

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087386.D
 Acq On : 25 May 2016 23:37
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/26/2016 6:37:53 PM

Quant Time: May 26 00:18:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	150683	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	604056	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	246114	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	407194	20.00	ng	0.00
75) Chrysene-d12	18.47	240	350364	20.00	ng	-0.01
86) Perylene-d12	20.14	264	260423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	777446	90.66	ng	0.00
7) Phenol-d6	7.07	99	982866	84.82	ng	0.00
23) Nitrobenzene-d5	8.44	82	1002486	83.64	ng	0.00
41) 2,4,6-Tribromophenol	13.68	330	176585	74.66	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1415207	81.07	ng	0.00
78) Terphenyl-d14	17.13	244	1162186	70.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	166595	36.82	ng	# 71
3) Pyridine	2.41	79	402443	40.68	ng	# 67
4) n-Nitrosodimethylamine	2.38	42	342730	44.97	ng	# 45
6) Aniline	7.03	93	616929	41.16	ng	92
8) 2-Chlorophenol	7.20	128	438205	40.98	ng	87
9) Benzaldehyde	6.83	77	269129	42.07	ng	97
10) Phenol	7.10	94	513038	40.55	ng	85
11) bis(2-Chloroethyl)ether	7.16	93	410912	40.12	ng	85
12) 1,3-Dichlorobenzene	7.42	146	465668m	39.92	ng	
13) 1,4-Dichlorobenzene	7.55	146	481557	40.21	ng	96
14) 1,2-Dichlorobenzene	7.78	146	433570	39.14	ng	97
15) Benzyl Alcohol	7.82	79	373200	44.18	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.01	45	899522	39.04	ng	85
17) 2-Methylphenol	8.03	107	349635	40.80	ng	# 86
18) Hexachloroethane	8.30	117	133418	29.87	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	344590	39.88	ng	# 71
20) 3+4-Methylphenols	8.30	107	458258	44.23	ng	# 60
22) Acetophenone	8.22	105	615111	42.62	ng	# 97
24) Nitrobenzene	8.47	77	520637	41.15	ng	96
25) Isophorone	8.87	82	871163	40.53	ng	# 98
26) 2-Nitrophenol	8.97	139	188134	36.38	ng	# 68
27) 2,4-Dimethylphenol	9.12	122	373161	41.57	ng	87
28) bis(2-Chloroethoxy)methane	9.24	93	481673	39.78	ng	# 98
29) 2,4-Dichlorophenol	9.39	162	331768	41.01	ng	97
30) 1,2,4-Trichlorobenzene	9.48	180	369054	39.85	ng	99
31) Naphthalene	9.59	128	1170186	38.66	ng	99
32) Benzoic acid	9.43	122	167023m	37.57	ng	
33) 4-Chloroaniline	9.72	127	441250	39.58	ng	# 88
34) Hexachlorobutadiene	9.80	225	213959	38.00	ng	99
35) Caprolactam	10.38	113	101728	43.08	ng	# 55
36) 4-Chloro-3-methylphenol	10.59	107	370235	40.48	ng	95
37) 2-Methylnaphthalene	10.71	142	717621	37.95	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	323815	41.10	ng	99
40) Hexachlorocyclopentadiene	10.96	237	2535	10.15	ng	84

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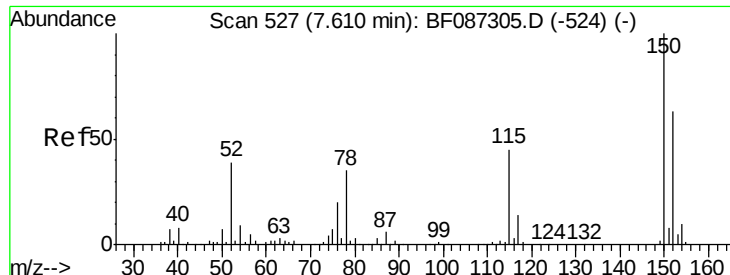
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	204056	44.87	nq	94
43) 2,4,5-Trichlorophenol	11.29	196	202285	43.68	nq #	92
45) 1,1'-Biphenyl	11.48	154	866381	41.81	nq	97
46) 2-Chloronaphthalene	11.50	162	640475	40.40	nq	93
47) 2-Nitroaniline	11.71	65	273227	47.84	nq #	80
48) Acenaphthylene	12.15	152	1014201	40.41	nq	99
49) Dimethylphthalate	12.03	163	833518	42.28	nq	100
50) 2,6-Dinitrotoluene	12.13	165	151157	38.05	nq #	77
51) Acenaphthene	12.43	154	602329	39.05	nq	98
52) 3-Nitroaniline	12.39	138	180679	44.31	nq #	77
53) 2,4-Dinitrophenol	12.62	184	9832	10.99	nq #	83
54) Dibenzofuran	12.72	168	797809	38.20	nq	95
55) 4-Nitrophenol	12.78	139	87464	44.97	nq #	53
56) 2,4-Dinitrotoluene	12.79	165	192306	36.22	nq	91
57) Fluorene	13.27	166	689385	38.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.96	232	136090	38.20	nq	97
59) Diethylphthalate	13.19	149	784435	40.92	nq	96
60) 4-Chlorophenyl-phenylether	13.30	204	335172	37.95	nq	95
61) 4-Nitroaniline	13.39	138	168259	44.22	nq #	71
62) Azobenzene	13.55	77	782362	39.34	nq	84
64) 4,6-Dinitro-2-methylphenol	13.45	198	22054	8.52	nq #	56
65) n-Nitrosodiphenylamine	13.52	169	583785	44.33	nq	99
66) 4-Bromophenyl-phenylether	14.09	248	184502	41.42	nq	91
67) Hexachlorobenzene	14.16	284	187461	40.24	nq #	82
68) Atrazine	14.43	200	136421	32.50	nq	93
69) Pentachlorophenol	14.51	266	86739	61.46	nq	98
70) Phenanthrene	14.82	178	912420	40.45	nq	99
71) Anthracene	14.90	178	920105	40.38	nq	99
72) Carbazole	15.19	167	788518	40.58	nq	99
73) Di-n-butylphthalate	15.77	149	1019405	40.56	nq #	99
74) Fluoranthene	16.57	202	905366	40.03	nq	97
76) Benzidine	16.81	184	442982	49.14	nq	96
77) Pyrene	16.88	202	934058	37.04	nq	100
79) Butylbenzylphthalate	17.79	149	425573	38.05	nq #	73
80) Benzo(a)anthracene	18.46	228	798540	40.07	nq	99
81) 3,3'-Dichlorobenzidine	18.46	252	537452	48.82	nq #	94
82) Chrysene	18.50	228	788361	39.86	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	606193	37.14	nq #	95
84) Di-n-octyl phthalate	19.31	149	1033198	41.51	nq #	84
85) Indeno(1,2,3-cd)pyrene	21.36	276	539195	34.01	nq	93
87) Benzo(b)fluoranthene	19.73	252	712580	42.96	nq	99
88) Benzo(k)fluoranthene	19.76	252	546088m	38.25	nq	
89) Benzo(a)pyrene	20.08	252	555464	38.72	nq	99
90) Dibenzo(a,h)anthracene	21.37	278	455993	37.26	nq #	91
91) Benzo(g,h,i)perylene	21.71	276	426892	35.36	nq #	90

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



#1

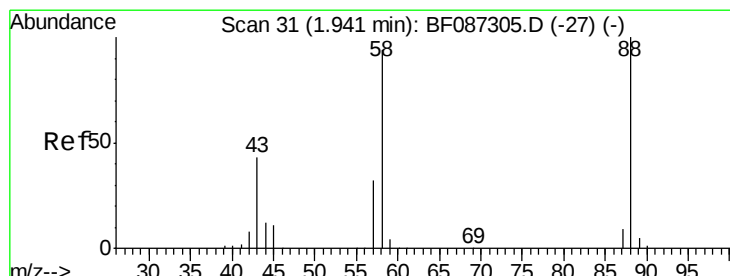
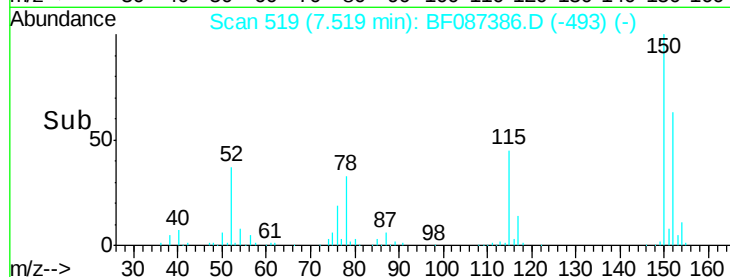
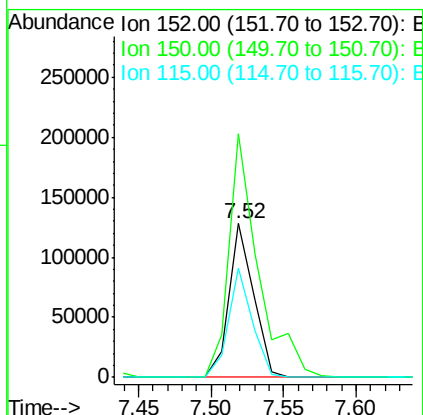
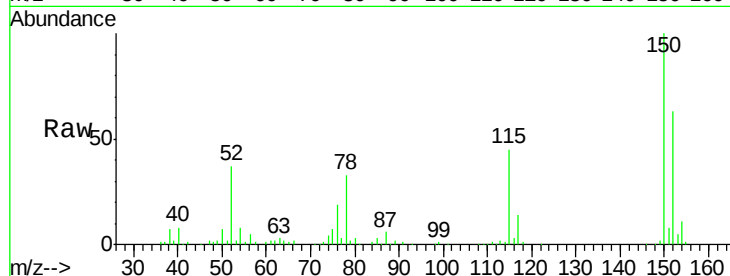
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	70.8	51.5	77.3

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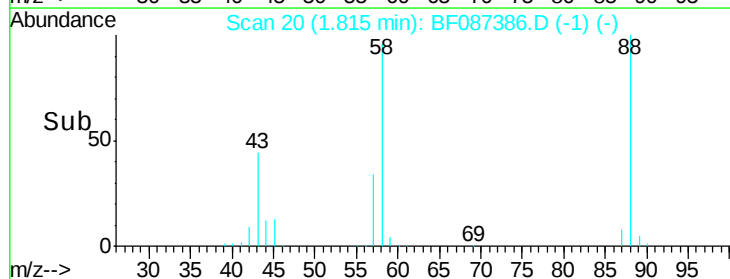
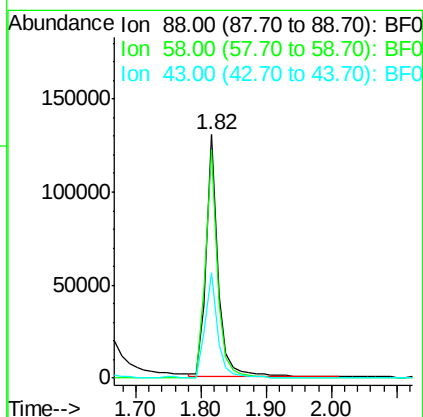
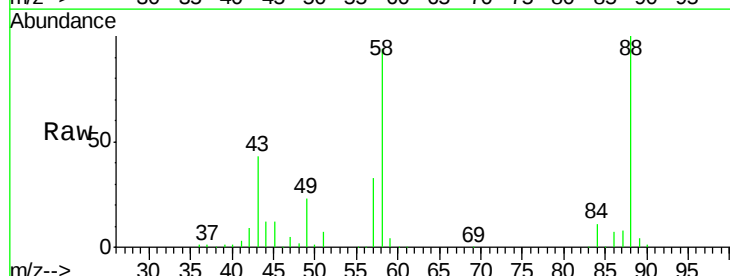
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#2

1,4-Dioxane
Concen: 36.82 ng
RT: 1.82 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	59.6	89.4#
43	47.7	21.8	32.6#





#3

Pvridine

Concen: 40.68 ng

RT: 2.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

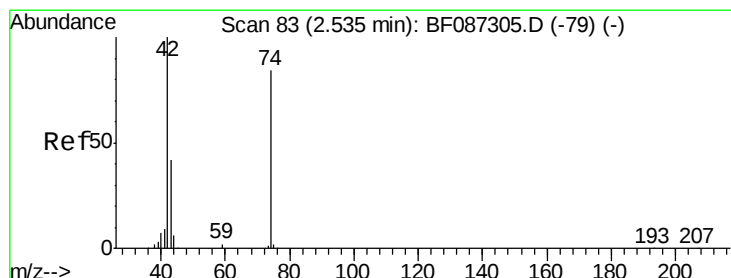
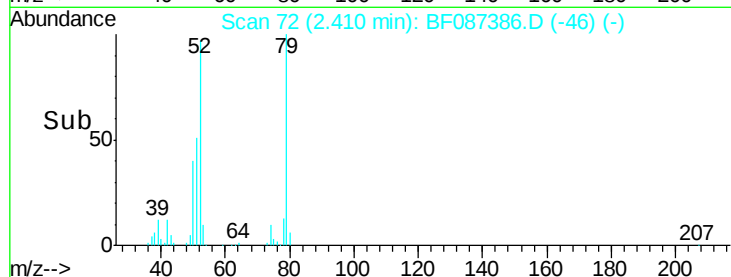
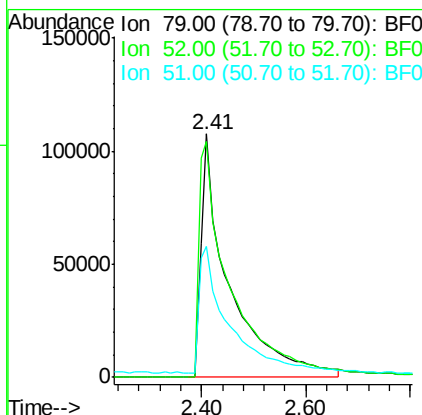
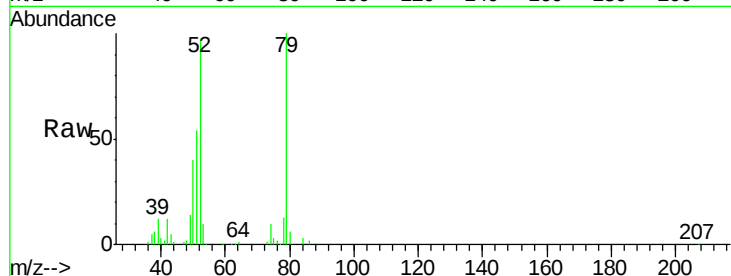
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	402443
Ion Ratio	Lower	Upper	
79	100		
52	97.2	55.9	83.9#
51	53.7	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 44.97 ng

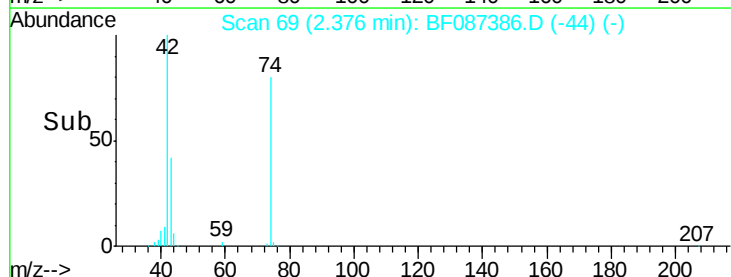
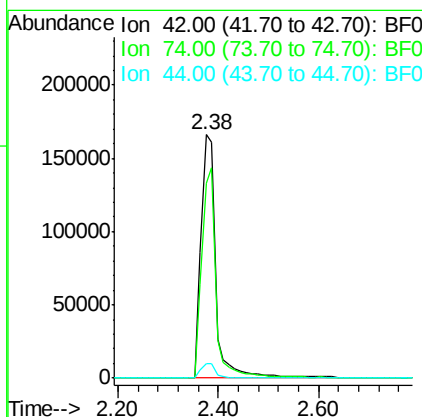
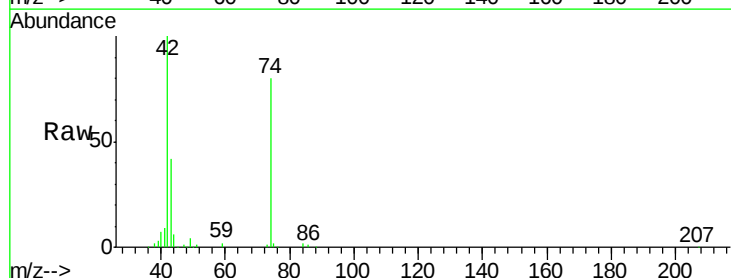
RT: 2.38 min Scan# 69

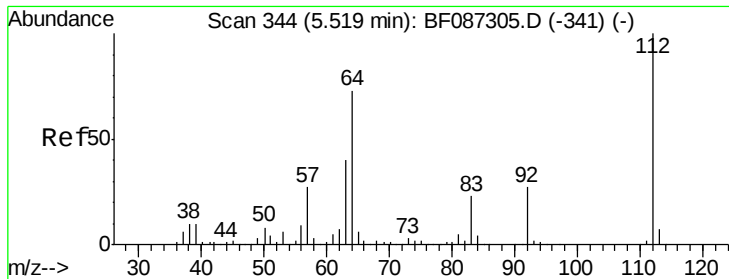
Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	42	Resp:	342730
Ion Ratio	Lower	Upper	
42	100		
74	80.2	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 90.66 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF087386.D

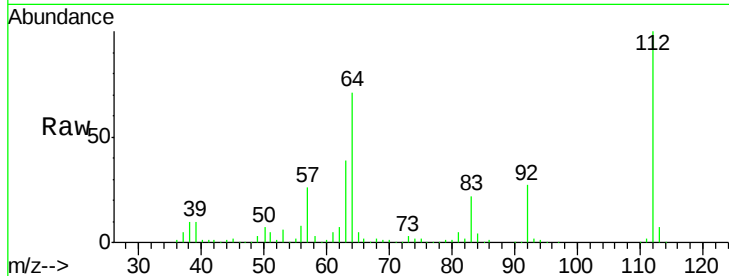
Acq: 25 May 2016 23:37

Instrument :

BNA_F

ClientSampleId :

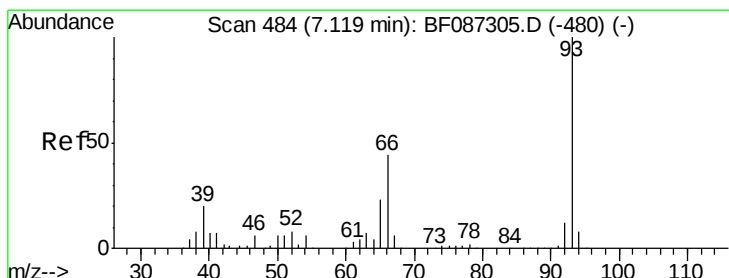
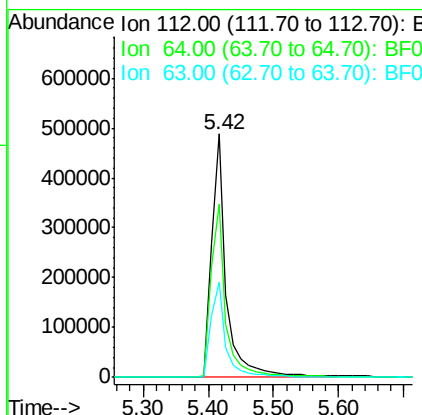
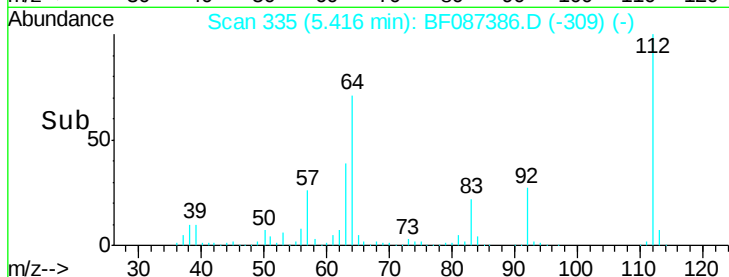
SSTDCCC040



Tot Ion	Ion	Ratio	Resp	Lower	Upper
777446	112	100			
	64	71.1	52.1	78.1	
	63	39.0	25.7	38.5	

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#6

Aniline

Concen: 41.16 ng

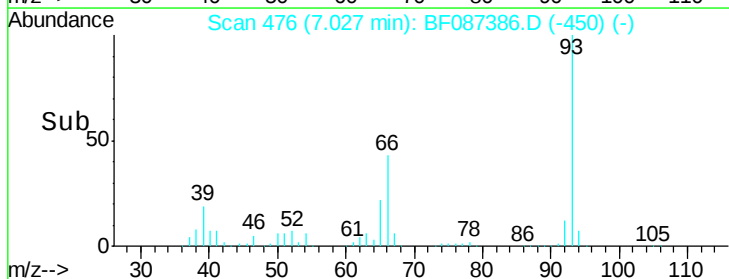
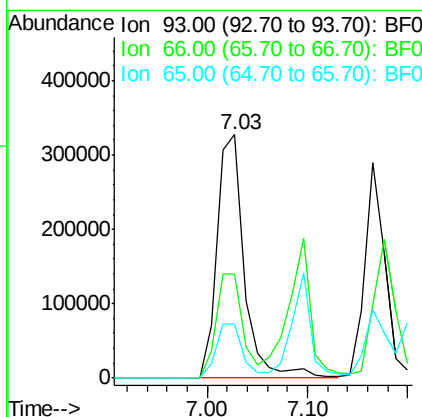
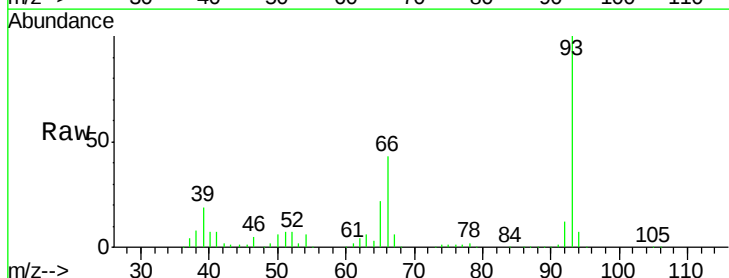
RT: 7.03 min Scan# 476

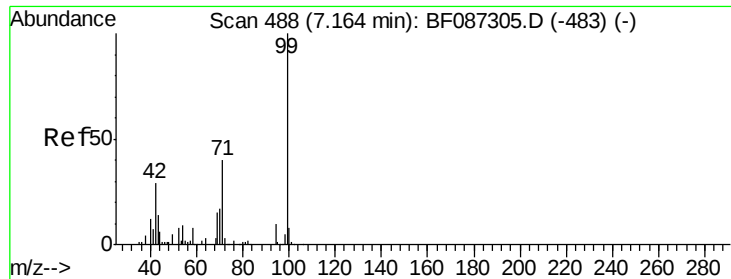
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
616929	93	100			
	66	42.9	39.0	58.6	
	65	22.3	20.6	31.0	





#7

Phenol-d6

Concen: 84.82 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

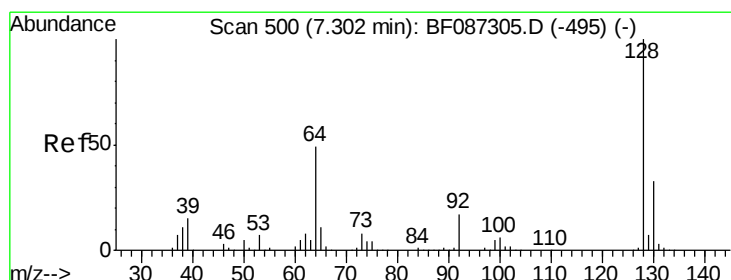
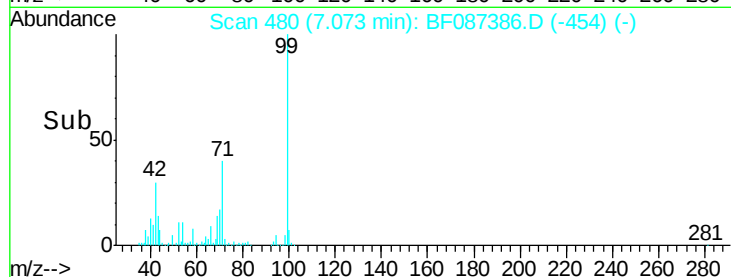
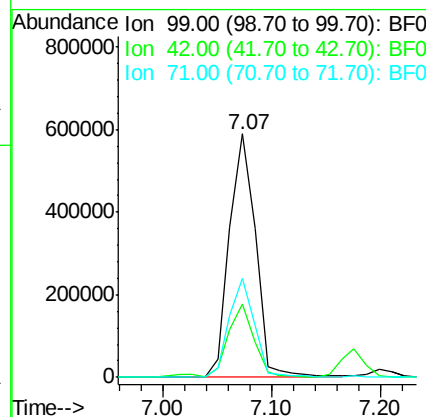
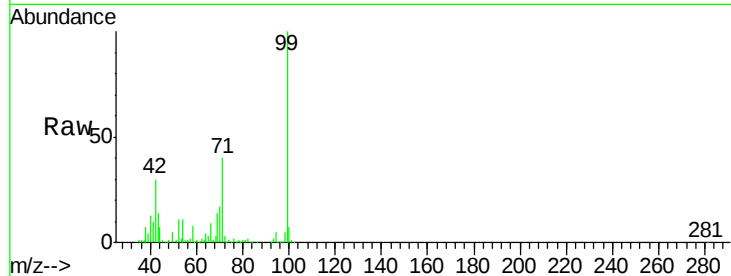
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	982866
Ion Ratio	Lower	Upper	
99	100		
42	30.3	13.6	20.4#
71	40.5	24.6	36.8#

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#8

2-Chlorophenol

Concen: 40.98 ng

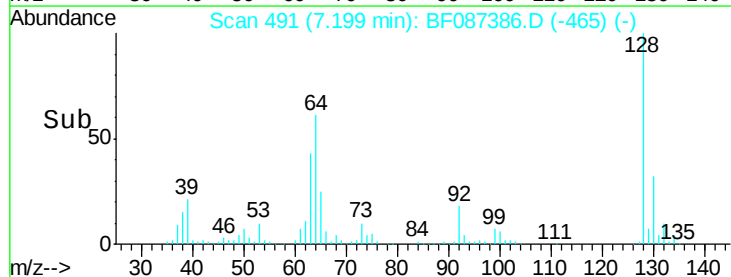
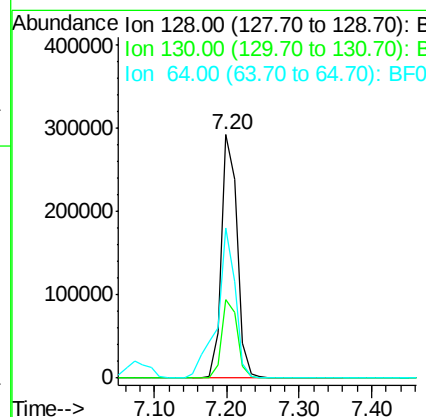
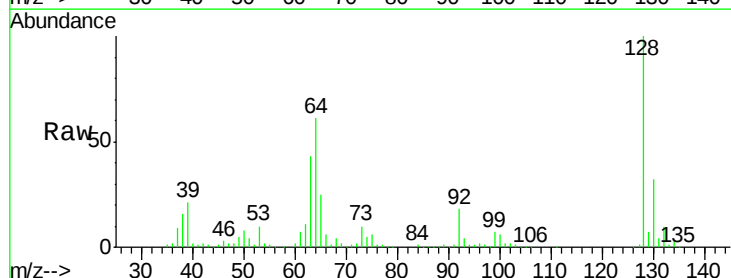
RT: 7.20 min Scan# 491

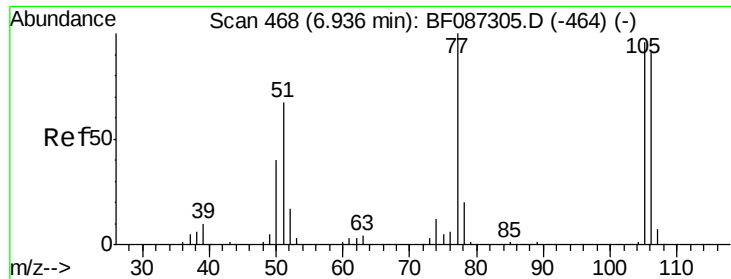
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	128	Resp:	438205
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.5	52.5
64	61.5	27.3	67.3





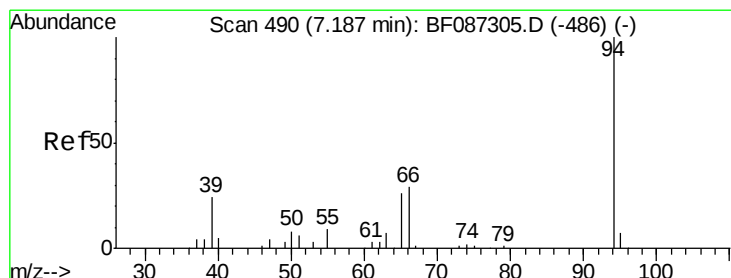
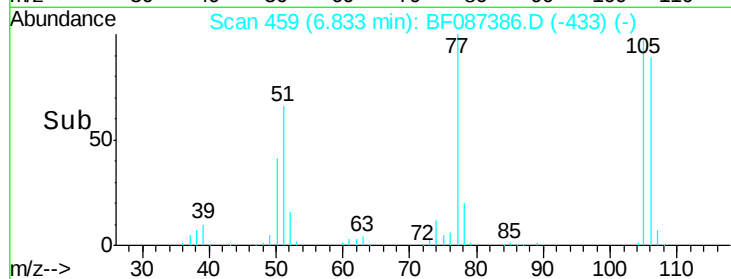
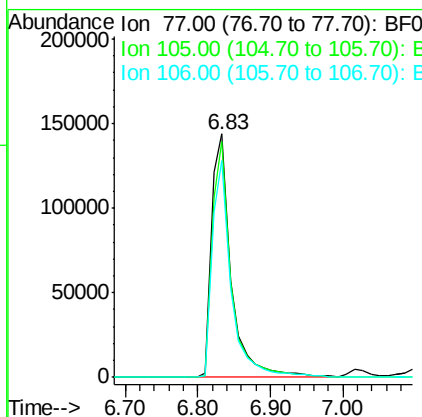
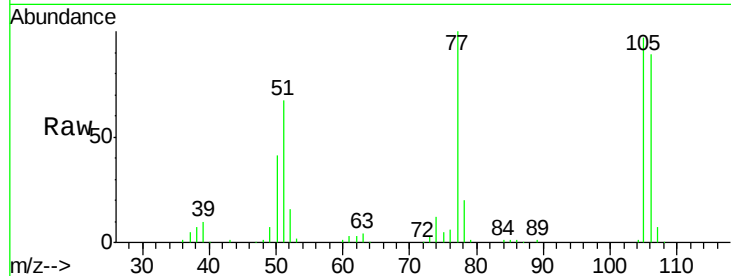
#9
Benzaldehyde
Concen: 42.07 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.9	72.7	112.7
106	89.0	70.8	110.8

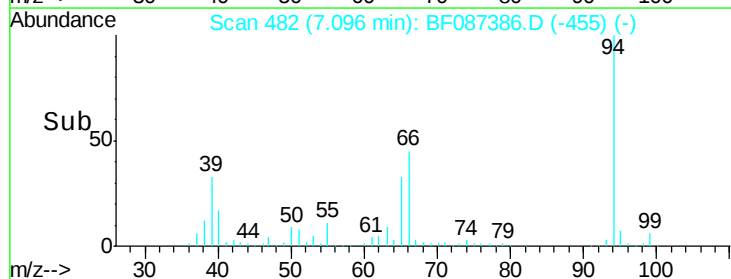
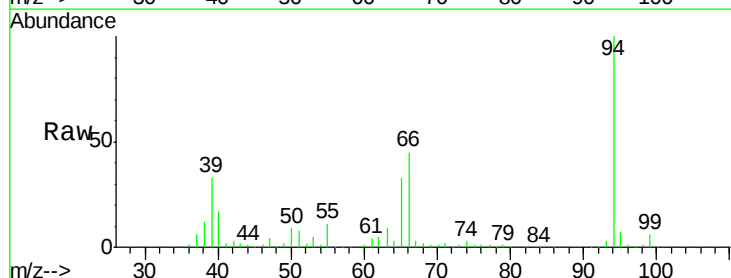
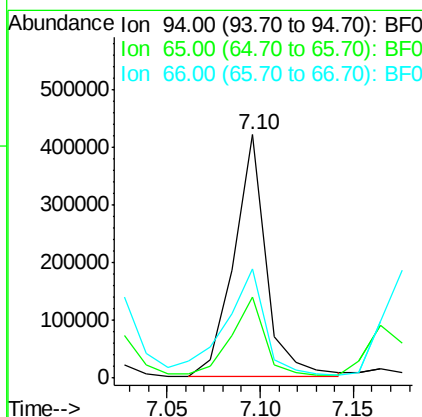
Manual Integrations
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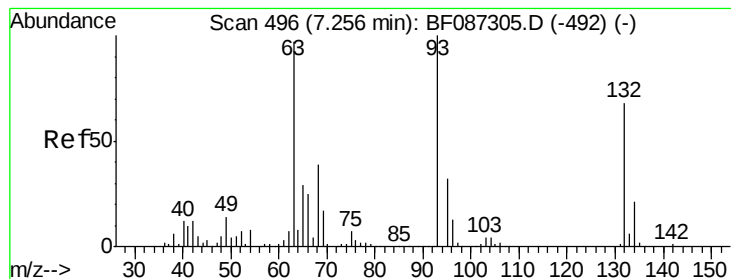
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#10
Phenol
Concen: 40.55 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.2	47.2
66	44.6	14.9	54.9





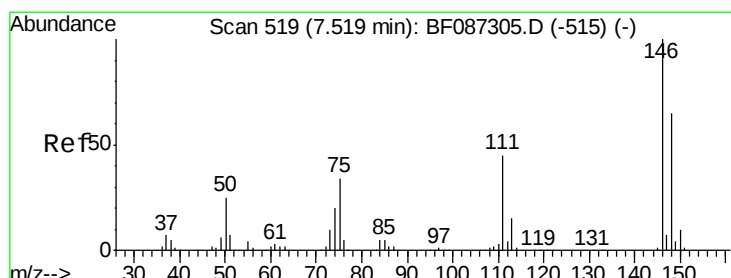
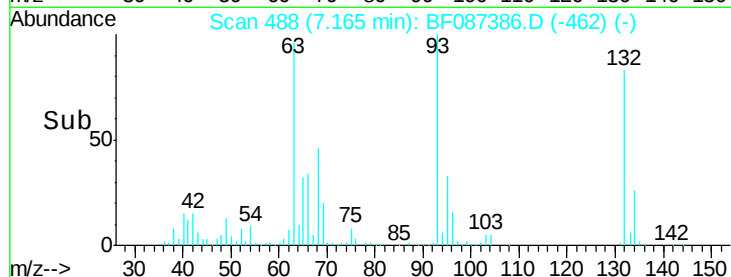
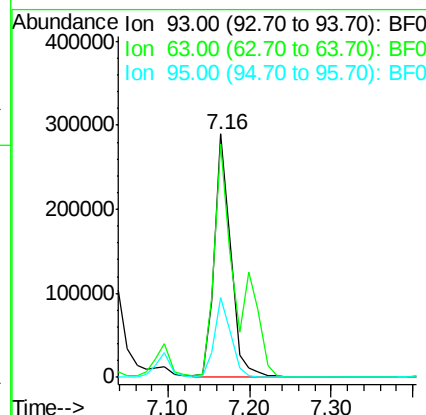
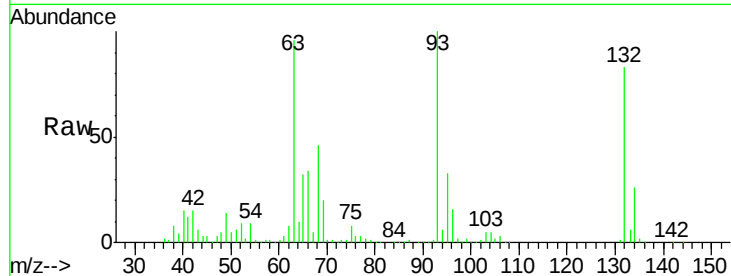
#11
bis(2-Chloroethyl)ether
Concen: 40.12 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	410912		
63	95.7	58.0	98.0	
95	32.7	11.9	51.9	

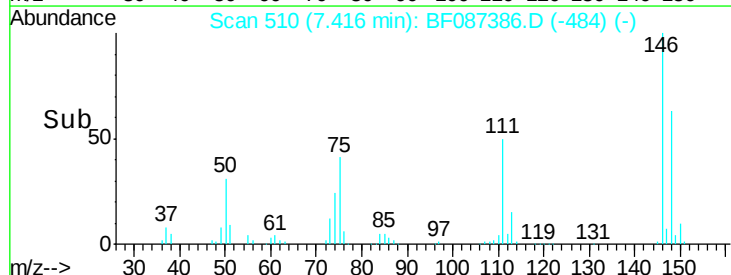
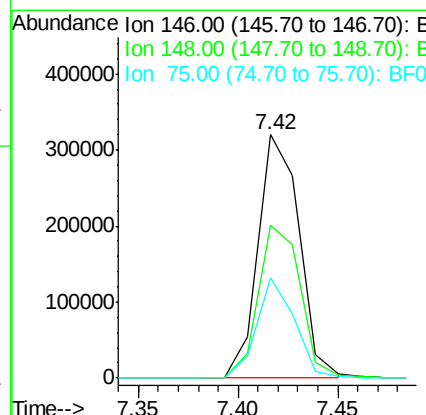
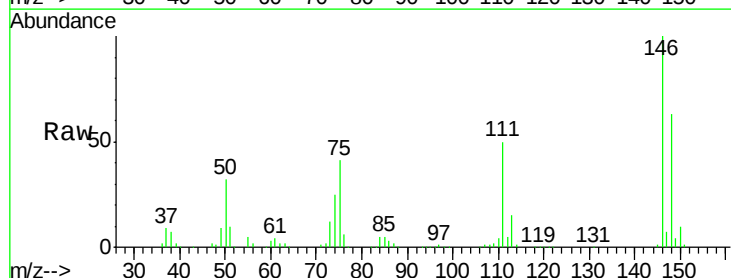
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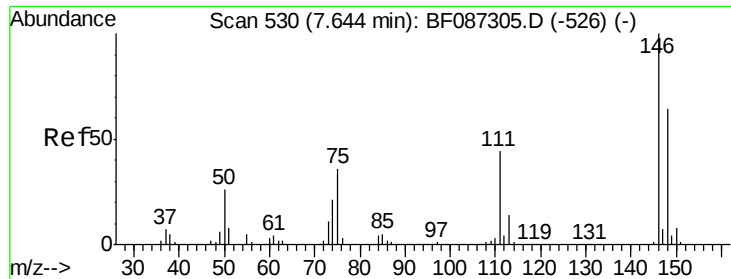
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#12
1,3-Dichlorobenzene
Concen: 39.92 ng m
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	465668		
148	62.6	52.4	78.6	
75	41.2	22.8	34.2	





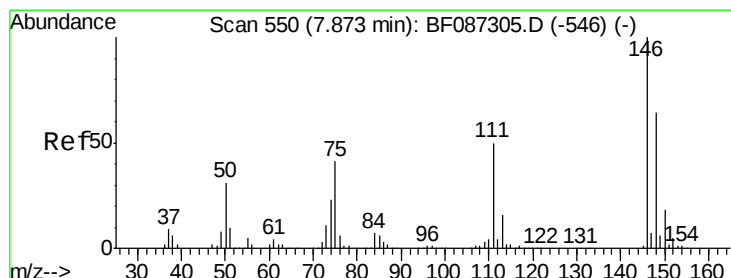
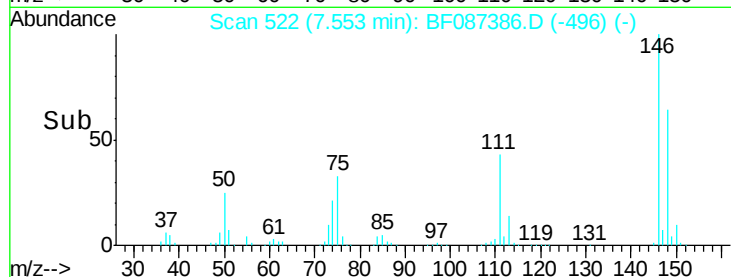
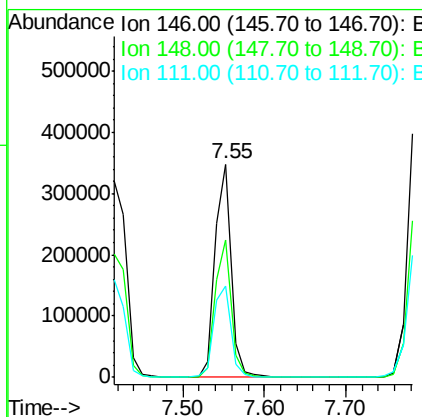
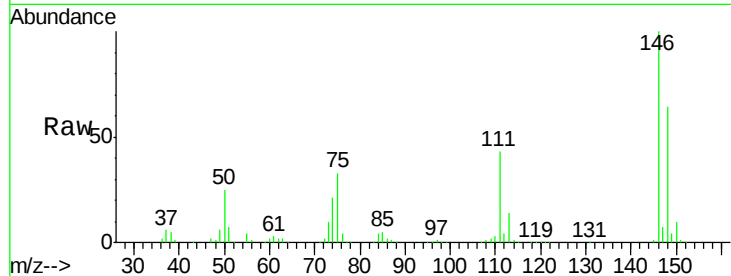
#13
 1,4-Dichlorobenzene
 Concen: 40.21 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
481557	146	100			
	148	64.3	52.2	78.4	
	111	43.1	30.7	46.1	

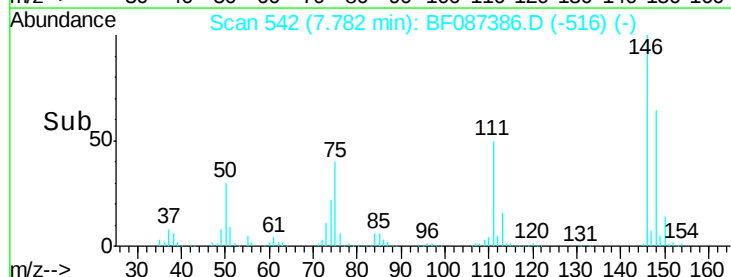
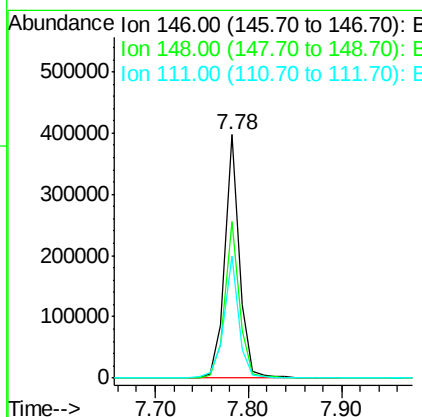
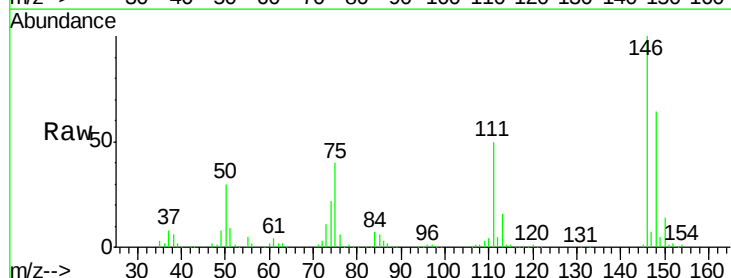
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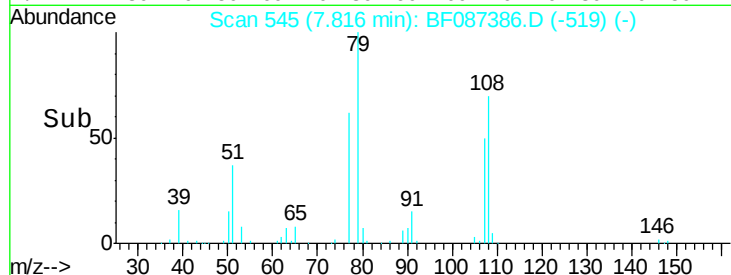
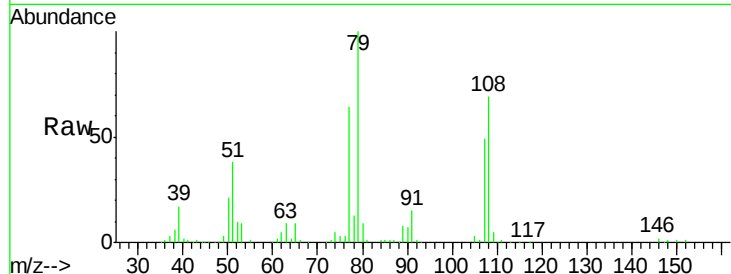
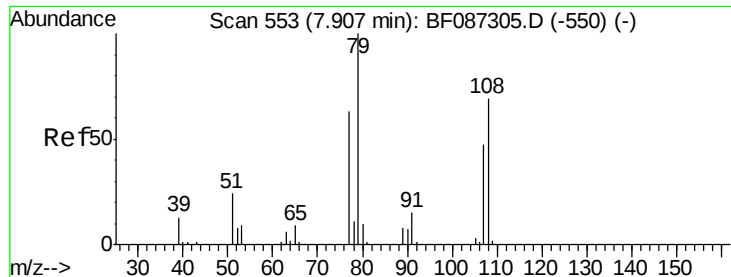
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#14
 1,2-Dichlorobenzene
 Concen: 39.14 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
433570	146	100			
	148	64.3	51.0	76.6	
	111	50.1	36.2	54.4	





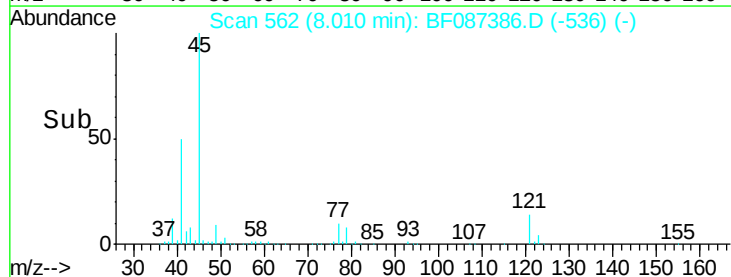
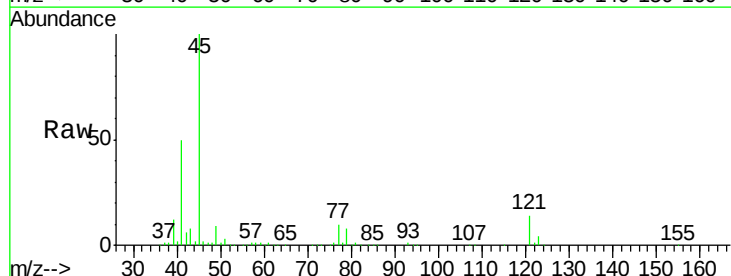
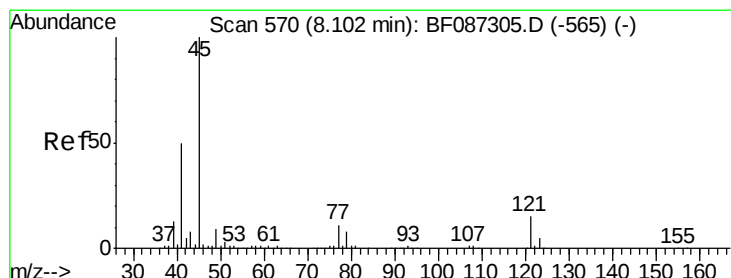
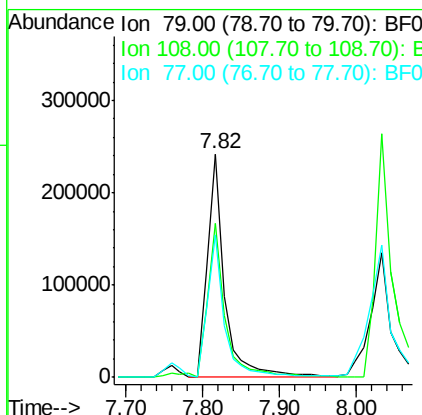
#15
Benzyl Alcohol
Concen: 44.18 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.7	68.4	102.6
77	63.8	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

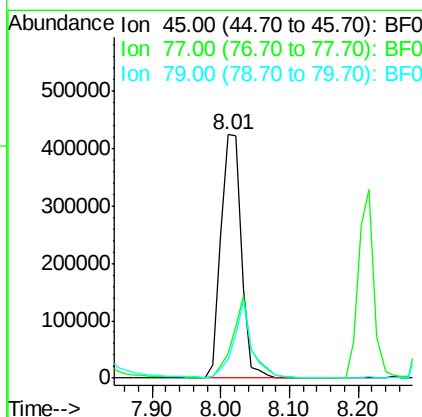
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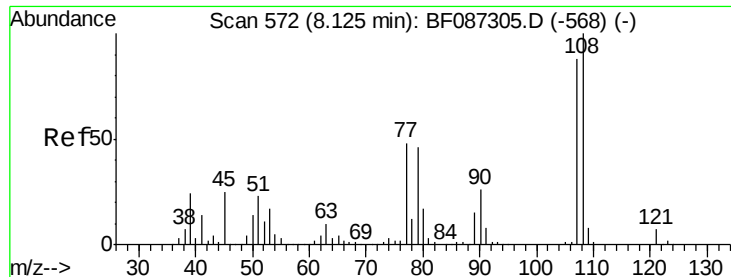
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.04 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	36.4
79	7.5	0.0	33.4





#17

2-Methylphenol

Concen: 40.80 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

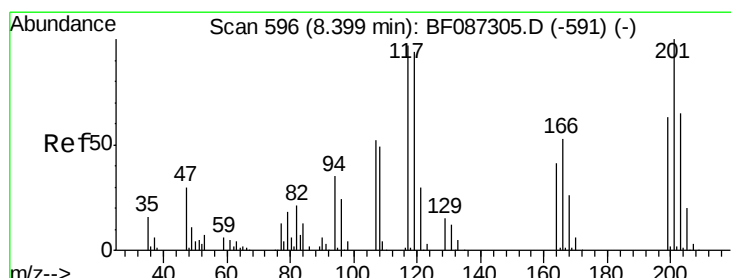
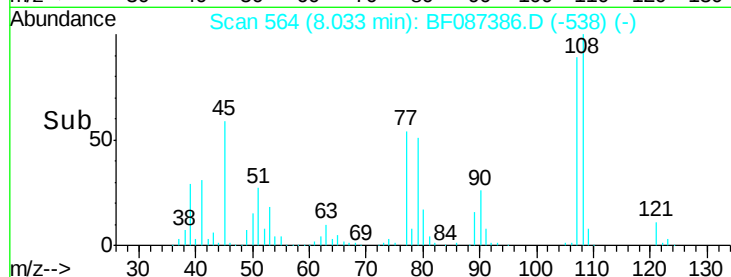
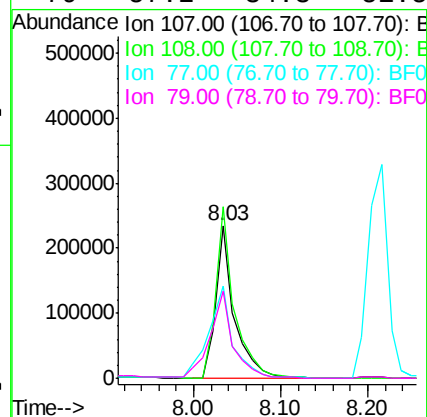
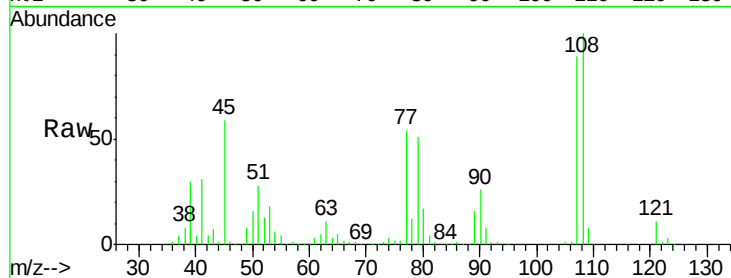
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.7	140.5	
77	60.9	33.4	50.0	
79	57.2	34.3	51.5	

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#18

Hexachloroethane

Concen: 29.87 ng

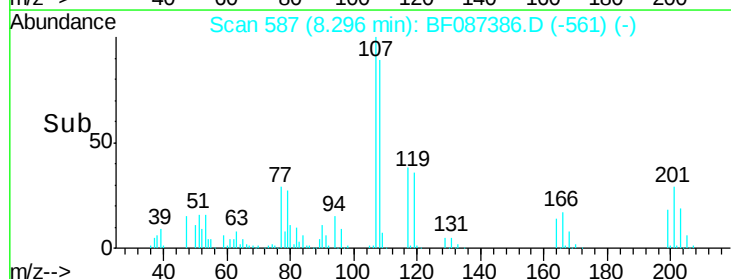
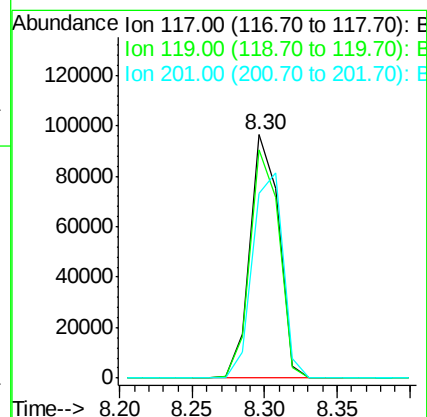
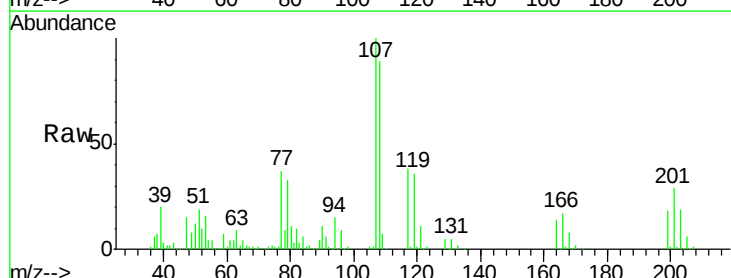
RT: 8.30 min Scan# 587

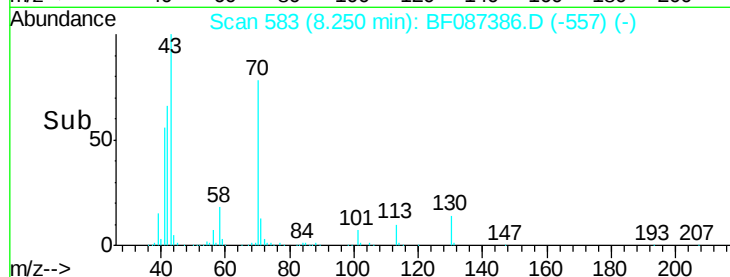
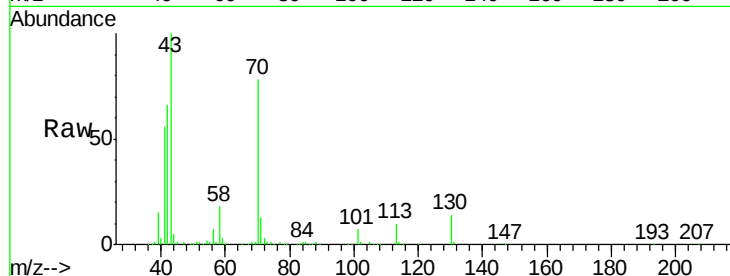
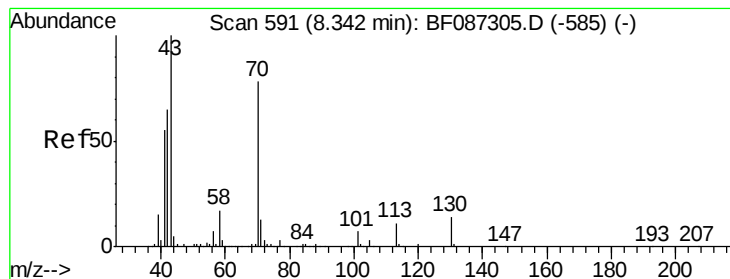
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.5	114.7	
201	75.9	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 39.88 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

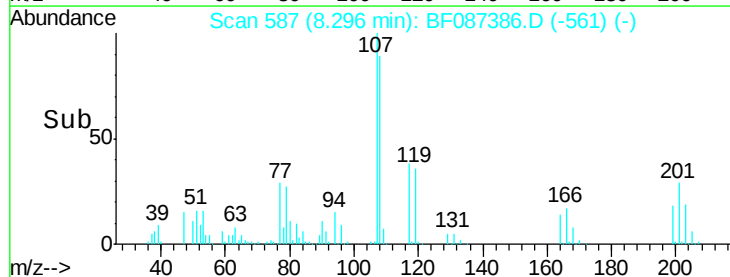
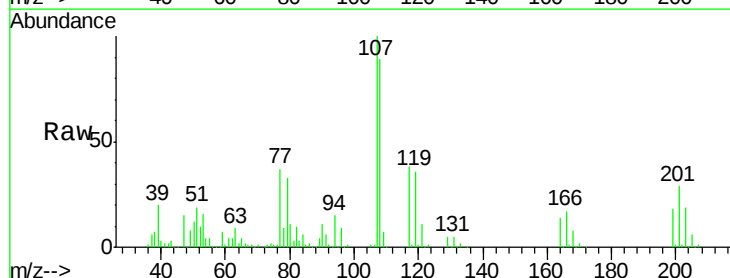
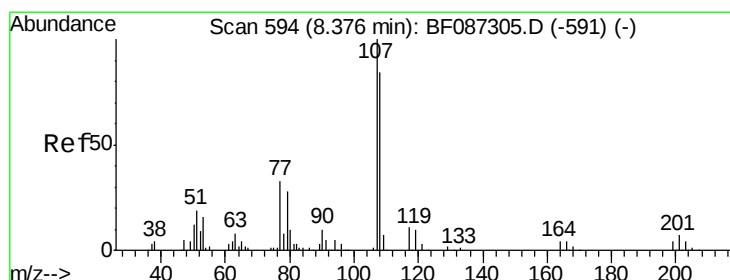
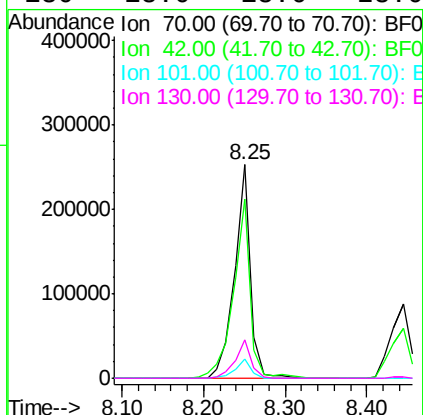
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	84.1	43.1	64.7#	
101	8.9	8.1	12.1	
130	18.0	18.6	28.0#	

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#20

3+4-Methylphenols

Concen: 44.23 ng

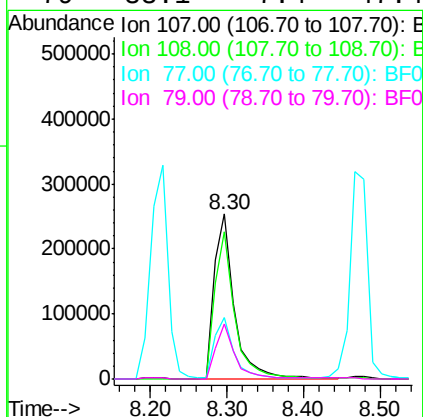
RT: 8.30 min Scan# 587

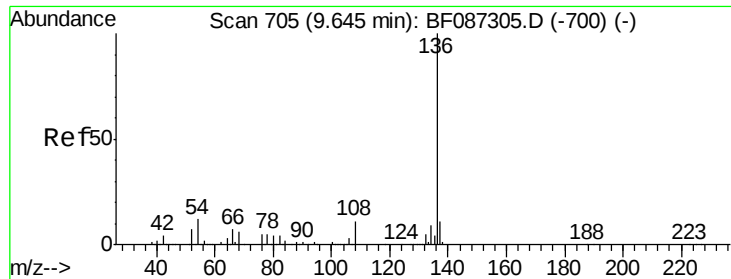
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.5	68.5	108.5	
77	37.1	101.6	141.6#	
79	33.1	7.4	47.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

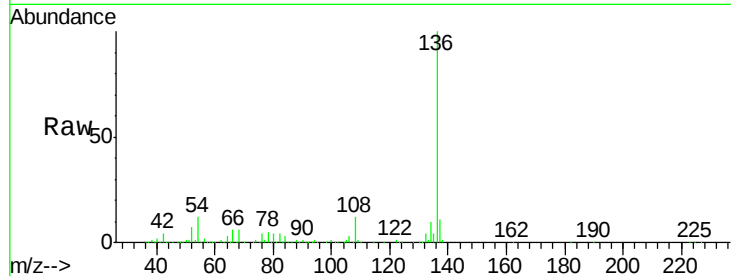
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	604056		
137	10.9	8.8	13.2	
54	11.6	5.0	7.4	
68	5.7	4.4	6.6	

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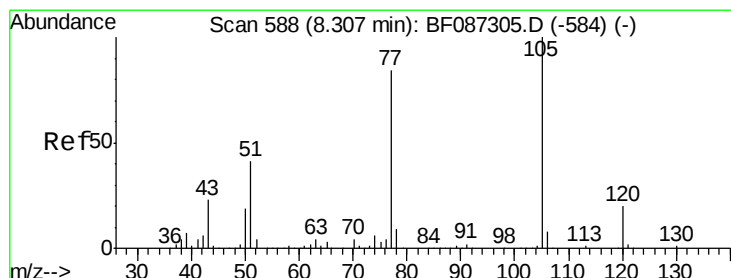
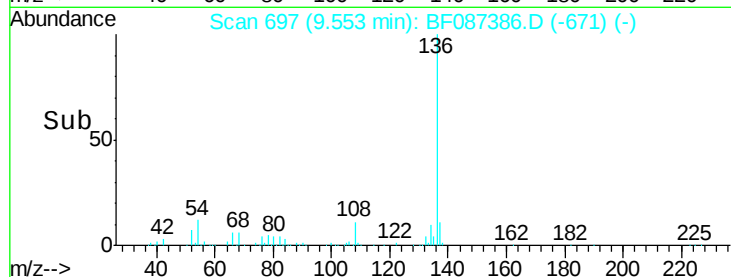
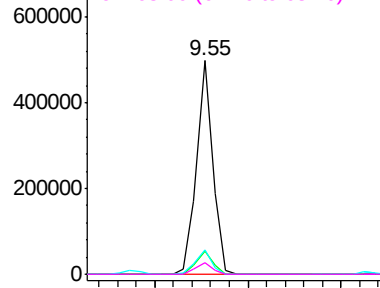


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.62 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

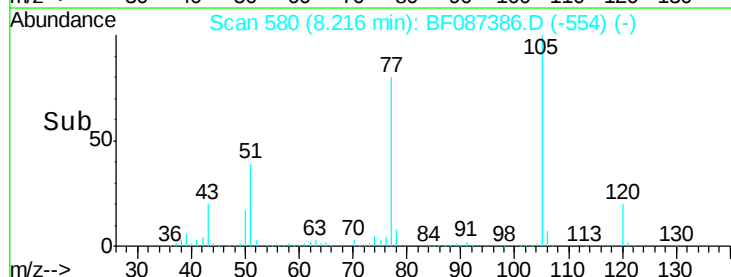
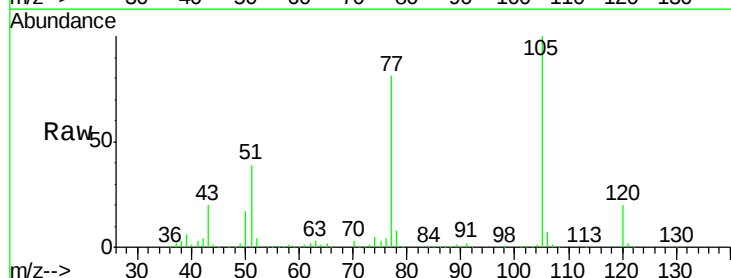
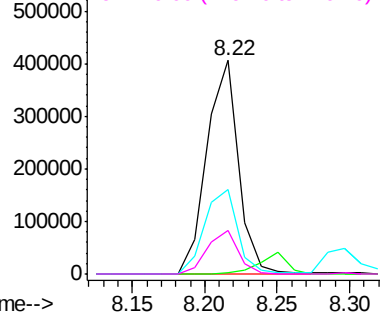
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615111		
71	0.5	4.8	7.2	
51	39.3	32.6	49.0	
120	20.4	16.5	24.7	

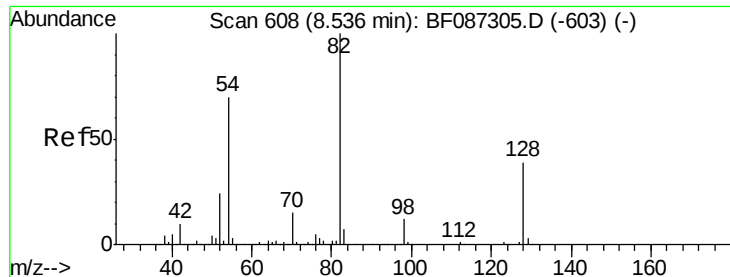
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





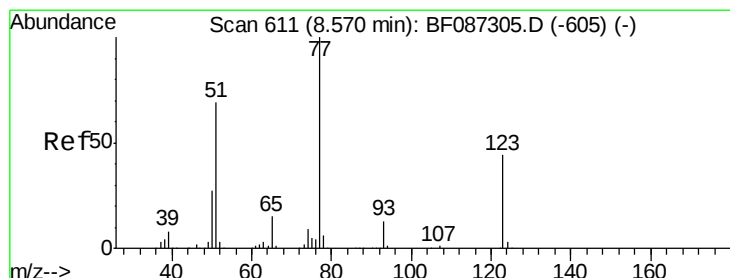
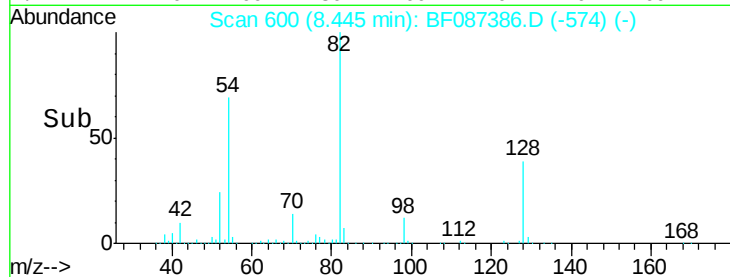
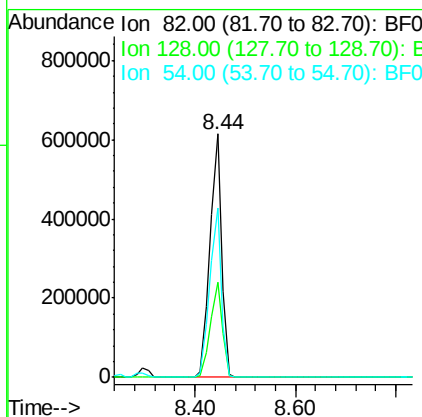
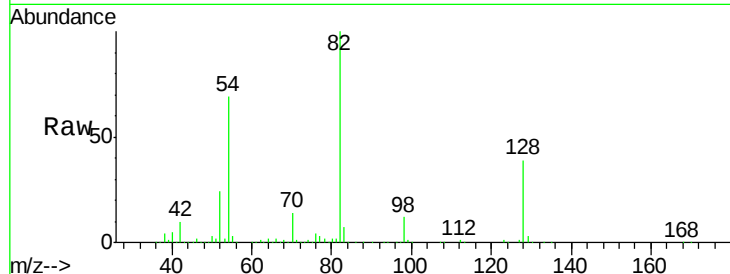
#23
 Nitrobenzene-d5
 Concen: 83.64 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1002486
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 69.5 38.1 57.1#

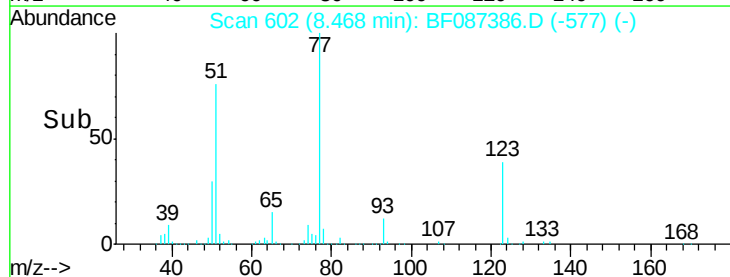
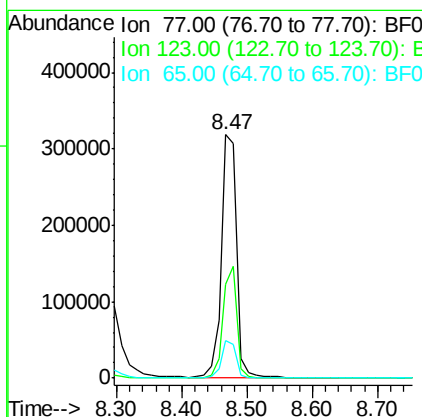
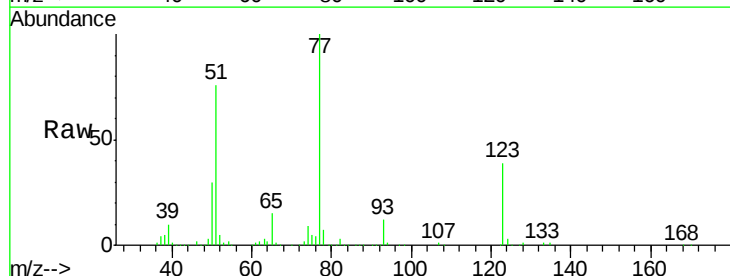
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#24
 Nitrobenzene
 Concen: 41.15 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion: 77 Resp: 520637
 Ion Ratio Lower Upper
 77 100
 123 38.6 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 40.53 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

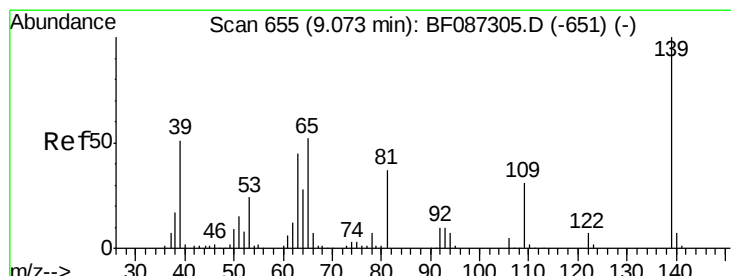
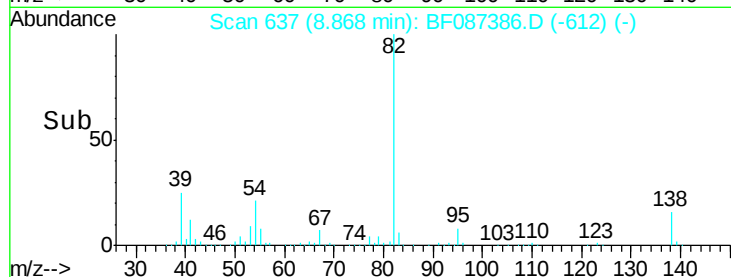
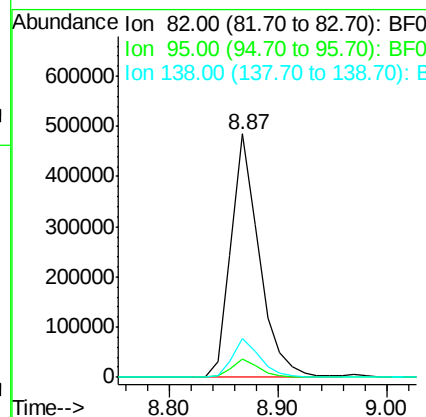
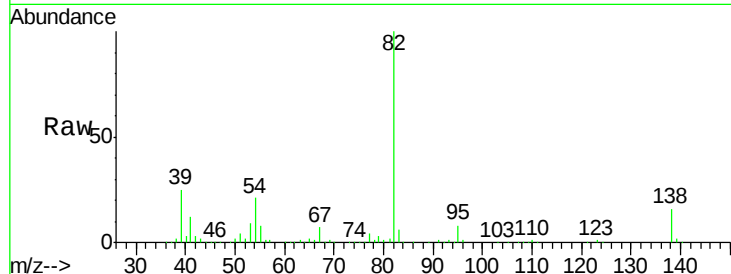
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	871163
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.1	7.7#
138	15.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 36.38 ng

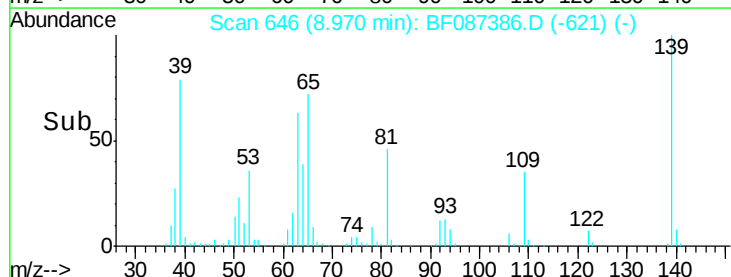
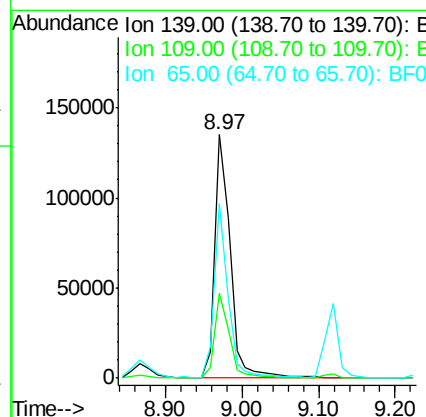
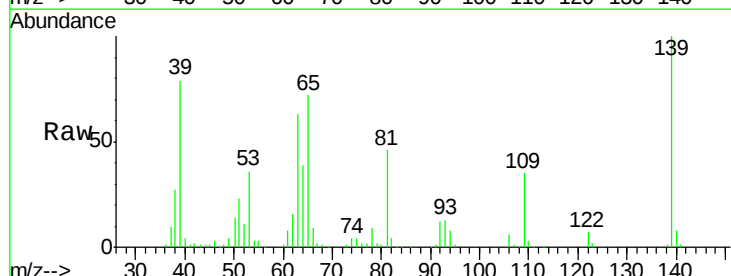
RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	139	Resp:	188134
Ion Ratio	Lower	Upper	
139	100		
109	34.9	19.5	29.3#
65	71.9	37.5	56.3#





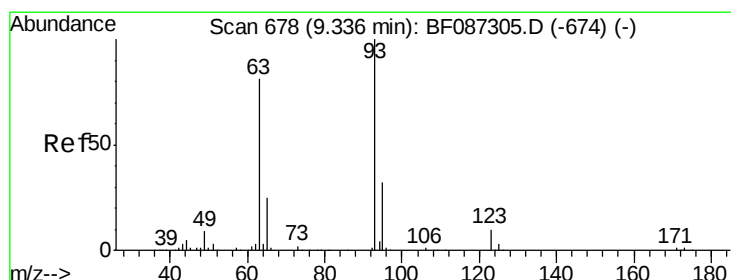
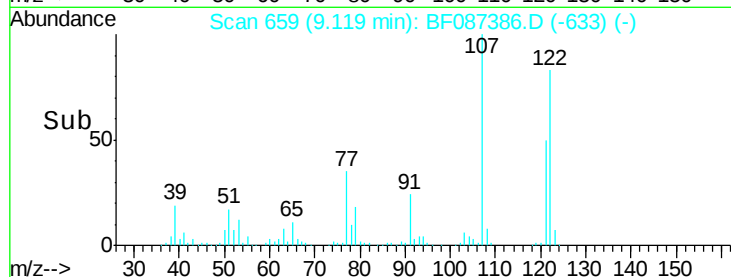
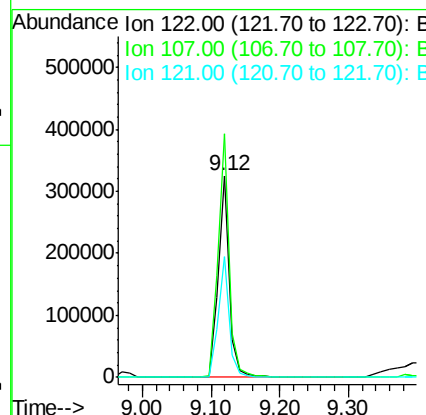
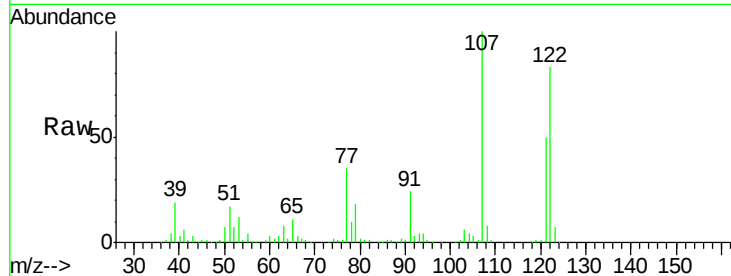
#27
 2,4-Dimethylphenol
 Concen: 41.57 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
373161	122	100			
	107	120.6	82.0	123.0	
	121	60.0	46.1	69.1	

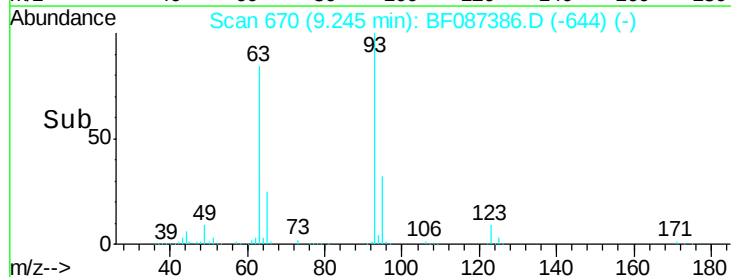
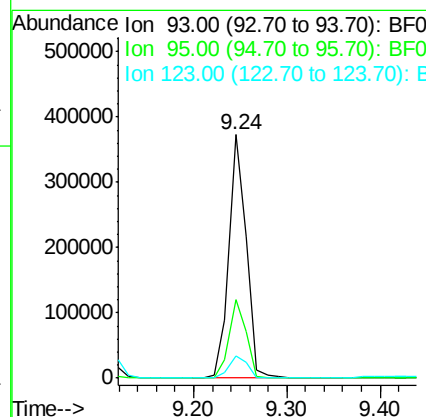
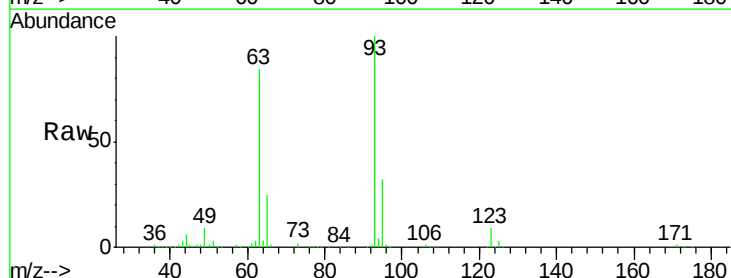
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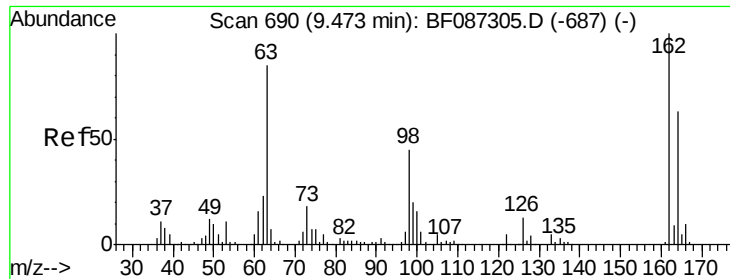
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.78 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
481673	93	100			
	95	32.5	26.0	39.0	
	123	9.3	9.5	14.3	





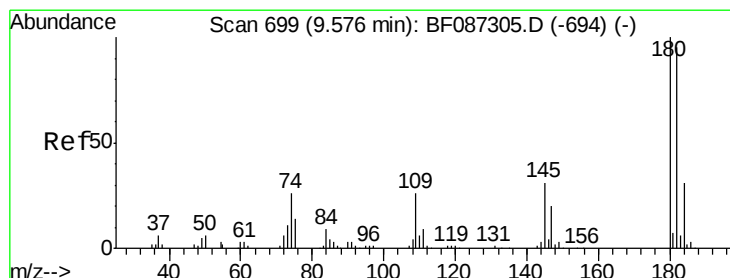
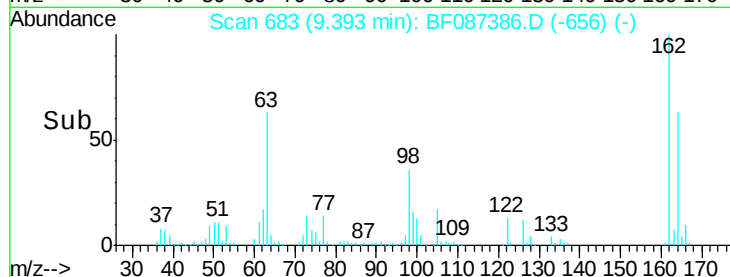
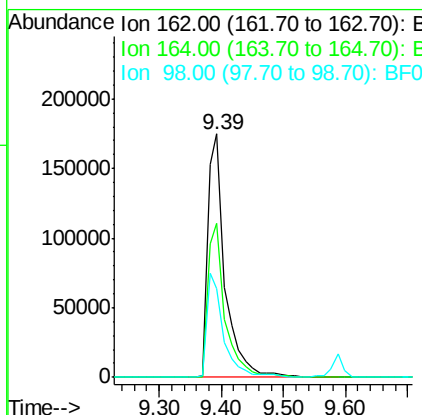
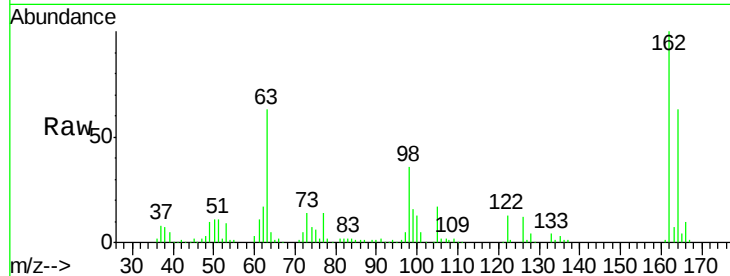
#29
 2,4-Dichlorophenol
 Concen: 41.01 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	42.2	82.2
98	36.5	19.0	59.0

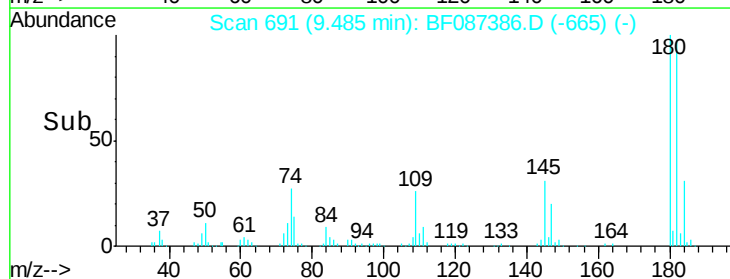
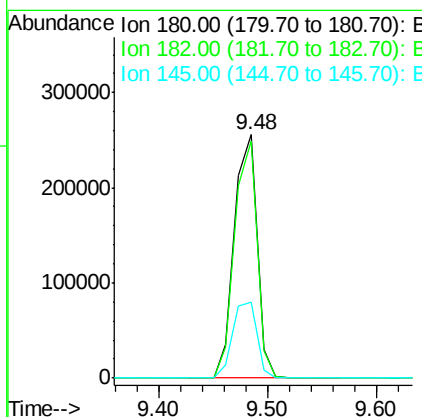
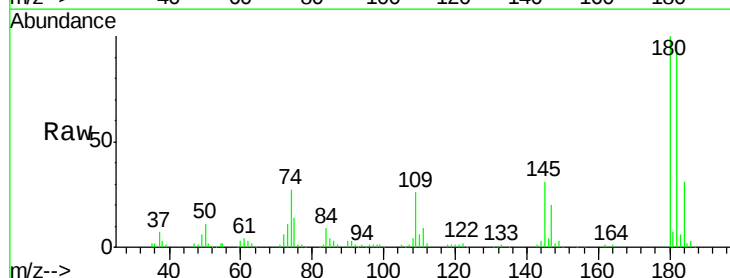
Manual Integrations
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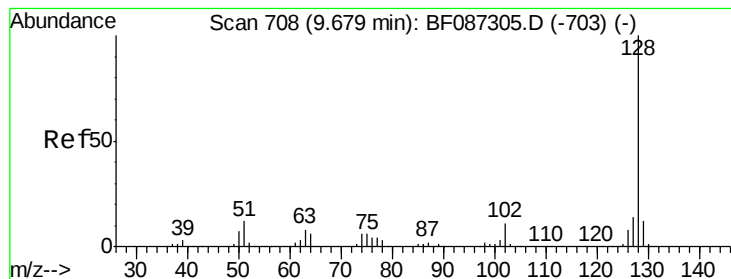
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.85 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	78.0	117.0
145	31.4	24.2	36.2





#31

Naphthalene

Concen: 38.66 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1170186

Ion Ratio Lower Upper

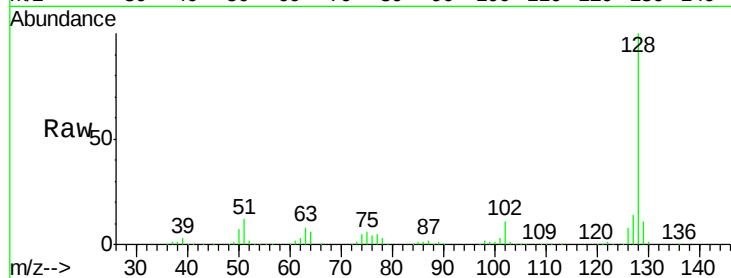
128 100

129 11.4 8.6 13.0

127 13.5 10.8 16.2

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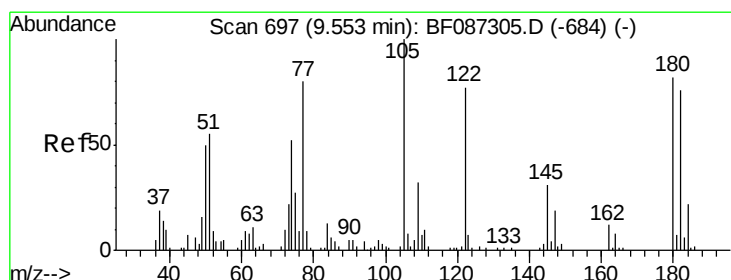
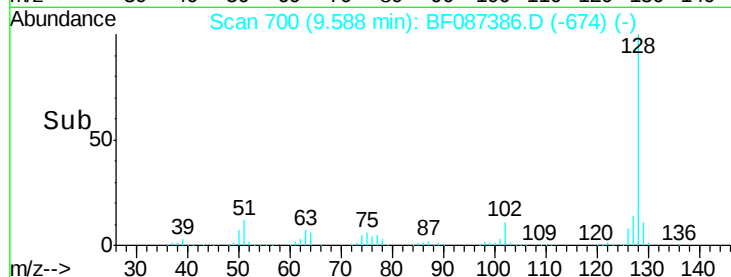
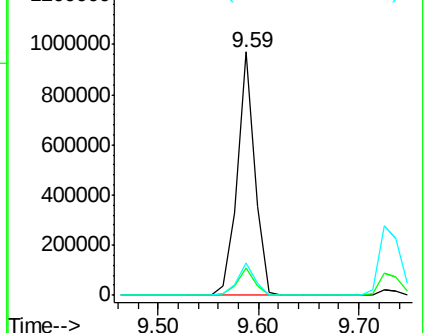
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.57 ng m

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

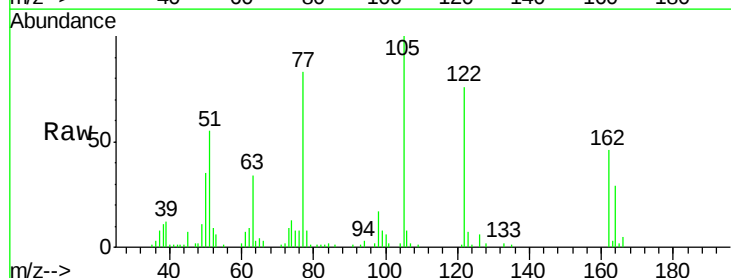
Tgt Ion:122 Resp: 167023

Ion Ratio Lower Upper

122 100

105 132.1 92.6 132.6

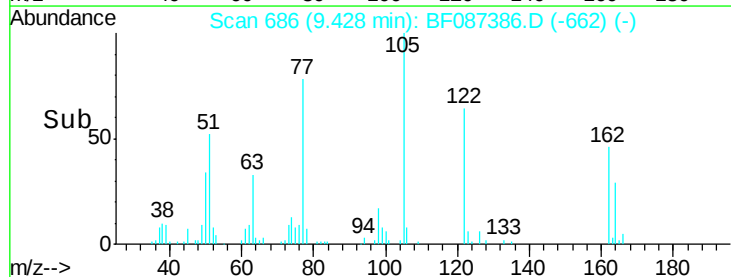
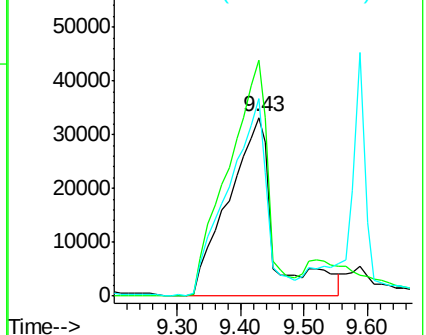
77 110.1 60.0 100.0#

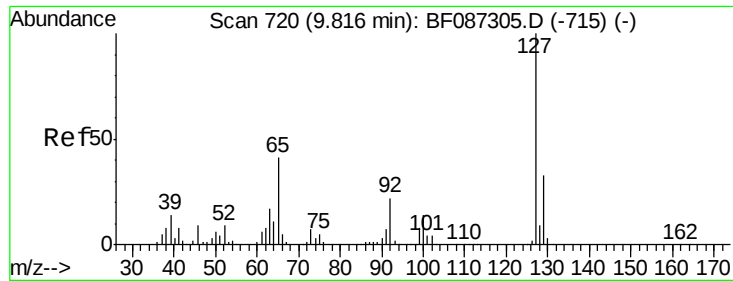


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





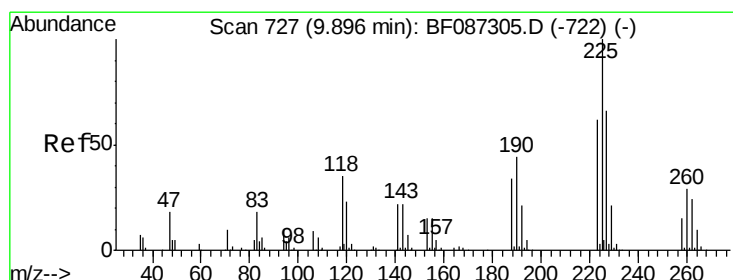
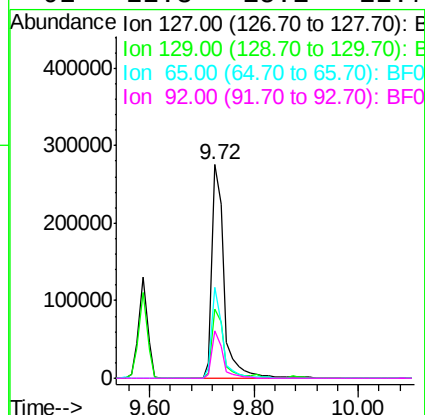
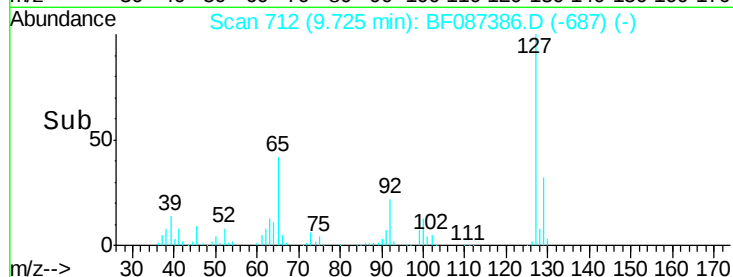
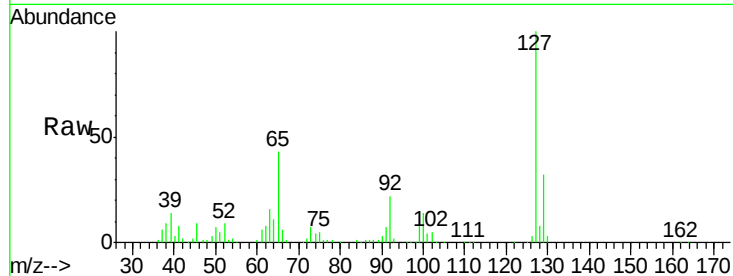
#33
4-Chloroaniline
Concen: 39.58 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.4		
65	42.5	23.0	34.4		
92	22.3	15.1	22.7		

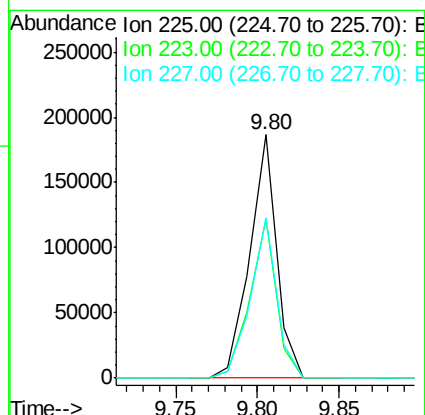
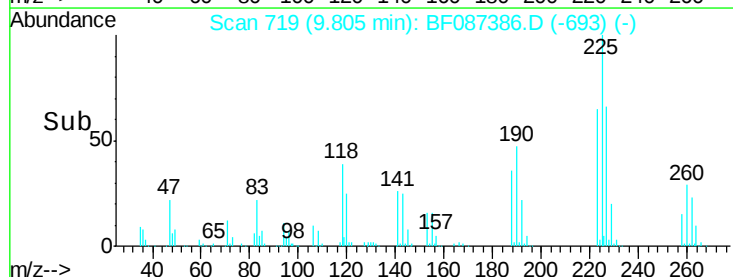
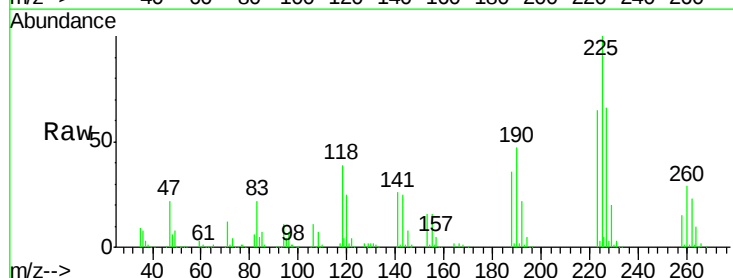
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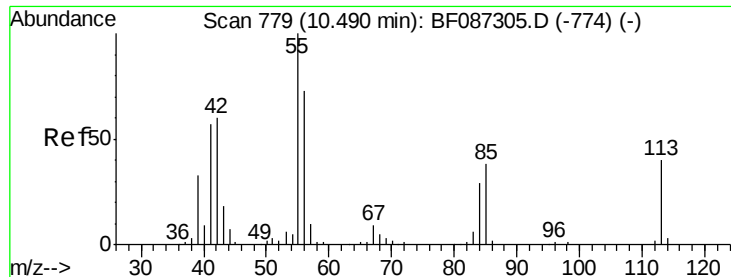
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#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	51.5	77.3		
227	66.1	52.2	78.2		





#35

Caprolactam

Concen: 43.08 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 101728
Ion Ratio Lower Upper

113 100

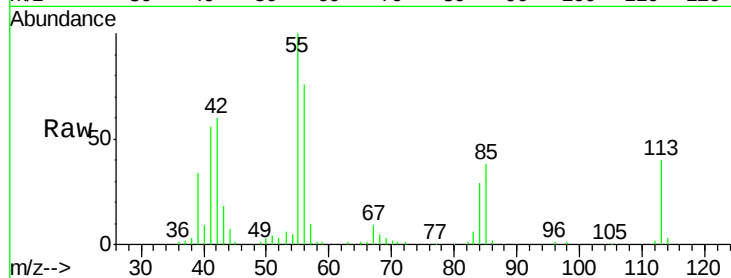
55 248.0 162.0 202.0#

56 187.6 115.3 155.3#

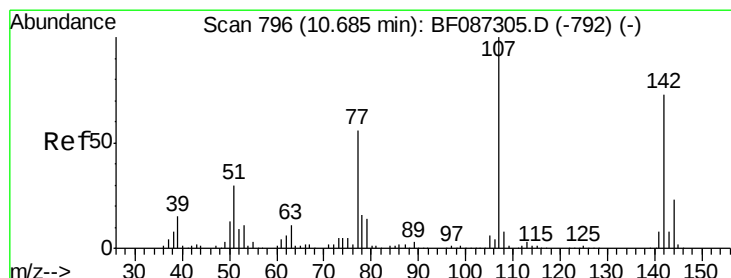
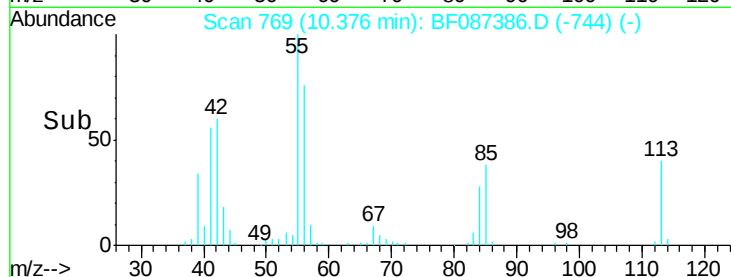
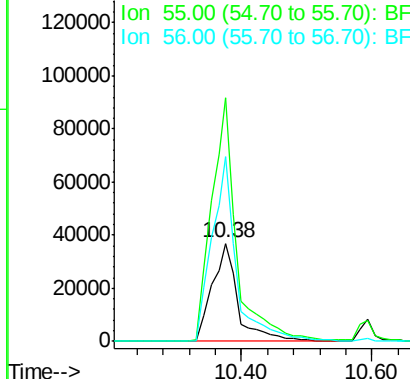
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.48 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF087386.D

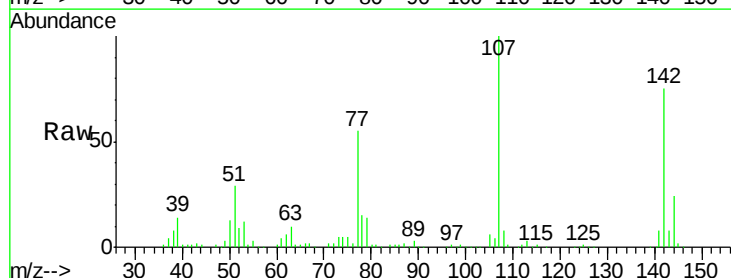
Acq: 25 May 2016 23:37

Tgt Ion:107 Resp: 370235
Ion Ratio Lower Upper

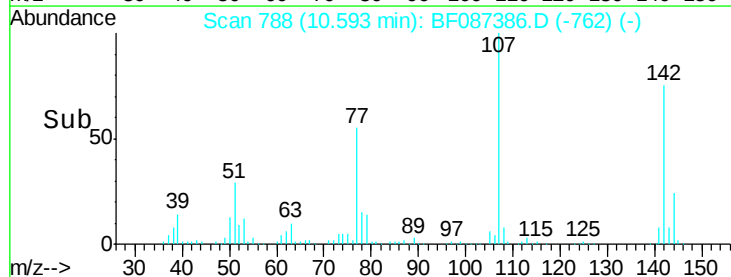
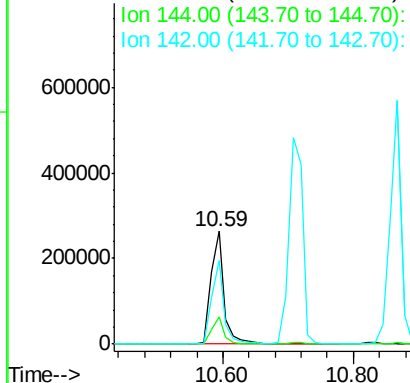
107 100

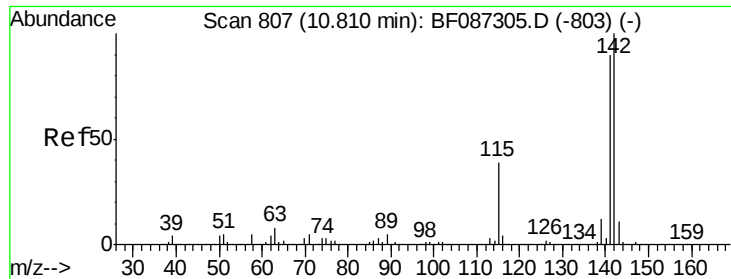
144 23.8 20.7 31.1

142 74.6 63.2 94.8



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





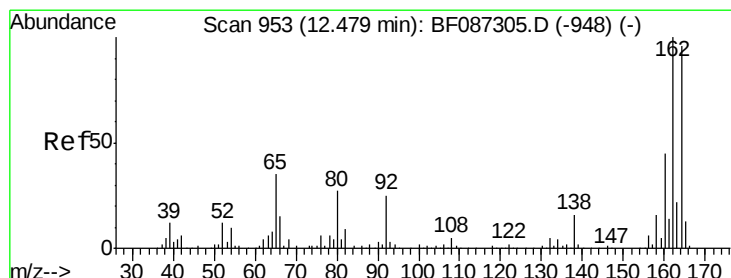
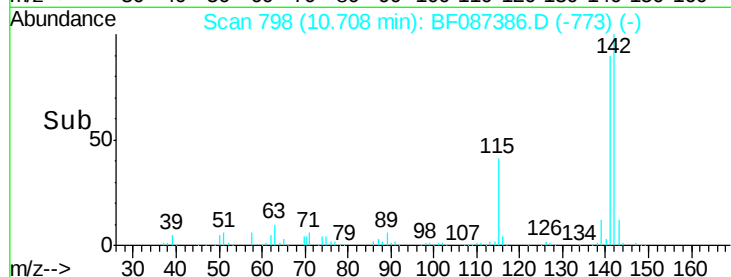
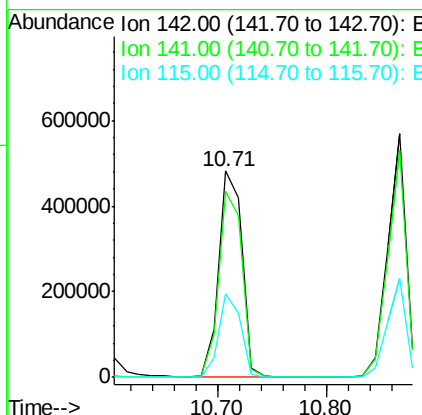
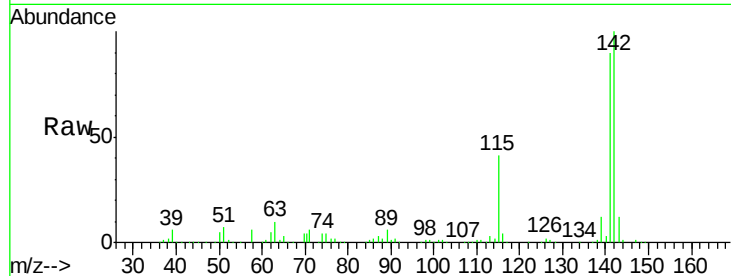
#37
2-Methylnaphthalene
Concen: 37.95 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	40.6	26.6	39.8#

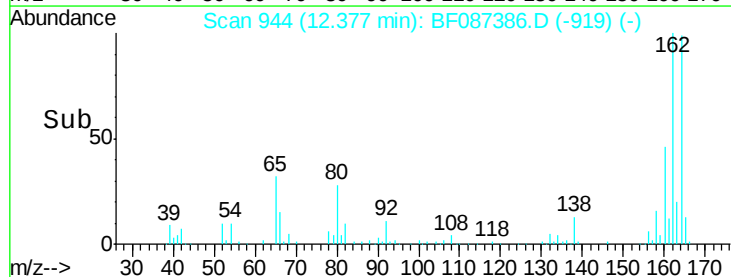
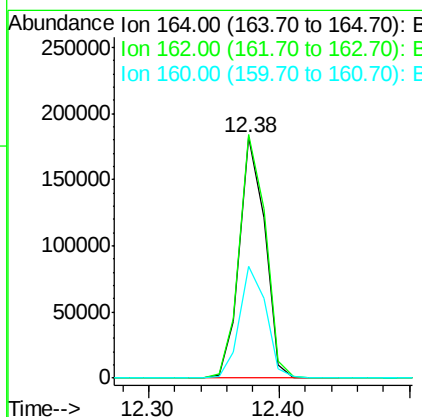
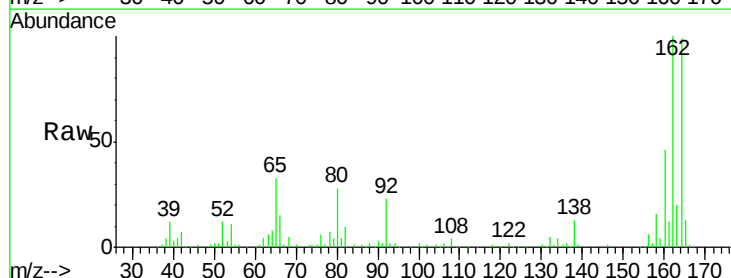
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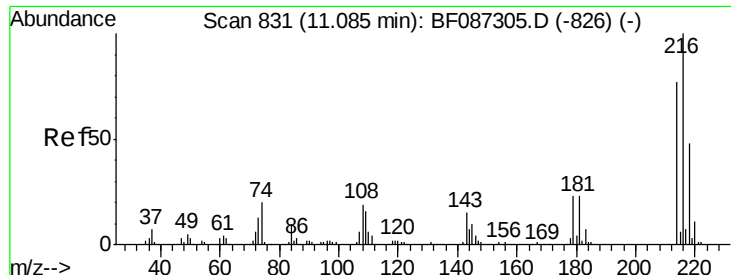
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	46.5	36.9	55.3





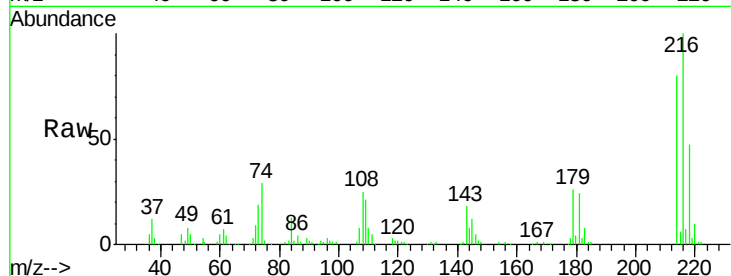
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.10 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

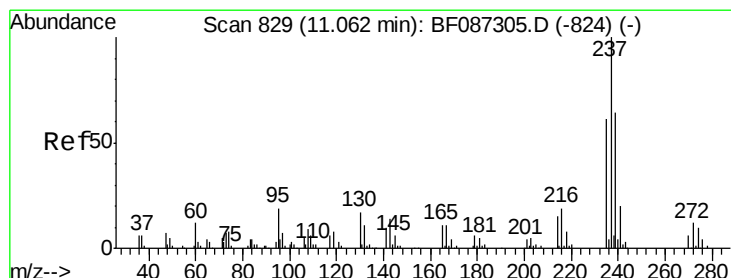
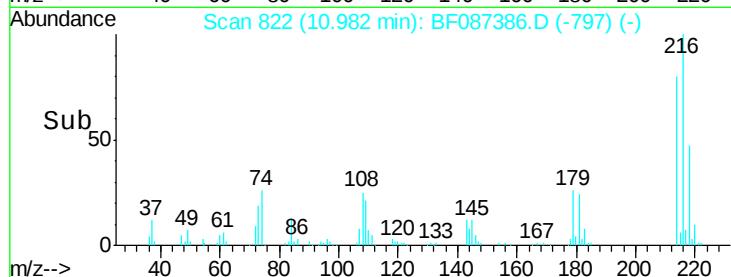
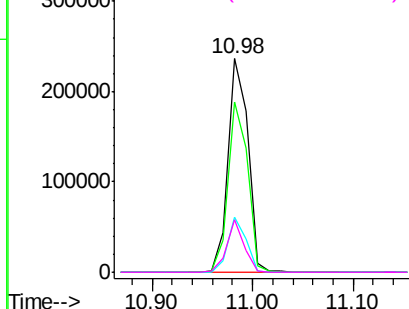
Tot Ion	Ratio	Resp	Lower	Upper
216	100	323815		
214	78.8	62.6	93.8	
179	24.0	18.2	27.4	
108	20.9	17.5	26.3	

Manual Integrations
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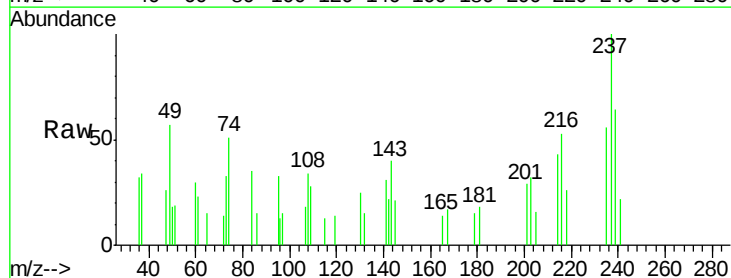


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

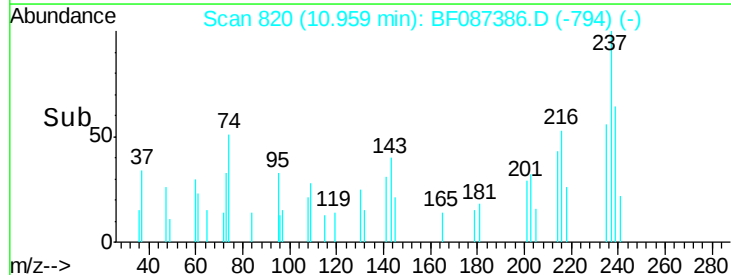
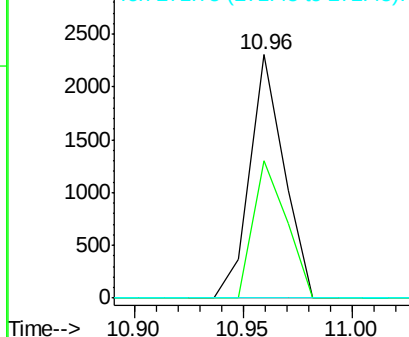


#40
 Hexachlorocyclopentadiene
 Concen: 10.15 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	2535		
235	56.4	47.2	87.2	
272	0.0	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





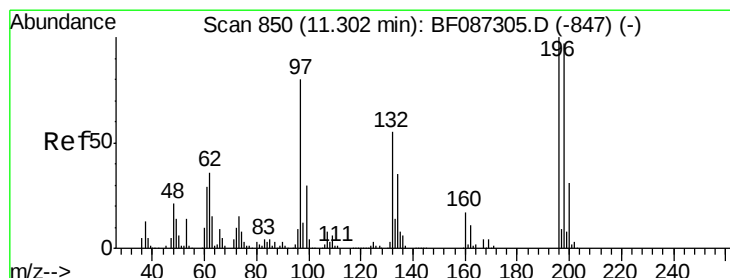
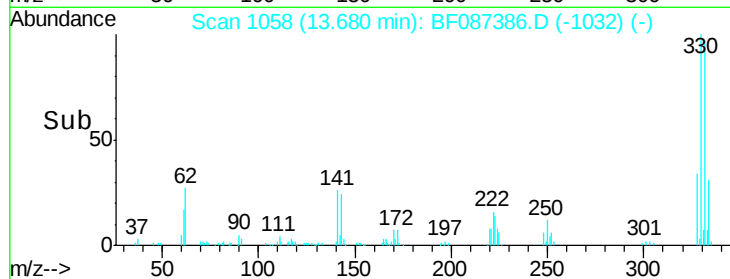
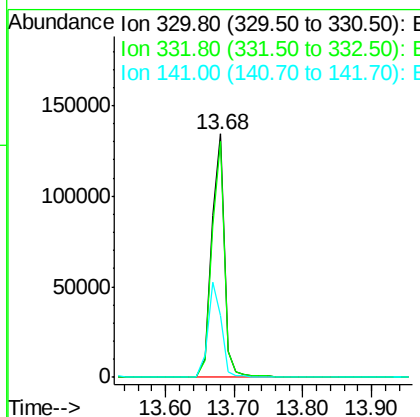
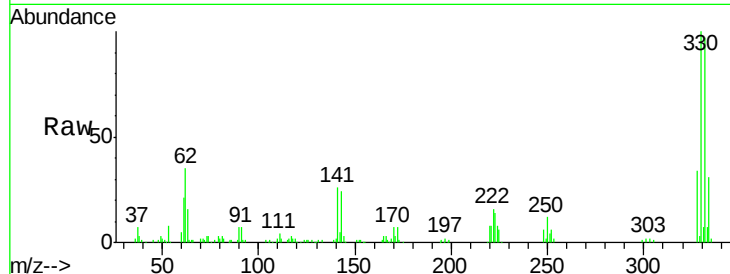
#41
 2,4,6-Tribromophenol
 Concen: 74.66 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	330	Resp:	176585
Ion Ratio	Lower	Upper	
330	100		
332	95.8	79.0	118.4
141	40.9	31.2	46.8

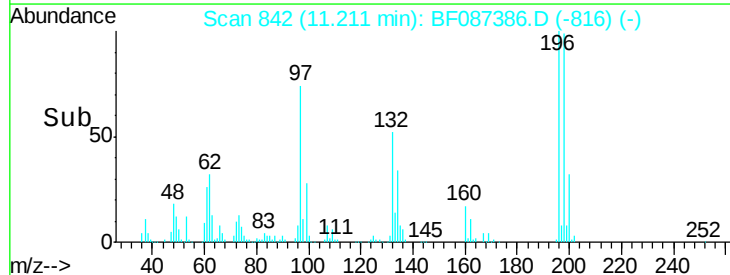
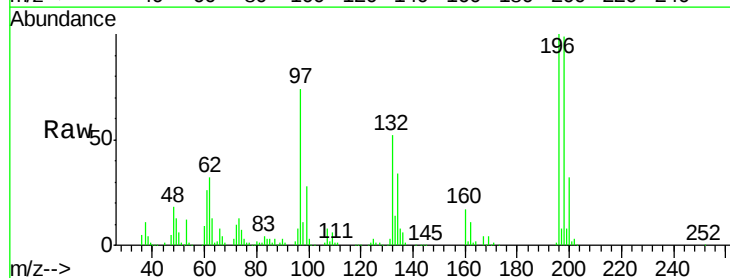
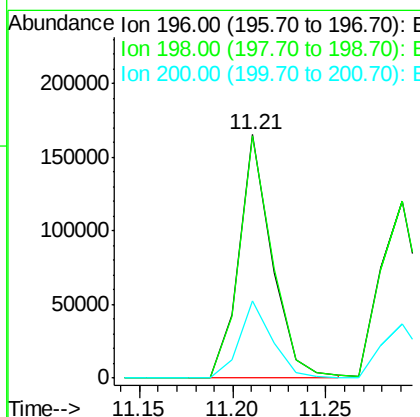
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#42
 2,4,6-Trichlorophenol
 Concen: 44.87 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion:	196	Resp:	204056
Ion Ratio	Lower	Upper	
196	100		
198	99.4	74.7	112.1
200	31.6	23.8	35.6





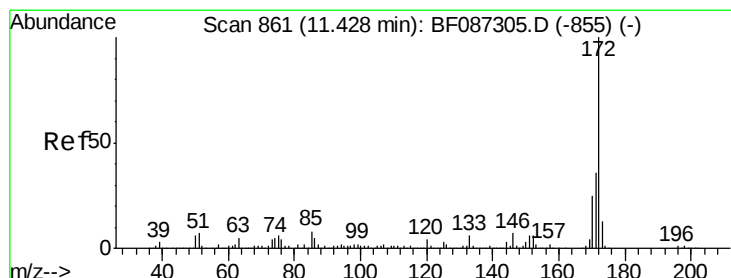
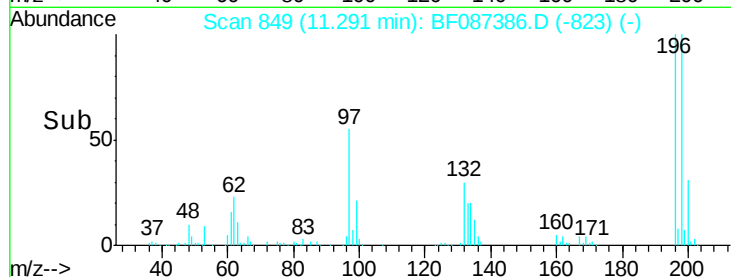
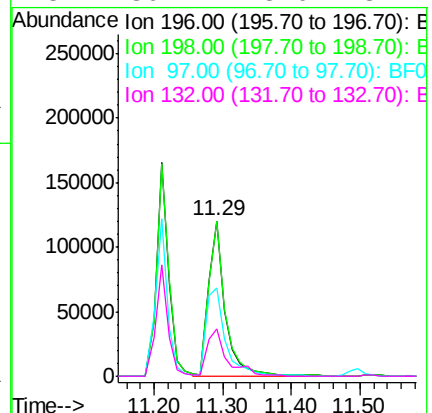
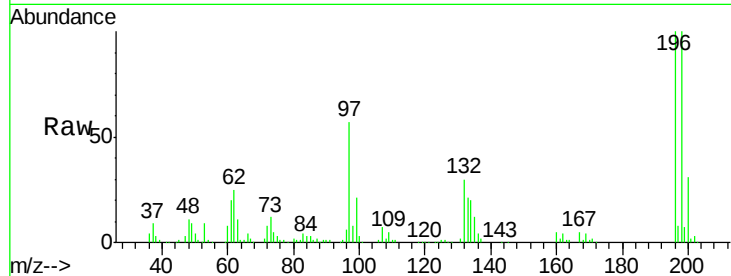
#43
2,4,5-Trichlorophenol
Concen: 43.68 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202285		
198	99.9	77.5	116.3	
97	56.7	34.8	52.2	
132	30.2	23.0	34.4	

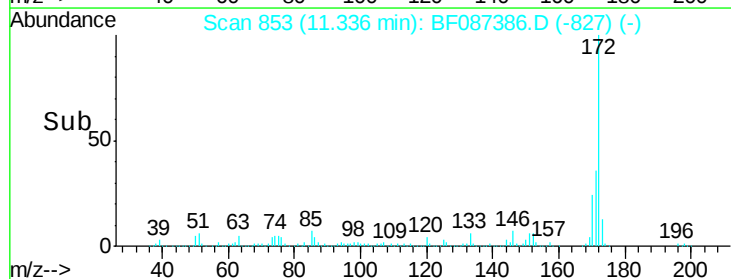
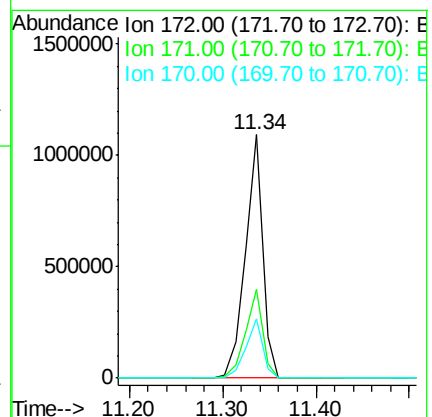
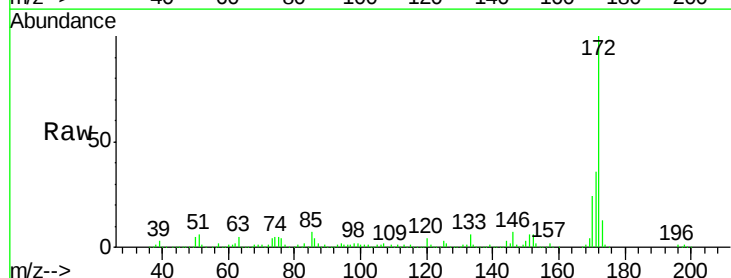
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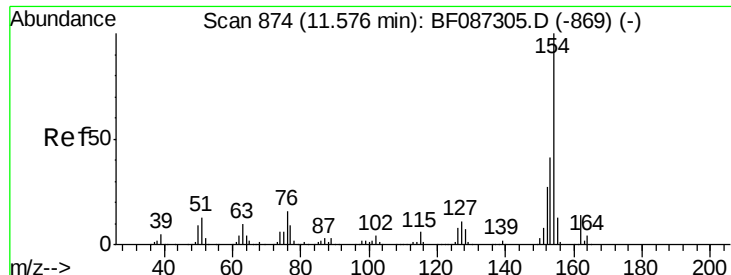
sohil
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#44
2-Fluorobiphenyl
Concen: 81.07 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1415207		
171	36.4	29.0	43.6	
170	24.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.81 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

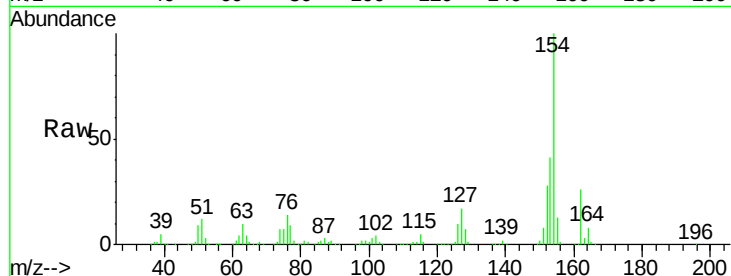
ClientSampled :

SSTDCCC040

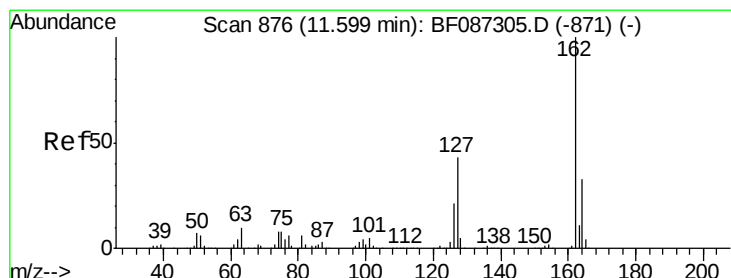
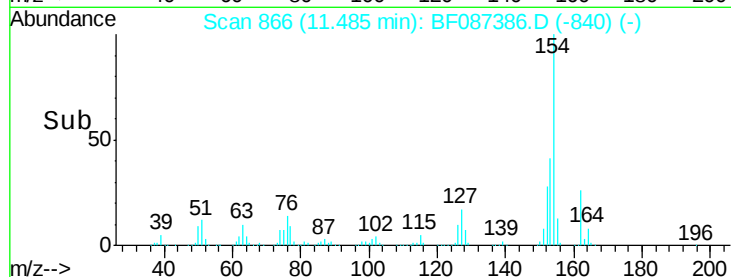
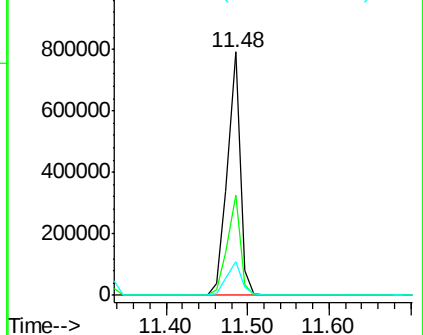
Tot Ion:	154	Resp:	866381
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.3	60.3
76	14.0	0.0	30.2

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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: 40.40 ng

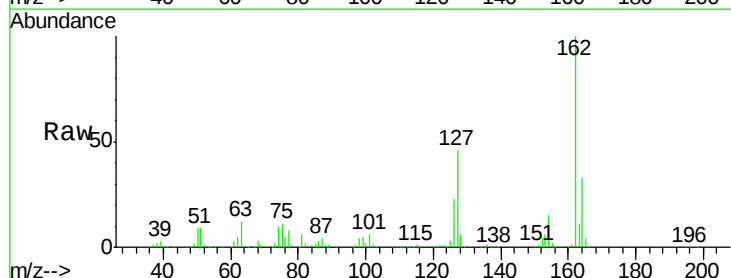
RT: 11.50 min Scan# 867

Delta R.T. 0.00 min

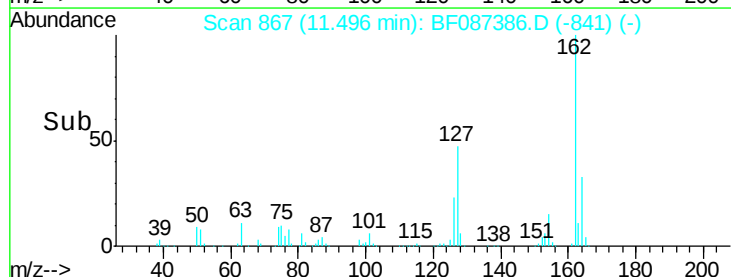
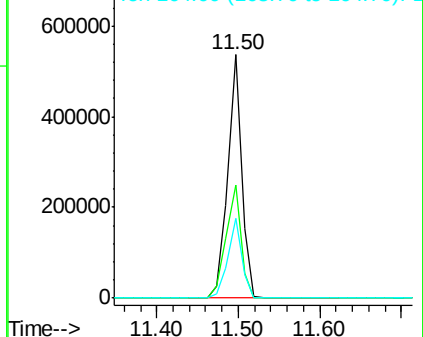
Lab File: BF087386.D

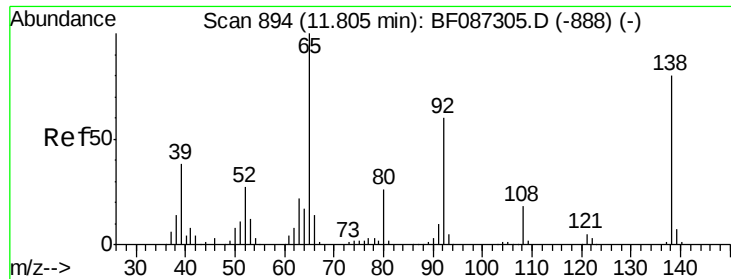
Acq: 25 May 2016 23:37

Tgt Ion:	162	Resp:	640475
Ion Ratio	Lower	Upper	
162	100		
127	46.2	31.8	47.6
164	32.7	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





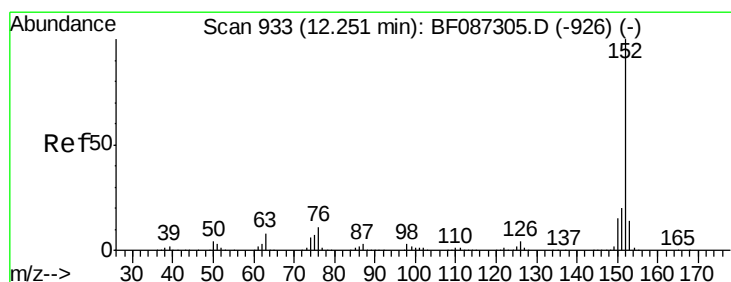
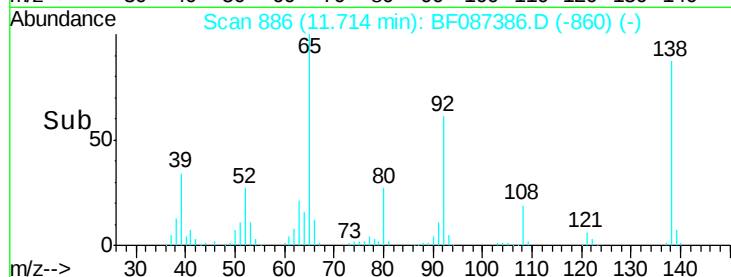
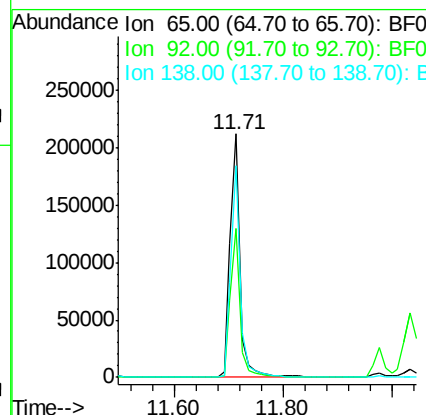
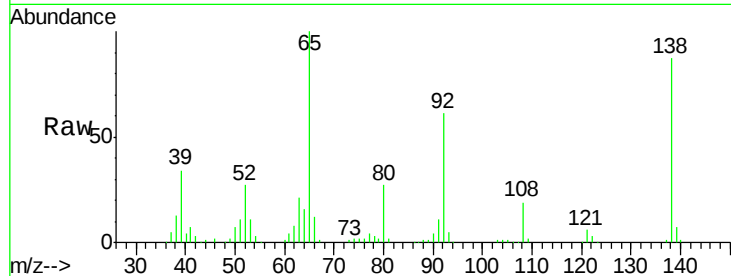
#47
2-Nitroaniline
Concen: 47.84 ng
RT: 11.71 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	57.4	86.2
138	86.8	90.1	135.1#

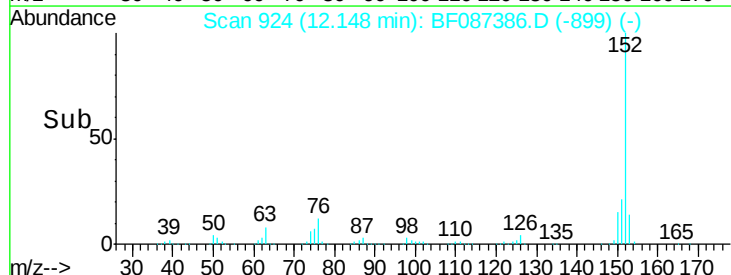
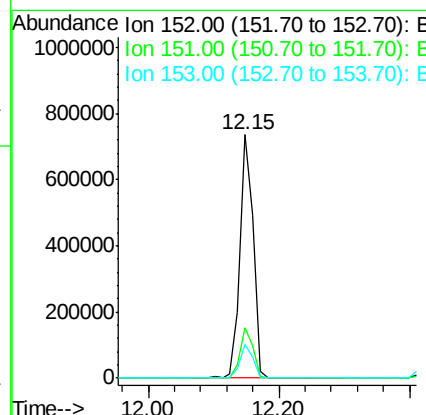
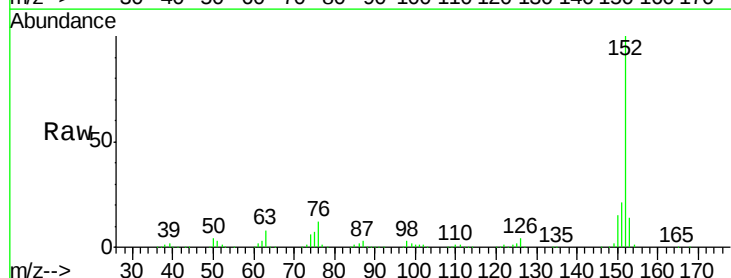
Manual Integrations
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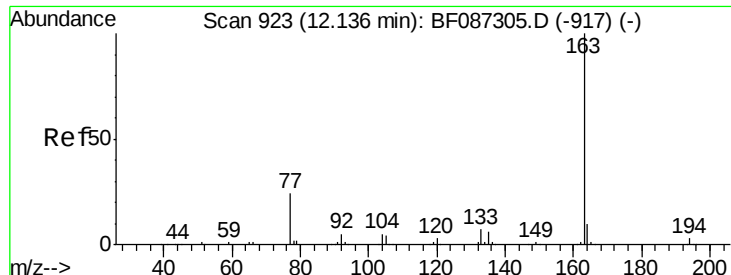
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#48
Acenaphthylene
Concen: 40.41 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.0	10.9	16.3





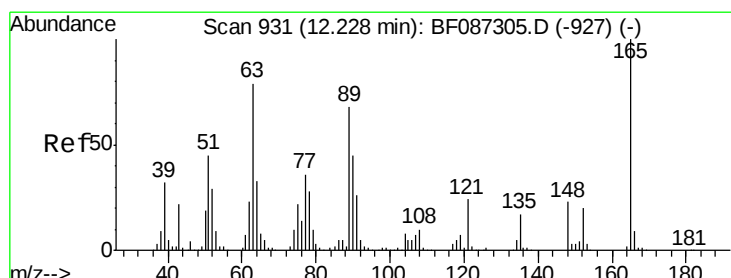
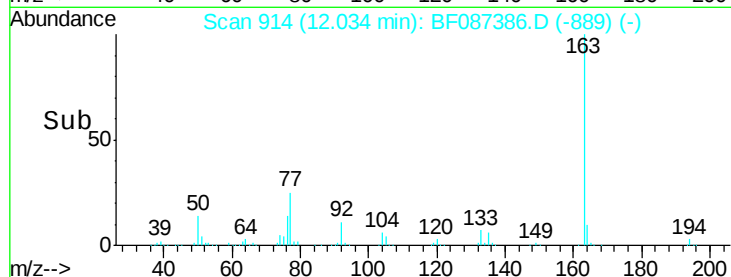
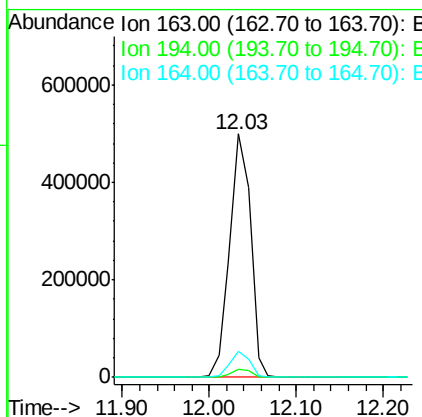
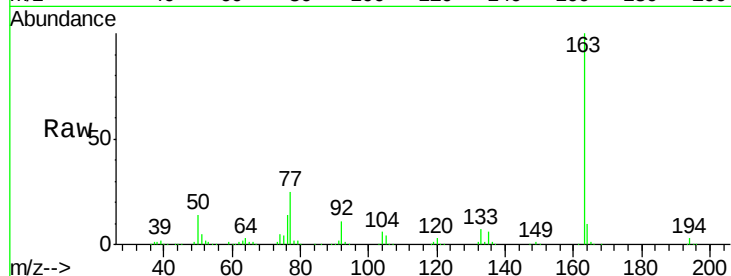
#49
Dimethylphthalate
Concen: 42.28 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	833518		
194	3.3		2.6	4.0
164	10.4		8.2	12.4

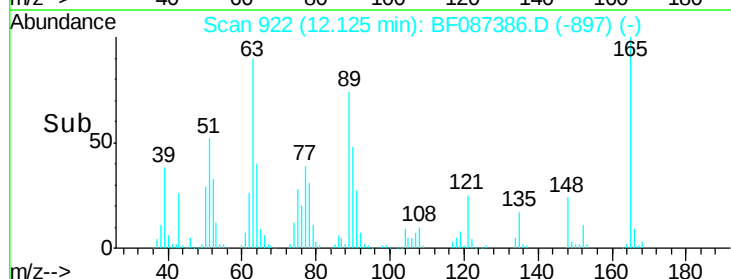
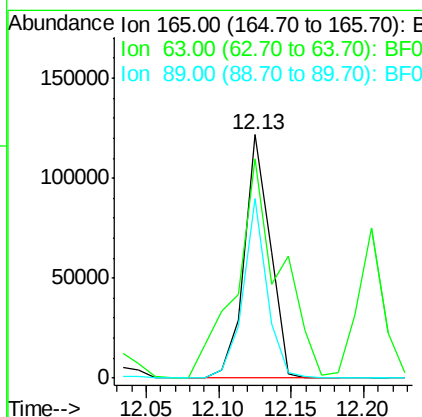
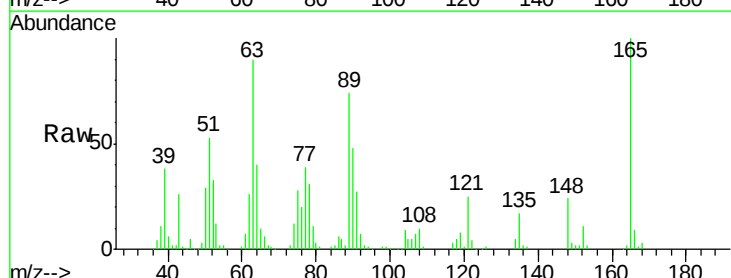
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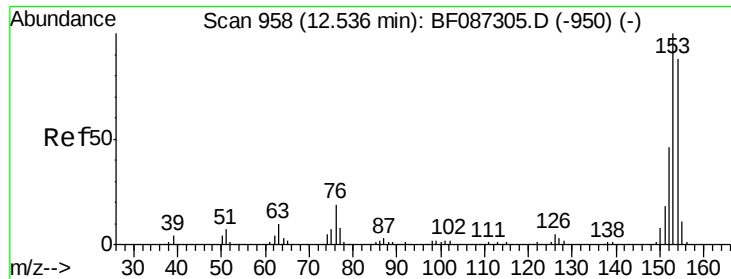
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#50
2,6-Dinitrotoluene
Concen: 38.05 ng
RT: 12.13 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151157		
63	90.3		51.8	77.8#
89	73.6		50.7	76.1





#51

Acenaphthene

Concen: 39.05 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

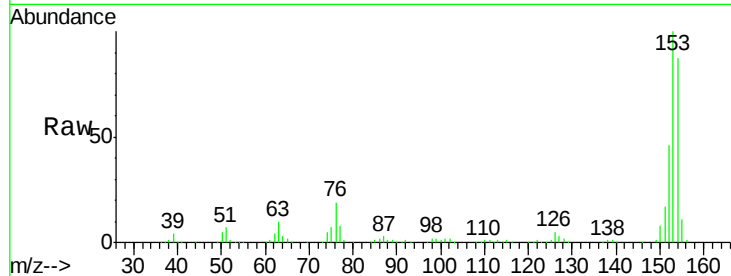
ClientSampleId :

SSTDCCC040

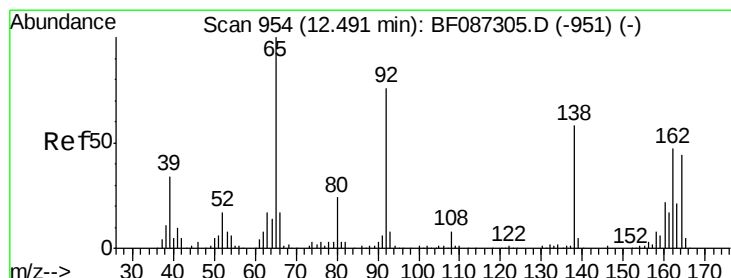
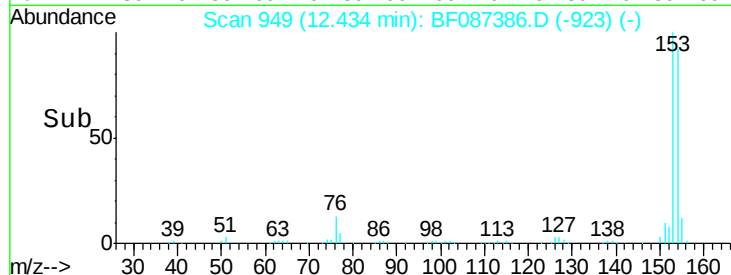
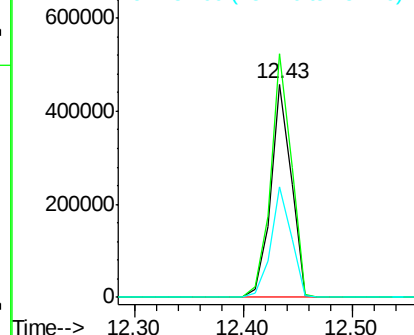
Tot Ion:	154	Resp:	602329
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.8	134.6
152	52.2	43.4	65.0

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: 44.31 ng

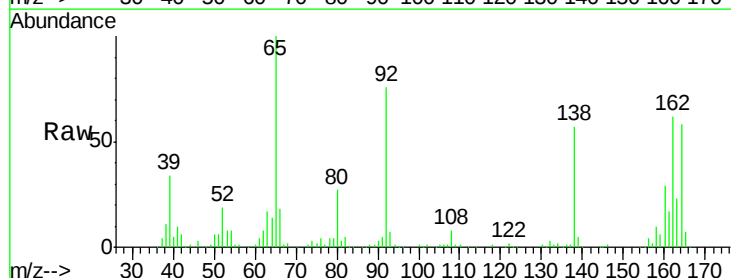
RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

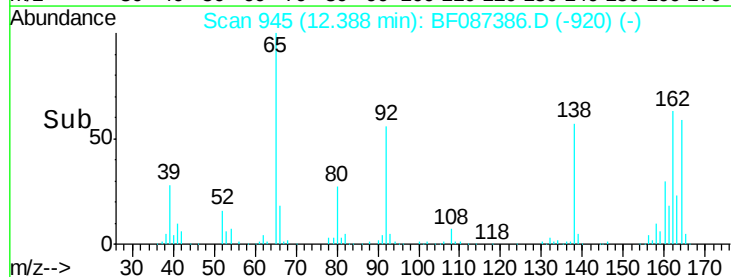
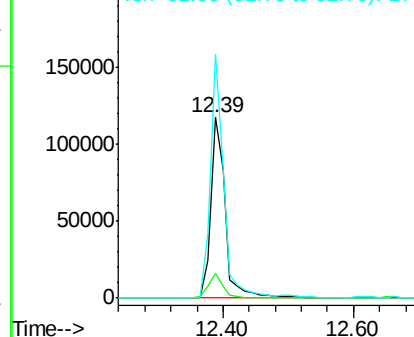
Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	138	Resp:	180679
Ion Ratio	Lower	Upper	
138	100		
108	13.5	7.8	11.6#
92	135.0	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





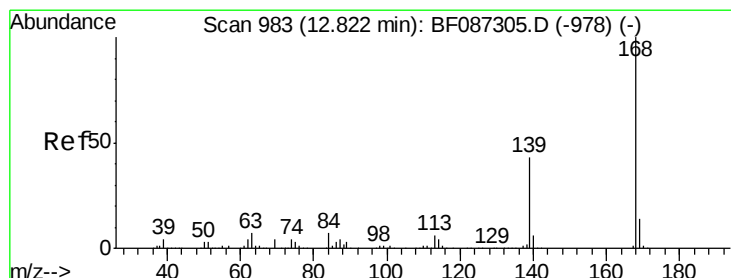
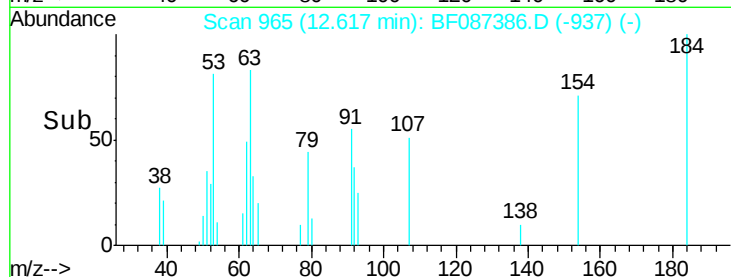
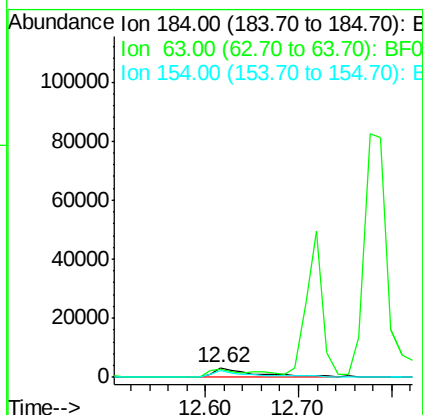
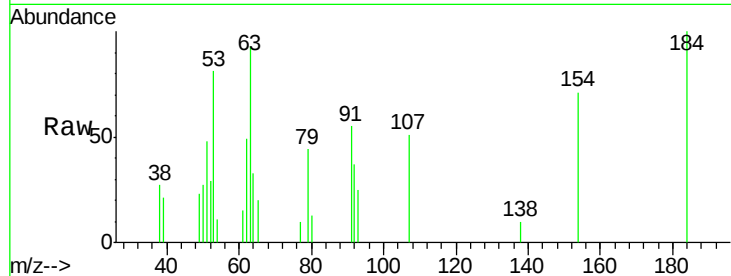
#53
2,4-Dinitrophenol
Concen: 10.99 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	92.5	55.8	83.8#
154	71.0	62.4	93.6

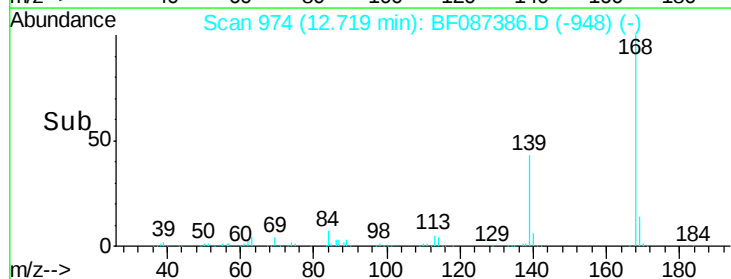
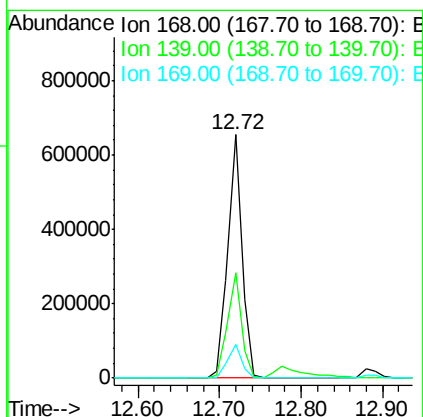
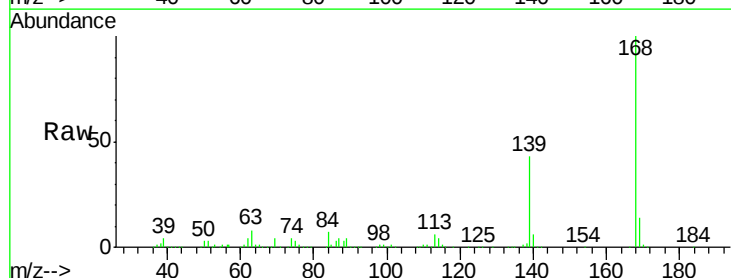
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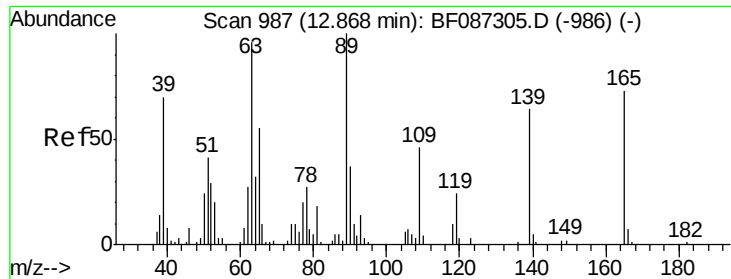
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#54
Dibenzofuran
Concen: 38.20 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	31.4	47.0
169	13.8	10.7	16.1





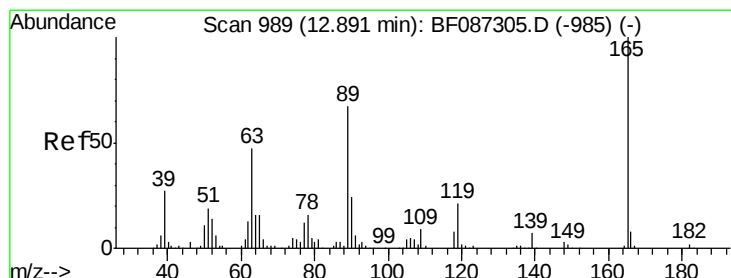
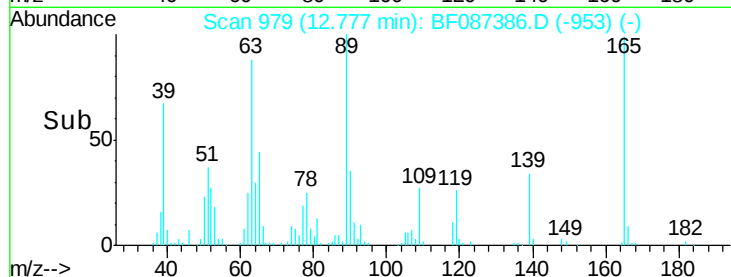
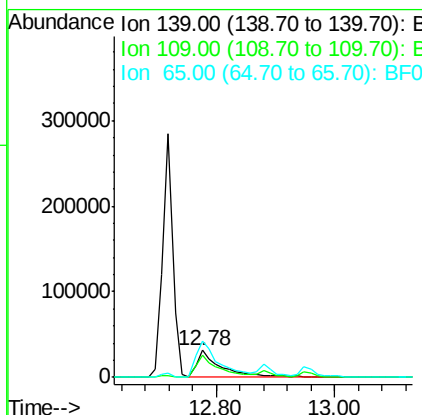
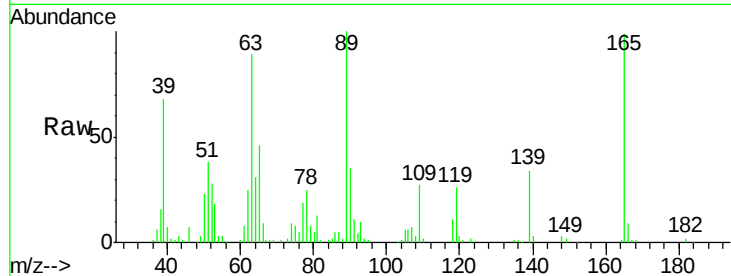
#55
4-Nitrophenol
Concen: 44.97 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 87464
Ion Ratio Lower Upper
139 100
109 80.6 36.9 76.9#
65 135.2 64.0 104.0#

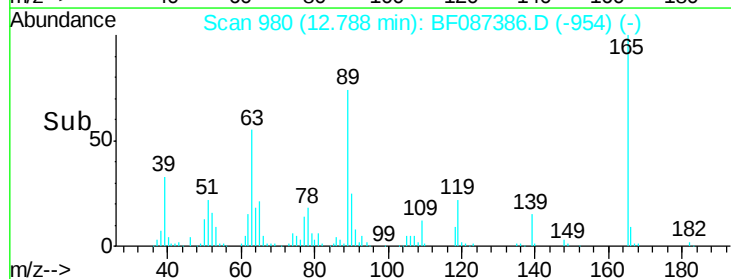
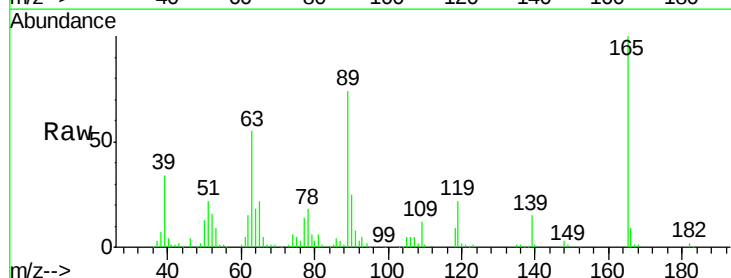
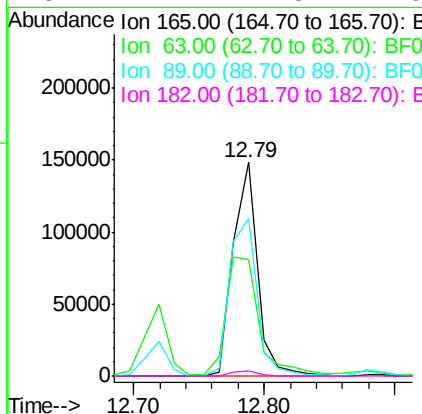
Manual Integrations
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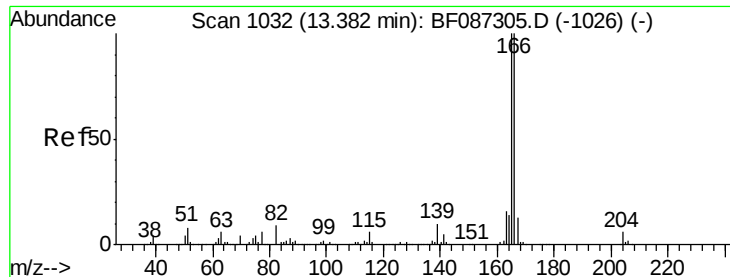
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#56
2,4-Dinitrotoluene
Concen: 36.22 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion:165 Resp: 192306
Ion Ratio Lower Upper
165 100
63 54.8 44.3 66.5
89 73.9 70.0 105.0
182 2.4 1.8 2.6





#57

Fluorene

Concen: 38.06 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

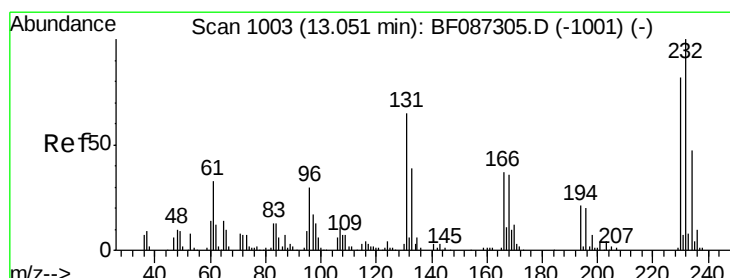
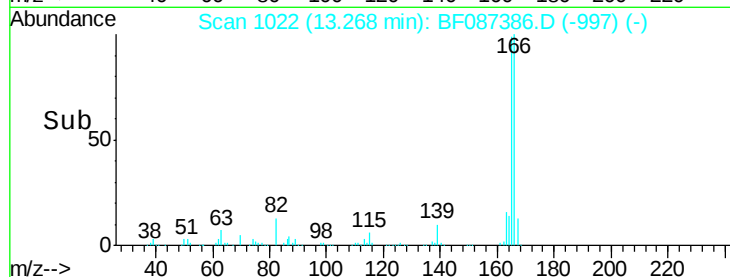
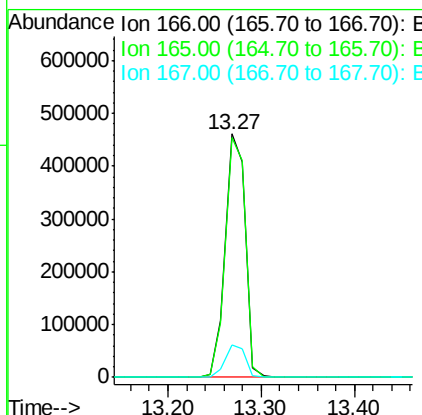
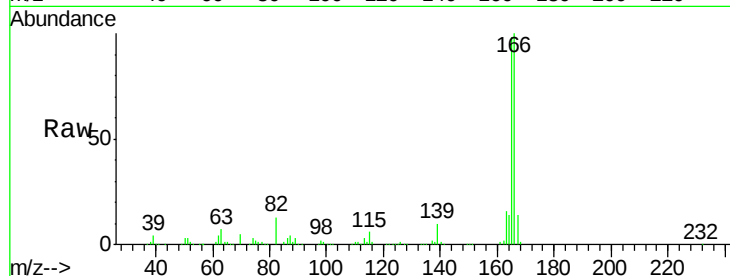
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	689385
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.6
167	13.5	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.20 ng

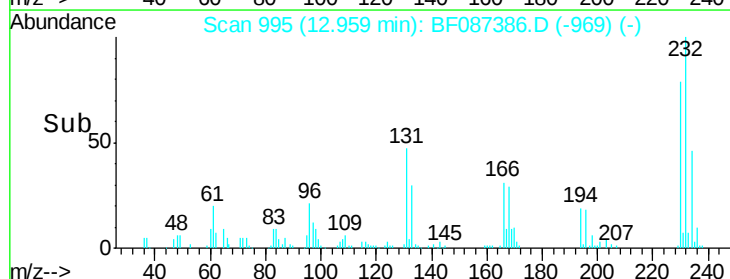
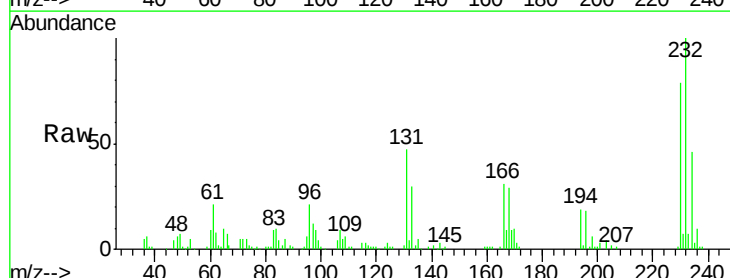
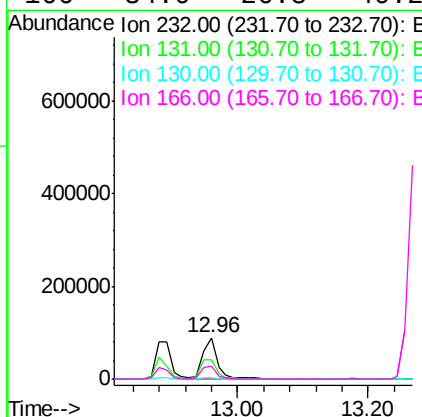
RT: 12.96 min Scan# 995

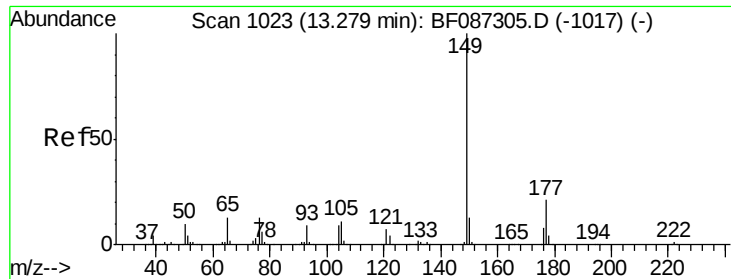
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	232	Resp:	136090
Ion Ratio	Lower	Upper	
232	100		
131	55.8	41.9	62.9
130	2.5	2.2	3.4
166	34.0	26.8	40.2





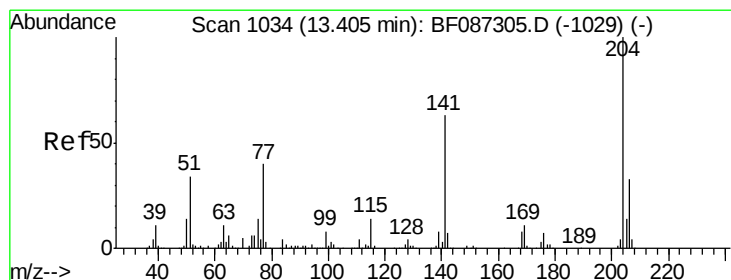
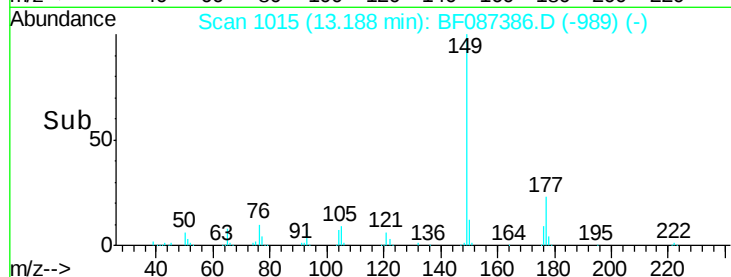
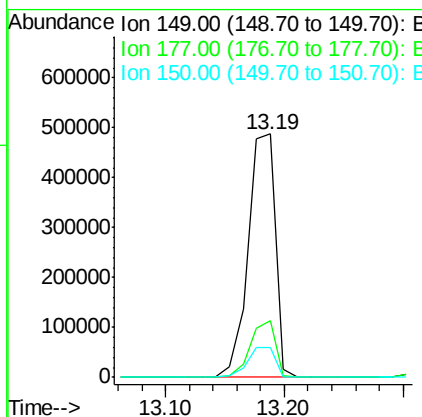
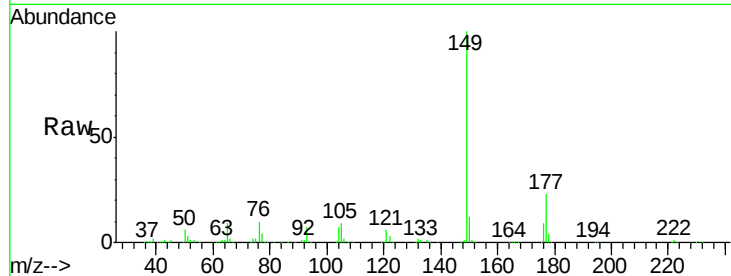
#59
Diethylphthalate
Concen: 40.92 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	784435		
177	23.2	16.6	24.8	
150	12.3	10.0	15.0	

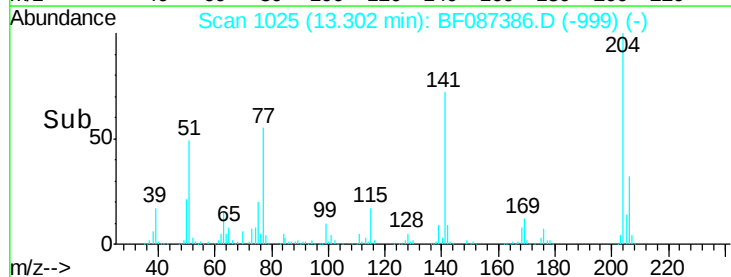
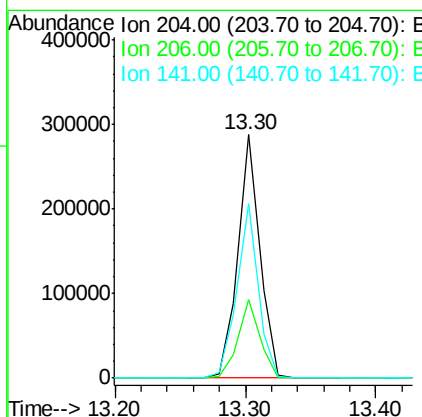
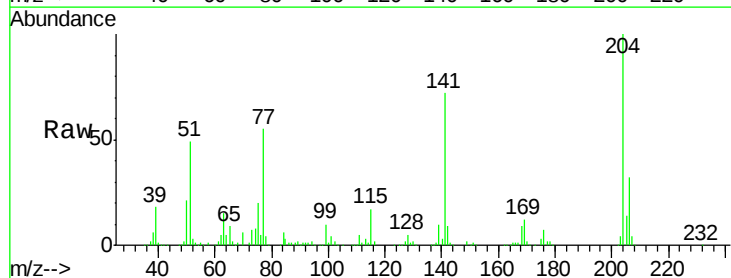
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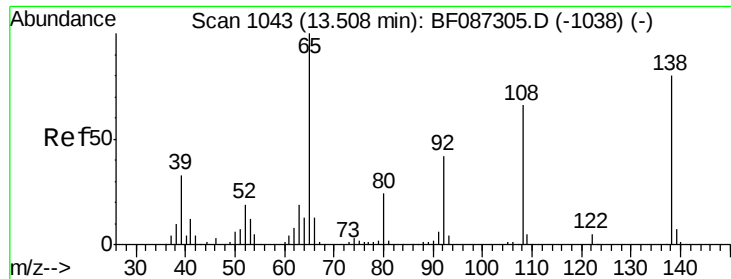
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#60
4-Chlorophenyl-phenylether
Concen: 37.95 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	335172		
206	32.0	25.4	38.0	
141	71.6	61.6	92.4	





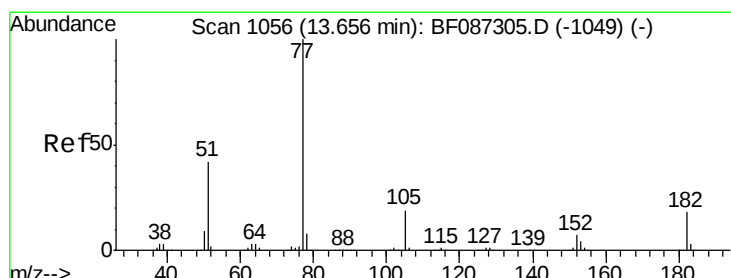
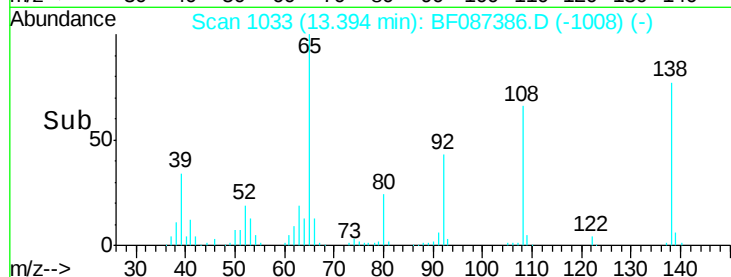
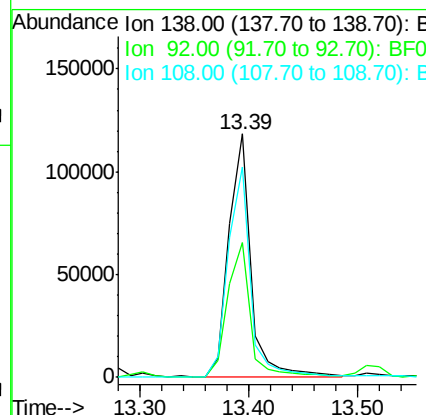
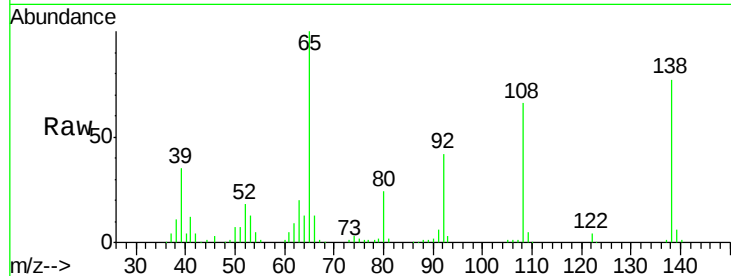
#61
4-Nitroaniline
Concen: 44.22 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	168259		
92	55.3	24.7	64.7	
108	86.3	37.4	77.4#	

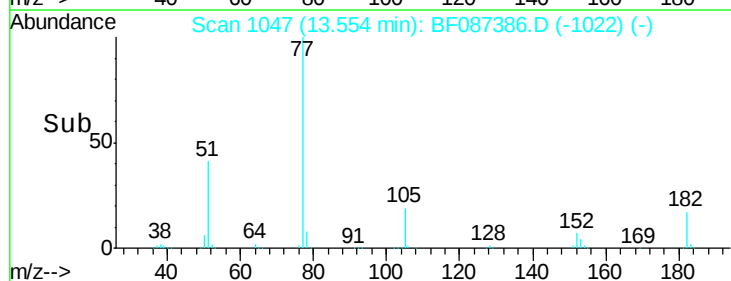
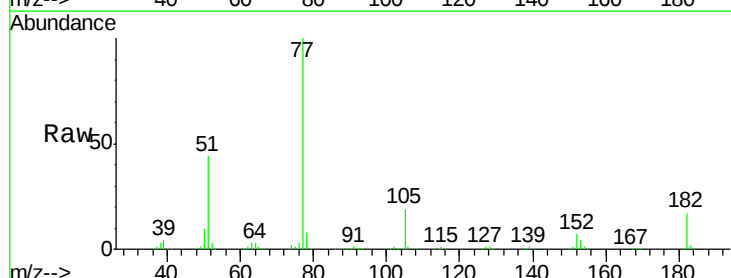
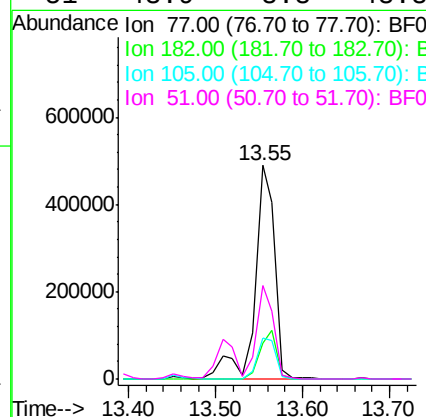
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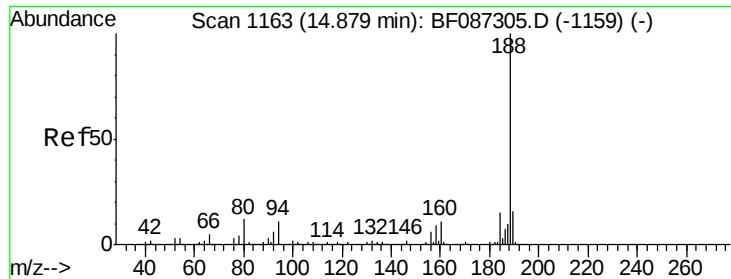
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#62
Azobenzene
Concen: 39.34 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	782362		
182	16.9	0.0	38.8	
105	19.0	3.2	43.2	
51	43.9	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

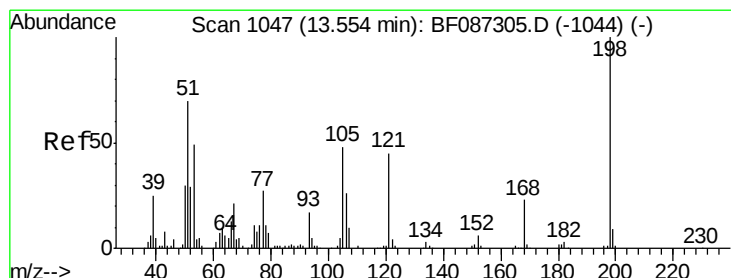
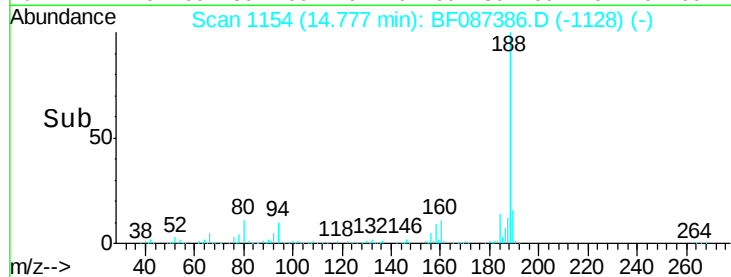
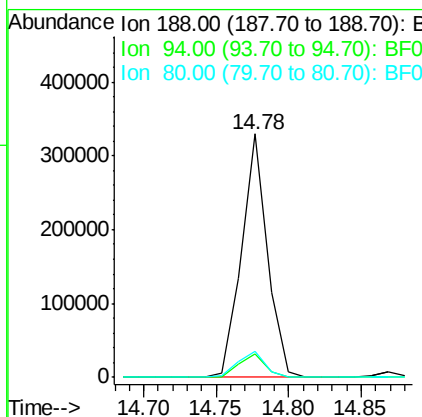
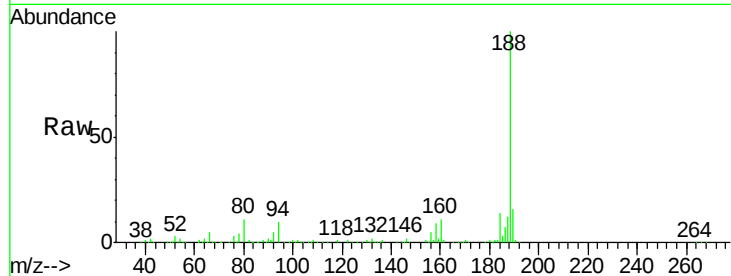
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	407194
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.8	10.2
80	10.6	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 8.52 ng

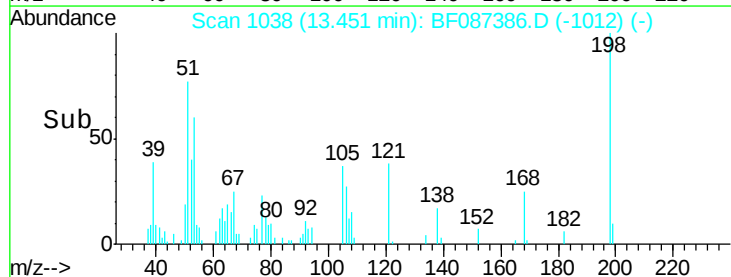
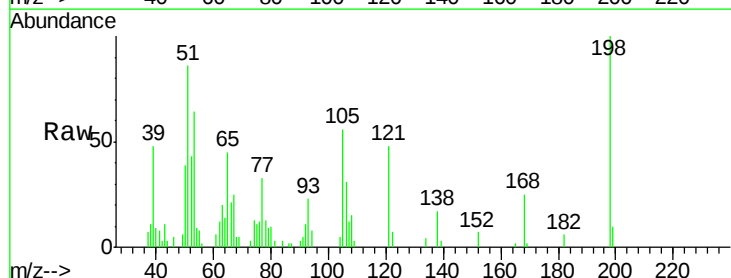
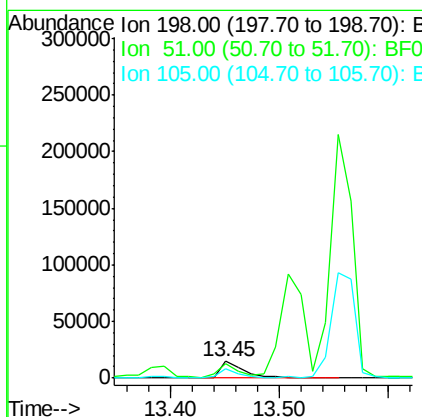
RT: 13.45 min Scan# 1038

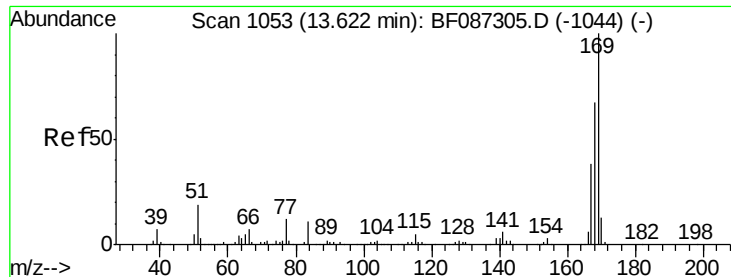
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	198	Resp:	22054
Ion Ratio	Lower	Upper	
198	100		
51	85.8	20.5	60.5#
105	55.9	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 44.33 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

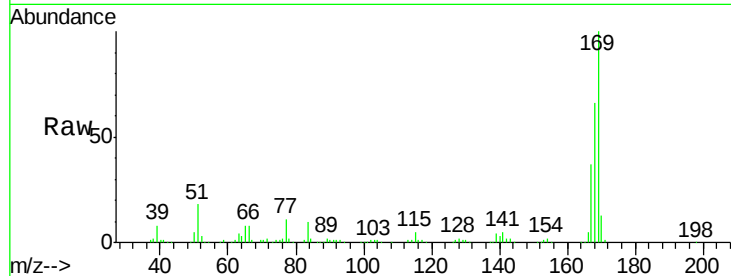
ClientSampleId :

SSTDCCC040

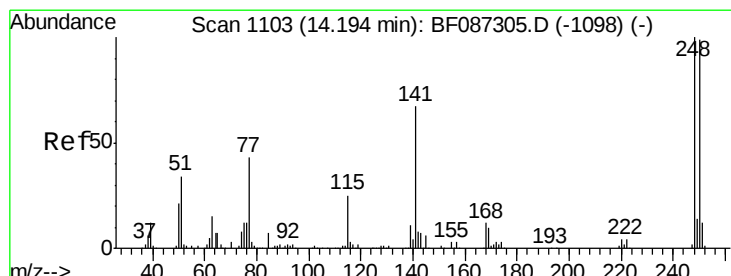
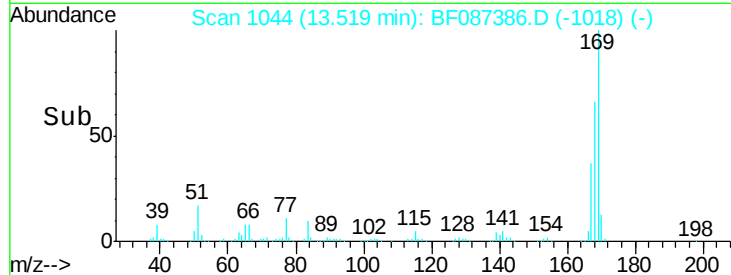
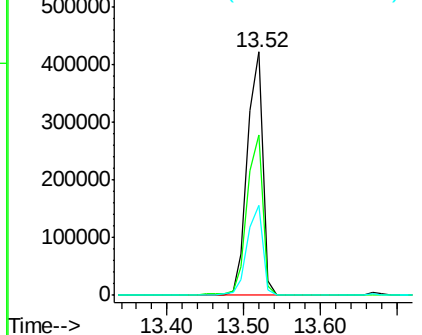
Tot Ion:	169	Resp:	583785
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.8	80.6
167	36.8	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.42 ng

RT: 14.09 min Scan# 1094

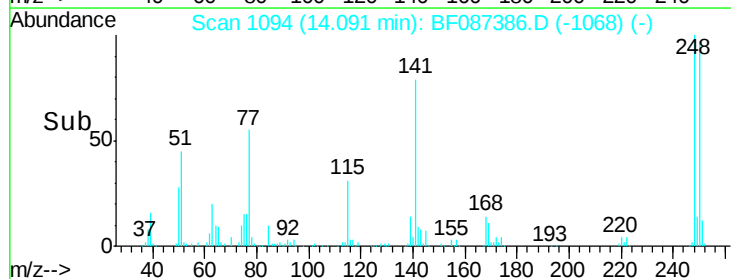
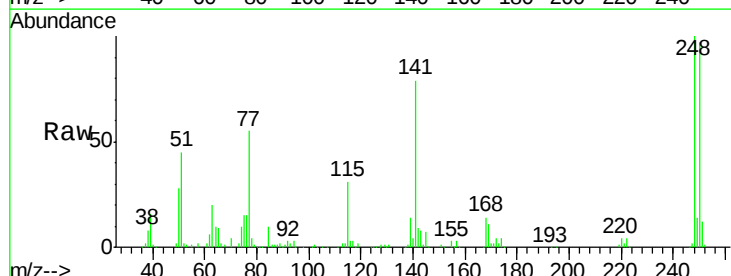
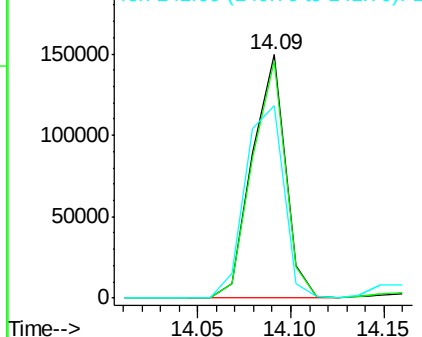
Delta R.T. 0.00 min

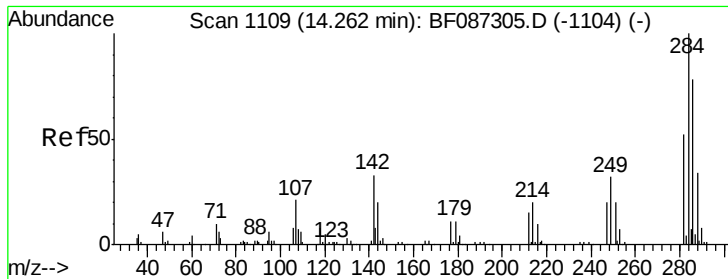
Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	248	Resp:	184502
Ion Ratio	Lower	Upper	
248	100		
250	97.3	78.6	117.8
141	79.0	76.0	114.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





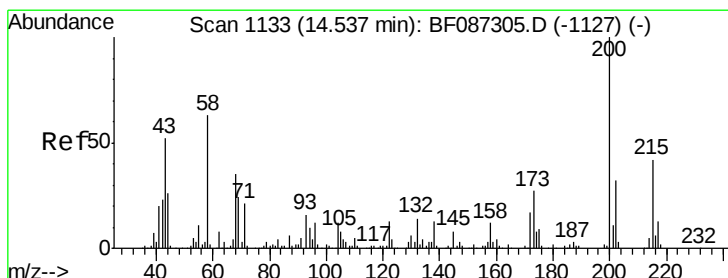
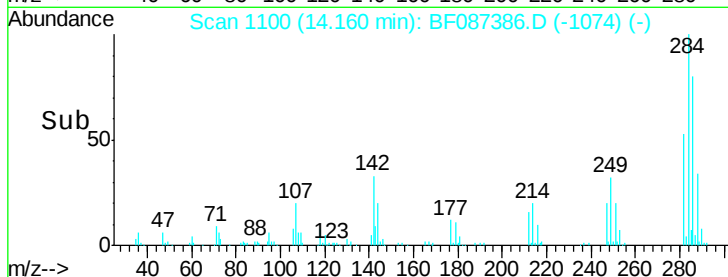
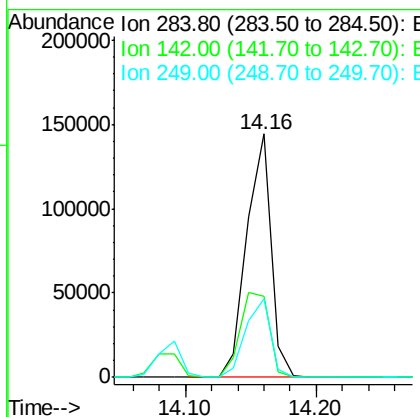
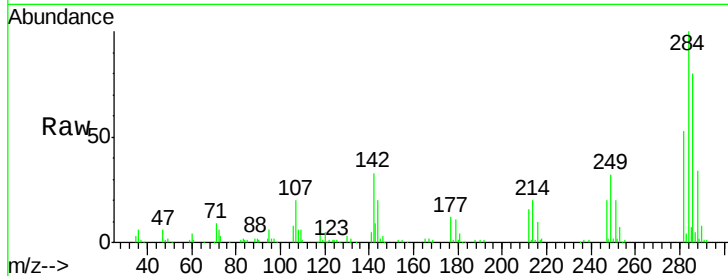
#67
Hexachlorobenzene
Concen: 40.24 ng
RT: 14.16 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	284	Resp:	187461
Ion Ratio	Lower	Upper	
284	100		
142	33.4	16.7	25.1#
249	32.5	21.3	31.9#

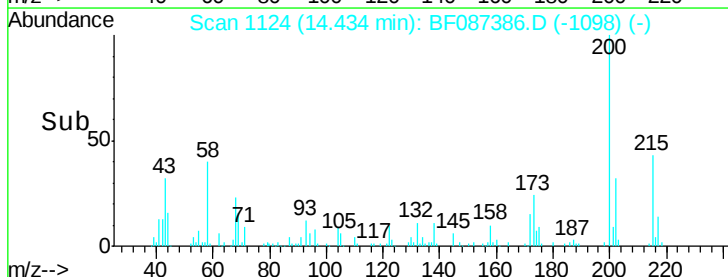
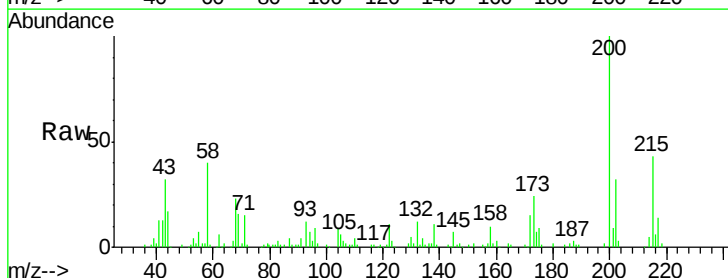
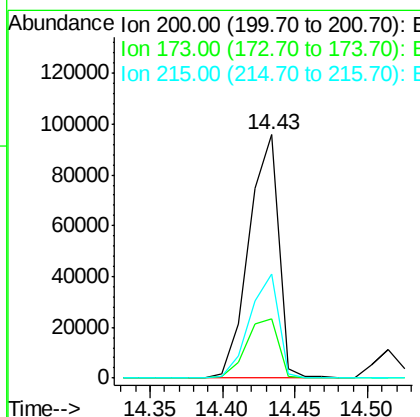
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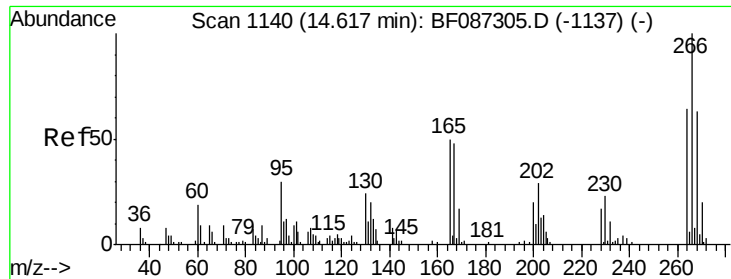
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#68
Atrazine
Concen: 32.50 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion:	200	Resp:	136421
Ion Ratio	Lower	Upper	
200	100		
173	24.2	8.5	48.5
215	42.9	27.2	67.2





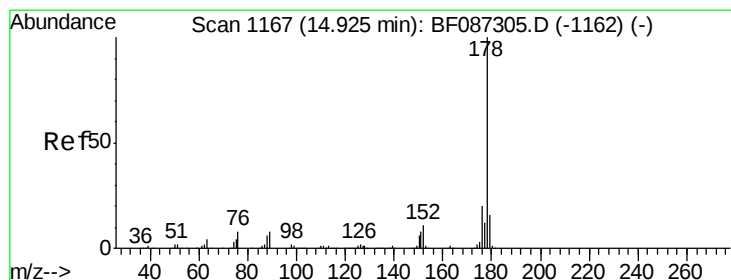
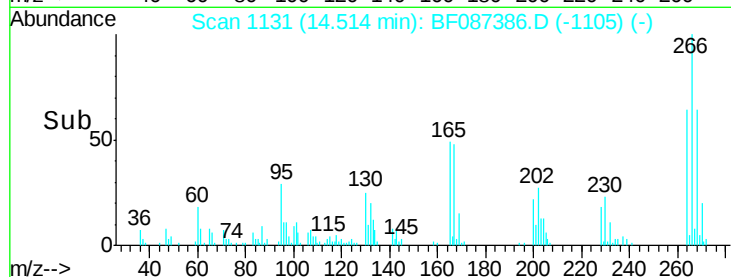
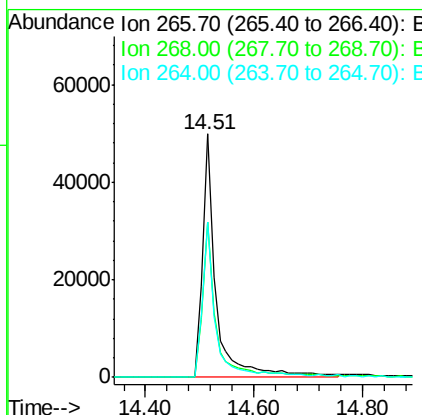
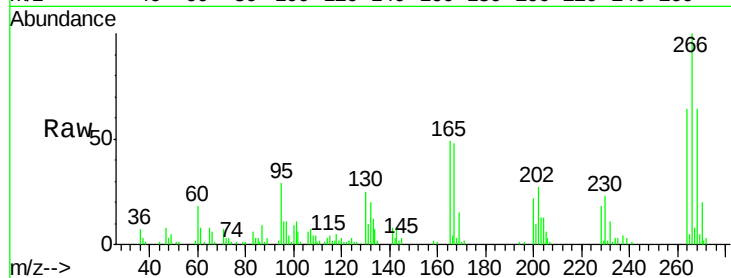
#69
 Pentachlorophenol
 Concen: 61.46 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.5	77.3
264	63.9	52.9	79.3

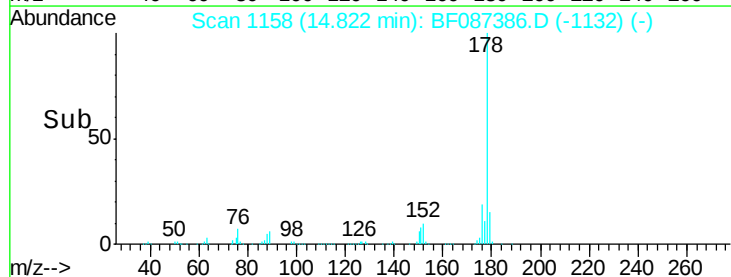
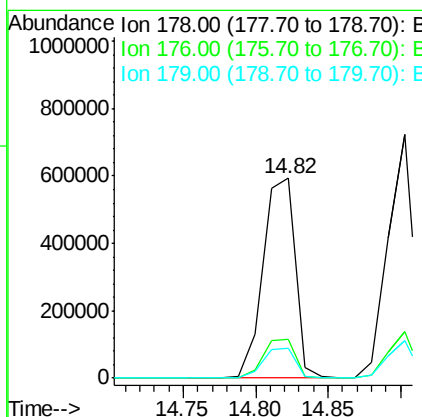
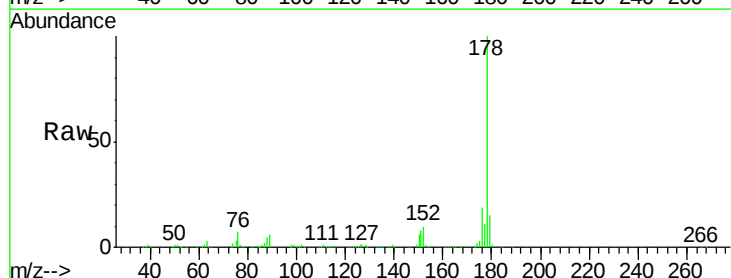
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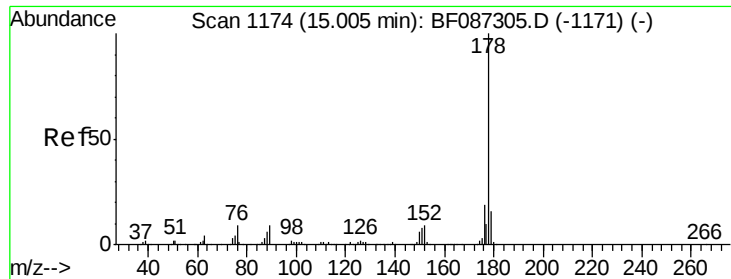
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#70
 Phenanthrene
 Concen: 40.45 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	14.9	12.6	18.8





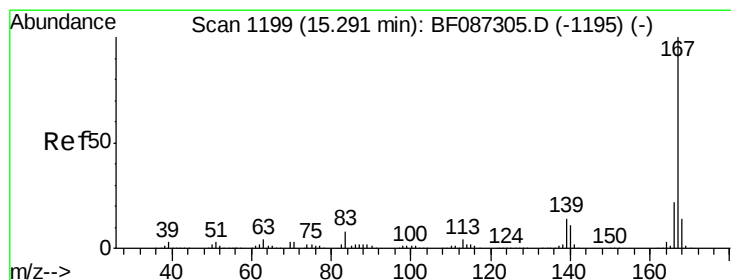
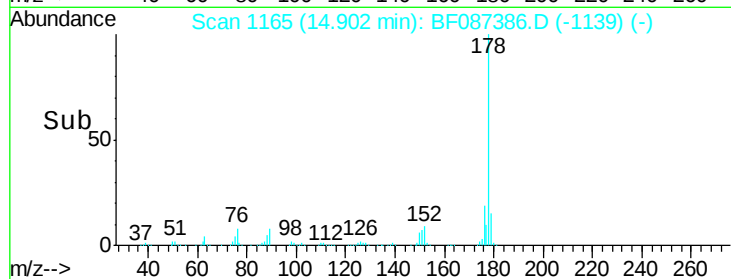
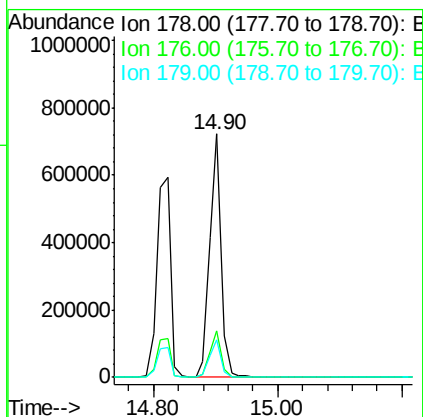
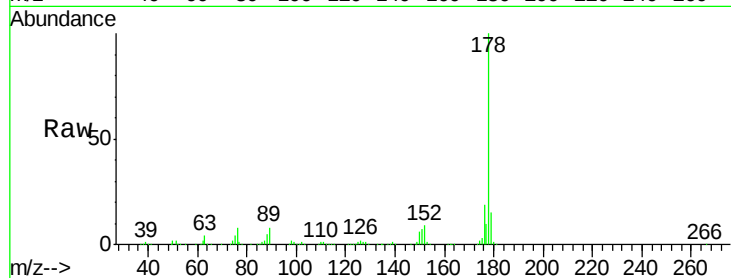
#71
 Anthracene
 Concen: 40.38 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.1	15.6	23.4		
179	15.3	12.7	19.1		

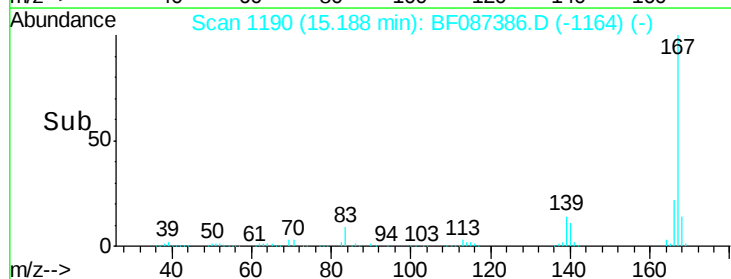
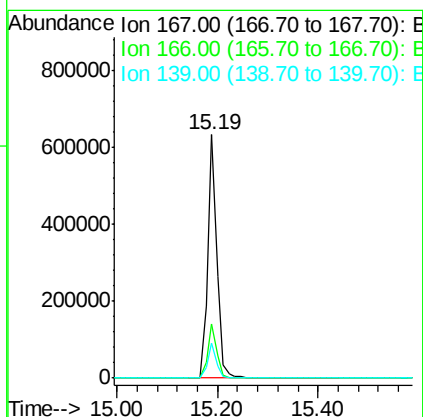
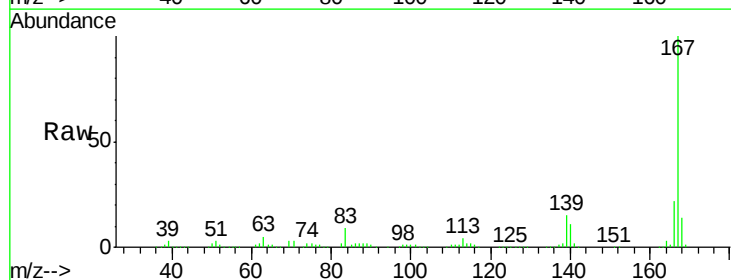
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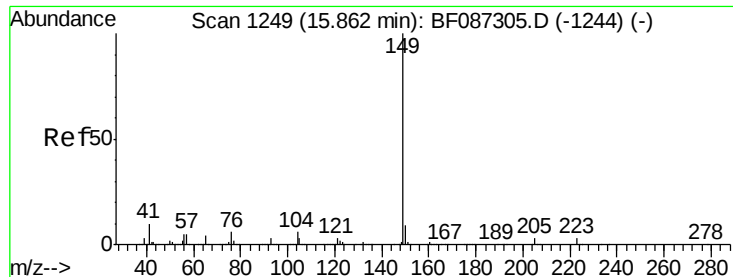
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#72
 Carbazole
 Concen: 40.58 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	17.7	26.5		
139	14.6	10.8	16.2		





#73

Di-n-butylphthalate

Concen: 40.56 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1019405

Ion Ratio Lower Upper

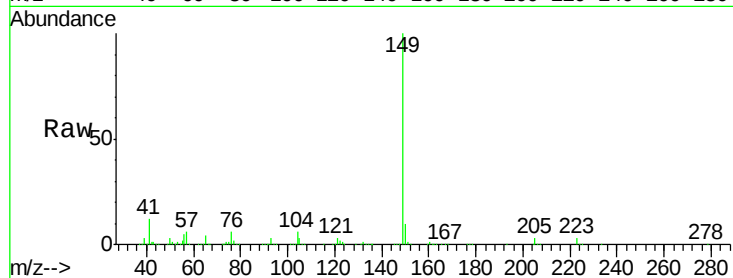
149 100

150 9.5 7.6 11.4

104 6.1 3.8 5.6#

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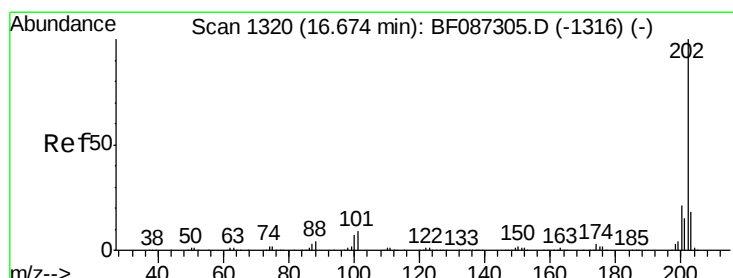
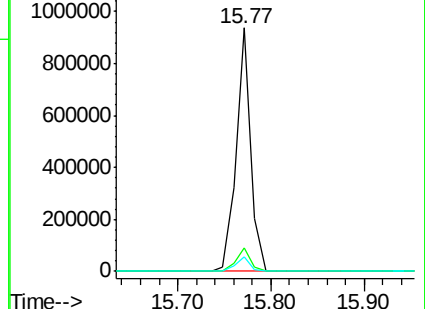
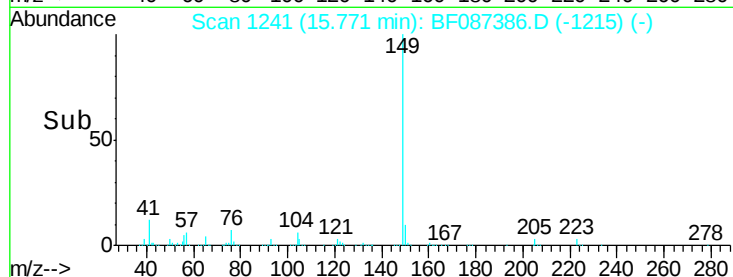
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.03 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

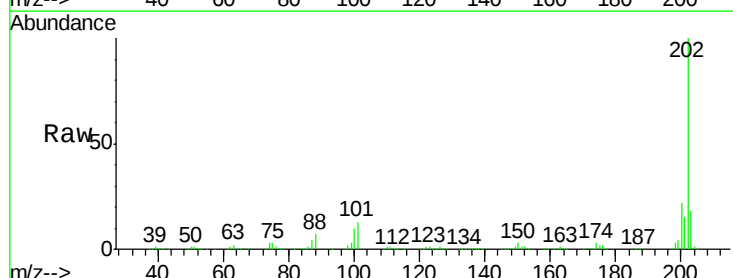
Tgt Ion:202 Resp: 905366

Ion Ratio Lower Upper

202 100

101 13.1 0.0 35.4

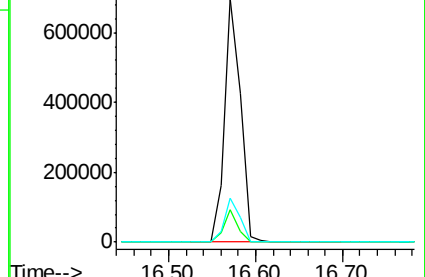
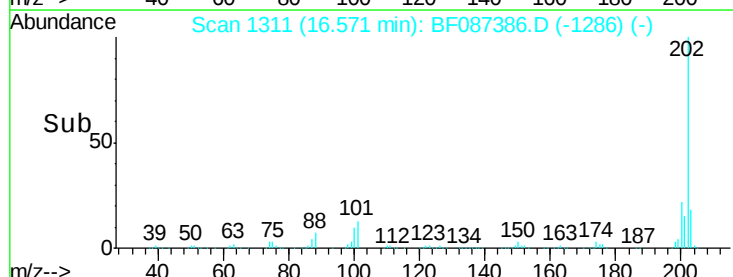
203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

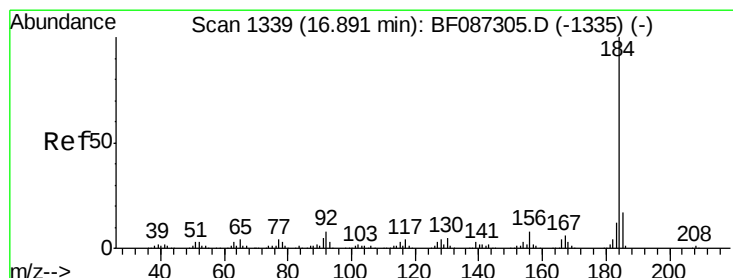
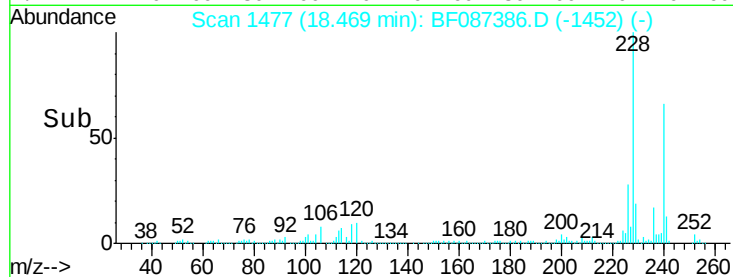
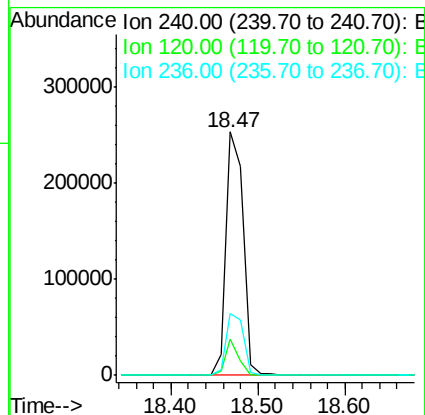
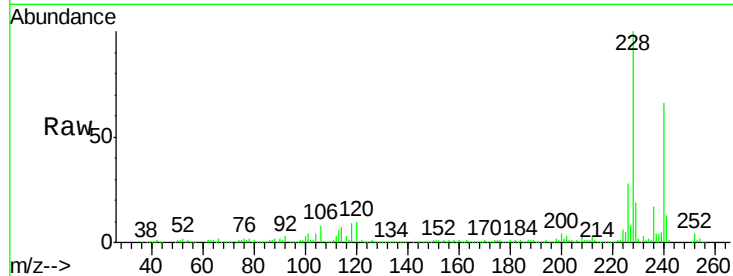
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	350364
Ion Ratio		Lower	Upper
240	100		
120	15.1	11.2	16.8
236	25.6	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 49.14 ng

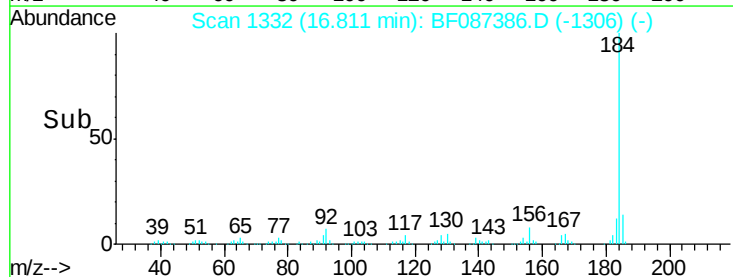
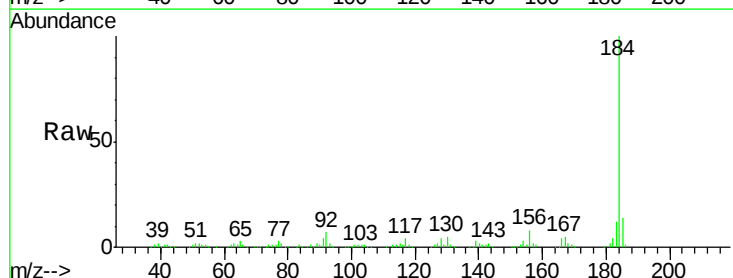
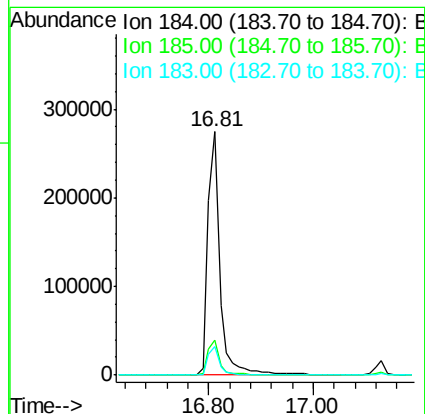
RT: 16.81 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	184	Resp:	442982
Ion Ratio		Lower	Upper
184	100		
185	14.5	13.6	20.4
183	11.7	9.8	14.6





#77

Pvrene

Concen: 37.04 ng

RT: 16.88 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

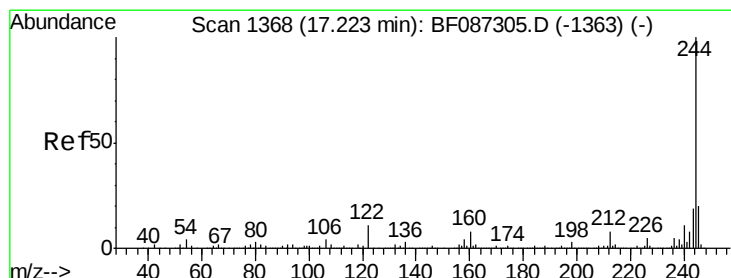
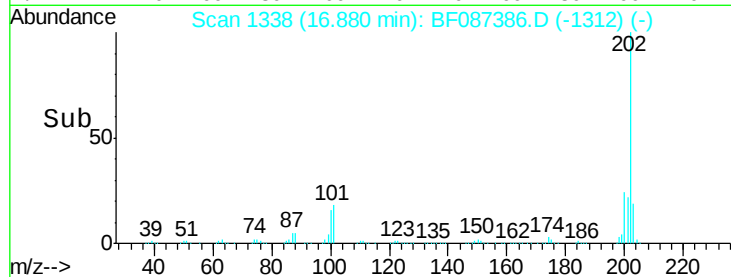
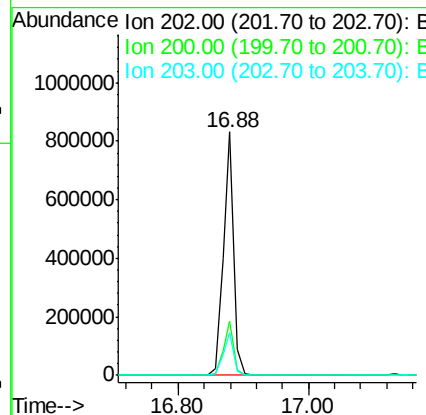
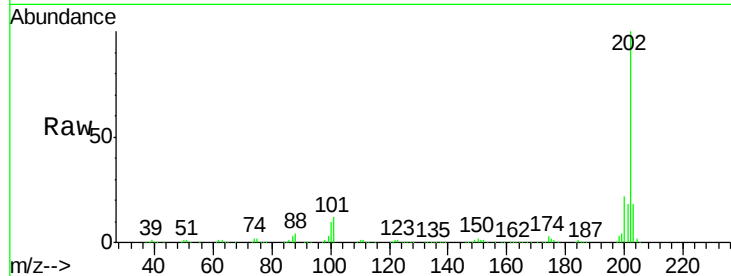
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	934058
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.5	14.2	21.4

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#78

Terphenyl-d14

Concen: 70.52 ng

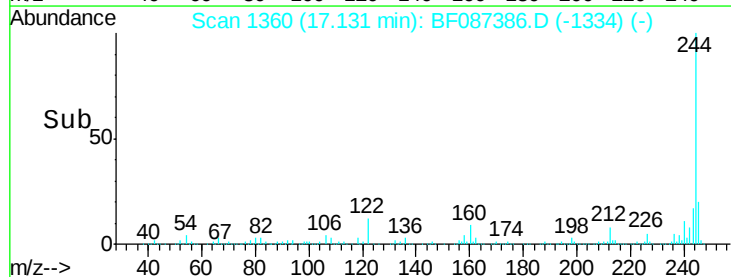
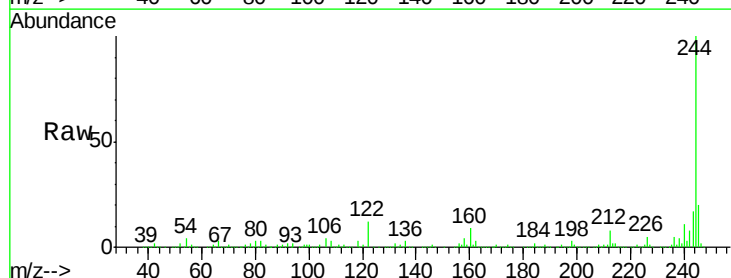
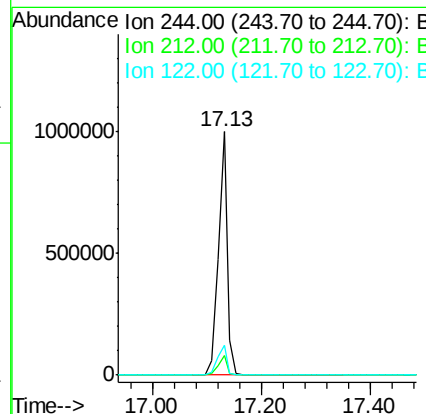
RT: 17.13 min Scan# 1360

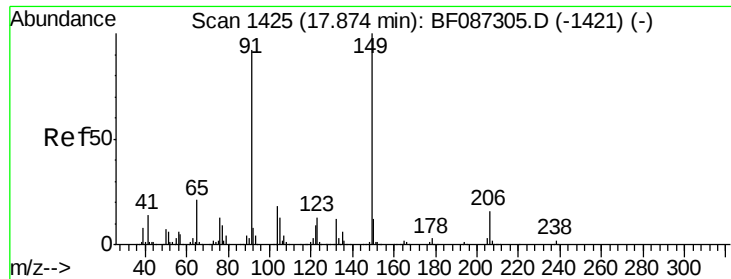
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	244	Resp:	1162186
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.4	12.0	18.0





#79

Butylbenzylphthalate

Concen: 38.05 ng

RT: 17.79 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

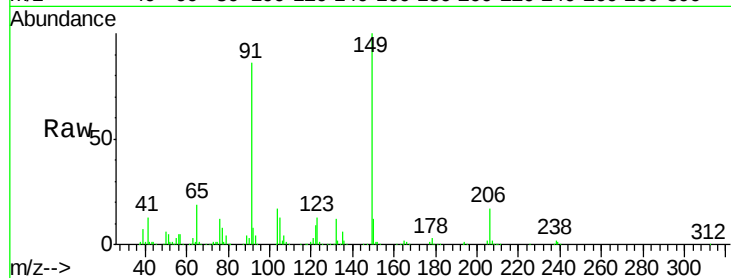
ClientSampleId :

SSTDCCC040

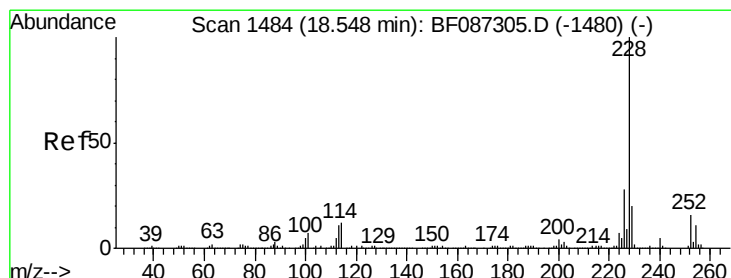
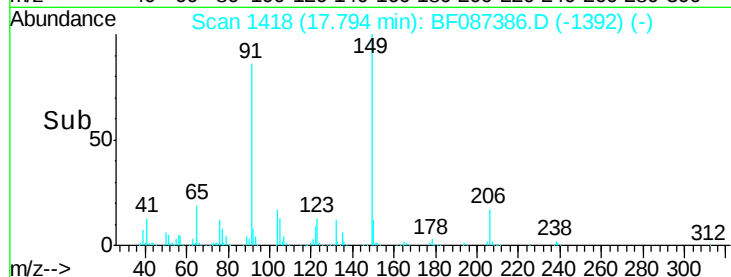
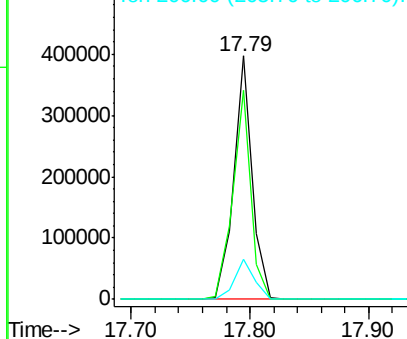
Tot Ion:	149	Resp:	425573
Ion Ratio	Lower	Upper	
149	100		
91	85.9	48.0	72.0#
206	16.6	15.8	23.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.07 ng

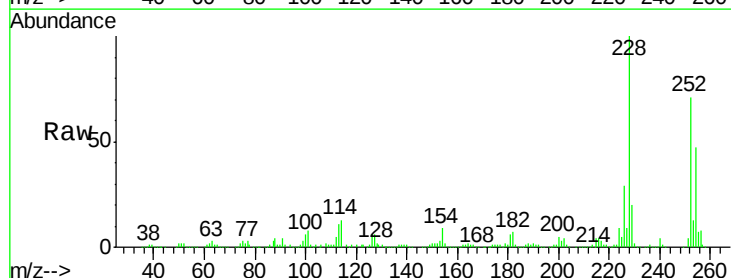
RT: 18.46 min Scan# 1476

Delta R.T. 0.00 min

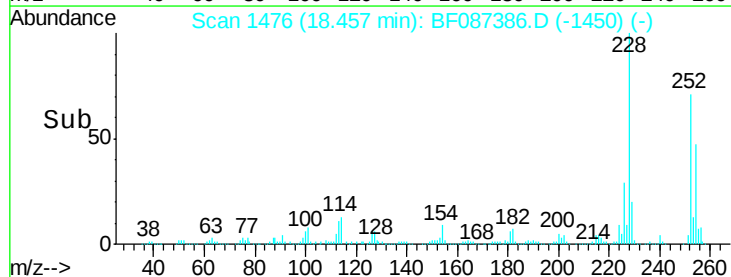
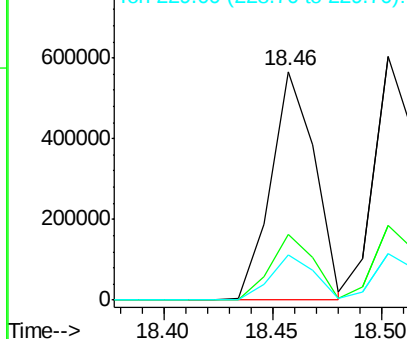
Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion:	228	Resp:	798540
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.5	33.7
229	20.0	16.6	25.0



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





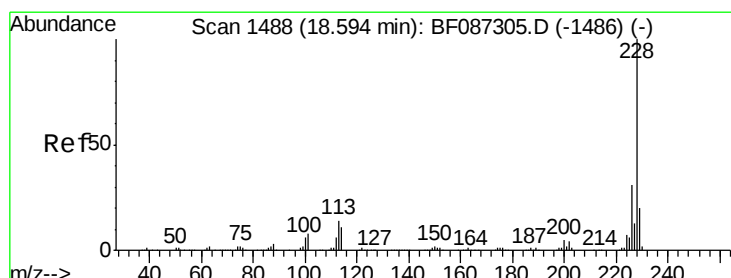
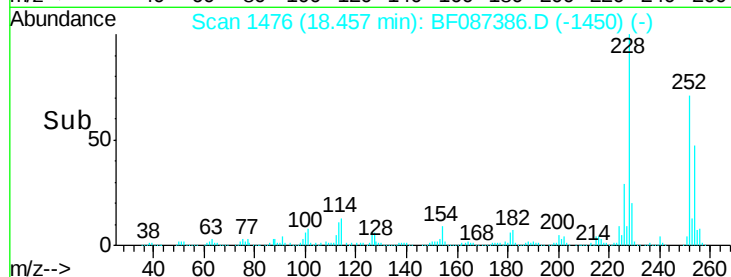
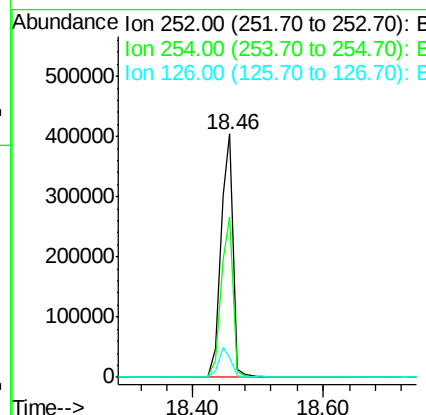
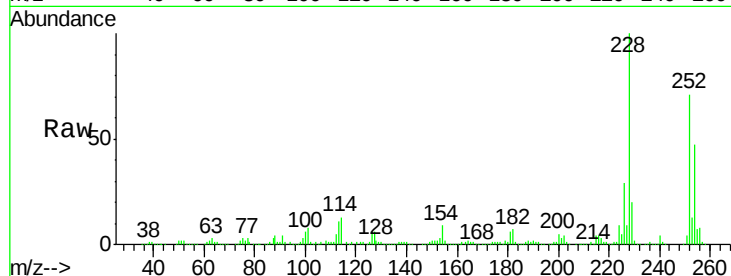
#81
 3,3'-Dichlorobenzidine
 Concen: 48.82 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	537452		
254	65.7	50.7	76.1	
126	8.3	12.7	19.1	

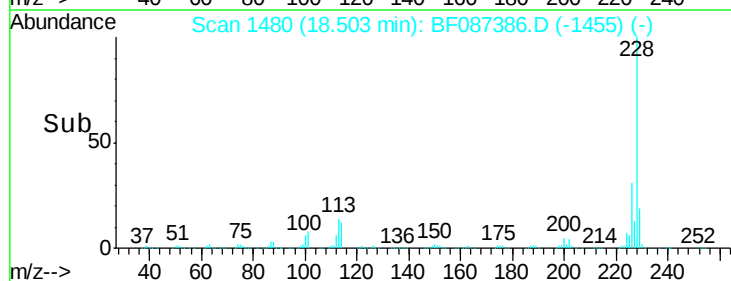
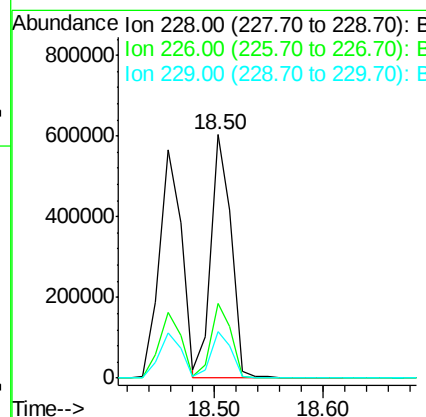
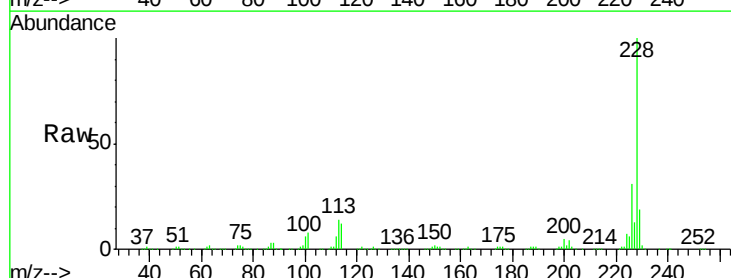
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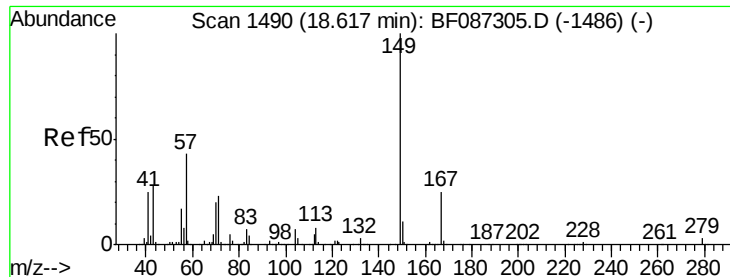
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#82
 Chrysene
 Concen: 39.86 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	788361		
226	30.9	24.4	36.6	
229	19.4	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.14 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 606193

Ion Ratio Lower Upper

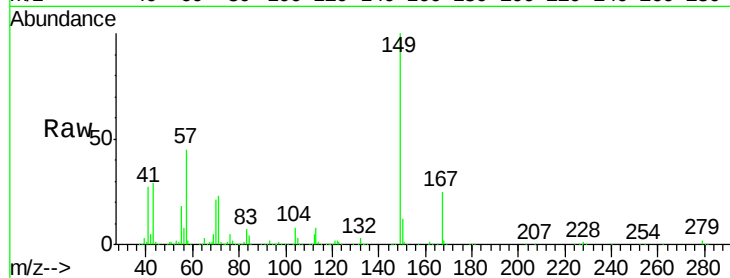
149 100

167 24.5 21.8 32.6

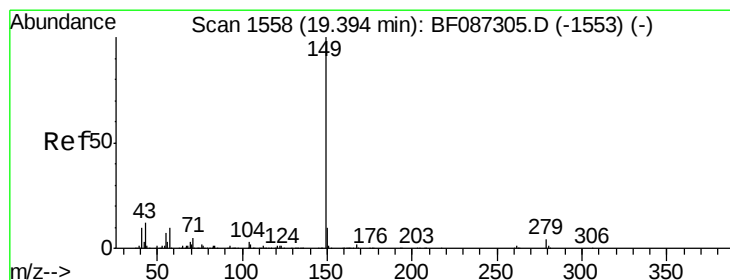
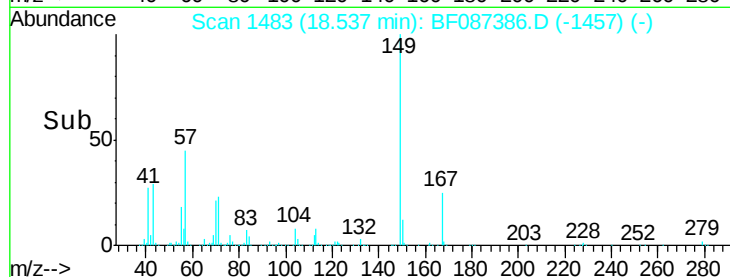
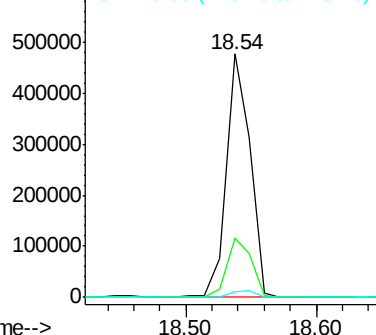
279 2.4 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.51 ng

RT: 19.31 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

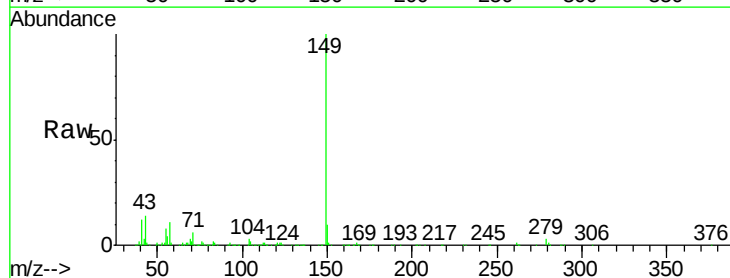
Tgt Ion:149 Resp: 1033198

Ion Ratio Lower Upper

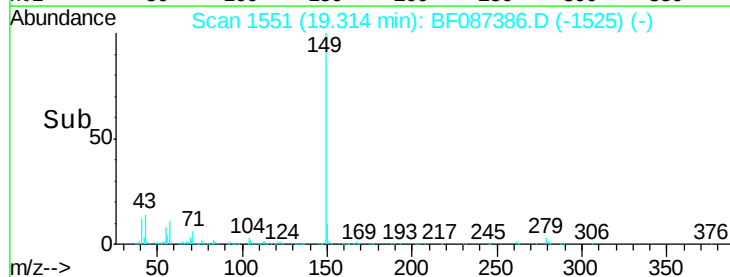
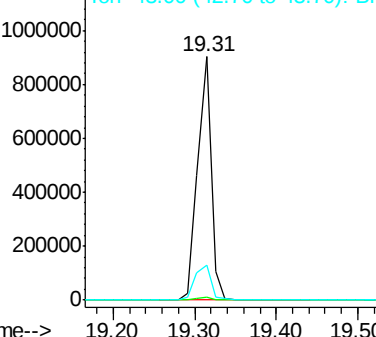
149 100

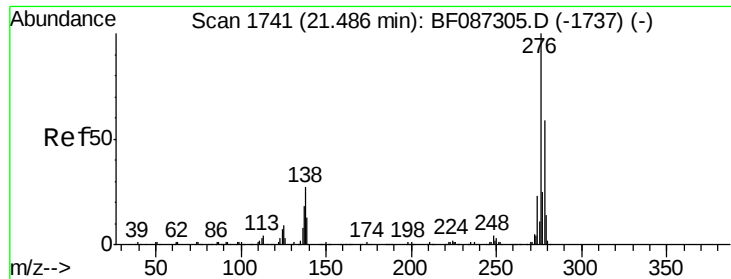
167 1.5 1.2 1.8

43 17.1 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





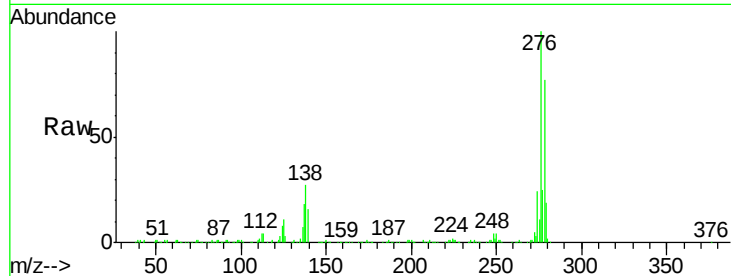
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.01 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

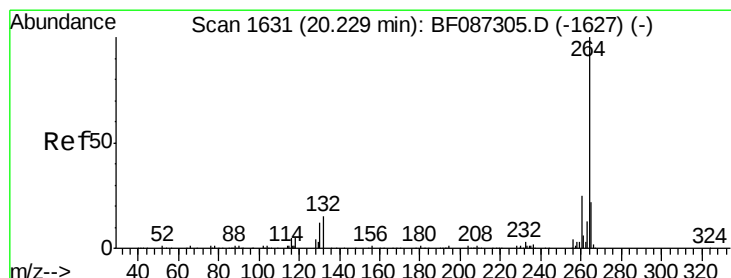
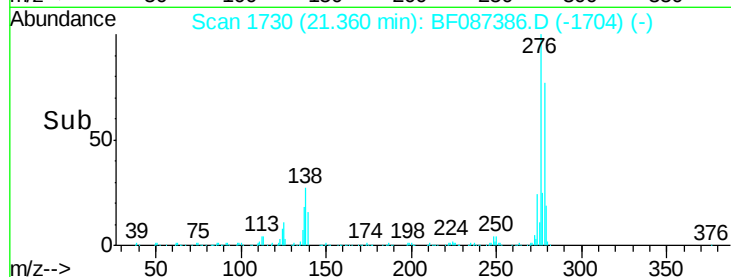
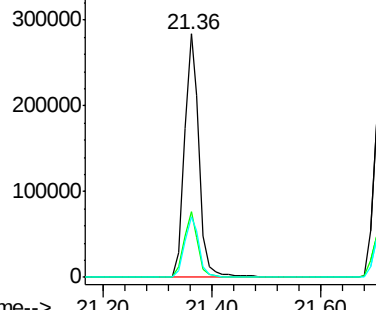
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
277	25.0	20.5	30.7

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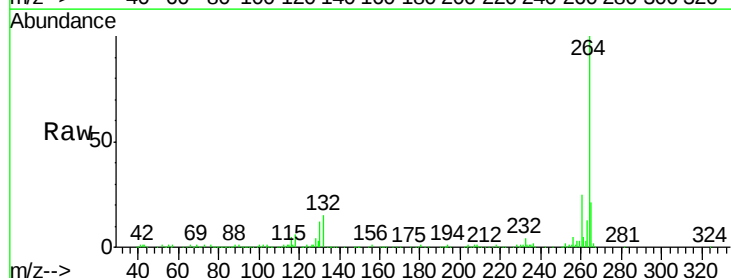


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

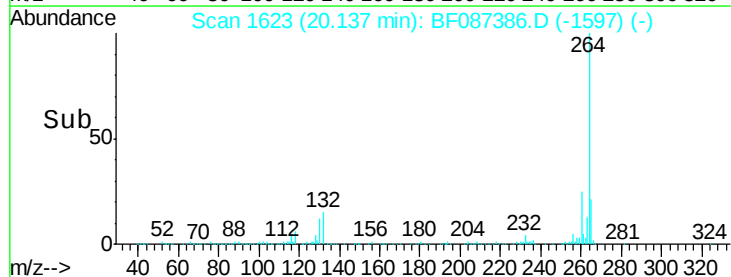
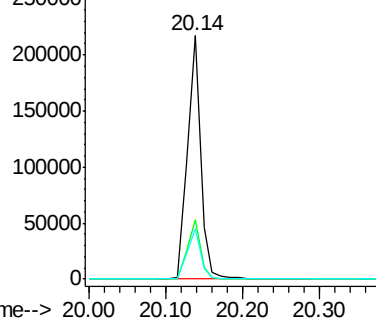


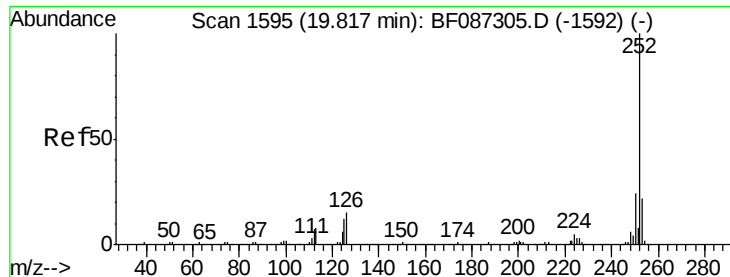
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.7	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 42.96 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Instrument :

BNA_F

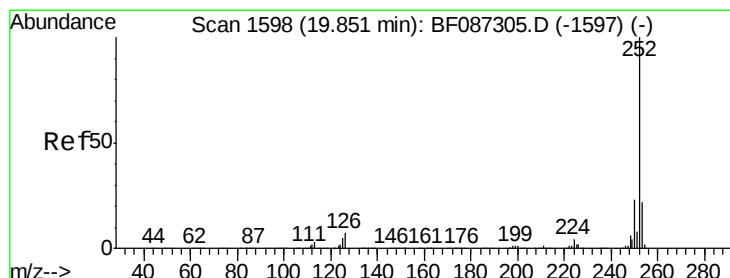
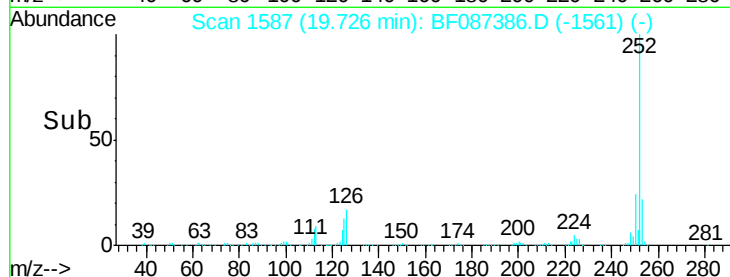
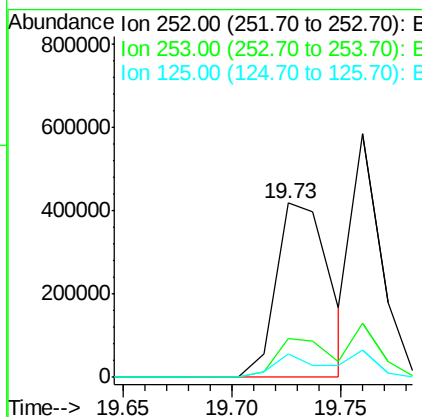
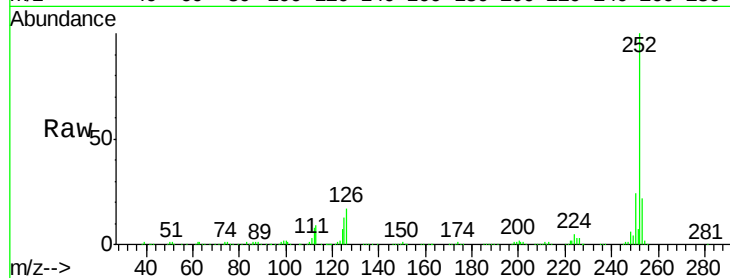
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	712580		
253	22.1		17.8	26.6
125	13.2		11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 38.25 ng m

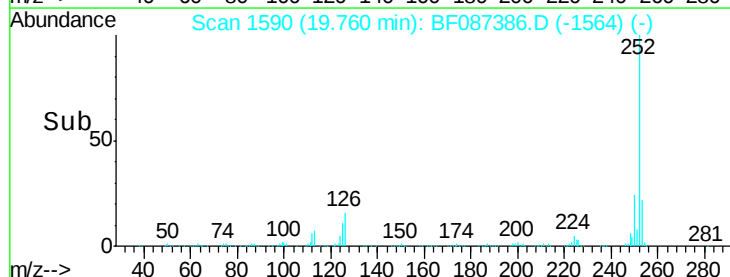
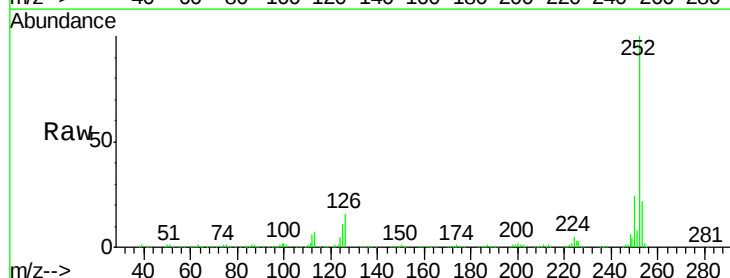
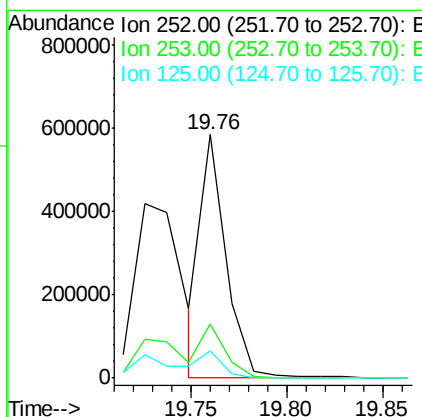
RT: 19.76 min Scan# 1590

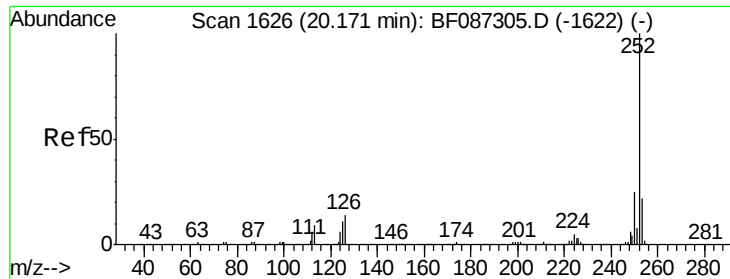
Delta R.T. 0.00 min

Lab File: BF087386.D

Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	546088		
253	22.5		17.8	26.6
125	11.0		9.1	13.7





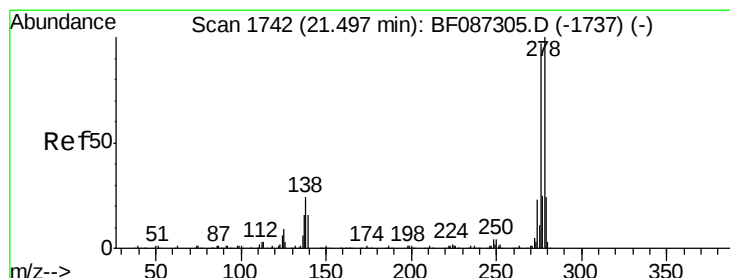
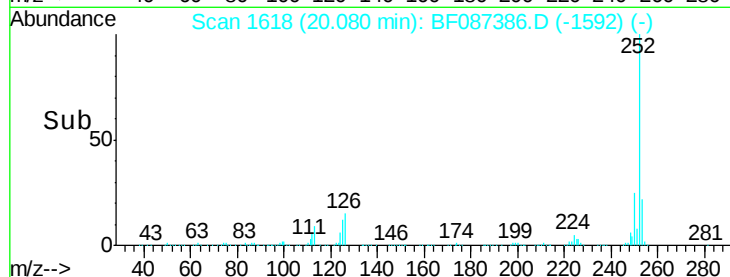
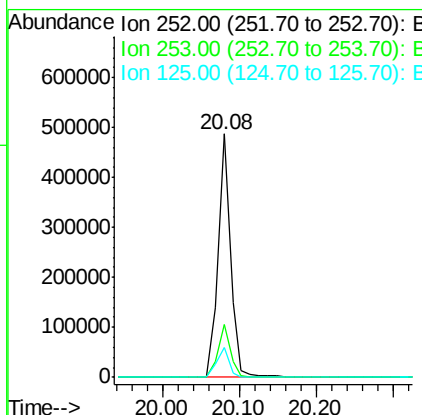
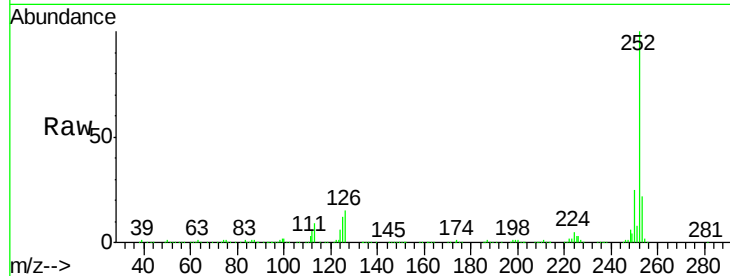
#89
Benzo(a)pyrene
Concen: 38.72 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.2	9.0	13.6

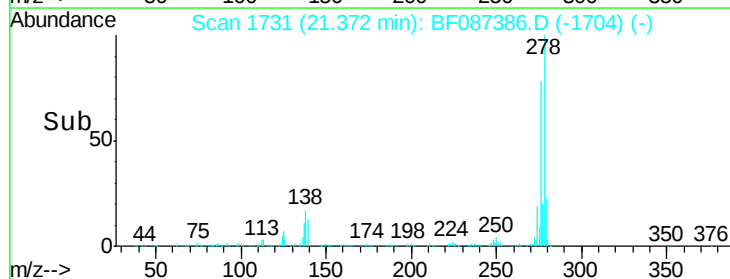
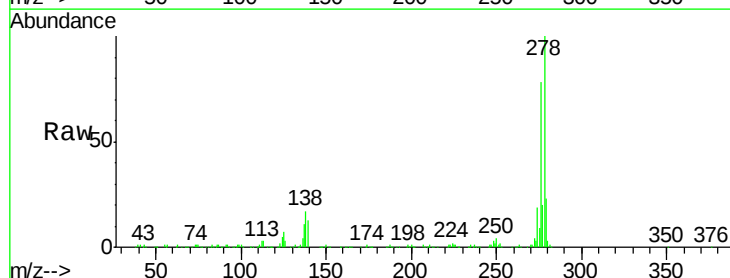
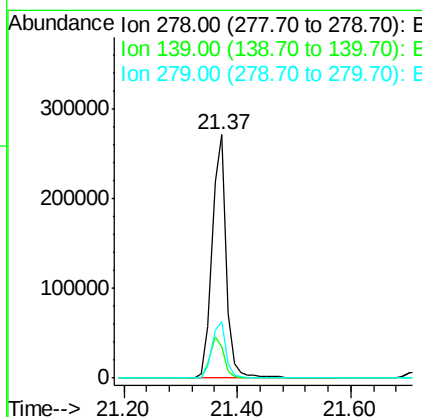
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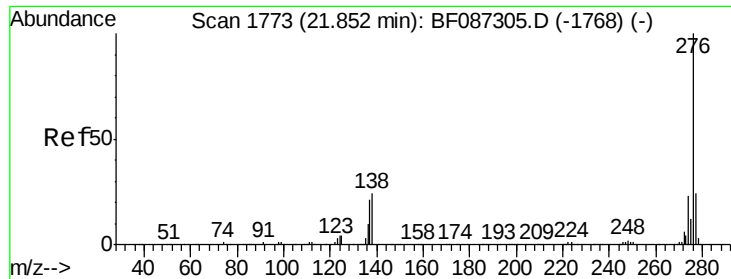
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#90
Dibenzo(a,h)anthracene
Concen: 37.26 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087386.D
Acq: 25 May 2016 23:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	16.6	24.8#
279	23.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.36 ng
 RT: 21.71 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF087386.D
 Acq: 25 May 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	426892
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.6	29.4
138	20.0	23.6	35.4

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