

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112432.D
 Acq On : 7 Feb 2019 12:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 2/11/2019 4:49:47 PM

Quant Time: Feb 09 03:12:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147471	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	566012	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	283616	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	548387	20.00	ng	0.00
76) Chrysene-d12	14.00	240	426546	20.00	ng	0.00
87) Perylene-d12	15.47	264	331789	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	680654	98.04	ng	-0.01
7) Phenol-d6	6.49	99	835621	86.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	792353	80.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	267902	81.15	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1546650	77.13	ng	-0.01
79) Terphenyl-d14	12.95	244	1746006	77.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	143164	51.763	ng	95
3) Pyridine	3.36	79	353563	50.255	ng	98
4) n-Nitrosodimethylamine	3.31	42	149803	50.681	ng	# 91
6) Aniline	6.50	93	496645	43.276	ng	# 66
8) 2-Chlorophenol	6.63	128	391460	41.912	ng	99
9) Benzaldehyde	6.39	77	204806	40.616	ng	97
10) Phenol	6.50	94	454857	42.974	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	343875	41.267	ng	98
12) 1,3-Dichlorobenzene	6.77	146	438490	40.312	ng	98
13) 1,4-Dichlorobenzene	6.85	146	448077	40.026	ng	98
14) 1,2-Dichlorobenzene	7.00	146	415449	39.638	ng	95
15) Benzyl Alcohol	6.98	79	325051	39.969	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	420959	39.345	ng	69
17) 2-Methylphenol	7.10	107	293249	39.607	ng	92
18) Hexachloroethane	7.35	117	155410	39.534	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	261529	39.314	ng	97
20) 3+4-Methylphenols	7.25	107	391613	41.362	ng	93
22) Acetophenone	7.25	105	547608	39.732	ng	# 96
24) Nitrobenzene	7.42	77	392256	39.983	ng	94
25) Isophorone	7.66	82	610914	39.643	ng	98
26) 2-Nitrophenol	7.73	139	220973	42.147	ng	91
27) 2,4-Dimethylphenol	7.77	122	290928	40.275	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	421790	40.197	ng	98
29) 2,4-Dichlorophenol	7.99	162	330819	40.925	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	373186	40.163	ng	98
31) Naphthalene	8.14	128	1065761	40.264	ng	98
32) Benzoic acid	7.92	122	188732m	45.804	ng	
33) 4-Chloroaniline	8.19	127	468048	40.610	ng	99
34) Hexachlorobutadiene	8.26	225	211323	38.756	ng	99
35) Caprolactam	8.57	113	117494	41.202	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	340423	39.781	ng	100
37) 2-Methylnaphthalene	8.83	142	717389	39.590	ng	97
38) 1-Methylnaphthalene	8.93	142	685326	39.459	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	360723	38.737	ng	98

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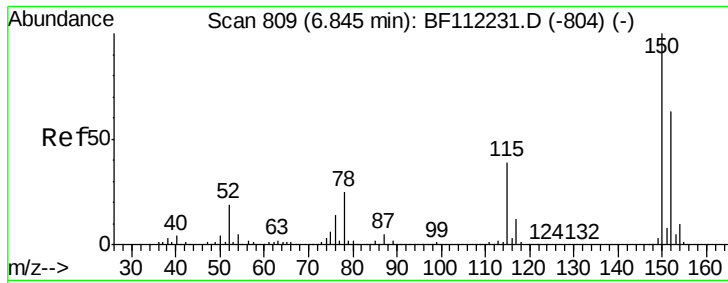
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	100580	34.618	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	229992	40.068	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	239407	39.907	nq	98
46) 1,1'-Biphenyl	9.29	154	973533	39.264	nq	99
47) 2-Chloronaphthalene	9.32	162	756618	39.351	nq	97
48) 2-Nitroaniline	9.42	65	216898	41.388	nq	94
49) Acenaphthylene	9.73	152	1109040	39.353	nq	99
50) Dimethylphthalate	9.59	163	850784	38.610	nq	99
51) 2,6-Dinitrotoluene	9.66	165	196397	39.796	nq	97
52) Acenaphthene	9.91	154	667080	39.624	nq	100
53) 3-Nitroaniline	9.83	138	219092	40.978	nq	91
54) 2,4-Dinitrophenol	9.95	184	58482	36.925	nq	87
55) Dibenzofuran	10.08	168	1003240	38.996	nq	96
56) 4-Nitrophenol	10.02	139	105172	37.207	nq	96
57) 2,4-Dinitrotoluene	10.07	165	253245	40.308	nq	# 82
58) Fluorene	10.42	166	772282	40.114	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187835	41.432	nq	94
60) Diethylphthalate	10.29	149	843274	38.562	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	404554	38.630	nq	94
62) 4-Nitroaniline	10.45	138	218040	41.577	nq	94
63) Azobenzene	10.57	77	753624	39.185	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	115901	37.696	nq	89
66) n-Nitrosodiphenylamine	10.53	169	739091	39.989	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	250512	38.840	nq	96
68) Hexachlorobenzene	10.98	284	271762	39.273	nq	96
69) Atrazine	11.06	200	209587	35.144	nq	97
70) Pentachlorophenol	11.18	266	111282	41.329	nq	96
71) Phenanthrene	11.39	178	1115732	39.135	nq	99
72) Anthracene	11.44	178	1136776	40.028	nq	99
73) Carbazole	11.59	167	1142050	40.768	nq	98
74) Di-n-butylphthalate	11.91	149	1305402	37.542	nq	99
75) Fluoranthene	12.57	202	1175406	38.439	nq	99
77) Benzidine	12.69	184	433744	36.946	nq	97
78) Pyrene	12.80	202	1209646	40.961	nq	99
80) Butylbenzylphthalate	13.41	149	542929	37.999	nq	97
81) Benzo(a)anthracene	14.00	228	1001518	39.942	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	366922	39.101	nq	99
83) Chrysene	14.03	228	937465	39.167	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	721925	35.595	nq	98
85) Di-n-octyl phthalate	14.57	149	1065993	34.162	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	696515	36.725	nq	98
88) Benzo(b)fluoranthene	15.04	252	757092	38.155	nq	99
89) Benzo(k)fluoranthene	15.07	252	792314	41.687	nq	98
90) Benzo(a)pyrene	15.41	252	711289	39.839	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	584050	40.589	nq	98
92) Benzo(g,h,i)perylene	17.40	276	568899	41.906	nq	96

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



#1

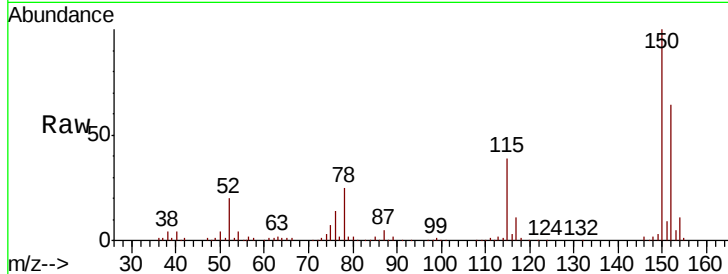
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	60.4	45.5	68.3

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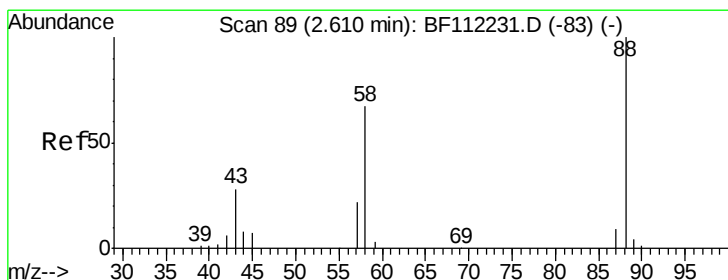
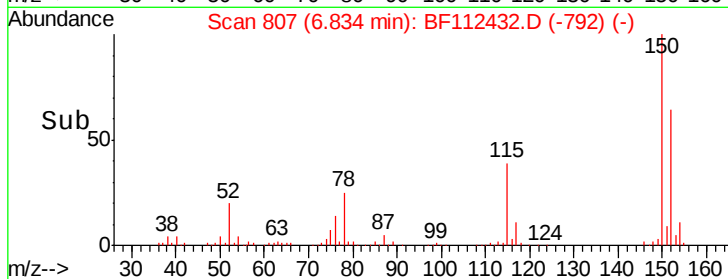
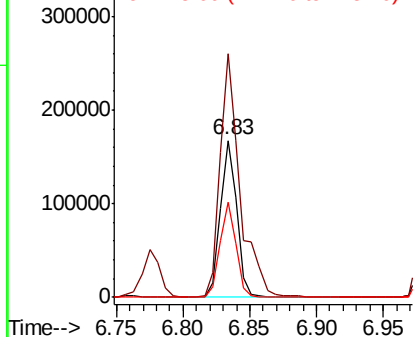


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

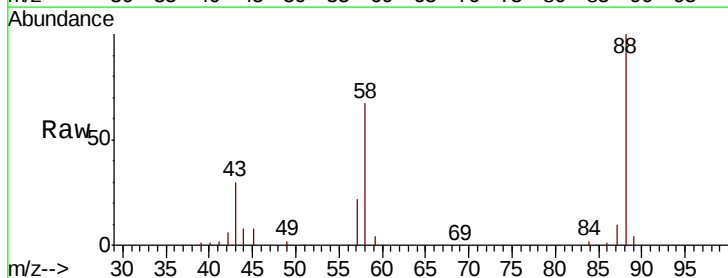
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.763 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	57.4	86.2
43	29.0	22.2	33.4

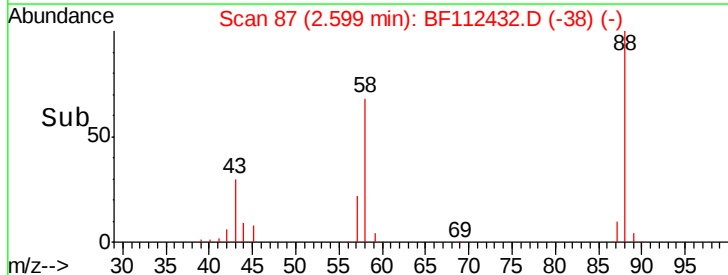
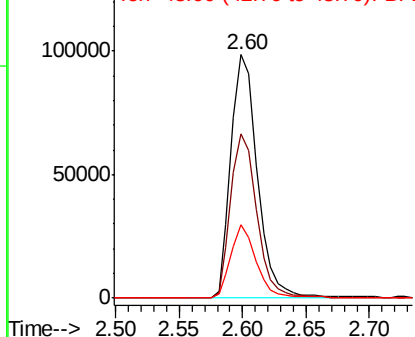


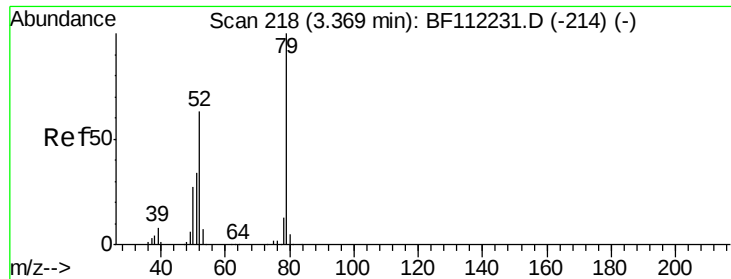
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.255 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

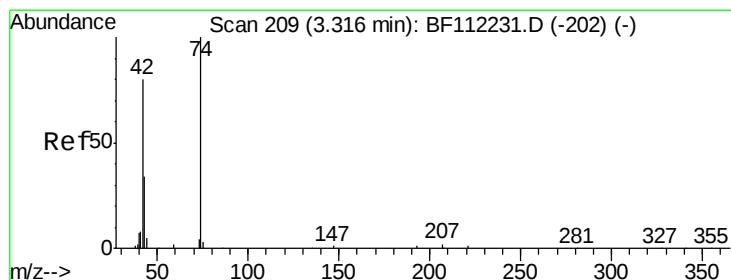
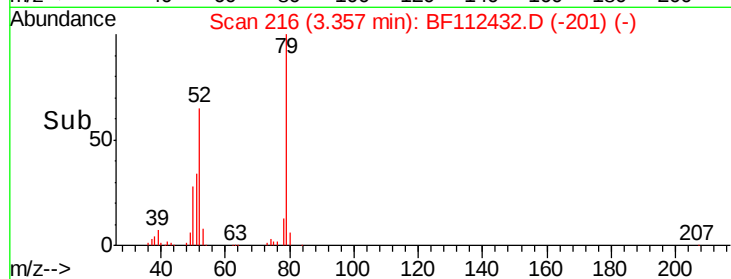
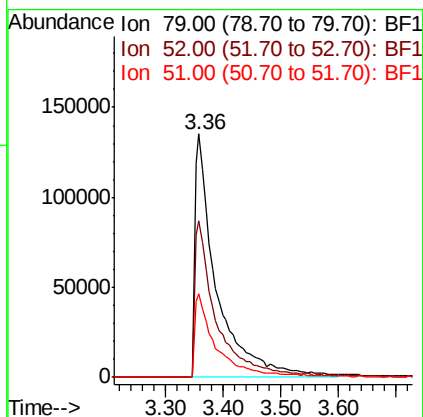
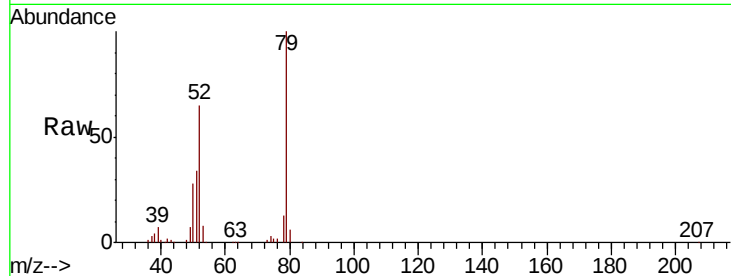
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	353563
Ion Ratio	Lower	Upper	
79	100		
52	64.5	52.4	78.6
51	34.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 50.681 ng

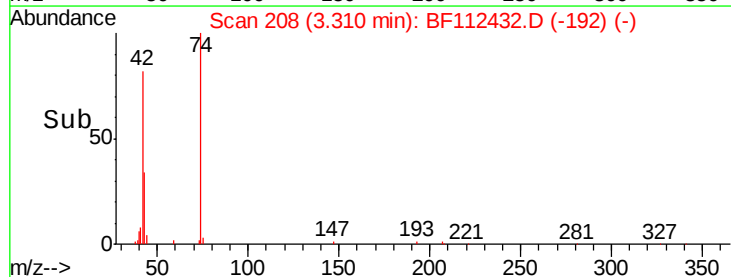
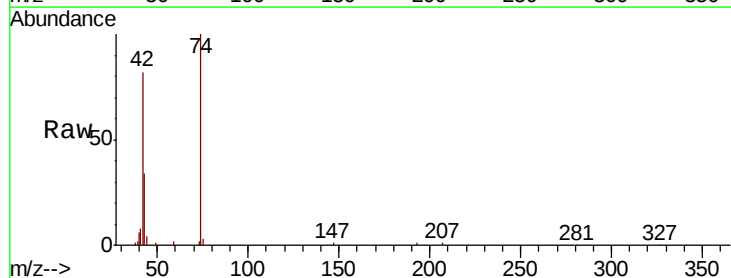
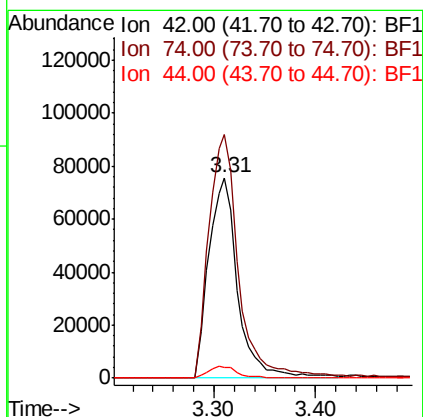
RT: 3.31 min Scan# 208

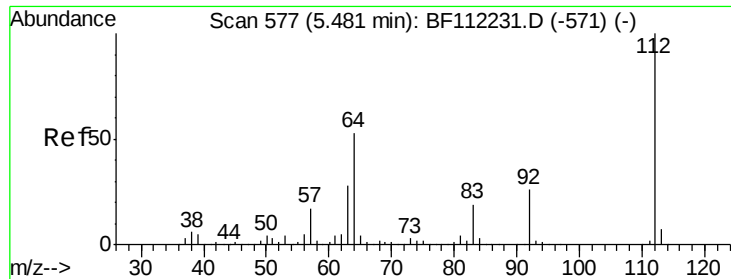
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	42	Resp:	149803
Ion Ratio	Lower	Upper	
42	100		
74	121.4	105.6	158.4
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 98.036 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

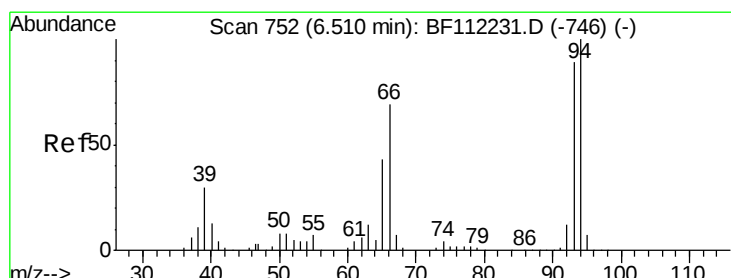
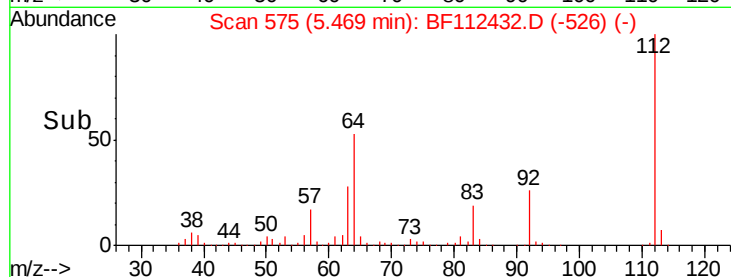
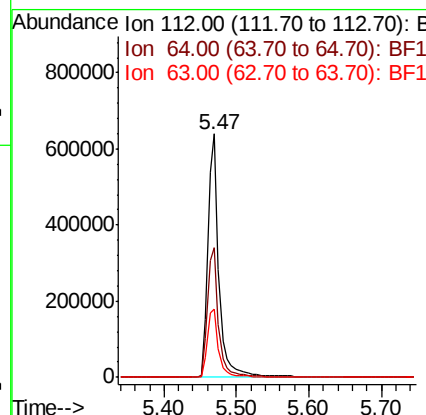
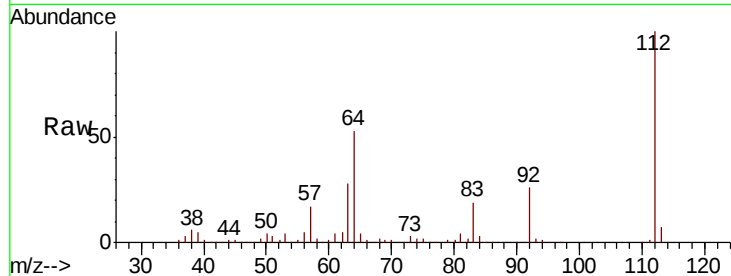
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	680654
Ion Ratio	Lower	Upper	
112	100		
64	53.2	45.7	68.5
63	28.2	23.6	35.4

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#6

Aniline

Concen: 43.276 ng

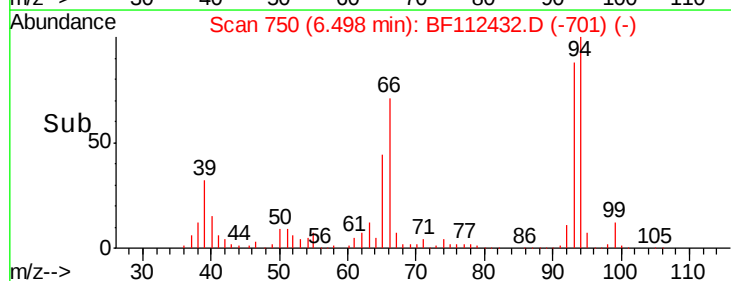
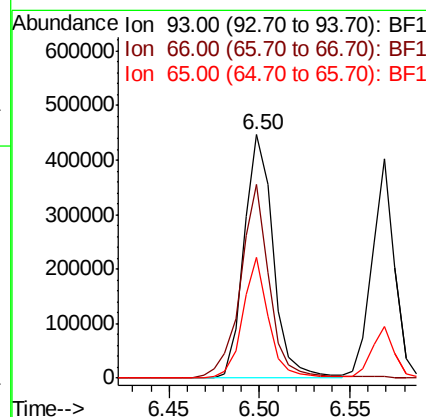
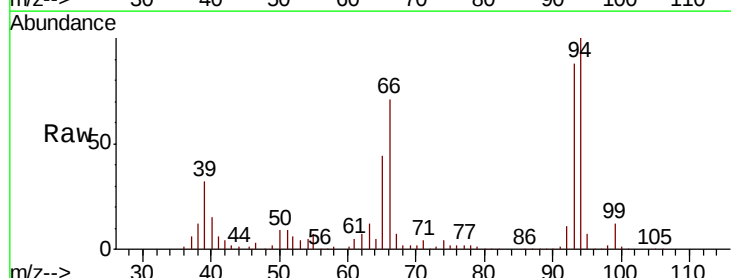
RT: 6.50 min Scan# 750

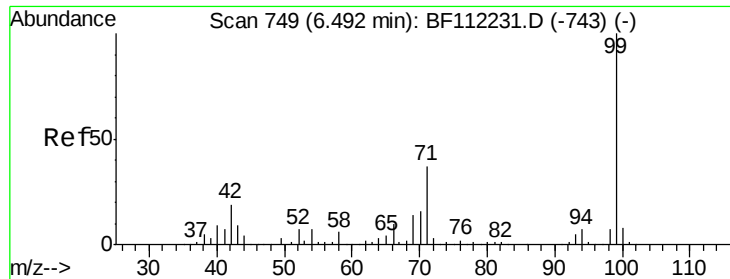
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	93	Resp:	496645
Ion Ratio	Lower	Upper	
93	100		
66	79.8	43.4	65.2#
65	49.4	25.3	37.9#





#7

Phenol-d6

Concen: 86.616 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

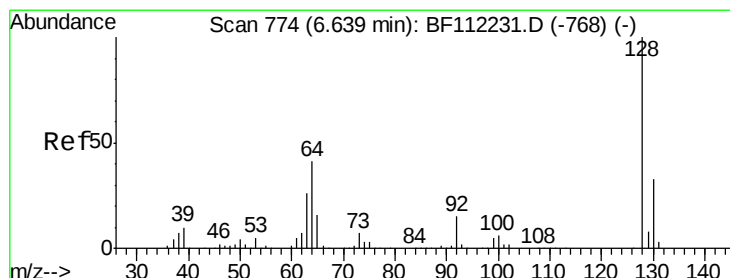
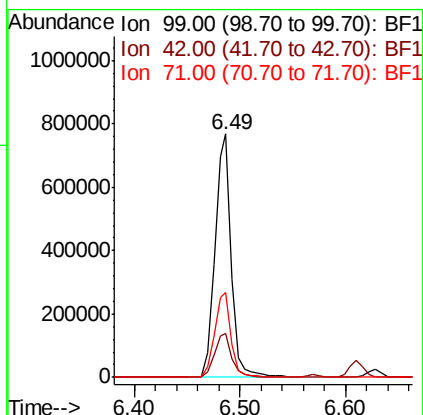
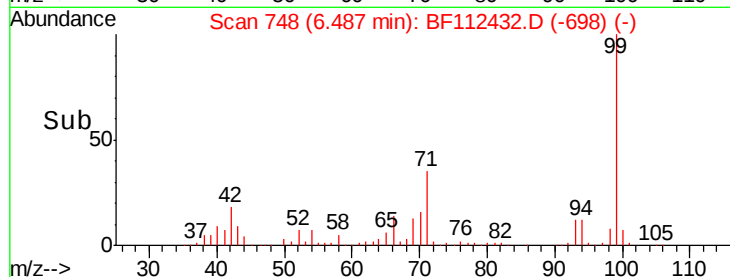
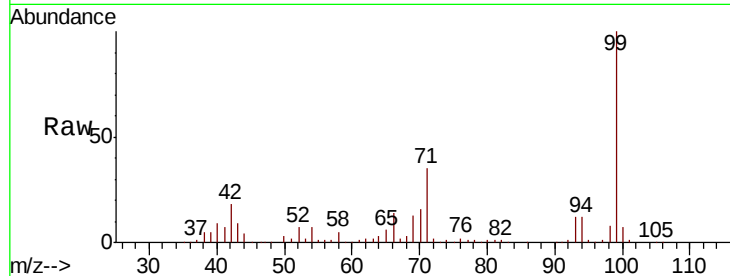
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	835621
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.1	22.7
71	34.9	26.9	40.3

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#8

2-Chlorophenol

Concen: 41.912 ng

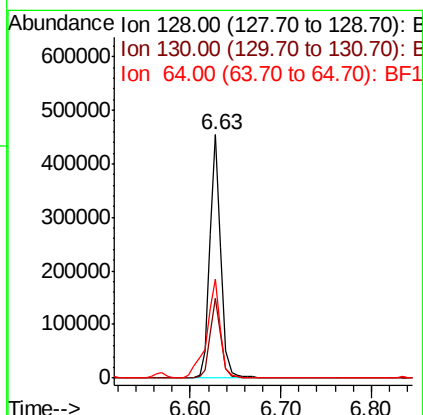
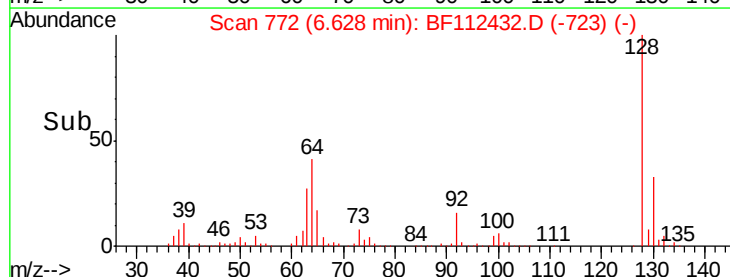
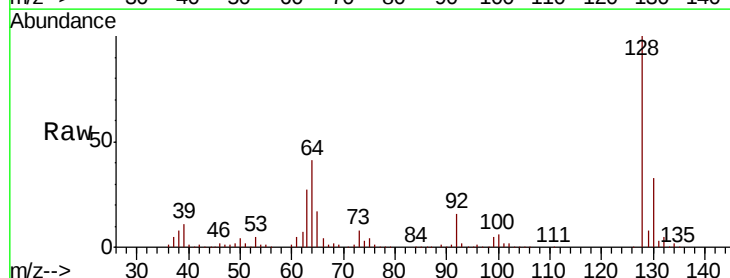
RT: 6.63 min Scan# 772

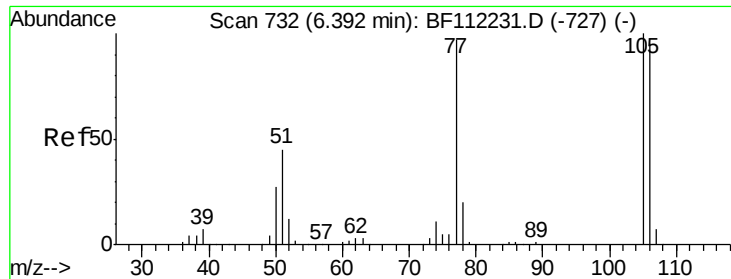
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	128	Resp:	391460
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.4	53.4
64	40.8	20.5	60.5





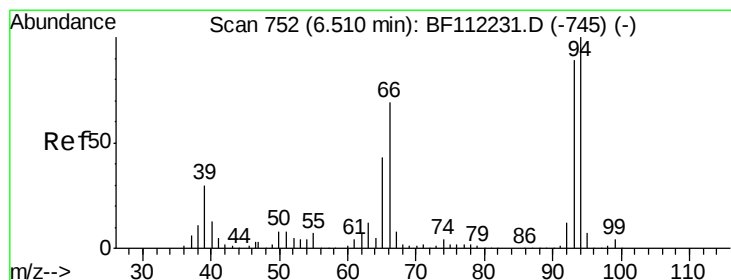
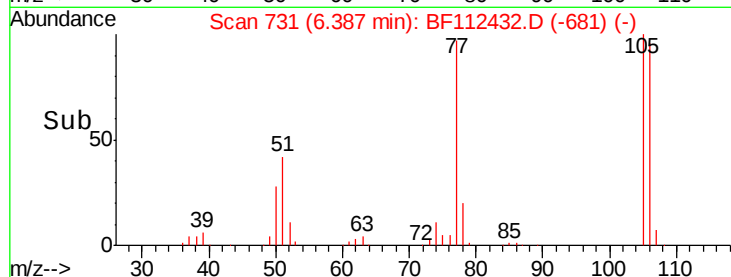
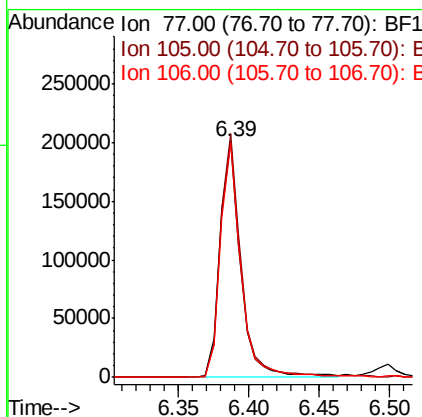
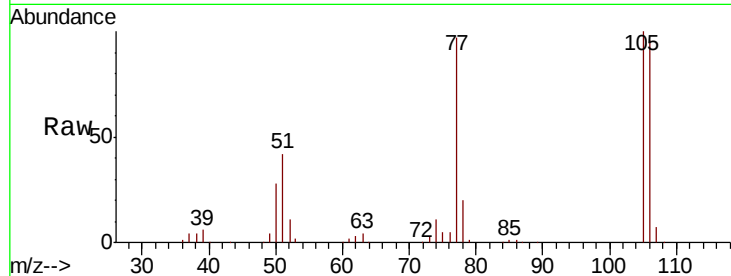
#9
Benzaldehyde
Concen: 40.616 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.3	80.8	120.8
106	99.4	75.7	115.7

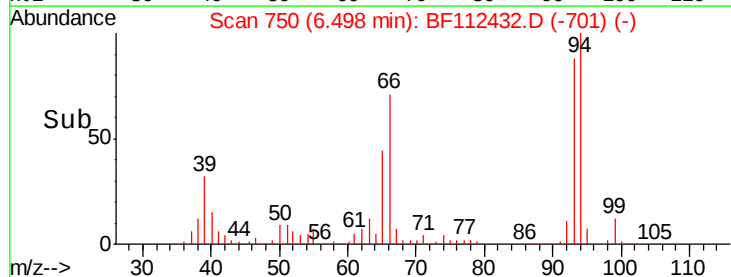
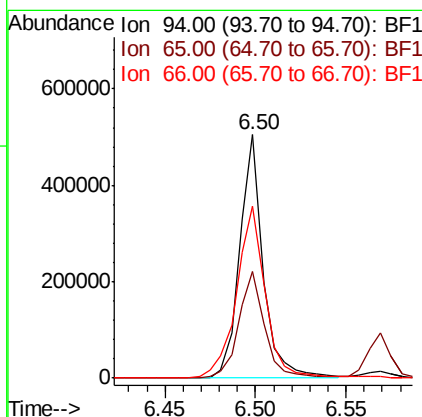
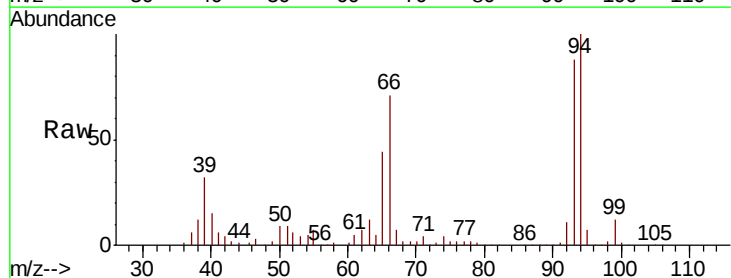
Manual Integrations
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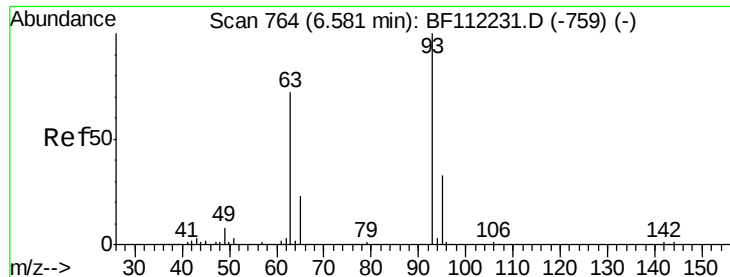
Sohil
2/11/2019 4:49:47 PM



#10
Phenol
Concen: 42.974 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.7	20.3	60.3
66	70.6	42.4	82.4





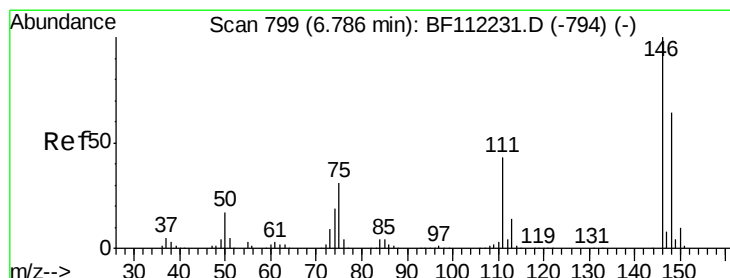
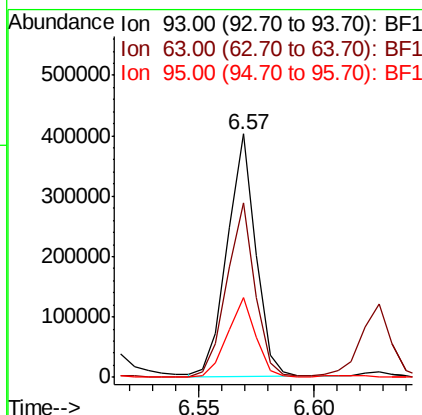
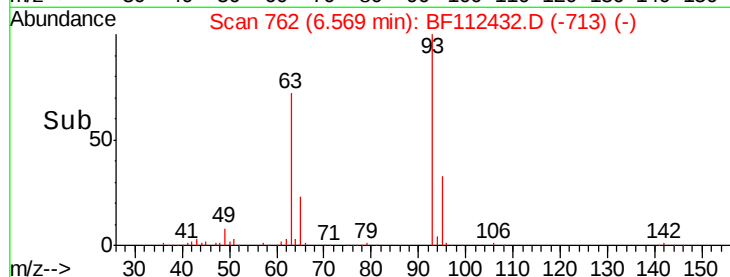
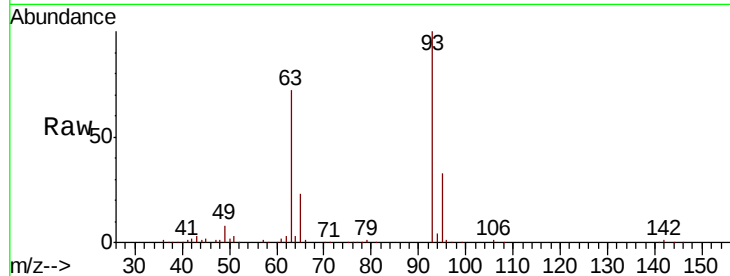
#11
bis(2-Chloroethyl)ether
Concen: 41.267 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	343875
Ion	Ratio	Lower	Upper
93	100		
63	71.7	53.3	93.3
95	32.7	13.4	53.4

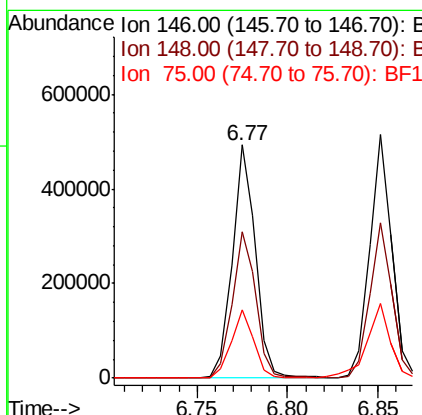
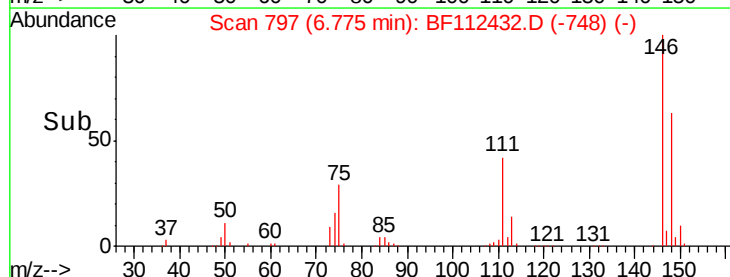
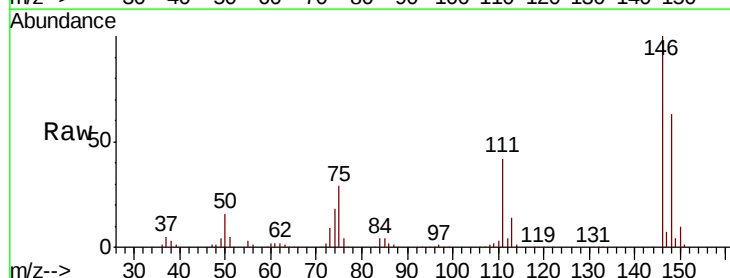
Manual Integrations
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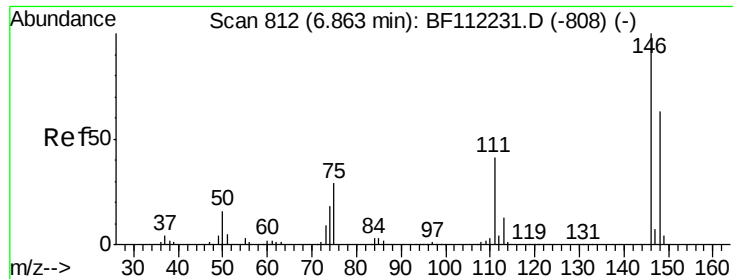
Sohil
2/11/2019 4:49:47 PM



#12
1,3-Dichlorobenzene
Concen: 40.312 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:	146	Resp:	438490
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	29.4	23.1	34.7





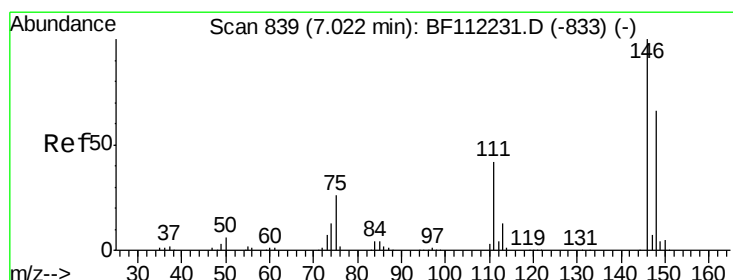
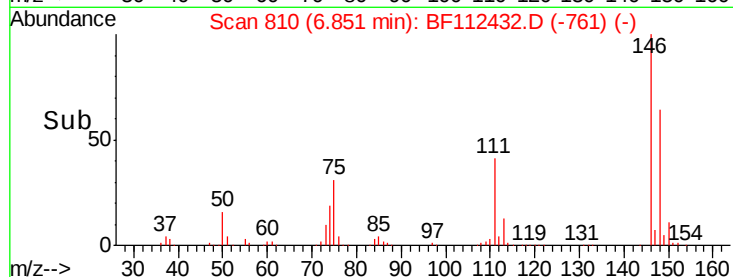
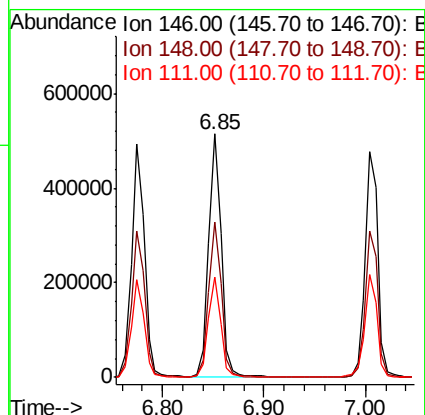
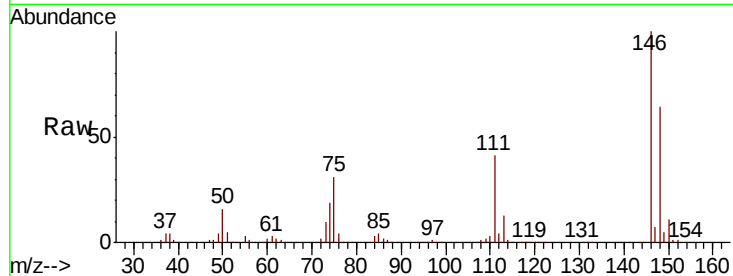
#13
1,4-Dichlorobenzene
Concen: 40.026 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.0	78.0
111	41.1	31.2	46.8

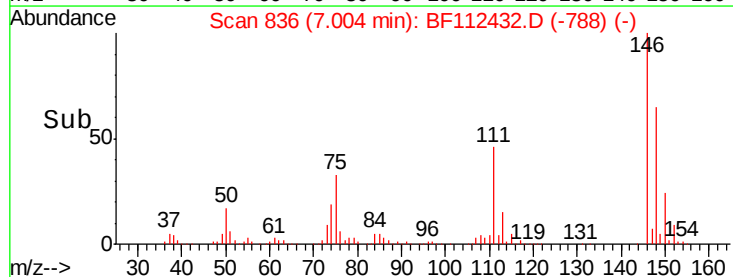
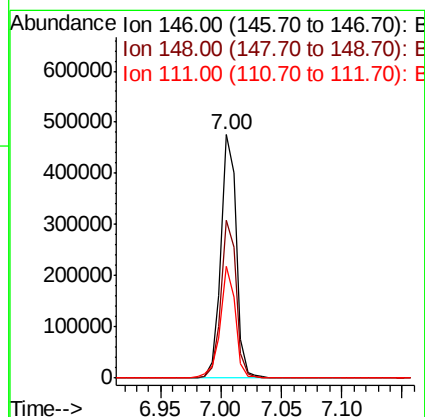
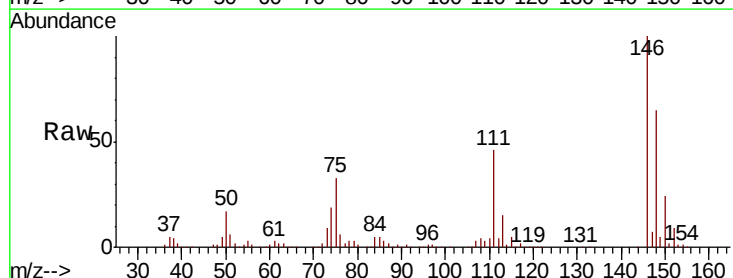
Manual Integrations
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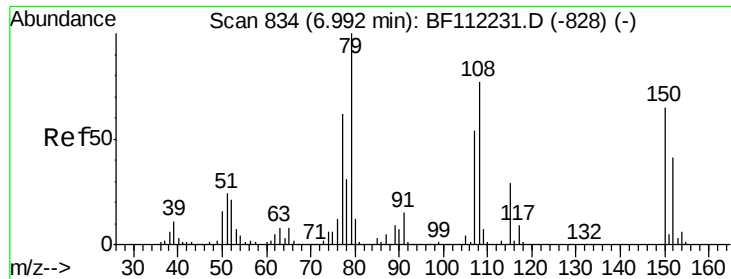
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.638 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	45.8	31.2	46.8





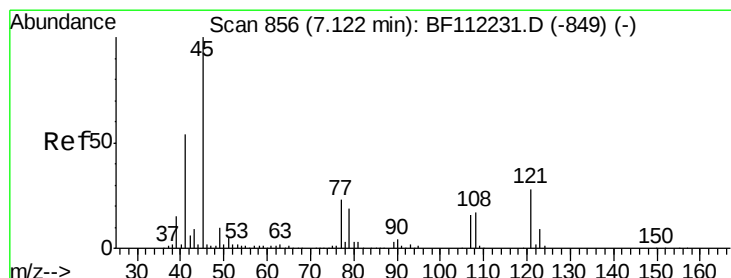
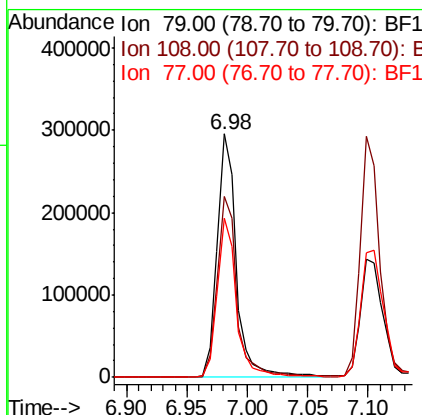
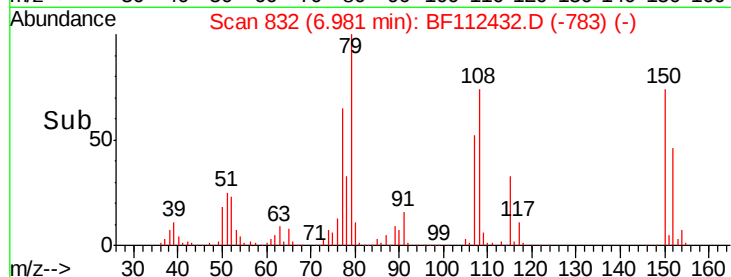
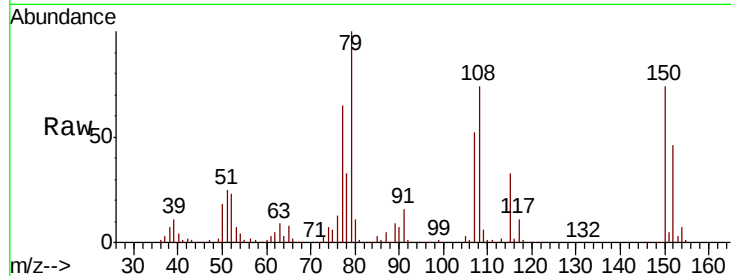
#15
Benzyl Alcohol
Concen: 39.969 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	64.2	96.2
77	65.2	50.3	75.5

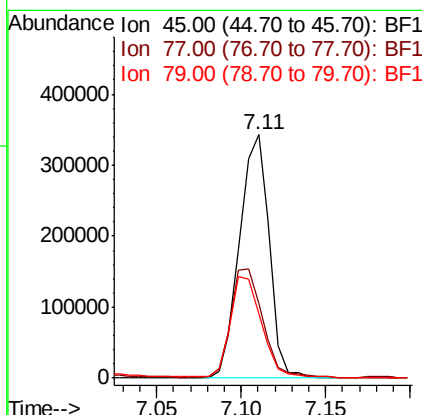
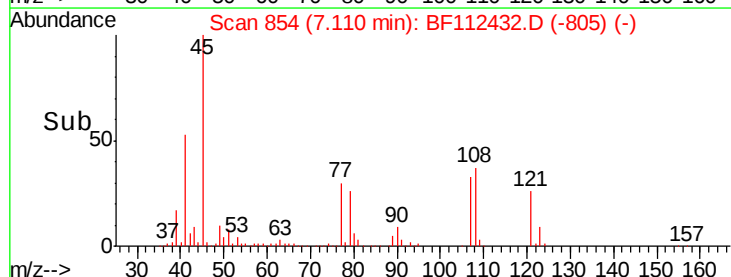
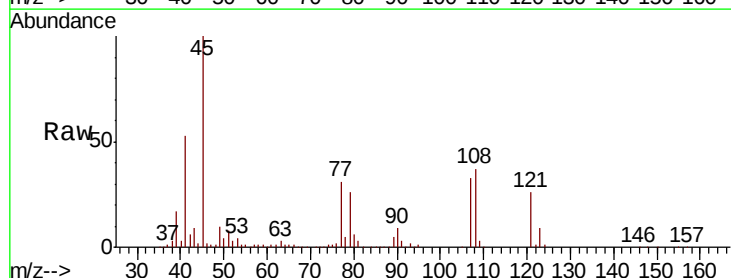
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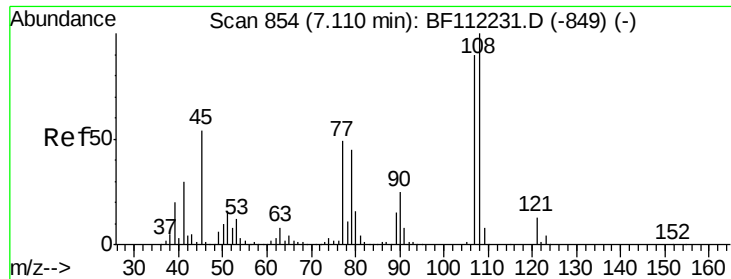
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.345 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	36.9
79	26.2	0.0	34.0





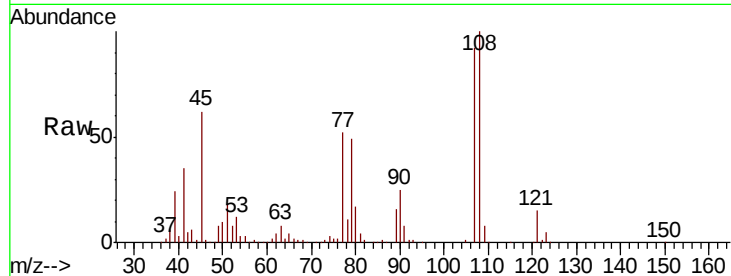
#17
2-Methylphenol
Concen: 39.607 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	91.3	136.9	
77	56.7	39.0	58.6	
79	53.6	37.0	55.4	

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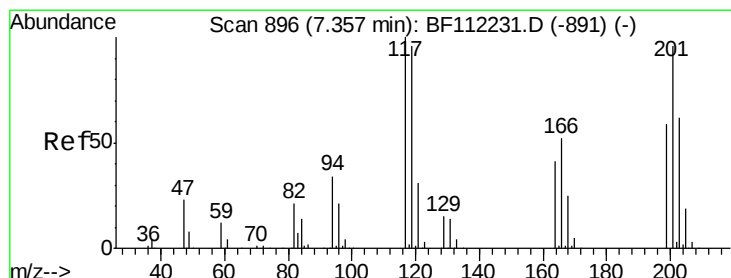
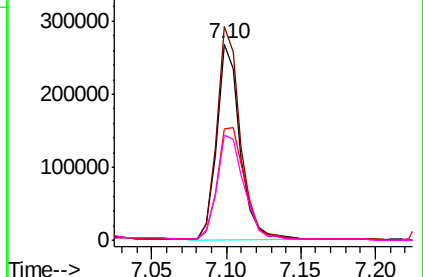
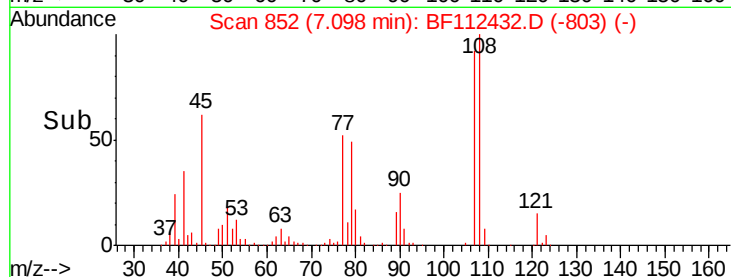
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

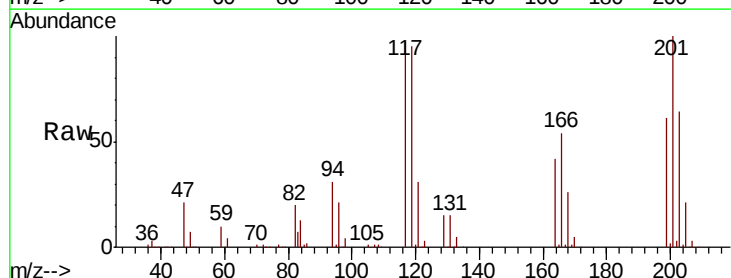
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.534 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	77.0	115.4	
201	103.1	74.1	111.1	

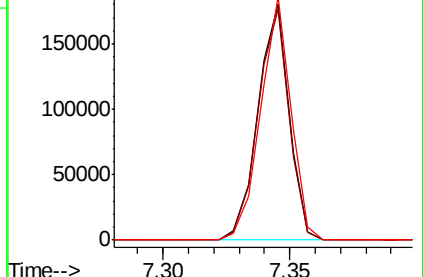
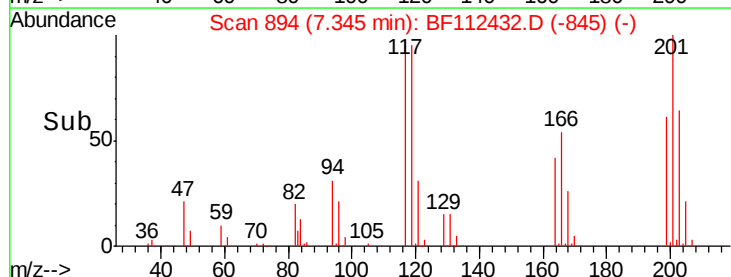


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





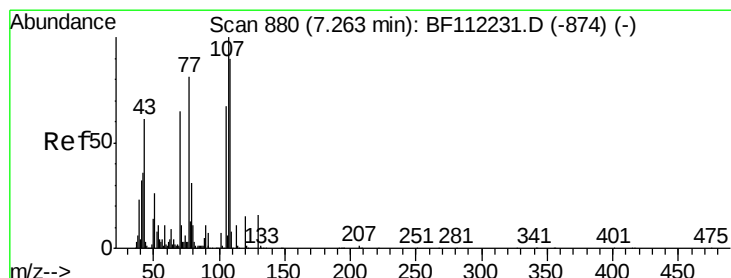
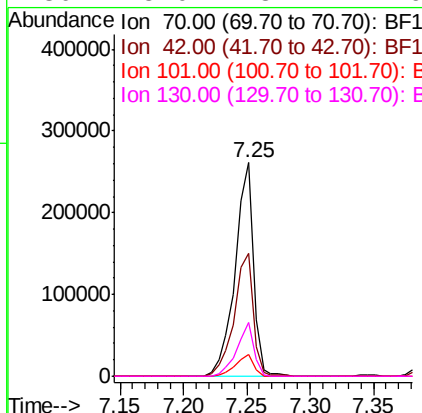
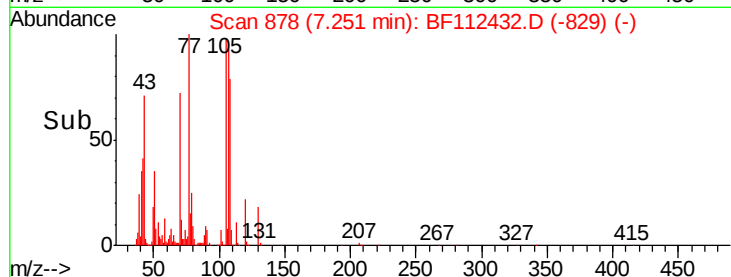
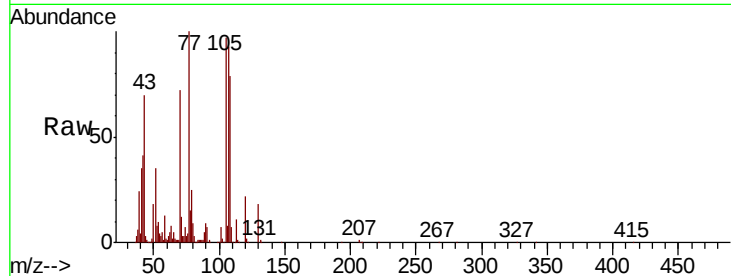
#19
n-Nitroso-di-n-propylamine
Concen: 39.314 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.6	71.4
101	10.3	7.9	11.9
130	25.0	18.4	27.6

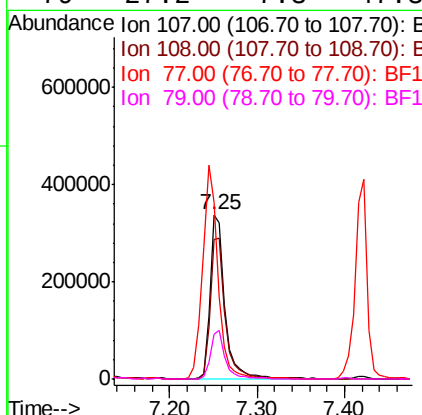
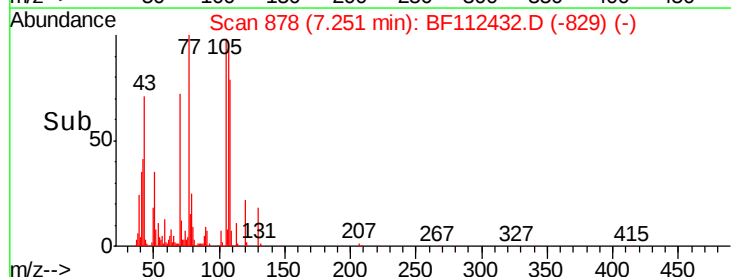
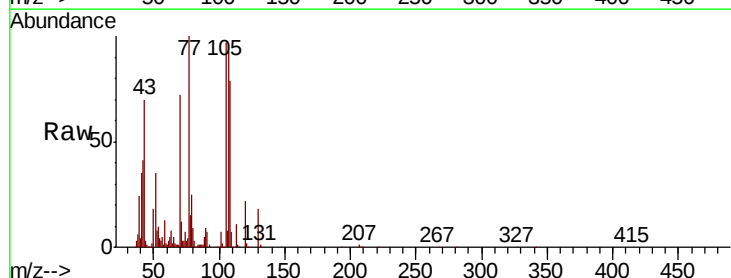
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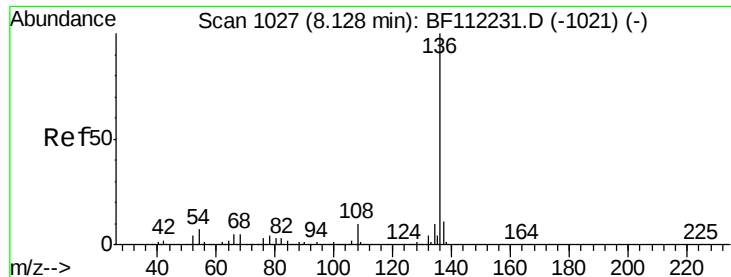
Sohil
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#20
3+4-Methylphenols
Concen: 41.362 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.2	108.2
77	107.7	100.7	140.7
79	27.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

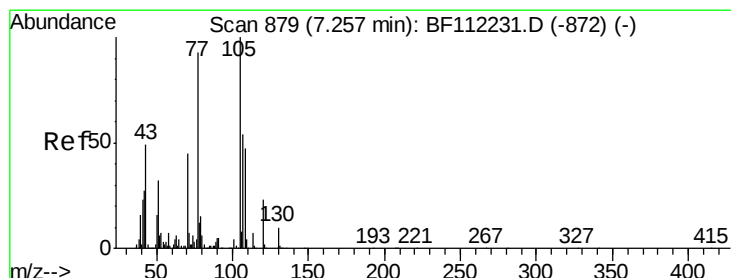
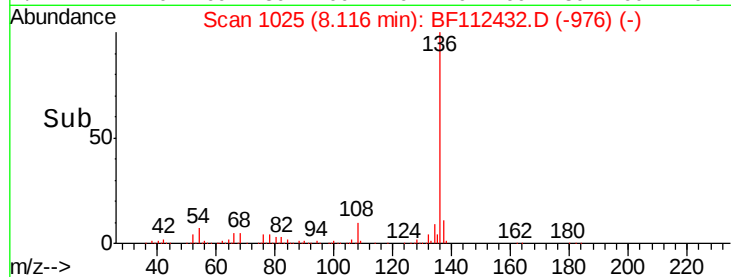
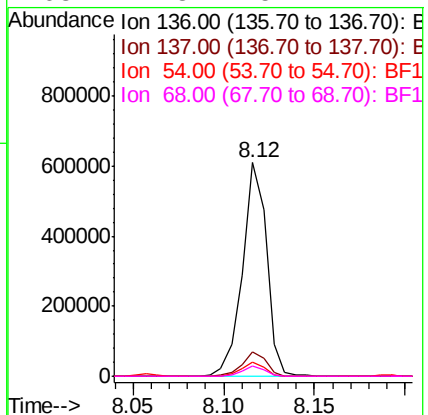
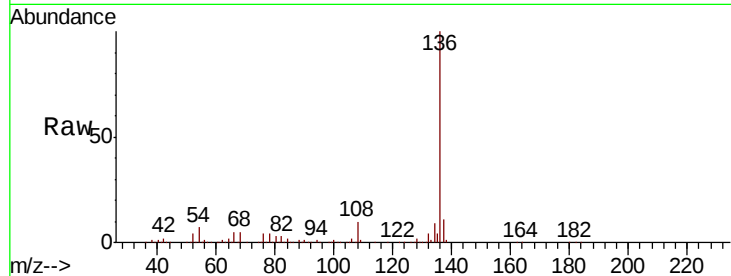
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		566012		
137	11.2	9.1	13.7		
54	6.6	5.9	8.9		
68	4.8	5.1	7.7#		

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#22

Acetophenone

Concen: 39.732 ng

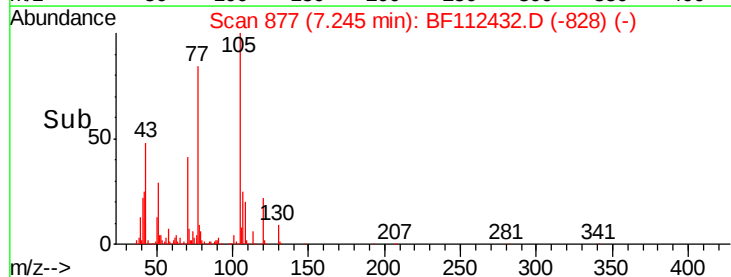
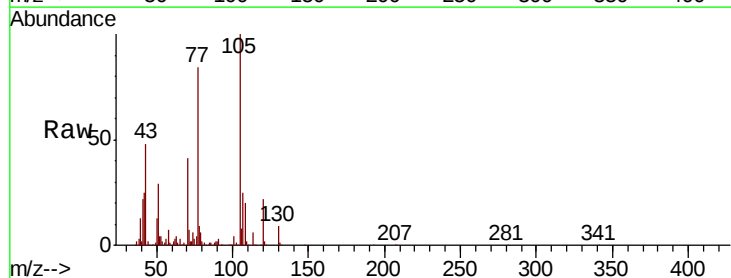
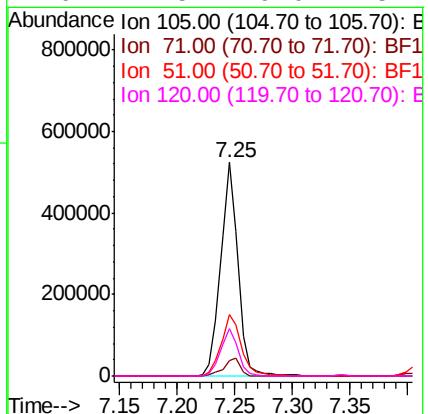
RT: 7.25 min Scan# 877

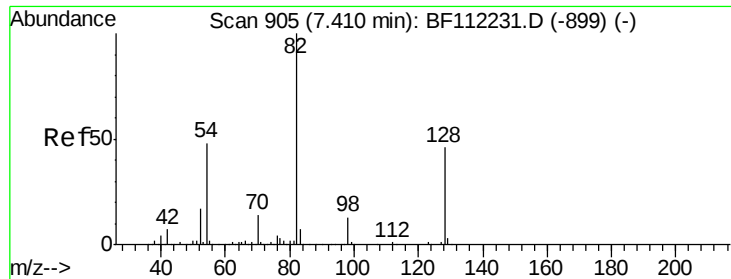
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		547608		
71	7.0	4.6	6.8#		
51	28.6	25.0	37.6		
120	22.5	19.0	28.4		





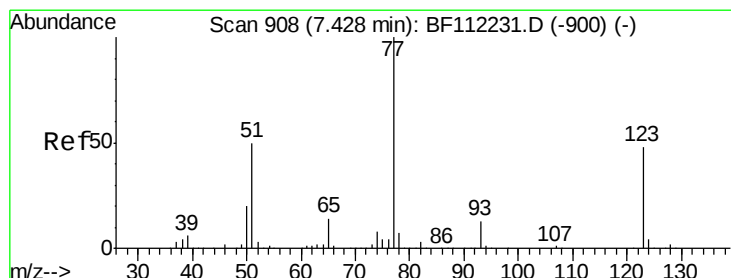
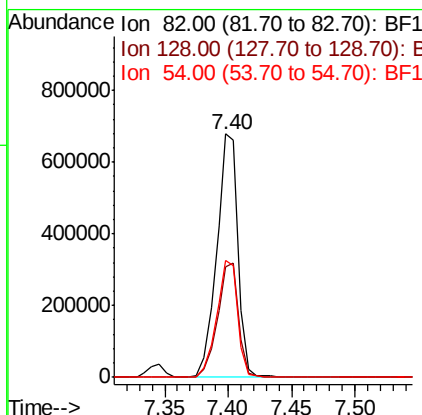
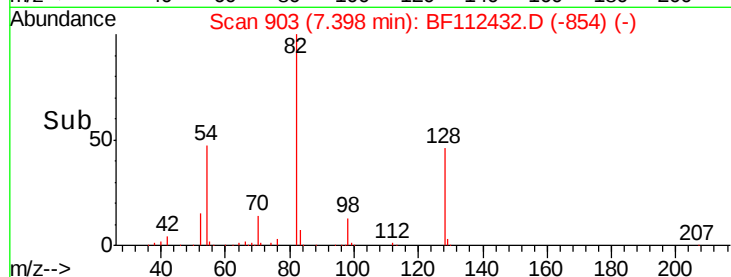
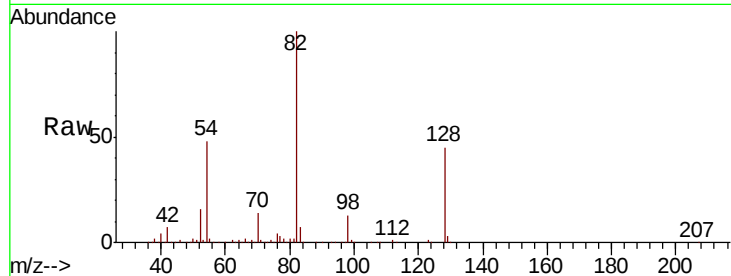
#23
Nitrobenzene-d5
Concen: 80.661 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.8	56.8
54	47.8	39.7	59.5

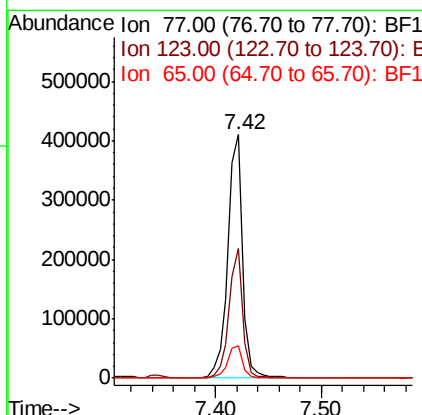
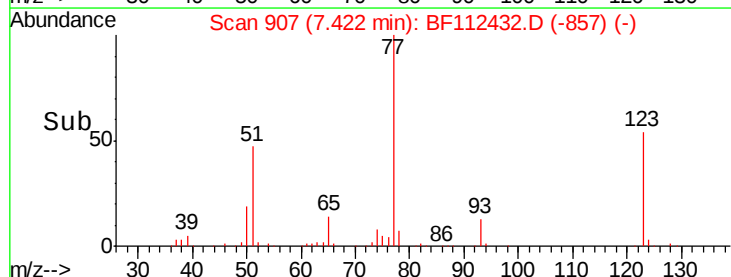
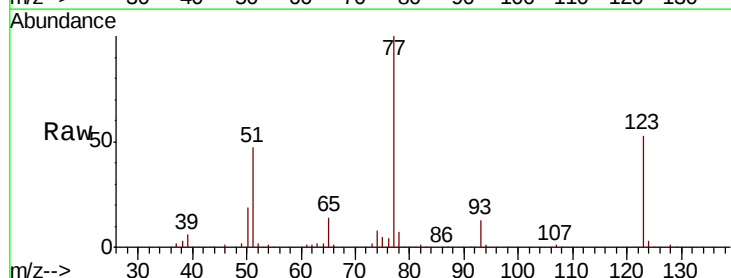
Manual Integrations
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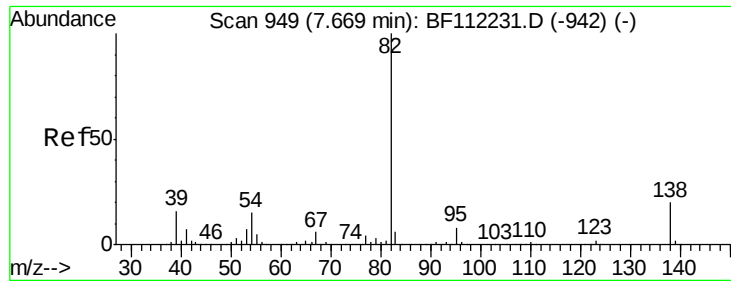
Sohil
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#24
Nitrobenzene
Concen: 39.983 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	38.4	57.6
65	13.6	10.6	15.8





#25

Isophorone

Concen: 39.643 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

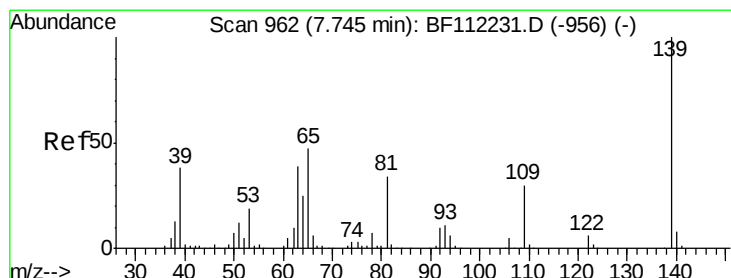
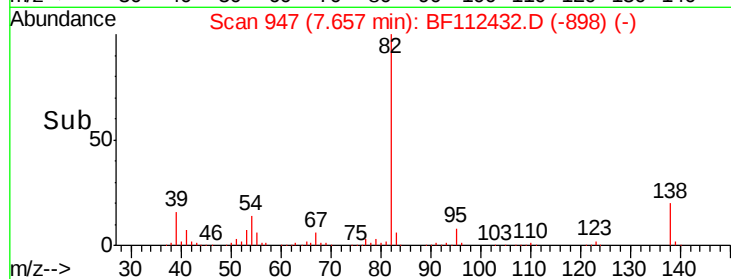
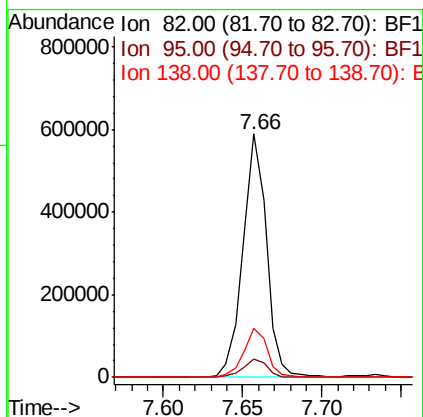
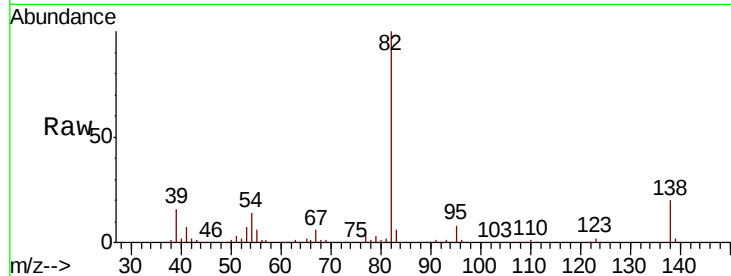
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	610914
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.7	8.5
138	20.0	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.147 ng

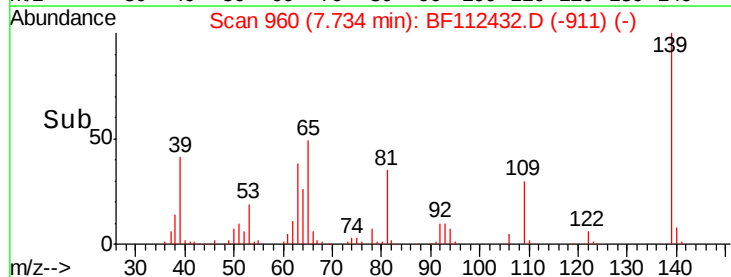
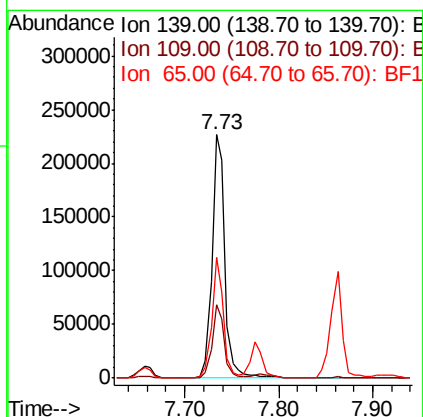
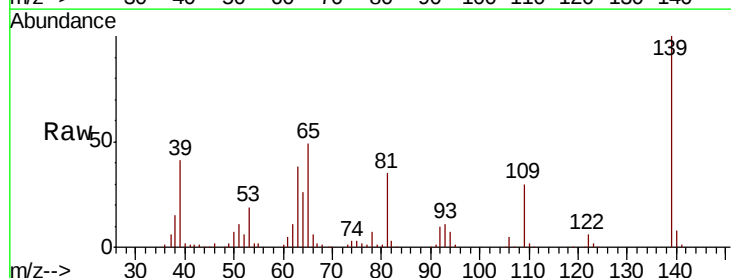
RT: 7.73 min Scan# 960

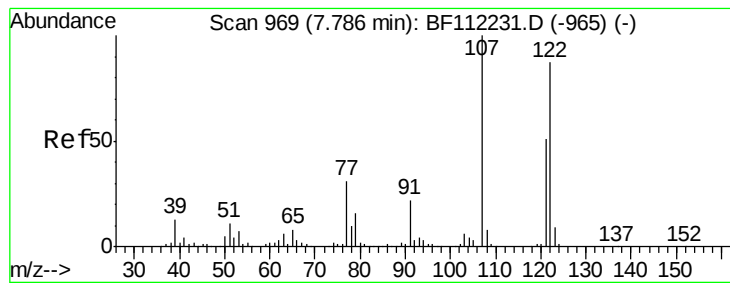
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	139	Resp:	220973
Ion	Ratio	Lower	Upper
139	100		
109	29.9	20.8	31.2
65	49.4	34.4	51.6





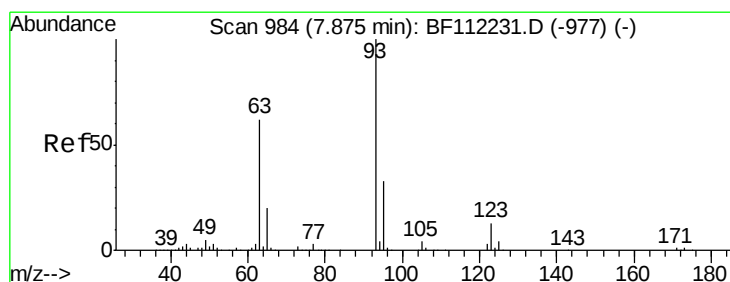
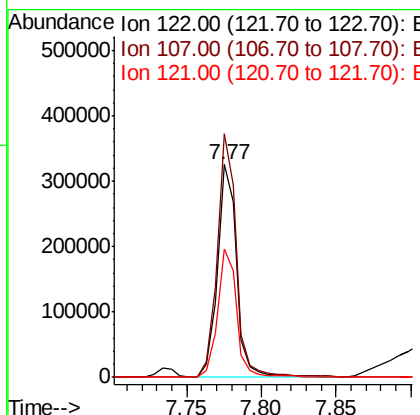
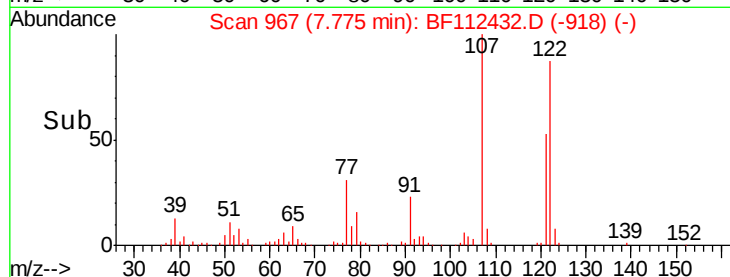
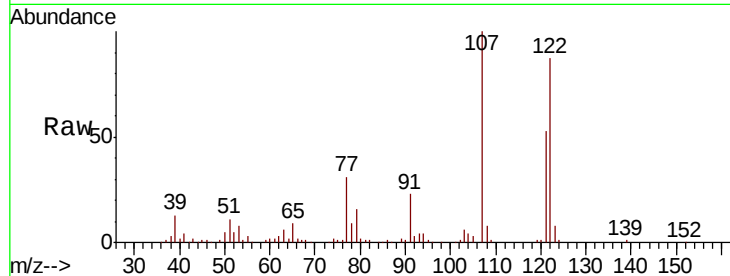
#27
2,4-Dimethylphenol
Concen: 40.275 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	290928		
107	114.5	85.4	128.0	
121	60.4	47.0	70.4	

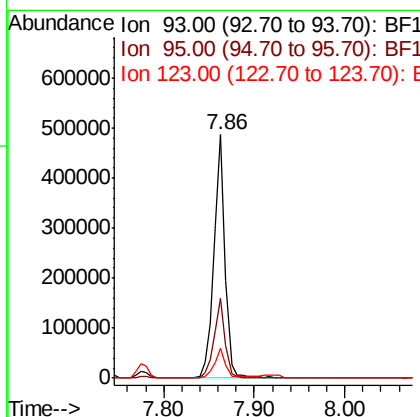
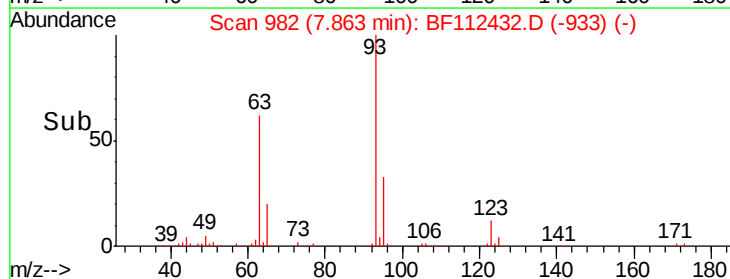
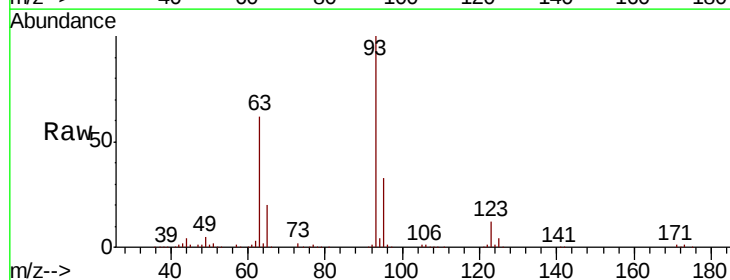
Manual Integrations
APPROVED

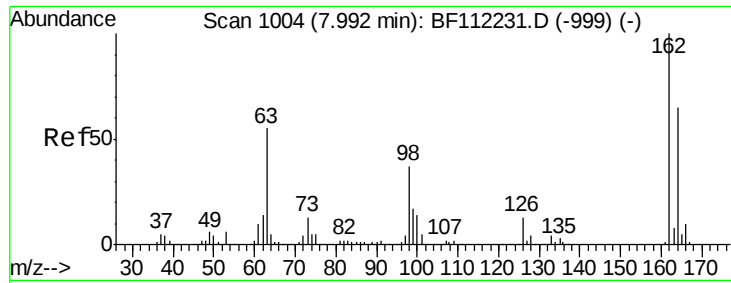
Sohil
2/11/2019 4:49:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.197 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	421790		
95	32.6	26.8	40.2	
123	12.2	10.2	15.2	





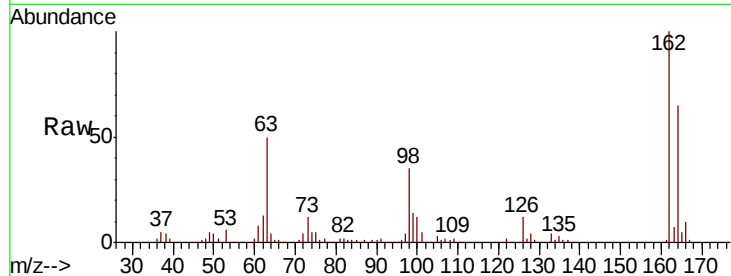
#29
2,4-Dichlorophenol
Concen: 40.925 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	44.6	84.6
98	34.6	14.6	54.6

Manual Integrations
APPROVED

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2/11/2019 4:49:47 PM

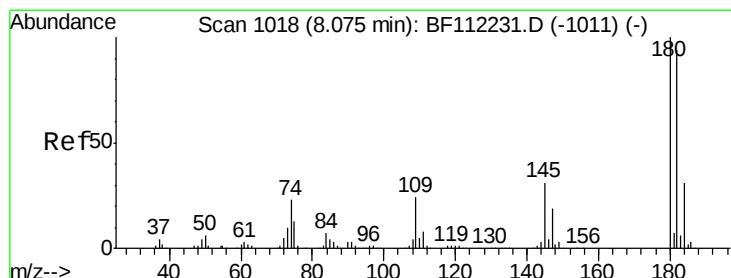
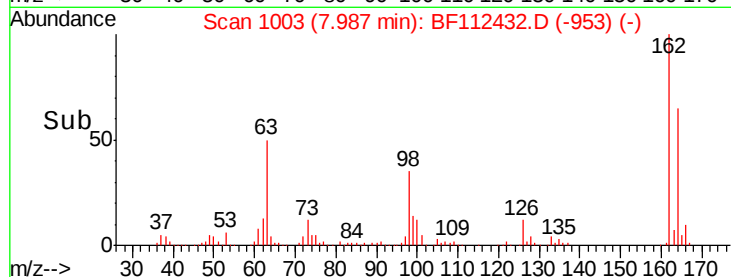
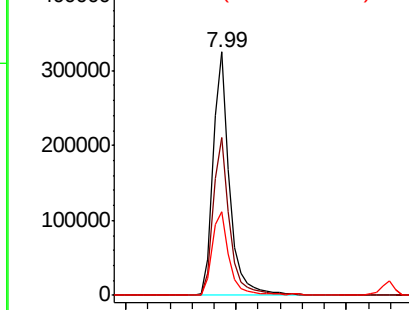


Abundance

Ion 162.00 (161.70 to 162.70): E

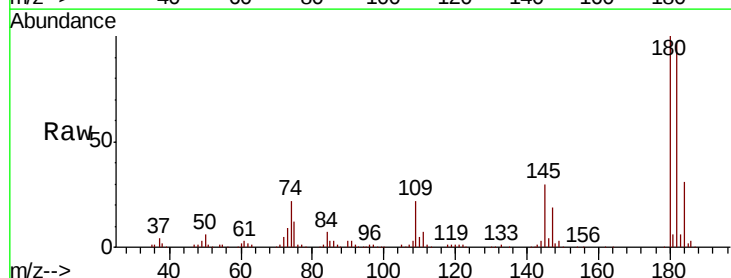
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.163 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	76.4	114.6
145	29.8	25.0	37.4

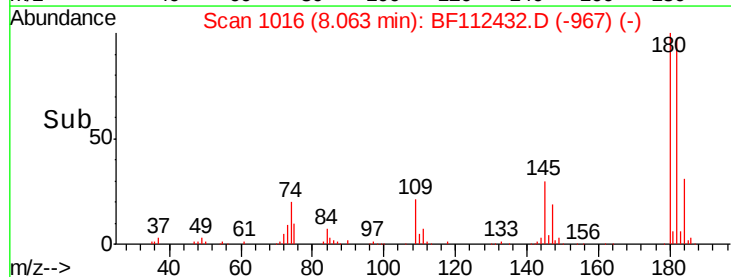
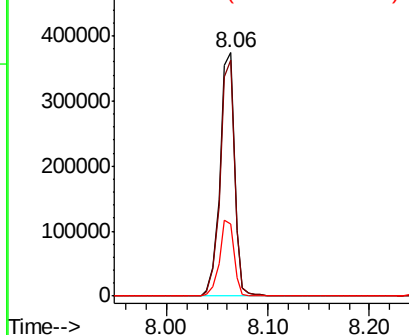


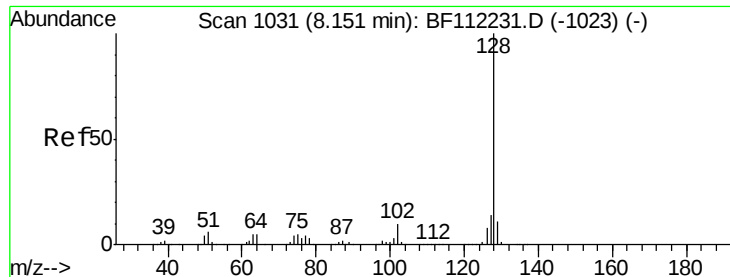
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





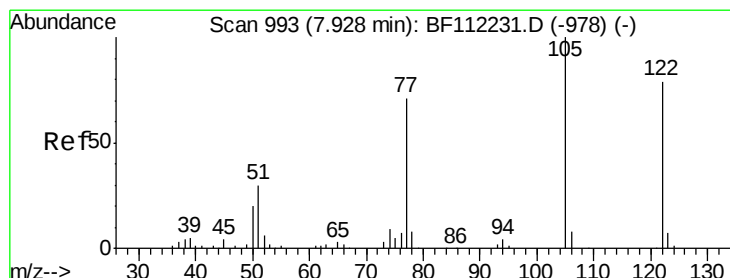
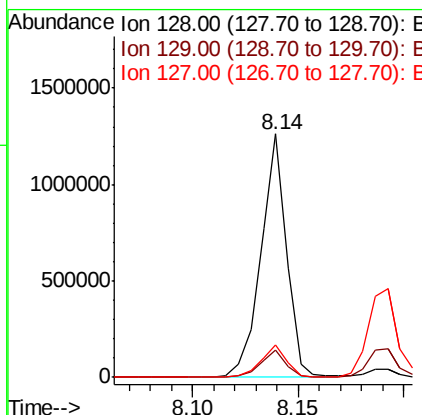
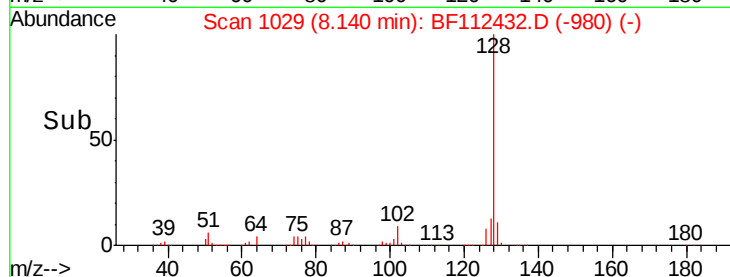
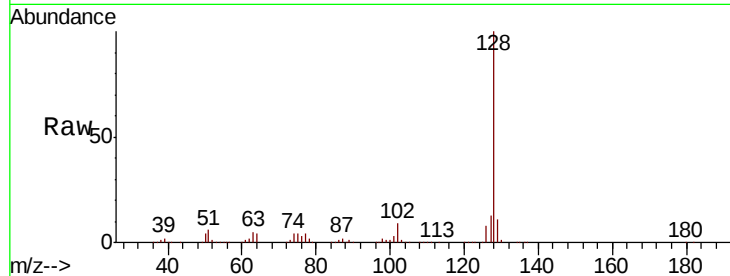
#31
Naphthalene
Concen: 40.264 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.5	11.1	16.7

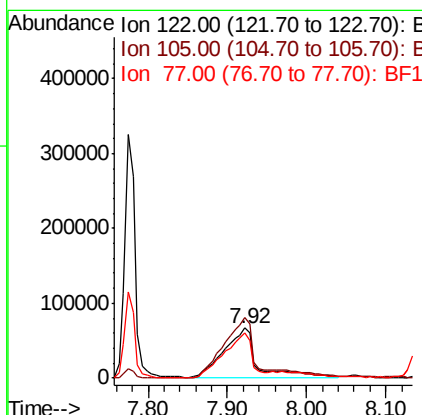
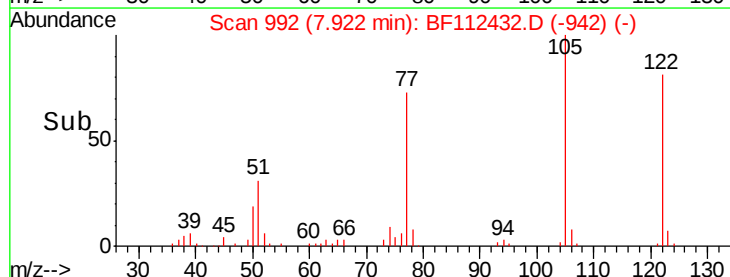
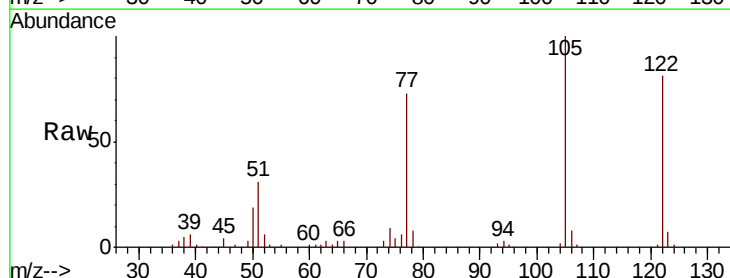
Manual Integrations
APPROVED

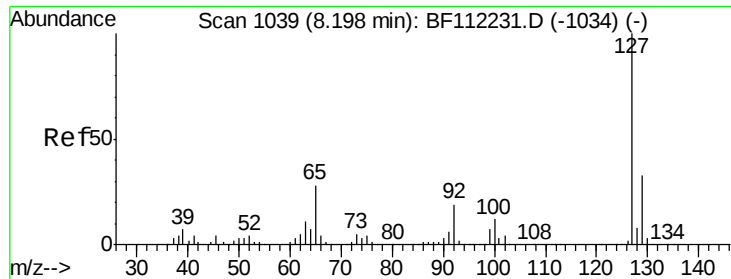
Sohil
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#32
Benzoic acid
Concen: 45.804 ng m
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	101.2	141.2
77	89.7	70.4	110.4





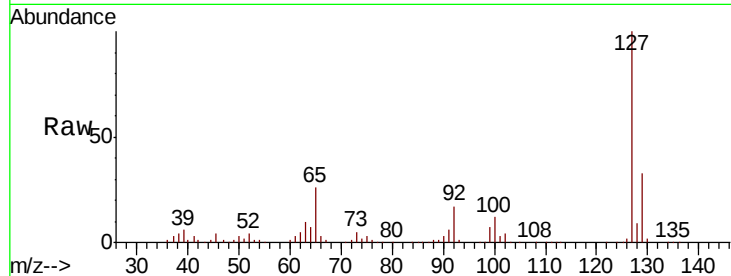
#33
4-Chloroaniline
Concen: 40.610 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

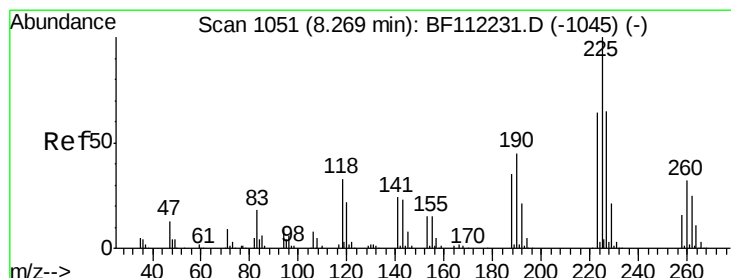
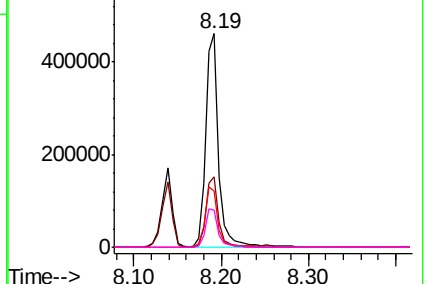
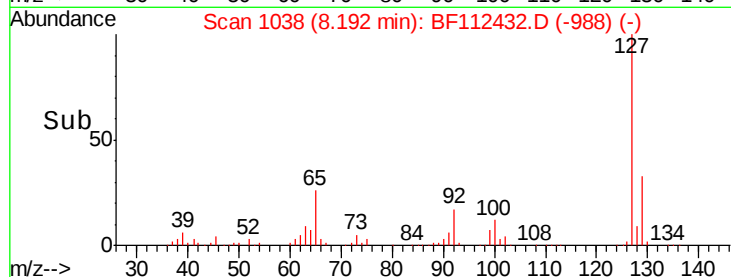
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		468048		
129	32.8	26.6	39.8		
65	26.4	21.4	32.2		
92	17.3	14.2	21.2		

Manual Integrations
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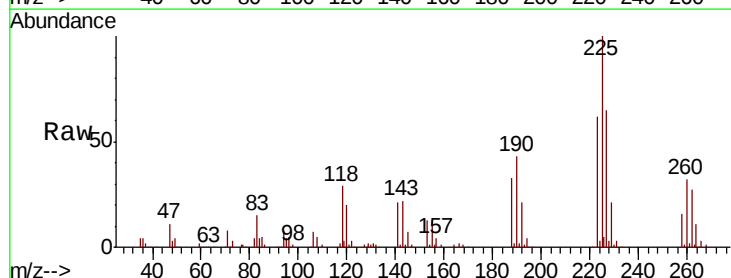


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

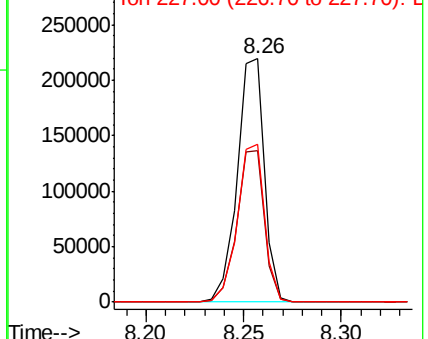
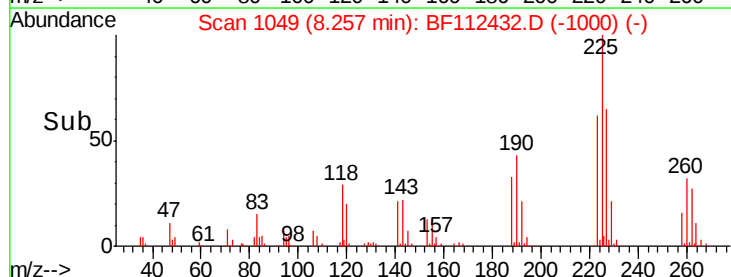


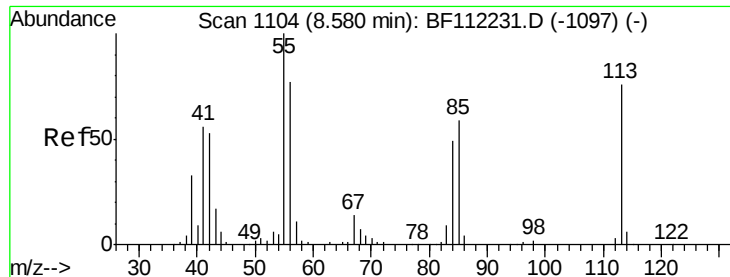
#34
Hexachlorobutadiene
Concen: 38.756 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		211323		
223	62.2	50.3	75.5		
227	64.6	51.8	77.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





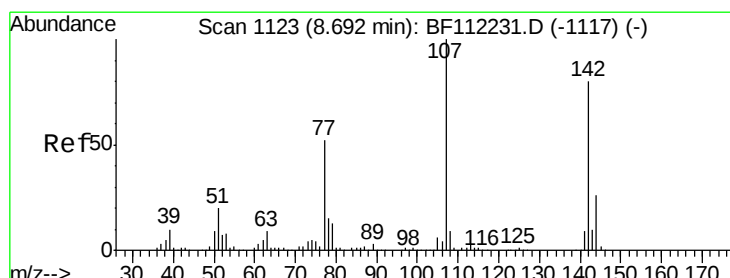
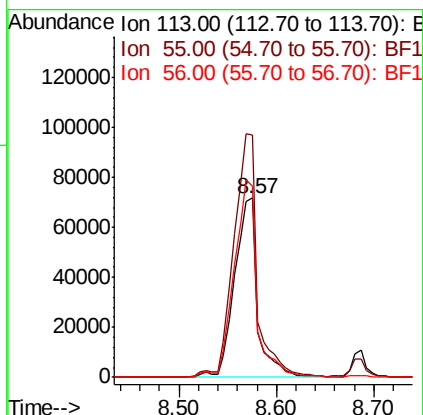
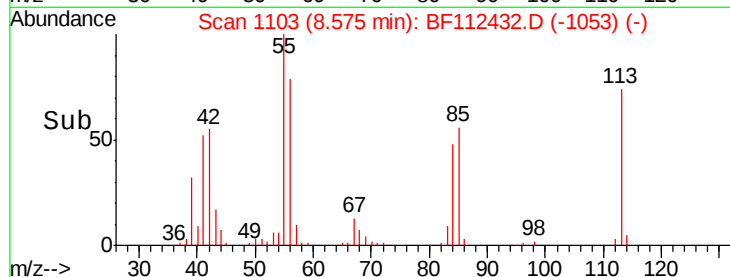
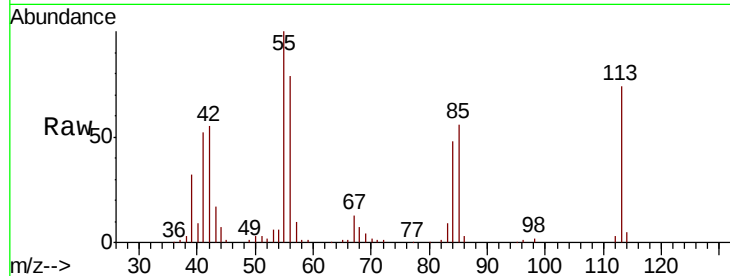
#35
Caprolactam
Concen: 41.202 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	135.5	121.6	161.6		
56	106.5	86.7	126.7		

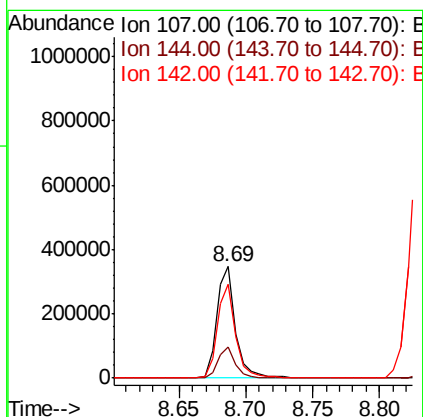
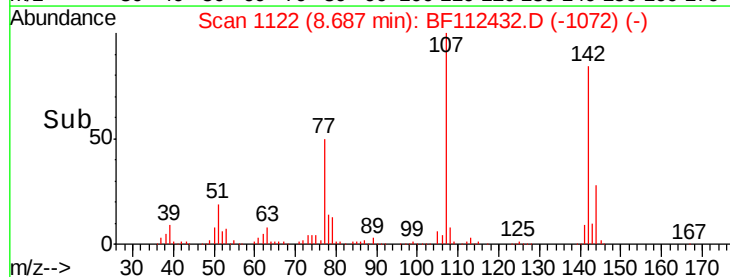
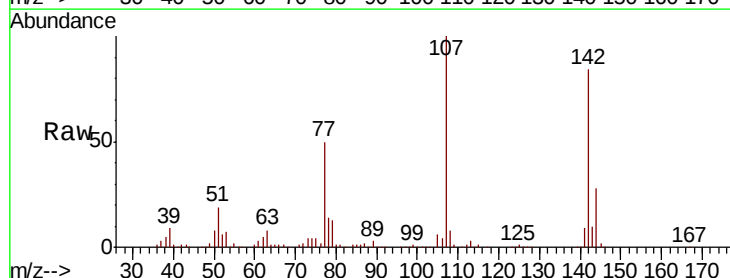
Manual Integrations
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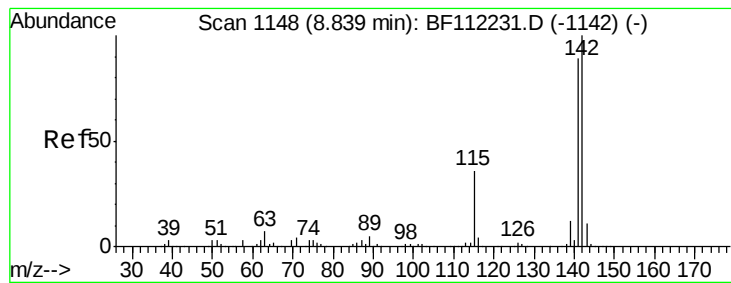
Sohil
2/11/2019 4:49:47 PM



#36
4-Chloro-3-methylphenol
Concen: 39.781 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.1	22.2	33.2		
142	84.4	67.7	101.5		





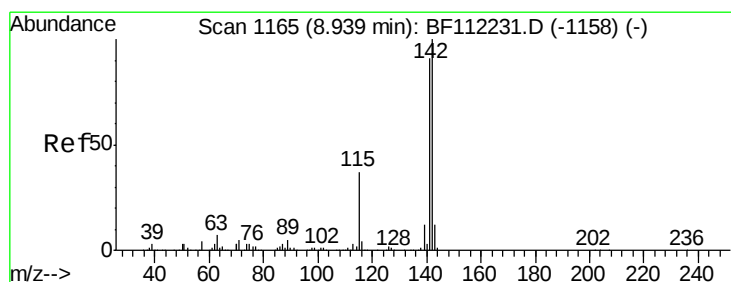
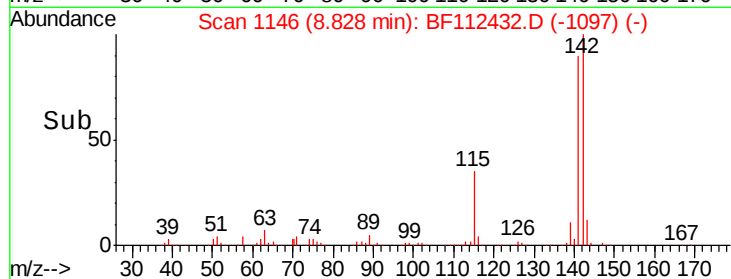
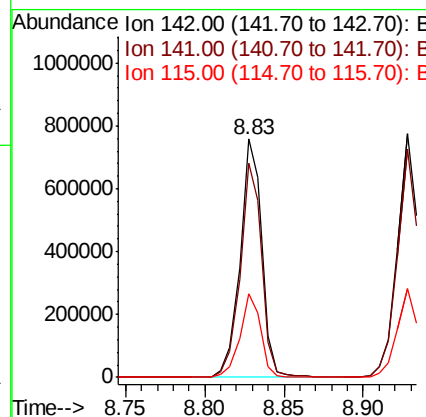
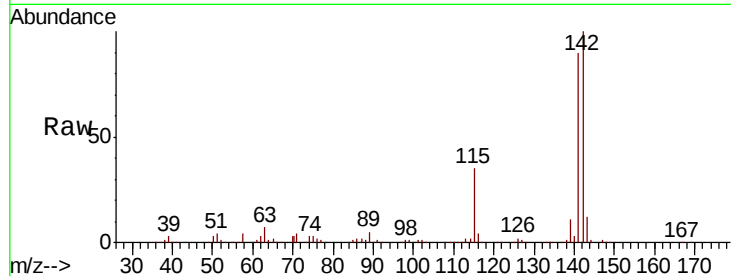
#37
2-Methylnaphthalene
Concen: 39.590 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.9	106.3
115	35.3	24.9	37.3

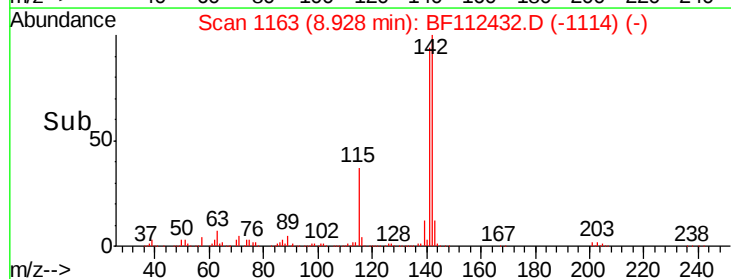
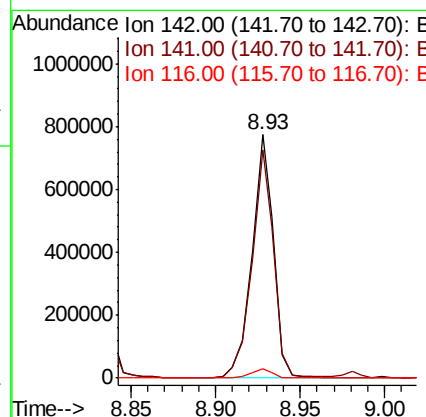
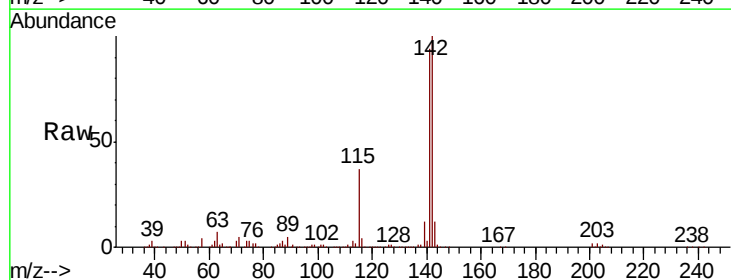
Manual Integrations
APPROVED

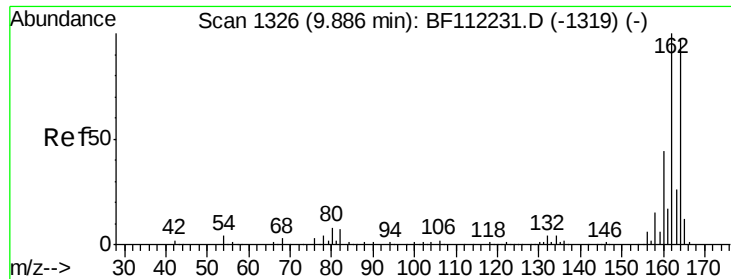
Sohil
2/11/2019 4:49:47 PM



#38
1-Methylnaphthalene
Concen: 39.459 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8
116	3.8	2.8	4.2





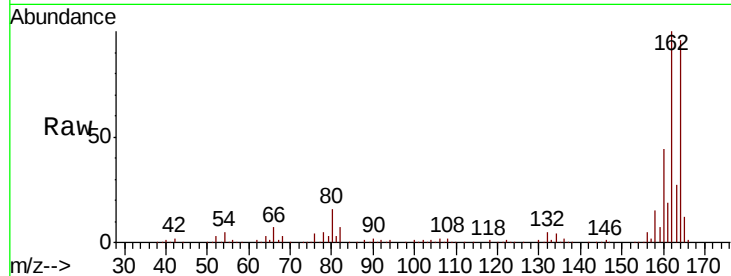
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	46.3	36.2	54.4

Manual Integrations
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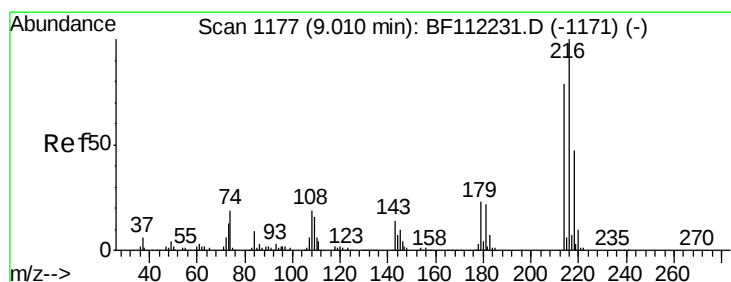
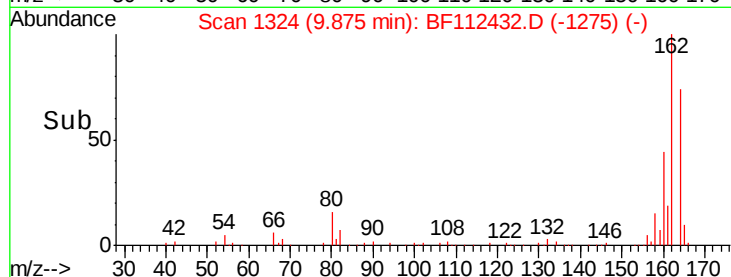
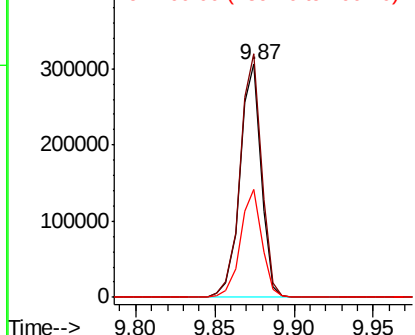


Abundance

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: 38.737 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.6
179	21.8	16.9	25.3
108	18.1	14.2	21.4

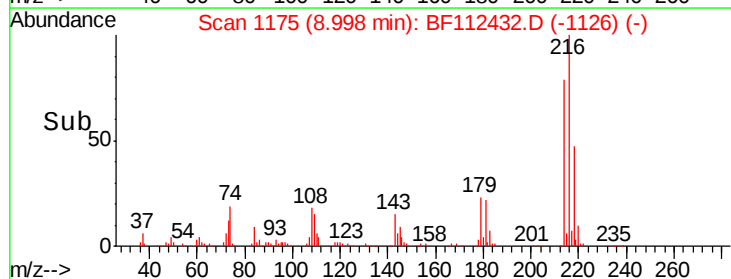
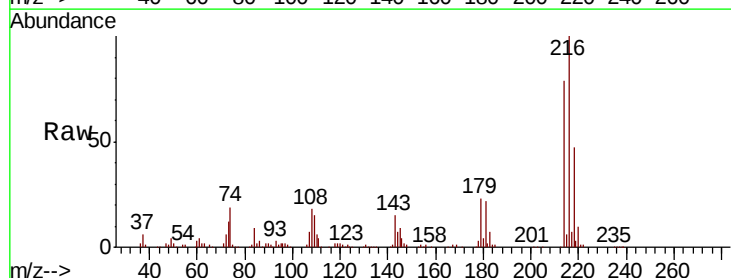
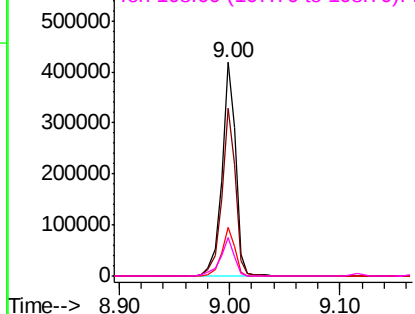
Abundance

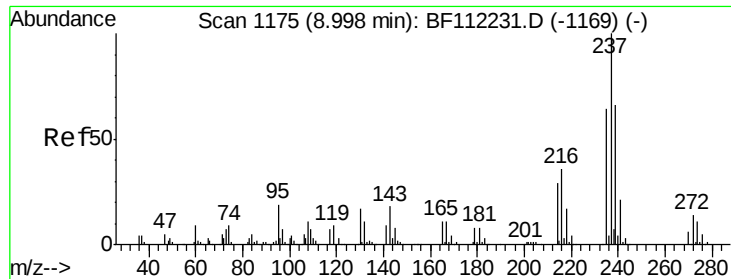
Ion 216.00 (215.70 to 216.70): E

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





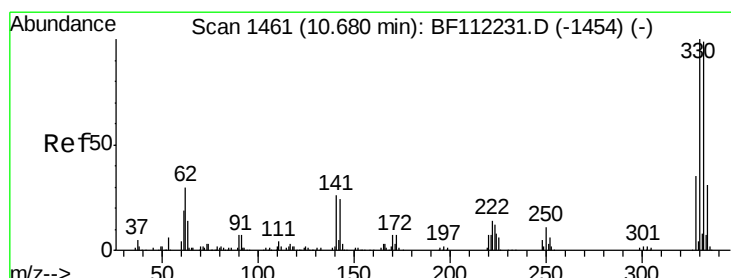
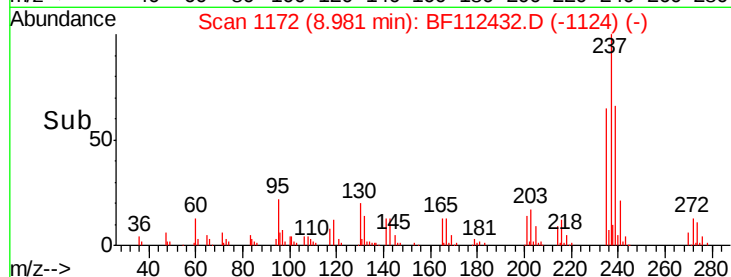
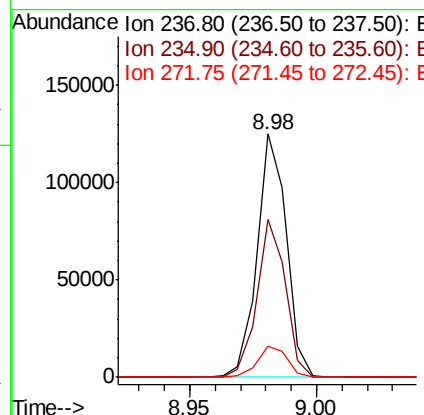
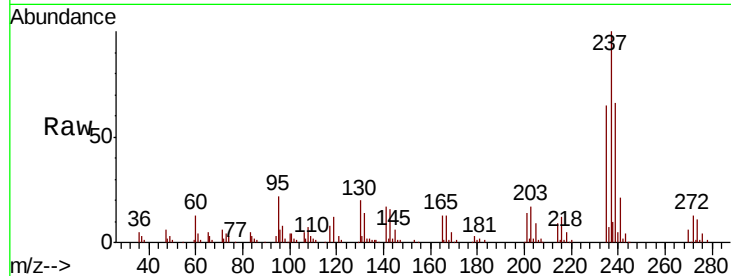
#41
Hexachlorocyclopentadiene
Concen: 34.618 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	44.0	84.0
272	12.7	0.0	33.3

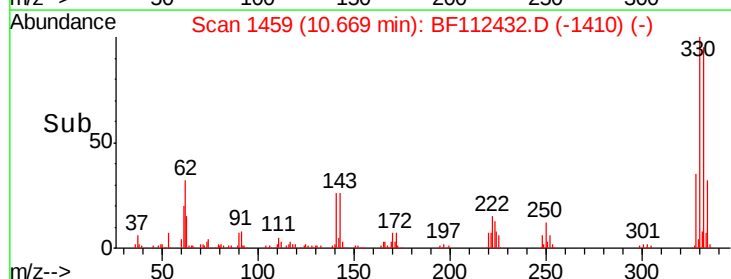
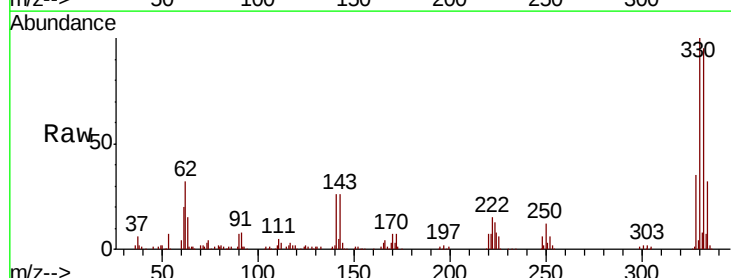
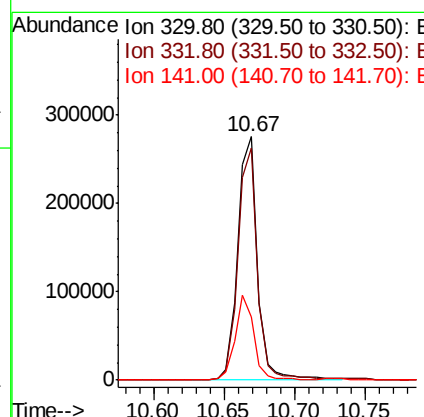
Manual Integrations
APPROVED

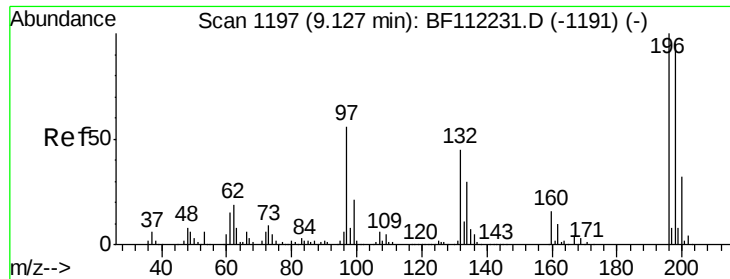
Sohil
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#42
2,4,6-Tribromophenol
Concen: 81.153 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	76.6	114.8
141	33.0	24.3	36.5





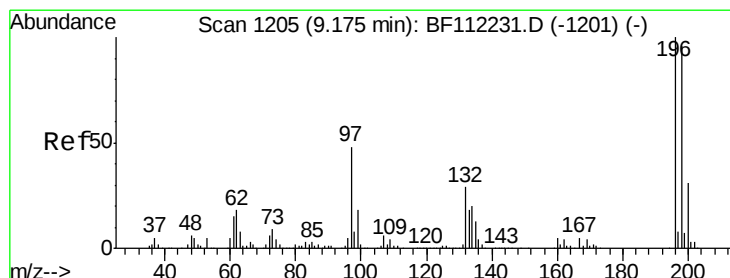
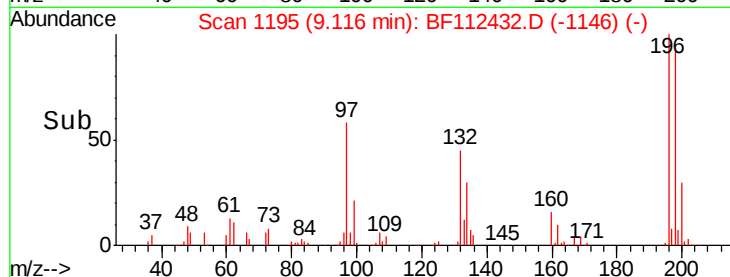
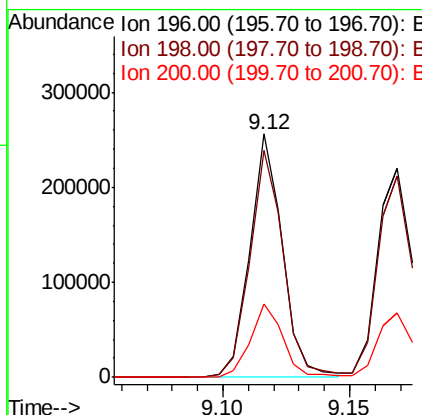
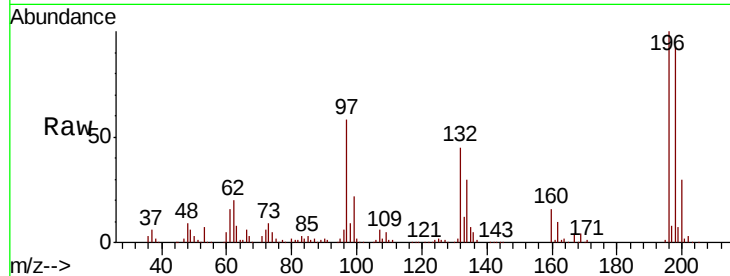
#43
 2,4,6-Trichlorophenol
 Concen: 40.068 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229992		
198	93.3	76.2	114.4	
200	30.4	24.3	36.5	

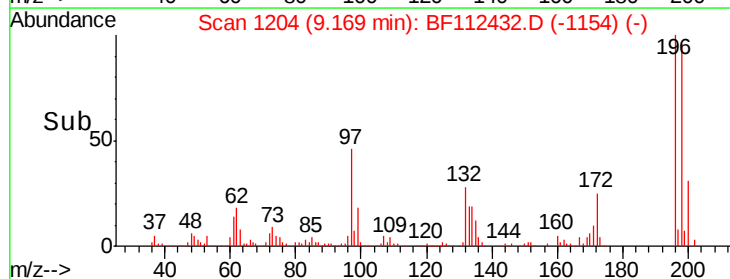
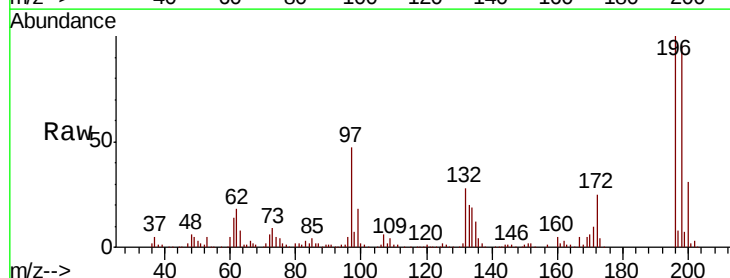
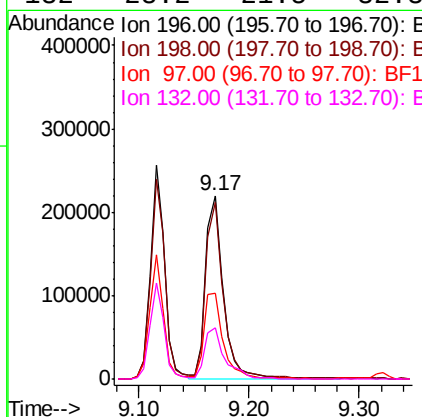
Manual Integrations
 APPROVED

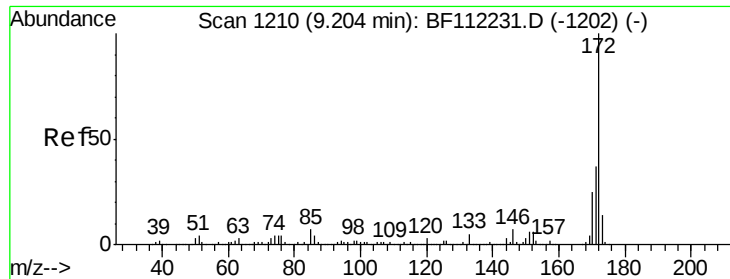
Sohil
 2/11/2019 4:49:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.907 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239407		
198	96.5	76.0	114.0	
97	46.5	36.4	54.6	
132	28.2	21.5	32.3	





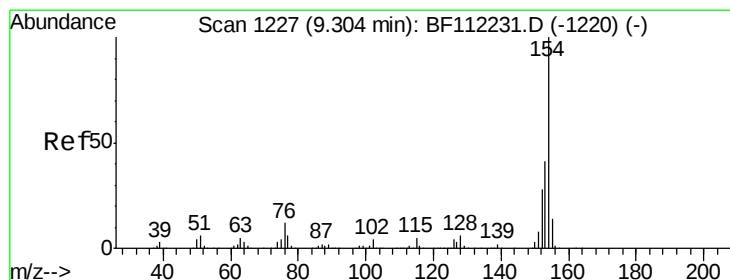
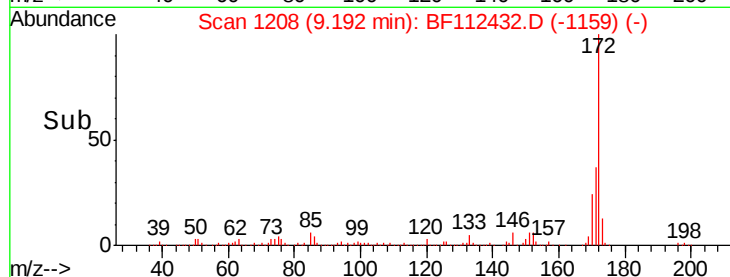
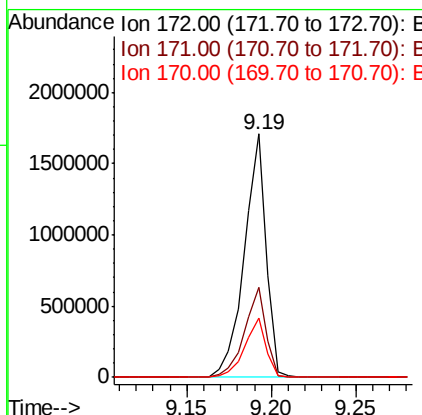
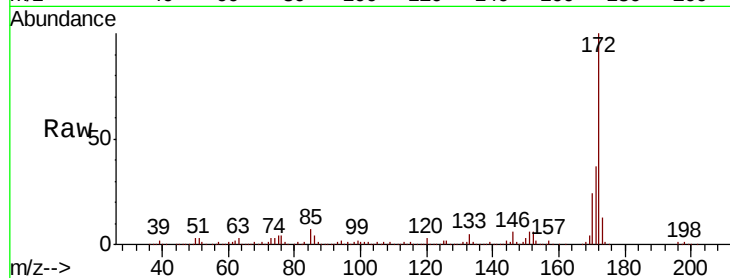
#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.3	20.2	30.4

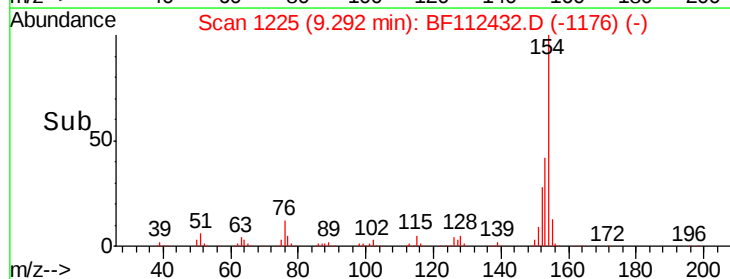
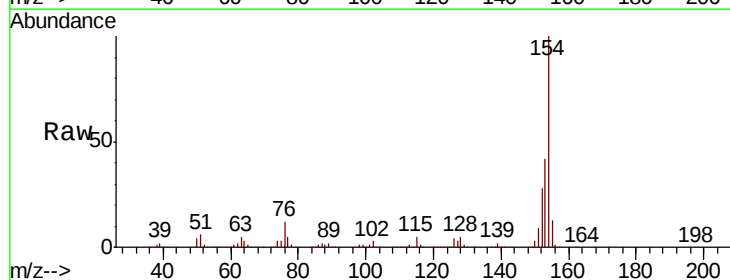
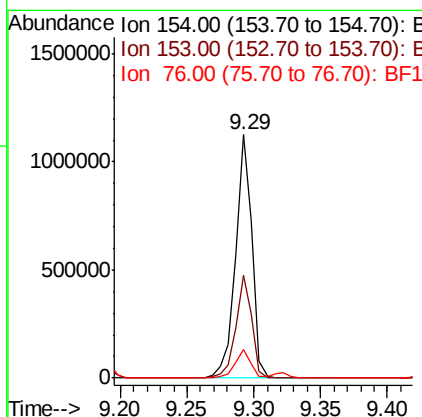
Manual Integrations
APPROVED

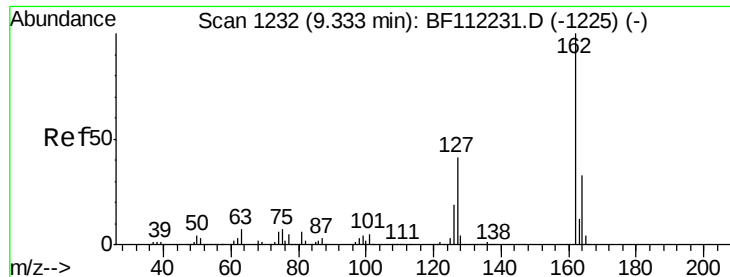
Sohil
2/11/2019 4:49:47 PM



#46
1,1'-Biphenyl
Concen: 39.264 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.5	61.5
76	12.0	0.0	33.1





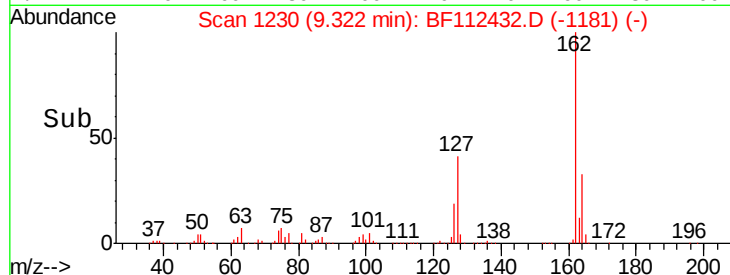
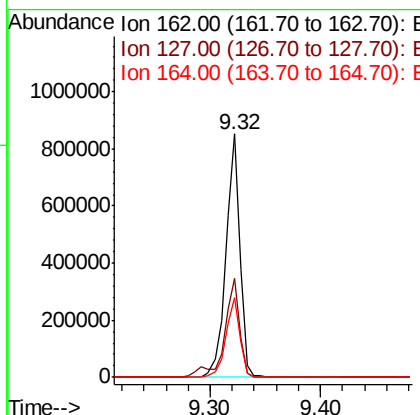
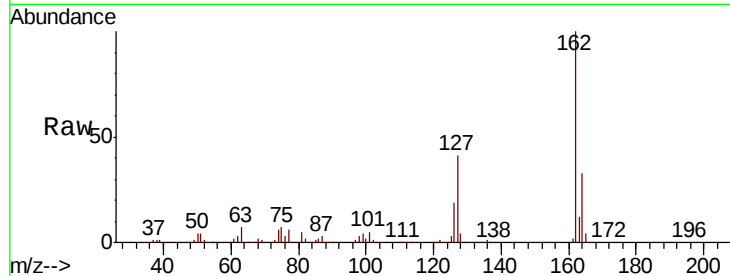
#47
2-Chloronaphthalene
Concen: 39.351 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.6	30.4	45.6		
164	33.0	27.4	41.2		

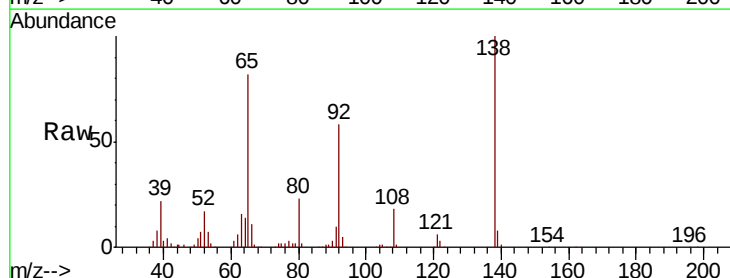
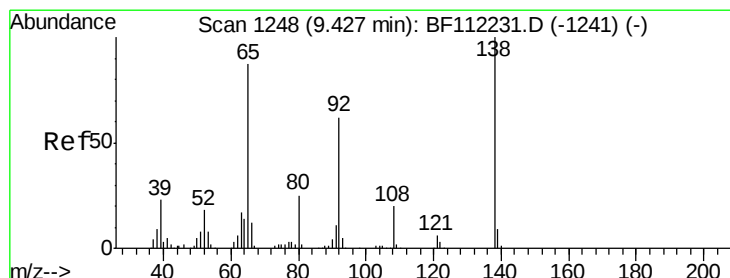
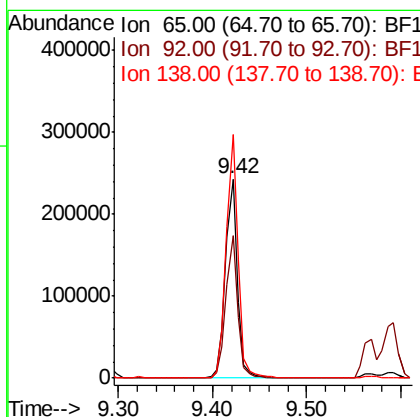
Manual Integrations
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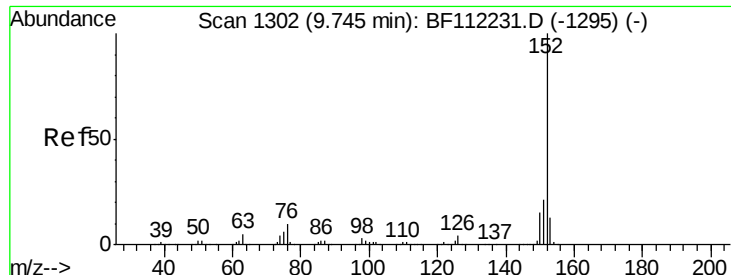
Sohil
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#48
2-Nitroaniline
Concen: 41.388 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.4	60.4	90.6		
138	122.4	104.4	156.6		





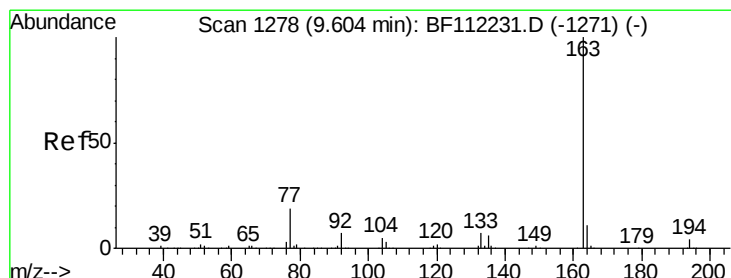
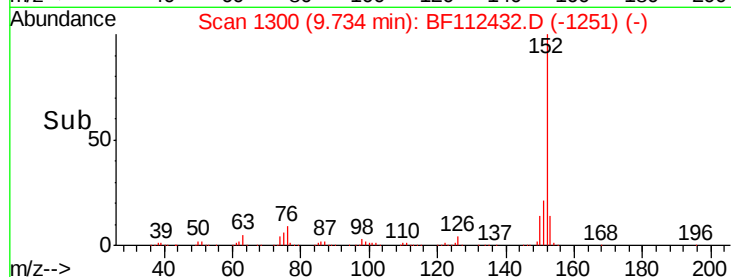
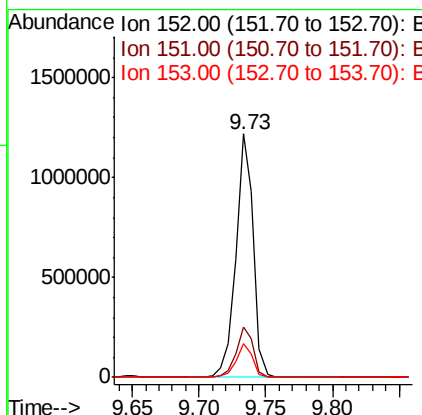
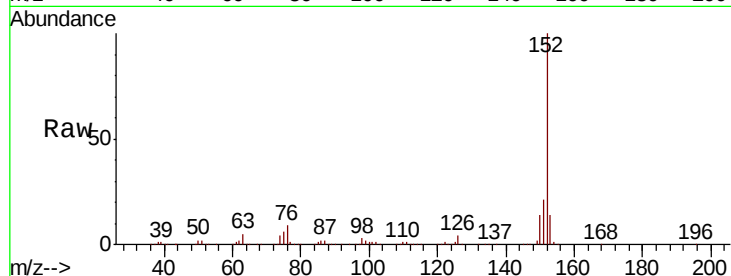
#49
Acenaphthylene
Concen: 39.353 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.7	11.2	16.8

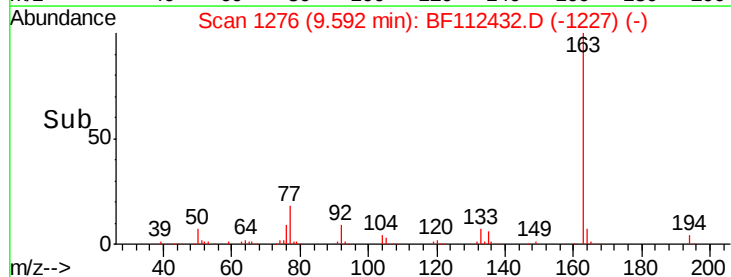
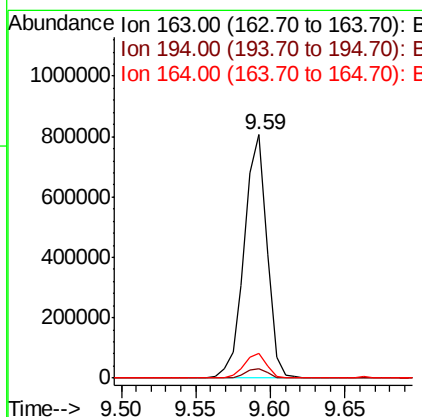
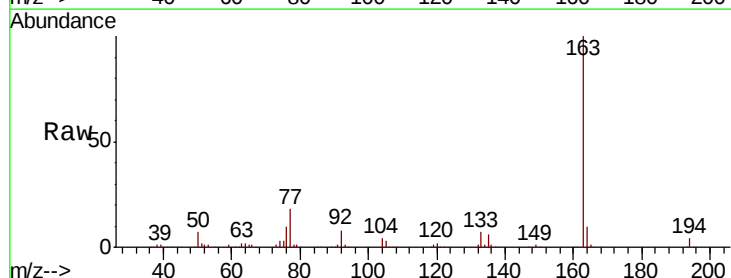
Manual Integrations
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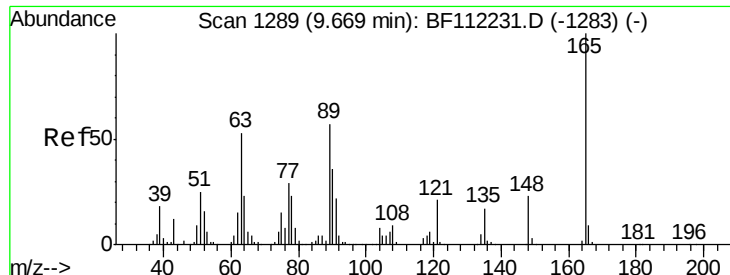
Sohil
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#50
Dimethylphthalate
Concen: 38.610 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.796 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 196397

Ion Ratio Lower Upper

165 100

63 45.3 33.8 50.8

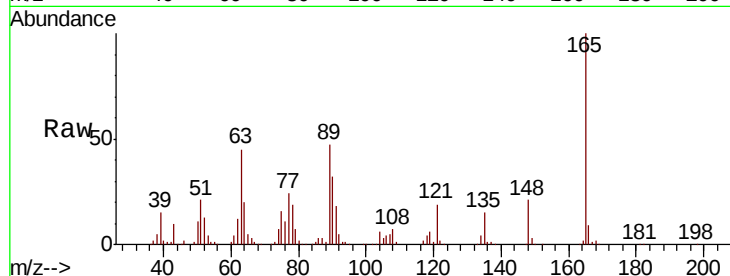
89 47.1 36.9 55.3

Manual Integrations

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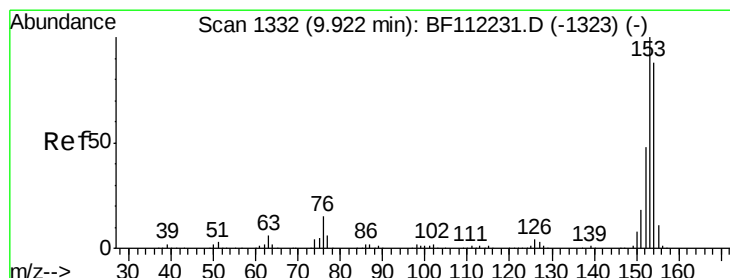
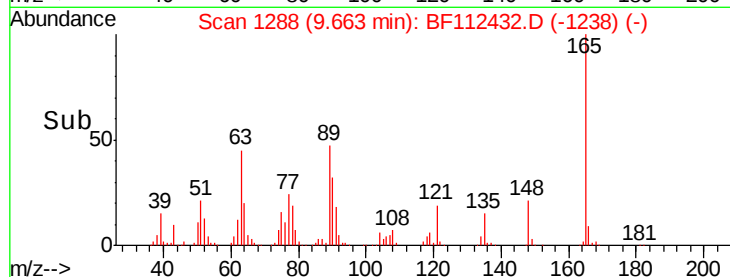
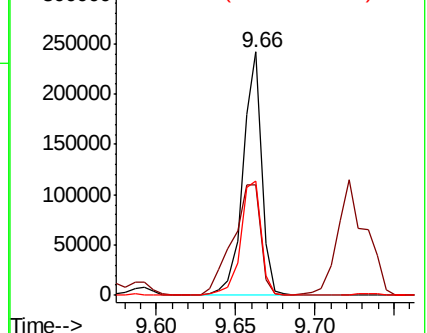
2/11/2019 4:49:47 PM



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



#52

Acenaphthene

Concen: 39.624 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

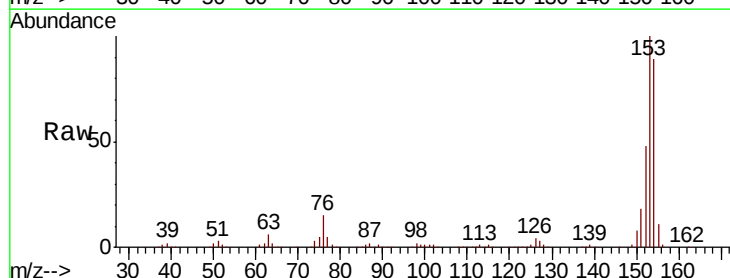
Tgt Ion:154 Resp: 667080

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

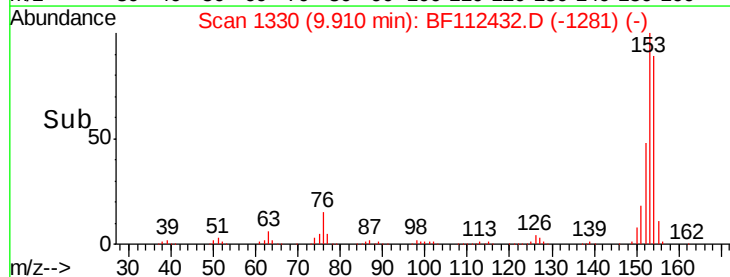
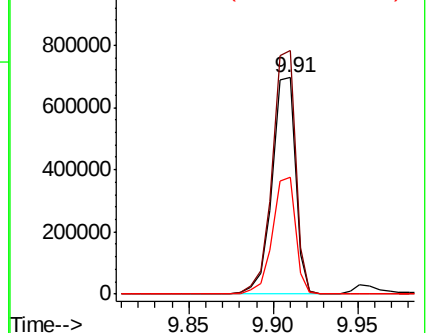
152 54.0 43.5 65.3

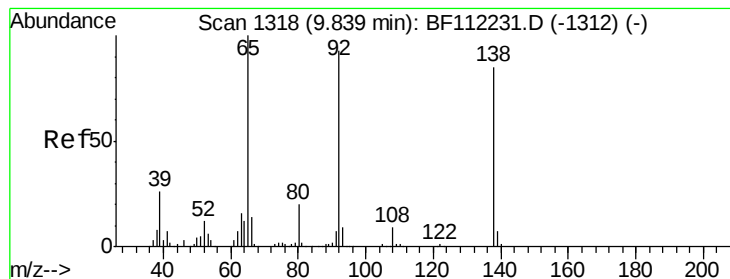


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.978 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

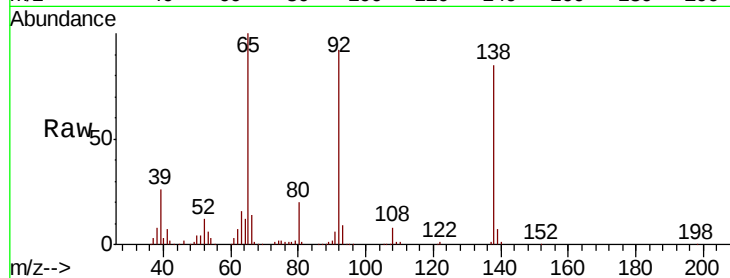
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	108.3	79.4	119.2

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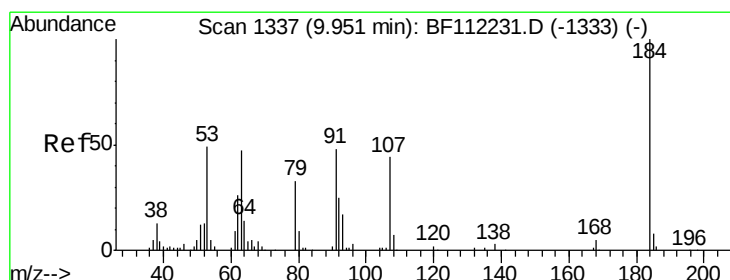
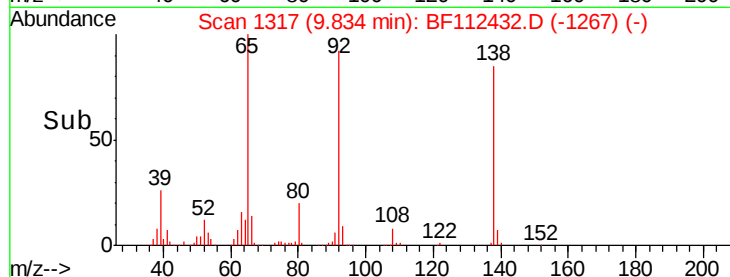
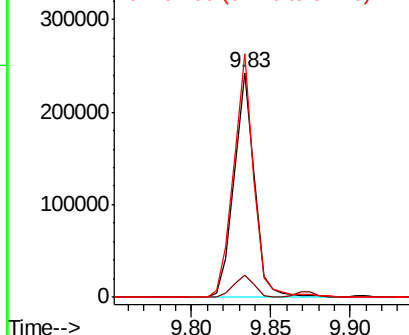


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 36.925 ng

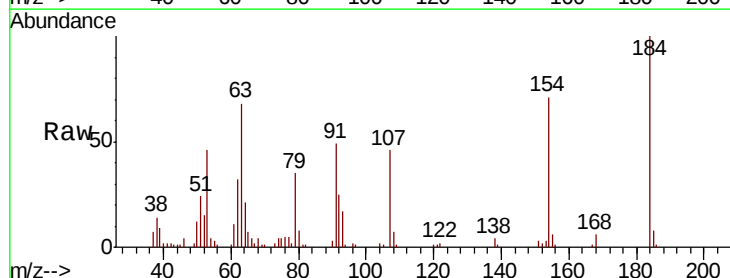
RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	47.1	70.7
154	70.8	48.9	73.3

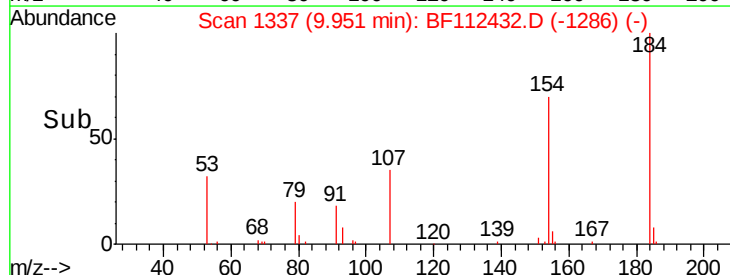
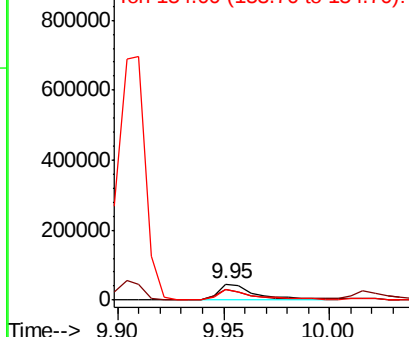


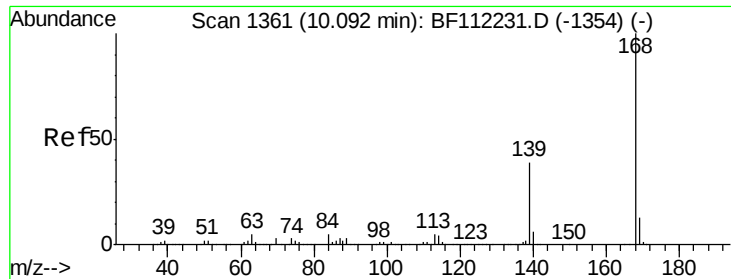
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.996 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1003240

Ion Ratio Lower Upper

168 100

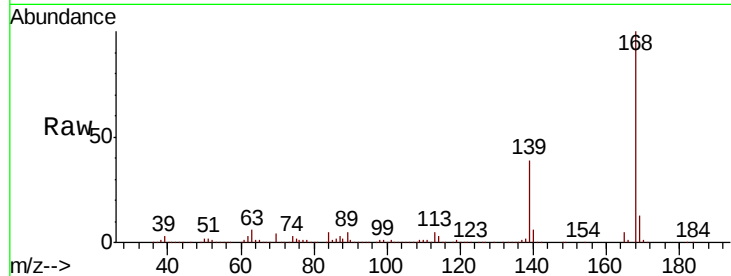
139 39.1 29.2 43.8

169 13.1 11.4 17.0

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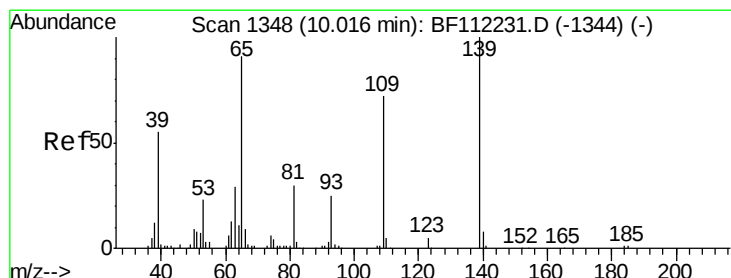
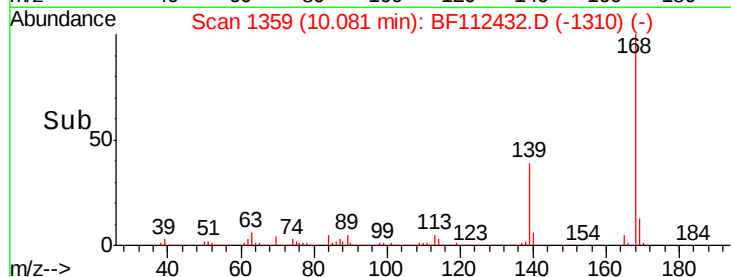
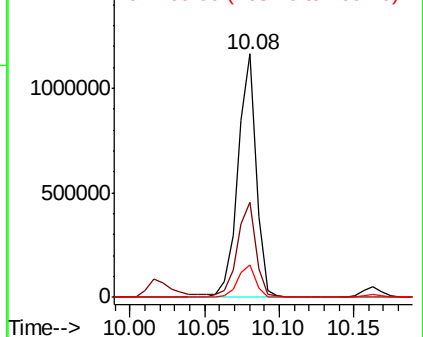


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.207 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

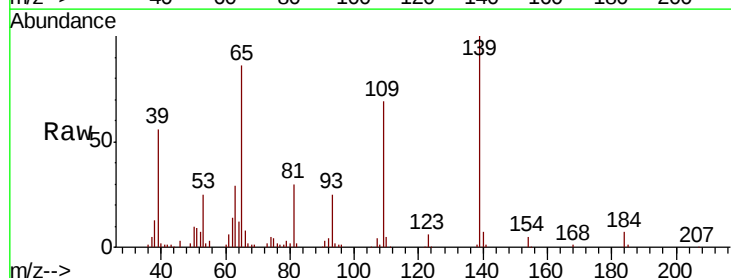
Tgt Ion:139 Resp: 105172

Ion Ratio Lower Upper

139 100

109 69.1 42.8 82.8

65 85.7 66.1 106.1

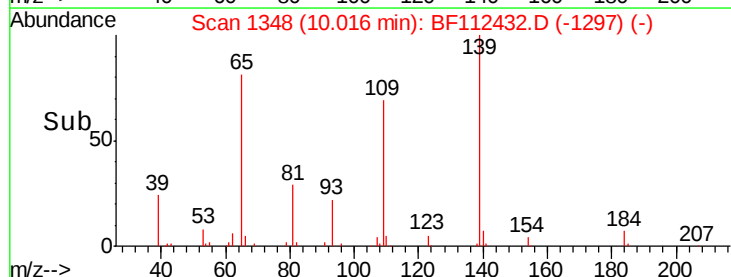
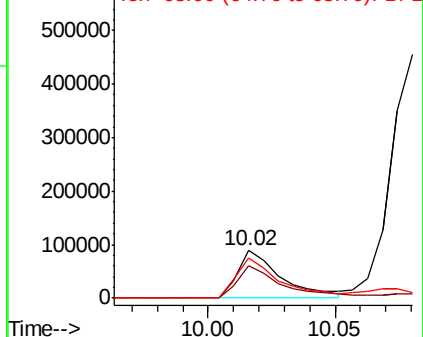


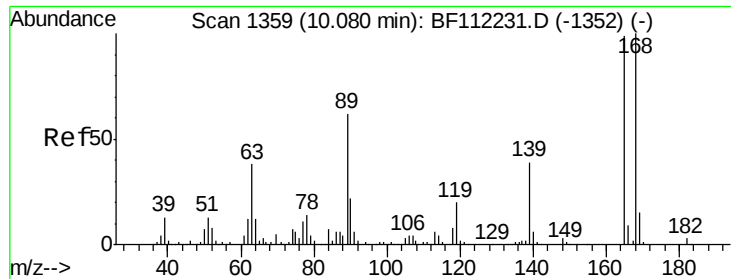
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





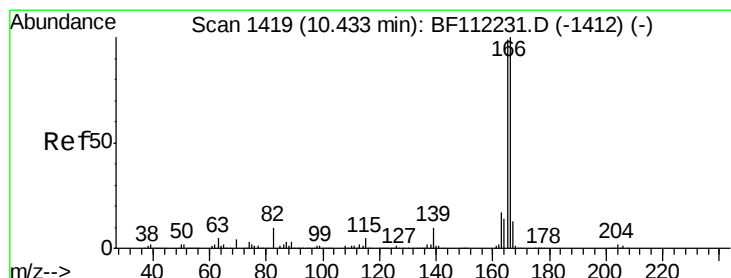
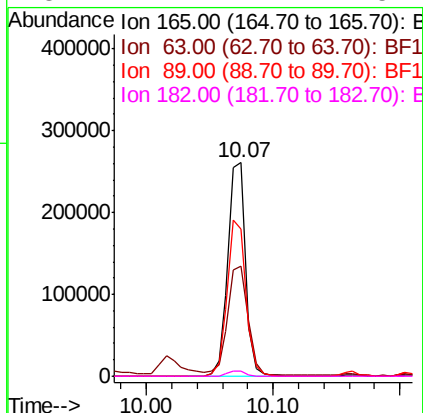
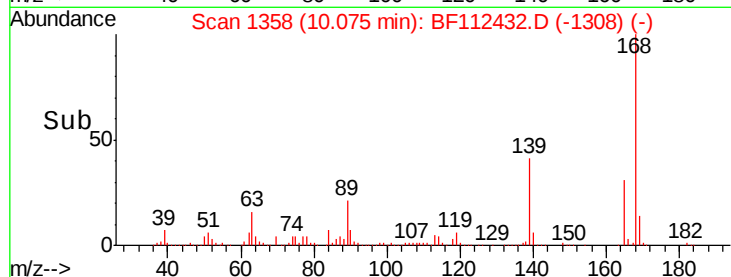
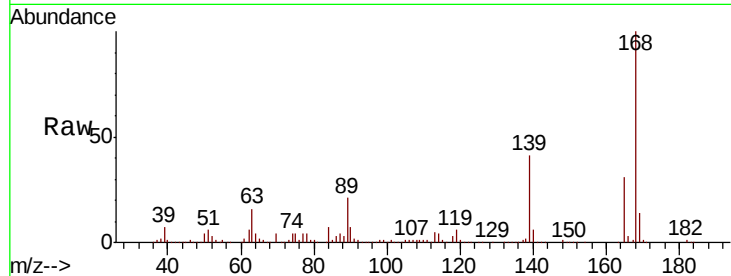
#57
2,4-Dinitrotoluene
Concen: 40.308 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.5	27.9	41.9	
89	69.2	47.9	71.9	
182	2.7	2.2	3.4	

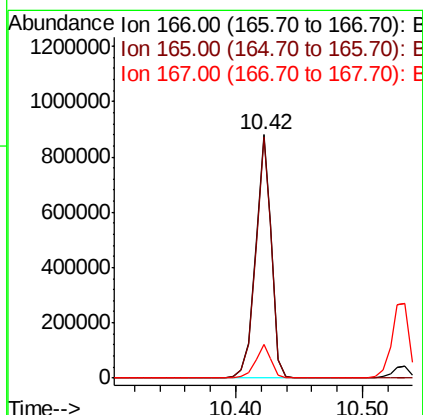
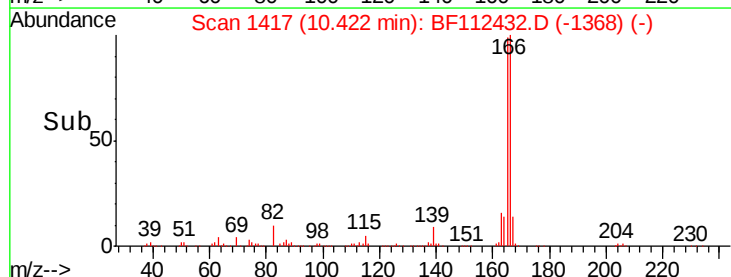
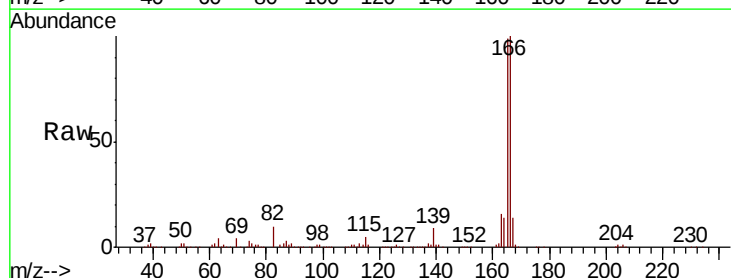
Manual Integrations
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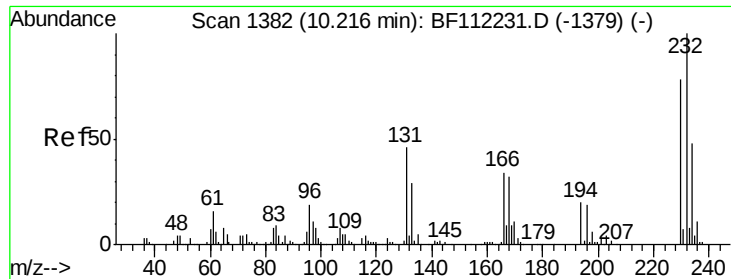
Sohil
2/11/2019 4:49:47 PM



#58
Fluorene
Concen: 40.114 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	77.1	115.7	
167	13.8	11.3	16.9	





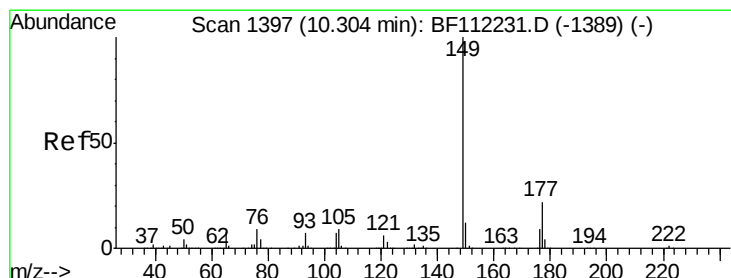
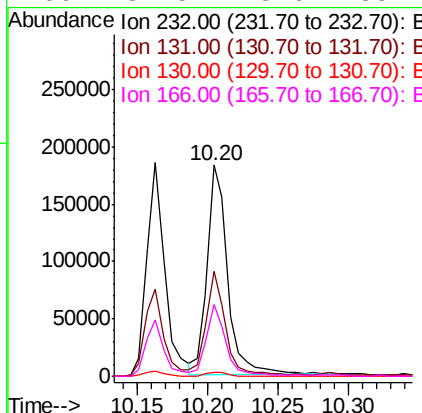
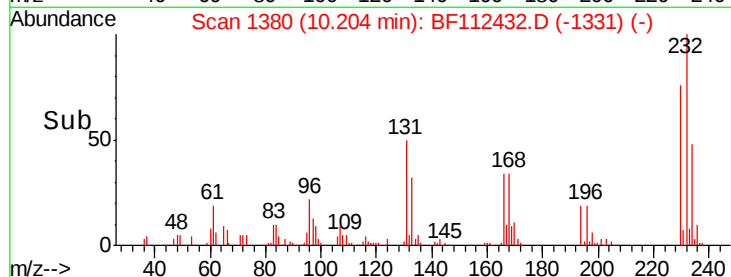
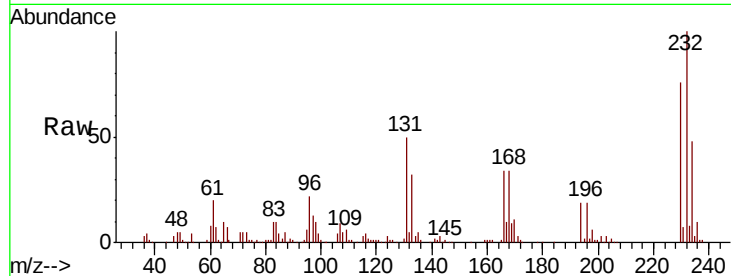
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.432 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	187835		
131	47.4	33.9	50.9	
130	2.3	1.8	2.6	
166	31.5	23.6	35.4	

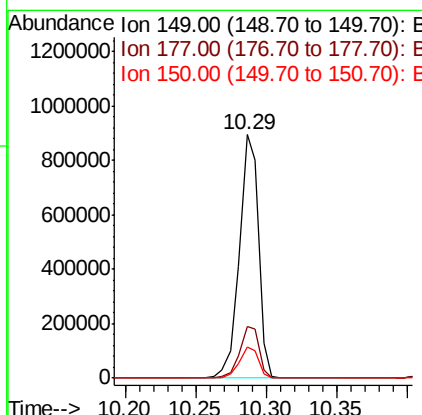
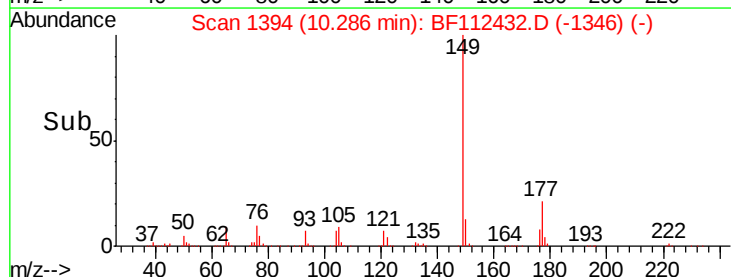
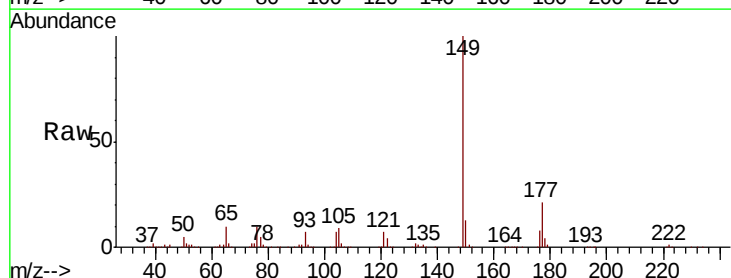
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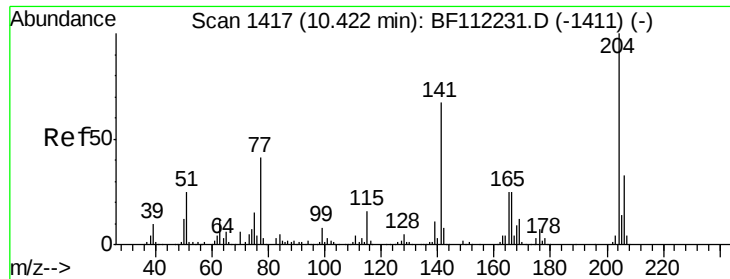
Sohil
2/11/2019 4:49:47 PM



#60
Diethylphthalate
Concen: 38.562 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	843274		
177	21.2	18.2	27.2	
150	12.7	10.4	15.6	





#61

4-Chlorophenyl-phenylether

Concen: 38.630 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

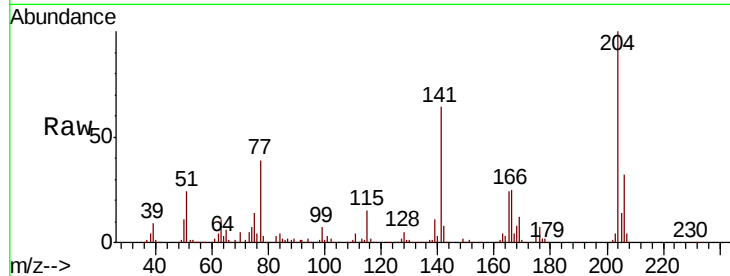
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	404554
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	64.2	45.9	68.9

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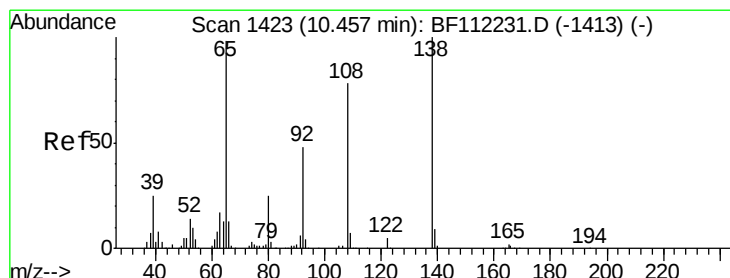
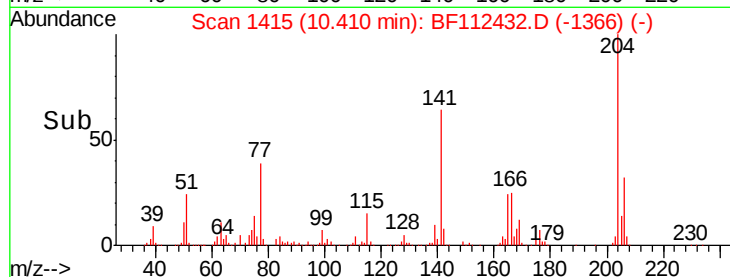
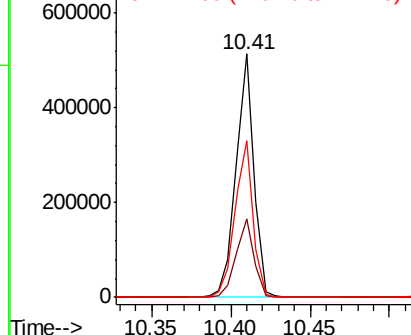


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.577 ng

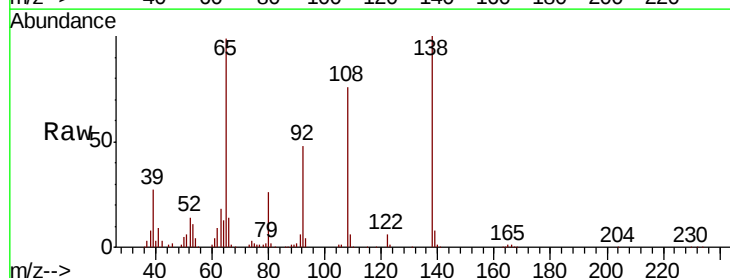
RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	138	Resp:	218040
Ion Ratio	Lower	Upper	
138	100		
92	47.9	30.6	70.6
108	76.2	50.0	90.0

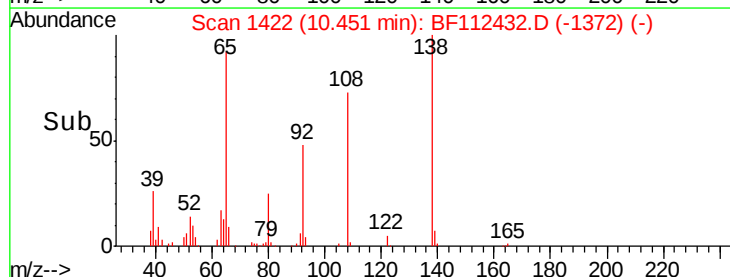
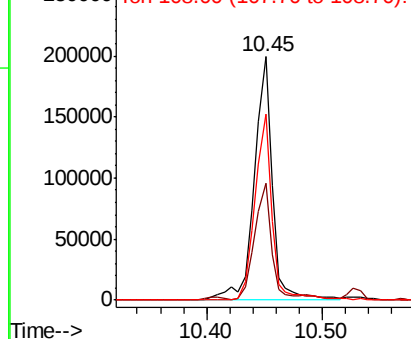


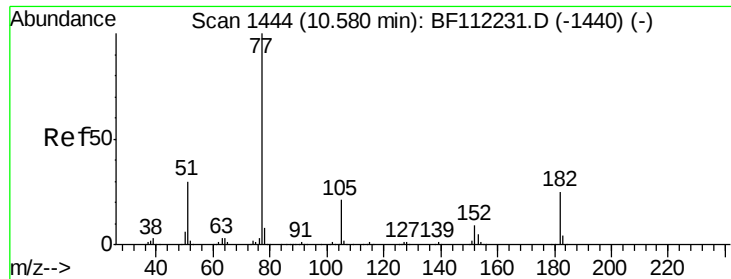
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





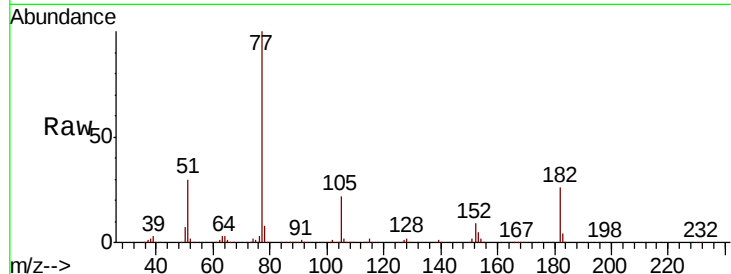
#63
Azobenzene
Concen: 39.185 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

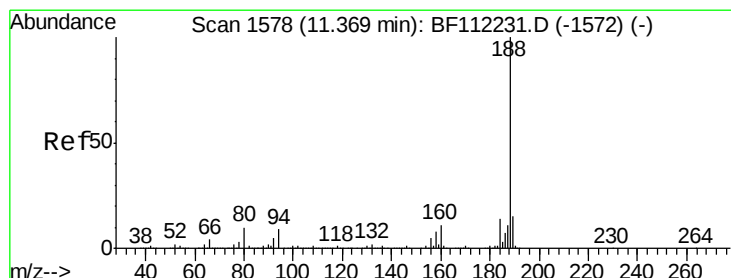
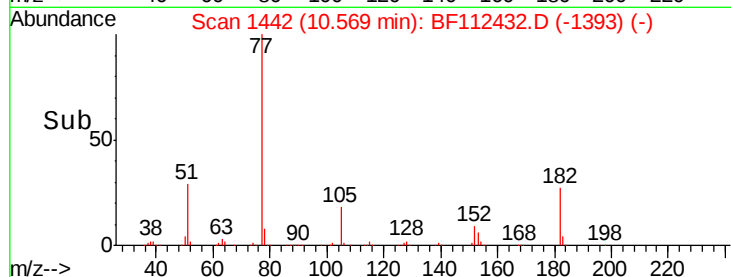
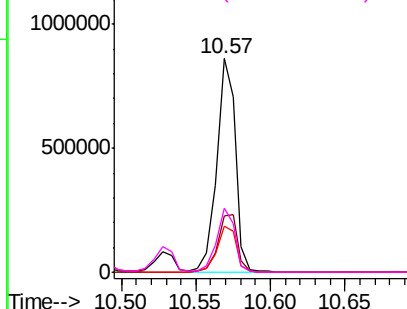
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.7	45.7
105	21.6	1.4	41.4
51	29.9	9.5	49.5

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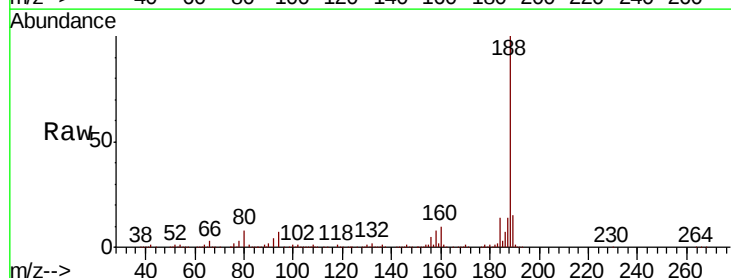


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

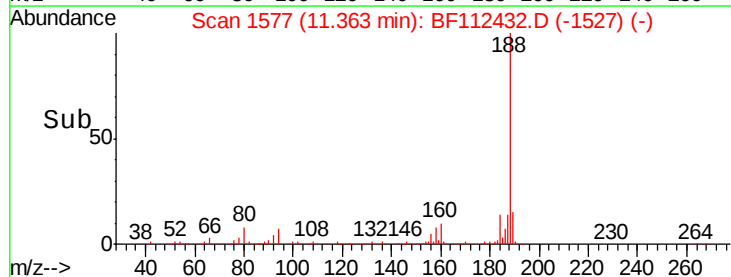
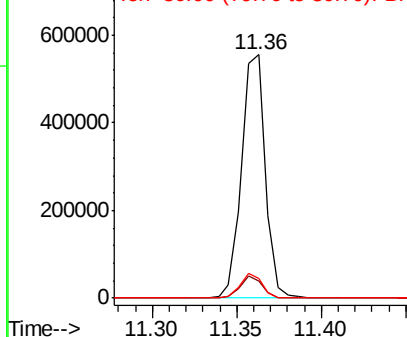


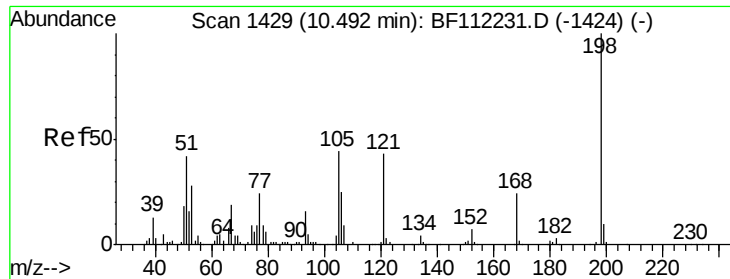
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.2	12.2#
80	8.1	8.9	13.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





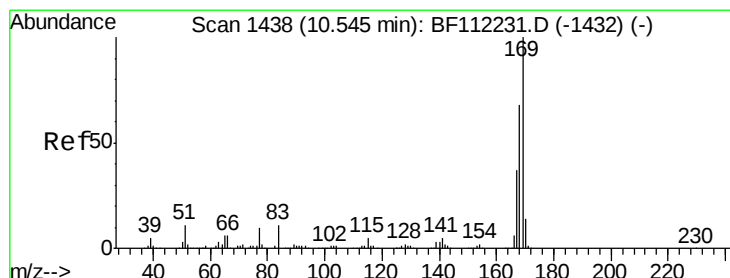
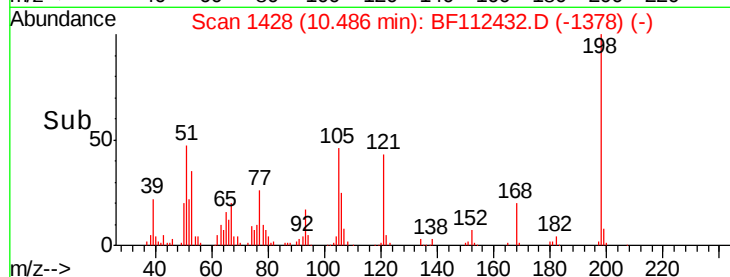
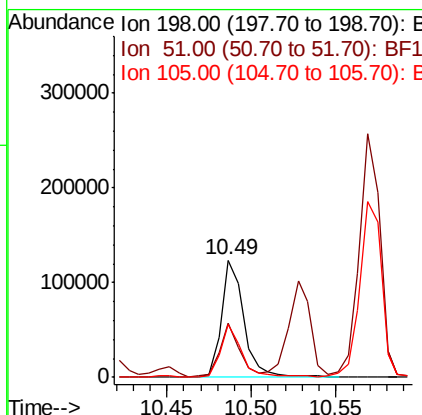
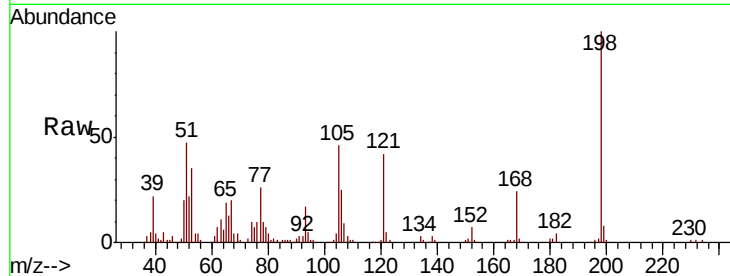
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.696 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.8	17.2	57.2
105	45.5	21.9	61.9

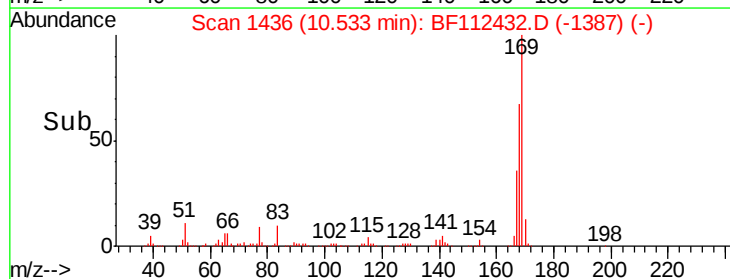
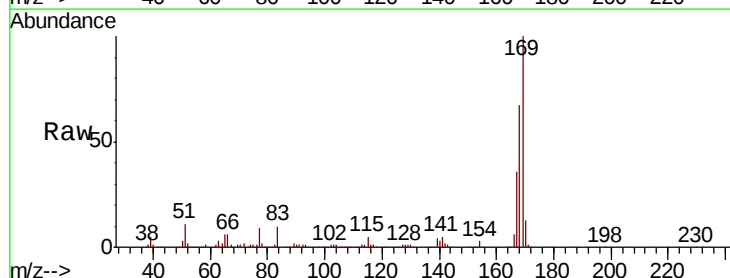
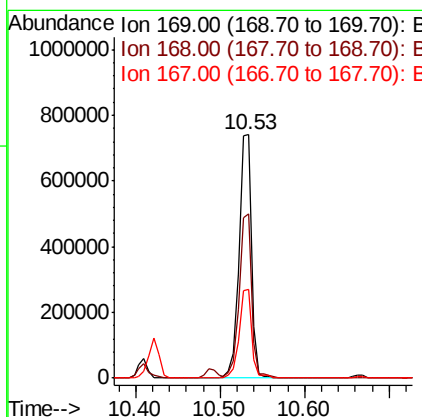
Manual Integrations
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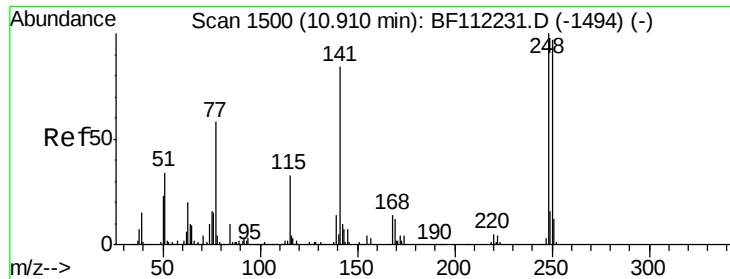
Sohil
 2/11/2019 4:49:47 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.989 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	36.3	28.9	43.3





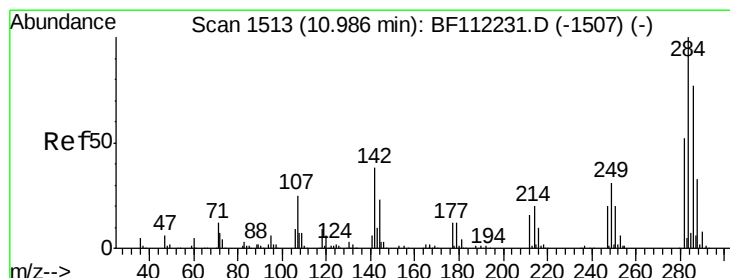
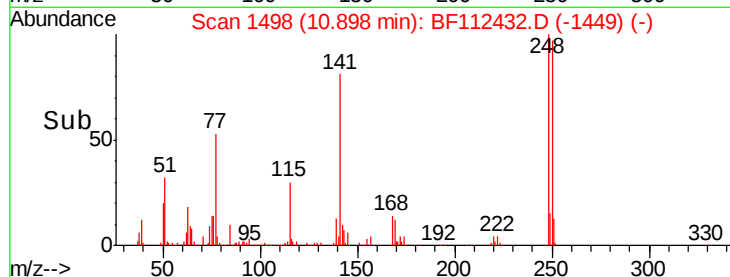
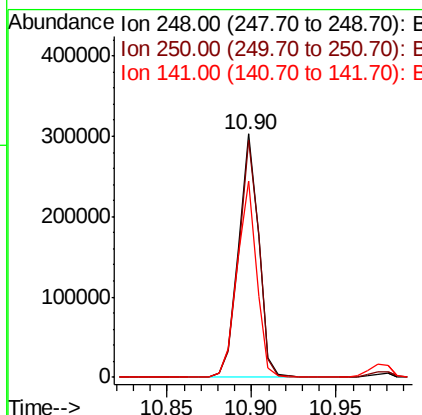
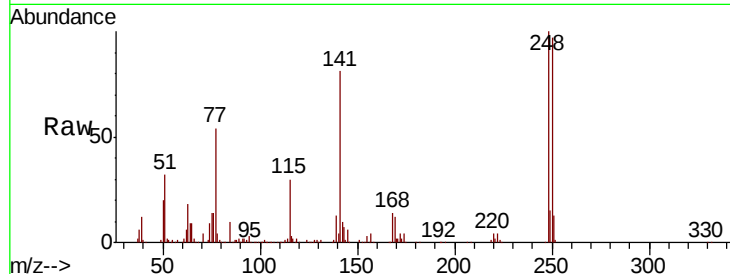
#67
 4-Bromophenyl-phenylether
 Concen: 38.840 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	250512
Ion Ratio	Lower	Upper	
248	100		
250	97.5	79.7	119.5
141	80.7	60.3	90.5

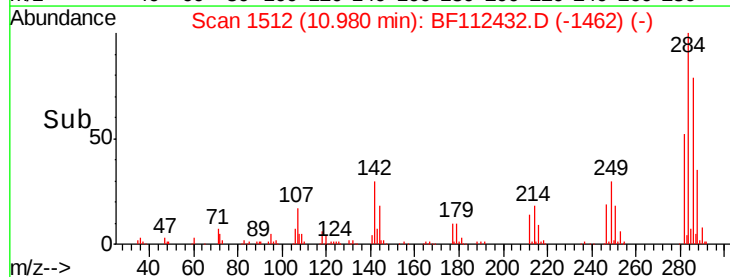
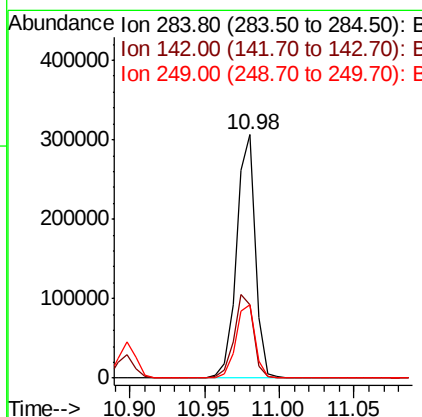
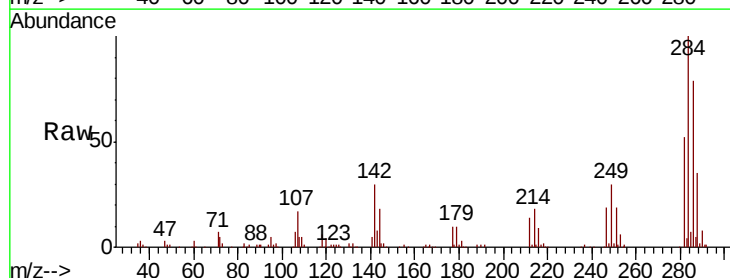
Manual Integrations
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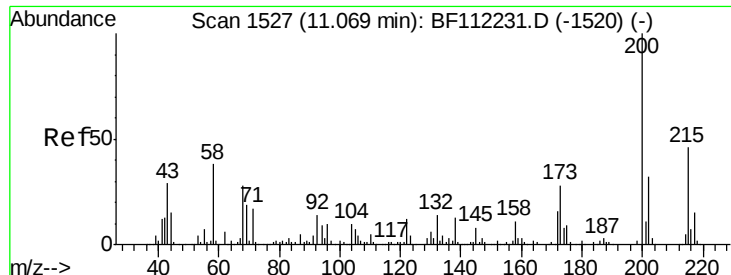
Sohil
 2/11/2019 4:49:47 PM



#68
 Hexachlorobenzene
 Concen: 39.273 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:	284	Resp:	271762
Ion Ratio	Lower	Upper	
284	100		
142	29.9	27.6	41.4
249	29.9	24.1	36.1





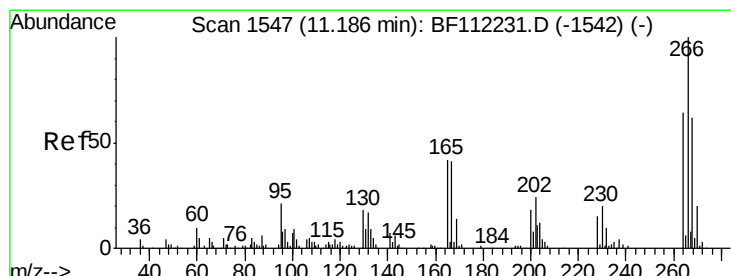
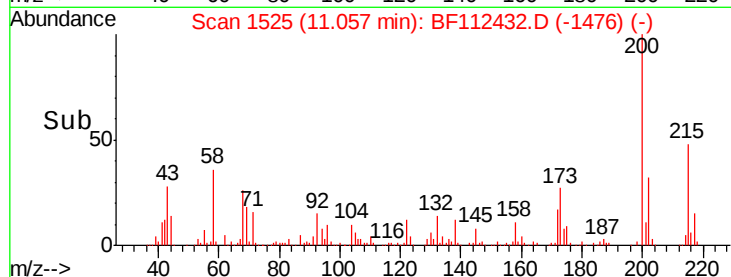
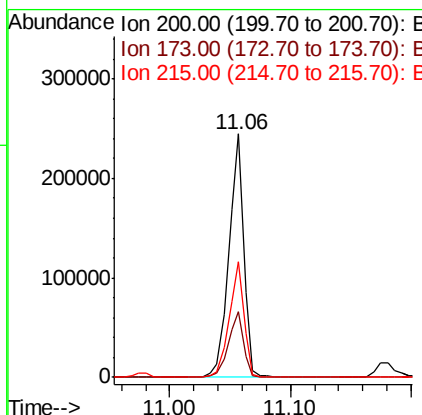
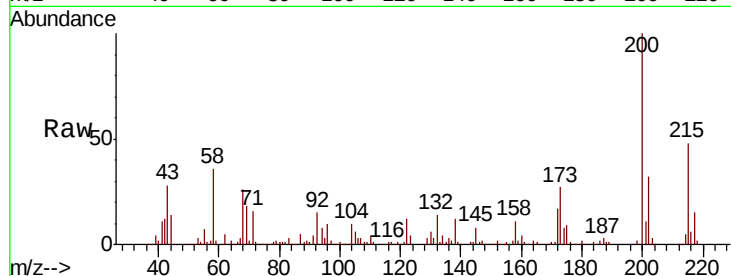
#69
Atrazine
Concen: 35.144 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	209587		
173	27.2	7.1	47.1	
215	47.5	30.4	70.4	

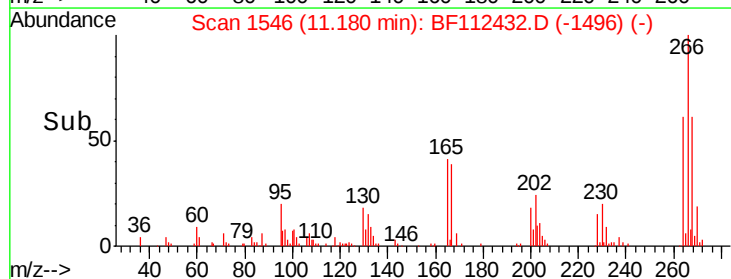
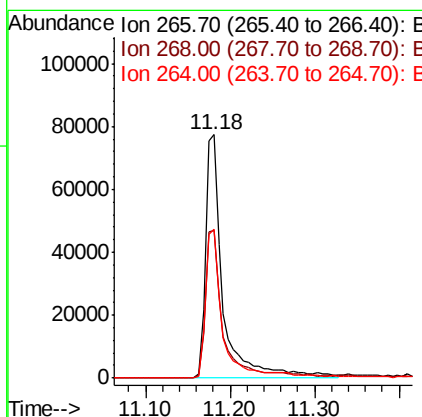
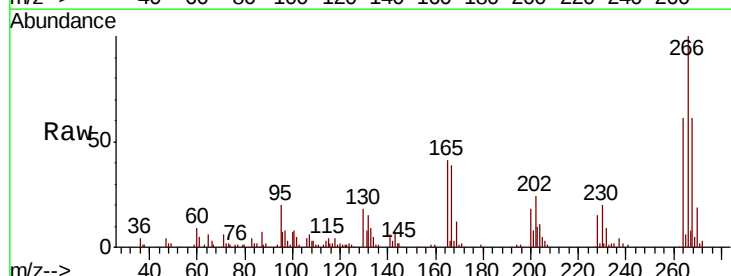
Manual Integrations
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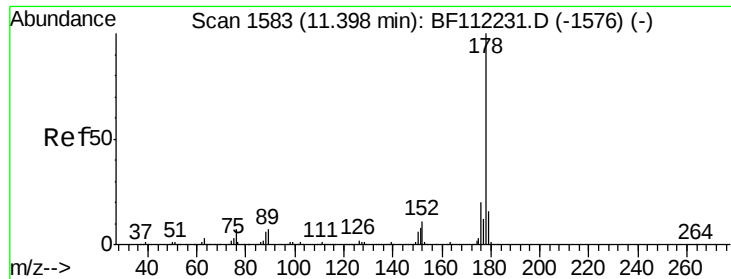
Sohil
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#70
Pentachlorophenol
Concen: 41.329 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	111282		
268	60.6	51.2	76.8	
264	61.2	50.9	76.3	





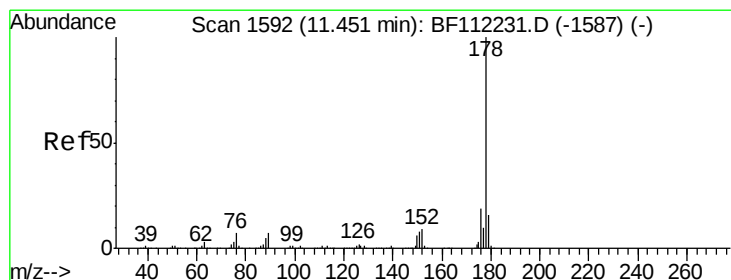
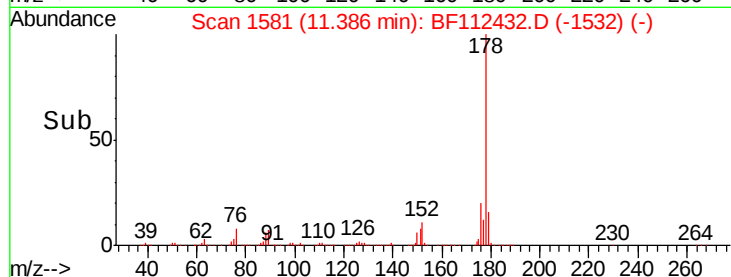
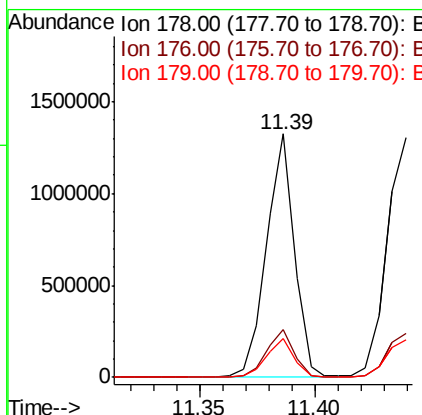
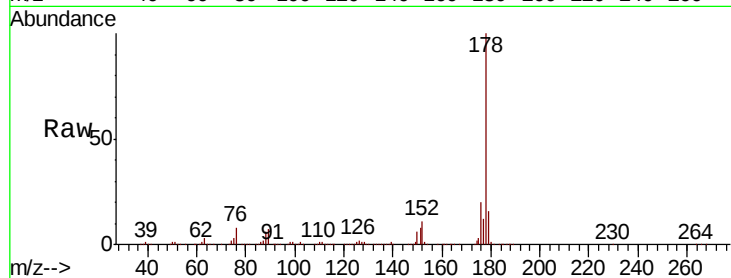
#71
Phenanthrene
Concen: 39.135 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.7	13.0	19.4

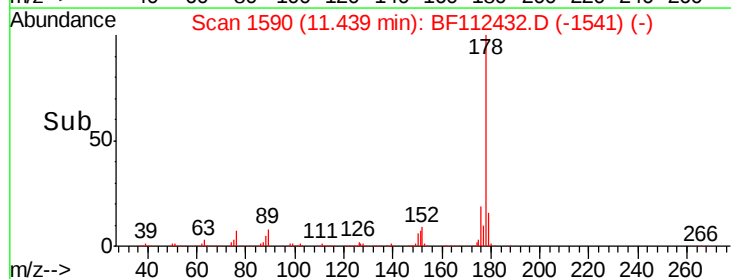
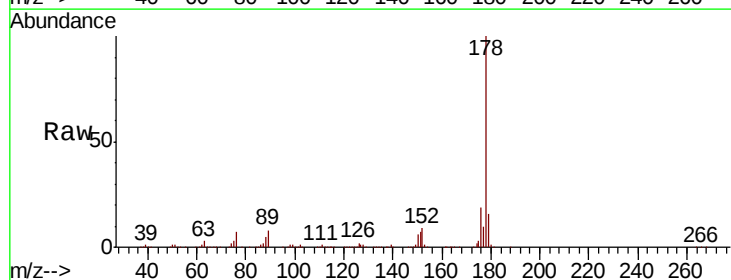
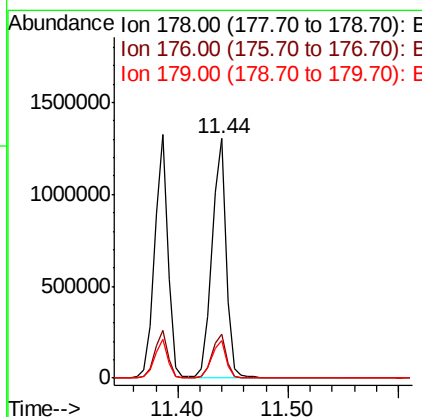
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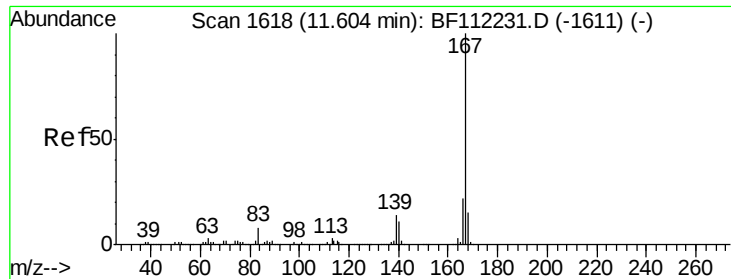
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2/11/2019 4:49:47 PM



#72
Anthracene
Concen: 40.028 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.8	19.2





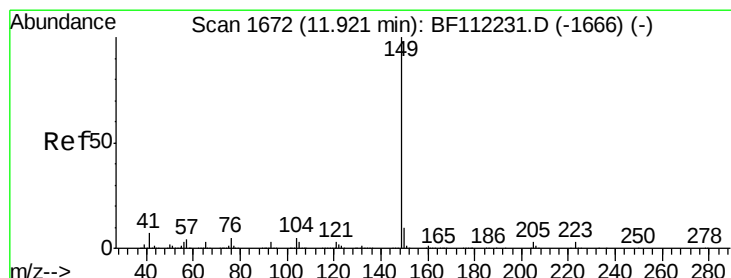
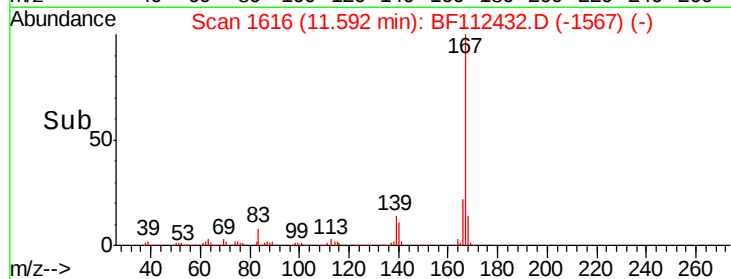
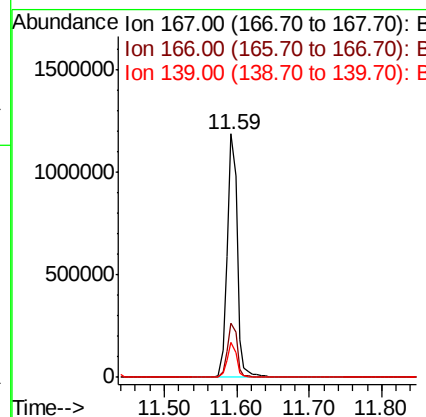
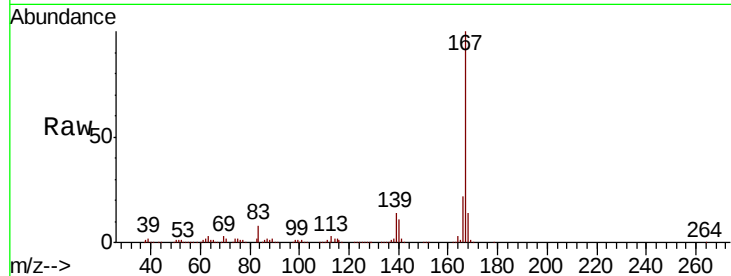
#73
 Carbazole
 Concen: 40.768 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	14.2	10.2	15.2

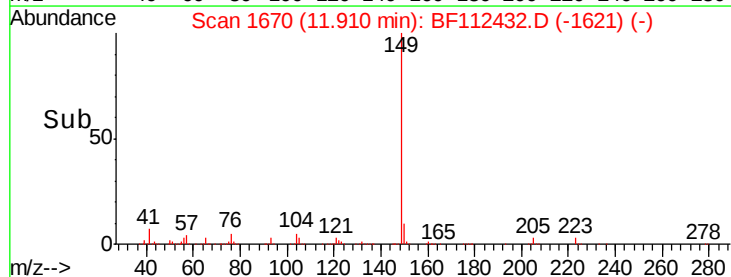
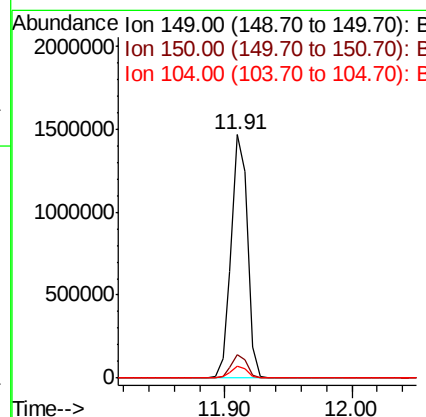
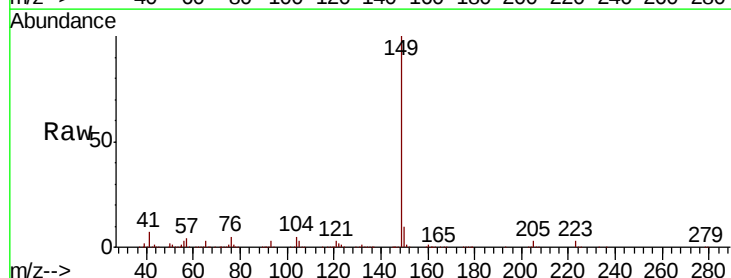
Manual Integrations
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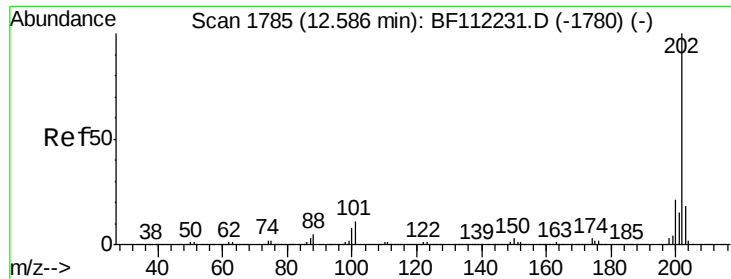
Sohil
 2/11/2019 4:49:47 PM



#74
 Di-n-butylphthalate
 Concen: 37.542 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.9	3.9	5.9





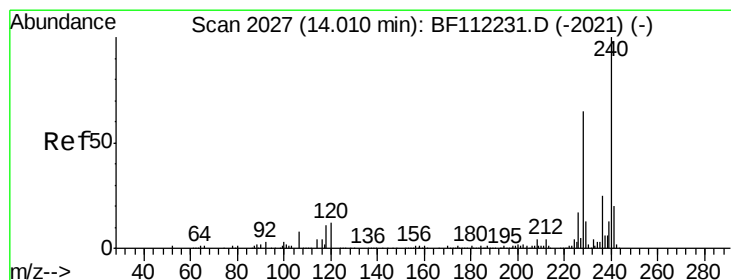
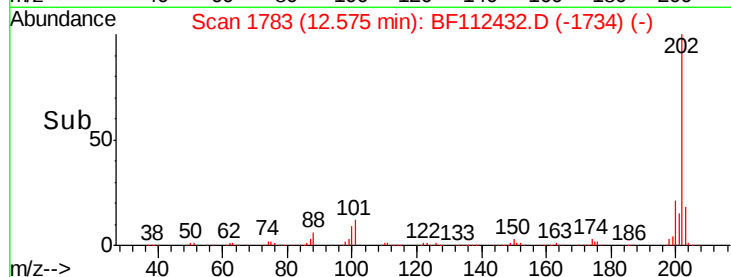
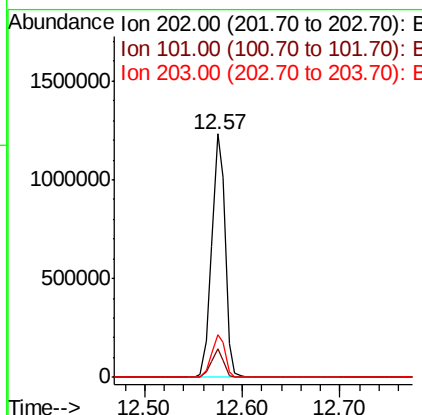
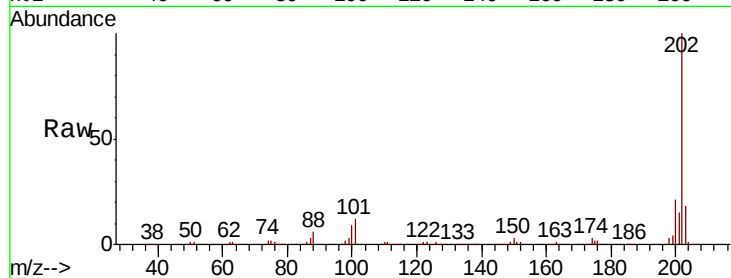
#75
 Fluoranthene
 Concen: 38.439 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.8
203	17.7	0.0	38.4

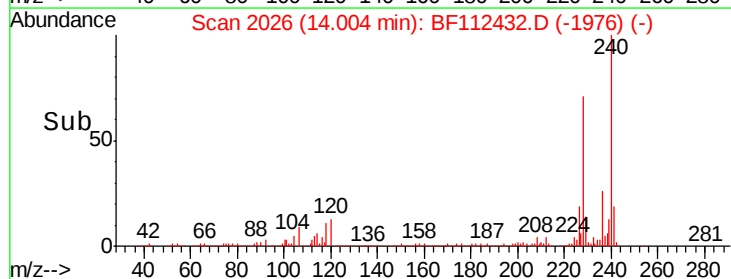
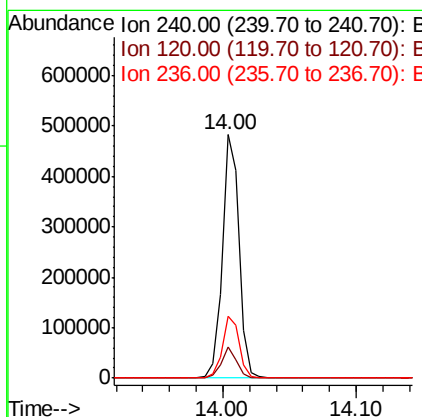
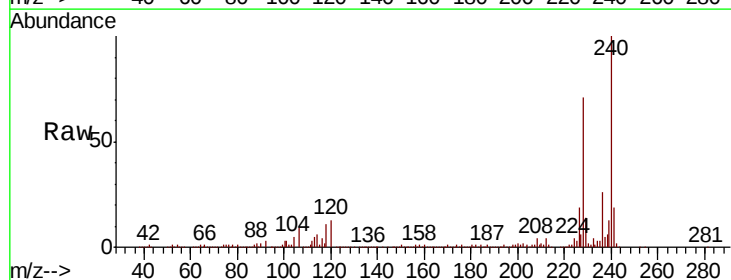
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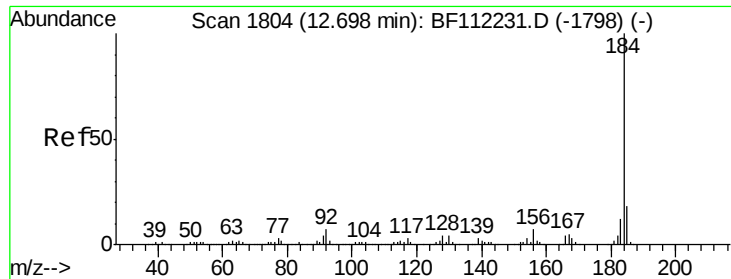
Sohil
 2/11/2019 4:49:47 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.0	13.6
236	25.5	20.7	31.1





#77

Benzidine

Concen: 36.946 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

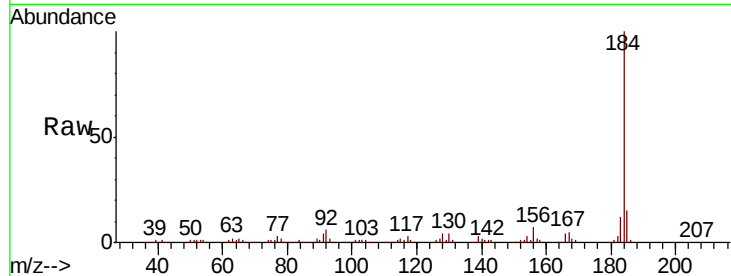
ClientSampleId :

SSTDCCC040

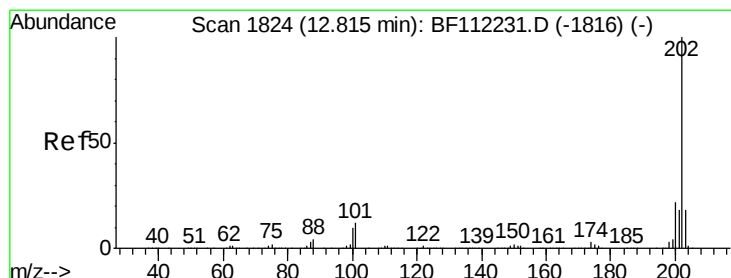
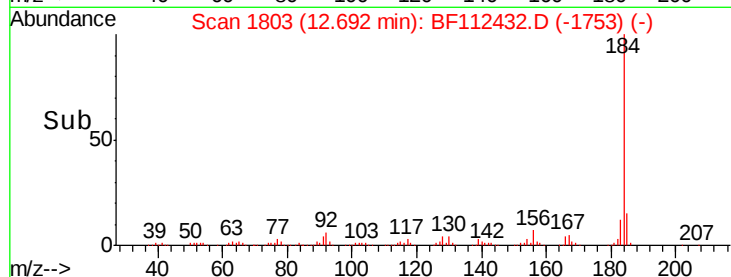
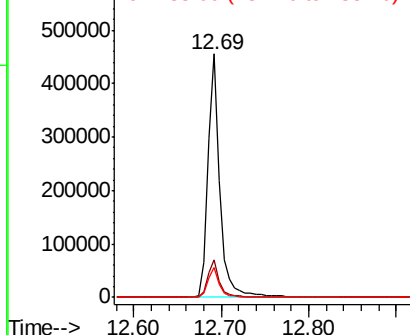
Tot Ion:	184	Resp:	433744
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.9	20.9
183	12.2	10.0	15.0

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



#78

Pyrene

Concen: 40.961 ng

RT: 12.80 min Scan# 1822

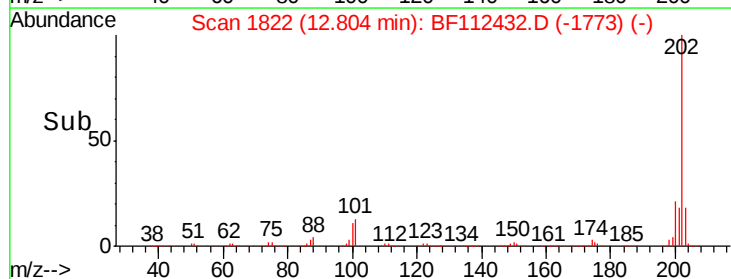
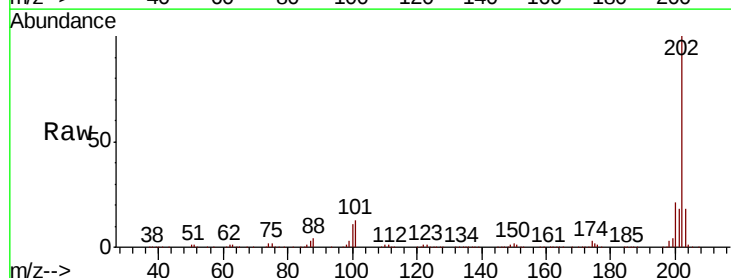
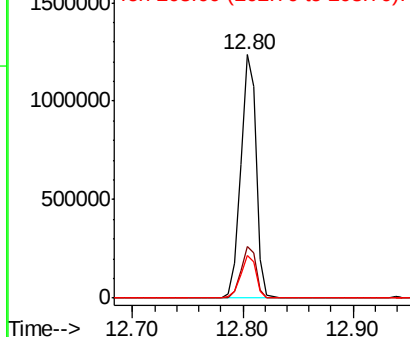
Delta R.T. -0.01 min

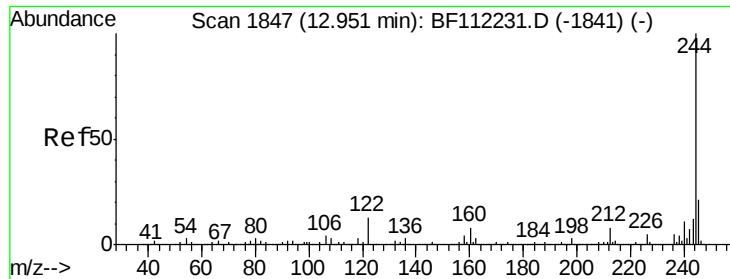
Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:	202	Resp:	1209646
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.7	14.6	22.0

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





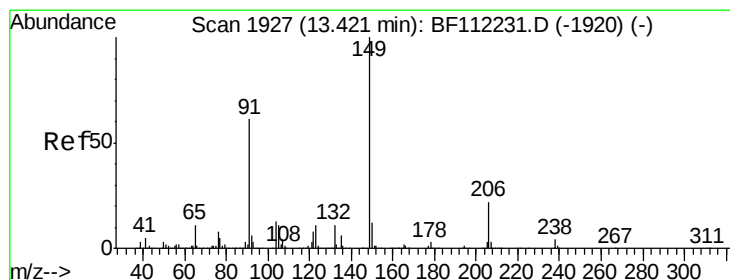
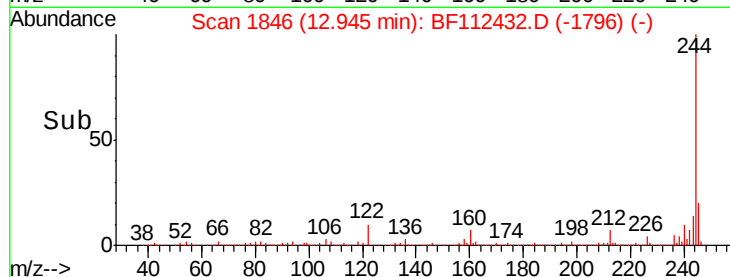
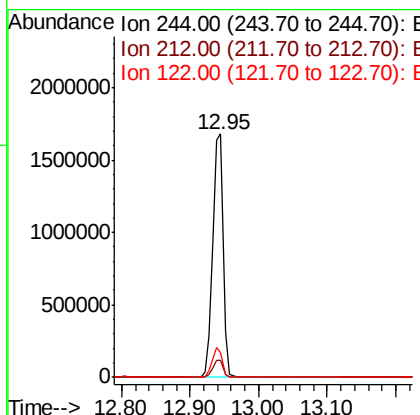
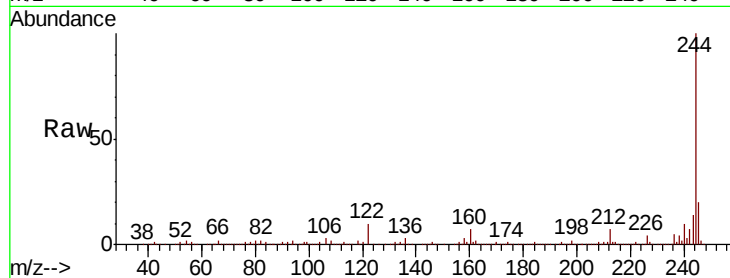
#79
 Terphenyl-d14
 Concen: 77.096 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1746006
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.2 9.8 14.6

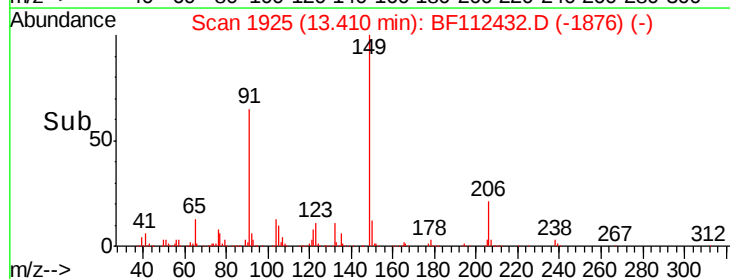
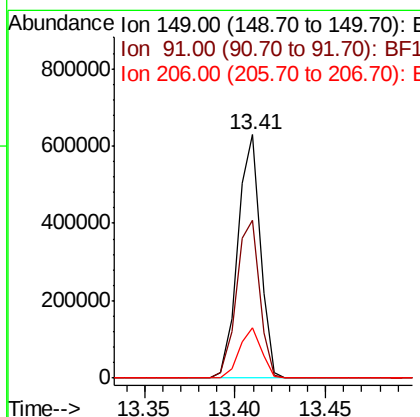
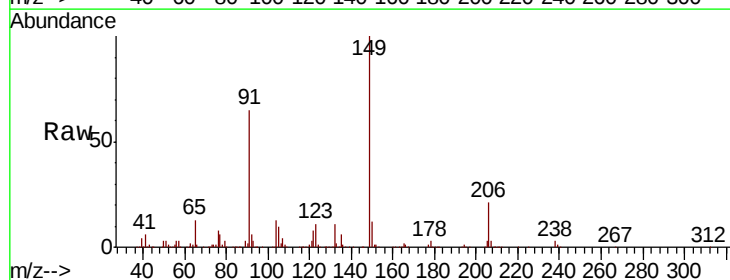
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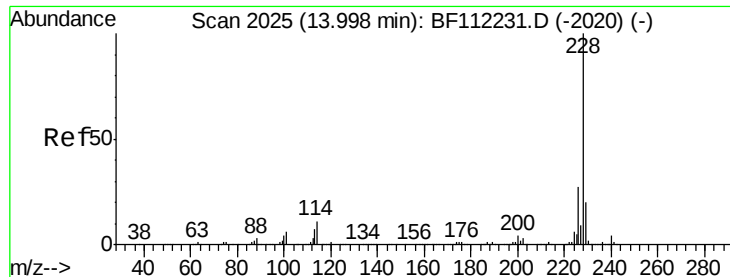
Sohil
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#80
 Butylbenzylphthalate
 Concen: 37.999 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:149 Resp: 542929
 Ion Ratio Lower Upper
 149 100
 91 65.0 50.3 75.5
 206 20.6 18.2 27.4





#81

Benzo(a)anthracene

Concen: 39.942 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:228 Resp: 1001518

Ion Ratio Lower Upper

228 100

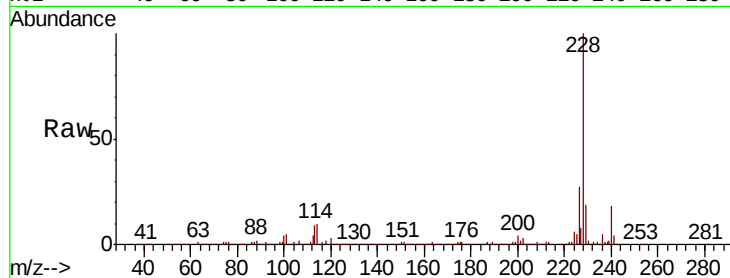
226 27.4 22.6 34.0

229 19.1 16.5 24.7

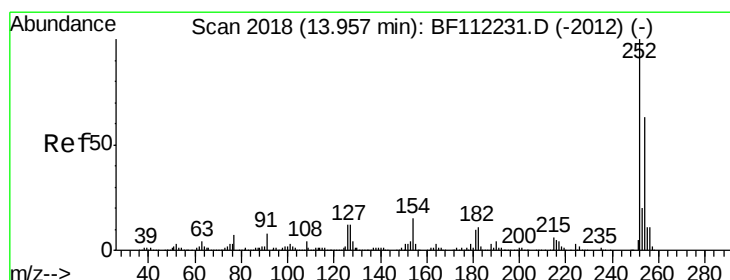
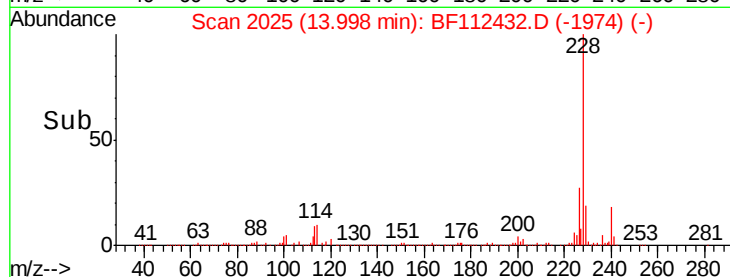
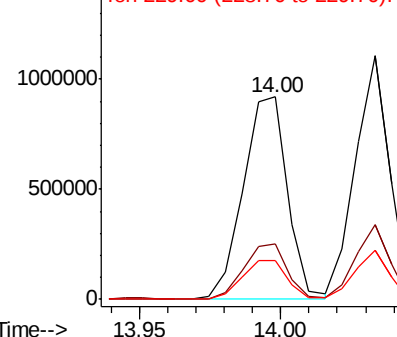
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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.101 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

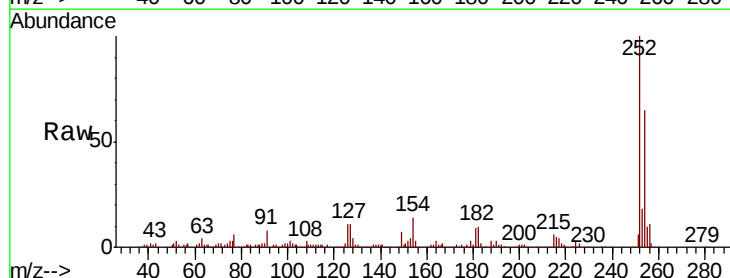
Tgt Ion:252 Resp: 366922

Ion Ratio Lower Upper

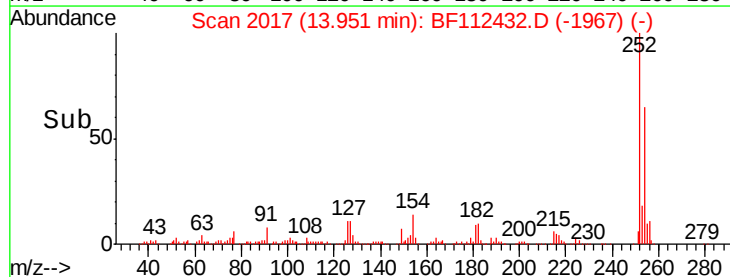
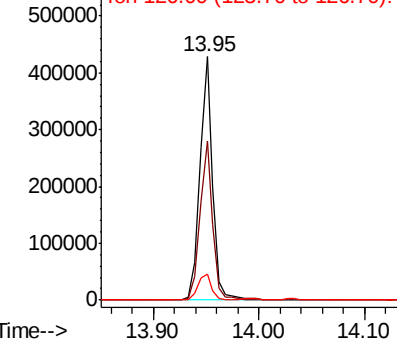
252 100

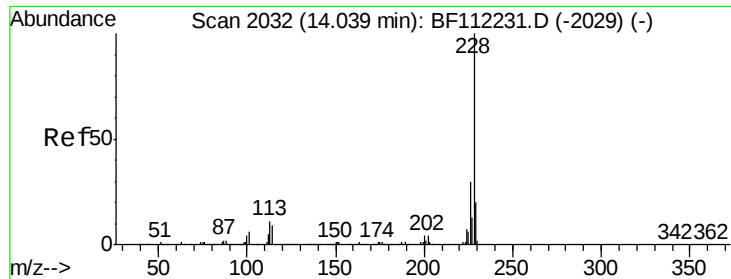
254 65.4 51.6 77.4

126 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





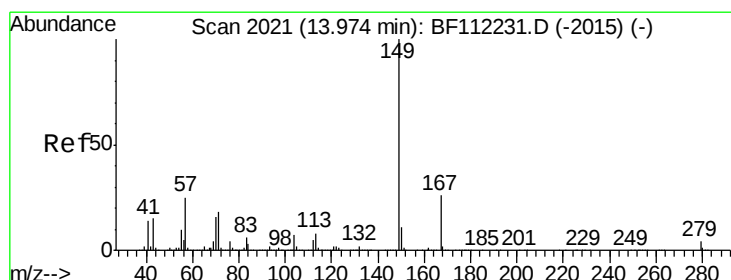
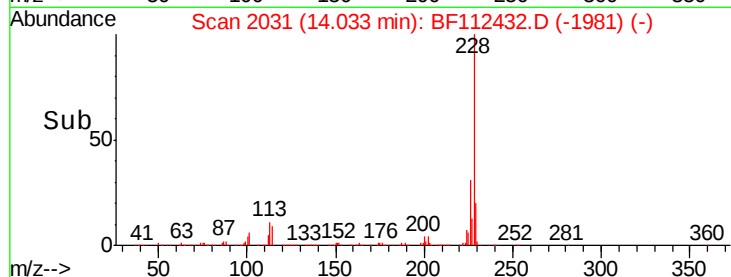
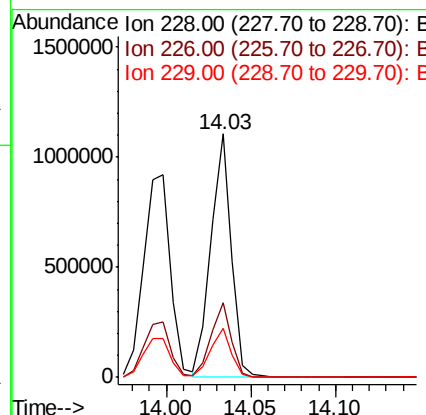
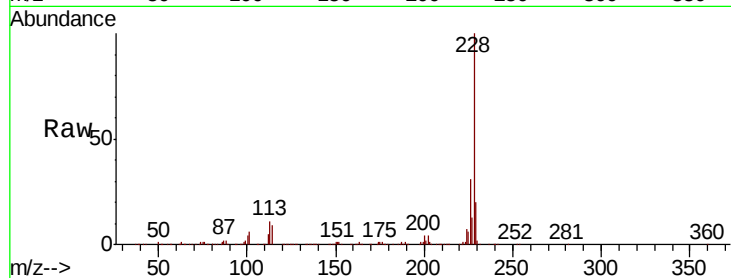
#83
Chrysene
Concen: 39.167 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.6	24.8

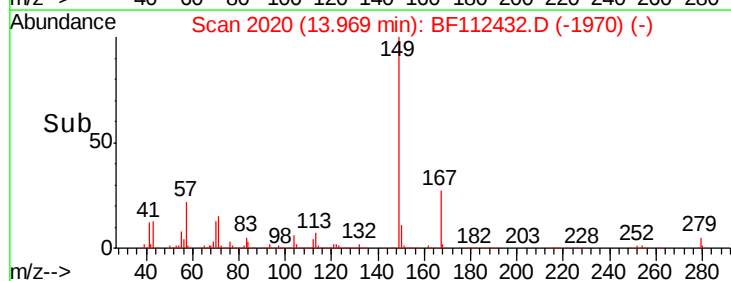
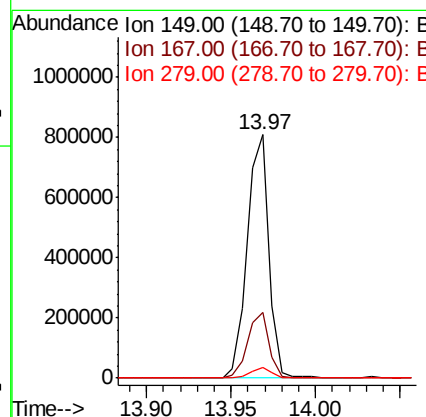
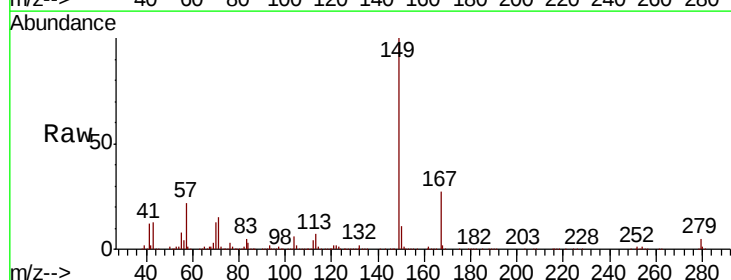
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.595 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.6	3.8	5.6





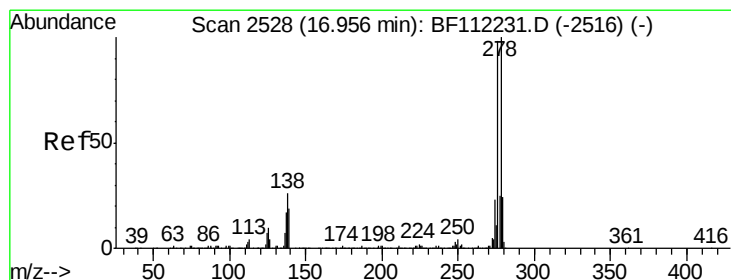
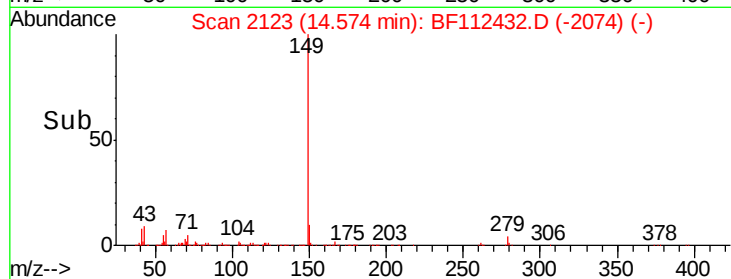
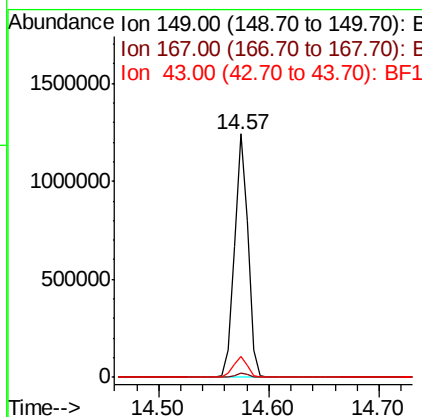
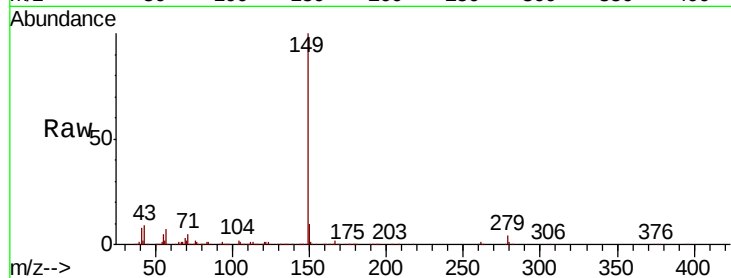
#85
Di-n-octyl phthalate
Concen: 34.162 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.8	11.6

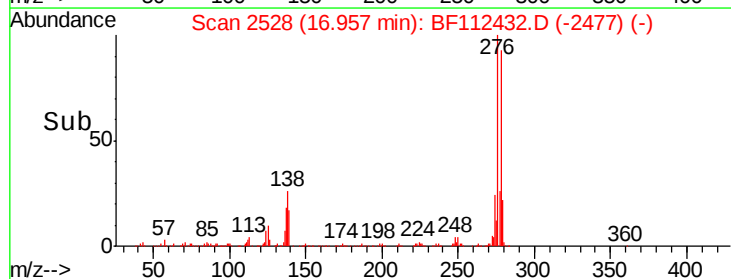
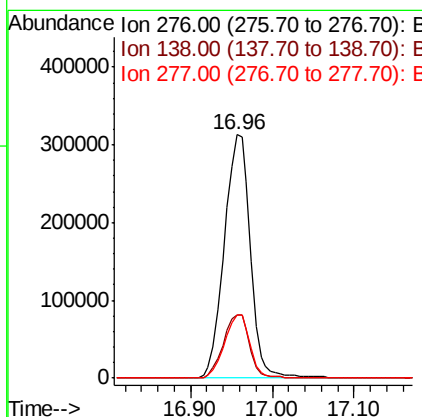
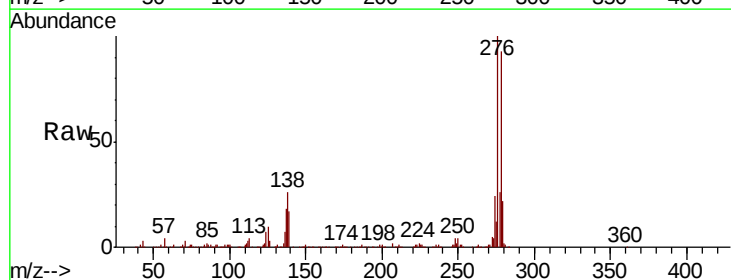
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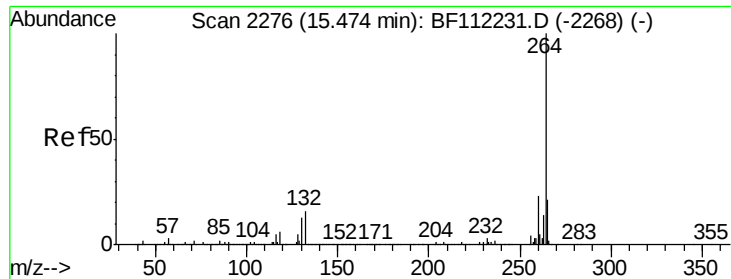
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.725 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.6	34.0
277	25.6	20.3	30.5





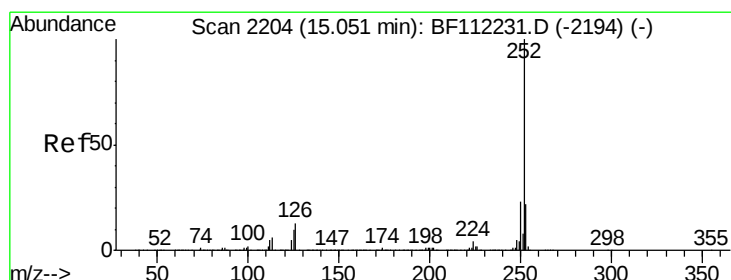
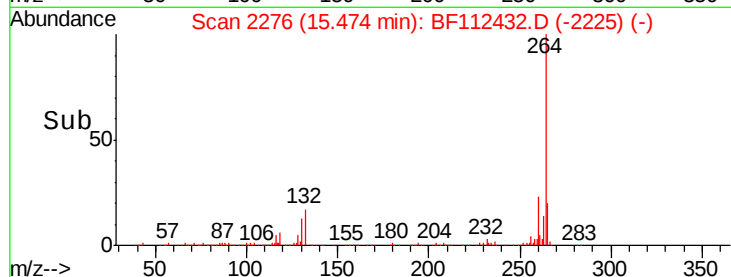
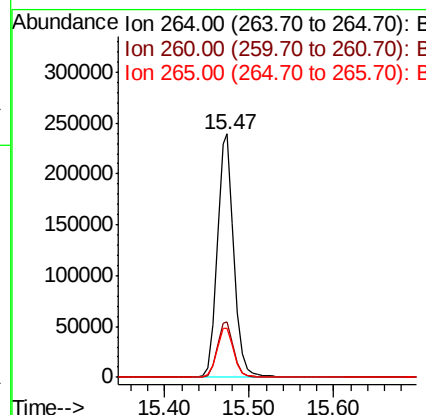
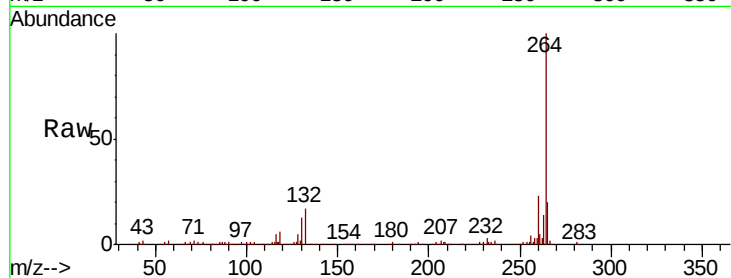
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	20.2	17.0	25.4

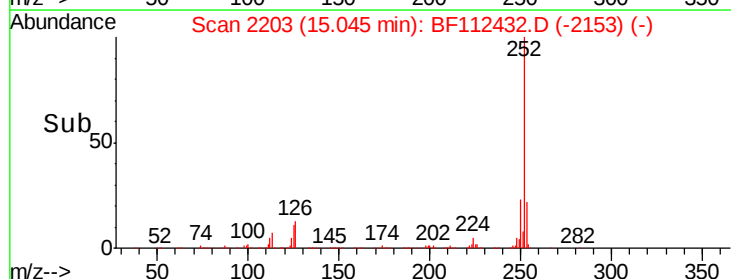
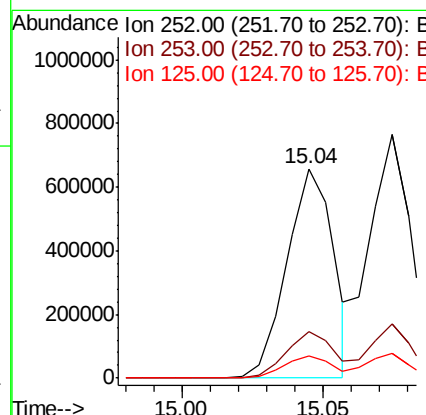
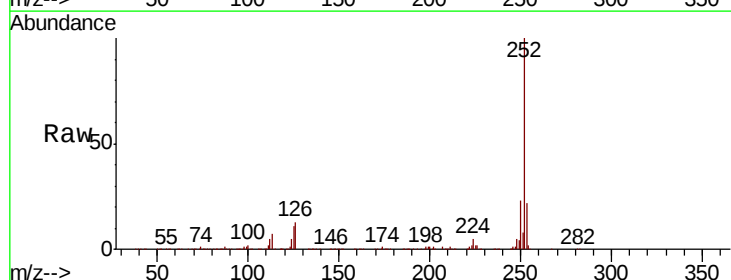
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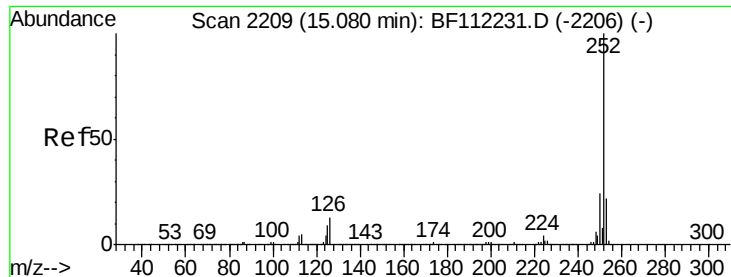
Sohil
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#88
Benzo(b)fluoranthene
Concen: 38.155 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.9	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 41.687 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

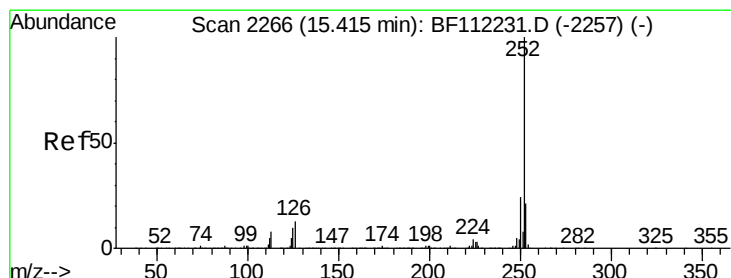
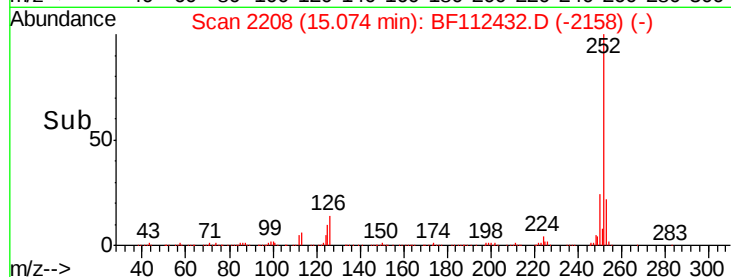
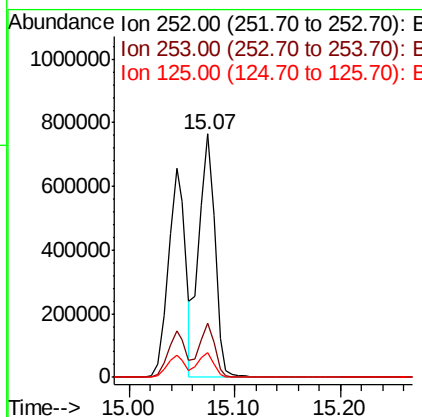
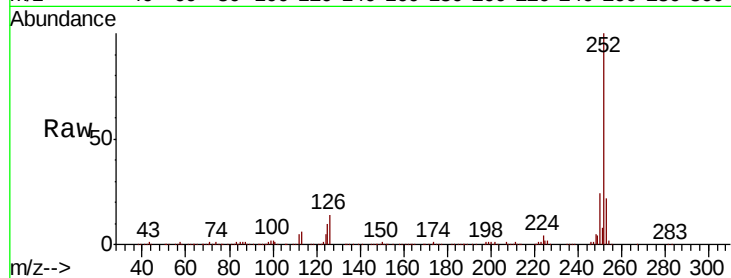
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.2	9.1	13.7

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 39.839 ng

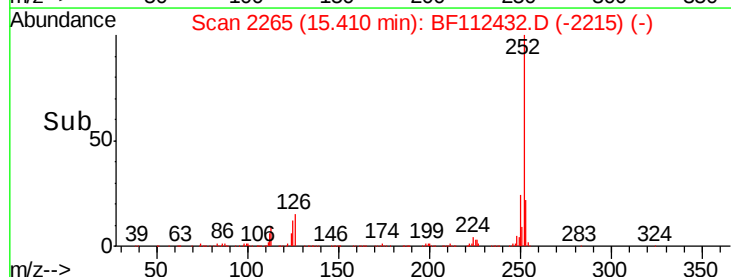
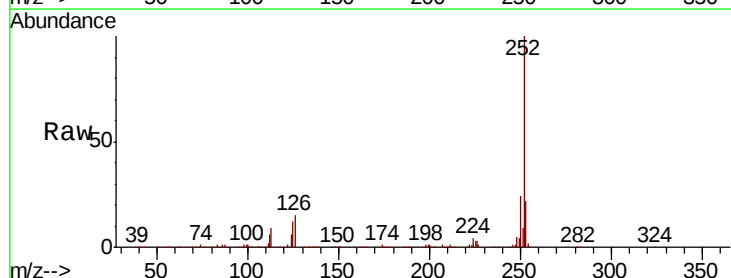
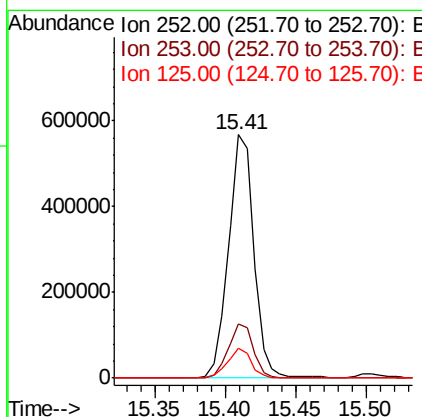
RT: 15.41 min Scan# 2265

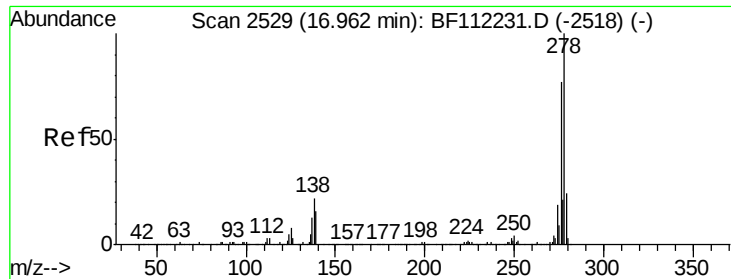
Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.0	9.0	13.4





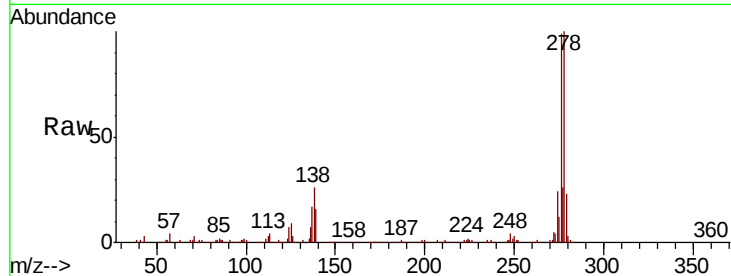
#91
Dibenzo(a,h)anthracene
Concen: 40.589 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.7	20.5
279	23.0	19.0	28.6

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2/11/2019 4:49:47 PM

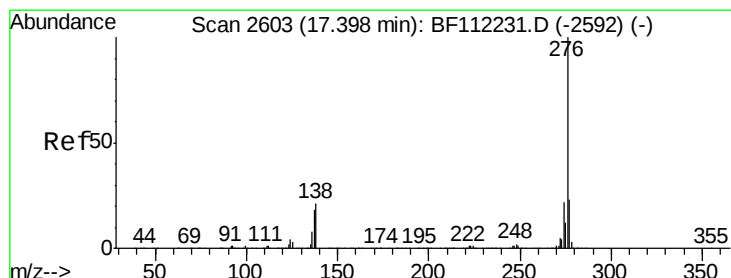
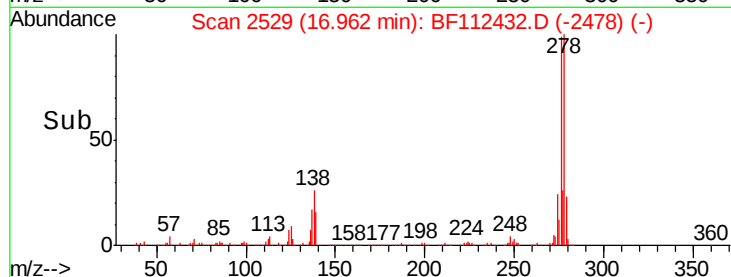
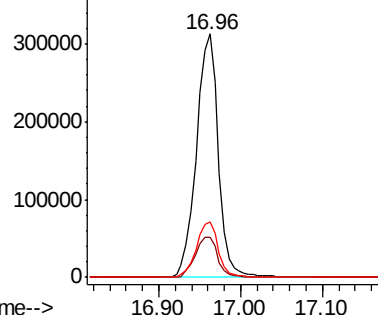


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.906 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	21.2	19.1	28.7

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

