

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110581.D
 Acq On : 8 Nov 2018 13:29
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil

11/9/2018 4:26:05 PM

Quant Time: Nov 08 14:15:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 13:42:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80266	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	336836	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	158737	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	288917	20.00	ng	0.00
76) Chrysene-d12	14.14	240	175118	20.00	ng	0.00
87) Perylene-d12	15.66	264	137033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	771639	156.55	ng	0.00
7) Phenol-d6	6.59	99	968397	153.60	ng	0.01
23) Nitrobenzene-d5	7.53	82	908207	159.93	ng	0.01
42) 2,4,6-Tribromophenol	10.79	330	235484	149.76	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1558920	154.21	ng	0.00
79) Terphenyl-d14	13.07	244	1478089	175.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	198173	76.739	ng	91
3) Pyridine	3.57	79	442986	77.016	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	198645	82.432	ng	91
6) Aniline	6.63	93	622795	75.833	ng	# 53
8) 2-Chlorophenol	6.74	128	441504	77.693	ng	97
9) Benzaldehyde	6.50	77	207504	54.212	ng	98
10) Phenol	6.60	94	563240	83.578	ng	# 73
11) bis(2-Chloroethyl)ether	6.69	93	429721	77.506	ng	95
12) 1,3-Dichlorobenzene	6.89	146	485540	77.640	ng	99
13) 1,4-Dichlorobenzene	6.97	146	490056	77.481	ng	98
14) 1,2-Dichlorobenzene	7.12	146	446076	75.973	ng	99
15) Benzyl Alcohol	7.10	79	371574	76.630	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	644023	72.649	ng	70
17) 2-Methylphenol	7.20	107	351709	77.659	ng	# 85
18) Hexachloroethane	7.46	117	184168	79.533	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	308598	76.298	ng	99
20) 3+4-Methylphenols	7.36	107	428917	73.268	ng	# 87
22) Acetophenone	7.37	105	585331	75.415	ng	96
24) Nitrobenzene	7.55	77	462503	78.884	ng	95
25) Isophorone	7.78	82	756812	78.180	ng	96
26) 2-Nitrophenol	7.85	139	246352	88.297	ng	99
27) 2,4-Dimethylphenol	7.88	122	355455	76.843	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	499877	76.013	ng	100
29) 2,4-Dichlorophenol	8.09	162	363336	77.746	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	408030	77.947	ng	95
31) Naphthalene	8.26	128	1187506	76.493	ng	99
32) Benzoic acid	8.05	122	287619	80.449	ng	97
33) 4-Chloroaniline	8.30	127	526003	75.285	ng	100
34) Hexachlorobutadiene	8.36	225	230308	79.238	ng	98
35) Caprolactam	8.72	113	121528m	74.609	ng	
36) 4-Chloro-3-methylphenol	8.79	107	388389	76.854	ng	97
37) 2-Methylnaphthalene	8.95	142	773714	75.327	ng	100
38) 1-Methylnaphthalene	9.05	142	741222	74.675	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	378079	76.443	ng	98

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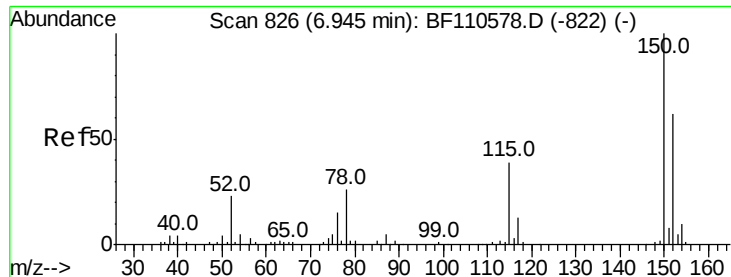
Sohil

11/9/2018 4:26:05 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	158340	62.609	nq	100
43) 2,4,6-Trichlorophenol	9.23	196	240047	75.248	nq	93
44) 2,4,5-Trichlorophenol	9.27	196	256836	76.167	nq	96
46) 1,1'-Biphenyl	9.42	154	1081490	75.342	nq	99
47) 2-Chloronaphthalene	9.45	162	801134	76.085	nq	99
48) 2-Nitroaniline	9.55	65	257457	80.688	nq	92
49) Acenaphthylene	9.86	152	1127533	74.140	nq	99
50) Dimethylphthalate	9.71	163	892986	76.209	nq	99
51) 2,6-Dinitrotoluene	9.79	165	198324	78.575	nq	95
52) Acenaphthene	10.03	154	718612	71.426	nq	98
53) 3-Nitroaniline	9.96	138	231571	77.151	nq	89
54) 2,4-Dinitrophenol	10.07	184	83043	93.647	nq	91
55) Dibenzofuran	10.20	168	1019088	72.346	nq	97
56) 4-Nitrophenol	10.12	139	163442	73.573	nq	96
57) 2,4-Dinitrotoluene	10.19	165	254741	79.459	nq	99
58) Fluorene	10.55	166	790724	75.425	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	203636	74.090	nq	95
60) Diethylphthalate	10.41	149	862445	75.400	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	401604	72.617	nq	98
62) 4-Nitroaniline	10.59	138	227719	76.280	nq	91
63) Azobenzene	10.69	77	849186	74.794	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	130107	98.567	nq	88
66) n-Nitrosodiphenylamine	10.66	169	736288	77.696	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	244450	78.002	nq	# 90
68) Hexachlorobenzene	11.10	284	256229	77.057	nq	94
70) Pentachlorophenol	11.29	266	147380	76.011	nq	97
71) Phenanthrene	11.52	178	1134462	75.043	nq	99
72) Anthracene	11.57	178	1137401	75.062	nq	100
73) Carbazole	11.72	167	1104910	74.681	nq	99
74) Di-n-butylphthalate	12.03	149	1306368	78.181	nq	99
75) Fluoranthene	12.70	202	1124073	73.265	nq	99
78) Pyrene	12.94	202	1137999	90.645	nq	99
80) Butylbenzylphthalate	13.53	149	481534	88.368	nq	100
81) Benzo(a)anthracene	14.13	228	820540	79.013	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	230468	63.732	nq	# 98
83) Chrysene	14.17	228	764825	77.540	nq	100
84) Bis(2-ethylhexyl)phthalate	14.08	149	574624	78.009	nq	97
85) Di-n-octyl phthalate	14.70	149	857343	74.852	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	677594	82.807	nq	98
88) Benzo(b)fluoranthene	15.21	252	621455	78.534	nq	99
89) Benzo(k)fluoranthene	15.24	252	615555m	79.126	nq	
90) Benzo(a)pyrene	15.60	252	585340	80.388	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	555151	88.361	nq	100
92) Benzo(g,h,i)perylene	17.72	276	572857	92.529	nq	98

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

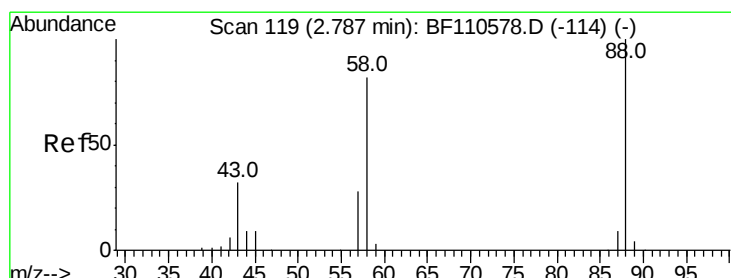
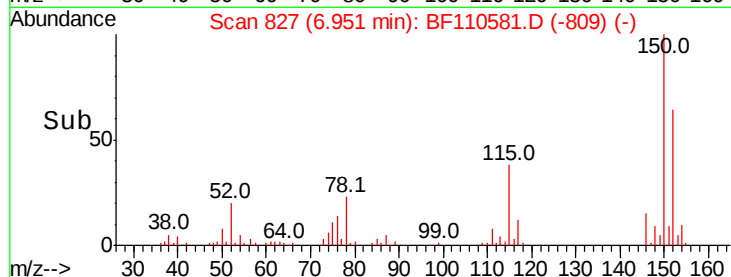
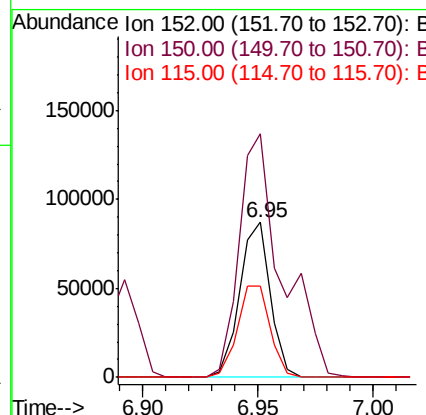
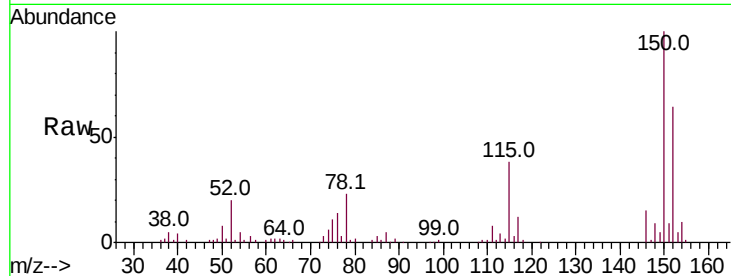
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	59.3	49.1	73.7

Manual Integrations
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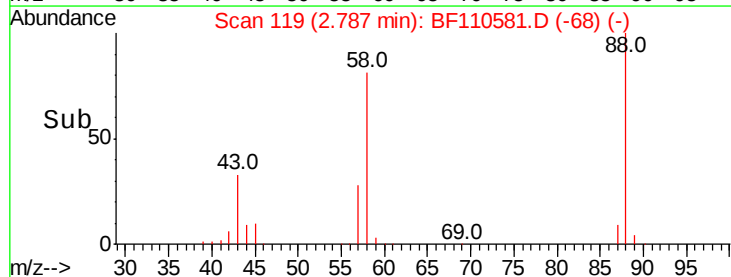
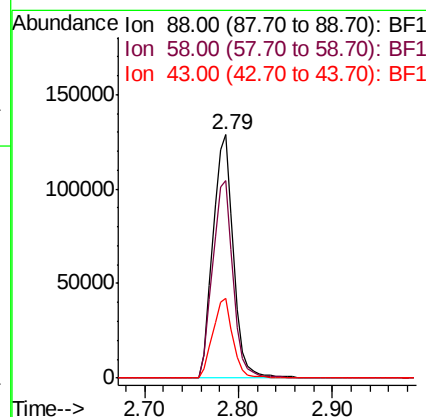
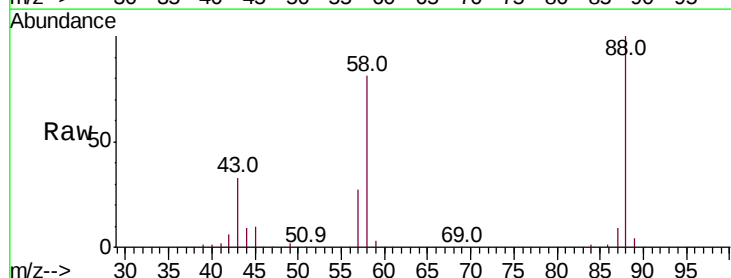
11/9/2018 4:26:05 PM

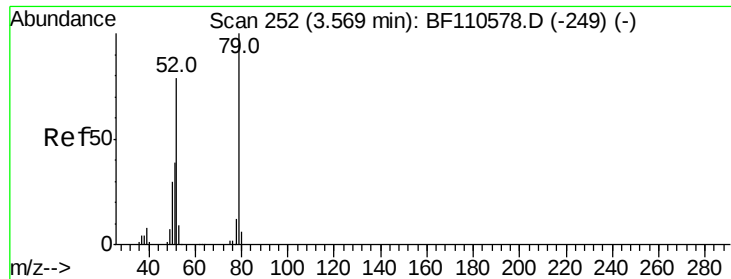


#2

1,4-Dioxane
Concen: 76.739 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	32.1	24.1	36.1





#3

Pvridine

Concen: 77.016 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 442986

Ion Ratio Lower Upper

79 100

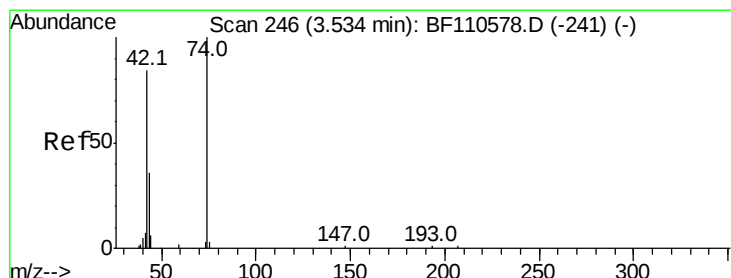
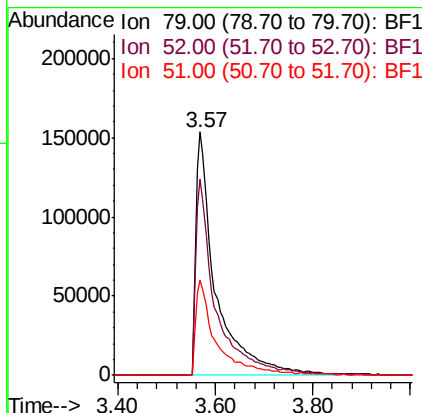
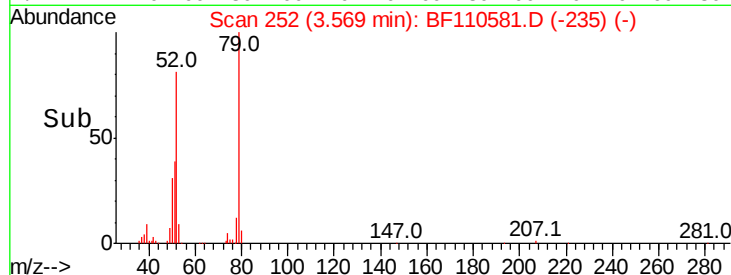
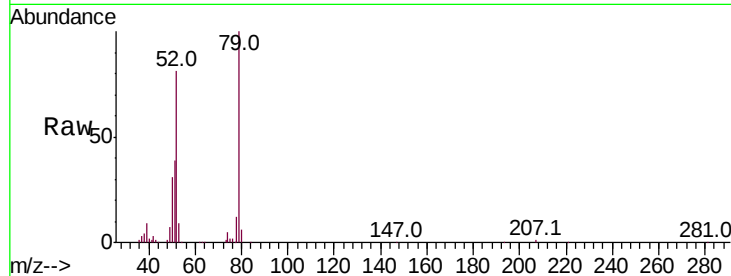
52 80.8 53.1 79.7#

51 39.2 27.4 41.2

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#4

n-Nitrosodimethylamine

Concen: 82.432 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.02 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

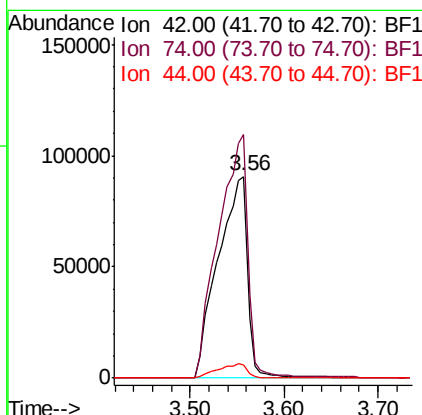
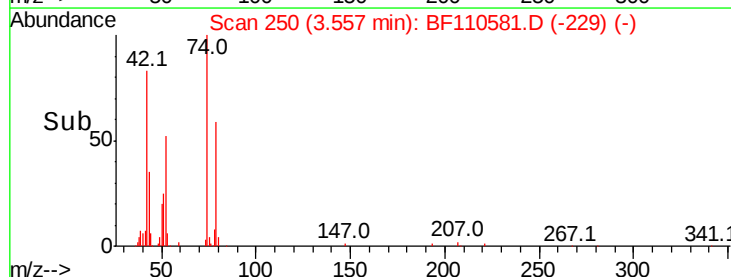
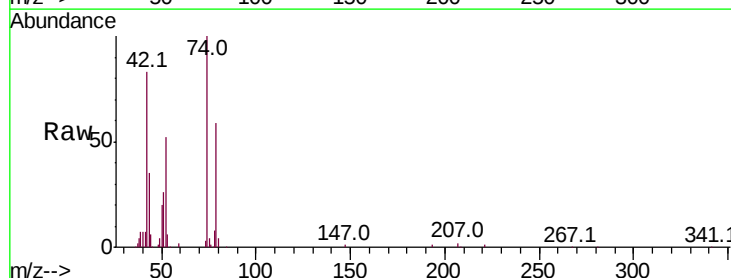
Tgt Ion: 42 Resp: 198645

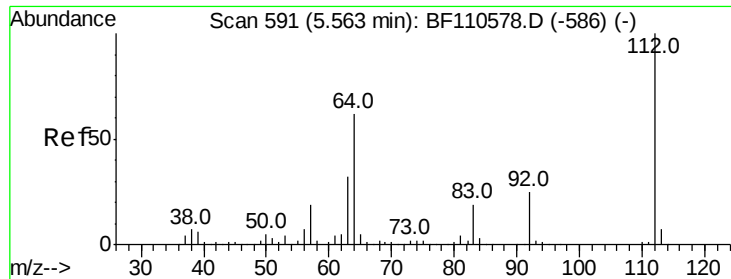
Ion Ratio Lower Upper

42 100

74 120.9 105.5 158.3

44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 156.552 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

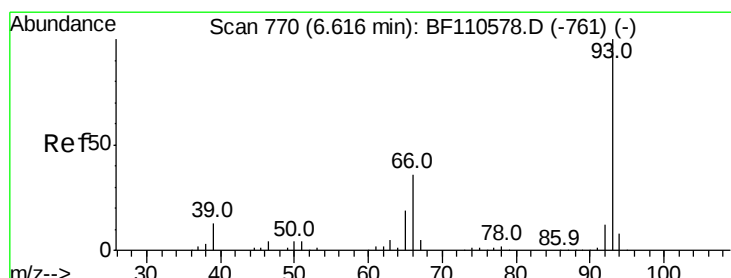
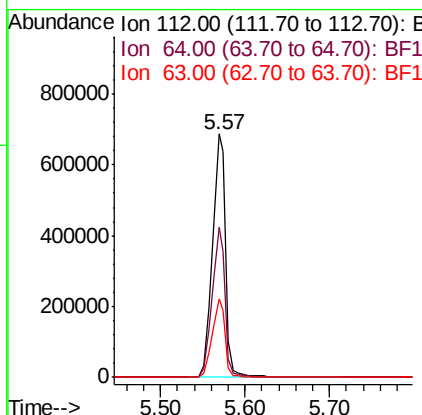
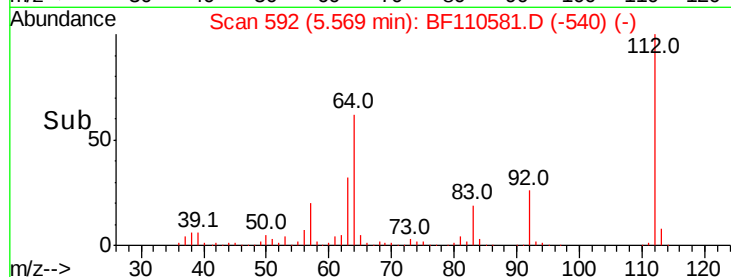
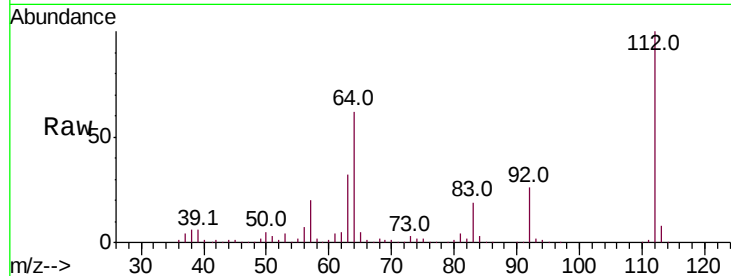
SSTDIC080

Tot Ion:	112	Resp:	771639
Ion Ratio	Lower	Upper	
112	100		
64	61.7	44.1	66.1
63	32.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 75.833 ng

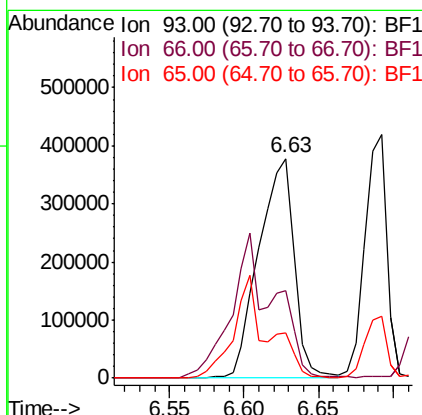
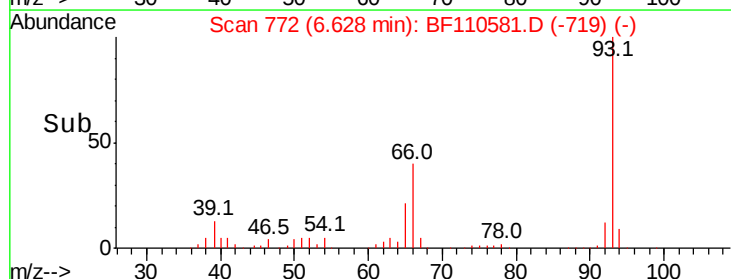
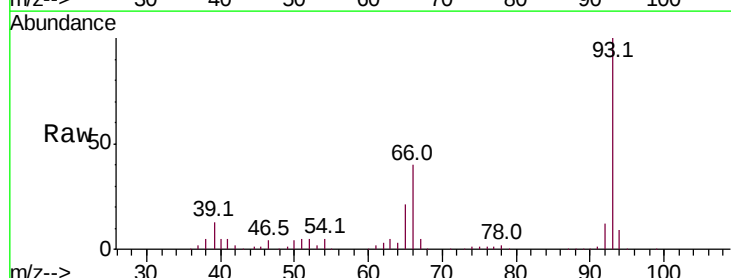
RT: 6.63 min Scan# 772

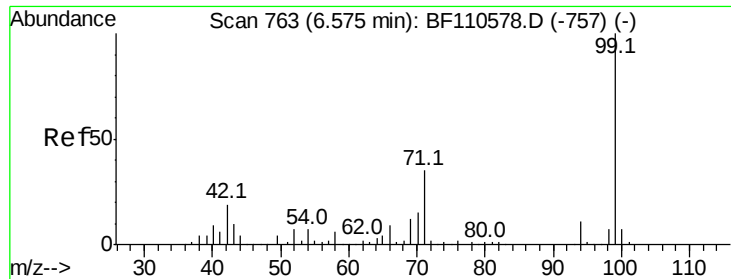
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:	93	Resp:	622795
Ion Ratio	Lower	Upper	
93	100		
66	40.0	67.4	101.0#
65	20.8	41.0	61.4#





#7

Phenol-d6

Concen: 153.603 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

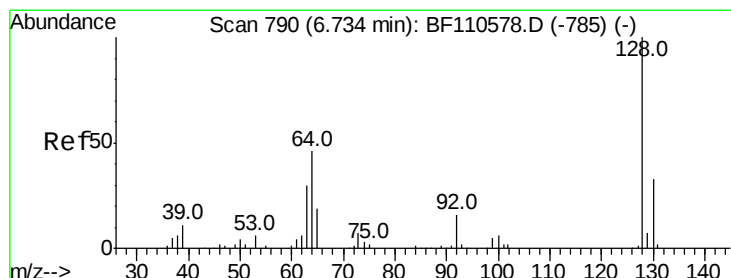
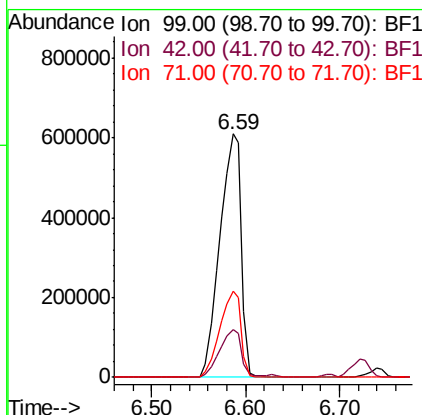
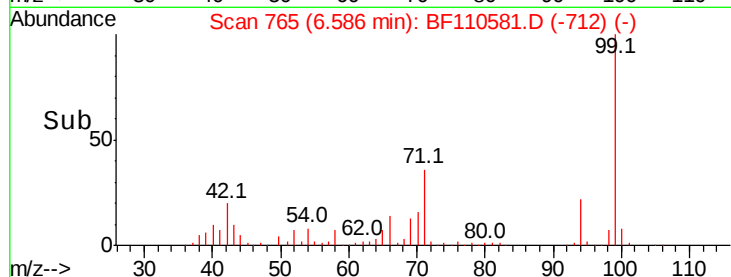
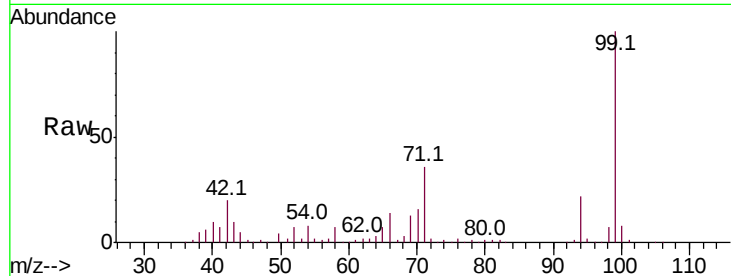
SSTDIC080

Tot Ion:	99	Resp:	968397
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 77.693 ng

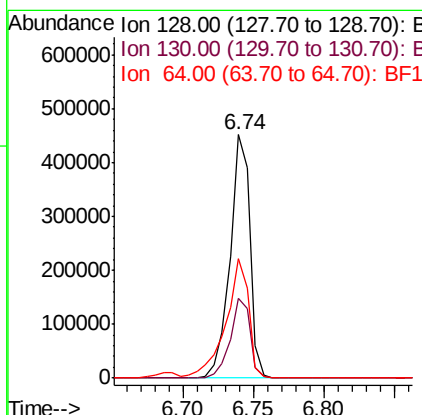
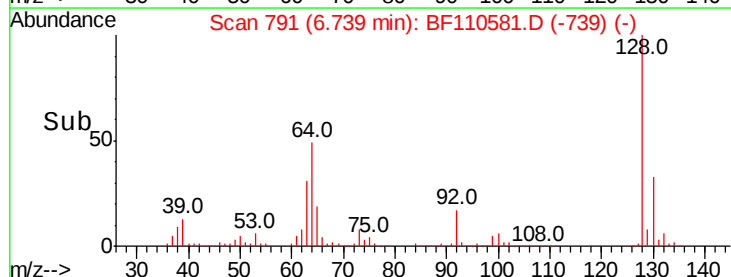
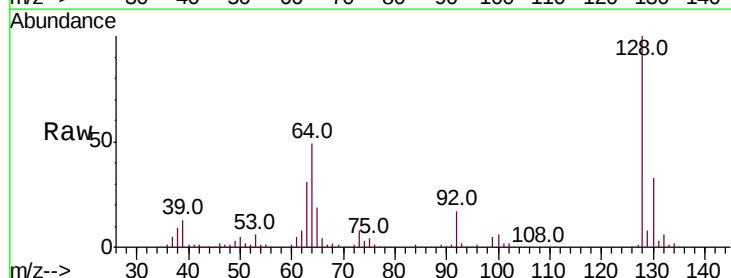
RT: 6.74 min Scan# 791

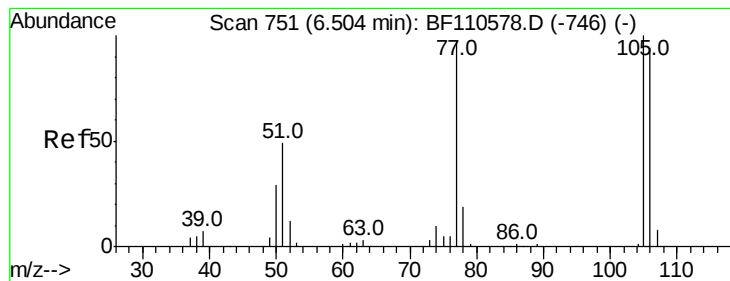
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:	128	Resp:	441504
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.1	53.1
64	49.1	26.0	66.0





#9

Benzaldehyde

Concen: 54.212 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 207504

Ion Ratio Lower Upper

77 100

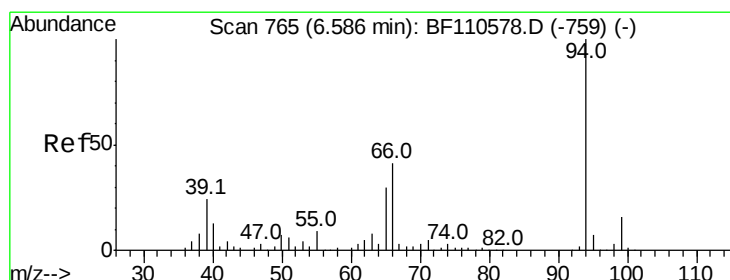
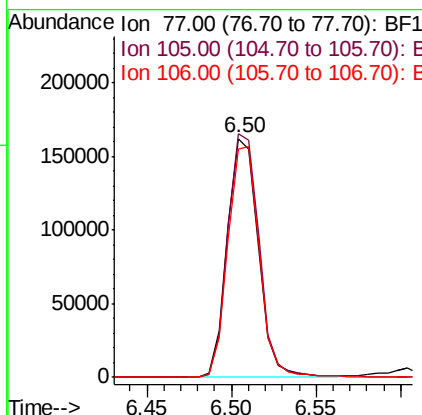
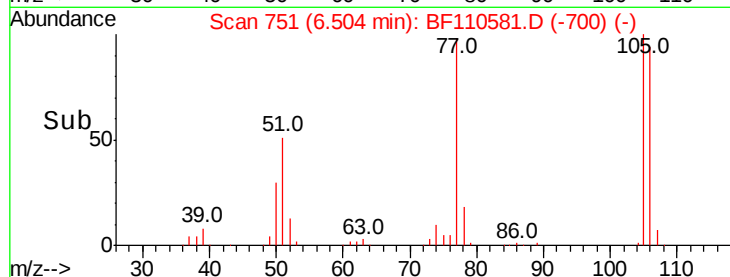
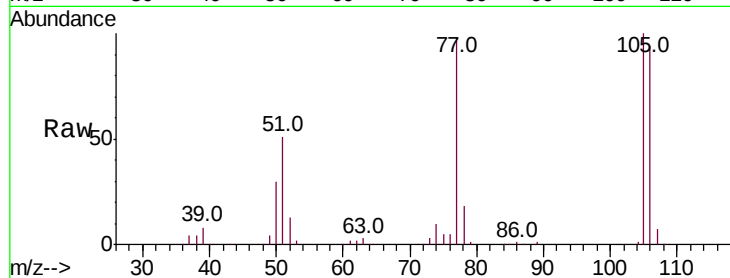
105 101.9 78.6 118.6

106 95.6 74.8 114.8

Manual Integrations
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#10

Phenol

Concen: 83.578 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

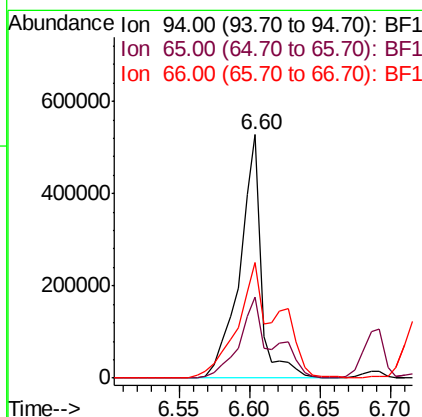
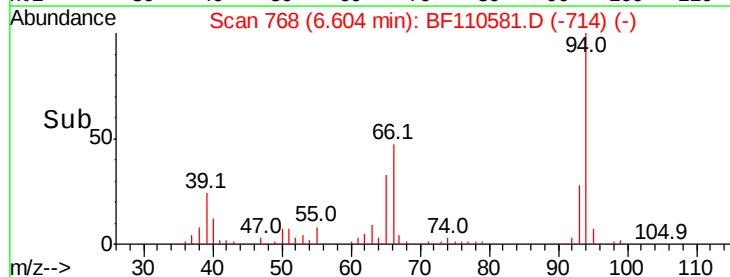
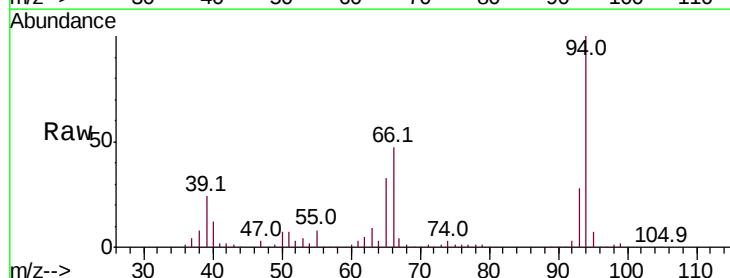
Tgt Ion: 94 Resp: 563240

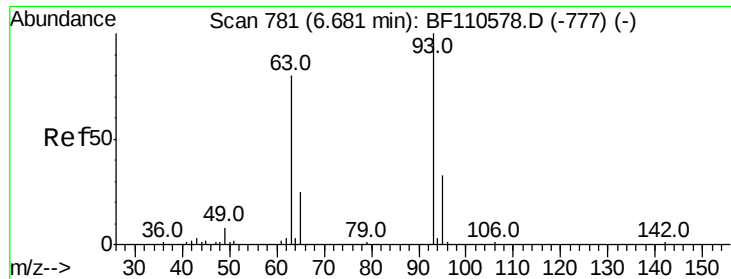
Ion Ratio Lower Upper

94 100

65 33.5 25.3 65.3

66 47.3 54.5 94.5#





#11
bis(2-Chloroethyl)ether
Concen: 77.506 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

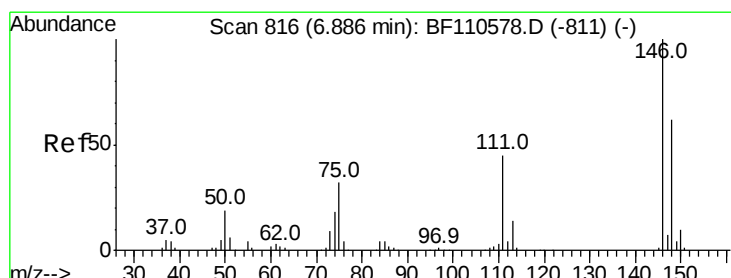
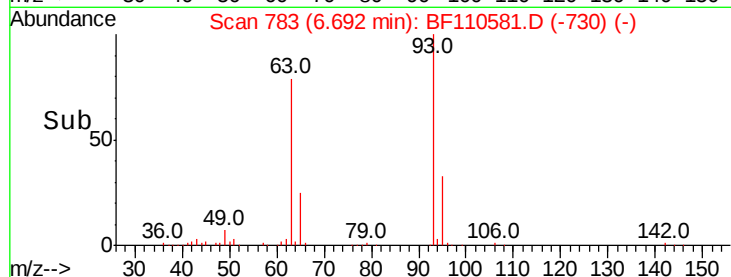
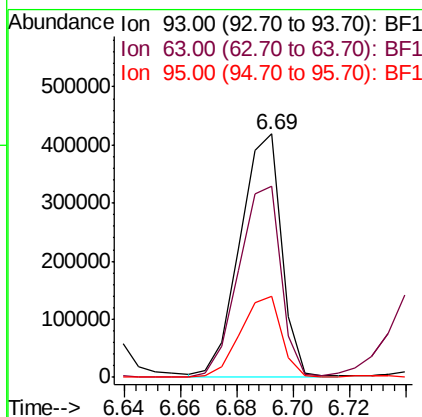
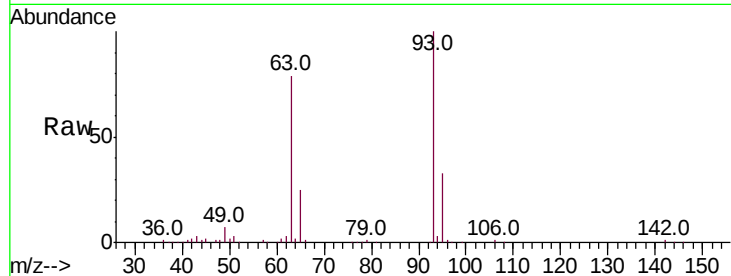
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	93	Resp:	429721
Ion Ratio	Lower	Upper	
93	100		
63	78.5	53.4	93.4
95	33.1	12.1	52.1

Manual Integrations
APPROVED

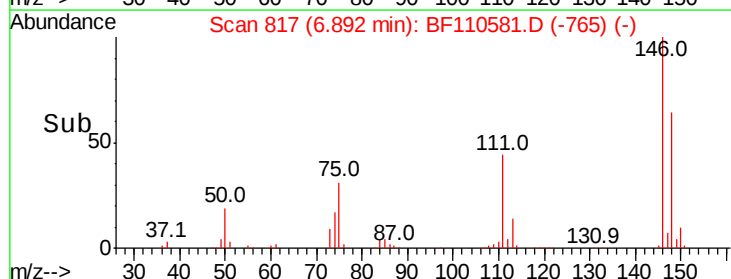
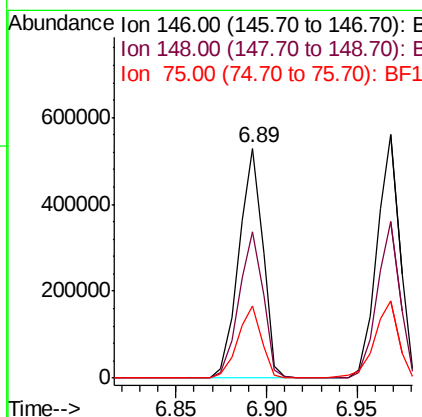
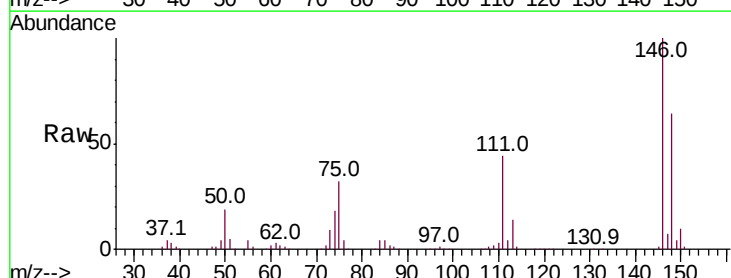
Sohil

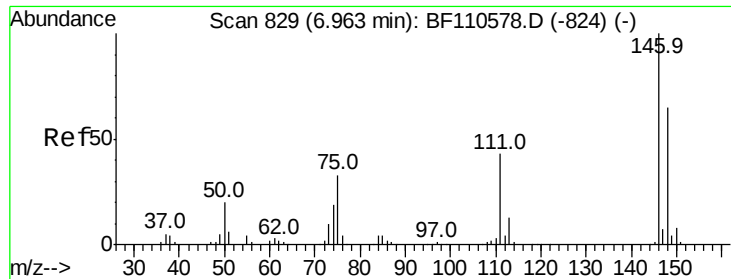
11/9/2018 4:26:05 PM



#12
1,3-Dichlorobenzene
Concen: 77.640 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:	146	Resp:	485540
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
75	31.6	25.8	38.6





#13
 1,4-Dichlorobenzene
 Concen: 77.481 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

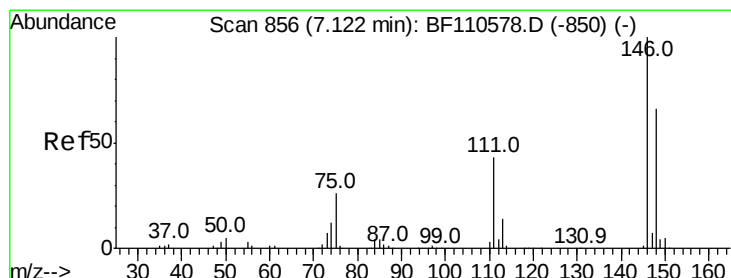
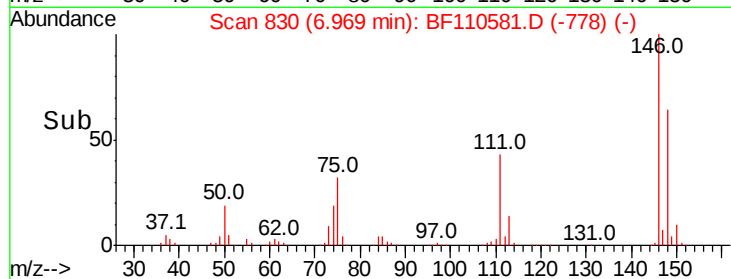
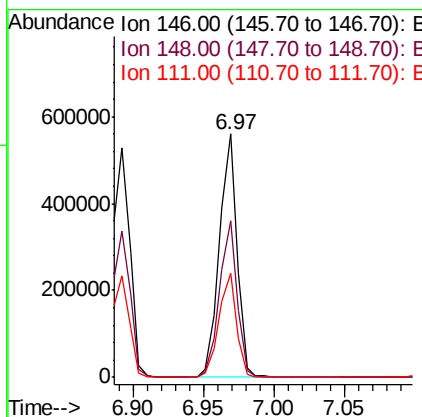
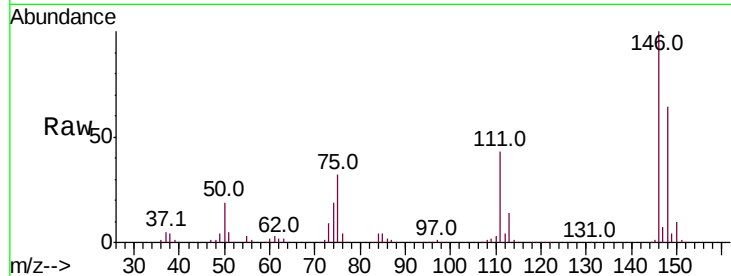
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	146	Resp:	490056
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.3	75.5
111	42.7	32.7	49.1

Manual Integrations
 APPROVED

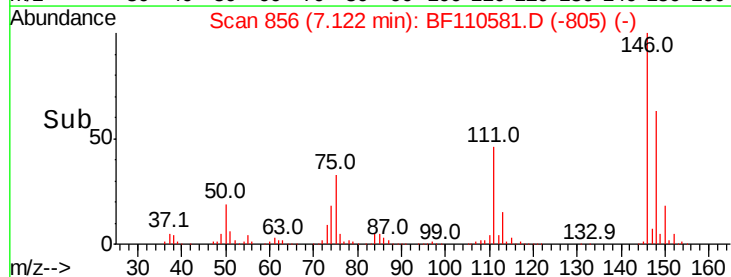
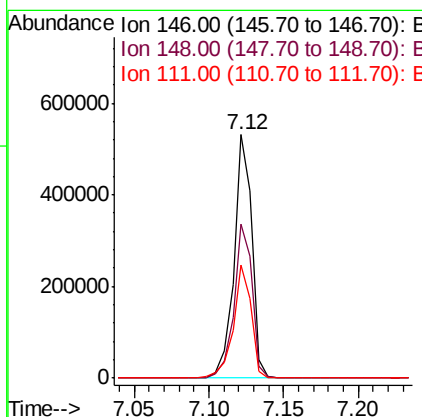
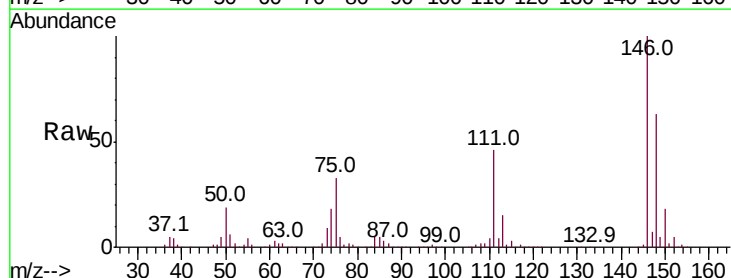
Sohil

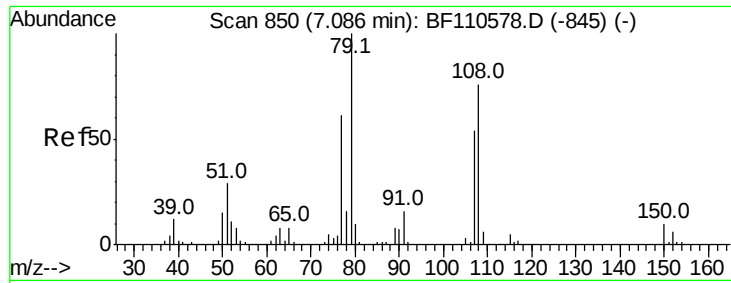
11/9/2018 4:26:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 75.973 ng
 RT: 7.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:	146	Resp:	446076
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	46.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 76.630 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 371574

Ion Ratio Lower Upper

79 100

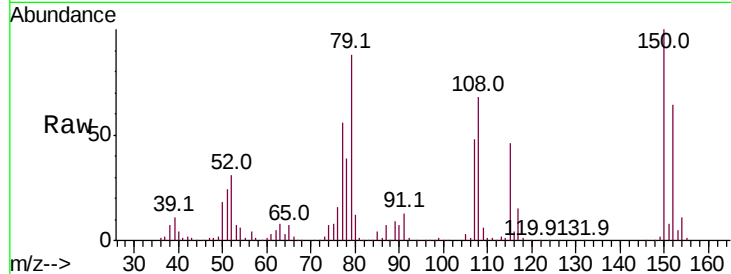
108 76.7 56.3 84.5

77 63.3 52.9 79.3

Manual Integrations
APPROVED

Sohil

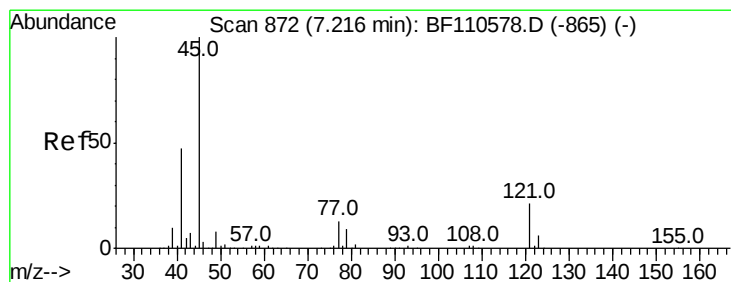
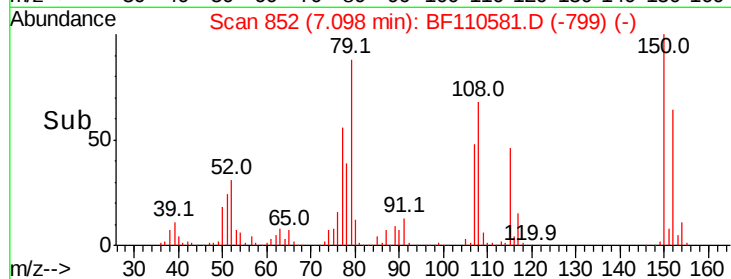
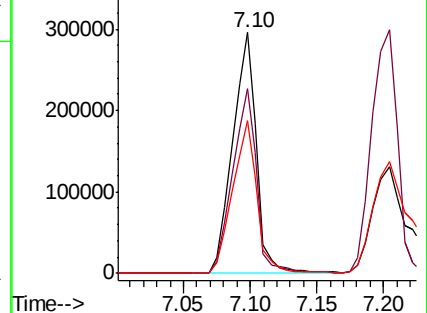
11/9/2018 4:26:05 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.649 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

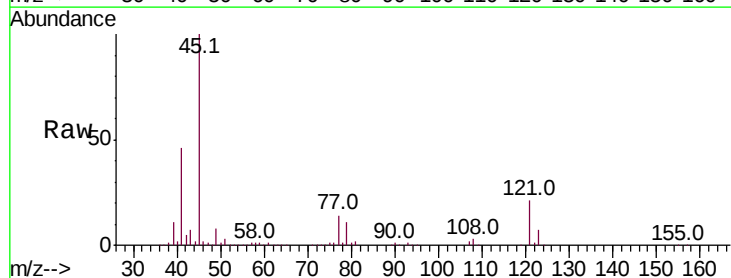
Tgt Ion: 45 Resp: 644023

Ion Ratio Lower Upper

45 100

77 13.8 10.0 50.0

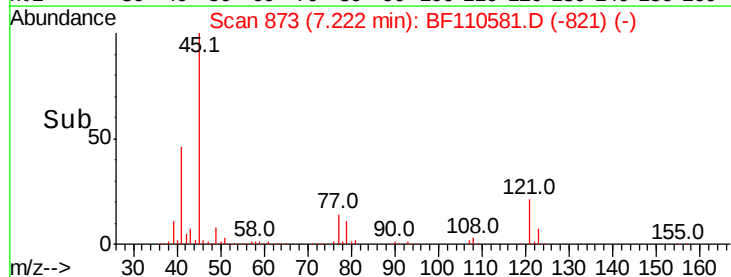
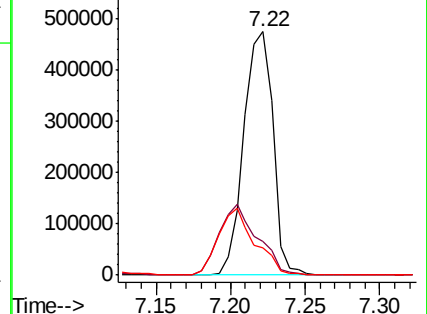
79 11.2 6.1 46.1

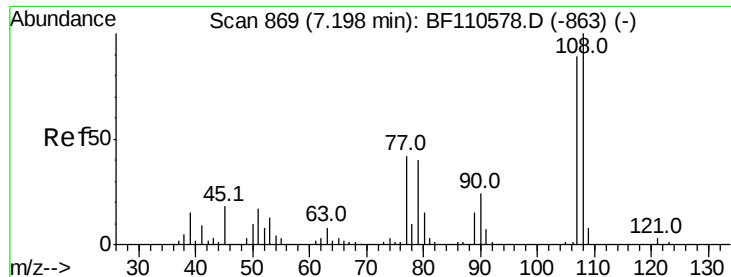


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17
2-Methylphenol
Concen: 77.659 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

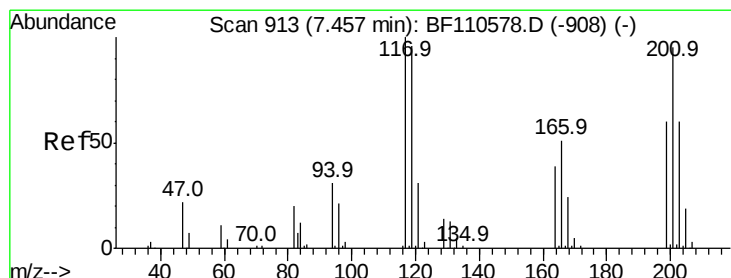
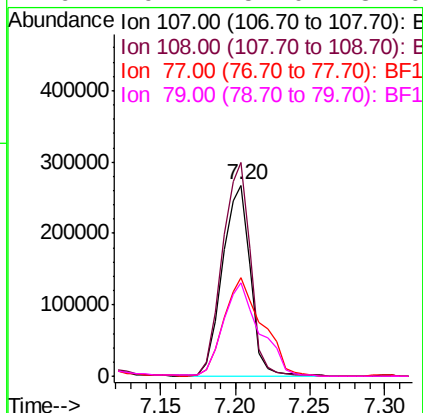
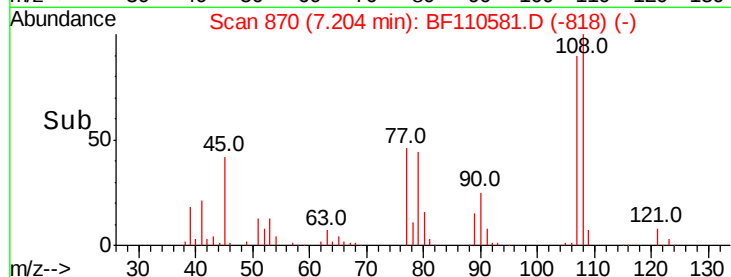
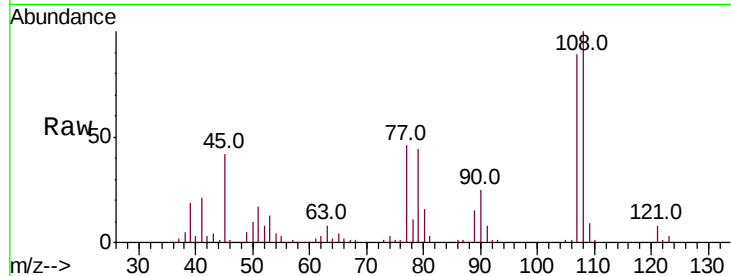
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	51.5	59.4	89.2#
79	49.1	54.0	81.0#

Manual Integrations
APPROVED

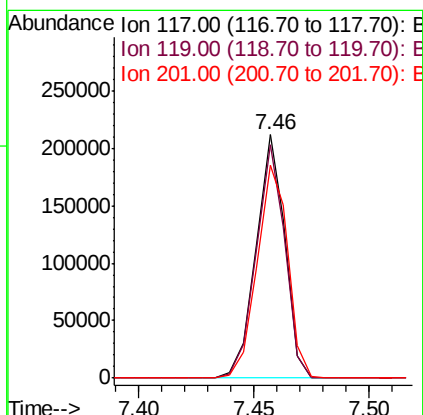
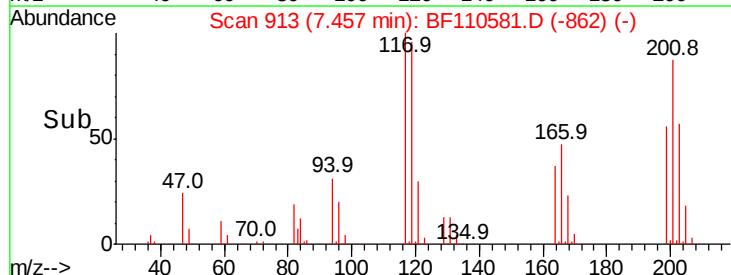
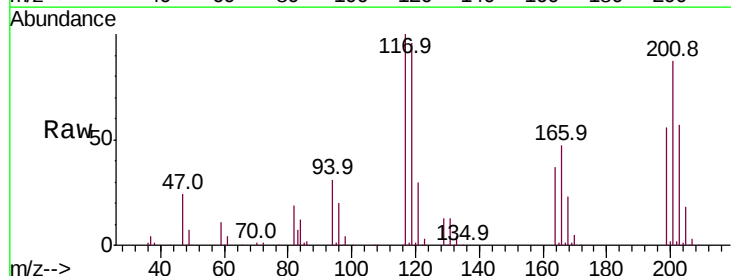
Sohil

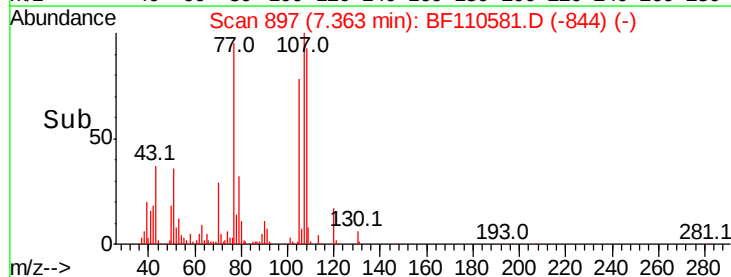
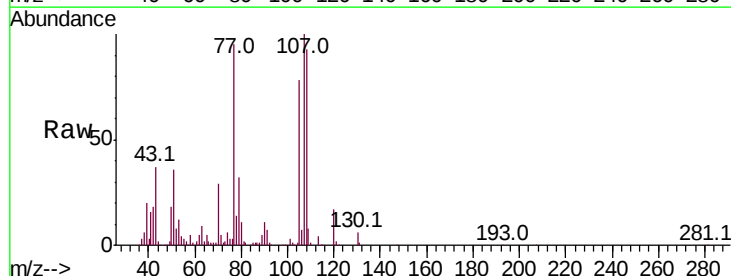
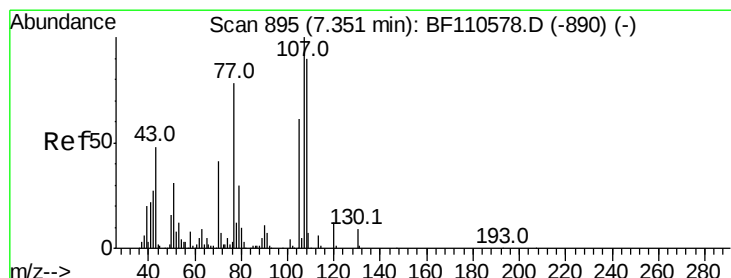
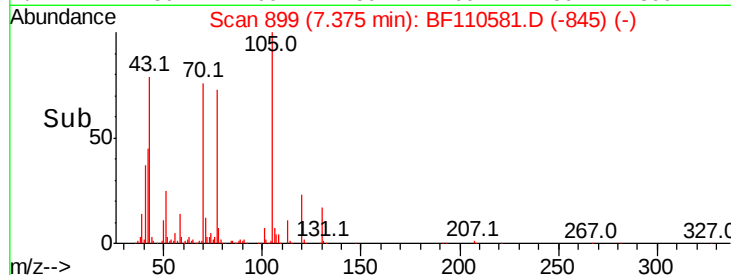
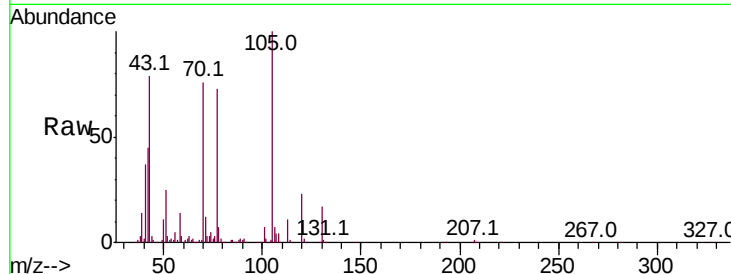
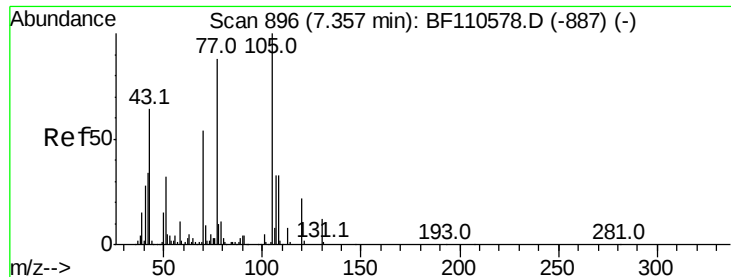
11/9/2018 4:26:05 PM



#18
Hexachloroethane
Concen: 79.533 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

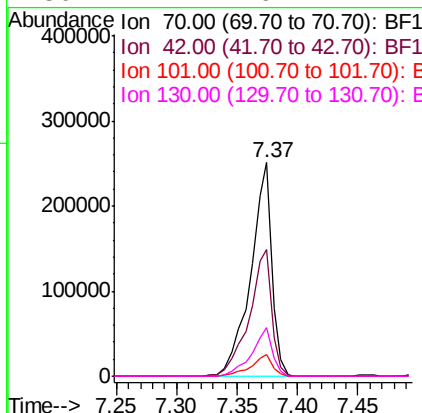
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	87.4	79.2	118.8





#19
n-Nitroso-di-n-propylamine
Concen: 76.298 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tot Ion	70	Resp	308598
Ion Ratio	Lower	Upper	
70	100		
42	59.3	47.4	71.2
101	9.9	7.3	10.9
130	22.7	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
SSTDIC080

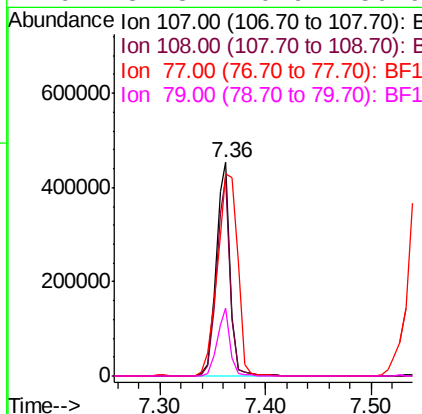
Manual Integrations
APPROVED

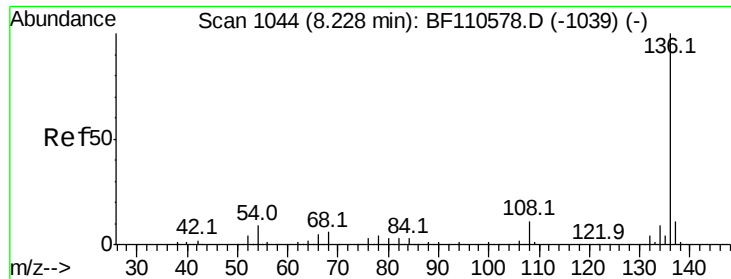
Sohil

11/9/2018 4:26:05 PM

#20
3+4-Methylphenols
Concen: 73.268 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	107	Resp	428917
Ion Ratio	Lower	Upper	
107	100		
108	92.7	71.4	111.4
77	94.9	47.3	87.3#
79	31.8	10.9	50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

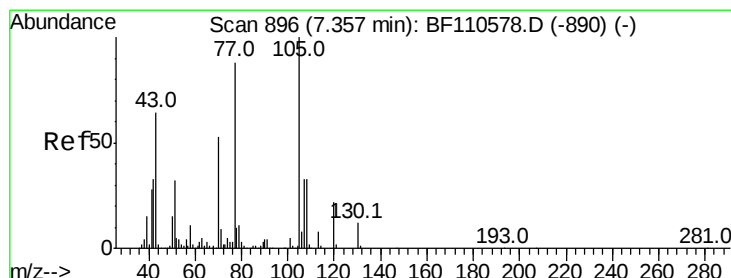
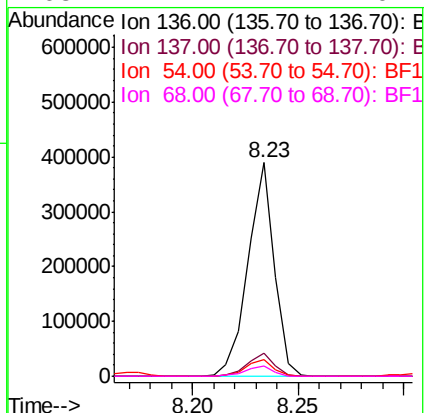
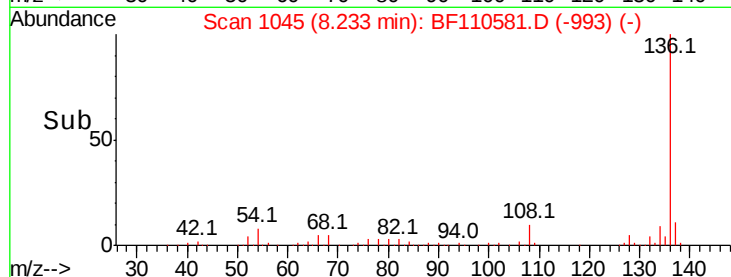
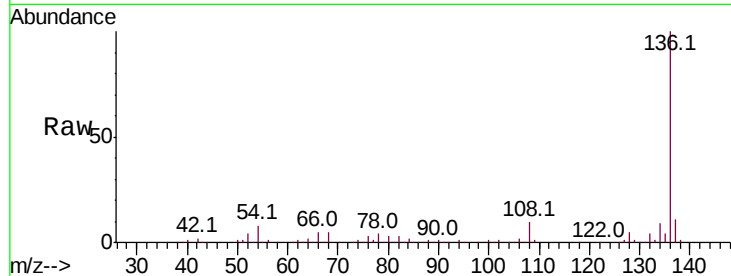
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.6	5.4	8.2	
68	4.7	4.2	6.2	

Manual Integrations
APPROVED

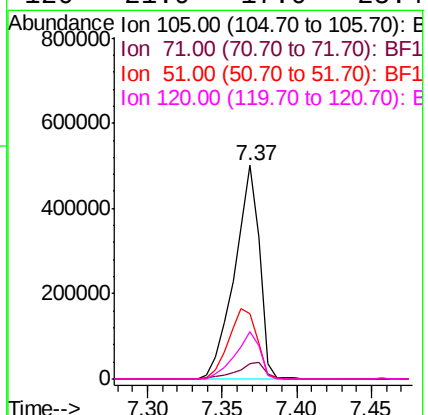
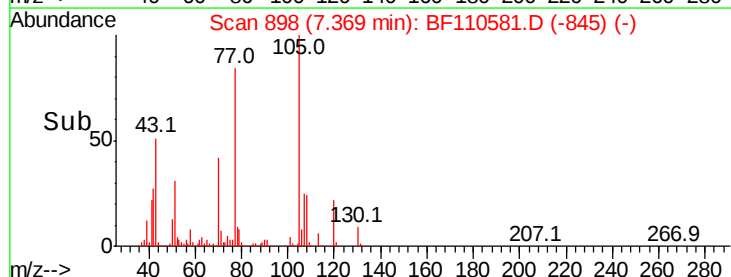
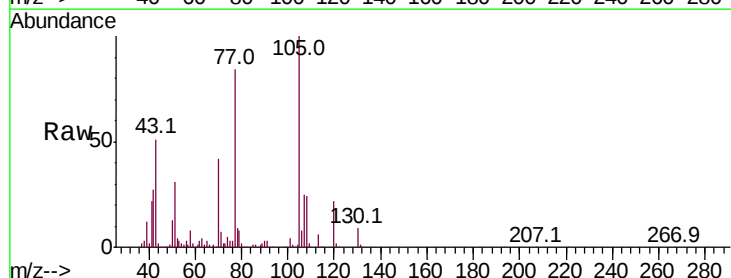
Sohil

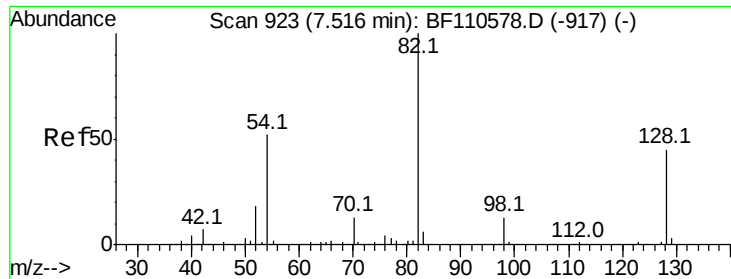
11/9/2018 4:26:05 PM



#22
Acetophenone
Concen: 75.415 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	5.2	7.8	
51	30.7	21.8	32.8	
120	21.9	17.0	25.4	





#23
Nitrobenzene-d5
Concen: 159.925 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

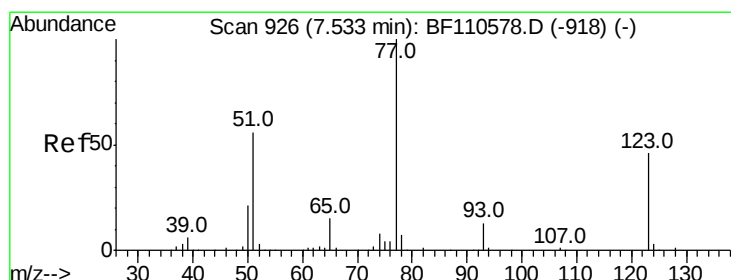
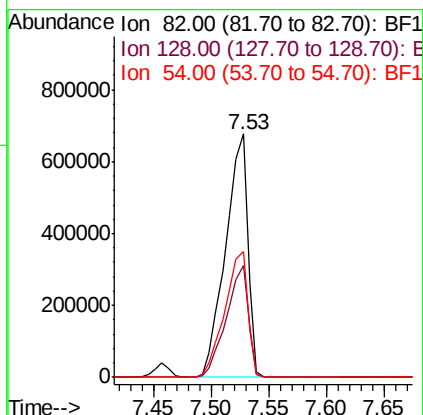
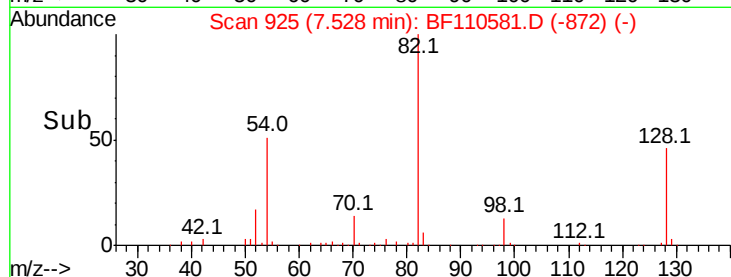
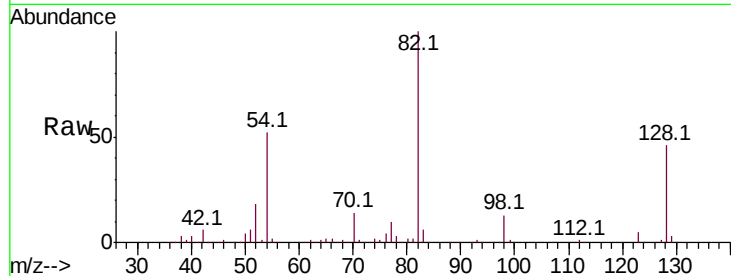
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	51.7	38.6	58.0

Manual Integrations
APPROVED

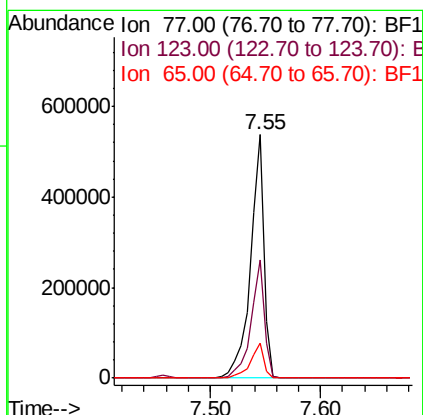
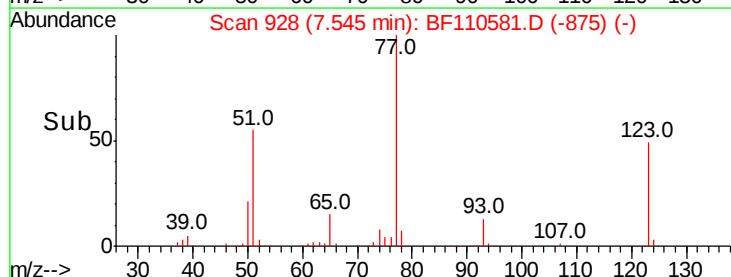
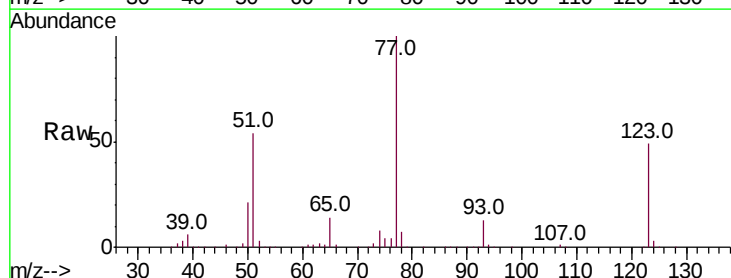
Sohil

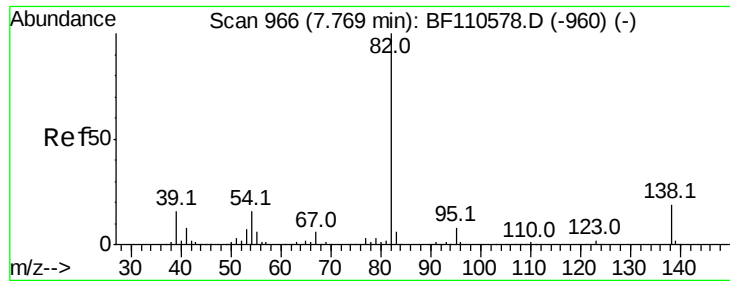
11/9/2018 4:26:05 PM



#24
Nitrobenzene
Concen: 78.884 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.7	53.5
65	14.4	10.7	16.1





#25

Isophorone

Concen: 78.180 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 756812

Ion Ratio Lower Upper

82 100

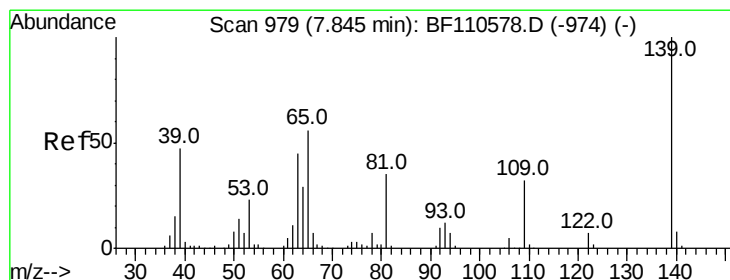
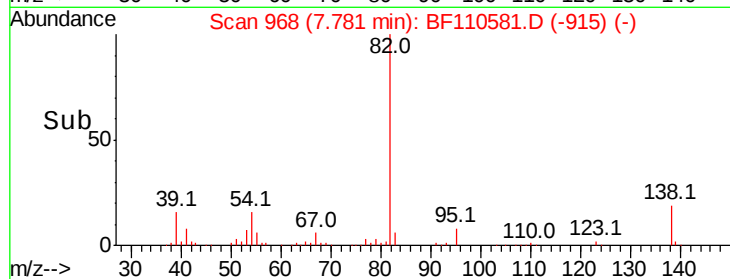
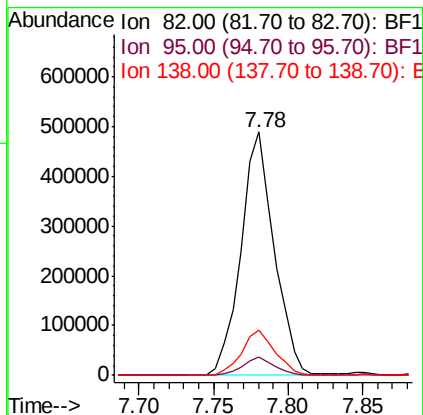
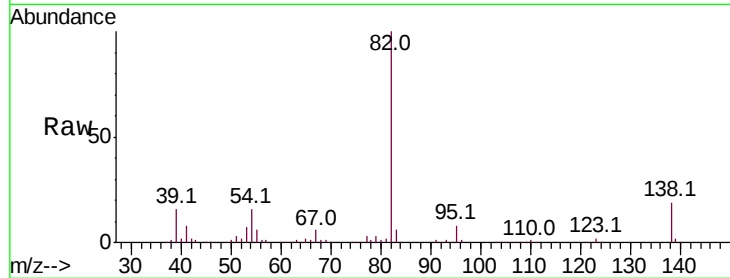
95 7.5 5.7 8.5

138 18.6 13.2 19.8

Manual Integrations
APPROVED

Sohil

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#26

2-Nitrophenol

Concen: 88.297 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

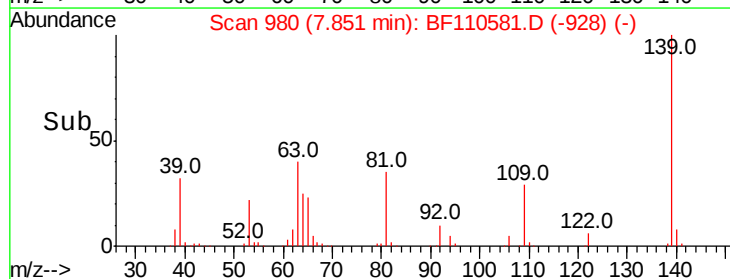
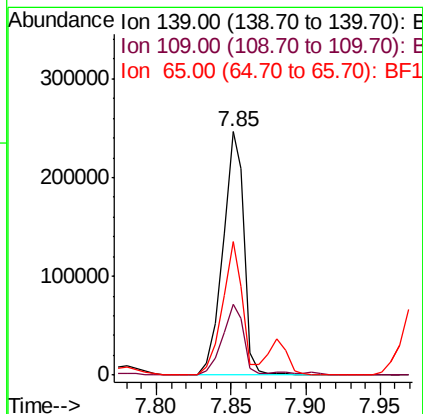
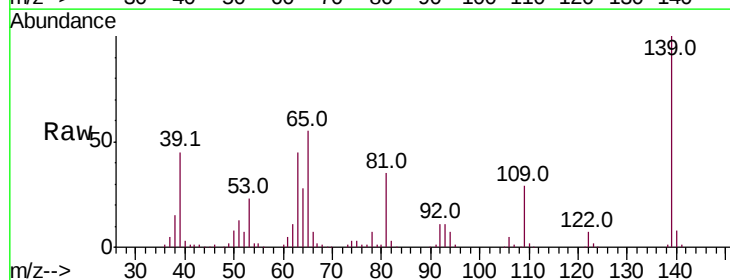
Tgt Ion: 139 Resp: 246352

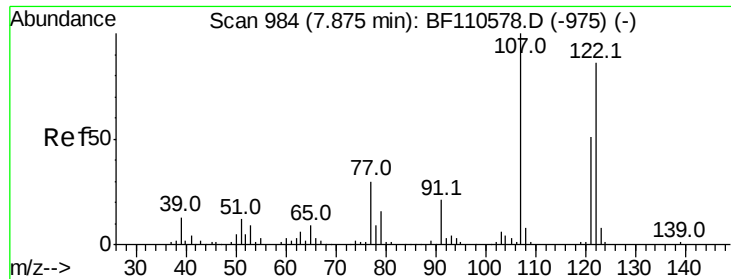
Ion Ratio Lower Upper

139 100

109 29.3 25.0 37.6

65 54.9 44.0 66.0





#27
2,4-Dimethylphenol
Concen: 76.843 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

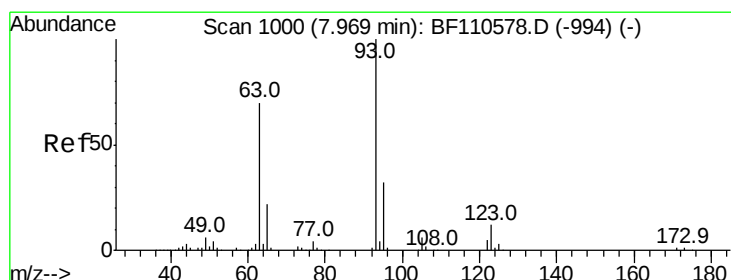
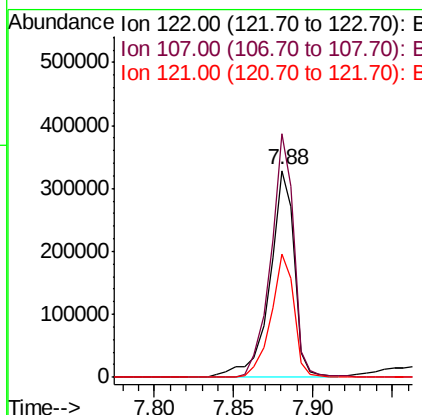
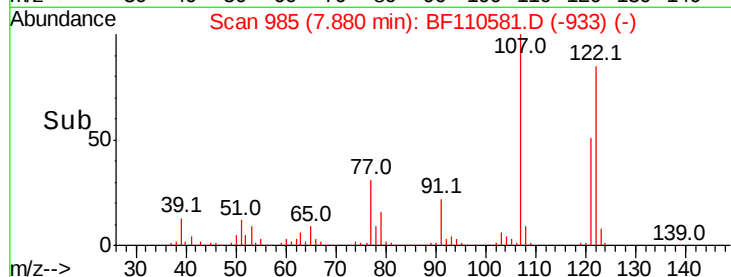
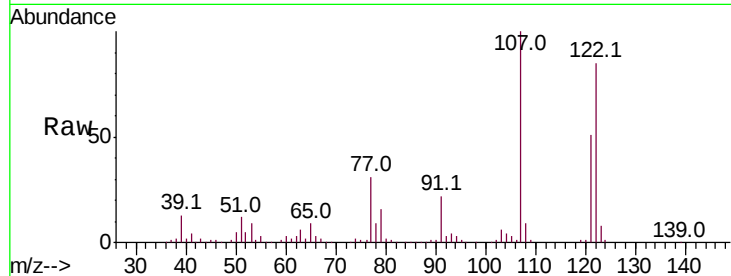
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.5	138.7
121	59.5	45.8	68.8

Manual Integrations
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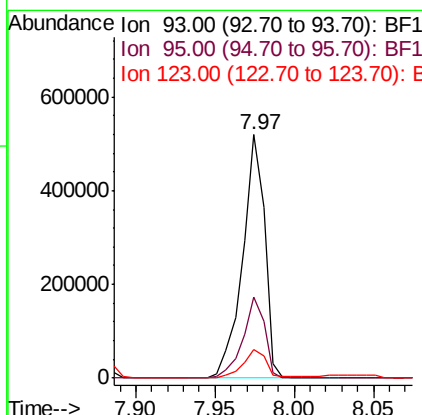
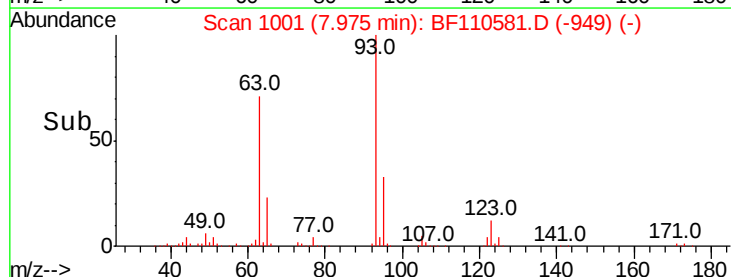
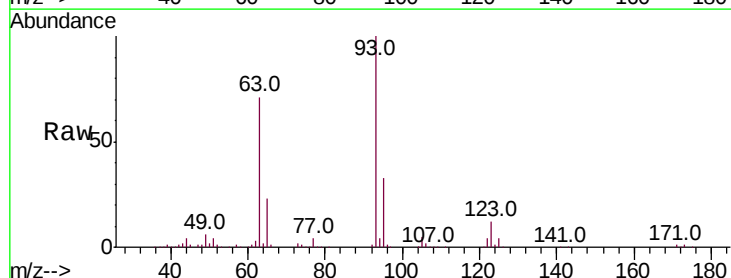
Sohil

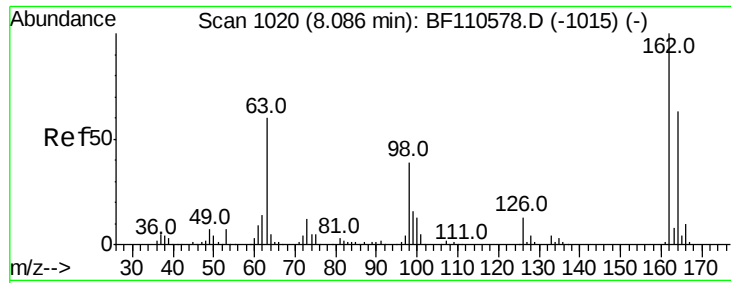
11/9/2018 4:26:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 76.013 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.6	9.0	13.6





#29
 2,4-Dichlorophenol
 Concen: 77.746 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

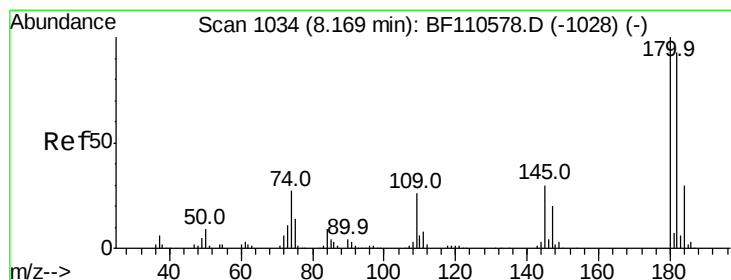
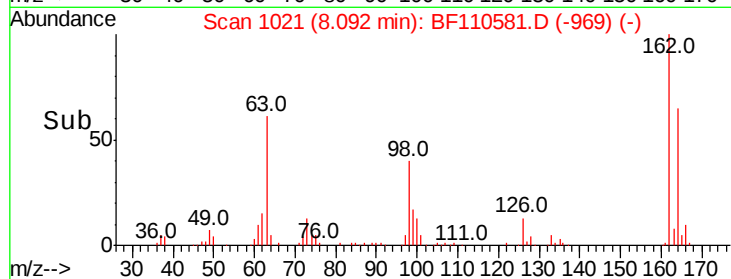
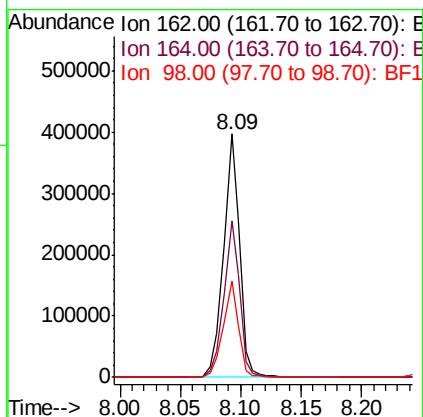
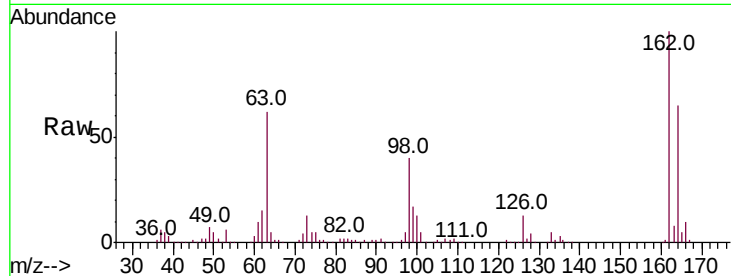
Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363336		
164	64.6		44.6	84.6
98	39.7		17.4	57.4

Manual Integrations
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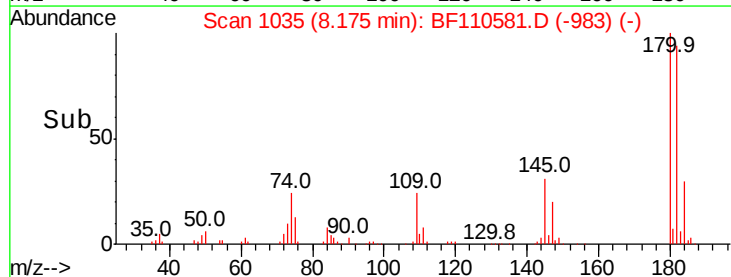
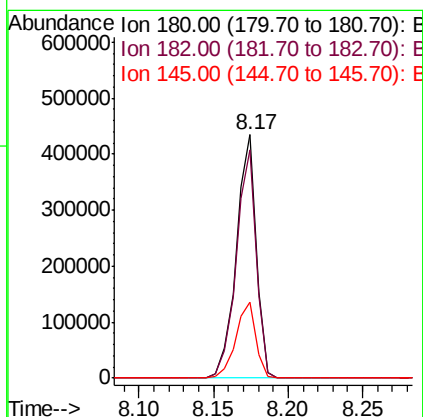
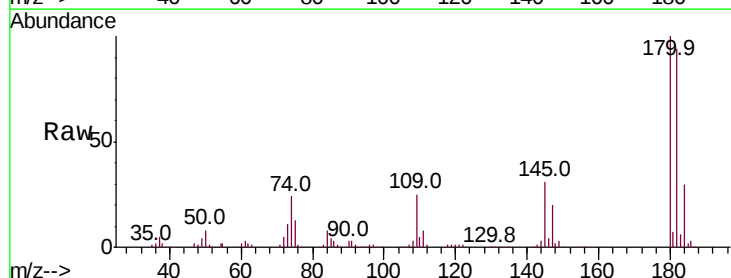
Sohil

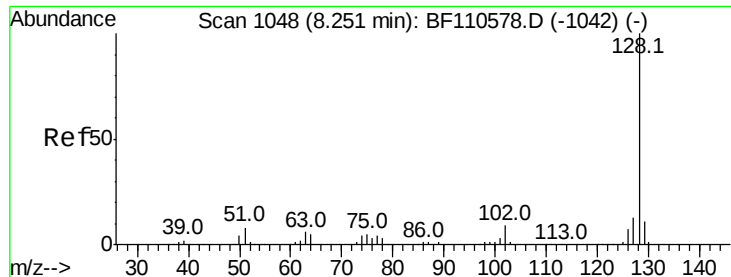
11/9/2018 4:26:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 77.947 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	408030		
182	93.9		80.3	120.5
145	31.1		25.4	38.0





#31
Naphthalene
Concen: 76.493 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

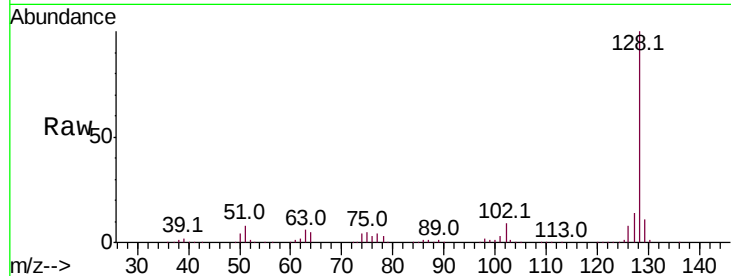
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:128	Resp: 1187506
Ion Ratio	Lower Upper
128 100	
129 11.5	8.8 13.2
127 13.6	10.8 16.2

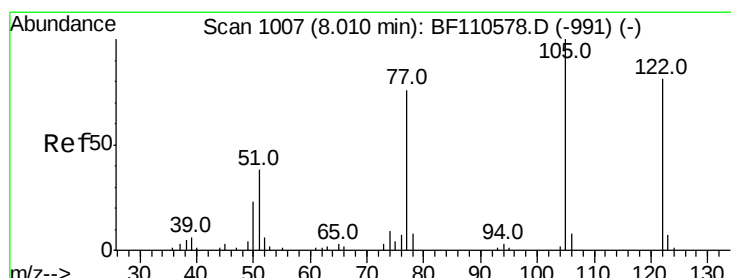
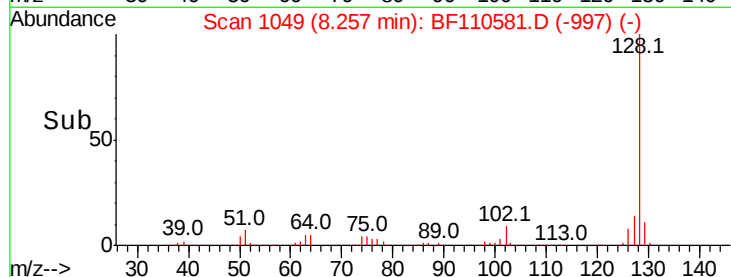
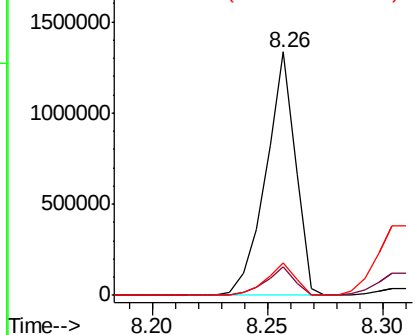
Manual Integrations
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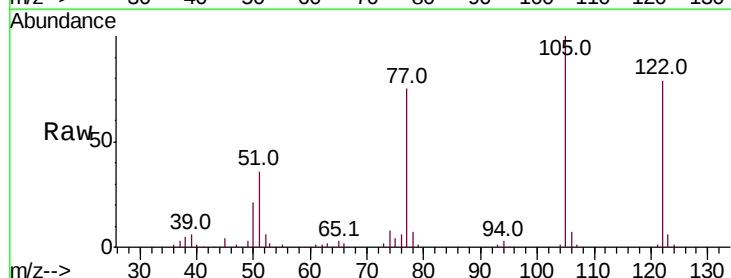


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

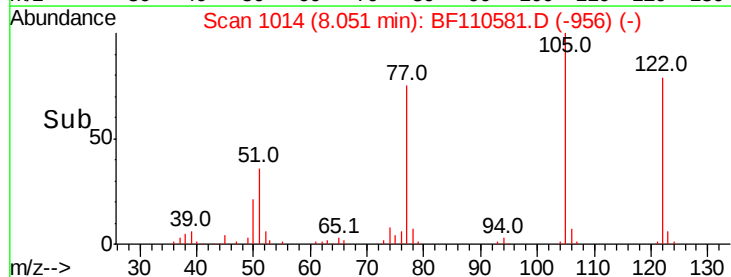
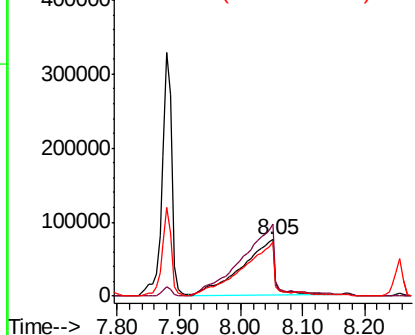


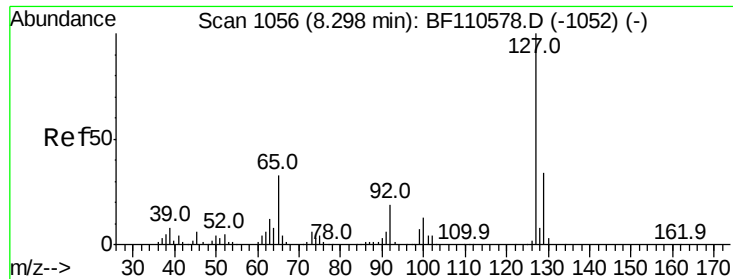
#32
Benzoic acid
Concen: 80.449 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt	Ion:122	Resp:	287619
Ion	Ratio	Lower	Upper
122	100		
105	126.7	109.0	149.0
77	94.7	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 75.285 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

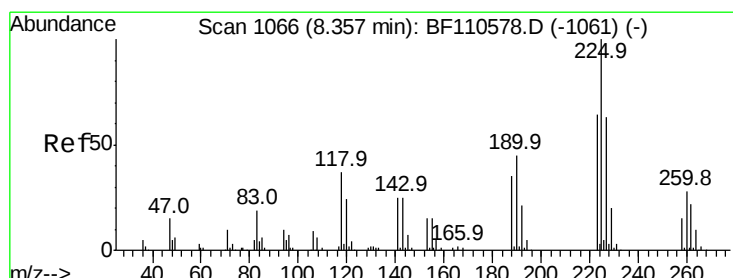
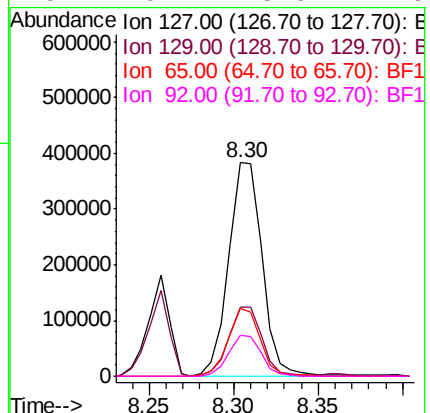
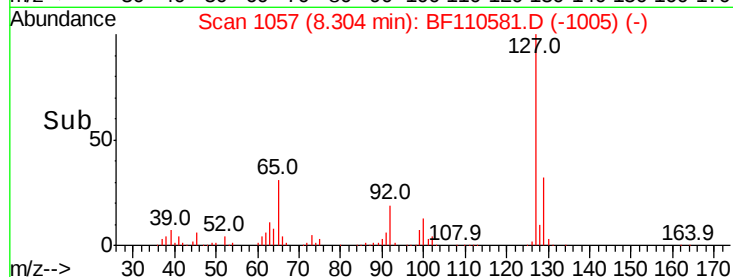
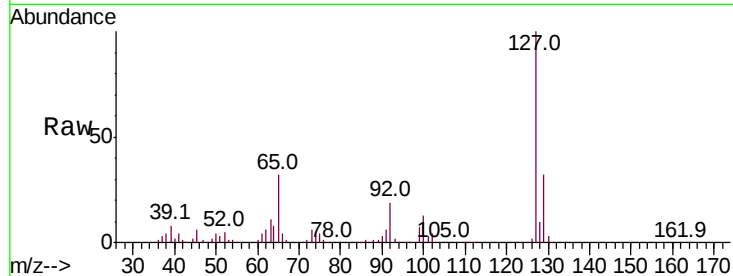
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.0	39.0	
65	31.6	25.1	37.7	
92	19.1	15.0	22.6	

Manual Integrations
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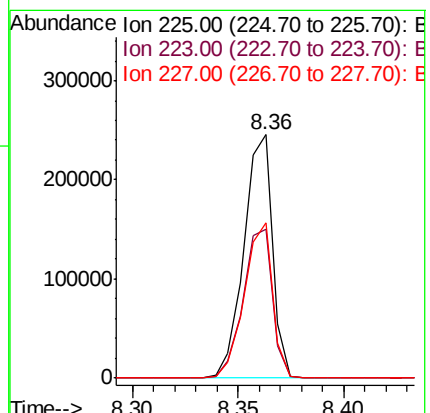
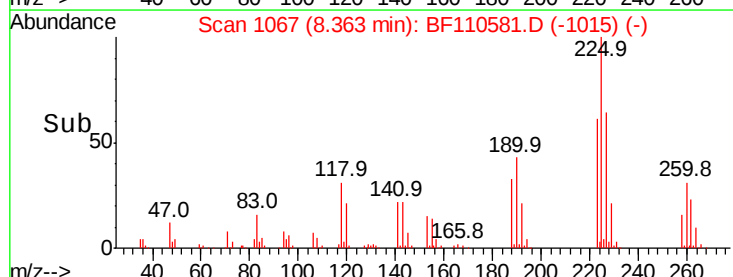
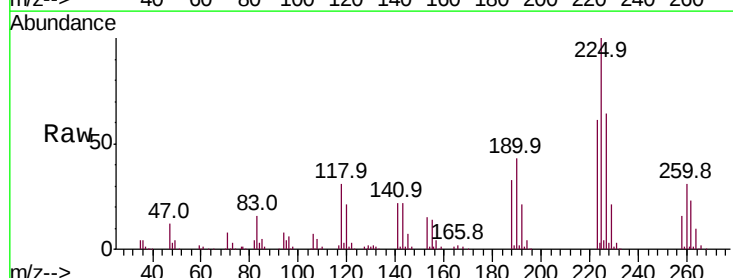
Sohil

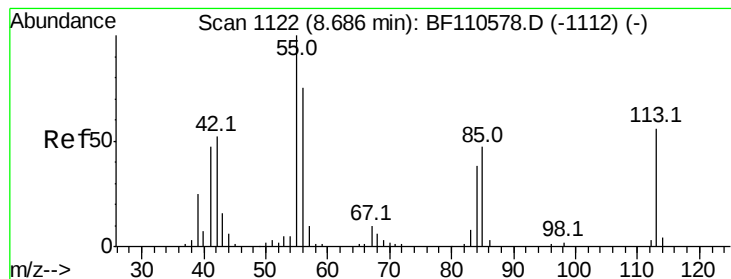
11/9/2018 4:26:05 PM



#34
Hexachlorobutadiene
Concen: 79.238 ng
RT: 8.36 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	51.4	77.2	
227	63.8	51.0	76.6	





#35

Caprolactam

Concen: 74.609 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. 0.03 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleID :

SSTDIC080

Tot Ion: 113 Resp: 121528

Ion Ratio Lower Upper

113 100

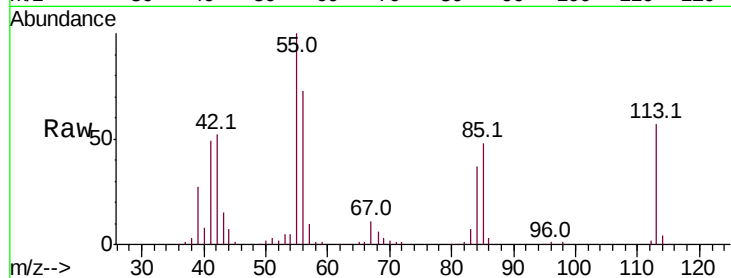
55 176.6 142.8 182.8

56 129.8 105.0 145.0

Manual Integrations
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Sohil

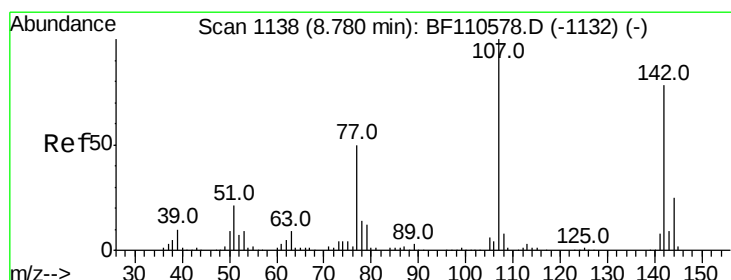
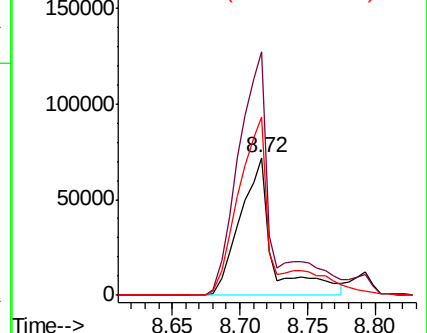
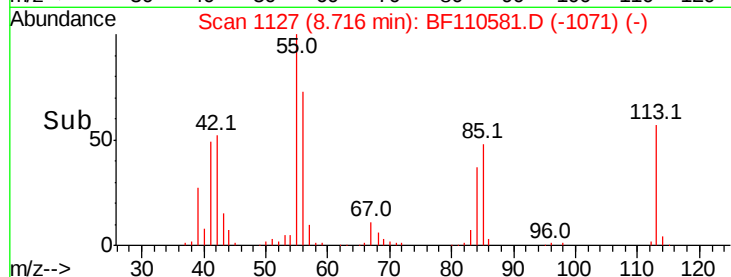
11/9/2018 4:26:05 PM



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: 76.854 ng/mL

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

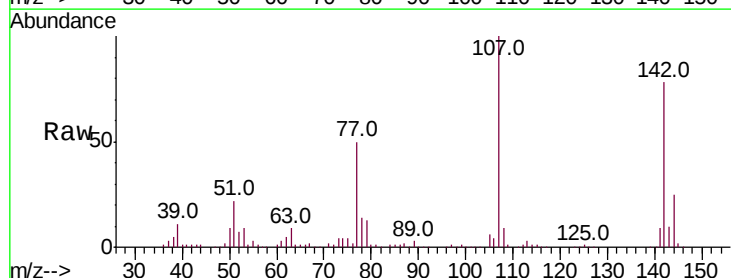
Tgt Ion: 107 Resp: 388389

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

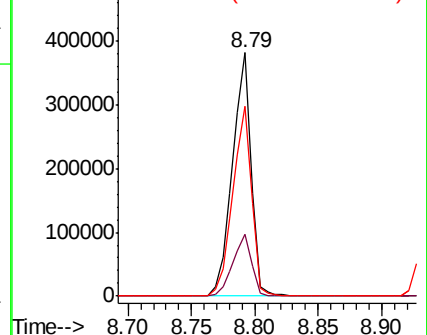
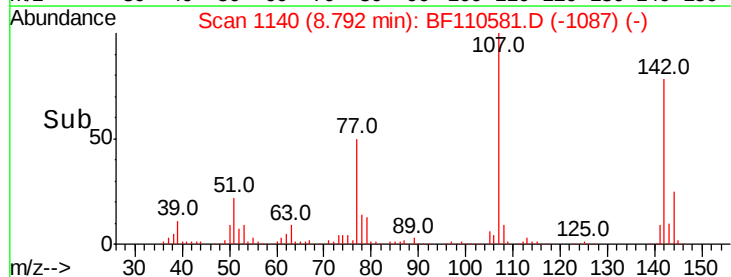
142 78.1 59.7 89.5

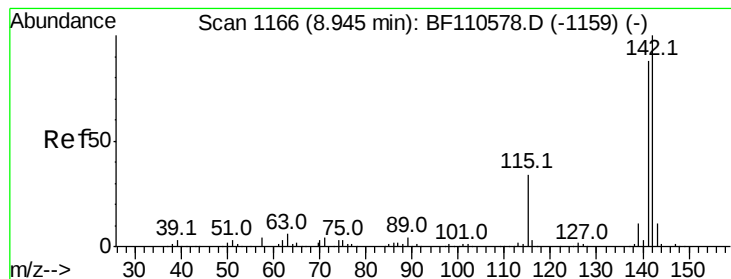


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 75.327 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

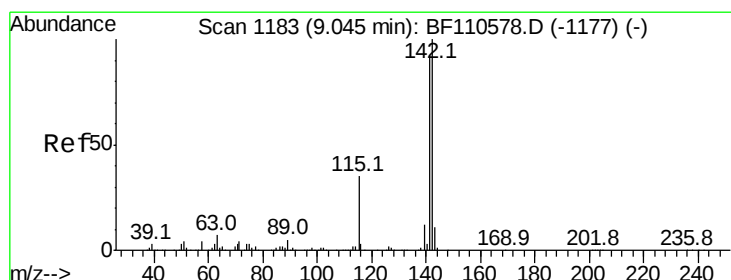
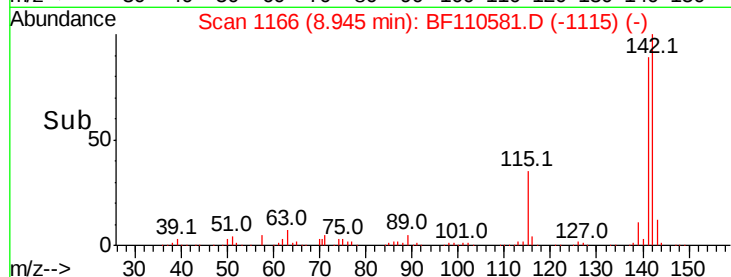
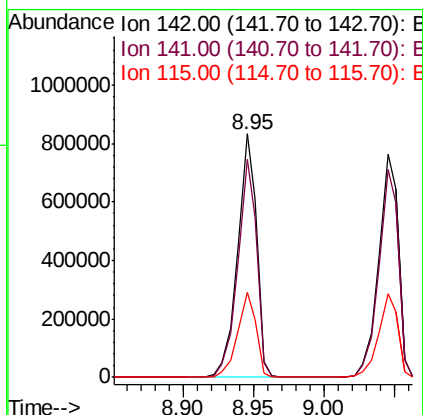
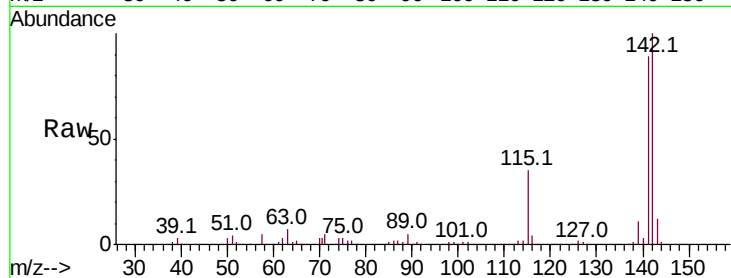
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	35.0	28.7	43.1

Manual Integrations
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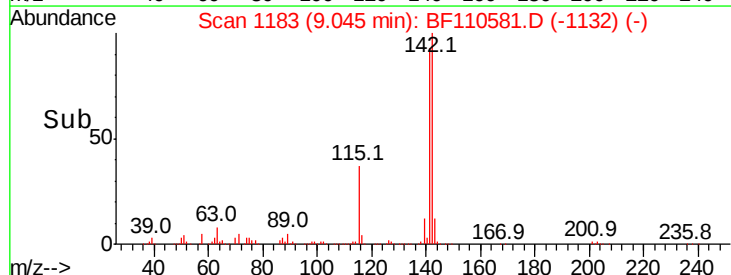
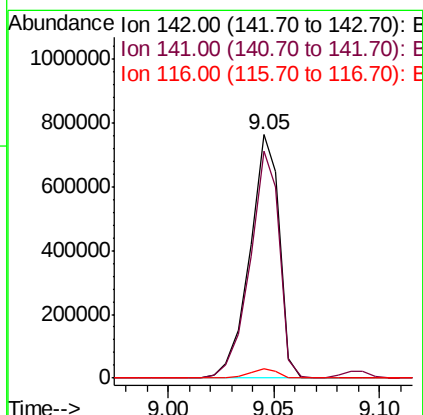
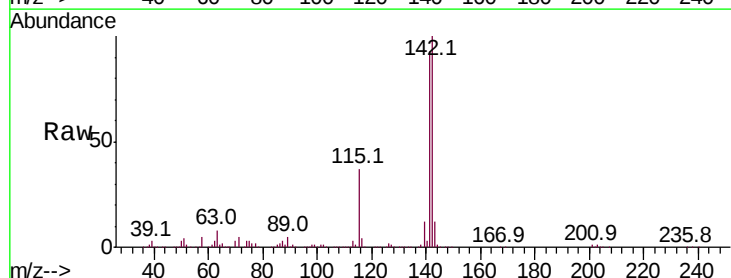
Sohil

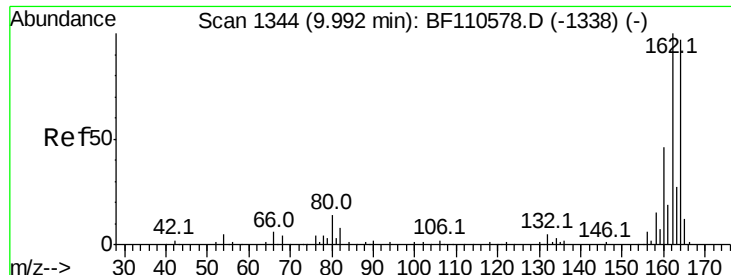
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#38
1-Methylnaphthalene
Concen: 74.675 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	3.8	2.6	4.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

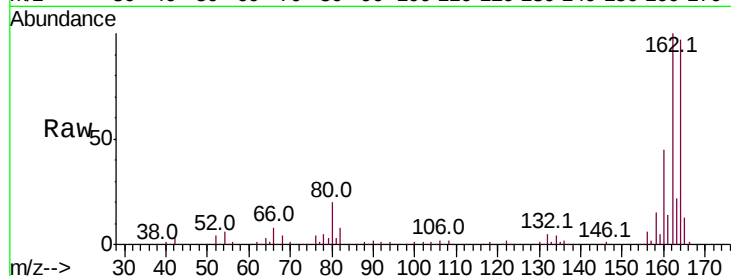
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:164	Resp:	158737
Ion Ratio	Lower	Upper
164	100	
162	103.0	83.0 124.6
160	46.0	37.0 55.6

Manual Integrations
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Sohil

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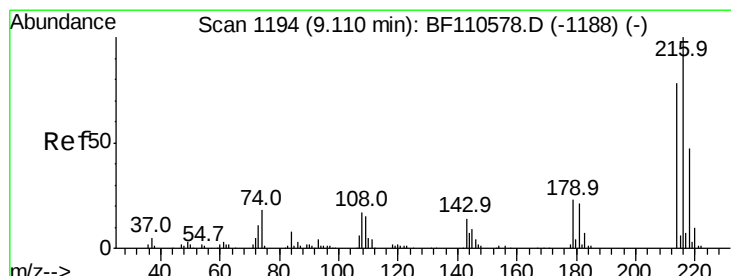
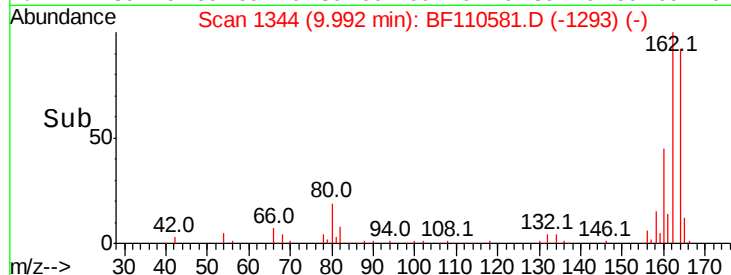
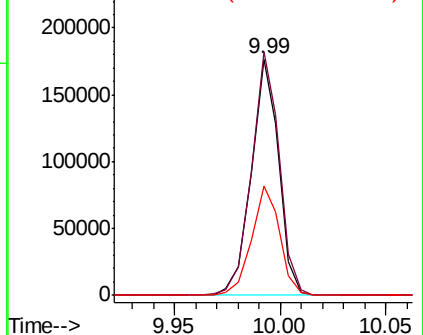


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 76.443 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:216	Resp:	378079
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.8 95.6
179	23.1	16.6 25.0
108	19.9	15.1 22.7

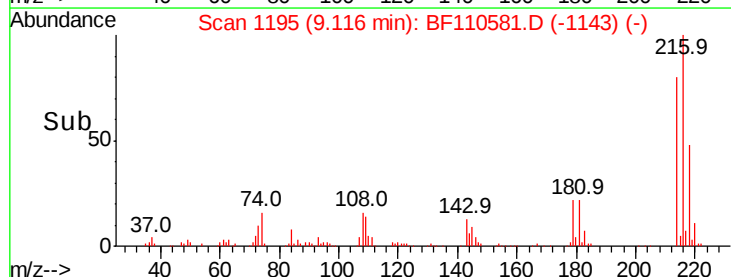
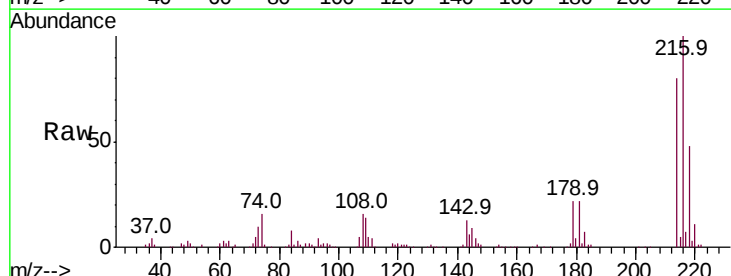
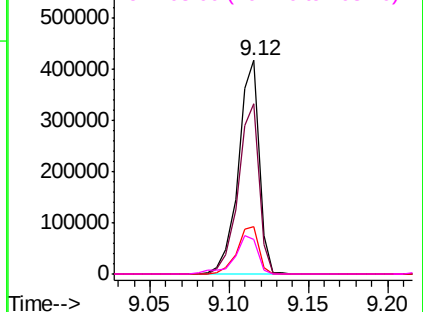
Abundance

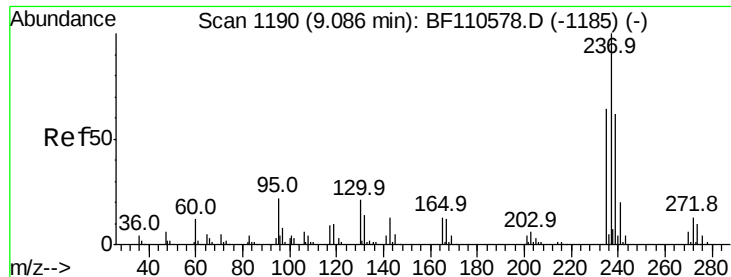
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 62.609 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

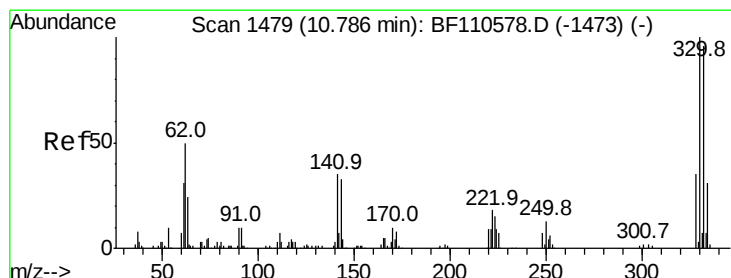
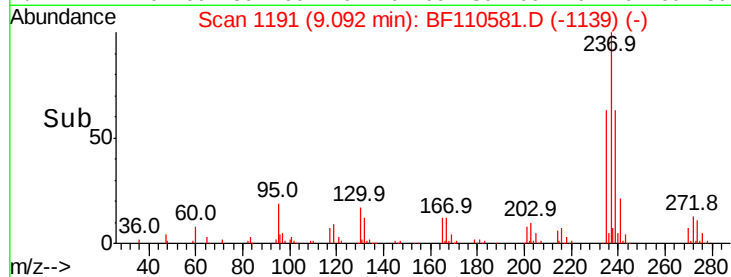
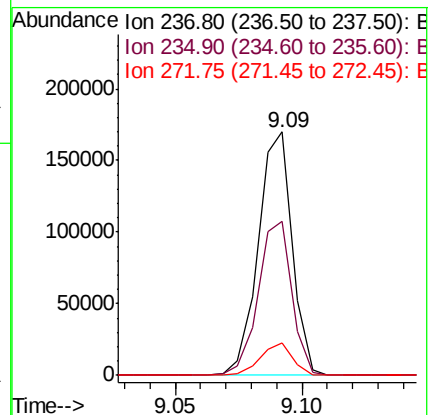
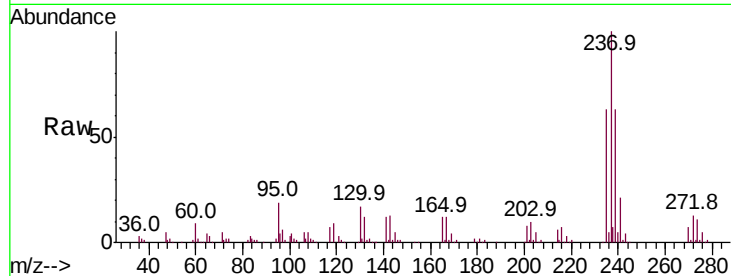
SSTDIC080

Tot Ion:	237	Resp:	158340
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.1	83.1
272	13.1	0.0	32.6

Manual Integrations
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Sohil

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#42

2,4,6-Tribromophenol

Concen: 149.761 ng

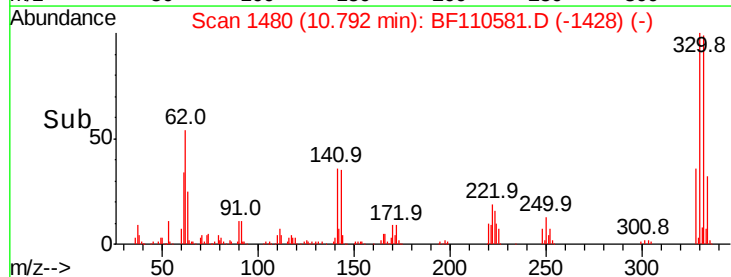
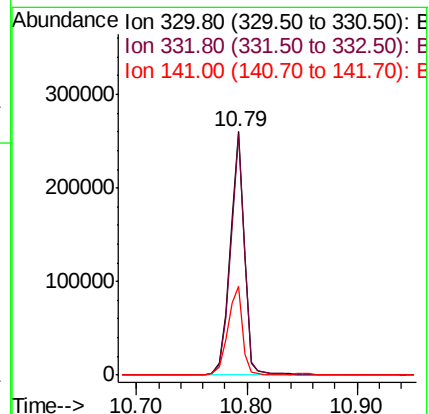
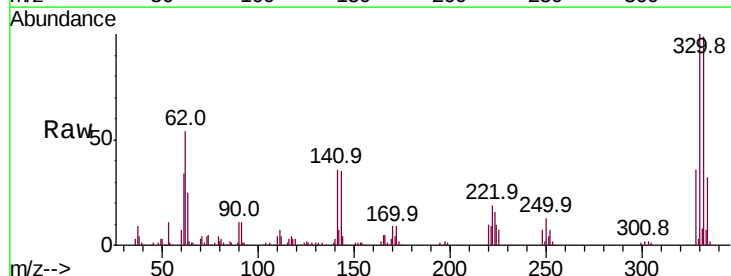
RT: 10.79 min Scan# 1480

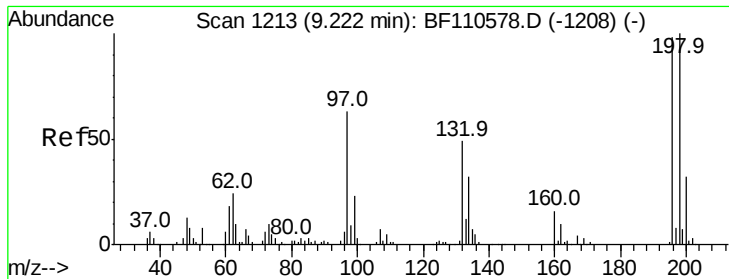
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:	330	Resp:	235484
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.1	115.7
141	37.4	27.0	40.4





#43
 2,4,6-Trichlorophenol
 Concen: 75.248 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

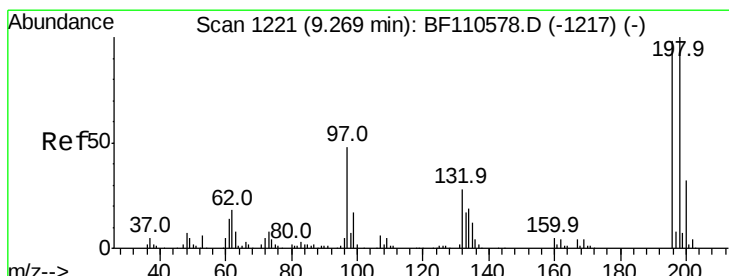
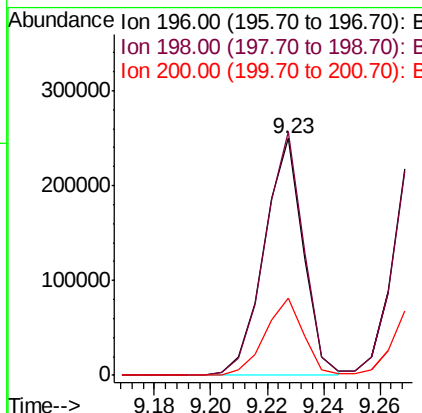
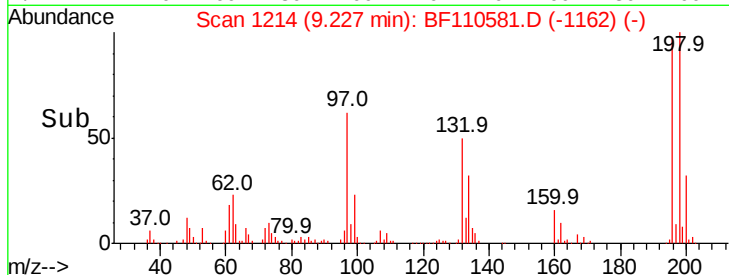
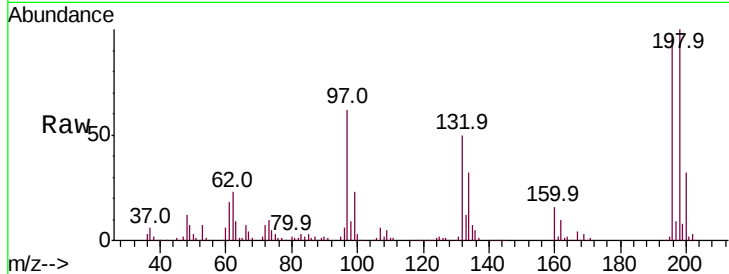
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	240047
Ion Ratio	Lower	Upper	
196	100		
198	102.7	76.2	114.4
200	32.6	24.4	36.6

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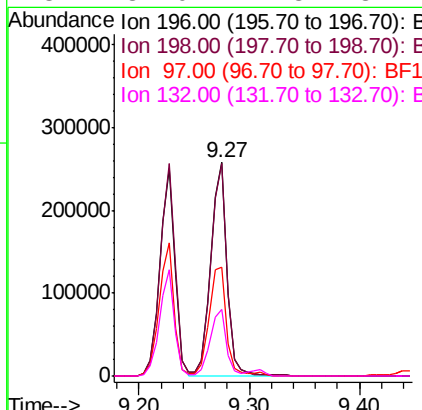
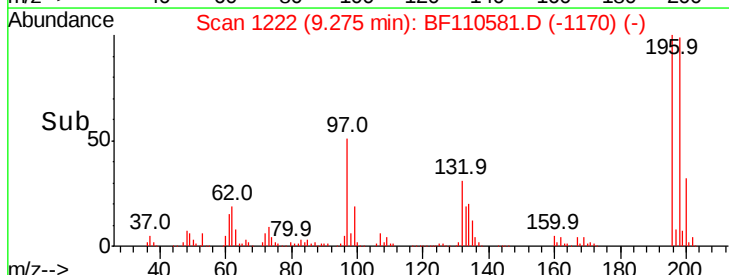
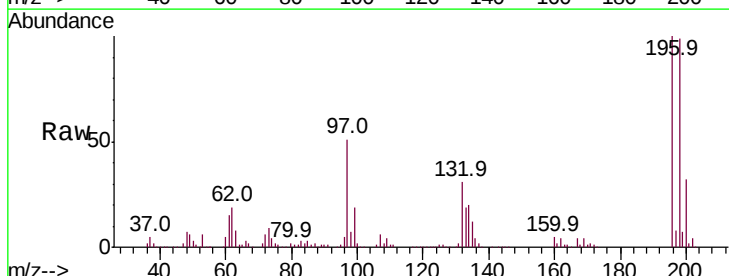
Sohil

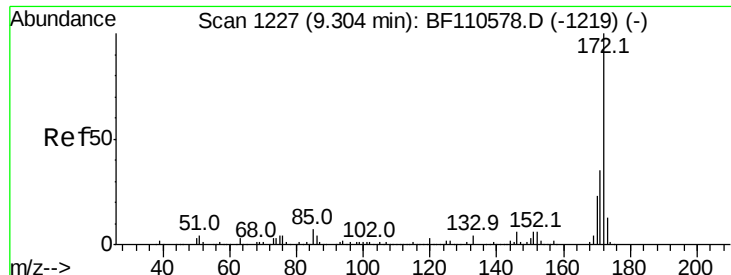
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#44
 2,4,5-Trichlorophenol
 Concen: 76.167 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:	196	Resp:	256836
Ion Ratio	Lower	Upper	
196	100		
198	99.4	75.8	113.6
97	51.1	42.4	63.6
132	31.0	22.8	34.2





#45
2-Fluorobiphenyl
Concen: 154.212 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

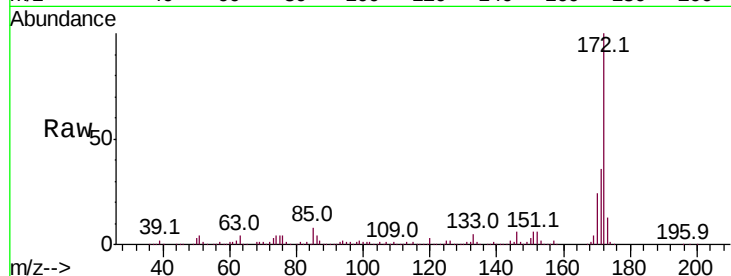
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.7	29.5

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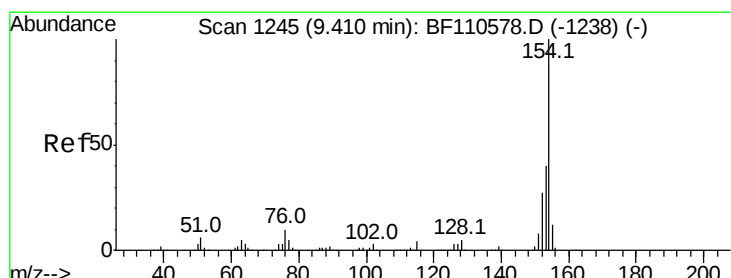
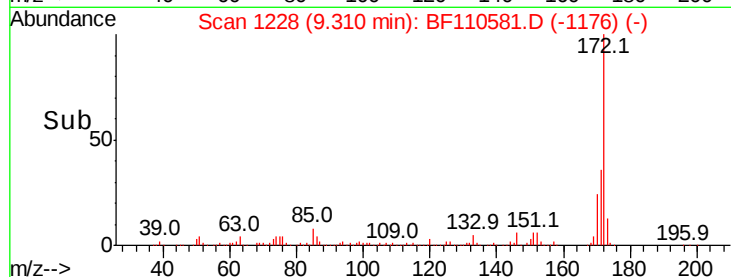
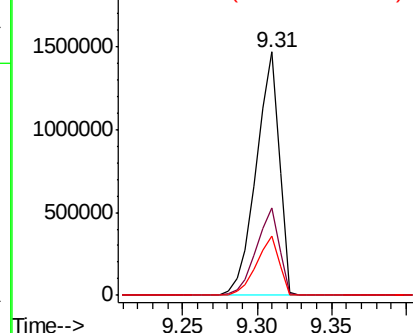


Abundance

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



#46
1,1'-Biphenyl
Concen: 75.342 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

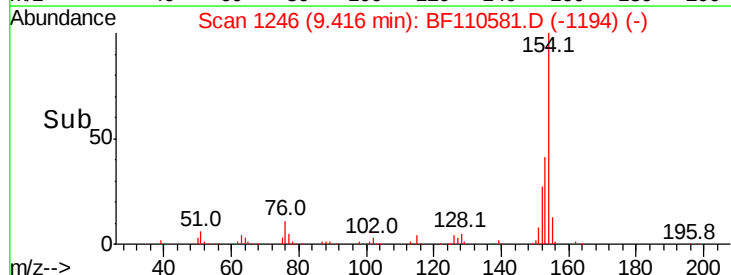
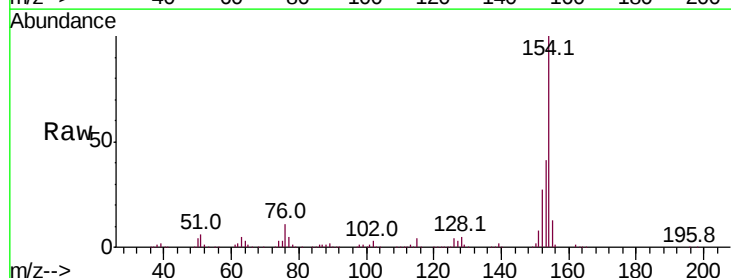
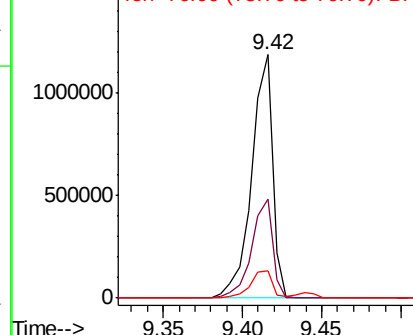
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	11.2	0.0	31.9

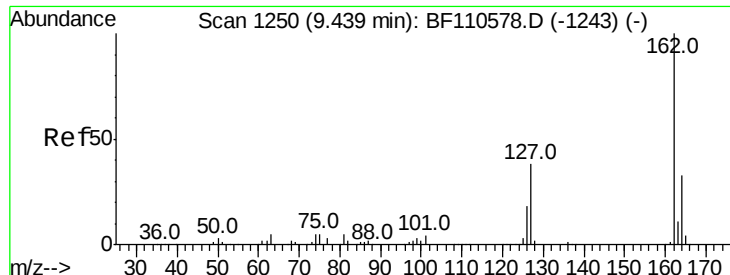
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47
 2-Chloronaphthalene
 Concen: 76.085 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

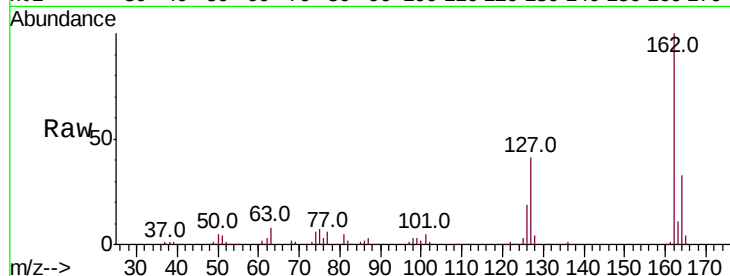
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	162	Resp:	801134
Ion Ratio	Lower	Upper	
162	100		
127	40.9	32.6	48.8
164	33.2	25.9	38.9

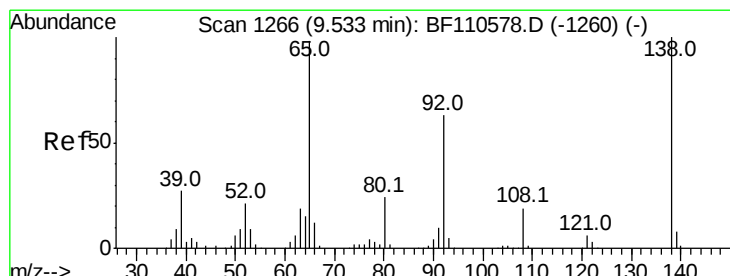
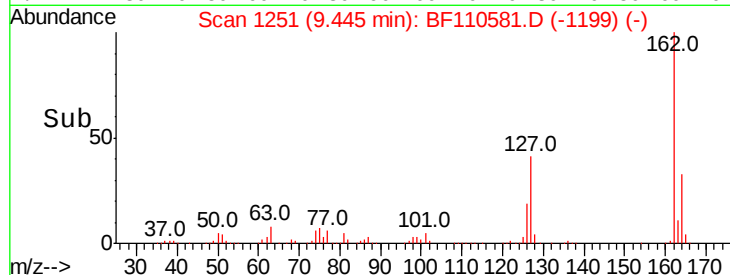
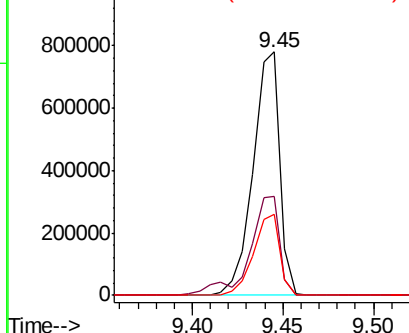
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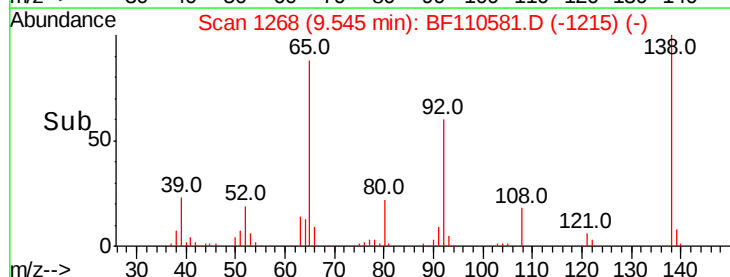
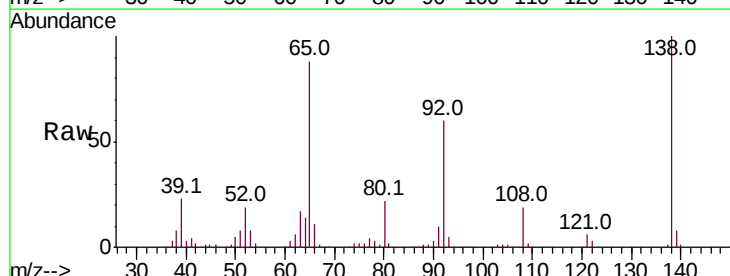
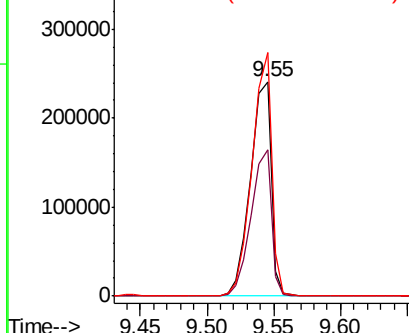
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

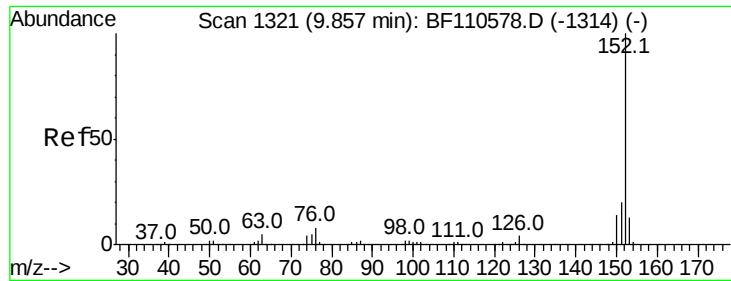


#48
 2-Nitroaniline
 Concen: 80.688 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:	65	Resp:	257457
Ion Ratio	Lower	Upper	
65	100		
92	68.5	54.6	81.8
138	113.6	80.3	120.5

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





#49

Acenaphthylene

Concen: 74.140 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1127533

Ion Ratio Lower Upper

152 100

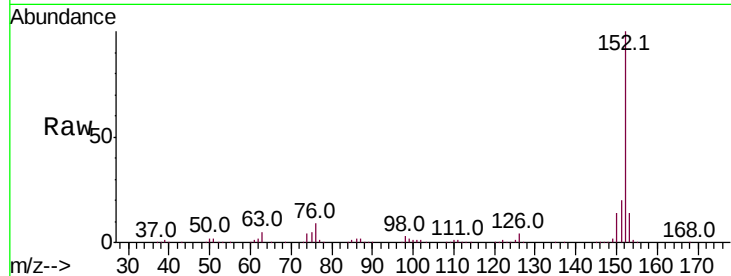
151 20.1 15.8 23.8

153 13.6 10.4 15.6

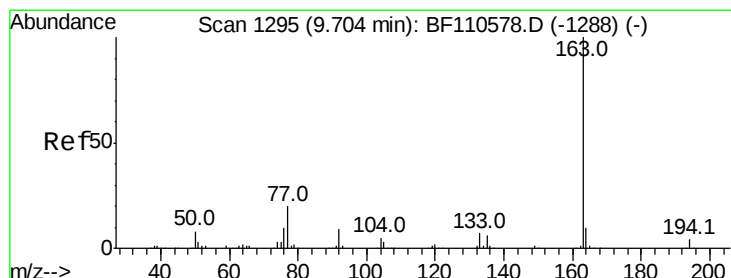
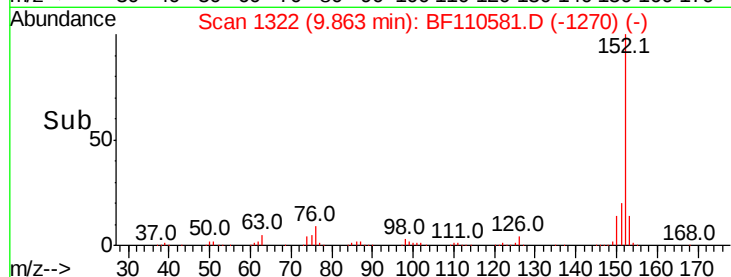
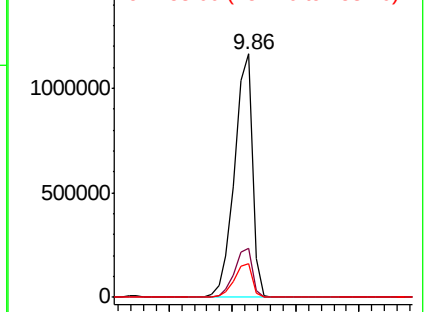
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 76.209 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

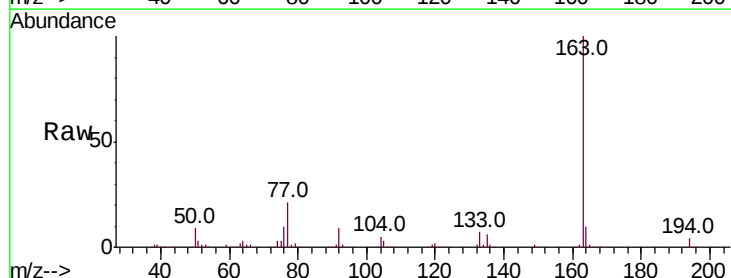
Tgt Ion:163 Resp: 892986

Ion Ratio Lower Upper

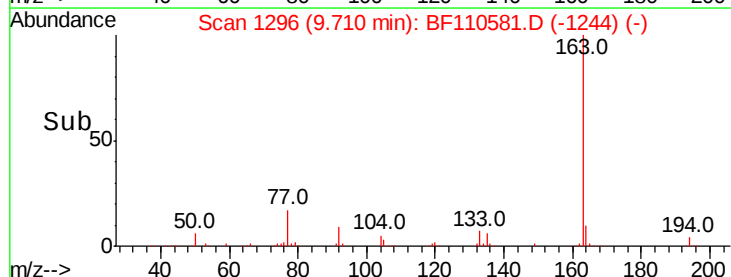
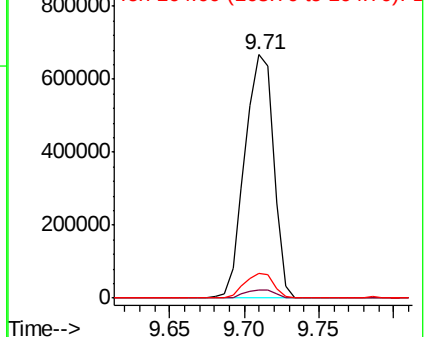
163 100

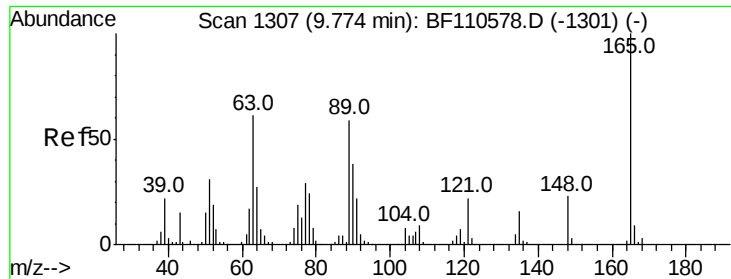
194 3.6 3.2 4.8

164 10.0 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 78.575 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 198324

Ion Ratio Lower Upper

165 100

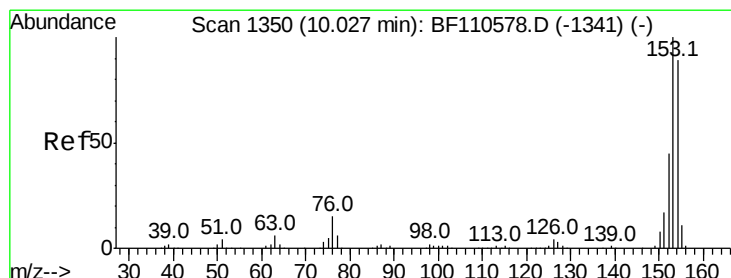
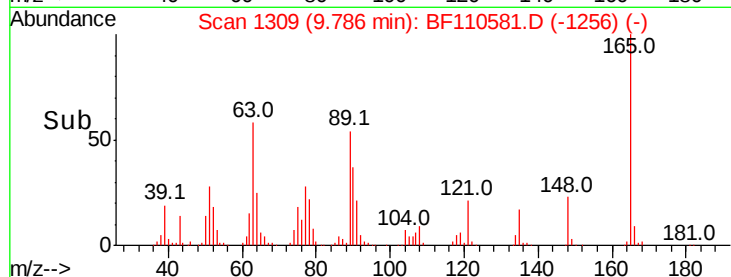
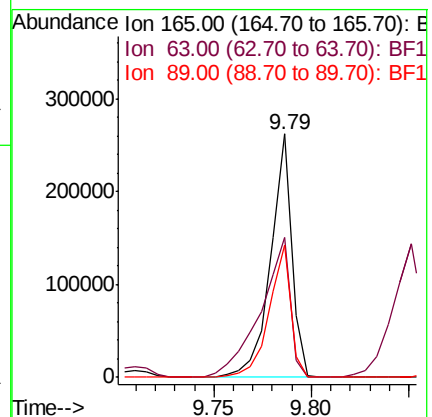
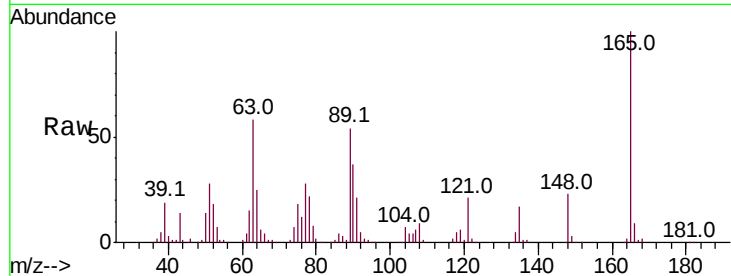
63 57.7 48.9 73.3

89 54.1 46.6 69.8

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#52

Acenaphthene

Concen: 71.426 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

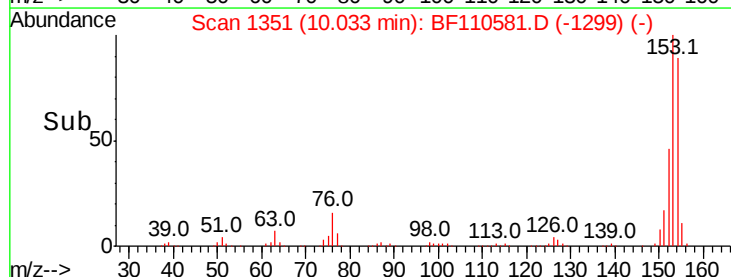
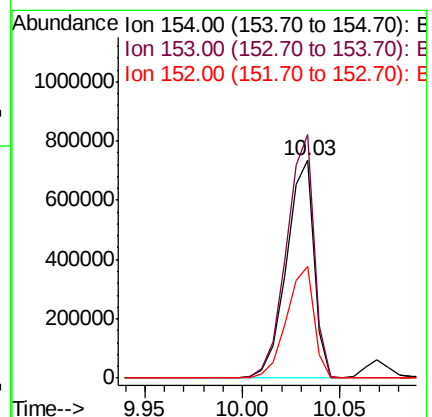
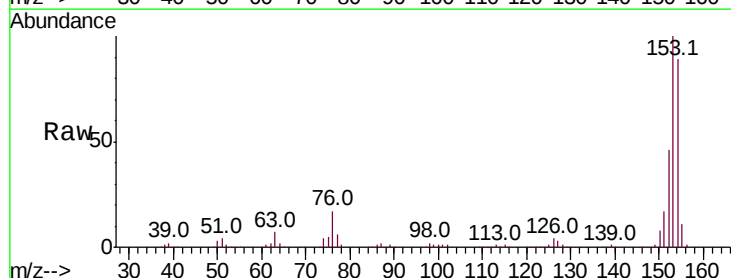
Tgt Ion:154 Resp: 718612

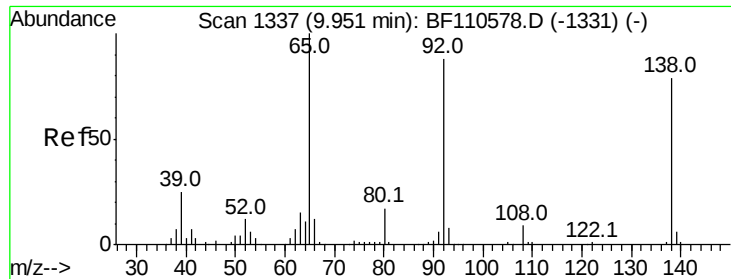
Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

152 51.3 43.4 65.2





#53
 3-Nitroaniline
 Concen: 77.151 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

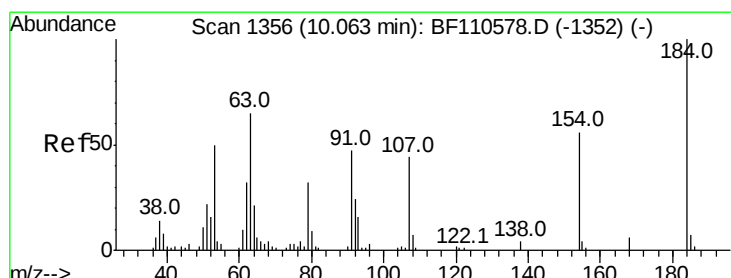
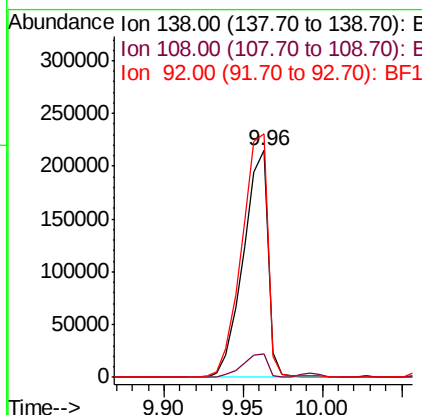
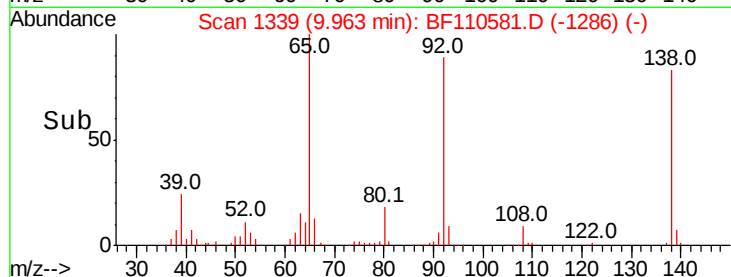
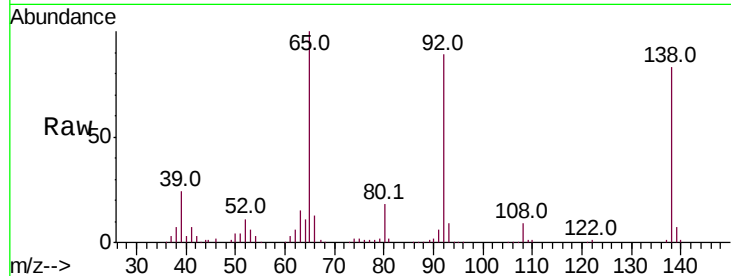
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	138	Resp:	231571
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.7	13.1
92	107.5	97.0	145.4

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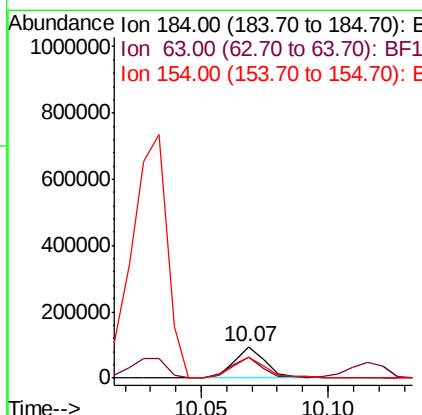
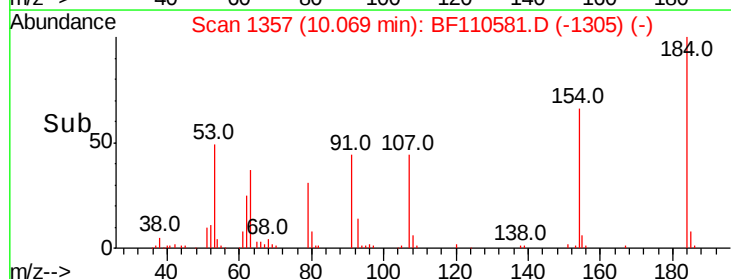
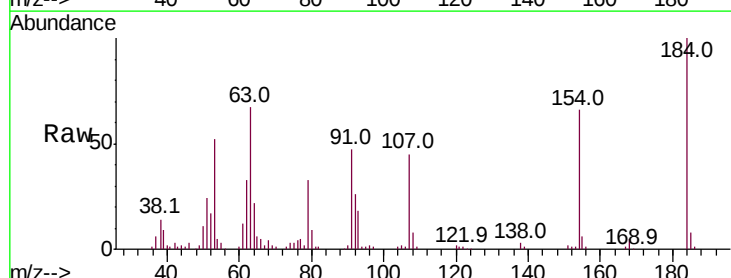
Sohil

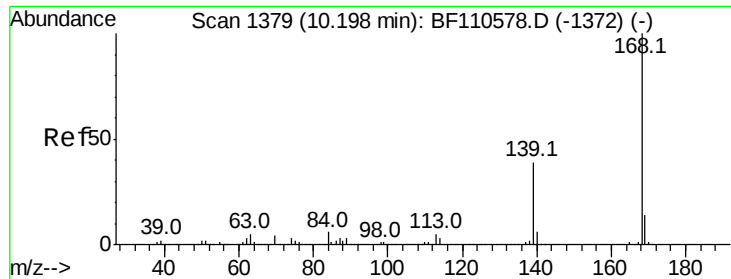
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#54
 2,4-Dinitrophenol
 Concen: 93.647 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:	184	Resp:	83043
Ion Ratio	Lower	Upper	
184	100		
63	66.8	55.8	83.6
154	66.2	63.2	94.8





#55
Dibenzenofuran
Concen: 72.346 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

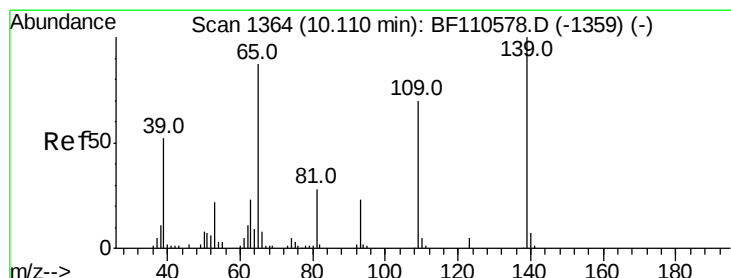
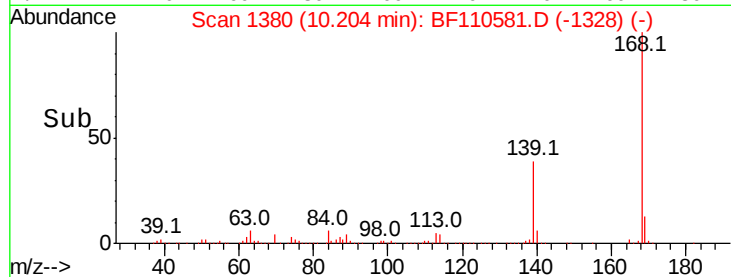
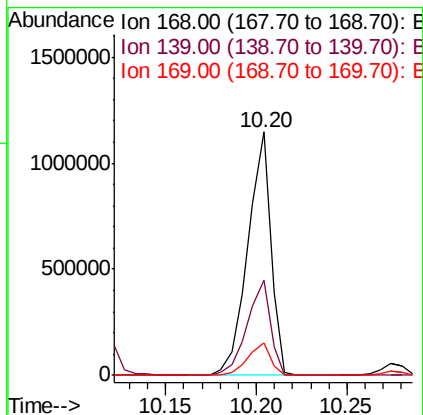
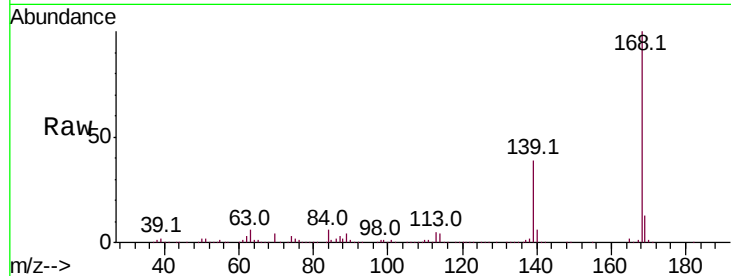
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:168 Resp: 1019088
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.4 11.3 16.9

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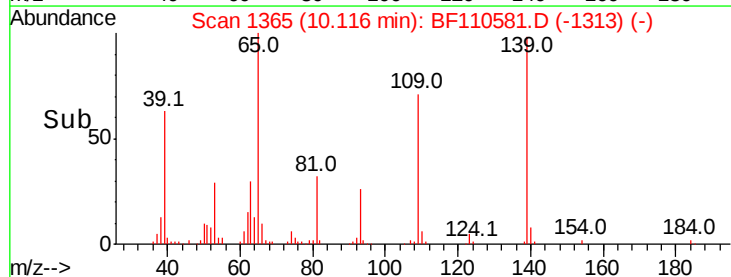
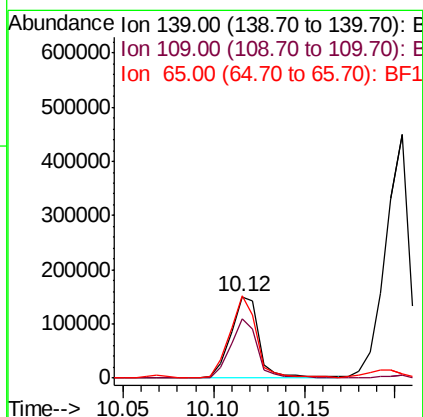
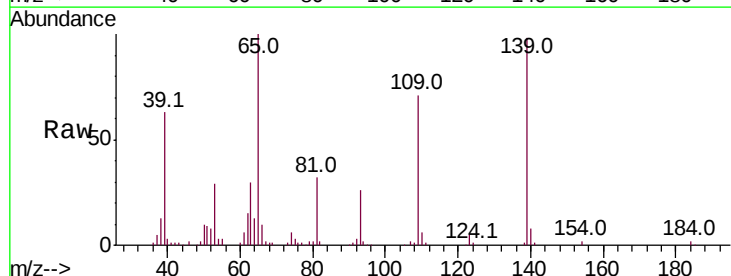
Sohil

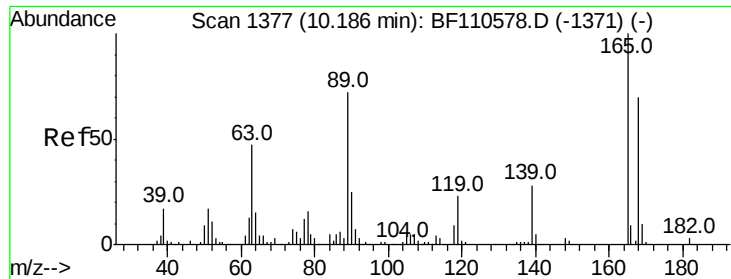
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#56
4-Nitrophenol
Concen: 73.573 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:139 Resp: 163442
Ion Ratio Lower Upper
139 100
109 72.3 55.8 95.8
65 102.0 77.9 117.9





#57
2,4-Dinitrotoluene
Concen: 79.459 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

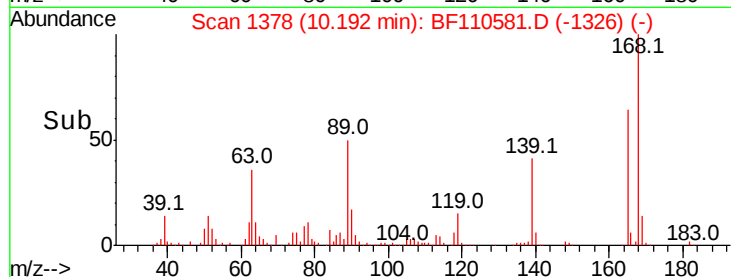
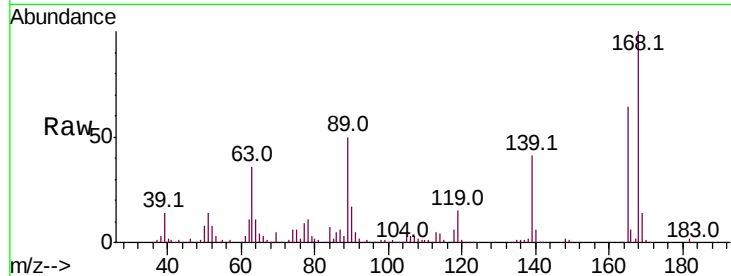
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.5	44.8	67.2	
89	78.8	62.2	93.4	
182	2.4	2.1	3.1	

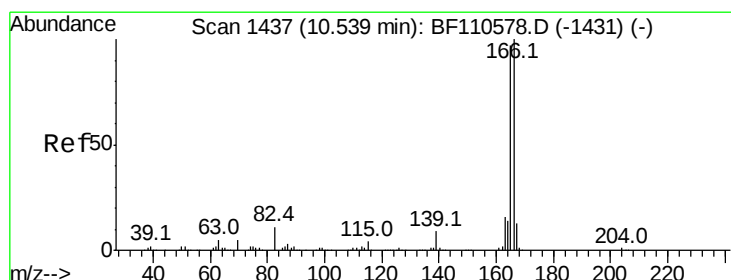
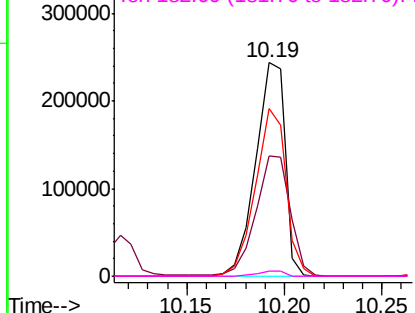
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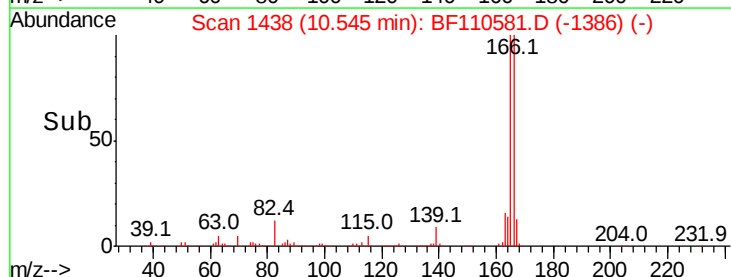
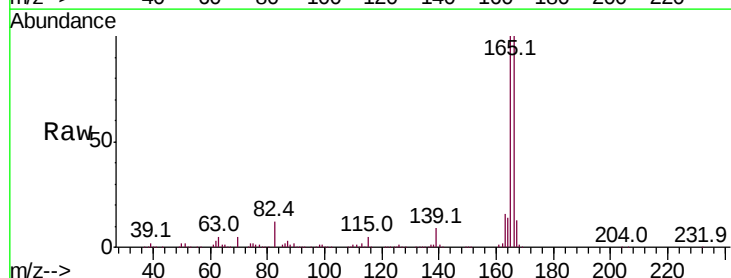


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

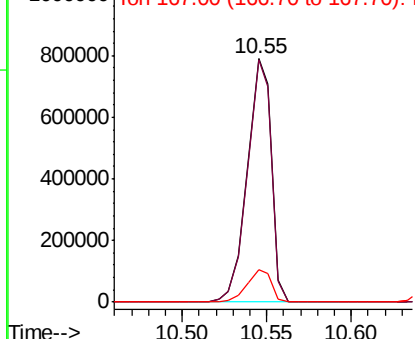


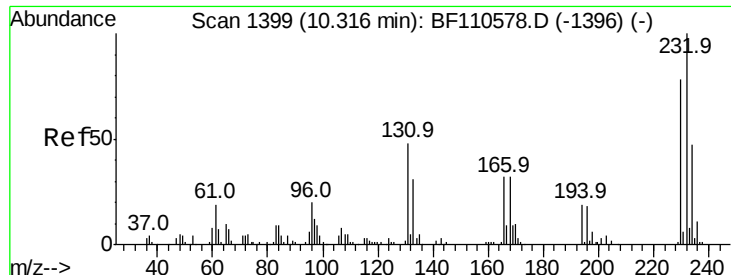
#58
Fluorene
Concen: 75.425 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	78.6	117.8	
167	13.3	10.8	16.2	



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





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.090 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

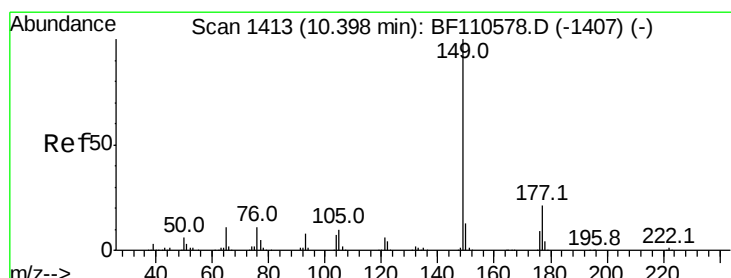
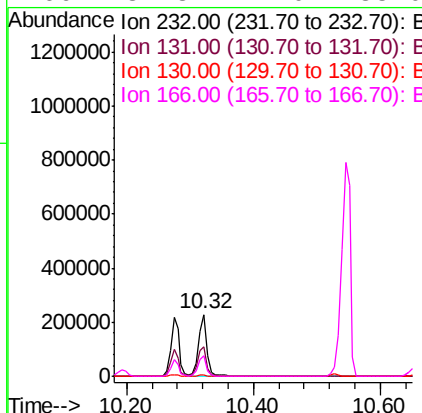
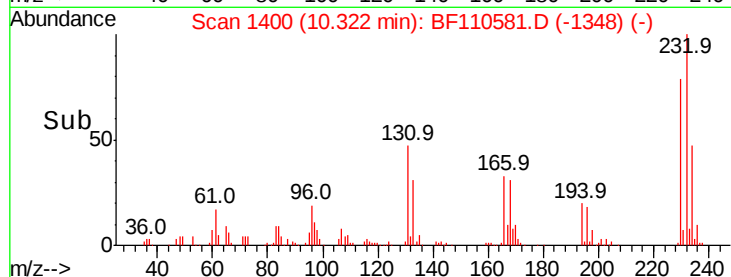
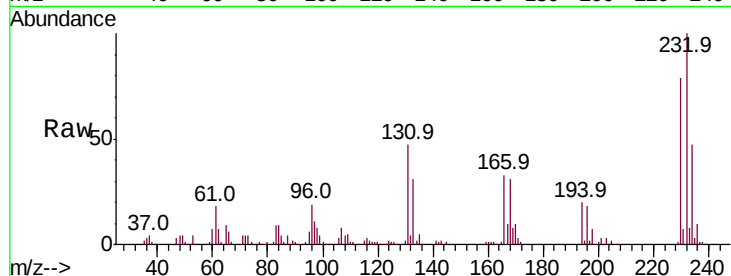
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.3	37.0	55.4
130	2.4	1.8	2.6
166	32.3	22.0	33.0

Manual Integrations
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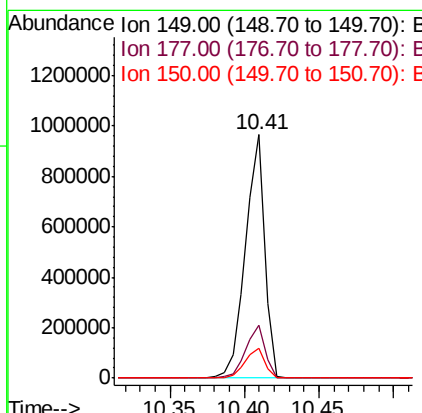
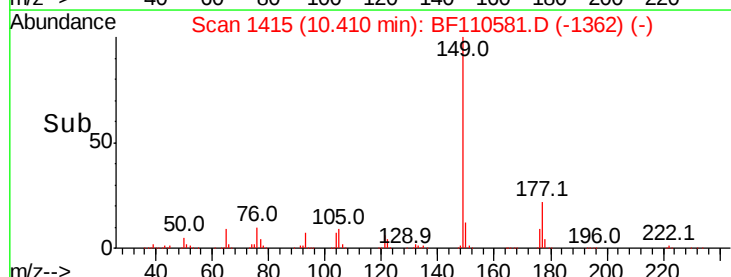
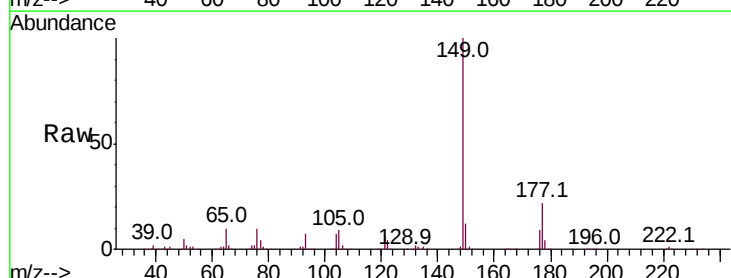
Sohil

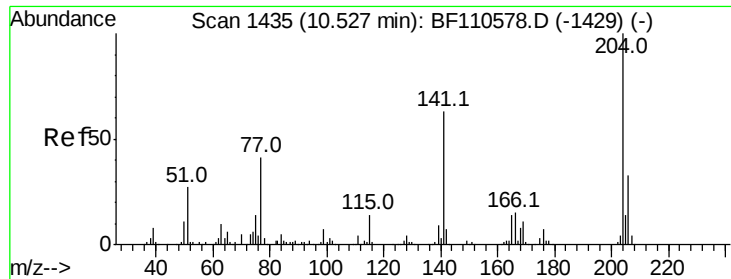
11/9/2018 4:26:05 PM



#60
 Diethylphthalate
 Concen: 75.400 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.4	9.8	14.8





#61
4-Chlorophenyl-phenylether
Concen: 72.617 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

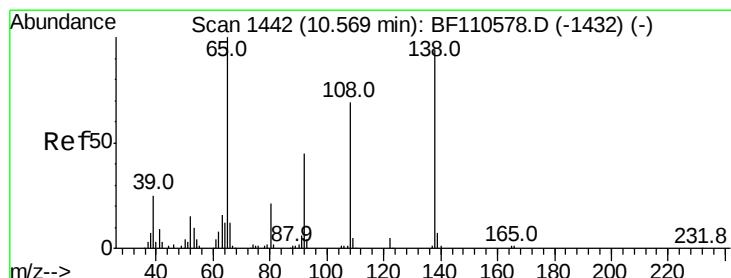
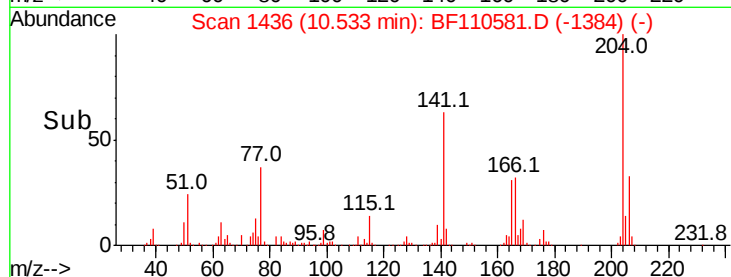
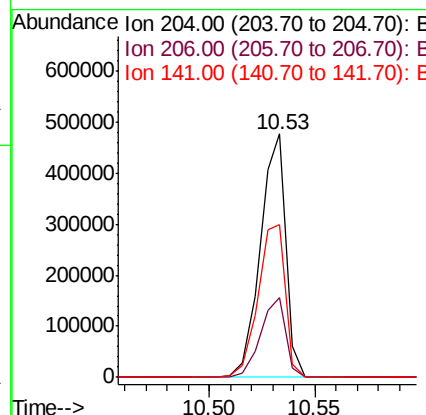
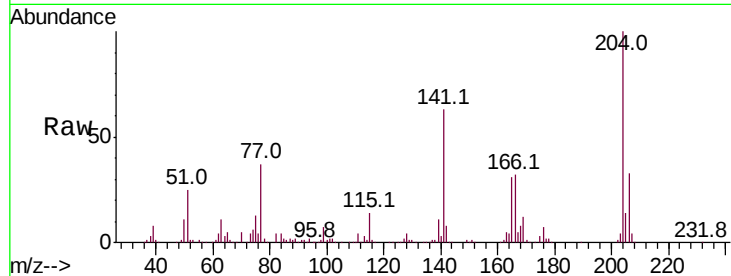
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	204	Resp:	401604
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	62.6	51.8	77.8

Manual Integrations
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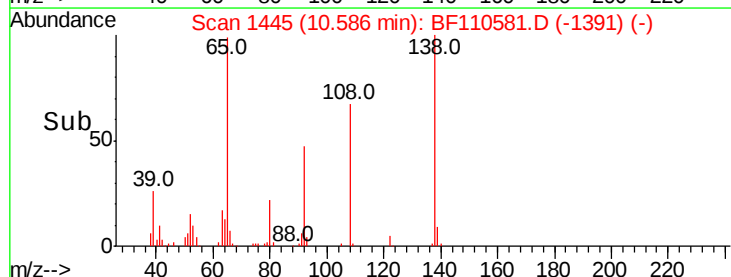
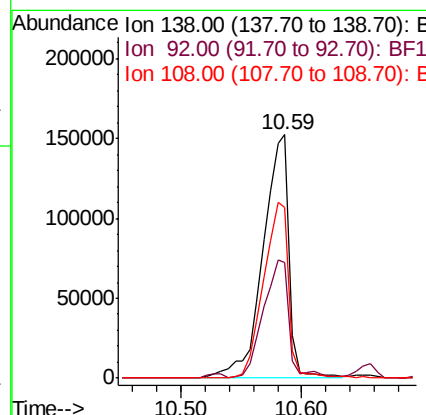
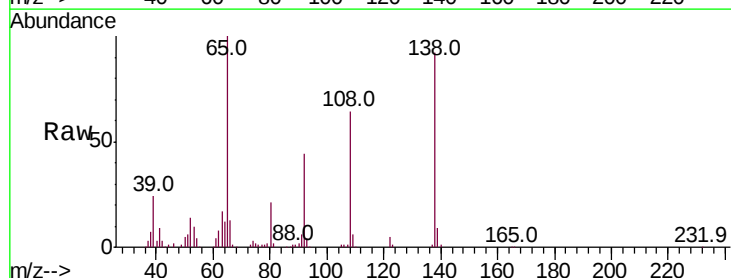
Sohil

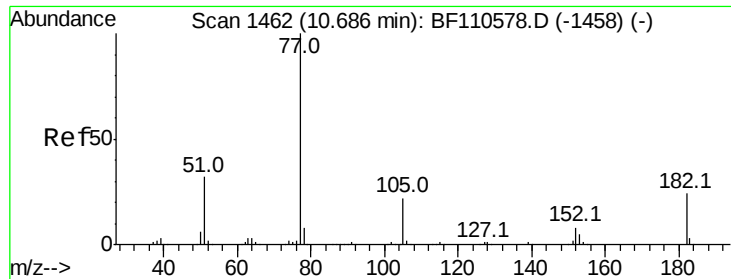
11/9/2018 4:26:05 PM



#62
4-Nitroaniline
Concen: 76.280 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.02 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:	138	Resp:	227719
Ion Ratio	Lower	Upper	
138	100		
92	47.5	31.7	71.7
108	70.0	59.3	99.3





#63
Azobenzene
Concen: 74.794 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

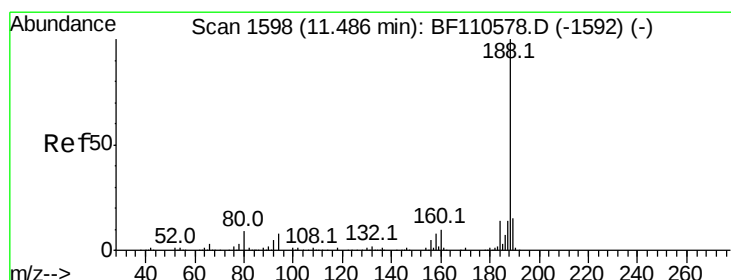
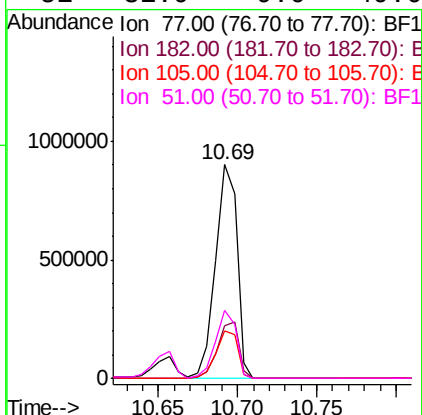
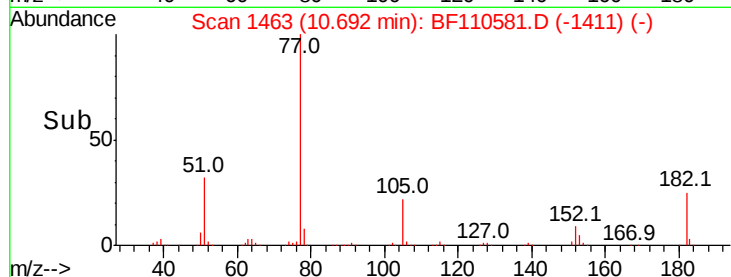
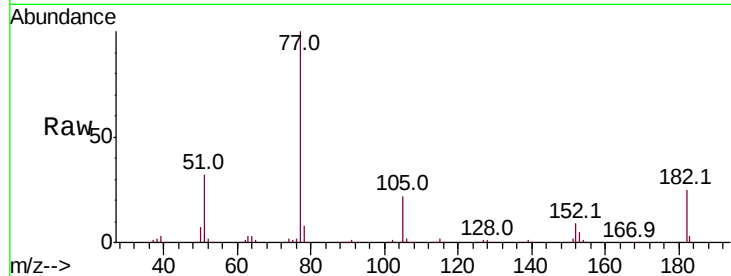
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.3	44.3
105	22.0	1.3	41.3
51	31.9	9.0	49.0

Manual Integrations
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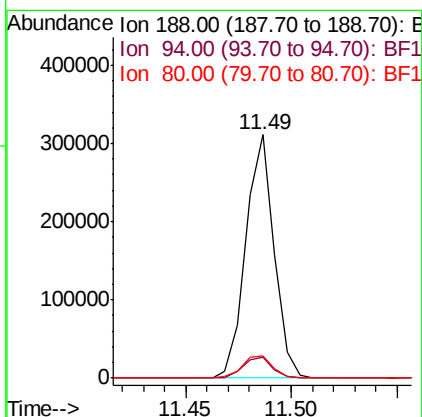
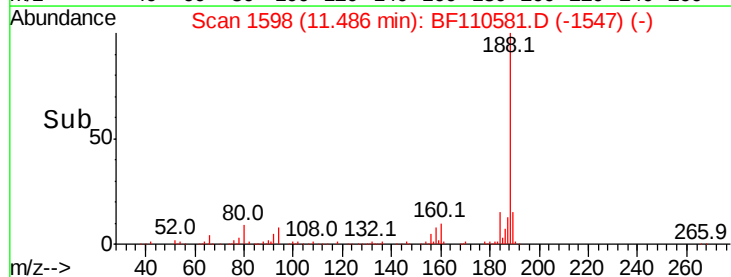
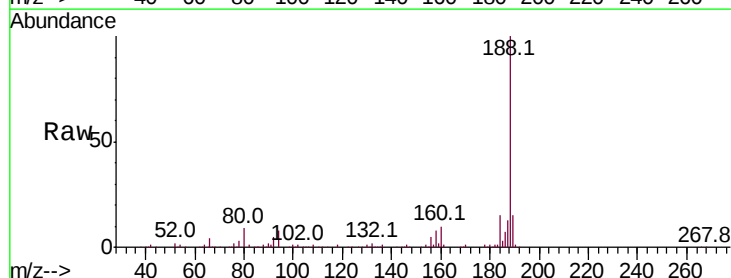
Sohil

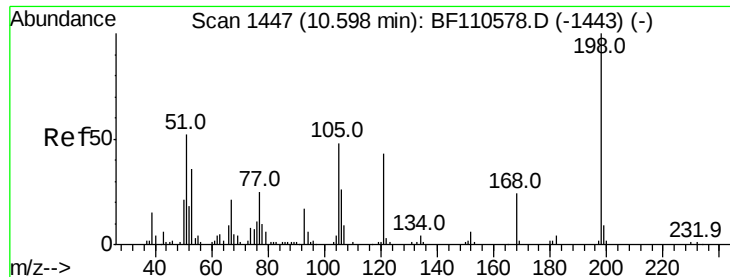
11/9/2018 4:26:05 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 98.567 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

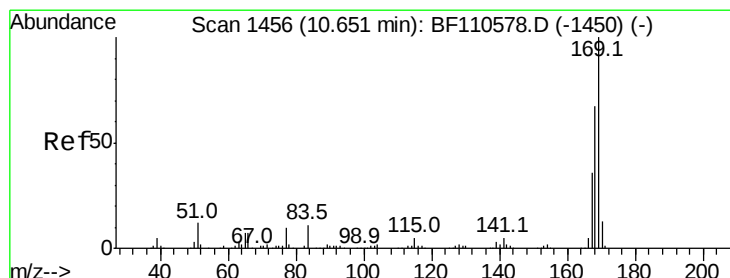
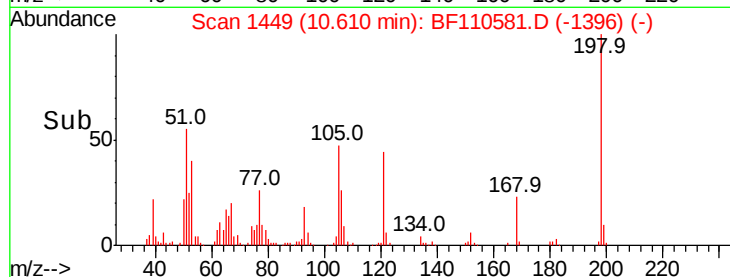
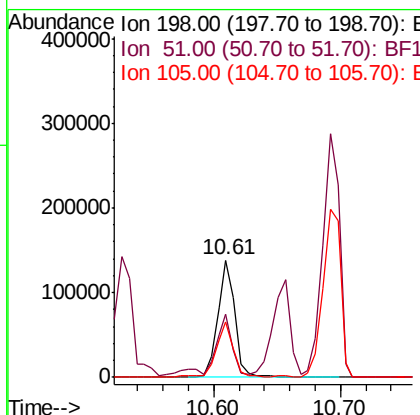
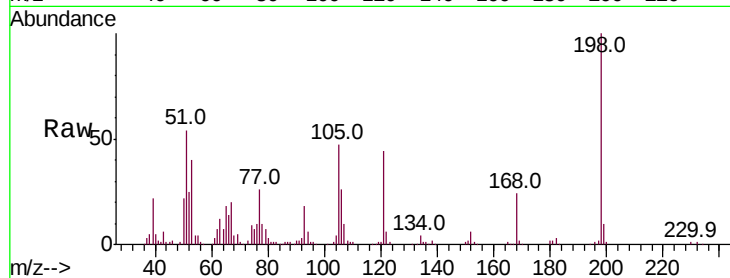
SSTDIC080

Tot Ion:	198	Resp:	130107
Ion Ratio	Lower	Upper	
198	100		
51	54.5	22.8	62.8
105	47.2	23.6	63.6

Manual Integrations
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Sohil

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#66

n-Nitrosodiphenylamine

Concen: 77.696 ng

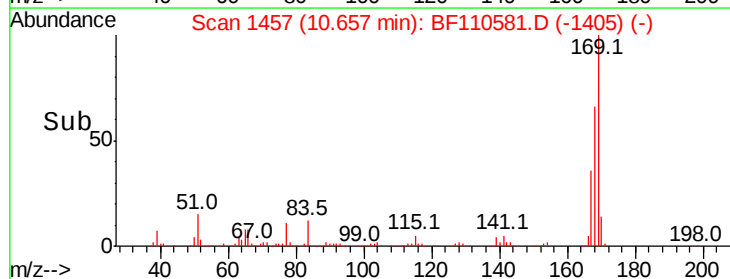
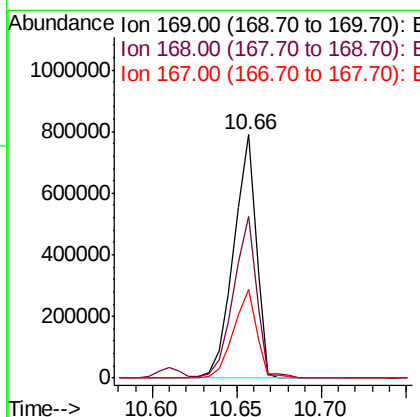
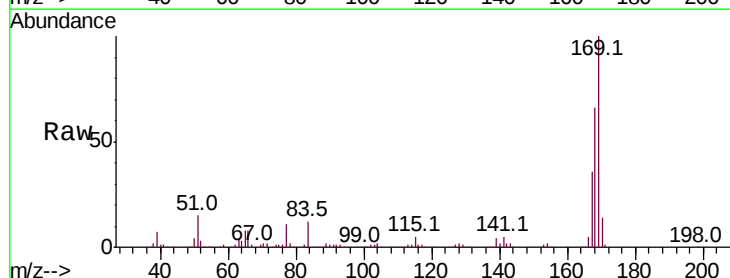
RT: 10.66 min Scan# 1457

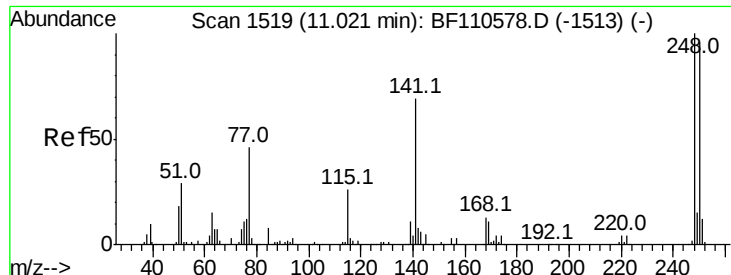
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:	169	Resp:	736288
Ion Ratio	Lower	Upper	
169	100		
168	66.3	51.2	76.8
167	36.3	27.8	41.6





#67
4-Bromophenyl-phenylether
Concen: 78.002 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

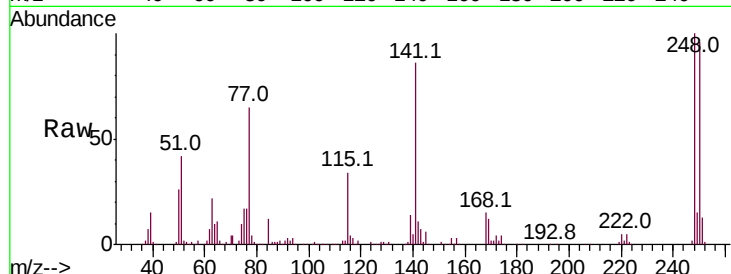
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.4	119.2
141	85.7	55.9	83.9

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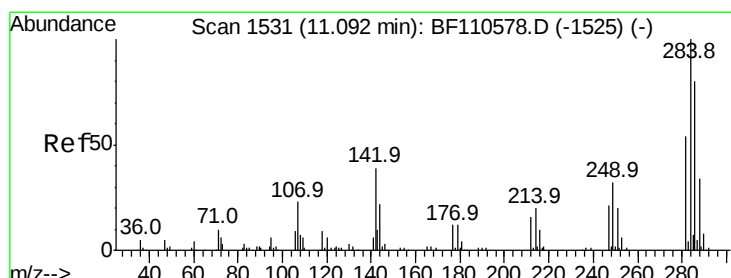
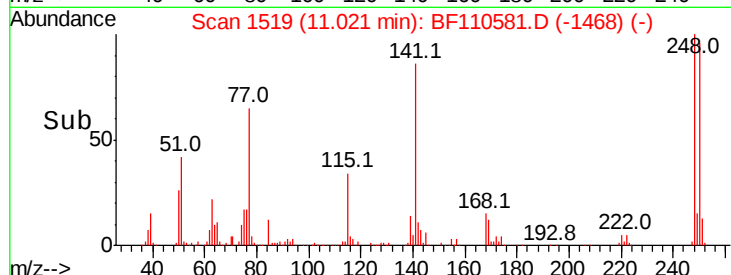
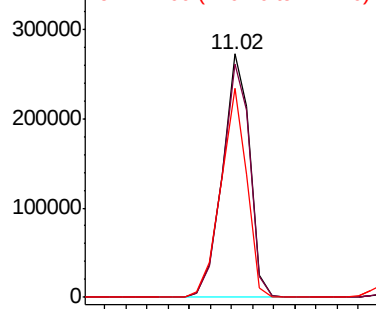


Abundance

Ion 248.00 (247.70 to 248.70): E

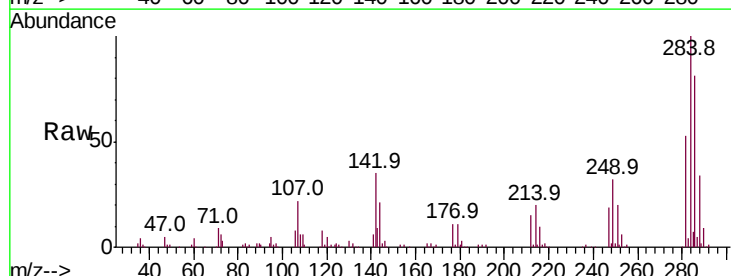
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 77.057 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	23.9	35.9
249	31.5	24.2	36.2

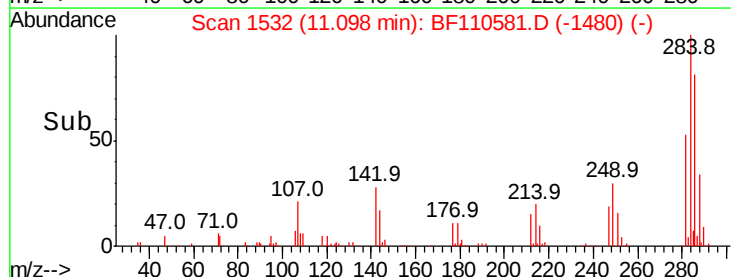
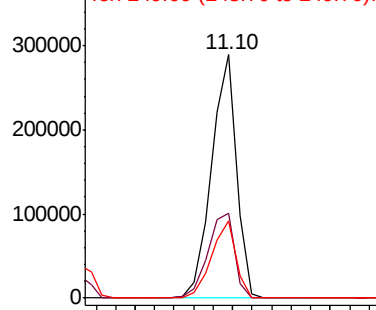


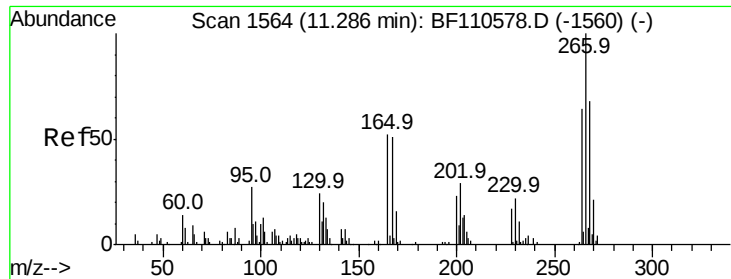
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#70
 Pentachlorophenol
 Concen: 76.011 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

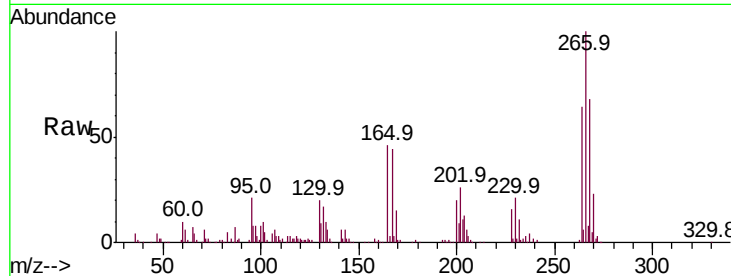
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	266	Resp:	147380
Ion Ratio	Lower	Upper	
266	100		
268	67.8	50.6	75.8
264	63.5	50.6	75.8

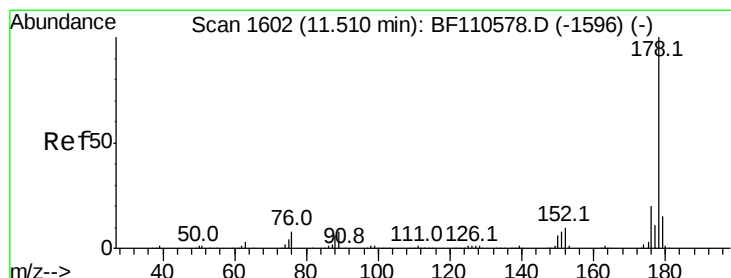
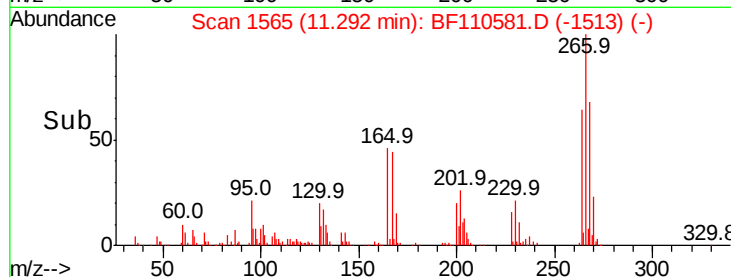
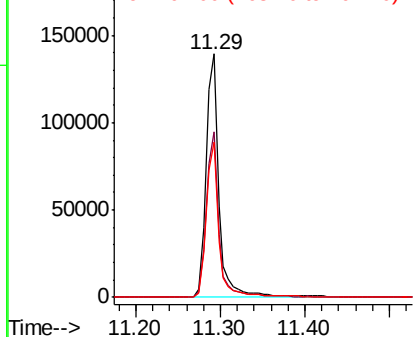
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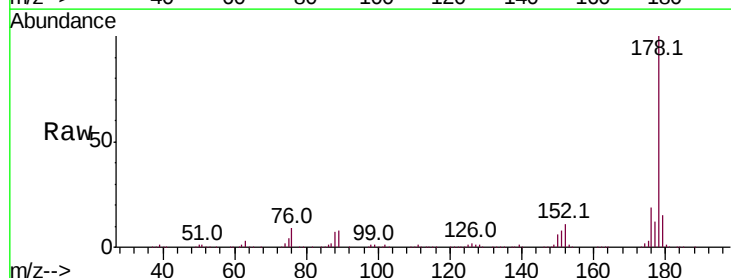


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

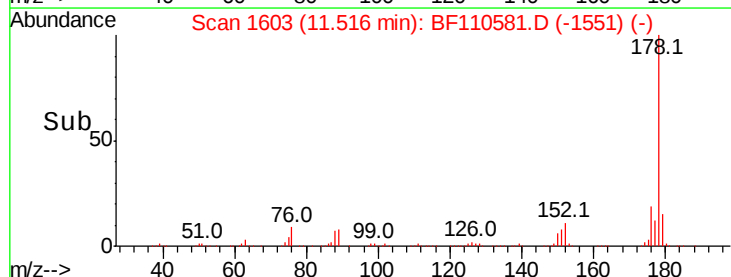
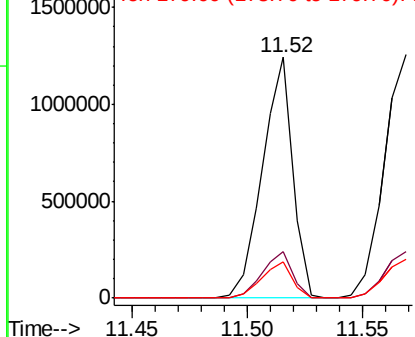


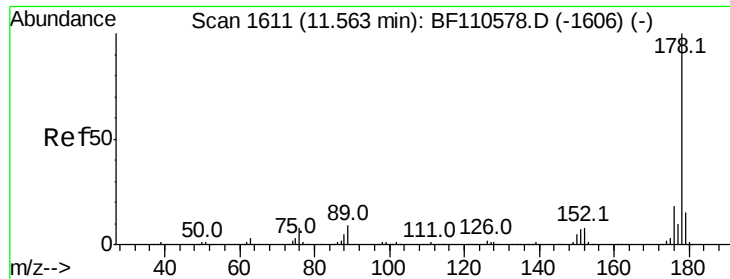
#71
 Phenanthrene
 Concen: 75.043 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:	178	Resp:	1134462
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.5	23.3
179	15.1	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72
 Anthracene
 Concen: 75.062 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

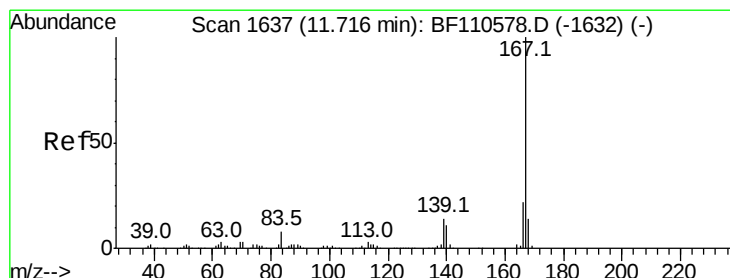
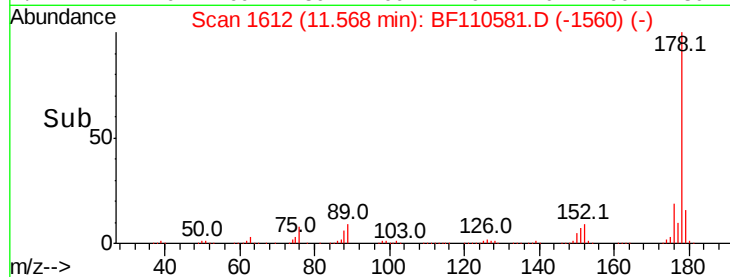
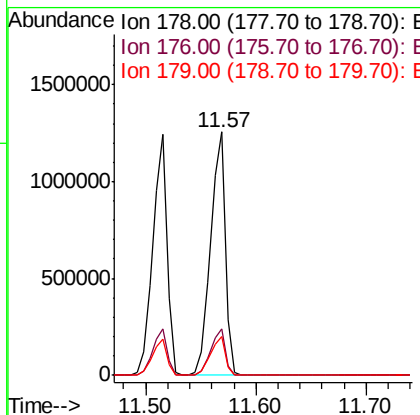
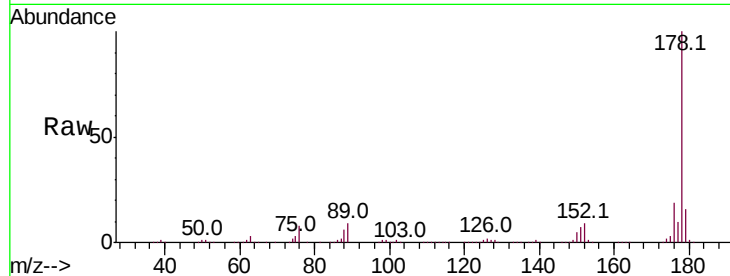
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 1137401
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 18.8

Manual Integrations
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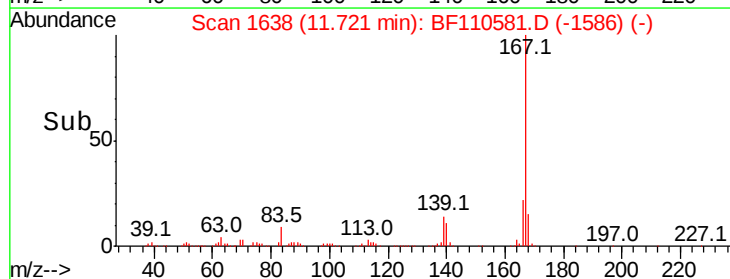
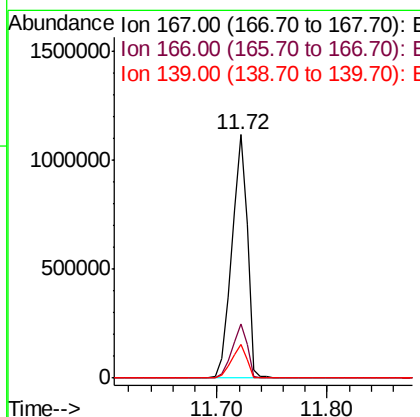
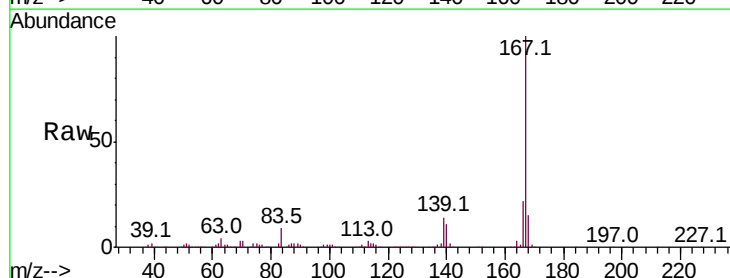
Sohil

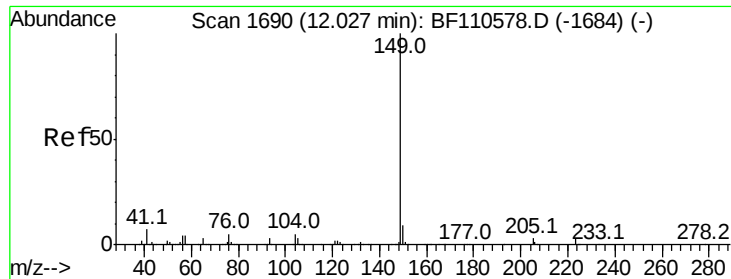
11/9/2018 4:26:05 PM



#73
 Carbazole
 Concen: 74.681 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:167 Resp: 1104910
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 14.1 10.9 16.3





#74
Di-n-butylphthalate
Concen: 78.181 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

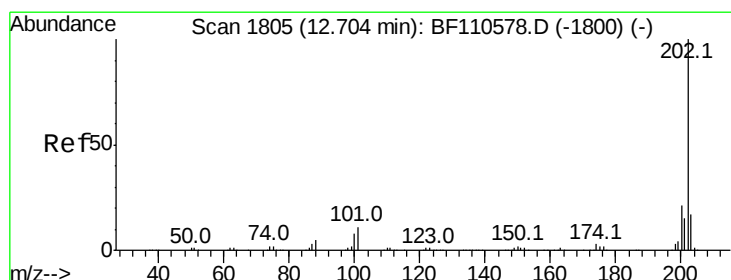
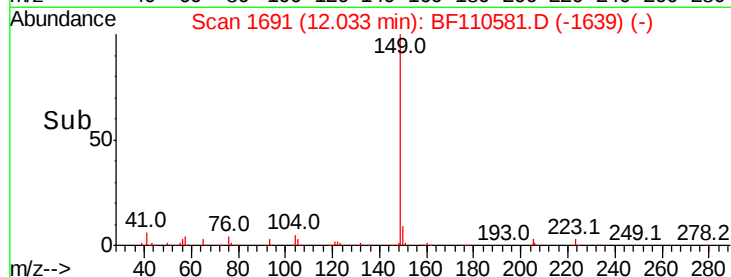
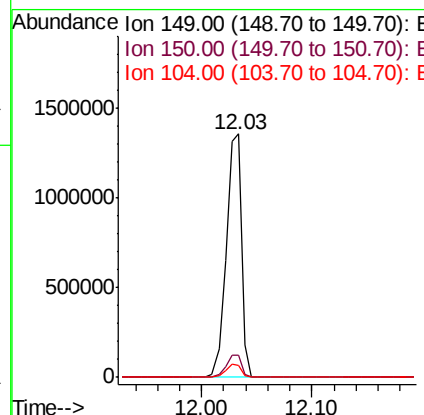
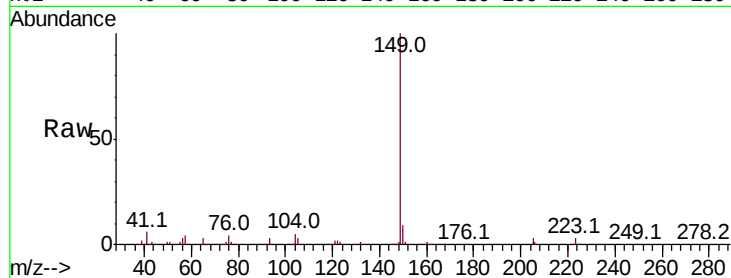
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.4

Manual Integrations
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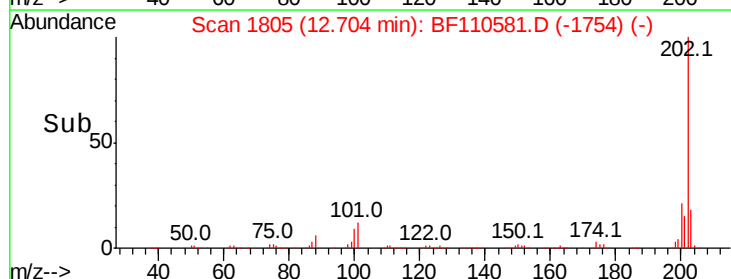
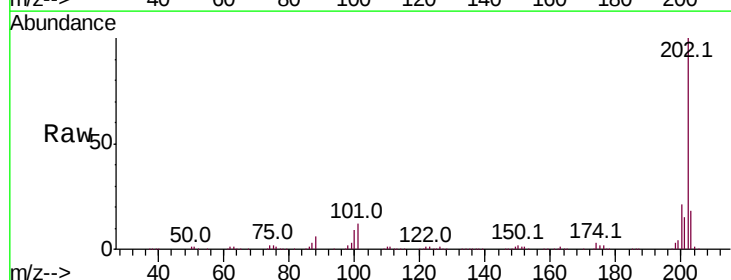
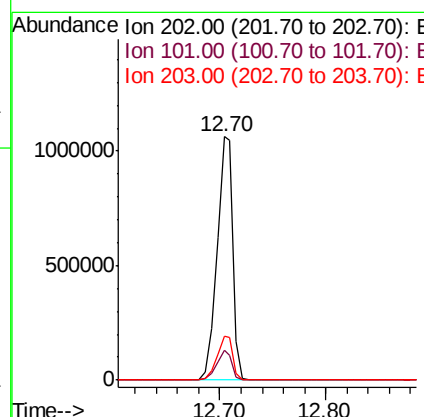
Sohil

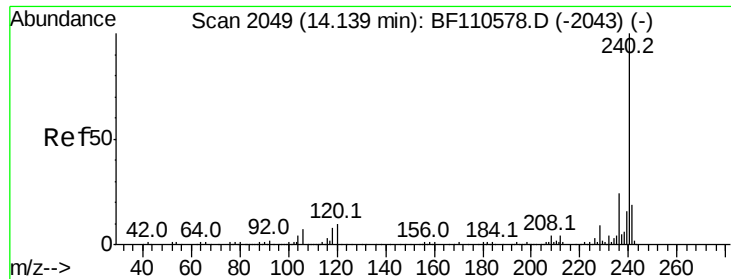
11/9/2018 4:26:05 PM



#75
Fluoranthene
Concen: 73.265 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	18.0	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Instrument :

BNA_F

ClientSampleId :

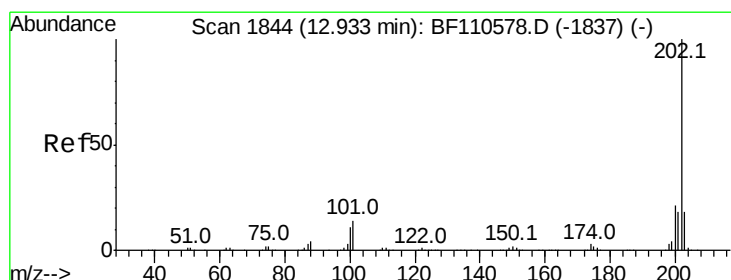
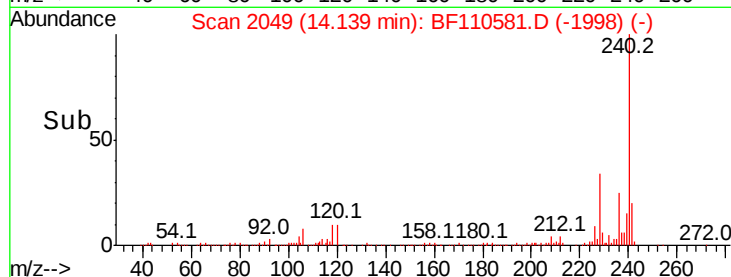
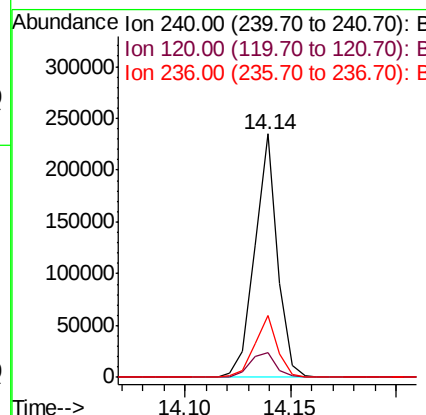
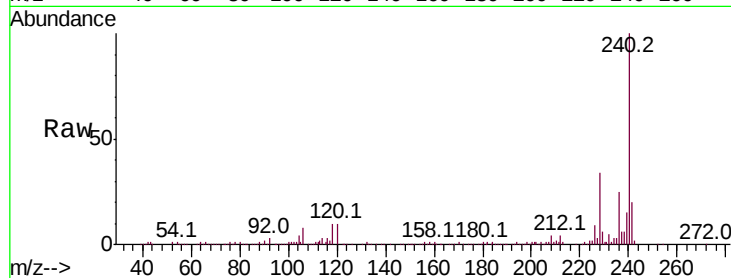
SSTDICC080

Tot Ion:	240	Resp:	175118
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.3	12.5
236	25.4	21.2	31.8

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#78

Pyrene

Concen: 90.645 ng

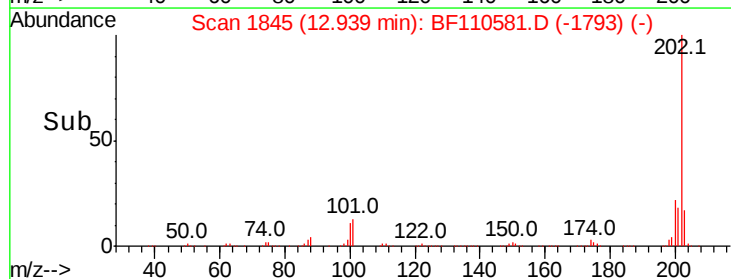
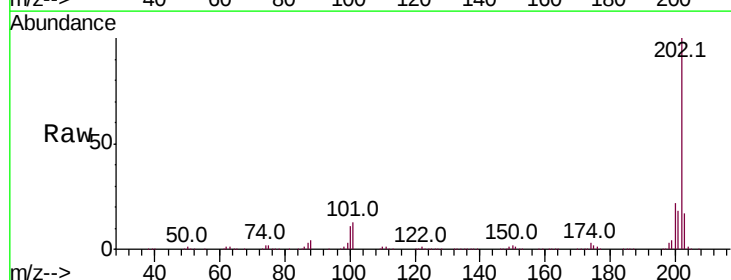
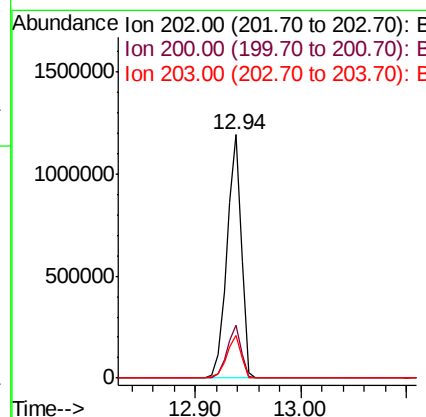
RT: 12.94 min Scan# 1845

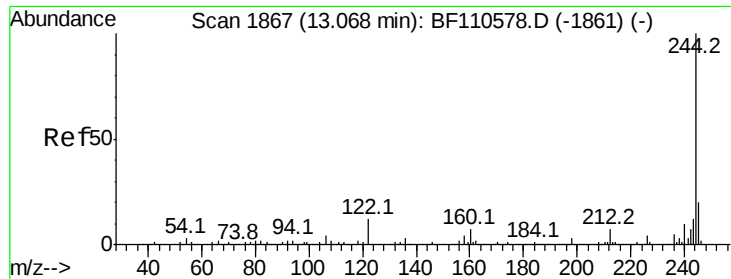
Delta R.T. 0.01 min

Lab File: BF110581.D

Acq: 8 Nov 2018 13:29

Tgt Ion:	202	Resp:	1137999
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.3	14.2	21.4





#79
 Terphenyl-d14
 Concen: 175.539 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

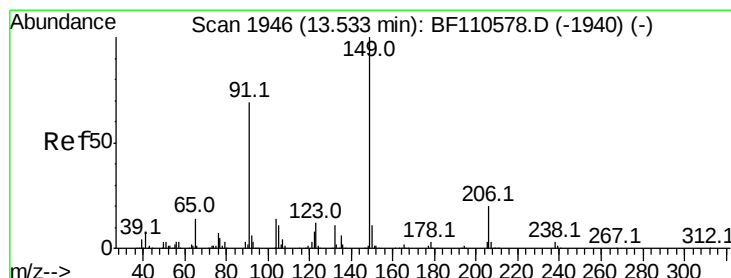
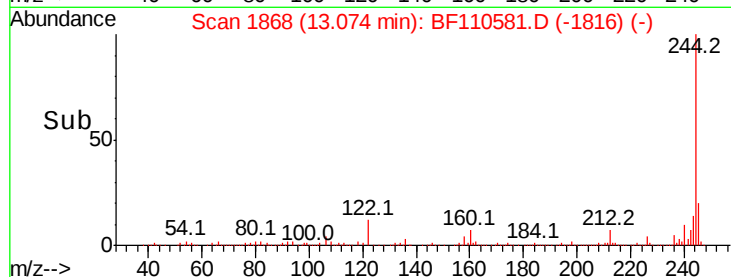
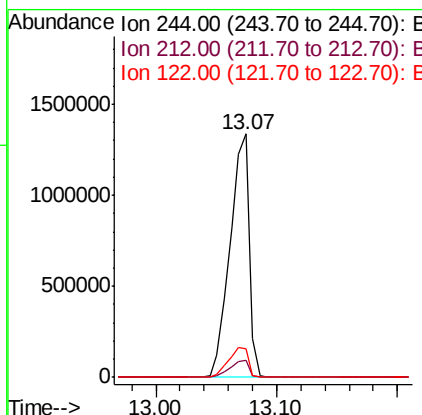
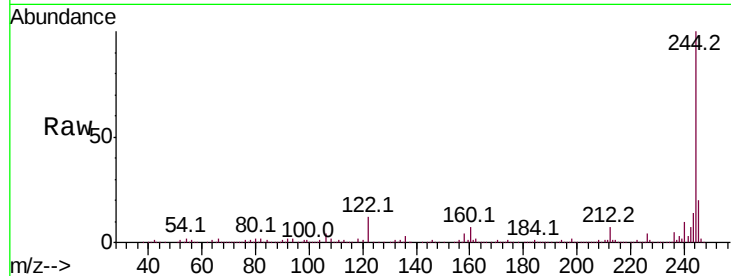
Tot Ion:244 Resp: 1478089

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.8	8.7	13.1

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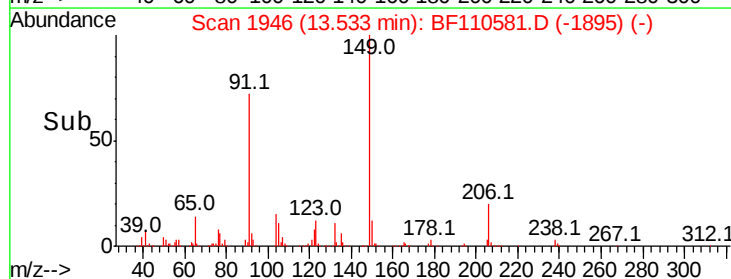
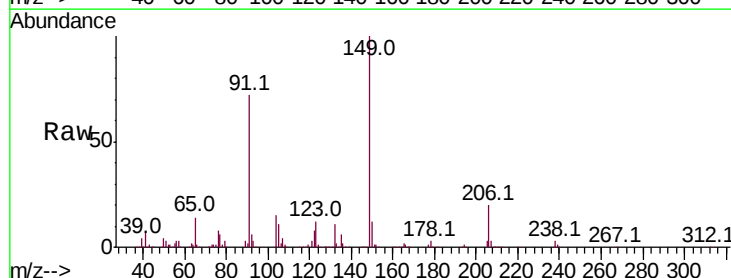
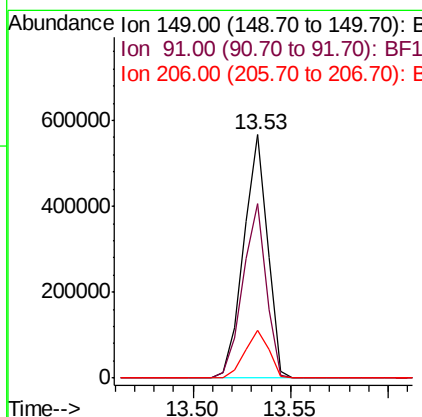
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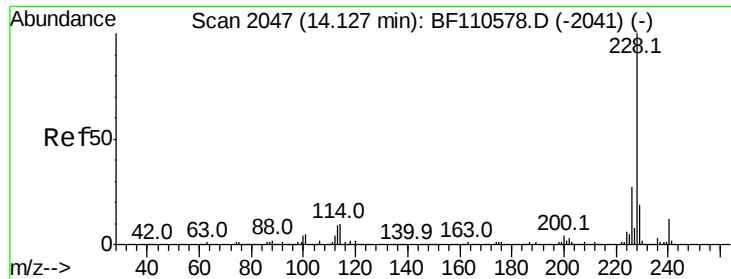


#80
 Butylbenzylphthalate
 Concen: 88.368 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

Tgt Ion:149 Resp: 481534

Ion	Ratio	Lower	Upper
149	100		
91	71.7	57.2	85.8
206	19.6	15.7	23.5





#81
Benzo(a)anthracene
Concen: 79.013 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

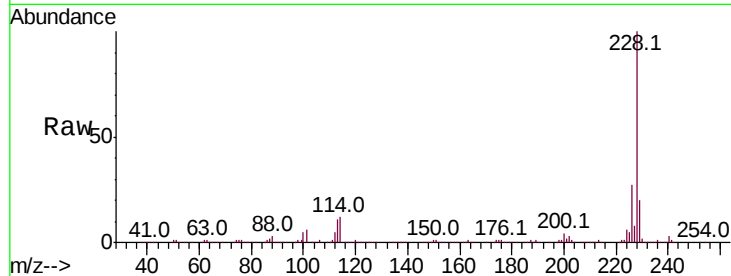
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	228	Resp:	820540
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.1	33.1
229	20.3	15.6	23.4

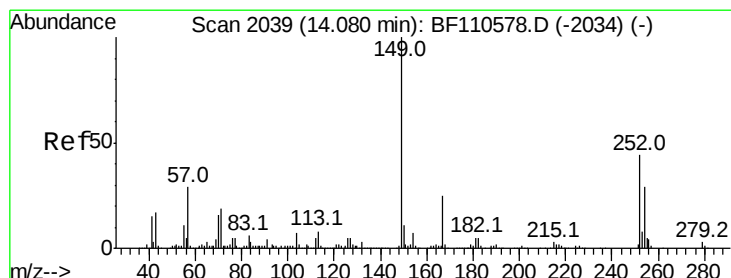
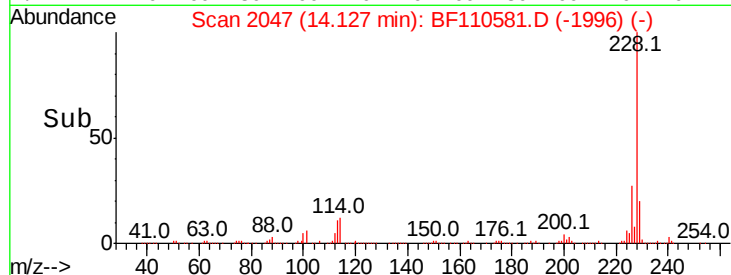
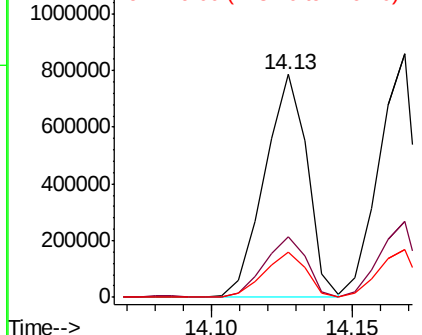
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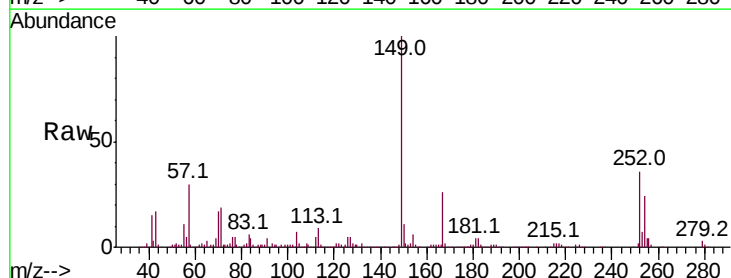


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

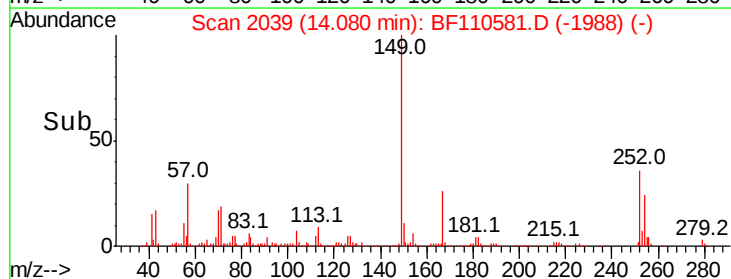
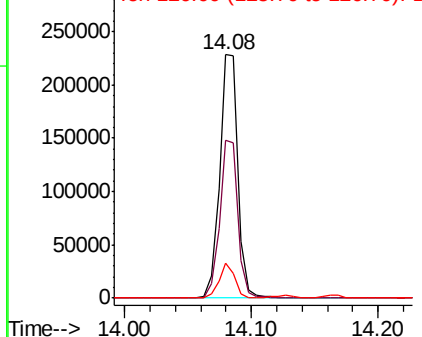


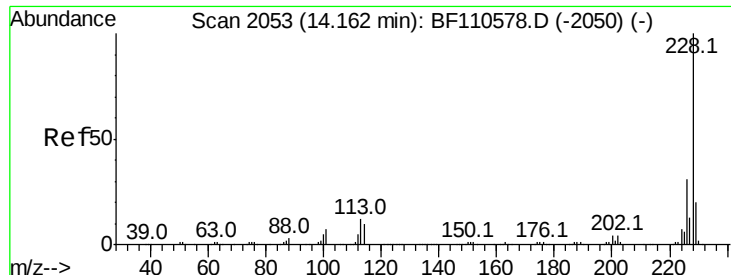
#82
3,3'-Dichlorobenzidine
Concen: 63.732 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:	252	Resp:	230468
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.3	76.9
126	14.3	9.4	14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 77.540 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

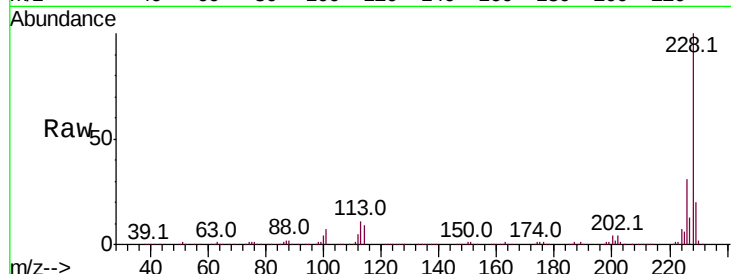
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	19.7	15.9	23.9

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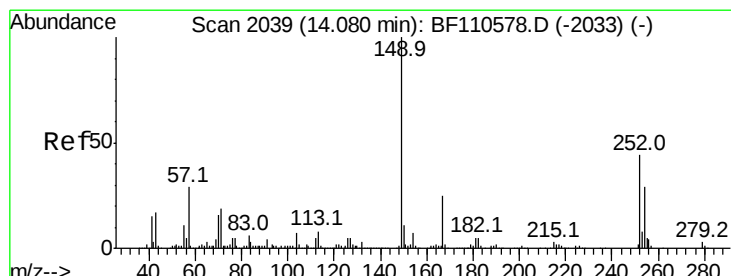
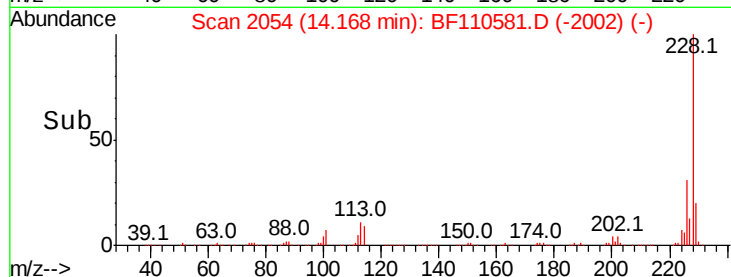
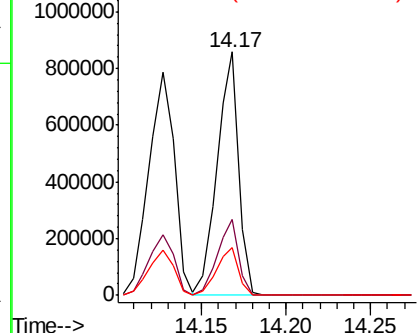


Abundance

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



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 78.009 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF110581.D
 Acq: 8 Nov 2018 13:29

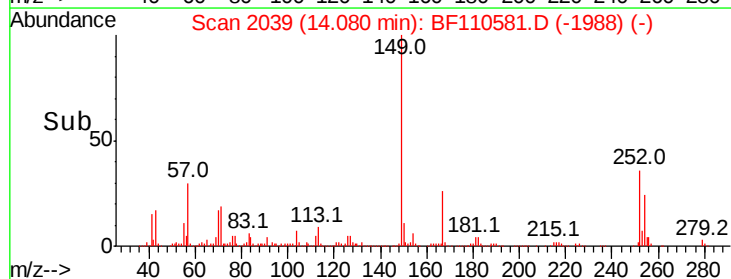
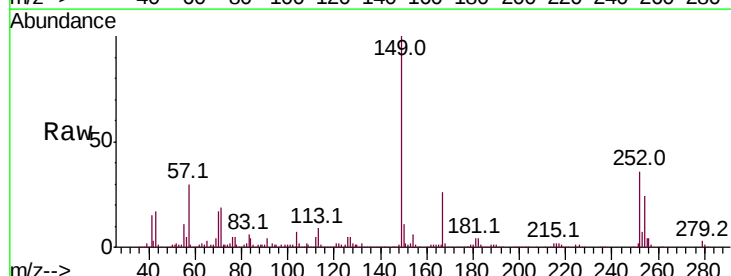
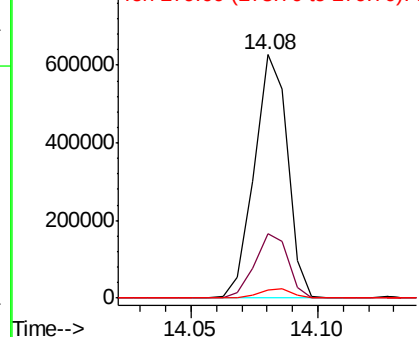
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.4	2.7	4.1

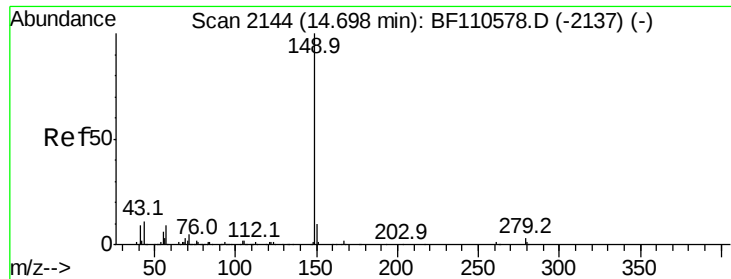
Abundance

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





#85
Di-n-octyl phthalate
Concen: 74.852 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

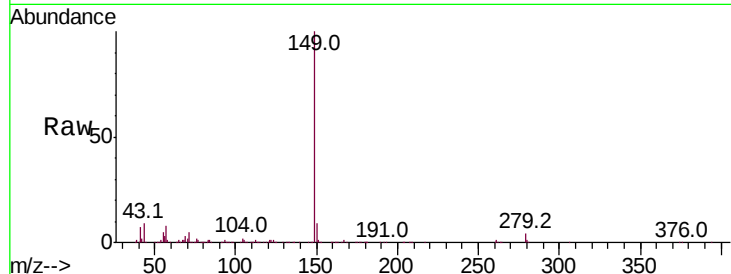
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.6	7.8	11.8	

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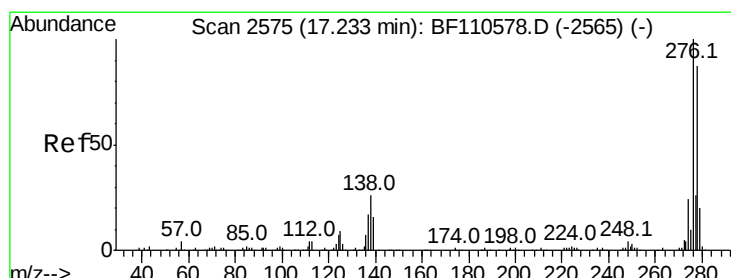
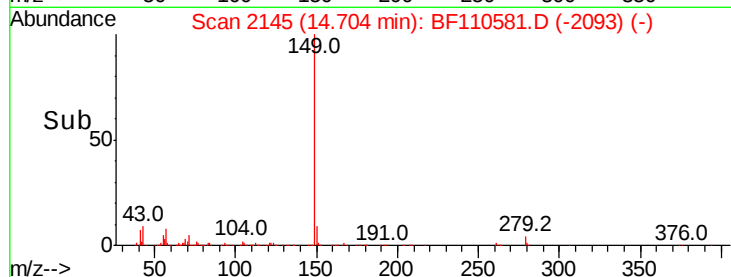
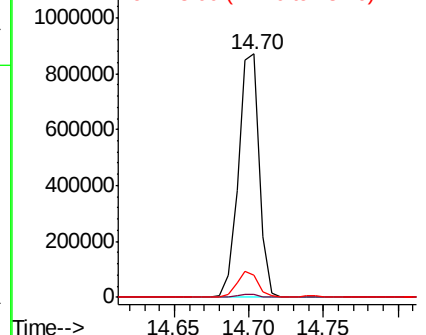


Abundance

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



#86
Indeno(1,2,3-cd)pyrene
Concen: 82.807 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

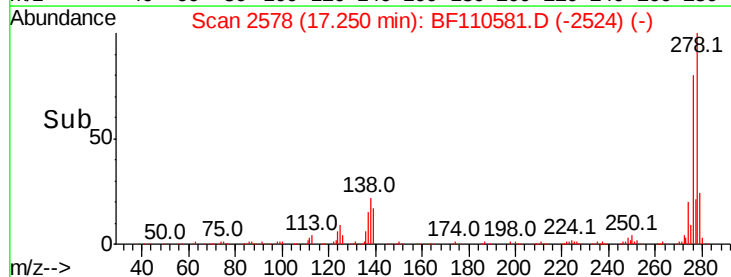
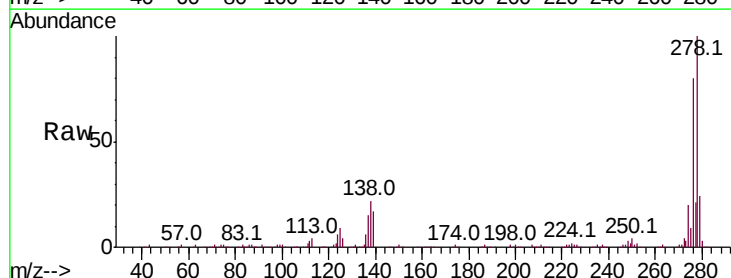
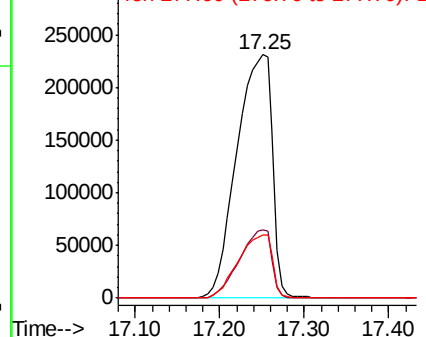
Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.4	18.5	27.7	
277	25.1	20.0	30.0	

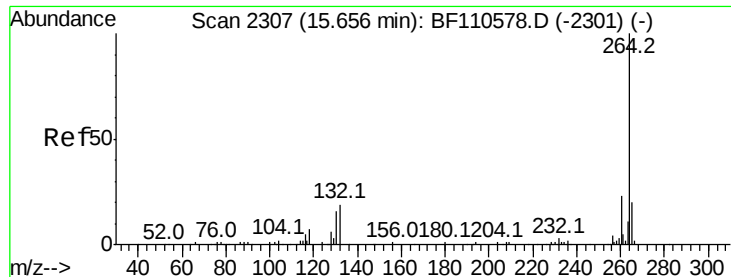
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

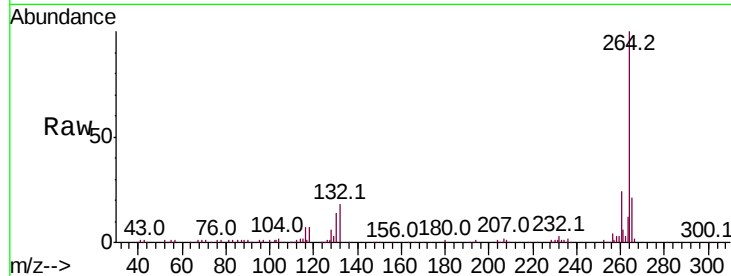
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.1	16.7	25.1

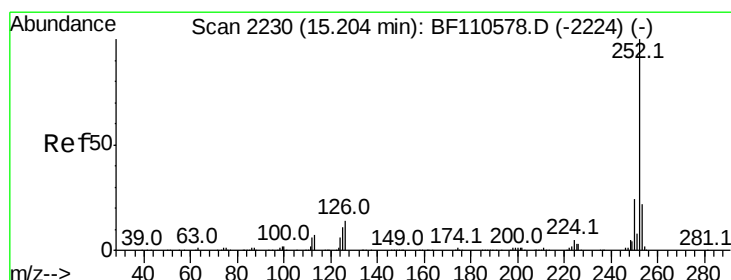
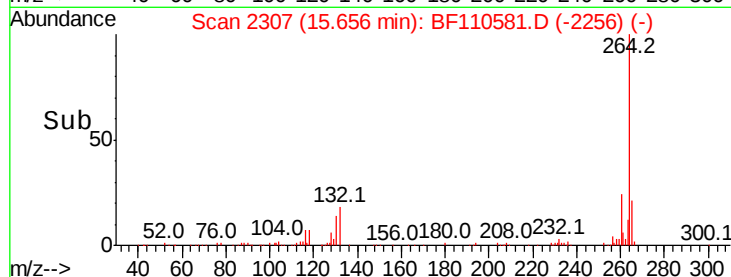
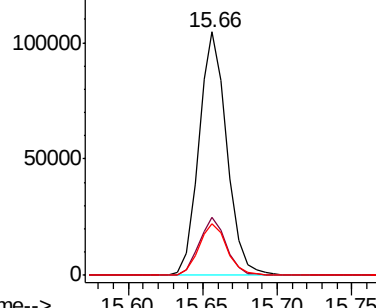
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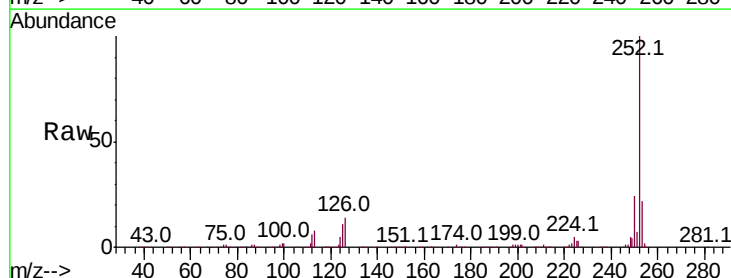


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

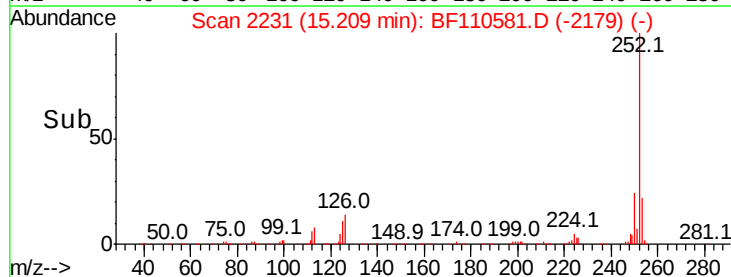
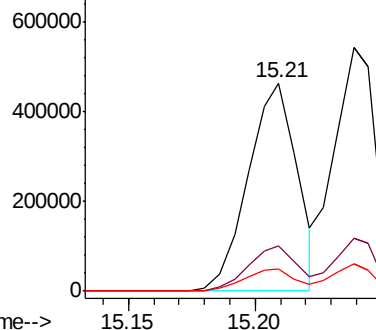


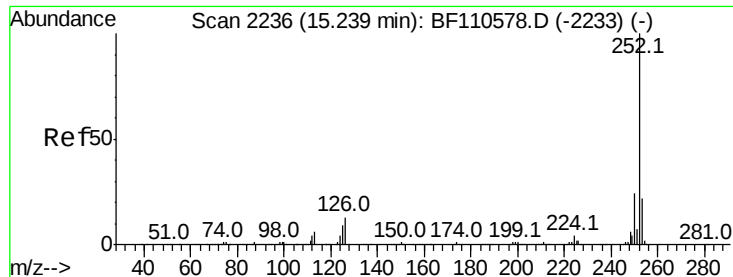
#88
Benzo(b)fluoranthene
Concen: 78.534 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(k)fluoranthene
Concen: 79.126 ng/mL
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

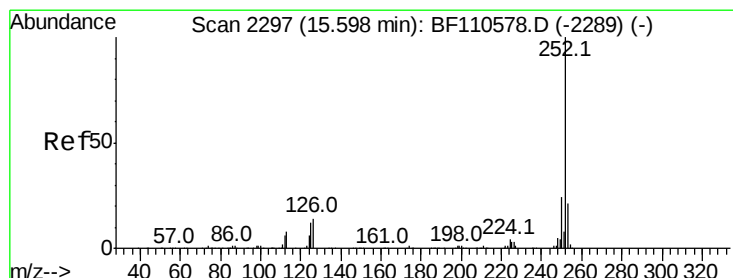
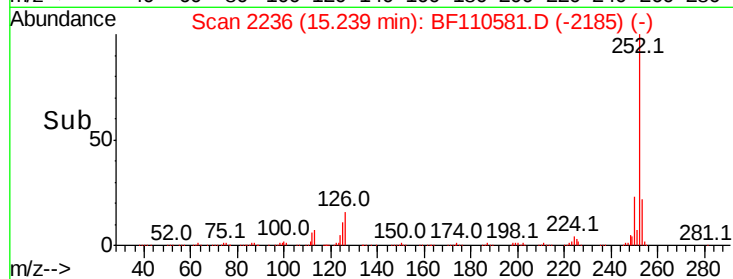
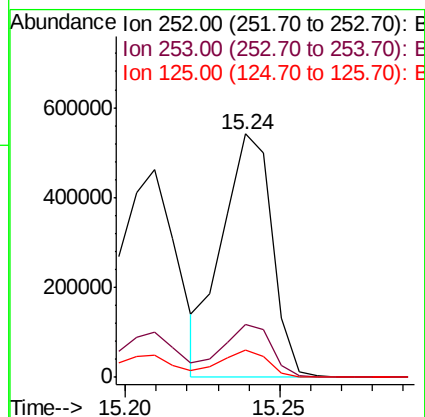
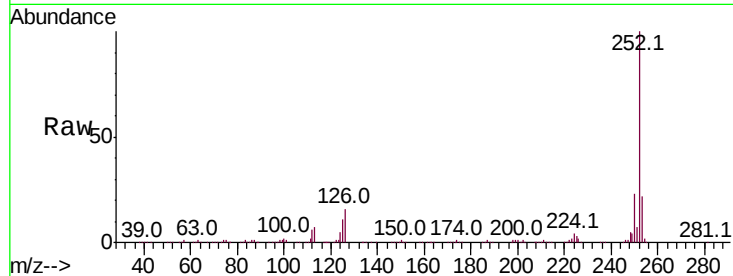
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.3	7.4	11.0

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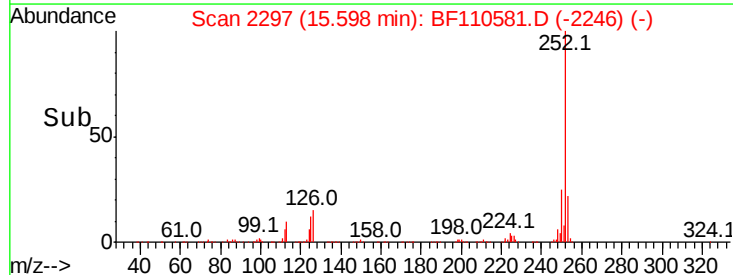
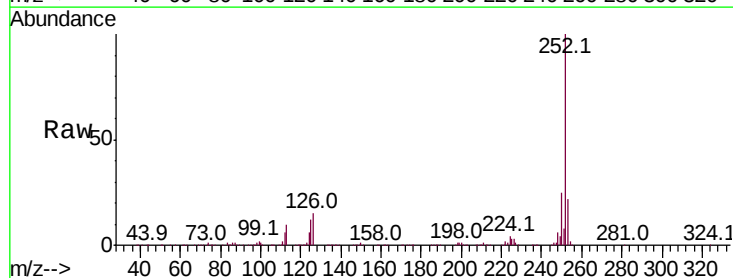
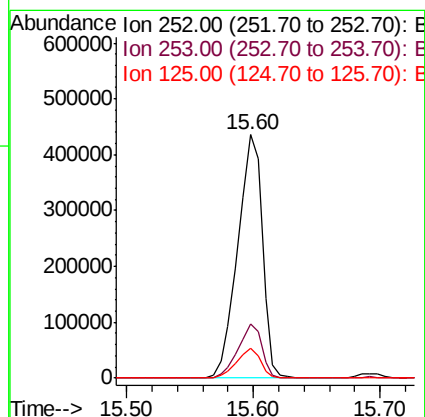
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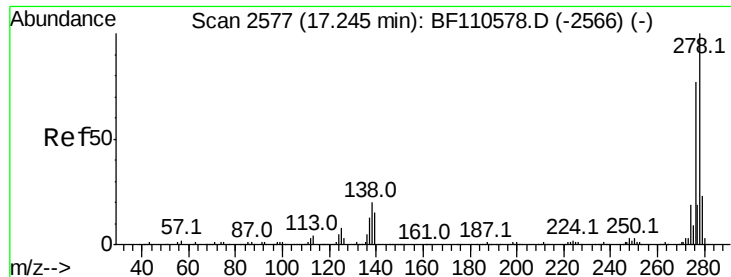
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#90
Benzo(a)pyrene
Concen: 80.388 ng/mL
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.1	9.0	13.6





#91
Dibenzo(a,h)anthracene
Concen: 88.361 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

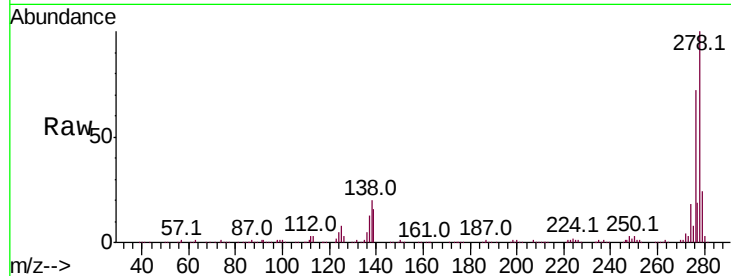
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:278	Resp:	555151
Ion Ratio	Lower	Upper
278	100	
139	15.9	12.7 19.1
279	23.7	19.0 28.4

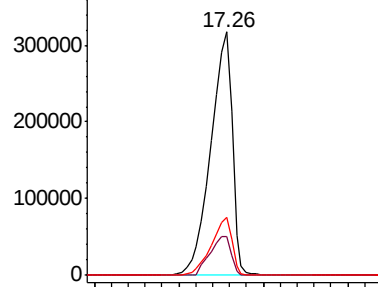
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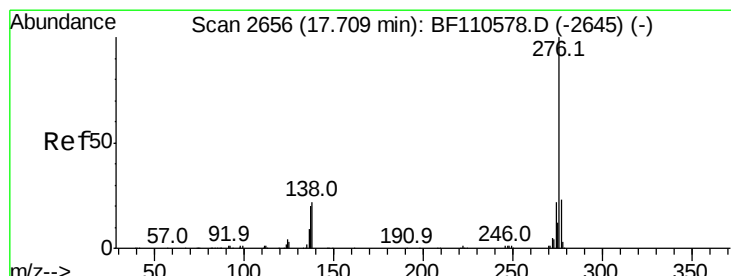
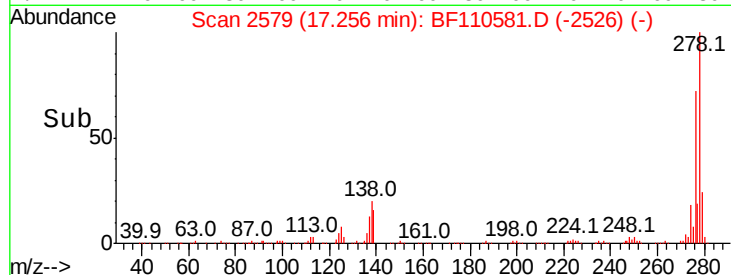
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

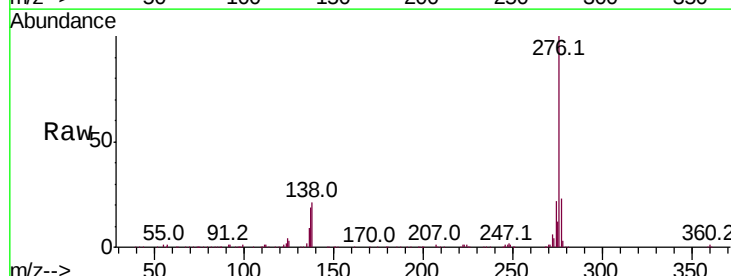


Time--> 17.10 17.20 17.30 17.40

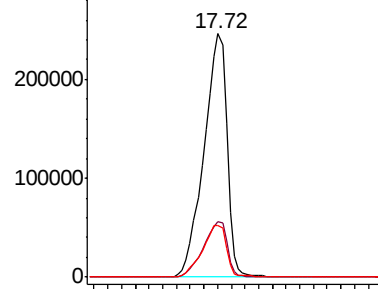


#92
Benzo(g,h,i)perylene
Concen: 92.529 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110581.D
Acq: 8 Nov 2018 13:29

Tgt Ion:276	Resp:	572857
Ion Ratio	Lower	Upper
276	100	
277	23.0	18.8 28.2
138	21.1	16.0 24.0



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



Time--> 17.60 17.70 17.80 17.90

