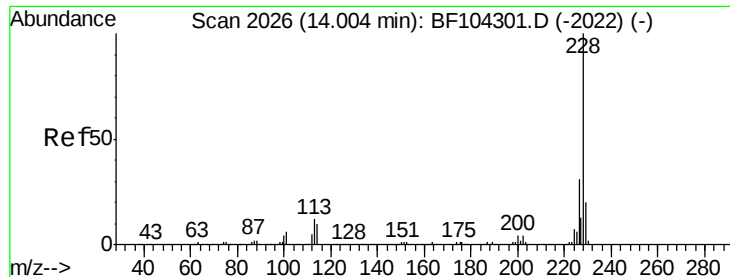
4/26/2018 6:09:12 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.502 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	252	Resp:	122357
Ion Ratio		Lower	Upper
252	100		
254	62.8	50.4	75.6
126	12.1	11.3	16.9





#82

Chrysene

Concen: 27.197 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

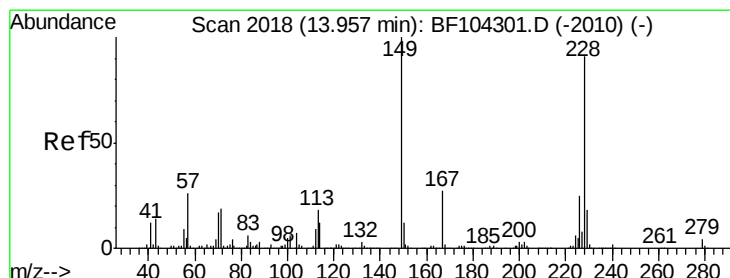
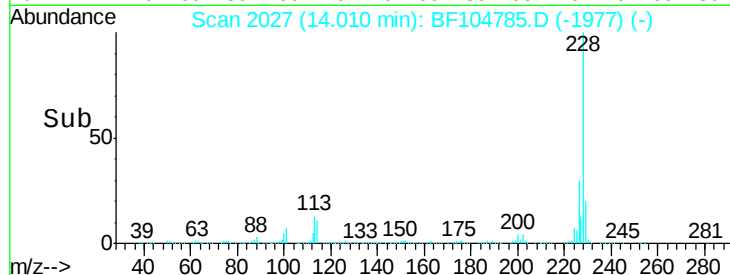
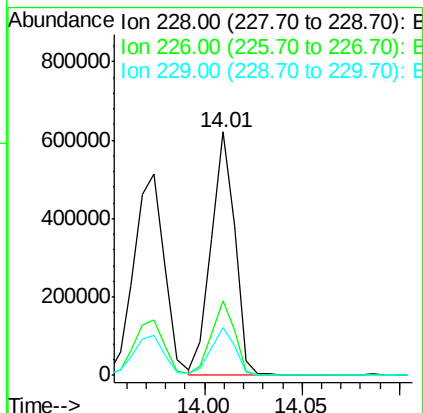
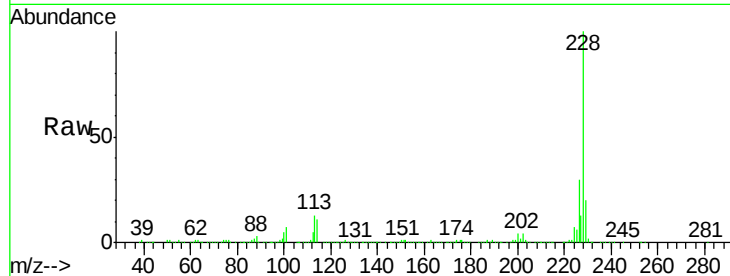
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Tot Ion:	228	Resp:	523798
Ion Ratio		Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.6	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 32.581 ng

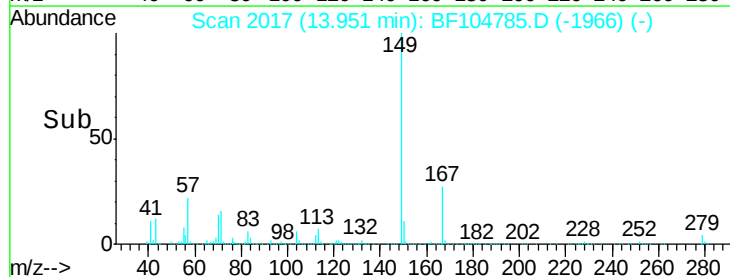
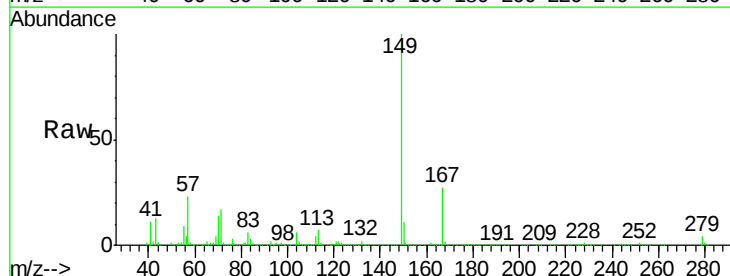
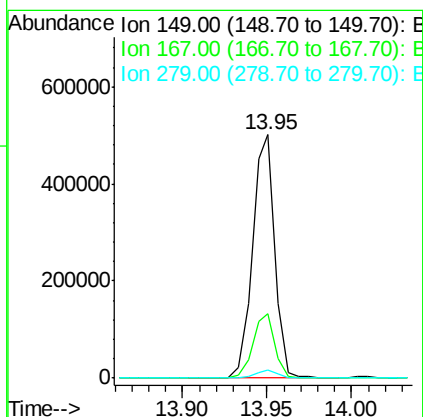
RT: 13.95 min Scan# 2017

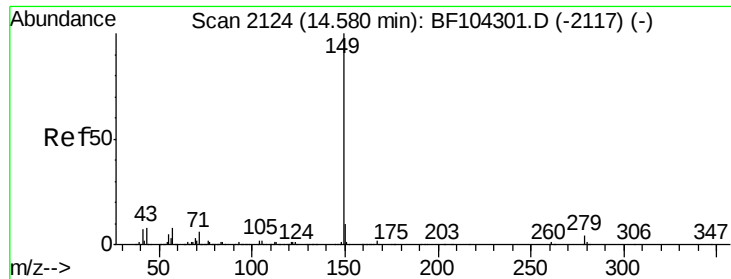
Delta R.T. -0.00 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	149	Resp:	459323
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.6	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 29.268 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

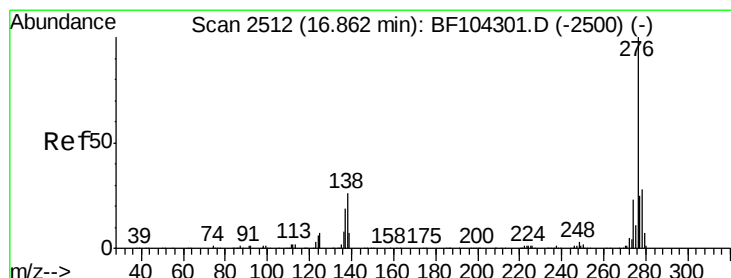
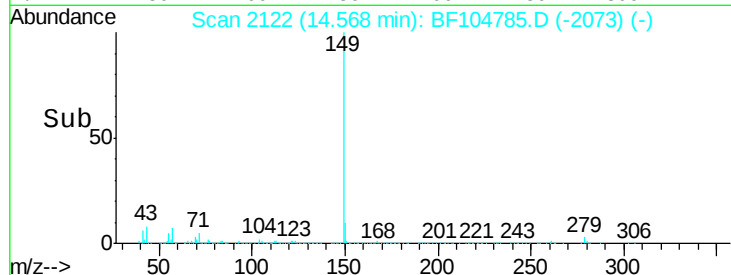
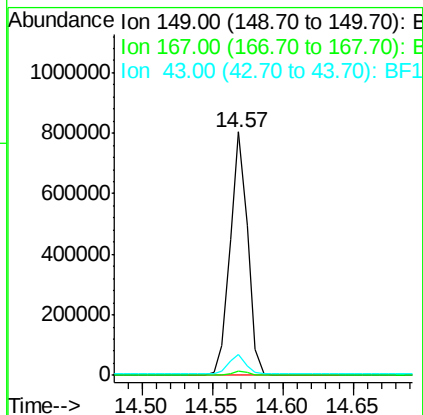
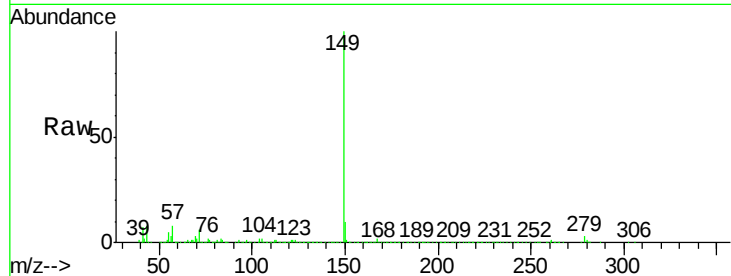
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Tot Ion:	149	Resp:	689437
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.8	8.4	12.6#

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Sohil

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#85

Indeno(1,2,3-cd)pyrene

Concen: 33.691 ng

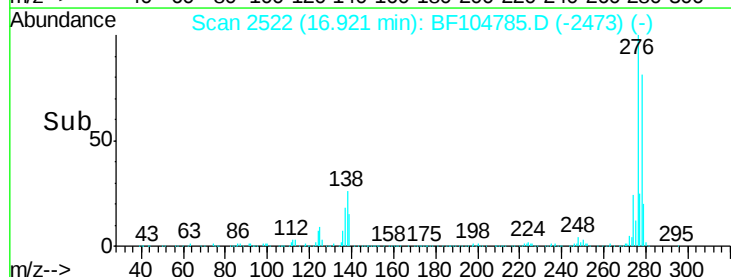
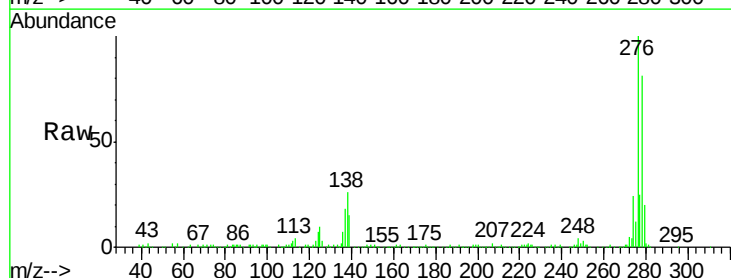
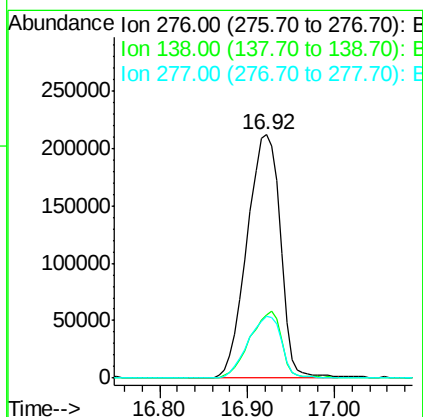
RT: 16.92 min Scan# 2522

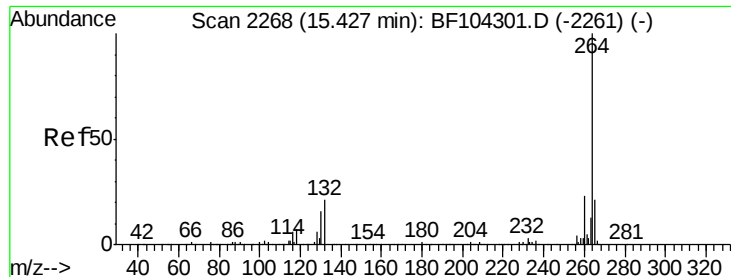
Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	276	Resp:	551207
Ion Ratio	Lower	Upper	
276	100		
138	26.5	25.0	37.6
277	25.9	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

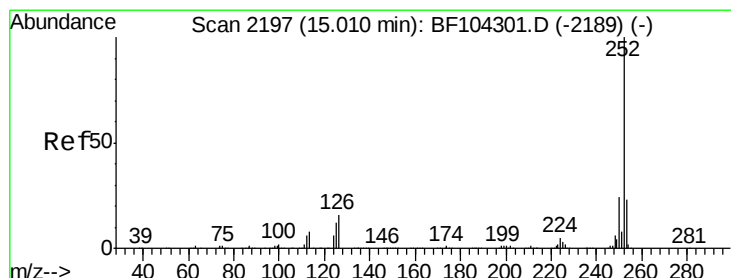
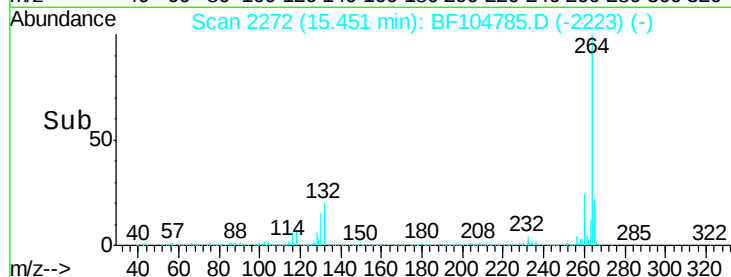
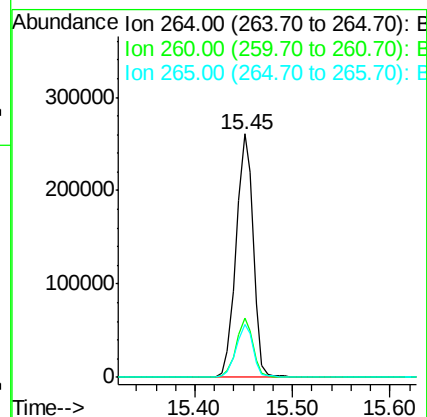
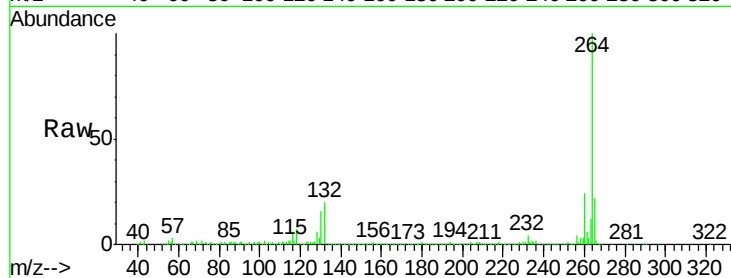
FK-GF-02-017-AMS

Tot Ion:	264	Resp:	319501
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 26.674 ng

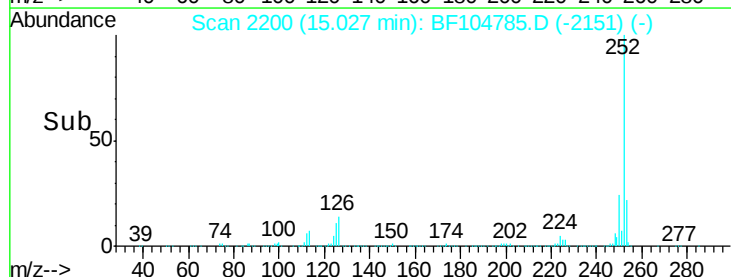
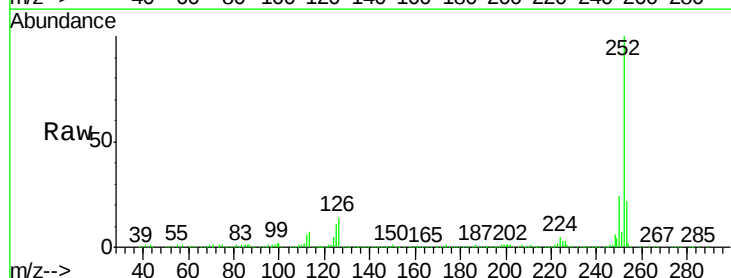
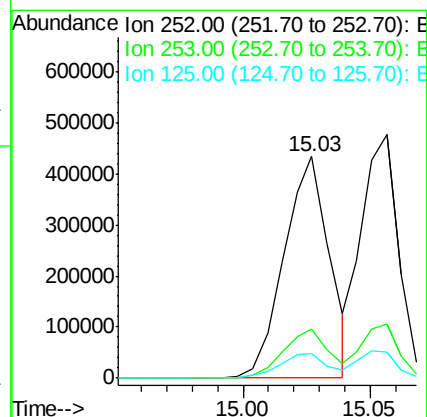
RT: 15.03 min Scan# 2200

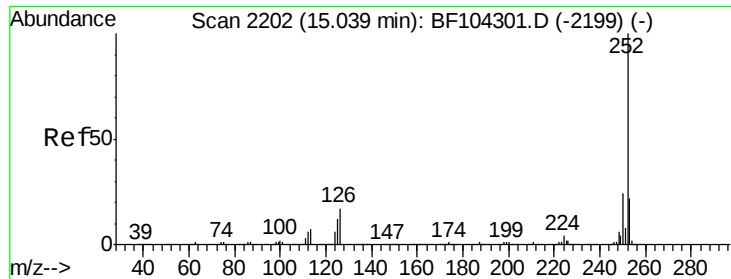
Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion:	252	Resp:	538259
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.1	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 25.517 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Instrument :

BNA_F

ClientSampleId :

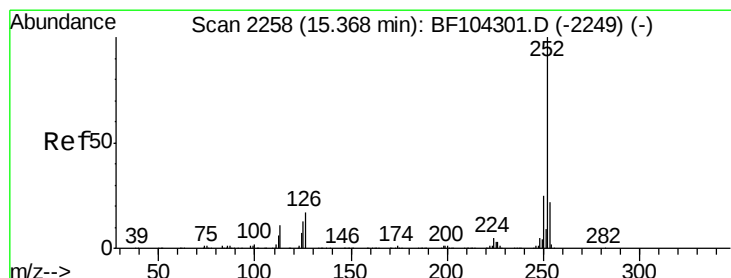
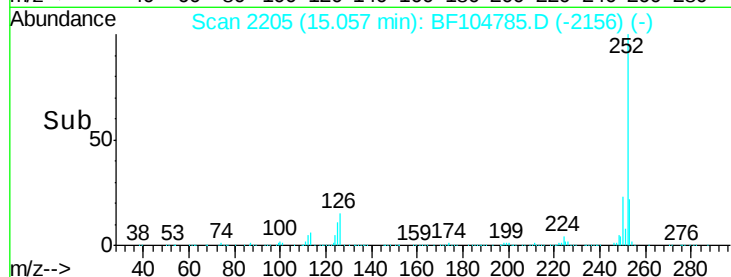
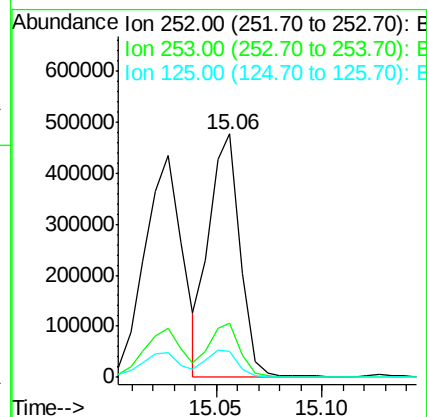
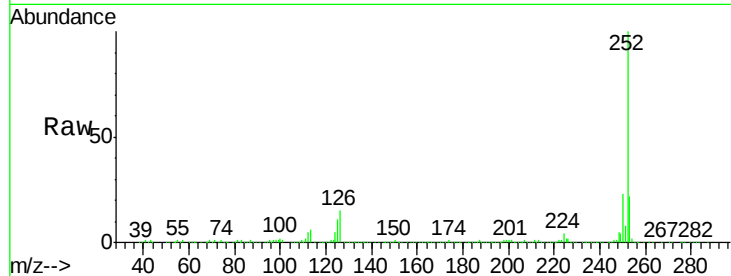
FK-GF-02-017-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2

Manual Integrations
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Sohil

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#89

Benzo(a)pyrene

Concen: 28.067 ng

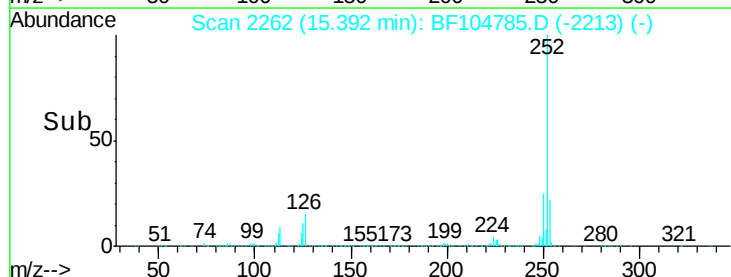
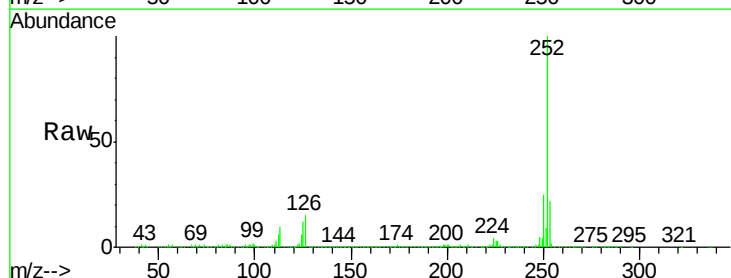
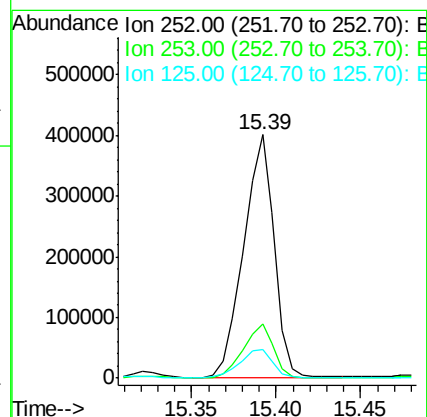
RT: 15.39 min Scan# 2262

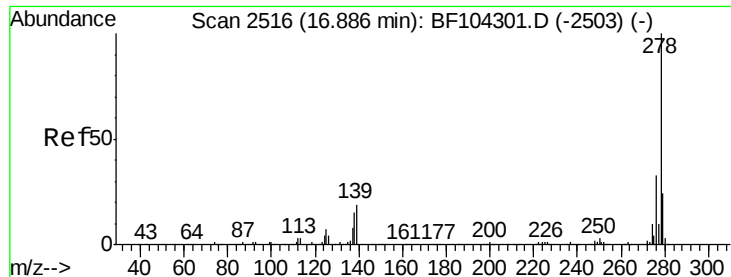
Delta R.T. -0.01 min

Lab File: BF104785.D

Acq: 25 Apr 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.6	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 30.703 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

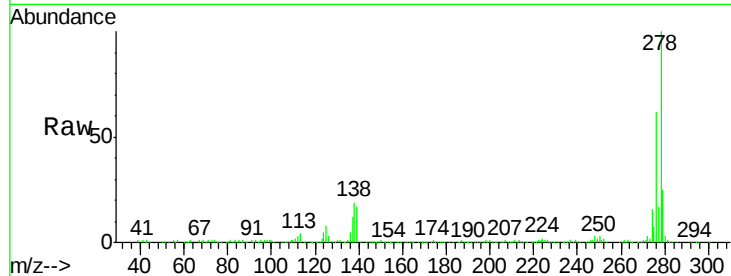
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-AMS

Tot Ion:	278	Resp:	455286
Ion Ratio	Lower	Upper	
278	100		
139	16.7	15.9	23.9
279	24.9	19.0	28.4

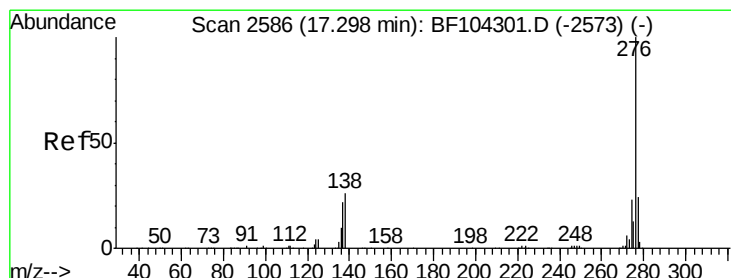
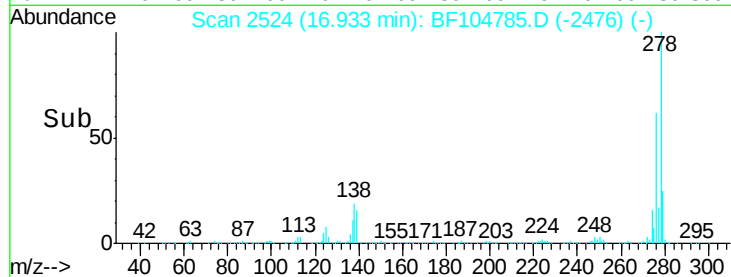
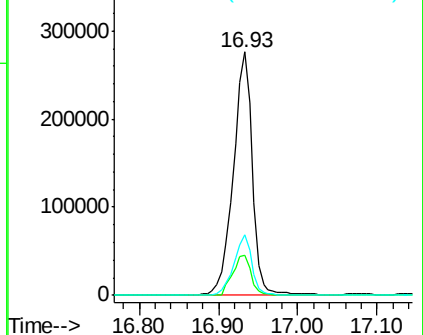
Manual Integrations
APPROVED

Sohil

4/26/2018 6:09:12 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 31.065 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BF104785.D
Acq: 25 Apr 2018 13:38

Tgt Ion:	276	Resp:	446294
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.9	26.9
138	21.4	21.8	32.8#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

