

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109214.D
 Acq On : 22 Sep 2018 11:55
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil

Quant Time: Sep 22 12:32:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 11:08:16 2018
 Response via : Initial Calibration

9/24/2018 11:38:38 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	100648	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	398859	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192678	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	375506	20.00	ng	0.00
75) Chrysene-d12	13.84	240	238047	20.00	ng	0.00
86) Perylene-d12	15.24	264	220265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	895873	147.84	ng	0.00
7) Phenol-d6	6.36	99	1133158	145.02	ng	0.01
23) Nitrobenzene-d5	7.28	82	1074180	151.05	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	285730	136.64	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1728653	140.56	ng	0.00
78) Terphenyl-d14	12.80	244	1523999	151.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	216593	75.086	ng	93
3) Pyridine	3.06	79	585375	76.551	ng	92
4) n-Nitrosodimethylamine	3.02	42	251340	87.029	ng	# 99
6) Aniline	6.38	93	714712	70.765	ng	97
8) 2-Chlorophenol	6.50	128	488526	72.037	ng	99
10) Phenol	6.37	94	642149	73.036	ng	# 67
11) bis(2-Chloroethyl)ether	6.46	93	504032	72.869	ng	97
12) 1,3-Dichlorobenzene	6.65	146	567003	73.110	ng	97
13) 1,4-Dichlorobenzene	6.73	146	570395	73.312	ng	100
14) 1,2-Dichlorobenzene	6.89	146	505411	70.069	ng	98
15) Benzyl Alcohol	6.86	79	437011	73.667	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	718487	72.496	ng	95
17) 2-Methylphenol	6.97	107	406208	73.418	ng	93
18) Hexachloroethane	7.22	117	207296	73.359	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	383460	74.242	ng	99
20) 3+4-Methylphenols	7.13	107	463887	69.616	ng	# 73
22) Acetophenone	7.13	105	663246	73.222	ng	# 90
24) Nitrobenzene	7.30	77	554152	75.581	ng	94
25) Isophorone	7.55	82	931103	76.170	ng	98
26) 2-Nitrophenol	7.61	139	245945	71.839	ng	92
27) 2,4-Dimethylphenol	7.66	122	393907	73.350	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	592983	72.086	ng	99
29) 2,4-Dichlorophenol	7.86	162	419815	73.359	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	444495	71.854	ng	96
31) Naphthalene	8.02	128	1312009	70.871	ng	99
32) Benzoic acid	7.82	122	311025	88.636	ng	99
33) 4-Chloroaniline	8.06	127	568334	69.047	ng	97
34) Hexachlorobutadiene	8.14	225	271960	72.012	ng	99
35) Caprolactam	8.46	113	142722m	76.495	ng	
36) 4-Chloro-3-methylphenol	8.56	107	442793	73.501	ng	99
37) 2-Methylnaphthalene	8.70	142	852741	70.663	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	423109	69.770	ng	98
40) Hexachlorocyclopentadiene	8.86	237	221069	72.352	ng	100
42) 2,4,6-Trichlorophenol	8.99	196	301130	73.876	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	314033	73.724	nq	96
45) 1,1'-Biphenyl	9.17	154	1062342	68.916	nq	98
46) 2-Chloronaphthalene	9.19	162	874288	70.820	nq	100
47) 2-Nitroaniline	9.29	65	287870	75.851	nq	90
48) Acenaphthylene	9.61	152	1307327	70.237	nq	100
49) Dimethylphthalate	9.48	163	1006372	73.077	nq	99
50) 2,6-Dinitrotoluene	9.53	165	226081	74.027	nq	89
51) Acenaphthene	9.78	154	784624	67.697	nq	99
52) 3-Nitroaniline	9.70	138	259076	72.042	nq	95
53) 2,4-Dinitrophenol	9.80	184	80146	68.093	nq	# 21
54) Dibenzofuran	9.95	168	1157799	69.127	nq	97
55) 4-Nitrophenol	9.86	139	195786	73.893	nq	88
56) 2,4-Dinitrotoluene	9.94	165	283020	70.860	nq	# 92
57) Fluorene	10.29	166	811801	72.732	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	255359	72.401	nq	91
59) Diethylphthalate	10.17	149	1010595	72.669	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	418797	70.072	nq	93
61) 4-Nitroaniline	10.32	138	254480	74.483	nq	94
62) Azobenzene	10.45	77	1035438	72.737	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	128387	71.460	nq	98
65) n-Nitrosodiphenylamine	10.40	169	889303	72.401	nq	96
66) 4-Bromophenyl-phenylether	10.77	248	298535	70.520	nq	93
67) Hexachlorobenzene	10.84	284	319362	70.528	nq	94
68) Atrazine	10.93	200	267364	67.997	nq	98
69) Pentachlorophenol	11.03	266	220398	76.076	nq	98
70) Phenanthrene	11.25	178	1304695	70.879	nq	99
71) Anthracene	11.30	178	1301419	69.746	nq	99
72) Carbazole	11.45	167	1316478	71.272	nq	100
73) Di-n-butylphthalate	11.79	149	1507212	69.708	nq	99
74) Fluoranthene	12.43	202	1359031	69.935	nq	97
76) Benzdine	12.54	184	545297	64.712	nq	96
77) Pyrene	12.66	202	1411909	79.851	nq	99
79) Butylbenzylphthalate	13.27	149	639520	80.977	nq	95
80) Benzo(a)anthracene	13.83	228	1075647	74.635	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	398203	68.470	nq	# 96
82) Chrysene	13.87	228	1104092	76.570	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	724516	75.768	nq	100
84) Di-n-octyl phthalate	14.44	149	1230632	75.884	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	918021	79.633	nq	# 93
87) Benzo(b)fluoranthene	14.85	252	955416	78.406	nq	97
88) Benzo(k)fluoranthene	14.88	252	817779	71.852	nq	# 97
89) Benzo(a)pyrene	15.19	252	829940	76.693	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	741818	81.593	nq	# 95
91) Benzo(q,h,i)perylene	17.00	276	784032	86.256	nq	# 92

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

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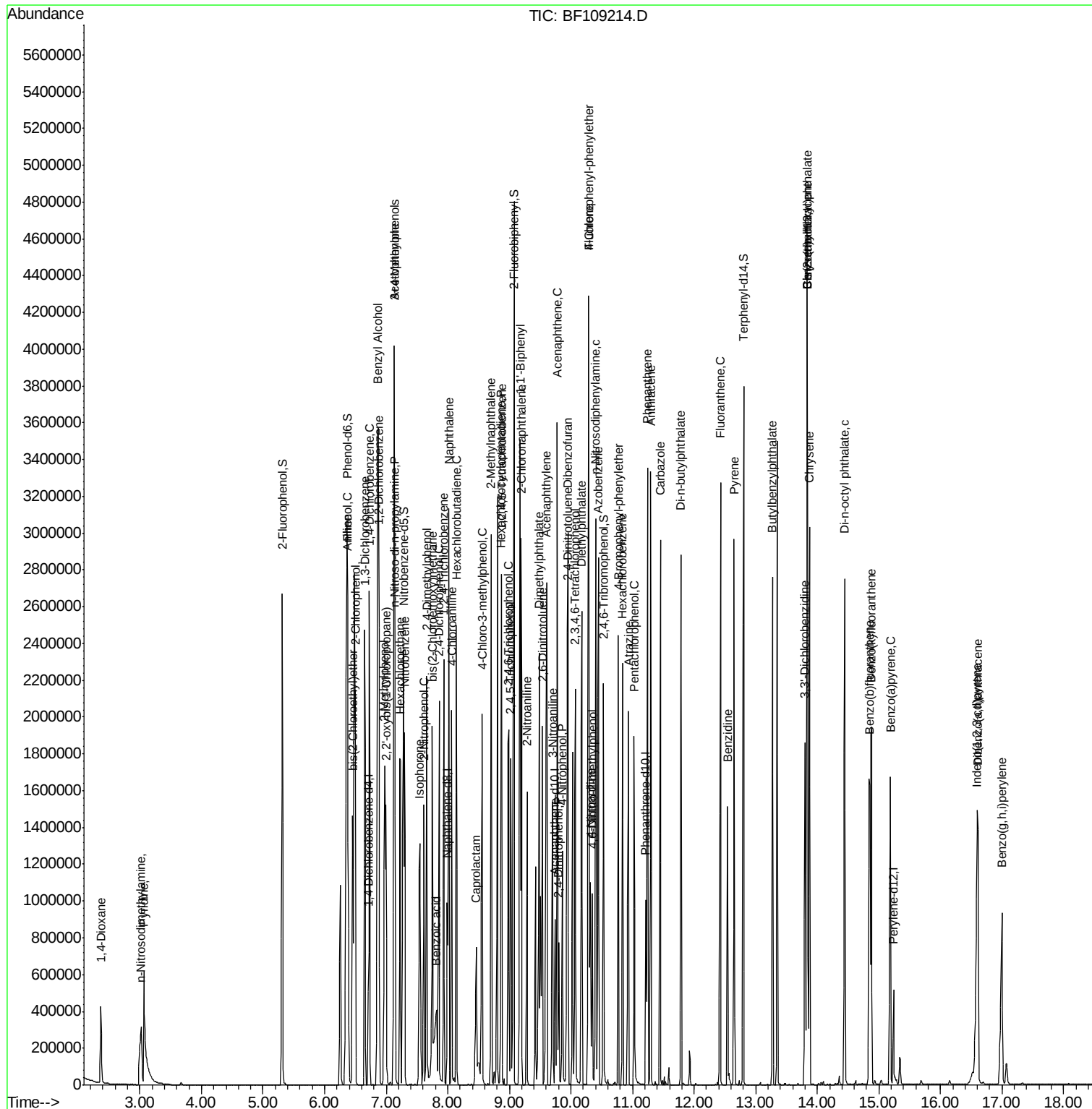
Instrument :
BNA_F
ClientSampled :
SSTDICC080

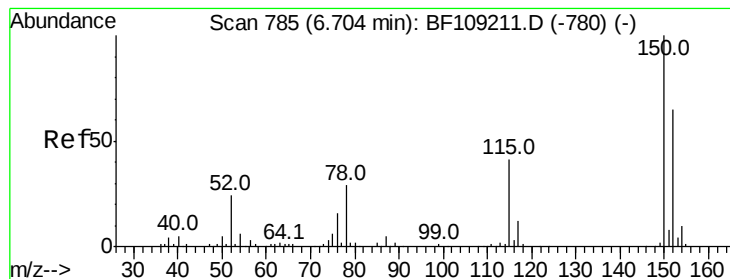
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

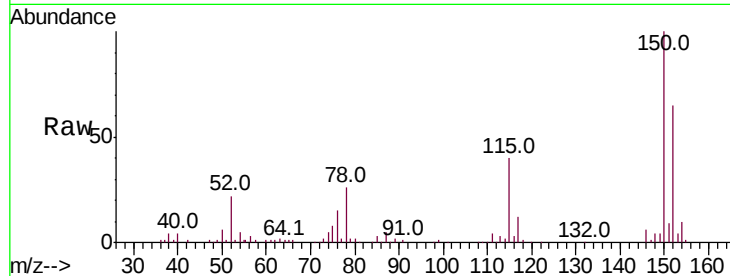
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.6	50.1	75.1

Manual Integrations
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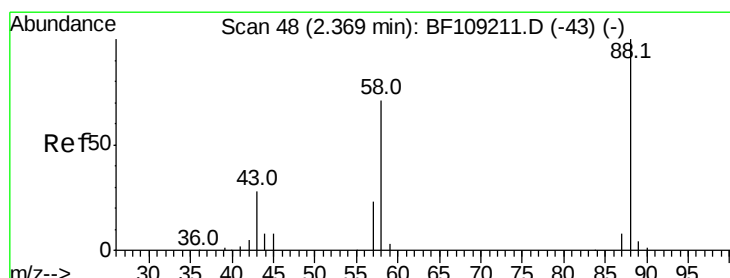
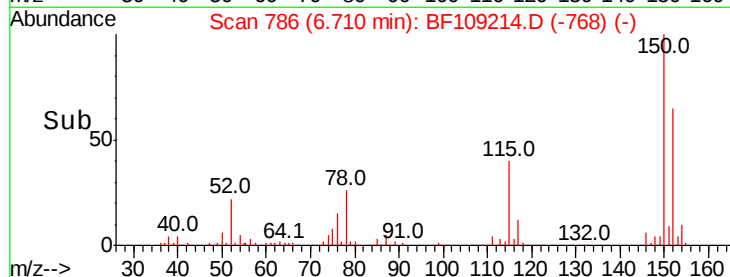
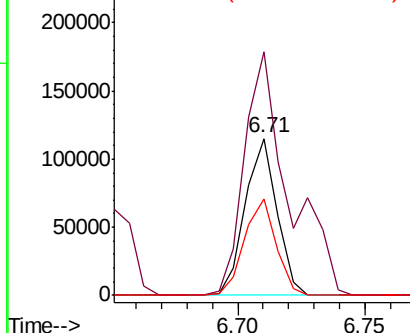


Abundance

Ion 152.00 (151.70 to 152.70): E

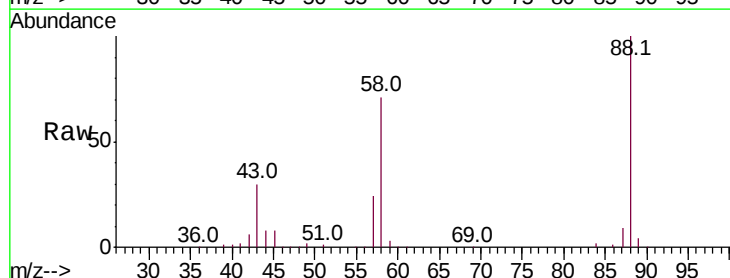
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 75.086 ng
 RT: 2.37 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	62.6	93.8
43	30.4	24.6	37.0

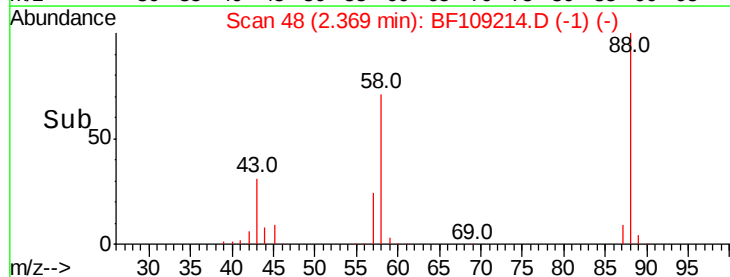
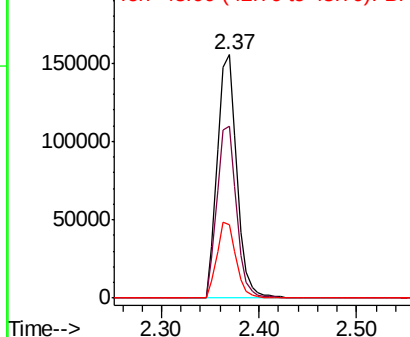


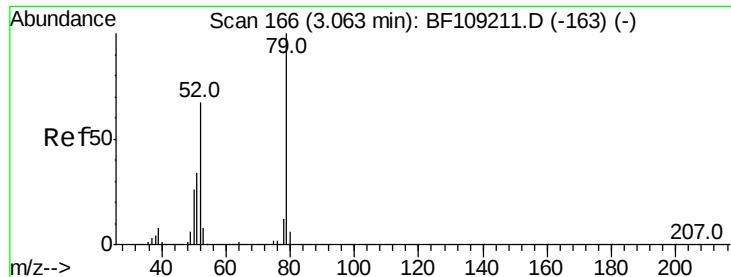
Abundance

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: 76.551 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.00 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

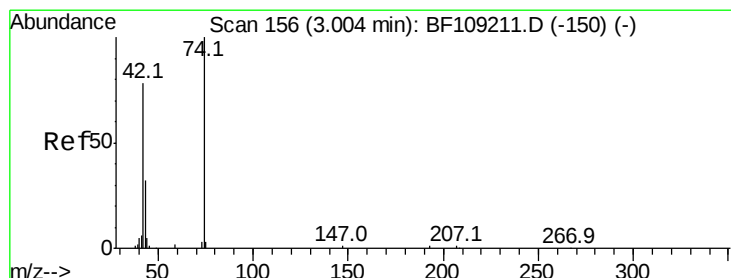
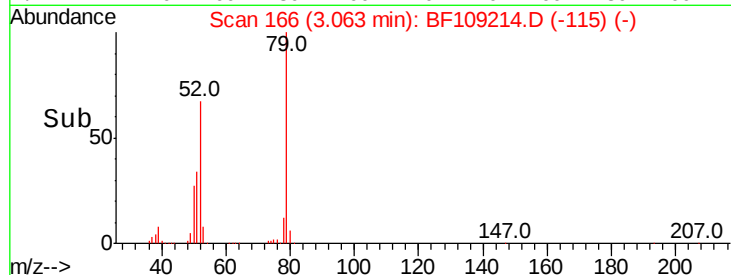
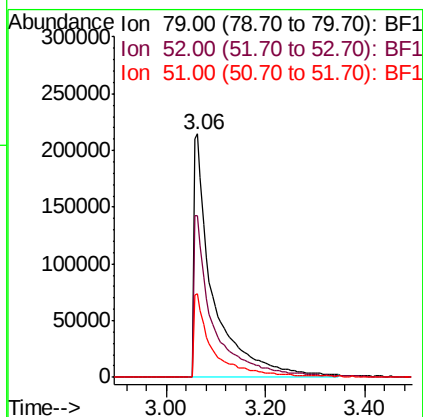
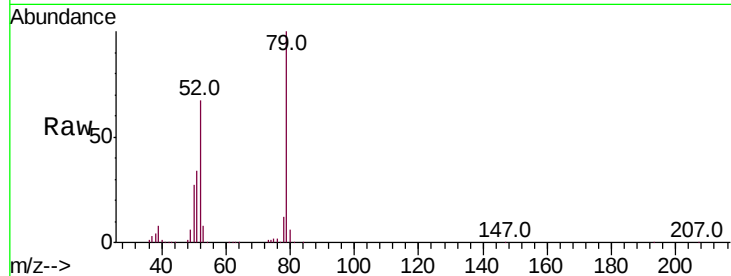
SSTDICC080

Tot Ion:	79	Resp:	585375
Ion Ratio	Lower	Upper	
79	100		
52	66.7	59.8	89.6
51	34.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 87.029 ng

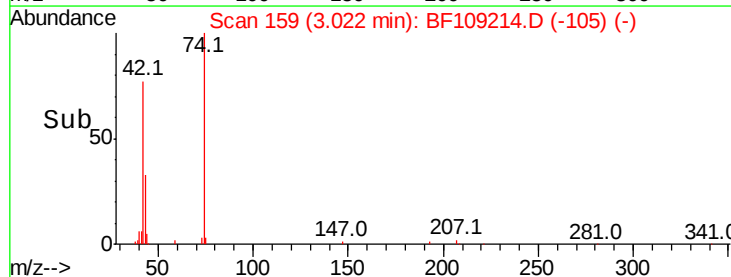
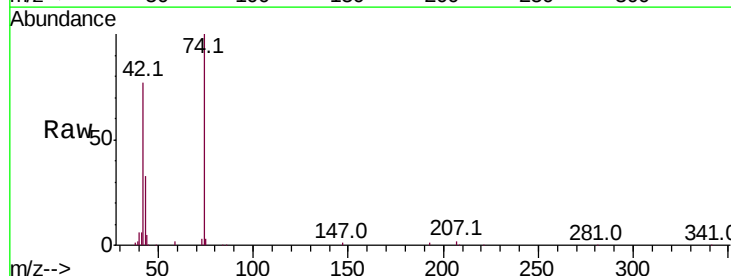
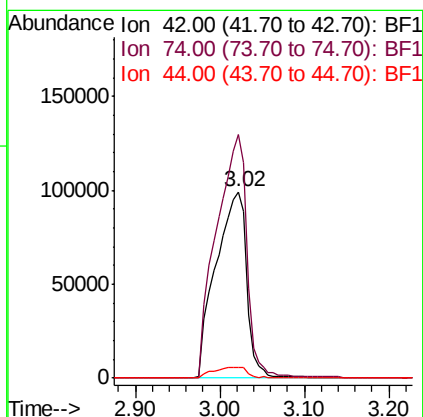
RT: 3.02 min Scan# 159

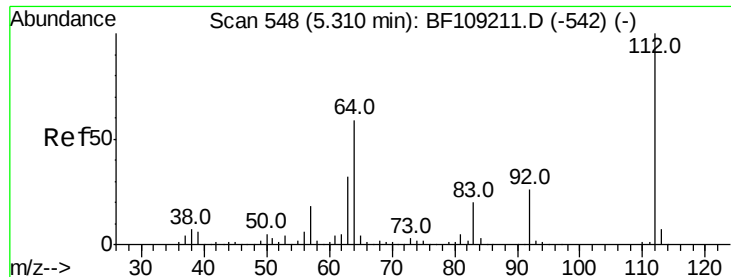
Delta R.T. 0.02 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Tgt Ion:	42	Resp:	251340
Ion Ratio	Lower	Upper	
42	100		
74	130.7	104.9	157.3
44	5.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 147.836 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampled :

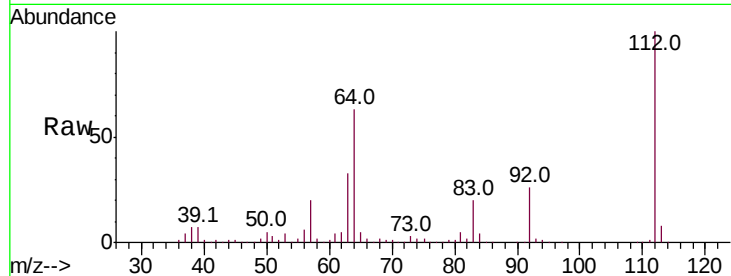
SSTDICC080

Tot Ion:	112	Resp:	895873
Ion Ratio	Lower	Upper	
112	100		
64	62.8	47.9	71.9
63	33.1	23.7	35.5

Manual Integrations
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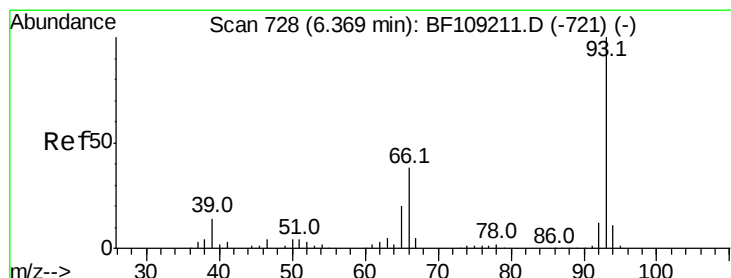
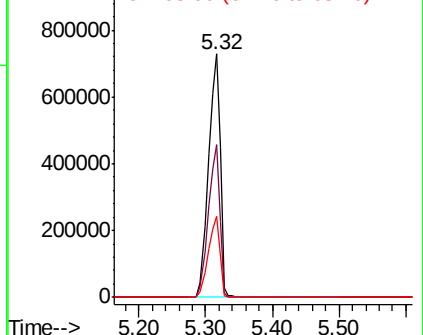
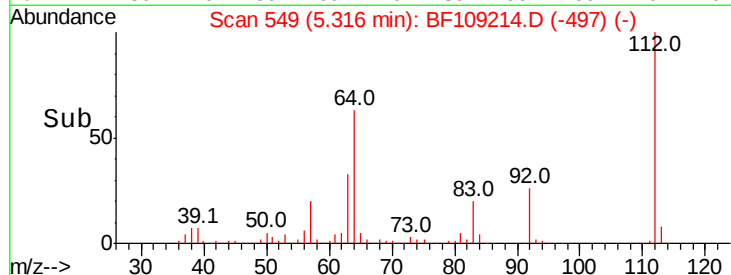
9/24/2018 11:38:38 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 70.765 ng

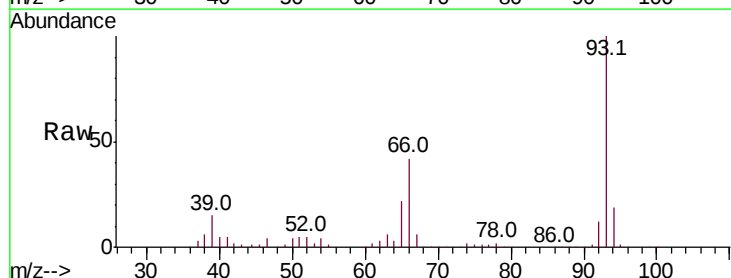
RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

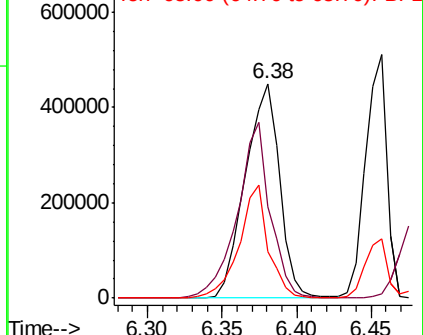
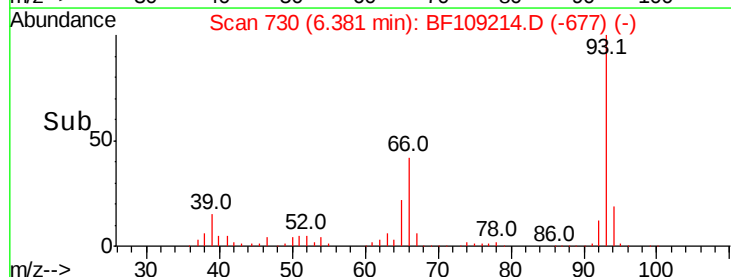
Tgt Ion:	93	Resp:	714712
Ion Ratio	Lower	Upper	
93	100		
66	42.4	32.2	48.2
65	21.9	16.4	24.6

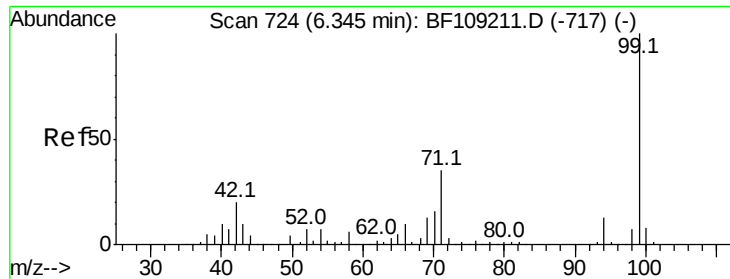


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 145.017 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF109214.D

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BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1133158

Ion Ratio Lower Upper

99 100

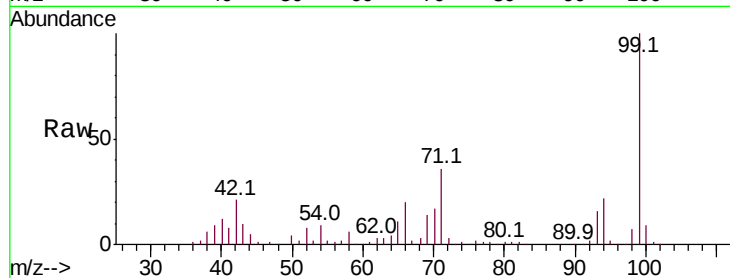
42 21.3 14.5 21.7

71 36.5 25.4 38.0

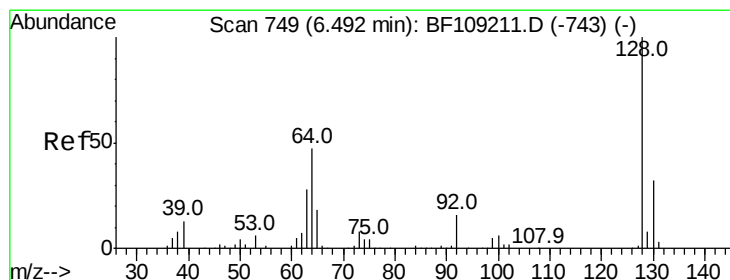
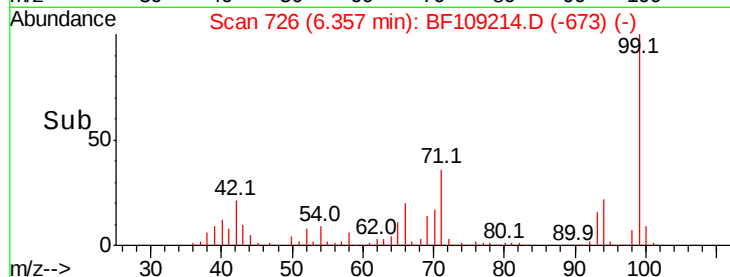
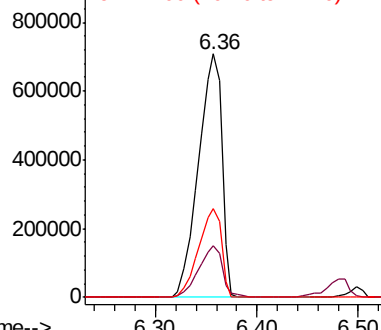
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 72.037 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

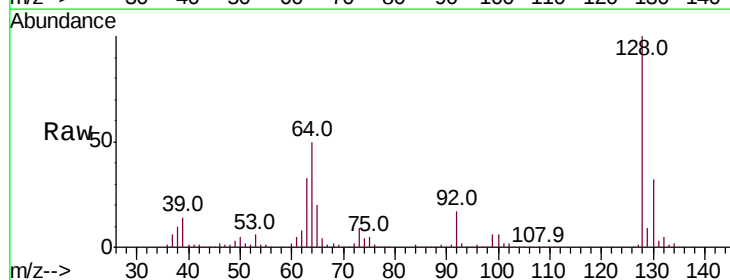
Tgt Ion:128 Resp: 488526

Ion Ratio Lower Upper

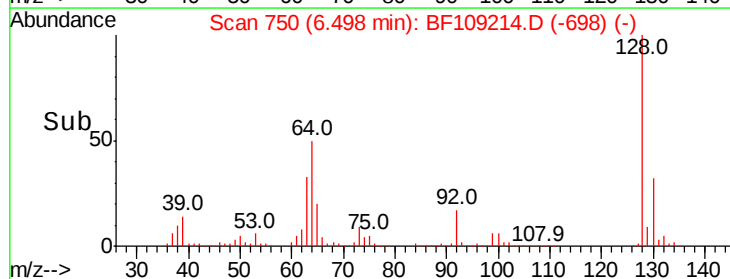
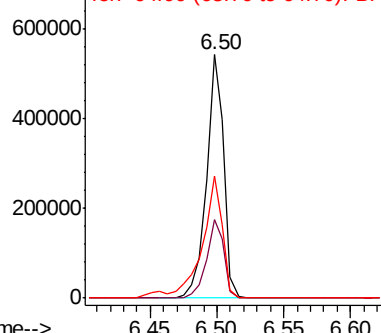
128 100

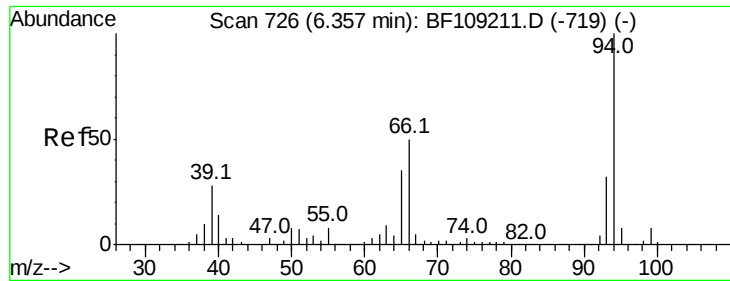
130 32.0 13.0 53.0

64 50.0 29.4 69.4



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





#10
Phenol
Concen: 73.036 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.02 min
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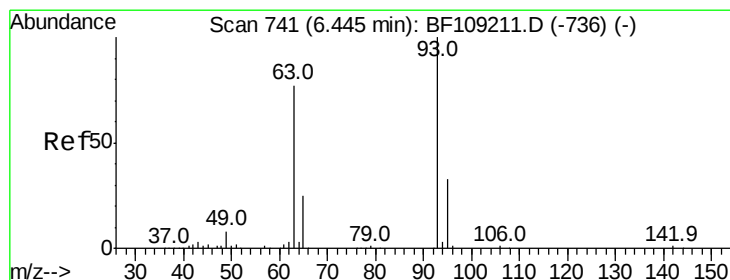
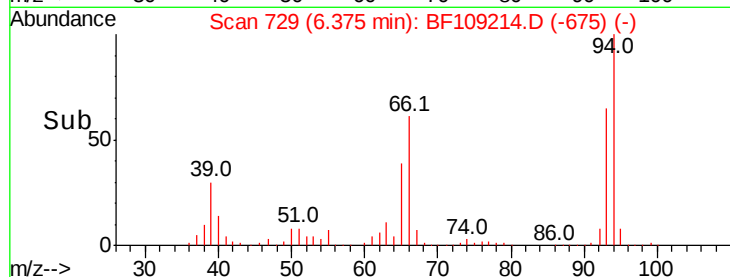
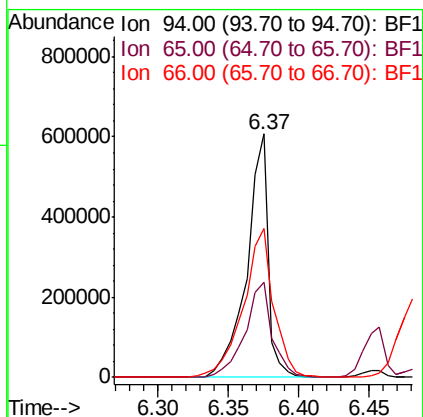
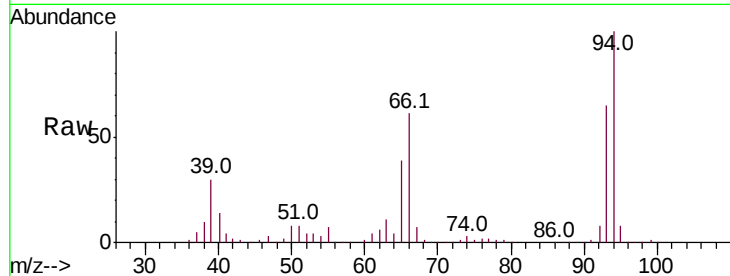
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.1	7.9	47.9
66	60.9	16.2	56.2

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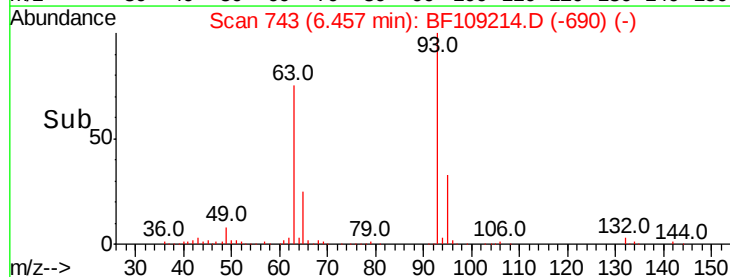
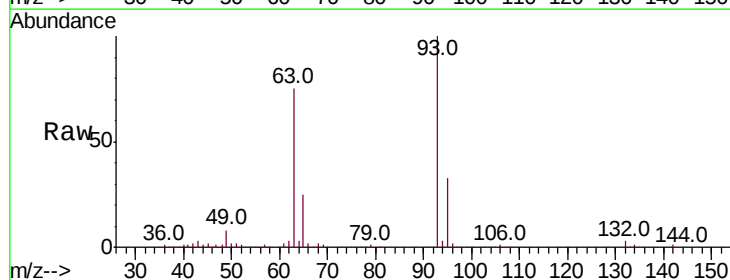
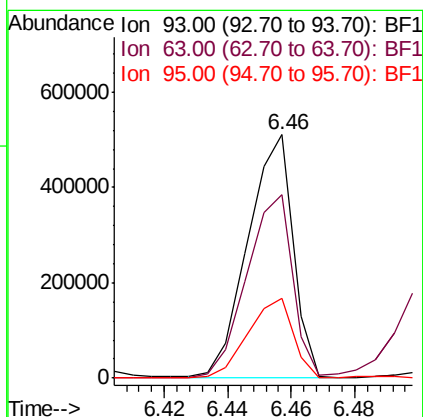
Sohil

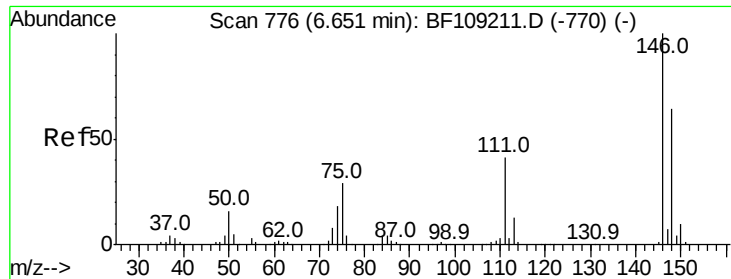
9/24/2018 11:38:38 AM



#11
bis(2-Chloroethyl)ether
Concen: 72.869 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.1	58.6	98.6
95	33.0	11.8	51.8





#12
 1,3-Dichlorobenzene
 Concen: 73.110 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

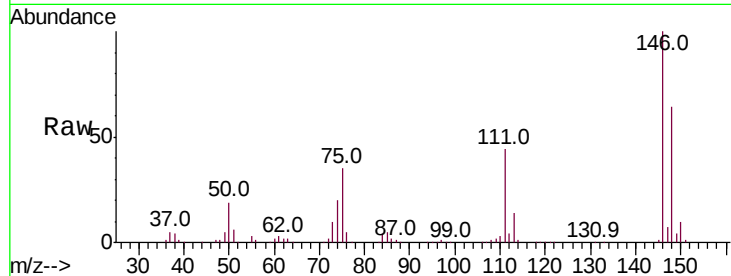
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	34.7	24.2	36.4

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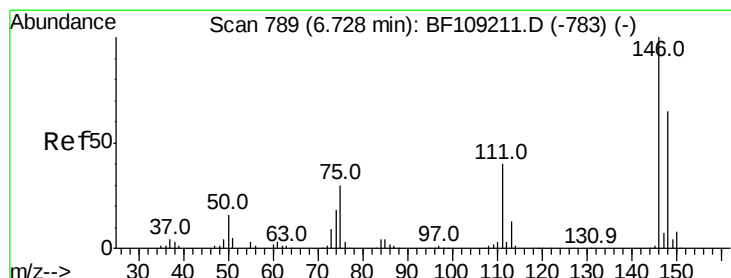
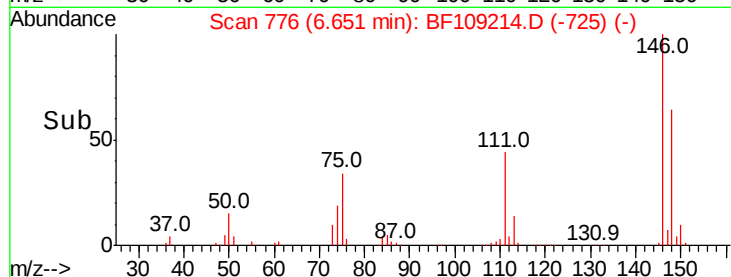
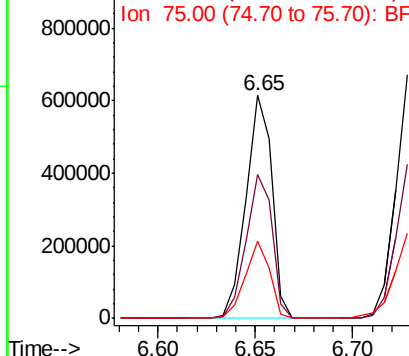


Abundance

Ion 146.00 (145.70 to 146.70): E

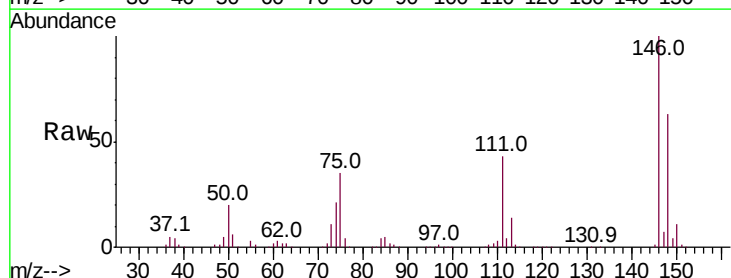
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13
 1,4-Dichlorobenzene
 Concen: 73.312 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.8	34.2	51.2

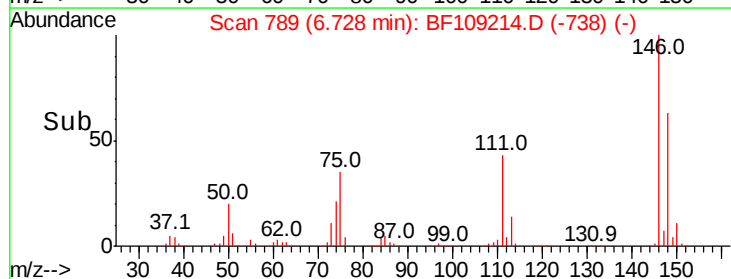
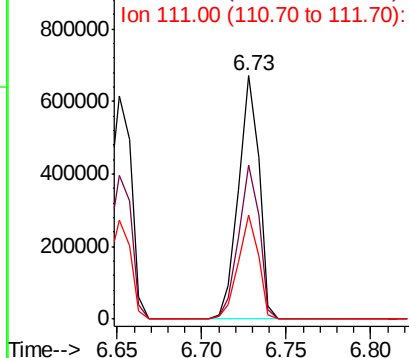


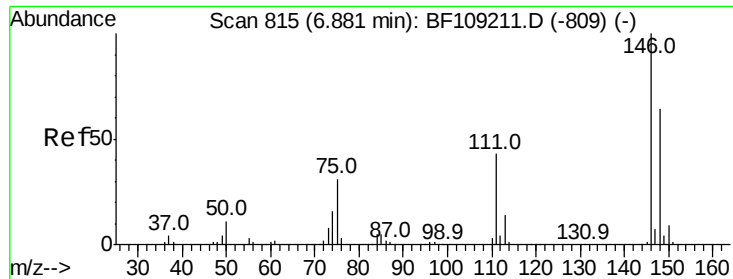
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14
1,2-Dichlorobenzene
Concen: 70.069 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

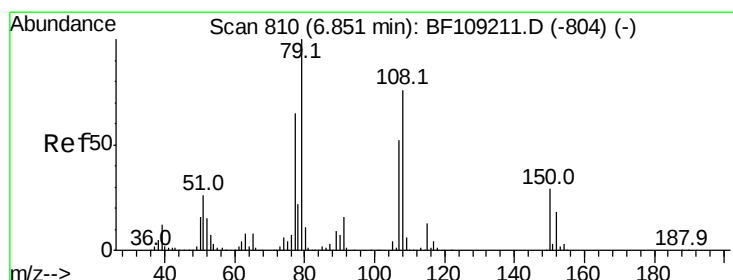
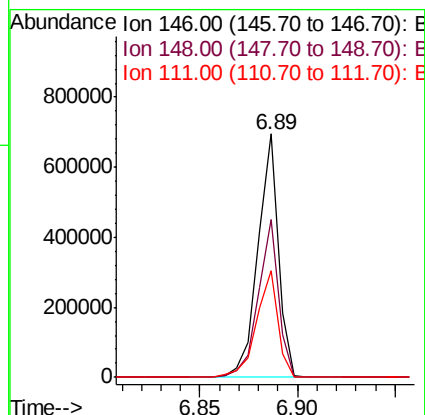
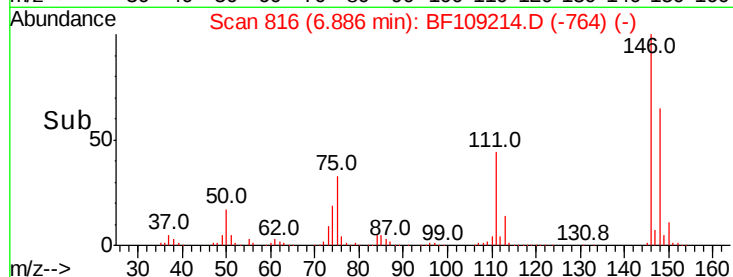
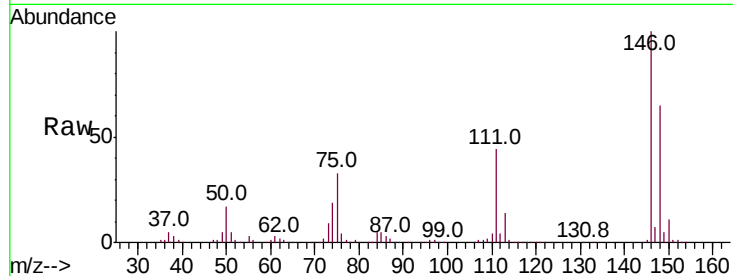
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	43.9	36.0	54.0

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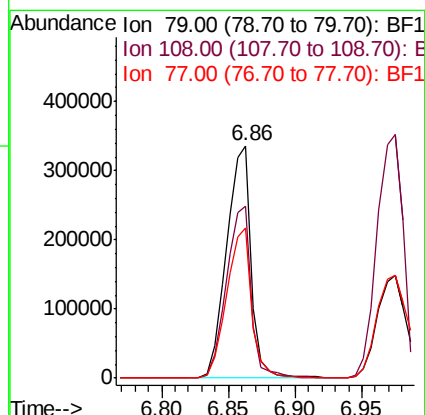
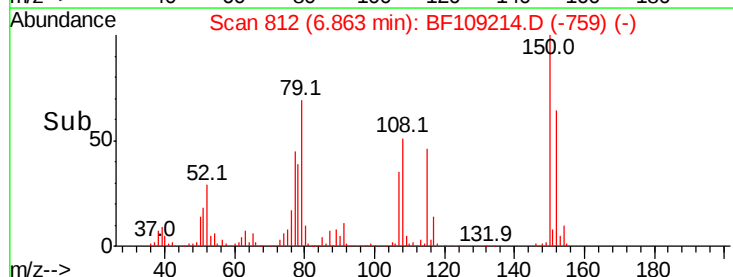
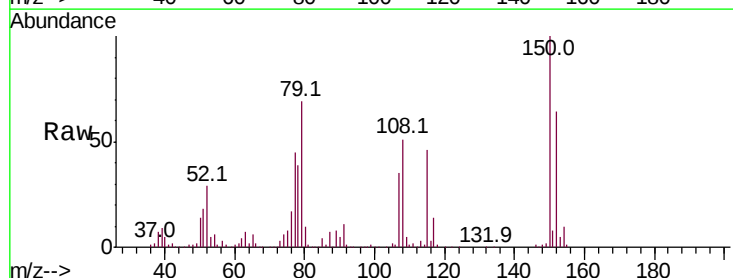
Sohil

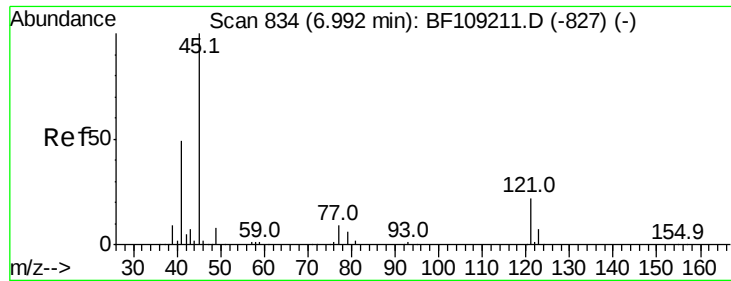
9/24/2018 11:38:38 AM



#15
Benzyl Alcohol
Concen: 73.667 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.9	65.1	97.7
77	64.5	50.6	75.8





#16
2,2'-oxvbis(1-Chloropropane)
Concen: 72.496 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

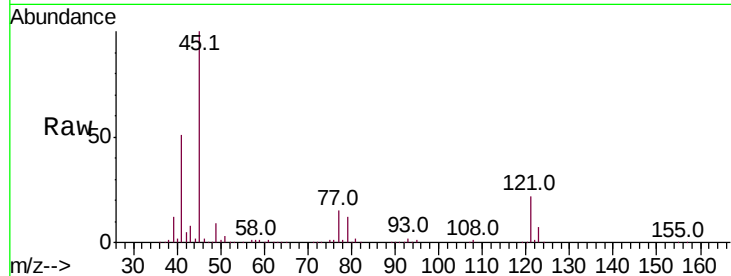
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	32.9
79	11.6	0.0	29.6

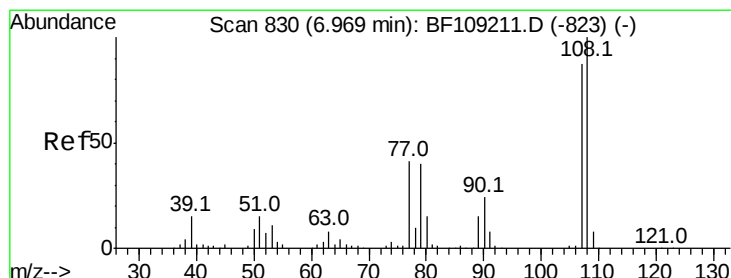
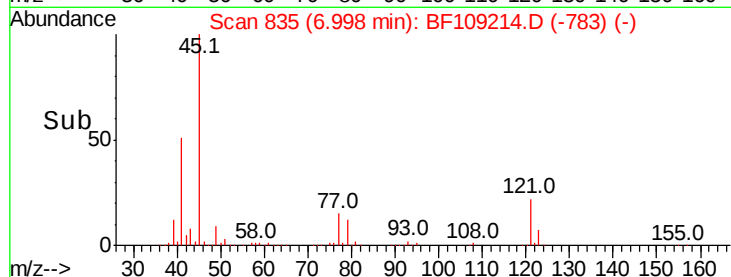
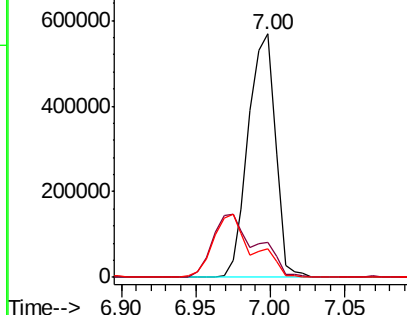
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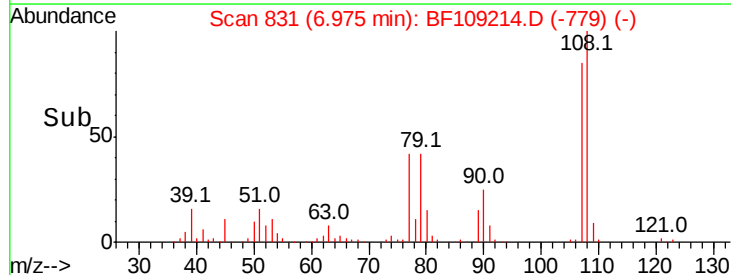
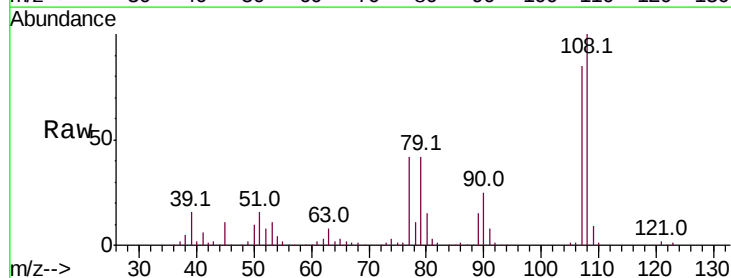
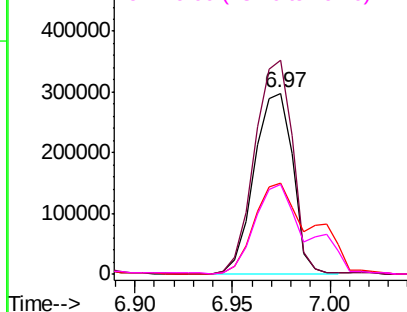
Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

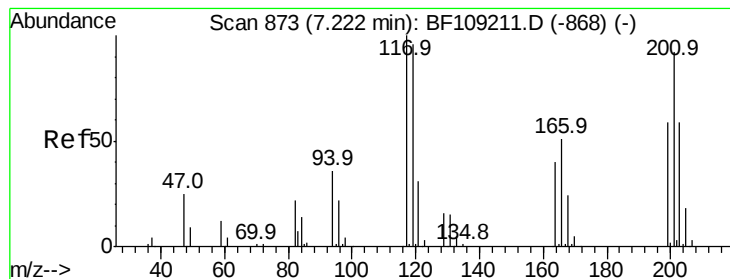


#17
2-Methylphenol
Concen: 73.418 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	118.0	91.7	137.5
77	49.9	33.8	50.8
79	49.6	33.8	50.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 73.359 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:117 Resp: 207296

Ion Ratio Lower Upper

117 100

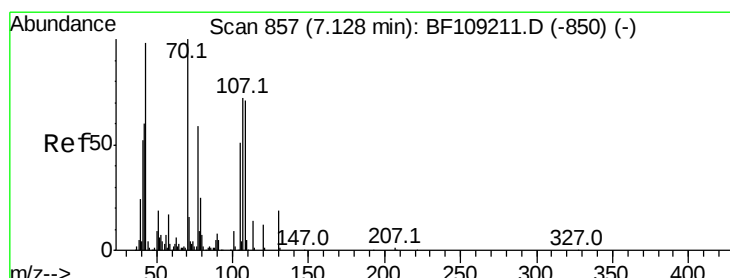
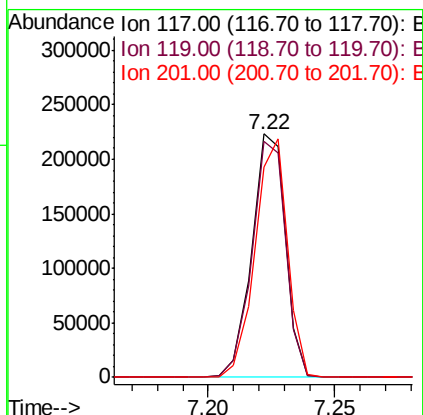
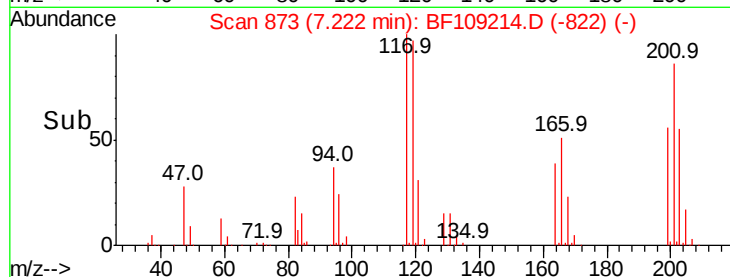
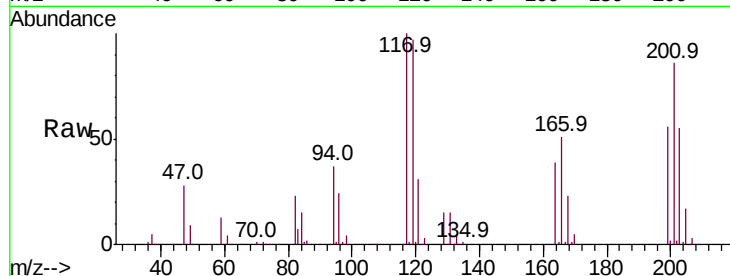
119 97.1 75.8 113.8

201 86.4 75.7 113.5

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#19

n-Nitroso-di-n-propylamine

Concen: 74.242 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.02 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Tgt Ion: 70 Resp: 383460

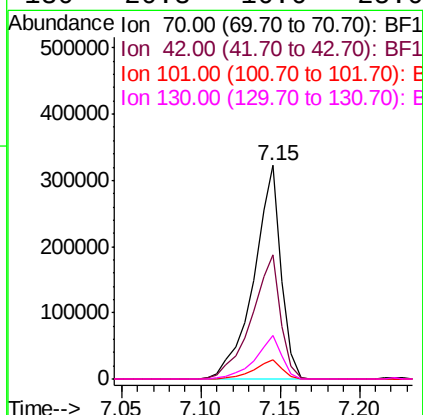
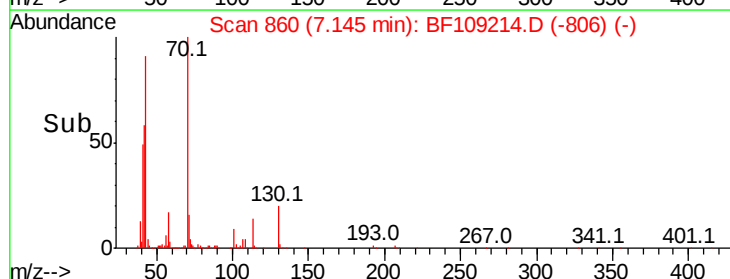
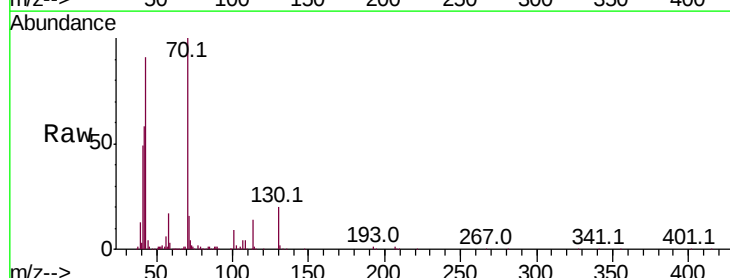
Ion Ratio Lower Upper

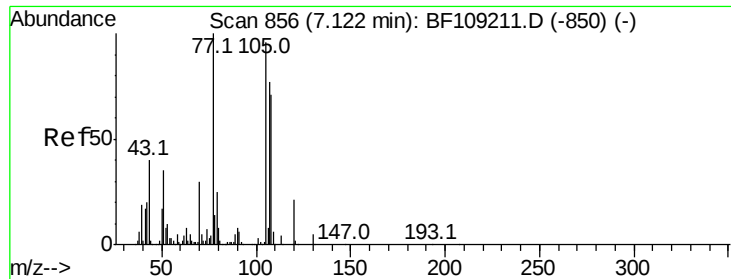
70 100

42 58.4 47.5 71.3

101 9.2 7.4 11.2

130 20.3 16.6 25.0





#20
3+4-Methylphenols
Concen: 69.616 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

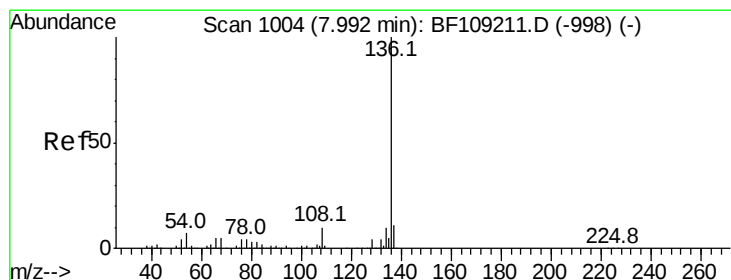
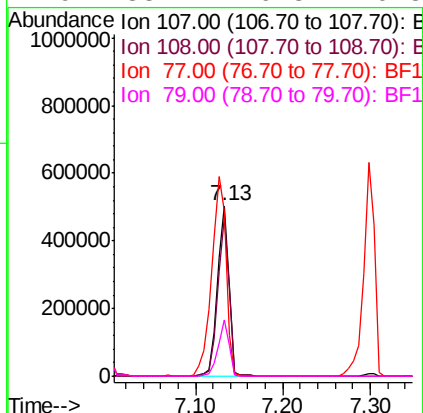
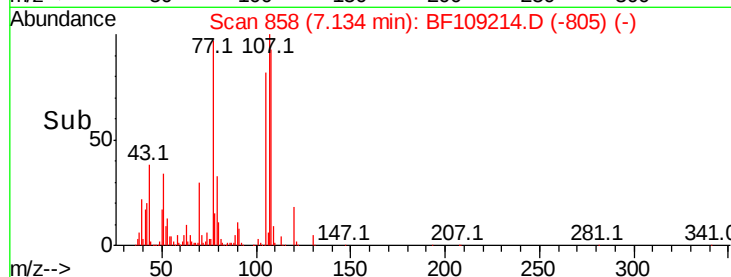
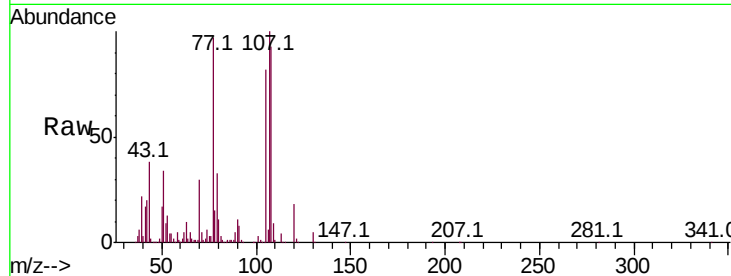
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.0	68.2	108.2	
77	97.0	26.7	66.7#	
79	33.1	6.3	46.3	

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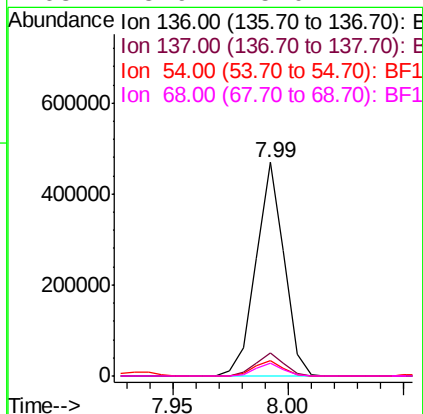
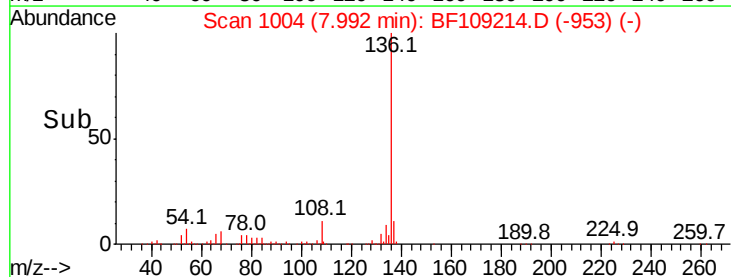
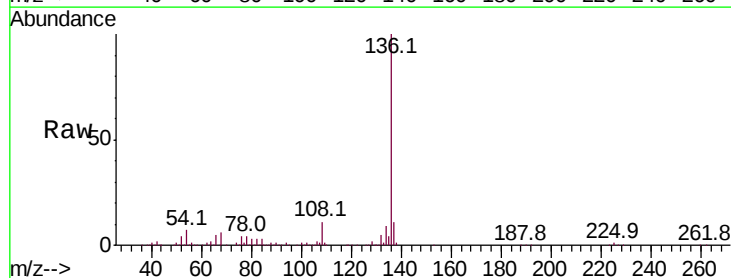
Sohil

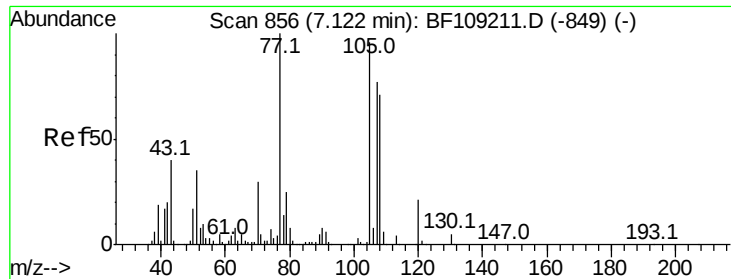
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	





#22
Acetophenone
Concen: 73.222 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

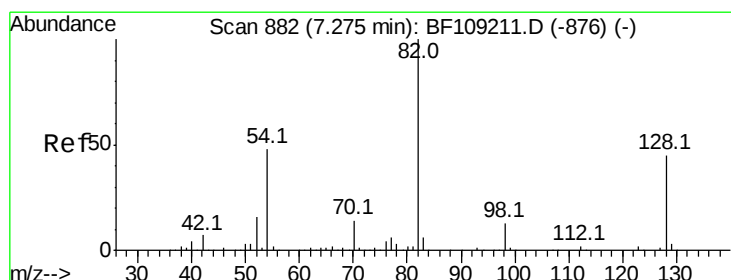
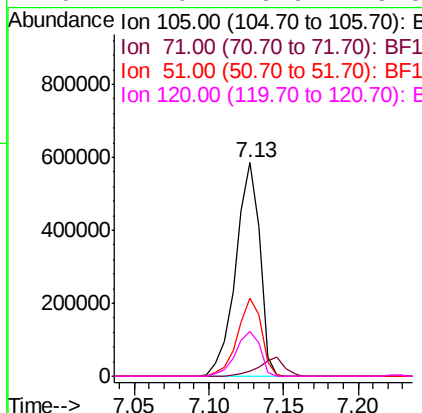
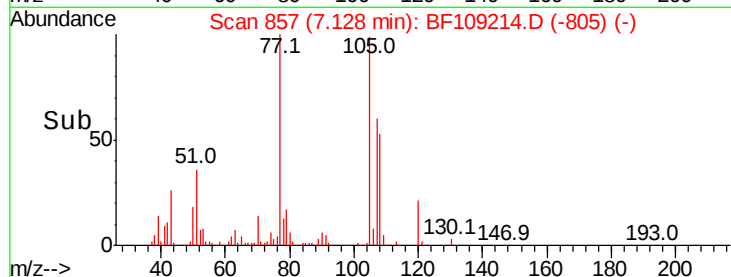
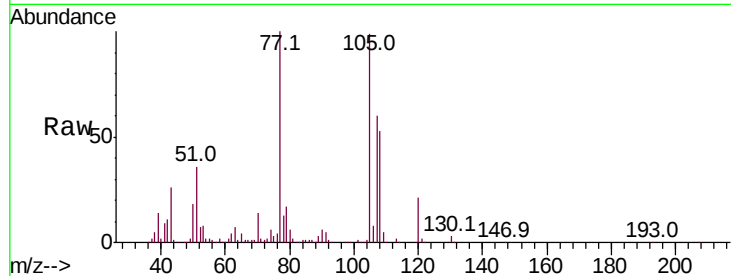
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
105	100		
71	2.4	4.4	6.6#
51	36.8	22.3	33.5#
120	21.0	16.9	25.3

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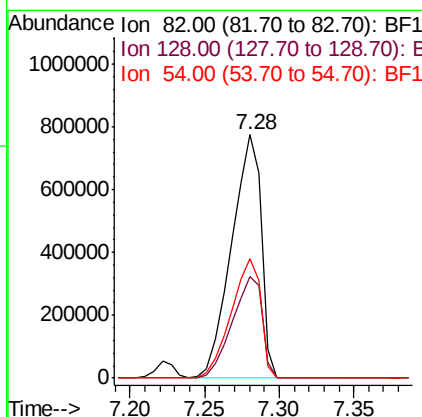
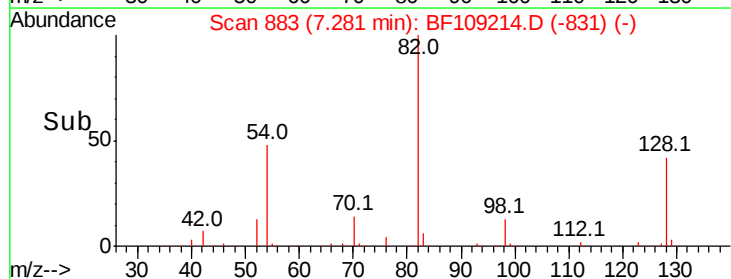
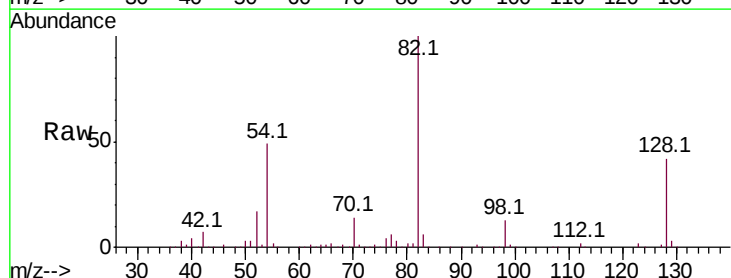
Sohil

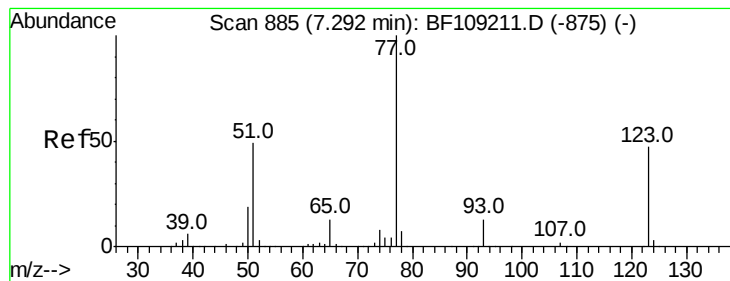
9/24/2018 11:38:38 AM



#23
Nitrobenzene-d5
Concen: 151.053 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	49.2	41.4	62.2





#24

Nitrobenzene

Concen: 75.581 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

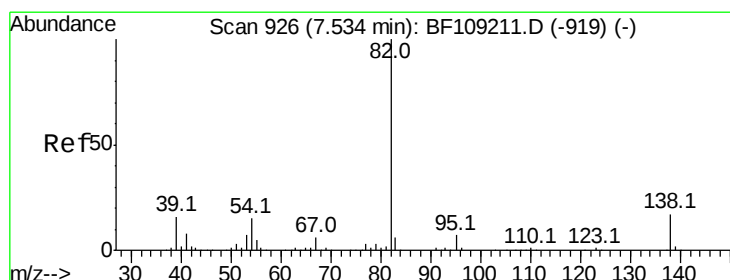
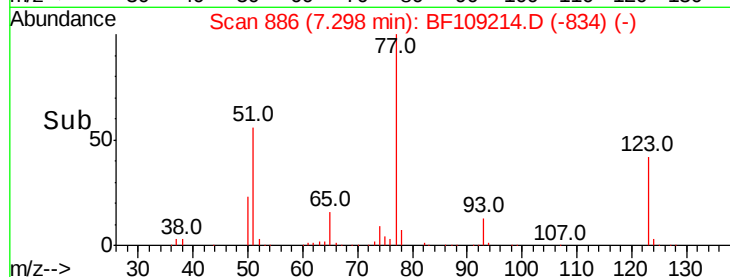
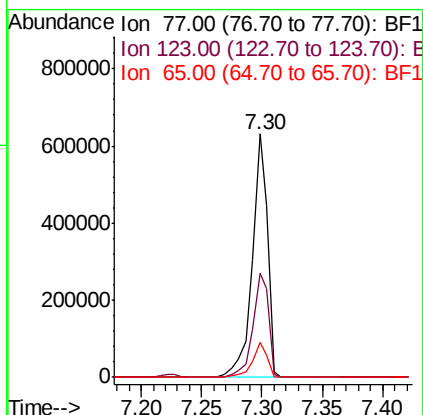
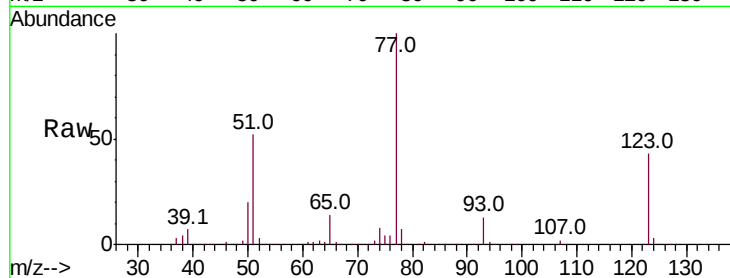
SSTDIC080

Tot Ion:	77	Resp:	554152
Ion Ratio	Lower	Upper	
77	100		
123	42.9	37.9	56.9
65	14.2	11.0	16.4

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#25

Isophorone

Concen: 76.170 ng

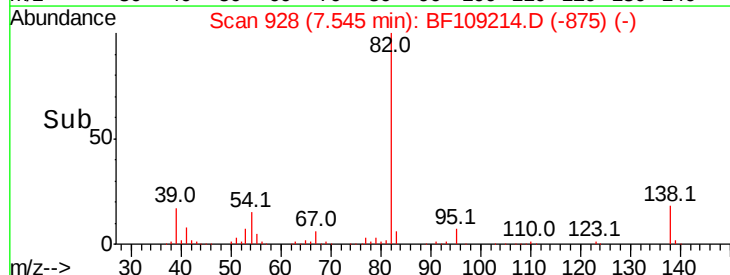
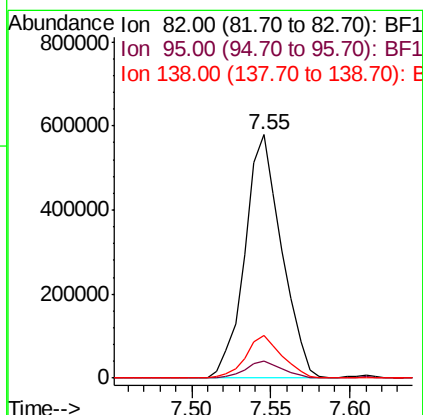
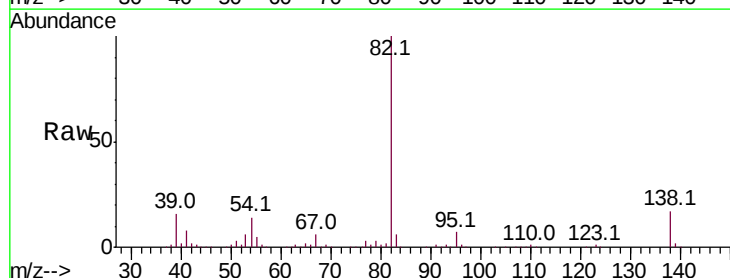
RT: 7.55 min Scan# 928

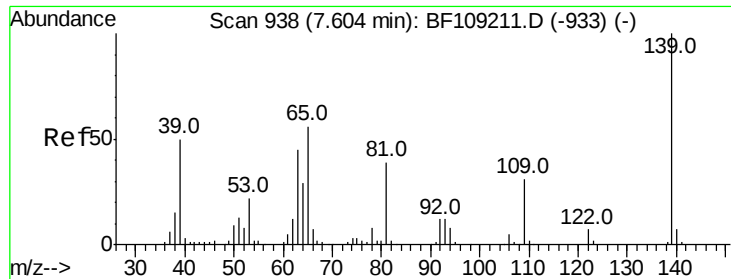
Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Tgt Ion:	82	Resp:	931103
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	17.5	14.9	22.3





#26
2-Nitrophenol
Concen: 71.839 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

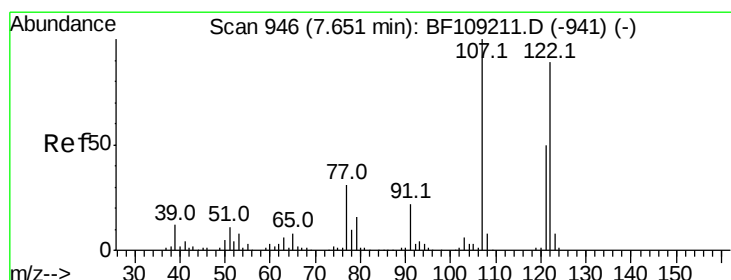
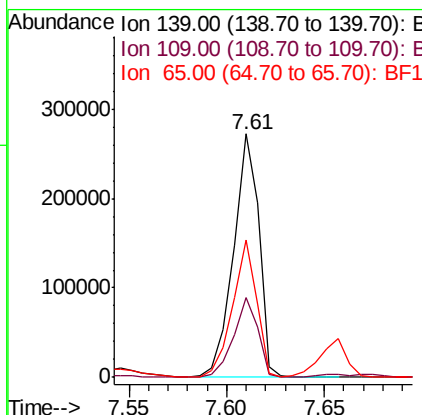
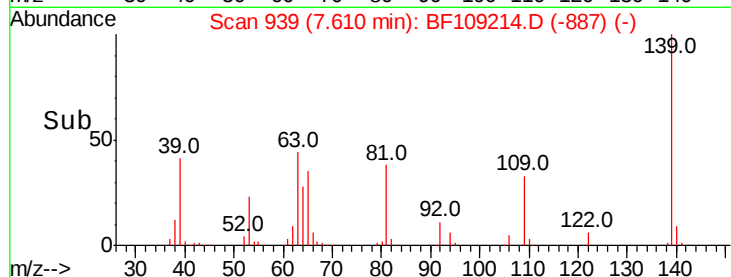
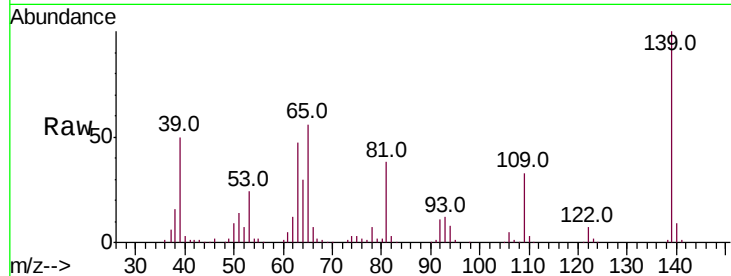
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		245945		
109	32.7	22.7	34.1		
65	56.5	40.5	60.7		

Manual Integrations
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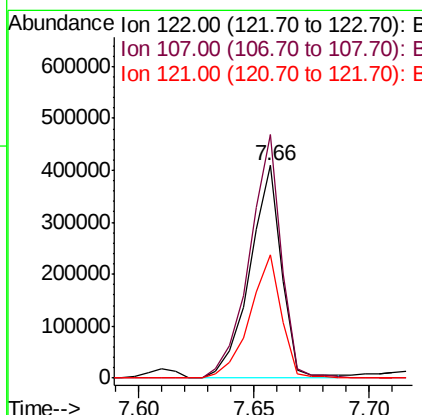
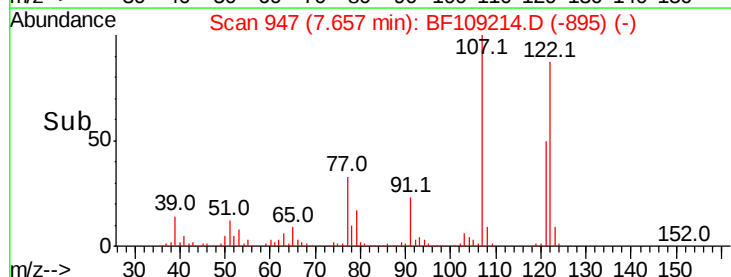
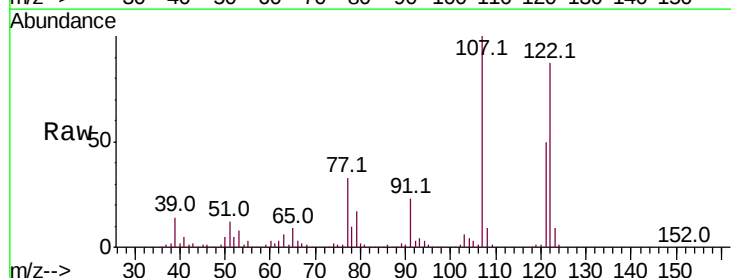
Sohil

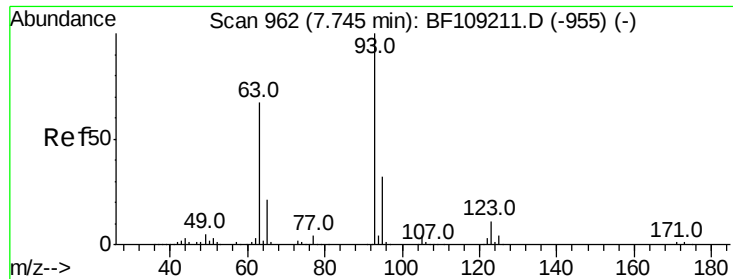
9/24/2018 11:38:38 AM



#27
2,4-Dimethylphenol
Concen: 73.350 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100		393907		
107	114.7	91.2	136.8		
121	57.9	47.2	70.8		





#28
bis(2-Chloroethoxy)methane
Concen: 72.086 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

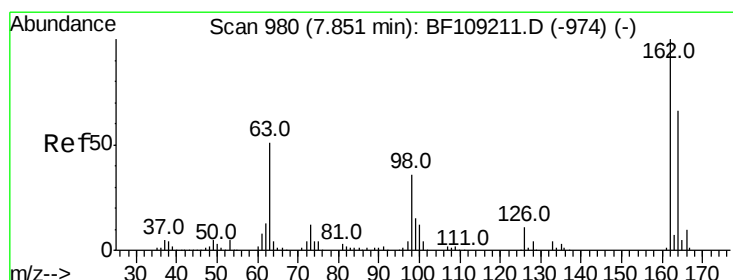
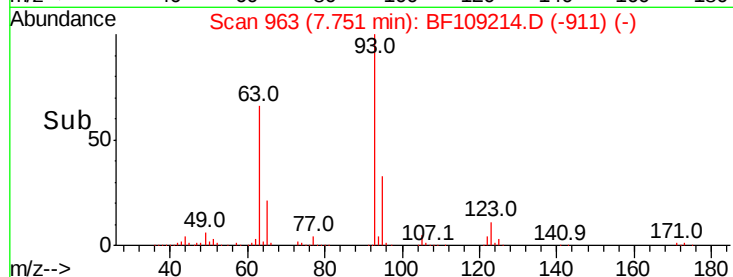
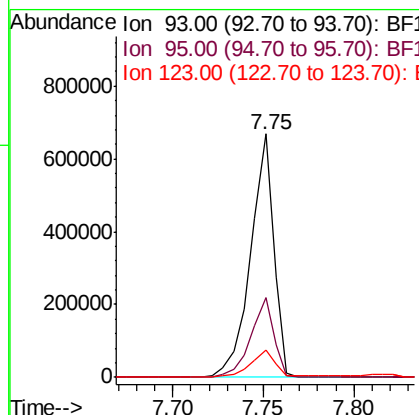
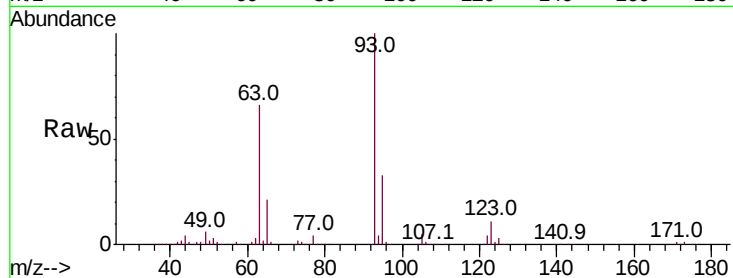
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:	93	Resp:	592983
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.1	9.8	14.6

Manual Integrations
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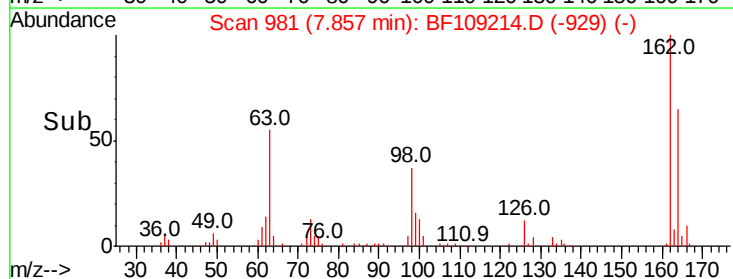
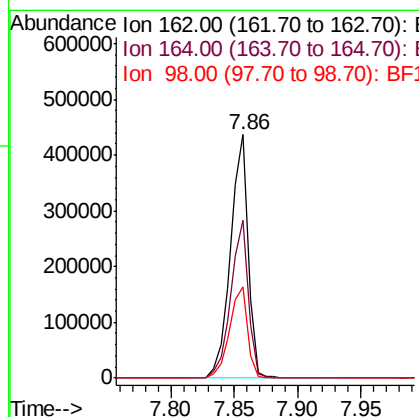
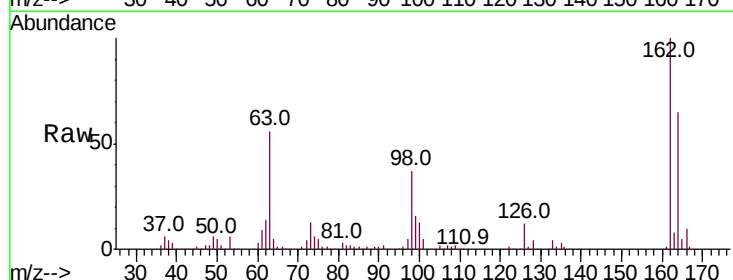
Sohil

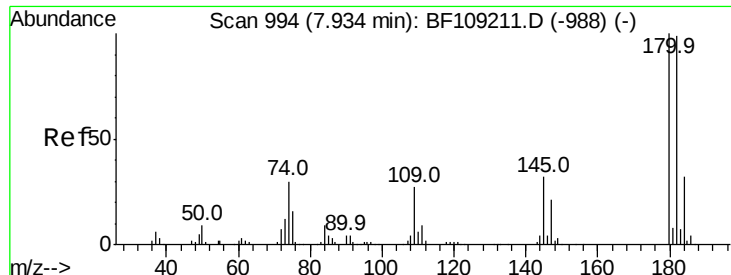
9/24/2018 11:38:38 AM



#29
2,4-Dichlorophenol
Concen: 73.359 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion:	162	Resp:	419815
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	37.3	18.1	58.1





#30
1,2,4-Trichlorobenzene
Concen: 71.854 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

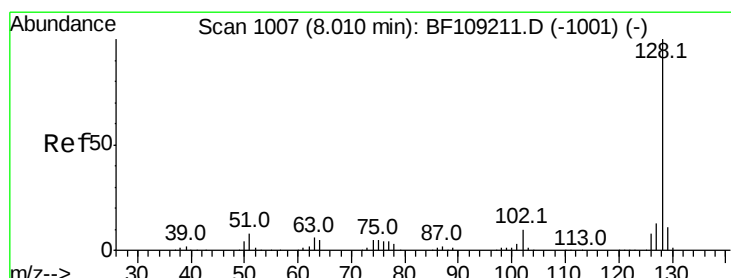
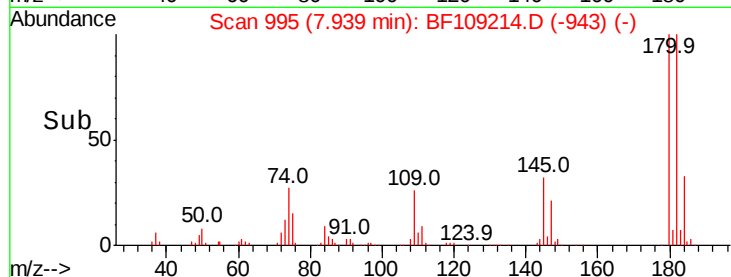
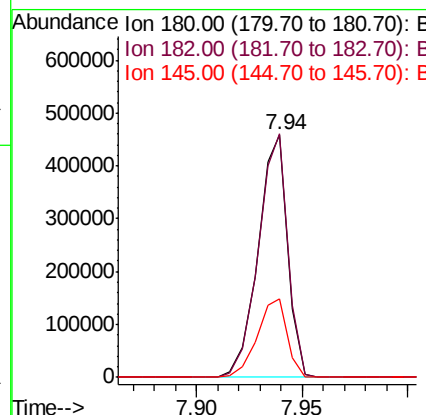
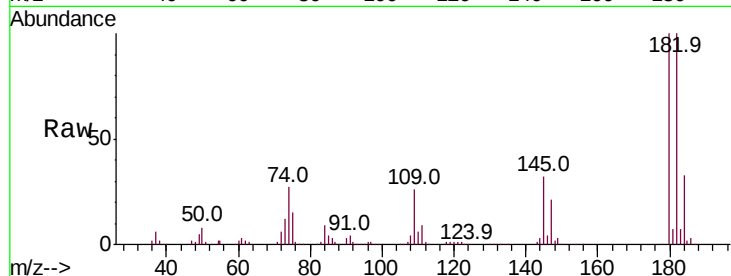
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
180	100	444495		
182	100.4	76.8	115.2	
145	32.4	26.5	39.7	

Manual Integrations
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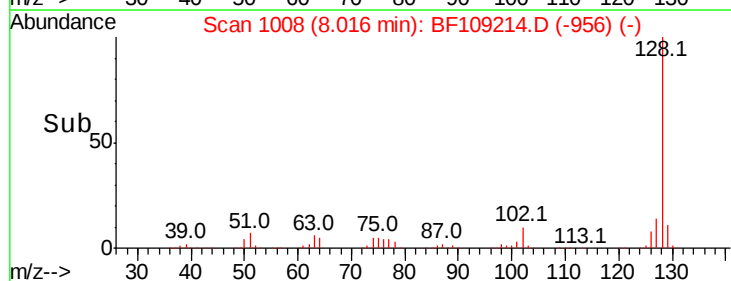
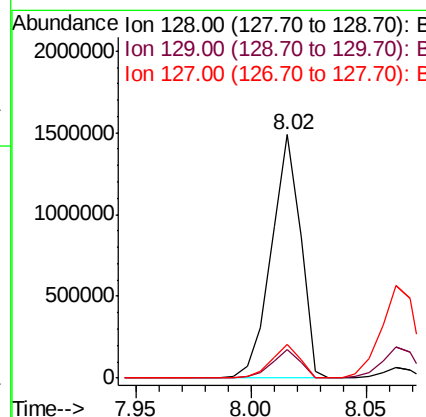
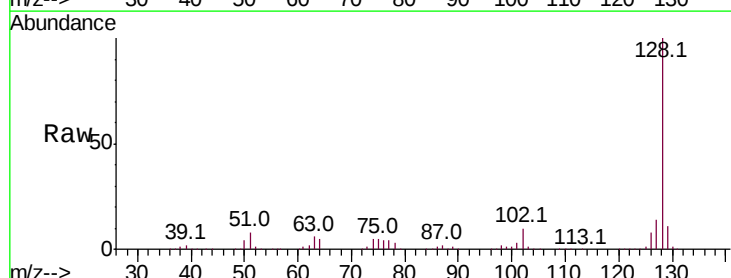
Sohil

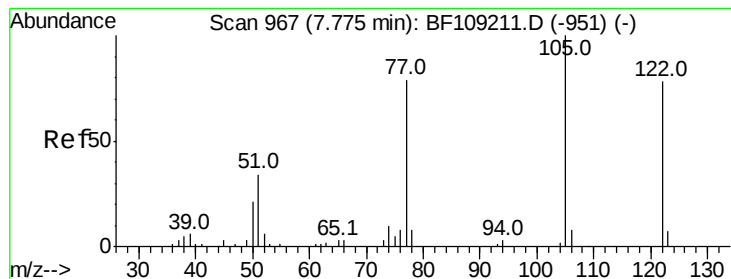
9/24/2018 11:38:38 AM



#31
Naphthalene
Concen: 70.871 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1312009		
129	11.5	8.8	13.2	
127	13.7	10.9	16.3	





#32

Benzoic acid

Concen: 88.636 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.05 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampled :

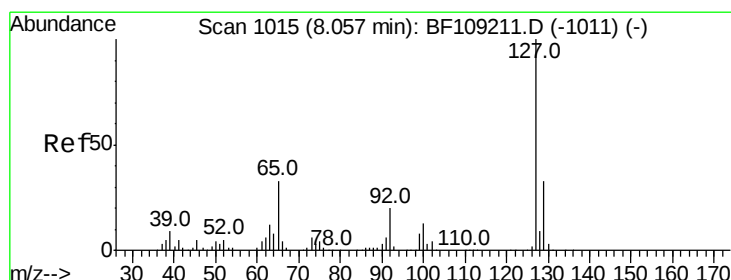
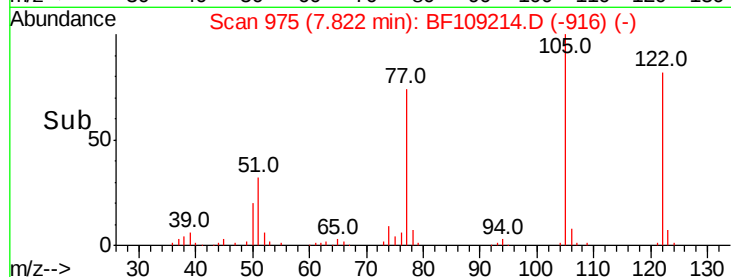
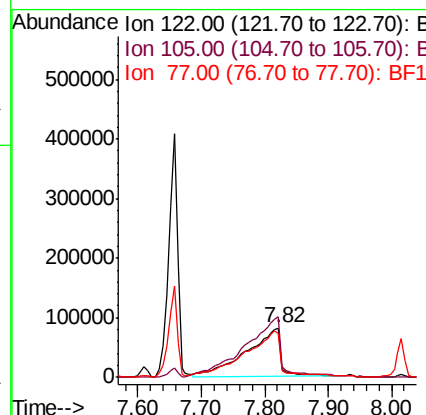
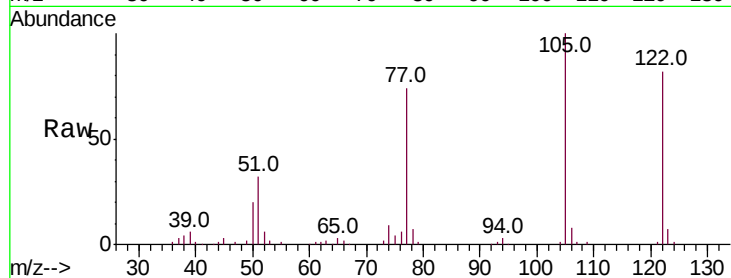
SSTDICC080

Tot Ion:	122	Resp:	311025
Ion Ratio	Lower	Upper	
122	100		
105	121.5	101.1	141.1
77	89.9	70.7	110.7

Manual Integrations
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#33

4-Chloroaniline

Concen: 69.047 ng

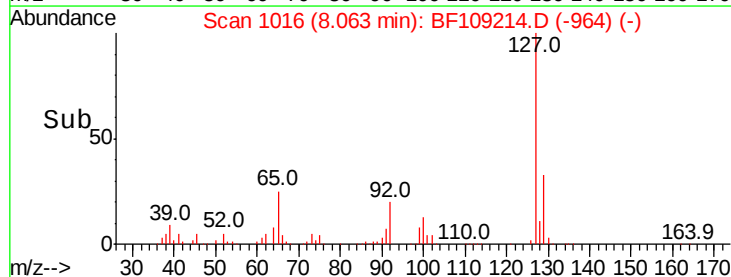
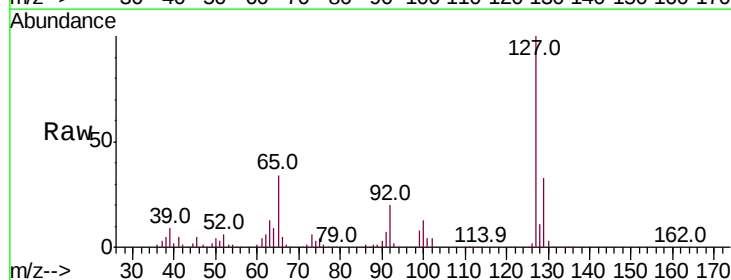
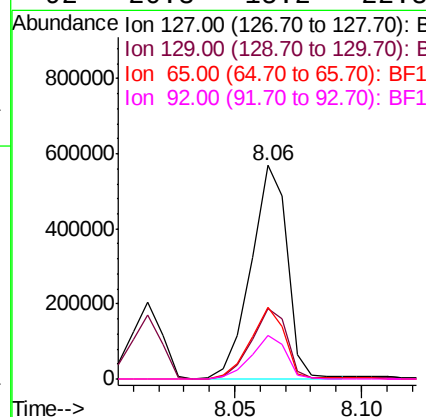
RT: 8.06 min Scan# 1016

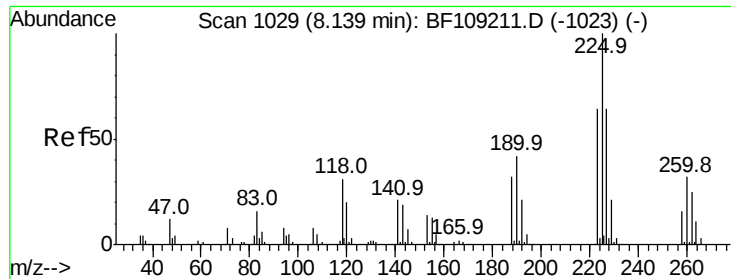
Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Tgt Ion:	127	Resp:	568334
Ion Ratio	Lower	Upper	
127	100		
129	33.2	25.9	38.9
65	33.9	25.0	37.4
92	20.3	15.2	22.8





#34
Hexachlorobutadiene
Concen: 72.012 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

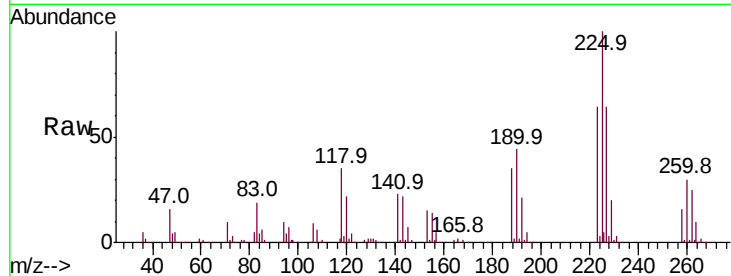
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100	271960		
223	64.0		50.6	76.0
227	64.1		51.9	77.9

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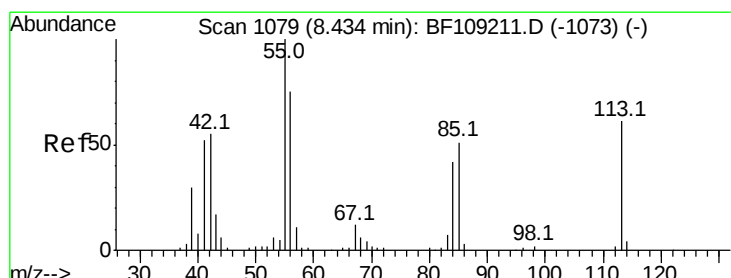
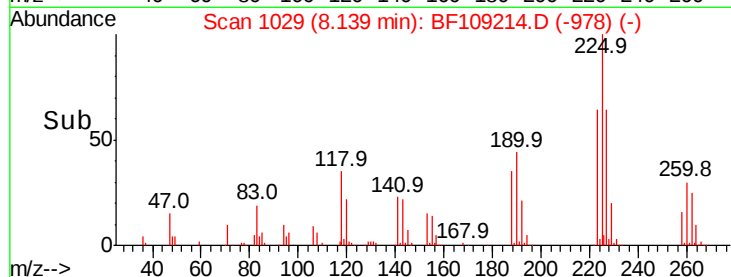
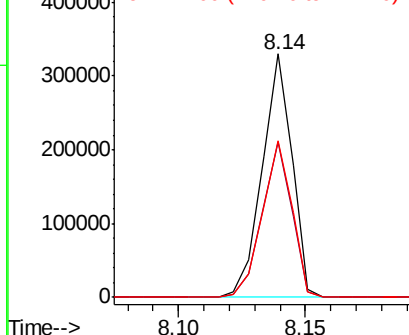


Abundance

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: 76.495 ng m
RT: 8.46 min Scan# 1084
Delta R.T. 0.03 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

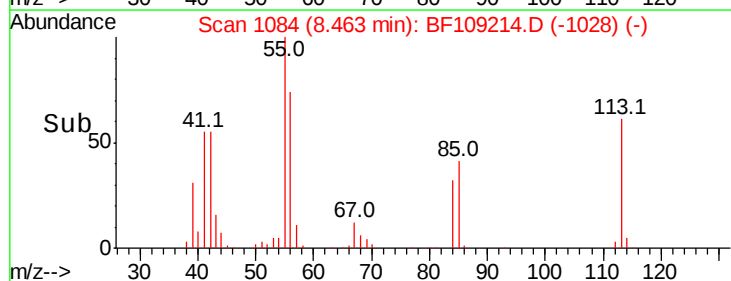
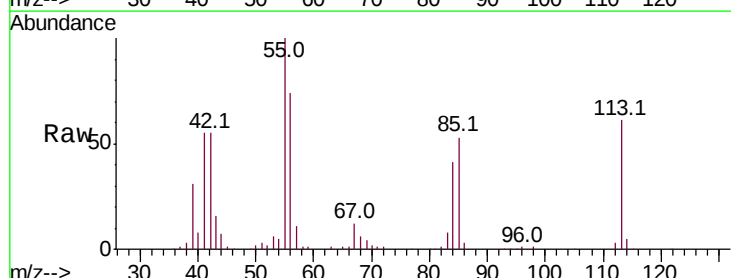
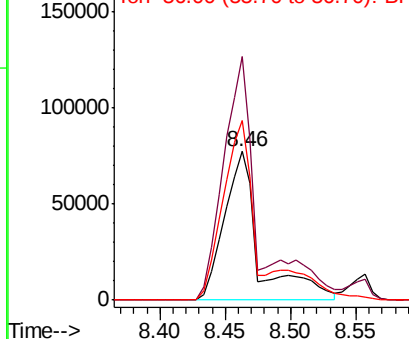
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	142722		
55	163.8		163.3	203.3
56	121.0		115.7	155.7

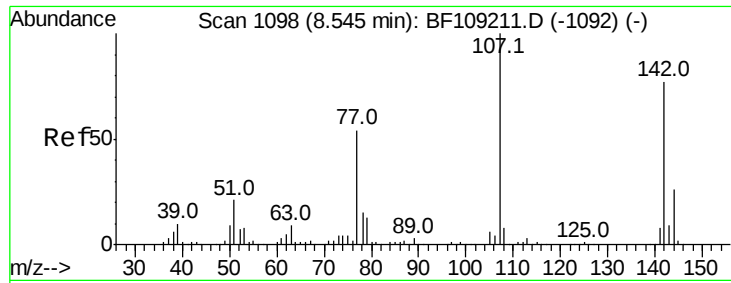
Abundance

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: 73.501 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

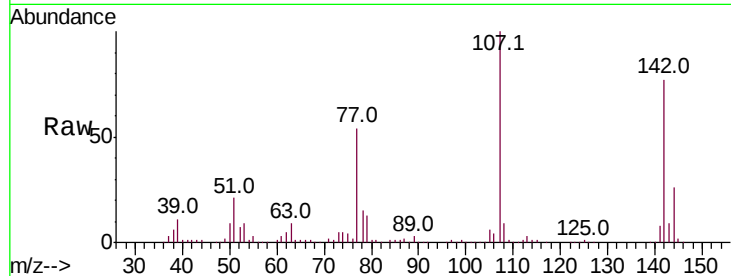
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	442793		
144	25.9	20.5	30.7	
142	77.0	62.0	93.0	

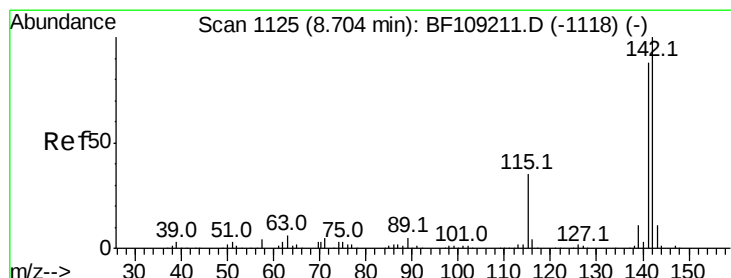
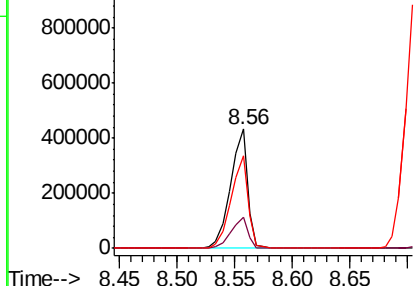
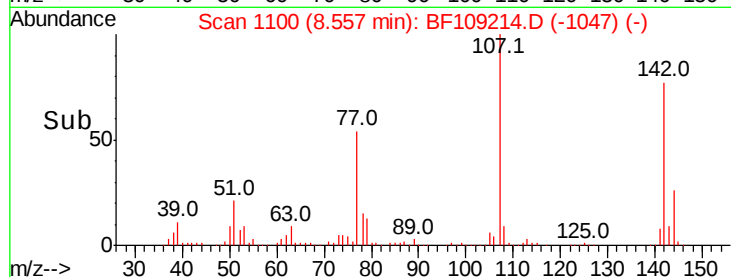
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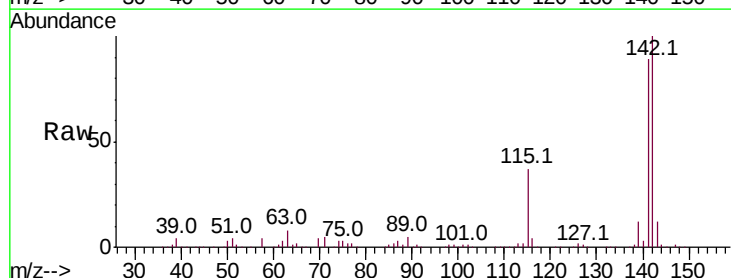


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

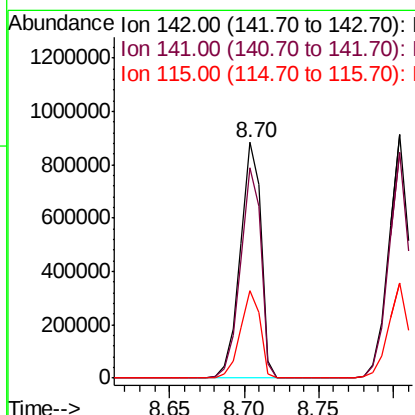
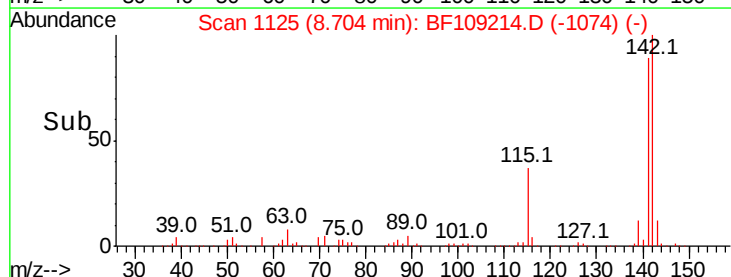


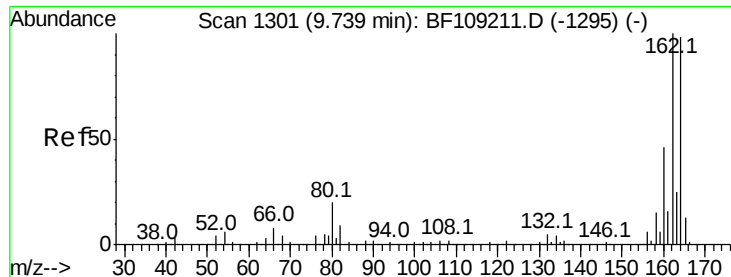
#37
 2-Methylnaphthalene
 Concen: 70.663 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	852741		
141	89.1	70.8	106.2	
115	37.3	26.1	39.1	



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

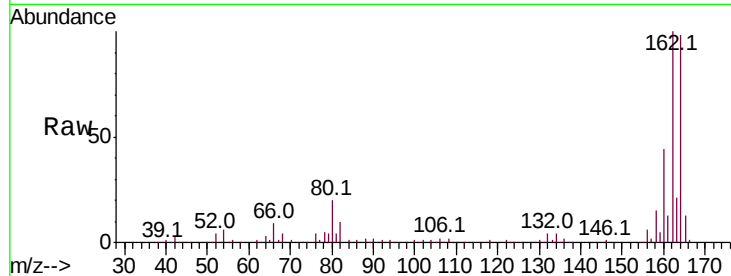
Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.2	38.3	57.5

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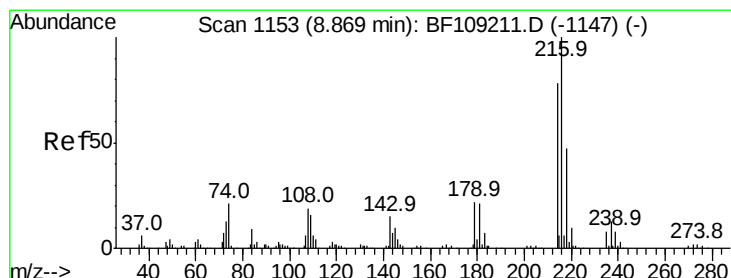
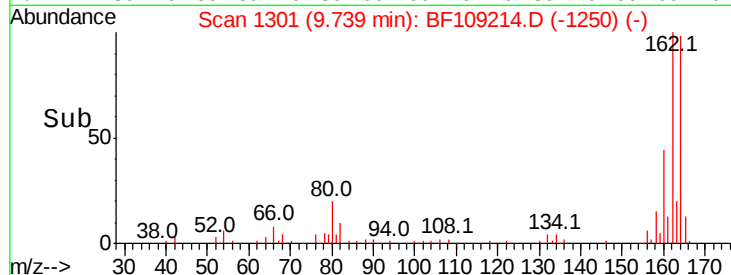
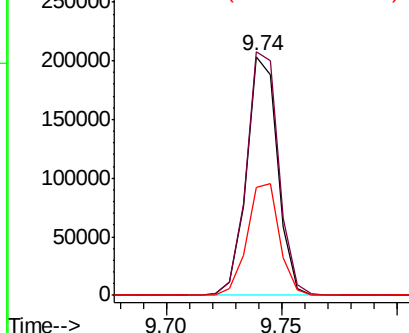


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 69.770 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	21.2	18.1	27.1
108	19.9	17.2	25.8

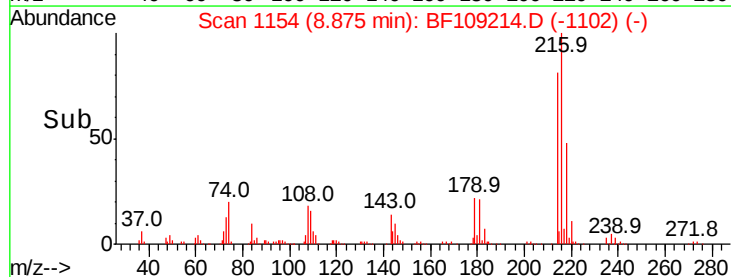
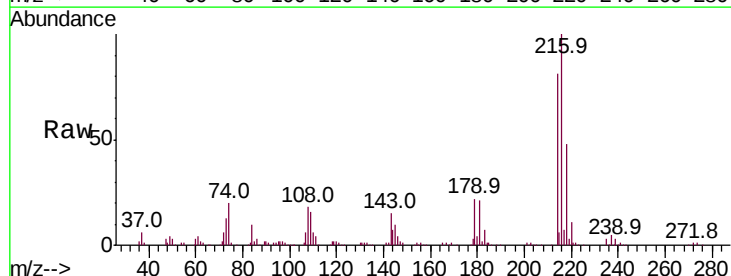
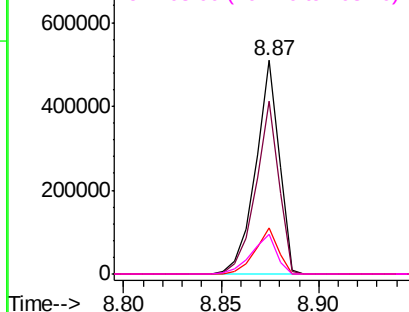
Abundance

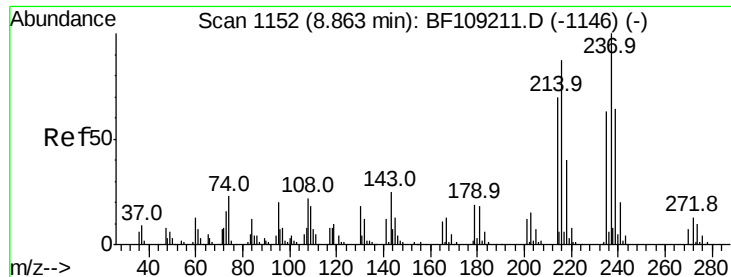
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 72.352 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

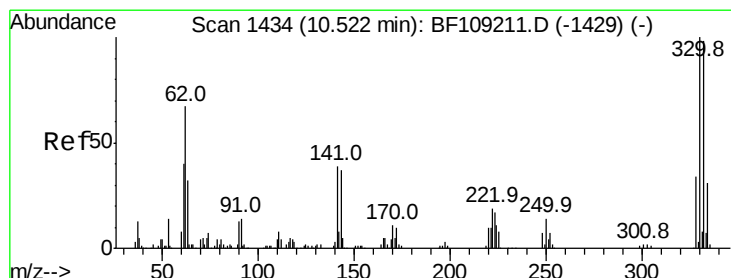
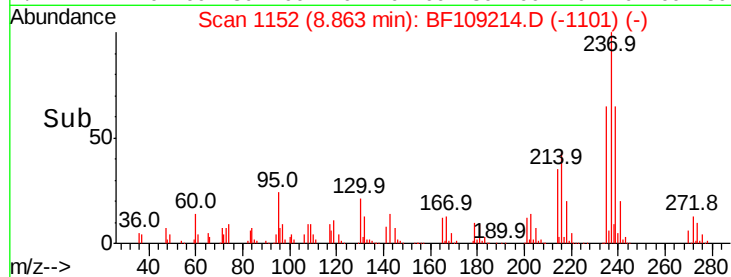
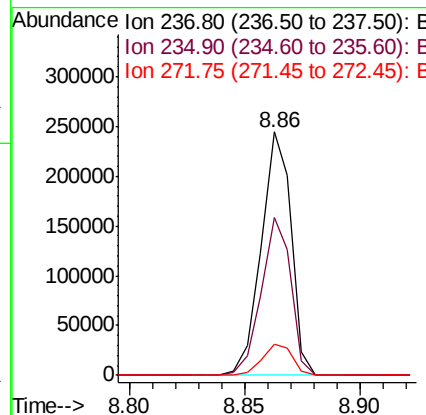
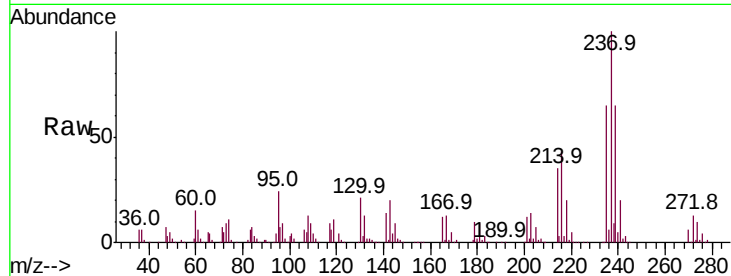
SSTDIC080

Tot Ion:	237	Resp:	221069
Ion Ratio	Lower	Upper	
237	100		
235	64.8	44.8	84.8
272	12.5	0.0	33.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 136.643 ng

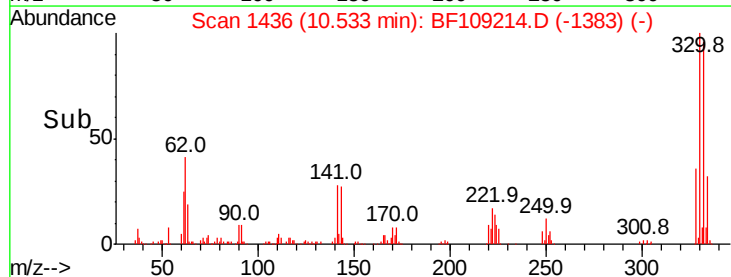
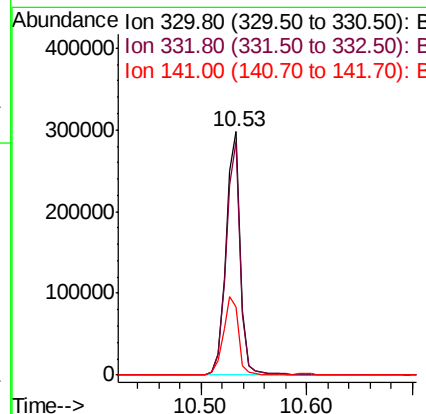
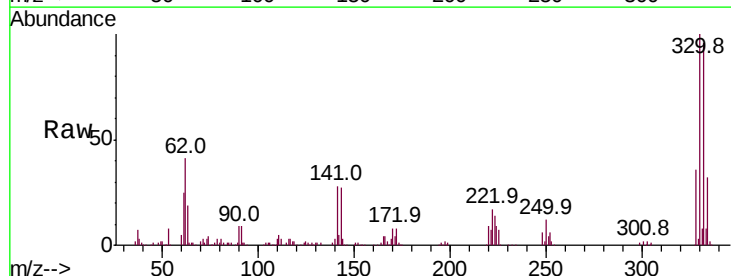
RT: 10.53 min Scan# 1436

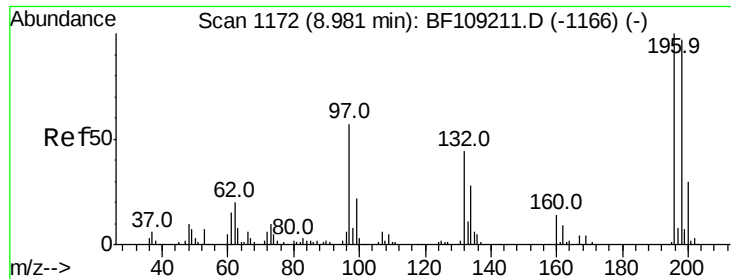
Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Tgt Ion:	330	Resp:	285730
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	34.3	29.9	44.9





#42
 2,4,6-Trichlorophenol
 Concen: 73.876 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

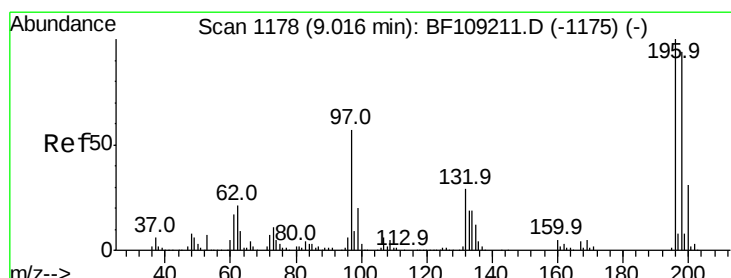
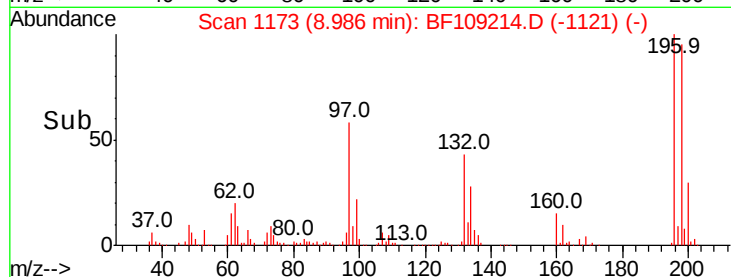
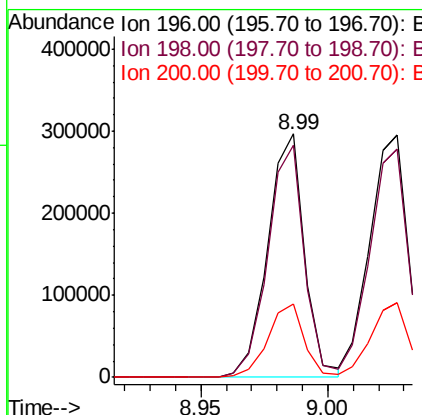
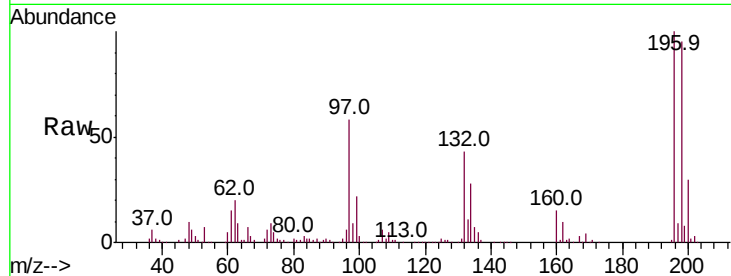
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	301130
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	30.4	24.5	36.7

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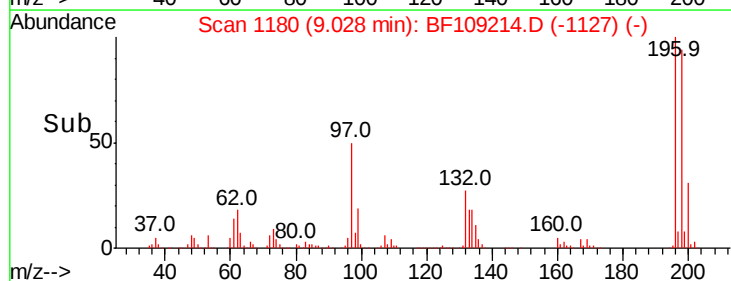
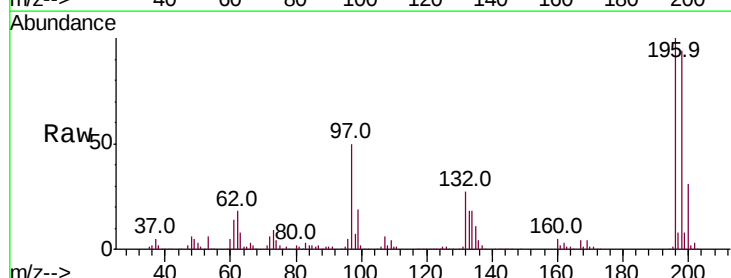
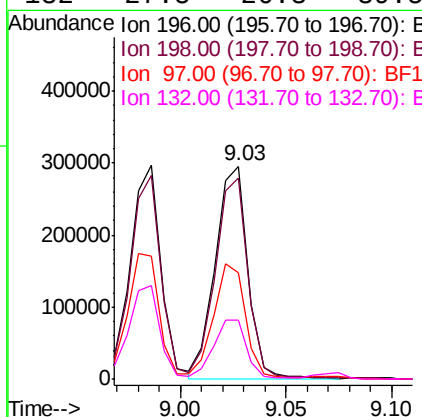
Sohil

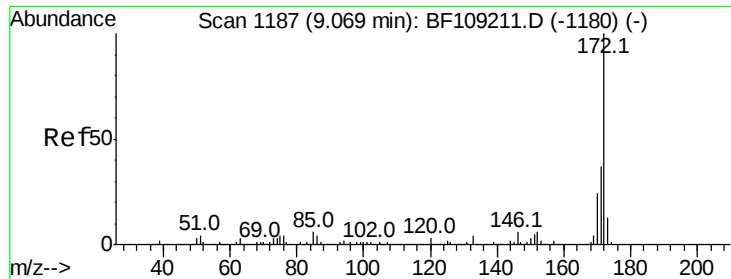
9/24/2018 11:38:38 AM



#43
 2,4,5-Trichlorophenol
 Concen: 73.724 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion:	196	Resp:	314033
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	49.7	42.9	64.3
132	27.5	26.3	39.5





#44
2-Fluorobiphenyl
Concen: 140.563 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

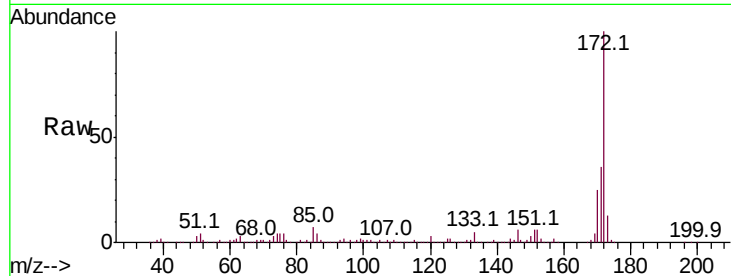
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	19.6	29.4

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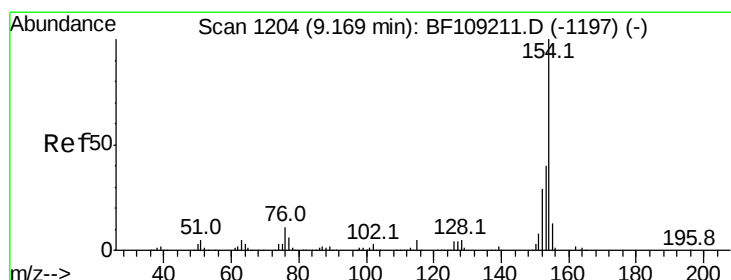
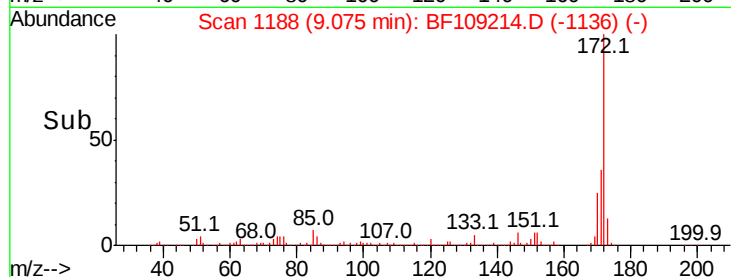
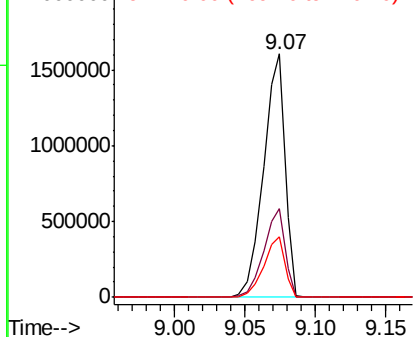


Abundance

Ion 172.00 (171.70 to 172.70): E

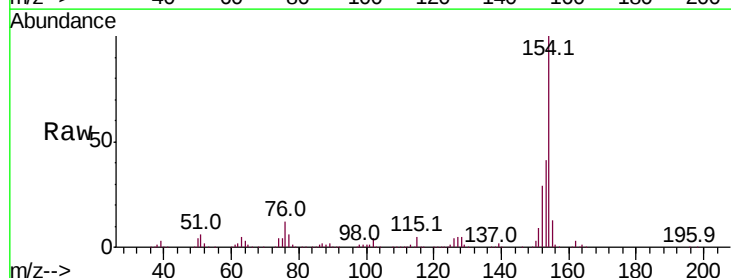
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 68.916 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.2	0.0	34.0

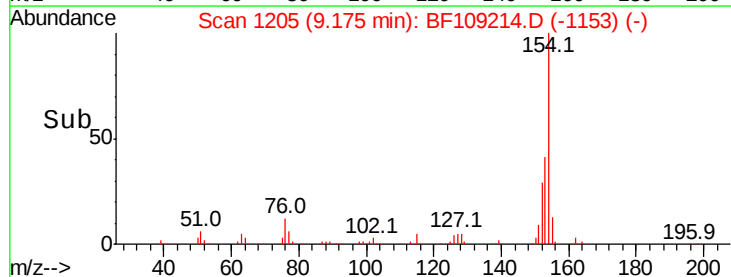
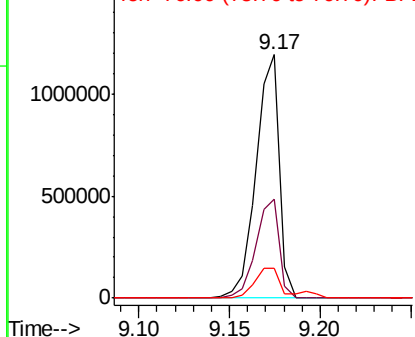


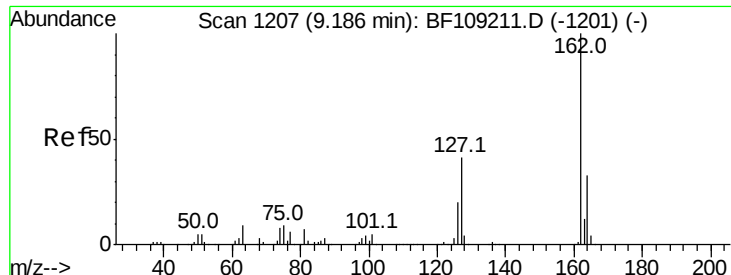
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46
2-Chloronaphthalene
Concen: 70.820 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

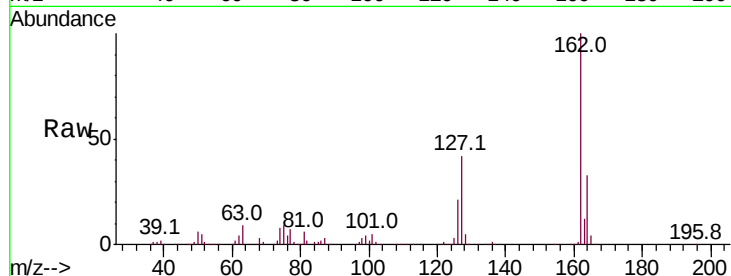
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.0	33.9	50.9	
164	32.9	26.5	39.7	

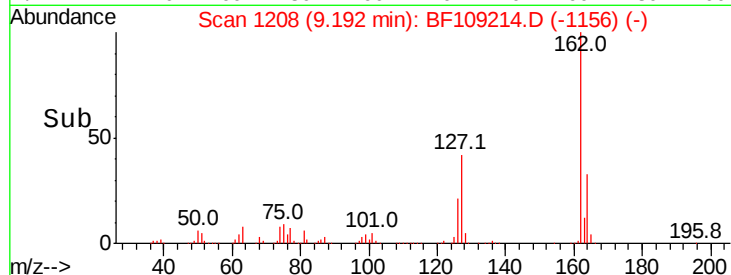
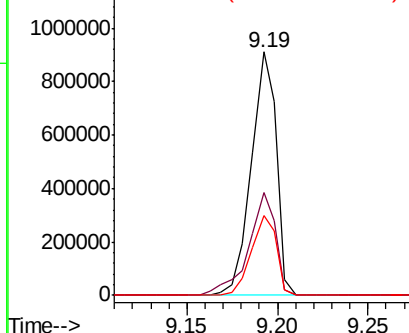
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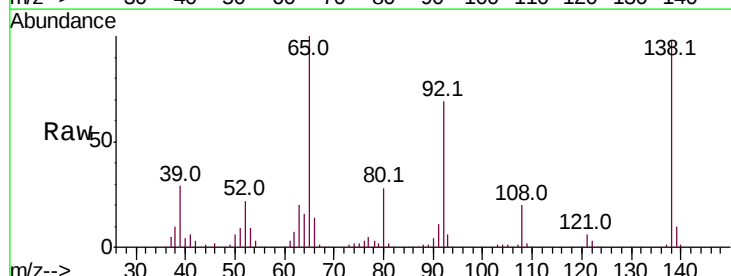
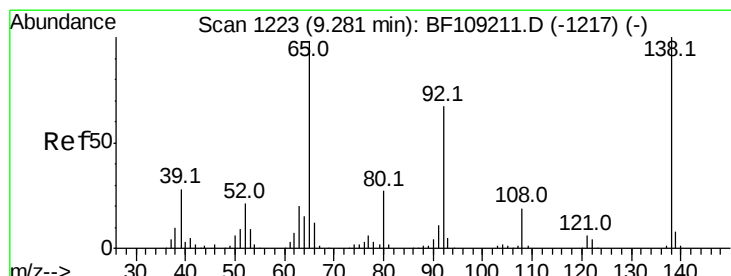
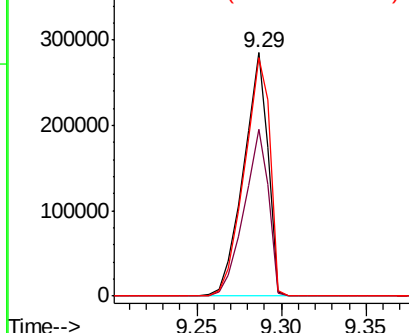
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

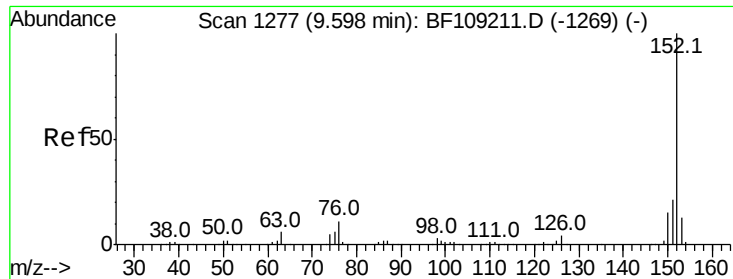


#47
2-Nitroaniline
Concen: 75.851 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.6	55.8	83.6	
138	97.9	91.2	136.8	

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 70.237 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1307327

Ion Ratio Lower Upper

152 100

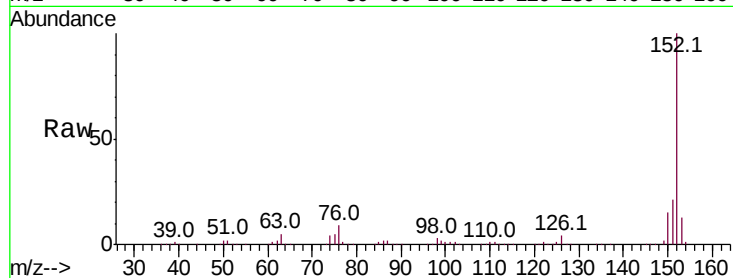
151 20.6 16.3 24.5

153 13.1 10.7 16.1

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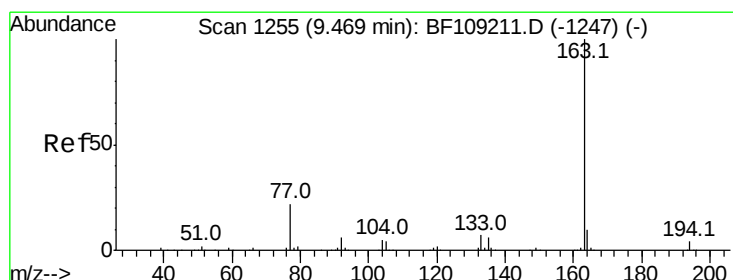
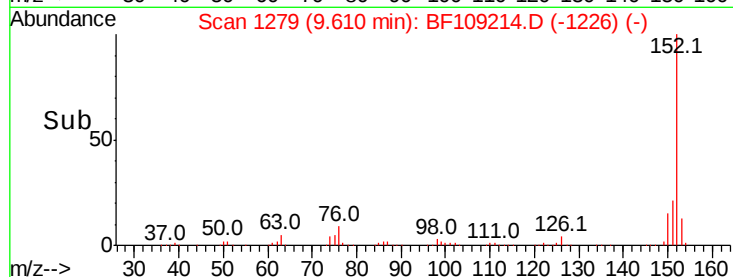
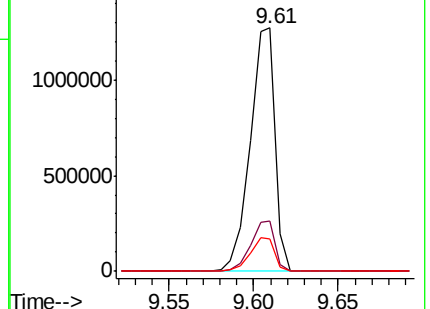
9/24/2018 11:38:38 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 73.077 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

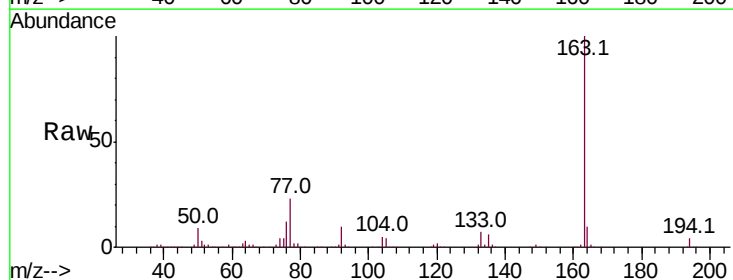
Tgt Ion:163 Resp: 1006372

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

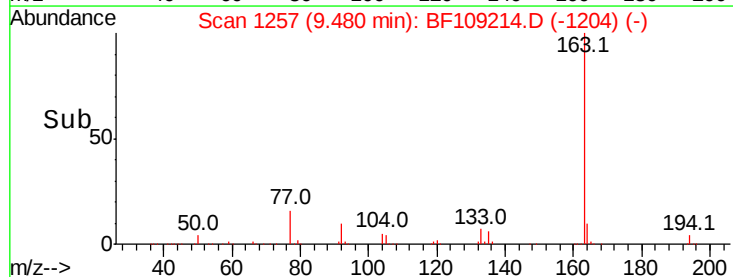
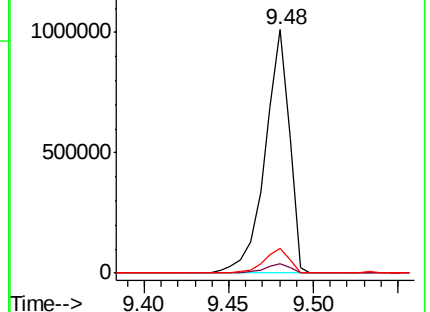
164 10.3 8.2 12.2

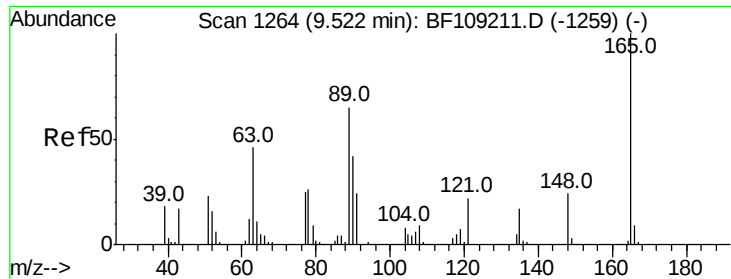


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50
2,6-Dinitrotoluene
Concen: 74.027 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

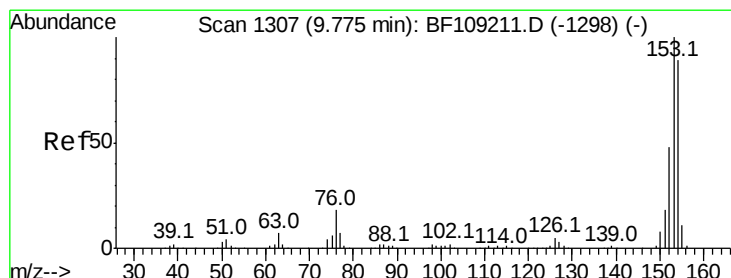
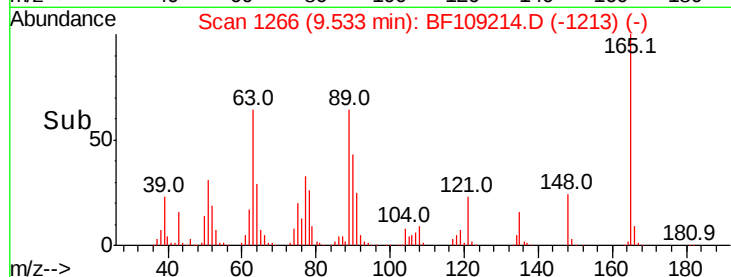
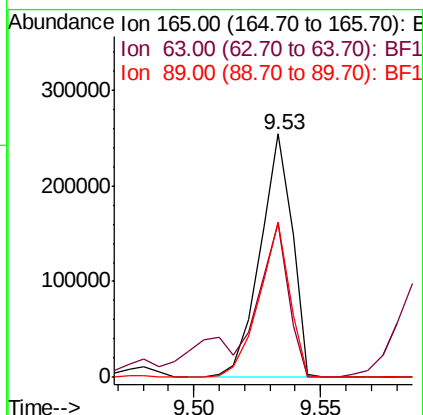
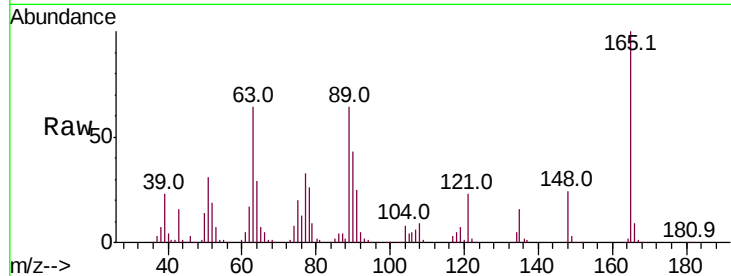
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	226081		
63	63.5	44.7	67.1	
89	63.8	44.0	66.0	

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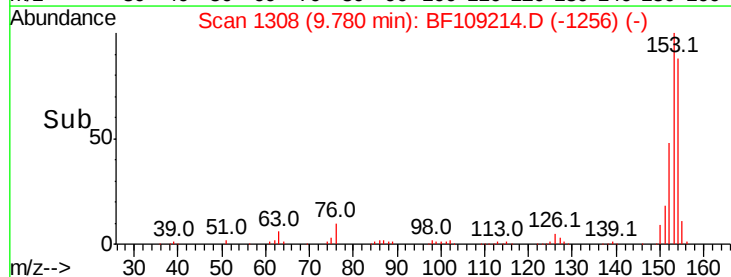
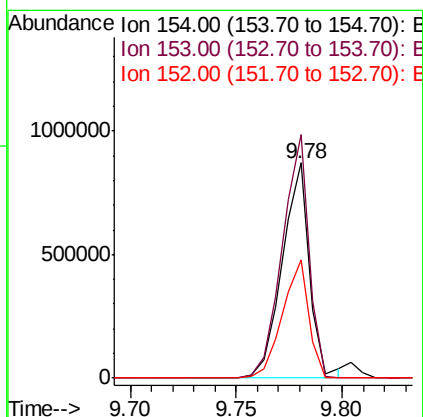
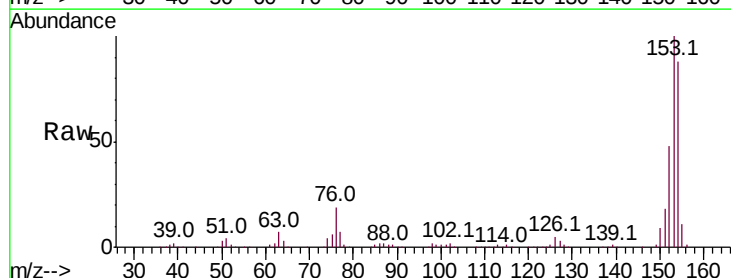
Sohil

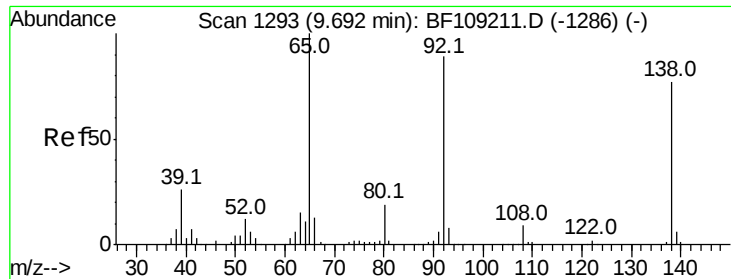
9/24/2018 11:38:38 AM



#51
Acenaphthene
Concen: 67.697 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	784624		
153	113.1	91.2	136.8	
152	54.8	43.8	65.8	





#52
 3-Nitroaniline
 Concen: 72.042 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

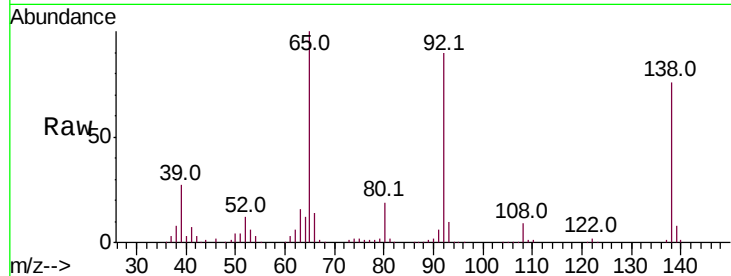
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:138	Resp:	259076
Ion Ratio	Lower	Upper
138	100	
108	11.8	9.4 14.0
92	118.0	89.4 134.2

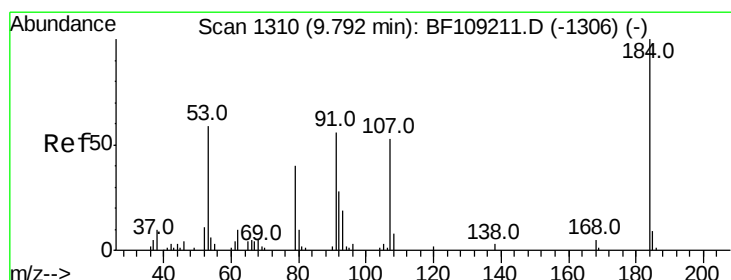
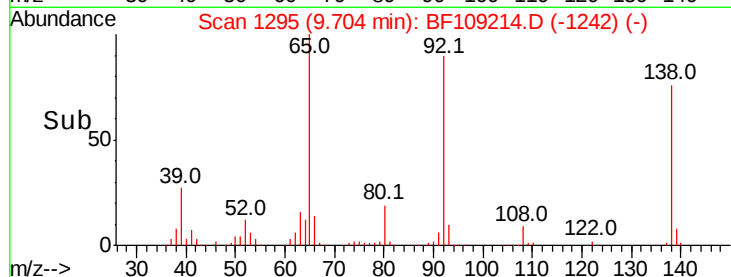
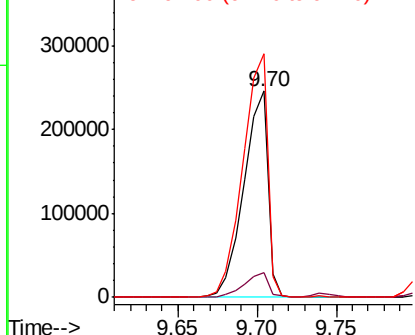
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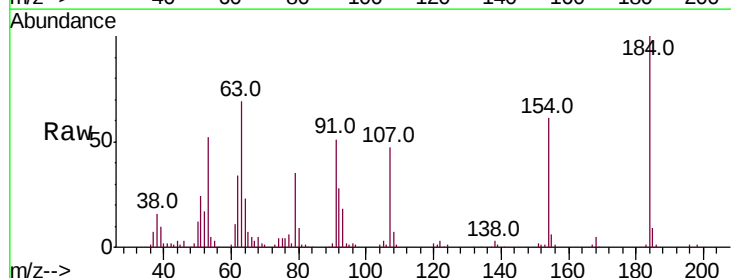


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

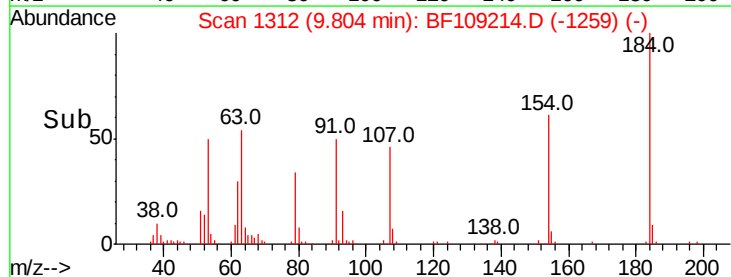
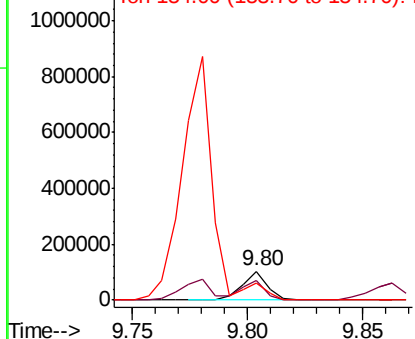


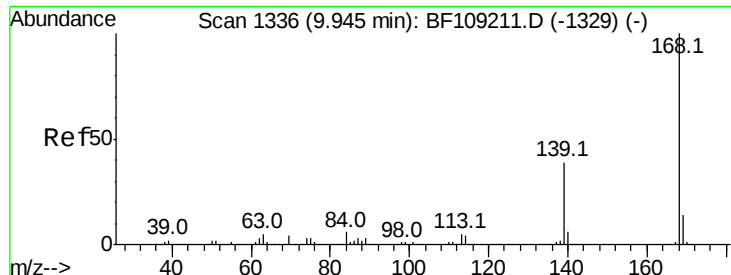
#53
 2,4-Dinitrophenol
 Concen: 68.093 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion:184	Resp:	80146
Ion Ratio	Lower	Upper
184	100	
63	69.1	54.2 81.2
154	61.0	184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#54
 Dibenzofuran
 Concen: 69.127 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

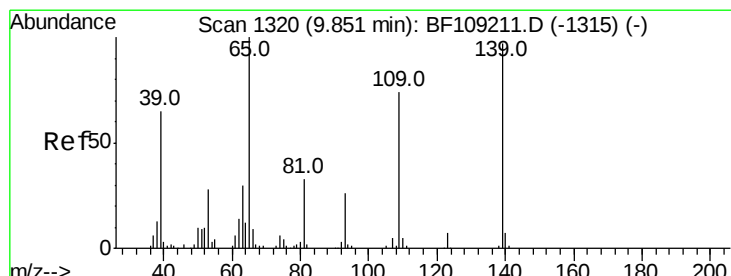
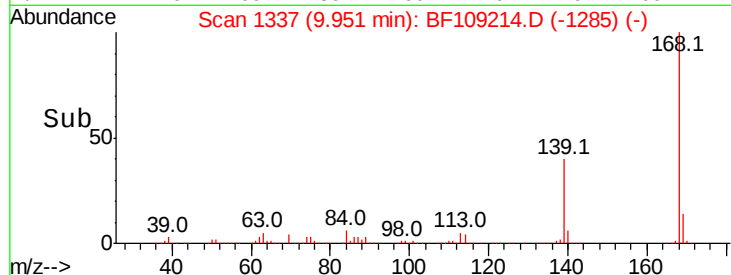
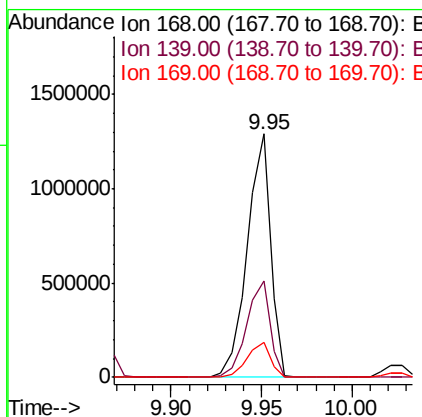
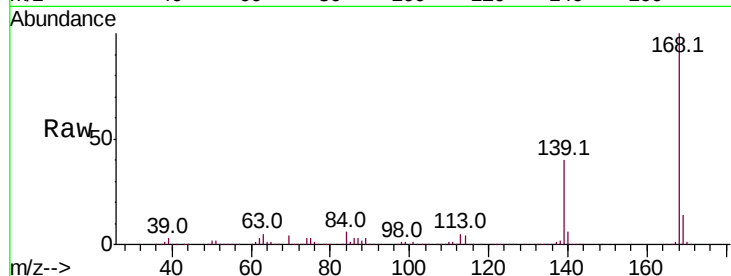
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot	Ion:168	Resp:	1157799
Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	14.3	10.9	16.3

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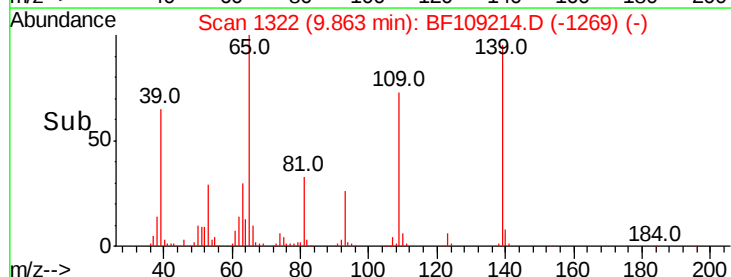
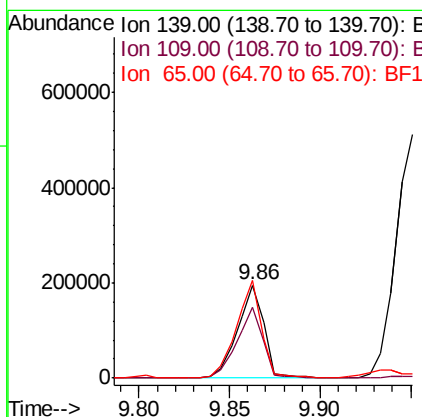
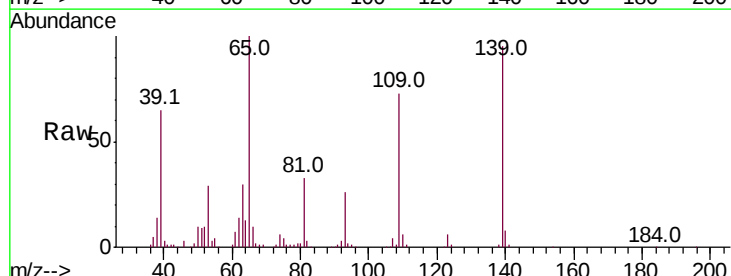
Sohil

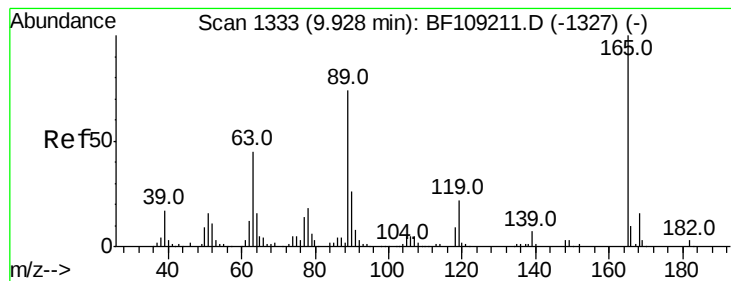
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#55
 4-Nitrophenol
 Concen: 73.893 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion:139	Resp: 195786
Ion Ratio	Lower Upper
139 100	
109 76.5	48.4 88.4
65 105.1	72.6 112.6





#56

2,4-Dinitrotoluene

Concen: 70.860 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:165 Resp: 283020
Ion Ratio Lower Upper

165 100

63 52.3 36.4 54.6

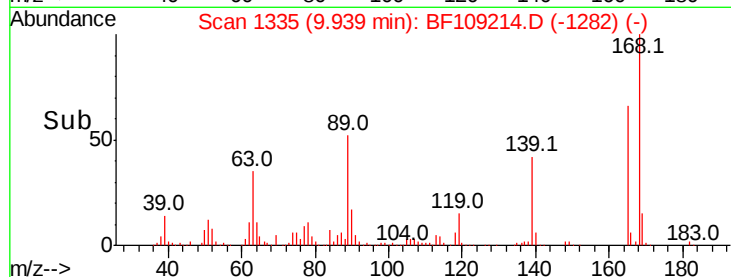
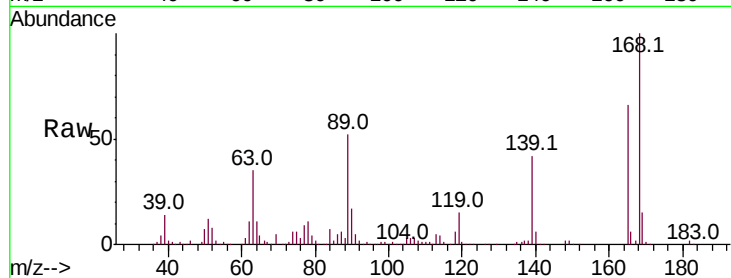
89 77.8 57.8 86.6

182 2.4 1.6 2.4#

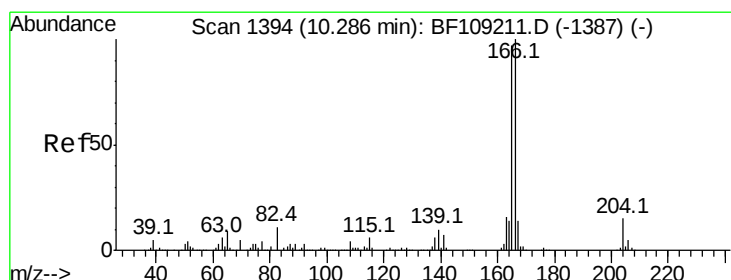
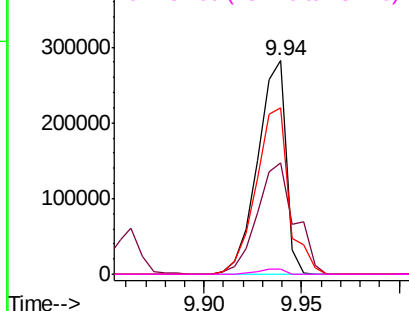
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 72.732 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF109214.D

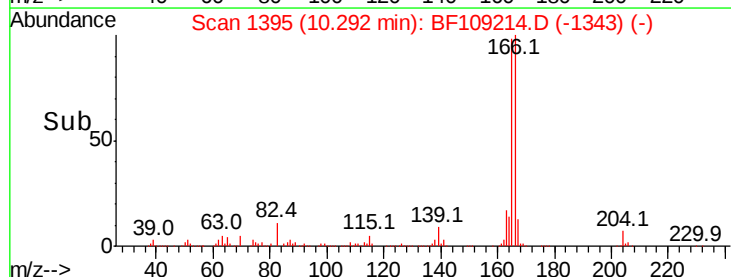
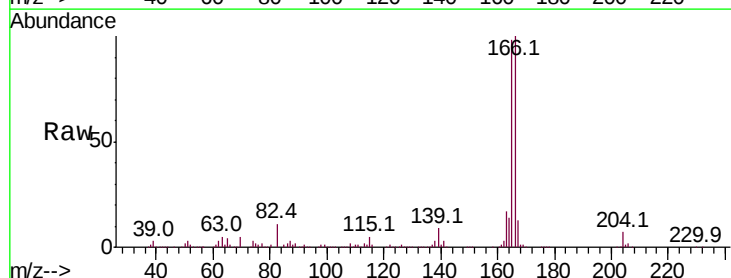
Acq: 22 Sep 2018 11:55

Tgt Ion:166 Resp: 811801
Ion Ratio Lower Upper

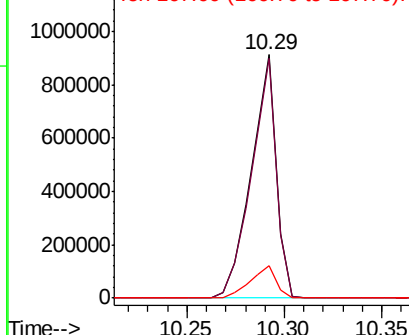
166 100

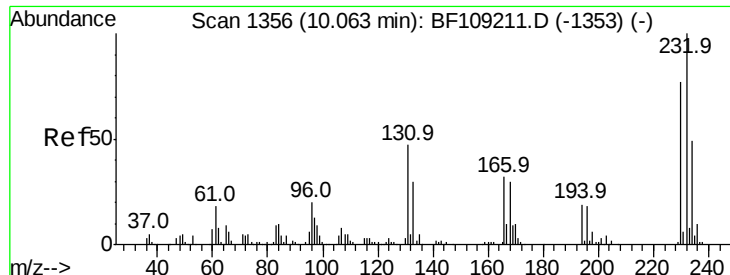
165 98.2 79.8 119.8

167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 72.401 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

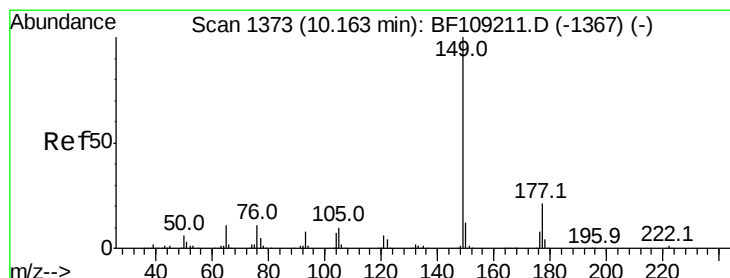
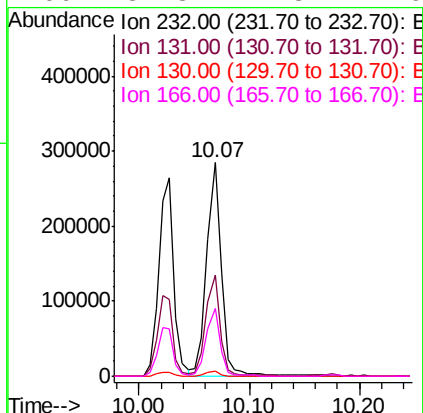
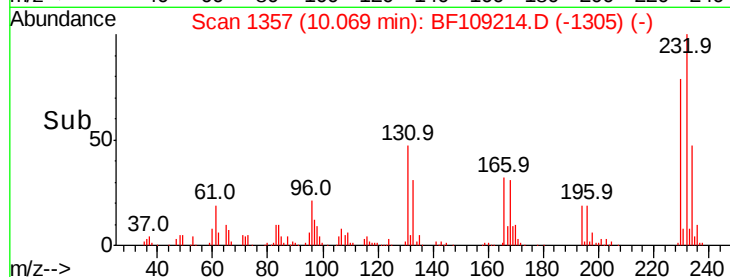
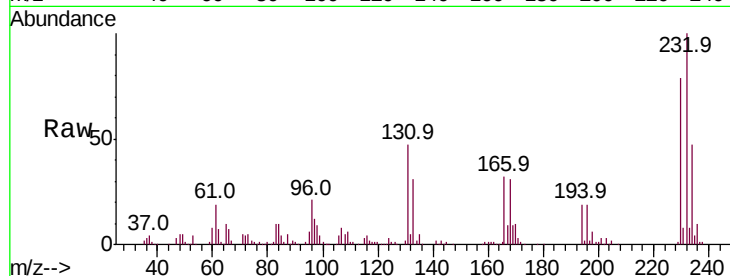
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	255359		
131	47.0		43.8	65.8
130	2.3		2.1	3.1
166	31.3		27.8	41.6

Manual Integrations
 APPROVED

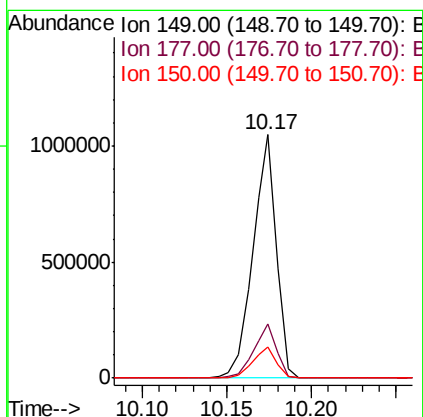
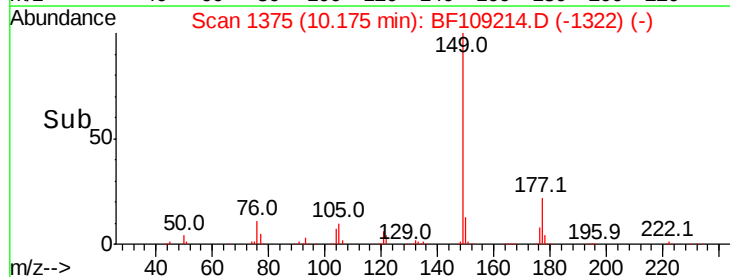
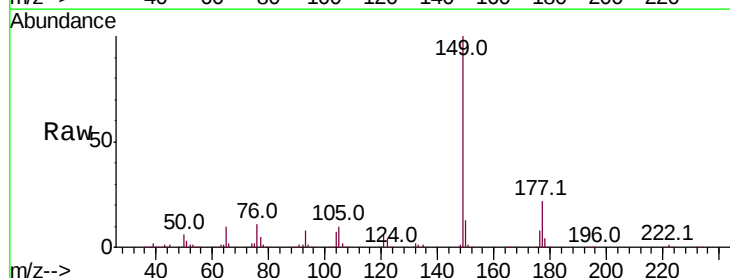
Sohil

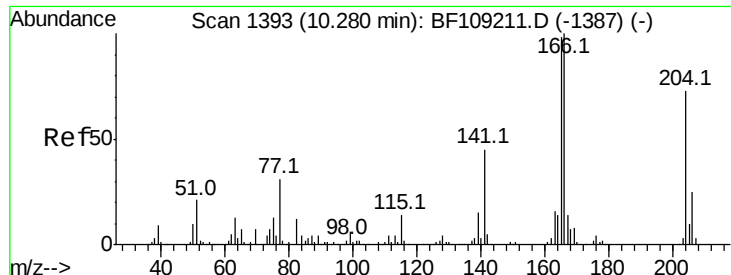
9/24/2018 11:38:38 AM



#59
 Diethylphthalate
 Concen: 72.669 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1010595		
177	22.4		16.1	24.1
150	12.7		10.1	15.1





#60
 4-Chlorophenyl-phenylether
 Concen: 70.072 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

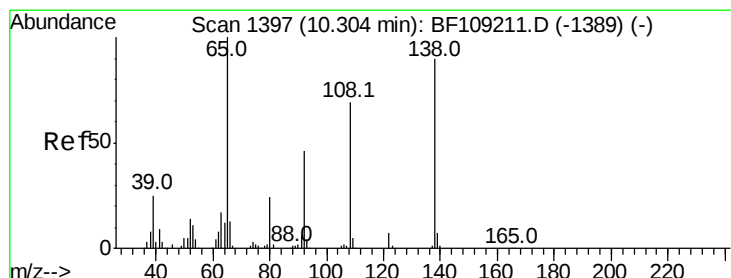
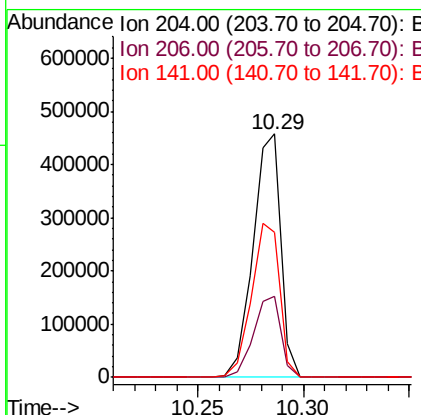
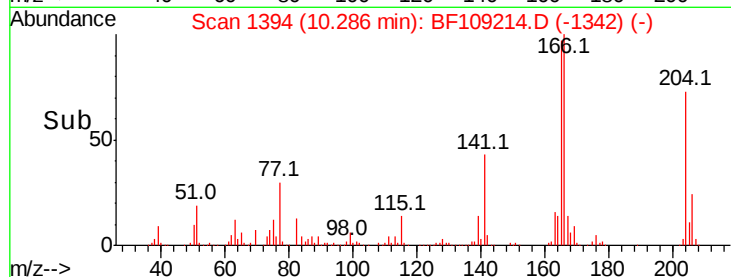
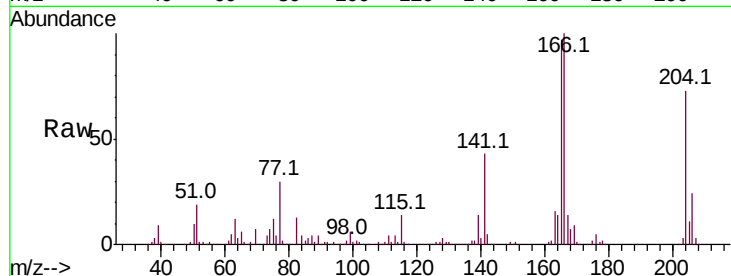
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	204	Resp:	418797
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	59.8	54.6	81.8

Manual Integrations
 APPROVED

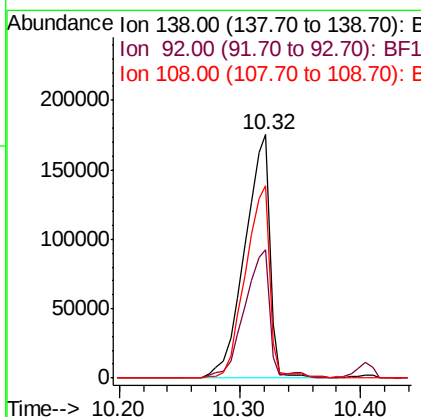
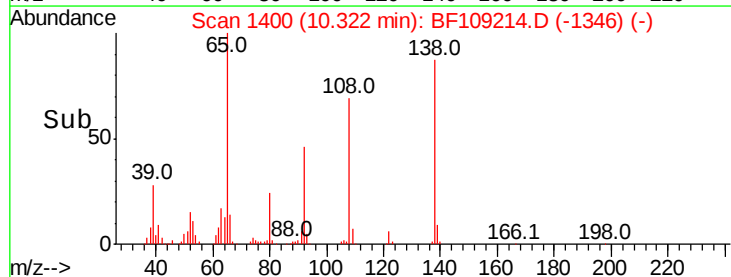
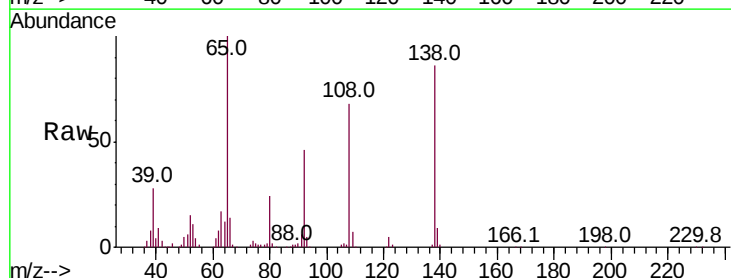
Sohil

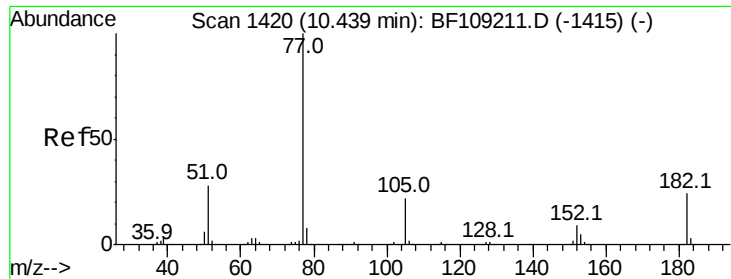
9/24/2018 11:38:38 AM



#61
 4-Nitroaniline
 Concen: 74.483 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion:	138	Resp:	254480
Ion Ratio	Lower	Upper	
138	100		
92	53.0	30.2	70.2
108	79.2	52.5	92.5





#62
Azobenzene
Concen: 72.737 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

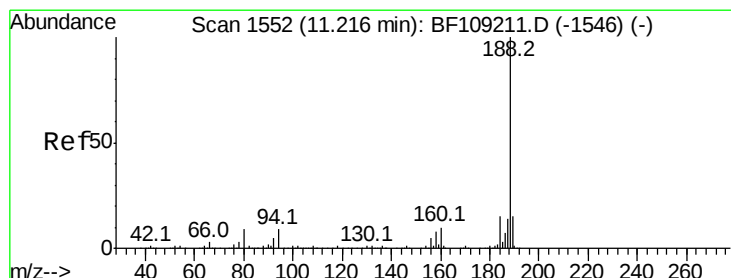
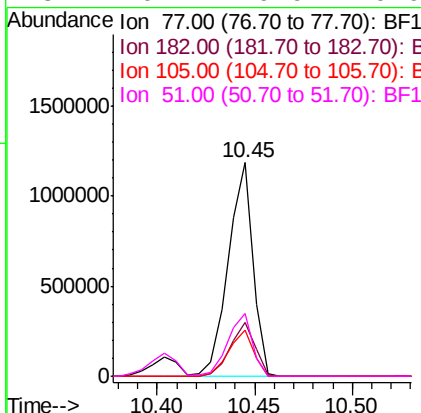
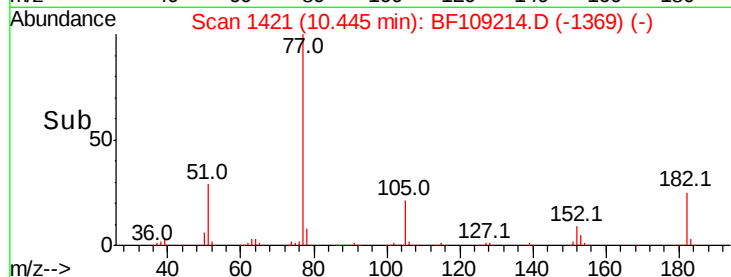
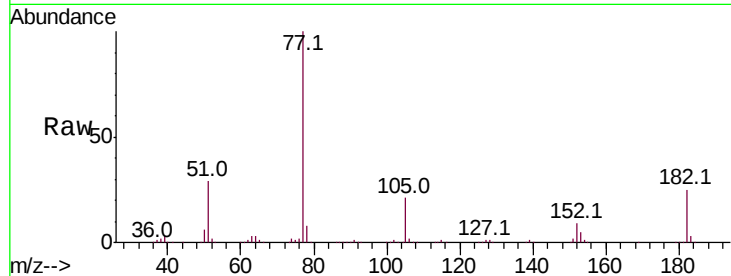
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	21.5	3.0	43.0
51	29.2	9.9	49.9

Manual Integrations
APPROVED

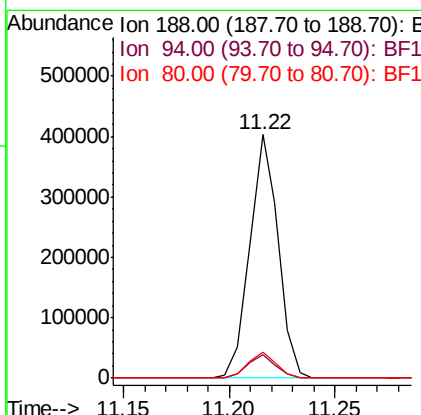
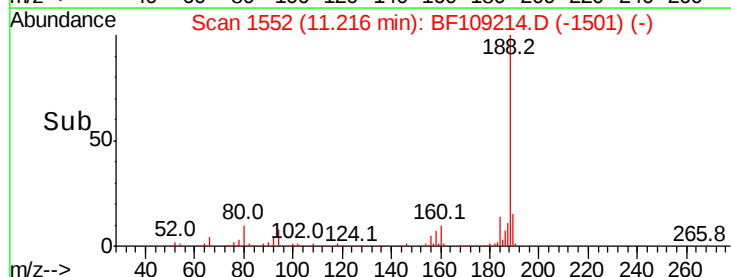
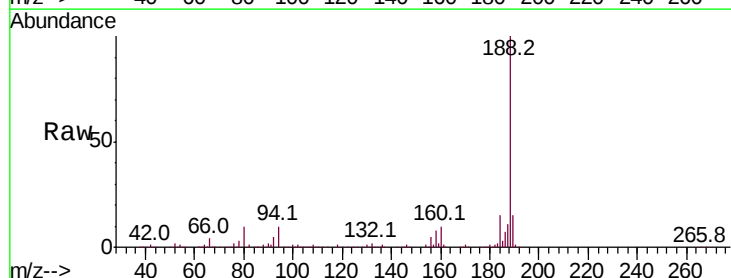
Sohil

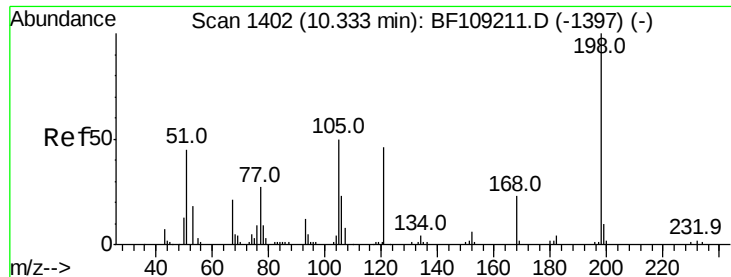
9/24/2018 11:38:38 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.5	9.2	13.8





#64
4,6-Dinitro-2-methylphenol
Concen: 71.460 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

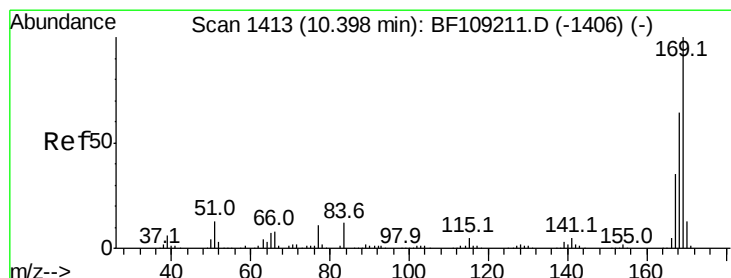
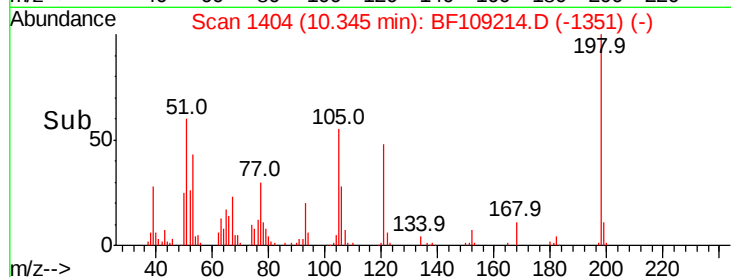
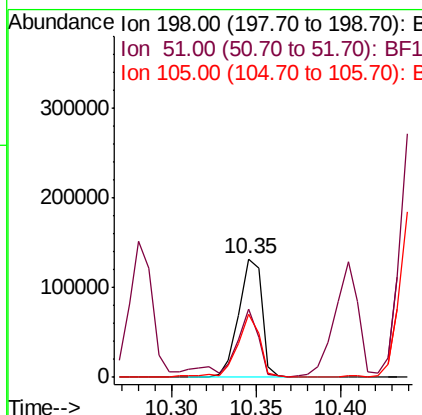
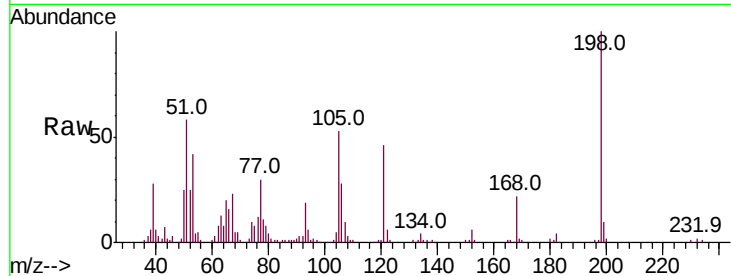
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.2	37.7	77.7
105	53.5	36.3	76.3

Manual Integrations
APPROVED

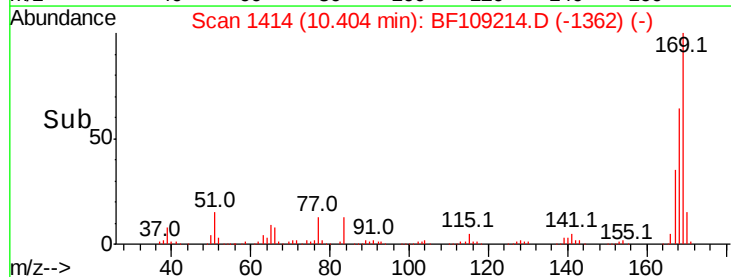
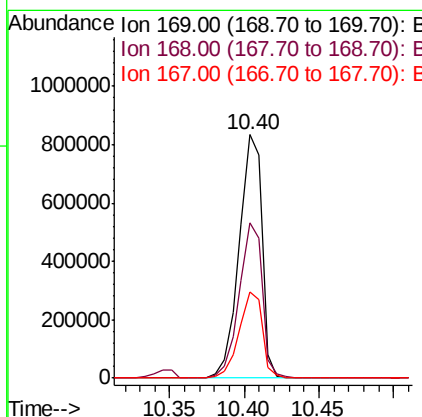
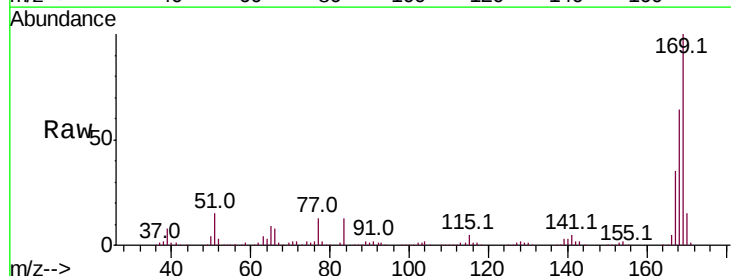
Sohil

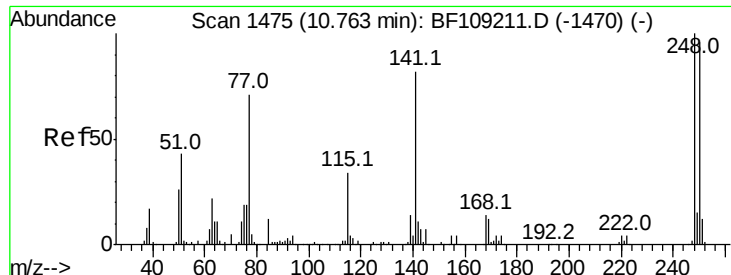
9/24/2018 11:38:38 AM



#65
n-Nitrosodiphenylamine
Concen: 72.401 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	54.4	81.6
167	35.5	29.8	44.6





#66
4-Bromophenyl-phenylether
Concen: 70.520 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

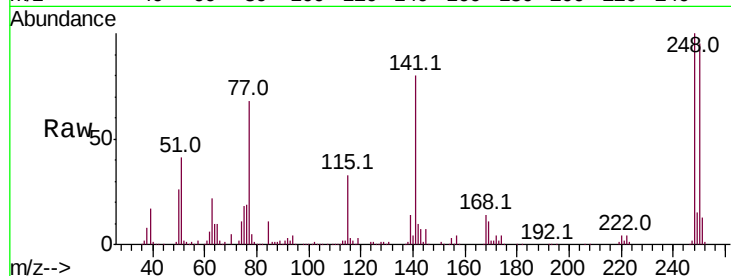
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	79.8	74.4	111.6

Manual Integrations
APPROVED

Sohil

9/24/2018 11:38:38 AM

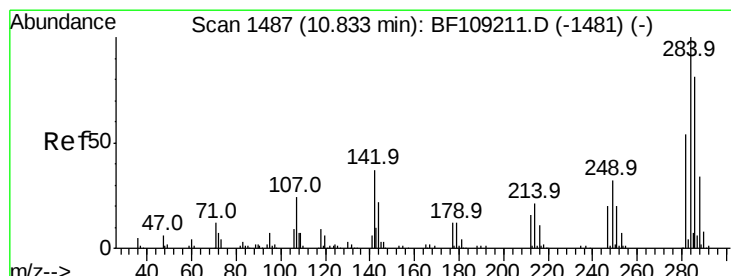
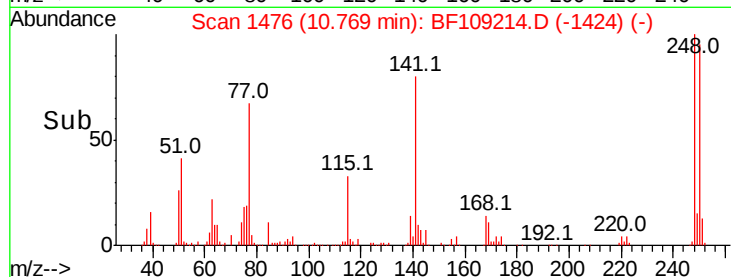
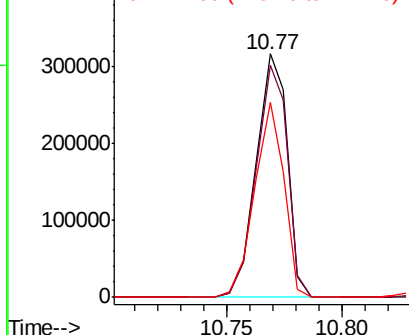


Abundance

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: 70.528 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

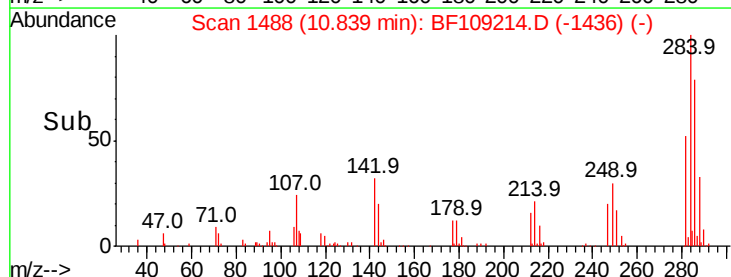
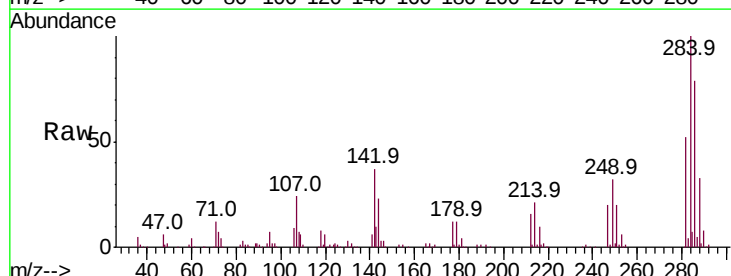
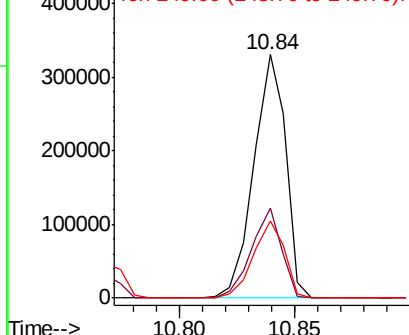
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	34.6	52.0
249	31.6	24.8	37.2

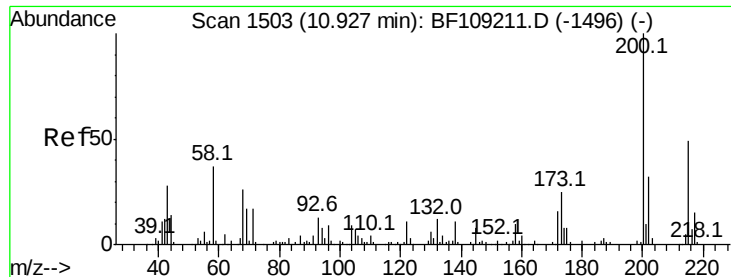
Abundance

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: 67.997 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

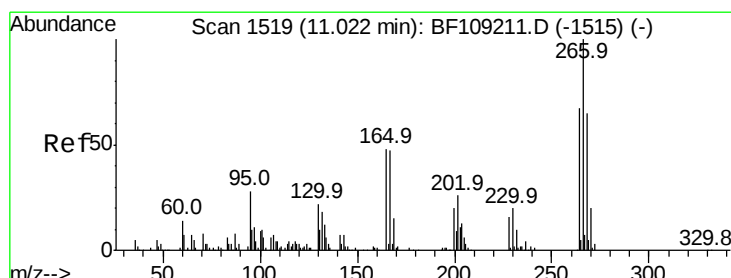
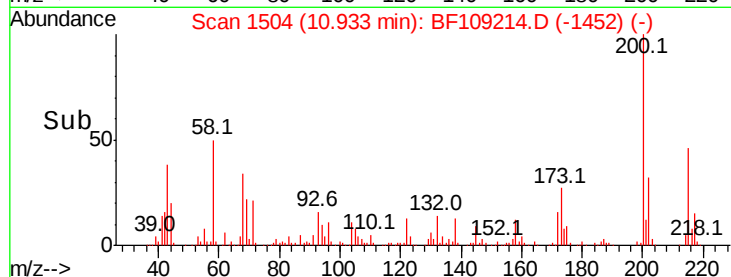
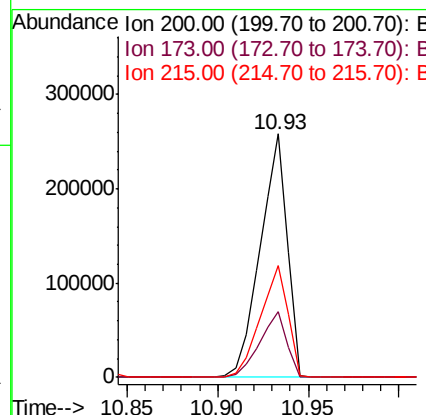
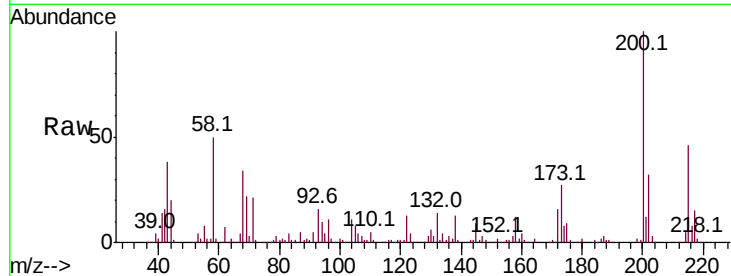
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	8.6	48.6
215	46.0	25.1	65.1

Manual Integrations
APPROVED

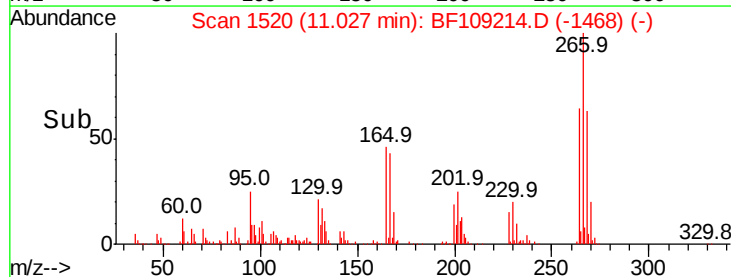
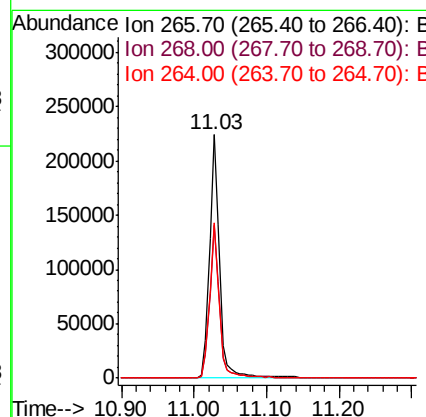
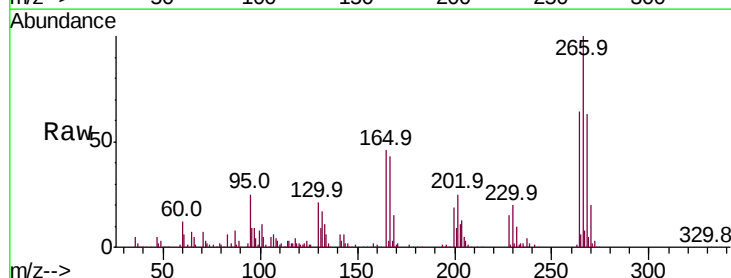
Sohil

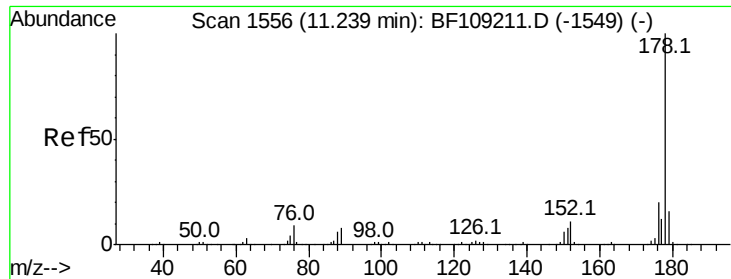
9/24/2018 11:38:38 AM



#69
Pentachlorophenol
Concen: 76.076 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	51.1	76.7
264	64.0	49.5	74.3





#70
Phenanthrene
Concen: 70.879 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

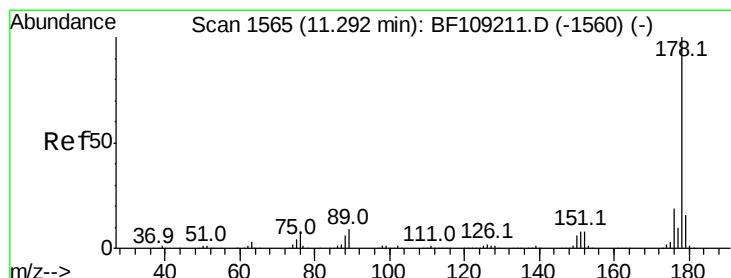
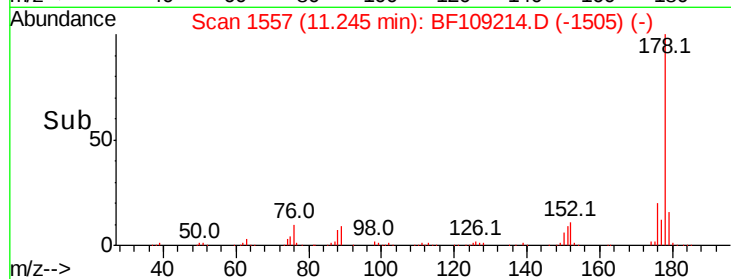
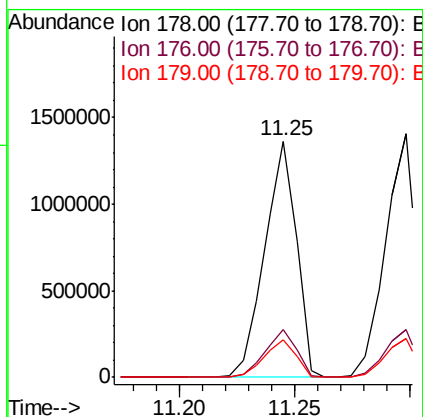
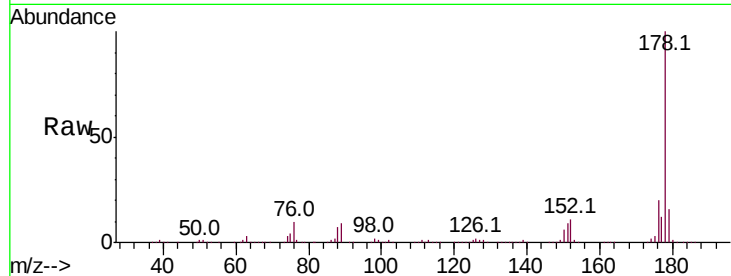
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6

Manual Integrations
APPROVED

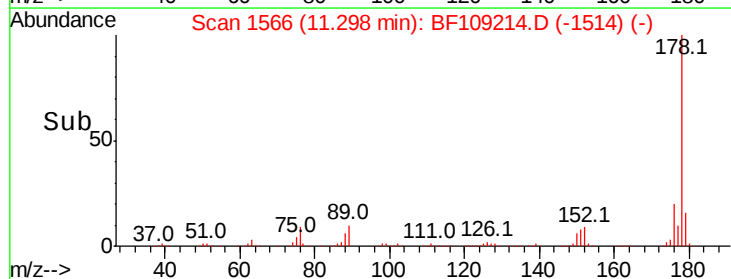
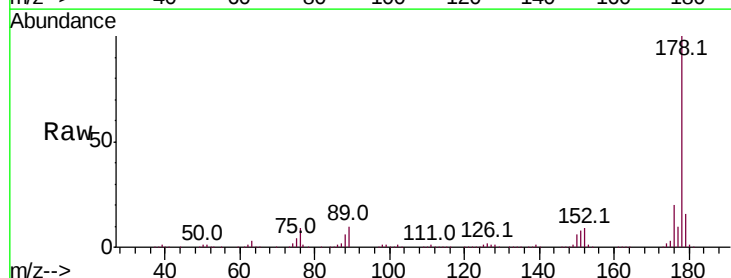
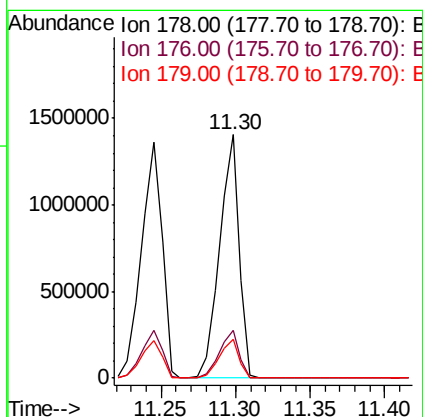
Sohil

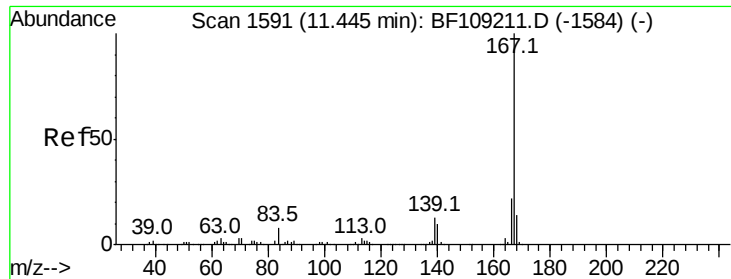
9/24/2018 11:38:38 AM



#71
Anthracene
Concen: 69.746 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.0	12.6	19.0





#72

Carbazole

Concen: 71.272 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1316478

Ion Ratio Lower Upper

167 100

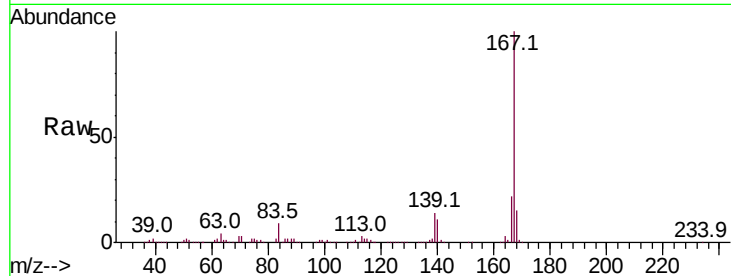
166 22.1 17.6 26.4

139 13.9 10.9 16.3

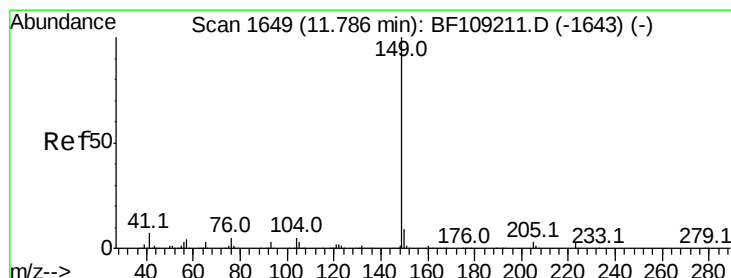
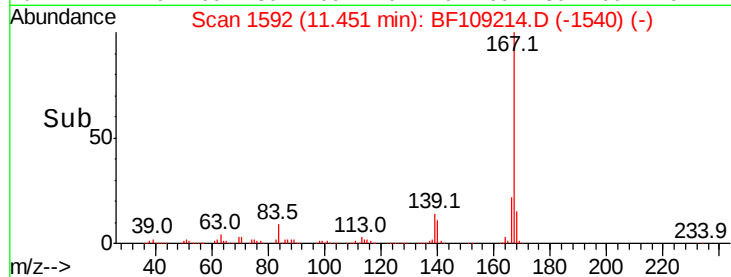
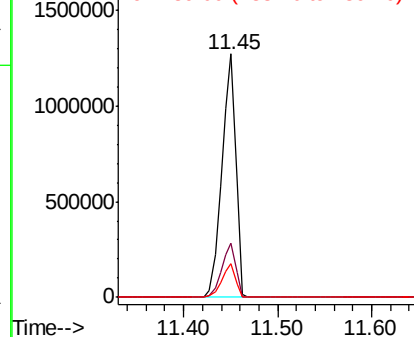
Manual Integrations
APPROVED

Sohil

9/24/2018 11:38:38 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 69.708 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

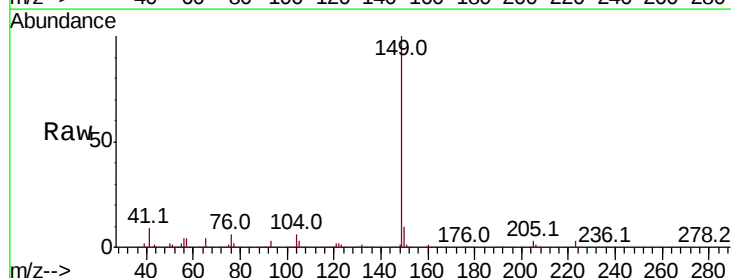
Tgt Ion:149 Resp: 1507212

Ion Ratio Lower Upper

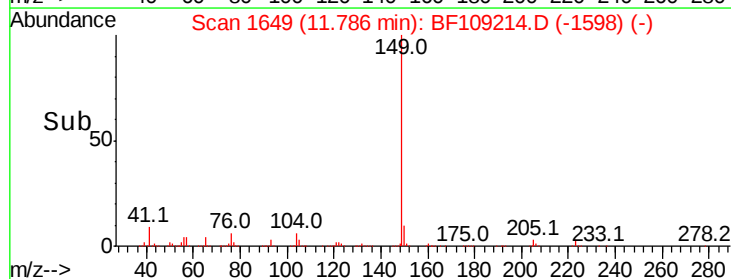
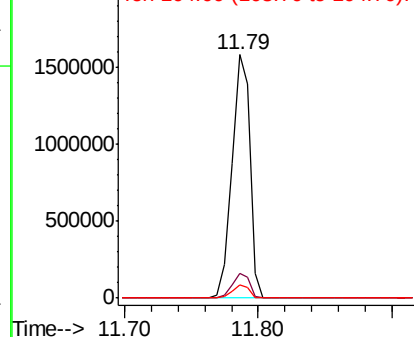
149 100

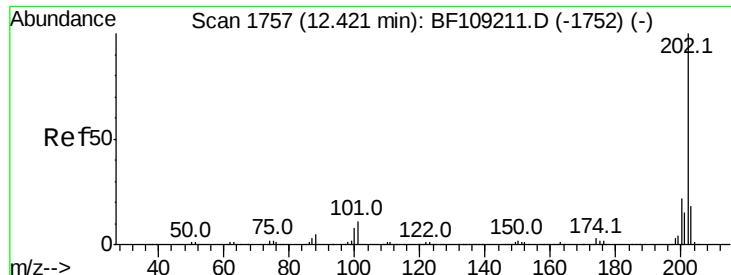
150 10.0 7.8 11.6

104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74
 Fluoranthene
 Concen: 69.935 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

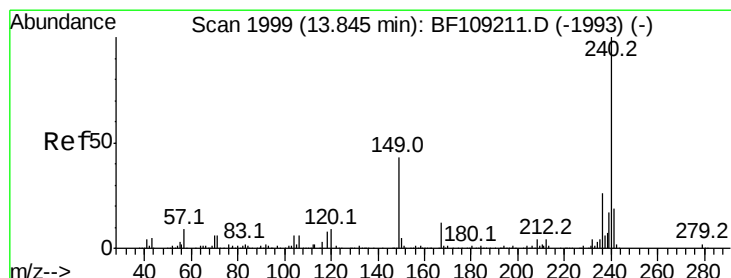
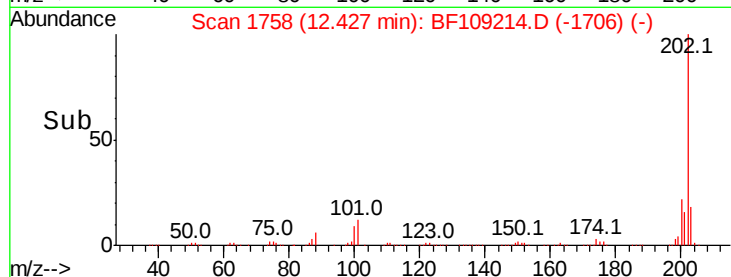
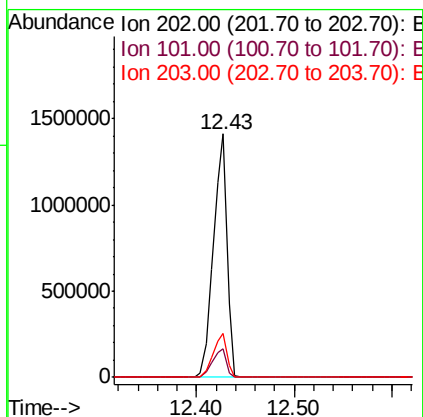
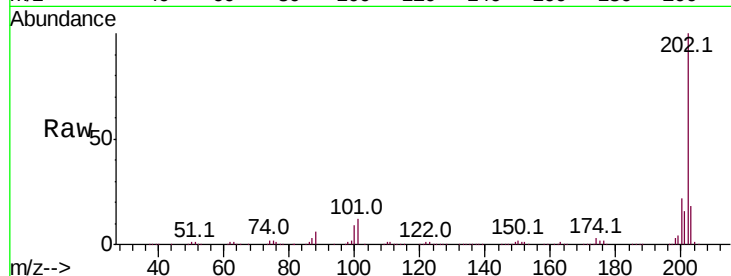
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.1	0.0	38.1

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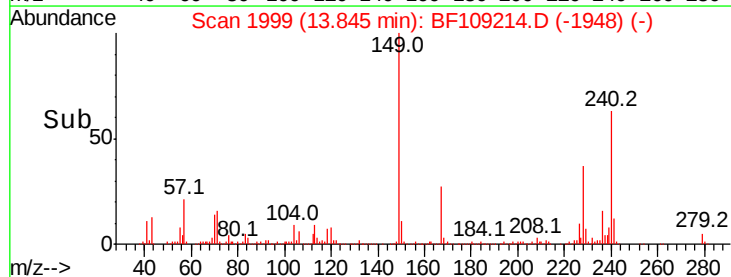
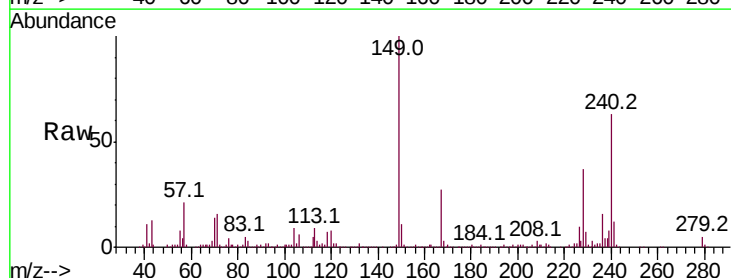
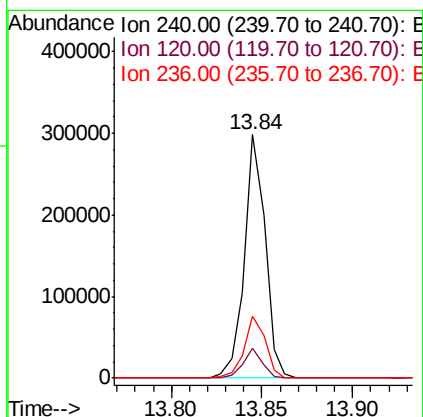
Sohil

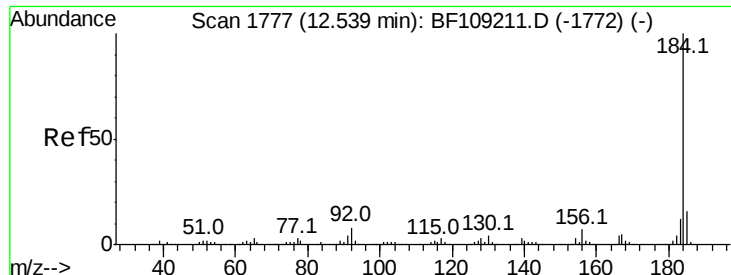
9/24/2018 11:38:38 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.5	20.7	31.1





#76
Benzidine
Concen: 64.712 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

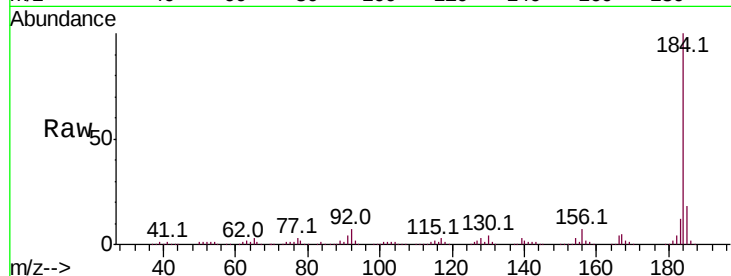
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	18.4	12.6	18.8	
183	11.5	9.3	13.9	

Manual Integrations
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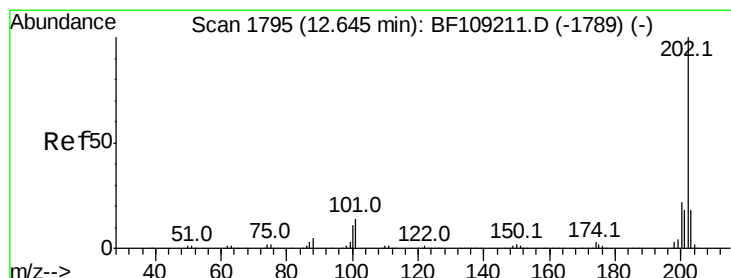
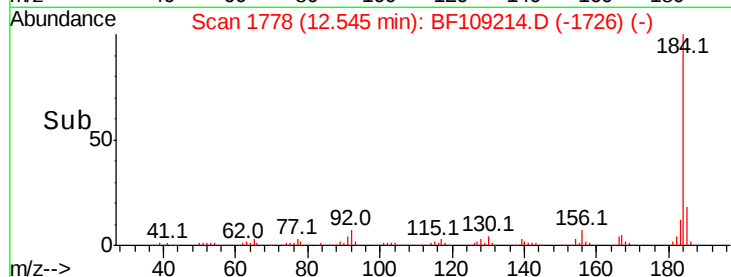
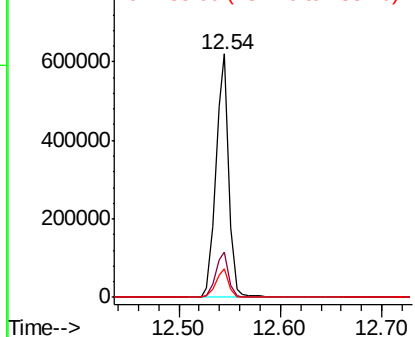


Abundance

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: 79.851 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

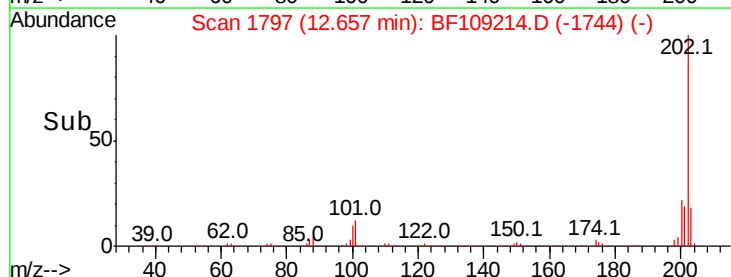
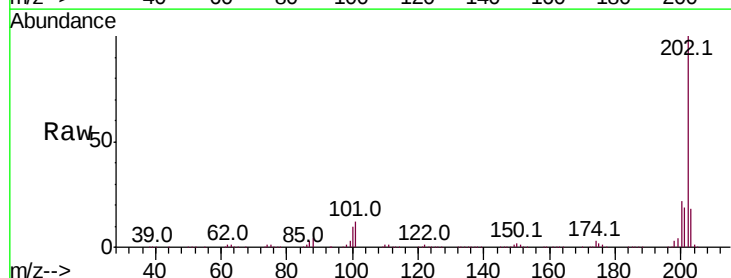
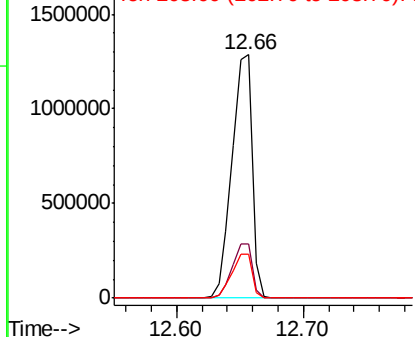
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4	17.4	26.2	
203	18.0	14.3	21.5	

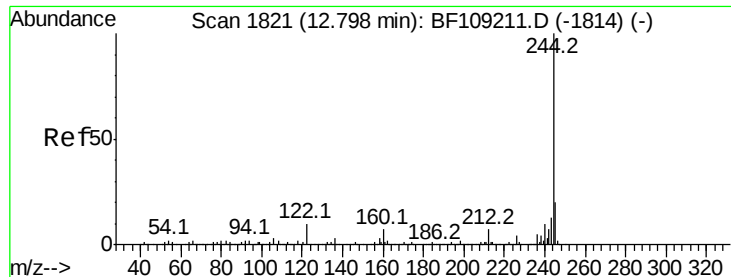
Abundance

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: 151.747 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 1523999

Ion Ratio Lower Upper

244 100

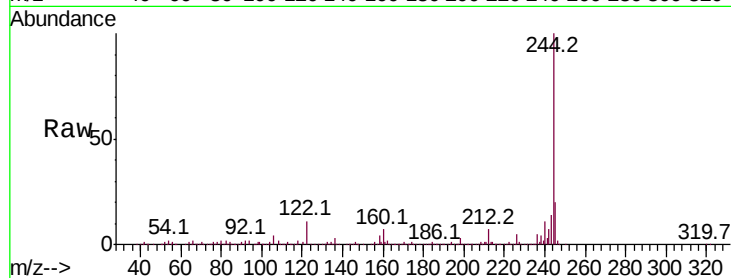
212 7.2 5.4 8.0

122 10.9 11.0 16.4#

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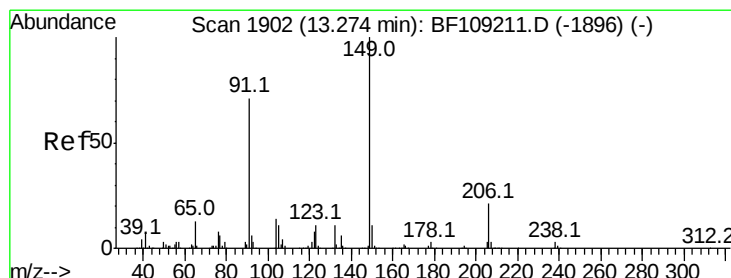
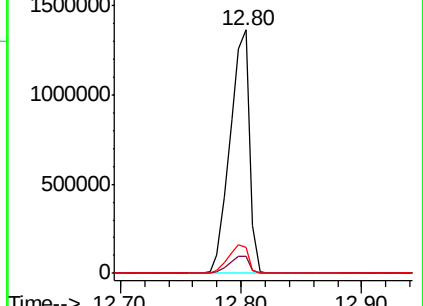
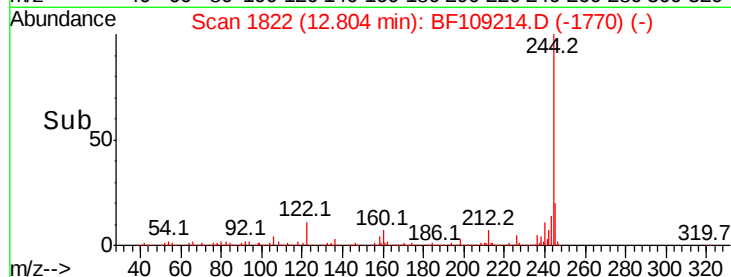
9/24/2018 11:38:38 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 80.977 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

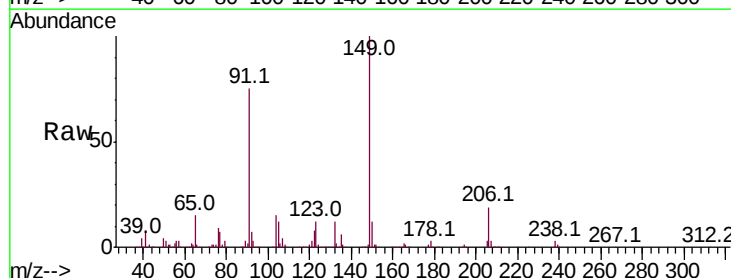
Tgt Ion:149 Resp: 639520

Ion Ratio Lower Upper

149 100

91 75.1 56.8 85.2

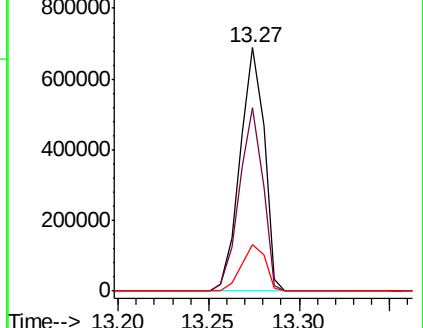
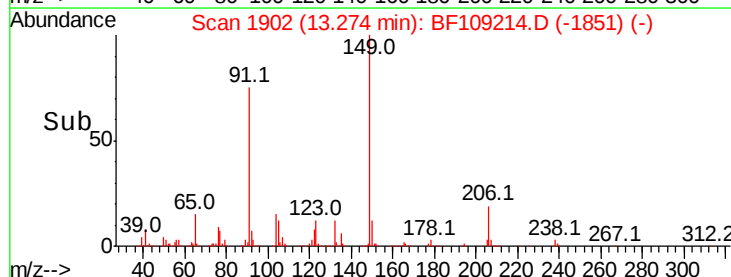
206 19.0 14.1 21.1

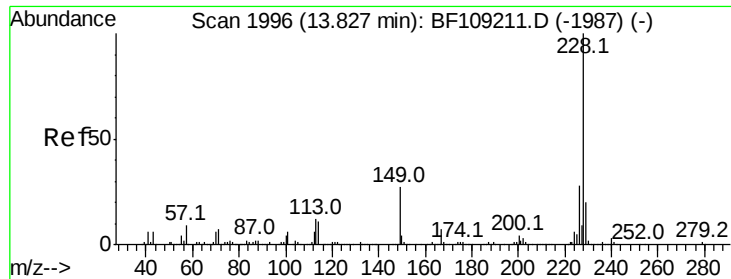


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 74.635 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

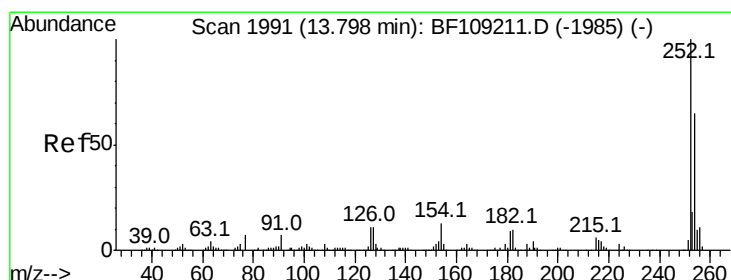
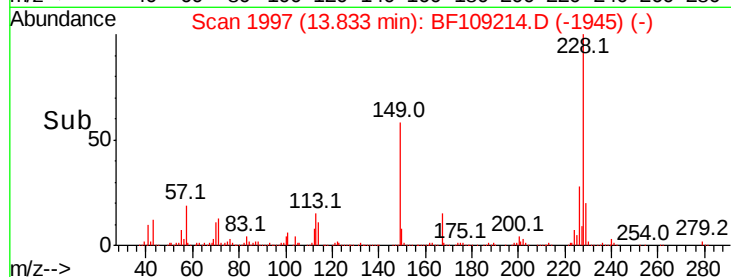
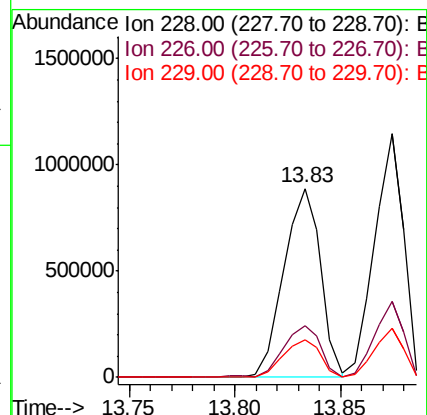
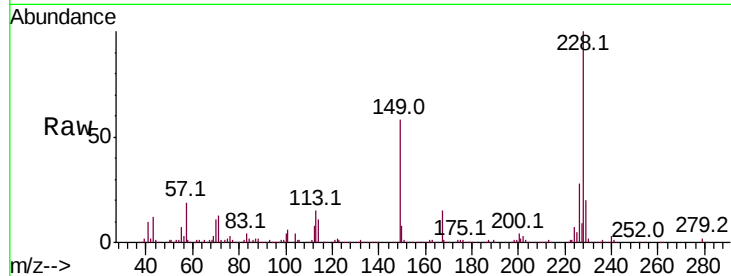
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.0	15.8	23.6

Manual Integrations
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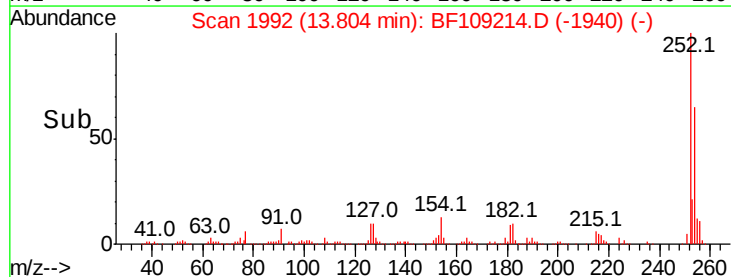
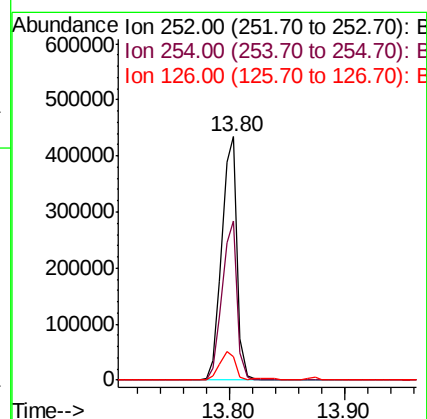
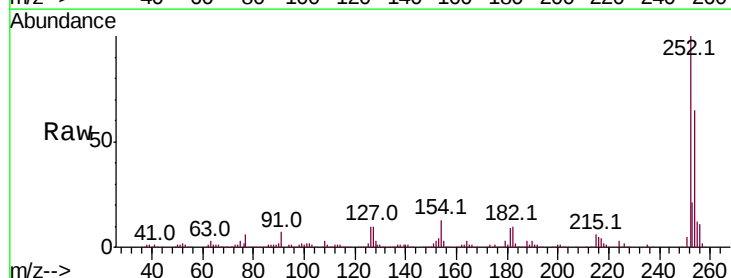
Sohil

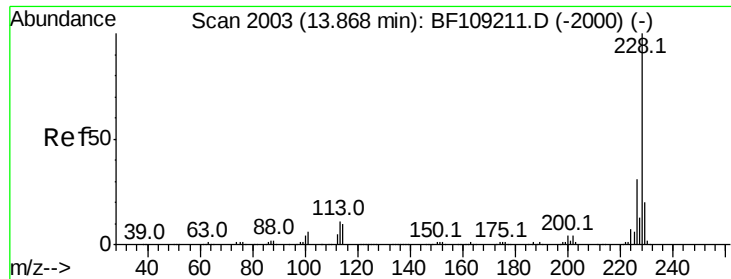
9/24/2018 11:38:38 AM



#81
3,3'-Dichlorobenzidine
Concen: 68.470 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.7	11.3	16.9





#82
 Chrysene
 Concen: 76.570 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

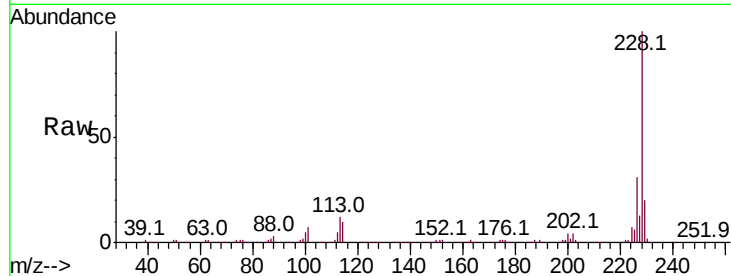
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4

Manual Integrations
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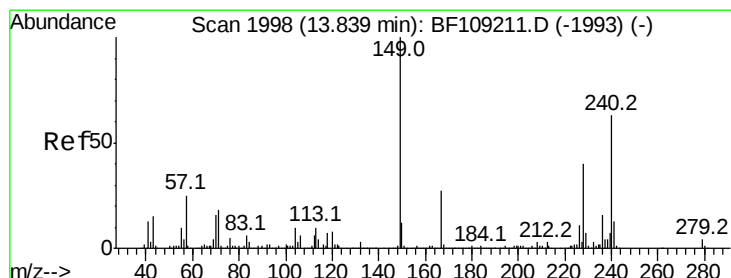
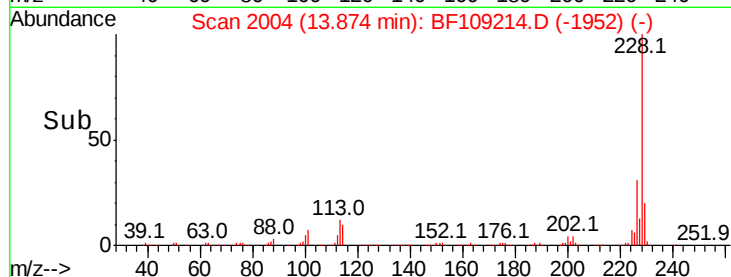
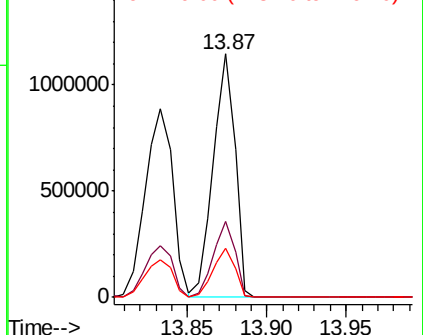


Abundance

Ion 228.00 (227.70 to 228.70): E

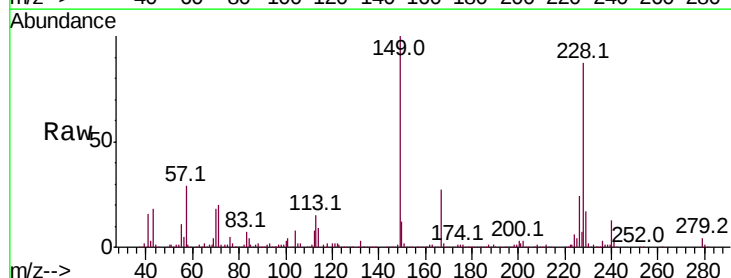
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 75.768 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF109214.D
 Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.0	3.0	4.4

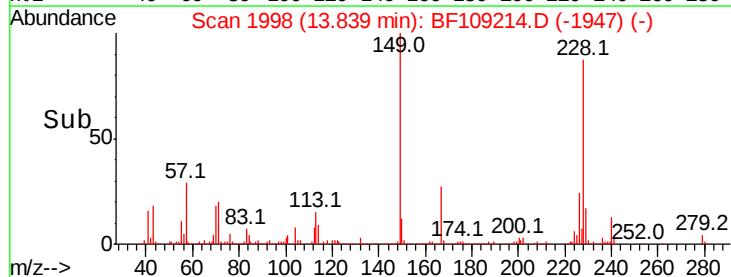
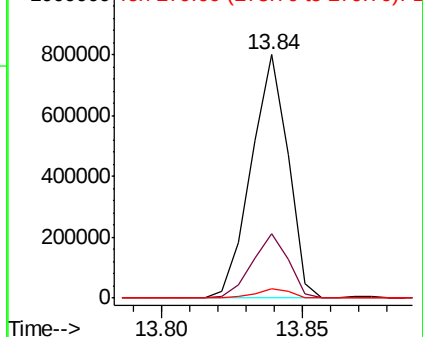


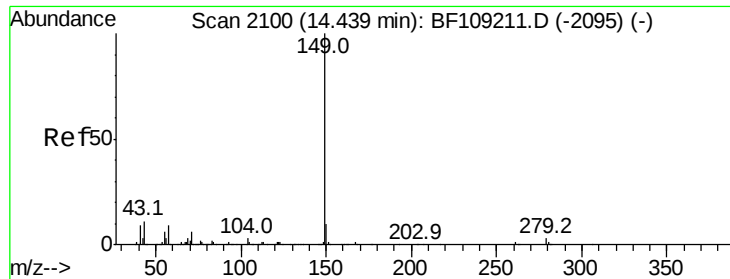
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84
Di-n-octyl phthalate
Concen: 75.884 ng
RT: 14.44 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

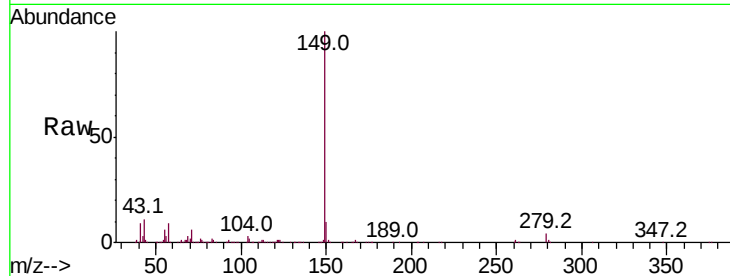
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6

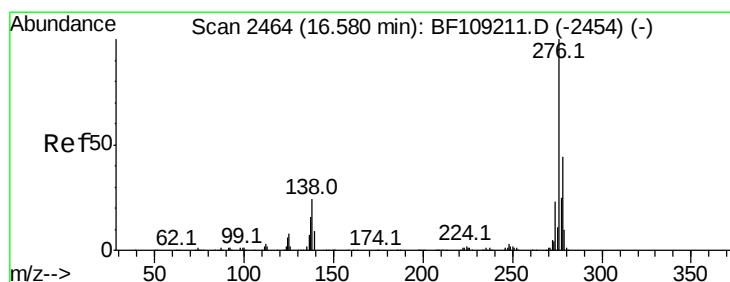
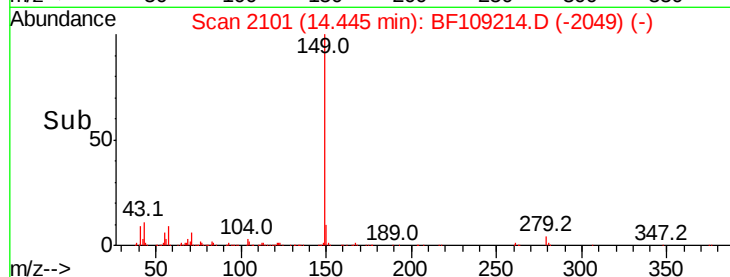
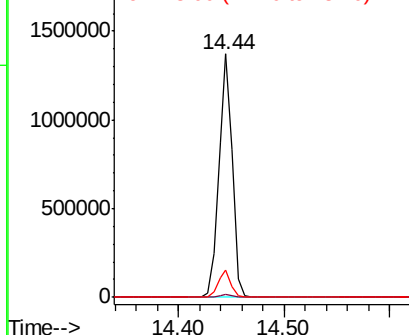
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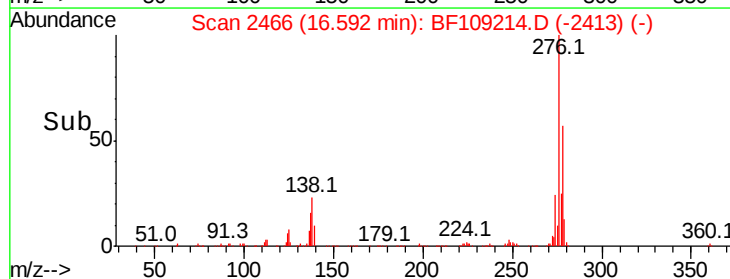
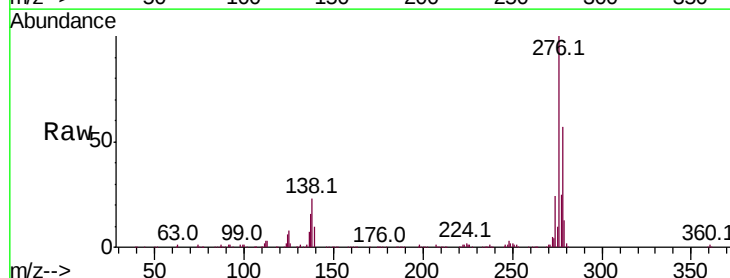
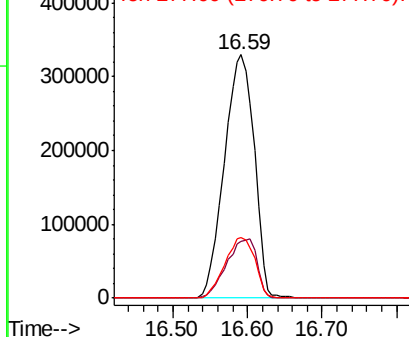
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

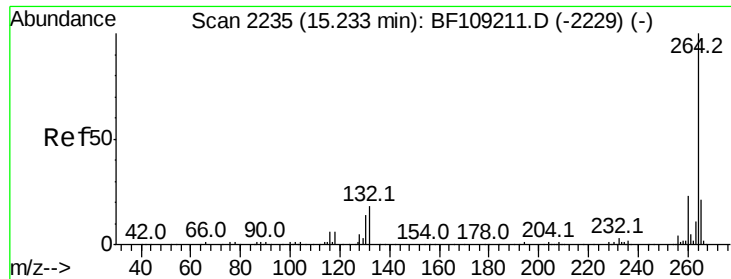


#85
Indeno(1,2,3-cd)pyrene
Concen: 79.633 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.0	20.1	30.1

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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

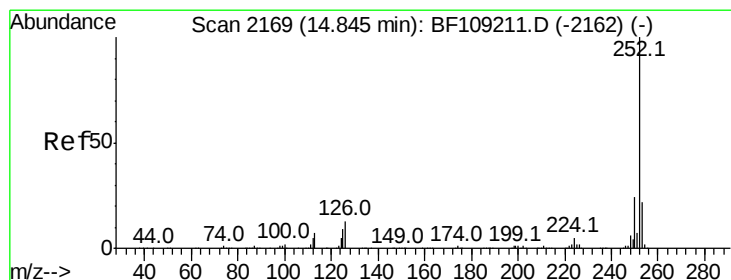
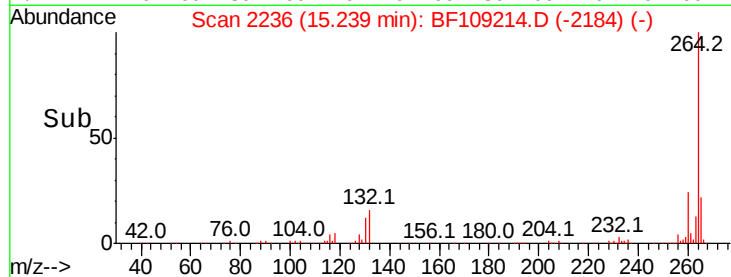
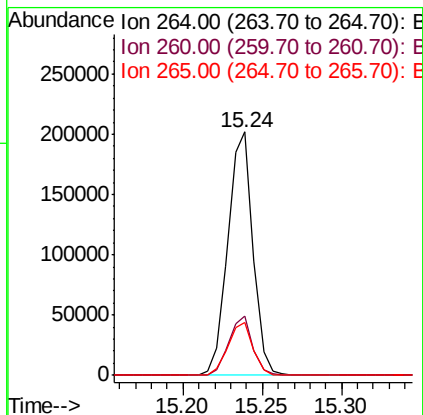
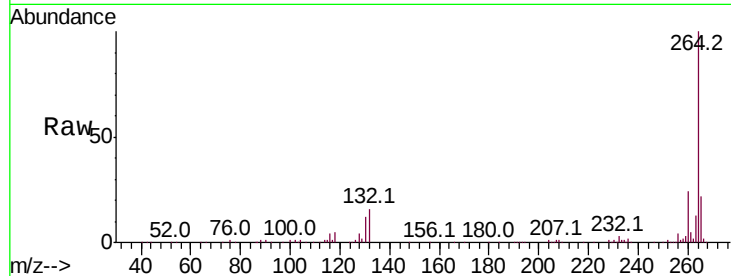
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
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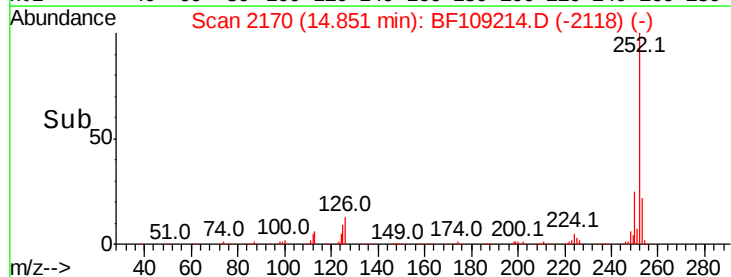
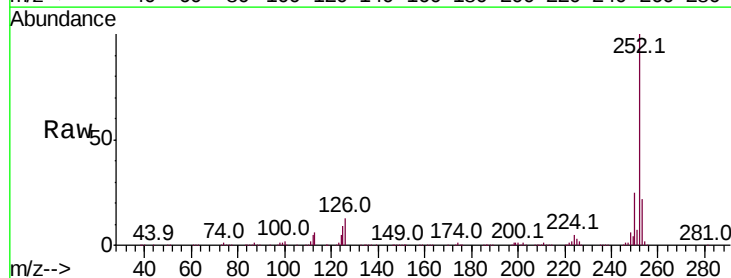
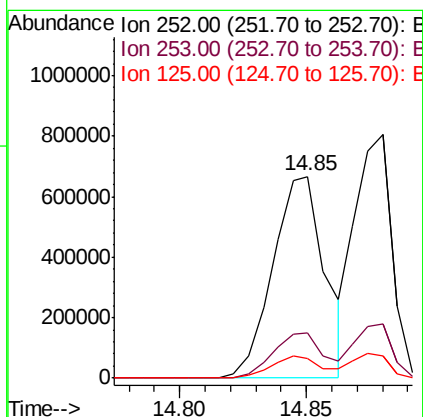
Sohil

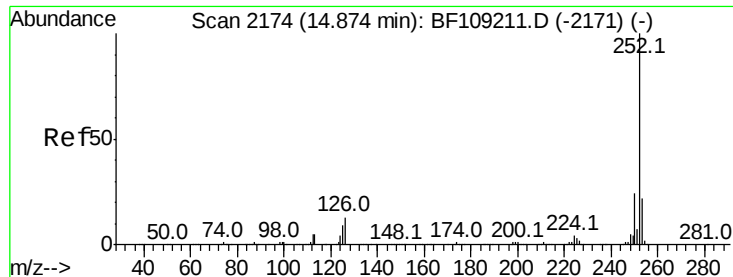
9/24/2018 11:38:38 AM



#87
Benzo(b)fluoranthene
Concen: 78.406 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.5	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 71.852 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

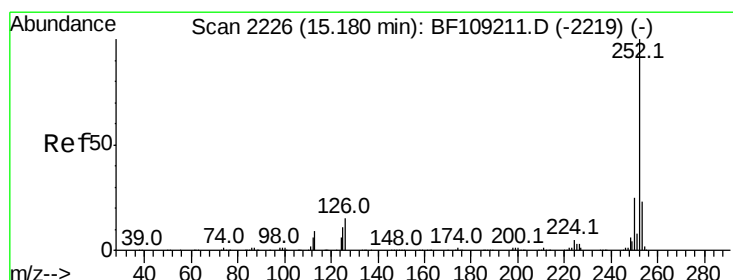
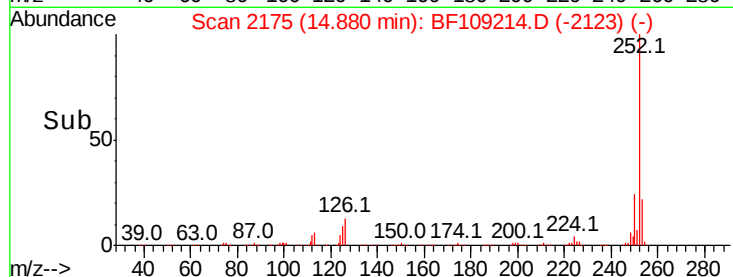
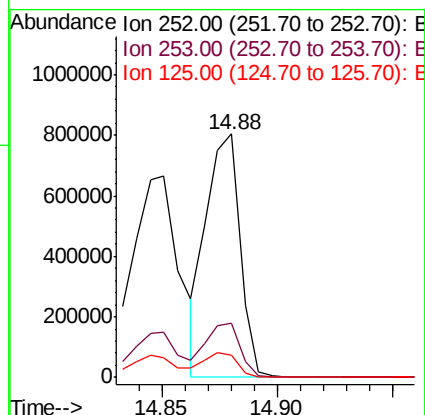
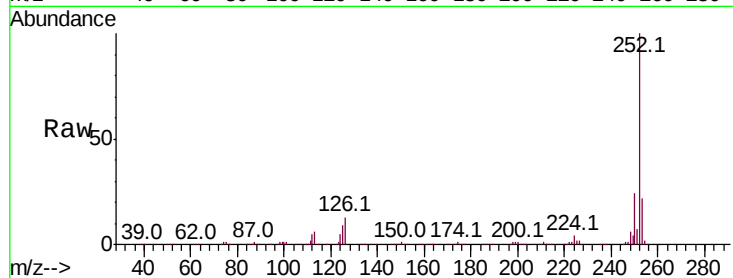
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	10.2	15.2

Manual Integrations
APPROVED

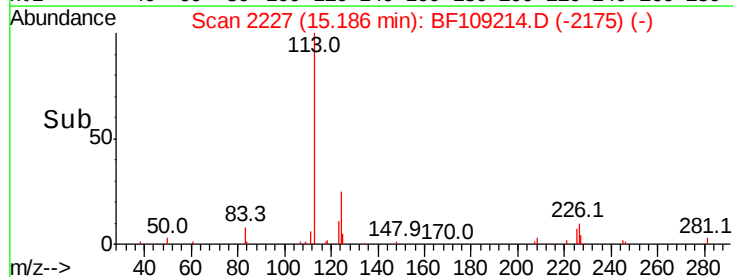
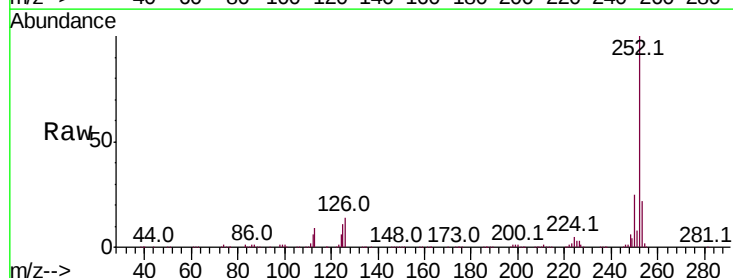
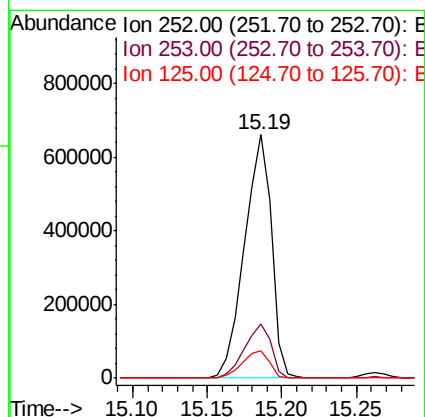
Sohil

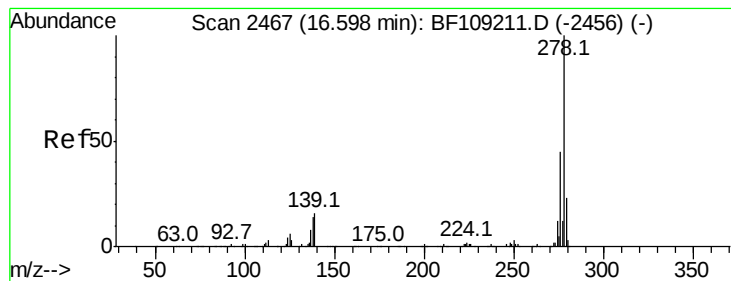
9/24/2018 11:38:38 AM



#89
Benzo(a)pyrene
Concen: 76.693 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF109214.D
Acq: 22 Sep 2018 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.2	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 81.593 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:278 Resp: 741818

Ion Ratio Lower Upper

278 100

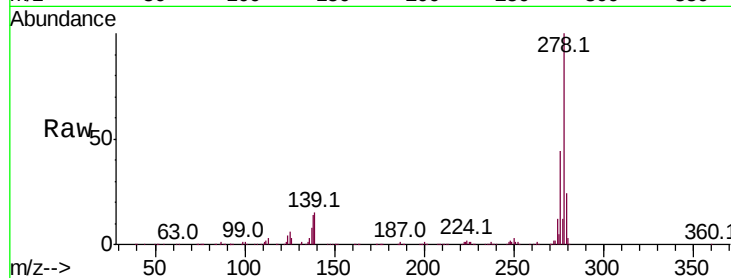
139 15.1 15.9 23.9#

279 24.2 19.0 28.4

Manual Integrations
APPROVED

Sohil

9/24/2018 11:38:38 AM

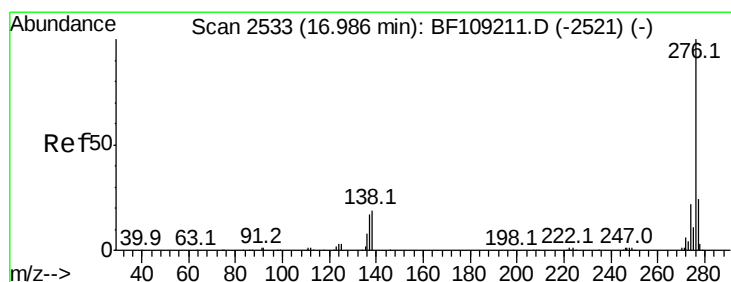
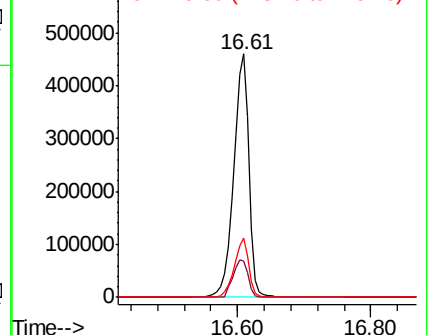
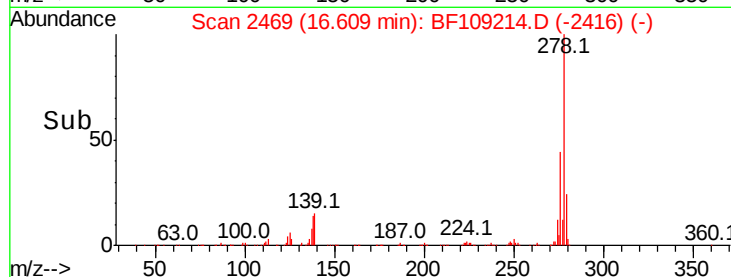


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 86.256 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF109214.D

Acq: 22 Sep 2018 11:55

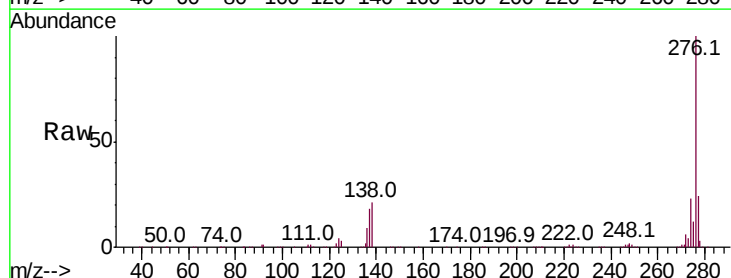
Tgt Ion:276 Resp: 784032

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 20.8 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

