

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086538.D
 Acq On : 30 Apr 2016 23:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Quant Time: May 01 05:23:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156386	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	660013	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	318488	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	602099	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	429547	20.00	ng	-0.05
86) Perylene-d12	15.31	264	356205	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	749546	82.67	ng	-0.04
7) Phenol-d6	6.41	99	992045	78.40	ng	-0.03
23) Nitrobenzene-d5	7.34	82	1055021	86.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	273644	81.47	ng	-0.05
44) 2-Fluorobiphenyl	9.14	172	1605854	89.17	ng	-0.03
78) Terphenyl-d14	12.86	244	1568515	80.45	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	193914	40.72	ng	# 76
3) Pyridine	2.97	79	516599	45.83	ng	# 72
4) n-Nitrosodimethylamine	2.92	42	273001	42.49	ng	# 60
6) Aniline	6.43	93	644676	42.10	ng	99
8) 2-Chlorophenol	6.56	128	445656	39.46	ng	95
9) Benzaldehyde	6.32	77	278404	37.82	ng	91
10) Phenol	6.42	94	543092	38.47	ng	# 65
11) bis(2-Chloroethyl)ether	6.51	93	521580	42.74	ng	93
12) 1,3-Dichlorobenzene	6.70	146	456196m	37.56	ng	
13) 1,4-Dichlorobenzene	6.78	146	490261	39.12	ng	95
14) 1,2-Dichlorobenzene	6.94	146	428382	37.27	ng	95
15) Benzyl Alcohol	6.92	79	337732	42.19	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	979343	40.09	ng	91
17) 2-Methylphenol	7.04	107	382843	41.94	ng	94
18) Hexachloroethane	7.28	117	175069	37.38	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	359970	43.04	ng	# 80
20) 3+4-Methylphenols	7.18	107	419021	40.21	ng	# 76
22) Acetophenone	7.18	105	584522	40.39	ng	# 89
24) Nitrobenzene	7.36	77	534941	42.47	ng	99
25) Isophorone	7.60	82	923179	39.17	ng	99
26) 2-Nitrophenol	7.68	139	254731	43.92	ng	97
27) 2,4-Dimethylphenol	7.72	122	428614	42.12	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	550884	42.91	ng	99
29) 2,4-Dichlorophenol	7.92	162	370220	43.12	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	381010	38.25	ng	96
31) Naphthalene	8.08	128	1229077	36.60	ng	98
32) Benzoic acid	7.85	122	219209	37.85	ng	86
33) 4-Chloroaniline	8.13	127	556856	44.28	ng	98
34) Hexachlorobutadiene	8.20	225	214481	38.41	ng	99
35) Caprolactam	8.51	113	117520	41.03	ng	# 59
36) 4-Chloro-3-methylphenol	8.61	107	402347	40.93	ng	90
37) 2-Methylnaphthalene	8.77	142	801303	40.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	348304	38.21	ng	98
40) Hexachlorocyclopentadiene	8.92	237	166699	36.80	ng	95

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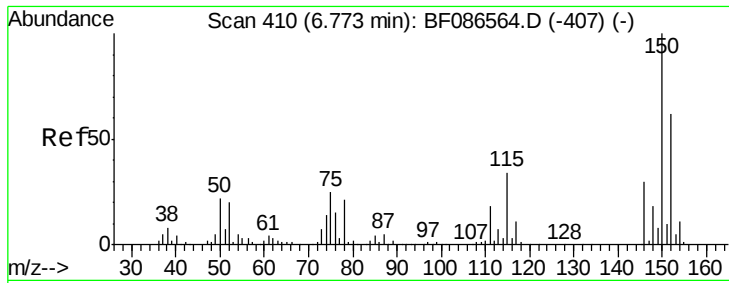
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	240999	41.82	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	256392	40.82	nq	95
45) 1,1'-Biphenyl	9.23	154	978537	36.76	nq	96
46) 2-Chloronaphthalene	9.25	162	764562	37.77	nq	94
47) 2-Nitroaniline	9.36	65	311539	48.00	nq	89
48) Acenaphthylene	9.66	152	1214731	38.39	nq	99
49) Dimethylphthalate	9.54	163	939587	39.19	nq	100
50) 2,6-Dinitrotoluene	9.60	165	197995	39.97	nq	# 80
51) Acenaphthene	9.84	154	812206	39.97	nq	99
52) 3-Nitroaniline	9.77	138	261558	46.43	nq	93
53) 2,4-Dinitrophenol	9.87	184	96770	40.06	nq	# 85
54) Dibenzofuran	10.01	168	987385	38.88	nq	94
55) 4-Nitrophenol	9.93	139	151994	41.21	nq	# 62
56) 2,4-Dinitrotoluene	10.00	165	259488	41.09	nq	# 87
57) Fluorene	10.35	166	766891	34.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	208393	42.44	nq	97
59) Diethylphthalate	10.24	149	932221	41.07	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	399973	39.95	nq	88
61) 4-Nitroaniline	10.38	138	249790	45.36	nq	88
62) Azobenzene	10.51	77	1057676	42.54	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	148485	42.01	nq	# 65
65) n-Nitrosodiphenylamine	10.46	169	723171	38.43	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	253219	40.81	nq	# 77
67) Hexachlorobenzene	10.90	284	269513	37.53	nq	# 79
68) Atrazine	11.00	200	265252	46.94	nq	96
69) Pentachlorophenol	11.09	266	147665	39.00	nq	99
70) Phenanthrene	11.31	178	1178950	37.31	nq	99
71) Anthracene	11.37	178	1385346	41.08	nq	100
72) Carbazole	11.52	167	1158825	38.77	nq	99
73) Di-n-butylphthalate	11.86	149	1425185	42.09	nq	99
74) Fluoranthene	12.49	202	1284457	40.27	nq	99
76) Benzidine	12.62	184	615256	41.68	nq	98
77) Pyrene	12.72	202	1230335	39.75	nq	99
79) Butylbenzylphthalate	13.35	149	540849	40.35	nq	# 77
80) Benzo(a)anthracene	13.91	228	932897	40.73	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	586208	38.29	nq	100
82) Chrysene	13.94	228	927427	37.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	564179	33.91	nq	97
84) Di-n-octyl phthalate	14.51	149	886010	34.00	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.65	276	912126	49.45	nq	97
87) Benzo(b)fluoranthene	14.92	252	904131m	43.15	nq	
88) Benzo(k)fluoranthene	14.95	252	738702m	33.80	nq	
89) Benzo(a)pyrene	15.25	252	782690	39.56	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	757341	46.78	nq	99
91) Benzo(g,h,i)perylene	17.05	276	775484	47.80	nq	95

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



#1

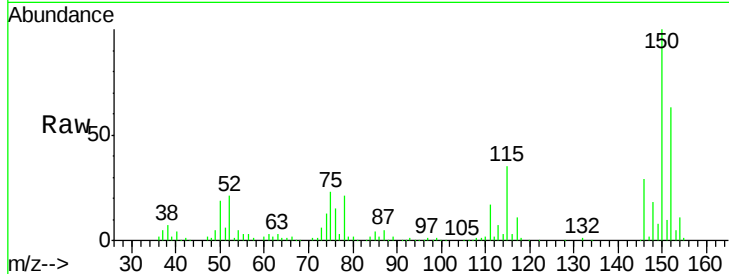
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

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SSTDCCC040

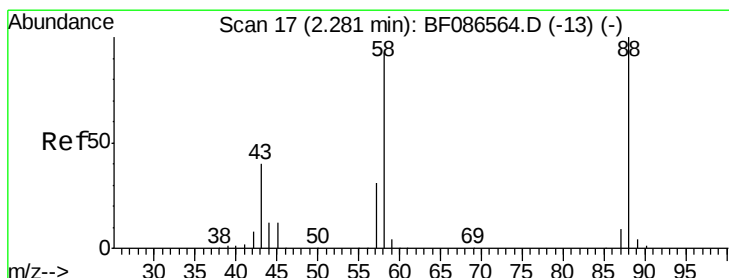
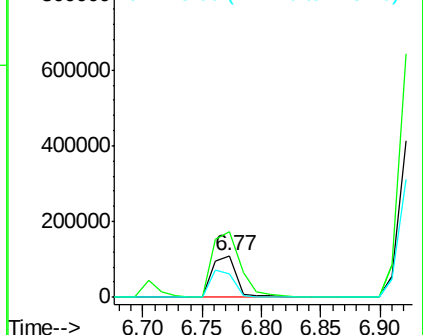
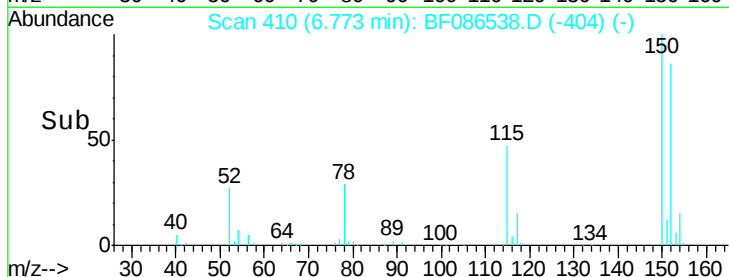
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.8	188.6
115	55.0	51.5	77.3

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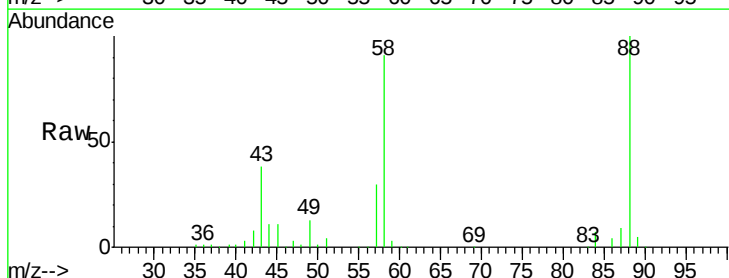
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



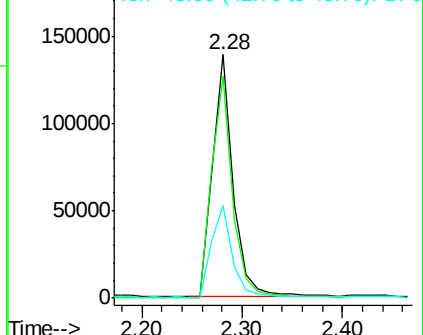
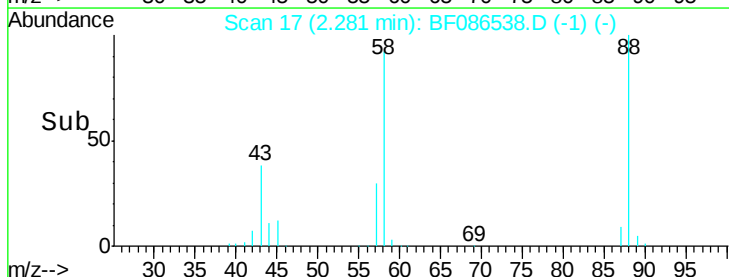
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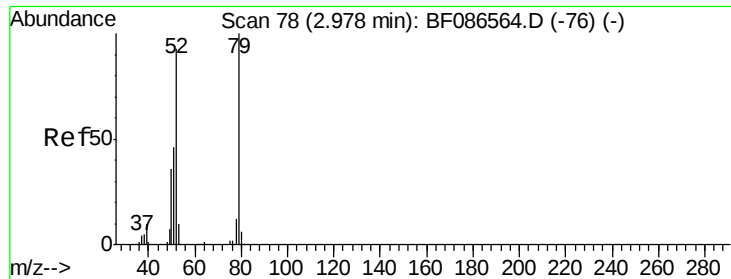
1,4-Dioxane
Concen: 40.72 ng
RT: 2.28 min Scan# 17
Delta R.T. -0.08 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	59.6	89.4#
43	39.2	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.83 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

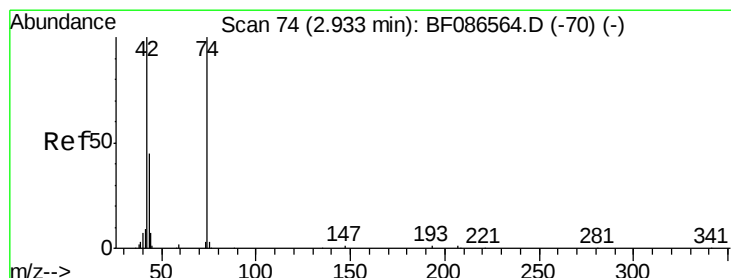
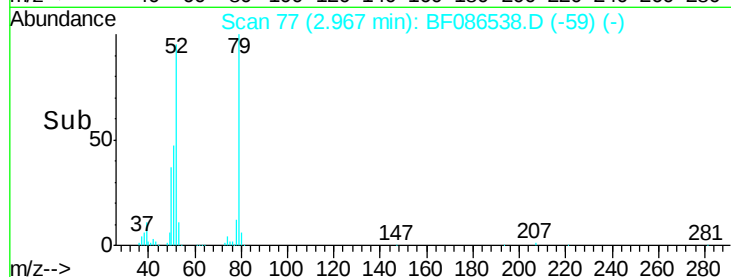
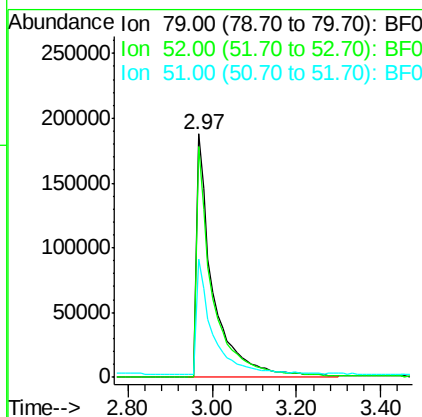
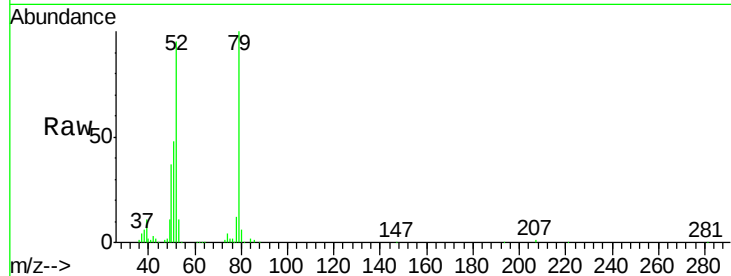
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	516599
Ion Ratio	Lower	Upper	
79	100		
52	95.1	55.9	83.9#
51	48.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 42.49 ng

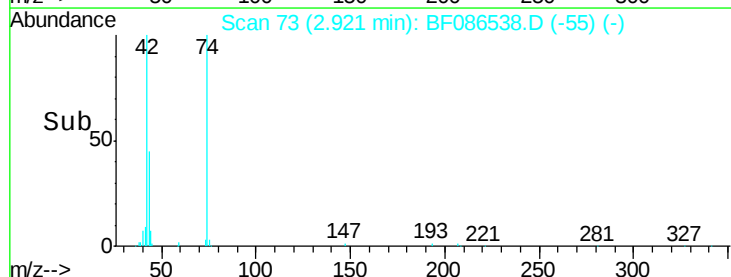
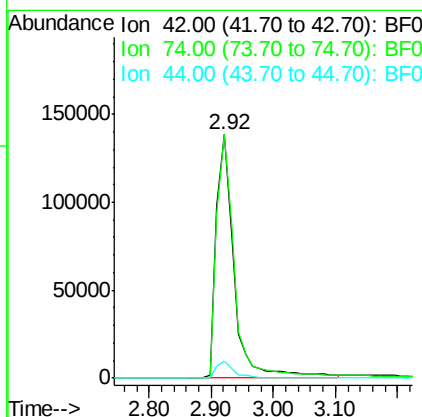
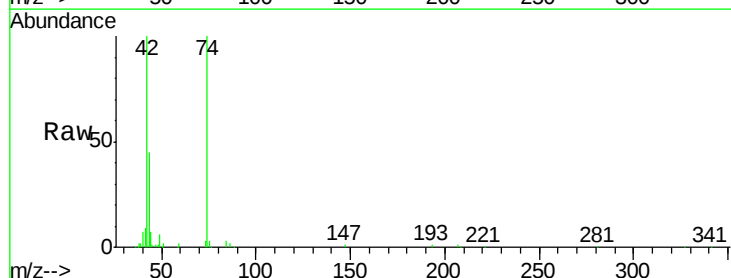
RT: 2.92 min Scan# 73

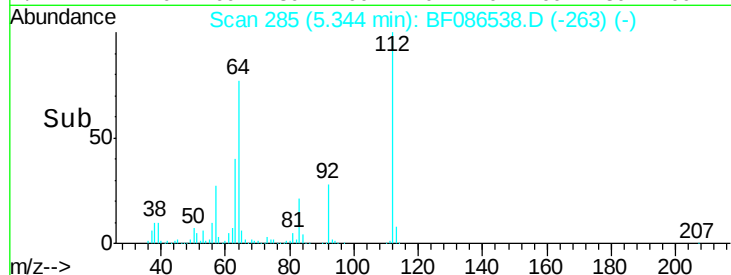
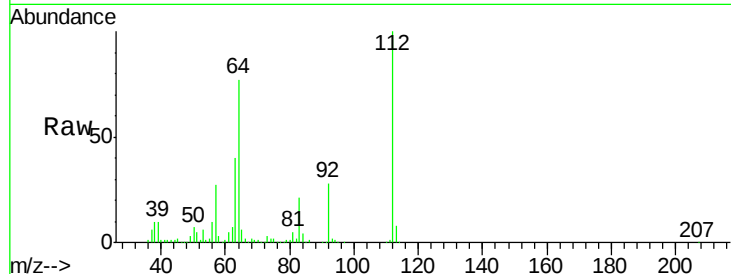
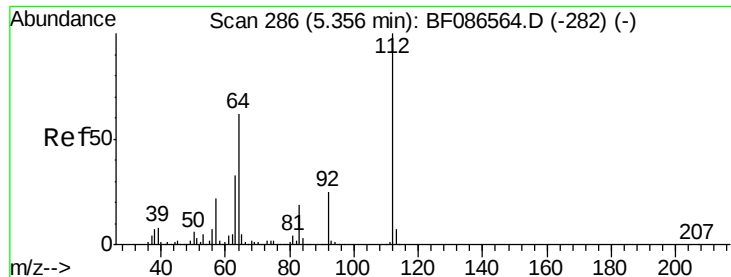
Delta R.T. -0.09 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	42	Resp:	273001
Ion Ratio	Lower	Upper	
42	100		
74	99.9	123.4	185.0#
44	6.8	5.8	8.6





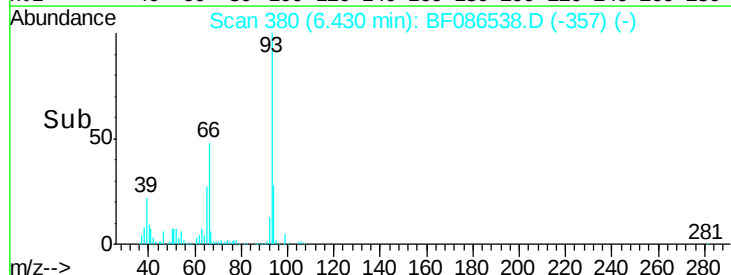
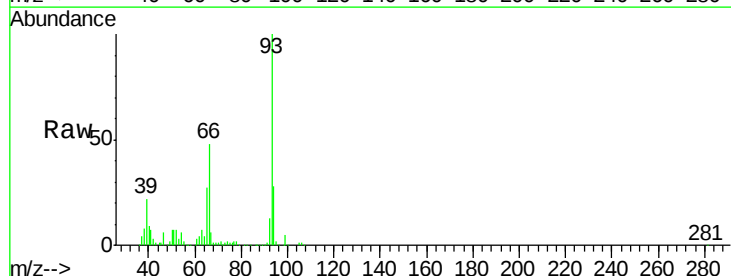
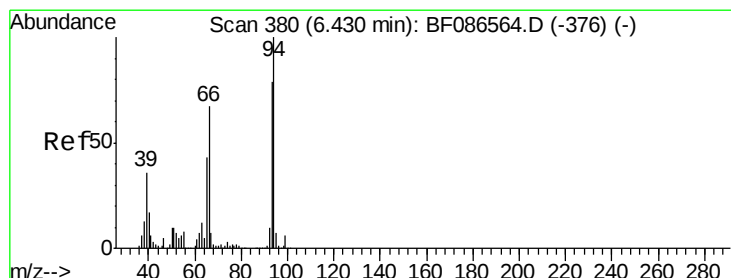
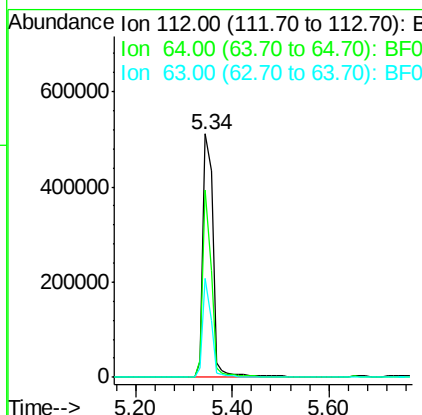
#5
2-Fluorophenol
Concen: 82.67 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tot Ion	Ratio	Resp	Lower	Upper
112	100	749546		
64	76.7	52.1	78.1	
63	40.5	25.7	38.5	

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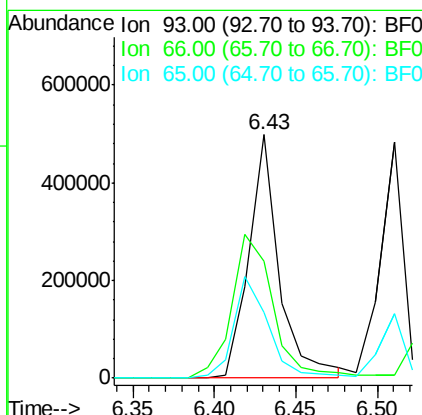
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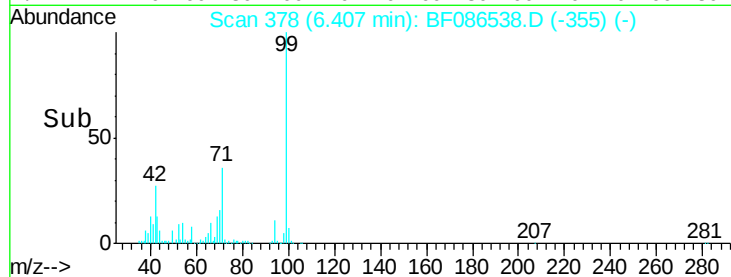
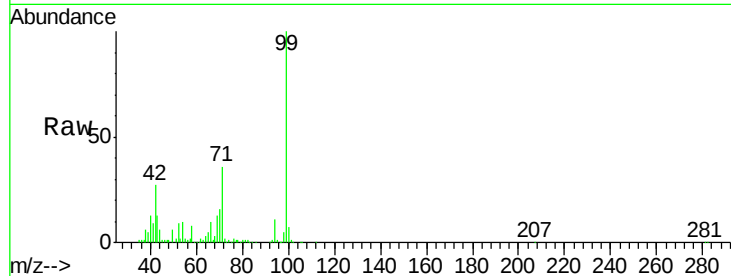
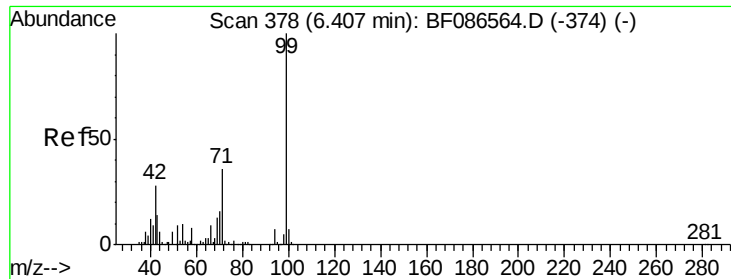
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#6
Aniline
Concen: 42.10 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	644676		
66	48.2	39.0	58.6	
65	26.8	20.6	31.0	





#7

Phenol-d6

Concen: 78.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		992045		
42	27.0	13.6	20.4#		
71	36.0	24.6	36.8		

Instrument :

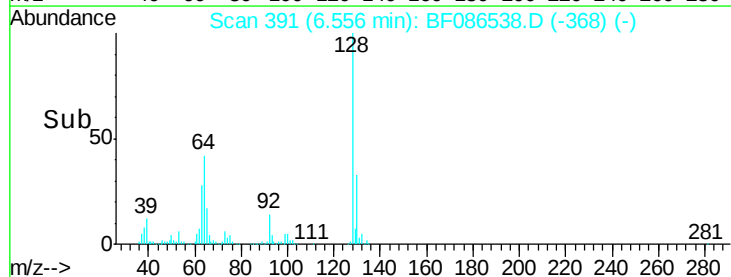
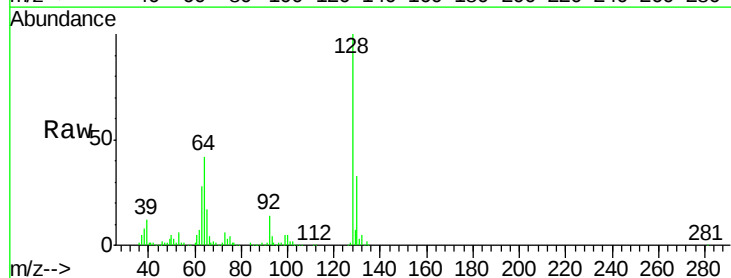
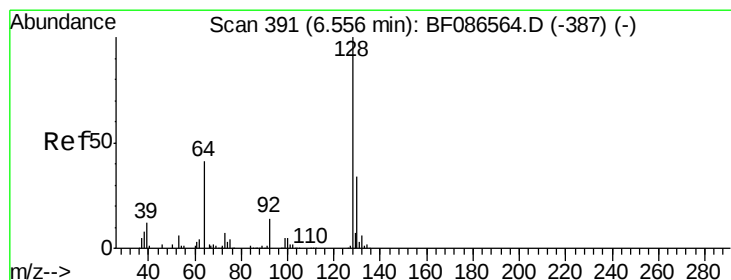
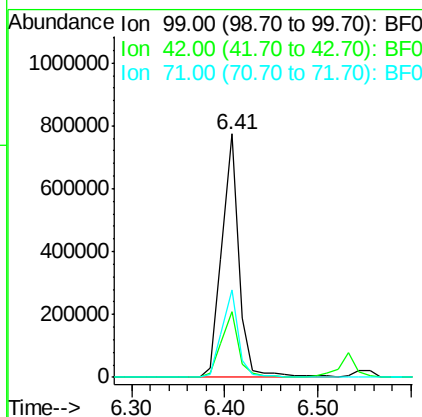
BNA_F

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#8

2-Chlorophenol

Concen: 39.46 ng

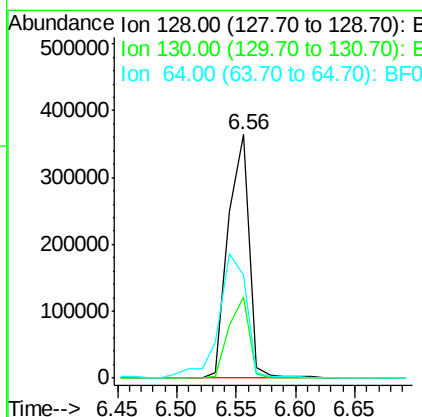
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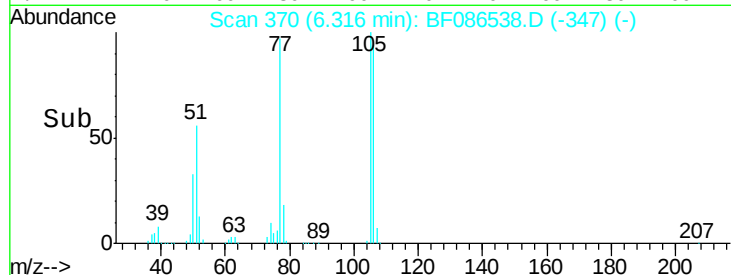
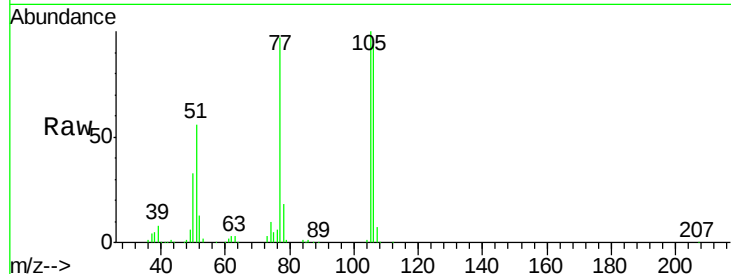
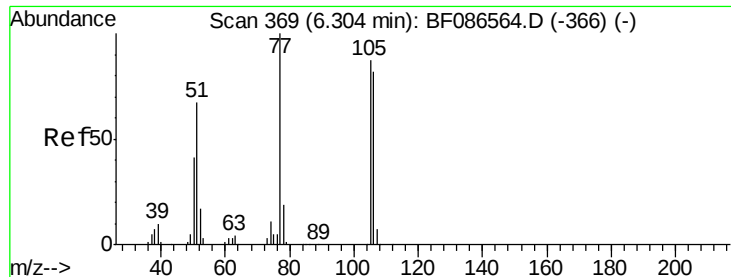
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		445656		
130	33.2	12.5	52.5		
64	42.5	27.3	67.3		





#9

Benzaldehyde

Concen: 37.82 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tot Ion:	77	Resp:	278404
Ion	Ratio	Lower	Upper
77	100		
105	103.5	72.7	112.7
106	97.3	70.8	110.8

Instrument :

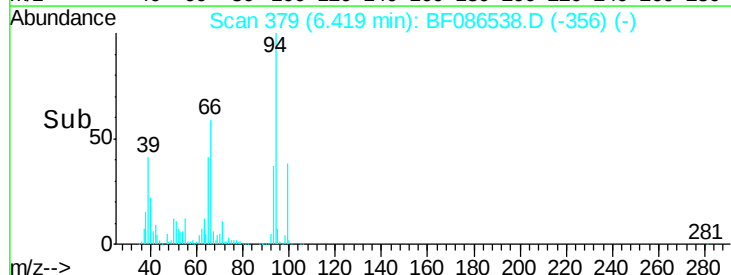
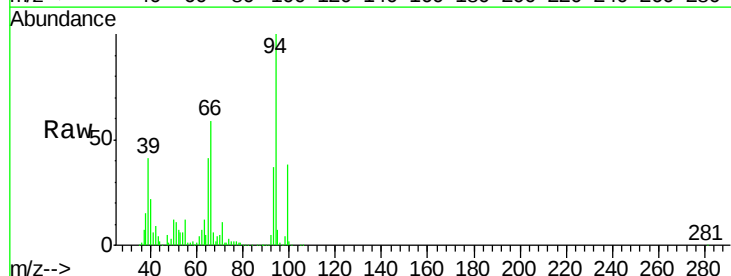
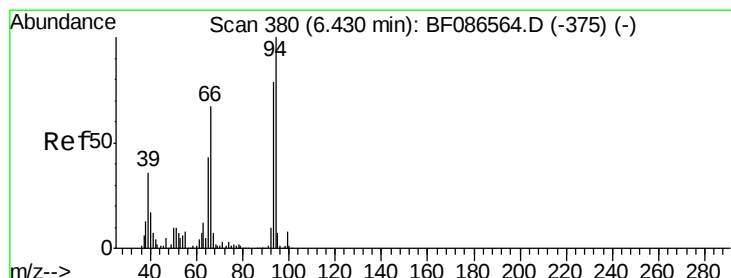
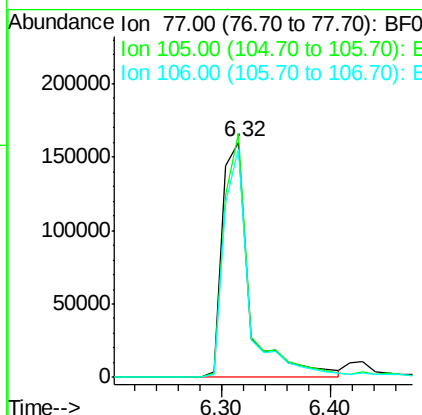
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#10

Phenol

Concen: 38.47 ng

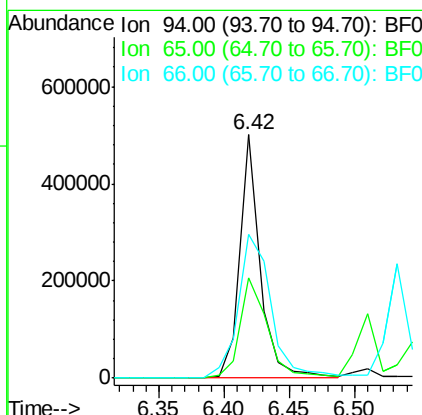
RT: 6.42 min Scan# 379

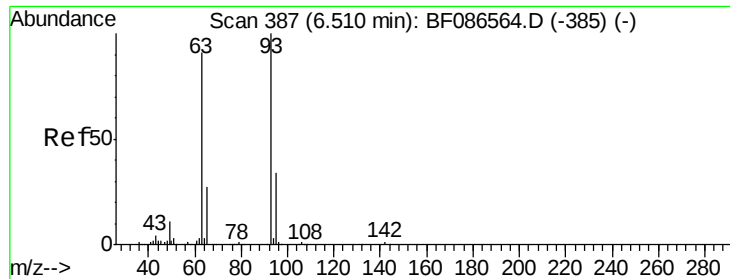
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	94	Resp:	543092
Ion	Ratio	Lower	Upper
94	100		
65	41.4	7.2	47.2
66	58.9	14.9	54.9#





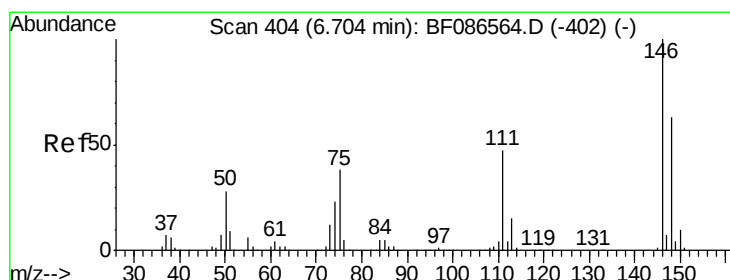
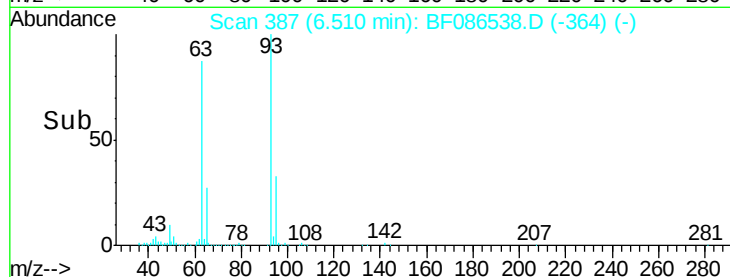
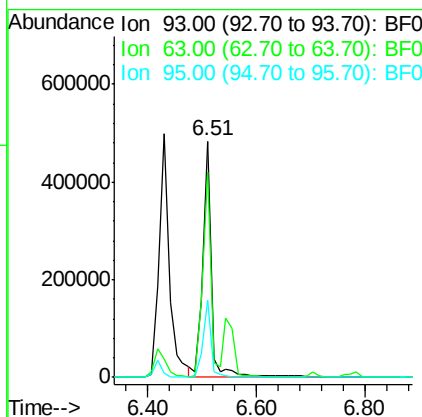
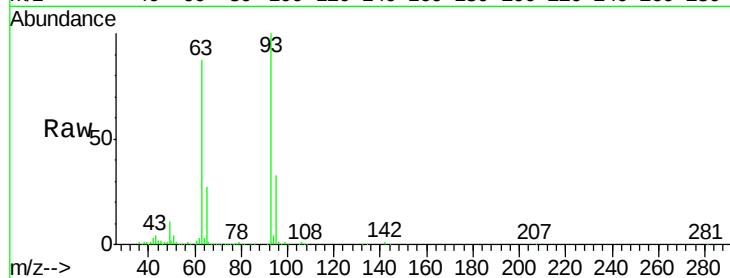
#11
bis(2-Chloroethyl)ether
Concen: 42.74 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	521580
Ion Ratio	Lower	Upper	
93	100		
63	86.7	58.0	98.0
95	32.7	11.9	51.9

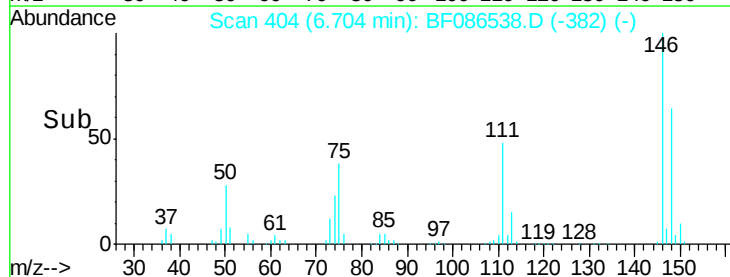
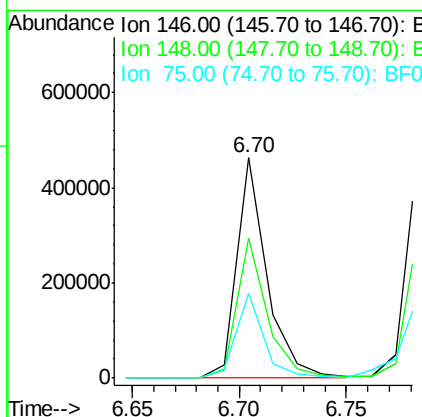
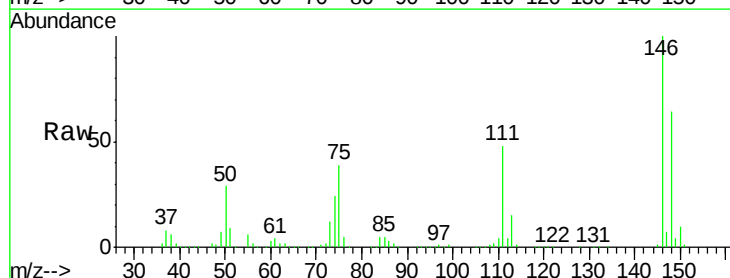
Manual Integrations
APPROVED

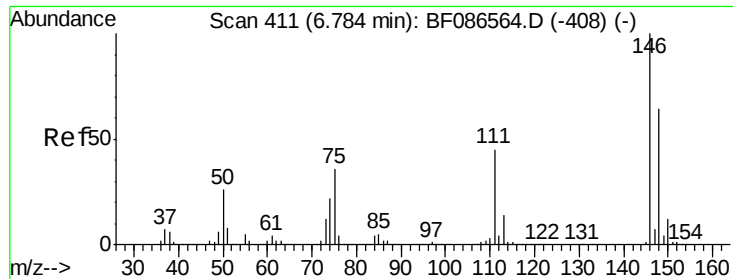
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#12
1,3-Dichlorobenzene
Concen: 37.56 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:	146	Resp:	456196
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
75	38.6	22.8	34.2#





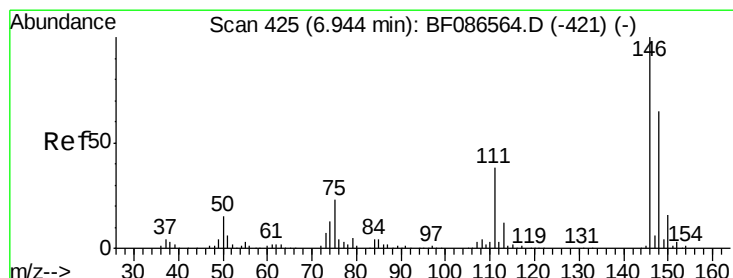
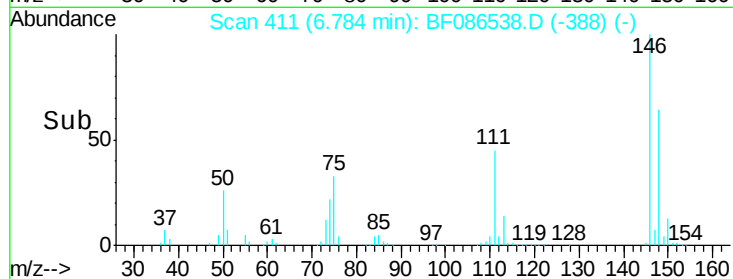
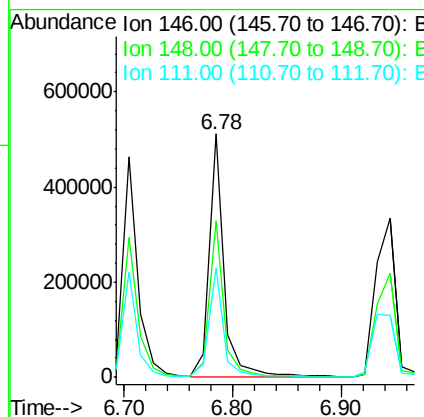
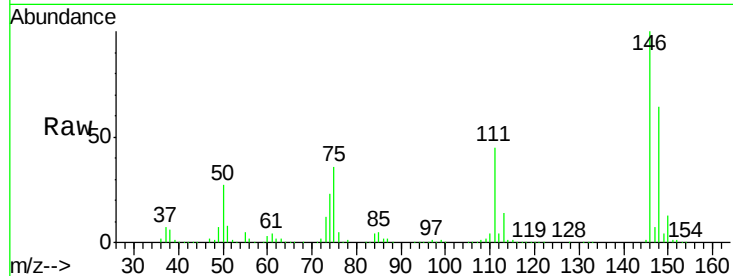
#13
 1,4-Dichlorobenzene
 Concen: 39.12 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	44.7	30.7	46.1

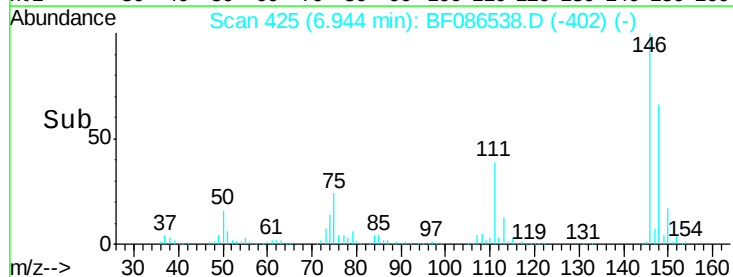
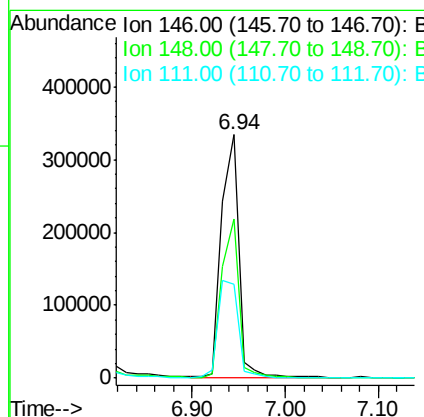
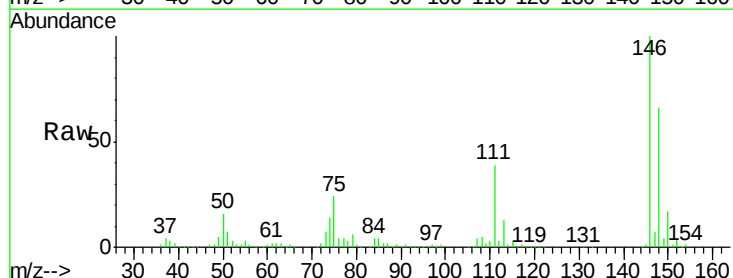
Manual Integrations
 APPROVED

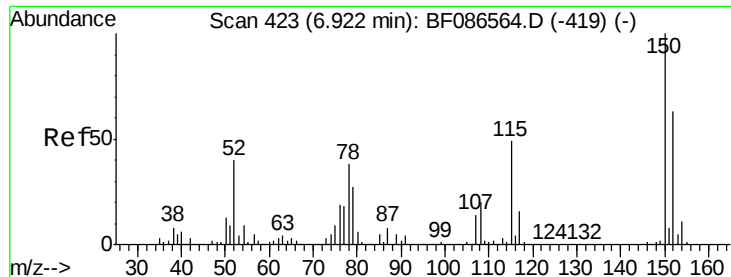
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#14
 1,2-Dichlorobenzene
 Concen: 37.27 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	38.6	36.2	54.4





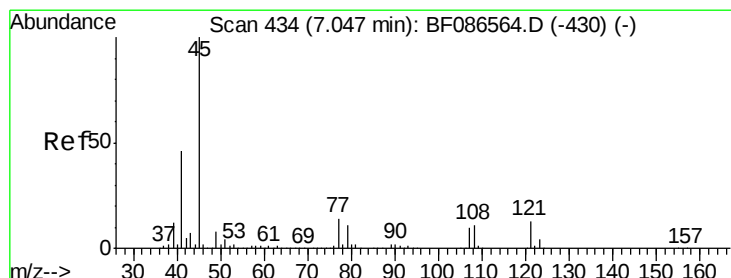
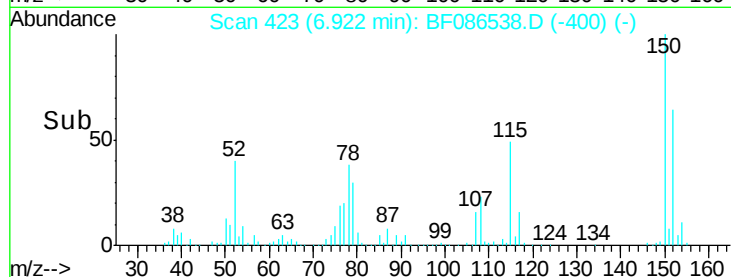
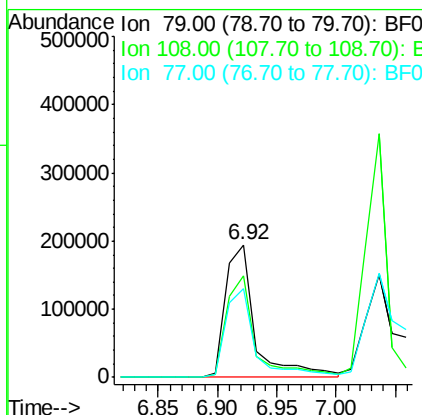
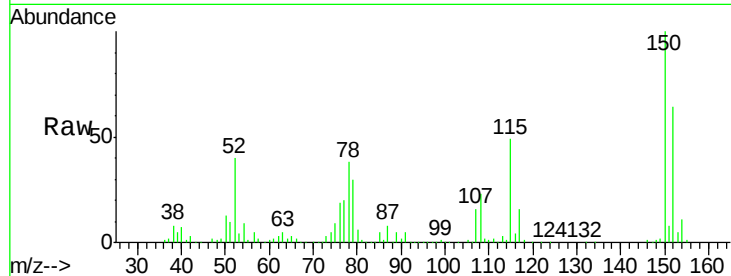
#15
Benzyl Alcohol
Concen: 42.19 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	68.4	102.6
77	67.2	50.6	76.0

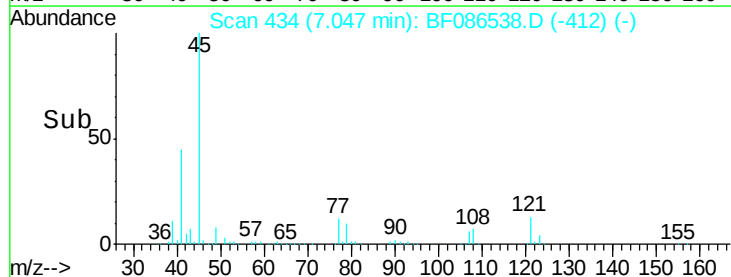
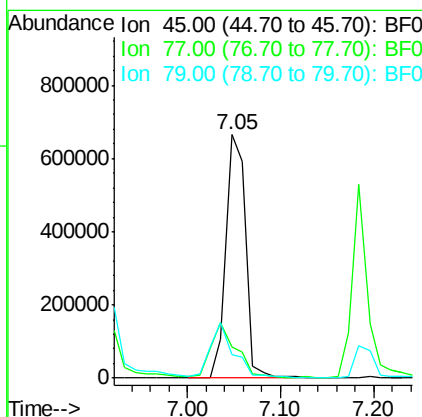
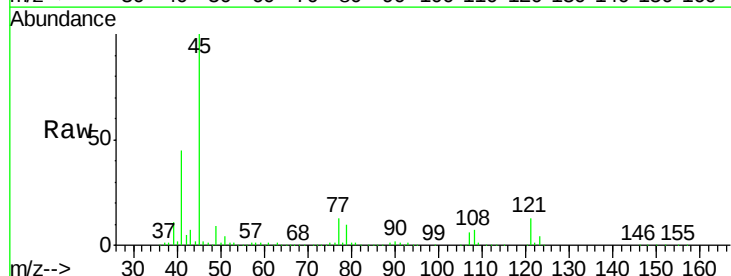
Manual Integrations
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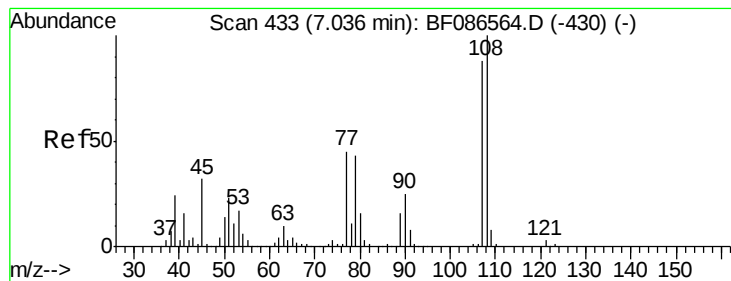
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.09 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	36.4
79	9.8	0.0	33.4





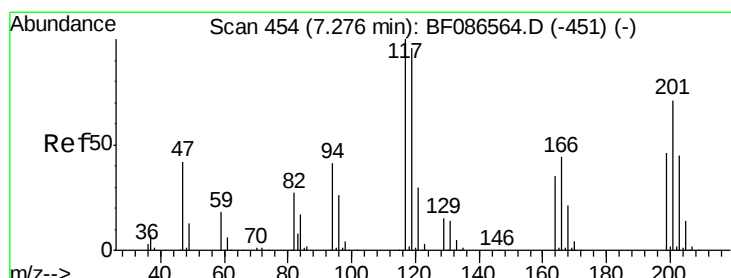
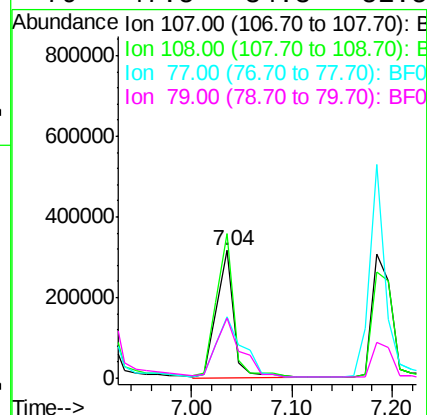
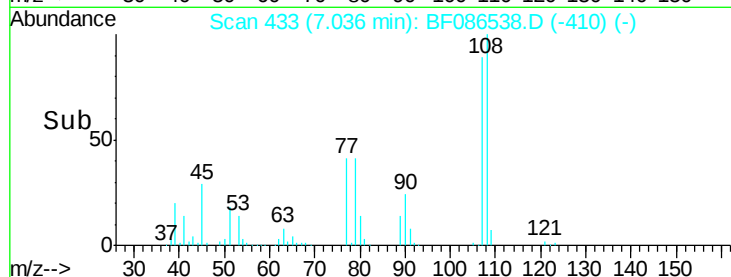
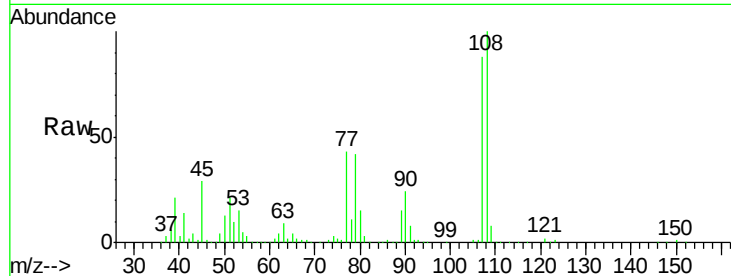
#17
2-Methylphenol
Concen: 41.94 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	382843
Ion Ratio	Lower	Upper	
107	100		
108	113.1	93.7	140.5
77	48.2	33.4	50.0
79	47.5	34.3	51.5

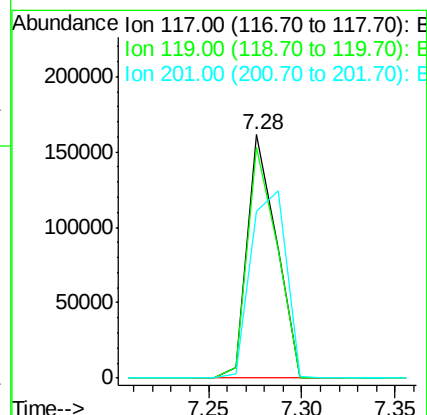
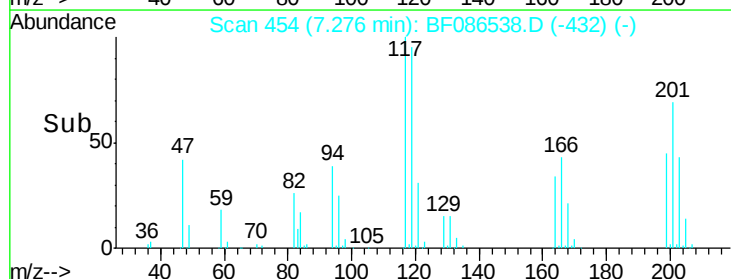
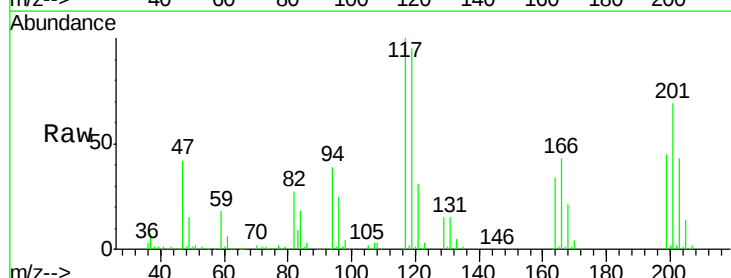
Manual Integrations
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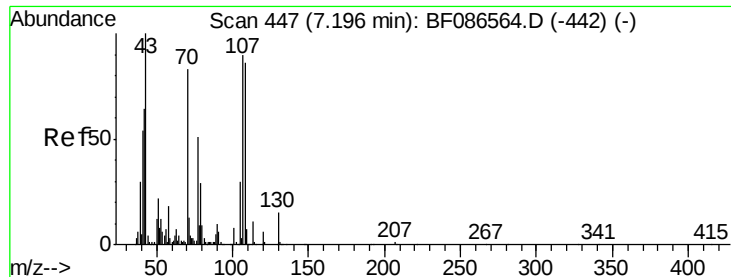
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#18
Hexachloroethane
Concen: 37.38 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:	117	Resp:	175069
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.5	114.7
201	68.7	63.0	94.6





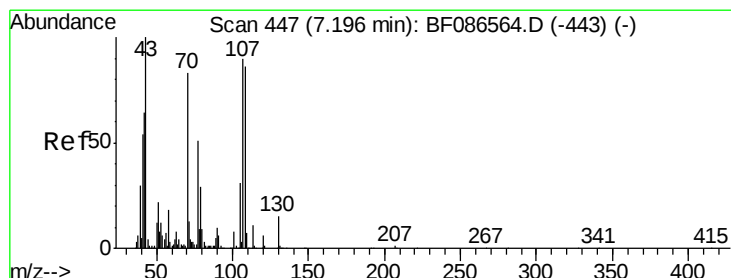
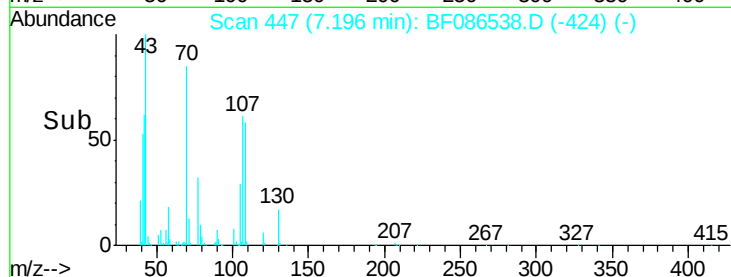
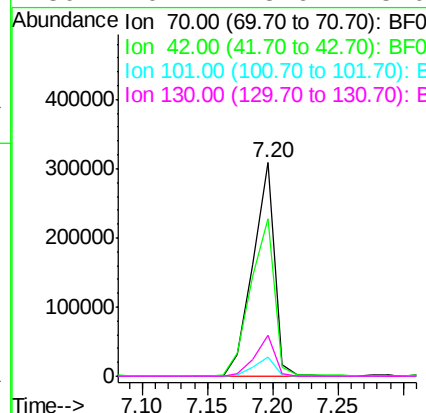
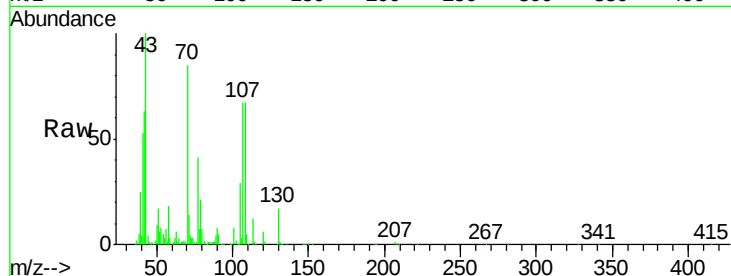
#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	74.0	43.1	64.7#		
101	9.1	8.1	12.1		
130	19.4	18.6	28.0		

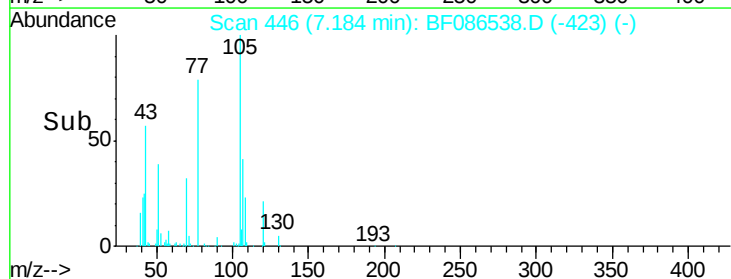
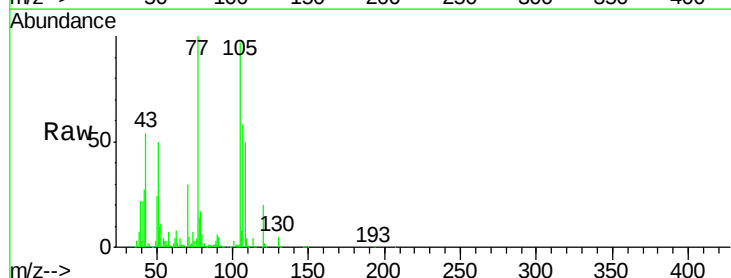
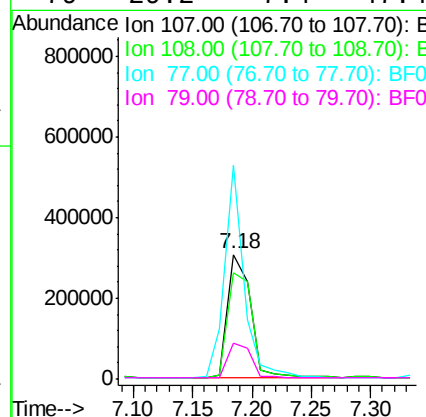
Manual Integrations
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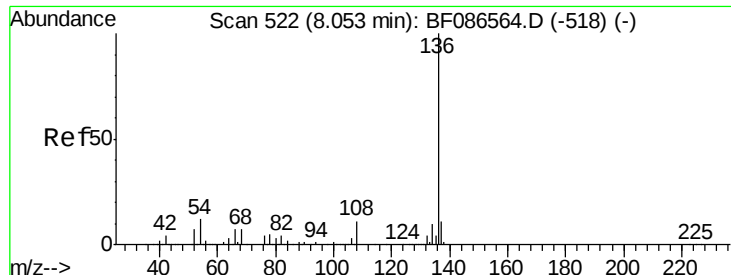
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#20
3+4-Methylphenols
Concen: 40.21 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.4	68.5	108.5		
77	171.3	101.6	141.6#		
79	29.2	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

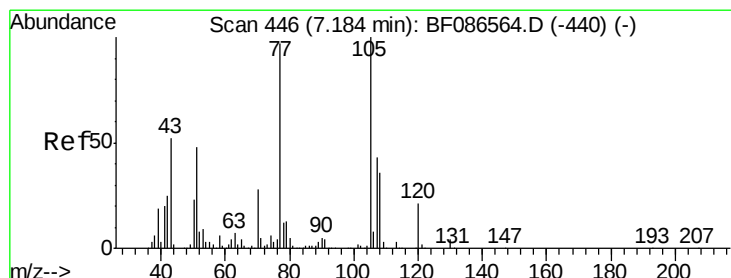
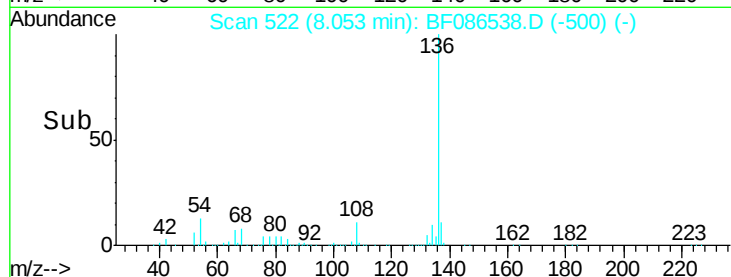
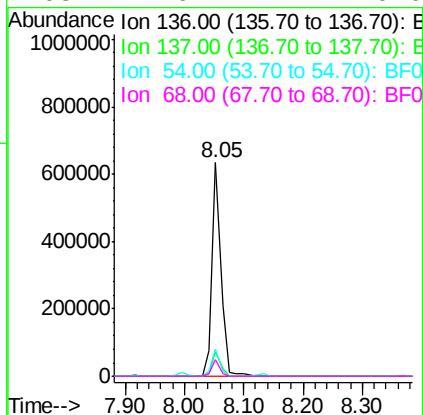
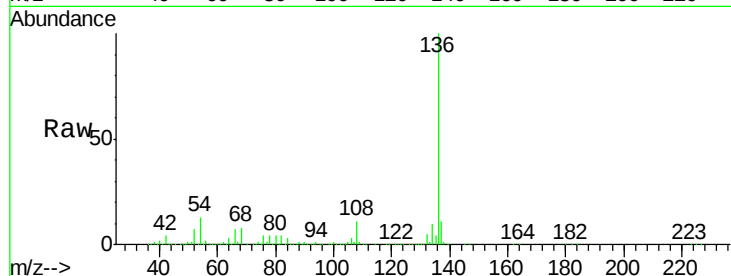
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	660013		
137	11.3	8.8	13.2	
54	12.7	5.0	7.4#	
68	7.6	4.4	6.6#	

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#22

Acetophenone

Concen: 40.39 ng

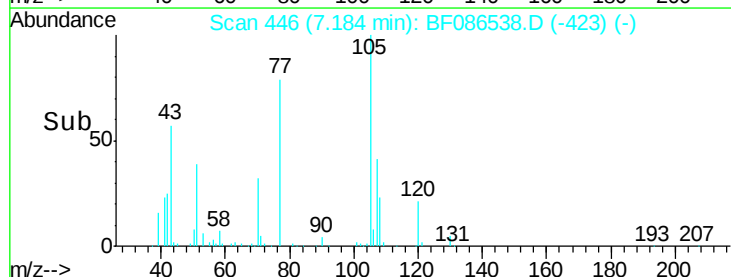
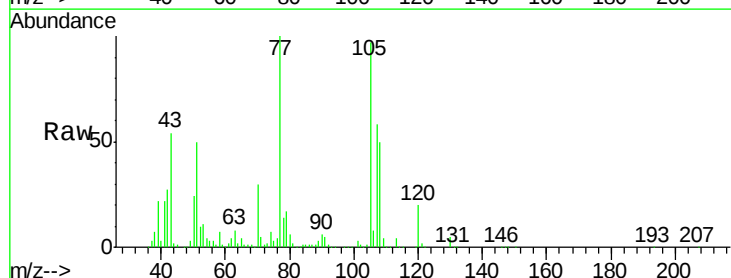
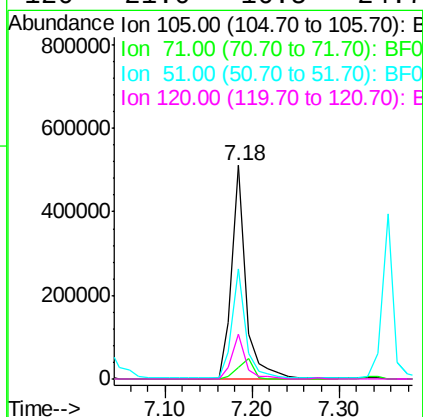
RT: 7.18 min Scan# 446

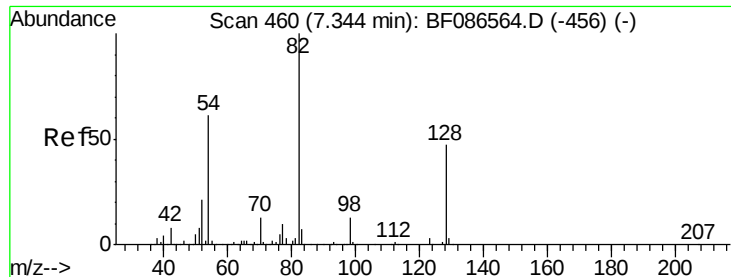
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	584522		
71	5.1	4.8	7.2	
51	51.4	32.6	49.0#	
120	21.0	16.5	24.7	





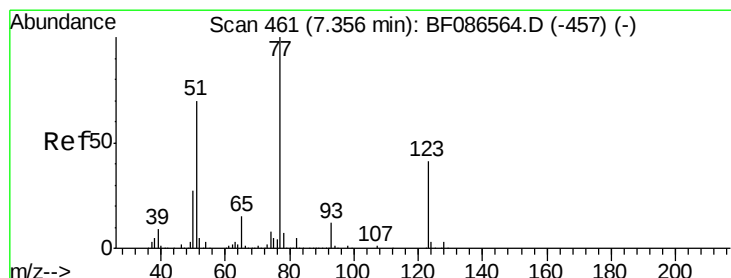
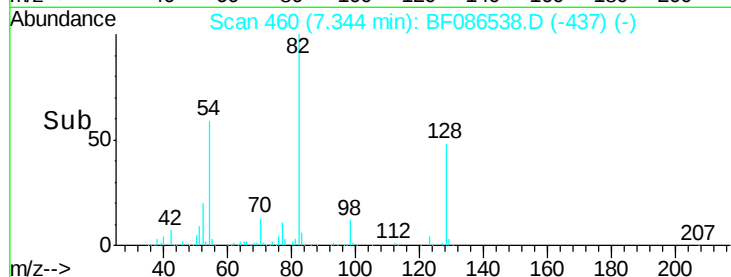
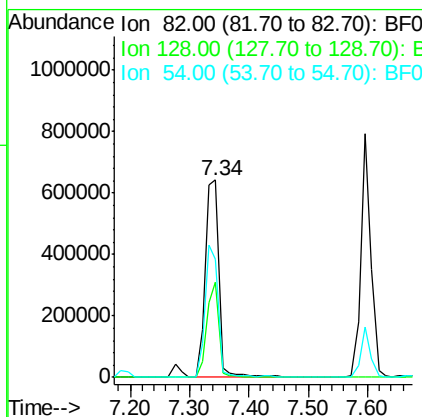
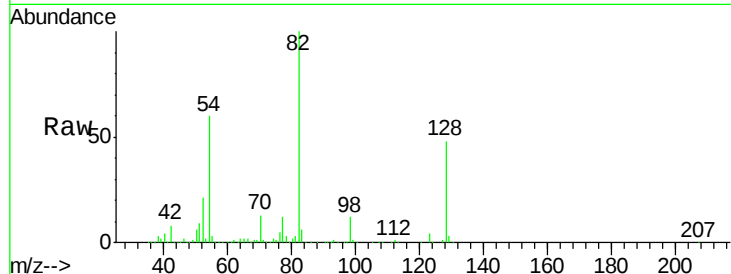
#23
 Nitrobenzene-d5
 Concen: 86.16 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.6	61.0
54	59.6	38.1	57.1

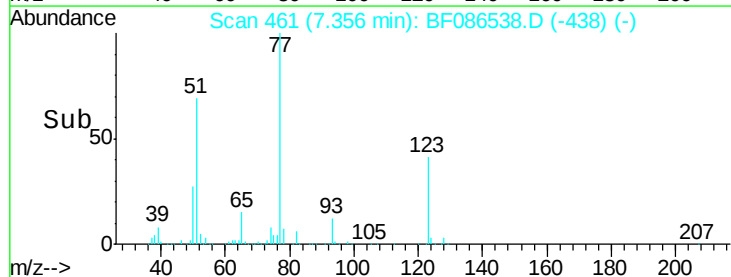
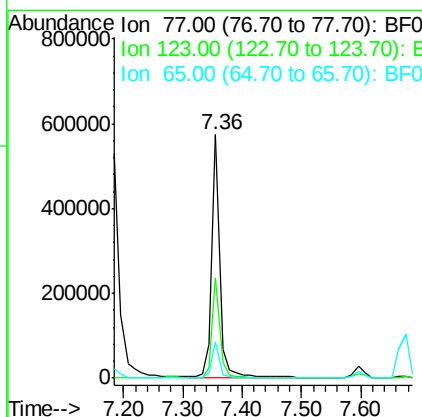
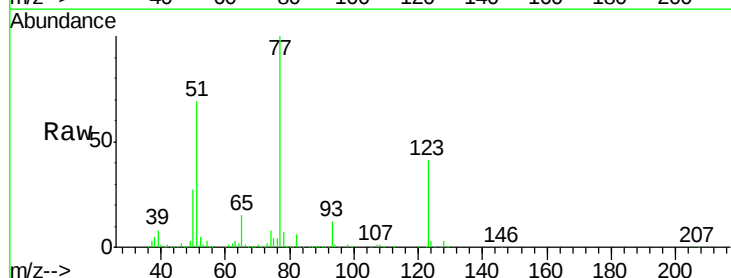
Manual Integrations
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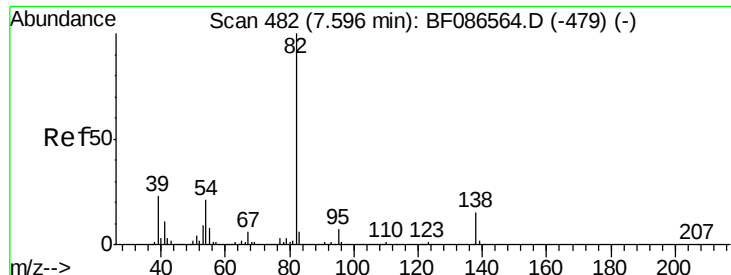
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#24
 Nitrobenzene
 Concen: 42.47 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	33.0	49.4
65	14.9	10.8	16.2





#25

Isophorone

Concen: 39.17 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

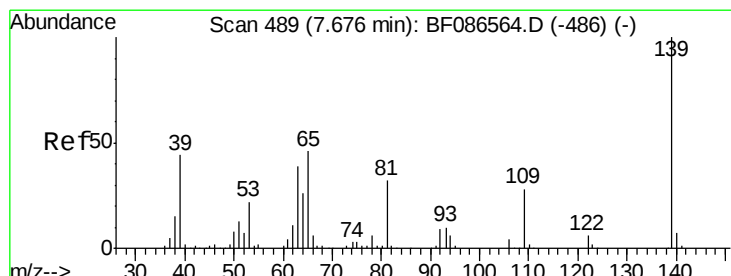
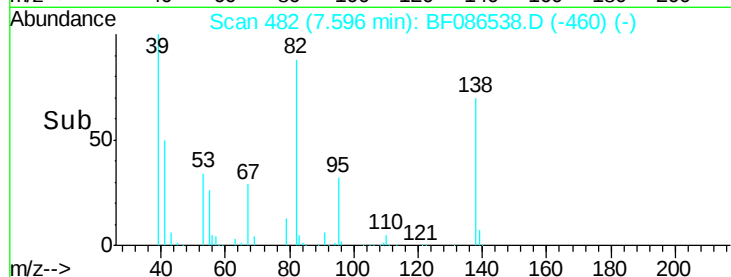
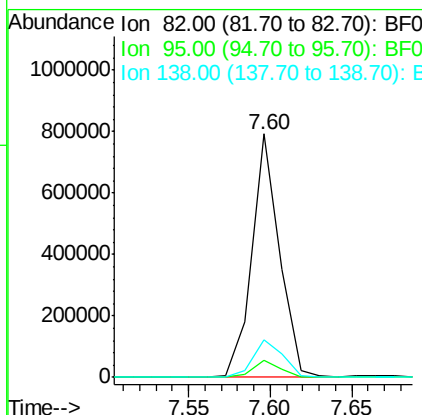
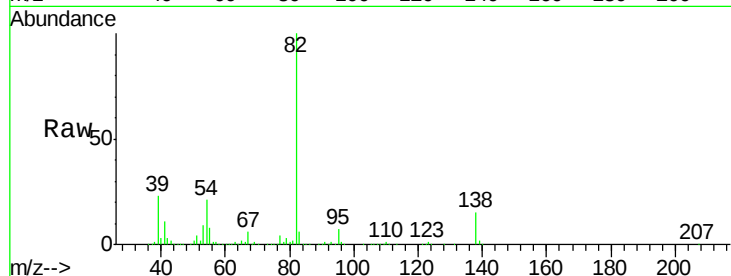
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	923179
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	15.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.92 ng

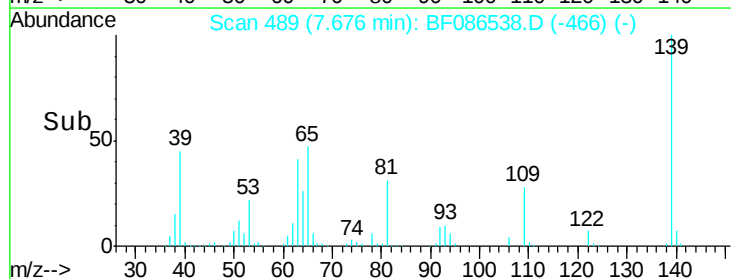
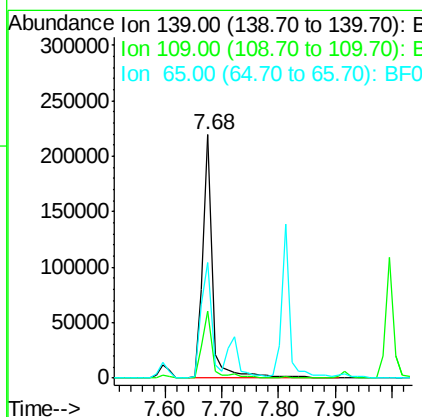
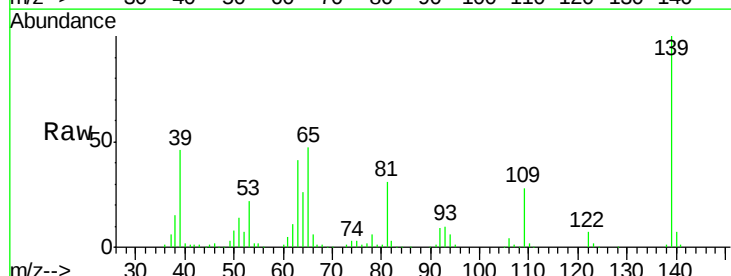
RT: 7.68 min Scan# 489

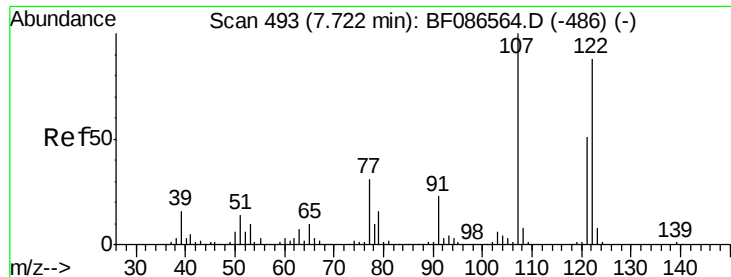
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	139	Resp:	254731
Ion Ratio	Lower	Upper	
139	100		
109	27.6	19.5	29.3
65	47.3	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 42.12 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

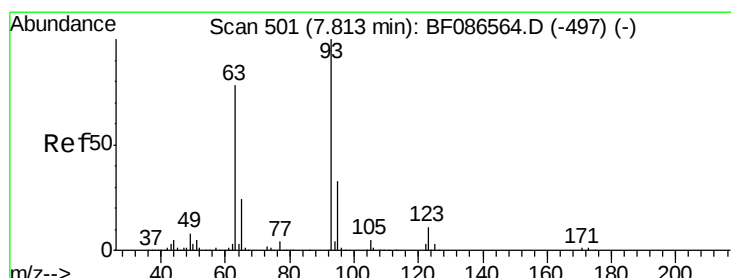
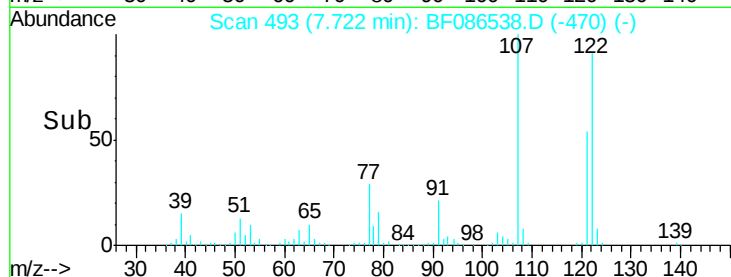
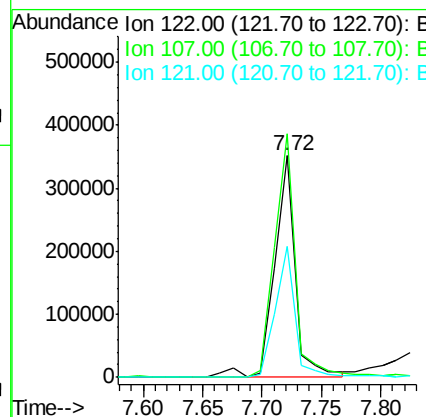
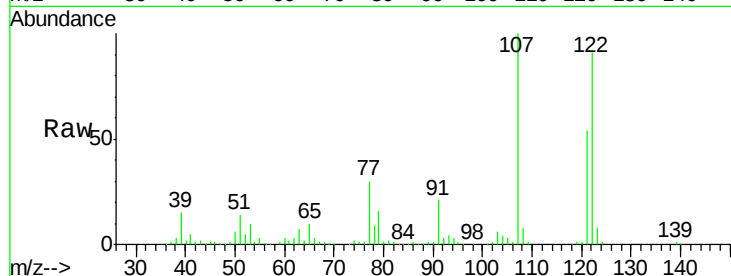
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	428614
Ion Ratio	Lower	Upper	
122	100		
107	110.0	82.0	123.0
121	59.2	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 42.91 ng

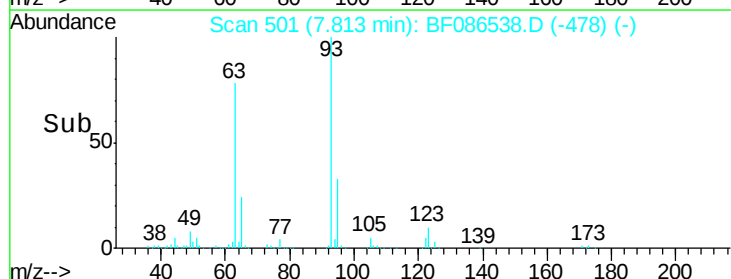
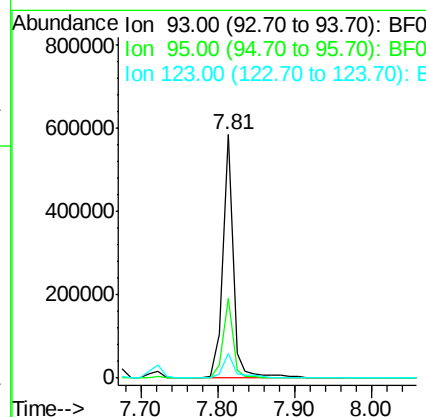
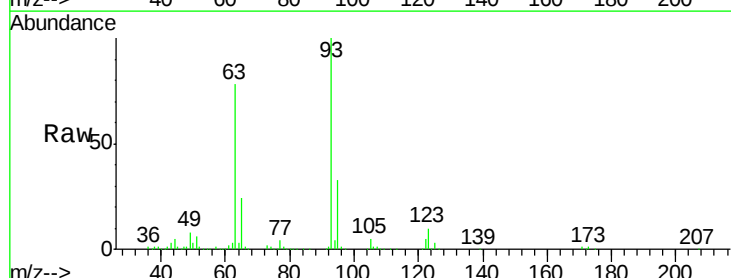
RT: 7.81 min Scan# 501

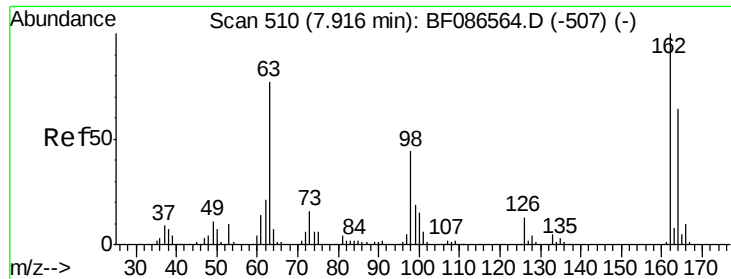
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	93	Resp:	550884
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	10.3	9.5	14.3





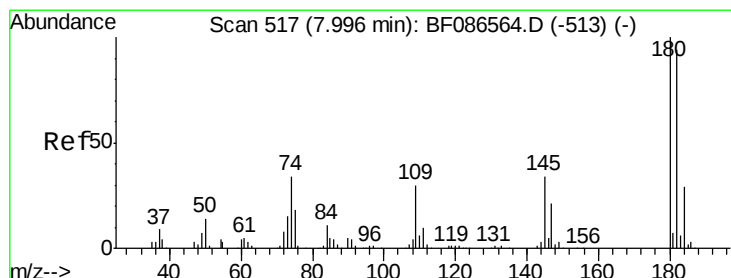
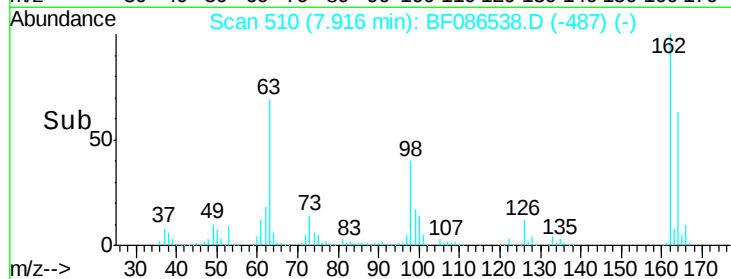
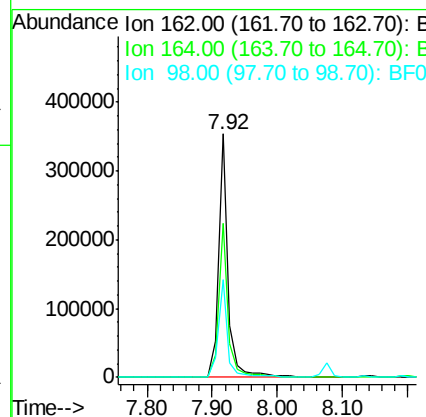
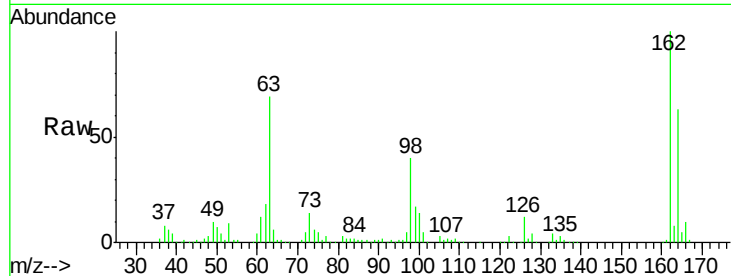
#29
 2,4-Dichlorophenol
 Concen: 43.12 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	370220		
164	63.3	42.2	82.2	
98	40.2	19.0	59.0	

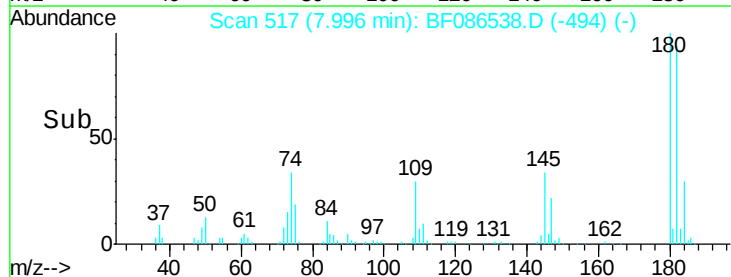
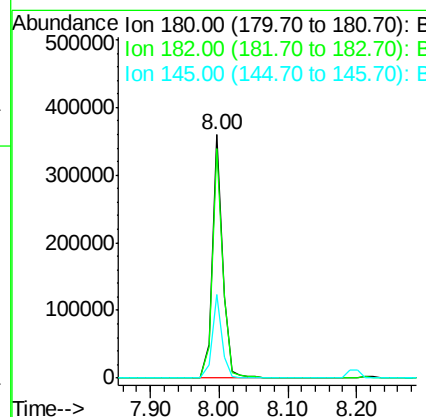
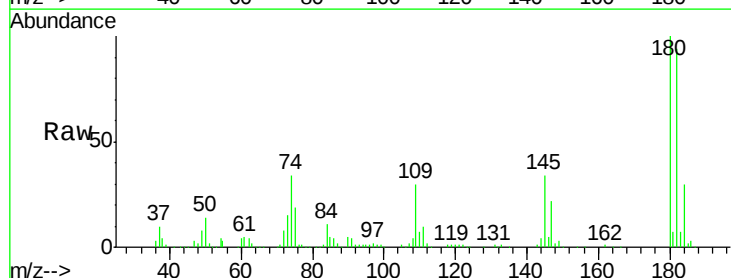
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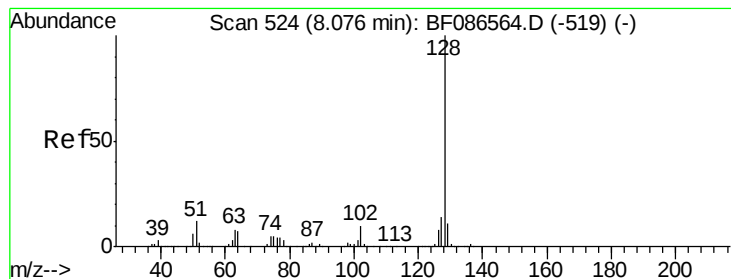
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.25 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	381010		
182	94.5	78.0	117.0	
145	34.2	24.2	36.2	





#31

Naphthalene

Concen: 36.60 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1229077

Ion Ratio Lower Upper

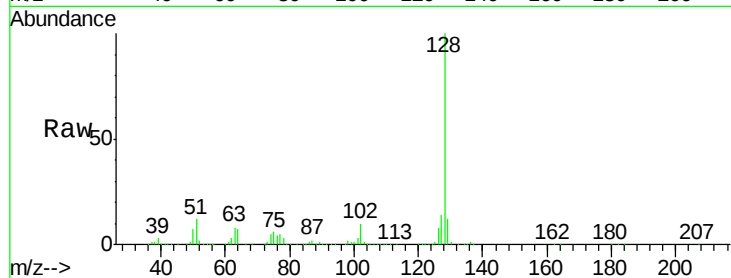
128 100

129 11.7 8.6 13.0

127 13.9 10.8 16.2

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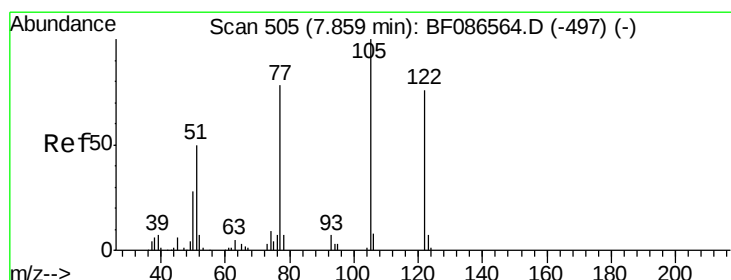
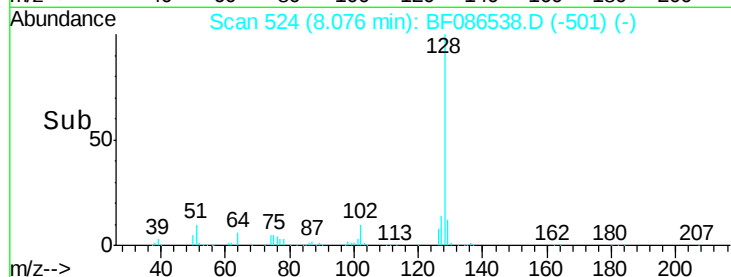
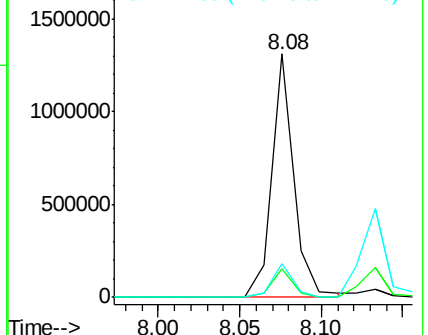
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.85 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.04 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

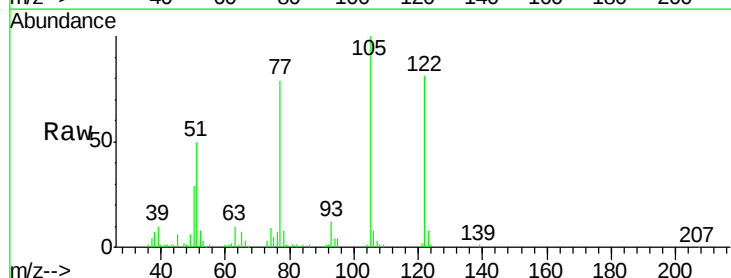
Tgt Ion:122 Resp: 219209

Ion Ratio Lower Upper

122 100

105 123.9 92.6 132.6

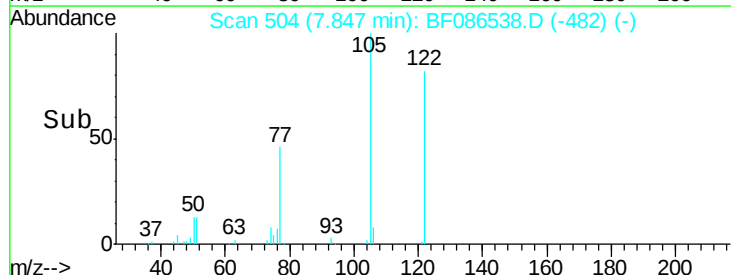
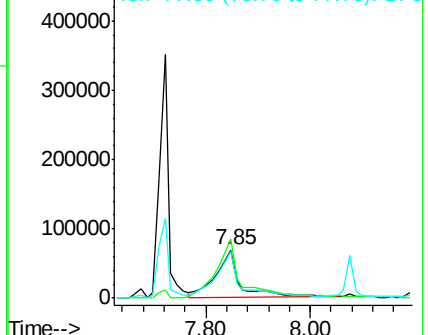
77 97.5 60.0 100.0

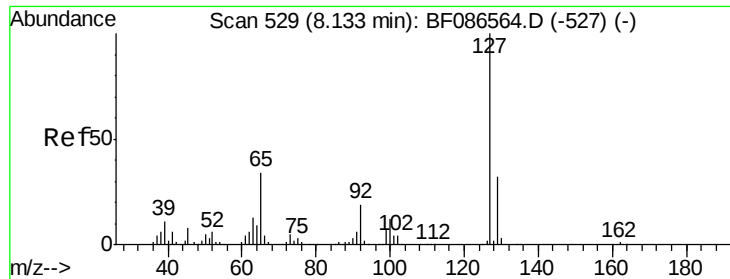


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





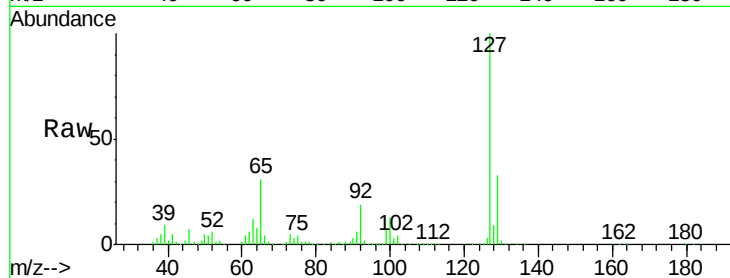
#33
4-Chloroaniline
Concen: 44.28 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

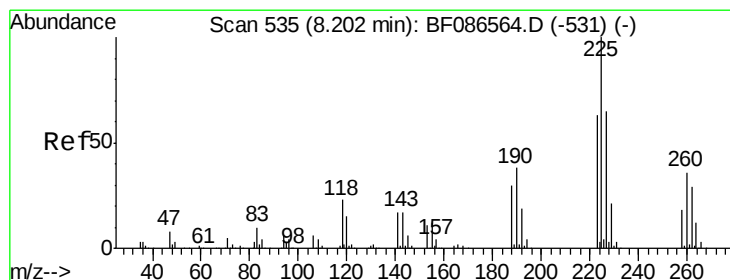
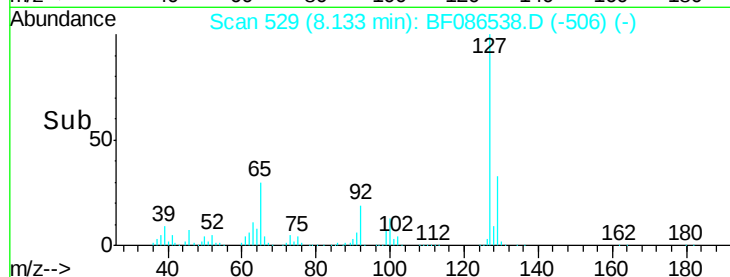
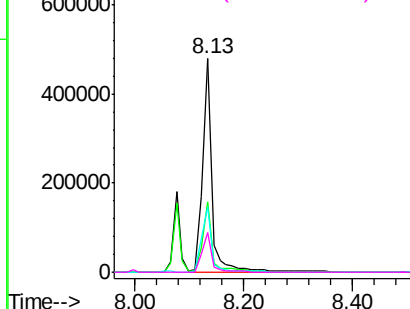
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.4		
65	30.8	23.0	34.4		
92	18.9	15.1	22.7		

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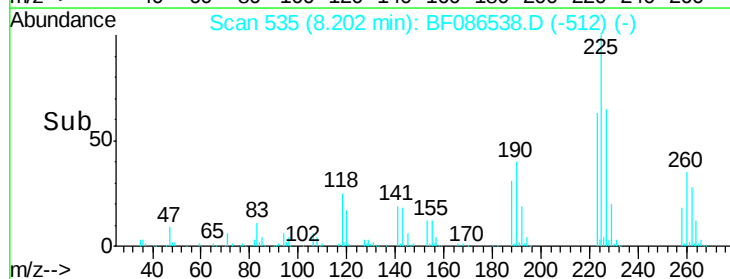
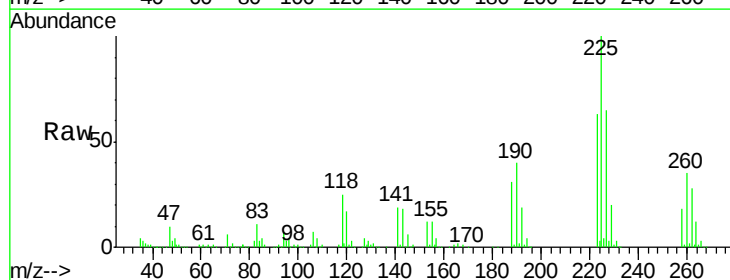
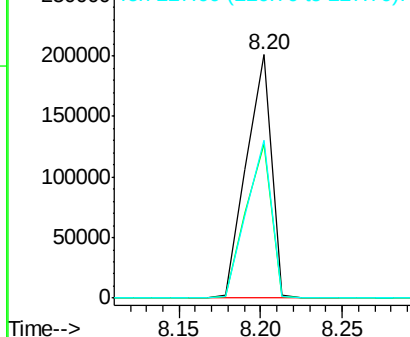
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

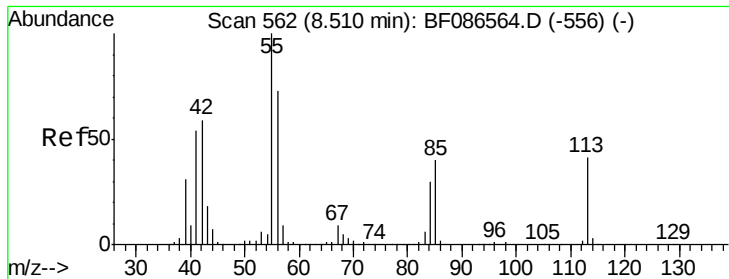


#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.5	77.3		
227	64.8	52.2	78.2		

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





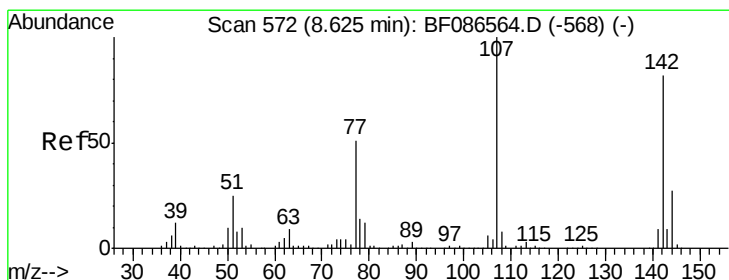
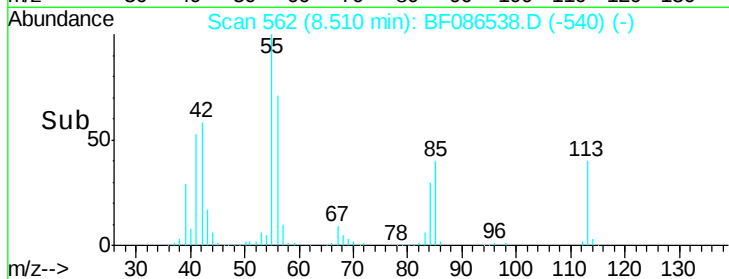
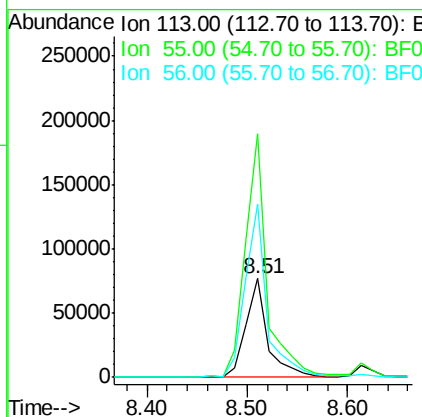
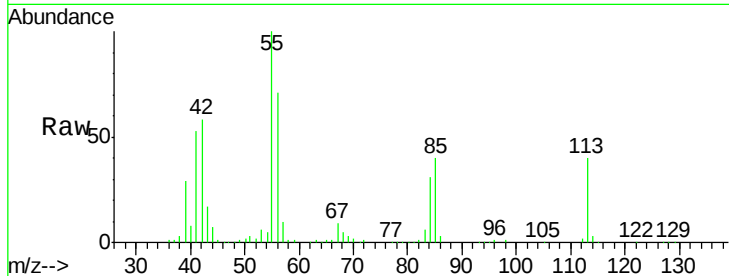
#35
 Caprolactam
 Concen: 41.03 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	247.3	162.0	202.0#	
56	176.1	115.3	155.3#	

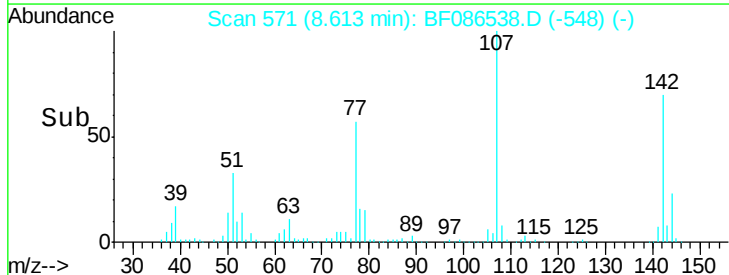
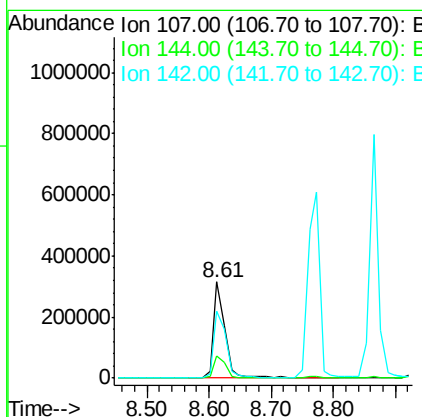
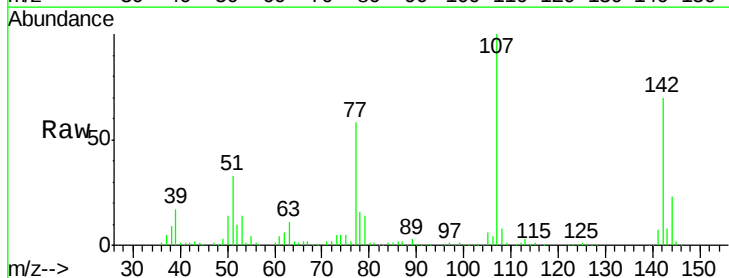
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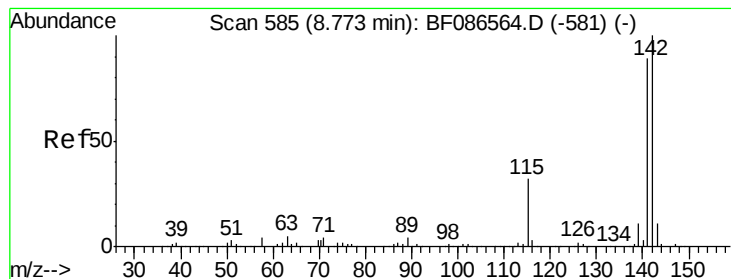
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#36
 4-Chloro-3-methylphenol
 Concen: 40.93 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.7	20.7	31.1	
142	69.7	63.2	94.8	





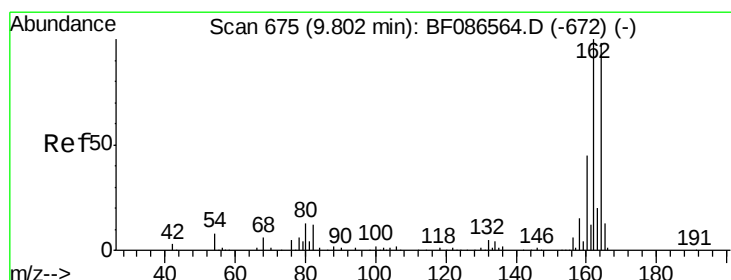
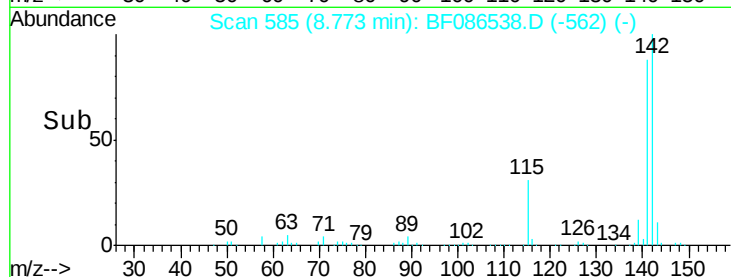
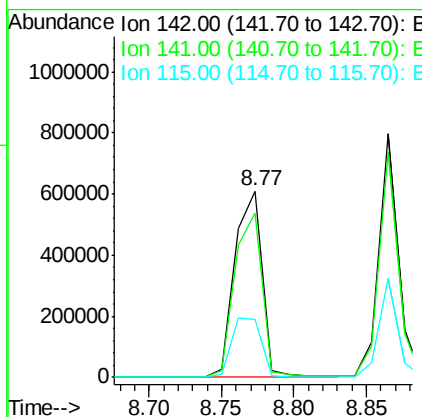
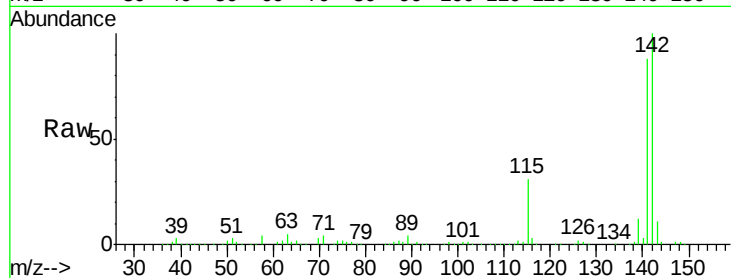
#37
 2-Methylnaphthalene
 Concen: 40.43 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	31.4	26.6	39.8

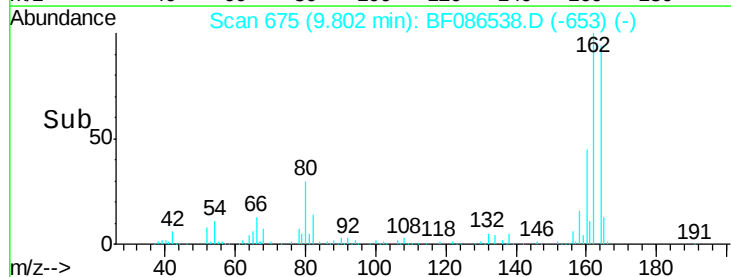
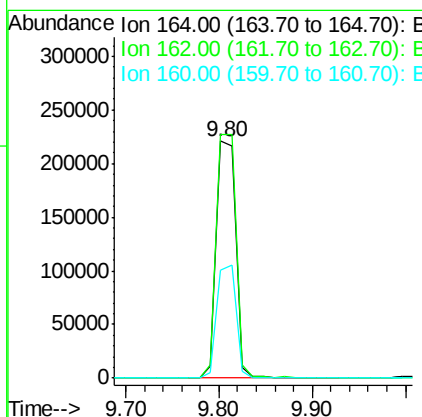
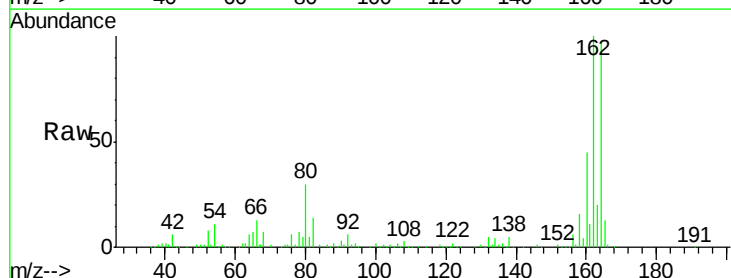
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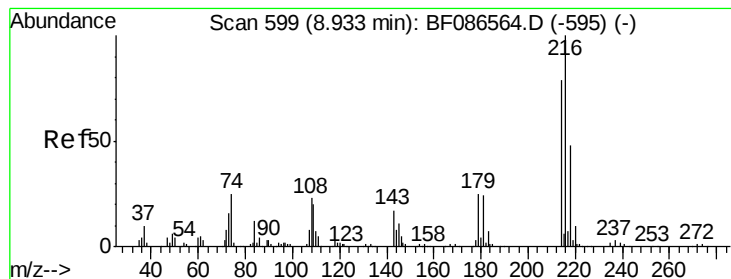
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	45.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.21 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

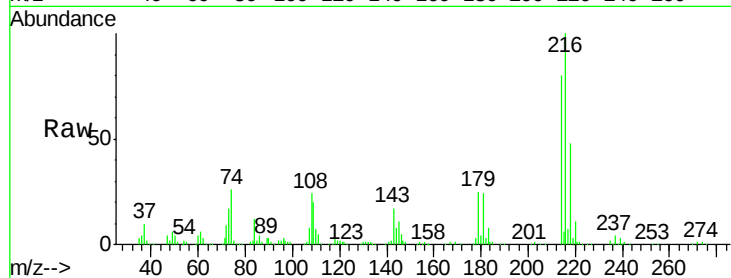
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
348304	216	100			
	214	79.1	62.6	93.8	
	179	23.8	18.2	27.4	
	108	24.0	17.5	26.3	

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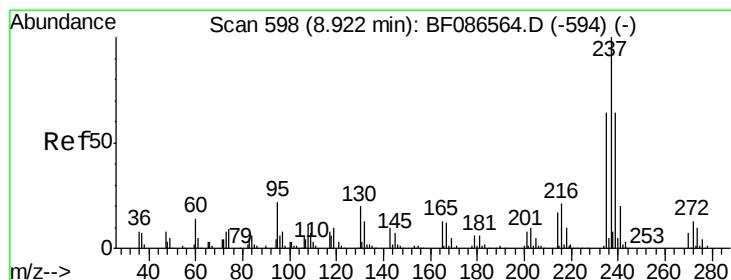
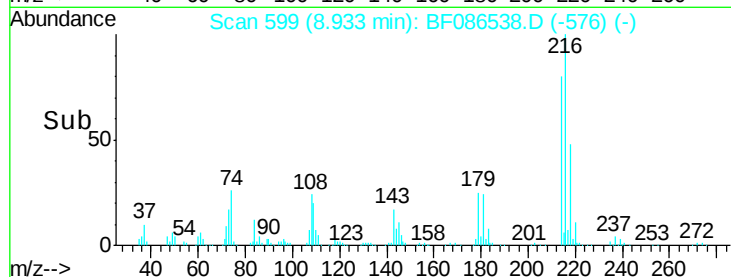
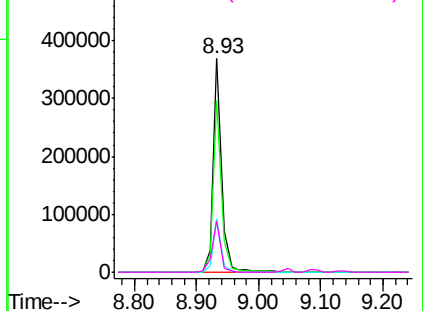


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.80 ng

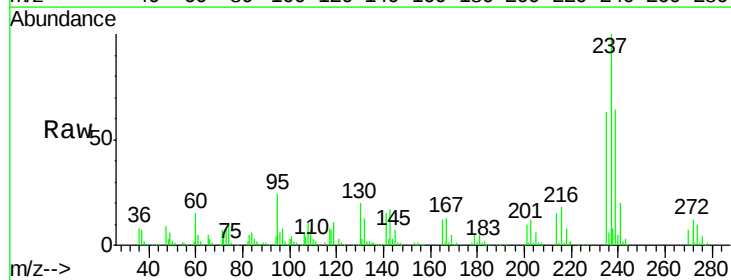
RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

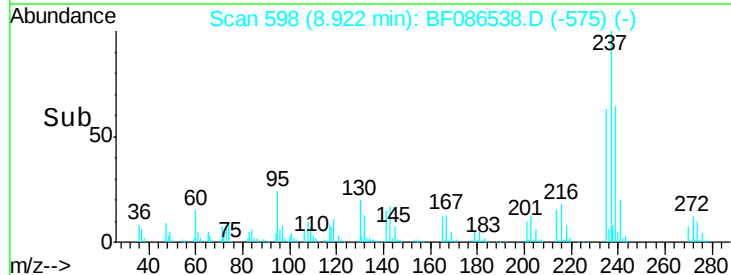
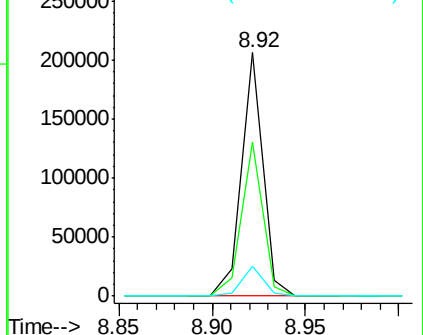
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166699	237	100			
	235	63.4	47.2	87.2	
	272	12.4	0.0	31.1	

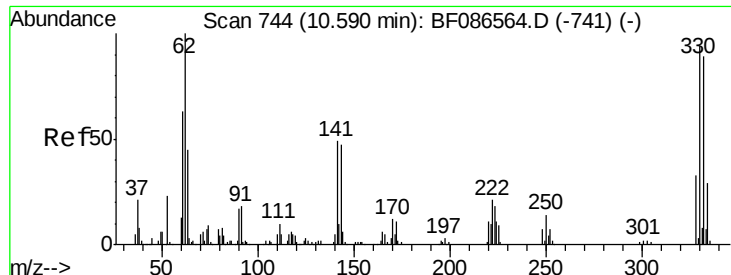


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





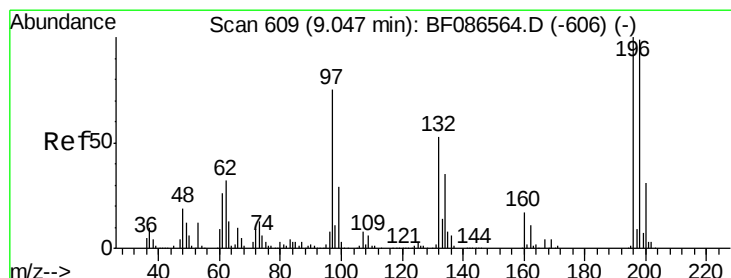
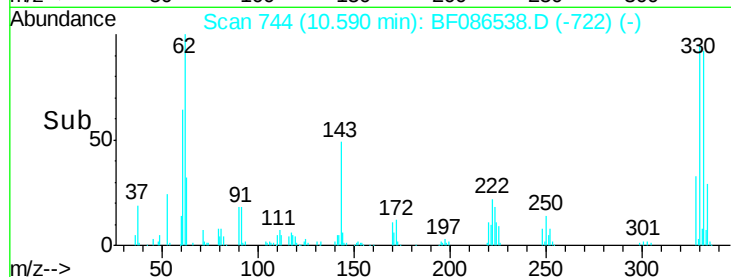
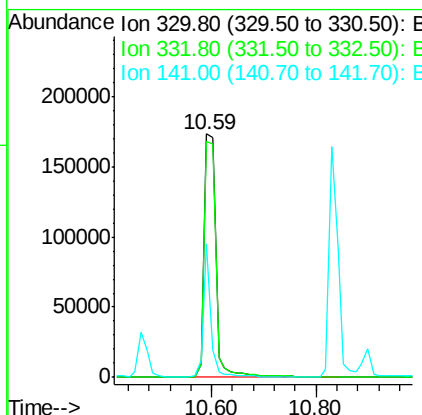
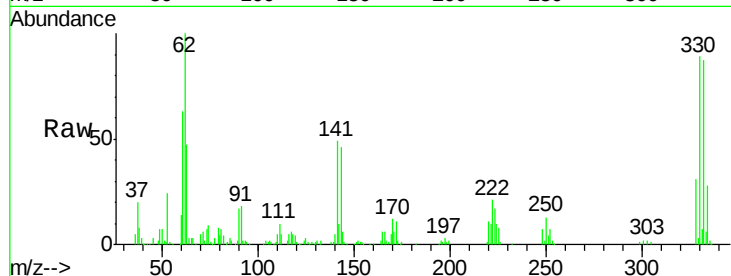
#41
 2,4,6-Tribromophenol
 Concen: 81.47 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	34.8	31.2	46.8

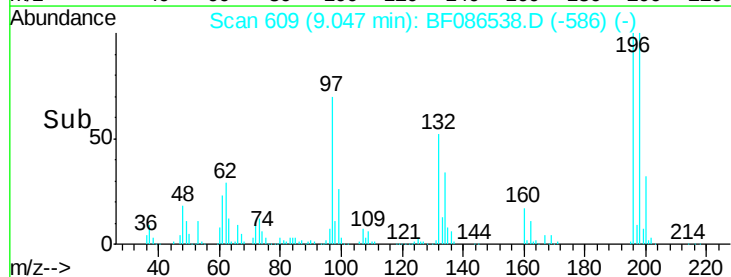
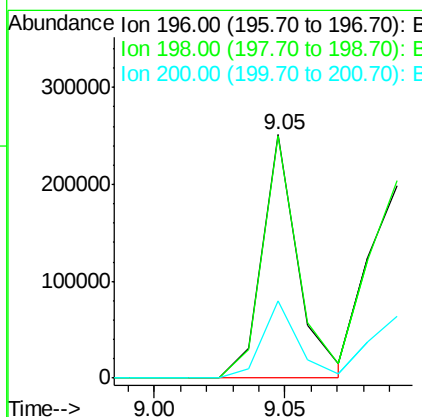
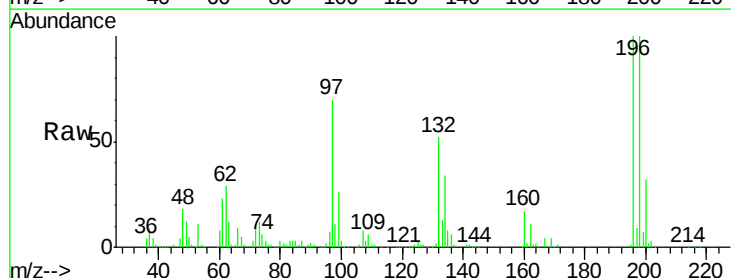
Manual Integrations
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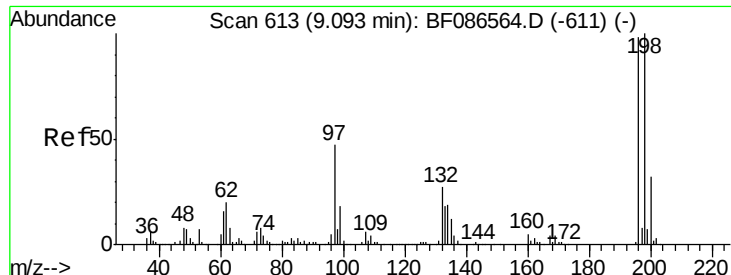
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#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.7	112.1
200	31.6	23.8	35.6





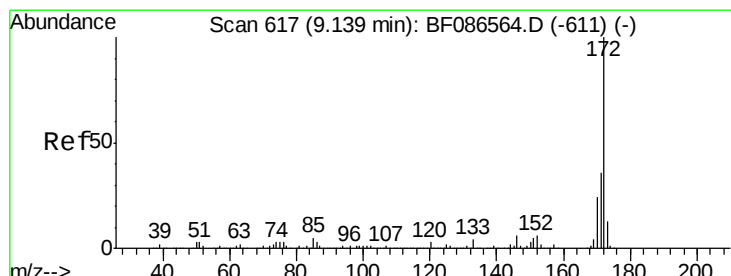
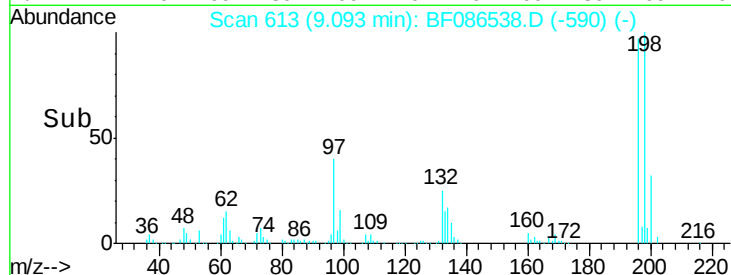
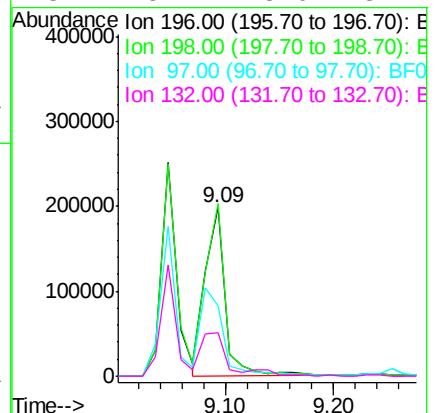
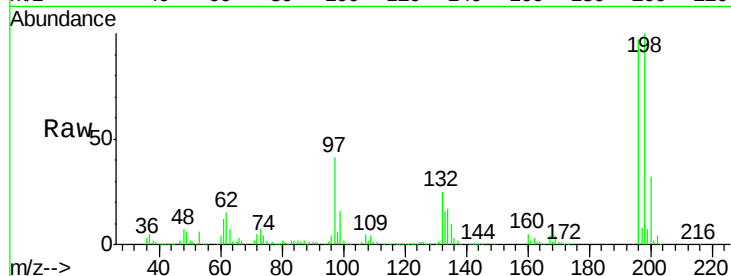
#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	256392
Ion Ratio	Lower	Upper	
196	100		
198	103.0	77.5	116.3
97	41.8	34.8	52.2
132	25.7	23.0	34.4

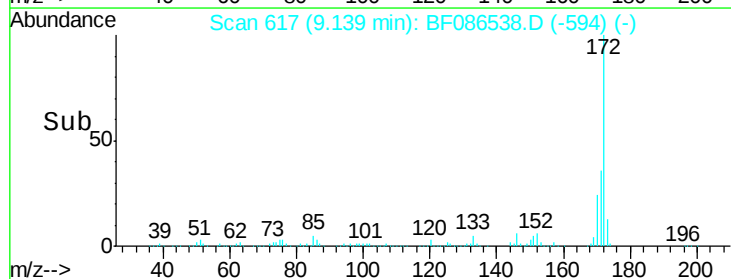
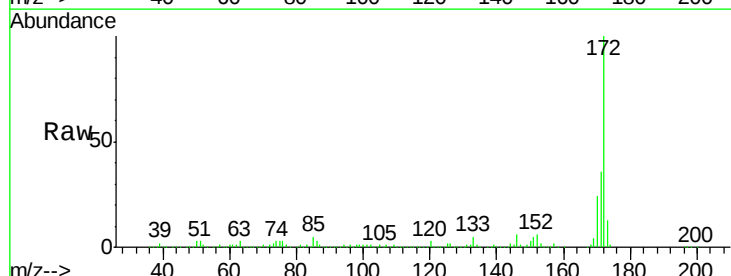
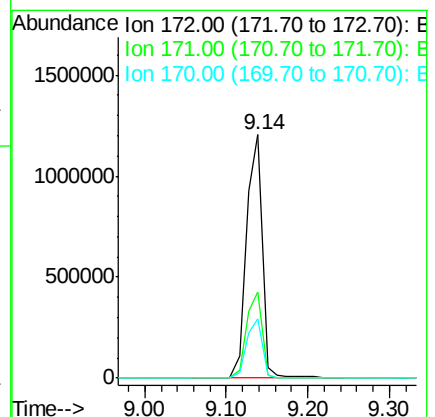
Manual Integrations
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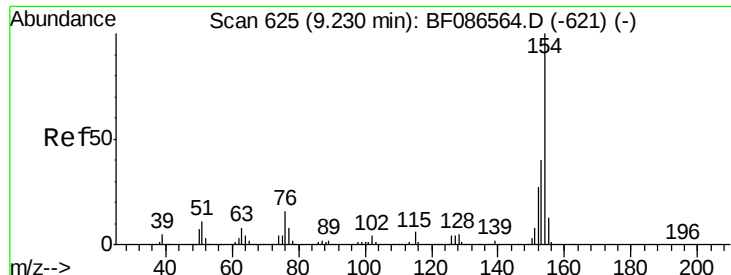
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#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:	172	Resp:	1605854
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.6
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 36.76 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

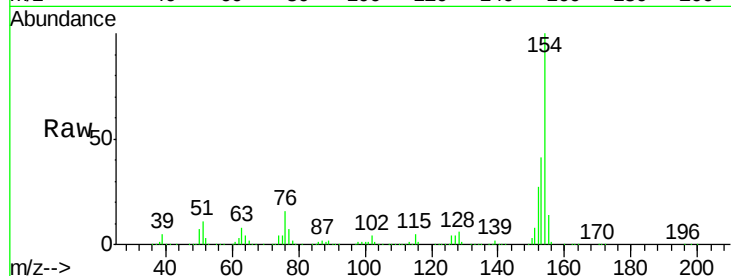
ClientSampleId :

SSTDCCC040

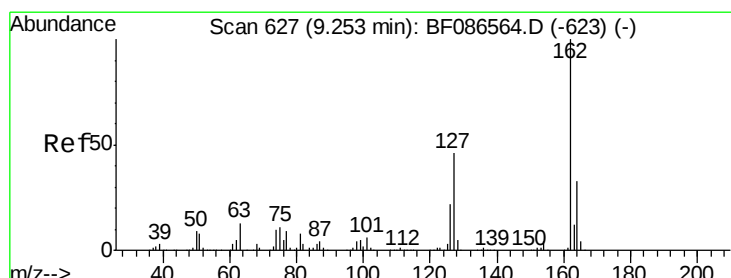
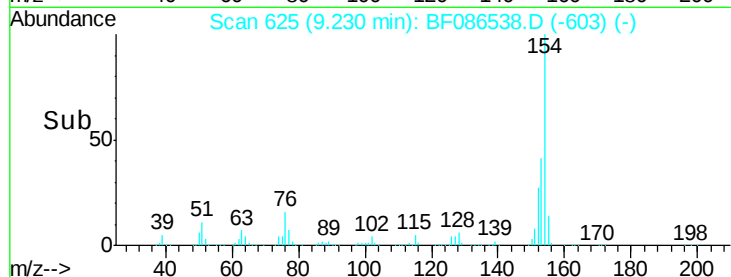
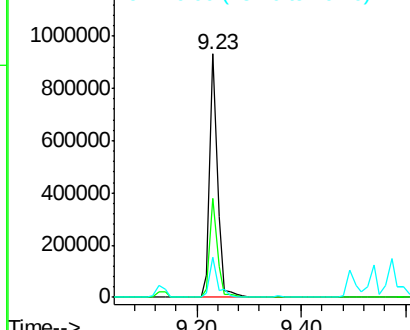
Tot Ion:	154	Resp:	978537
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	16.2	0.0	30.2

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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): BF0



#46

2-Chloronaphthalene

Concen: 37.77 ng

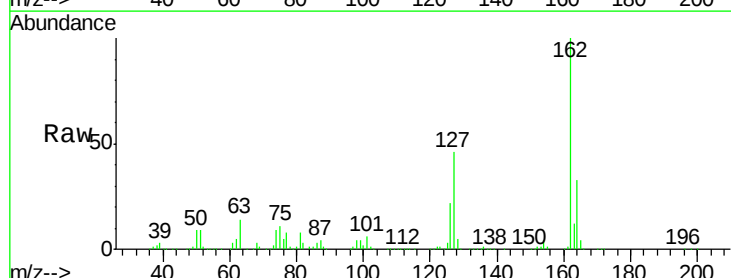
RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

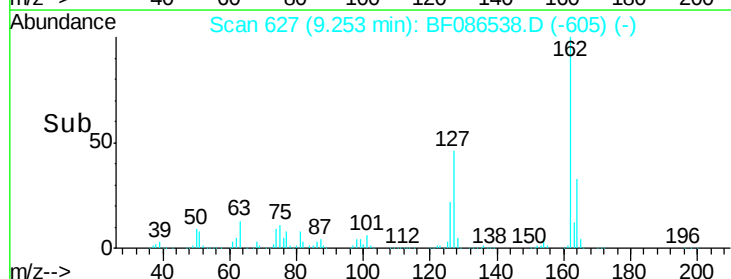
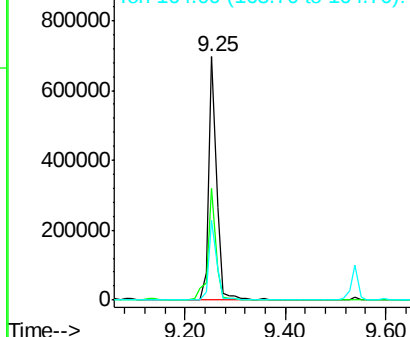
Lab File: BF086538.D

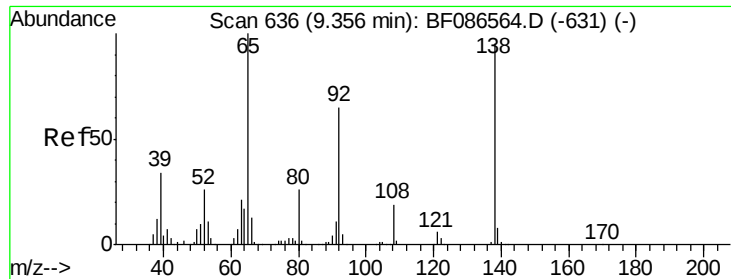
Acq: 30 Apr 2016 23:03

Tgt Ion:	162	Resp:	764562
Ion Ratio	Lower	Upper	
162	100		
127	45.9	31.8	47.6
164	33.0	27.0	40.6



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





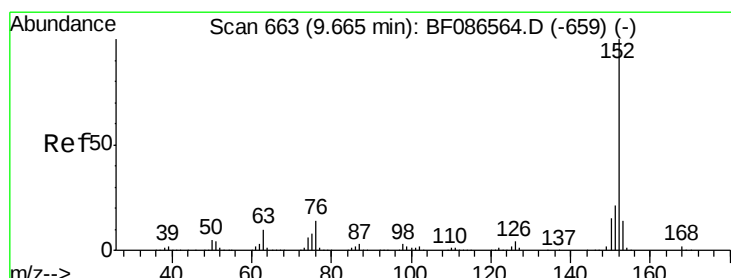
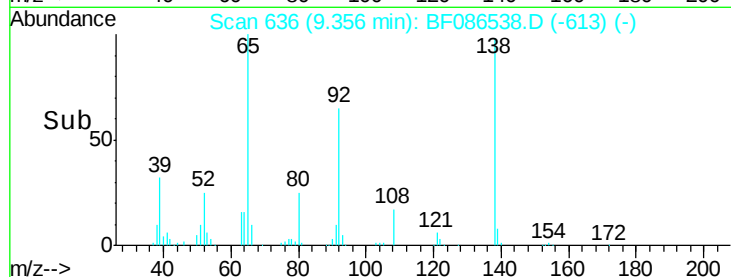
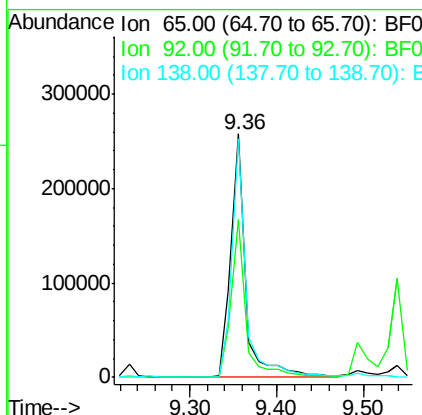
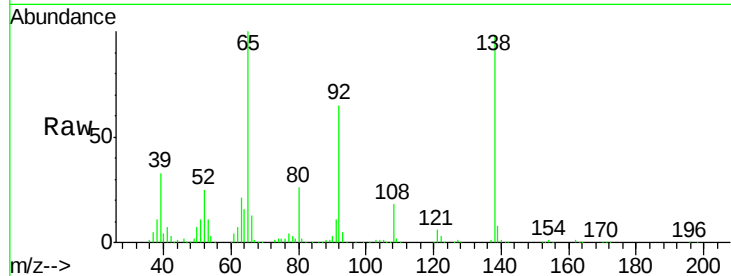
#47
2-Nitroaniline
Concen: 48.00 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	57.4	86.2
138	98.1	90.1	135.1

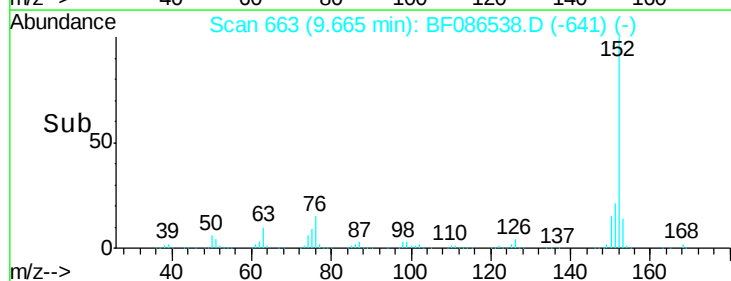
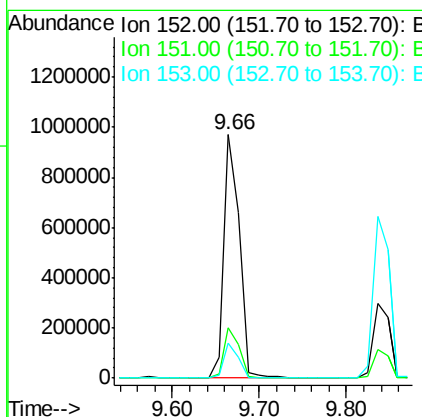
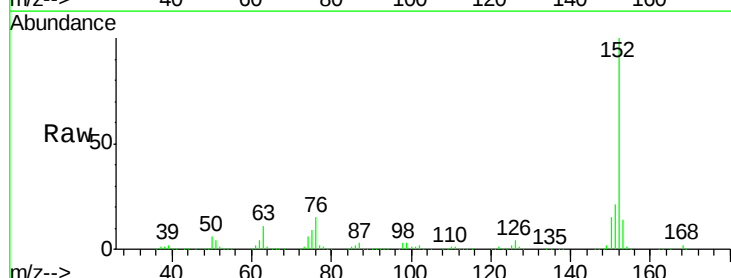
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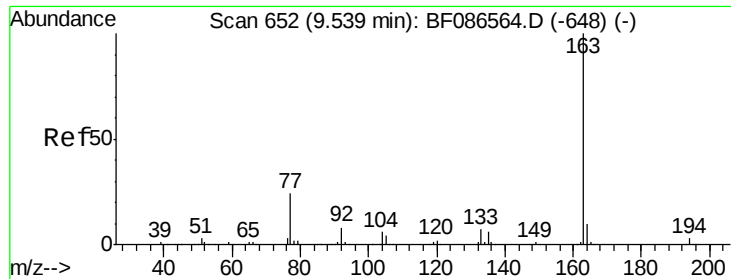
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#48
Acenaphthylene
Concen: 38.39 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.5	10.9	16.3





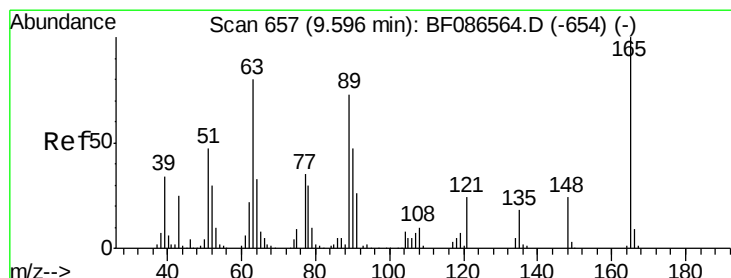
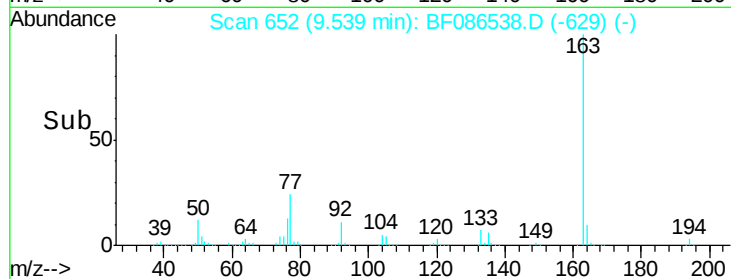
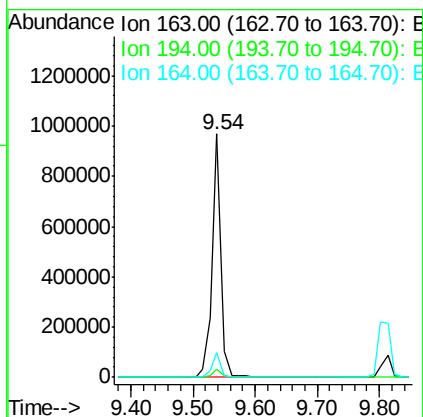
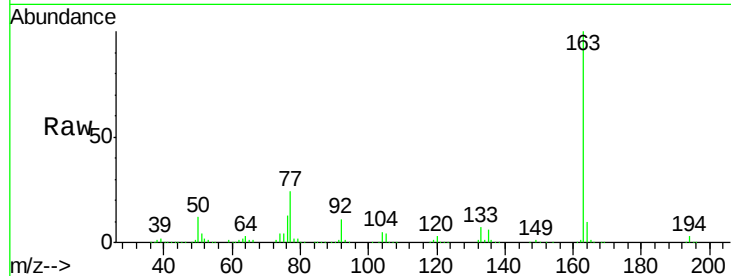
#49
Dimethylphthalate
Concen: 39.19 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	939587		
194	3.2		2.6	4.0
164	10.4		8.2	12.4

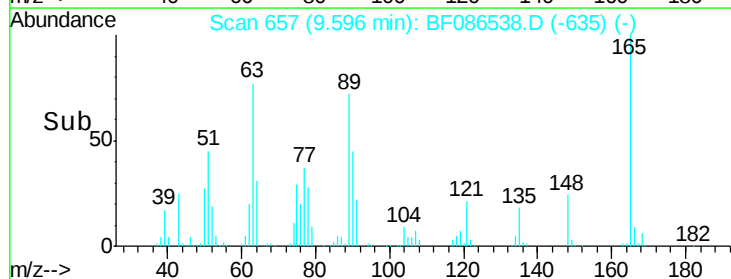
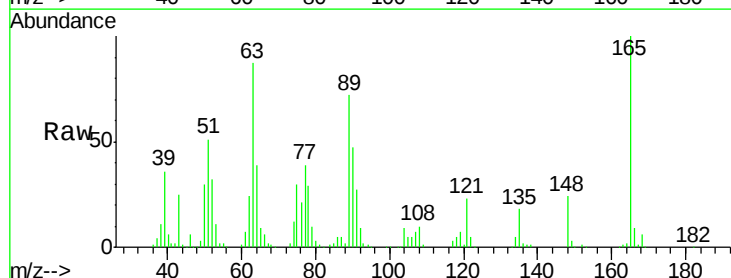
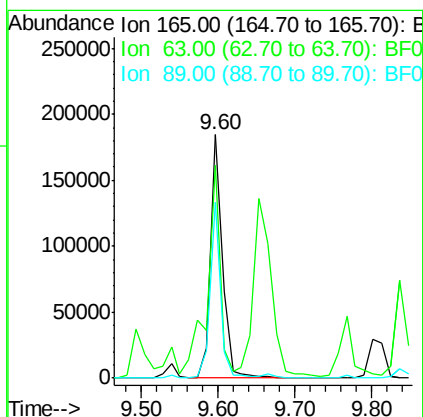
Manual Integrations
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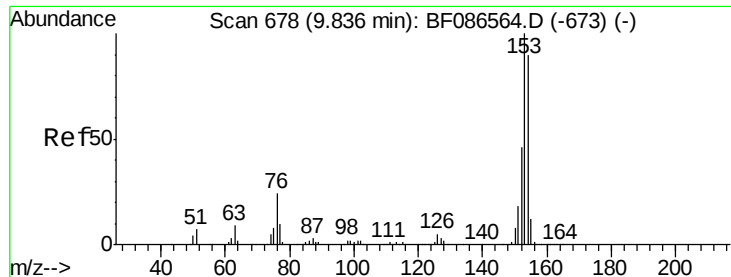
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#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197995		
63	87.4		51.8	77.8#
89	72.0		50.7	76.1





#51

Acenaphthene

Concen: 39.97 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

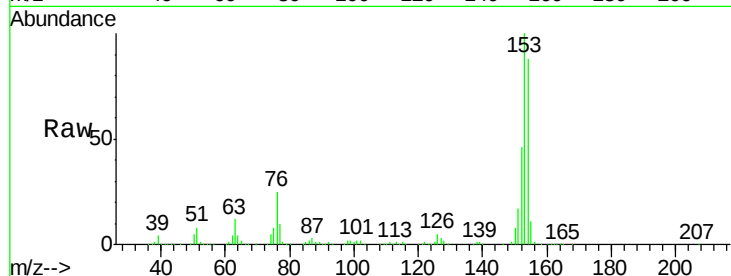
ClientSampleId :

SSTDCCC040

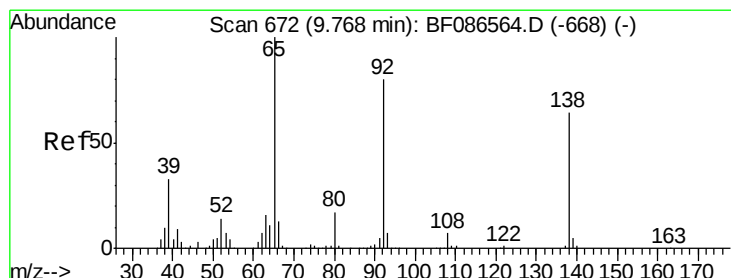
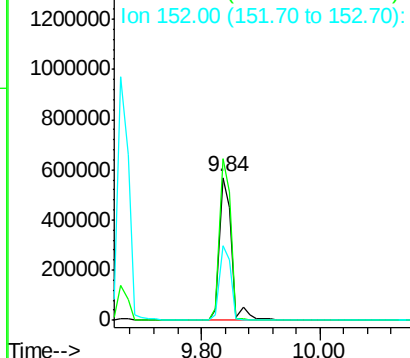
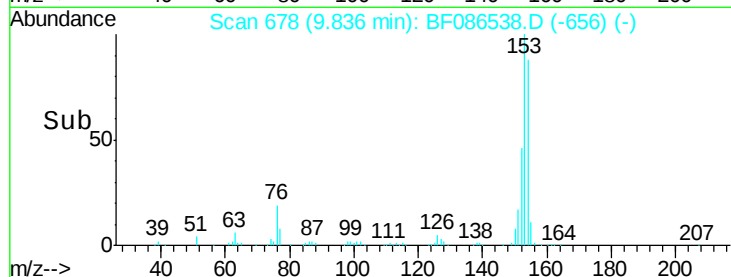
Tot Ion:	154	Resp:	812206
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.3	43.4	65.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.43 ng

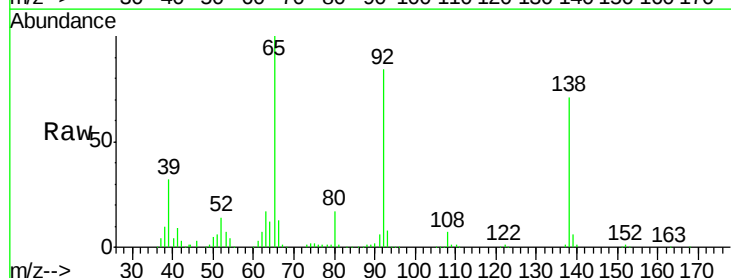
RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

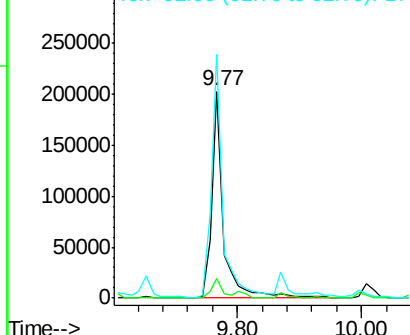
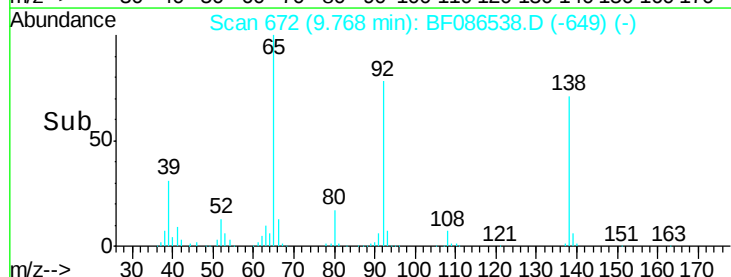
Lab File: BF086538.D

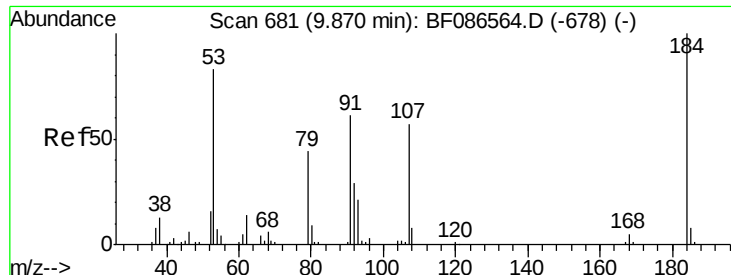
Acq: 30 Apr 2016 23:03

Tgt Ion:	138	Resp:	261558
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.8	11.6
92	117.6	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





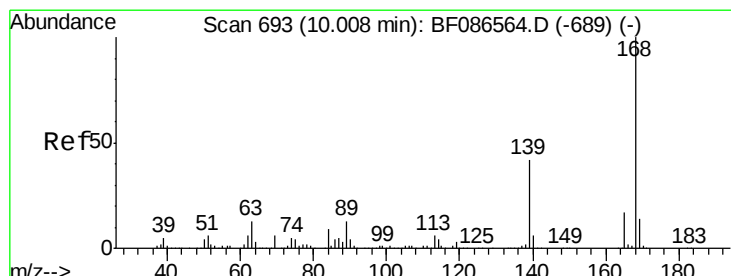
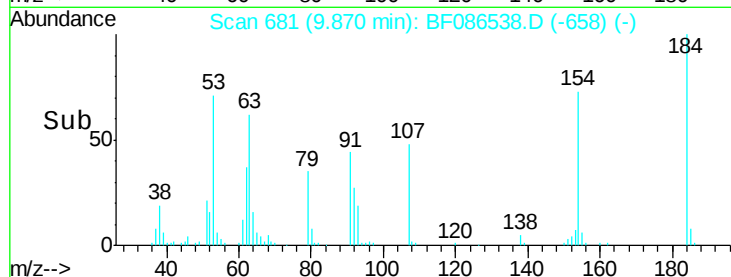
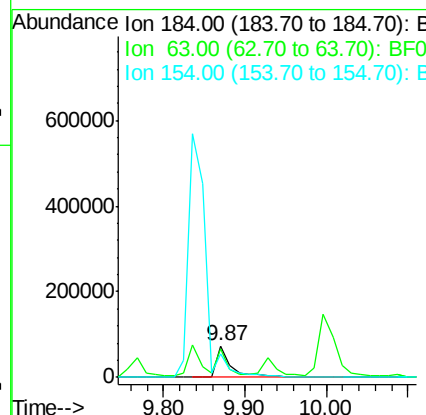
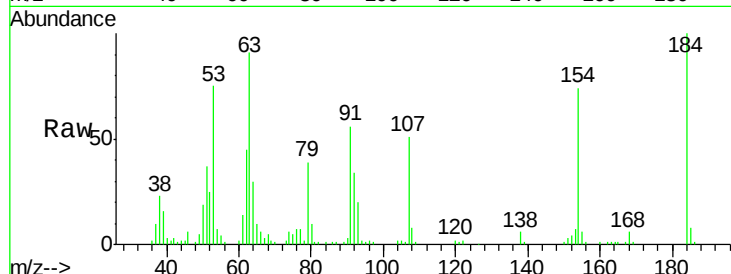
#53
2,4-Dinitrophenol
Concen: 40.06 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	96770		
63	91.3	55.8	83.8#	
154	73.7	62.4	93.6	

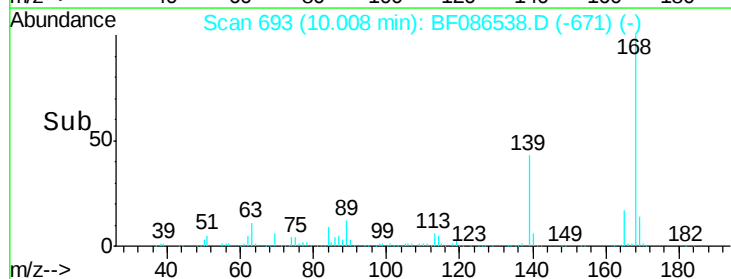
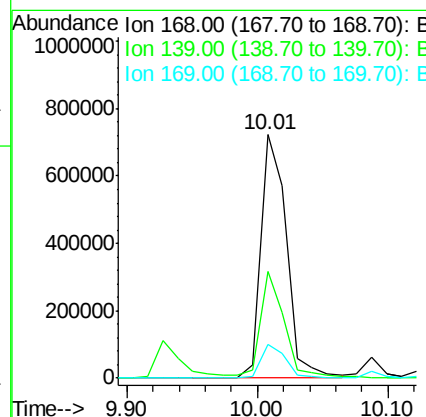
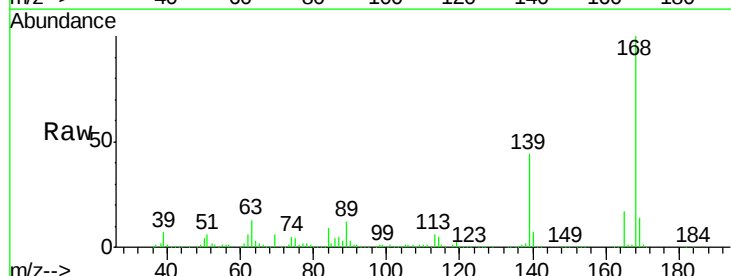
Manual Integrations
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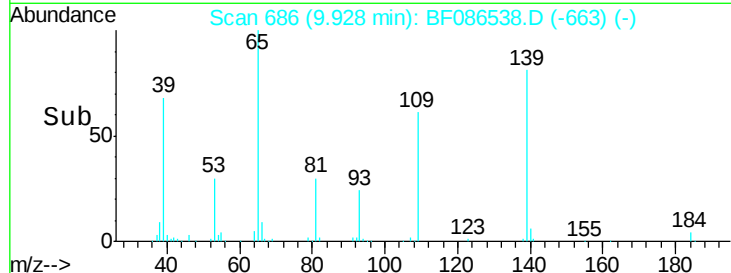
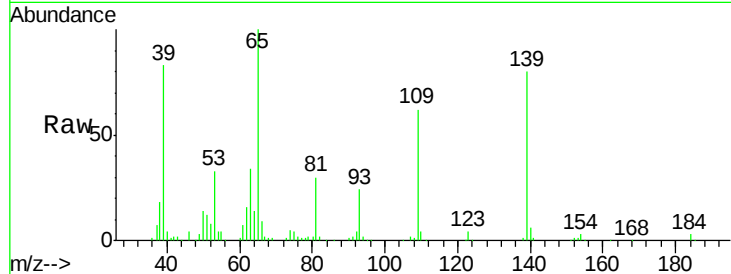
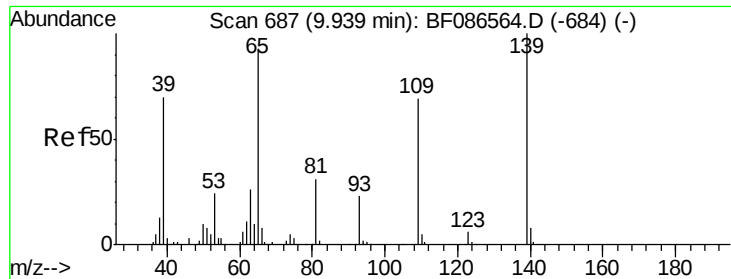
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#54
Dibenzofuran
Concen: 38.88 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	987385		
139	44.0	31.4	47.0	
169	13.9	10.7	16.1	





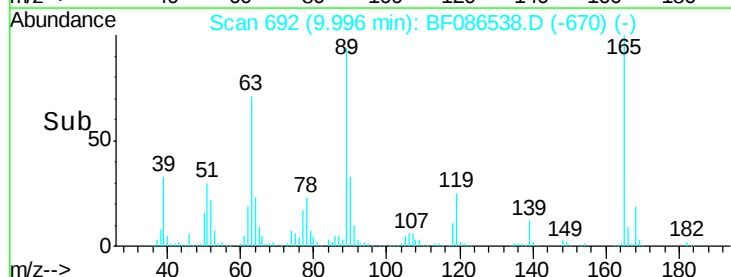
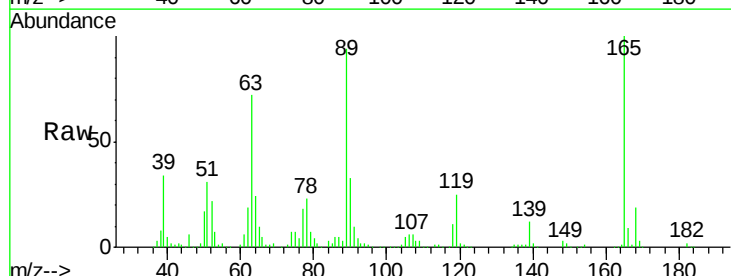
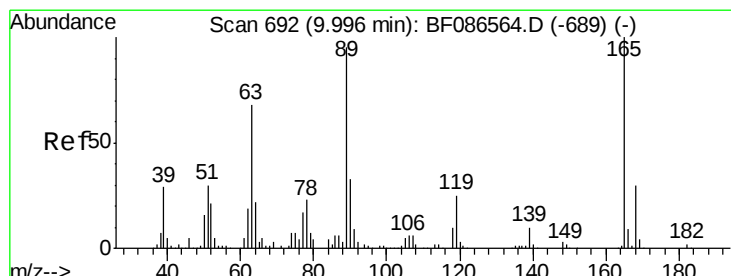
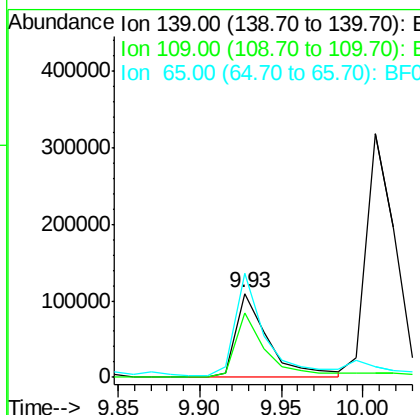
#55
4-Nitrophenol
Concen: 41.21 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tot Ion	Ratio	Resp	Lower	Upper
139	100	151994		
109	77.2	36.9	76.9#	
65	124.6	64.0	104.0#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

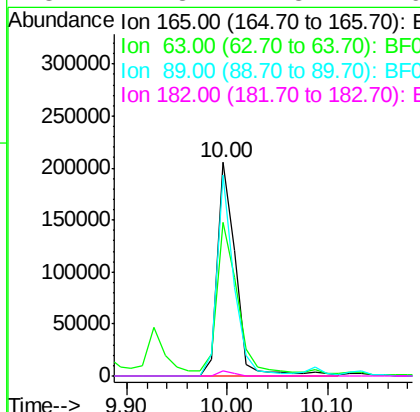
Manual Integrations
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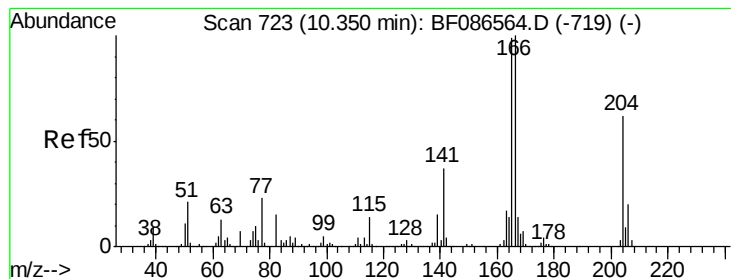
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#56
2,4-Dinitrotoluene
Concen: 41.09 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259488		
63	72.0	44.3	66.5#	
89	94.2	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 34.78 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

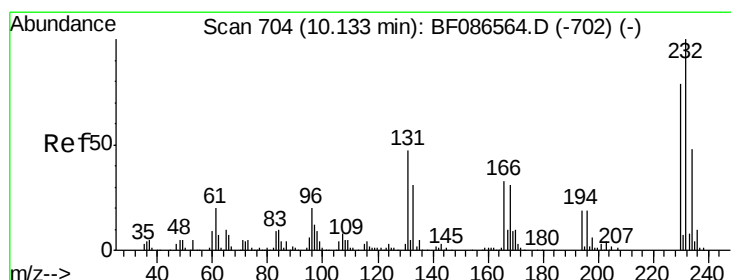
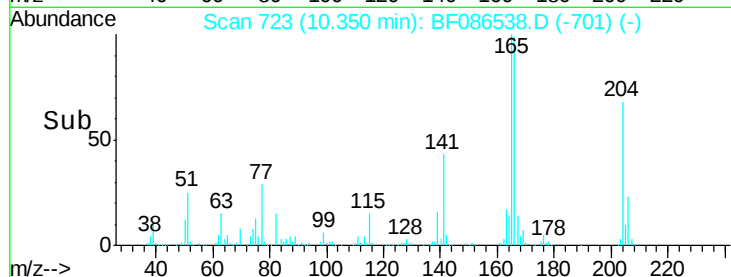
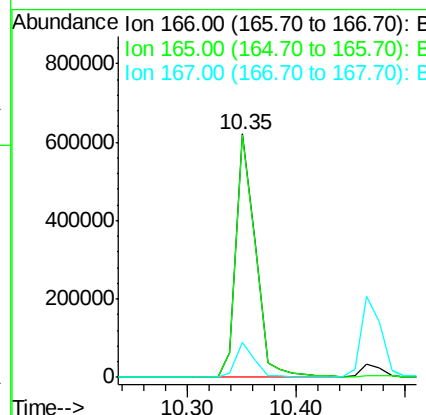
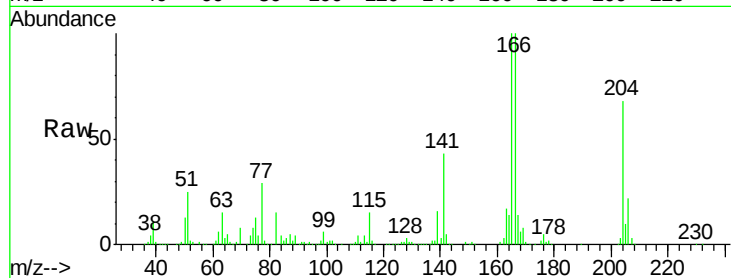
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	766891
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.6
167	14.2	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.44 ng

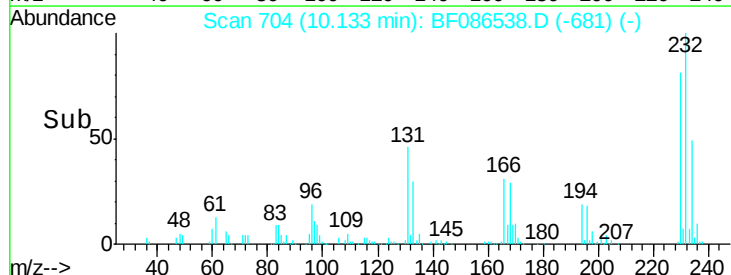
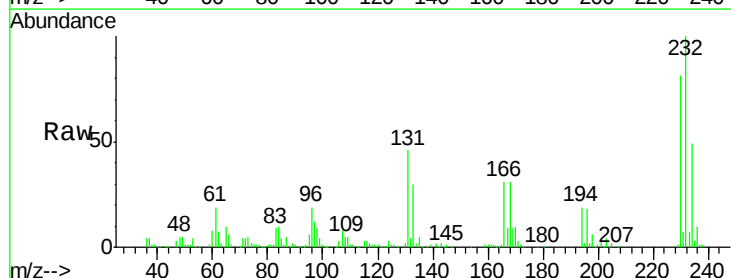
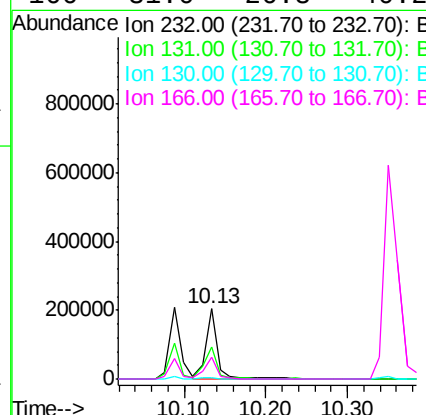
RT: 10.13 min Scan# 704

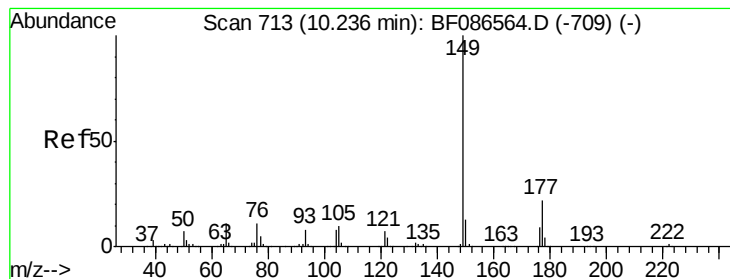
Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	232	Resp:	208393
Ion Ratio	Lower	Upper	
232	100		
131	50.6	41.9	62.9
130	2.5	2.2	3.4
166	31.0	26.8	40.2





#59

Diethylphthalate

Concen: 41.07 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

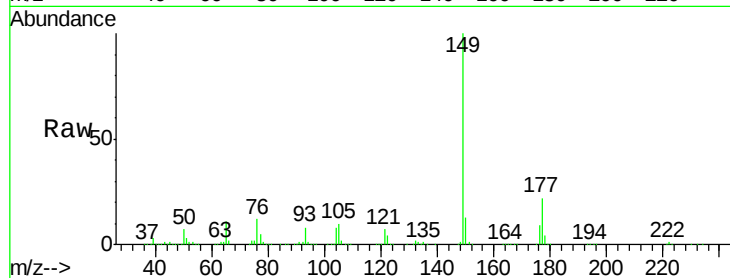
ClientSampleId :

SSTDCCC040

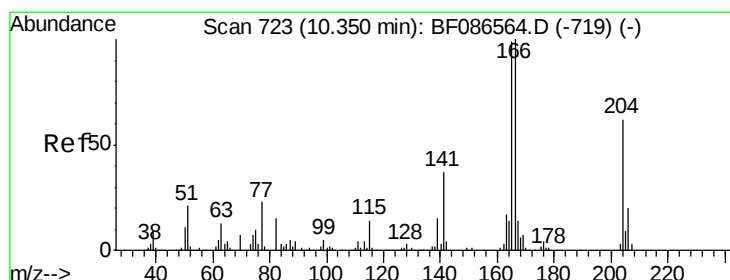
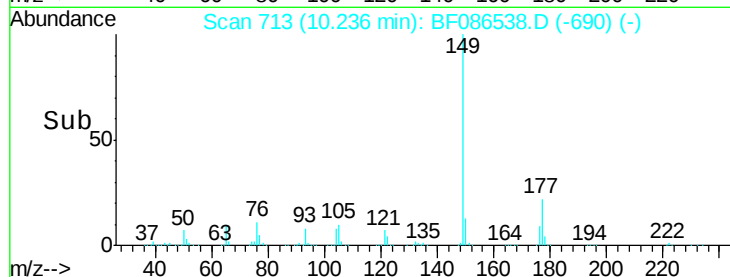
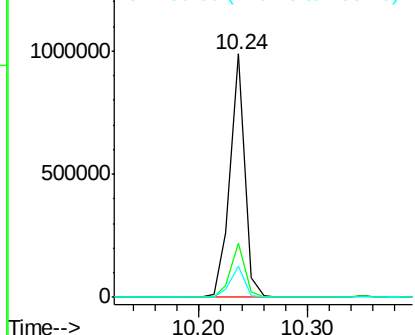
Tot Ion:	149	Resp:	932221
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.6	24.8
150	12.9	10.0	15.0

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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



#60

4-Chlorophenyl-phenylether

Concen: 39.95 ng

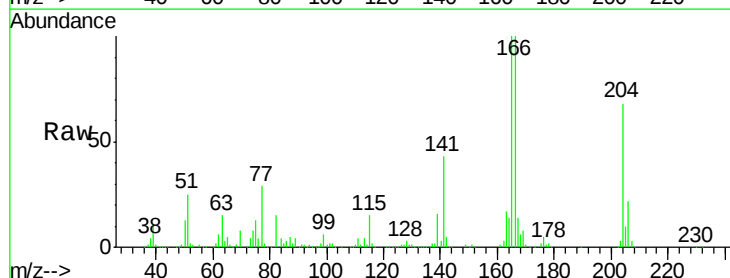
RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

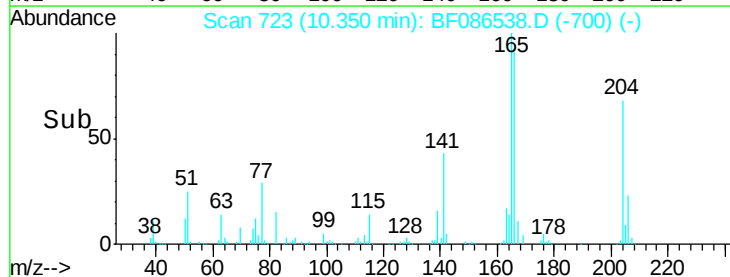
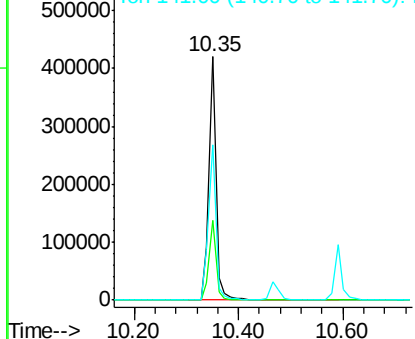
Lab File: BF086538.D

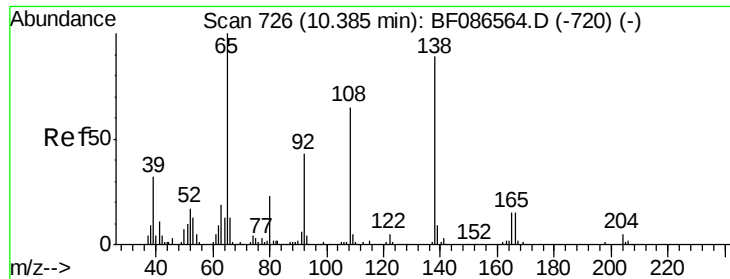
Acq: 30 Apr 2016 23:03

Tgt Ion:	204	Resp:	399973
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.4	38.0
141	63.7	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





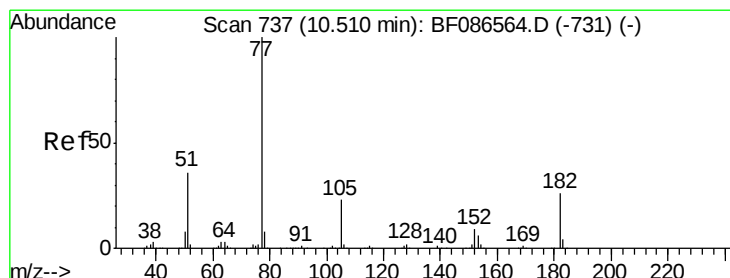
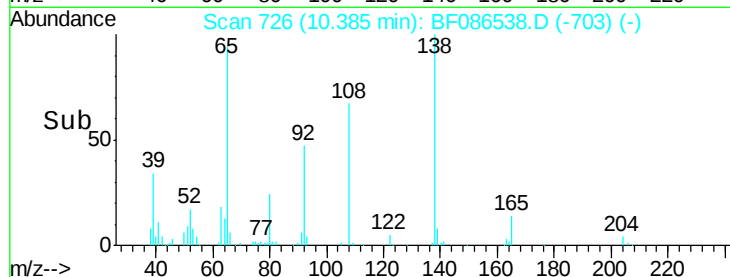
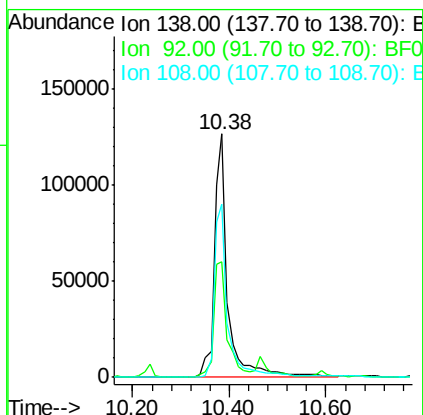
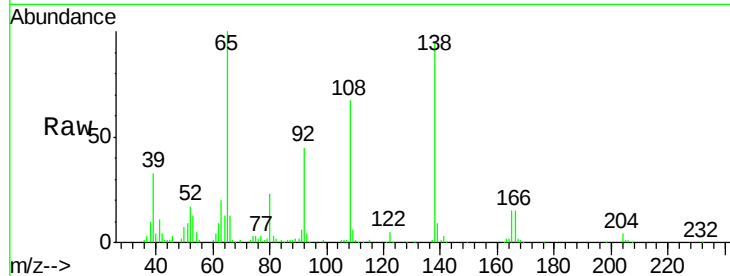
#61
4-Nitroaniline
Concen: 45.36 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	24.7	64.7
108	70.9	37.4	77.4

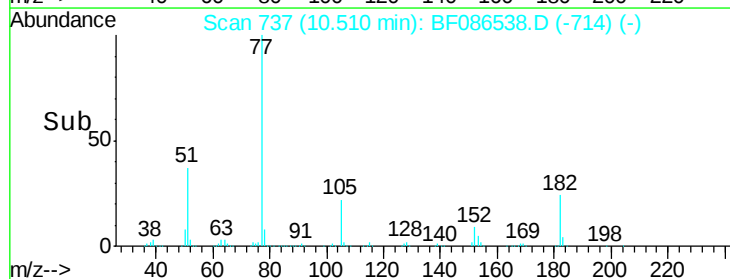
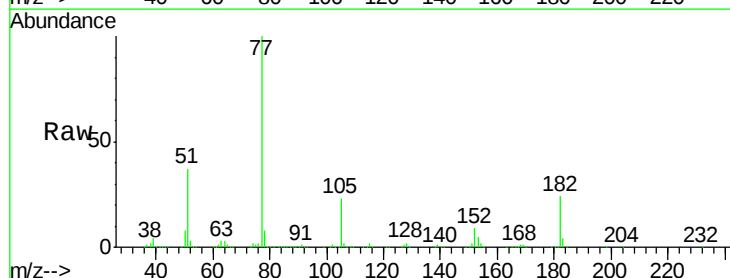
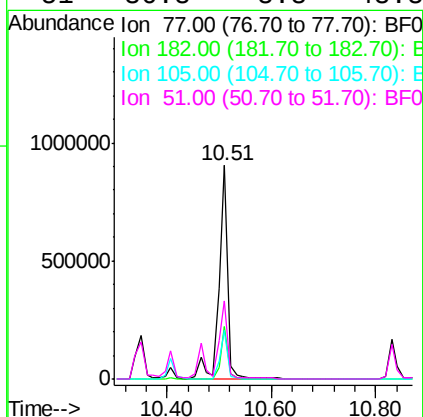
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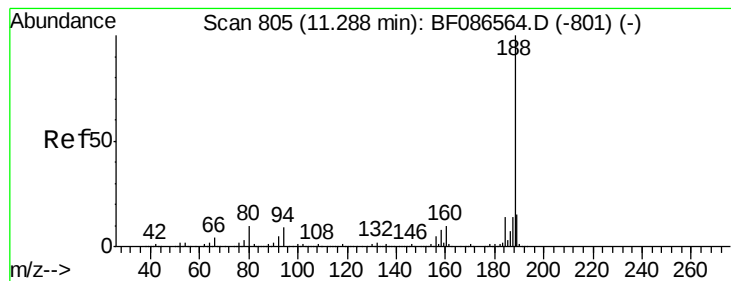
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#62
Azobenzene
Concen: 42.54 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.0	38.8
105	22.6	3.2	43.2
51	36.8	8.8	48.8





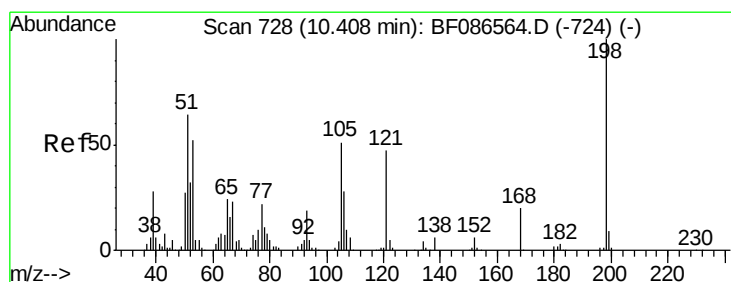
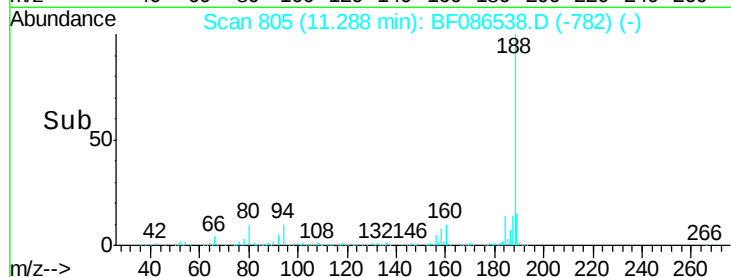
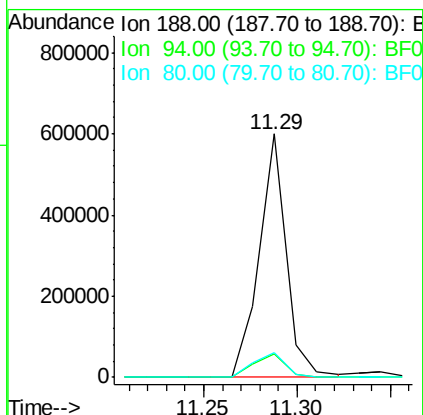
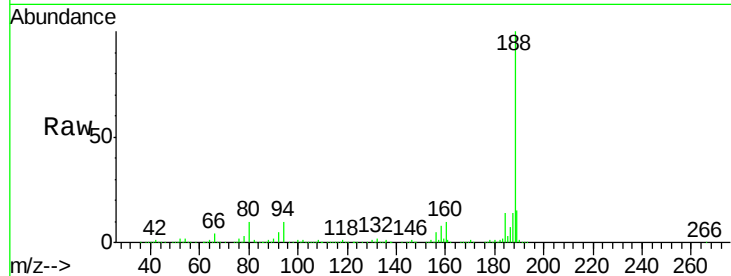
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	602099		
94	9.8		6.8	10.2
80	10.3		7.1	10.7

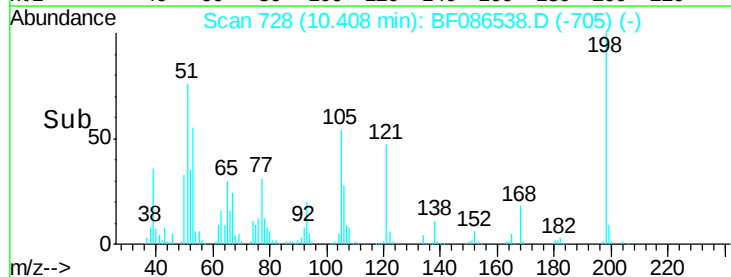
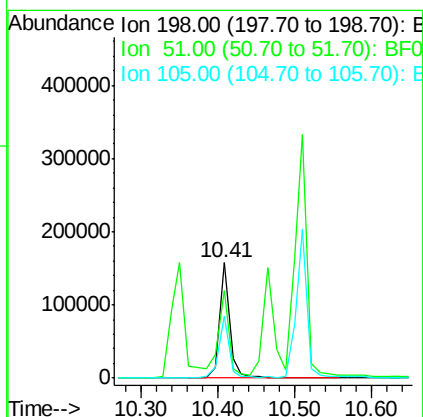
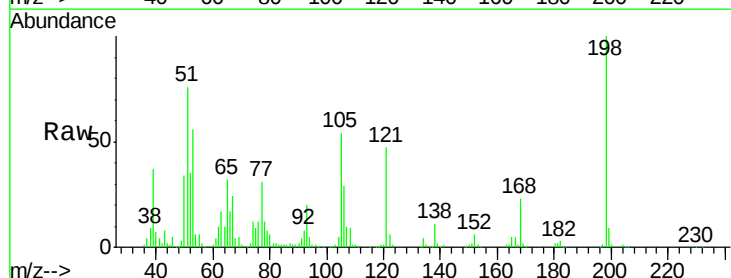
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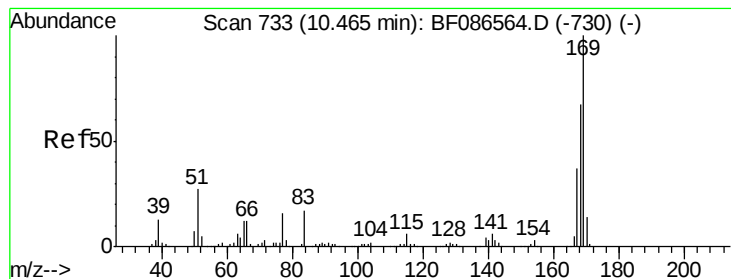
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.01 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	148485		
51	76.4		20.5	60.5#
105	53.7		24.5	64.5





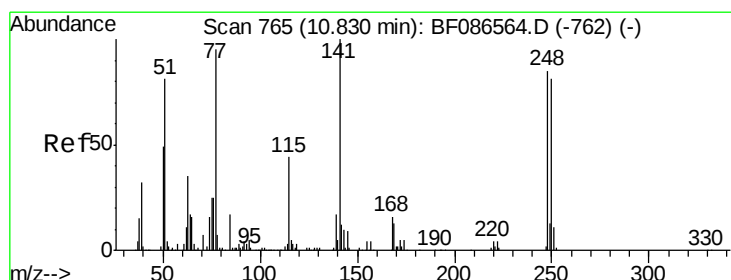
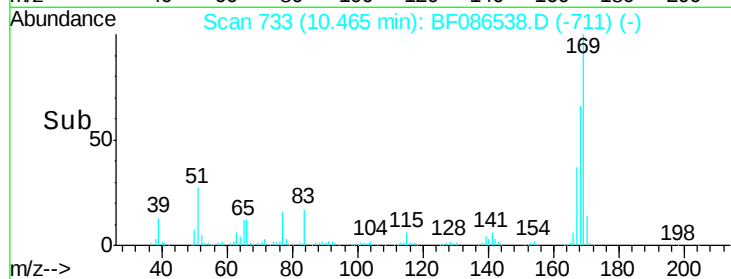
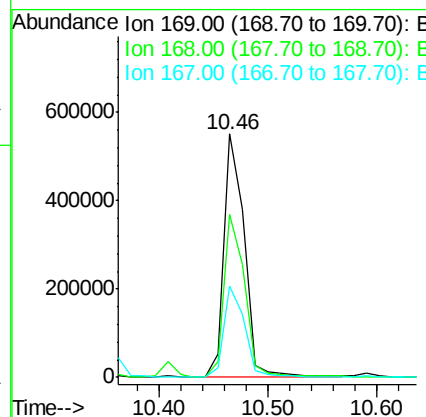
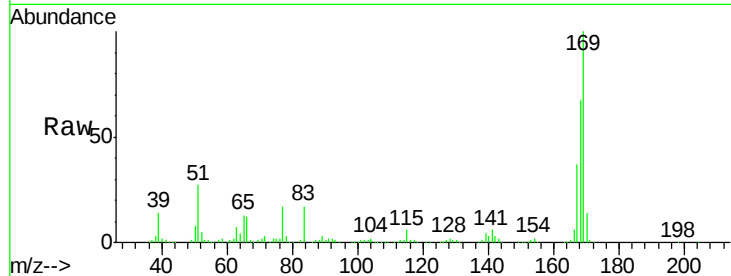
#65
 n-Nitrosodiphenylamine
 Concen: 38.43 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	723171		
168	66.7	53.8	80.6	
167	37.3	29.5	44.3	

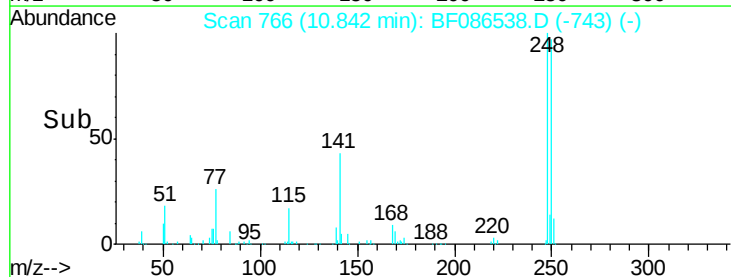
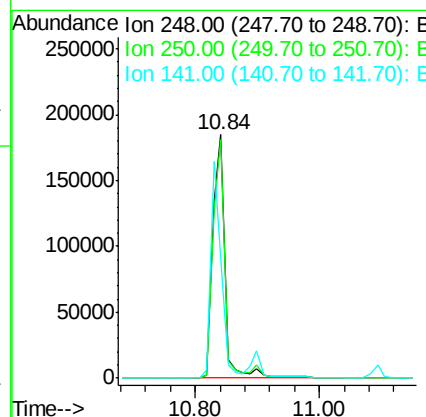
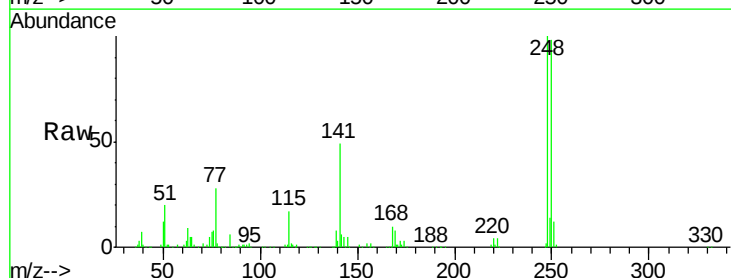
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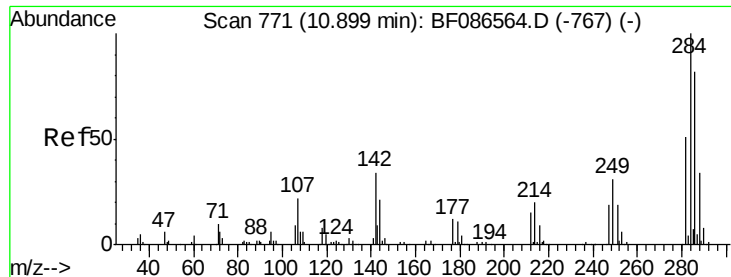
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#66
 4-Bromophenyl-phenylether
 Concen: 40.81 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253219		
250	97.9	78.6	117.8	
141	49.4	76.0	114.0	





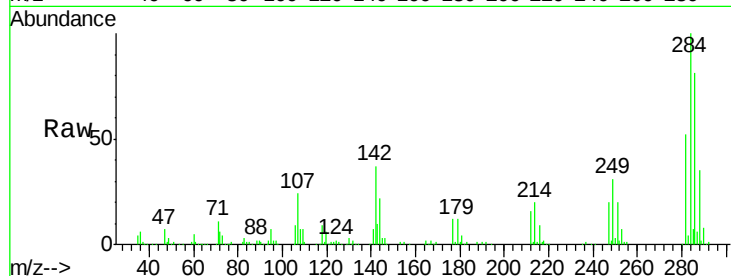
#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

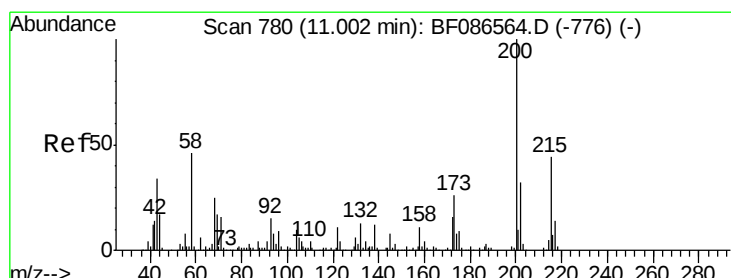
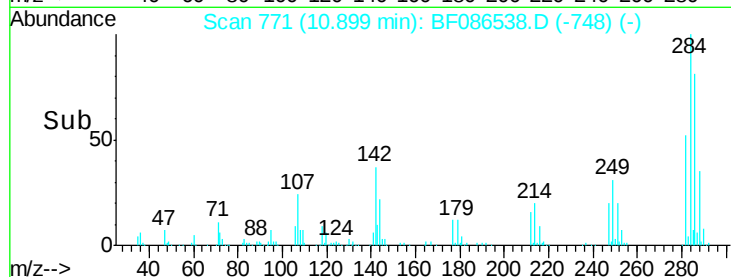
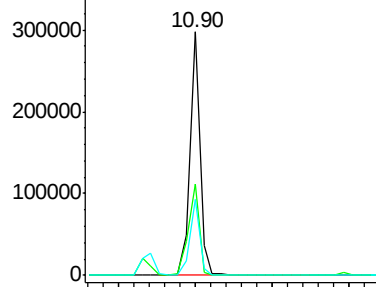
Tot Ion	Ratio	Resp	Lower	Upper
284	100	269513		
142	37.4	16.7	25.1#	
249	31.4	21.3	31.9	

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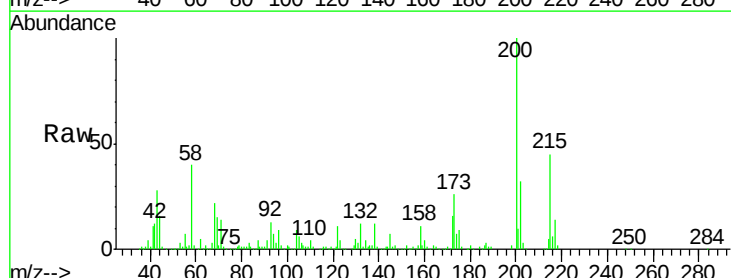


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

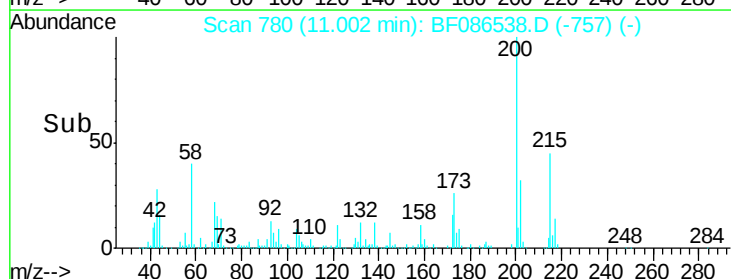
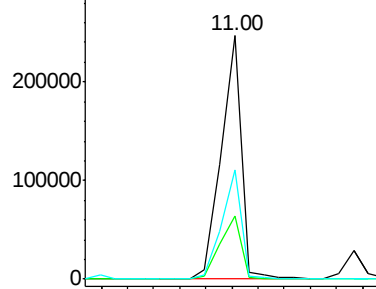


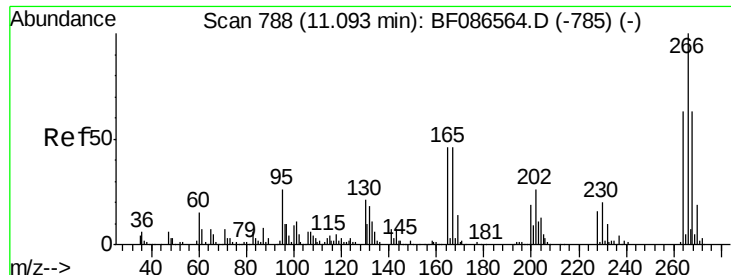
#68
Atrazine
Concen: 46.94 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	265252		
173	25.8	8.5	48.5	
215	44.7	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





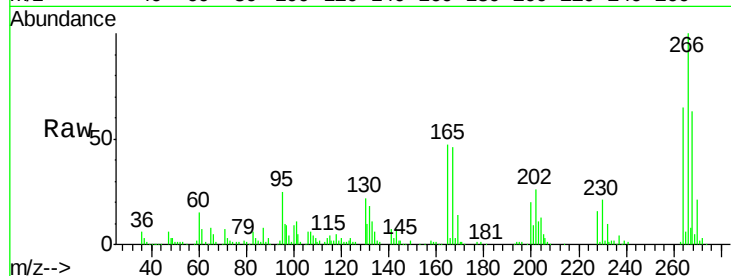
#69
 Pentachlorophenol
 Concen: 39.00 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

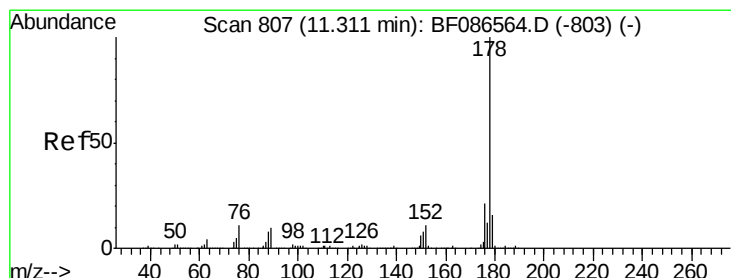
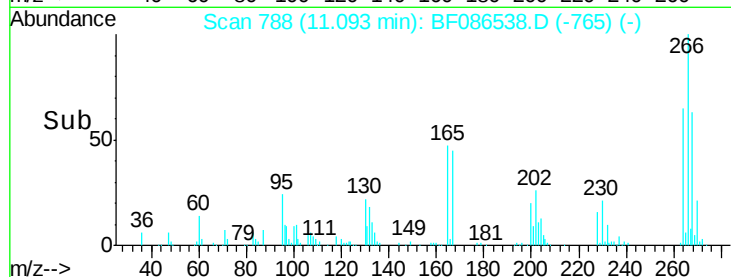
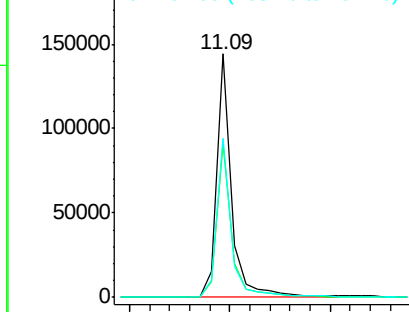
Tot Ion	Ratio	Resp	Lower	Upper
266	100	147665		
268	63.4	51.5	77.3	
264	65.5	52.9	79.3	

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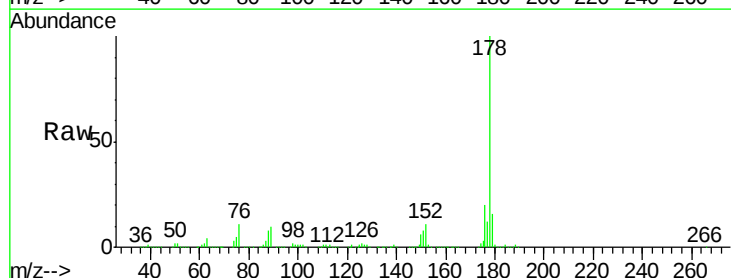


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

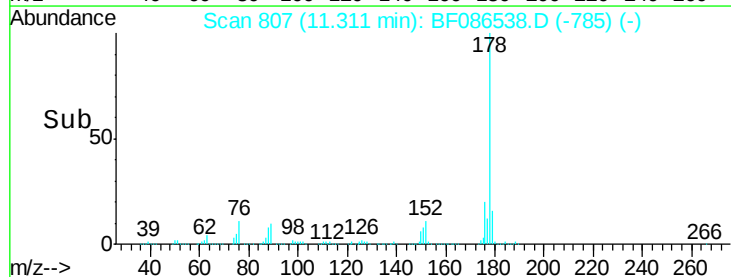
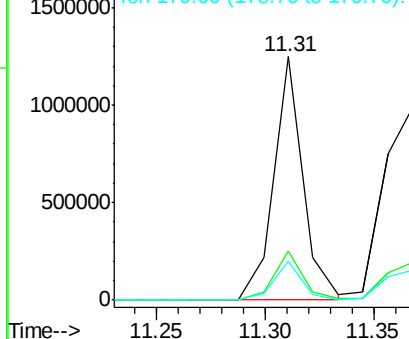


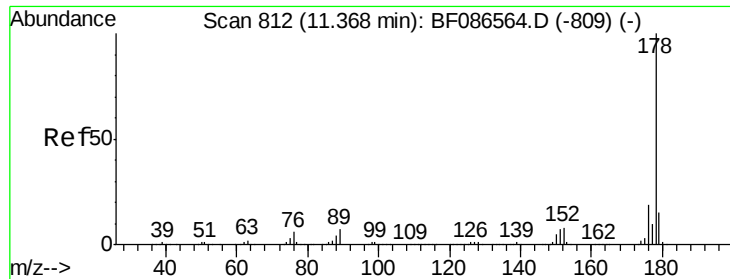
#70
 Phenanthrene
 Concen: 37.31 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1178950		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	



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





#71
 Anthracene
 Concen: 41.08 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

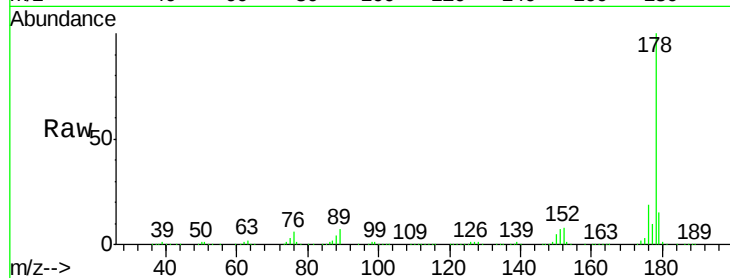
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1385346

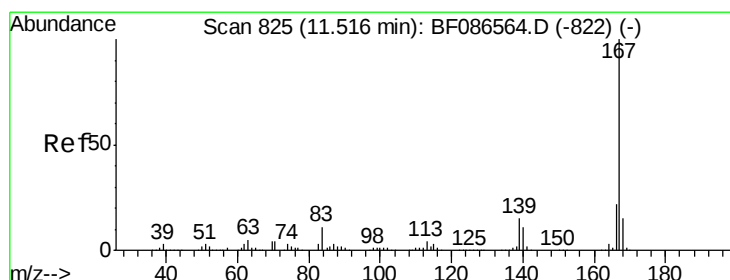
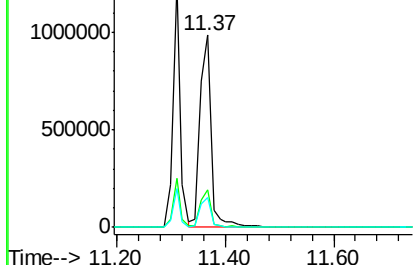
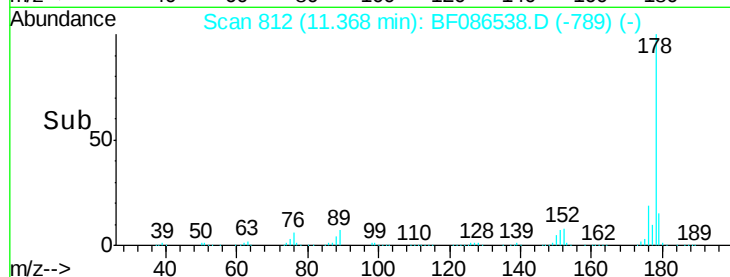
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.7	19.1

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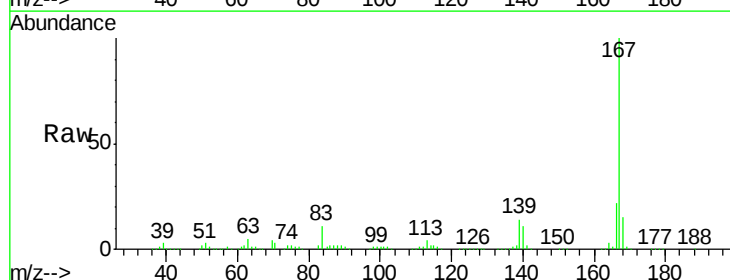
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



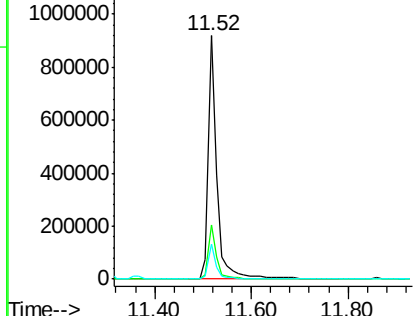
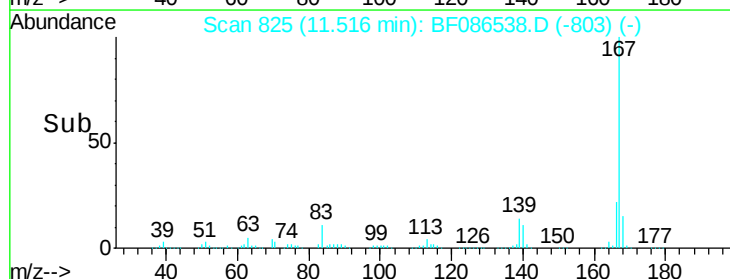
#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

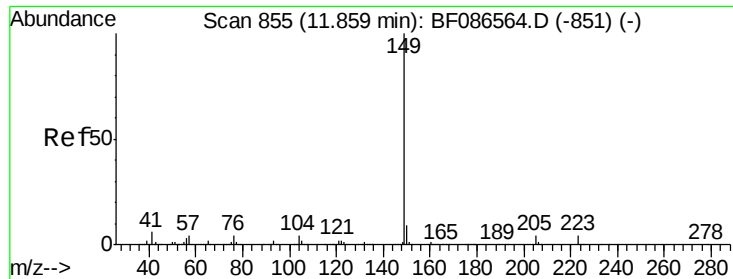
Tgt Ion:167 Resp: 1158825

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.5	10.8	16.2



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





#73

Di-n-butylphthalate

Concen: 42.09 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1425185

Ion Ratio Lower Upper

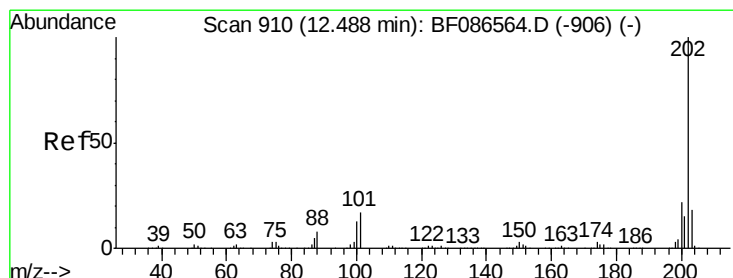
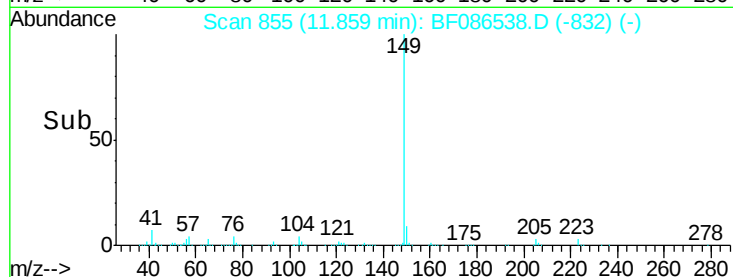
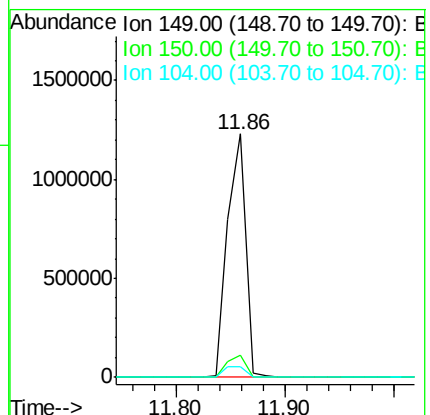
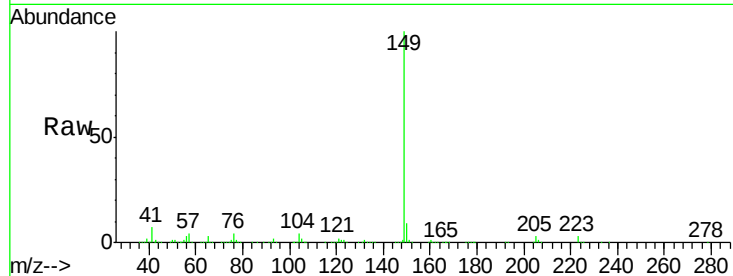
149 100

150 9.2 7.6 11.4

104 4.4 3.8 5.6

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#74

Fluoranthene

Concen: 40.27 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

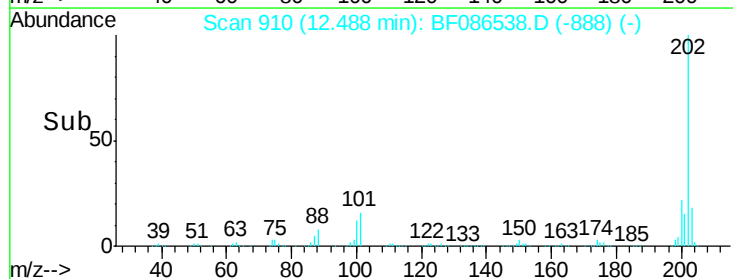
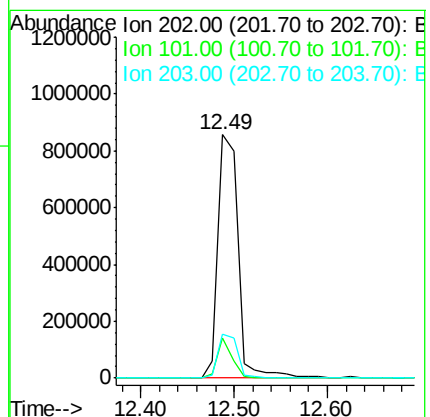
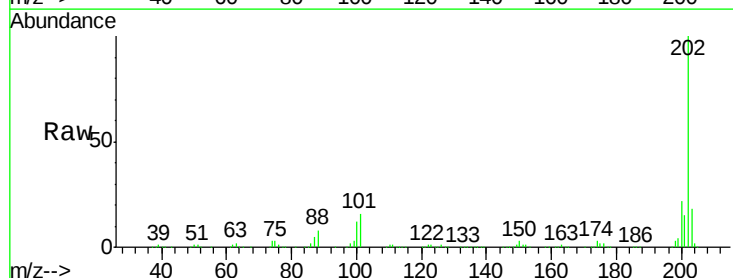
Tgt Ion:202 Resp: 1284457

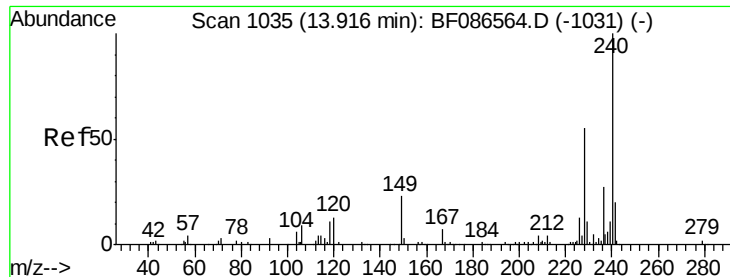
Ion Ratio Lower Upper

202 100

101 16.3 0.0 35.4

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

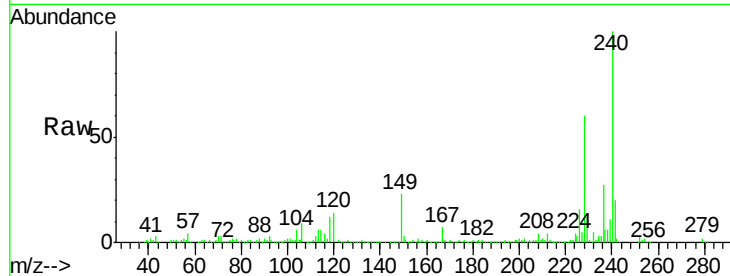
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	429547
Ion Ratio	Lower	Upper	
240	100		
120	13.7	11.2	16.8
236	26.5	21.2	31.8

Manual Integrations
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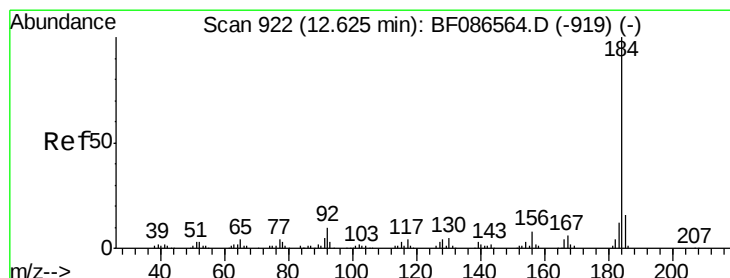
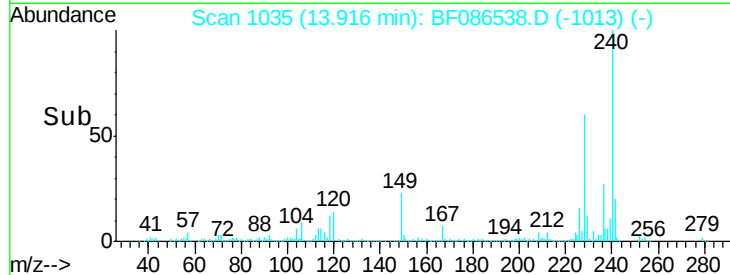
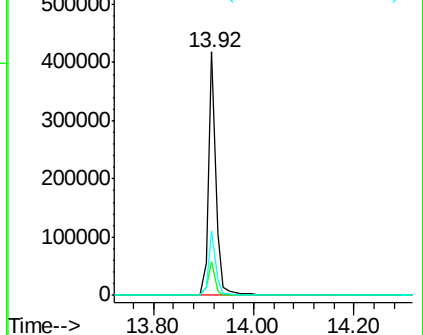
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.68 ng

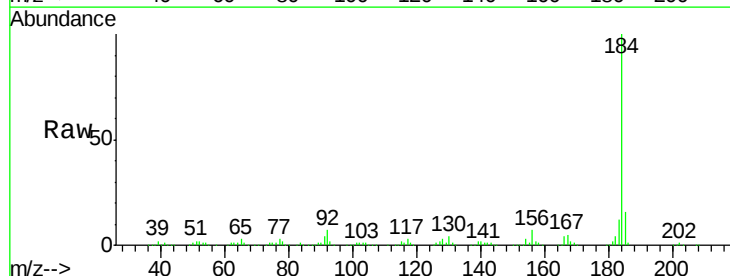
RT: 12.62 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

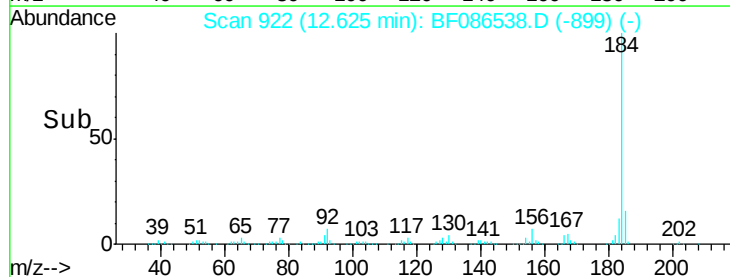
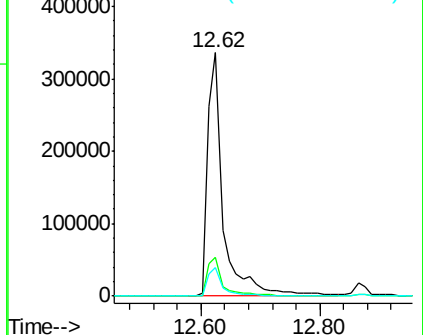
Tgt Ion:	184	Resp:	615256
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.6	20.4
183	11.7	9.8	14.6

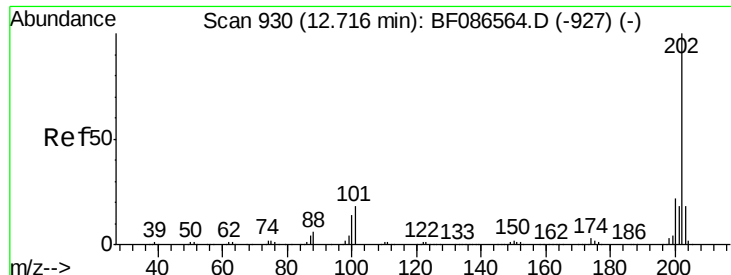


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





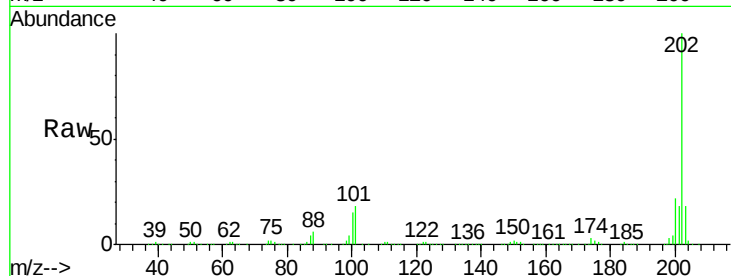
#77
Pvrene
Concen: 39.75 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

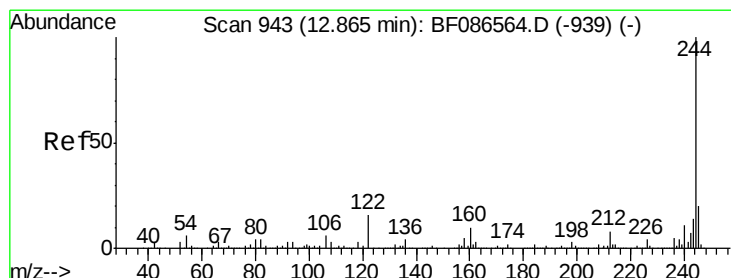
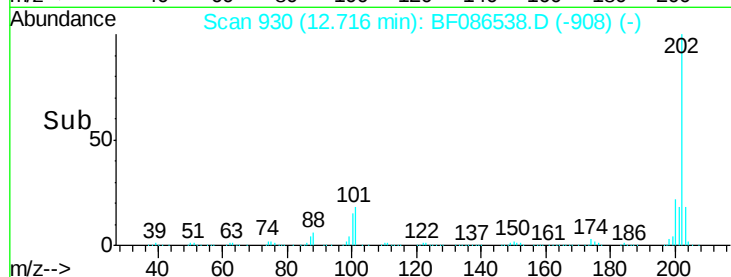
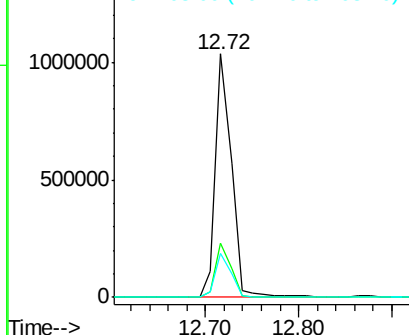
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.1	14.2	21.4

Manual Integrations
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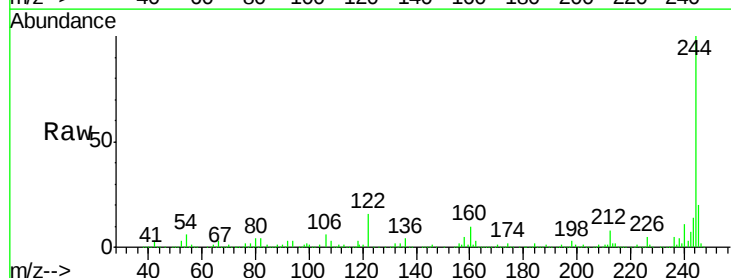


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

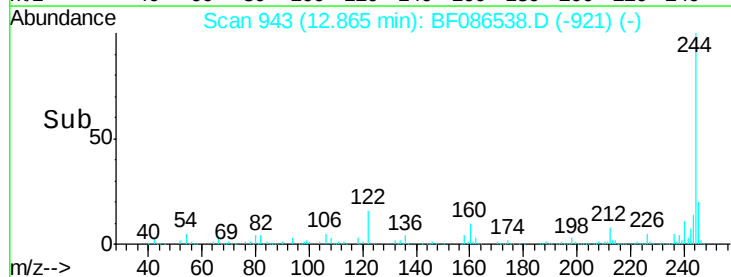
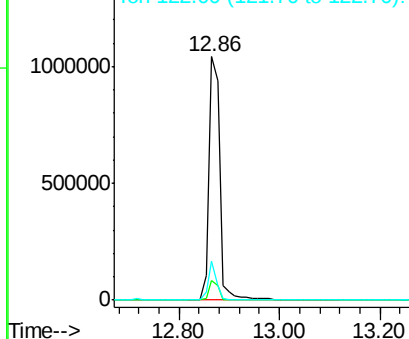


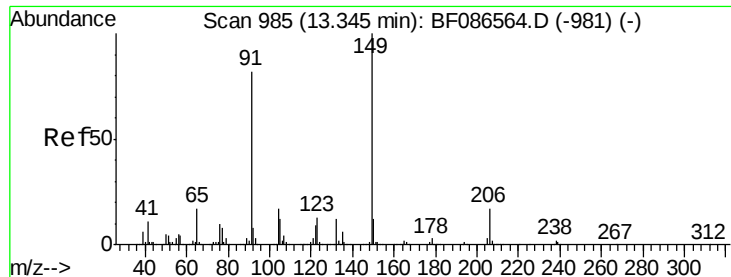
#78
Terphenyl-d14
Concen: 80.45 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	15.7	12.0	18.0



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





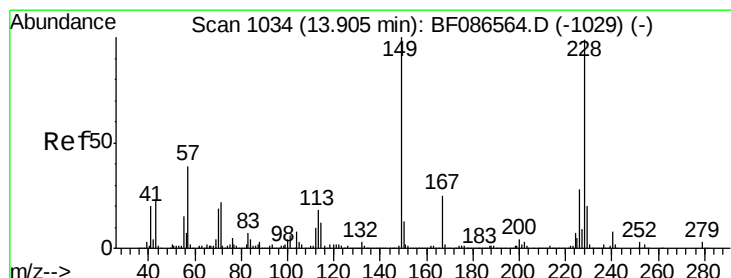
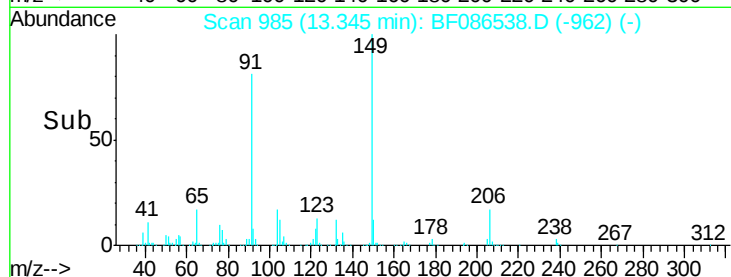
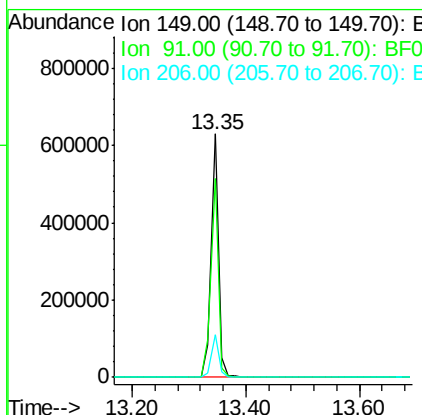
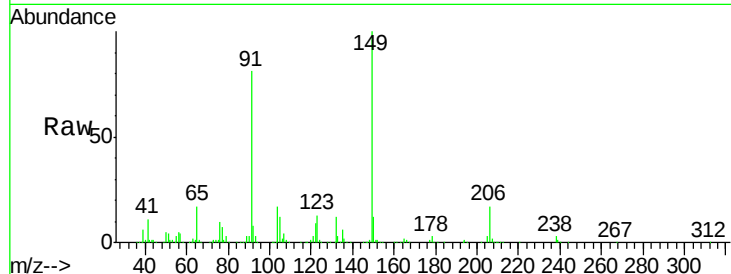
#79
Butylbenzylphthalate
Concen: 40.35 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	540849		
91	81.4	48.0	72.0#	
206	17.4	15.8	23.6	

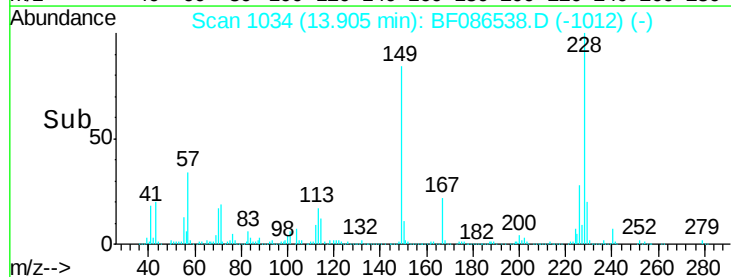
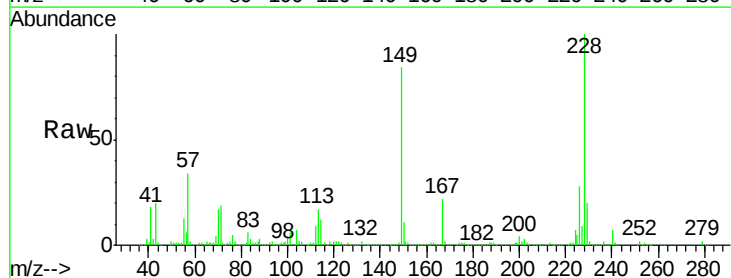
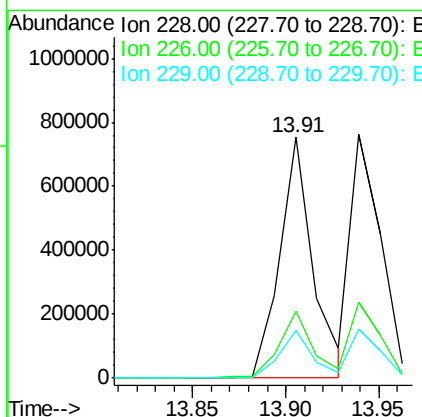
Manual Integrations
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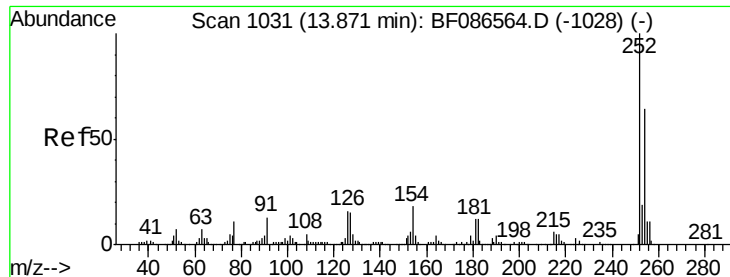
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#80
Benzo(a)anthracene
Concen: 40.73 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	932897		
226	27.6	22.5	33.7	
229	20.1	16.6	25.0	





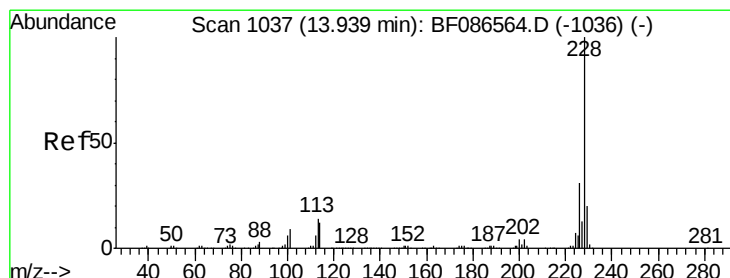
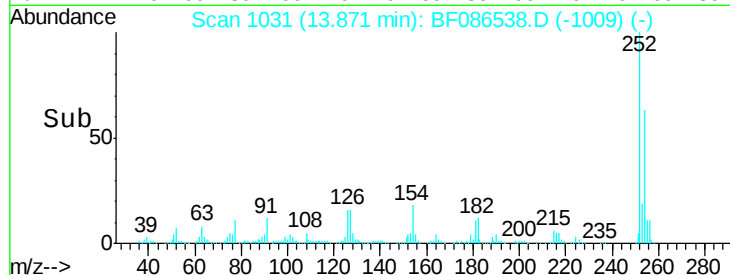
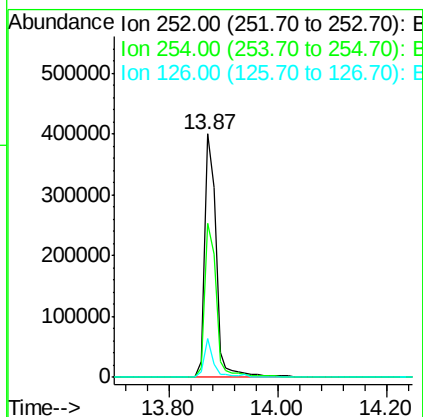
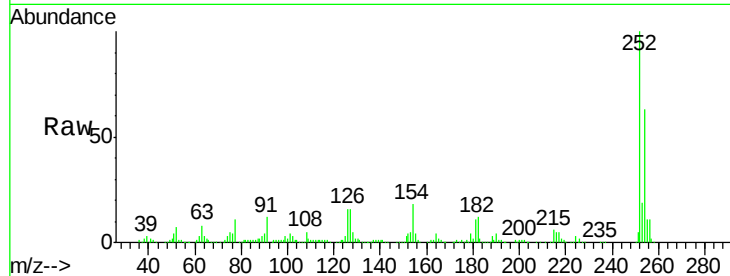
#81
 3,3'-Dichlorobenzidine
 Concen: 38.29 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	586208		
254	63.3		50.7	76.1
126	15.8		12.7	19.1

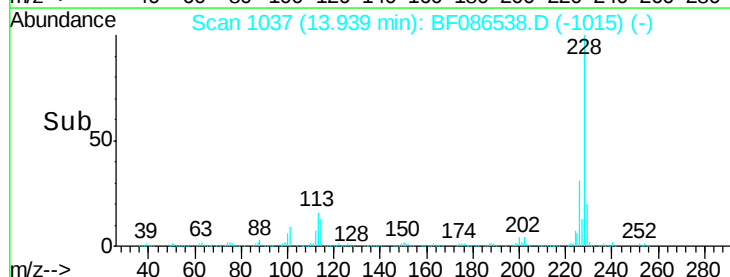
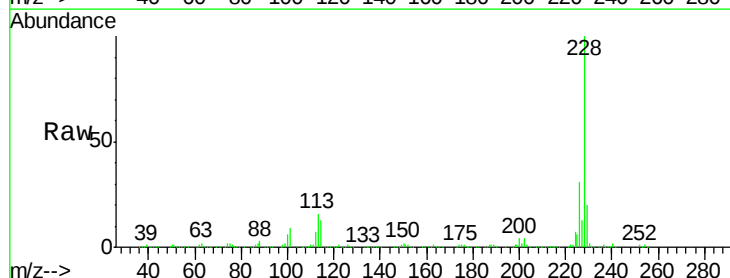
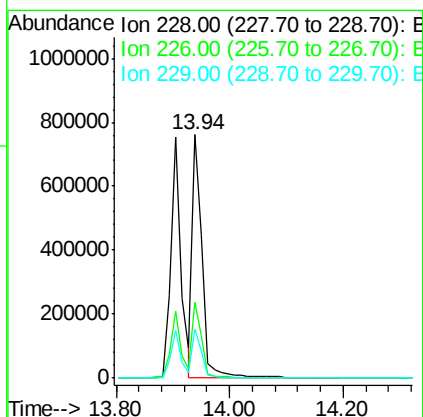
Manual Integrations
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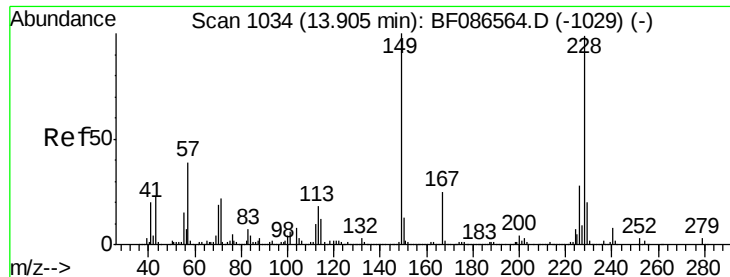
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#82
 Chrysene
 Concen: 37.26 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	927427		
226	31.4		24.4	36.6
229	20.0		15.8	23.8





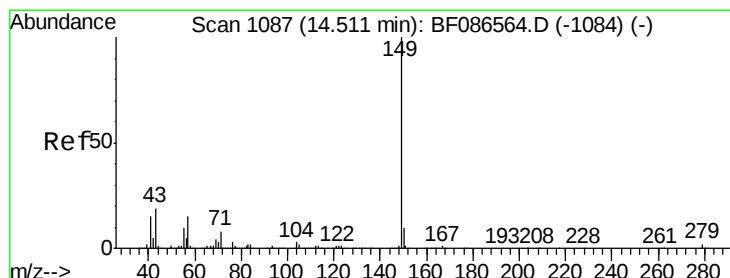
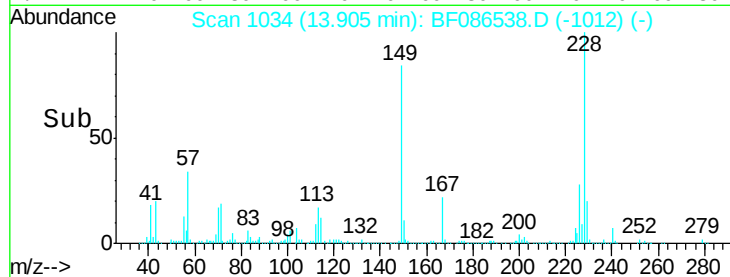
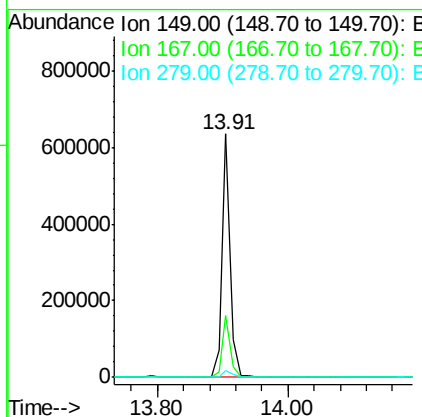
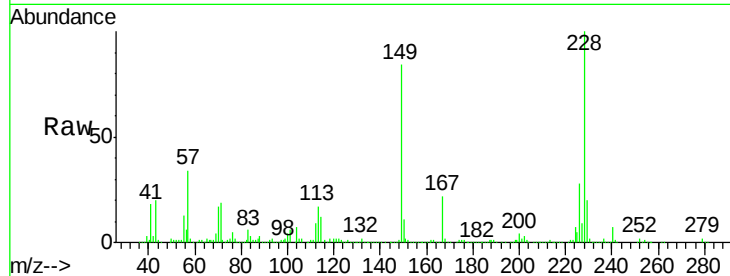
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.91 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	564179		
167	25.5	21.8	32.6	
279	2.7	2.6	4.0	

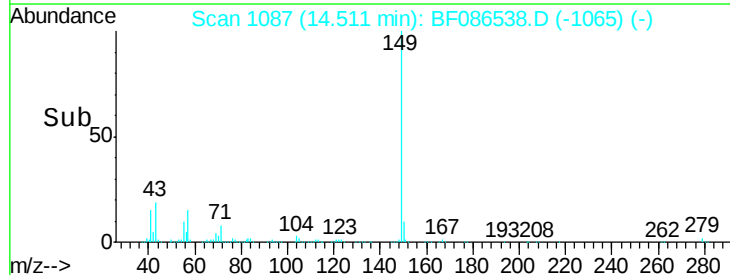
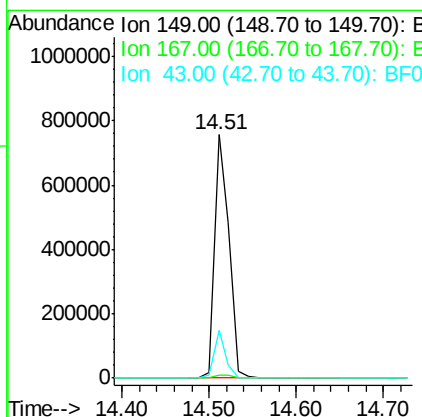
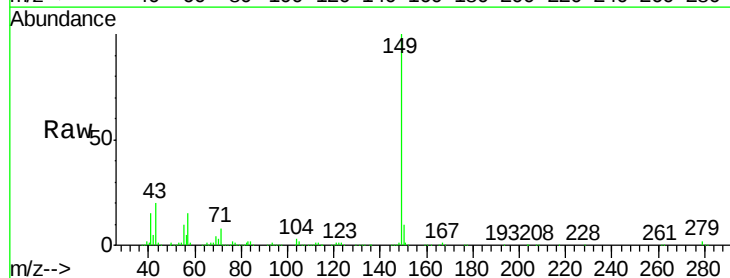
Manual Integrations
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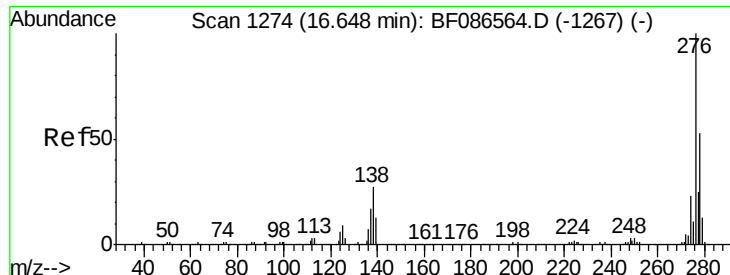
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#84
 Di-n-octyl phthalate
 Concen: 34.00 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	886010		
167	1.5	1.2	1.8	
43	15.7	8.2	12.4	





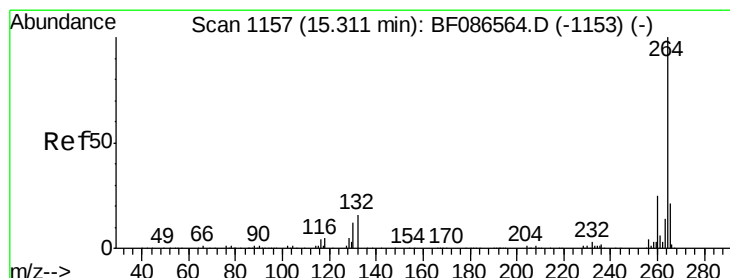
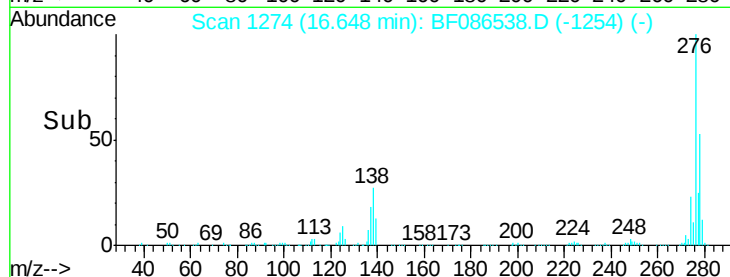
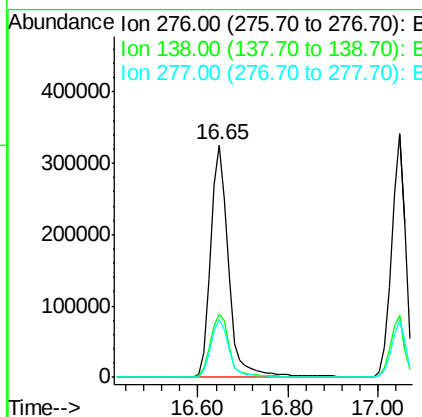
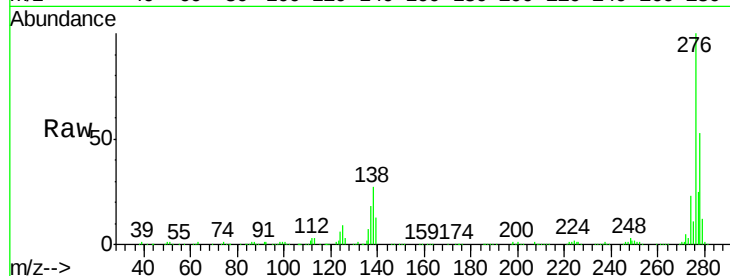
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.45 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	912126
Ion Ratio	Lower	Upper	
276	100		
138	28.9	25.6	38.4
277	25.3	20.5	30.7

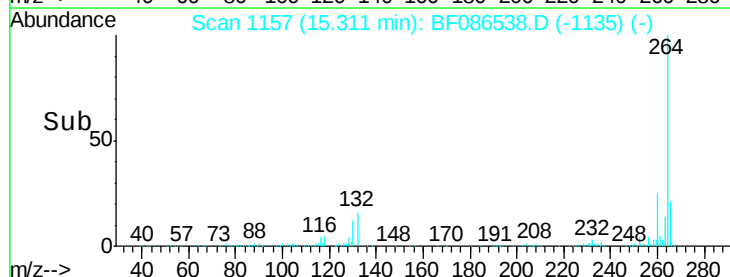
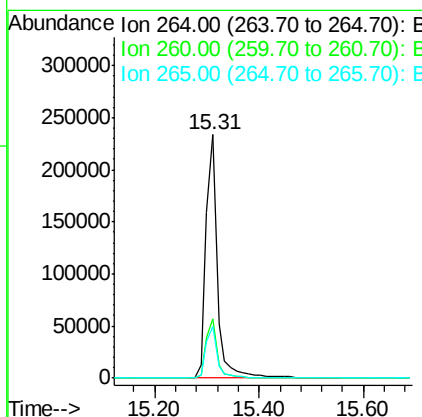
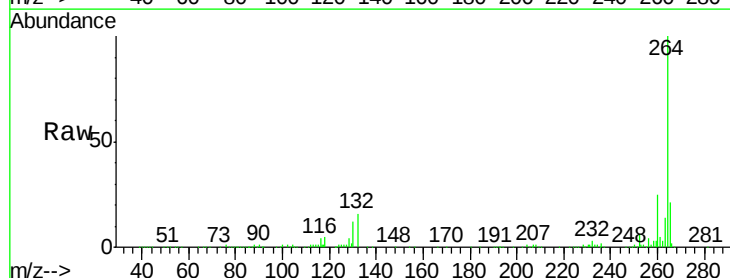
Manual Integrations
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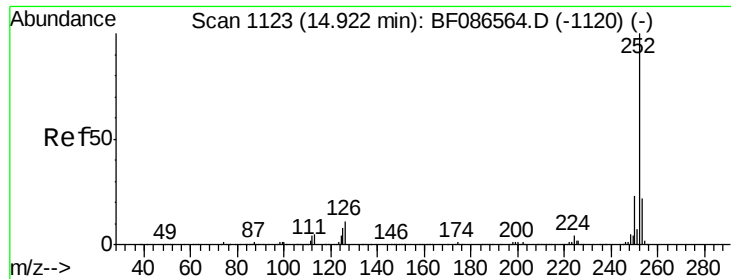
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:	264	Resp:	356205
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.15 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

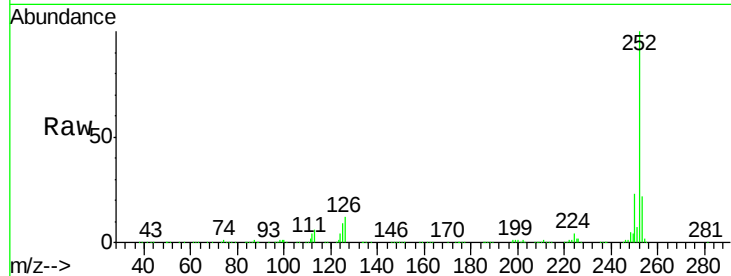
ClientSampleId :

SSTDCCC040

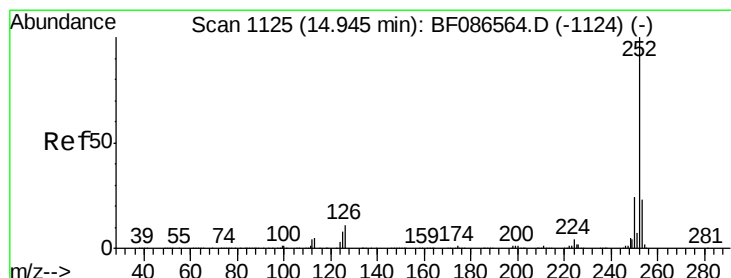
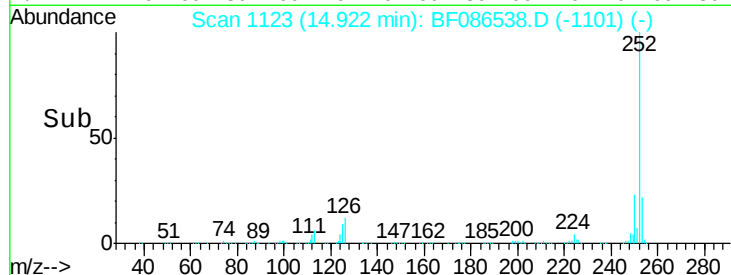
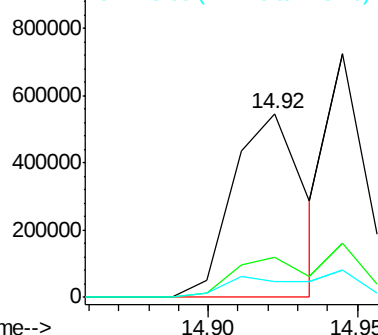
Tot Ion:	252	Resp:	904131
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.7	11.4	17.0

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



#88

Benzo(k)fluoranthene

Concen: 33.80 ng m

RT: 14.95 min Scan# 1125

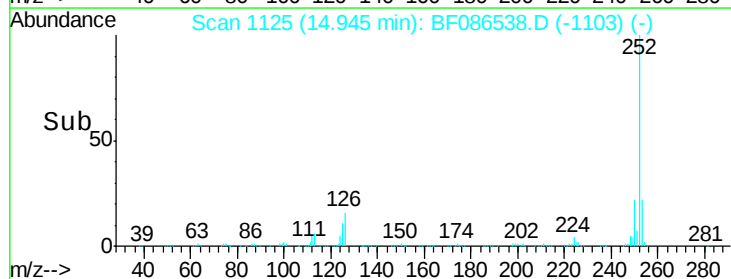
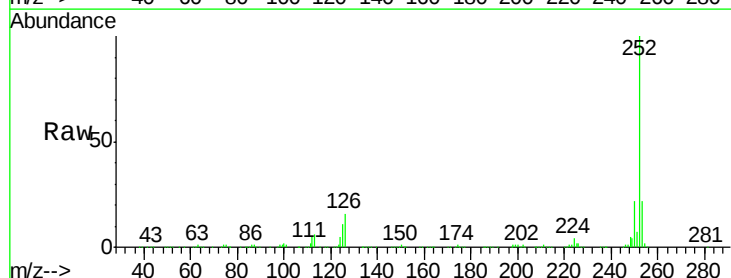
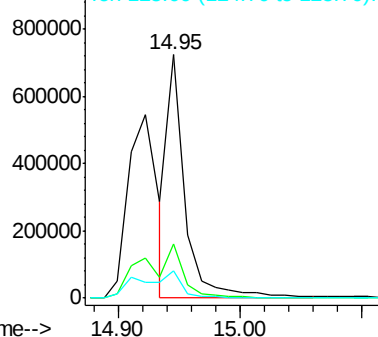
Delta R.T. -0.05 min

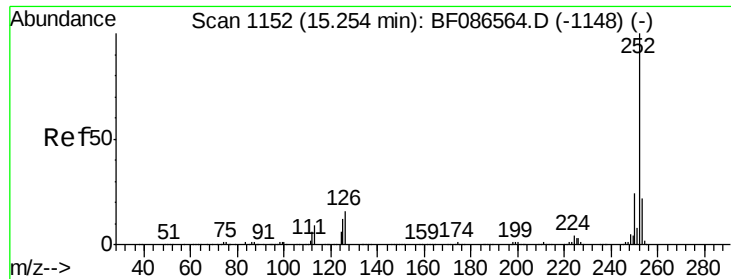
Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:	252	Resp:	738702
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	11.0	9.1	13.7

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





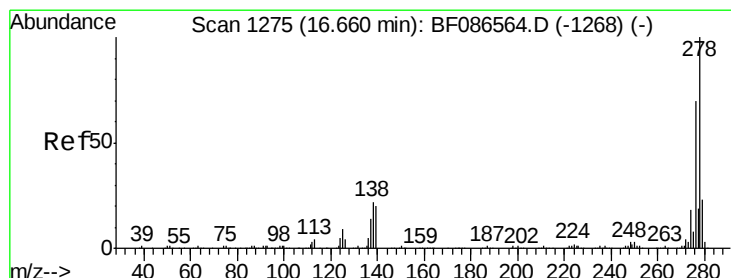
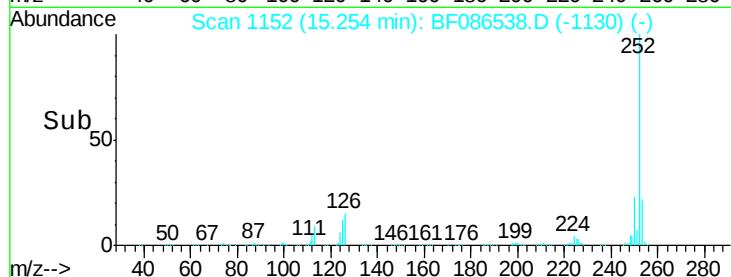
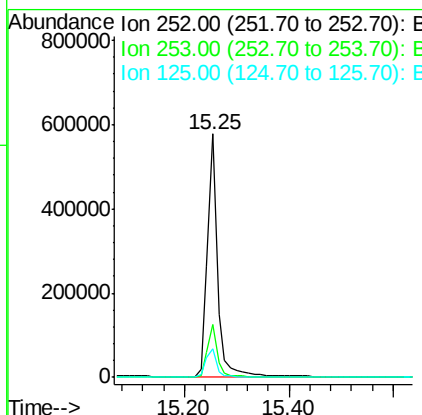
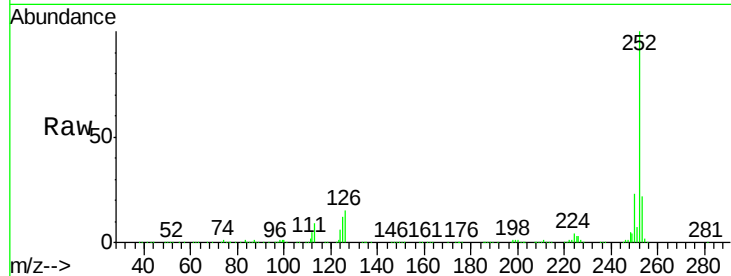
#89
Benzo(a)pyrene
Concen: 39.56 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.6	9.0	13.6

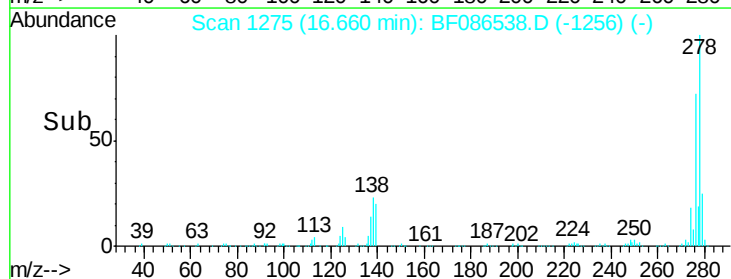
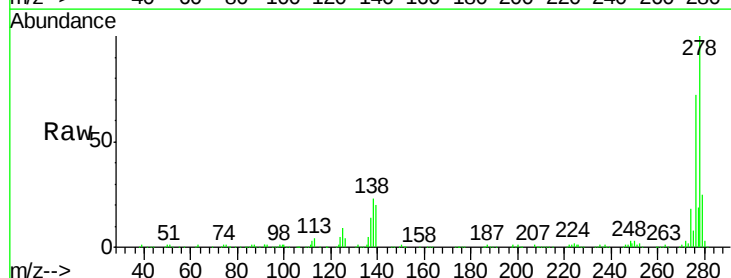
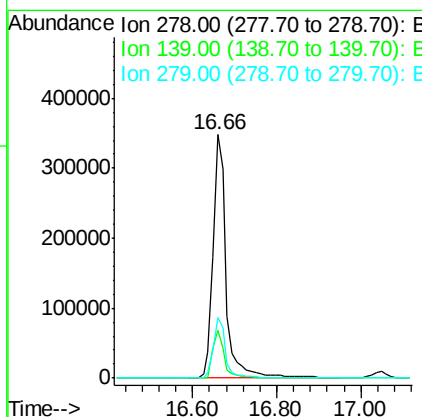
Manual Integrations
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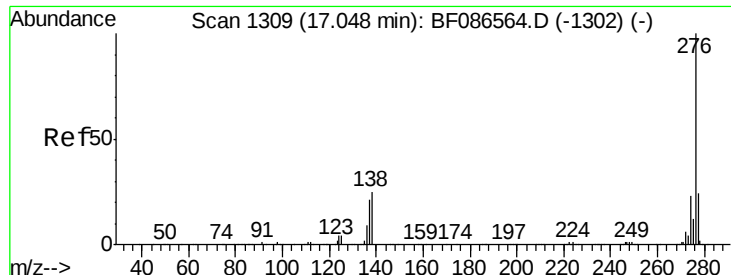
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#90
Dibenzo(a,h)anthracene
Concen: 46.78 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.08 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.6	24.8
279	24.7	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.80 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	775484
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.6	29.4
138	25.4	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/2/2016 7:54:17 PM

