

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109792.D
 Acq On : 11 Oct 2018 17:43
 Operator : JU/SJ
 Sample : J5394-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Manual Integrations
 APPROVED

Sohil

10/12/2018 11:01:22 AM

Quant Time: Oct 12 07:01:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96846	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	373079	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	162193	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	255390	20.00	ng	0.00
75) Chrysene-d12	13.83	240	216044	20.00	ng	0.00
86) Perylene-d12	15.23	264	256383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	724001	132.70	ng	0.00
7) Phenol-d6	6.36	99	944809	129.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	642311	94.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	203523	115.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1040215	88.33	ng	0.00
78) Terphenyl-d14	12.78	244	756134	67.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	85039	29.698	ng	97
3) Pyridine	3.14	79	209384	35.443	ng	98
4) n-Nitrosodimethylamine	3.06	42	102498	48.069	ng	99
6) Aniline	6.37	93	175131	20.627	ng	# 1
8) 2-Chlorophenol	6.49	128	274696	40.937	ng	93
9) Benzaldehyde	6.25	77	126647	27.002	ng	97
10) Phenol	6.37	94	328307	39.282	ng	# 77
11) bis(2-Chloroethyl)ether	6.44	93	245076	35.370	ng	99
12) 1,3-Dichlorobenzene	6.64	146	288715	37.619	ng	98
13) 1,4-Dichlorobenzene	6.72	146	318555	38.078	ng	99
14) 1,2-Dichlorobenzene	6.87	146	286794	39.035	ng	99
15) Benzyl Alcohol	6.85	79	223326	41.330	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	355734	38.719	ng	91
17) 2-Methylphenol	6.97	107	211240	39.809	ng	98
18) Hexachloroethane	7.20	117	112080	37.902	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	199582	39.047	ng	99
20) 3+4-Methylphenols	7.12	107	261356	39.971	ng	91
22) Acetophenone	7.11	105	404495	44.835	ng	# 99
24) Nitrobenzene	7.28	77	293888	41.730	ng	98
25) Isophorone	7.52	82	537752	47.848	ng	98
26) 2-Nitrophenol	7.60	139	142162	43.156	ng	99
27) 2,4-Dimethylphenol	7.65	122	242203	50.916	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	335382	44.118	ng	100
29) 2,4-Dichlorophenol	7.85	162	227375	42.614	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	241363	40.863	ng	99
31) Naphthalene	8.00	128	791809	45.892	ng	99
33) 4-Chloroaniline	8.06	127	87177	11.474	ng	95
34) Hexachlorobutadiene	8.12	225	144985	39.478	ng	99
35) Caprolactam	8.42	113	60517m	37.978	ng	
36) 4-Chloro-3-methylphenol	8.55	107	234035	41.553	ng	98
37) 2-Methylnaphthalene	8.69	142	503708	44.568	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	235049	42.573	ng	99
40) Hexachlorocyclopentadiene	8.85	237	150616	63.896	ng	99
42) 2,4,6-Trichlorophenol	8.97	196	138415	41.938	ng	100

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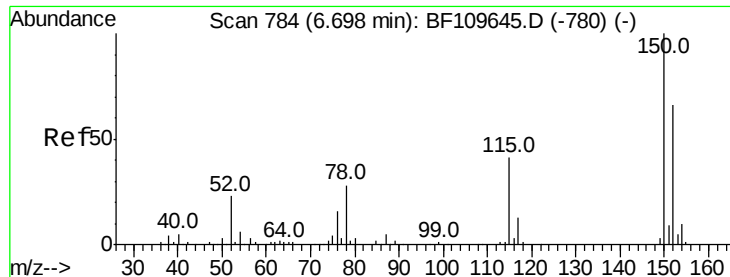
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	152215	40.111	nq	100
45) 1,1'-Biphenyl	9.15	154	609706	42.079	nq	98
46) 2-Chloronaphthalene	9.17	162	455672	41.976	nq	99
47) 2-Nitroaniline	9.28	65	143746	43.732	nq	92
48) Acenaphthylene	9.59	152	699255	44.185	nq	99
49) Dimethylphthalate	9.46	163	655065	55.069	nq	100
50) 2,6-Dinitrotoluene	9.52	165	112850	43.766	nq	93
51) Acenaphthene	9.76	154	390372	41.611	nq	100
52) 3-Nitroaniline	9.69	138	82458	28.528	nq	95
53) 2,4-Dinitrophenol	9.82	184	8967	10.779	nq	# 48
54) Dibenzofuran	9.93	168	583543	41.496	nq	98
55) 4-Nitrophenol	9.87	139	96822	61.198	nq	95
56) 2,4-Dinitrotoluene	9.92	165	132927	41.309	nq	94
57) Fluorene	10.27	166	449556	42.808	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	116971	37.918	nq	98
59) Diethylphthalate	10.15	149	508010	43.103	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	216103	39.006	nq	99
61) 4-Nitroaniline	10.30	138	96095	35.899	nq	94
62) Azobenzene	10.42	77	489760	40.921	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	31530	25.365	nq	89
65) n-Nitrosodiphenylamine	10.39	169	412518	47.647	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	130045	44.316	nq	96
67) Hexachlorobenzene	10.82	284	129948	40.895	nq	97
68) Atrazine	10.91	200	123524	45.717	nq	97
69) Pentachlorophenol	11.02	266	100779	56.363	nq	99
70) Phenanthrene	11.23	178	575818	45.054	nq	100
71) Anthracene	11.28	178	612170	46.335	nq	99
72) Carbazole	11.44	167	506182	39.503	nq	100
73) Di-n-butylphthalate	11.76	149	642512	43.232	nq	99
74) Fluoranthene	12.41	202	592187	44.353	nq	98
76) Benzidine	12.54	184	255807	31.874	nq	97
77) Pyrene	12.63	202	589334	37.232	nq	100
79) Butylbenzylphthalate	13.25	149	252989	36.865	nq	95
80) Benzo(a)anthracene	13.82	228	540558	45.341	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	146248	30.465	nq	98
82) Chrysene	13.86	228	553470	44.197	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	348067	41.572	nq	98
84) Di-n-octyl phthalate	14.42	149	674678	50.980	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.59	276	535846	59.782	nq	100
87) Benzo(b)fluoranthene	14.84	252	591154	41.724	nq	97
88) Benzo(k)fluoranthene	14.86	252	565991	39.759	nq	99
89) Benzo(a)pyrene	15.17	252	579501	45.072	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	439494	41.621	nq	98
91) Benzo(g,h,i)perylene	16.99	276	408666	38.756	nq	98

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

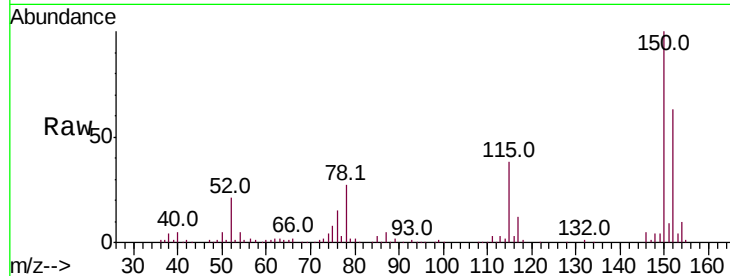
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	60.5	49.1	73.7

Manual Integrations
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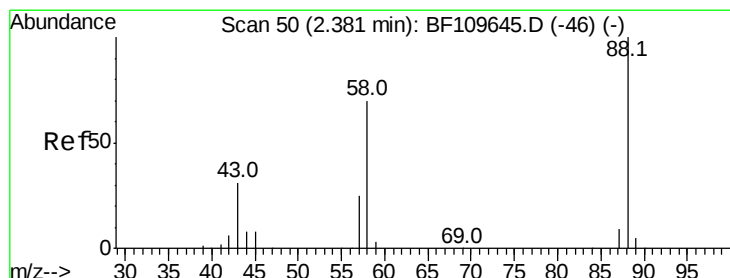
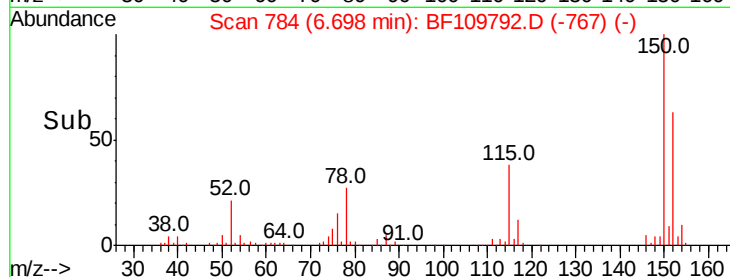
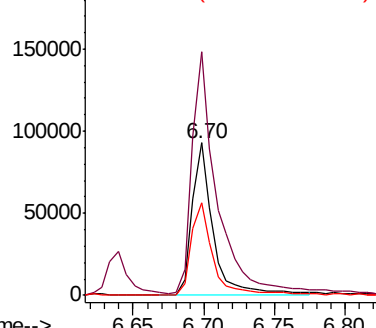


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

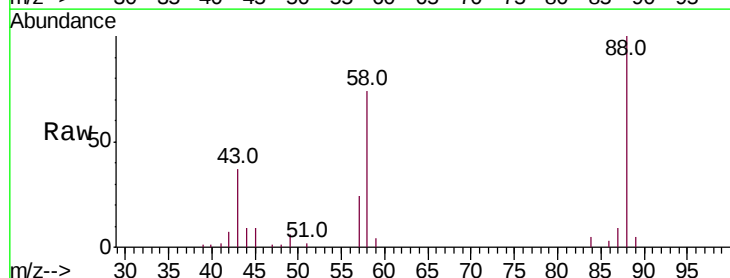
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.698 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	57.1	85.7
43	33.2	24.1	36.1

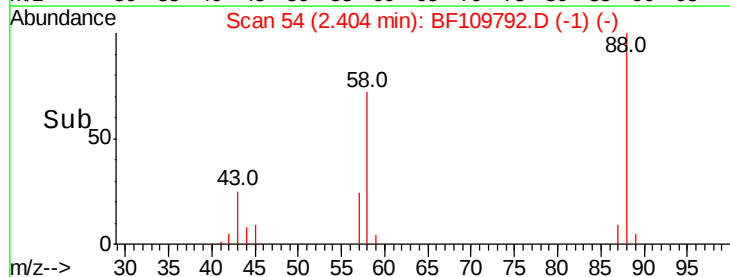
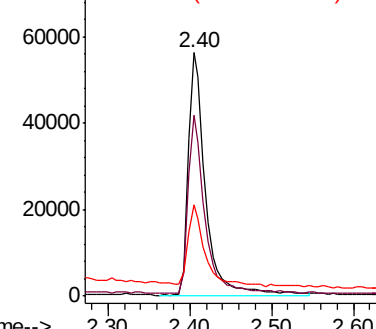


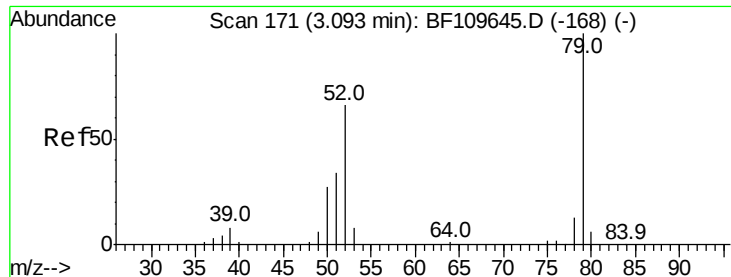
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 35.443 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.05 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

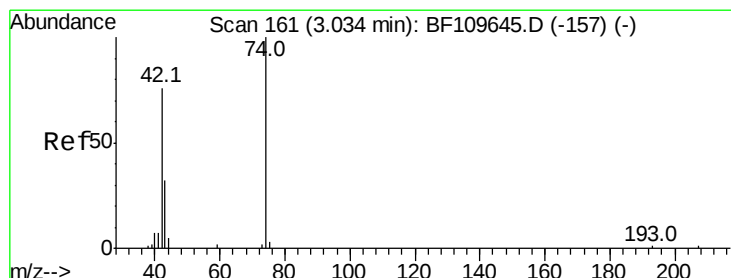
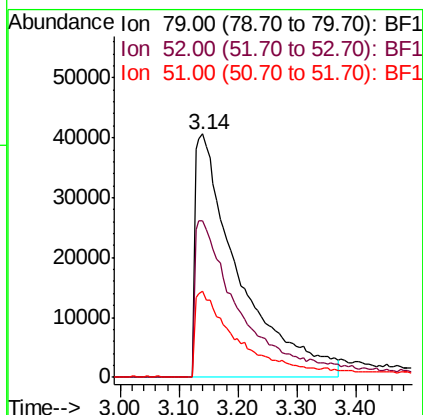
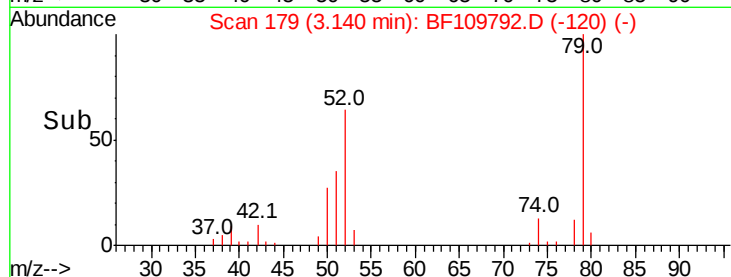
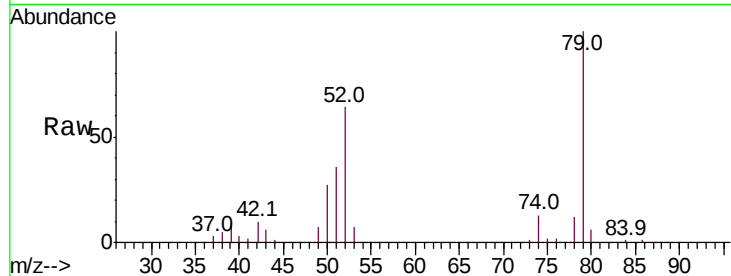
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	53.1	79.7
51	35.6	27.4	41.2

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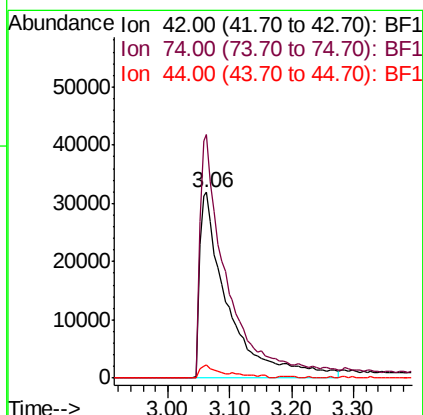
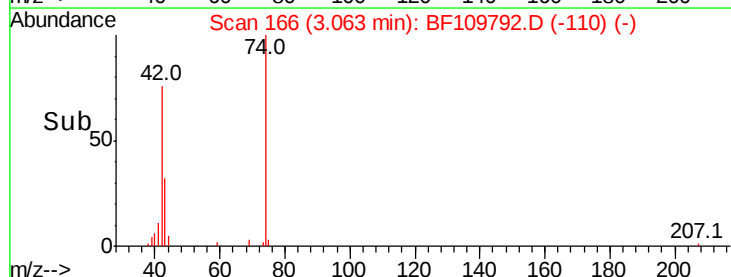
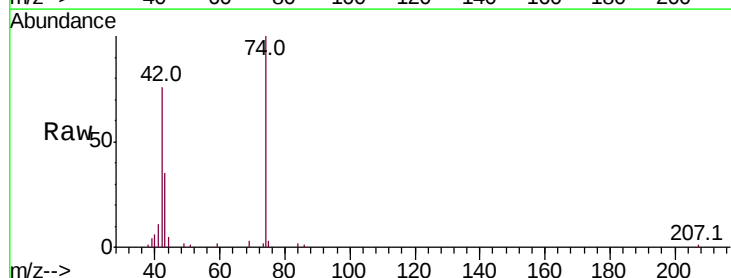
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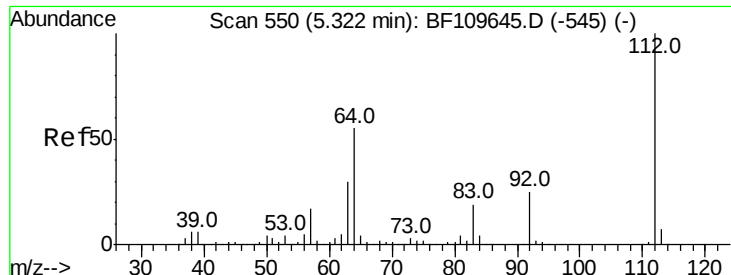
10/12/2018 11:01:22 AM



#4
 n-Nitrosodimethylamine
 Concen: 48.069 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.03 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 132.698 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

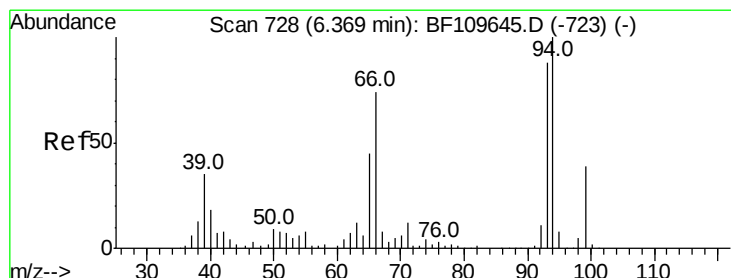
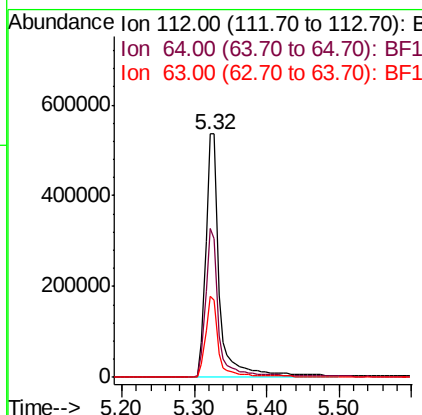
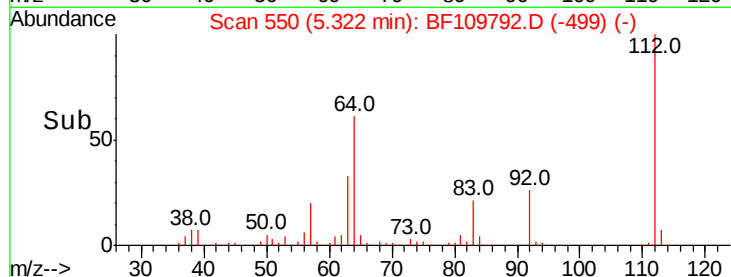
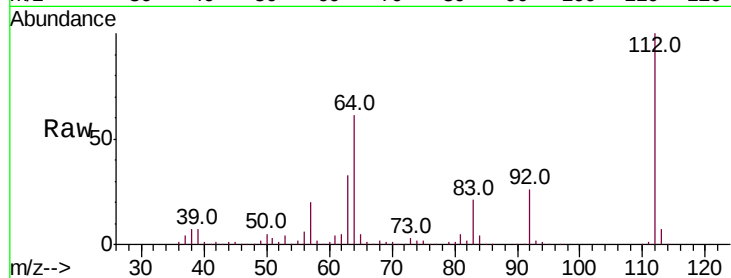
FK-GF-02-027-AMSD

Tot Ion:	112	Resp:	724001
Ion Ratio	Lower	Upper	
112	100		
64	61.1	44.1	66.1
63	33.3	23.7	35.5

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#6

Aniline

Concen: 20.627 ng

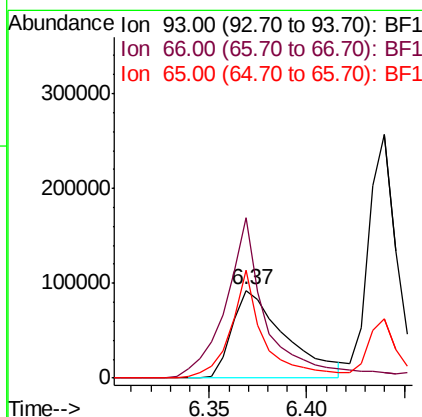
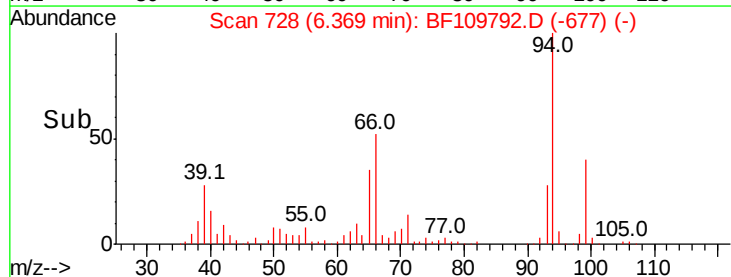
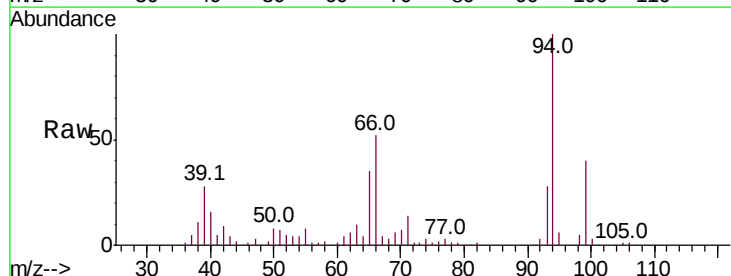
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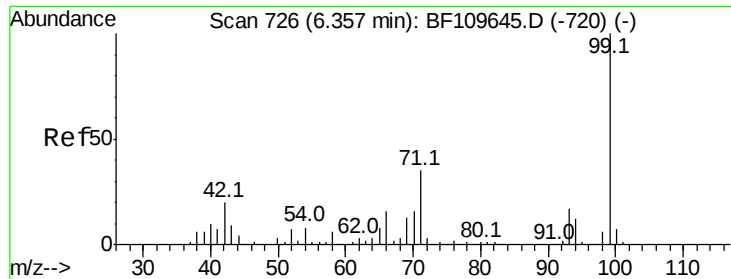
Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	93	Resp:	175131
Ion Ratio	Lower	Upper	
93	100		
66	182.3	67.4	101.0#
65	122.6	41.0	61.4#





#7

Phenol-d6

Concen: 129.628 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

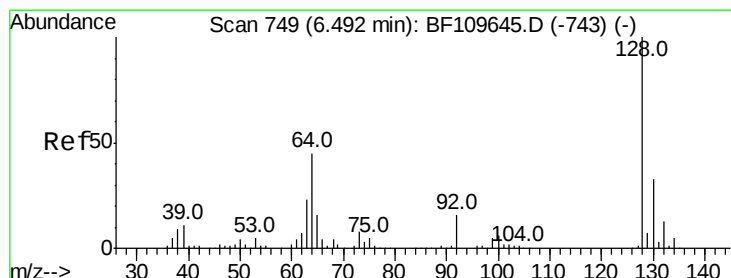
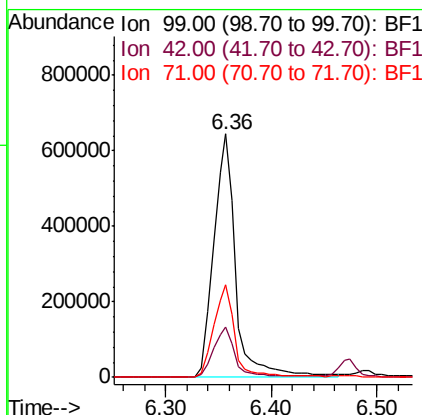
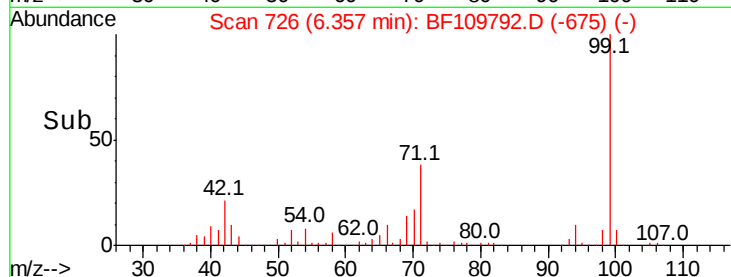
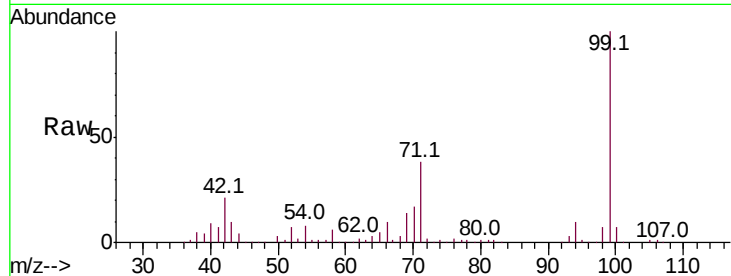
FK-GF-02-027-AMSD

Tot Ion:	99	Resp:	944809
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.8	23.6
71	37.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 40.937 ng

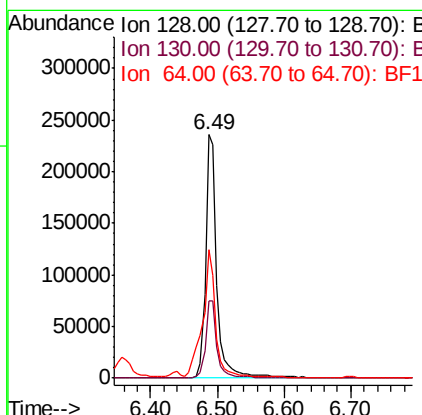
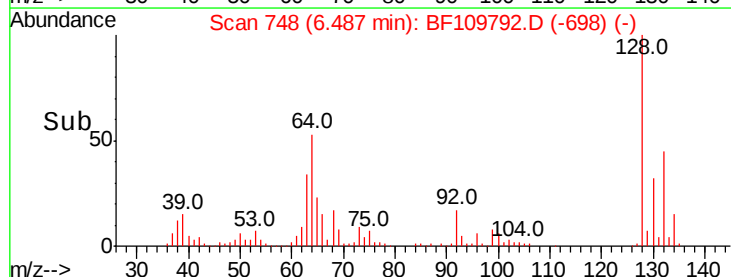
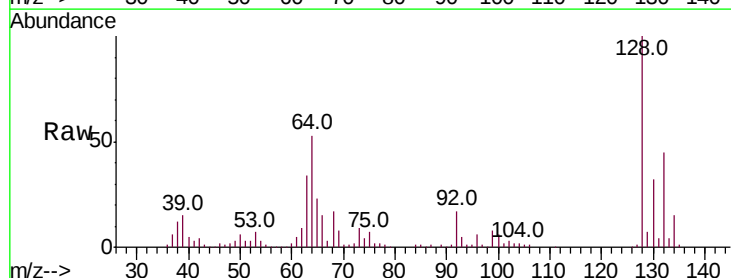
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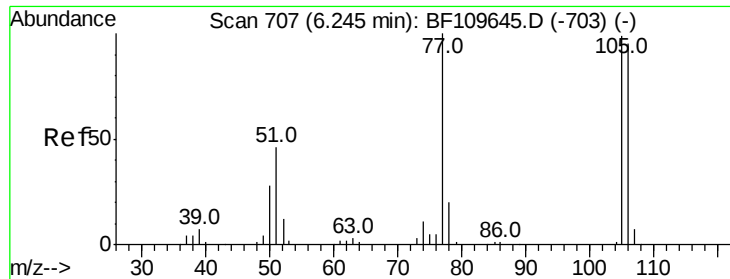
Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	128	Resp:	274696
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	52.7	26.0	66.0





#9

Benzaldehyde

Concen: 27.002 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleID :

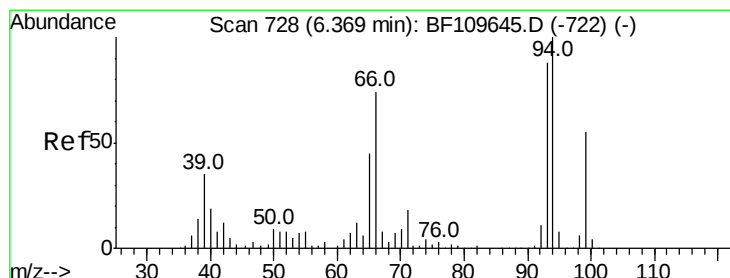
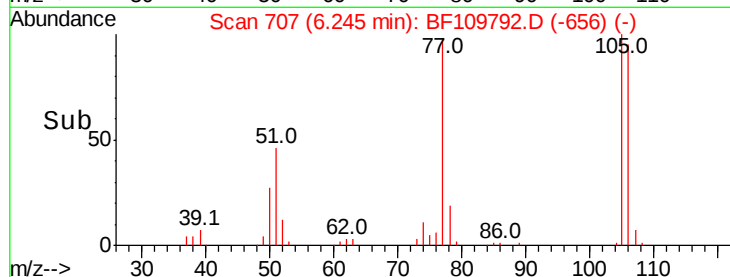
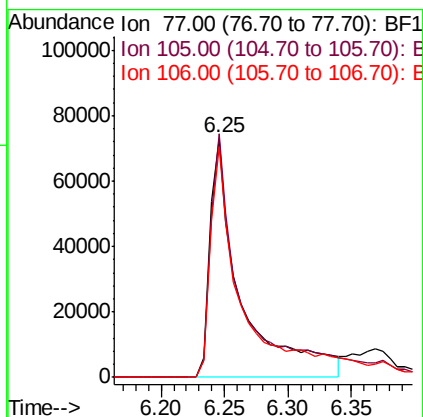
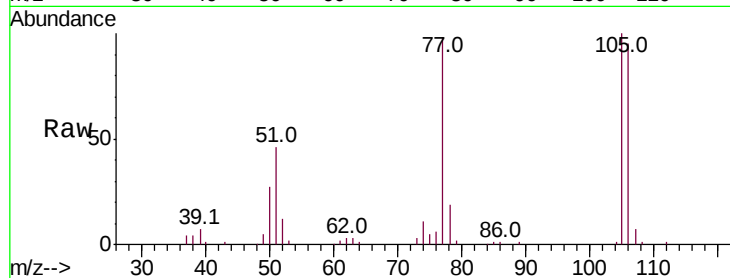
FK-GF-02-027-AMSD

Tot Ion:	77	Resp:	126647
Ion	Ratio	Lower	Upper
77	100		
105	101.9	78.6	118.6
106	96.7	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 39.282 ng

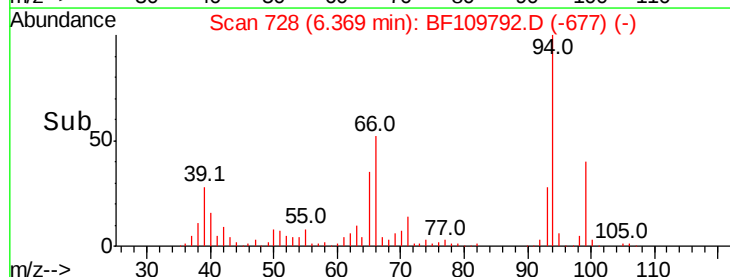
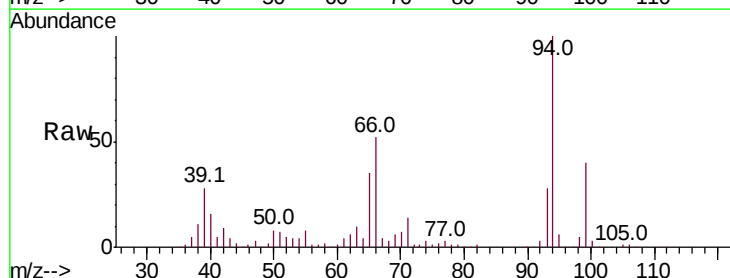
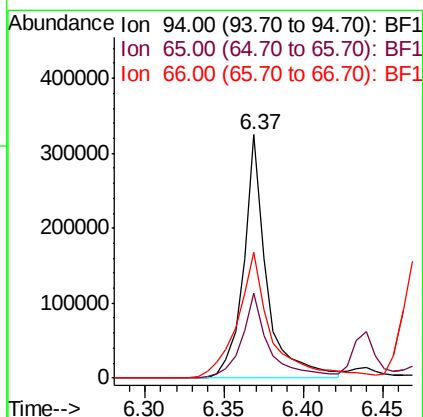
RT: 6.37 min Scan# 728

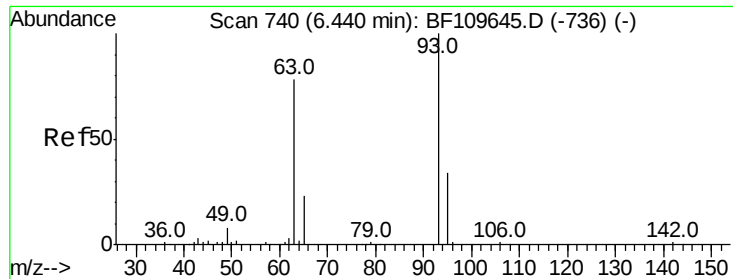
Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	94	Resp:	328307
Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.3	65.3
66	51.9	54.5	94.5#





#11
bis(2-Chloroethyl)ether
Concen: 35.370 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

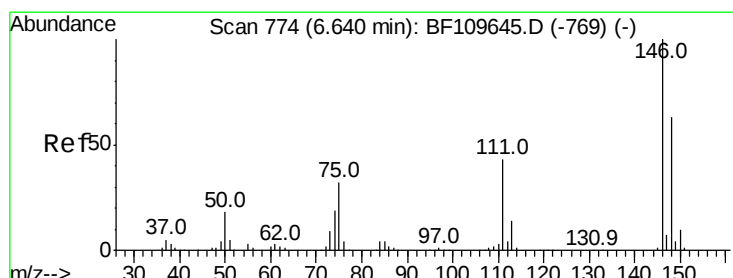
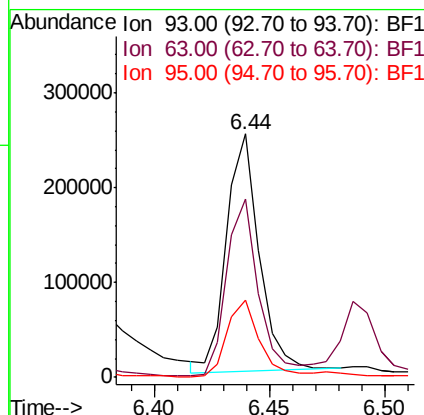
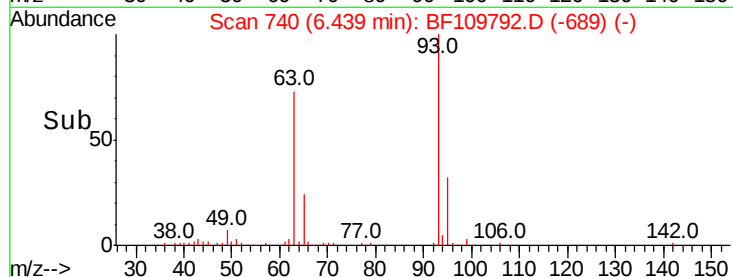
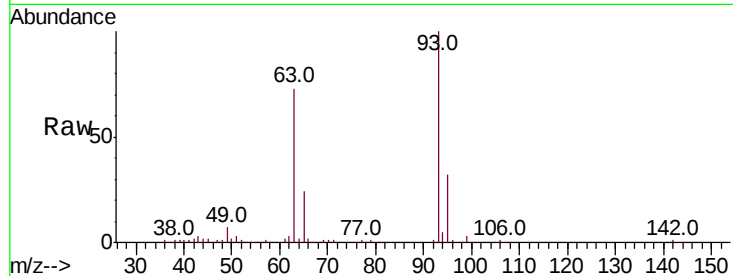
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion:	93	Resp:	245076
Ion Ratio	Lower	Upper	
93	100		
63	73.0	53.4	93.4
95	31.7	12.1	52.1

Manual Integrations
APPROVED

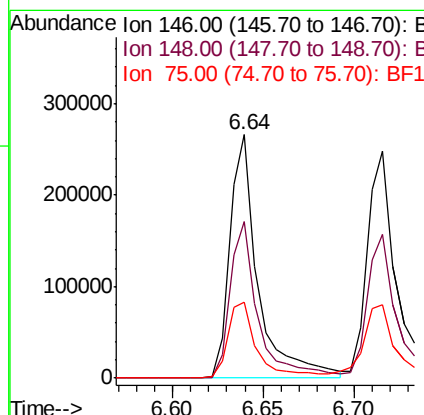
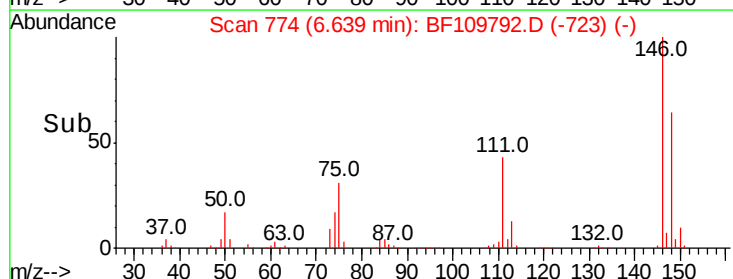
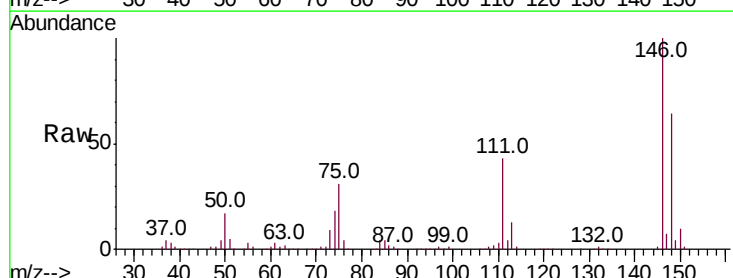
Sohil

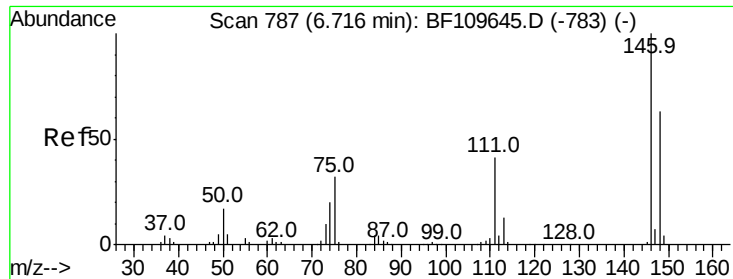
10/12/2018 11:01:22 AM



#12
1,3-Dichlorobenzene
Concen: 37.619 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion:	146	Resp:	288715
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.4	75.6
75	31.3	25.8	38.6





#13
 1,4-Dichlorobenzene
 Concen: 38.078 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

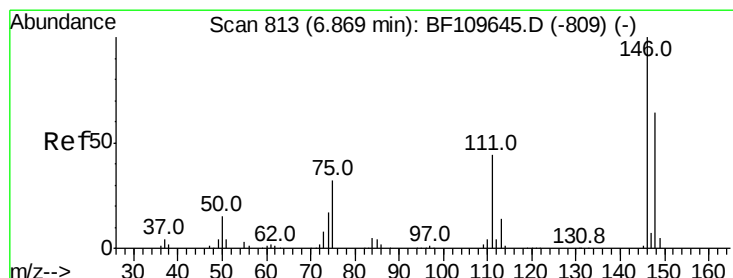
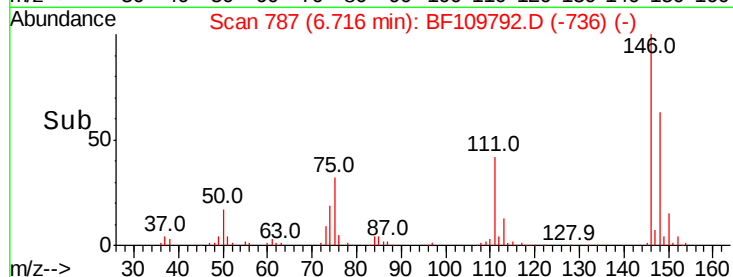
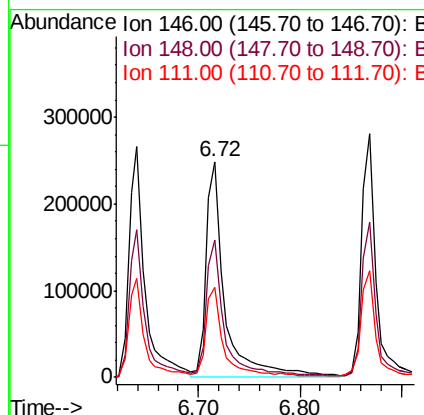
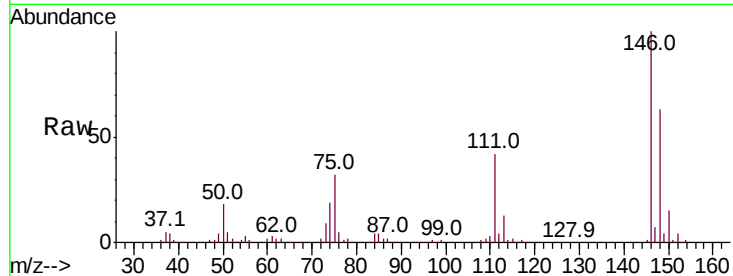
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	41.7	32.7	49.1

Manual Integrations
 APPROVED

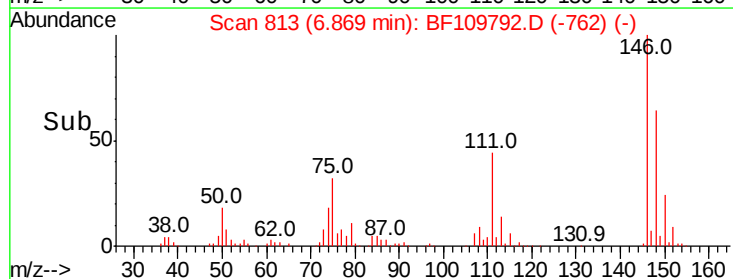
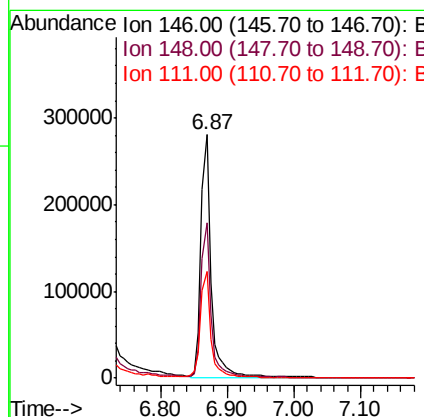
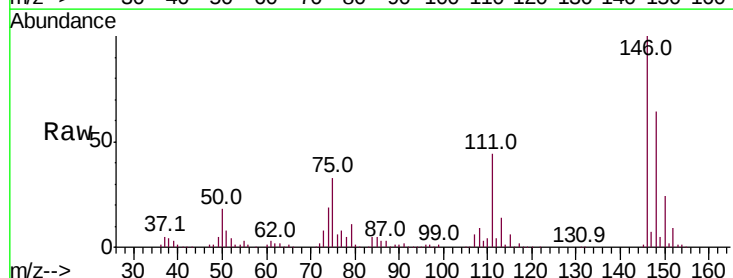
Sohil

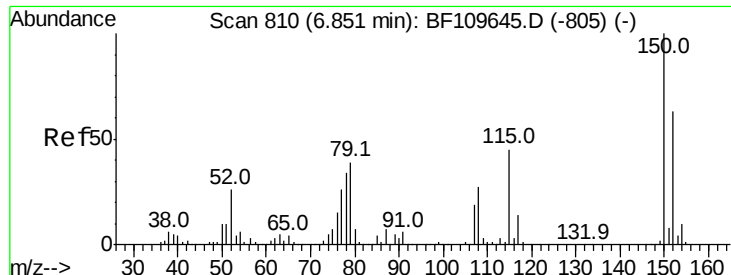
10/12/2018 11:01:22 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.035 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.8	35.8	53.6





#15
Benzyl Alcohol
Concen: 41.330 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

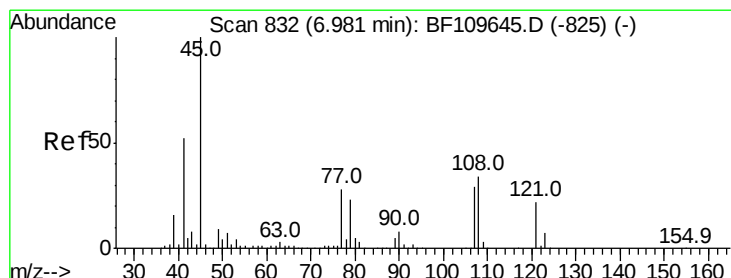
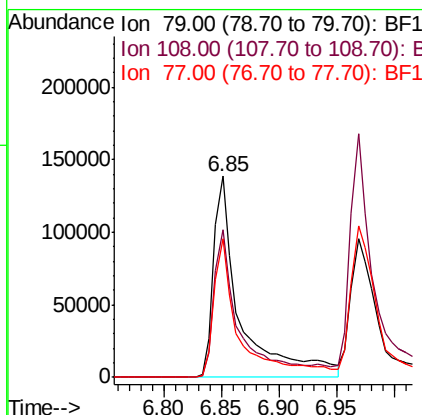
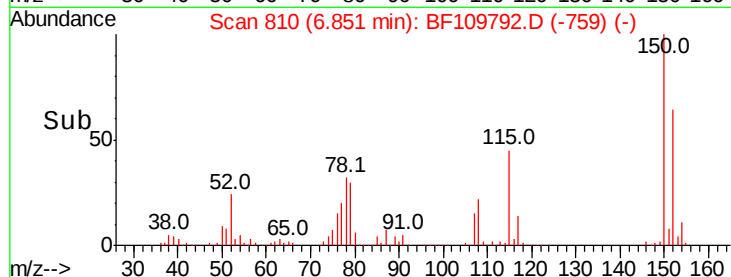
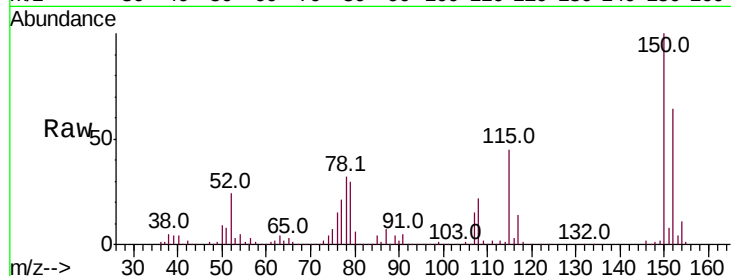
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	56.3	84.5
77	68.7	52.9	79.3

Manual Integrations
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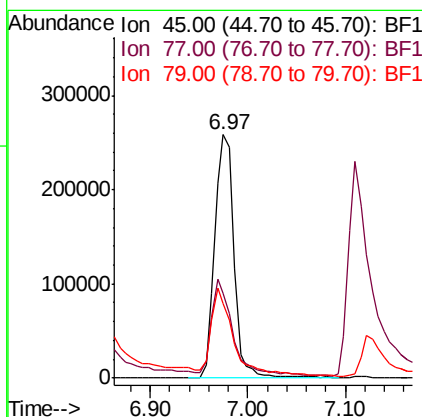
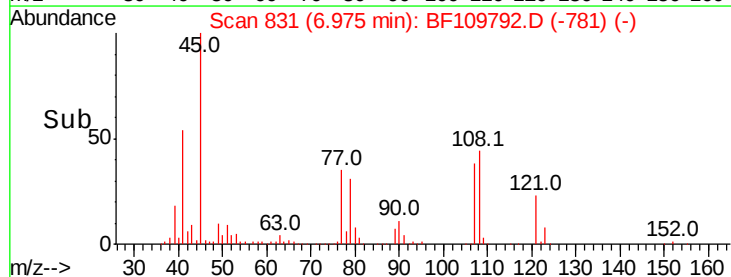
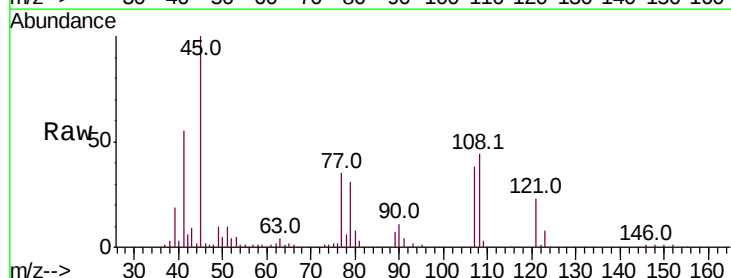
Sohil

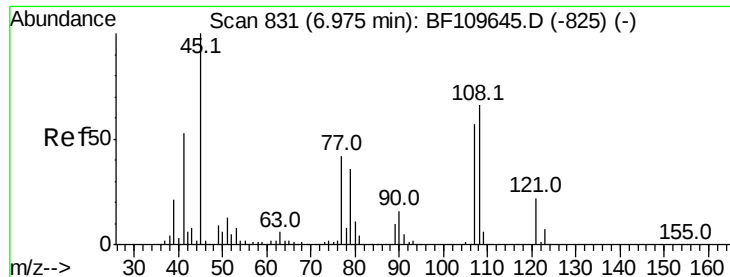
10/12/2018 11:01:22 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.719 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.7	10.0	50.0
79	30.9	6.1	46.1





#17
2-Methylphenol
Concen: 39.809 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

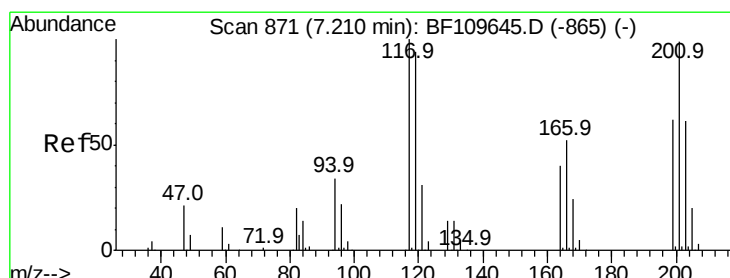
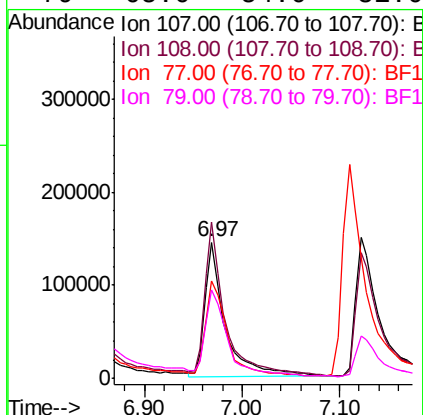
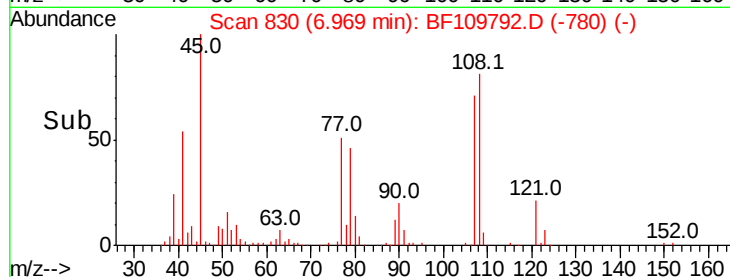
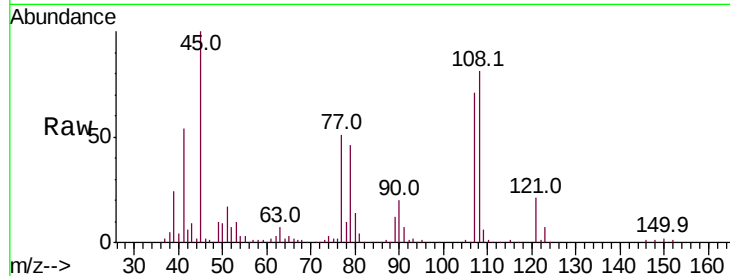
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion:	107	Resp:	211240
Ion Ratio	Lower	Upper	
107	100		
108	114.4	92.6	138.8
77	71.4	59.4	89.2
79	65.0	54.0	81.0

Manual Integrations
APPROVED

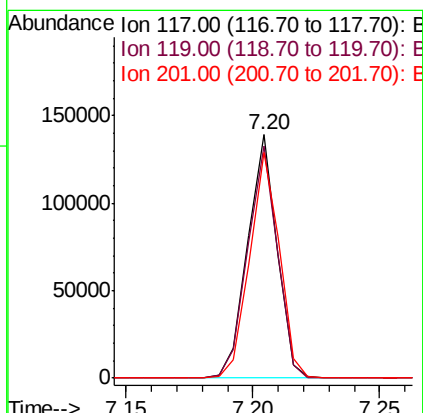
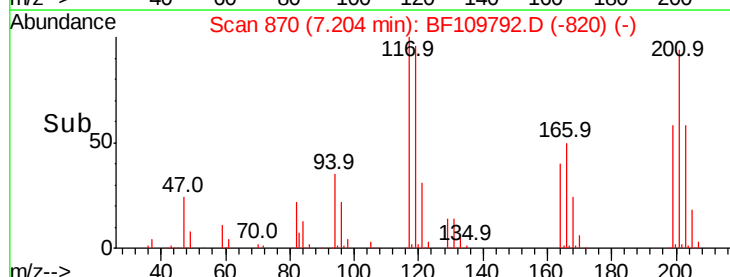
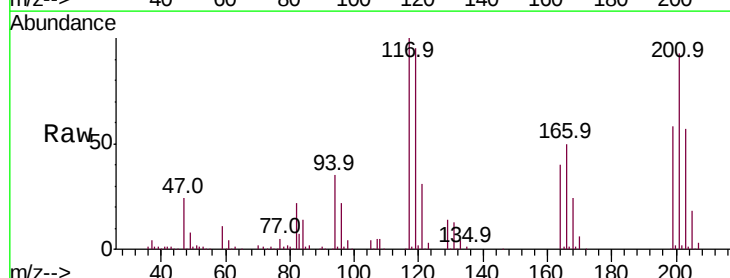
Sohil

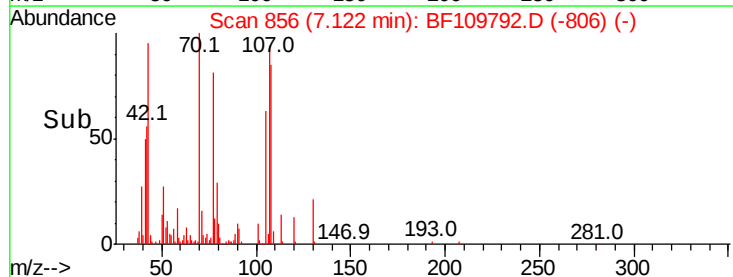
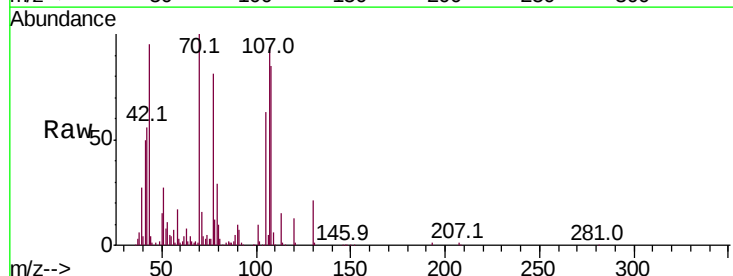
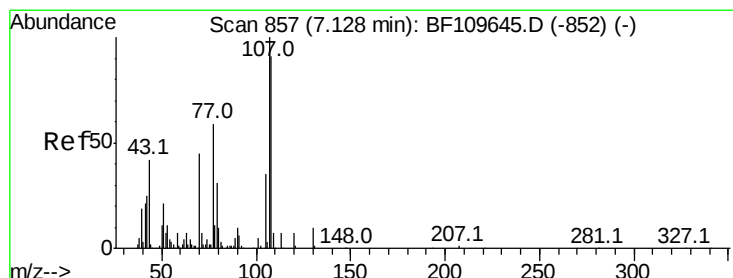
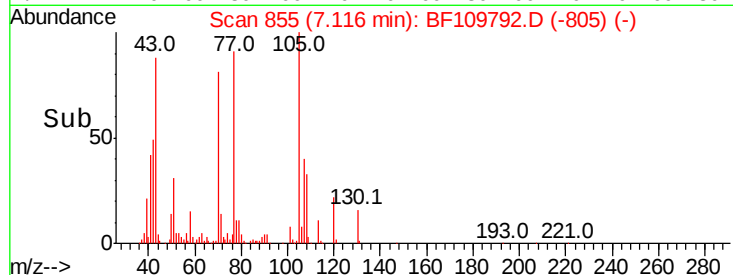
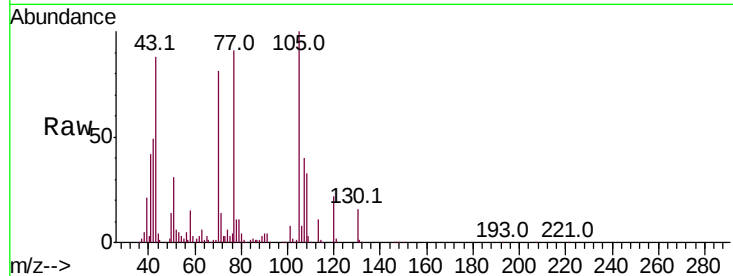
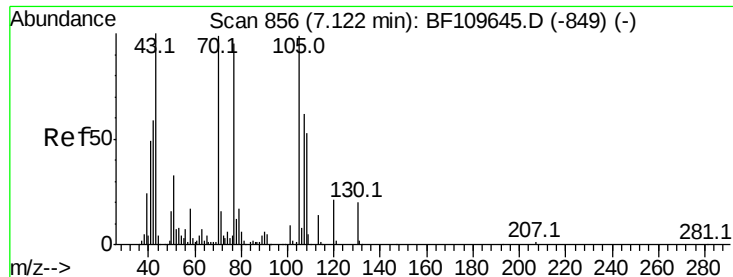
10/12/2018 11:01:22 AM



#18
Hexachloroethane
Concen: 37.902 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion:	117	Resp:	112080
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.0	112.6
201	92.9	79.2	118.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.047 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

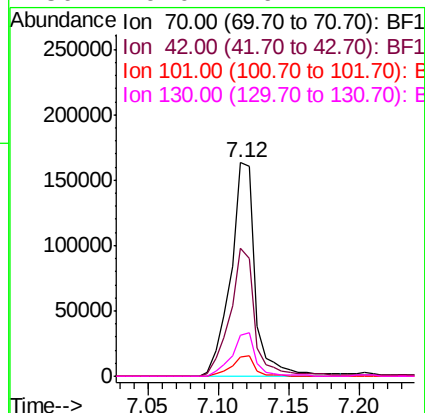
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.4	71.2
101	9.2	7.3	10.9
130	19.0	16.2	24.2

Manual Integrations
APPROVED

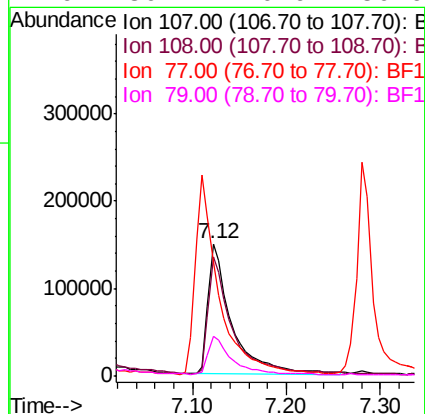
Sohil

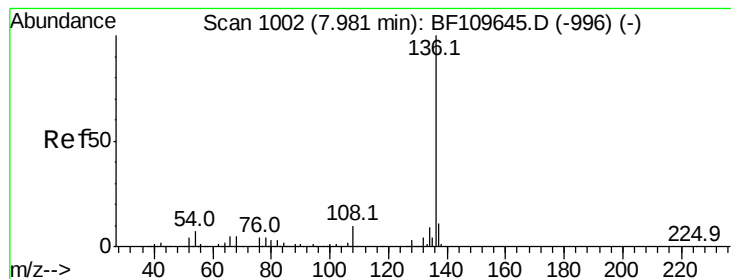
10/12/2018 11:01:22 AM



#20
3+4-Methylphenols
Concen: 39.971 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	86.2	47.3	87.3
79	30.4	10.9	50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

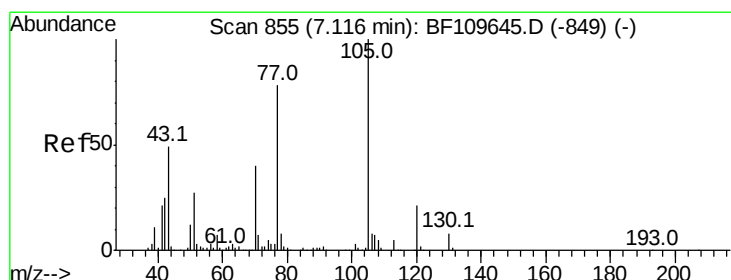
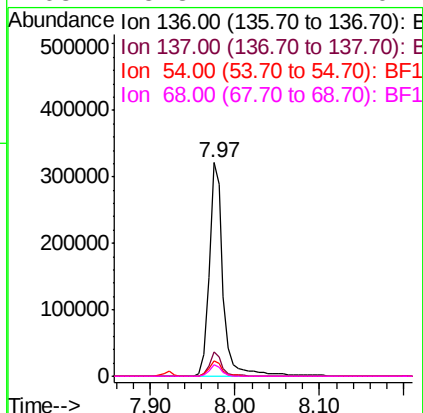
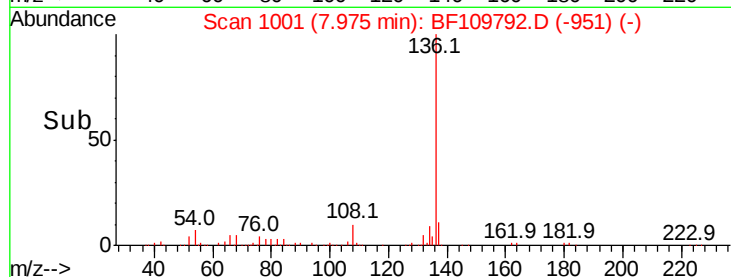
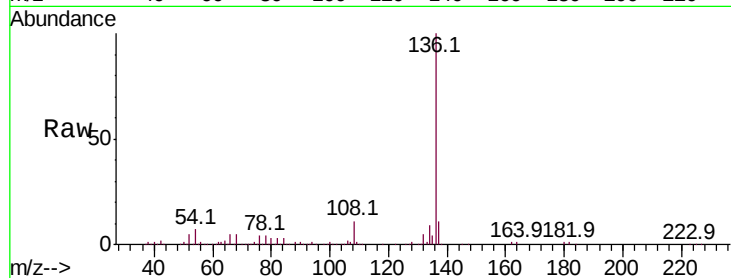
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	7.4	5.4	8.2	
68	5.3	4.2	6.2	

Manual Integrations
APPROVED

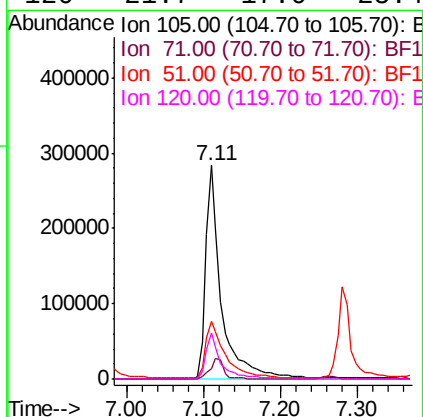
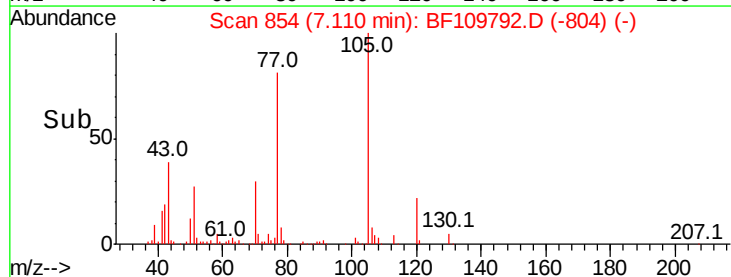
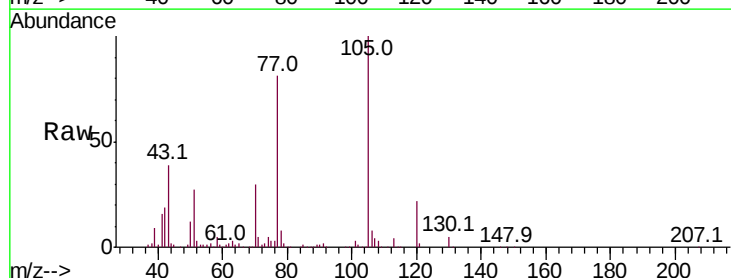
Sohil

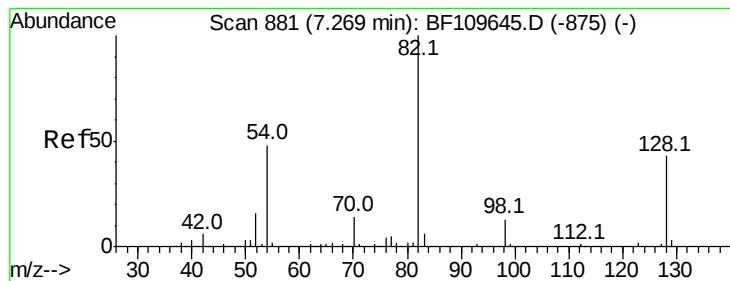
10/12/2018 11:01:22 AM



#22
Acetophenone
Concen: 44.835 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	5.2	7.8#	
51	27.2	21.8	32.8	
120	21.7	17.0	25.4	





#23

Nitrobenzene-d5

Concen: 94.903 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

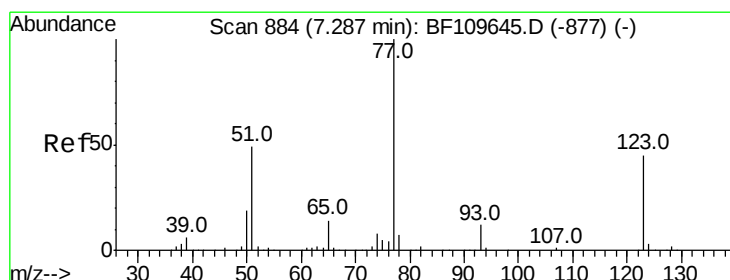
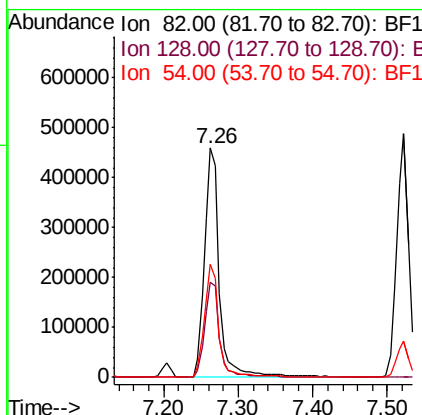
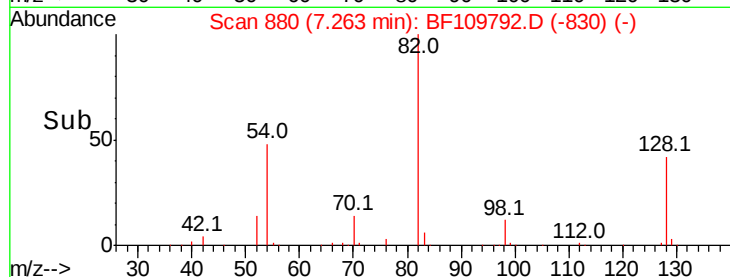
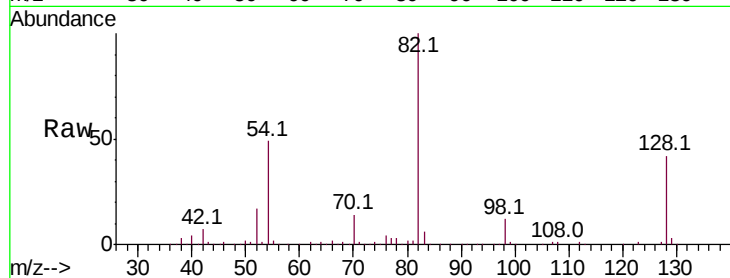
FK-GF-02-027-AMSD

Tot Ion:	82	Resp:	642311
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.2	51.2
54	49.4	38.6	58.0

Manual Integrations
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Sohil

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#24

Nitrobenzene

Concen: 41.730 ng

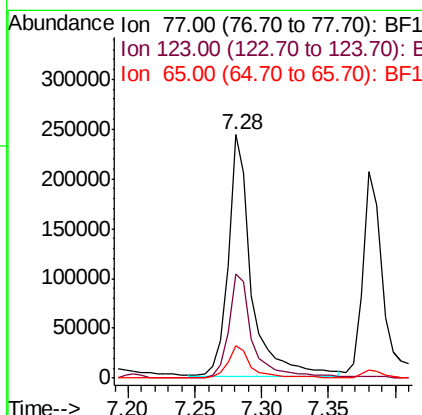
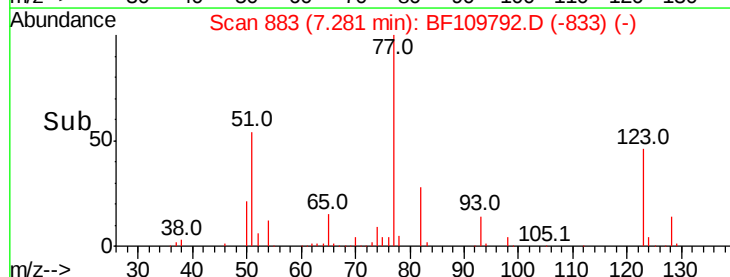
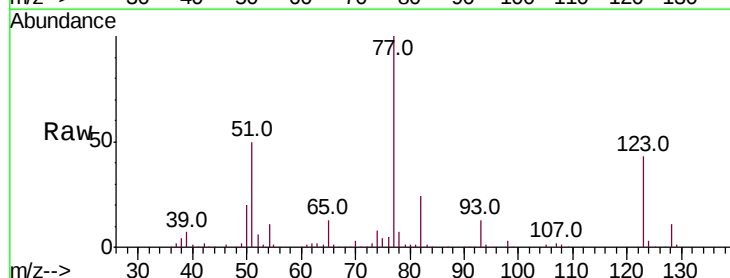
RT: 7.28 min Scan# 883

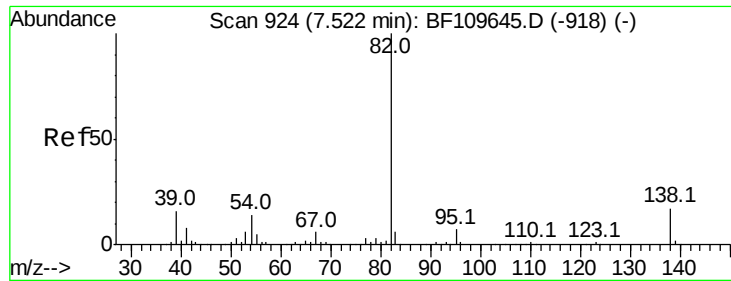
Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	77	Resp:	293888
Ion Ratio	Lower	Upper	
77	100		
123	43.0	35.7	53.5
65	13.4	10.7	16.1





#25

Isophorone

Concen: 47.848 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

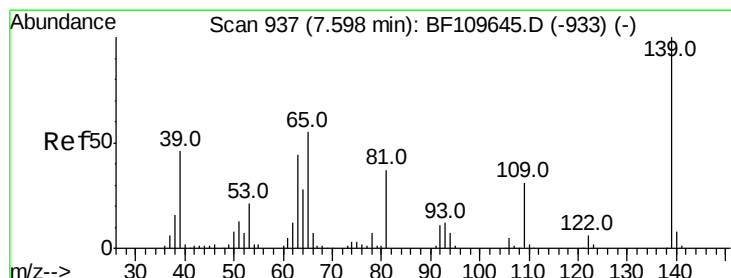
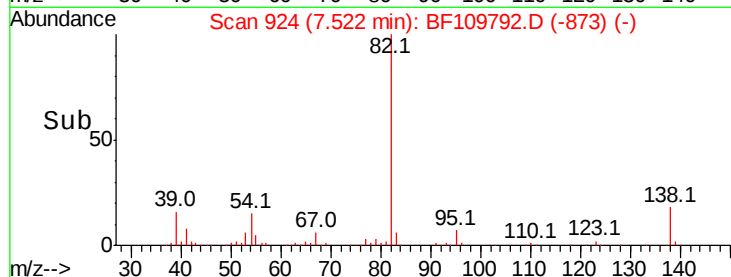
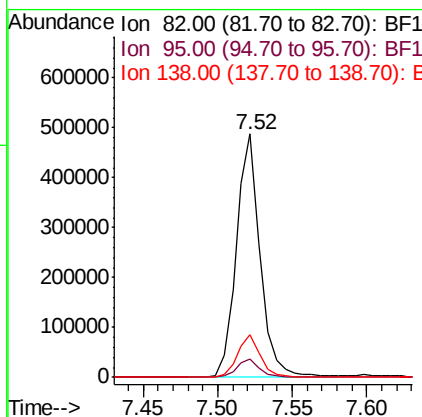
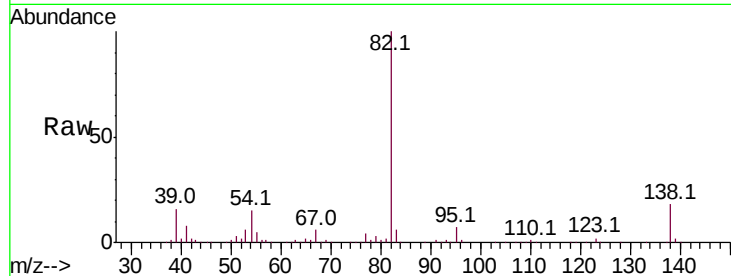
FK-GF-02-027-AMSD

Tot Ion:	82	Resp:	537752
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	17.7	13.2	19.8

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 43.156 ng

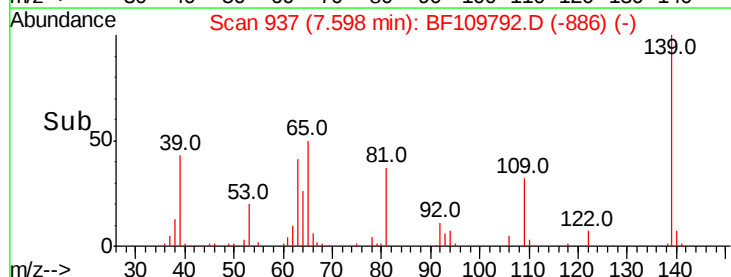
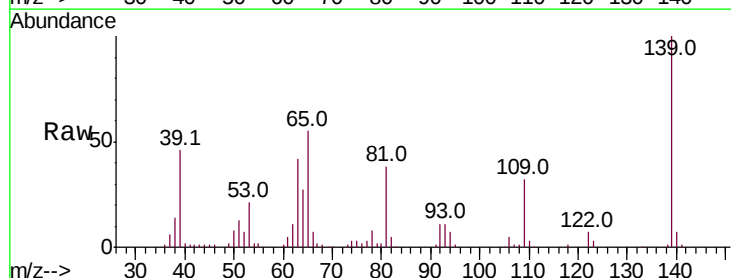
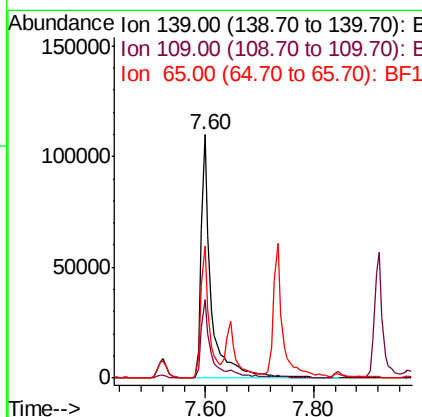
RT: 7.60 min Scan# 937

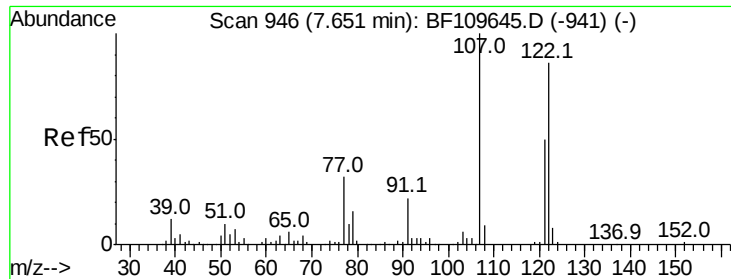
Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	139	Resp:	142162
Ion Ratio	Lower	Upper	
139	100		
109	32.3	25.0	37.6
65	54.6	44.0	66.0





#27
2,4-Dimethylphenol
Concen: 50.916 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

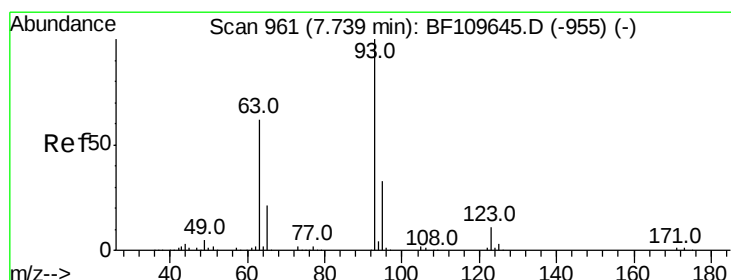
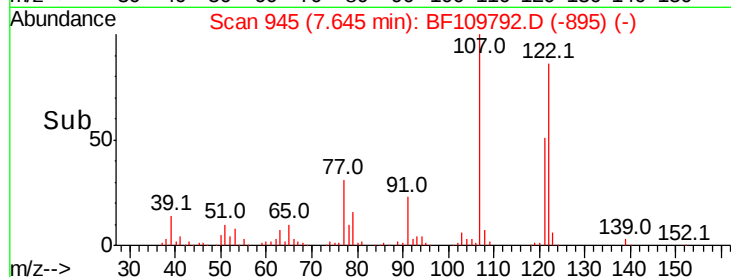
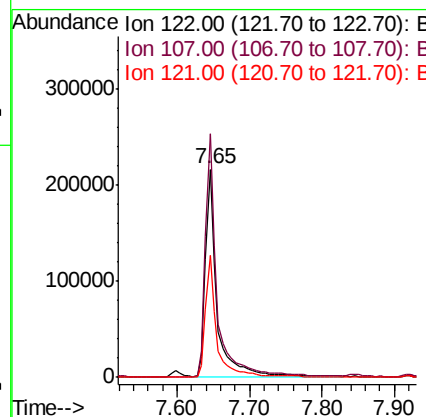
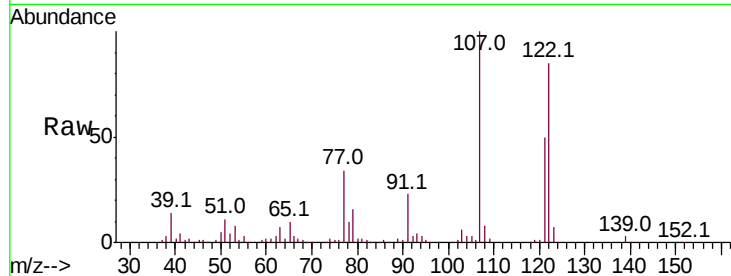
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.5	138.7
121	58.6	45.8	68.8

Manual Integrations
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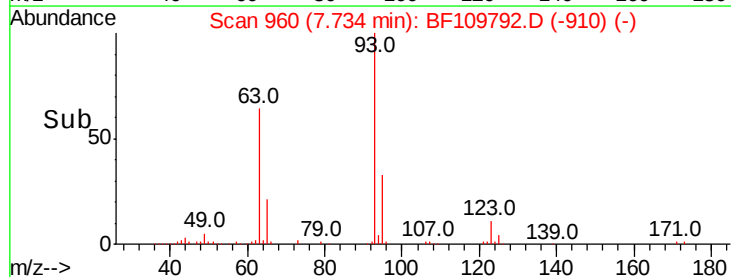
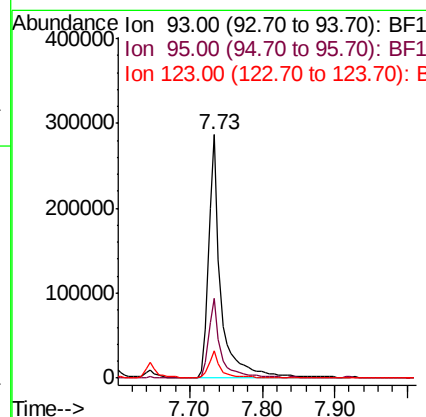
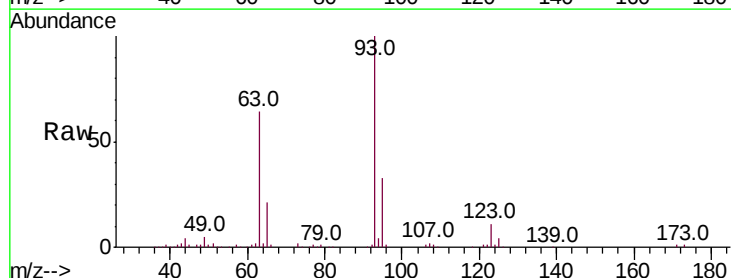
Sohil

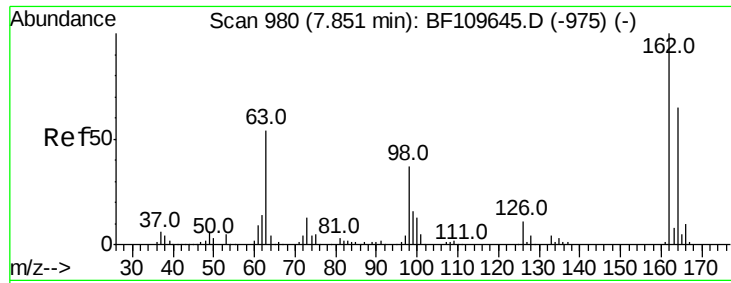
10/12/2018 11:01:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.118 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.4	9.0	13.6





#29
 2,4-Dichlorophenol
 Concen: 42.614 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

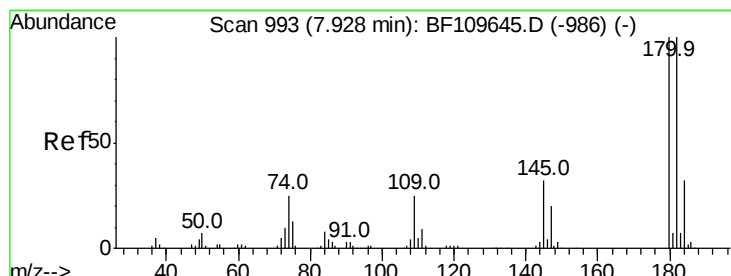
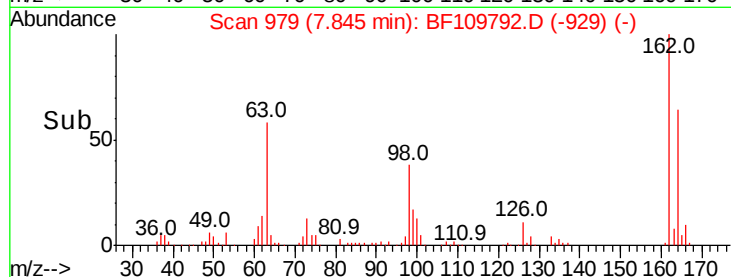
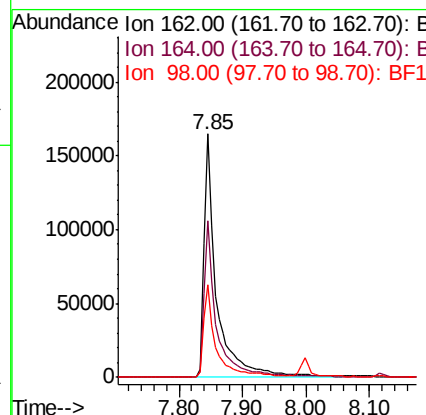
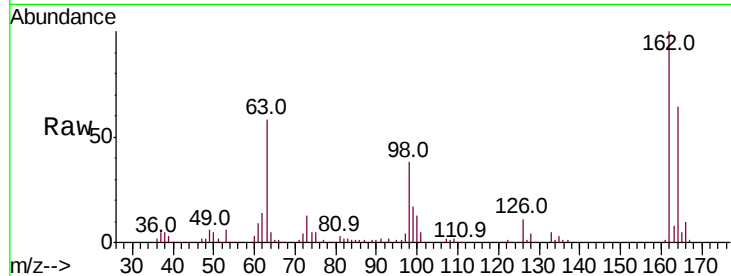
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion:	162	Resp:	227375
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	38.1	17.4	57.4

Manual Integrations
 APPROVED

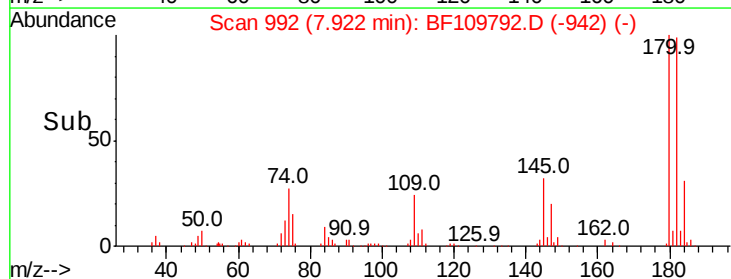
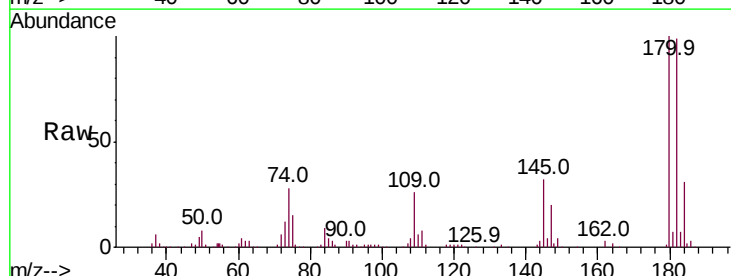
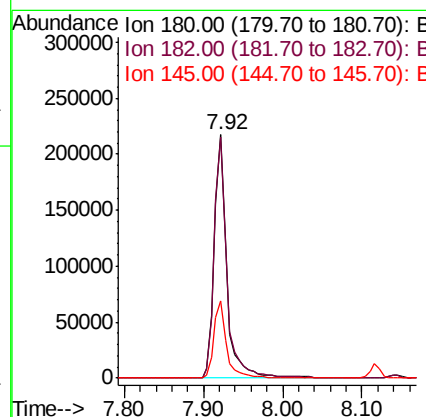
Sohil

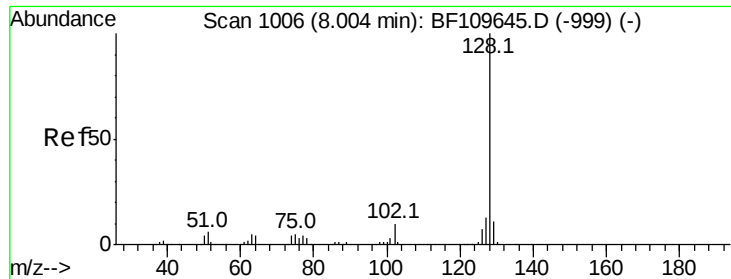
10/12/2018 11:01:22 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.863 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion:	180	Resp:	241363
Ion Ratio	Lower	Upper	
180	100		
182	99.1	80.3	120.5
145	31.8	25.4	38.0





#31
Naphthalene
Concen: 45.892 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

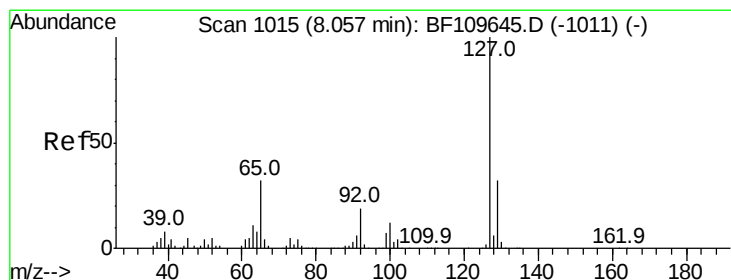
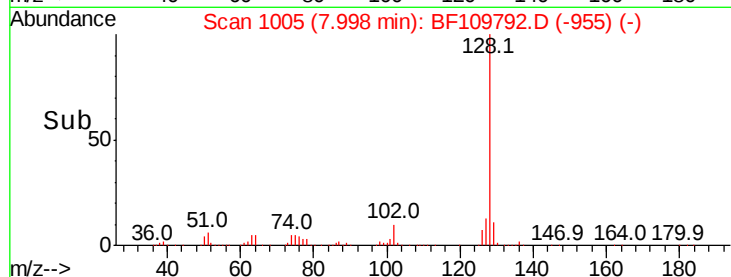
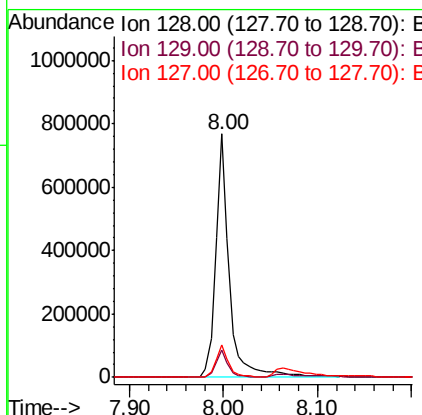
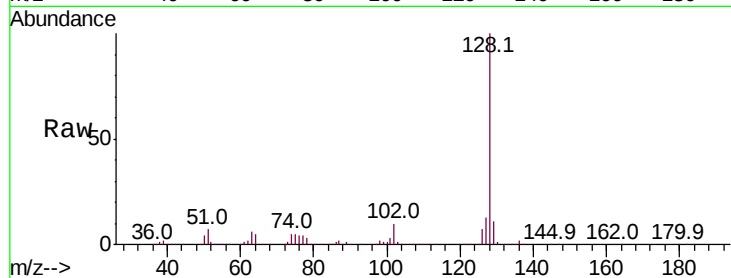
Instrument :
BNA_F
ClientSampleID :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	791809		
129	11.2		8.8	13.2
127	13.2		10.8	16.2

Manual Integrations
APPROVED

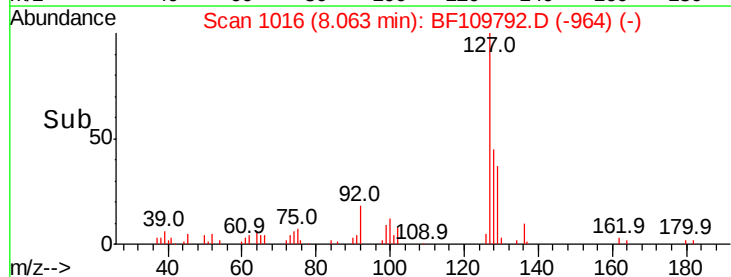
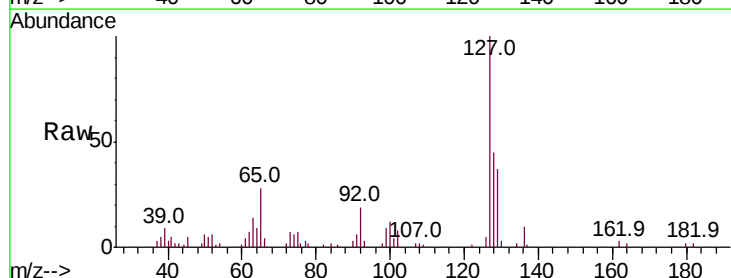
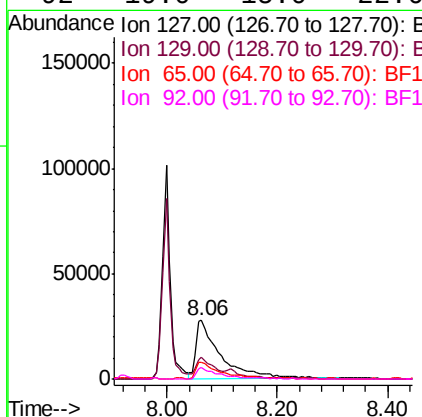
Sohil

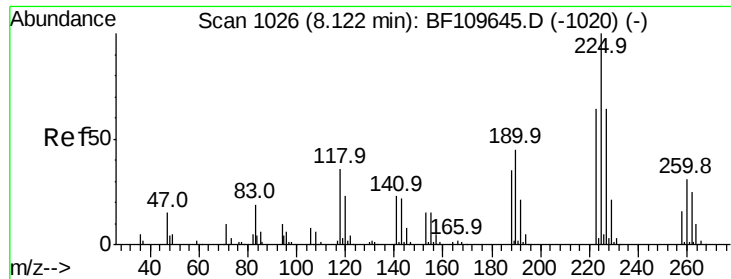
10/12/2018 11:01:22 AM



#33
4-Chloroaniline
Concen: 11.474 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	87177		
129	36.8		26.0	39.0
65	28.2		25.1	37.7
92	19.0		15.0	22.6





#34
Hexachlorobutadiene
Concen: 39.478 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

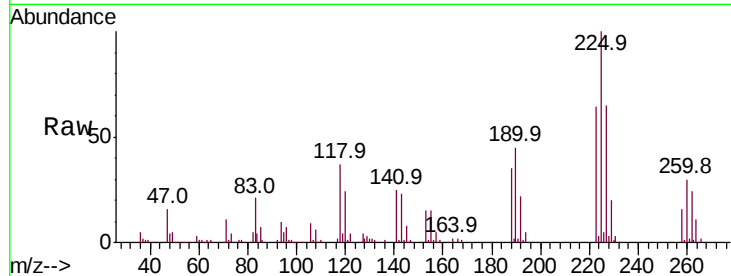
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.2
227	65.1	51.0	76.6

Manual Integrations
APPROVED

Sohil

10/12/2018 11:01:22 AM

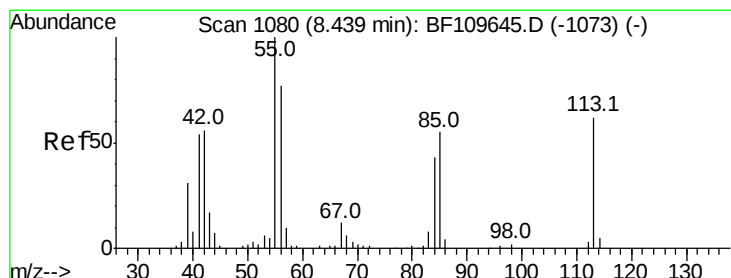
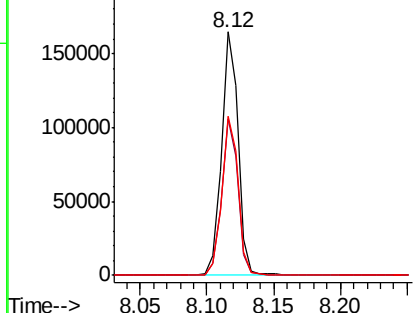
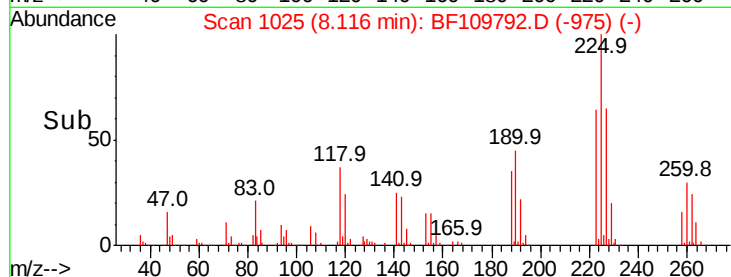


Abundance

Ion 225.00 (224.70 to 225.70): E

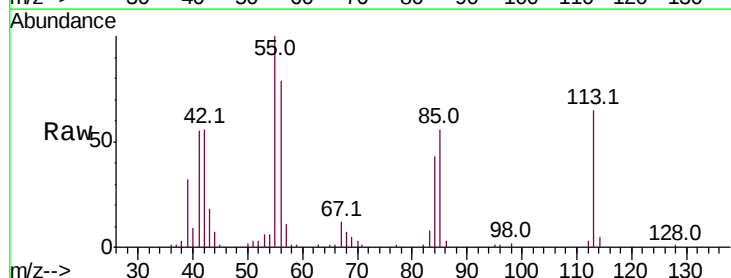
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 37.978 ng m
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
113	100		
55	153.3	142.8	182.8
56	120.6	105.0	145.0

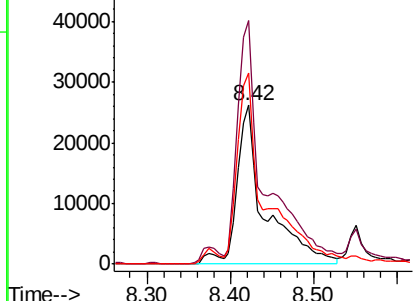
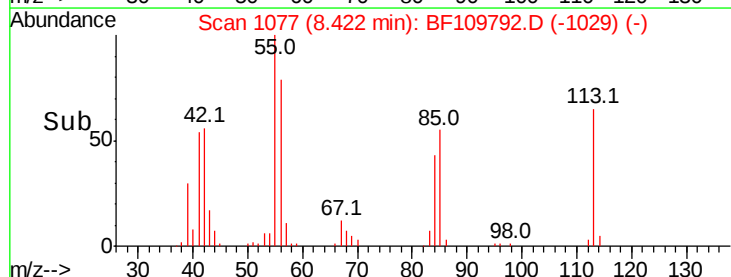


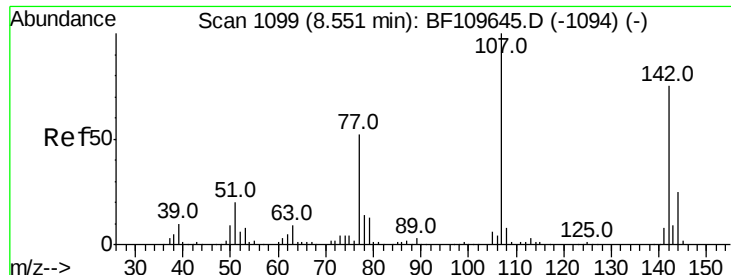
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#36
 4-Chloro-3-methylphenol
 Concen: 41.553 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

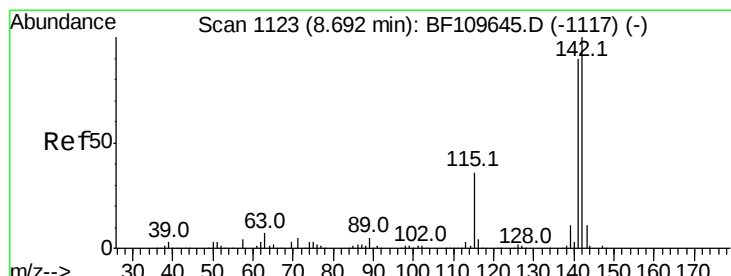
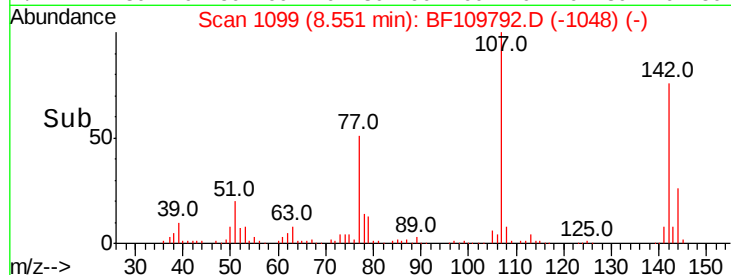
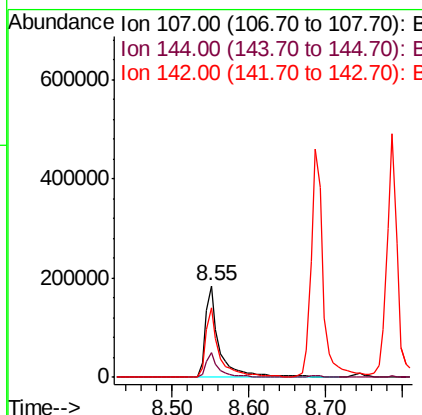
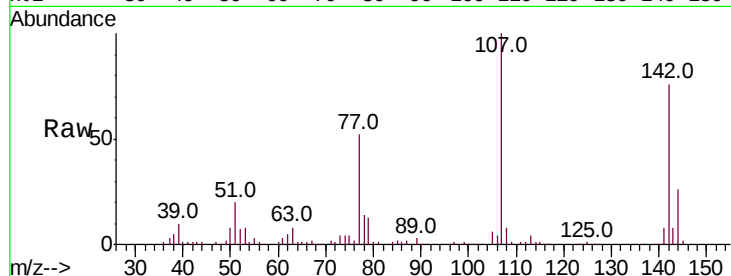
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion:	107	Resp:	234035
Ion Ratio	Lower	Upper	
107	100		
144	26.3	20.0	30.0
142	76.2	59.7	89.5

Manual Integrations
 APPROVED

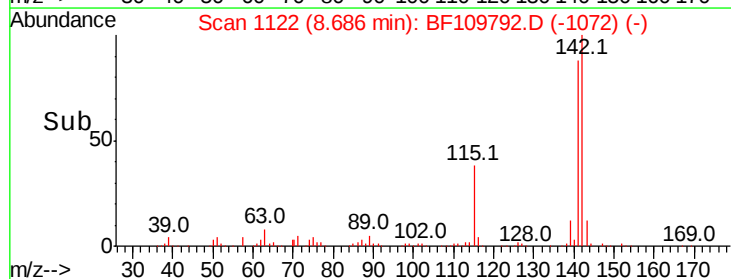
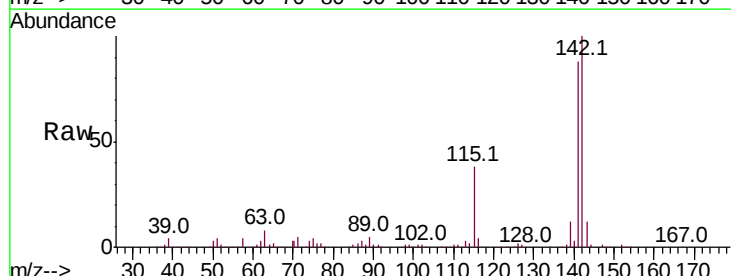
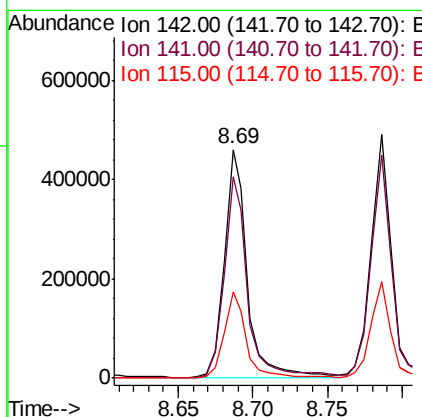
Sohil

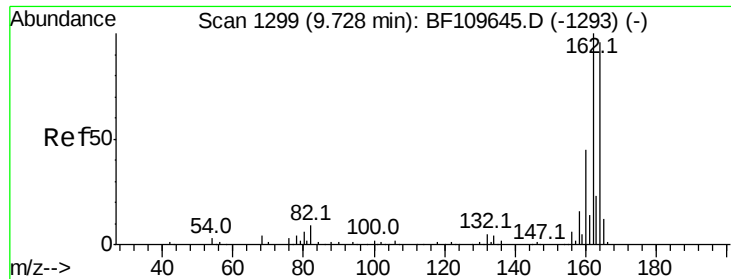
10/12/2018 11:01:22 AM



#37
 2-Methylnaphthalene
 Concen: 44.568 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion:	142	Resp:	503708
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.4	107.2
115	37.7	28.7	43.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

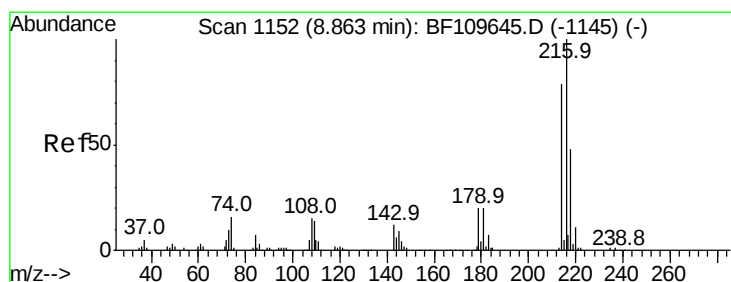
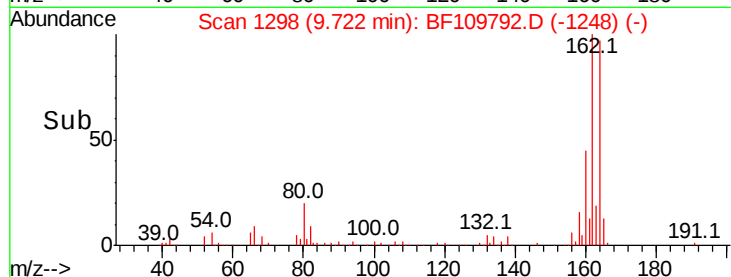
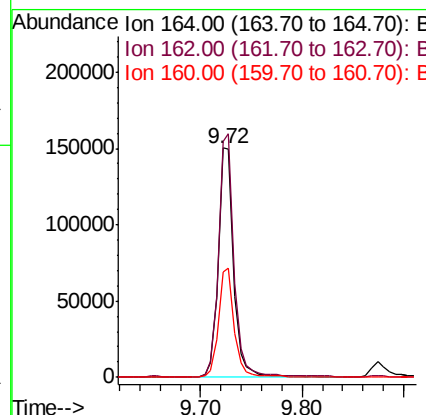
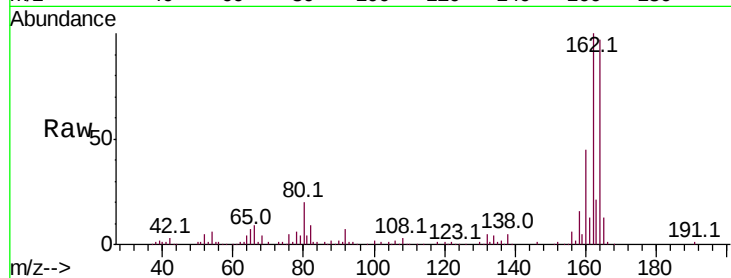
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	46.2	37.0	55.6

Manual Integrations
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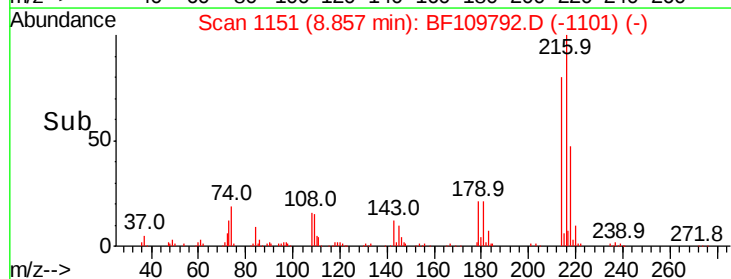
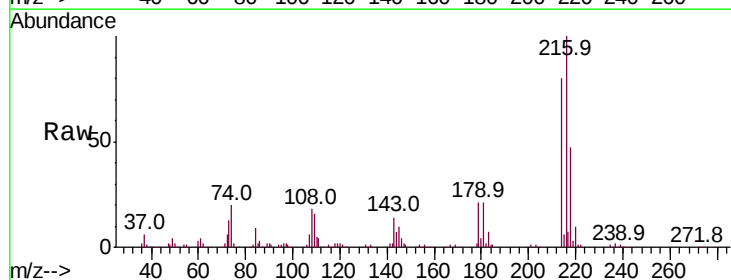
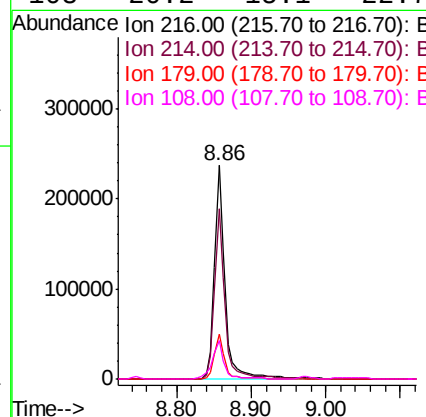
Sohil

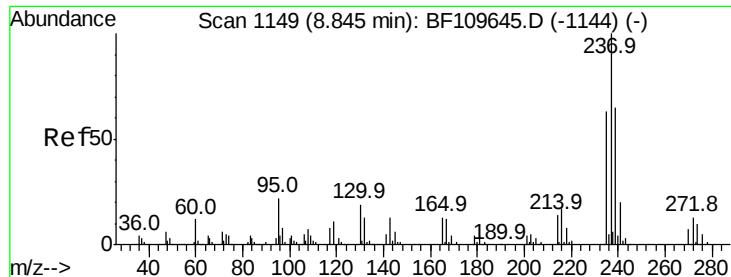
10/12/2018 11:01:22 AM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.573 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	20.8	16.6	25.0
108	20.2	15.1	22.7





#40
Hexachlorocyclopentadiene
Concen: 63.896 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

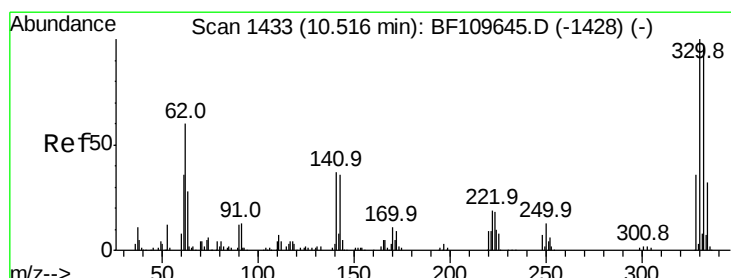
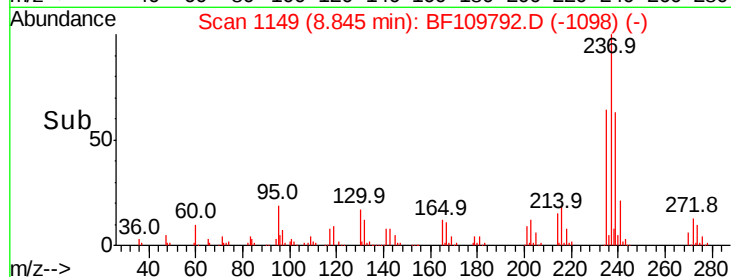
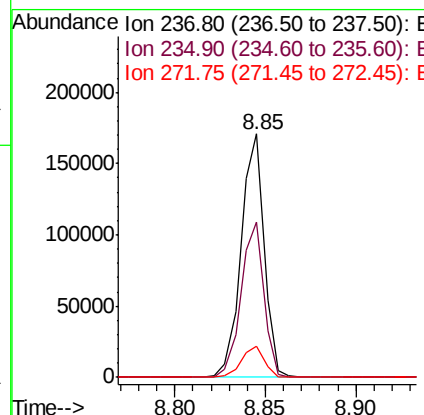
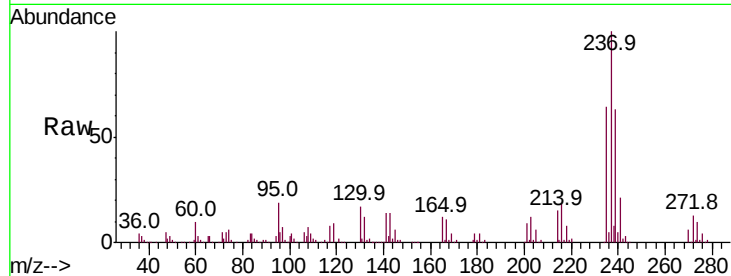
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	43.1	83.1
272	12.6	0.0	32.6

Manual Integrations
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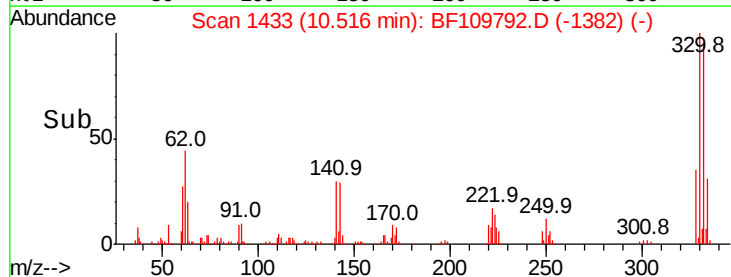
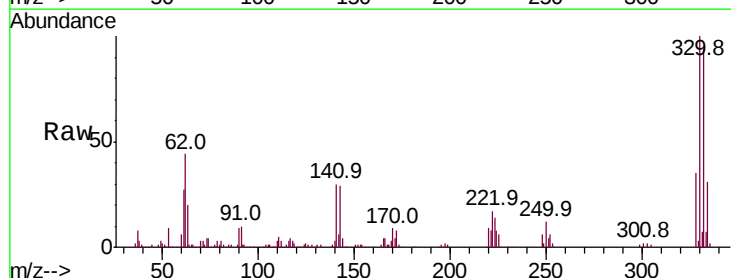
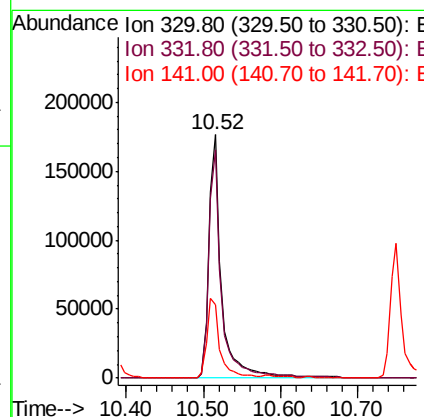
Sohil

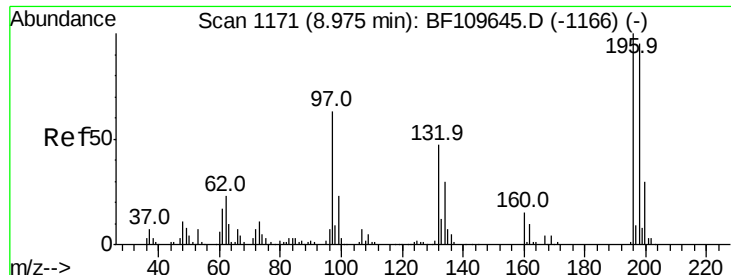
10/12/2018 11:01:22 AM



#41
2,4,6-Tribromophenol
Concen: 115.162 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.3	77.1	115.7
141	34.0	27.0	40.4





#42
 2,4,6-Trichlorophenol
 Concen: 41.938 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

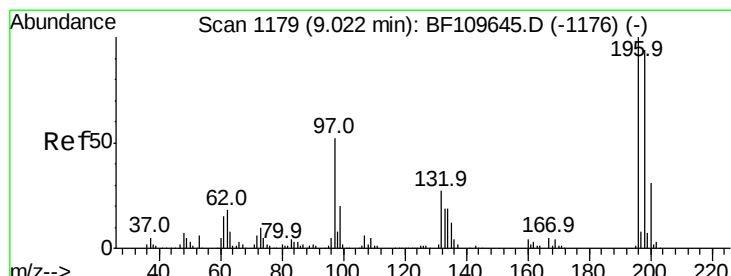
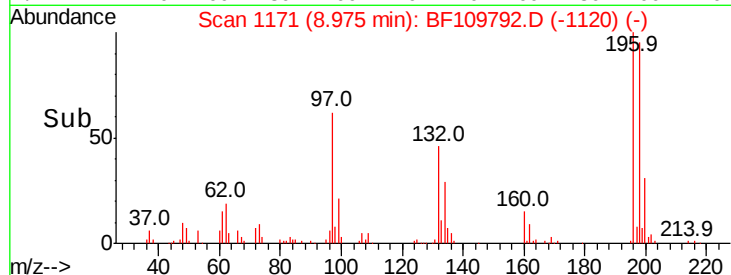
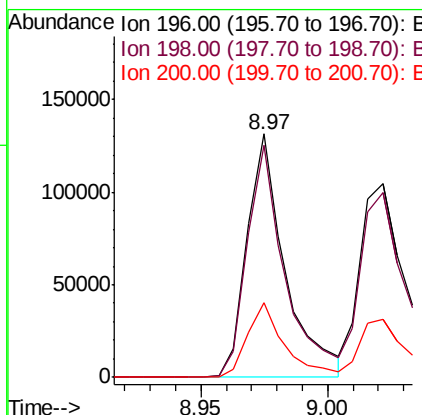
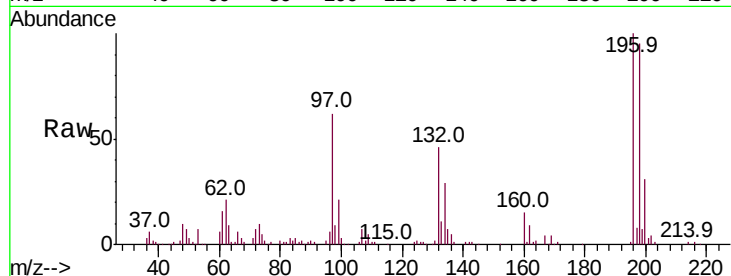
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion:	196	Resp:	138415
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.4
200	30.7	24.4	36.6

Manual Integrations
 APPROVED

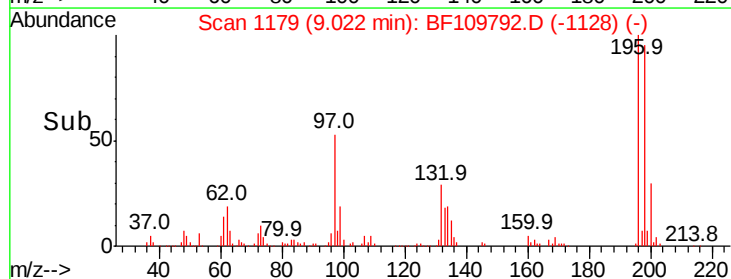
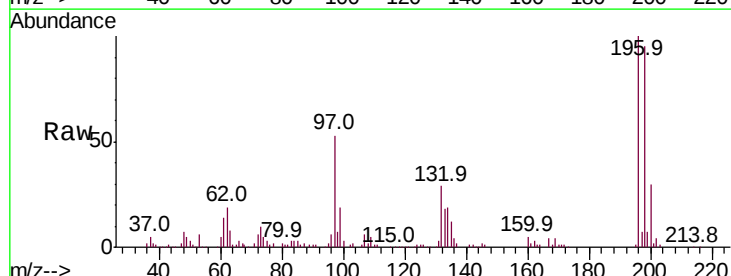
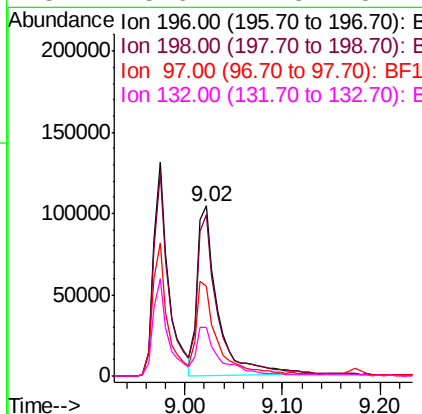
Sohil

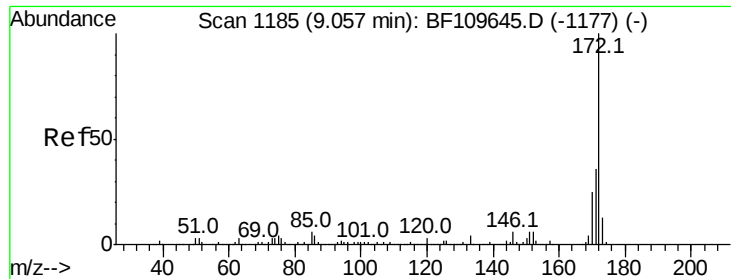
10/12/2018 11:01:22 AM



#43
 2,4,5-Trichlorophenol
 Concen: 40.111 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion:	196	Resp:	152215
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.8	113.6
97	53.0	42.4	63.6
132	28.6	22.8	34.2





#44
2-Fluorobiphenyl
Concen: 88.329 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

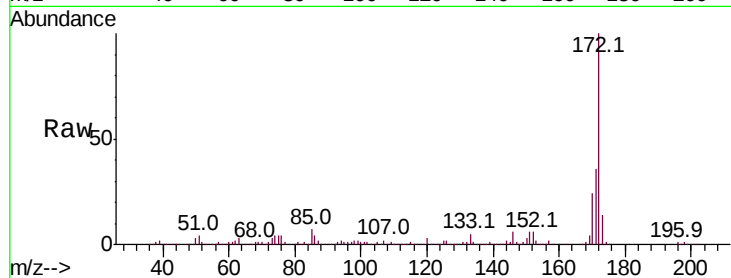
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.7	29.5

Manual Integrations
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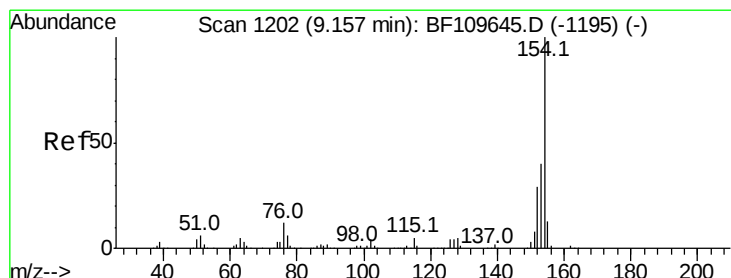
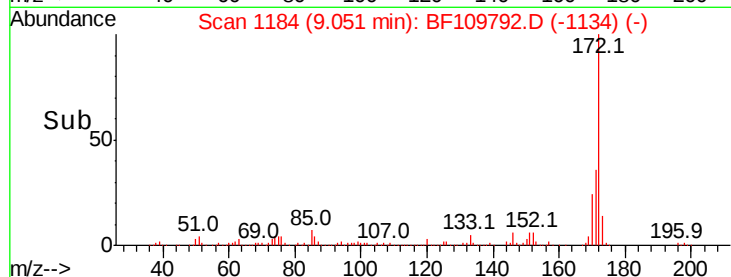
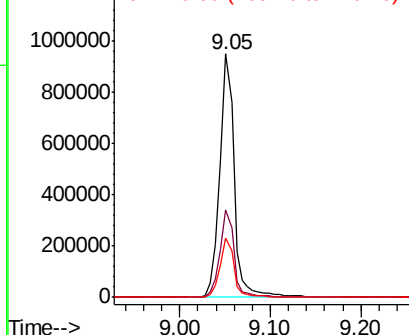


Abundance

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: 42.079 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

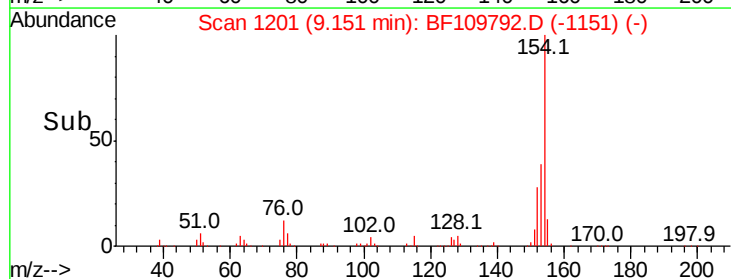
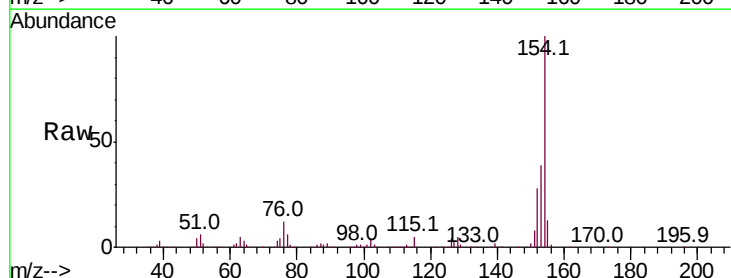
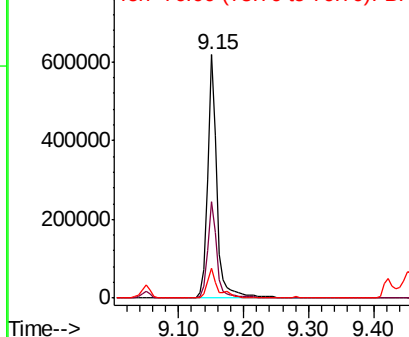
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.4	60.4
76	12.3	0.0	31.9

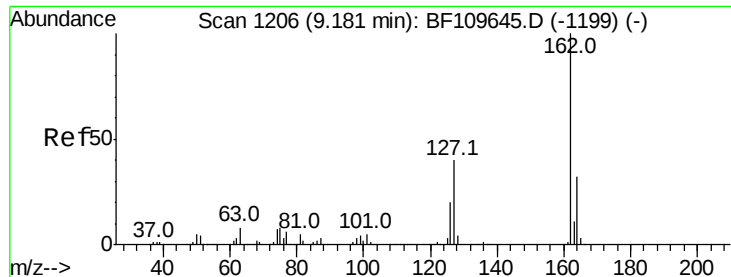
Abundance

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: 41.976 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

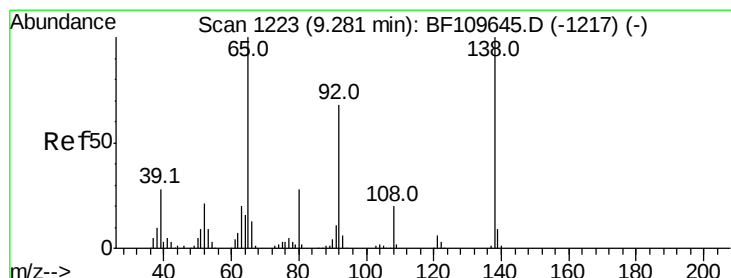
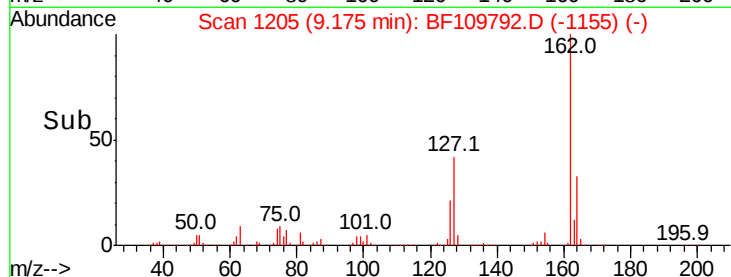
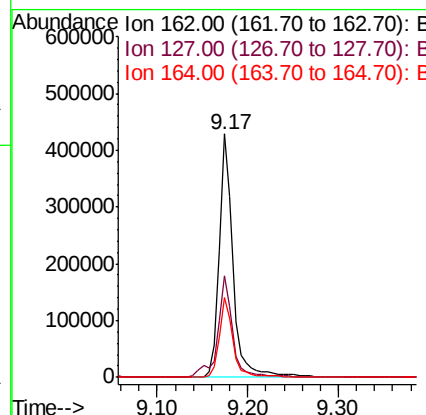
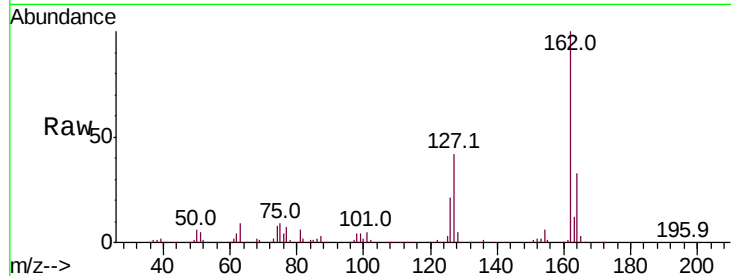
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	455672		
127	41.7	32.6	48.8	
164	32.6	25.9	38.9	

Manual Integrations
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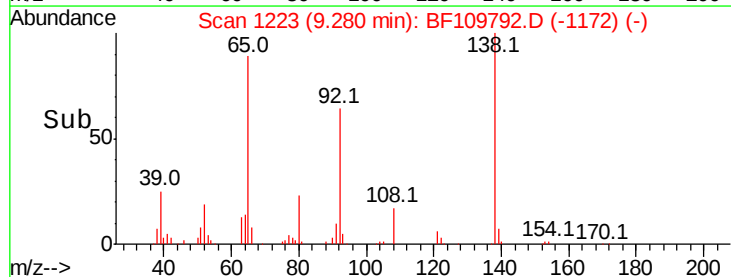
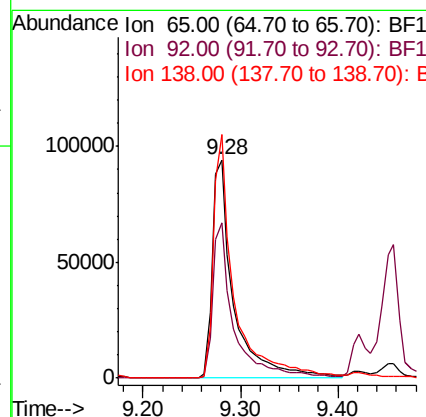
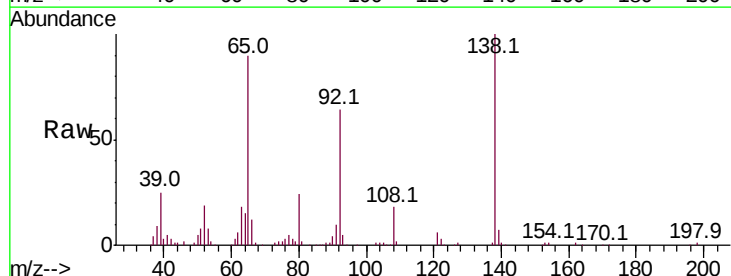
Sohil

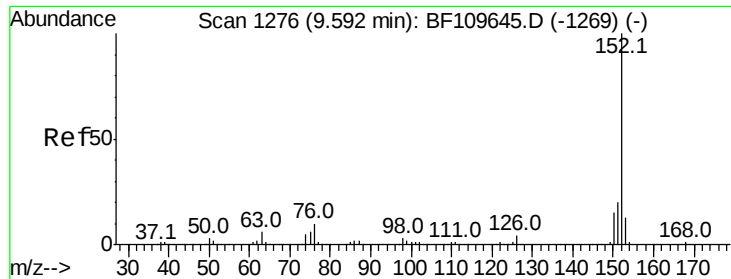
10/12/2018 11:01:22 AM



#47
2-Nitroaniline
Concen: 43.732 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	143746		
92	70.8	54.6	81.8	
138	111.5	80.3	120.5	





#48

Acenaphthylene

Concen: 44.185 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

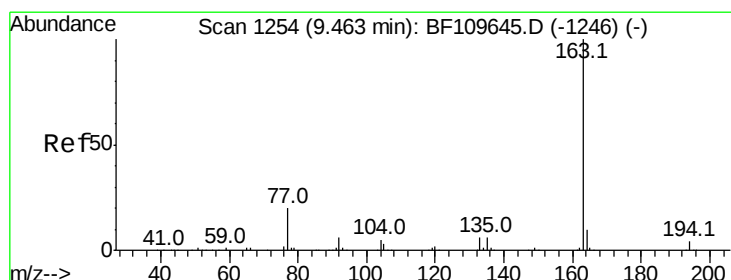
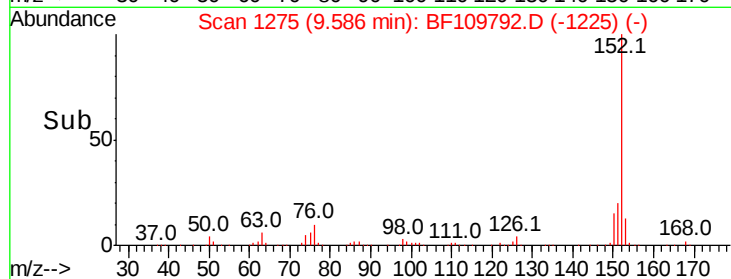
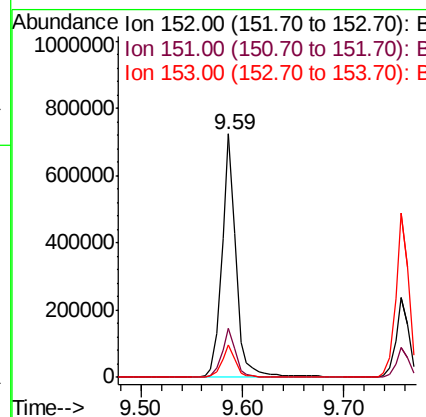
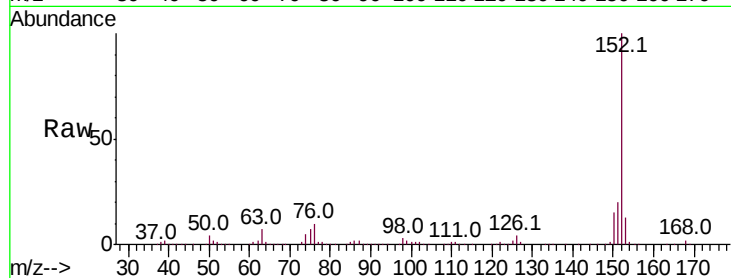
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.4	15.6

Manual Integrations
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Sohil

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#49

Dimethylphthalate

Concen: 55.069 ng

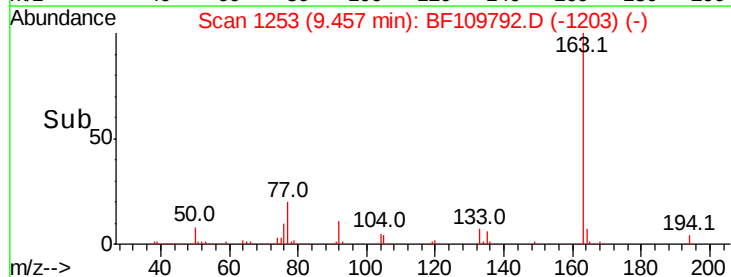
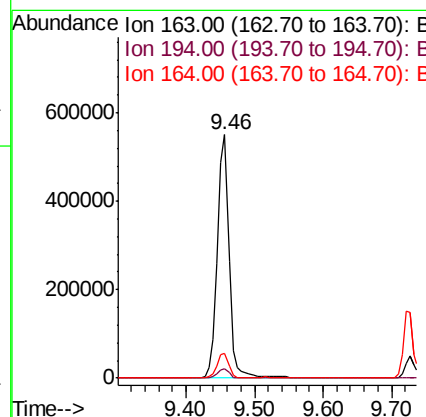
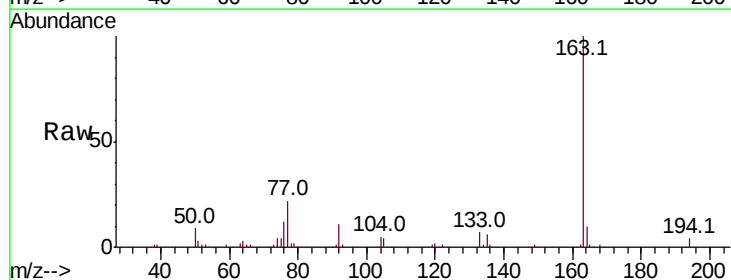
RT: 9.46 min Scan# 1253

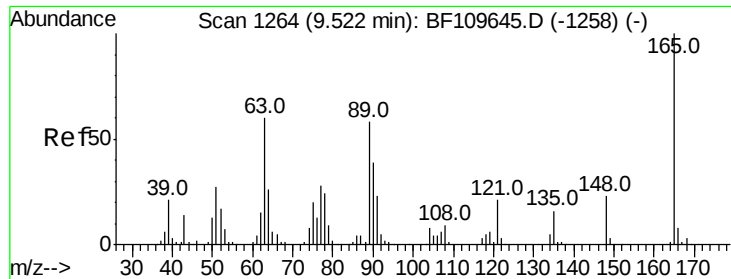
Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.1	12.1





#50
 2,6-Dinitrotoluene
 Concen: 43.766 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

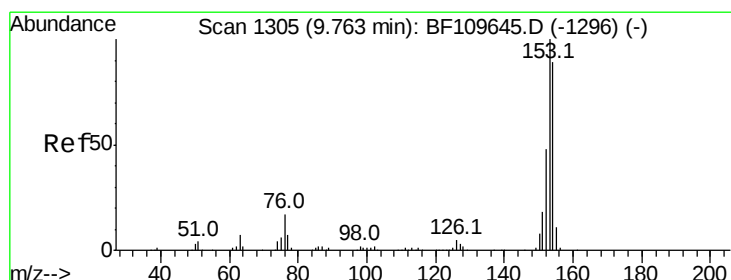
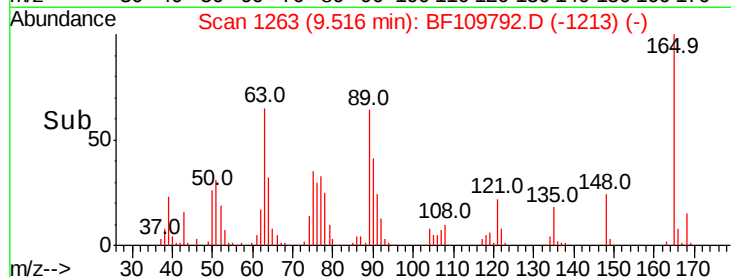
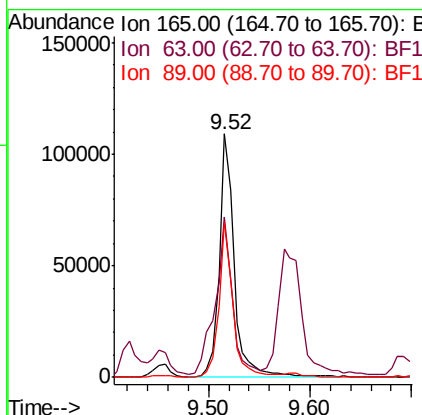
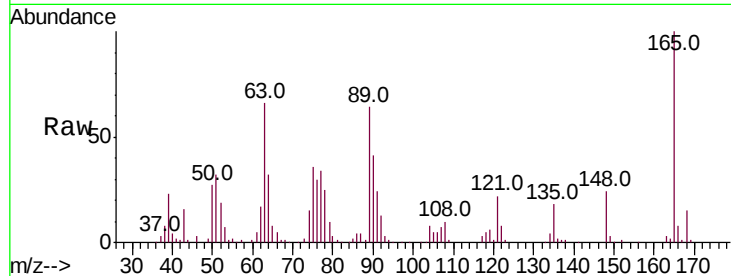
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion:	165	Resp:	112850
Ion Ratio	Lower	Upper	
165	100		
63	65.6	48.9	73.3
89	63.6	46.6	69.8

Manual Integrations
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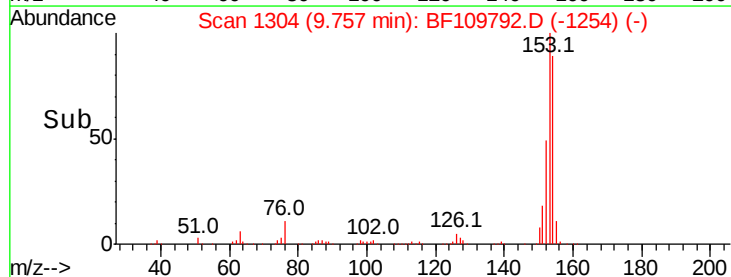
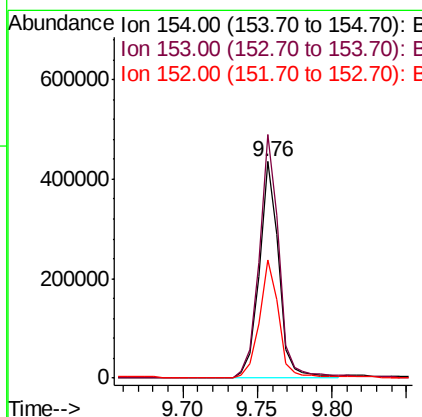
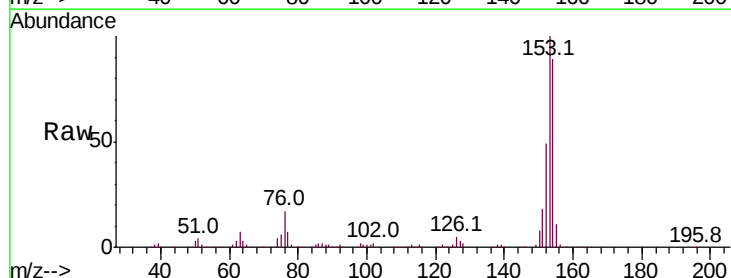
Sohil

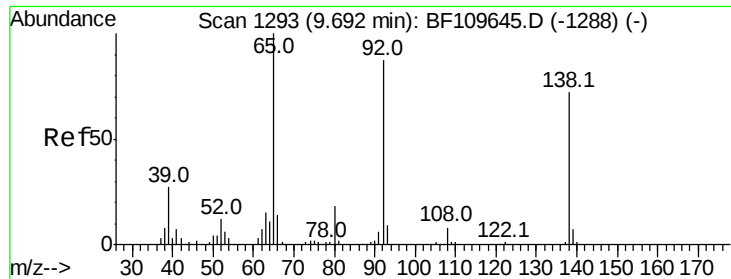
10/12/2018 11:01:22 AM



#51
 Acenaphthene
 Concen: 41.611 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion:	154	Resp:	390372
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	54.8	43.4	65.2





#52
3-Nitroaniline
Concen: 28.528 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

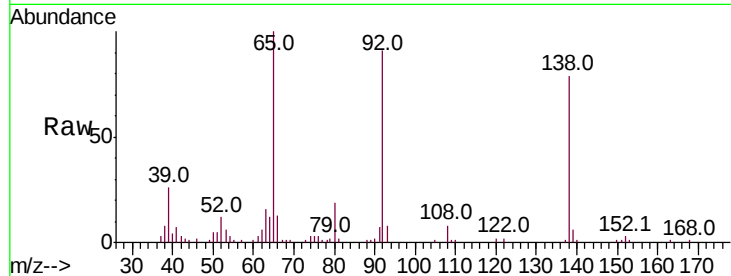
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	114.9	97.0	145.4

Manual Integrations
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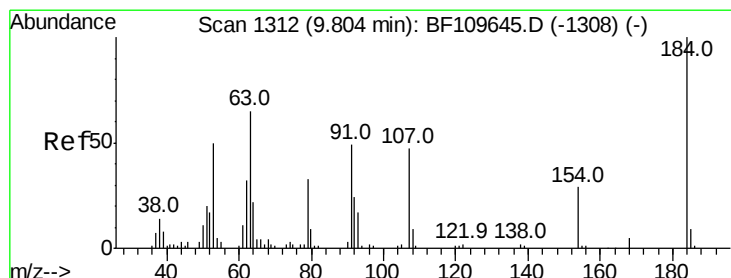
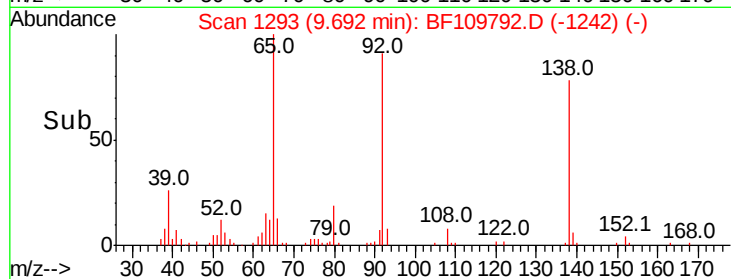
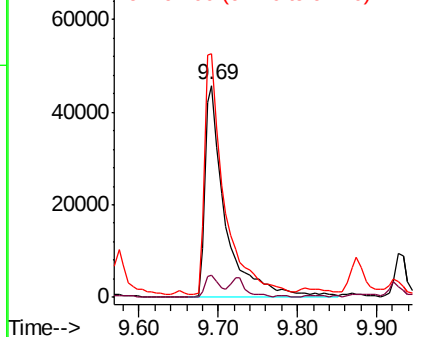


Abundance

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: 10.779 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

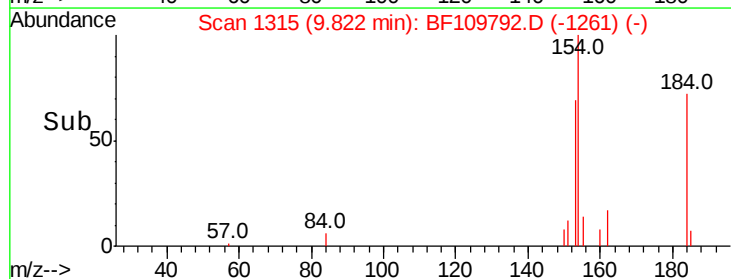
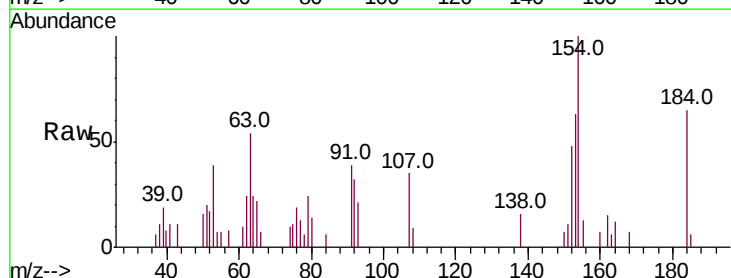
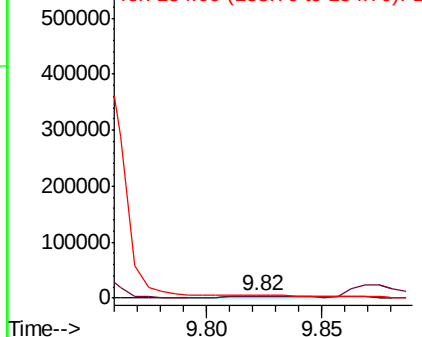
Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.9	55.8	83.6
154	152.8	63.2	94.8#

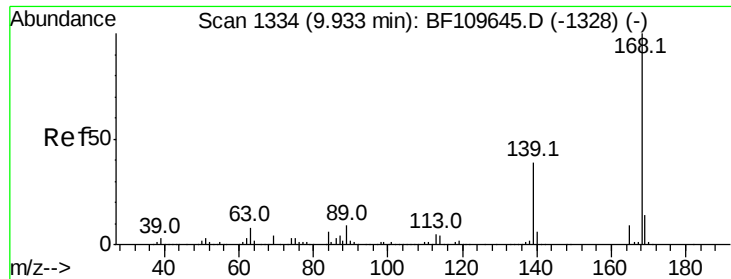
Abundance

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
Dibenzofuran
Concen: 41.496 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

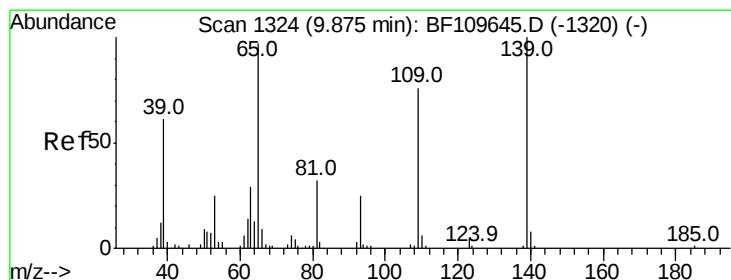
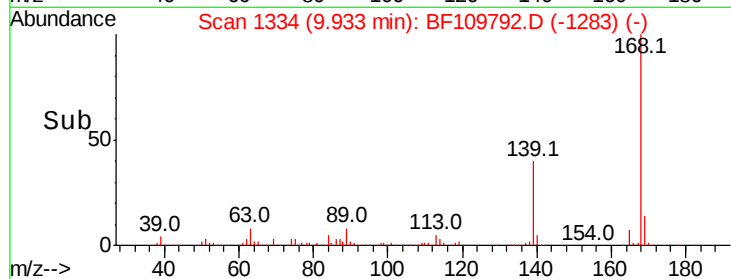
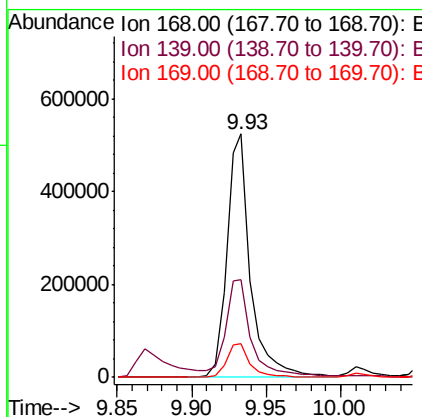
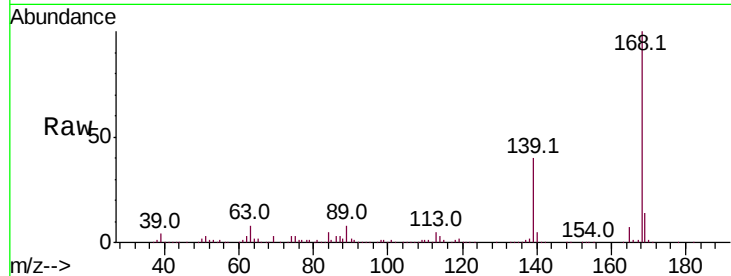
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.0	49.6
169	14.1	11.3	16.9

Manual Integrations
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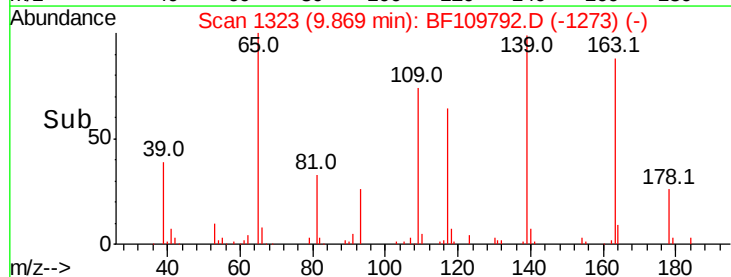
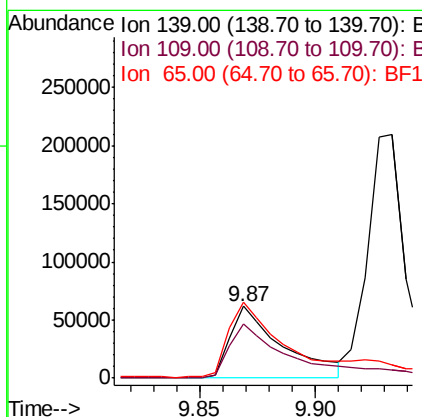
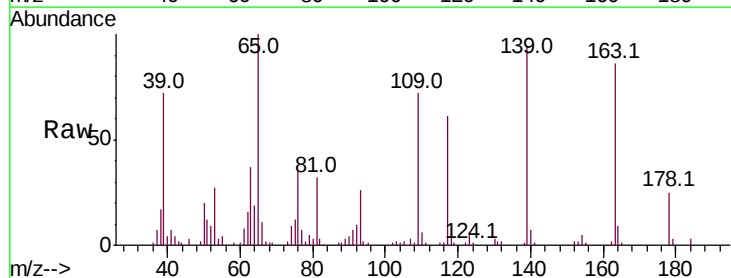
Sohil

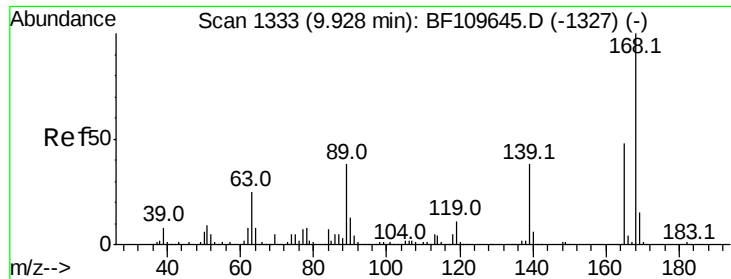
10/12/2018 11:01:22 AM



#55
4-Nitrophenol
Concen: 61.198 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	55.8	95.8
65	106.0	77.9	117.9





#56
2,4-Dinitrotoluene
Concen: 41.309 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

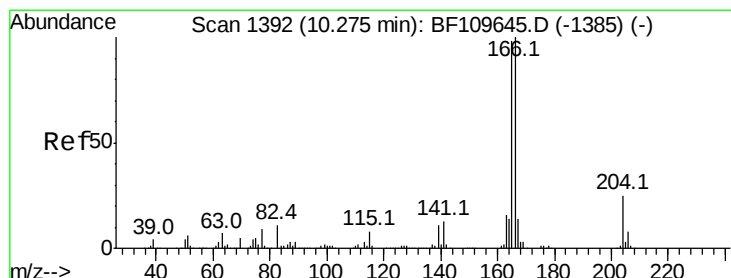
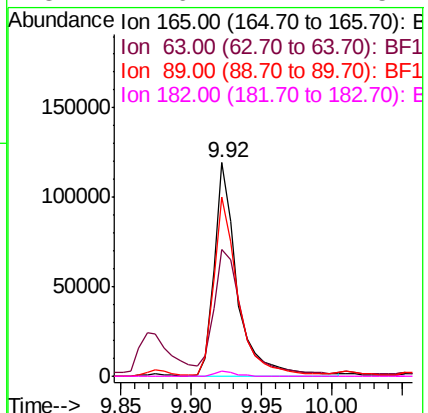
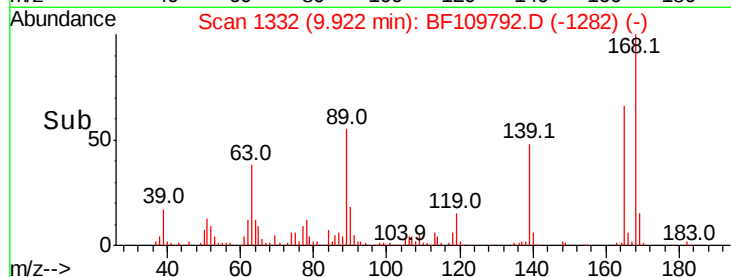
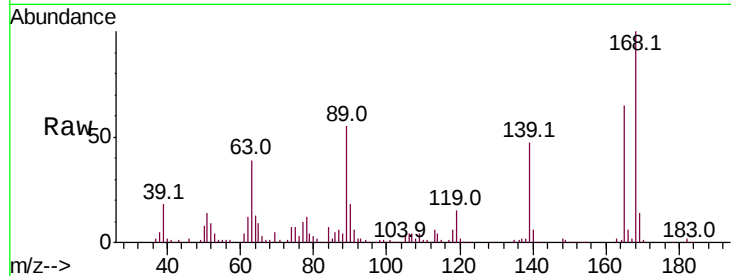
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.4	44.8	67.2	
89	83.8	62.2	93.4	
182	2.6	2.1	3.1	

Manual Integrations
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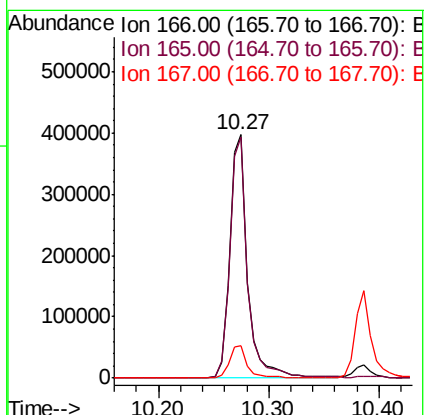
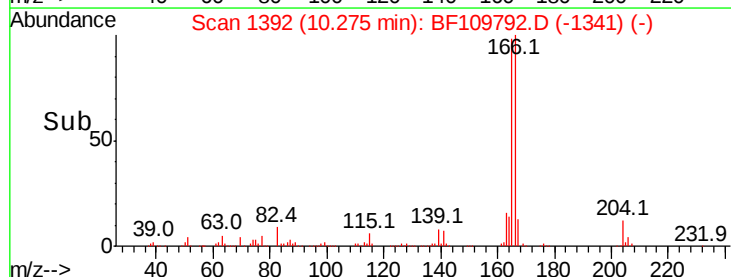
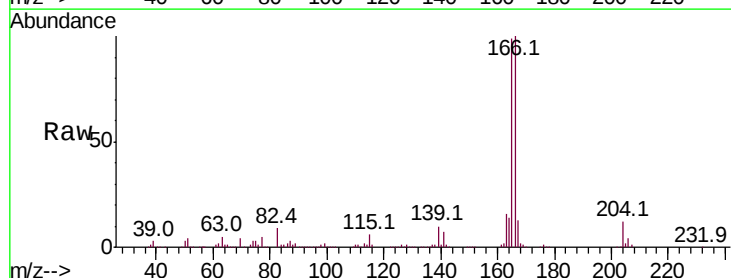
Sohil

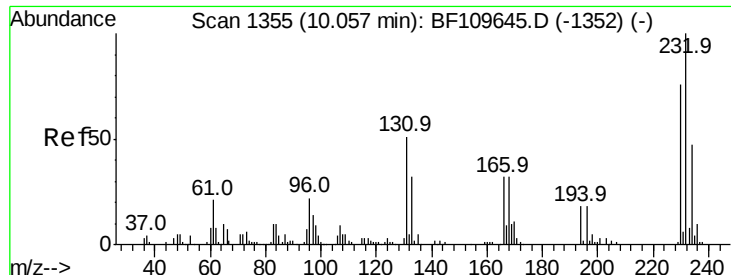
10/12/2018 11:01:22 AM



#57
Fluorene
Concen: 42.808 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	78.6	117.8	
167	13.2	10.8	16.2	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.918 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

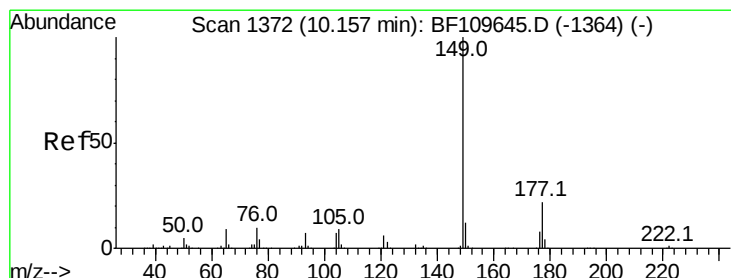
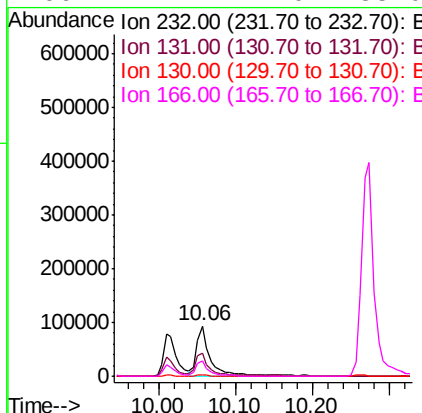
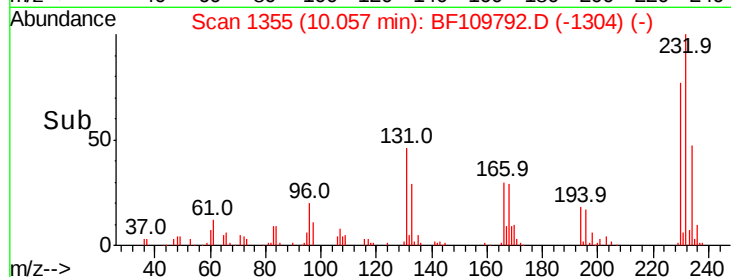
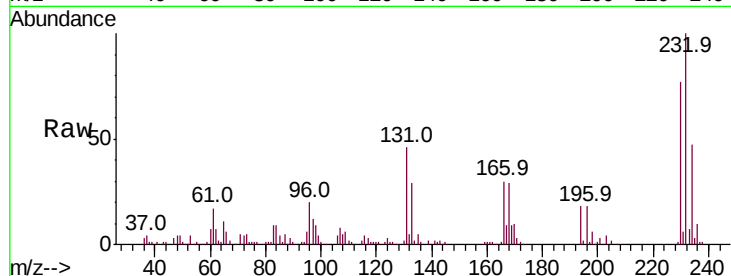
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.0	55.4
130	2.2	1.8	2.6
166	27.2	22.0	33.0

Manual Integrations
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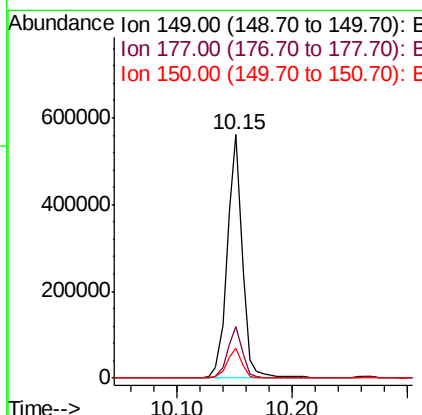
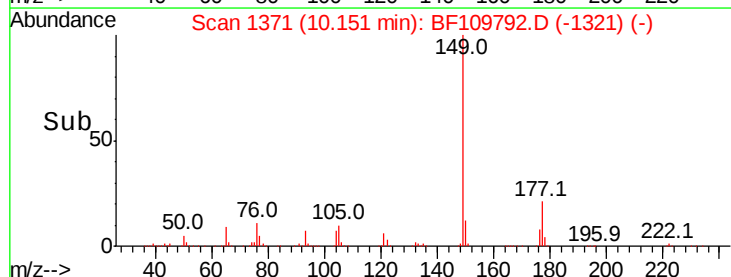
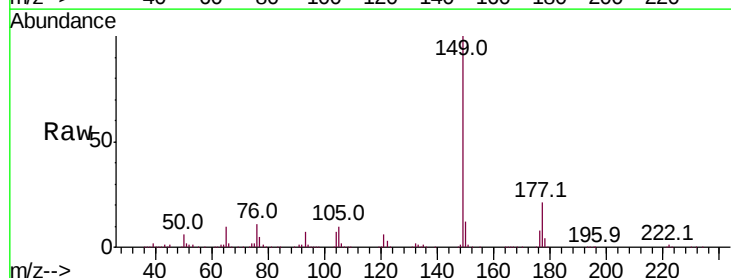
Sohil

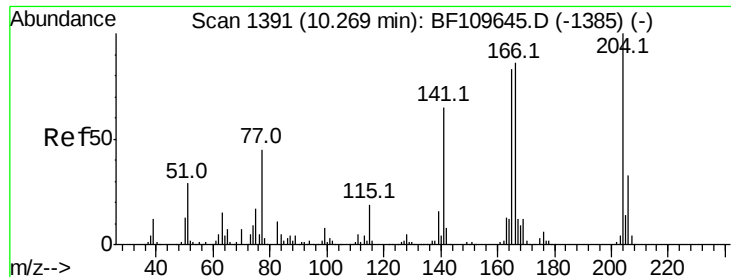
10/12/2018 11:01:22 AM



#59
 Diethylphthalate
 Concen: 43.103 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.3	9.8	14.8





#60
4-Chlorophenyl-phenylether
Concen: 39.006 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

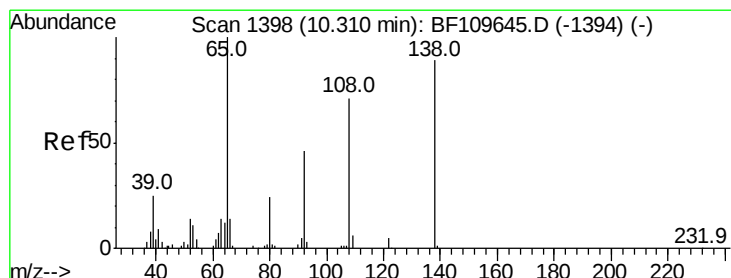
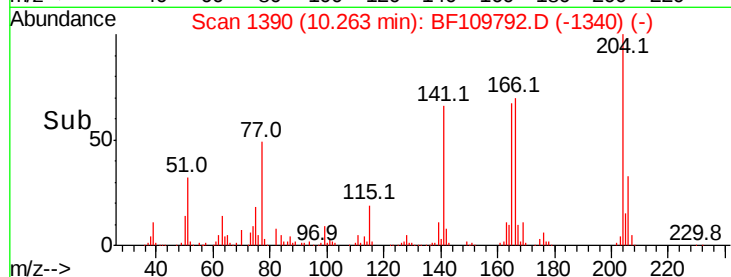
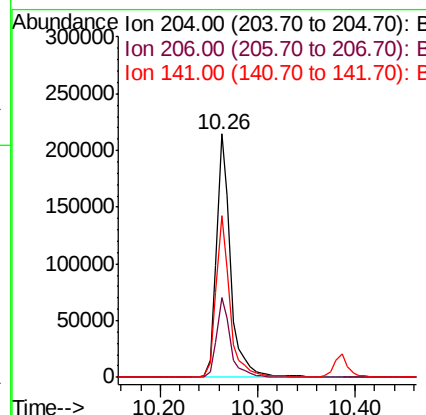
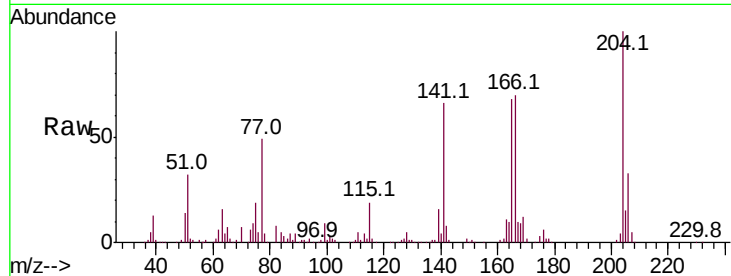
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	66.2	51.8	77.8

Manual Integrations
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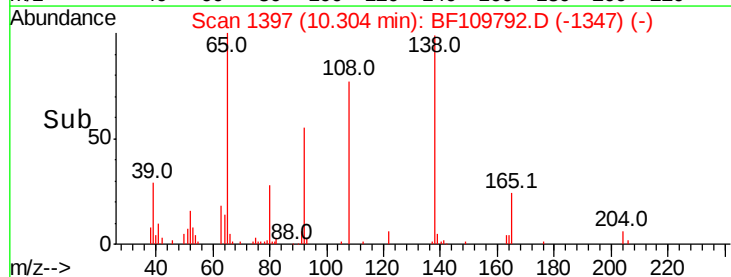
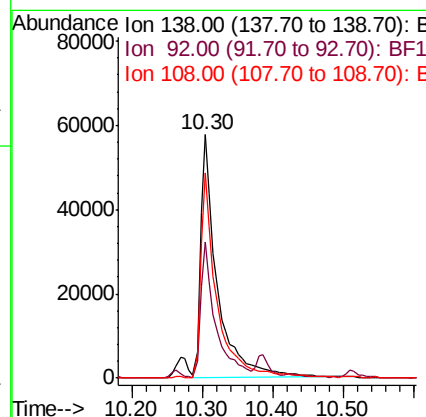
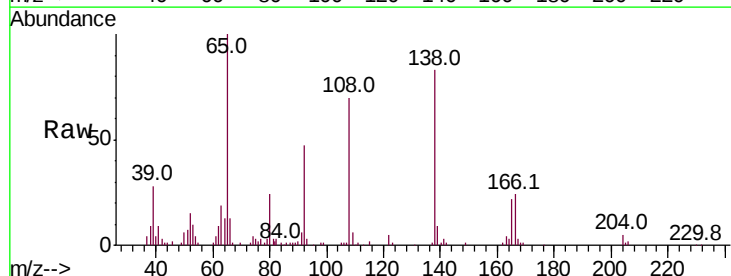
Sohil

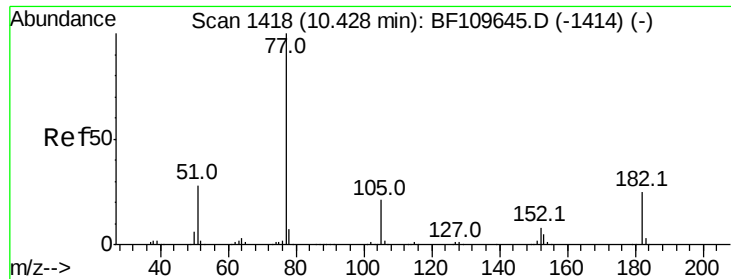
10/12/2018 11:01:22 AM



#61
4-Nitroaniline
Concen: 35.899 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	31.7	71.7
108	84.1	59.3	99.3





#62
Azobenzene
Concen: 40.921 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

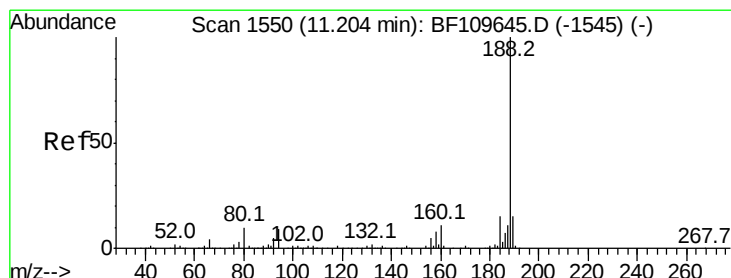
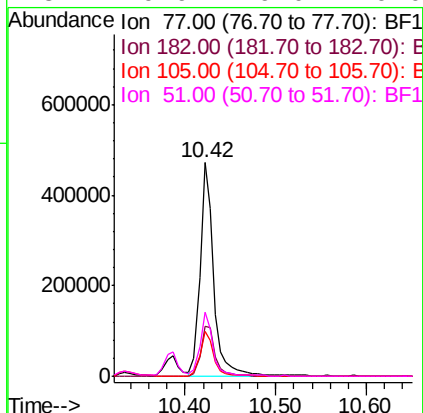
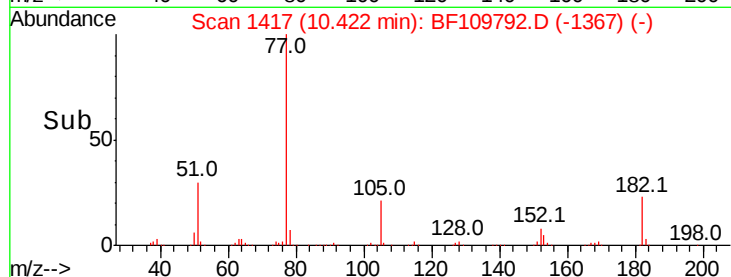
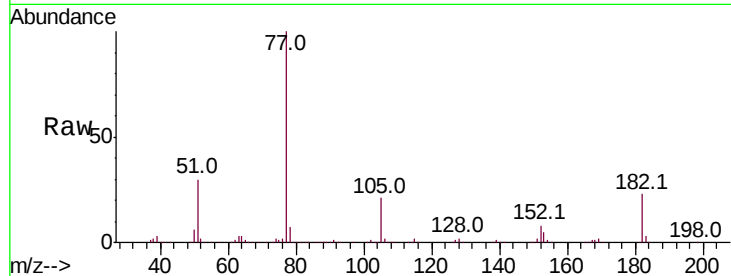
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		489760		
182	23.4	4.3	44.3		
105	21.0	1.3	41.3		
51	29.9	9.0	49.0		

Manual Integrations
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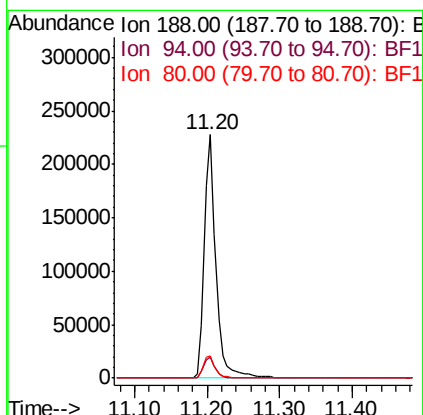
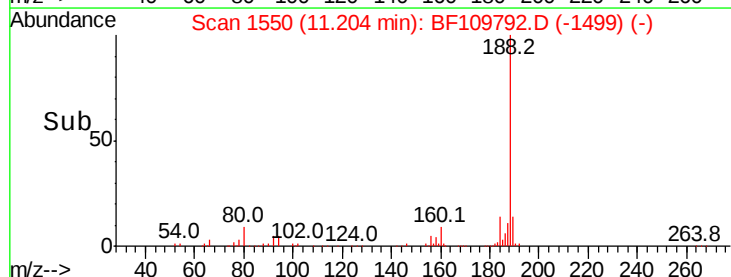
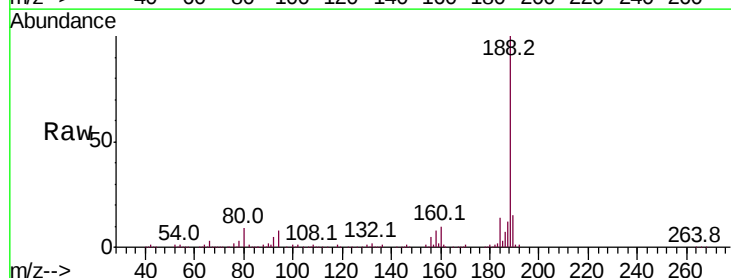
Sohil

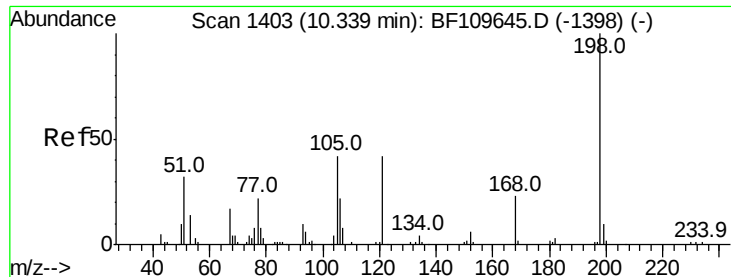
10/12/2018 11:01:22 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		255390		
94	8.4	7.2	10.8		
80	9.0	7.9	11.9		





#64

4,6-Dinitro-2-methylphenol

Concen: 25.365 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-027-AMSD

Tot Ion:198 Resp: 31530

Ion Ratio Lower Upper

198 100

51 53.2 22.8 62.8

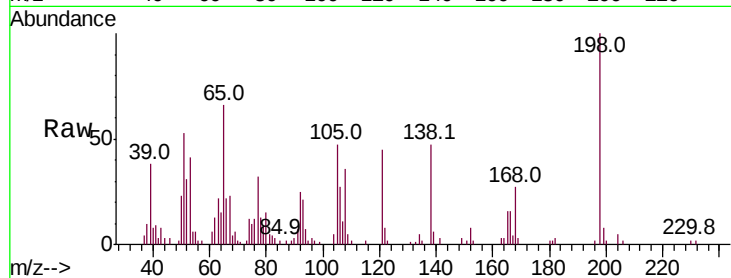
105 47.0 23.6 63.6

Manual Integrations

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Sohil

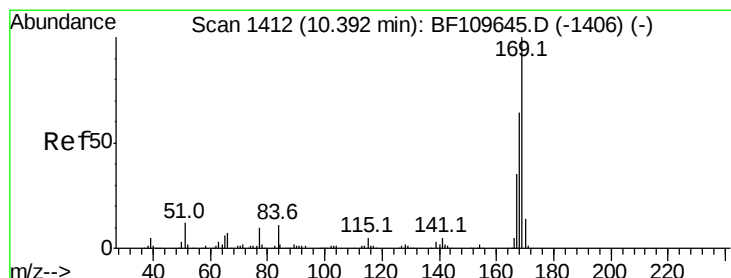
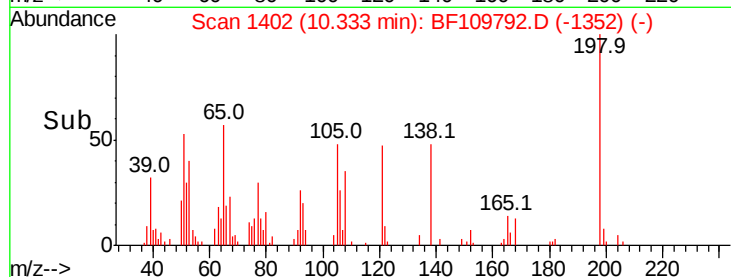
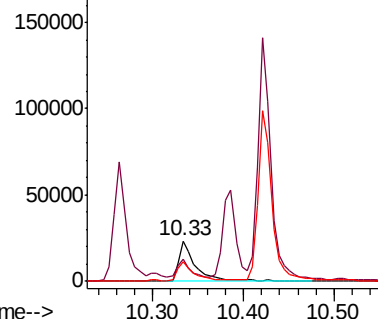
10/12/2018 11:01:22 AM



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: 47.647 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

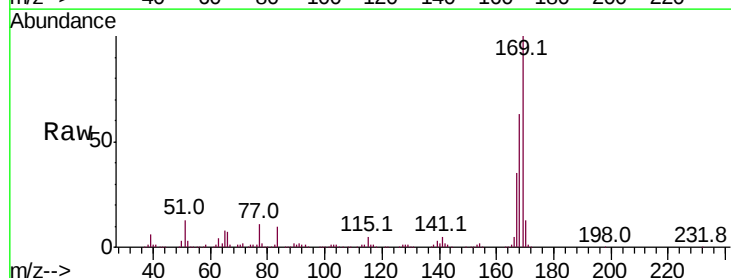
Tgt Ion:169 Resp: 412518

Ion Ratio Lower Upper

169 100

168 62.6 51.2 76.8

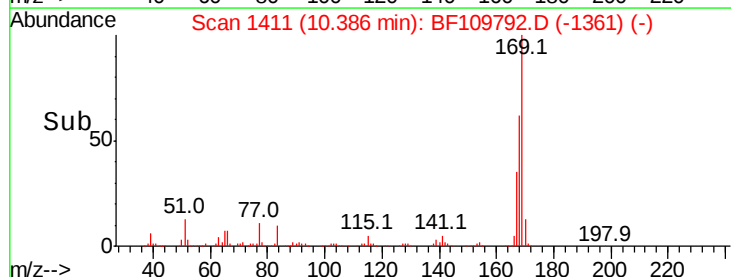
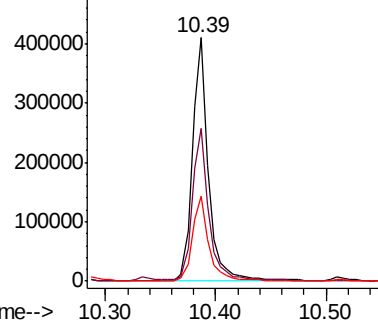
167 34.9 27.8 41.6

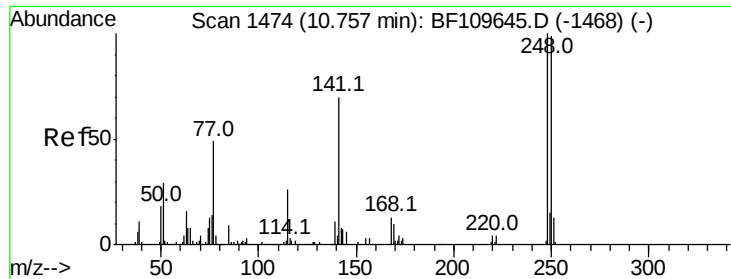


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
4-Bromophenyl-phenylether
Concen: 44.316 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

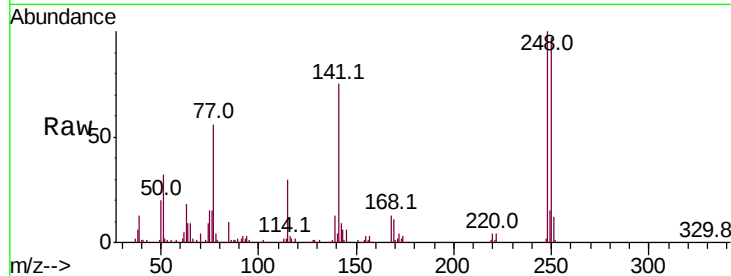
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.2	55.9	83.9

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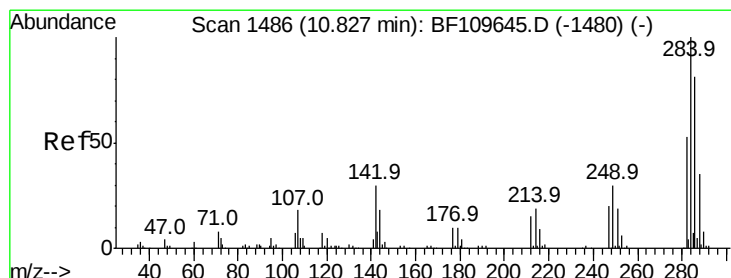
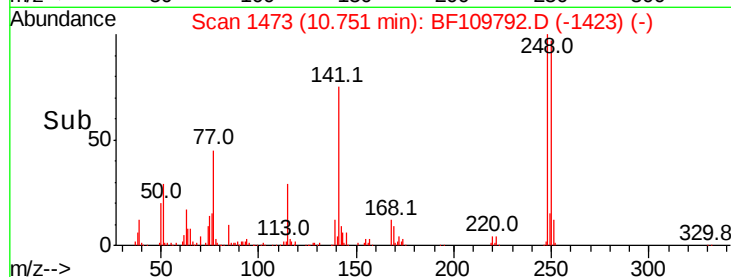
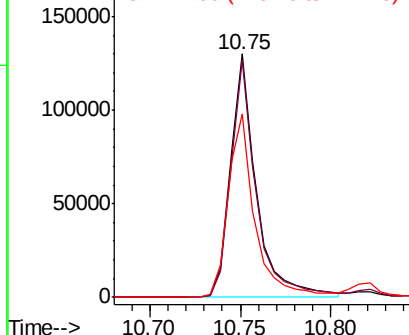


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 40.895 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

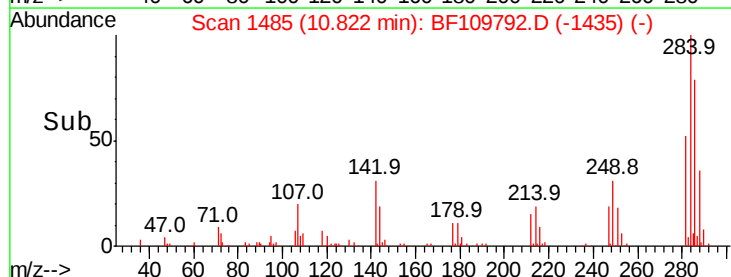
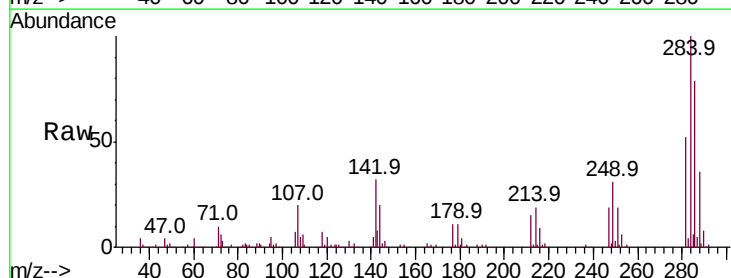
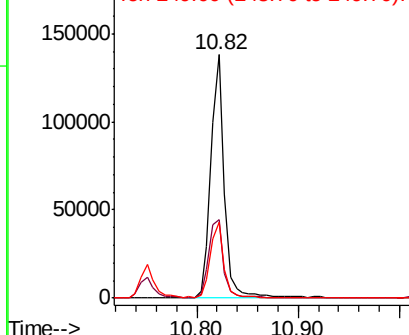
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	23.9	35.9
249	31.4	24.2	36.2

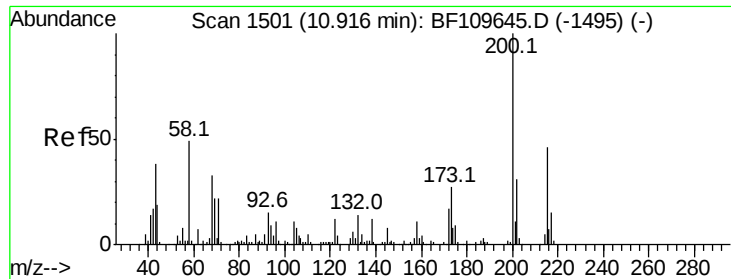
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68
Atrazine
Concen: 45.717 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

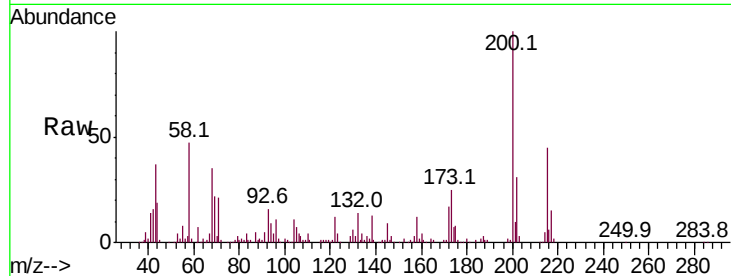
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.6	46.6
215	44.7	26.3	66.3

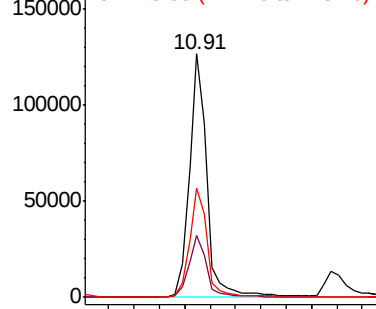
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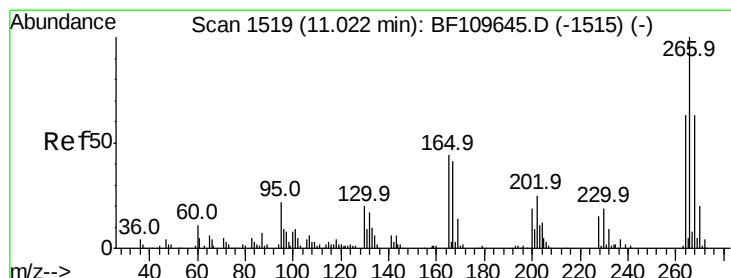
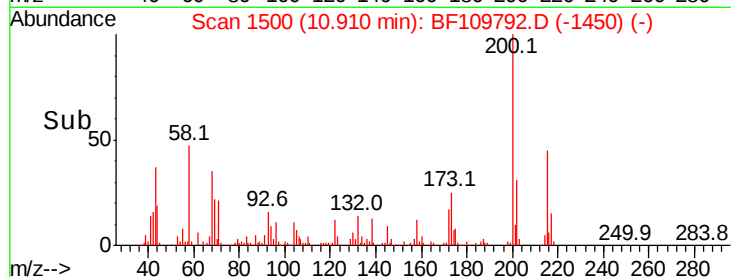
10/12/2018 11:01:22 AM



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



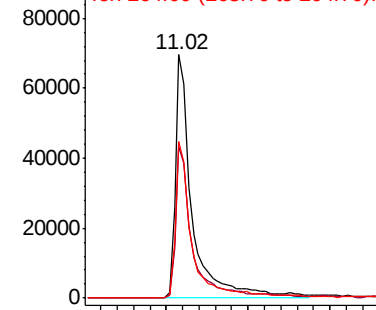
Time-->



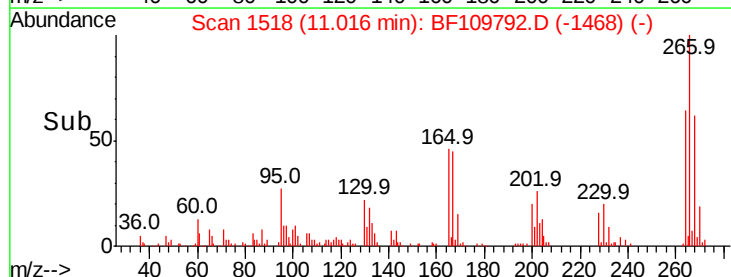
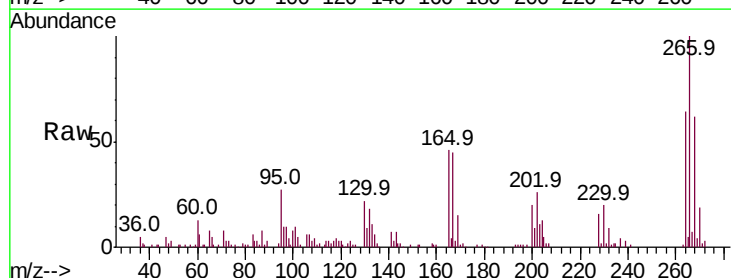
#69
Pentachlorophenol
Concen: 56.363 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

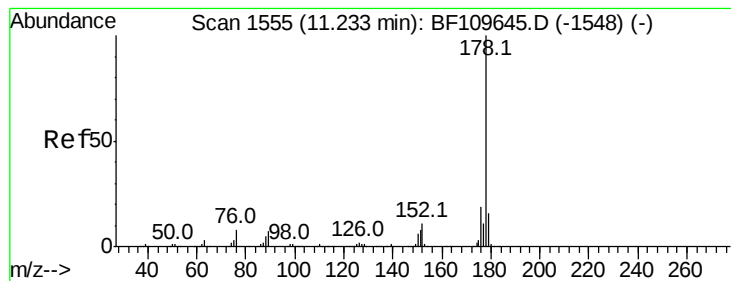
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.6	75.8
264	64.5	50.6	75.8

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



Time-->





#70

Phenanthrene

Concen: 45.054 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

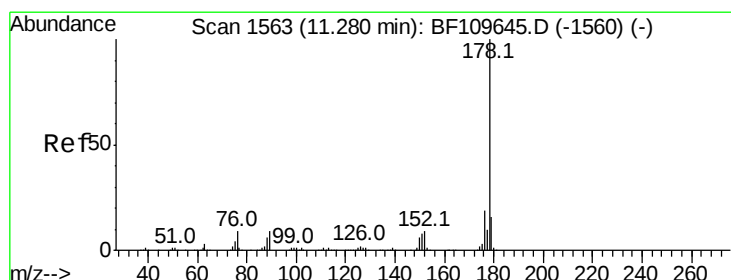
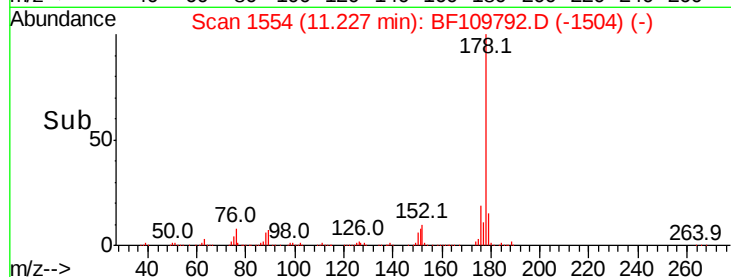
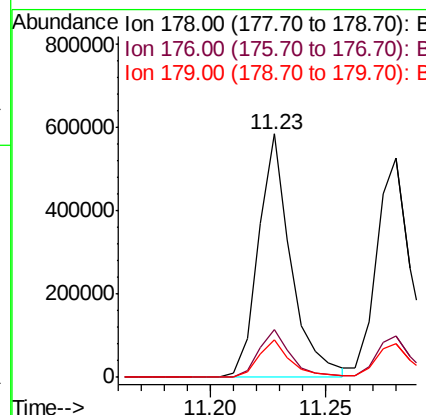
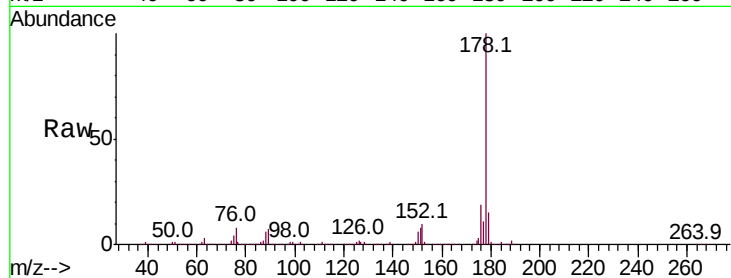
FK-GF-02-027-AMSD

Tot Ion:	178	Resp:	575818
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.4	12.5	18.7

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#71

Anthracene

Concen: 46.335 ng

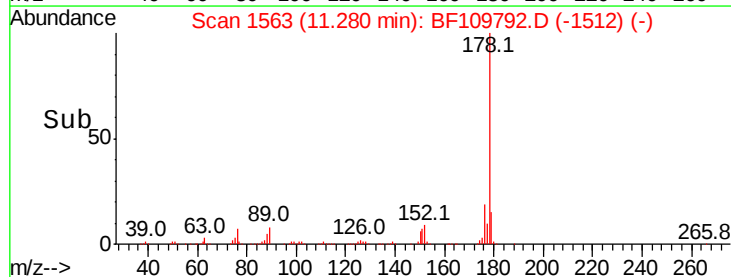
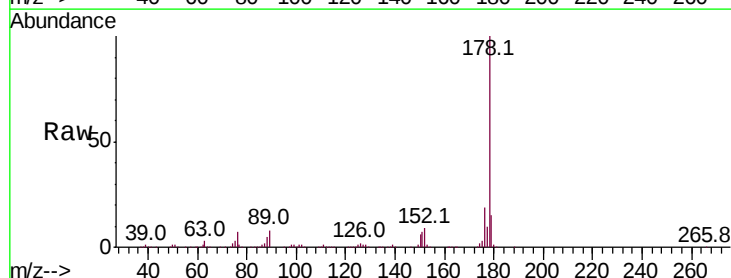
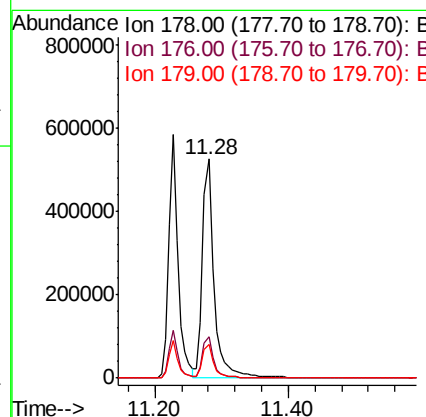
RT: 11.28 min Scan# 1563

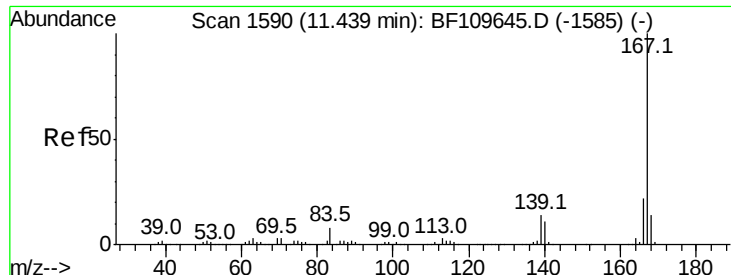
Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	178	Resp:	612170
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.4	12.6	18.8





#72
 Carbazole
 Concen: 39.503 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

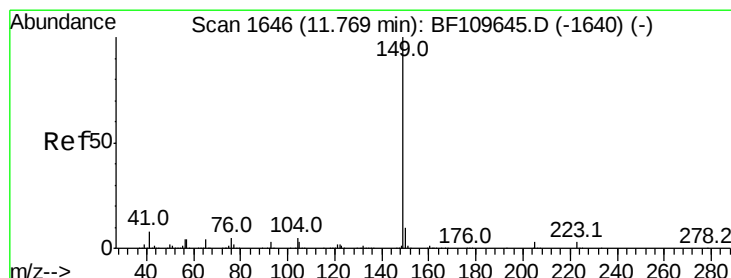
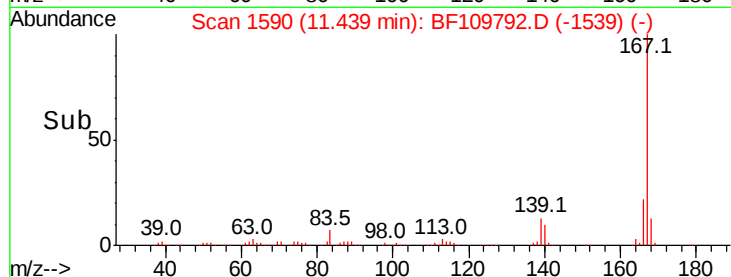
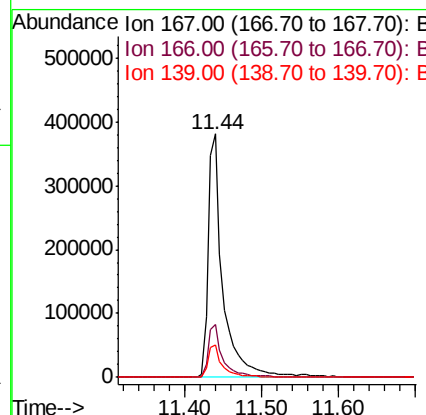
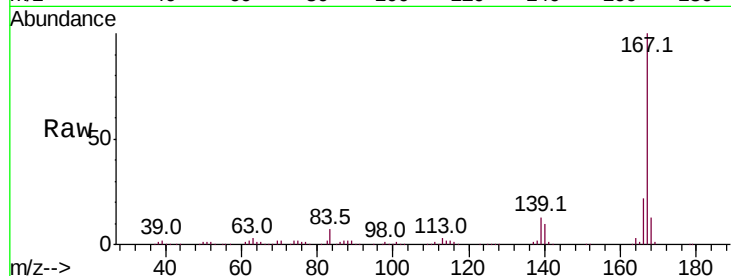
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.3	10.9	16.3

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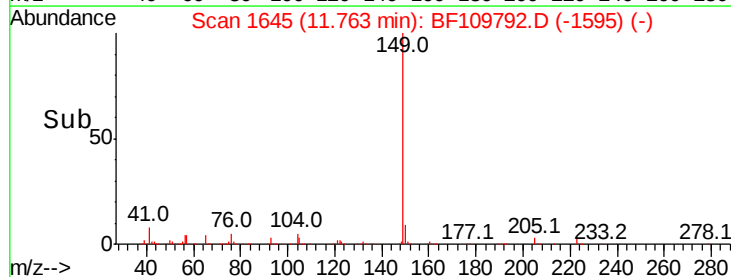
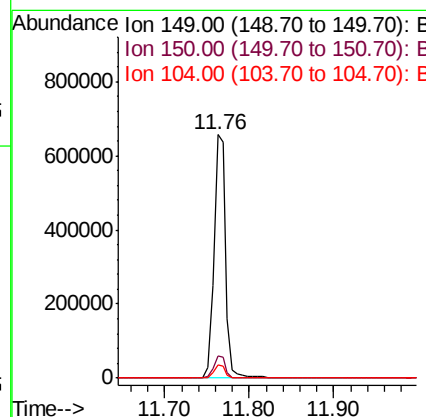
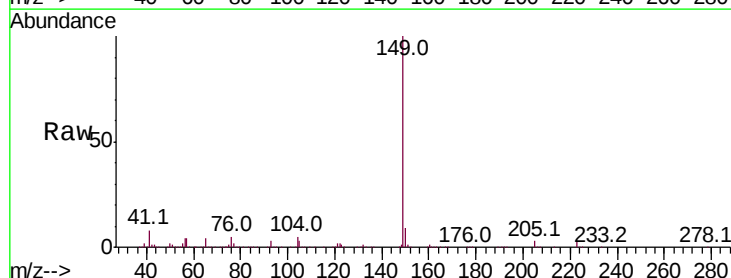
Sohil

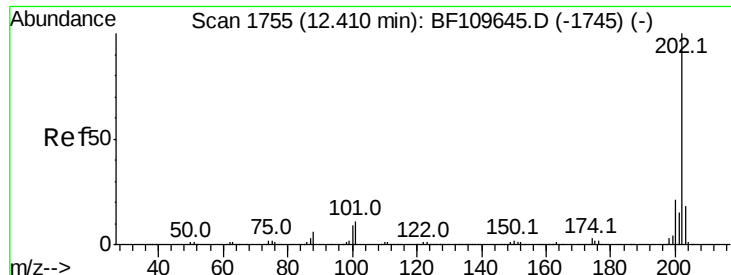
10/12/2018 11:01:22 AM



#73
 Di-n-butylphthalate
 Concen: 43.232 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.3	4.2	6.4





#74
Fluoranthene
 Concen: 44.353 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

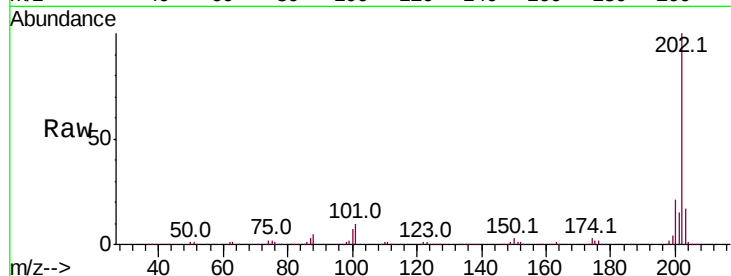
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.4	0.0	37.7

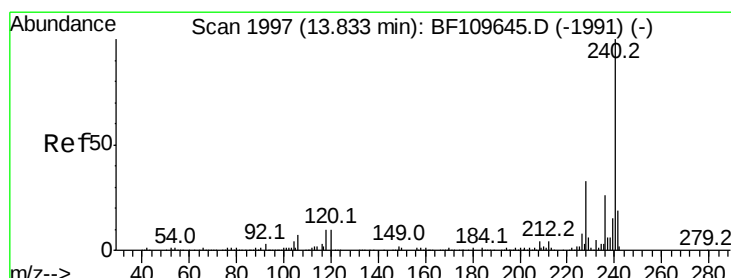
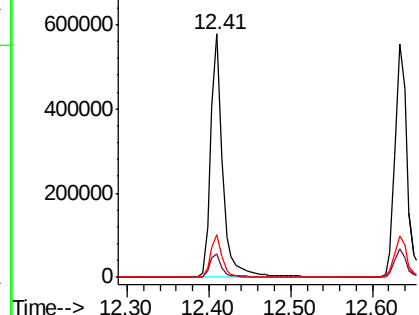
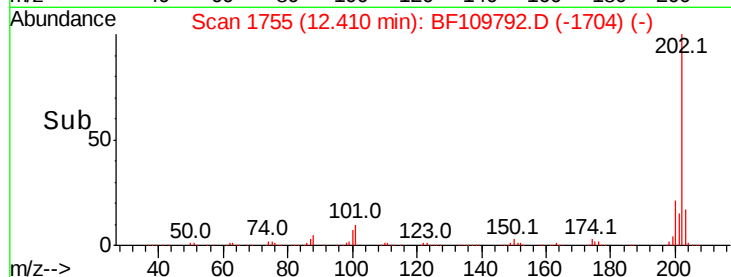
Manual Integrations
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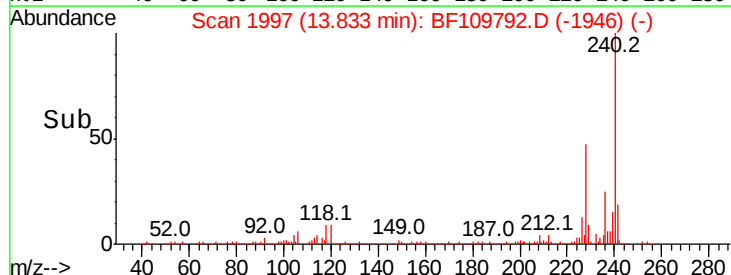
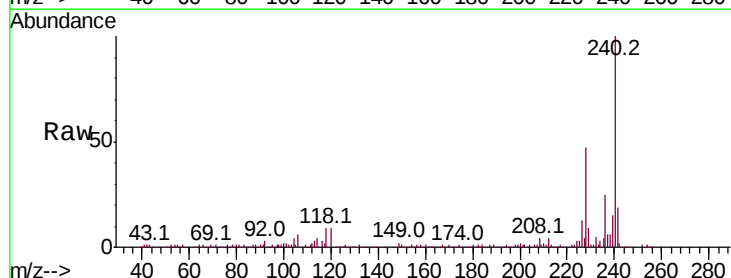


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

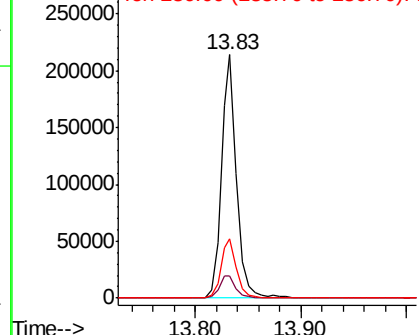


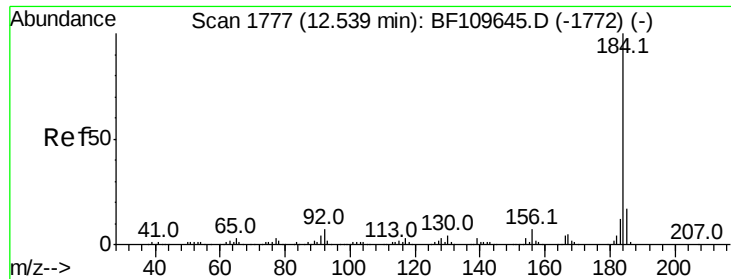
#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	8.3	12.5
236	24.6	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76
Benzidine
Concen: 31.874 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

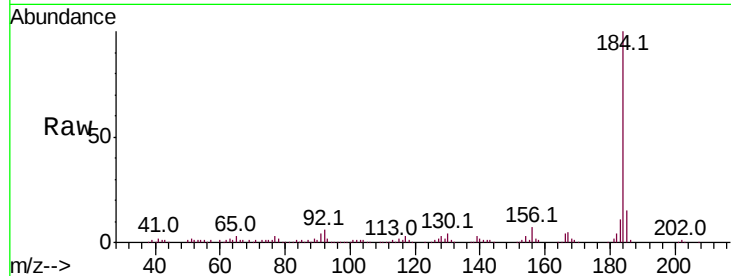
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.2
183	11.5	9.4	14.2

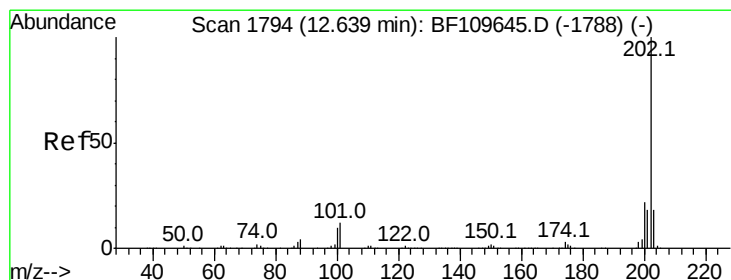
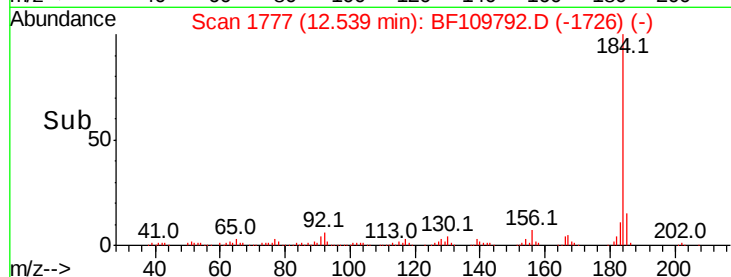
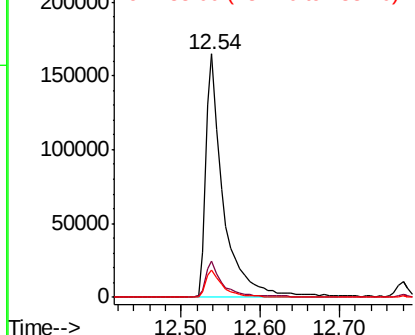
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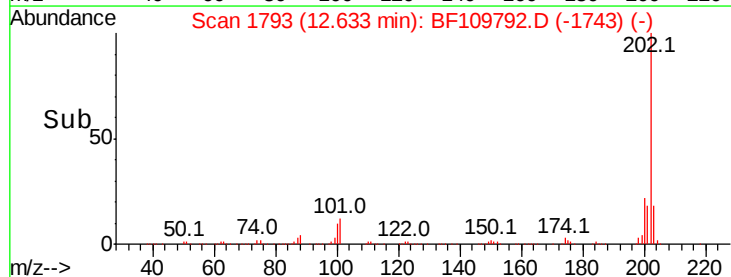
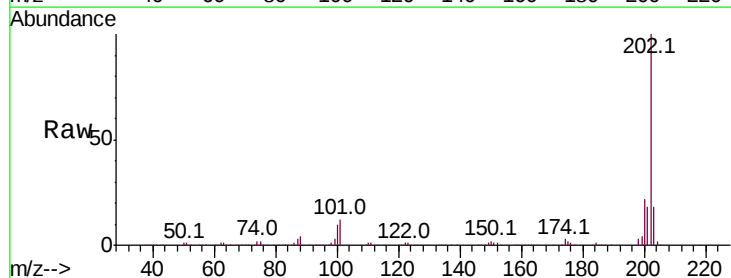
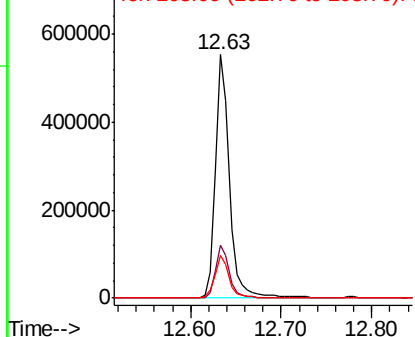
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

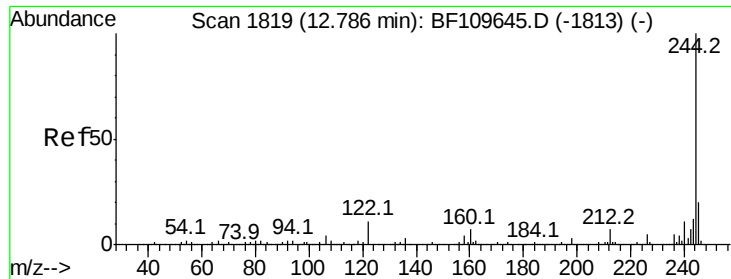


#77
Pyrene
Concen: 37.232 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	17.7	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.753 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

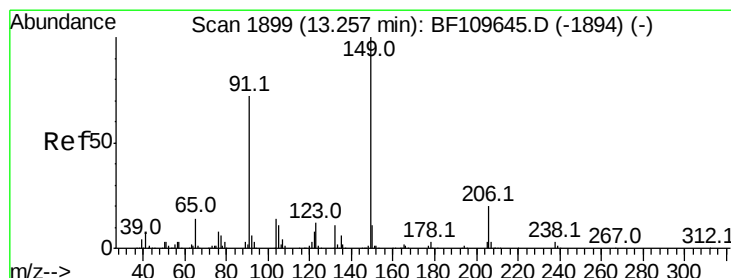
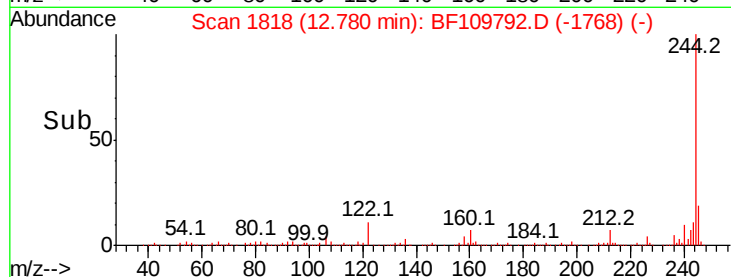
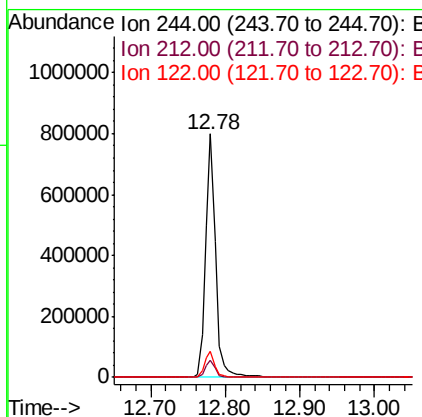
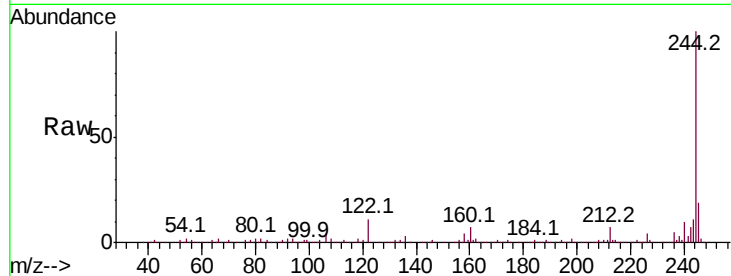
FK-GF-02-027-AMSD

Tot Ion:	244	Resp:	756134
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	10.5	8.7	13.1

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#79

Butylbenzylphthalate

Concen: 36.865 ng

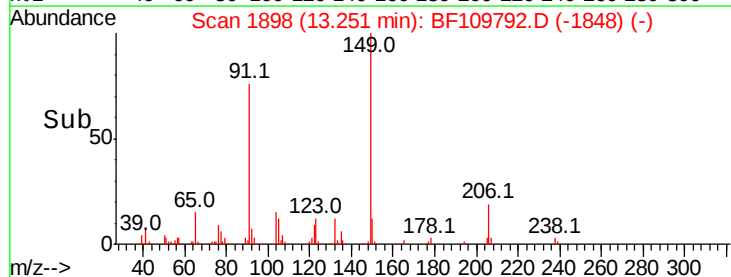
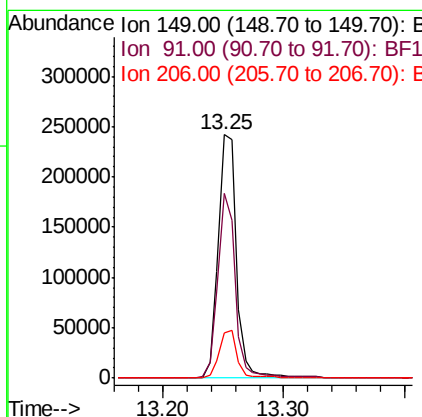
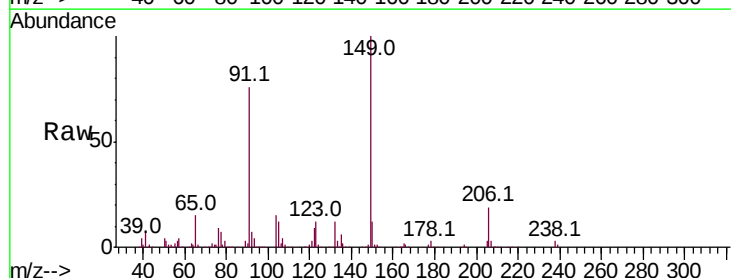
RT: 13.25 min Scan# 1898

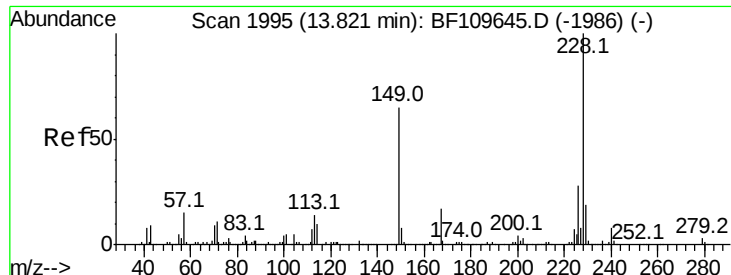
Delta R.T. -0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	149	Resp:	252989
Ion Ratio	Lower	Upper	
149	100		
91	76.0	57.2	85.8
206	18.6	15.7	23.5





#80
Benzo(a)anthracene
Concen: 45.341 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

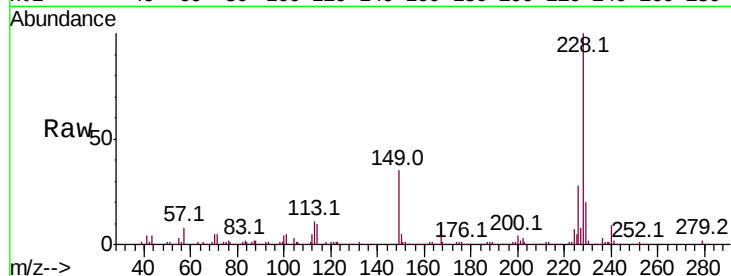
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	19.9	15.6	23.4

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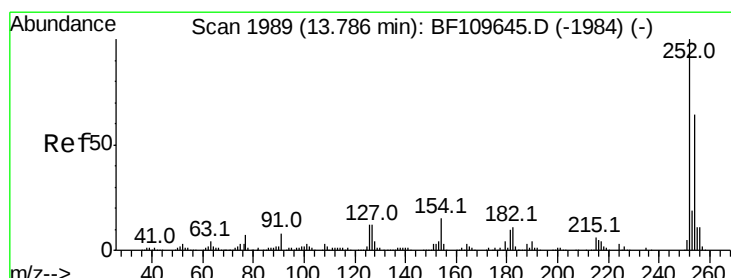
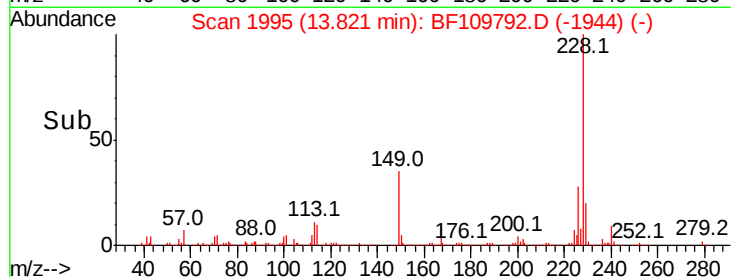
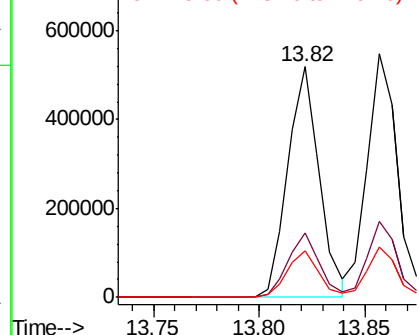


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81
3,3'-Dichlorobenzidine
Concen: 30.465 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

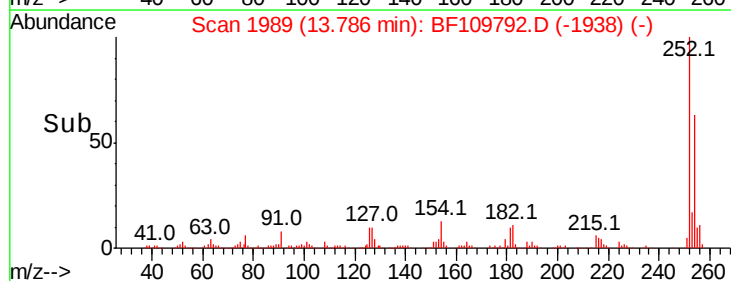
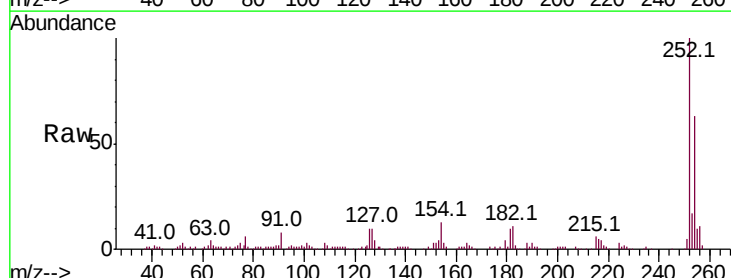
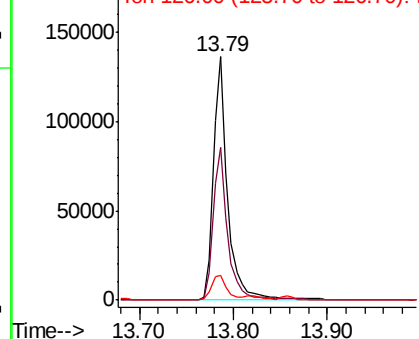
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.3	76.9
126	10.3	9.4	14.2

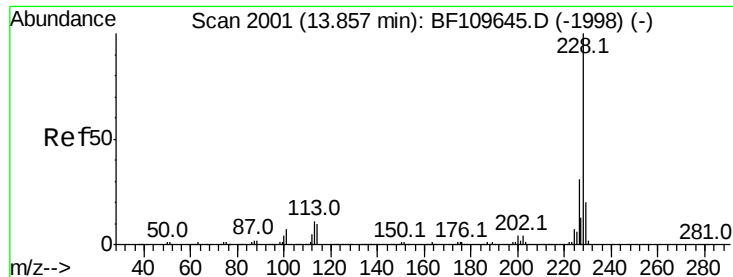
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82
 Chrysene
 Concen: 44.197 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

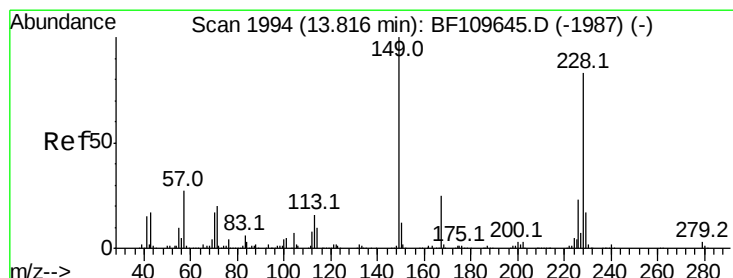
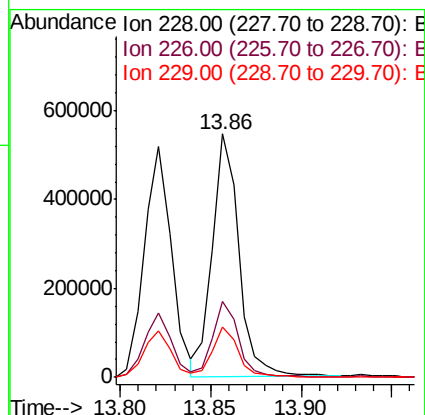
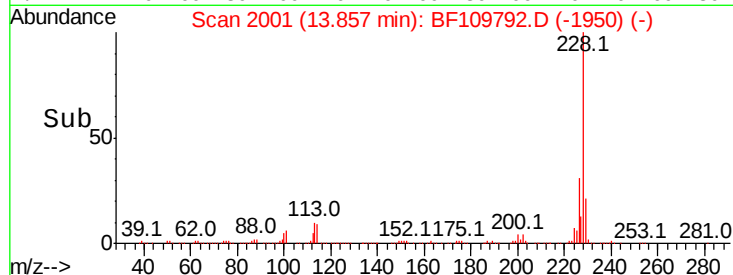
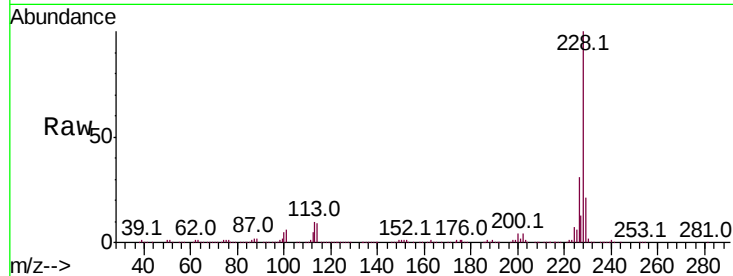
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-027-AMSD

Tot Ion:	228	Resp:	553470
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.7	37.1
229	20.8	15.9	23.9

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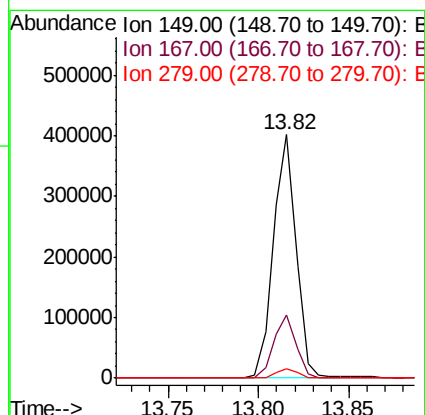
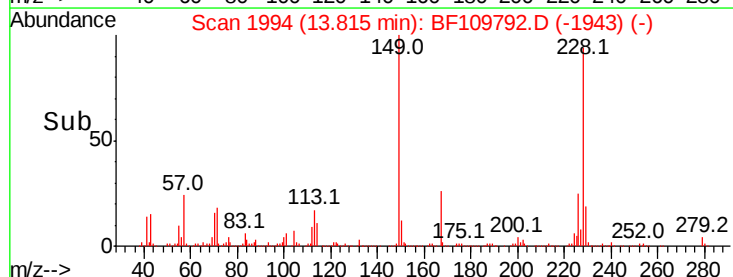
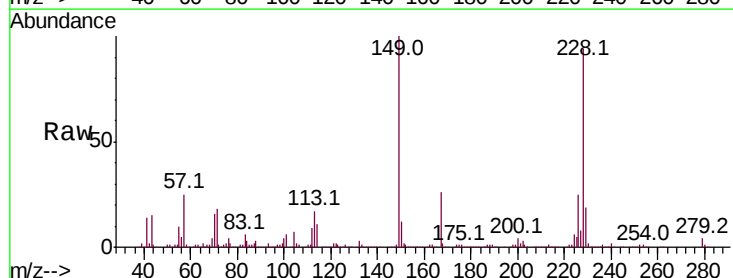
Sohil

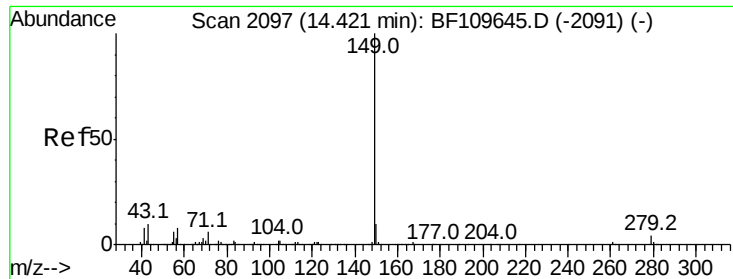
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.572 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109792.D
 Acq: 11 Oct 2018 17:43

Tgt Ion:	149	Resp:	348067
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.8	29.8
279	3.6	2.7	4.1





#84

Di-n-octyl phthalate

Concen: 50.980 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

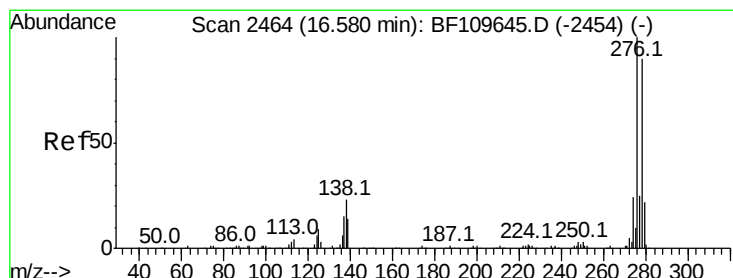
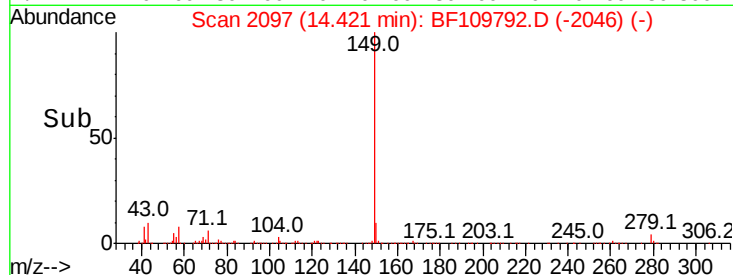
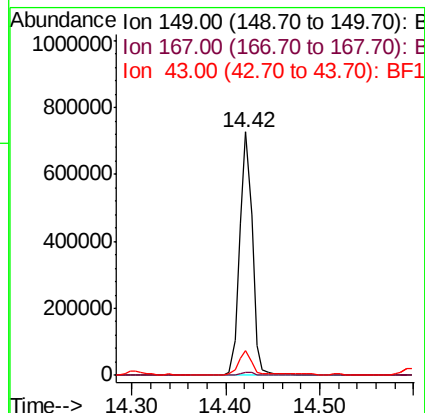
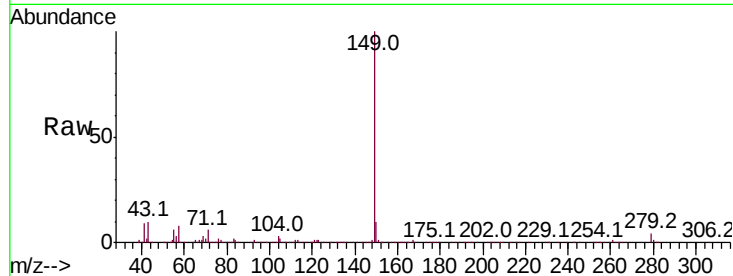
FK-GF-02-027-AMSD

Tot Ion:	149	Resp:	674678
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.1	1.7#
43	9.7	7.8	11.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 59.782 ng

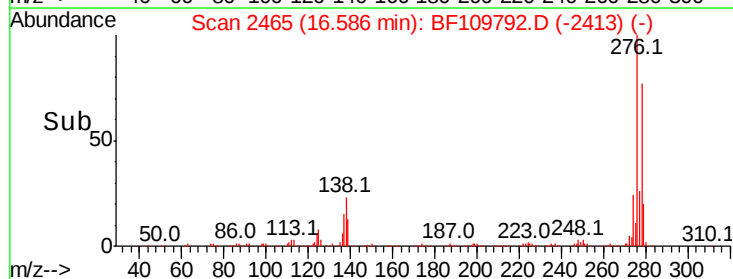
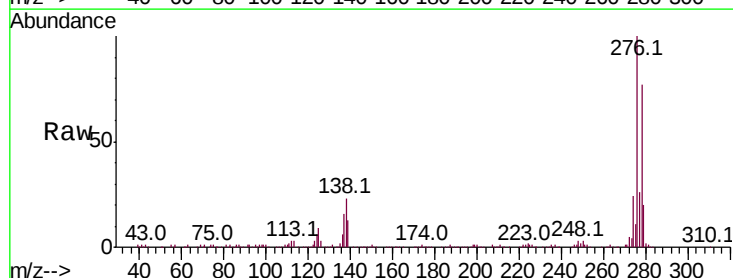
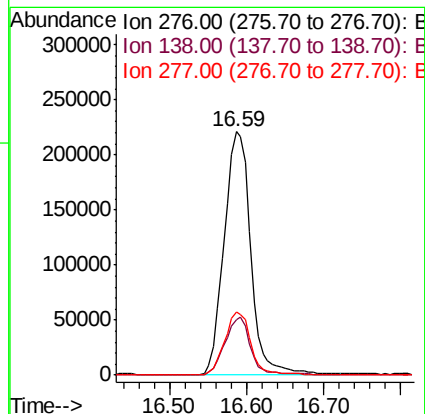
RT: 16.59 min Scan# 2465

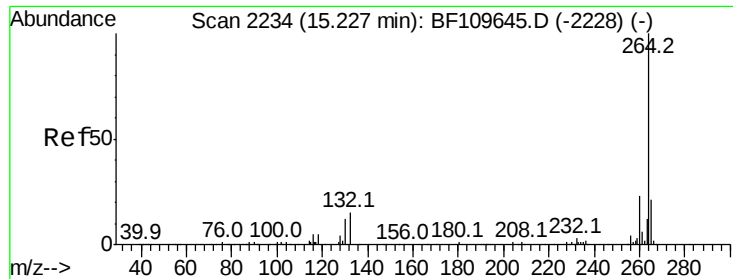
Delta R.T. 0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	276	Resp:	535846
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.5	27.7
277	25.0	20.0	30.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

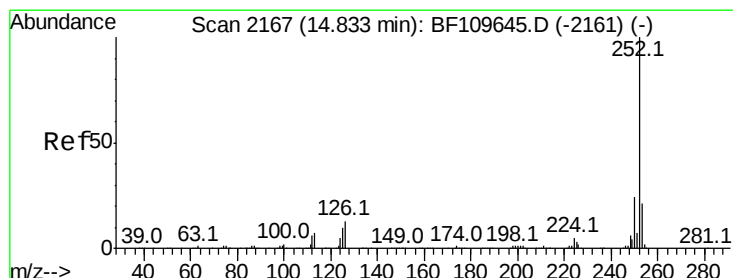
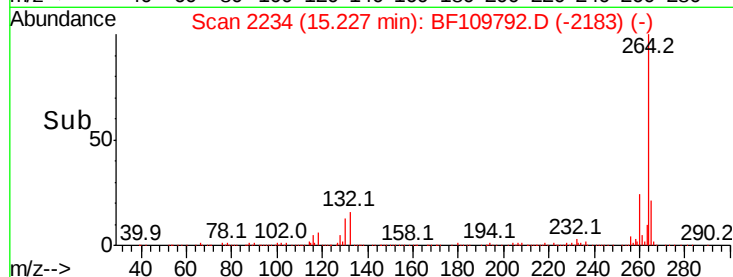
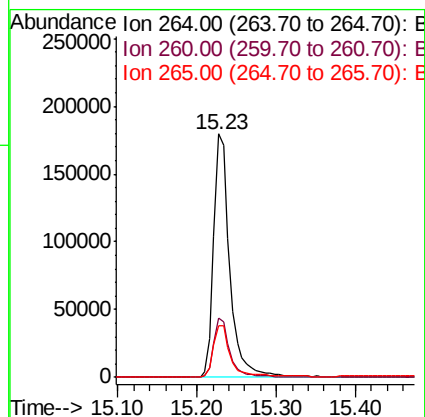
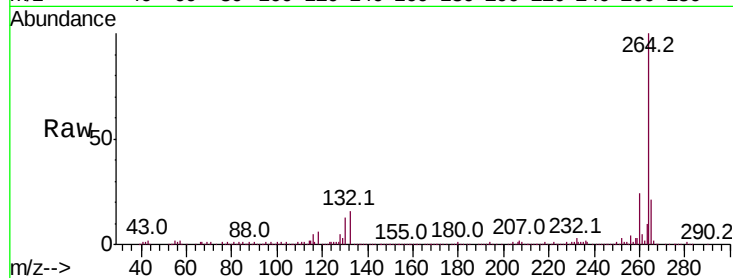
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.0	16.7	25.1

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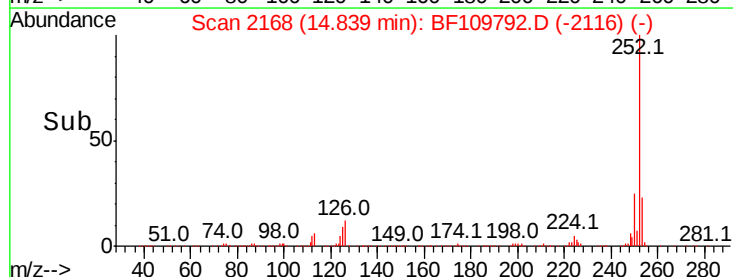
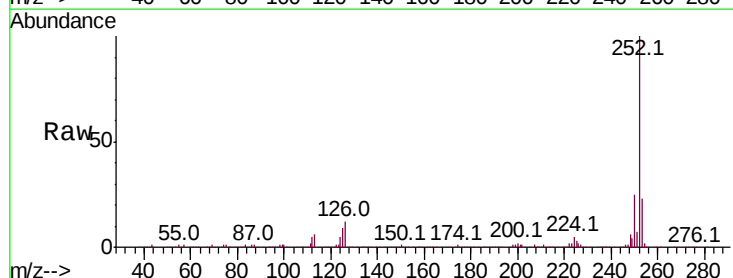
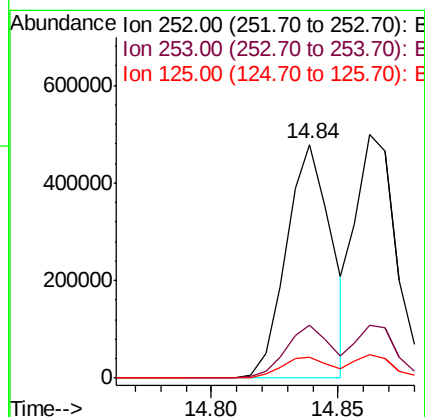
Sohil

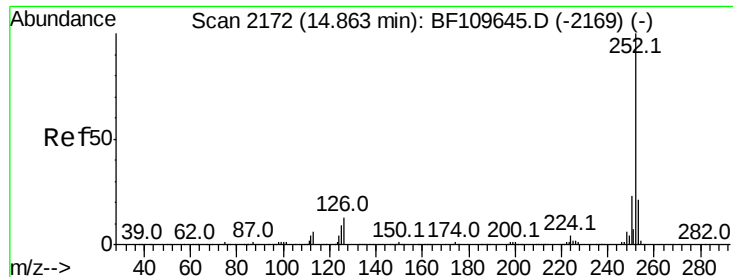
10/12/2018 11:01:22 AM



#87
Benzo(b)fluoranthene
Concen: 41.724 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.0	8.2	12.4





#88
Benzo(k)fluoranthene
Concen: 39.759 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

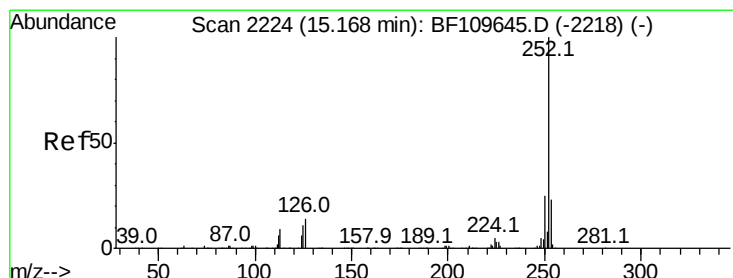
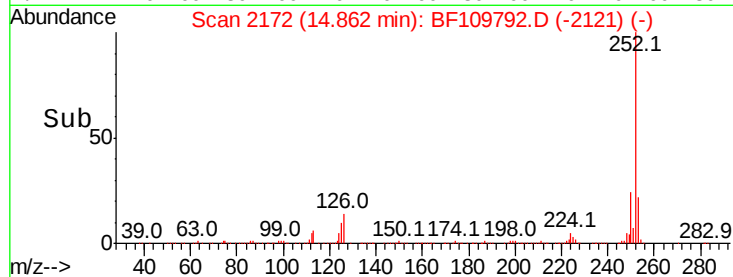
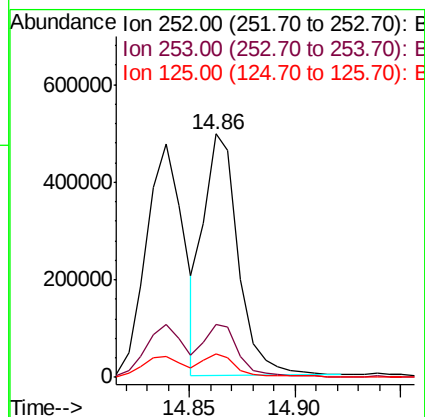
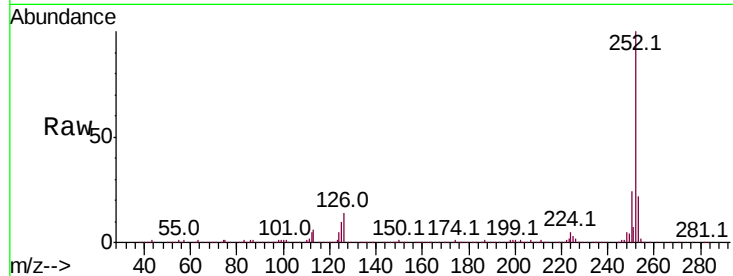
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-027-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.8	7.4	11.0

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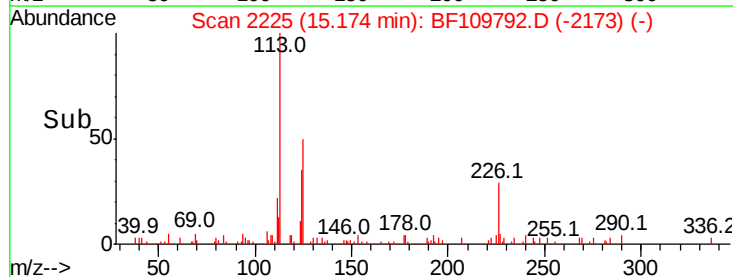
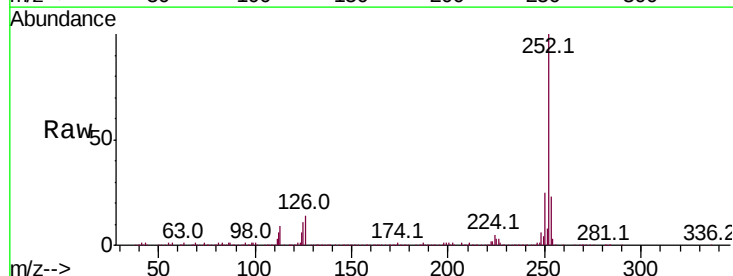
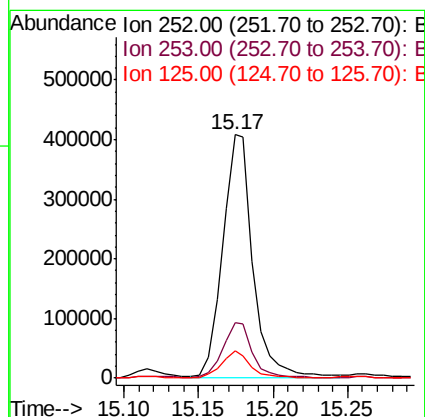
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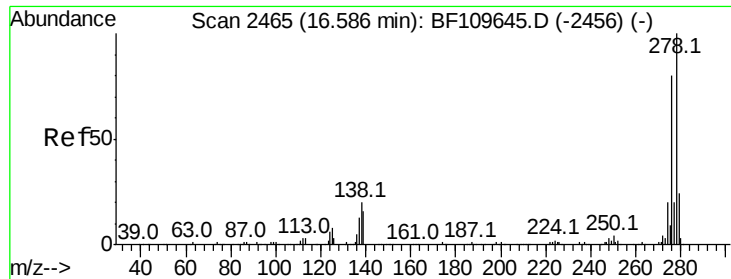
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#89
Benzo(a)pyrene
Concen: 45.072 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109792.D
Acq: 11 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.0	9.0	13.6





#90

Dibenzo(a,h)anthracene

Concen: 41.621 ng

RT: 16.60 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Instrument :

BNA_F

ClientSampleId :

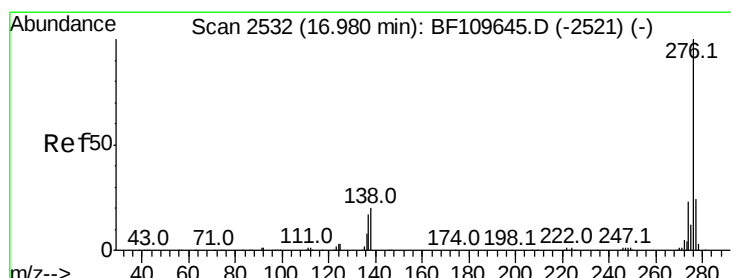
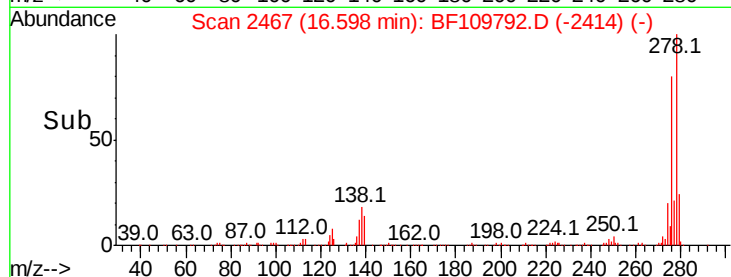
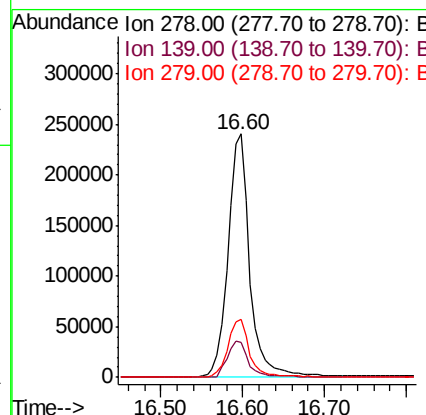
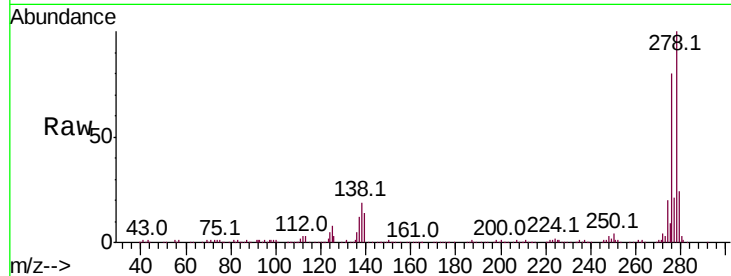
FK-GF-02-027-AMSD

Tot Ion:	278	Resp:	439494
Ion Ratio	Lower	Upper	
278	100		
139	14.1	12.7	19.1
279	24.1	19.0	28.4

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#91

Benzo(g,h,i)perylene

Concen: 38.756 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109792.D

Acq: 11 Oct 2018 17:43

Tgt Ion:	276	Resp:	408666
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.8	28.2
138	18.5	16.0	24.0

