

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111946.D
 Acq On : 9 Jan 2019 13:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:45:51 AM

Quant Time: Jan 10 02:00:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126518	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	463134	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	231631	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	391227	20.00	ng	0.00
76) Chrysene-d12	14.06	240	327881	20.00	ng	0.00
87) Perylene-d12	15.54	264	235499	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	642134	86.83	ng	0.00
7) Phenol-d6	6.53	99	775953	81.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	689280	79.54	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	237100	78.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1269654	79.93	ng	0.00
79) Terphenyl-d14	13.00	244	1443735	83.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	147145	45.506	ng	98
3) Pyridine	3.43	79	391135	46.668	ng	99
4) n-Nitrosodimethylamine	3.39	42	186331	44.684	ng	99
6) Aniline	6.55	93	472425	40.992	ng	# 70
8) 2-Chlorophenol	6.68	128	343335	41.811	ng	93
9) Benzaldehyde	6.43	77	230542	46.625	ng	99
10) Phenol	6.55	94	428273	41.341	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	317649	39.635	ng	98
12) 1,3-Dichlorobenzene	6.83	146	388569	40.818	ng	98
13) 1,4-Dichlorobenzene	6.90	146	389738	40.345	ng	99
14) 1,2-Dichlorobenzene	7.06	146	357455	38.710	ng	97
15) Benzyl Alcohol	7.03	79	294513	39.052	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	506037	37.034	ng	95
17) 2-Methylphenol	7.15	107	254140	38.507	ng	98
18) Hexachloroethane	7.40	117	127986	37.946	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	238237	38.469	ng	99
20) 3+4-Methylphenols	7.30	107	326537	39.755	ng	93
22) Acetophenone	7.29	105	474003	40.426	ng	99
24) Nitrobenzene	7.47	77	347785	39.674	ng	98
25) Isophorone	7.70	82	516274	36.792	ng	99
26) 2-Nitrophenol	7.79	139	162505	37.650	ng	96
27) 2,4-Dimethylphenol	7.83	122	231844	37.150	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	355432	37.948	ng	100
29) 2,4-Dichlorophenol	8.03	162	278914	38.867	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	320654	40.504	ng	98
31) Naphthalene	8.19	128	868851	39.520	ng	100
32) Benzoic acid	7.95	122	136987m	33.825	ng	
33) 4-Chloroaniline	8.24	127	372152	39.158	ng	98
34) Hexachlorobutadiene	8.31	225	189699	38.491	ng	98
35) Caprolactam	8.62	113	94460	40.288	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	282464	39.588	ng	97
37) 2-Methylnaphthalene	8.88	142	579002	42.502	ng	100
38) 1-Methylnaphthalene	8.98	142	542012	41.482	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	292694	39.636	ng	99

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 SSTDCCC040EC

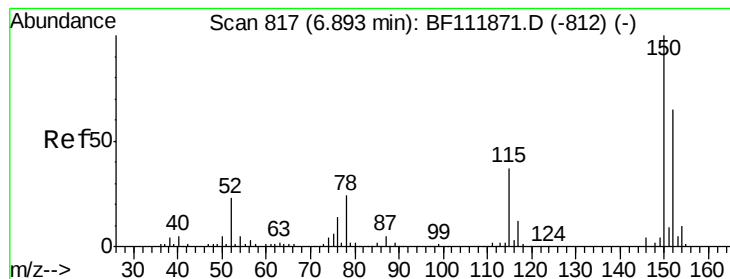
Manual Integrations
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 1/10/2019 11:45:51 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	126028	29.517	nq	97
43) 2,4,6-Trichlorophenol	9.16	196	201170	40.164	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	210040	40.025	nq	98
46) 1,1'-Biphenyl	9.35	154	801512	41.367	nq	99
47) 2-Chloronaphthalene	9.37	162	612855	40.302	nq	99
48) 2-Nitroaniline	9.46	65	190831	41.046	nq	98
49) Acenaphthylene	9.79	152	867435	38.584	nq	99
50) Dimethylphthalate	9.65	163	675860	38.842	nq	99
51) 2,6-Dinitrotoluene	9.71	165	156488	40.217	nq	89
52) Acenaphthene	9.96	154	554681	38.271	nq	99
53) 3-Nitroaniline	9.87	138	154775	37.143	nq	100
54) 2,4-Dinitrophenol	9.98	184	45784	27.788	nq	# 87
55) Dibenzofuran	10.13	168	801306	38.016	nq	98
56) 4-Nitrophenol	10.05	139	105390	35.795	nq	95
57) 2,4-Dinitrotoluene	10.11	165	196629	39.108	nq	91
58) Fluorene	10.47	166	655548	42.742	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	167585	37.903	nq	99
60) Diethylphthalate	10.35	149	688317	40.876	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	364845	42.421	nq	100
62) 4-Nitroaniline	10.49	138	171397	43.366	nq	99
63) Azobenzene	10.63	77	679708	42.254	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	85890	35.580	nq	92
66) n-Nitrosodiphenylamine	10.58	169	604090	46.013	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	232060	45.796	nq	92
68) Hexachlorobenzene	11.03	284	250043	44.524	nq	94
69) Atrazine	11.11	200	212644	46.100	nq	98
70) Pentachlorophenol	11.22	266	125789	39.362	nq	97
71) Phenanthrene	11.44	178	851335	40.701	nq	99
72) Anthracene	11.49	178	848559	39.963	nq	99
73) Carbazole	11.65	167	791456	38.319	nq	99
74) Di-n-butylphthalate	11.97	149	938822	39.132	nq	100
75) Fluoranthene	12.63	202	949912	44.237	nq	99
77) Benzidine	12.74	184	448716	45.800	nq	99
78) Pyrene	12.86	202	951555	42.178	nq	99
80) Butylbenzylphthalate	13.47	149	412214	43.219	nq	92
81) Benzo(a)anthracene	14.04	228	761846	40.373	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	291659	41.866	nq	99
83) Chrysene	14.08	228	725948	40.348	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	546099	43.598	nq	99
85) Di-n-octyl phthalate	14.64	149	769854	42.948	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	502867	38.337	nq	99
88) Benzo(b)fluoranthene	15.10	252	541599	38.446	nq	99
89) Benzo(k)fluoranthene	15.13	252	540390	40.809	nq	100
90) Benzo(a)pyrene	15.47	252	507875	41.002	nq	100
91) Dibenzo(a,h)anthracene	17.05	278	426290	42.789	nq	98
92) Benzo(g,h,i)perylene	17.49	276	389243	39.946	nq	97

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



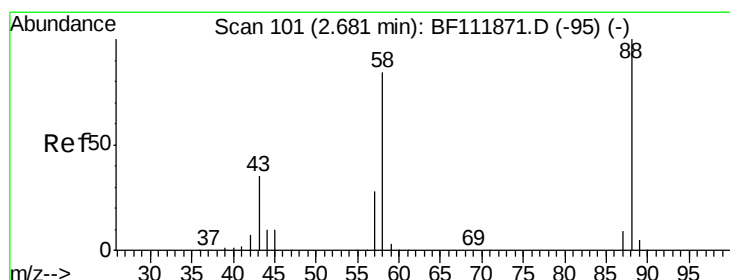
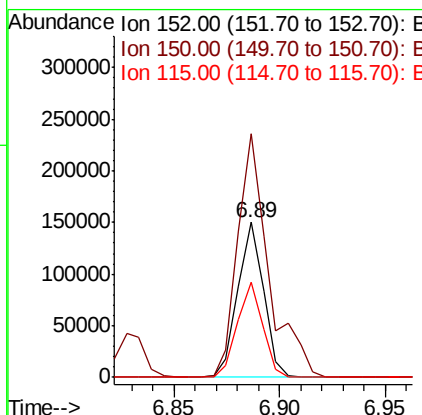
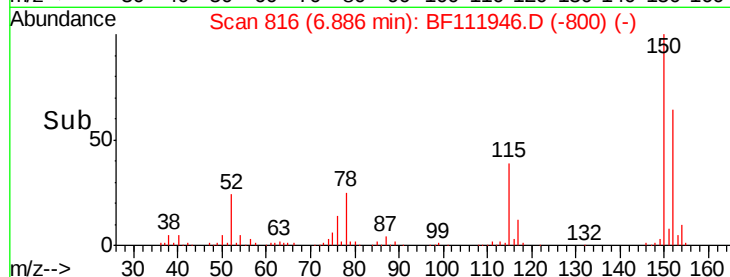
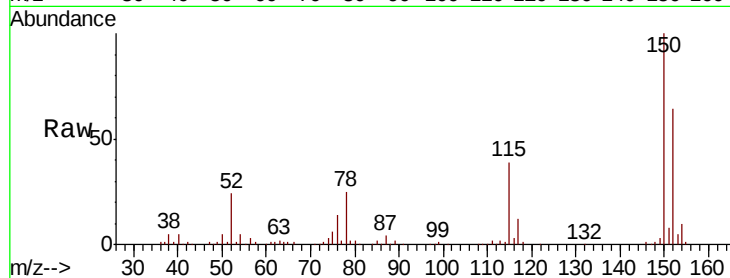
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.8	45.2	67.8

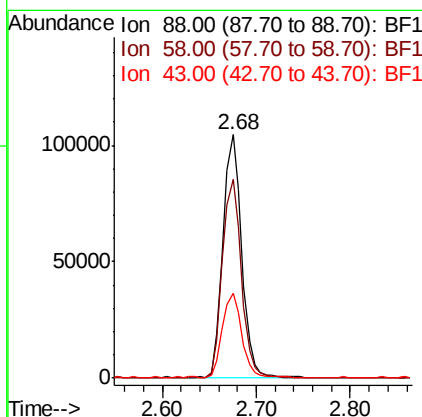
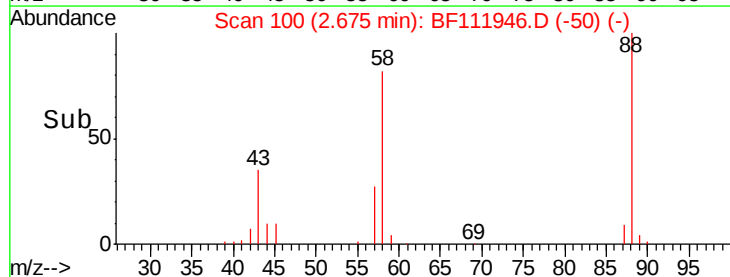
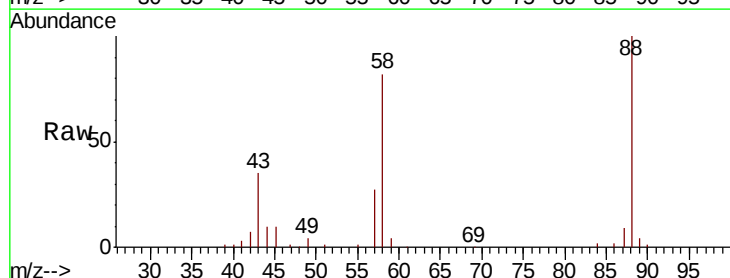
Manual Integrations
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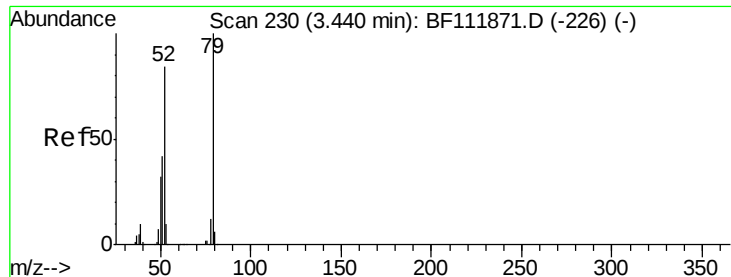
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#2
 1,4-Dioxane
 Concen: 45.506 ng
 RT: 2.68 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	67.6	101.4
43	36.7	29.0	43.6





#3

Pvridine

Concen: 46.668 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

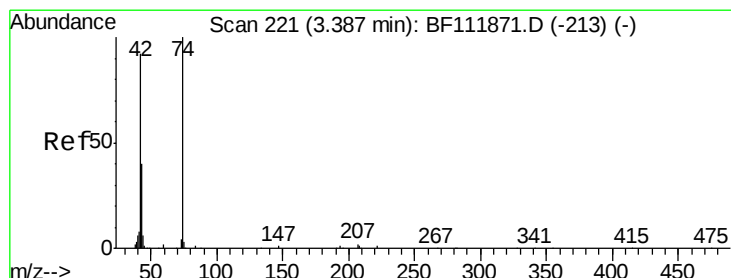
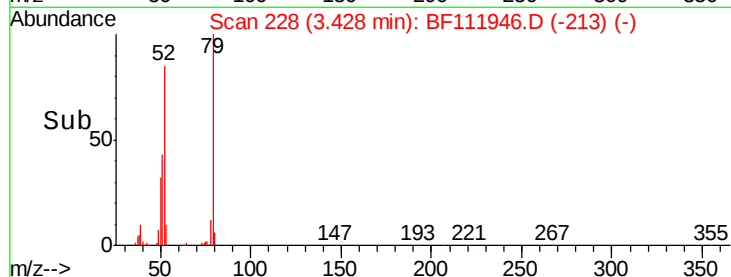
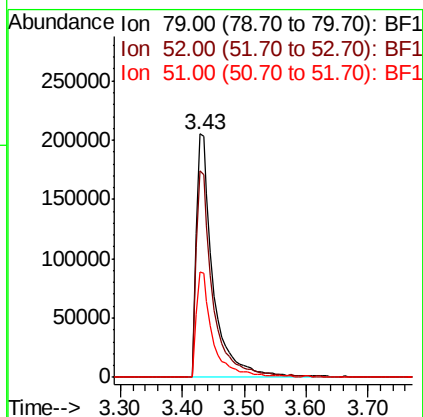
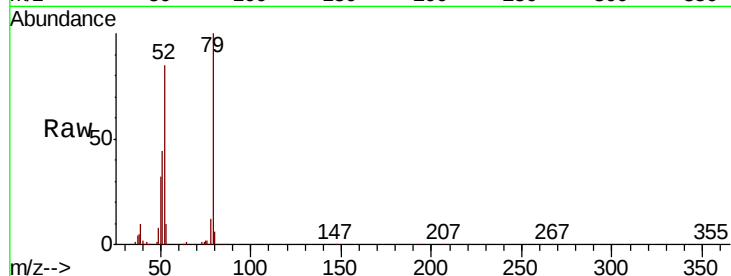
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	391135
Ion Ratio	Lower	Upper	
79	100		
52	84.7	67.0	100.6
51	43.5	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 44.684 ng

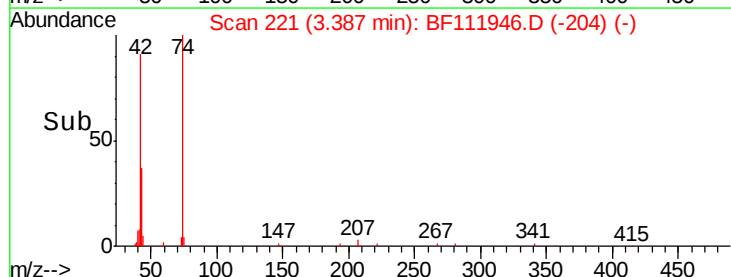
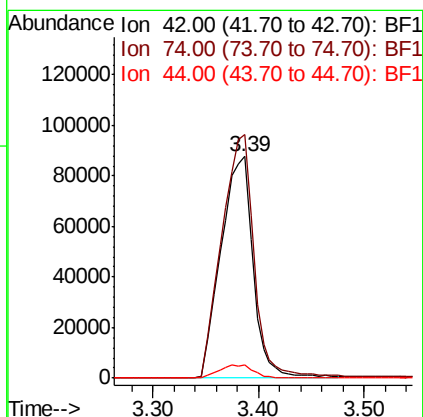
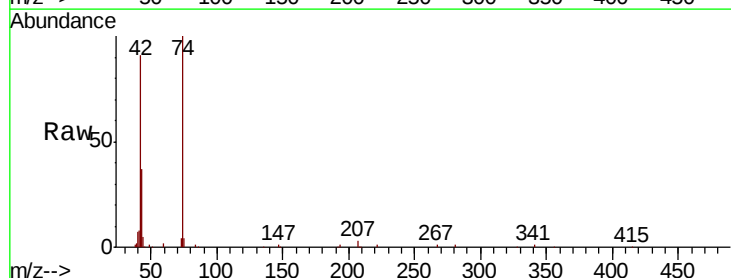
RT: 3.39 min Scan# 221

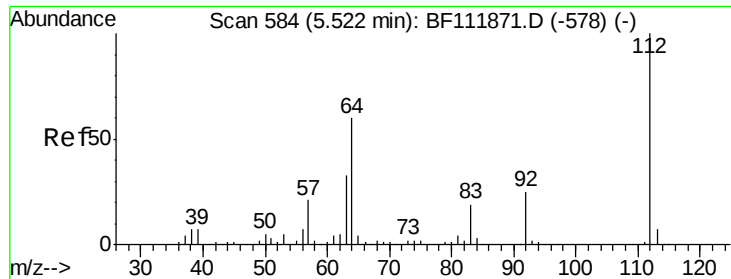
Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	42	Resp:	186331
Ion Ratio	Lower	Upper	
42	100		
74	109.8	87.0	130.6
44	5.8	5.5	8.3





#5

2-Fluorophenol

Concen: 86.831 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

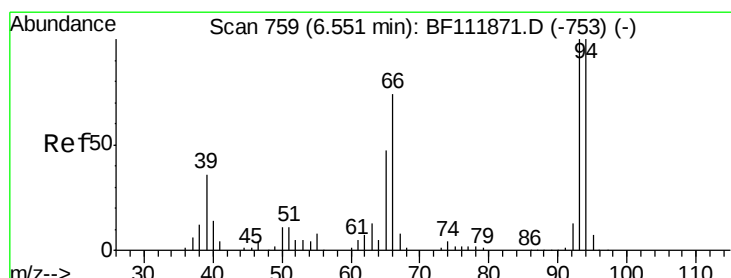
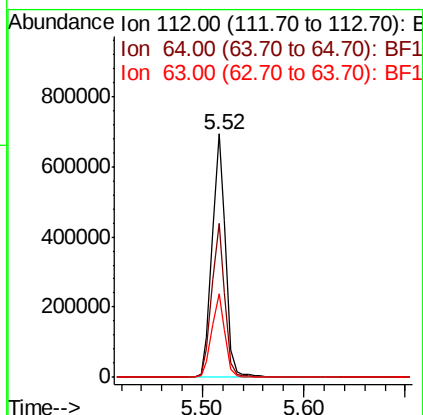
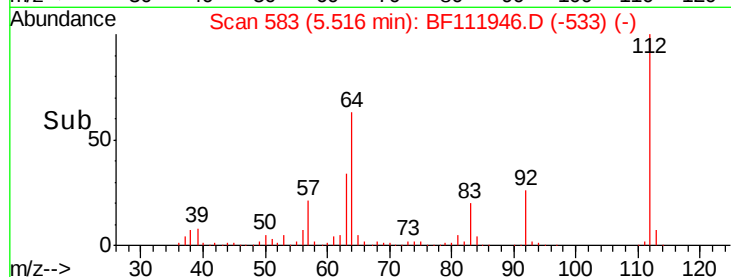
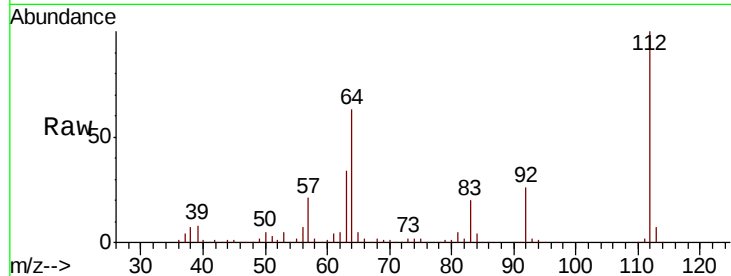
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	642134
Ion Ratio	Lower	Upper	
112	100		
64	63.1	48.3	72.5
63	34.3	26.1	39.1

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#6

Aniline

Concen: 40.992 ng

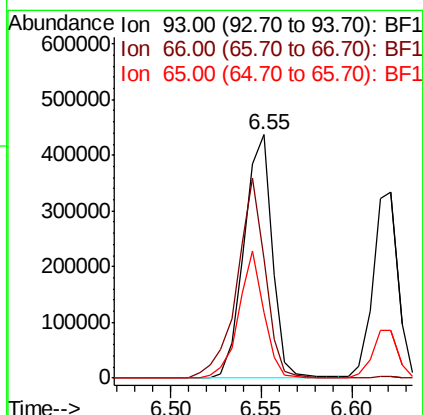
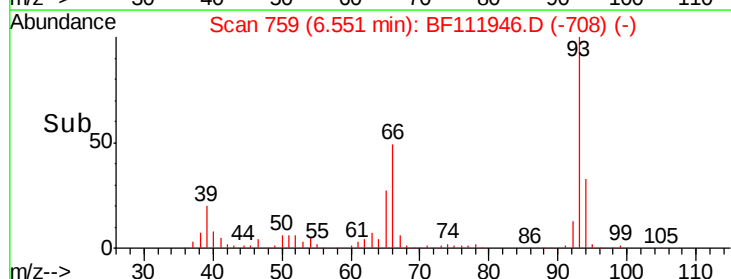
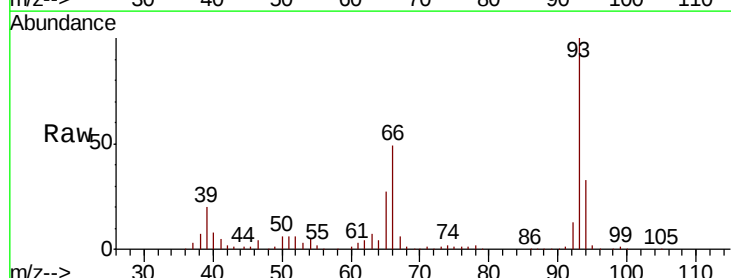
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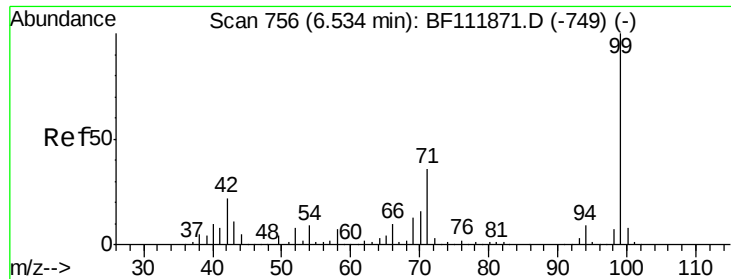
Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	93	Resp:	472425
Ion Ratio	Lower	Upper	
93	100		
66	49.3	60.0	90.0#
65	27.2	37.5	56.3#





#7

Phenol-d6

Concen: 81.409 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 775953

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

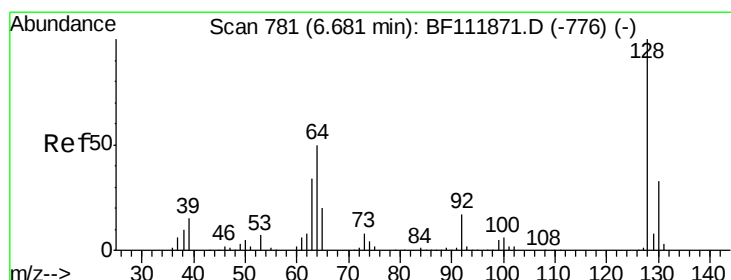
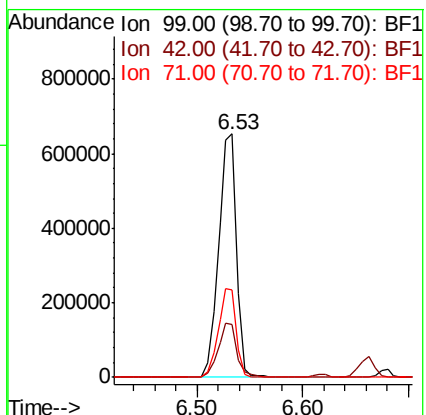
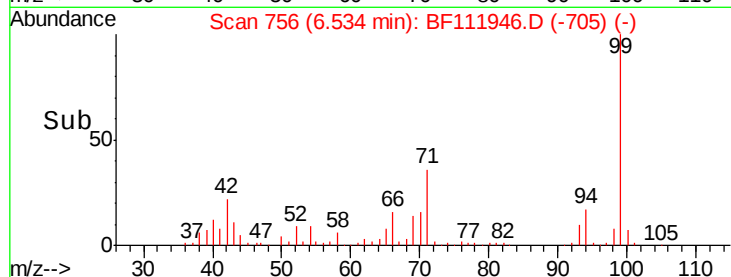
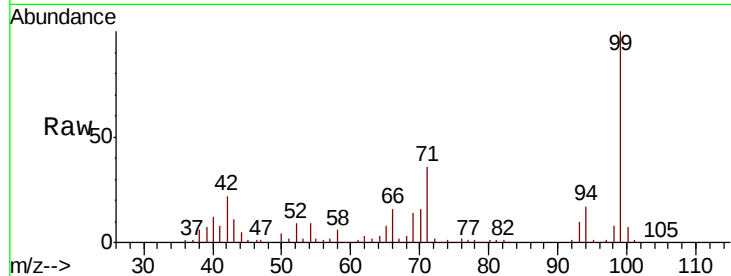
71 36.1 28.7 43.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.811 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

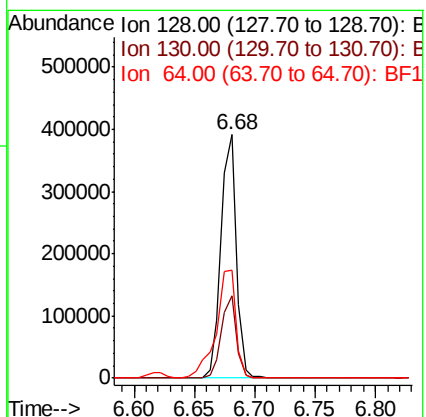
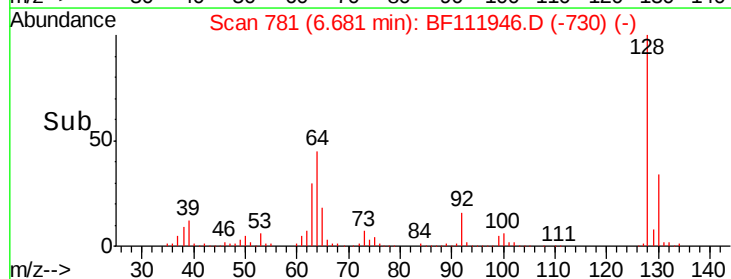
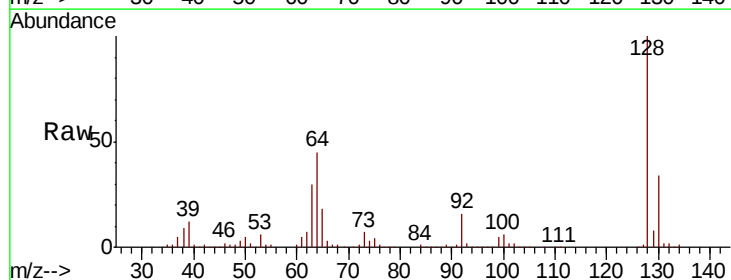
Tgt Ion: 128 Resp: 343335

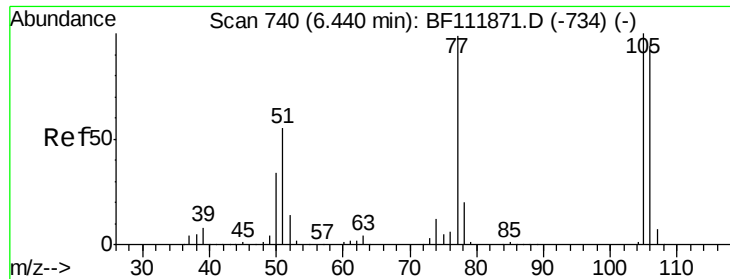
Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

64 44.5 31.8 71.8





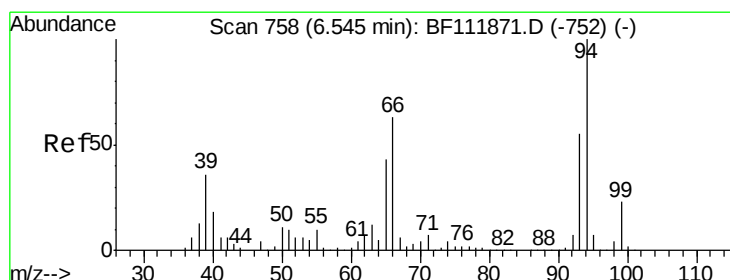
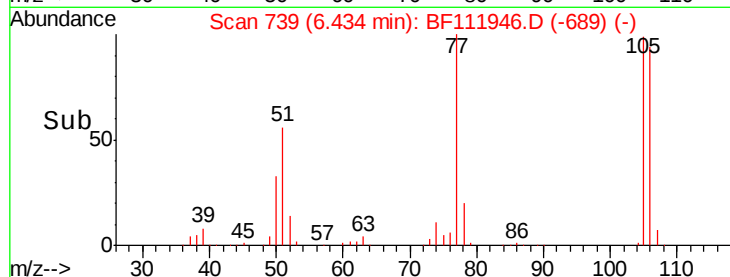
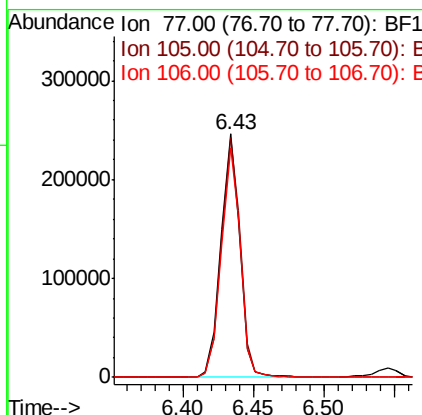
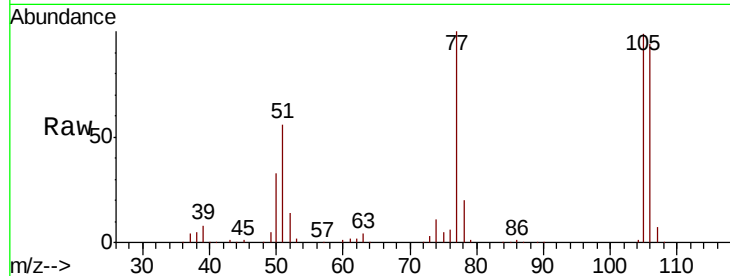
#9
Benzaldehyde
Concen: 46.625 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	80.6	120.6
106	94.4	74.6	114.6

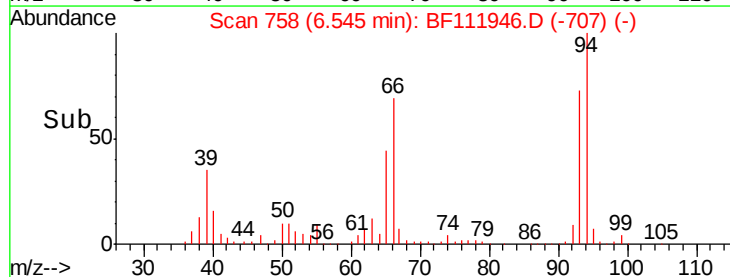
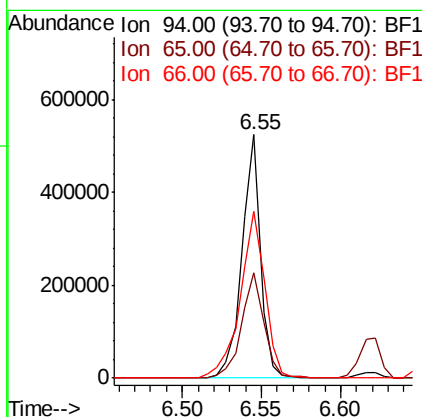
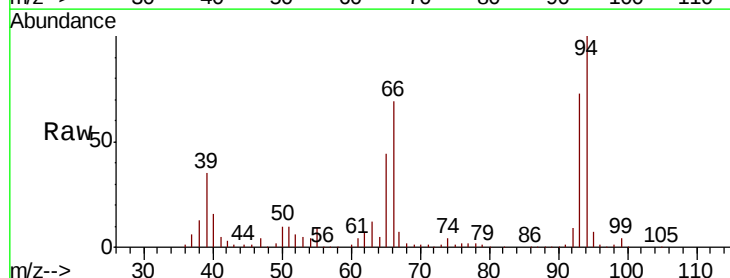
Manual Integrations
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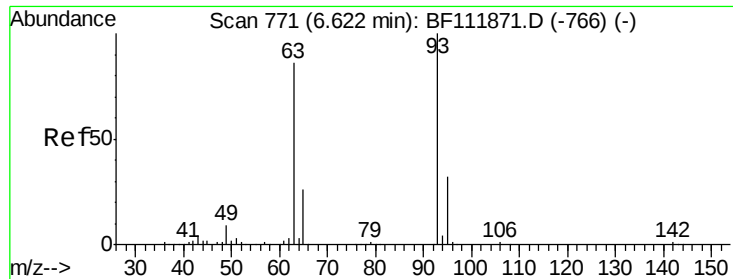
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#10
Phenol
Concen: 41.341 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.5	22.8	62.8
66	68.5	43.3	83.3





#11

bis(2-Chloroethyl)ether

Concen: 39.635 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

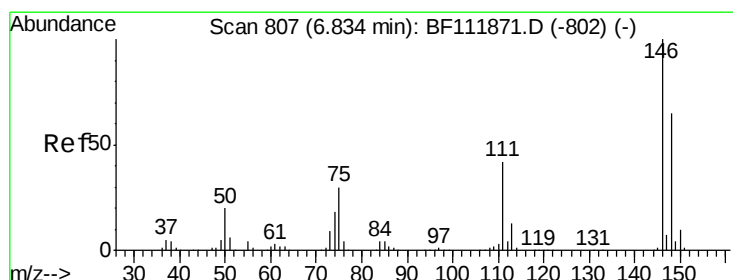
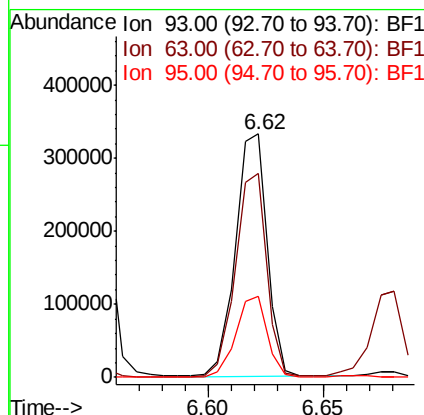
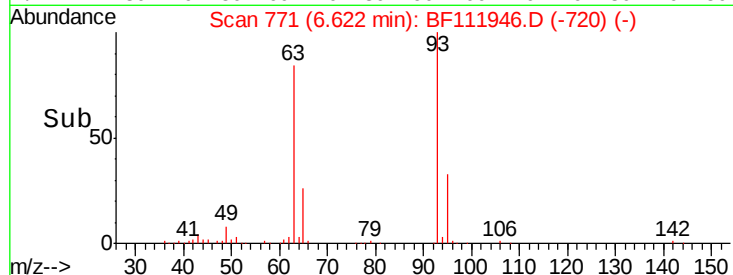
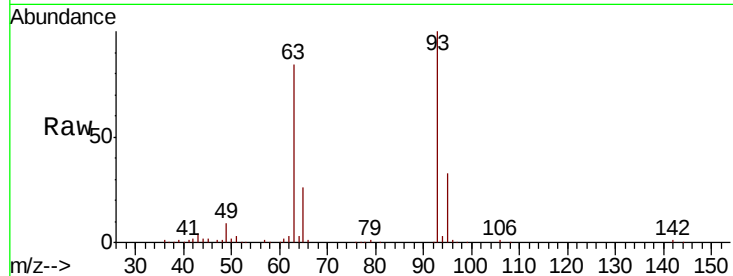
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	317649
Ion	Ratio	Lower	Upper
93	100		
63	83.6	65.2	105.2
95	33.2	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 40.818 ng

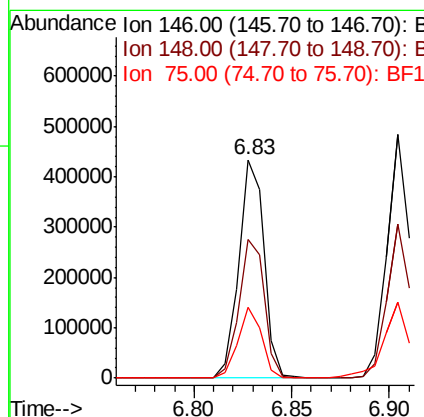
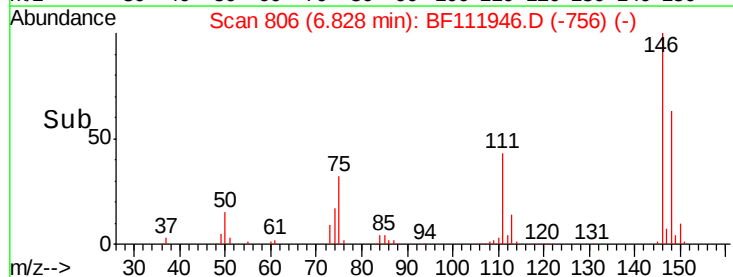
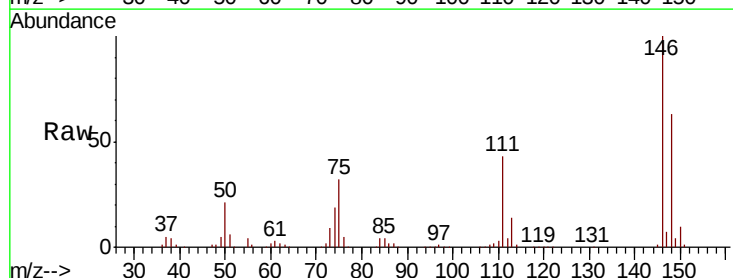
RT: 6.83 min Scan# 806

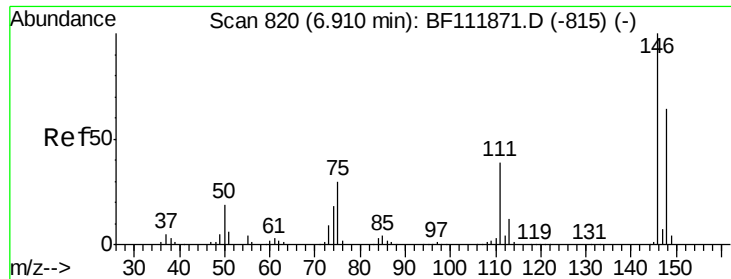
Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	146	Resp:	388569
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
75	32.3	24.3	36.5





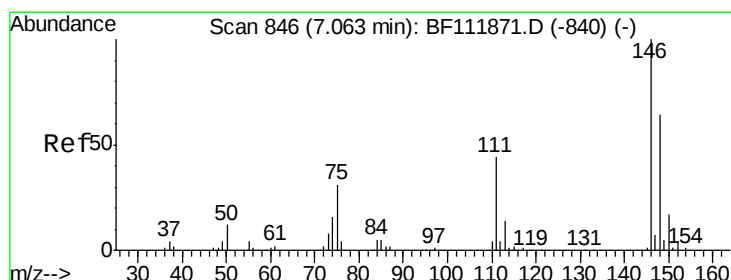
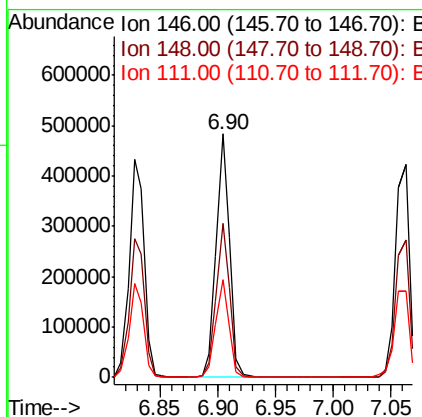
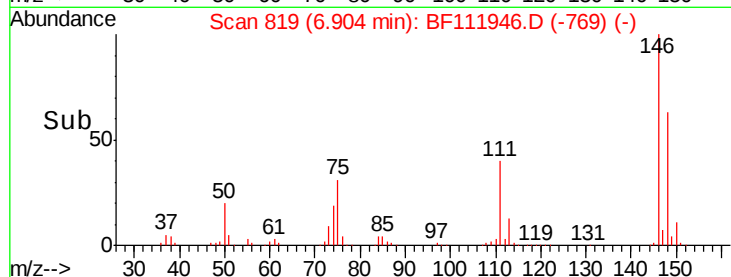
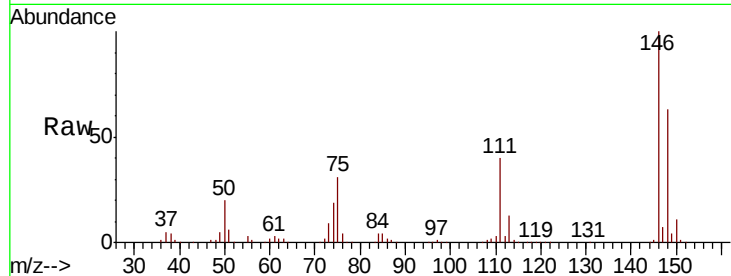
#13
1,4-Dichlorobenzene
Concen: 40.345 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.1	51.2	76.8	
111	40.0	31.5	47.3	

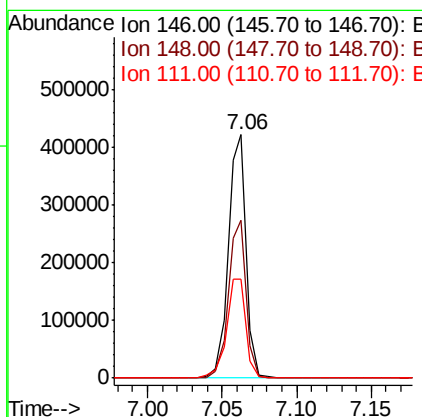
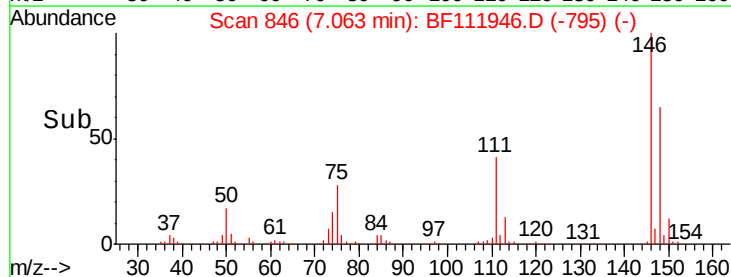
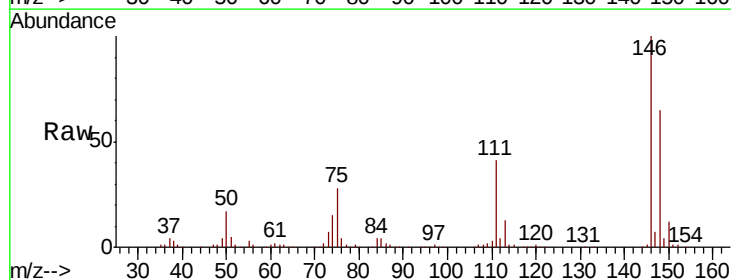
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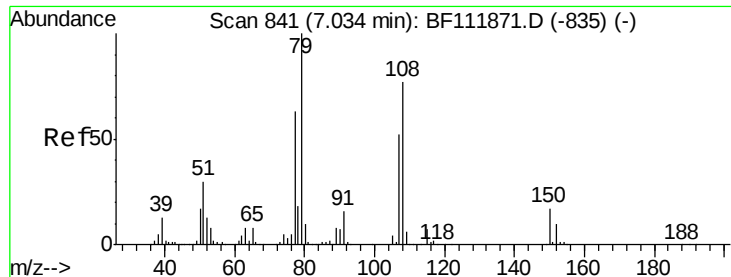
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.710 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.6	51.5	77.3	
111	40.5	35.5	53.3	





#15

Benzyl Alcohol

Concen: 39.052 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

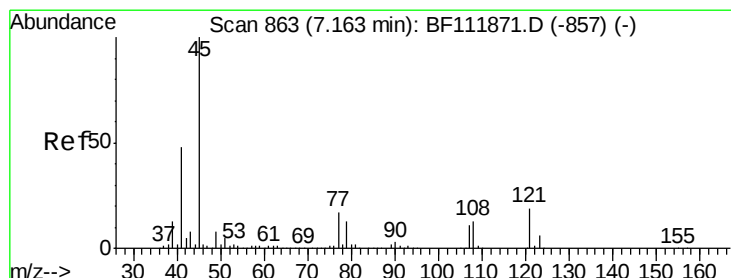
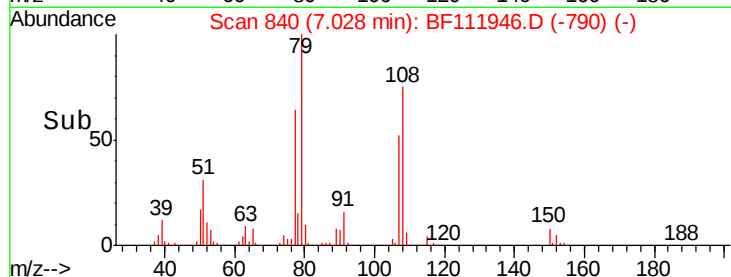
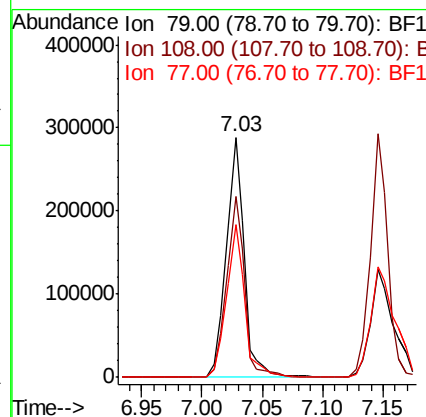
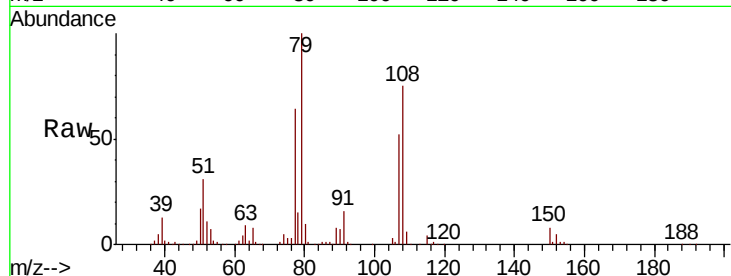
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	294513
Ion Ratio	Lower	Upper	
79	100		
108	75.0	61.4	92.0
77	63.6	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.034 ng

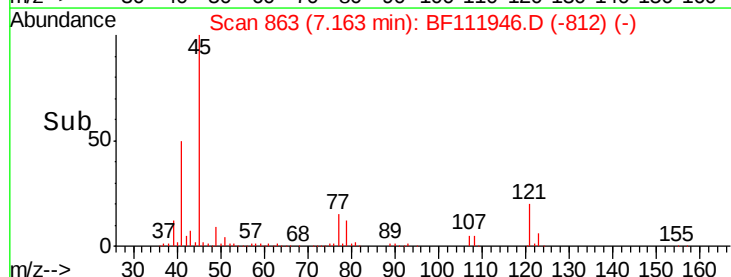
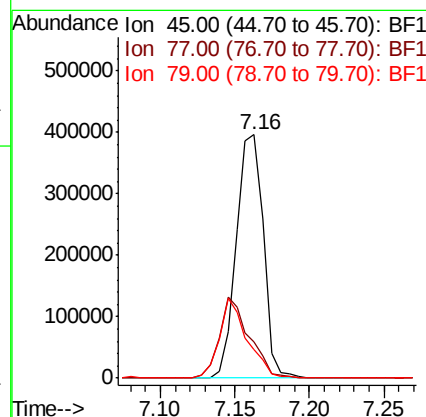
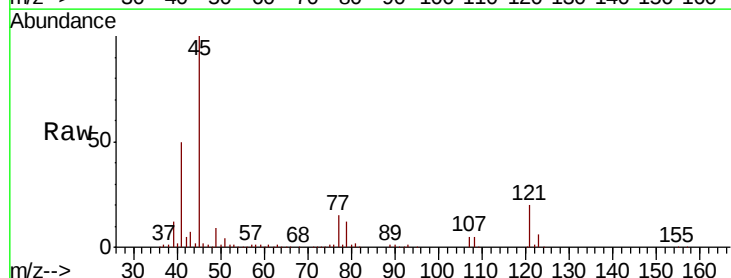
RT: 7.16 min Scan# 863

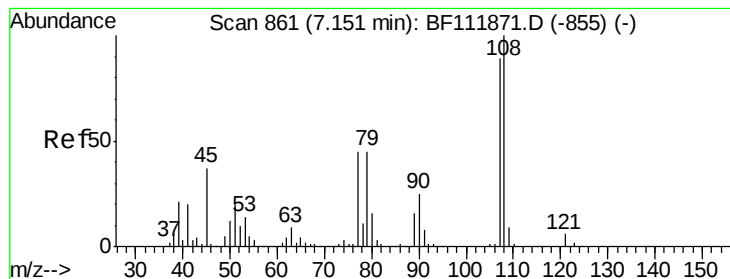
Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	45	Resp:	506037
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	37.1
79	11.8	0.0	33.9





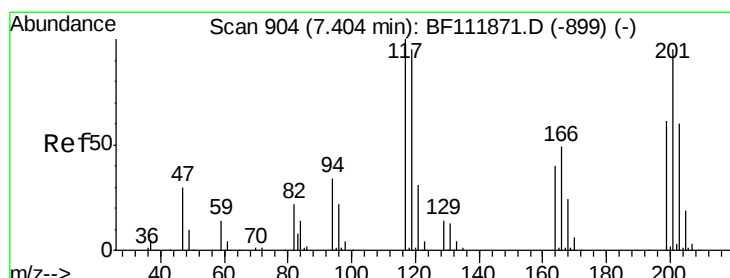
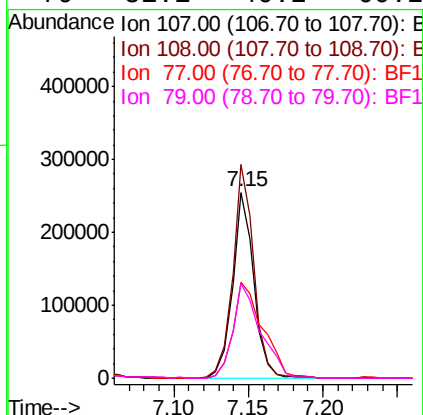
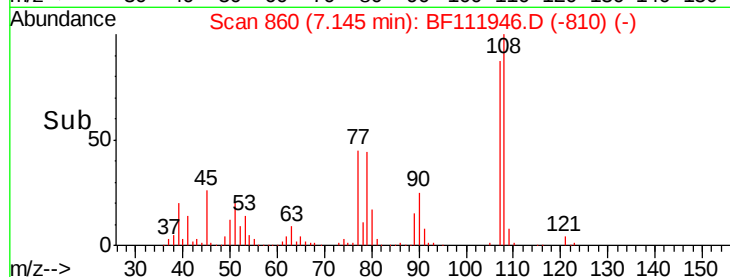
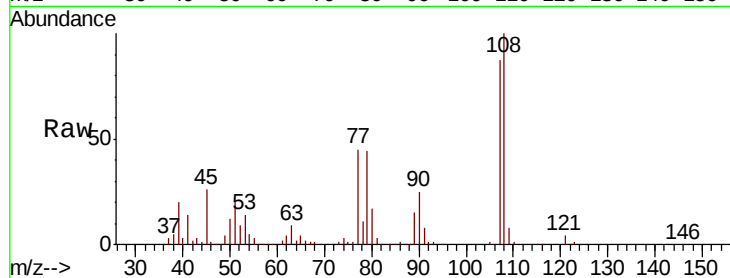
#17
2-Methylphenol
Concen: 38.507 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.7	134.5
77	52.1	40.6	60.8
79	51.1	40.2	60.2

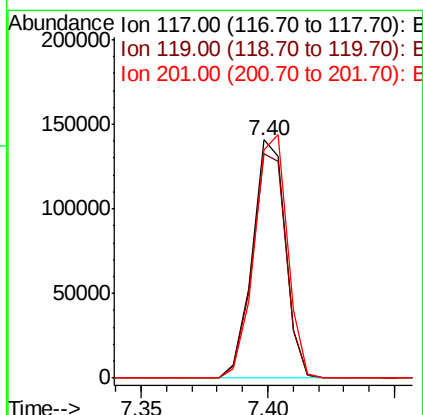
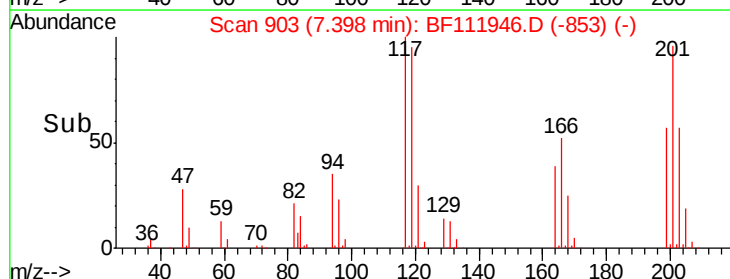
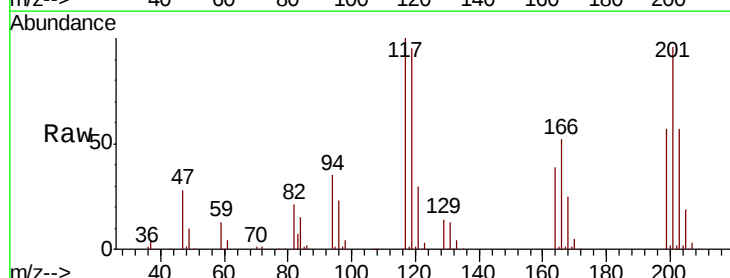
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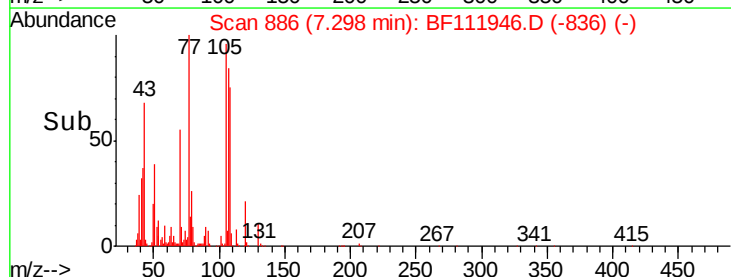
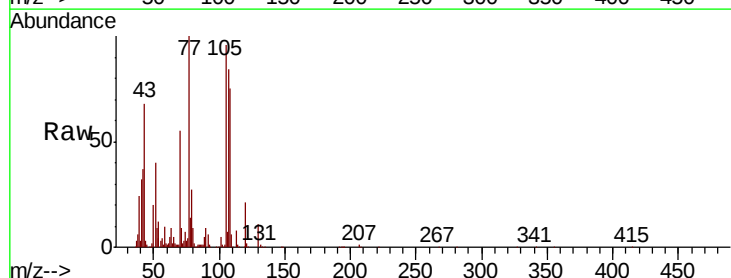
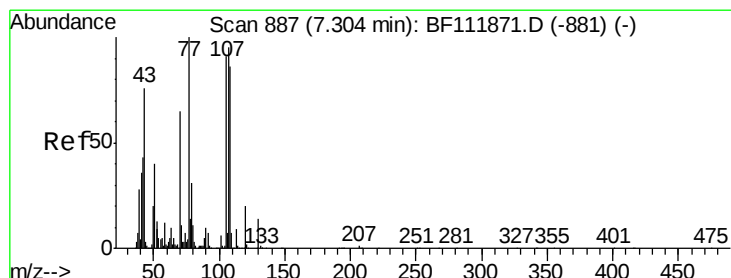
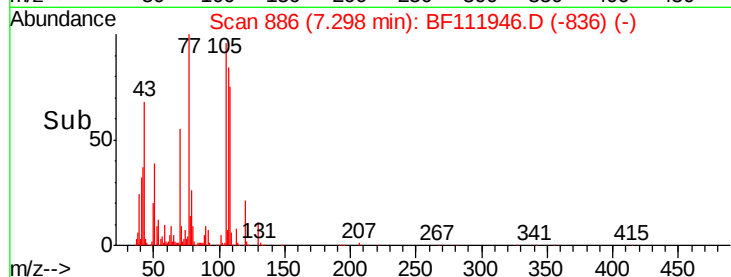
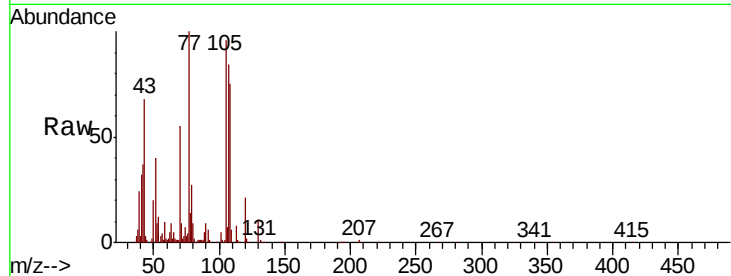
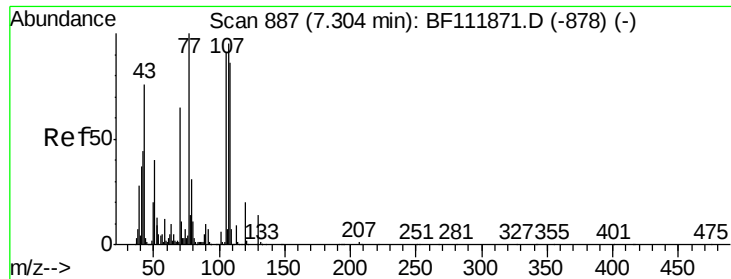
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#18
Hexachloroethane
Concen: 37.946 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

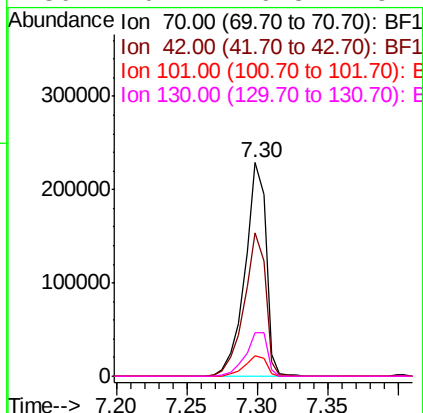
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.2
201	95.9	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 38.469 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.1	53.6	80.4
101	9.8	7.3	10.9
130	20.2	16.8	25.2



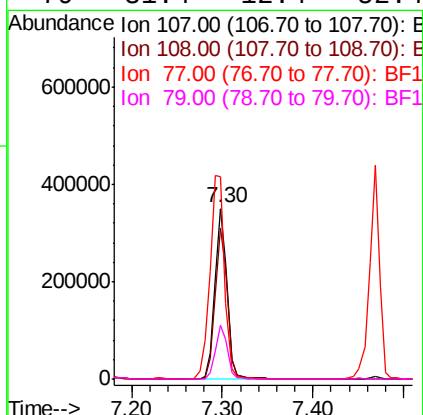
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

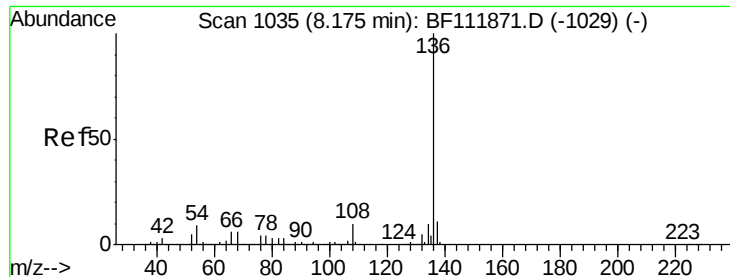
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#20
3+4-Methylphenols
Concen: 39.755 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.1	111.1
77	118.5	85.4	125.4
79	31.4	12.4	52.4





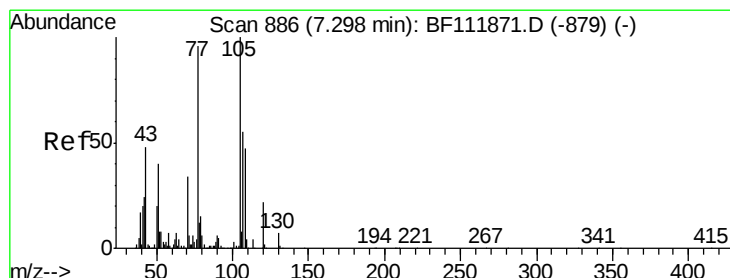
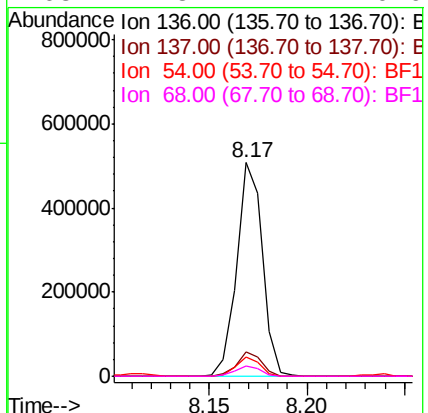
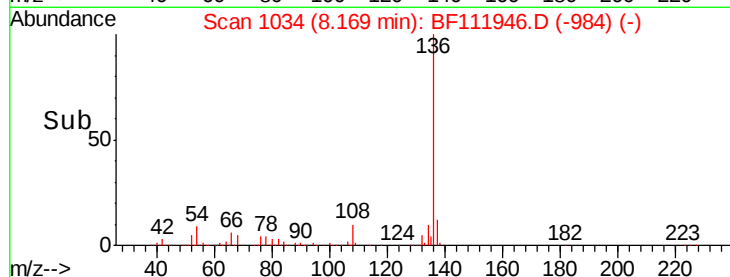
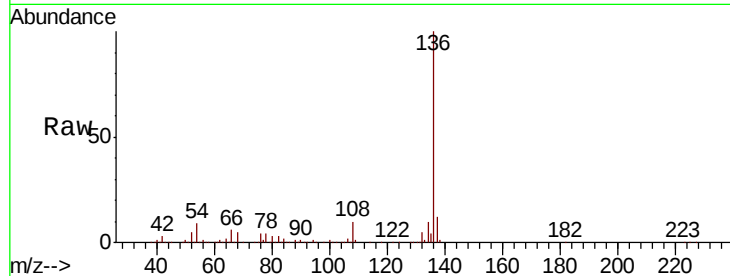
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	463134		
137	11.5	9.1	13.7	
54	8.8	7.2	10.8	
68	4.8	4.4	6.6	

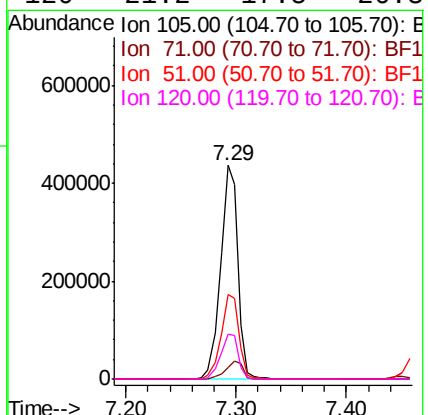
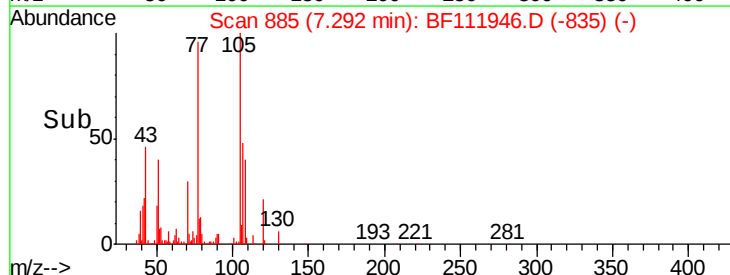
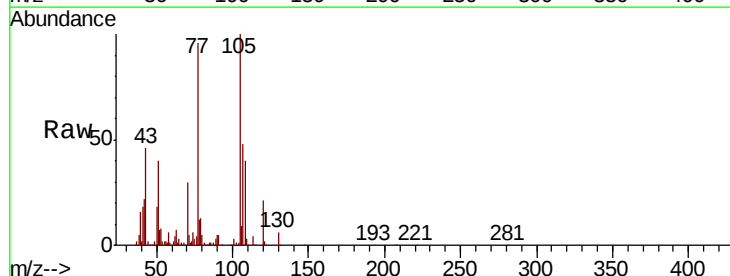
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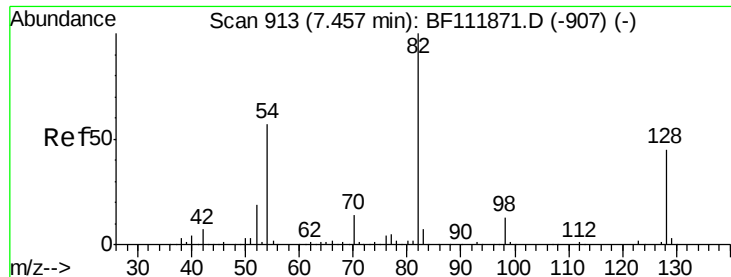
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#22
Acetophenone
Concen: 40.426 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474003		
71	5.2	4.6	6.8	
51	39.6	32.2	48.2	
120	21.2	17.5	26.3	





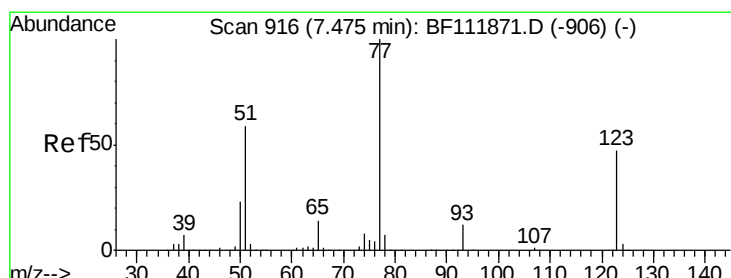
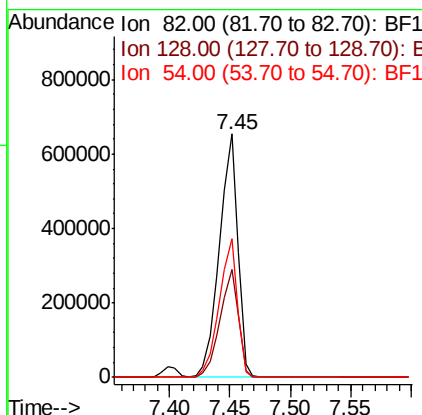
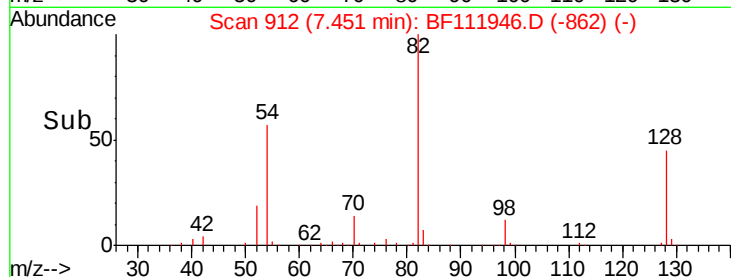
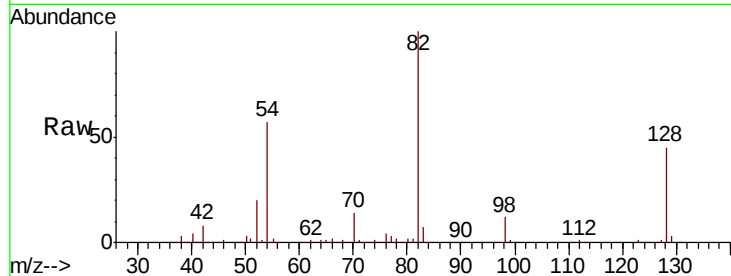
#23
Nitrobenzene-d5
Concen: 79.542 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	57.1	45.8	68.8

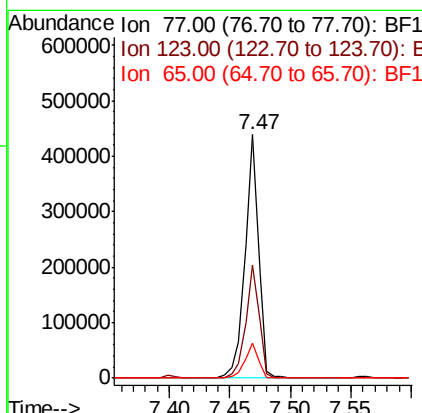
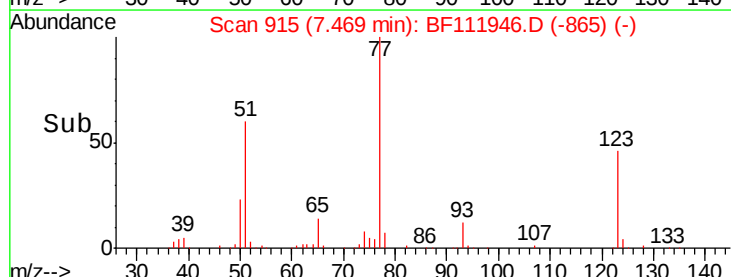
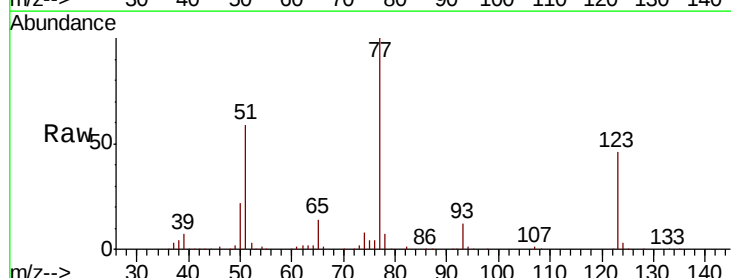
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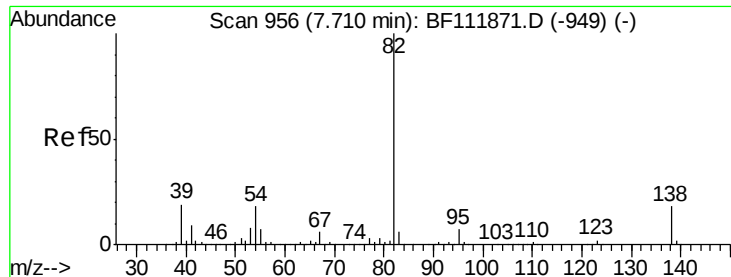
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#24
Nitrobenzene
Concen: 39.674 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	38.1	57.1
65	14.2	11.0	16.4





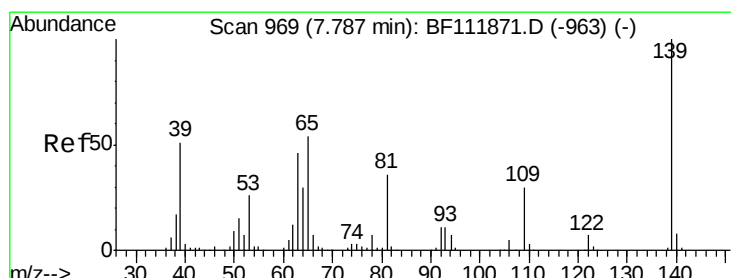
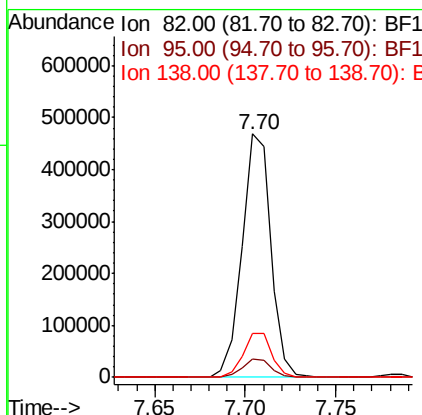
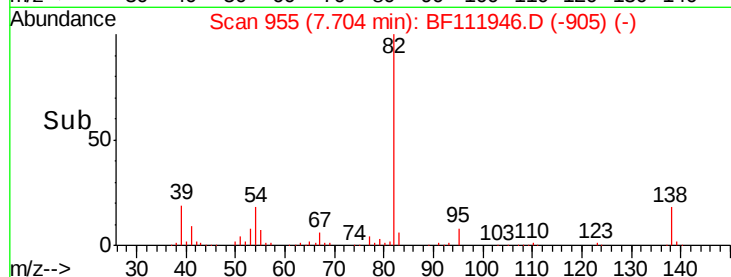
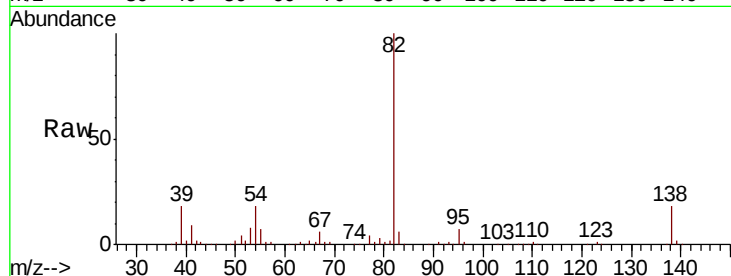
#25
Isophorone
Concen: 36.792 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	18.2	14.4	21.6

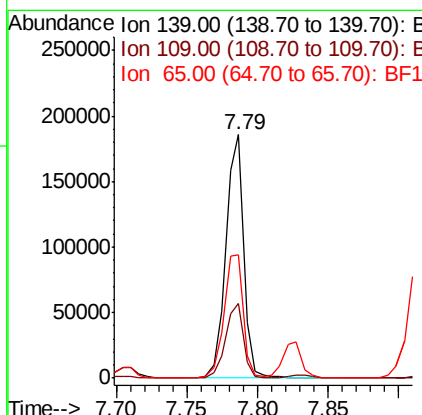
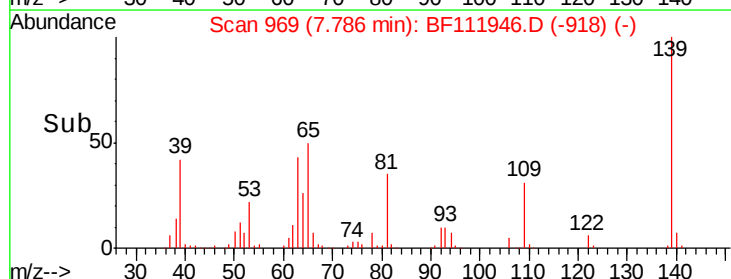
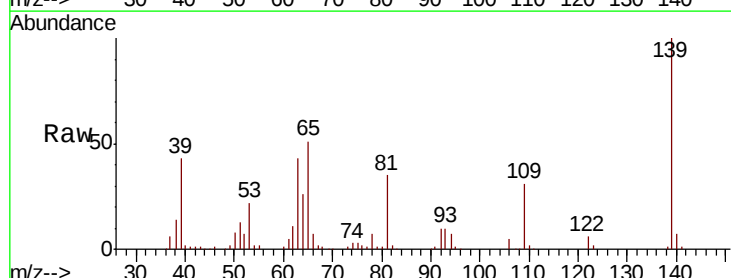
Manual Integrations
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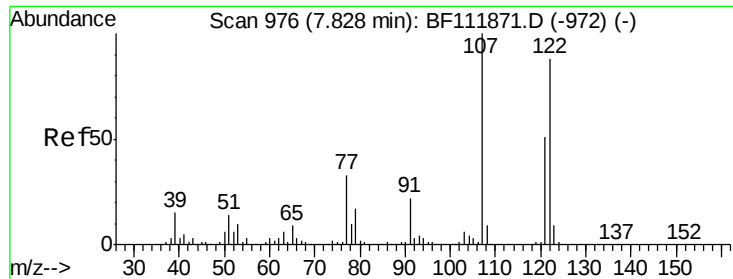
Sohil
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#26
2-Nitrophenol
Concen: 37.650 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.9	24.1	36.1
65	50.6	43.6	65.4





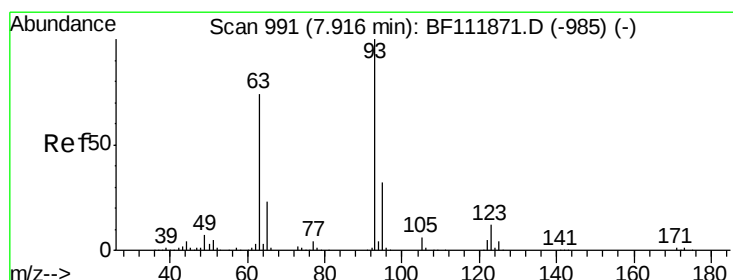
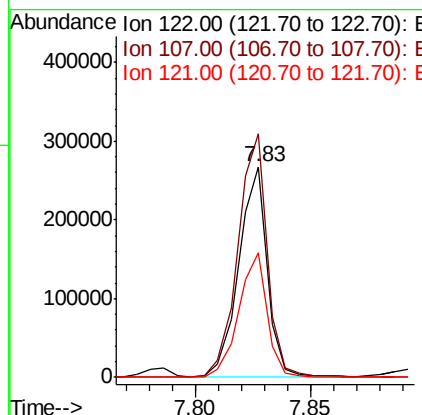
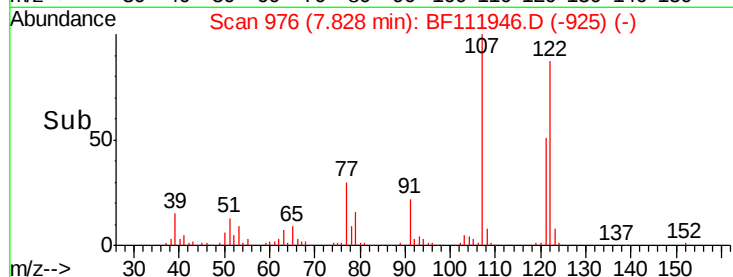
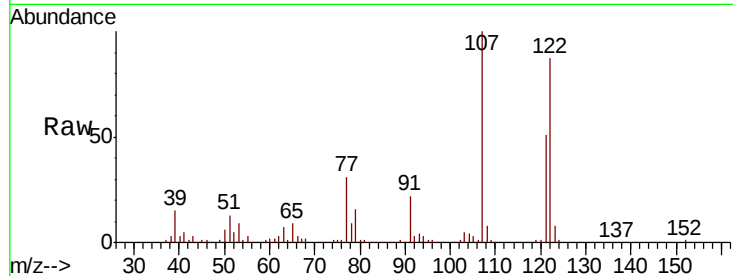
#27
2,4-Dimethylphenol
Concen: 37.150 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.0	136.6
121	58.8	46.8	70.2

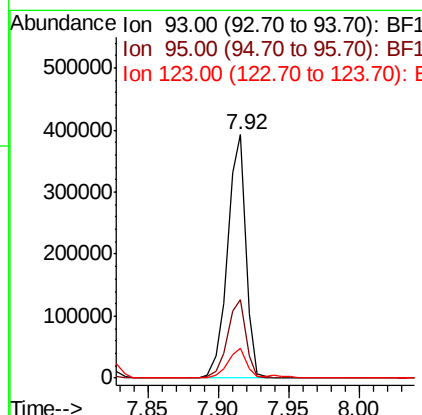
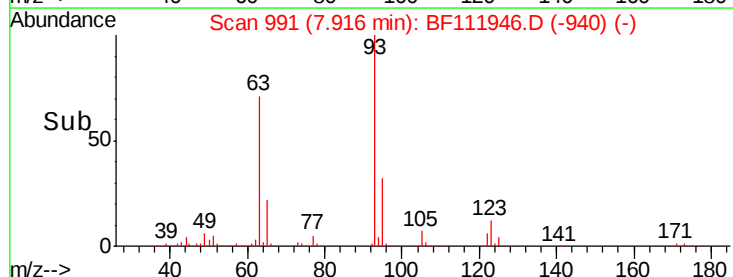
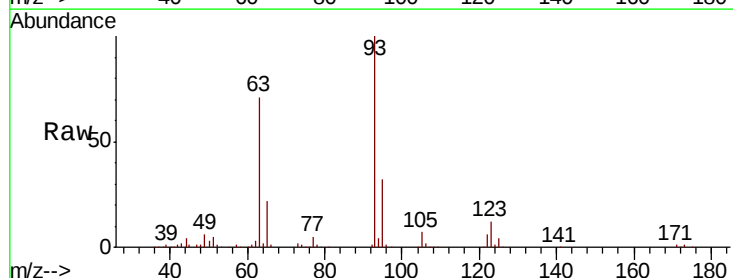
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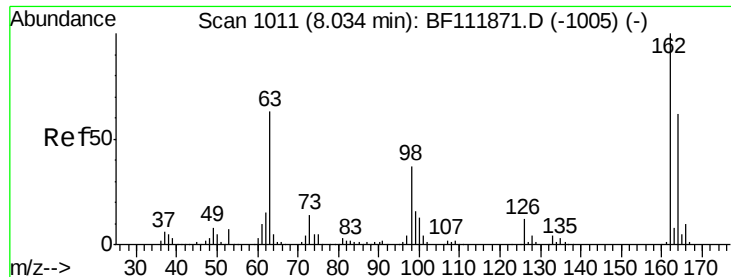
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.948 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	12.4	9.5	14.3





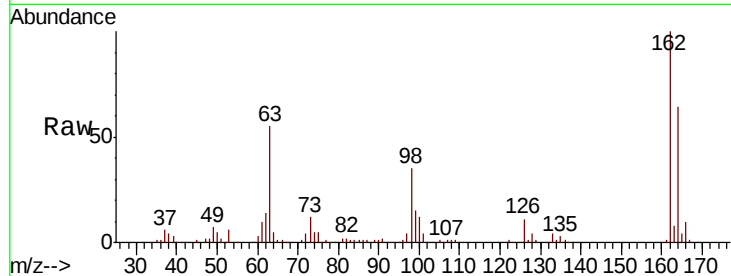
#29
 2,4-Dichlorophenol
 Concen: 38.867 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

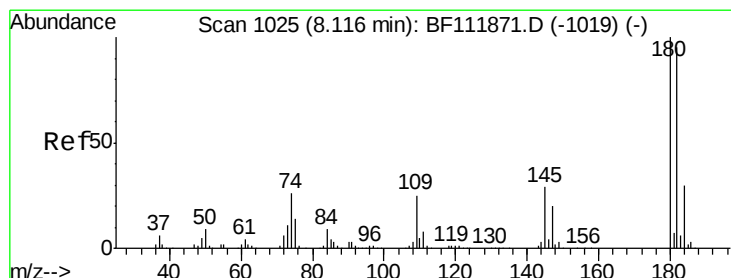
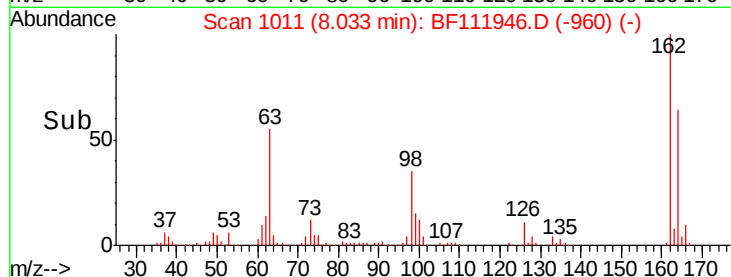
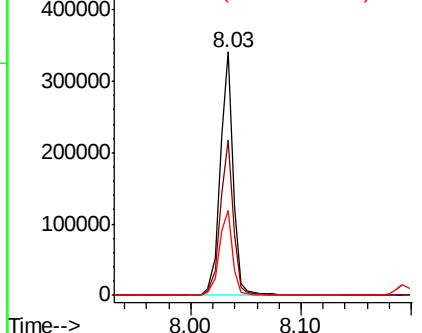
Tot Ion:	162	Resp:	278914
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.1	82.1
98	34.9	17.2	57.2

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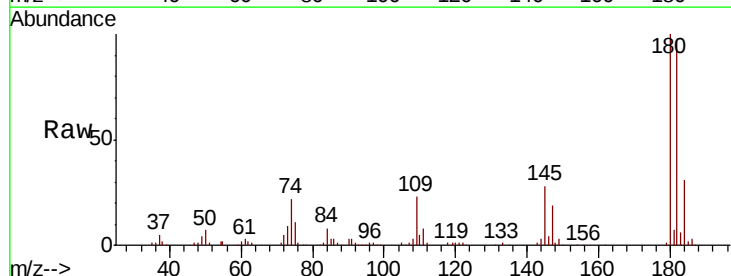


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

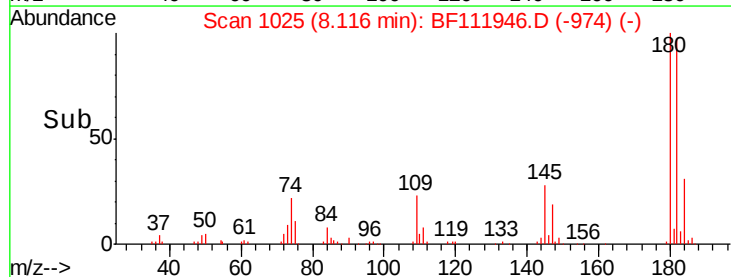
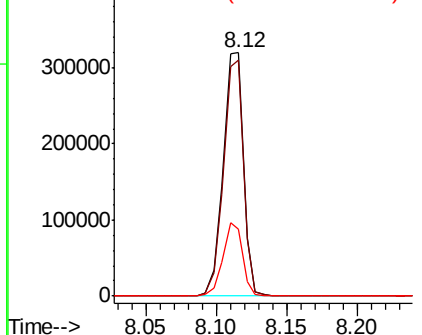


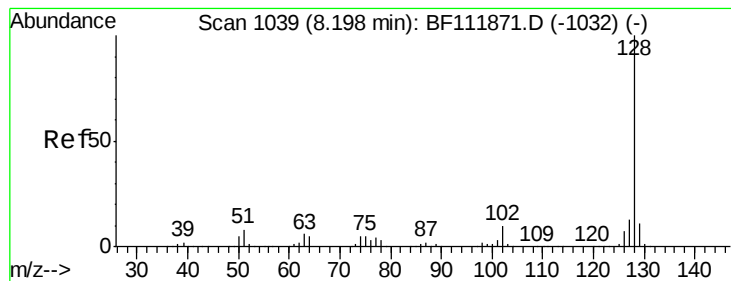
#30
 1,2,4-Trichlorobenzene
 Concen: 40.504 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion:	180	Resp:	320654
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.2	114.4
145	27.7	23.4	35.2



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: 39.520 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

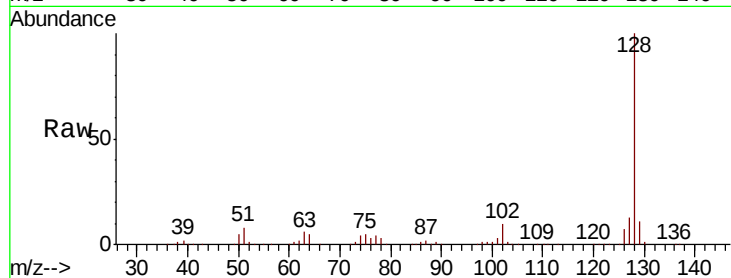
ClientSampleId :

SSTDCCC040EC

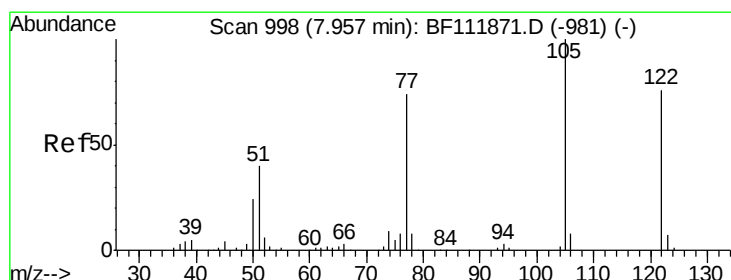
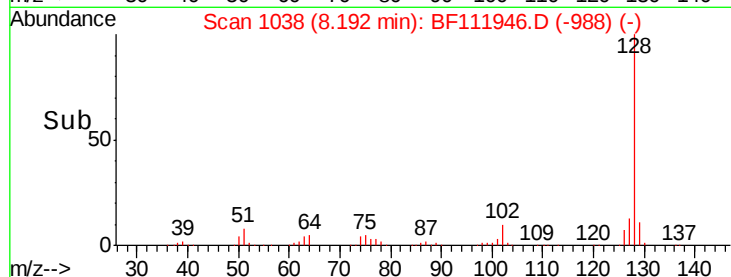
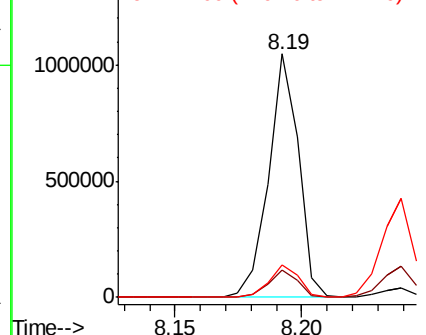
Tot Ion:	128	Resp:	868851
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.3	10.7	16.1

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



#32

Benzoic acid

Concen: 33.825 ng m

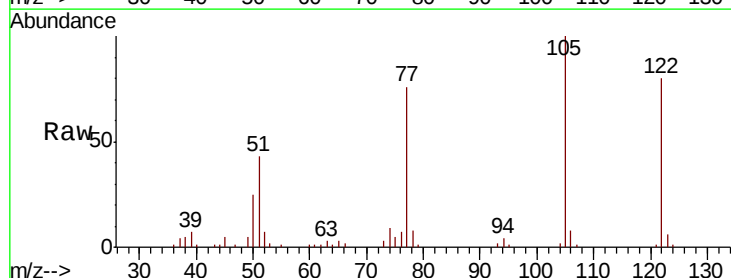
RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

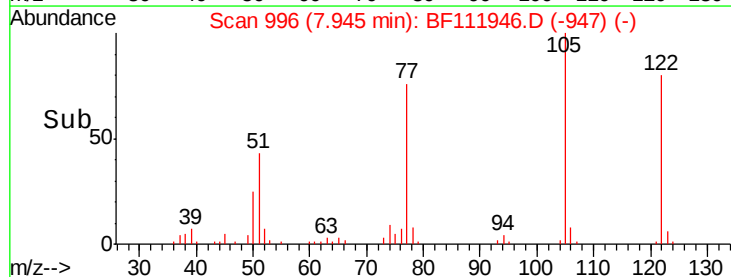
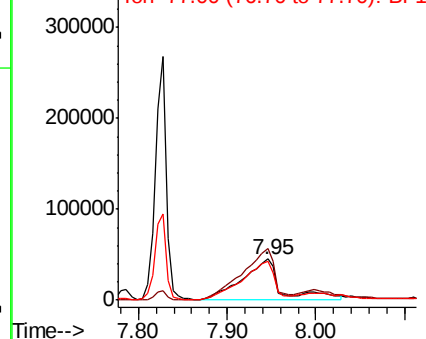
Lab File: BF111946.D

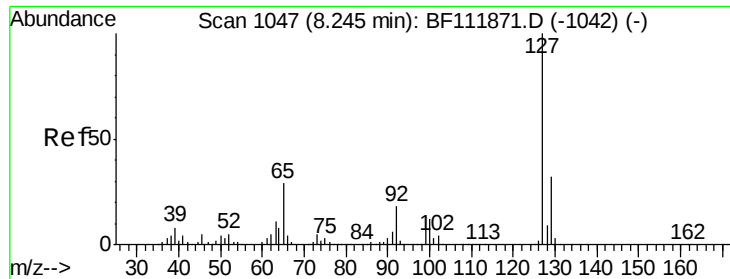
Acq: 9 Jan 2019 13:00

Tgt Ion:	122	Resp:	136987
Ion Ratio	Lower	Upper	
122	100		
105	125.3	107.9	147.9
77	95.2	76.6	116.6



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





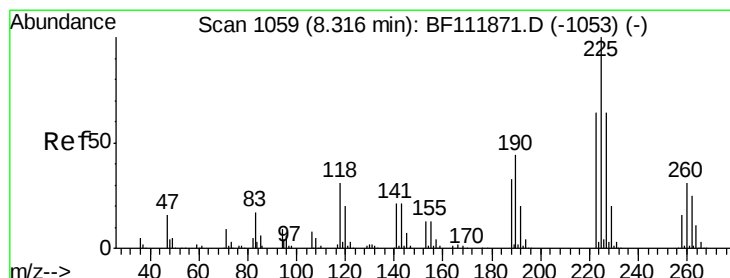
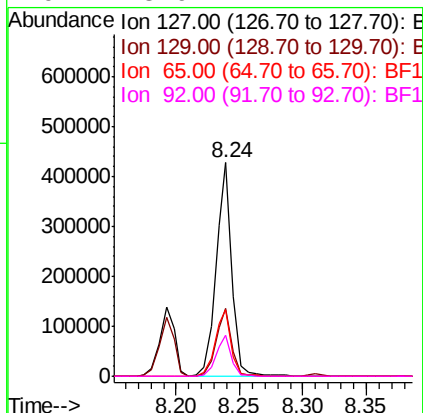
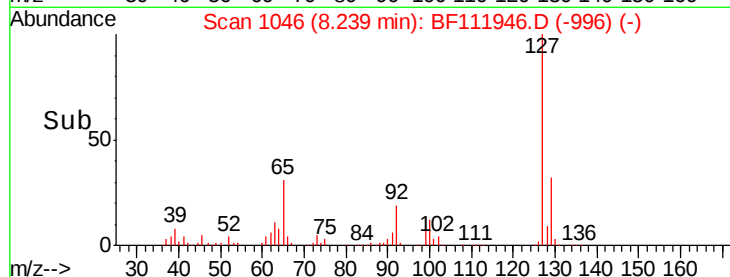
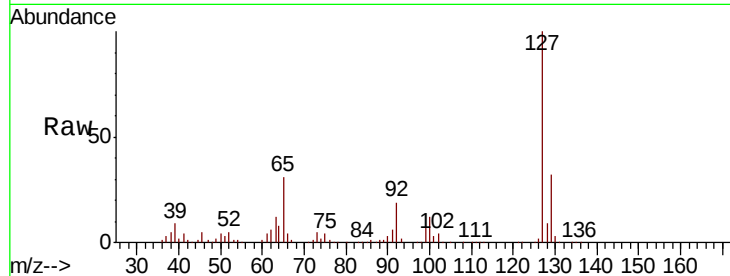
#33
4-Chloroaniline
Concen: 39.158 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	31.2	23.5	35.3
92	18.9	14.2	21.2

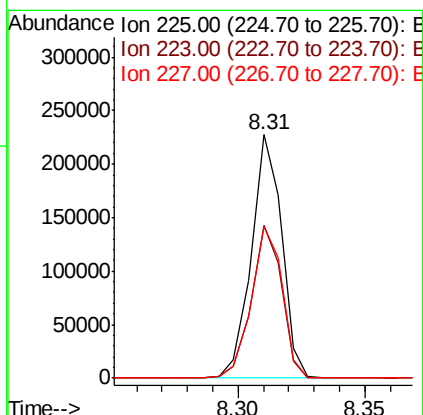
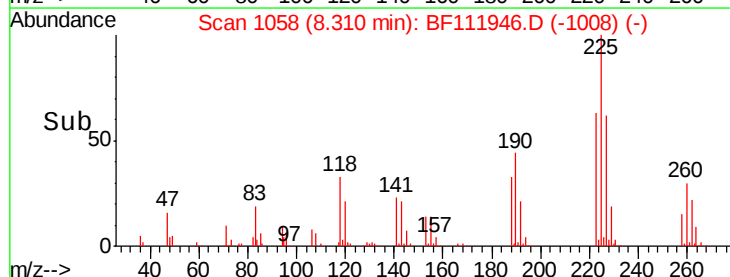
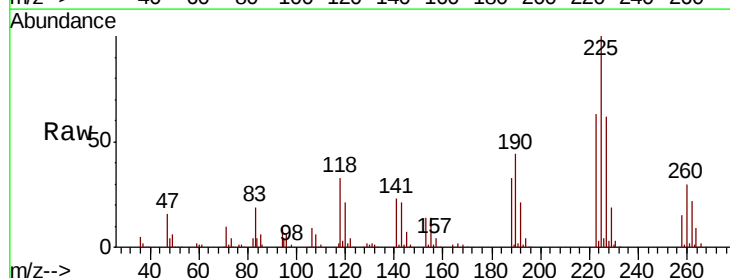
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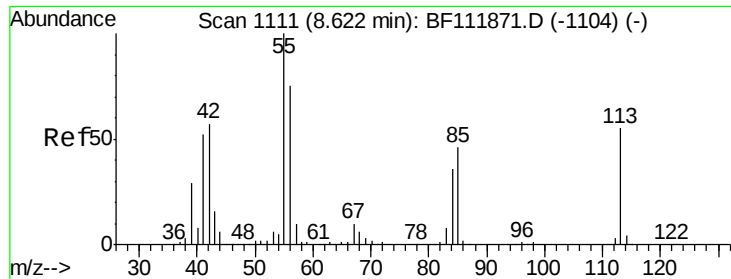
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#34
Hexachlorobutadiene
Concen: 38.491 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	62.1	51.4	77.0





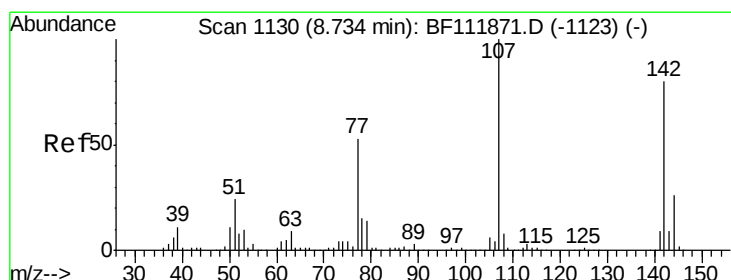
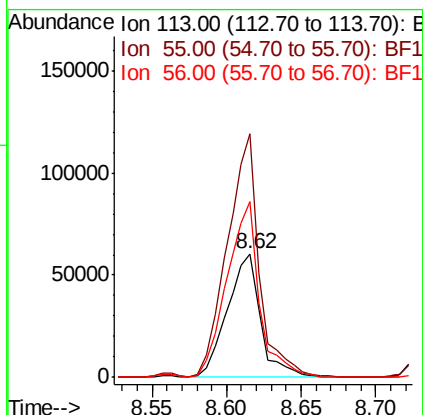
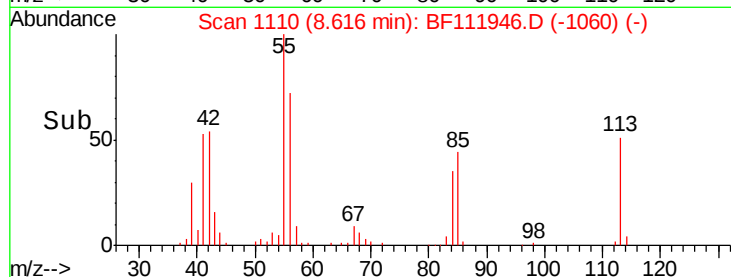
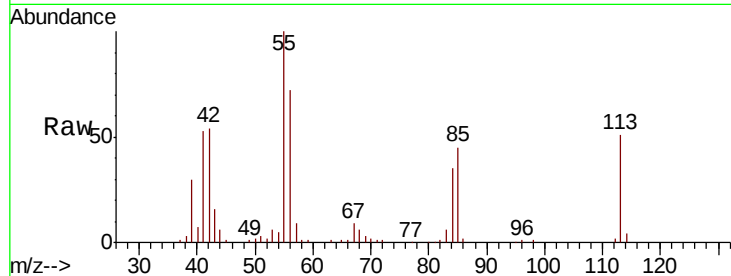
#35
Caprolactam
Concen: 40.288 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	196.6	162.0	202.0	
56	142.4	116.0	156.0	

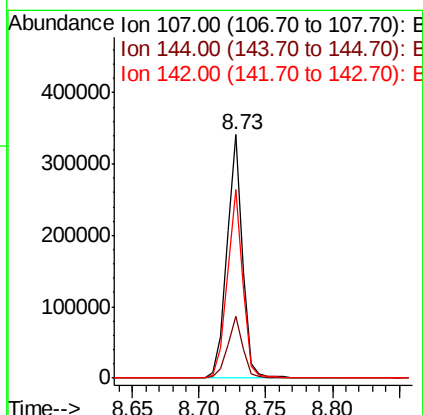
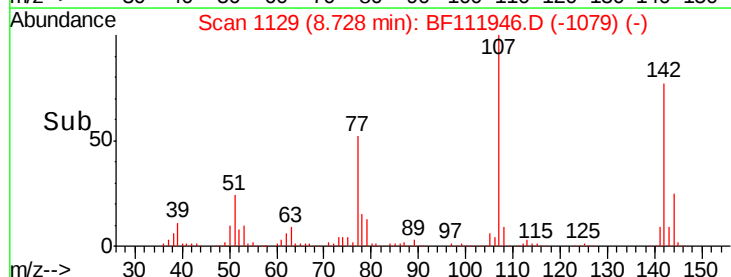
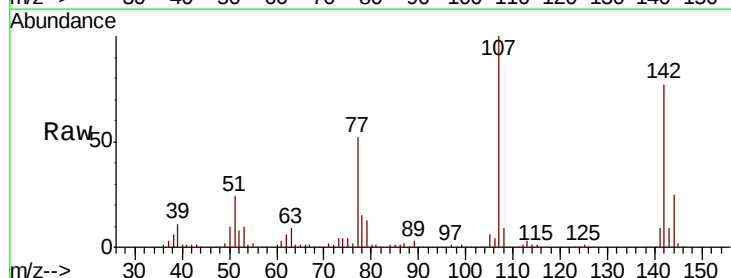
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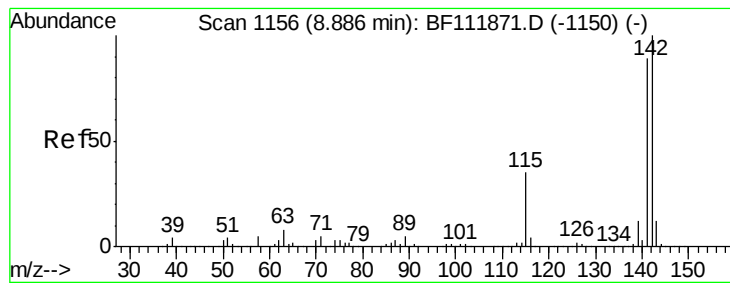
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#36
4-Chloro-3-methylphenol
Concen: 39.588 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	20.7	31.1	
142	77.2	63.9	95.9	





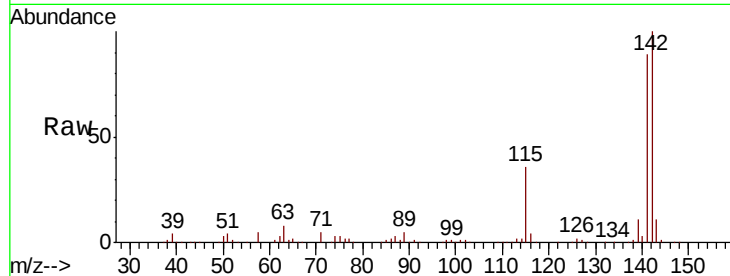
#37
2-Methylnaphthalene
Concen: 42.502 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	35.9	28.3	42.5

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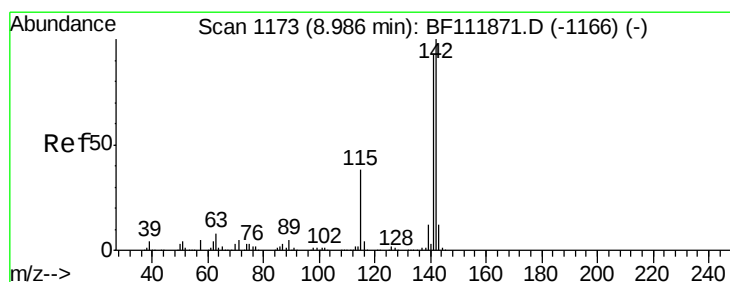
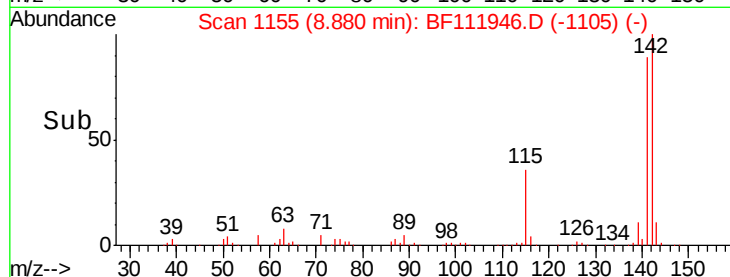
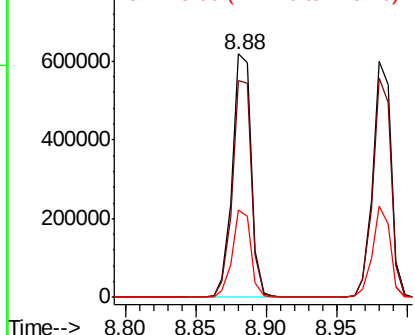


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.482 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

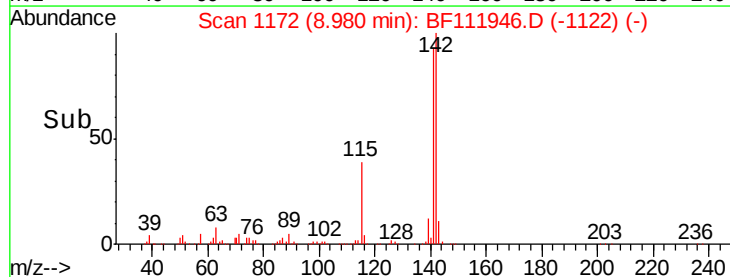
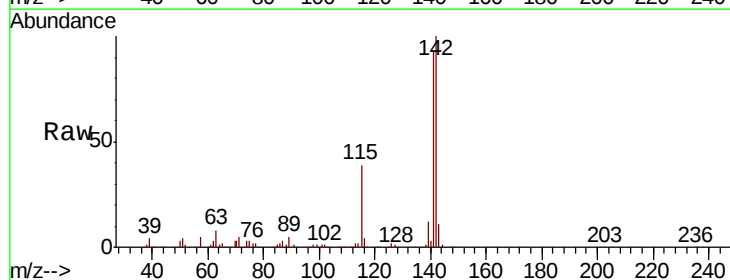
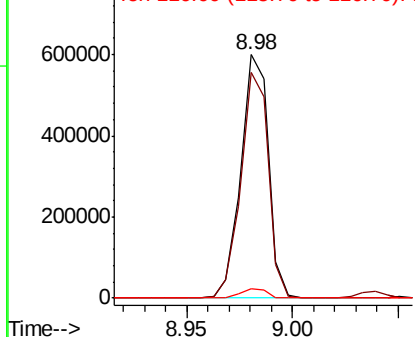
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.8	112.2
116	4.0	3.1	4.7

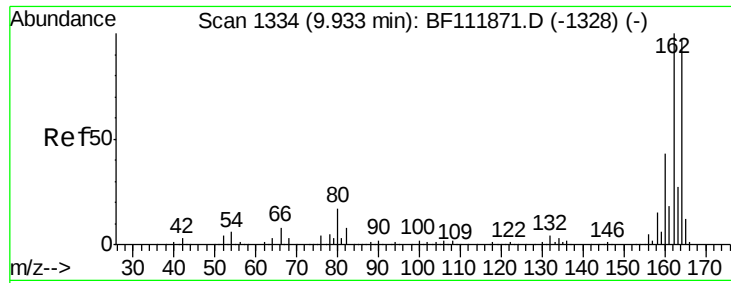
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





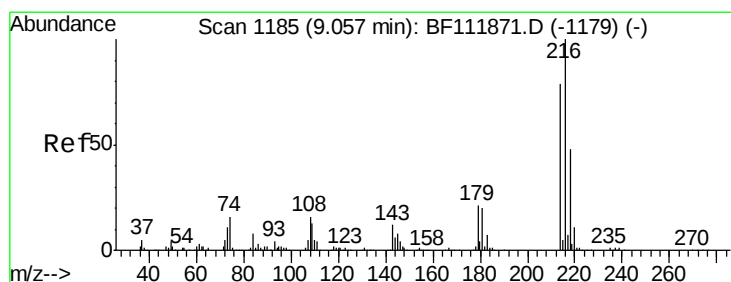
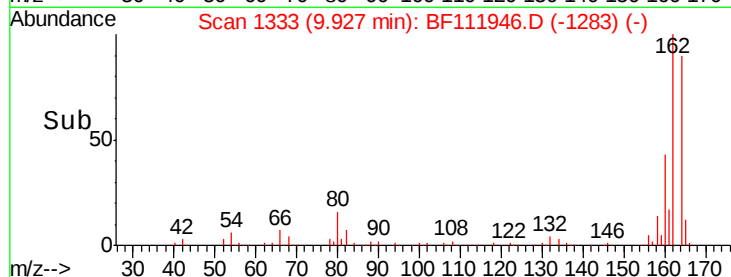
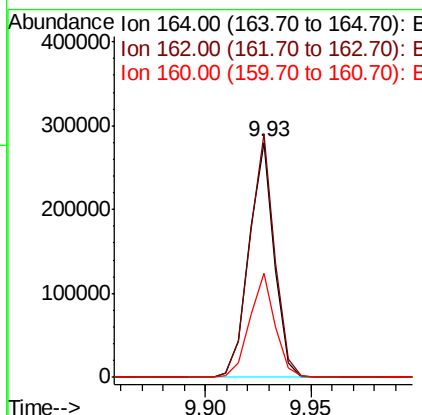
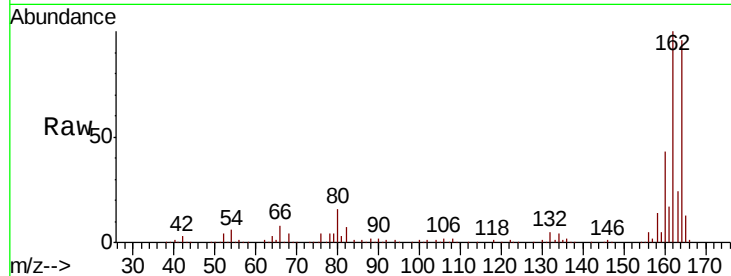
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	82.2	123.2	
160	44.4	35.5	53.3	

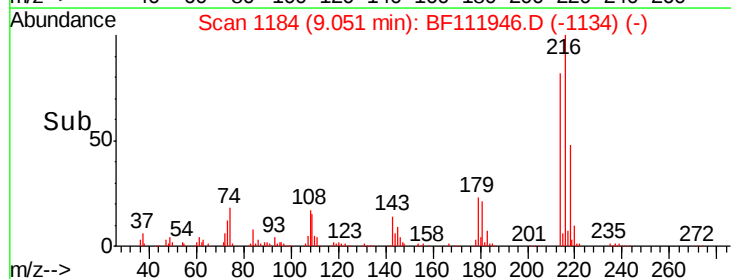
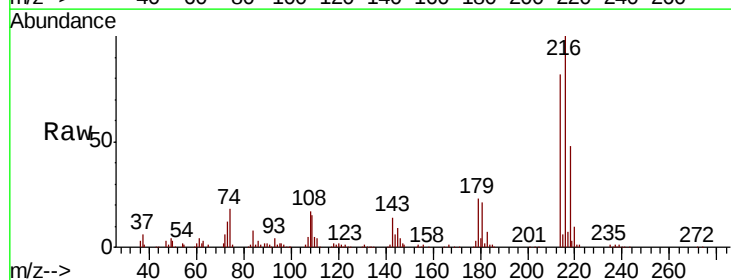
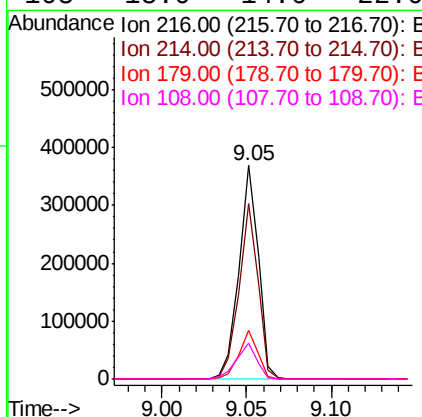
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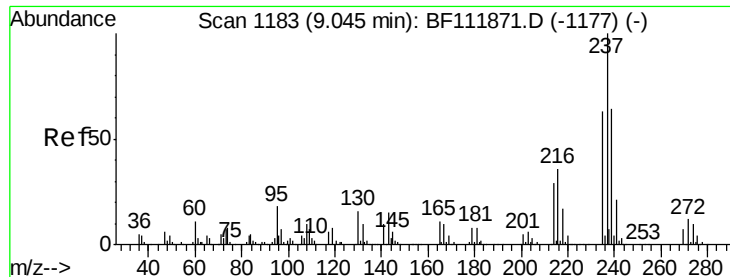
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.636 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.5	95.3	
179	21.6	17.0	25.6	
108	18.0	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 29.517 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

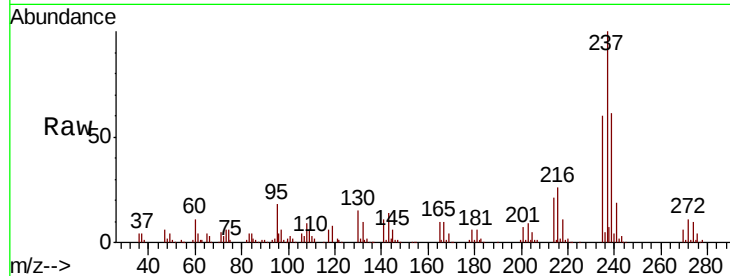
ClientSampleId :

SSTDCCC040EC

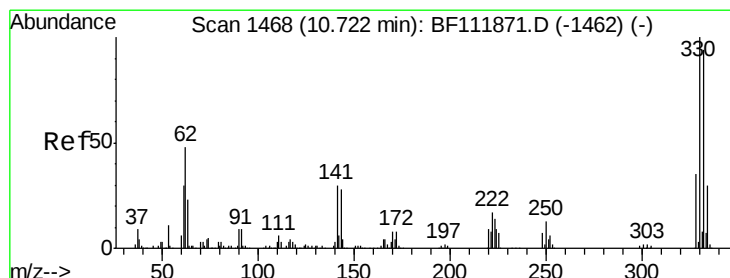
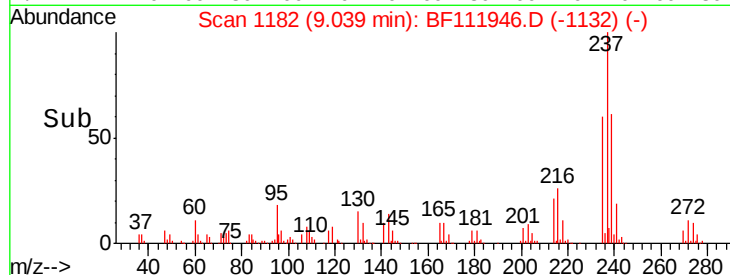
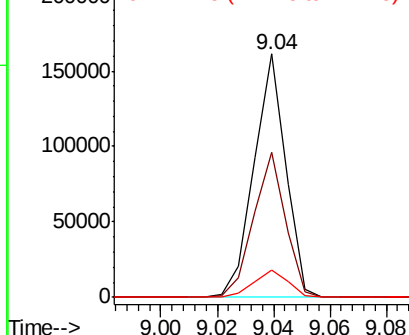
Tot Ion:	237	Resp:	126028
Ion Ratio	Lower	Upper	
237	100		
235	59.8	42.6	82.6
272	11.4	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.697 ng

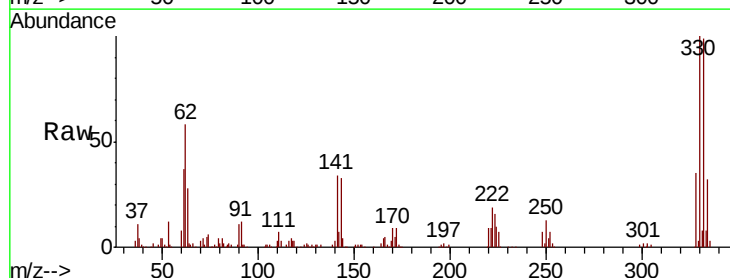
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

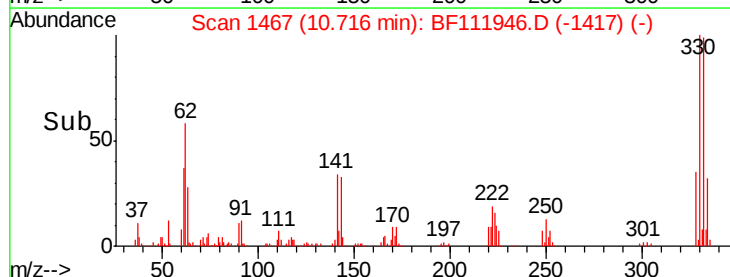
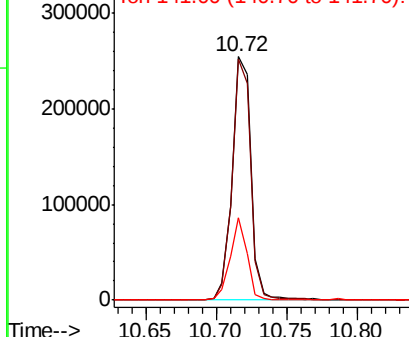
Lab File: BF111946.D

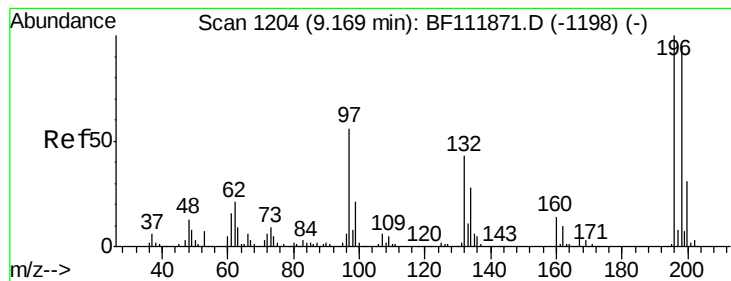
Acq: 9 Jan 2019 13:00

Tgt Ion:	330	Resp:	237100
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.9	115.3
141	30.4	23.7	35.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.164 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

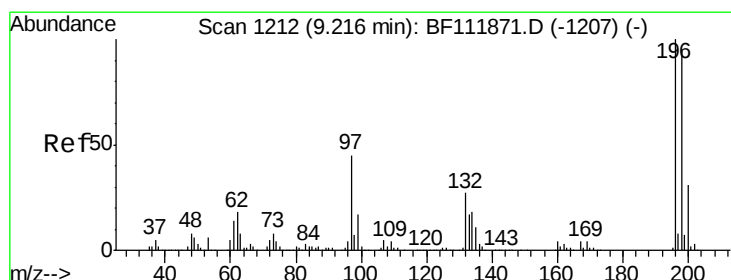
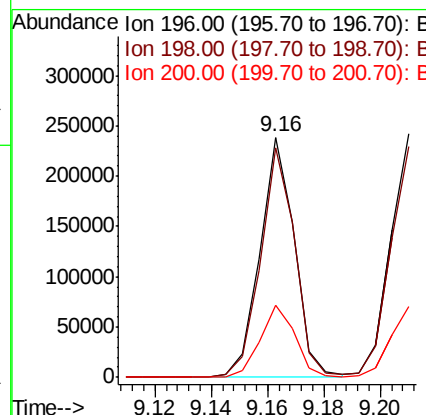
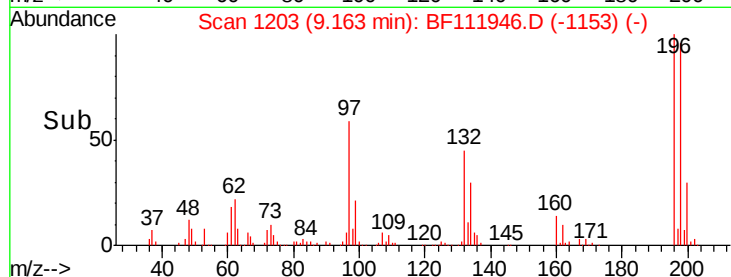
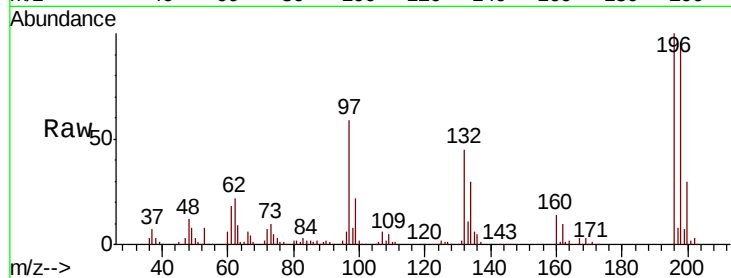
ClientSampleId :

SSTDCCC040EC

Tot Ion:	196	Resp:	201170
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.8	113.8
200	30.1	24.5	36.7

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#44

2,4,5-Trichlorophenol

Concen: 40.025 ng

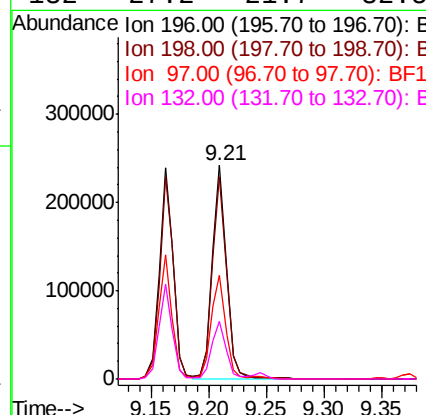
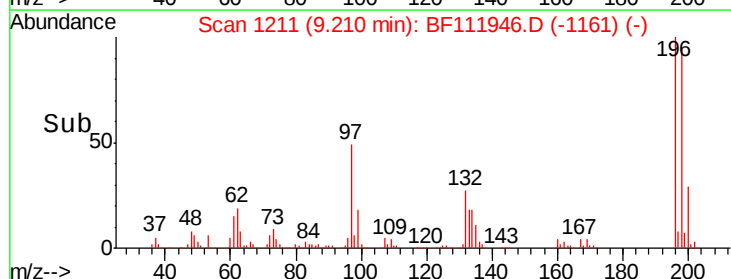
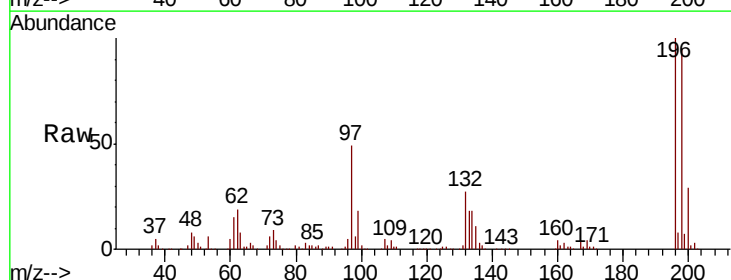
RT: 9.21 min Scan# 1211

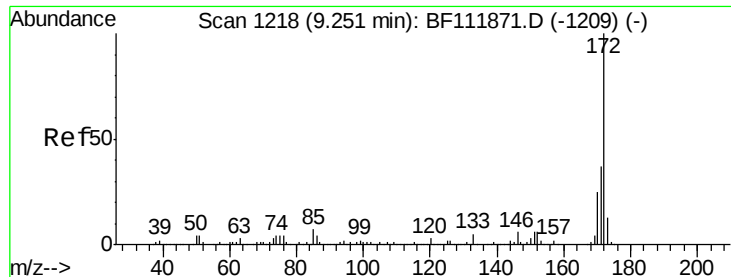
Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	196	Resp:	210040
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.2	114.2
97	48.7	36.4	54.6
132	27.2	21.7	32.5





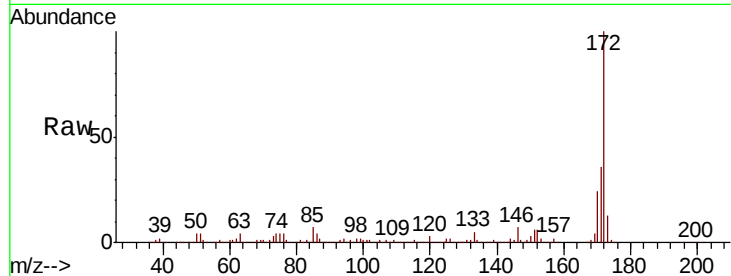
#45
2-Fluorobiphenyl
Concen: 79.929 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

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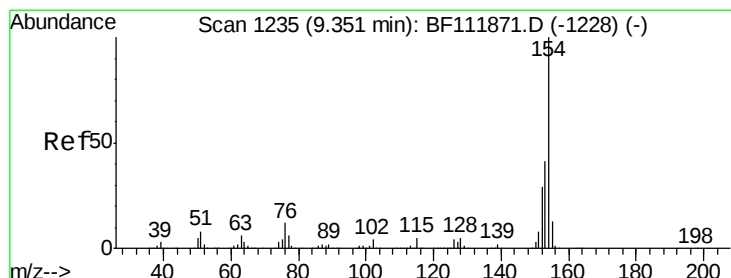
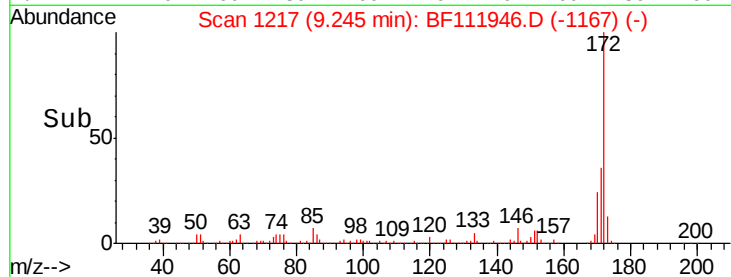
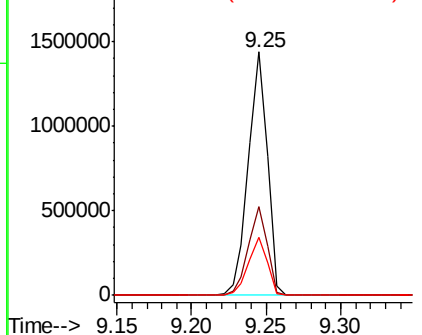


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.367 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

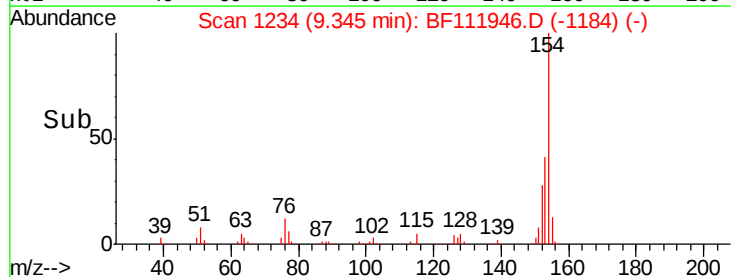
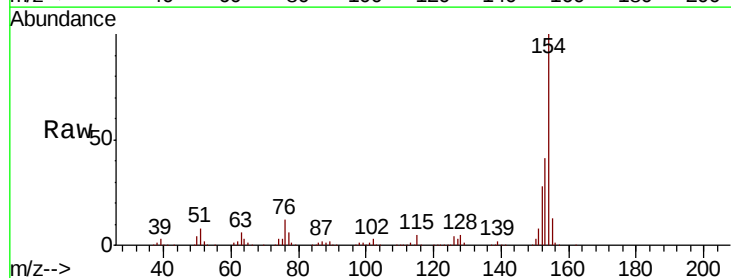
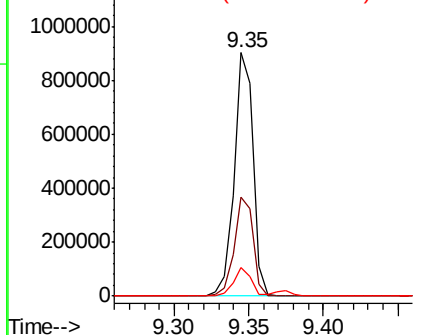
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.9	0.0	32.3

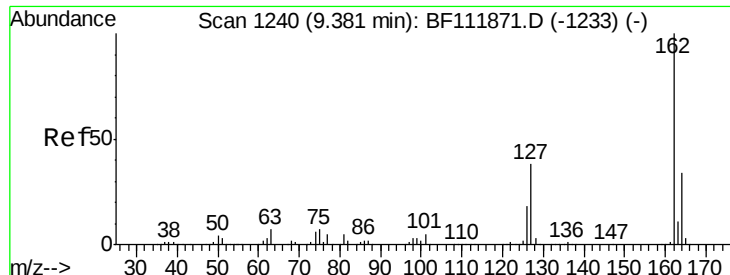
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





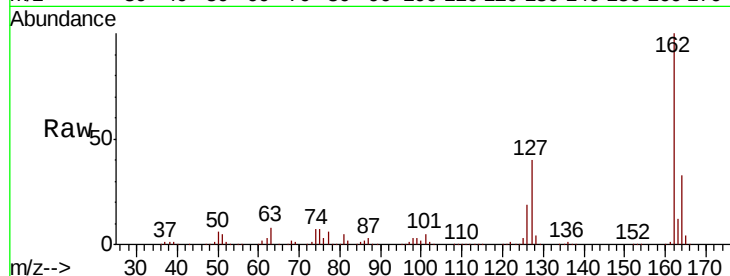
#47
 2-Chloronaphthalene
 Concen: 40.302 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

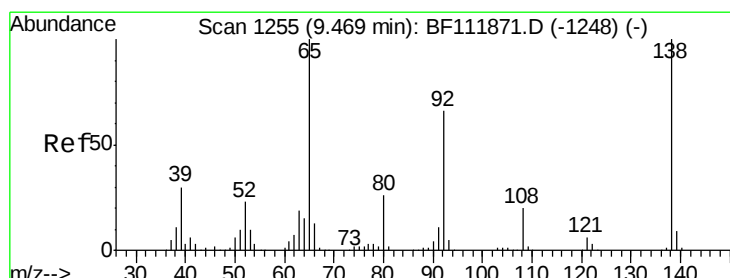
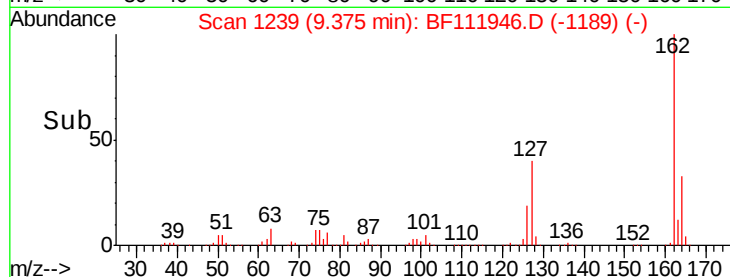
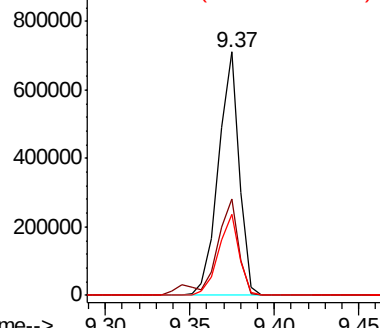
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.2	46.8
164	33.1	27.0	40.6

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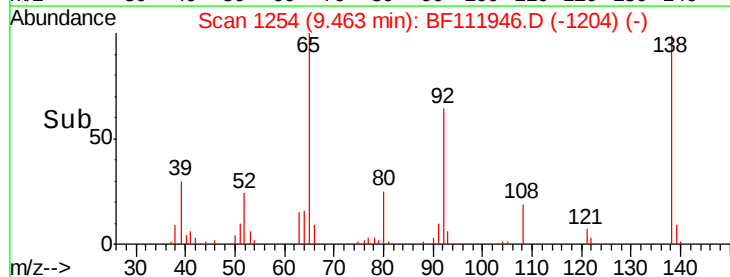
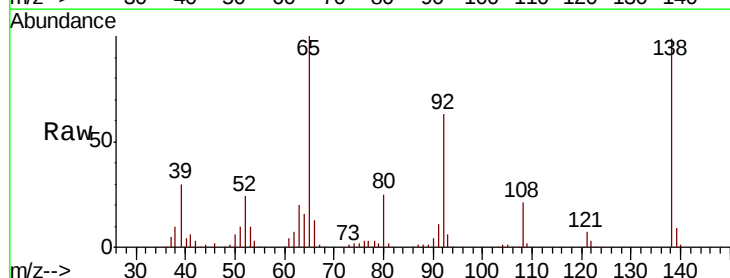
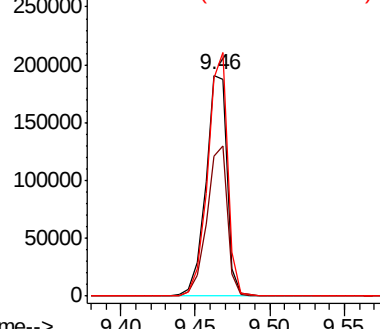
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

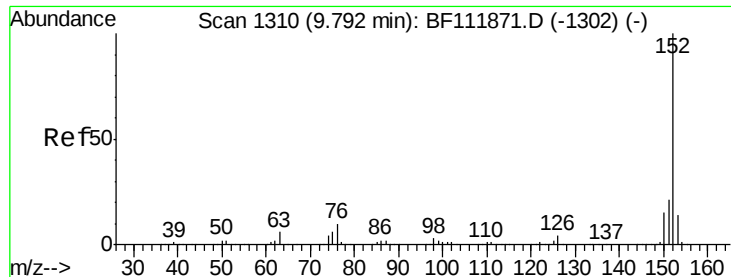


#48
 2-Nitroaniline
 Concen: 41.046 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	52.5	78.7
138	98.7	79.8	119.6

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





#49

Acenaphthylene

Concen: 38.584 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

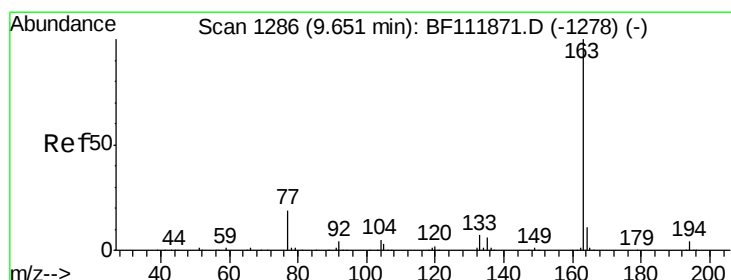
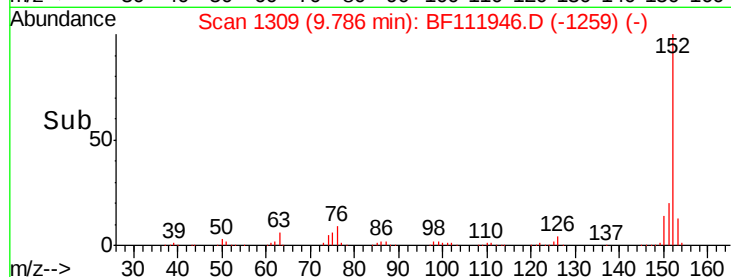
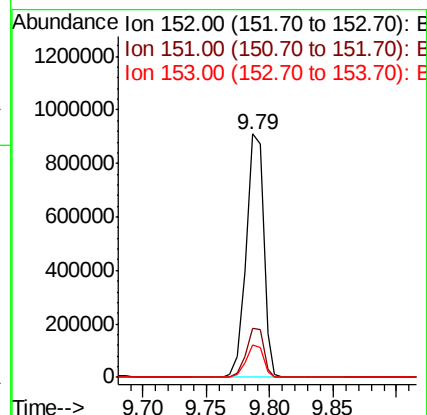
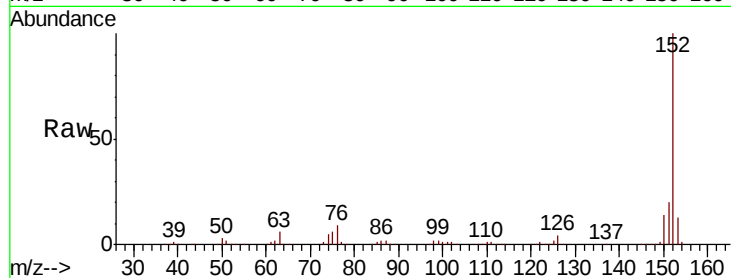
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	867435
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.6	25.0
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 38.842 ng

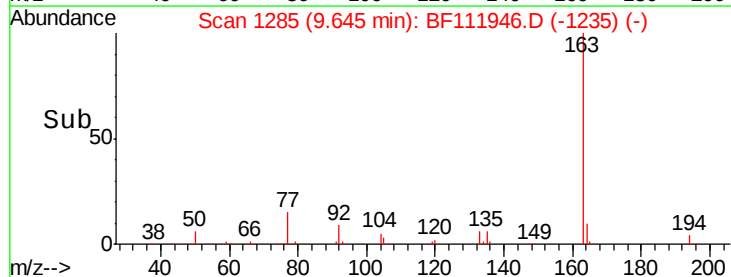
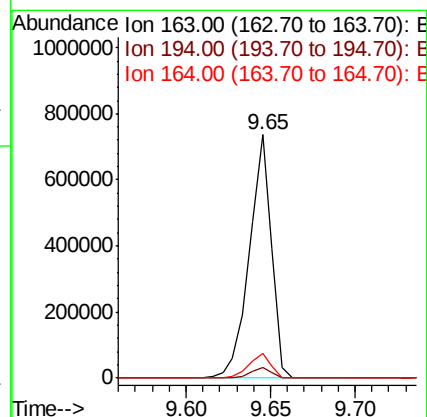
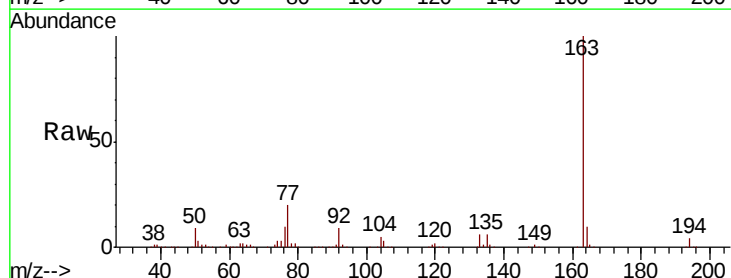
RT: 9.65 min Scan# 1285

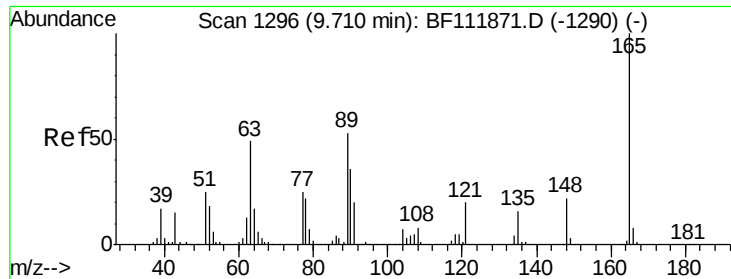
Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	163	Resp:	675860
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.1	8.5	12.7





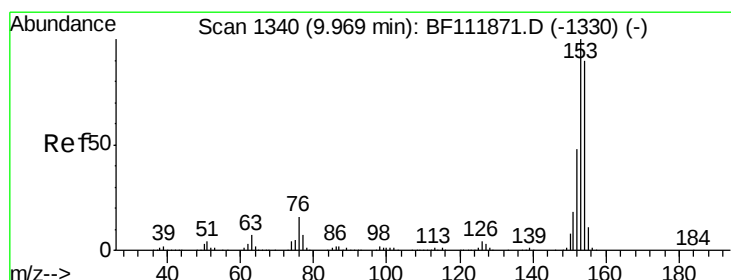
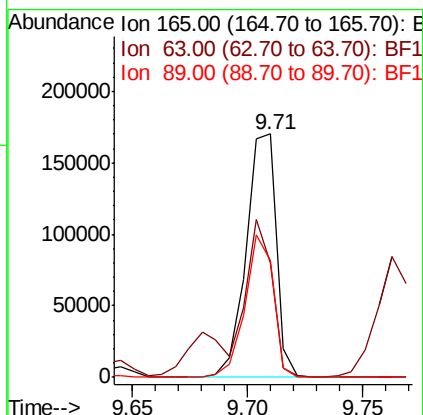
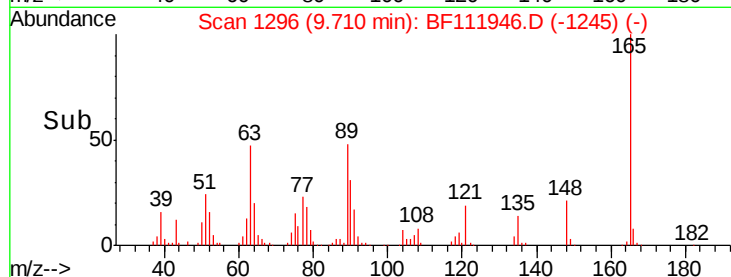
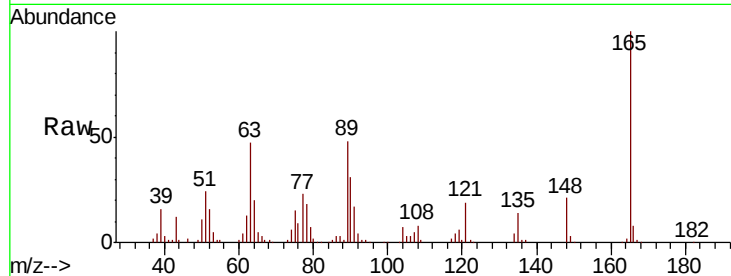
#51
2,6-Dinitrotoluene
Concen: 40.217 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156488		
63	47.0		46.2	69.2
89	48.0		42.2	63.2

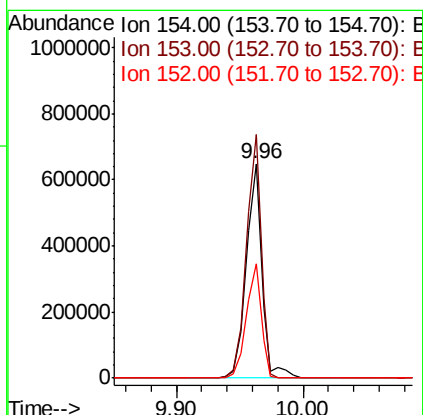
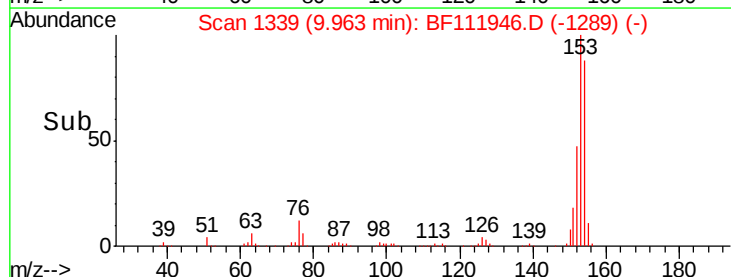
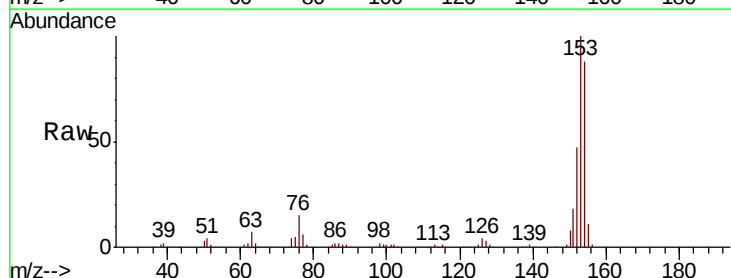
Manual Integrations
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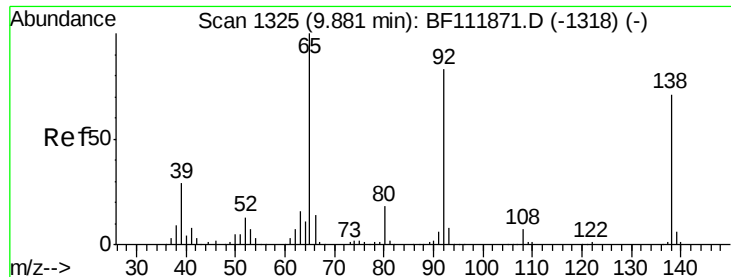
Sohil
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#52
Acenaphthene
Concen: 38.271 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	554681		
153	113.5		89.4	134.0
152	53.4		43.1	64.7





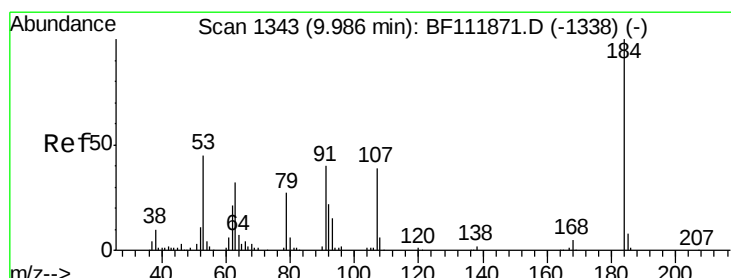
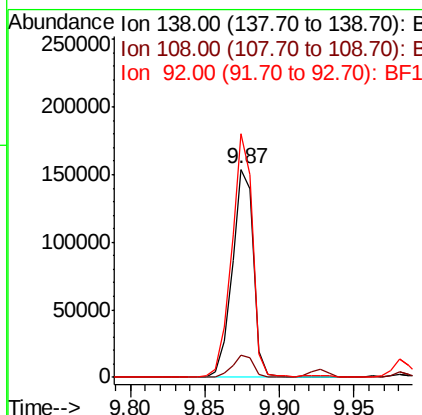
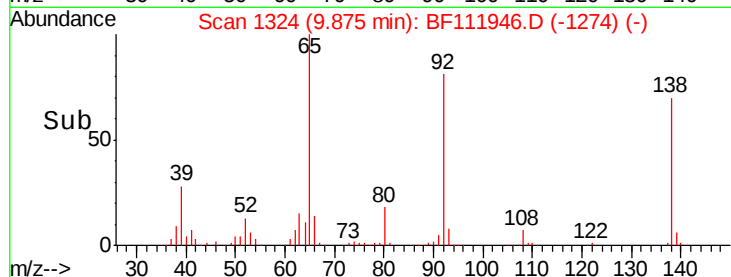
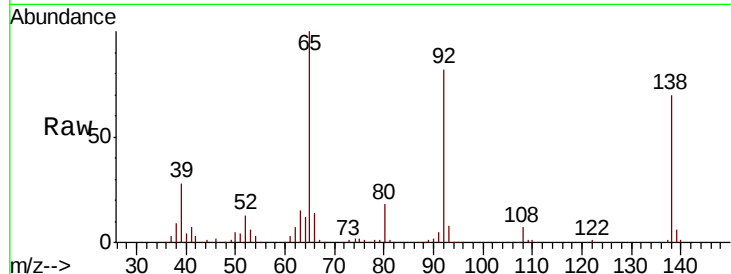
#53
3-Nitroaniline
Concen: 37.143 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	117.0	93.5	140.3

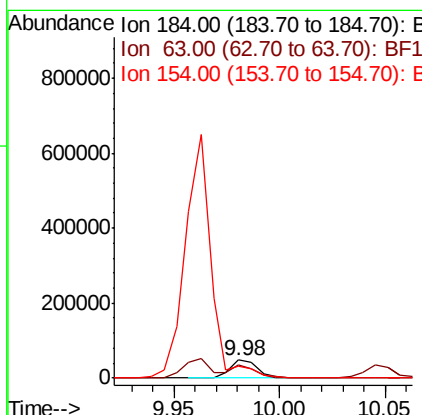
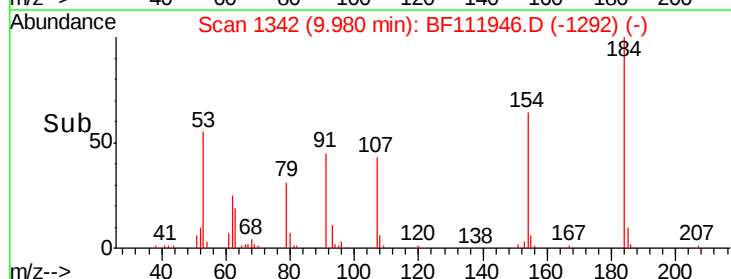
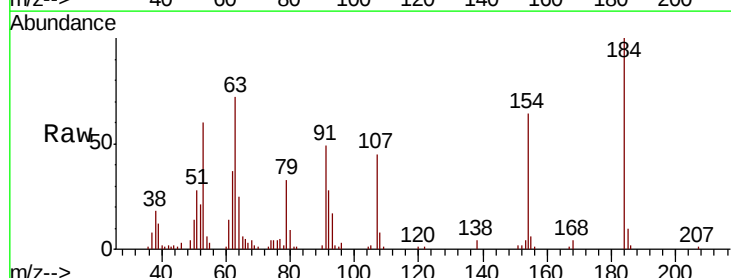
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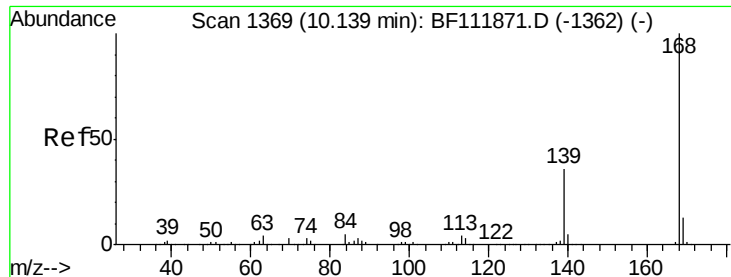
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#54
2,4-Dinitrophenol
Concen: 27.788 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	46.9	70.3#
154	64.2	46.9	70.3





#55

Dibenzofuran

Concen: 38.016 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:168 Resp: 801306

Ion Ratio Lower Upper

168 100

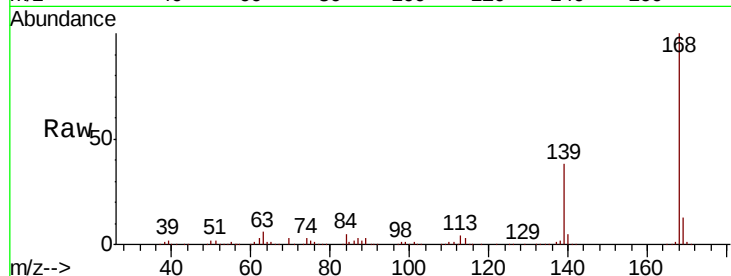
139 38.2 29.3 43.9

169 13.5 10.6 16.0

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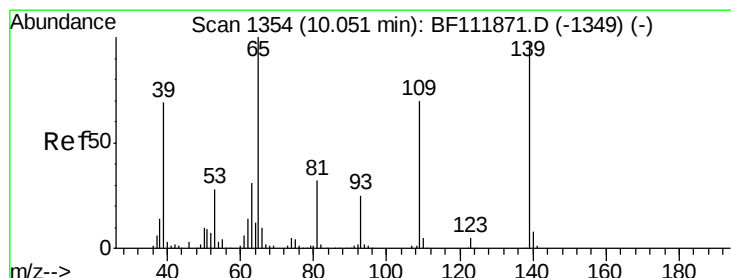
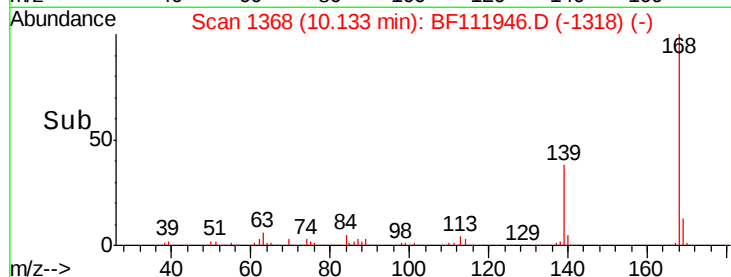
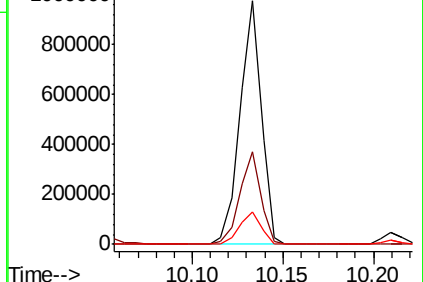
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.795 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

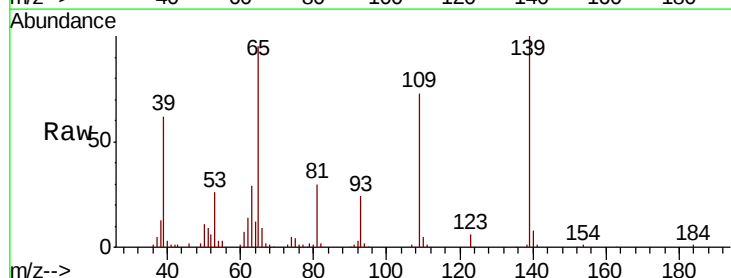
Tgt Ion:139 Resp: 105390

Ion Ratio Lower Upper

139 100

109 72.8 52.2 92.2

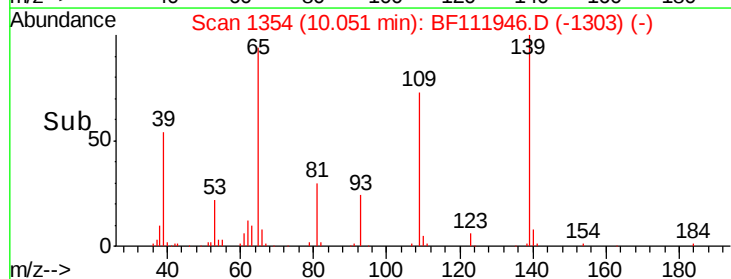
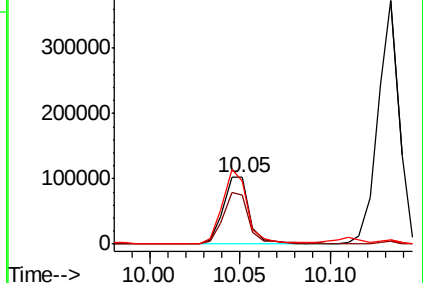
65 94.7 83.1 123.1

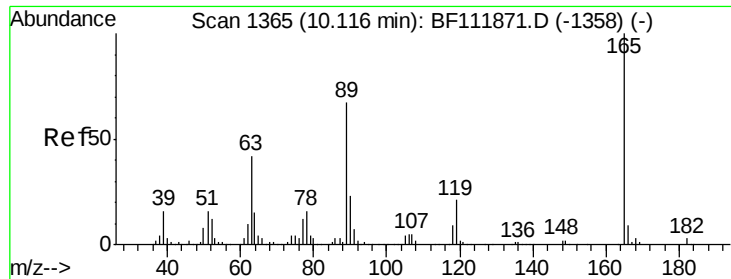


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.108 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

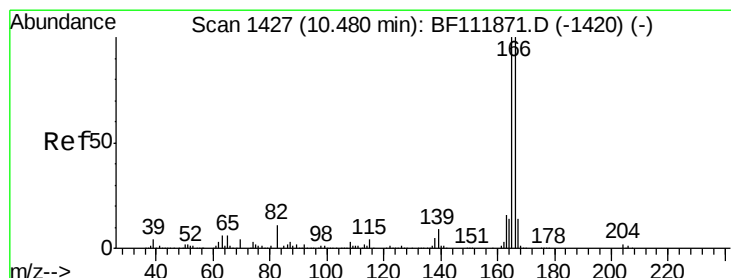
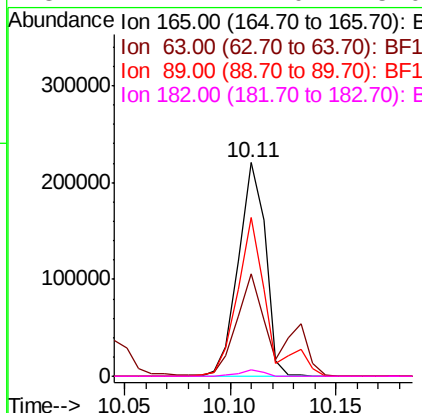
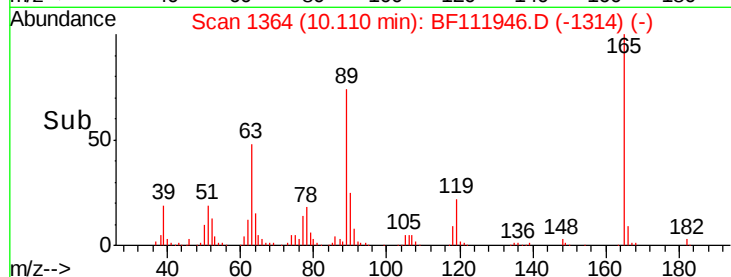
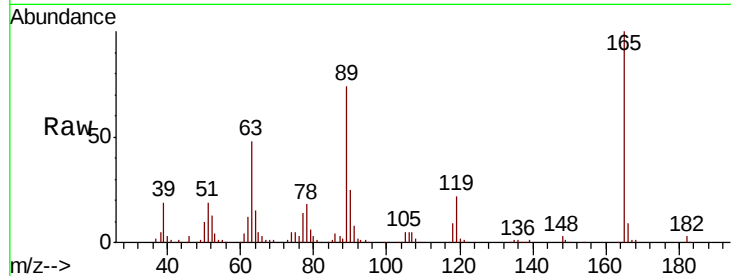
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		196629		
63	48.3		34.1	51.1	
89	74.0		53.5	80.3	
182	2.7		2.0	3.0	

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#58

Fluorene

Concen: 42.742 ng

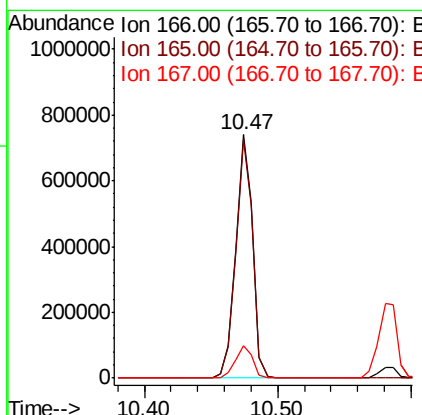
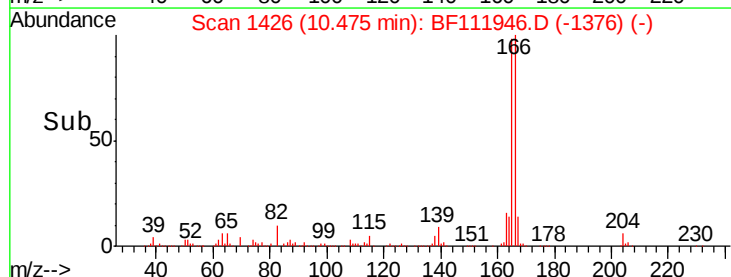
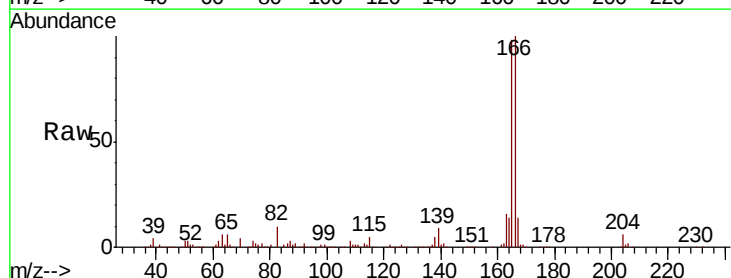
RT: 10.47 min Scan# 1426

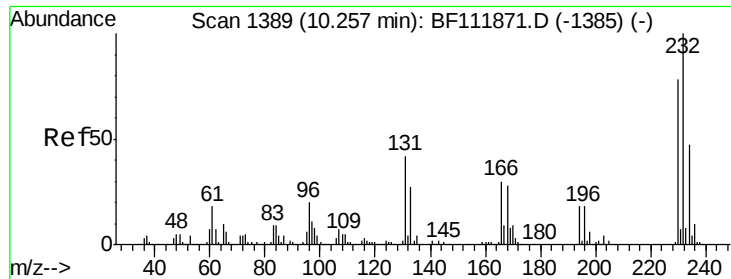
Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		655548		
165	98.2		79.7	119.5	
167	13.5		11.1	16.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.903 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:232 Resp: 167585
Ion Ratio Lower Upper

232 100

131 43.2 34.0 51.0

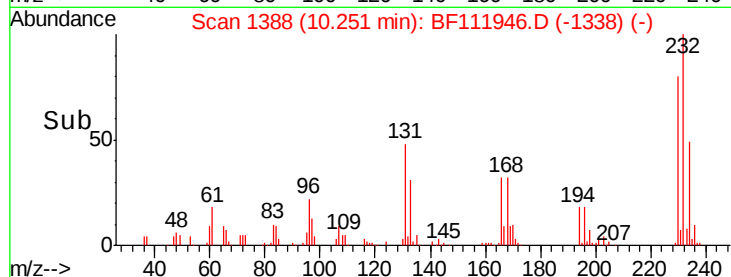
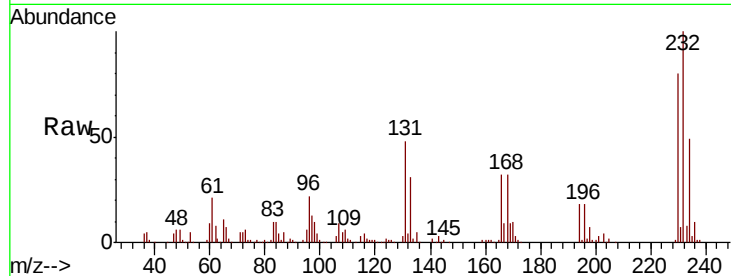
130 2.2 1.6 2.4

166 28.9 23.4 35.0

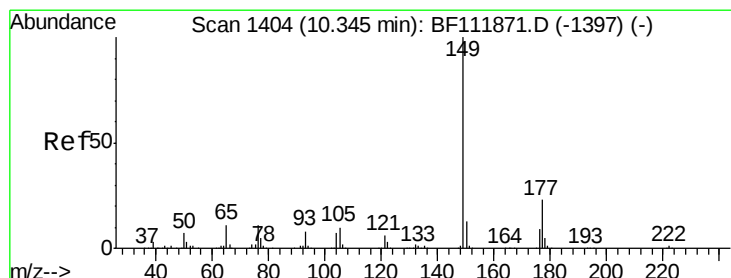
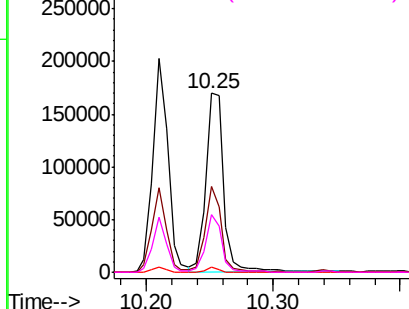
Manual Integrations
APPROVED

Sohil

1/10/2019 11:45:51 AM



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.876 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF111946.D

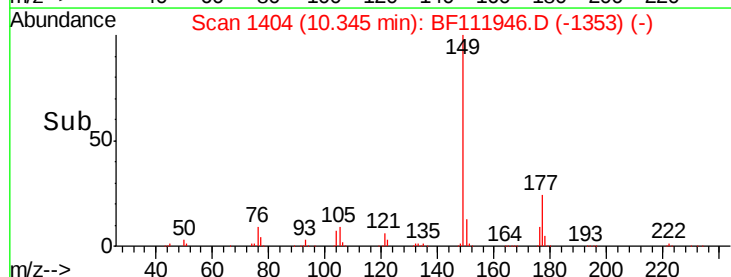
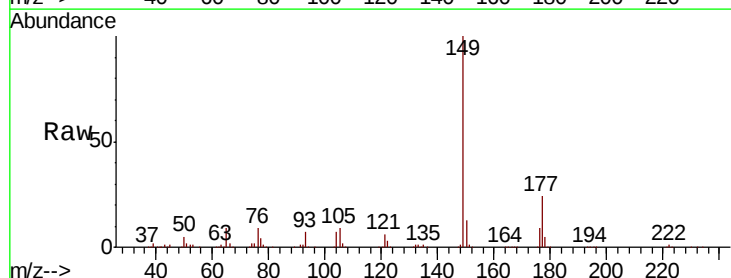
Acq: 9 Jan 2019 13:00

Tgt Ion:149 Resp: 688317
Ion Ratio Lower Upper

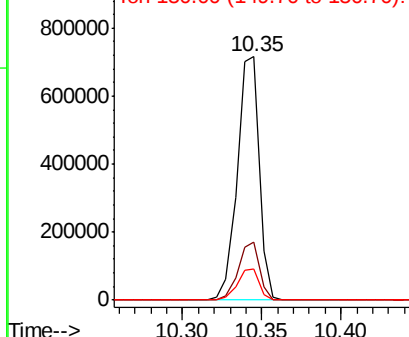
149 100

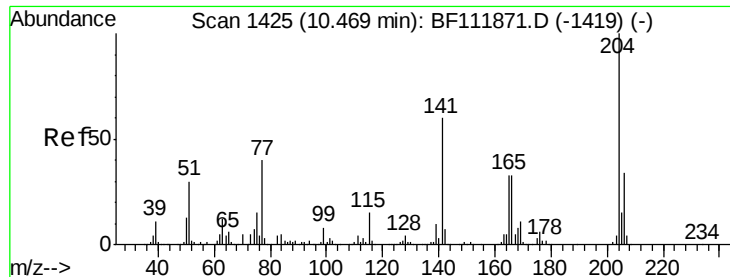
177 24.0 18.3 27.5

150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





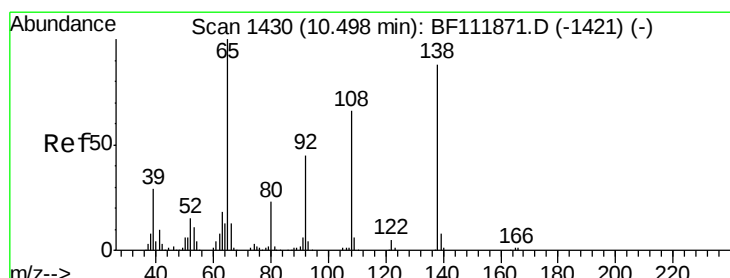
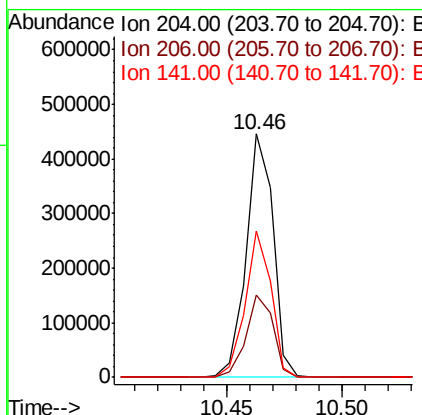
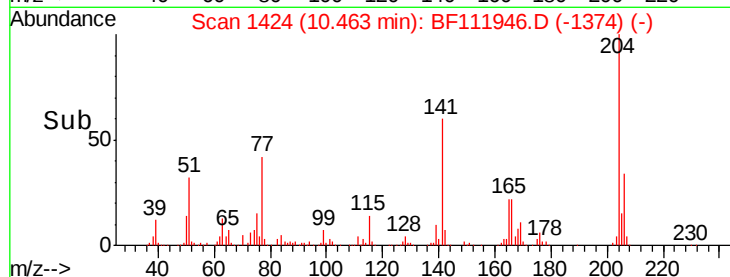
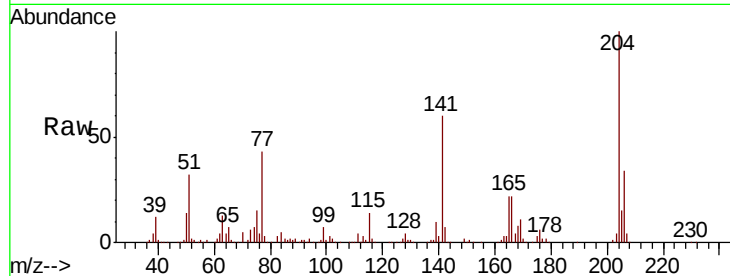
#61
4-Chlorophenyl-phenylether
Concen: 42.421 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.9	40.3
141	60.4	47.9	71.9

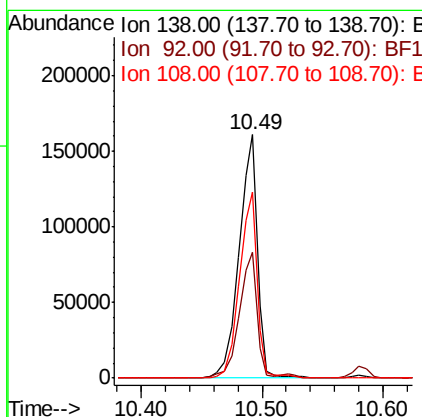
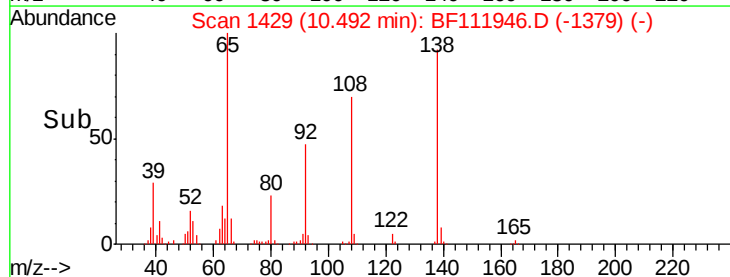
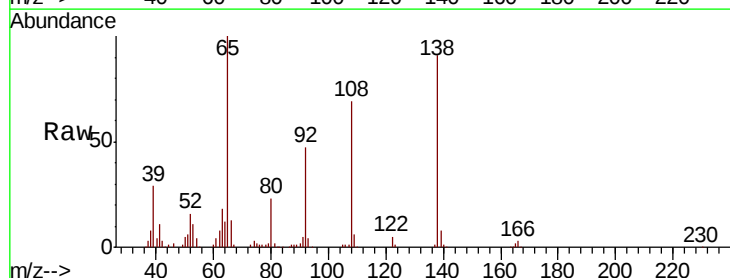
Manual Integrations
APPROVED

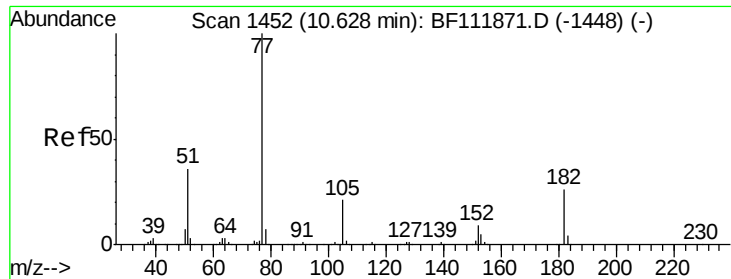
Sohil
1/10/2019 11:45:51 AM



#62
4-Nitroaniline
Concen: 43.366 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.0	71.0
108	76.3	54.7	94.7





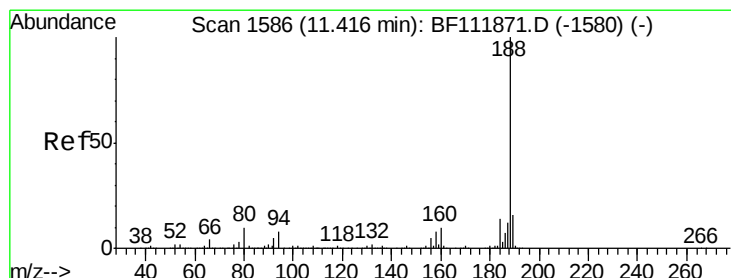
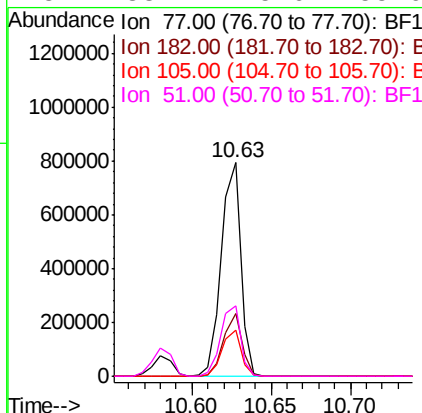
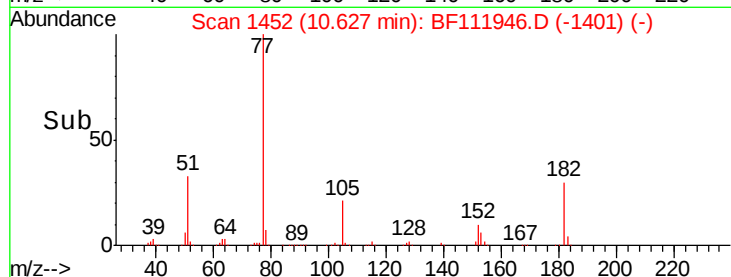
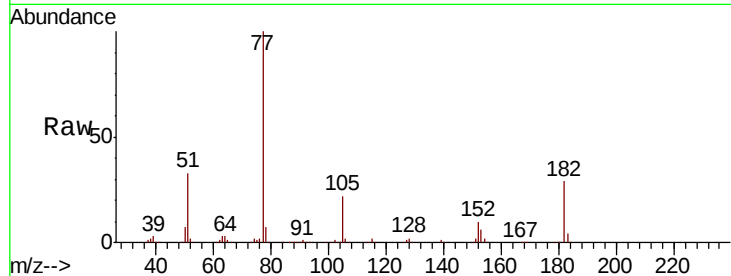
#63
Azobenzene
Concen: 42.254 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.7	45.7
105	21.6	0.8	40.8
51	33.1	15.6	55.6

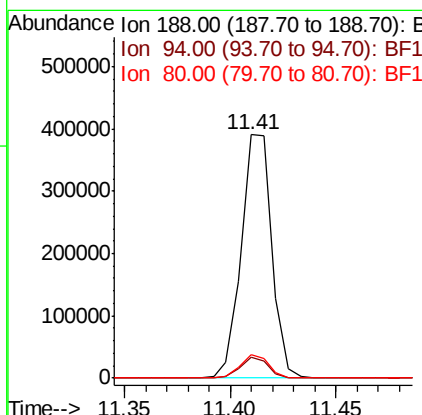
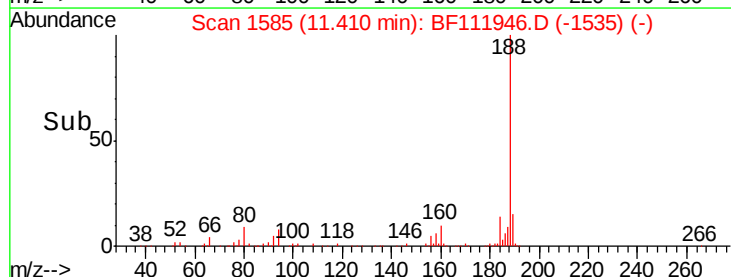
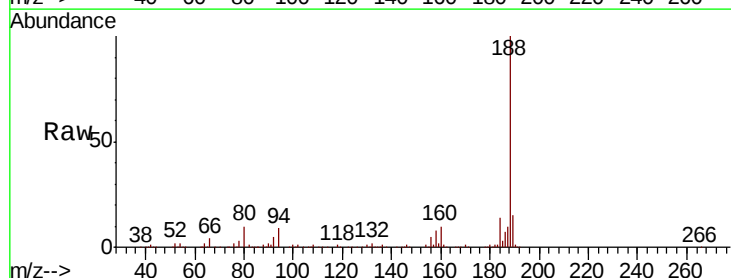
Manual Integrations
APPROVED

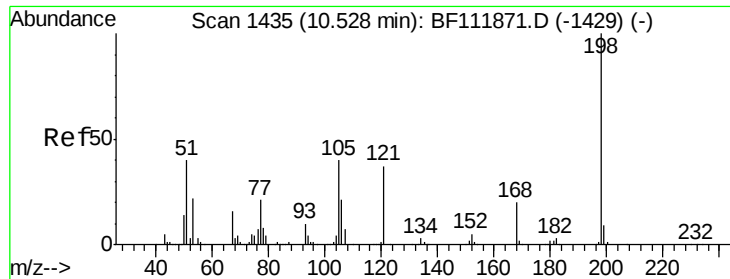
Sohil
1/10/2019 11:45:51 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.5	7.7	11.5





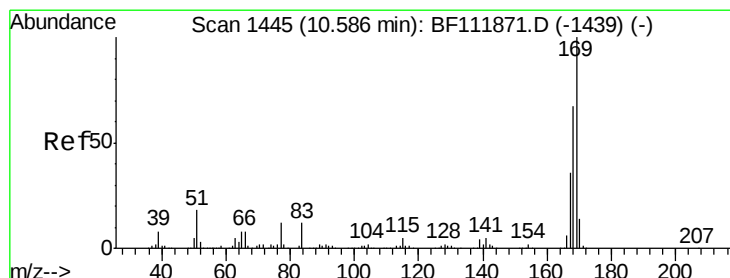
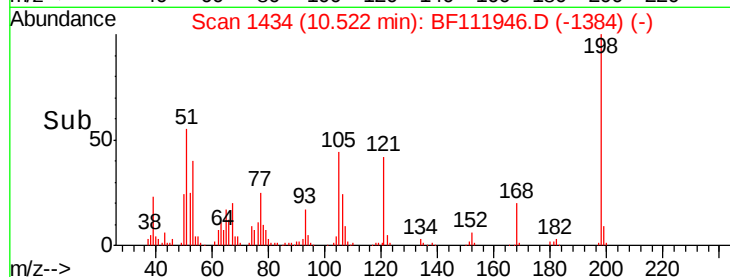
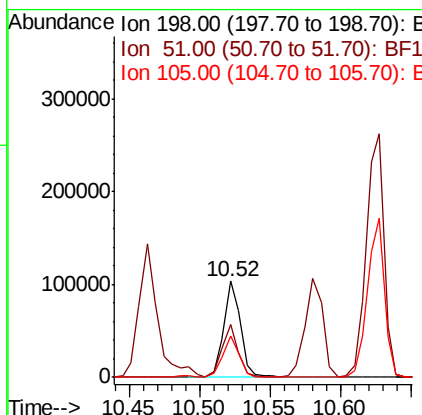
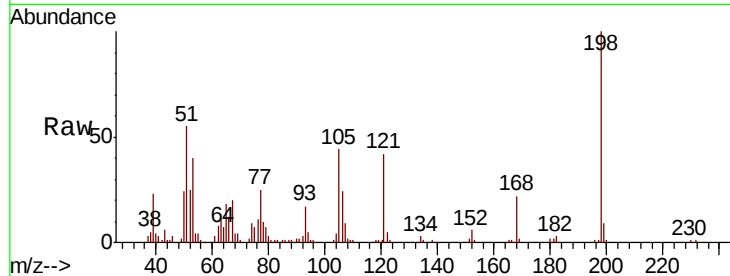
#65
4,6-Dinitro-2-methylphenol
Concen: 35.580 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.6	27.2	67.2
105	43.7	21.0	61.0

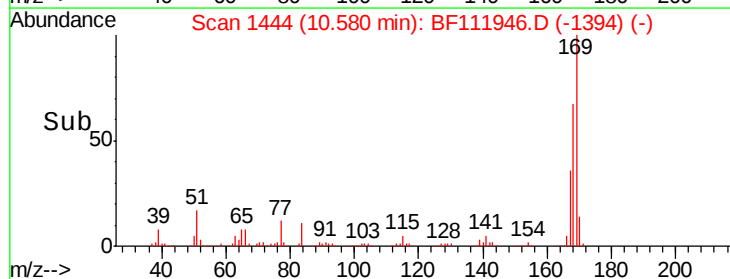
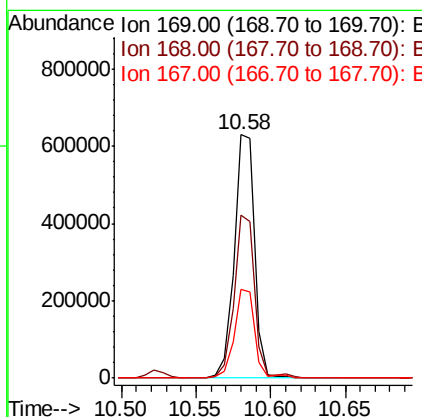
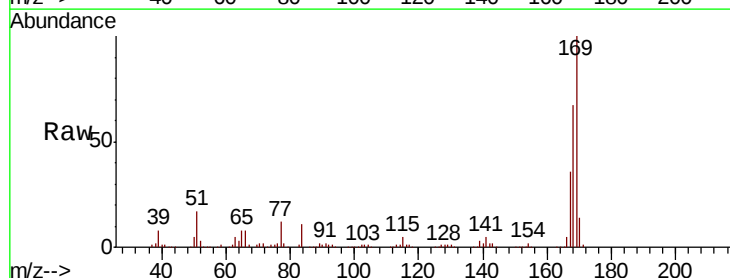
Manual Integrations
APPROVED

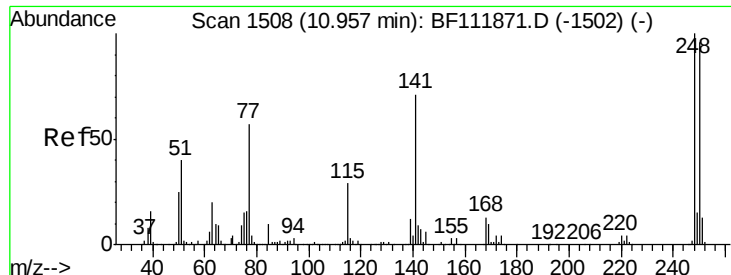
Sohil
1/10/2019 11:45:51 AM



#66
n-Nitrosodiphenylamine
Concen: 46.013 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	36.3	29.1	43.7





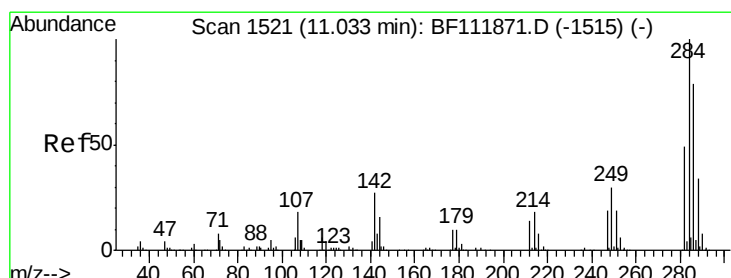
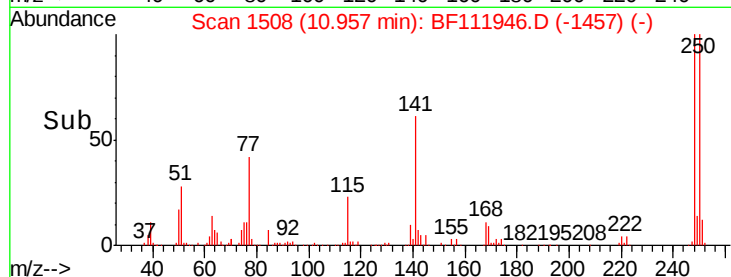
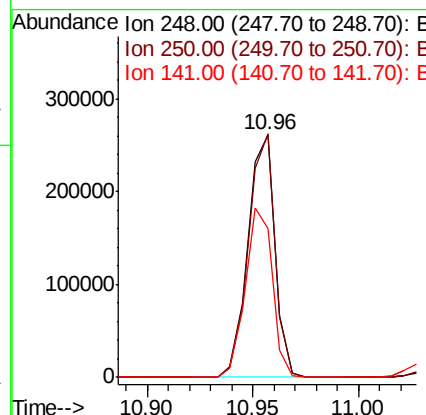
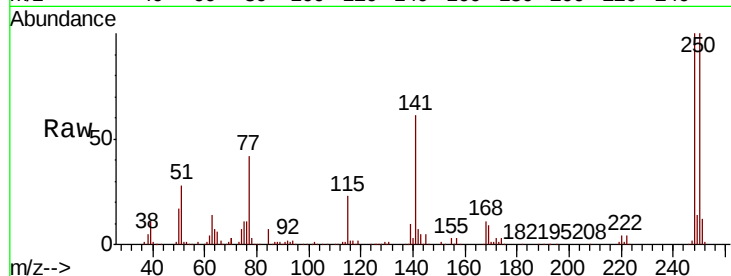
#67
4-Bromophenyl-phenylether
Concen: 45.796 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.8	115.2
141	61.2	57.0	85.6

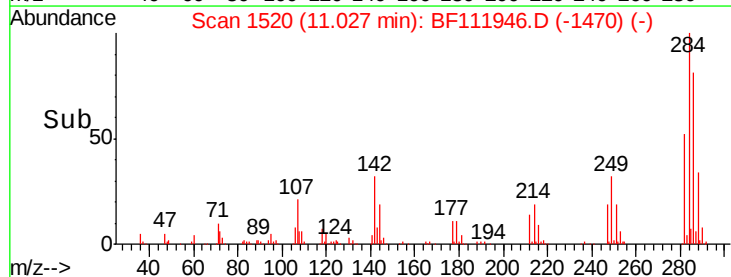
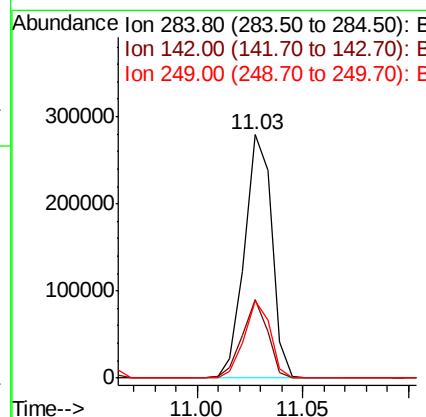
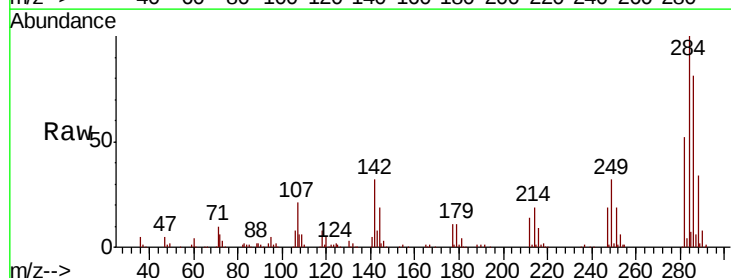
Manual Integrations
APPROVED

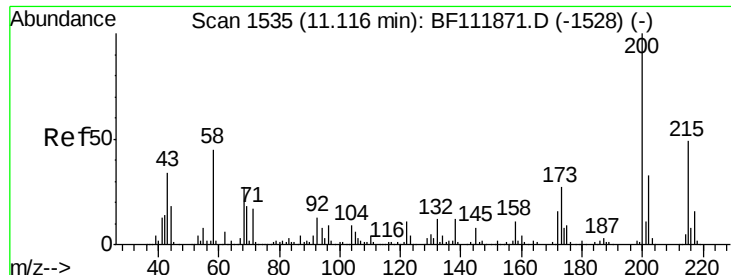
Sohil
1/10/2019 11:45:51 AM



#68
Hexachlorobenzene
Concen: 44.524 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	21.8	32.6
249	31.5	23.8	35.6





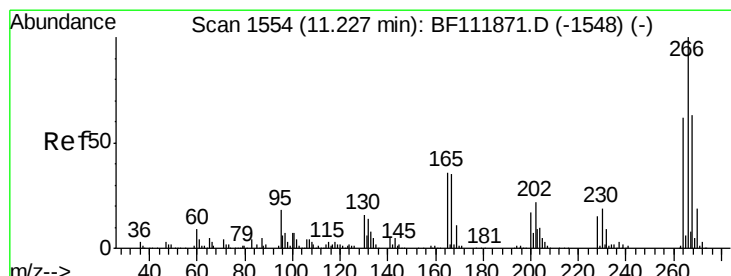
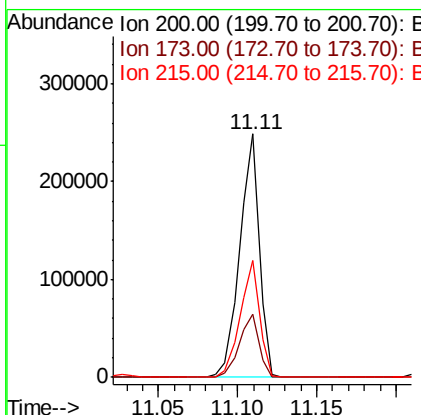
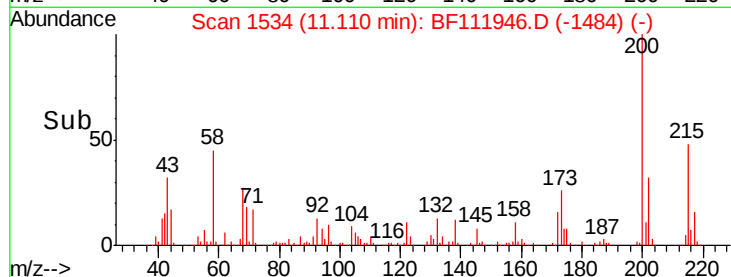
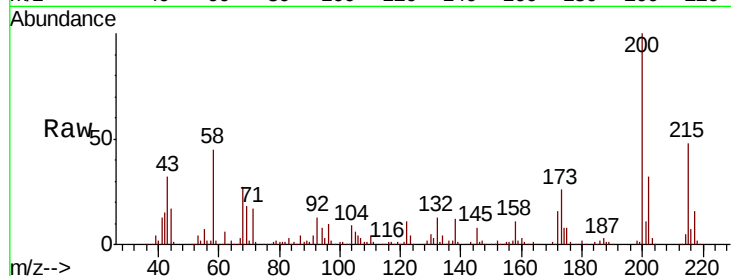
#69
Atrazine
Concen: 46.100 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.6	46.6
215	47.9	28.9	68.9

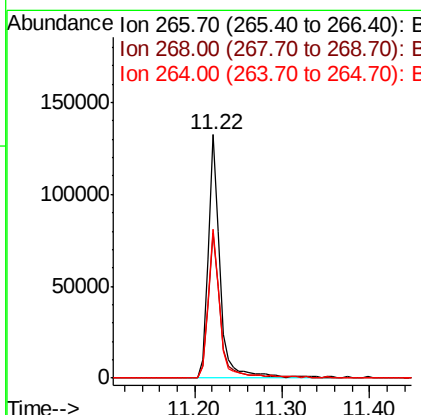
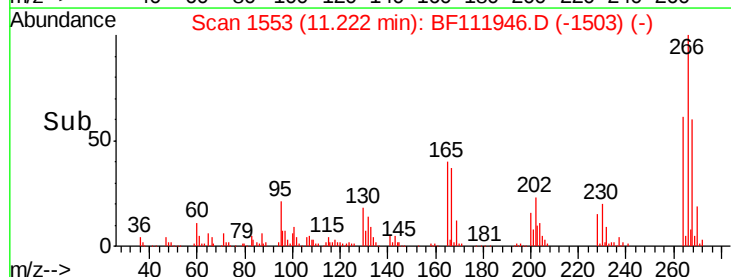
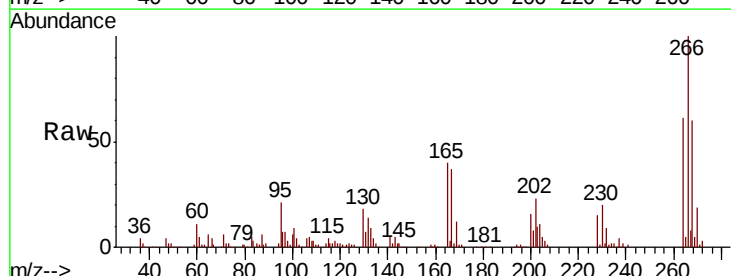
Manual Integrations
APPROVED

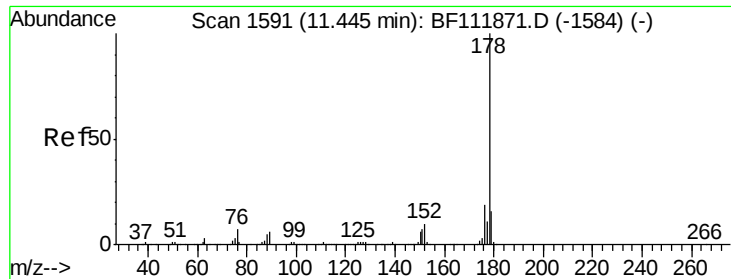
Sohil
1/10/2019 11:45:51 AM



#70
Pentachlorophenol
Concen: 39.362 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.7	50.6	76.0
264	61.1	49.3	73.9





#71

Phenanthrene

Concen: 40.701 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 851335

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

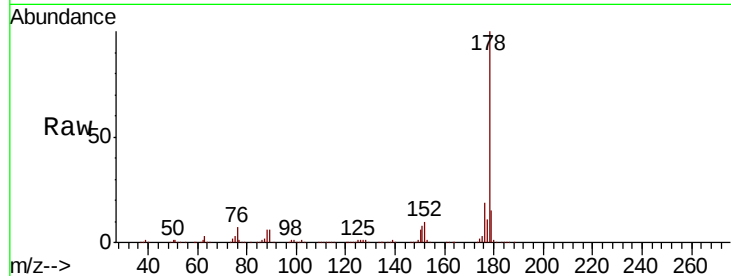
179 15.4 12.6 18.8

Manual Integrations

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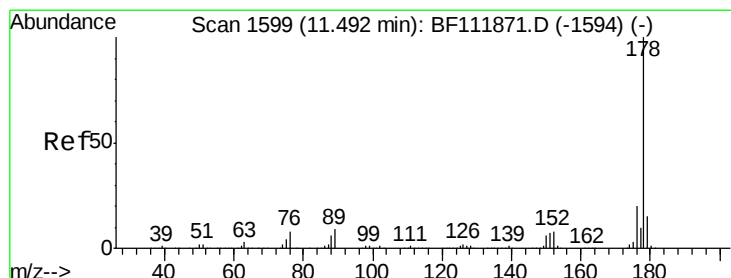
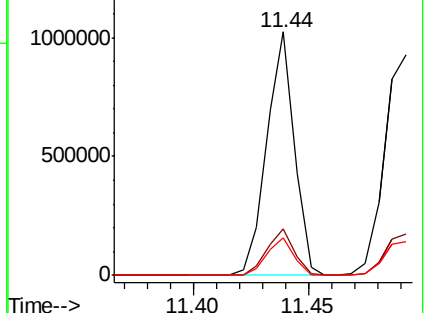
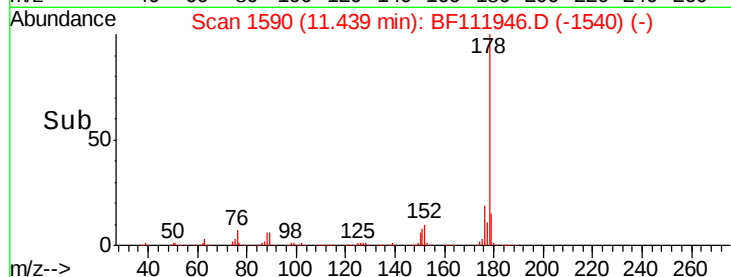
1/10/2019 11:45:51 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.963 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

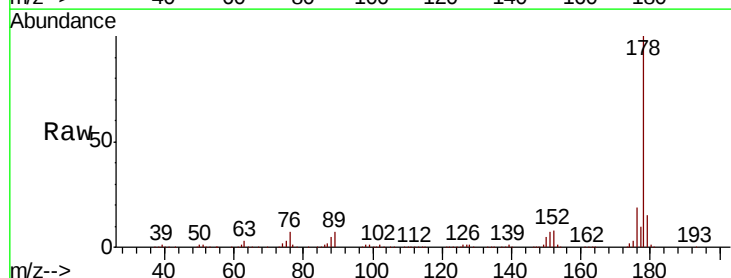
Tgt Ion:178 Resp: 848559

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

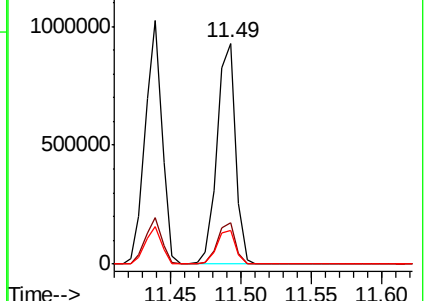
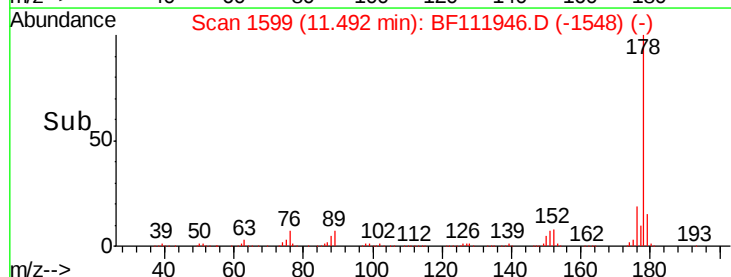
179 15.4 12.4 18.6

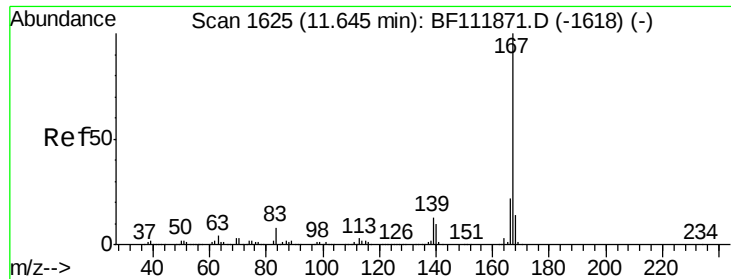


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





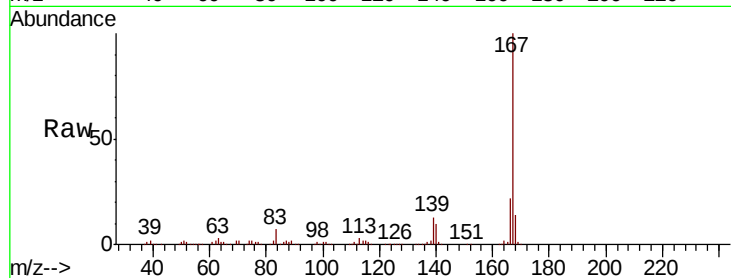
#73
 Carbazole
 Concen: 38.319 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.1	17.8	26.6		
139	12.7	10.6	16.0		

Manual Integrations
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 1/10/2019 11:45:51 AM

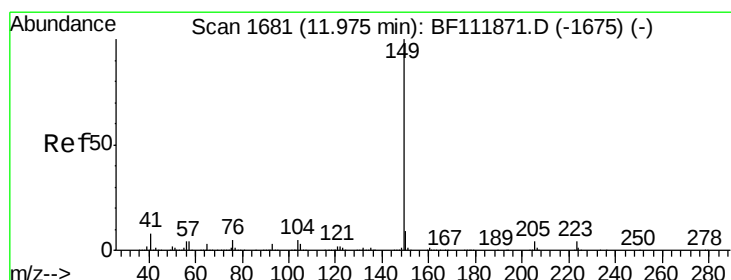
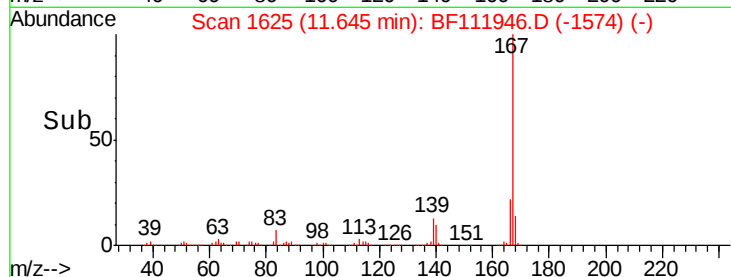
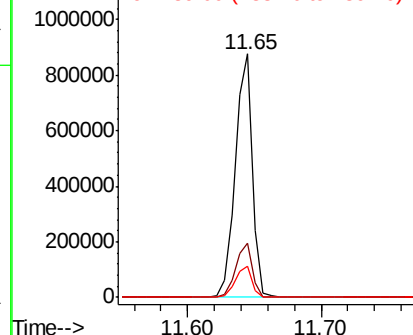


Abundance

Ion 167.00 (166.70 to 167.70): E

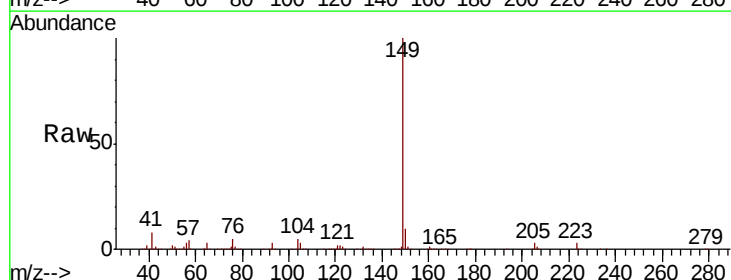
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.132 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.5	7.5	11.3		
104	4.7	3.9	5.9		

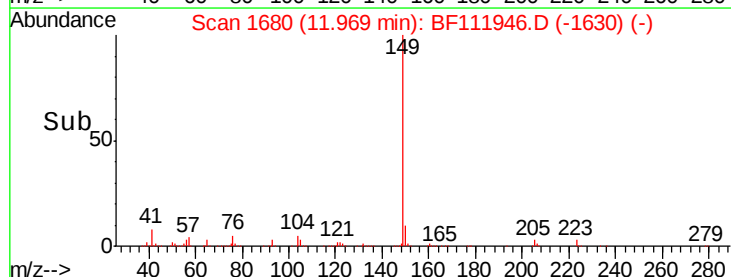
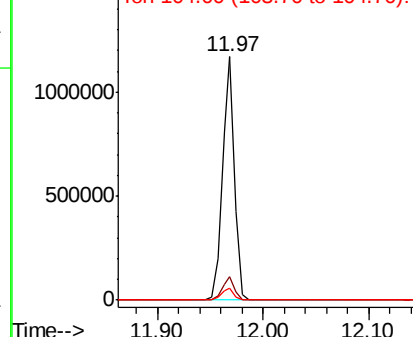


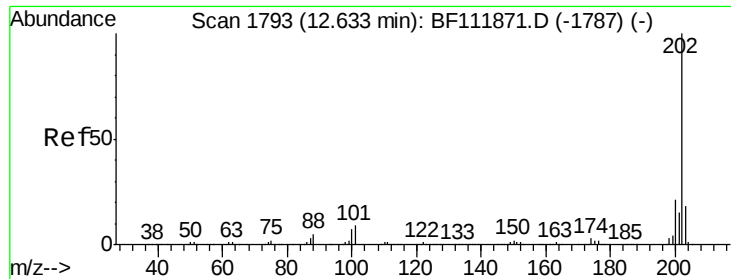
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





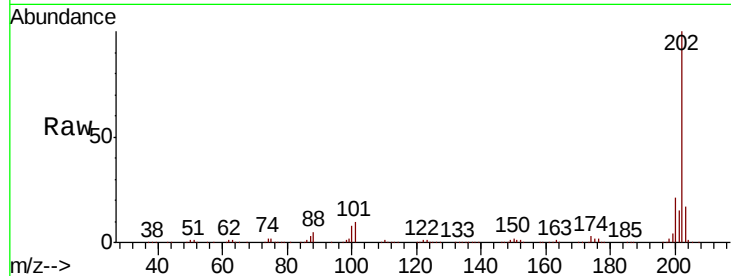
#75
 Fluoranthene
 Concen: 44.237 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	29.3
203	17.5	0.0	37.6

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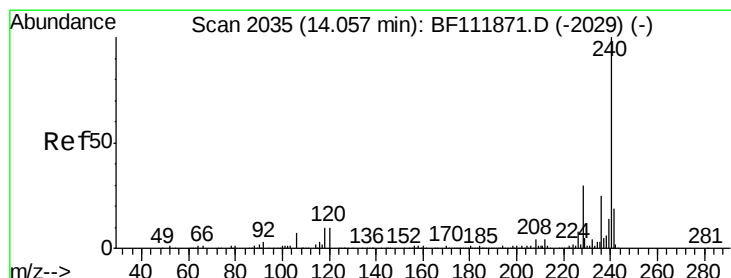
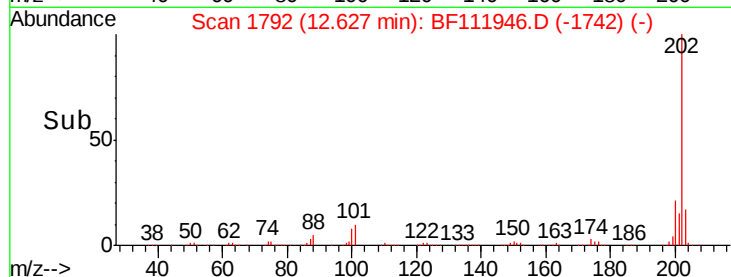
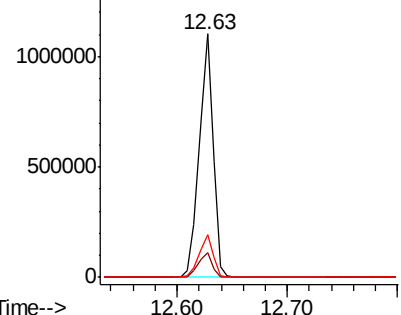


Abundance

Ion 202.00 (201.70 to 202.70): E

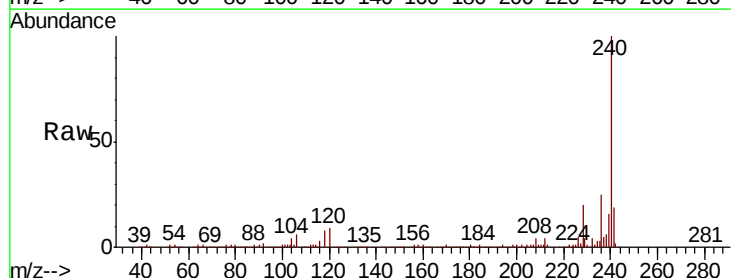
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	8.2	12.2
236	25.0	20.2	30.4

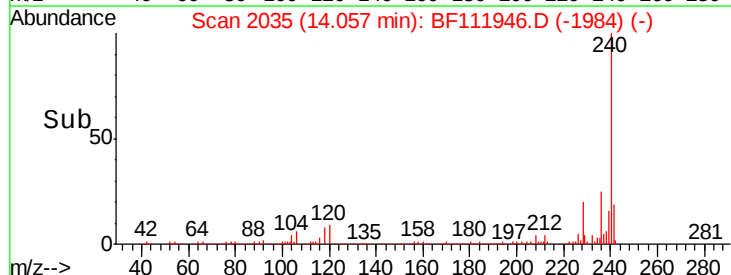
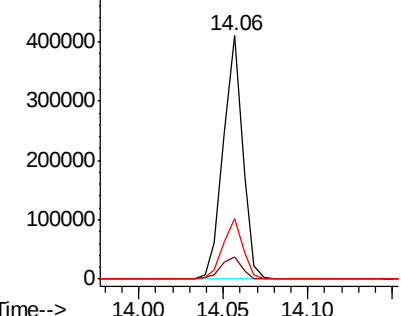


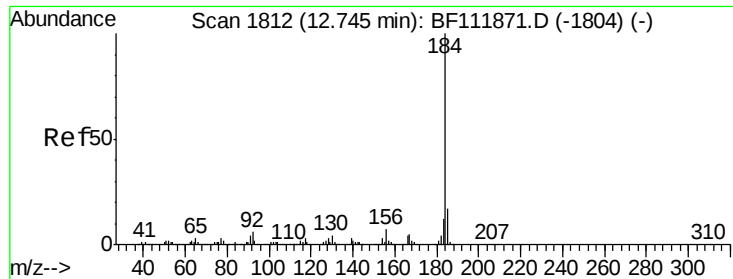
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.800 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

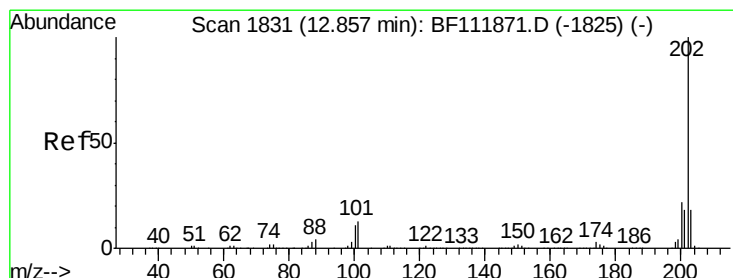
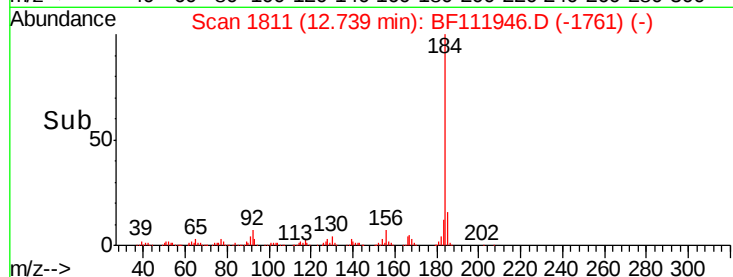
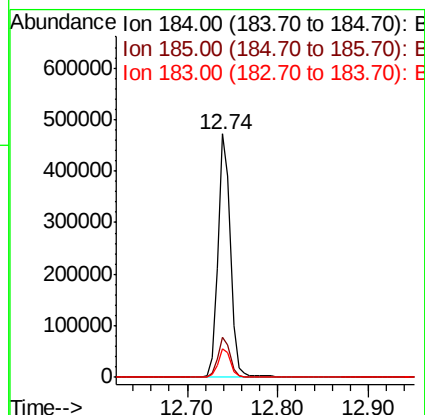
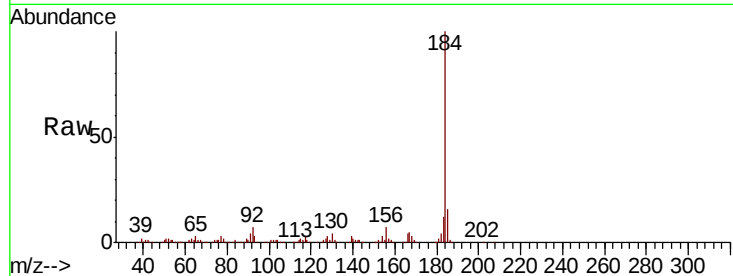
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	448716
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.4	20.0
183	11.5	9.6	14.4

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#78

Pyrene

Concen: 42.178 ng

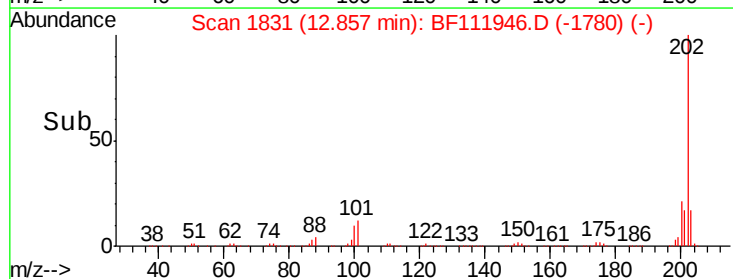
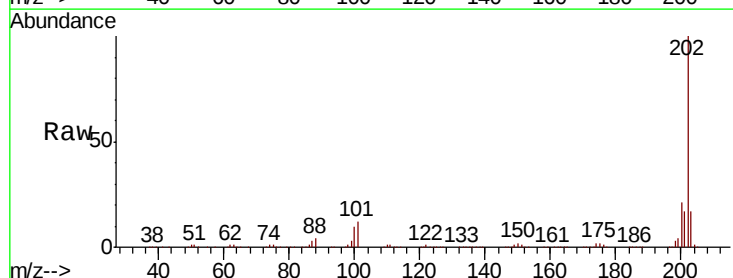
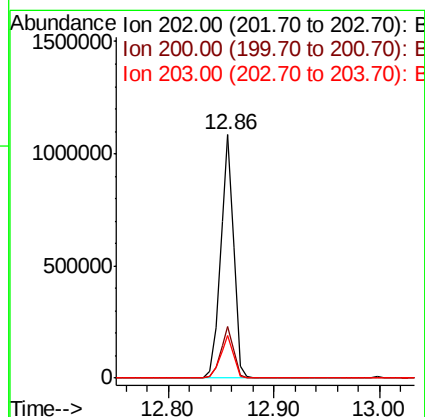
RT: 12.86 min Scan# 1831

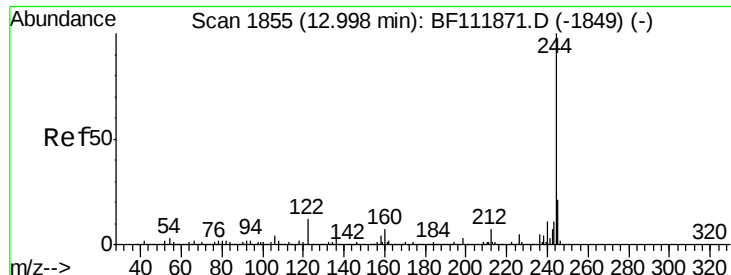
Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Tgt Ion:	202	Resp:	951555
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.5	14.6	21.8





#79

Terphenyl-d14

Concen: 83.583 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1443735

Ion Ratio Lower Upper

244 100

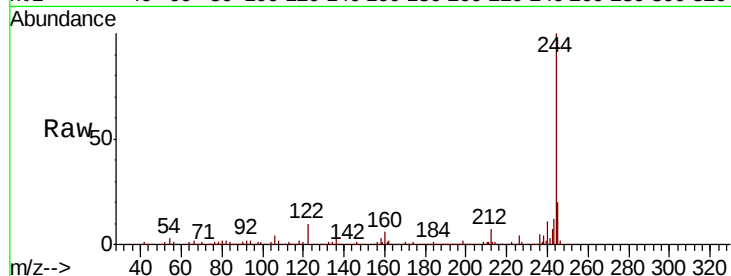
212 7.1 5.8 8.8

122 10.3 9.5 14.3

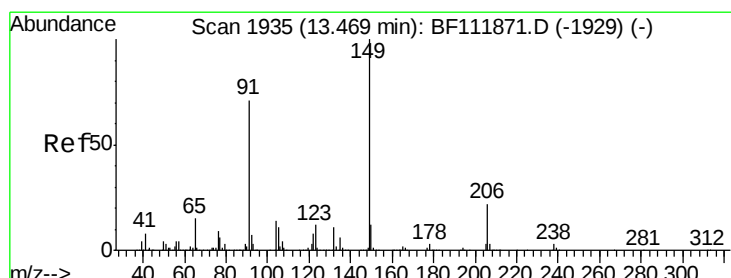
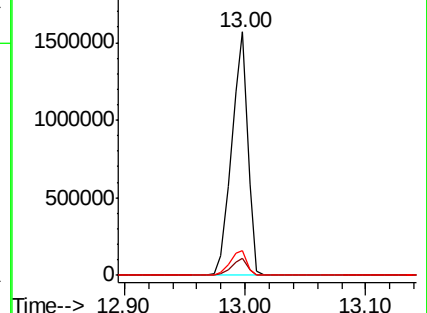
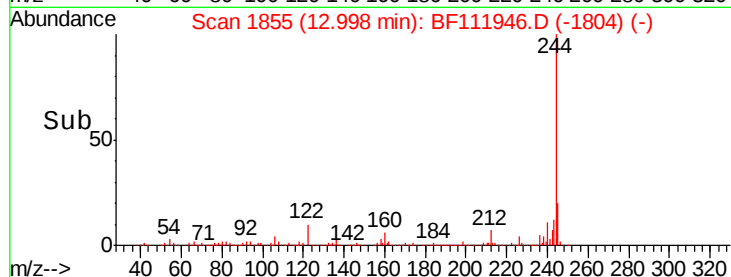
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.219 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111946.D

Acq: 9 Jan 2019 13:00

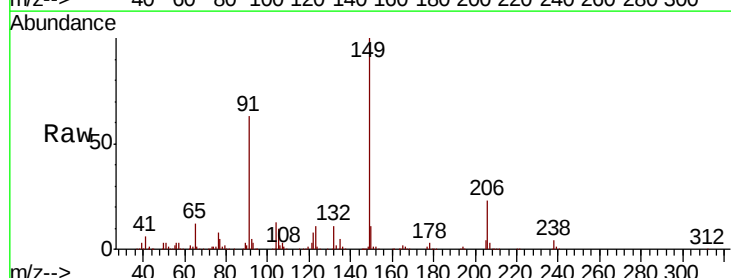
Tgt Ion:149 Resp: 412214

Ion Ratio Lower Upper

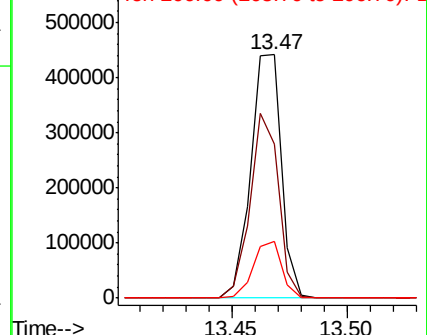
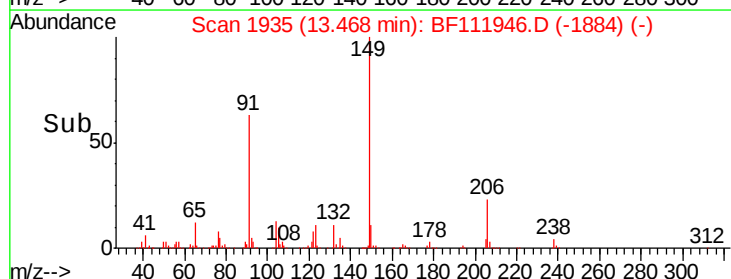
149 100

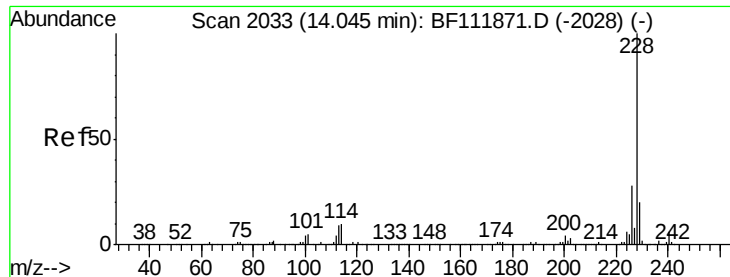
91 63.3 57.2 85.8

206 23.2 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





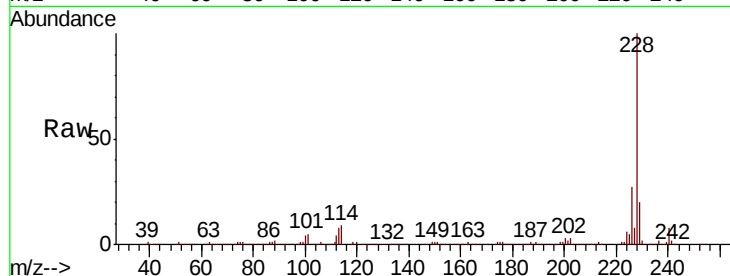
#81
Benzo(a)anthracene
Concen: 40.373 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.7	16.2	24.2

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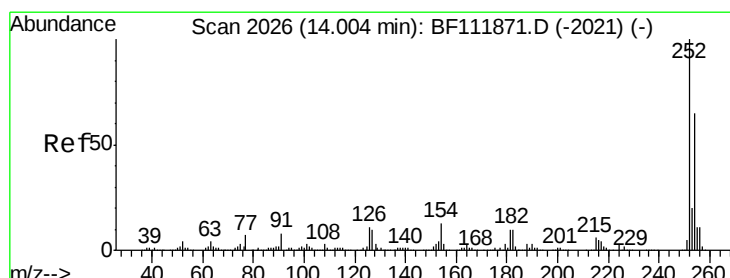
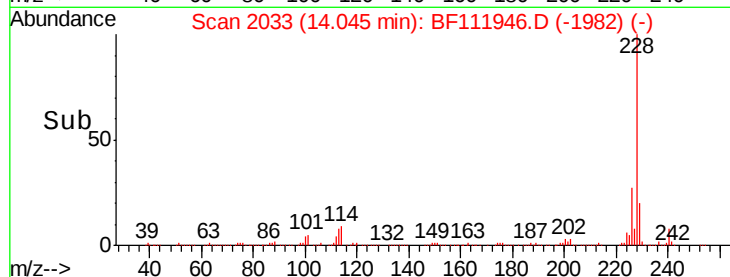
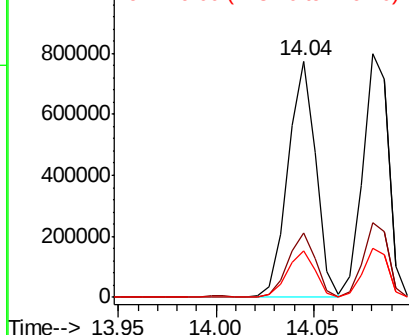


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 41.866 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

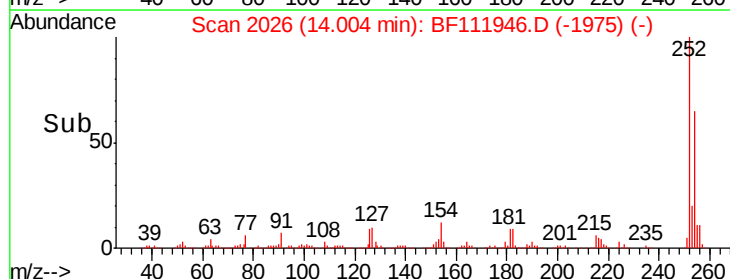
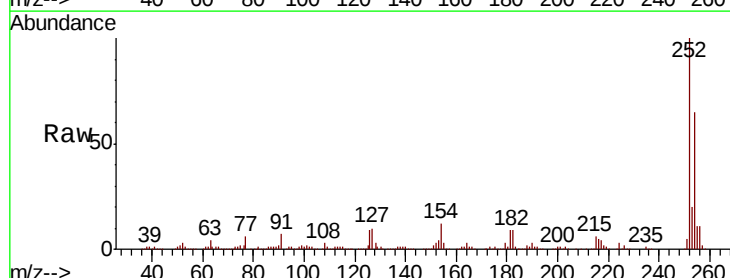
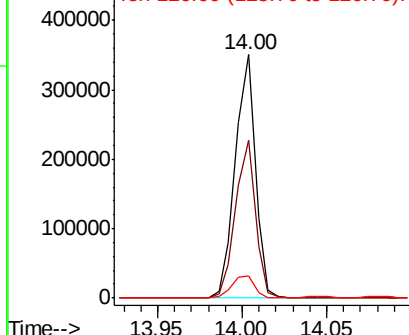
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	9.3	8.6	12.8

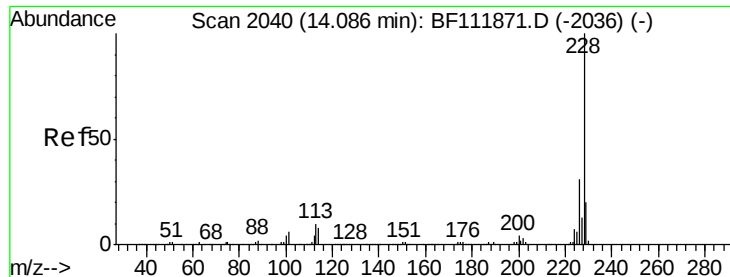
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





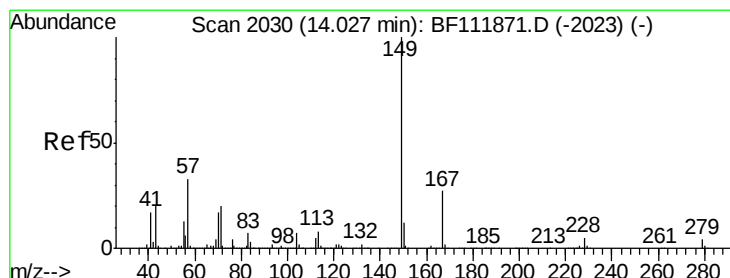
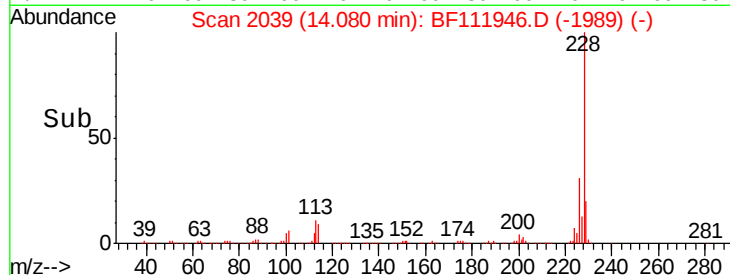
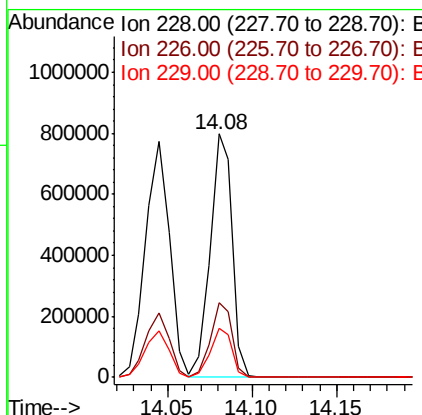
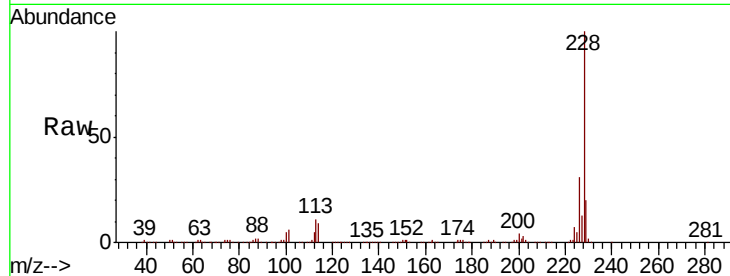
#83
 Chrvsene
 Concen: 40.348 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.9	15.7	23.5

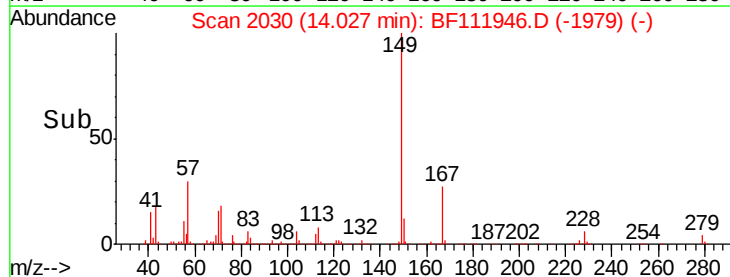
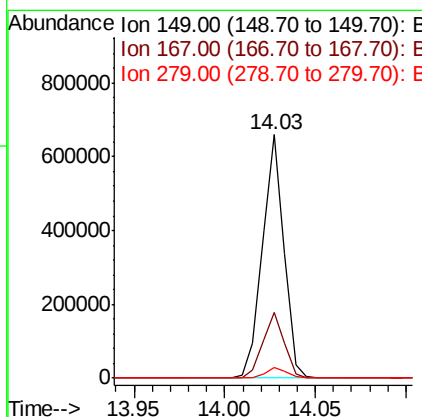
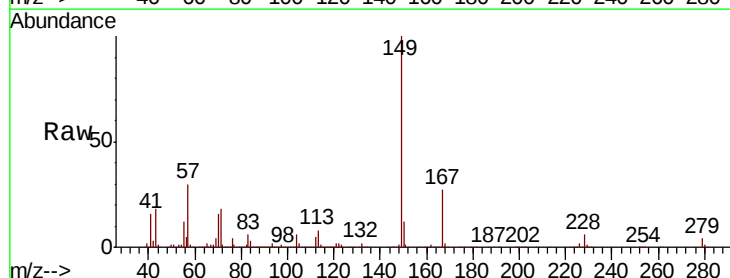
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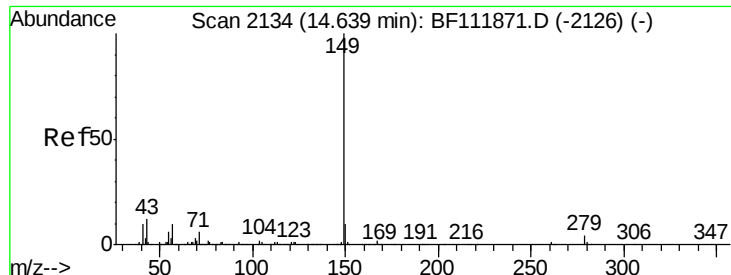
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.598 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF111946.D
 Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	4.2	3.0	4.6





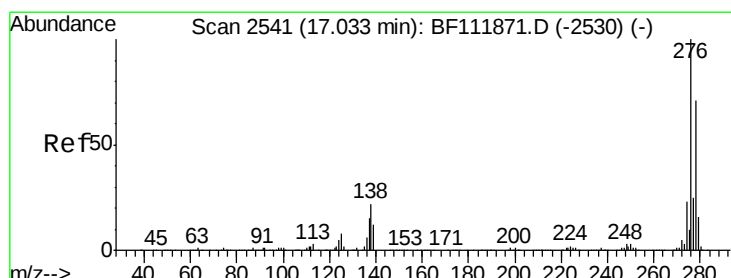
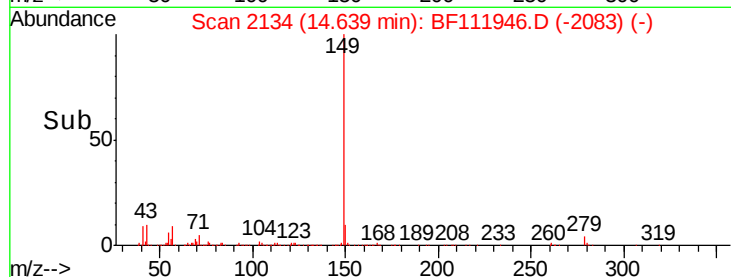
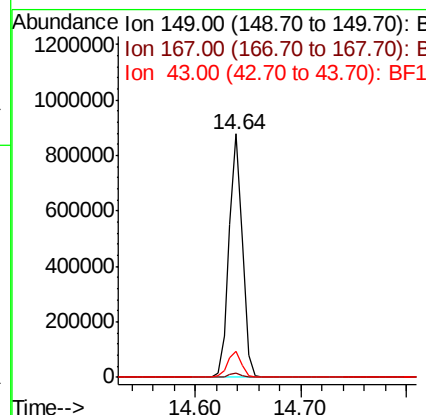
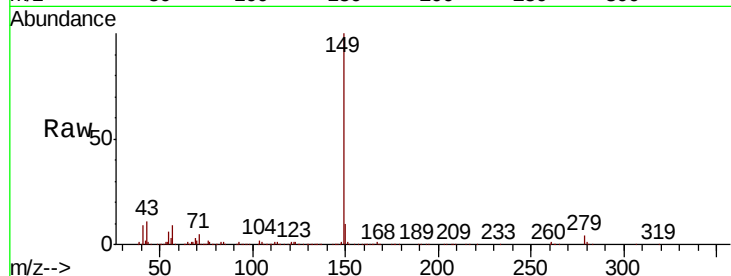
#85
Di-n-octyl phthalate
Concen: 42.948 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.9	9.1	13.7

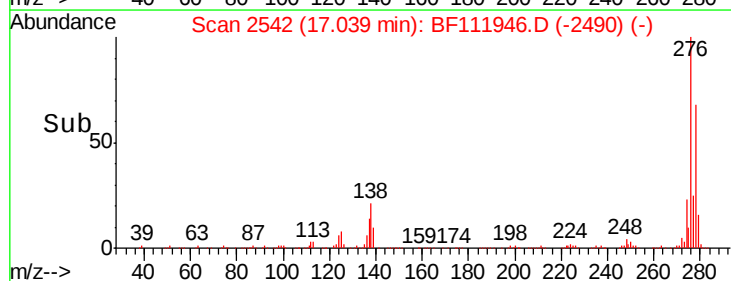
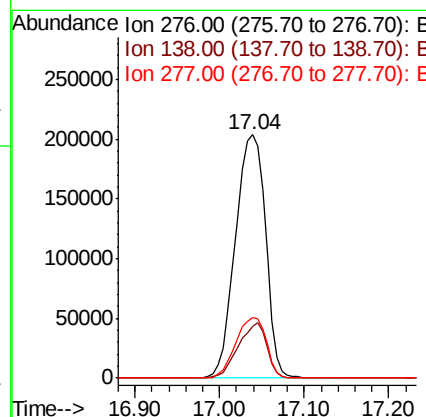
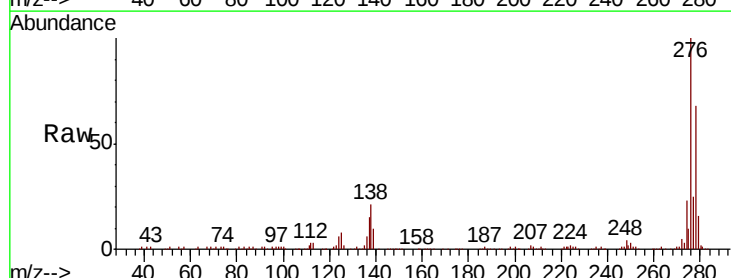
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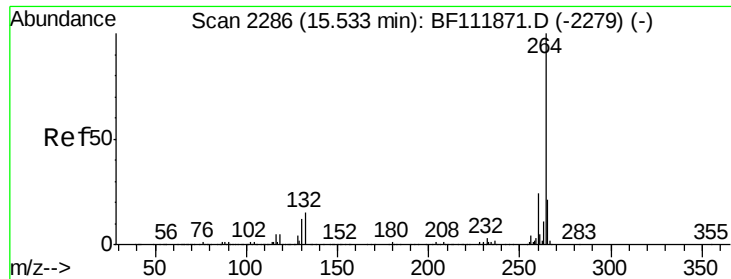
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.337 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.1	27.1
277	25.3	19.9	29.9





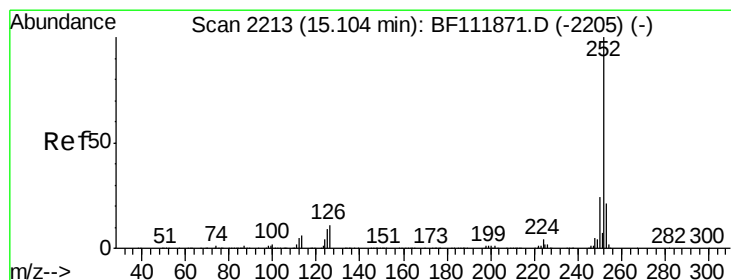
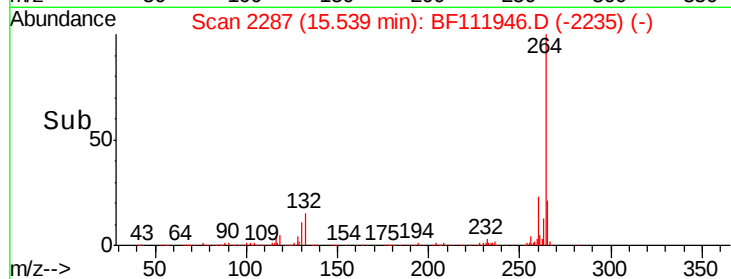
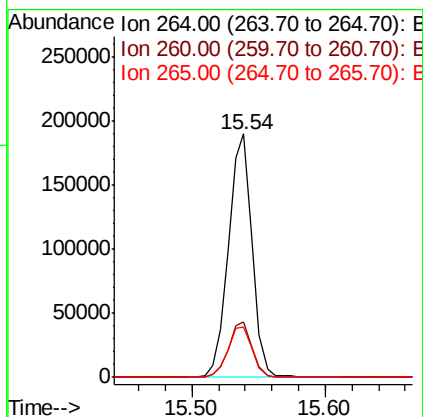
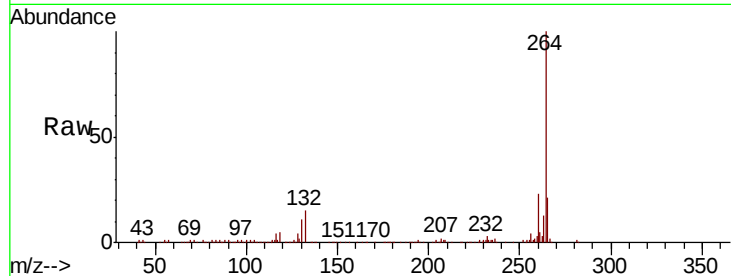
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	17.1	25.7

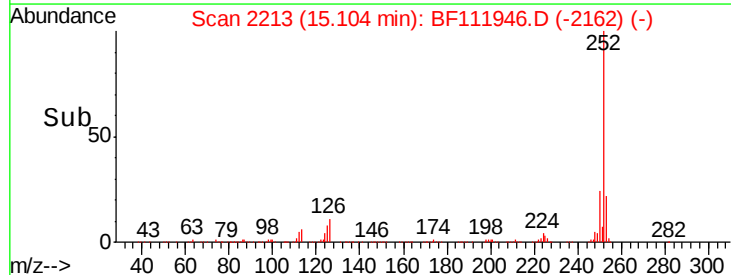
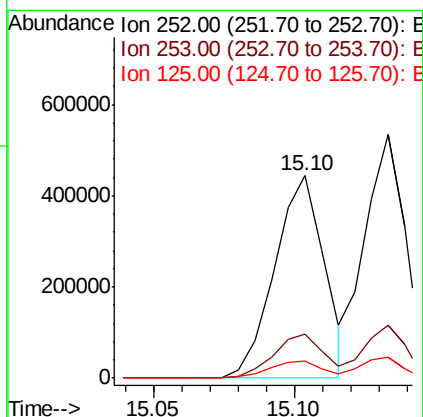
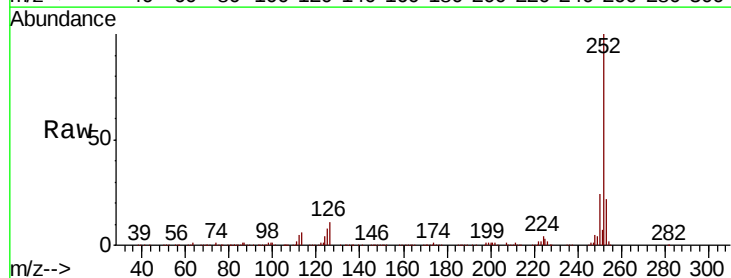
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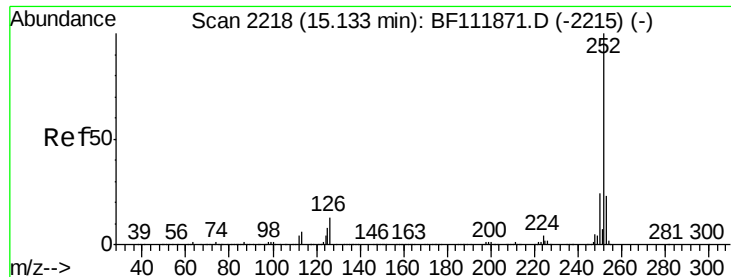
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#88
Benzo(b)fluoranthene
Concen: 38.446 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	8.2	7.1	10.7





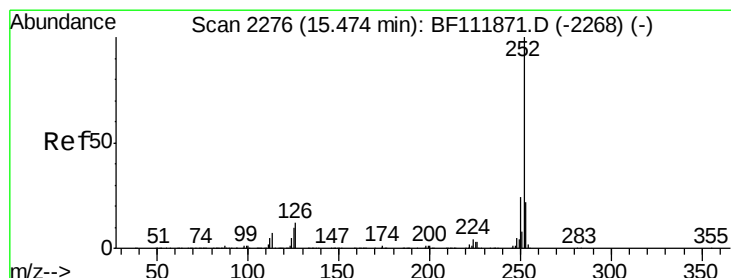
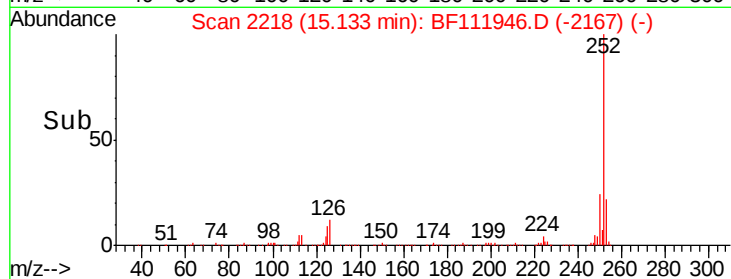
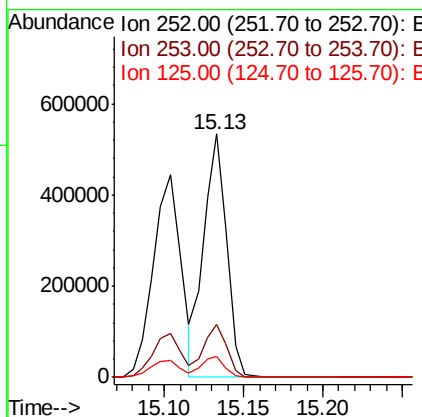
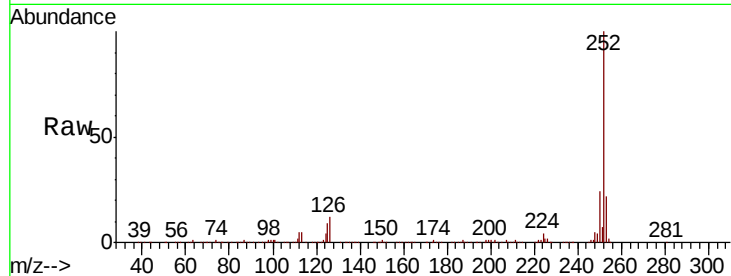
#89
Benzo(k)fluoranthene
Concen: 40.809 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.7	7.0	10.4

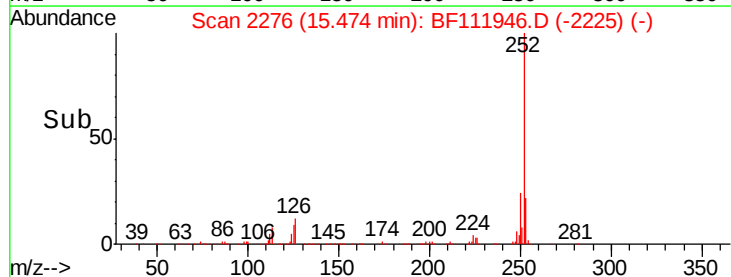
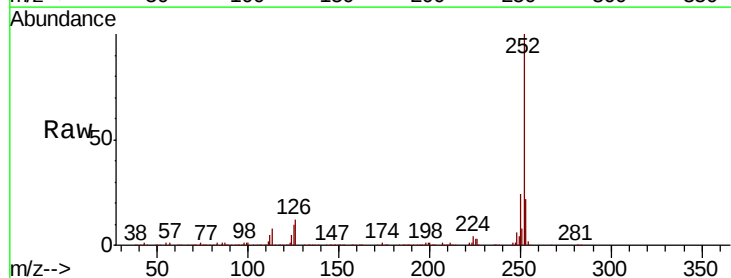
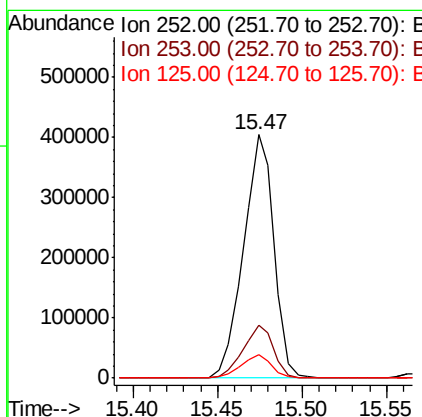
Manual Integrations
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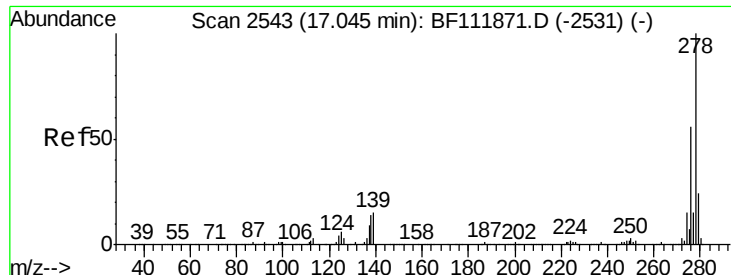
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#90
Benzo(a)pyrene
Concen: 41.002 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.6	7.9	11.9





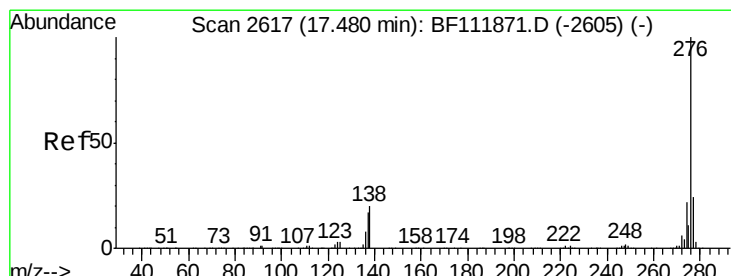
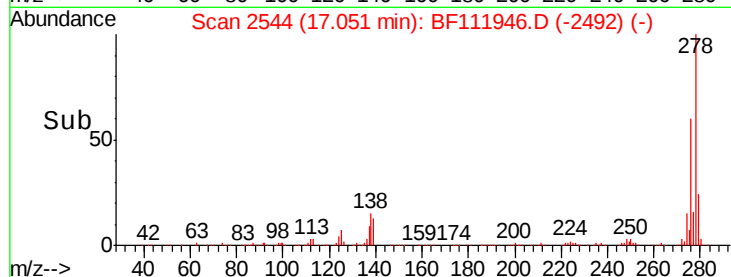
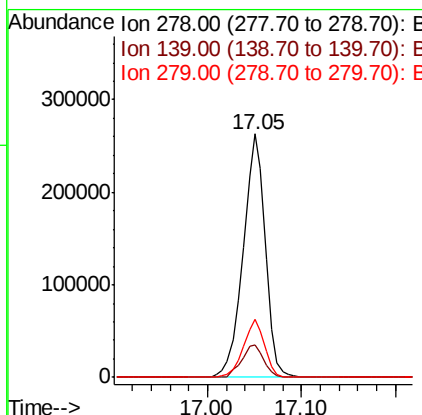
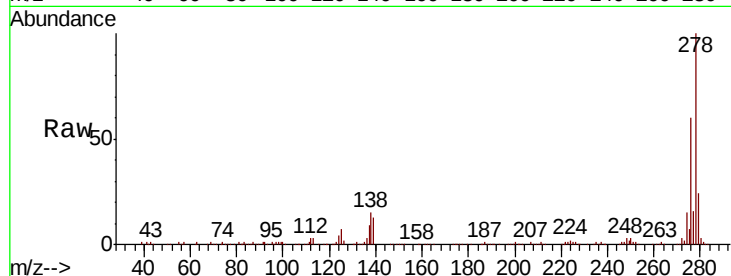
#91
Dibenzo(a,h)anthracene
Concen: 42.789 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.8	17.6
279	23.6	19.4	29.2

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:51 AM



#92
Benzo(g,h,i)perylene
Concen: 39.946 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111946.D
Acq: 9 Jan 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	17.5	16.2	24.2

