

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086774.D
 Acq On : 7 May 2016 15:14
 Operator : UM/SJ
 Sample : H2779-01MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:39 PM

Quant Time: May 09 16:53:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180985	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	749909	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	346132	40.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	589163	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	349048	40.00	ng	-0.03
86) Perylene-d12	15.23	264	323743	40.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1437685	131.51	ng	0.00
7) Phenol-d6	6.37	99	2013917	136.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	1479417	101.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	499554	147.54	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1986367	94.07	ng	-0.03
78) Terphenyl-d14	12.81	244	1776978	102.89	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	205395	36.35	ng	# 72
3) Pyridine	3.01	79	481916	34.78	ng	# 58
4) n-Nitrosodimethylamine	2.94	42	451232	53.69	ng	# 49
6) Aniline	6.38	93	284849	15.67	ng	# 1
8) 2-Chlorophenol	6.50	128	600286	45.76	ng	89
9) Benzaldehyde	6.26	77	88499	12.05	ng	99
10) Phenol	6.38	94	613857	38.10	ng	# 54
11) bis(2-Chloroethyl)ether	6.45	93	568545	41.00	ng	84
12) 1,3-Dichlorobenzene	6.65	146	648429	46.55	ng	100
13) 1,4-Dichlorobenzene	6.73	146	650595	45.17	ng	99
14) 1,2-Dichlorobenzene	6.88	146	566170	45.14	ng	98
15) Benzyl Alcohol	6.86	79	440464	46.23	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1269539	44.78	ng	53
17) 2-Methylphenol	6.99	107	504399	47.75	ng	# 80
18) Hexachloroethane	7.22	117	253830	46.68	ng	# 83
19) n-Nitroso-di-n-propylamine	7.14	70	471295	46.84	ng	# 69
20) 3+4-Methylphenols	7.15	107	674934	54.57	ng	# 60
22) Acetophenone	7.13	105	878352	50.27	ng	98
24) Nitrobenzene	7.30	77	676782	44.86	ng	97
25) Isophorone	7.54	82	1302851	47.94	ng	98
26) 2-Nitrophenol	7.62	139	352060	52.30	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	509697	43.12	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	800761	53.53	ng	99
29) 2,4-Dichlorophenol	7.87	162	512628	50.44	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	560103	49.40	ng	99
31) Naphthalene	8.02	128	1861964	48.60	ng	99
32) Benzoic acid	7.77	122	10982m	10.38	ng	
33) 4-Chloroaniline	8.08	127	93185	6.28	ng	# 91
34) Hexachlorobutadiene	8.13	225	316219	49.12	ng	98
35) Caprolactam	8.48	113	166398m	52.90	ng	
36) 4-Chloro-3-methylphenol	8.58	107	550952	47.52	ng	92
37) 2-Methylnaphthalene	8.70	142	1102110m	48.76	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	498771	49.78	ng	98
40) Hexachlorocyclopentadiene	8.85	237	486923	103.49	ng	96

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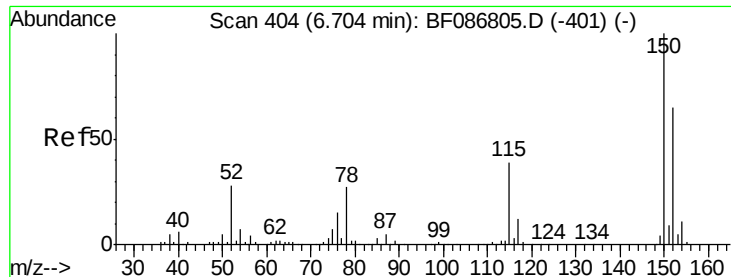
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	336841	52.87	ng	94
43) 2,4,5-Trichlorophenol	9.05	196	356158	53.51	ng	96
45) 1,1'-Biphenyl	9.17	154	1431354	50.58	ng	97
46) 2-Chloronaphthalene	9.20	162	1078538	49.39	ng	96
47) 2-Nitroaniline	9.30	65	359741	46.34	ng	# 73
48) Acenaphthylene	9.61	152	1481857	45.71	ng	99
49) Dimethylphthalate	9.48	163	1462359	56.67	ng	99
50) 2,6-Dinitrotoluene	9.55	165	298448	53.90	ng	# 75
51) Acenaphthene	9.78	154	988287	46.22	ng	99
52) 3-Nitroaniline	9.71	138	121903	19.36	ng	# 73
53) 2,4-Dinitrophenol	9.82	184	129879	65.21	ng	87
54) Dibenzofuran	9.95	168	1273299	48.04	ng	93
55) 4-Nitrophenol	9.90	139	333853	90.96	ng	# 48
56) 2,4-Dinitrotoluene	9.95	165	329268	47.98	ng	# 79
57) Fluorene	10.29	166	1066701	49.66	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	292720	59.88	ng	97
59) Diethylphthalate	10.18	149	1090843	44.67	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	456652	44.72	ng	96
61) 4-Nitroaniline	10.34	138	260684	43.10	ng	# 76
62) Azobenzene	10.44	77	1285678	47.51	ng	84
64) 4,6-Dinitro-2-methylphenol	10.36	198	167488	53.87	ng	84
65) n-Nitrosodiphenylamine	10.41	169	904087	48.33	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	303407	51.82	ng	95
67) Hexachlorobenzene	10.83	284	333890	46.76	ng	# 64
68) Atrazine	10.94	200	277557	48.41	ng	95
69) Pentachlorophenol	11.04	266	340012	96.81	ng	97
70) Phenanthrene	11.25	178	1553054	49.08	ng	99
71) Anthracene	11.30	178	1481364	44.70	ng	99
72) Carbazole	11.46	167	1269316	44.11	ng	98
73) Di-n-butylphthalate	11.79	149	1565381	45.82	ng	# 97
74) Fluoranthene	12.43	202	1505737	47.48	ng	96
76) Benzidine	12.57	184	105186	16.47	ng	97
77) Pyrene	12.66	202	1552186	55.78	ng	99
79) Butylbenzylphthalate	13.28	149	691625	59.34	ng	# 63
80) Benzo(a)anthracene	13.84	228	1008918	51.11	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	158970	12.81	ng	# 95
82) Chrysene	13.88	228	1117439	53.06	ng	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	836110	61.99	ng	# 94
84) Di-n-octyl phthalate	14.45	149	1504186	75.79	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.53	276	991291	54.86	ng	95
87) Benzo(b)fluoranthene	14.84	252	1208857m	62.14	ng	
88) Benzo(k)fluoranthene	14.88	252	751629m	41.01	ng	
89) Benzo(a)pyrene	15.17	252	890176	49.68	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	824298	47.89	ng	96
91) Benzo(g,h,i)perylene	16.92	276	831298	46.00	ng	# 92

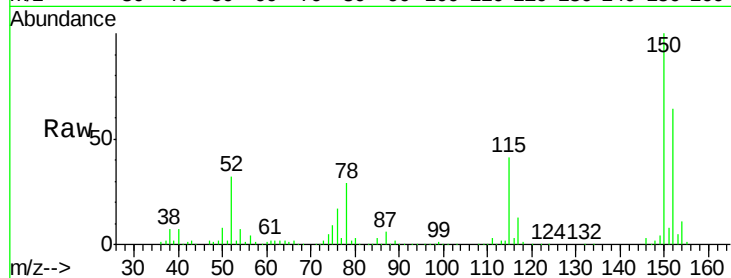
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

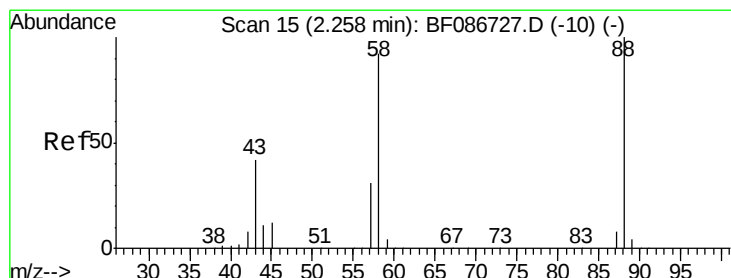
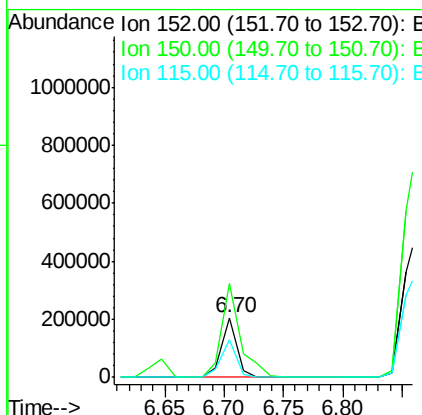
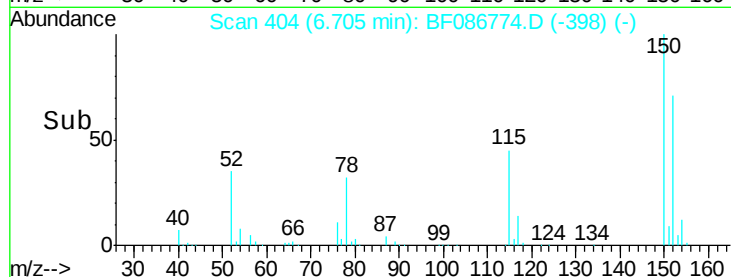
Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.8	188.6
115	64.2	51.5	77.3

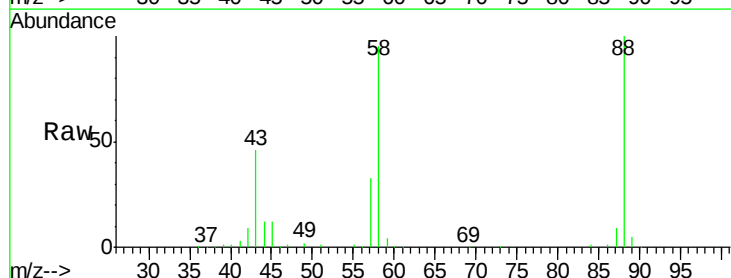
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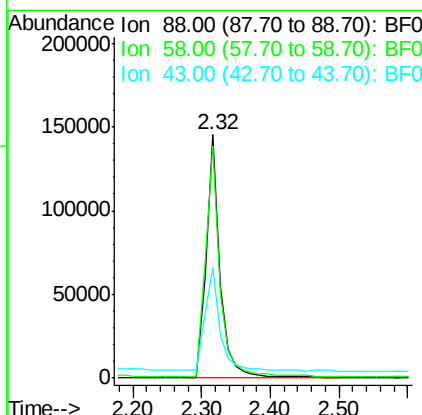
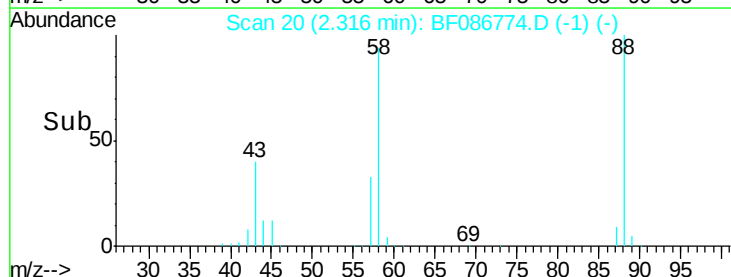


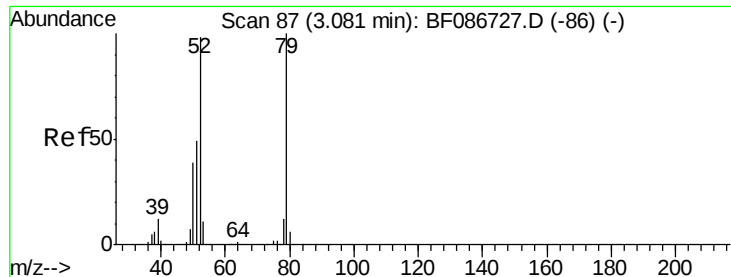
#2

1,4-Dioxane
Concen: 36.35 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14



Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.0	59.6	89.4#
43	45.6	21.8	32.6#





#3

Pyridine

Concen: 34.78 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086774.D

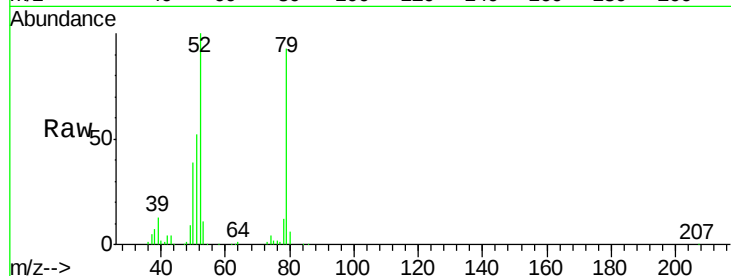
Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

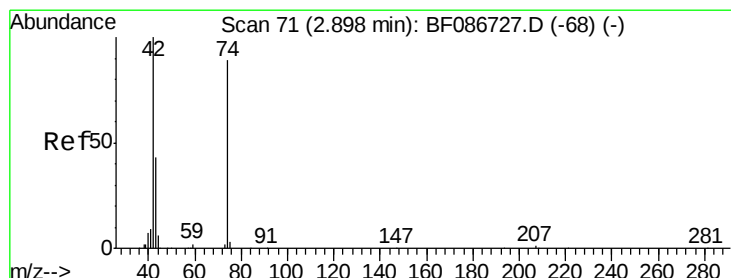
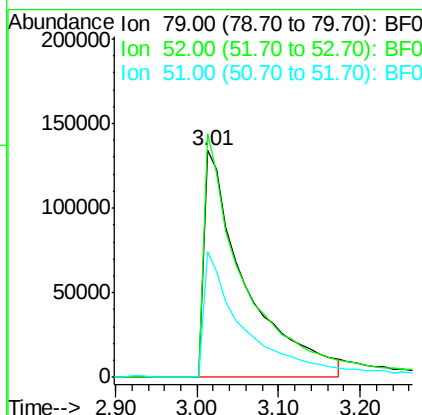
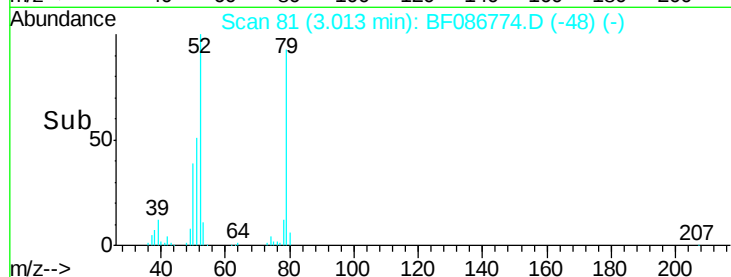
RODNEY-AVE-PS(0-2)KMS



Tgt Ion	Ratio	Lower	Upper
79	100		
52	107.5	55.9	83.9#
51	55.5	28.1	42.1#

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#4

n-Nitrosodimethylamine

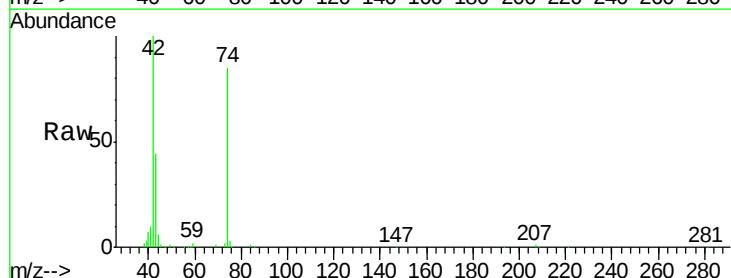
Concen: 53.69 ng

RT: 2.94 min Scan# 75

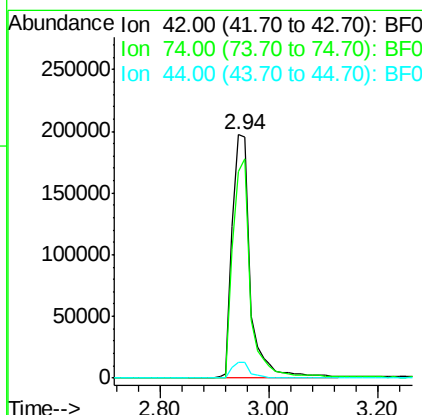
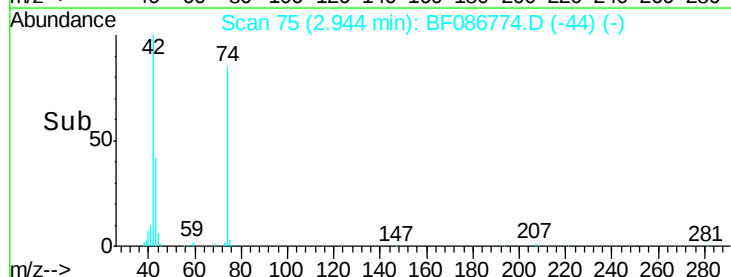
Delta R.T. 0.06 min

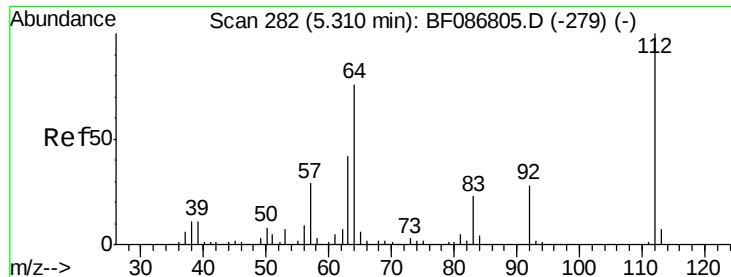
Lab File: BF086774.D

Acq: 7 May 2016 15:14



Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.9	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 131.51 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion: 112 Resp: 1437685

Ion Ratio Lower Upper

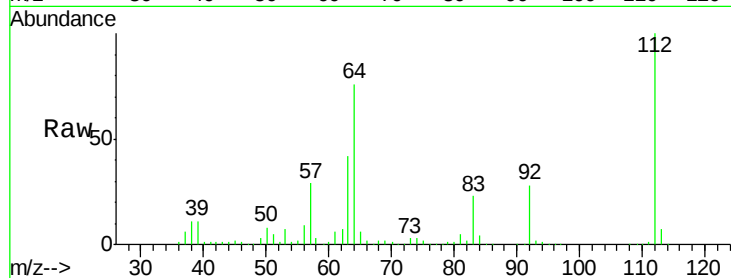
112 100

64 75.6 52.1 78.1

63 41.9 25.7 38.5#

Manual Integrations
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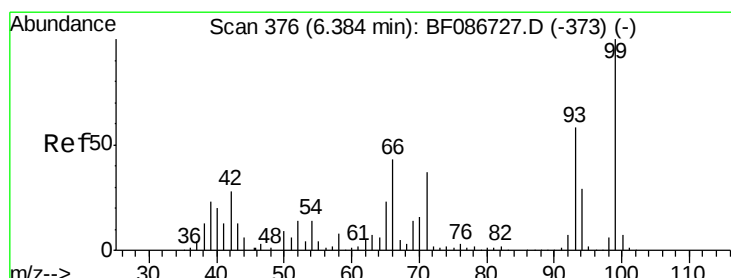
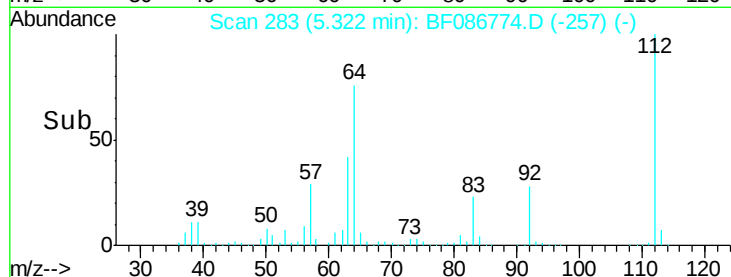
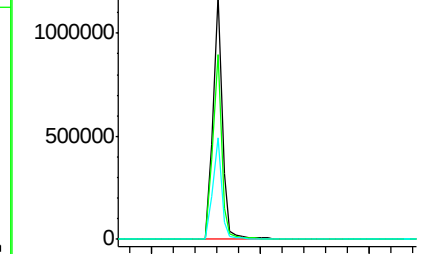
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.67 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

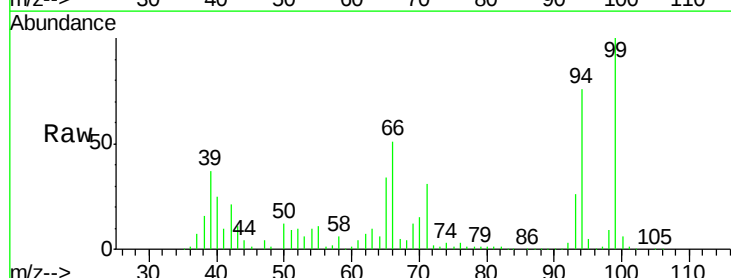
Tgt Ion: 93 Resp: 284849

Ion Ratio Lower Upper

93 100

66 195.9 39.0 58.6#

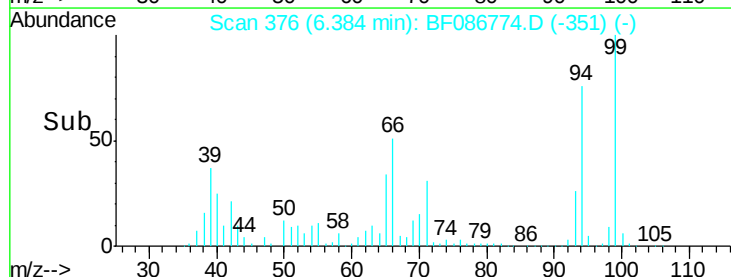
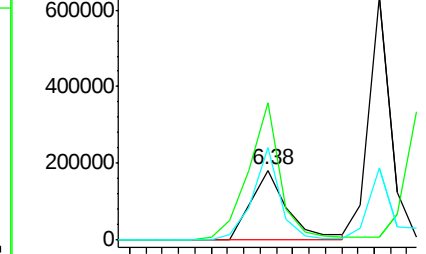
65 131.9 20.6 31.0#

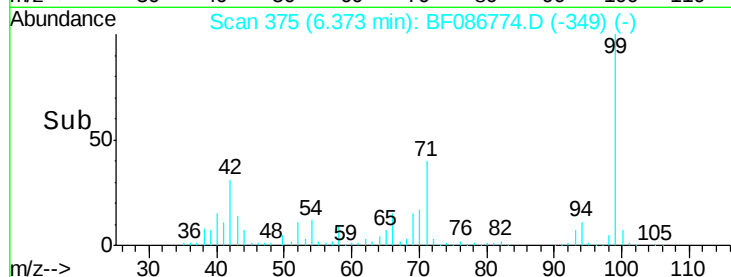
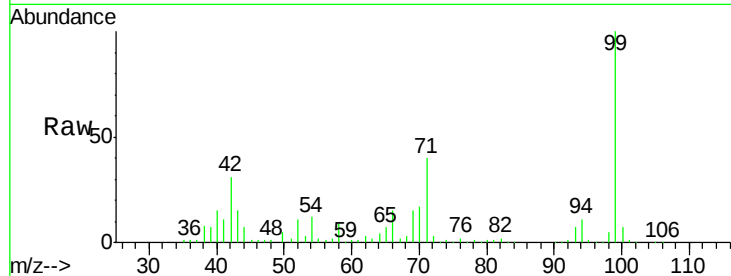
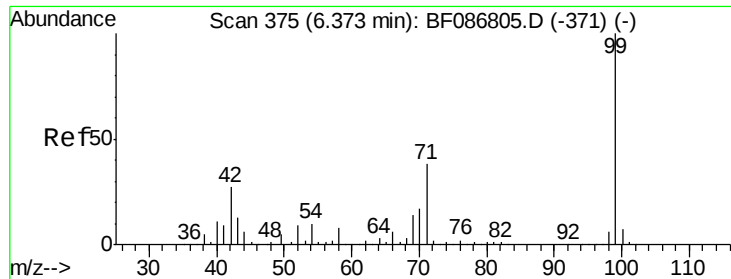


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.75 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	99	Resp:	2013917
Ion Ratio	Lower	Upper	
99	100		
42	30.7	13.6	20.4#
71	39.9	24.6	36.8#

Instrument :

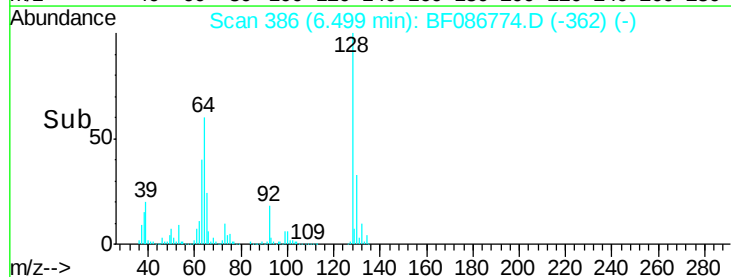
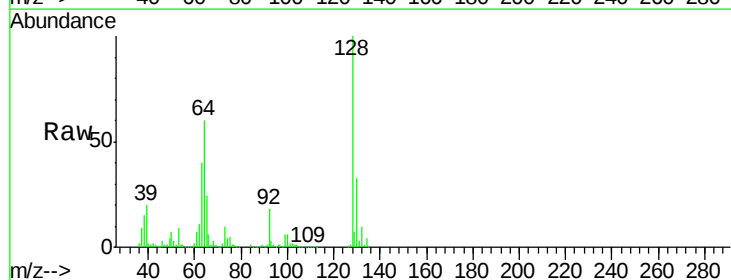
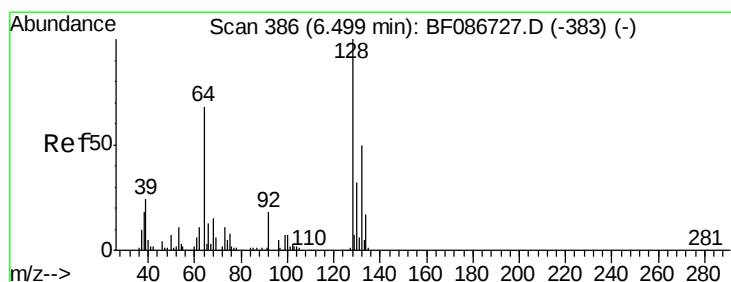
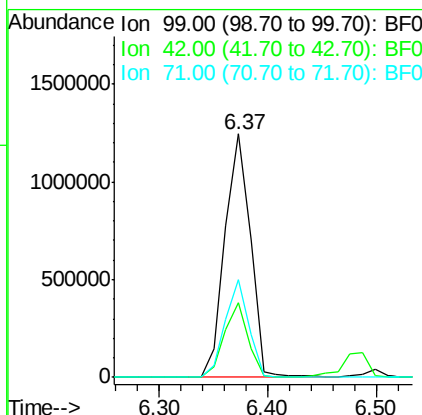
BNA_F

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RODNEY-AVE-PS(0-2)KMS

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#8

2-Chlorophenol

Concen: 45.76 ng

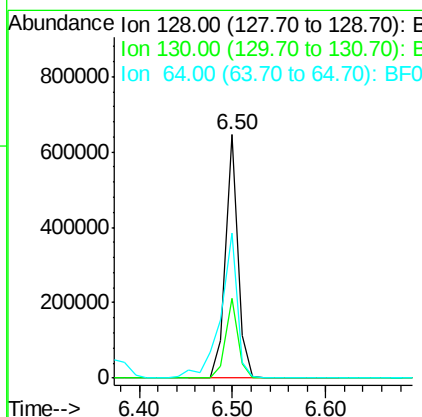
RT: 6.50 min Scan# 386

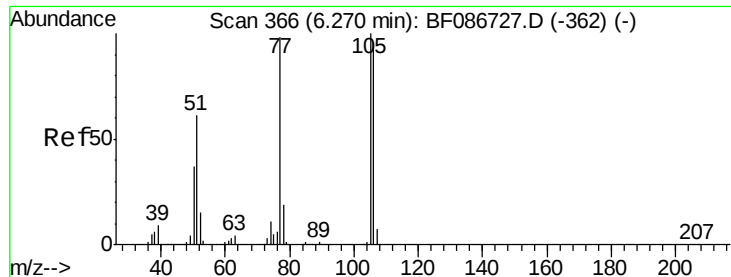
Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	128	Resp:	600286
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.5	52.5
64	59.8	27.3	67.3





#9

Benzaldehyde

Concen: 12.05 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

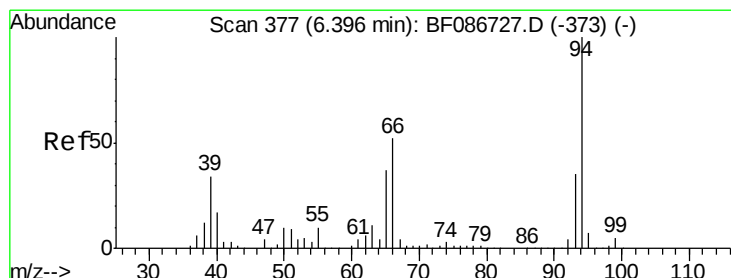
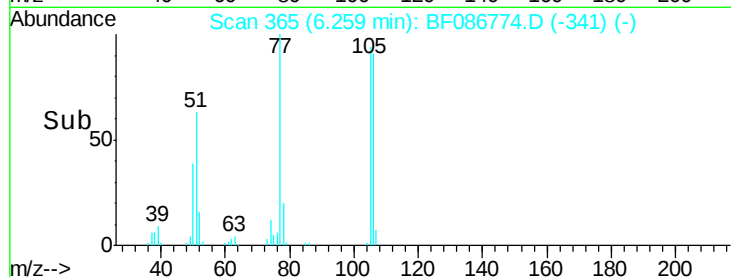
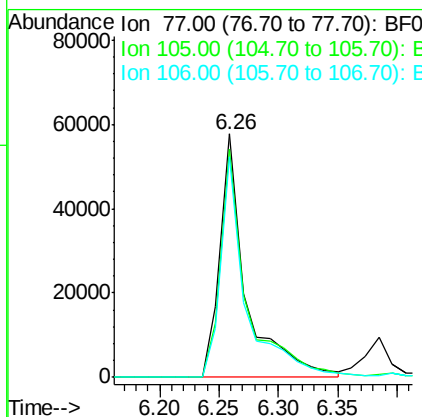
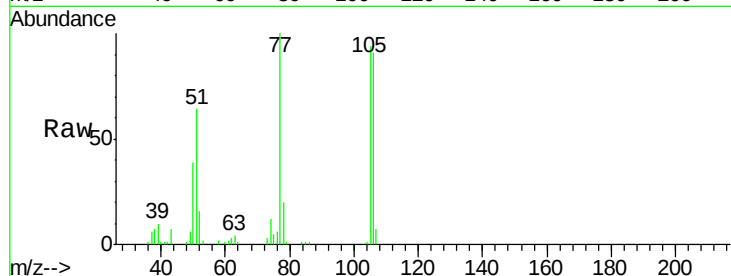
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

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Tgt Ion:	77	Resp:	88499
Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.7	112.7
106	90.8	70.8	110.8



#10

Phenol

Concen: 38.10 ng

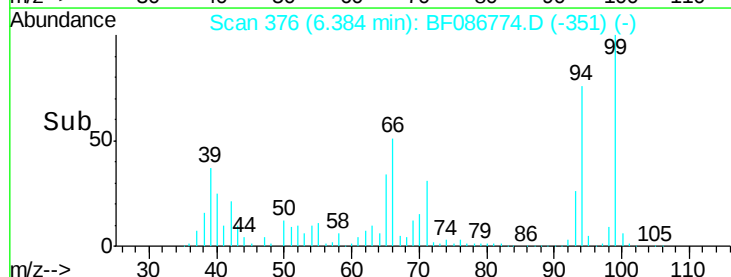
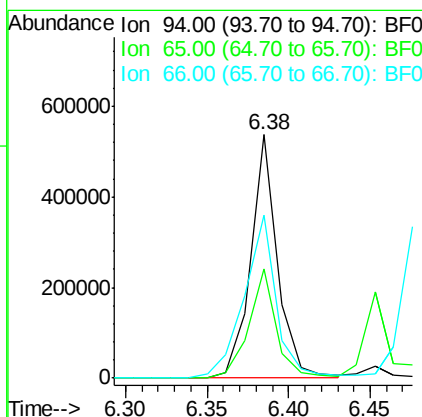
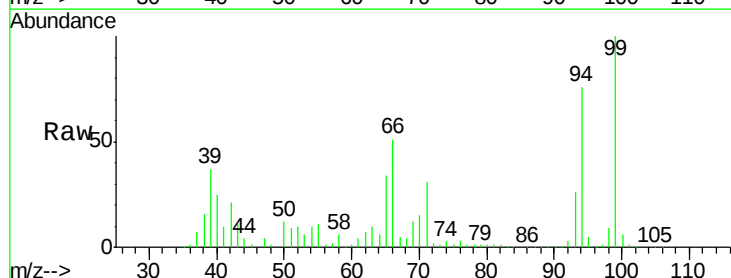
RT: 6.38 min Scan# 376

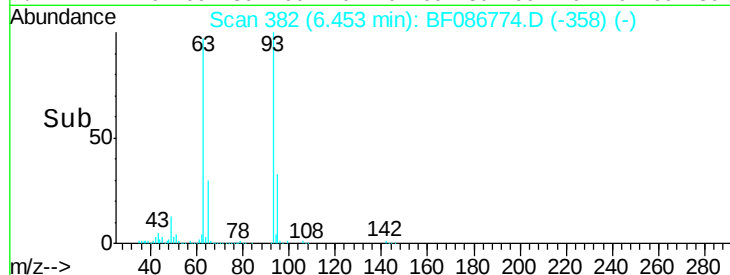
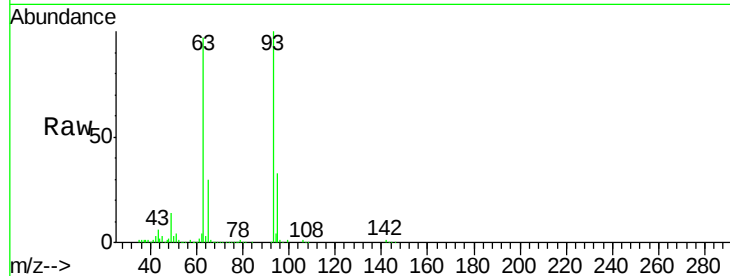
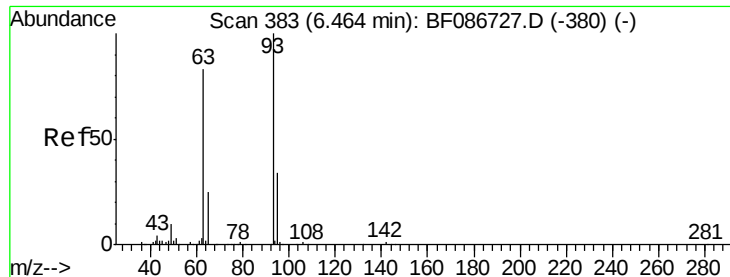
Delta R.T. -0.01 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	94	Resp:	613857
Ion	Ratio	Lower	Upper
94	100		
65	44.9	7.2	47.2
66	66.7	14.9	54.9#





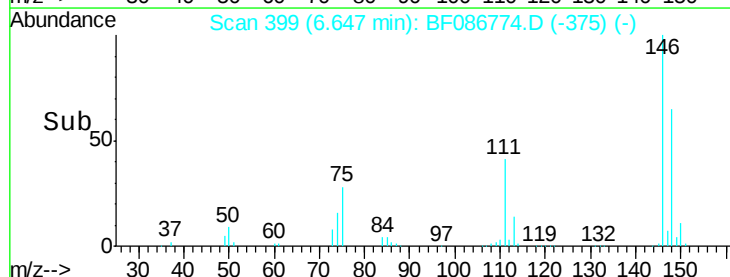
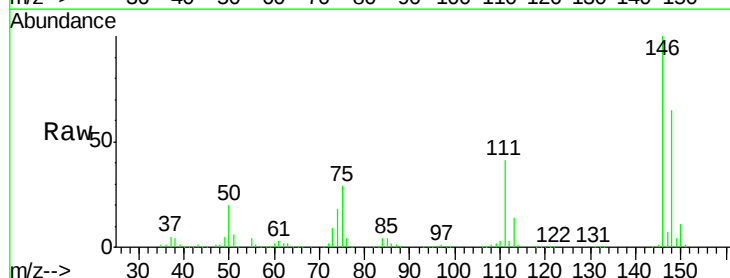
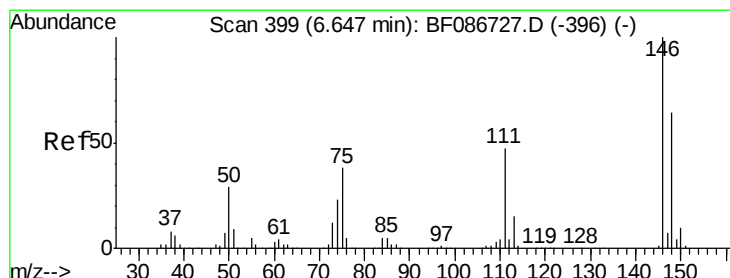
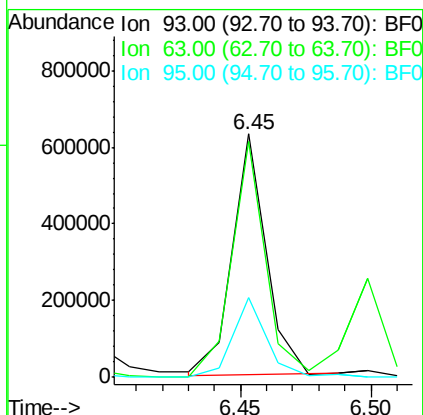
#11
bis(2-Chloroethyl)ether
Concen: 41.00 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion:	93	Resp:	568545
Ion Ratio	Lower	Upper	
93	100		
63	96.8	58.0	98.0
95	32.8	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

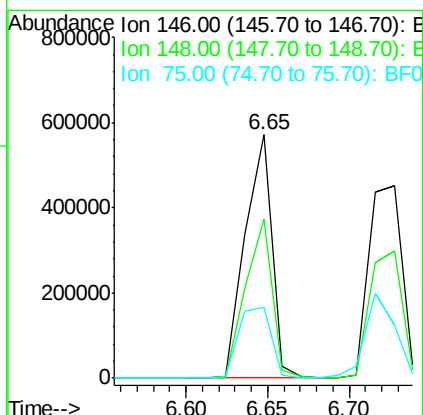
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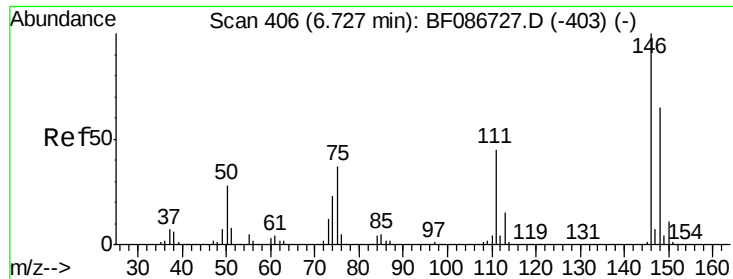
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#12
1,3-Dichlorobenzene
Concen: 46.55 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion:	146	Resp:	648429
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.4	78.6
75	29.0	22.8	34.2





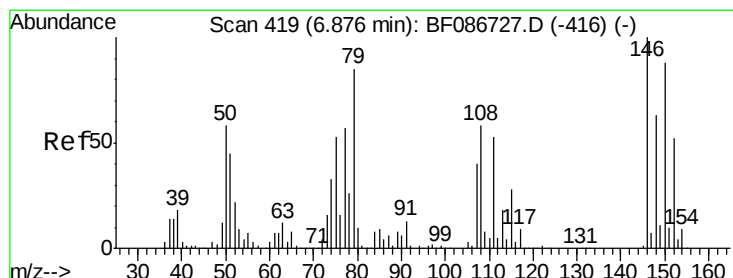
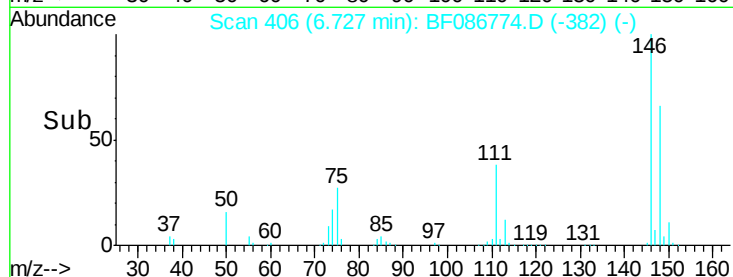
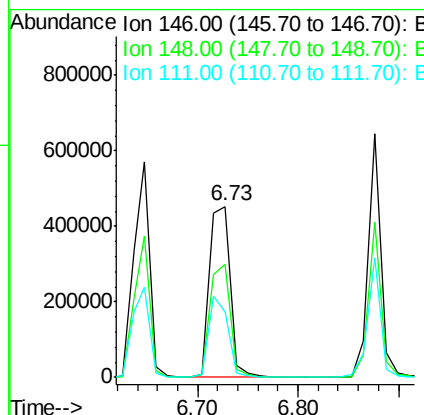
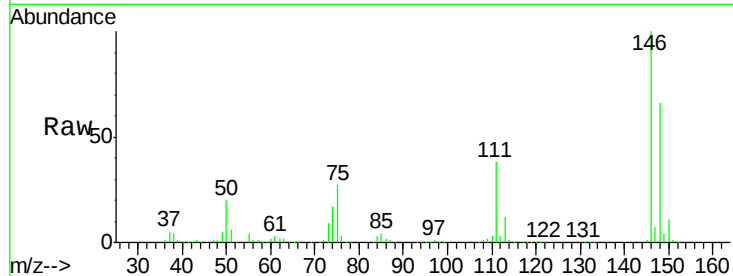
#13
 1,4-Dichlorobenzene
 Concen: 45.17 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.4
111	38.2	30.7	46.1

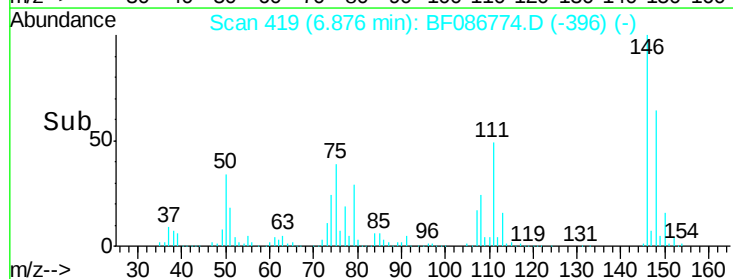
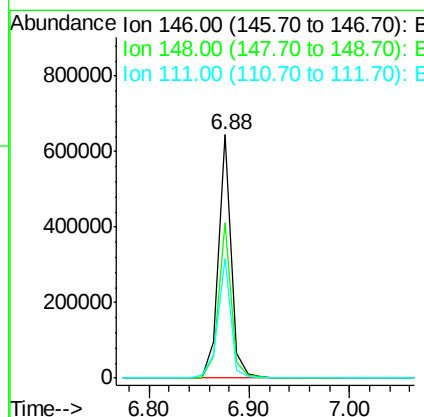
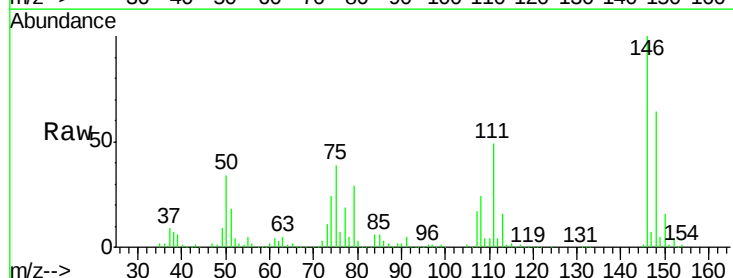
Manual Integrations
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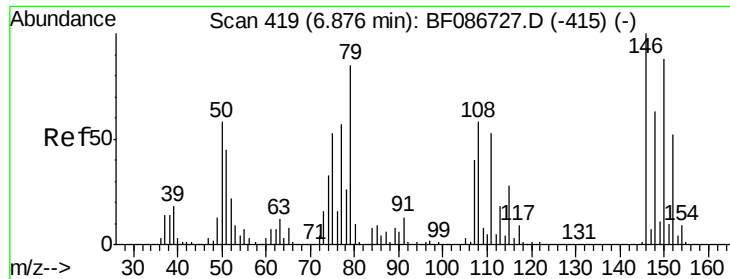
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#14
 1,2-Dichlorobenzene
 Concen: 45.14 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	49.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 46.23 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion: 79 Resp: 440464

Ion Ratio Lower Upper

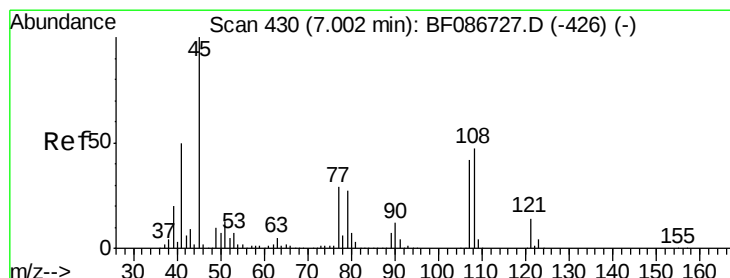
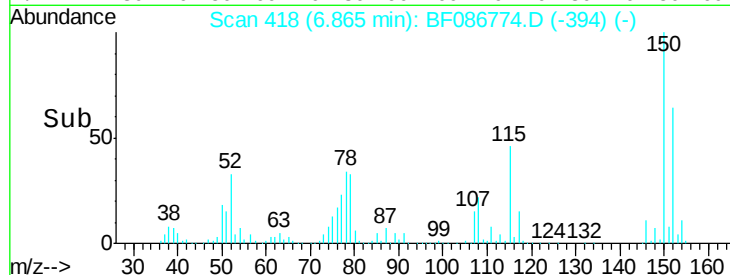
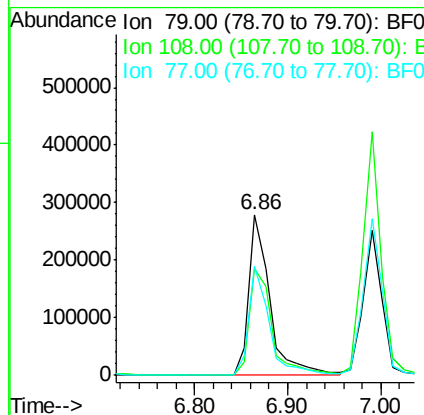
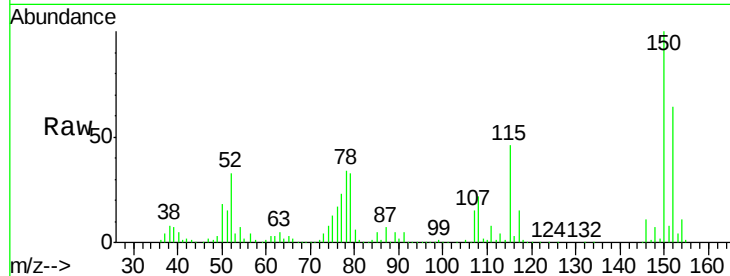
79 100

108 66.4 68.4 102.6#

77 68.0 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.78 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

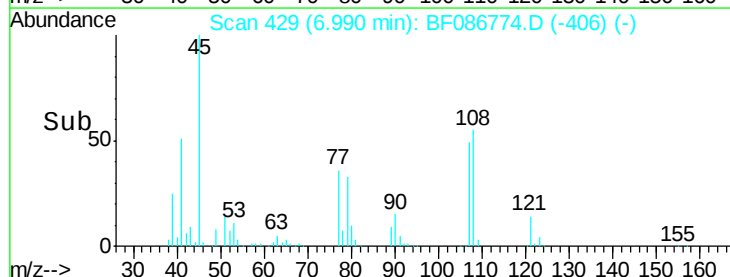
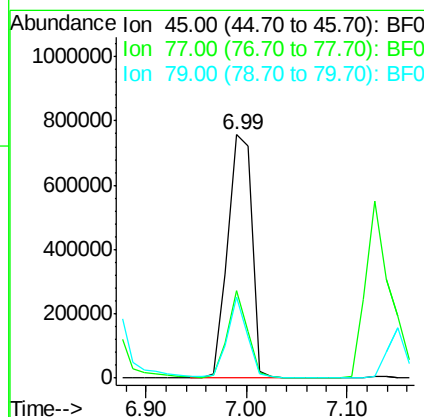
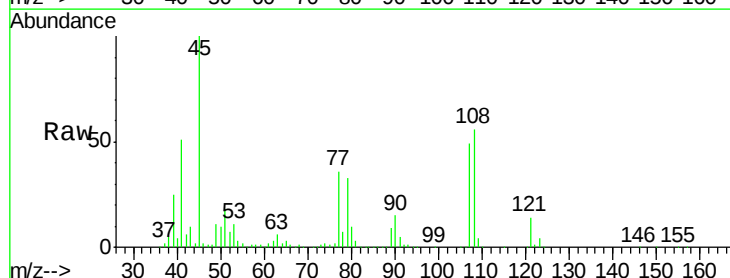
Tgt Ion: 45 Resp: 1269539

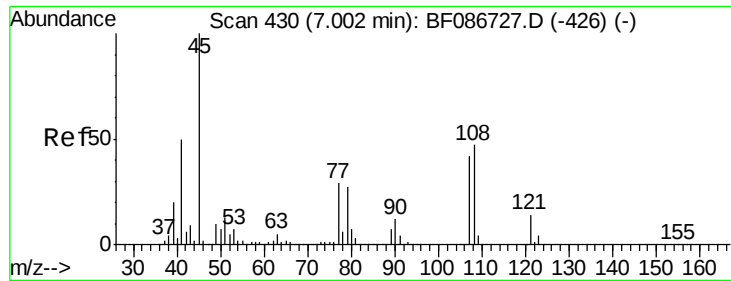
Ion Ratio Lower Upper

45 100

77 35.8 0.0 36.4

79 33.3 0.0 33.4





#17

2-Methylphenol

Concen: 47.75 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086774.D

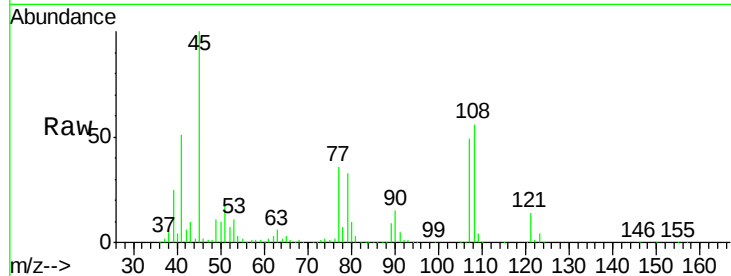
Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

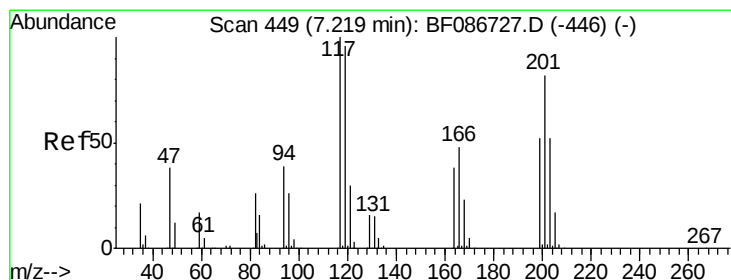
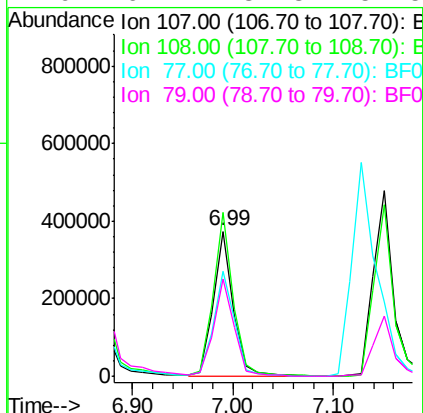
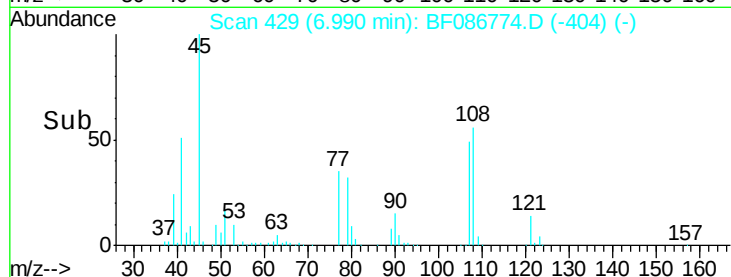
RODNEY-AVE-PS(0-2)KMS



Tgt Ion:	107	Resp:	504399
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.7	140.5
77	72.4	33.4	50.0#
79	67.4	34.3	51.5#

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#18

Hexachloroethane

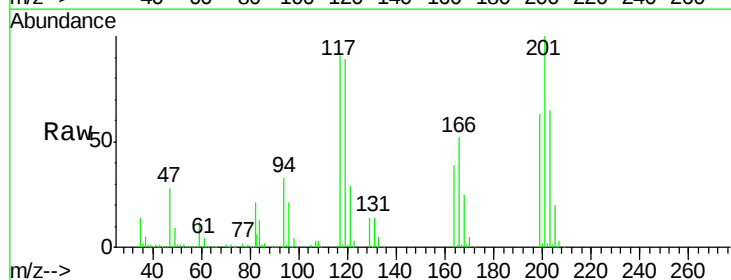
Concen: 46.68 ng

RT: 7.22 min Scan# 449

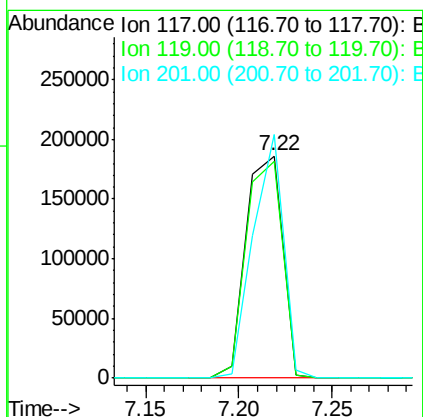
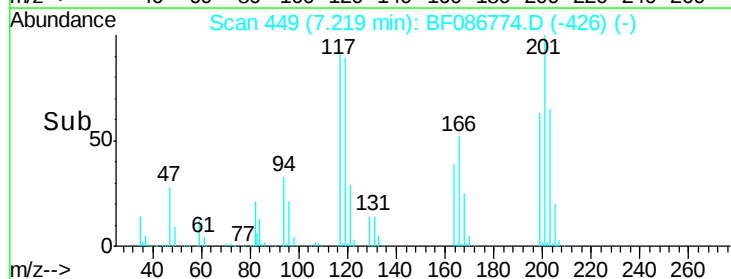
Delta R.T. -0.03 min

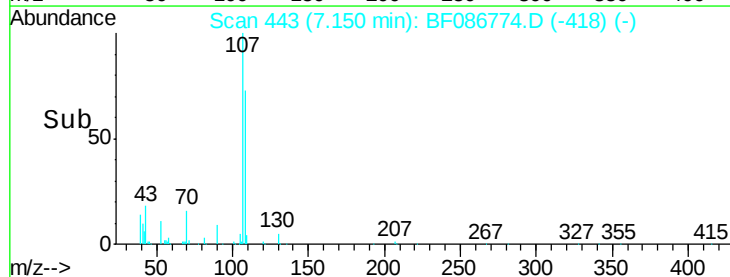
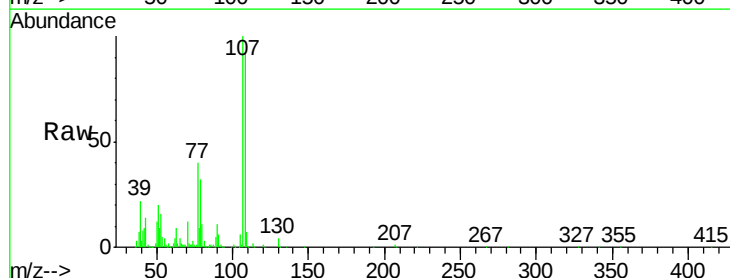
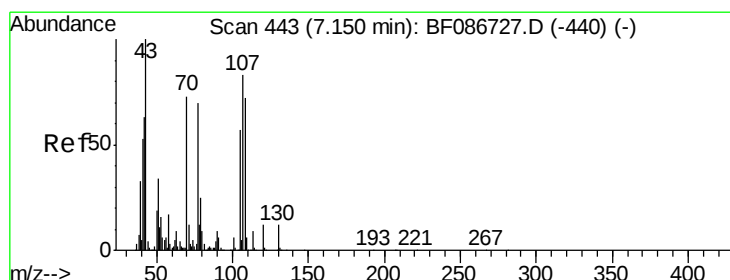
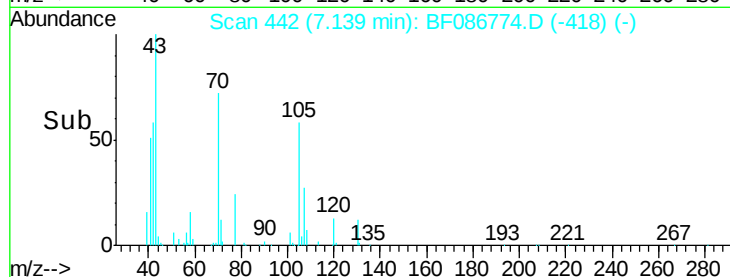
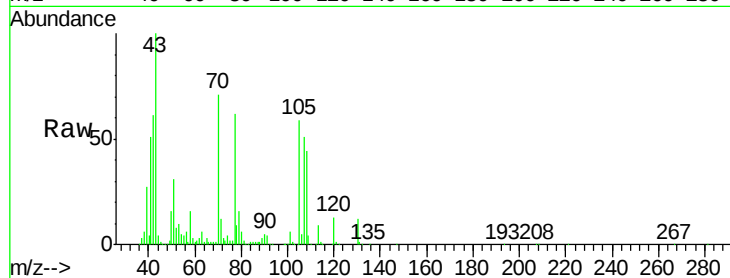
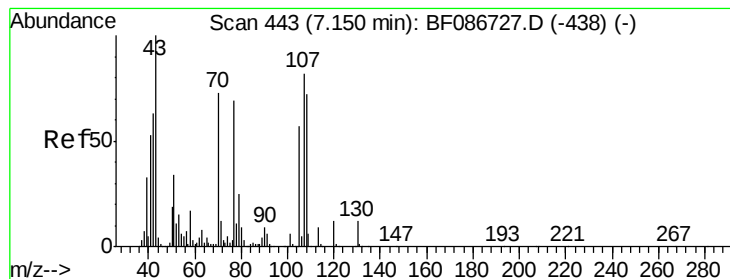
Lab File: BF086774.D

Acq: 7 May 2016 15:14



Tgt Ion:	117	Resp:	253830
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.5	114.7
201	109.4	63.0	94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 46.84 ng

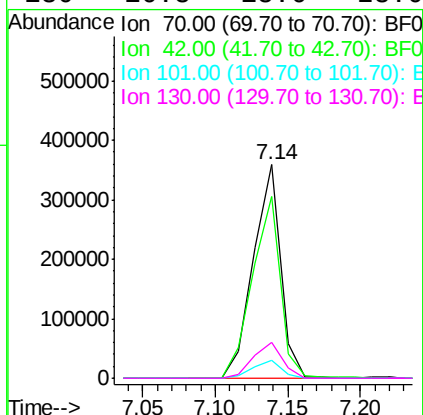
RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	84.9	43.1	64.7#	
101	8.5	8.1	12.1	
130	16.8	18.6	28.0#	



Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

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#20

3+4-Methylphenols

Concen: 54.57 ng

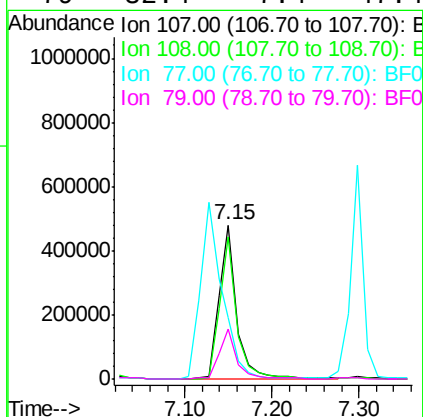
RT: 7.15 min Scan# 443

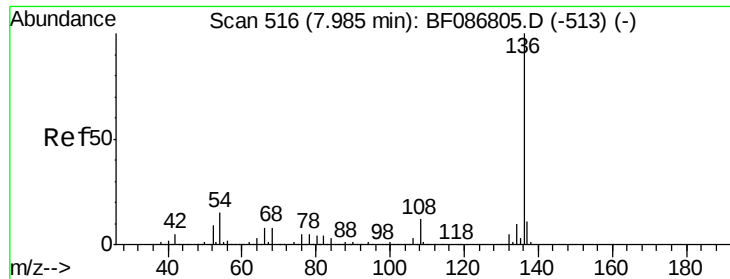
Delta R.T. -0.01 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	92.5	68.5	108.5	
77	39.8	101.6	141.6#	
79	32.4	7.4	47.4	





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF086774.D

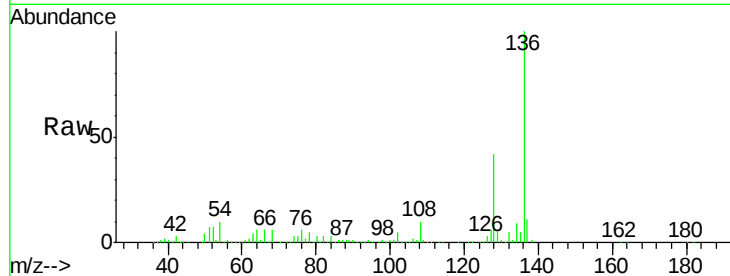
Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

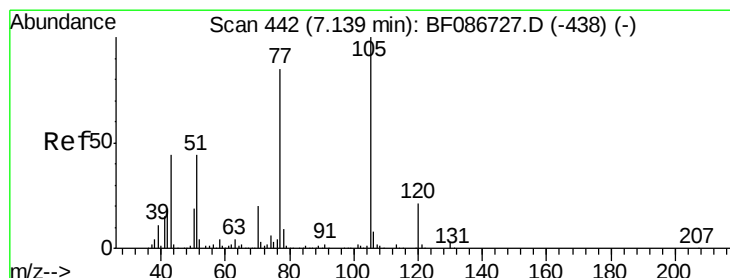
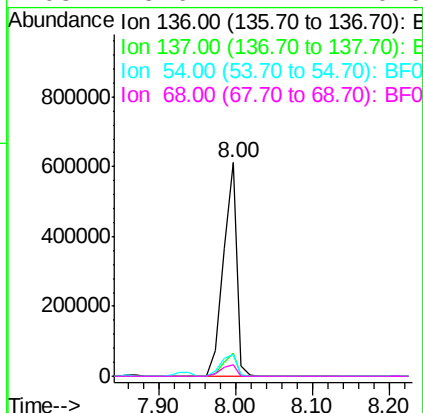
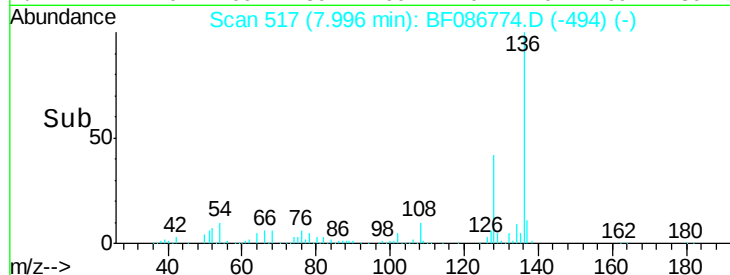
RODNEY-AVE-PS(0-2)KMS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	749909		
137	10.8	8.8	13.2	
54	10.0	5.0	7.4#	
68	5.6	4.4	6.6	

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#22

Acetophenone

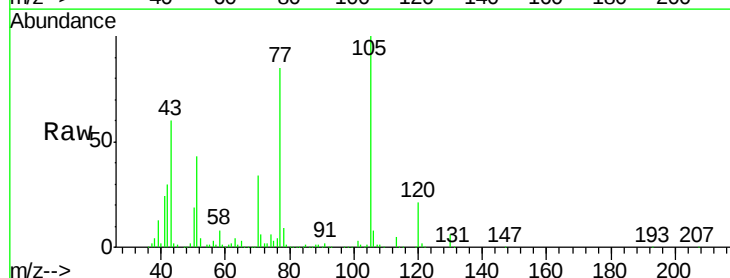
Concen: 50.27 ng

RT: 7.13 min Scan# 441

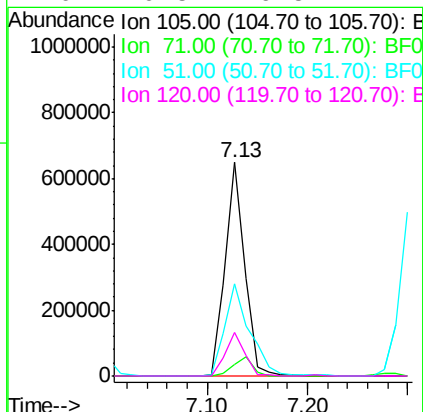
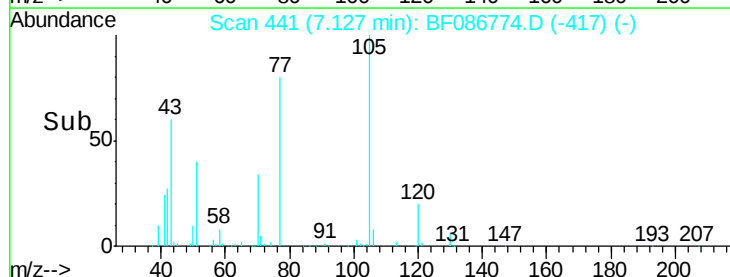
Delta R.T. -0.02 min

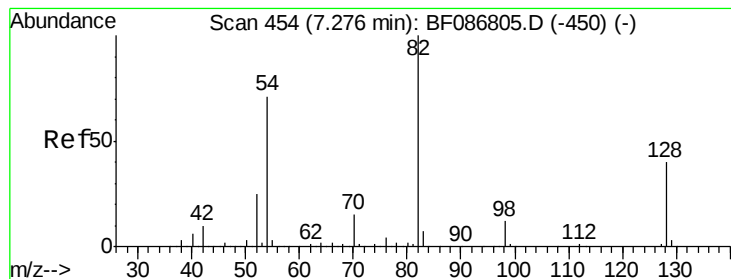
Lab File: BF086774.D

Acq: 7 May 2016 15:14



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	878352		
71	5.6	4.8	7.2	
51	43.0	32.6	49.0	
120	20.5	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 101.38 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

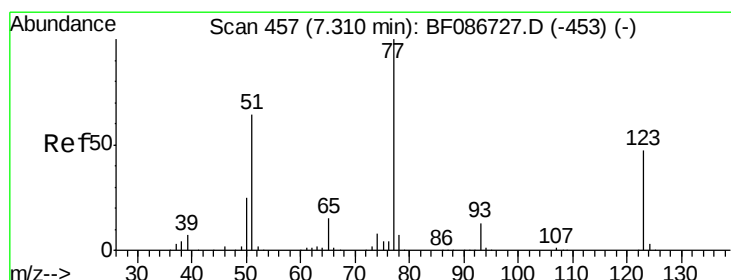
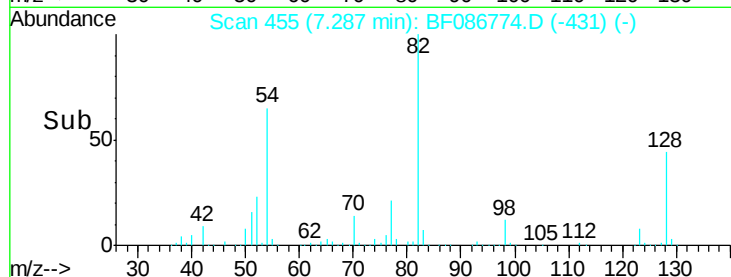
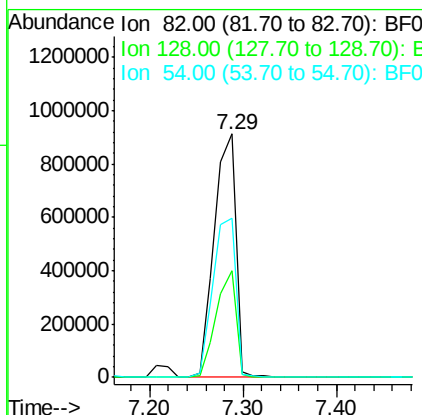
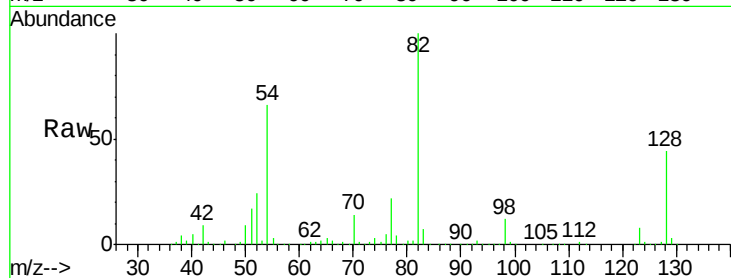
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

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Tgt Ion	82	Resp	1479417
Ion Ratio	100	Lower	Upper
128	44.0	40.6	61.0
54	65.6	38.1	57.1#



#24

Nitrobenzene

Concen: 44.86 ng

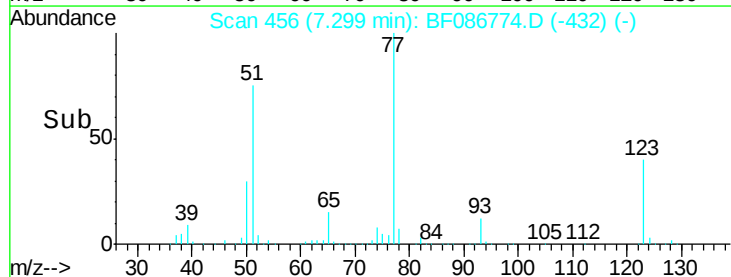
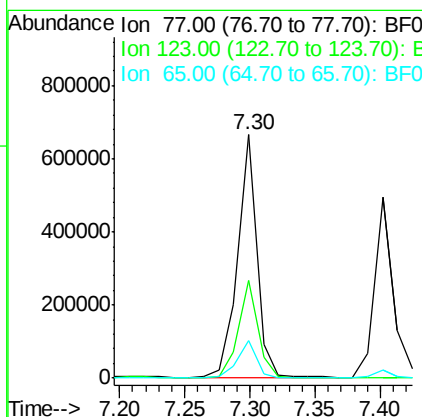
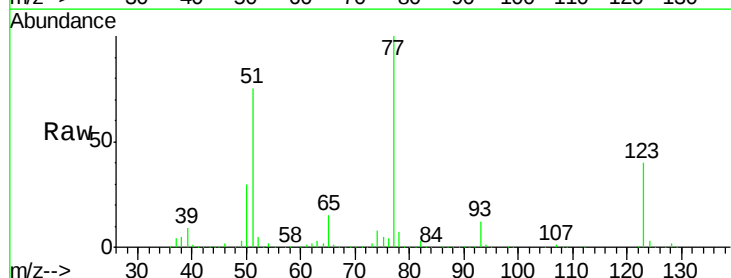
RT: 7.30 min Scan# 456

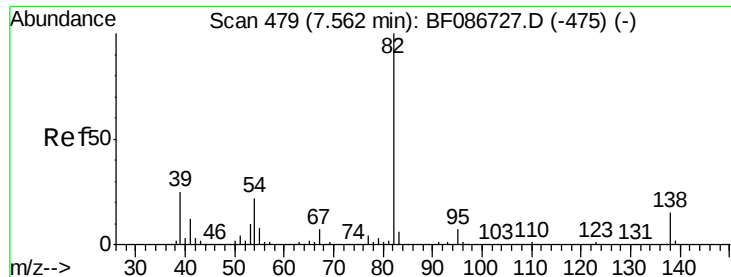
Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion	77	Resp	676782
Ion Ratio	100	Lower	Upper
123	40.1	33.0	49.4
65	15.5	10.8	16.2





#25

Isophorone

Concen: 47.94 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF086774.D

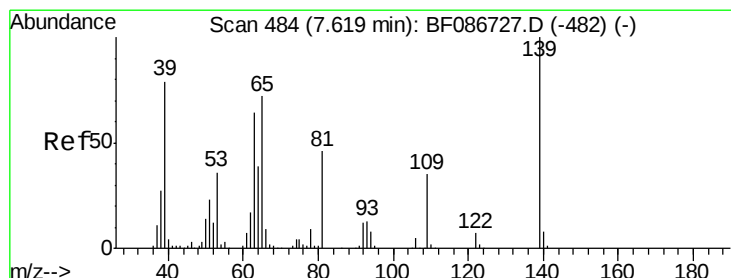
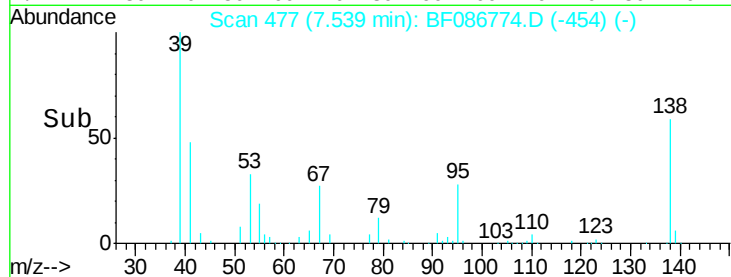
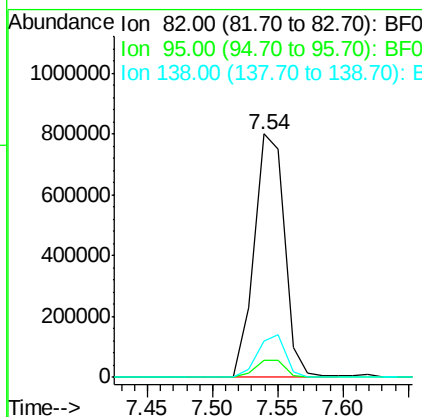
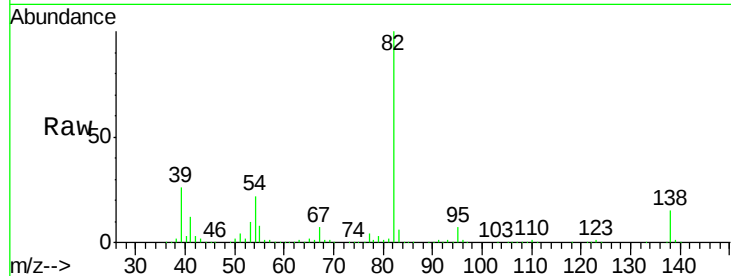
Acq: 7 May 2016 15:14

Tgt Ion:	82	Resp:	1302851
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	14.8	12.4	18.6

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

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#26

2-Nitrophenol

Concen: 52.30 ng

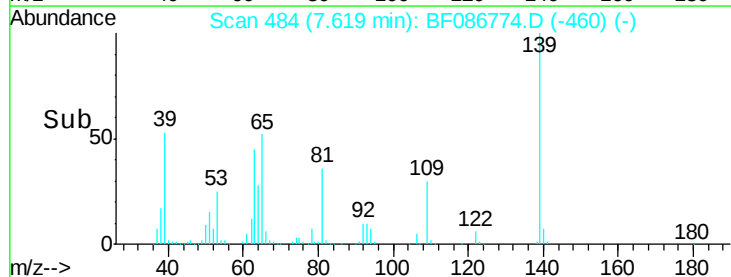
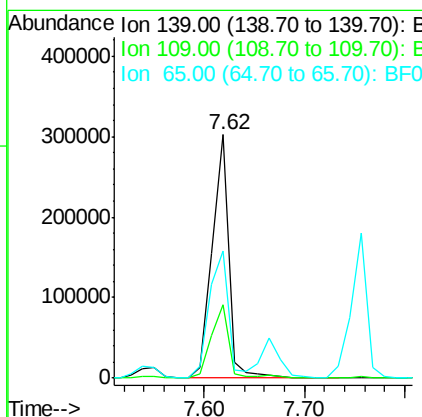
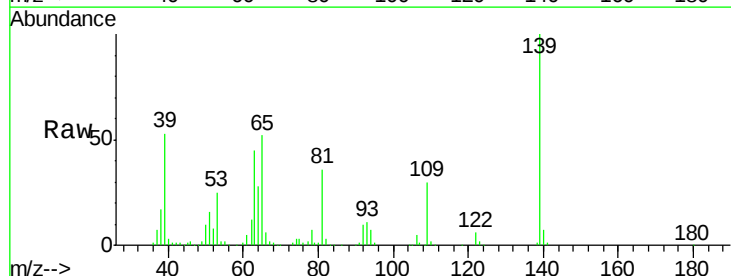
RT: 7.62 min Scan# 484

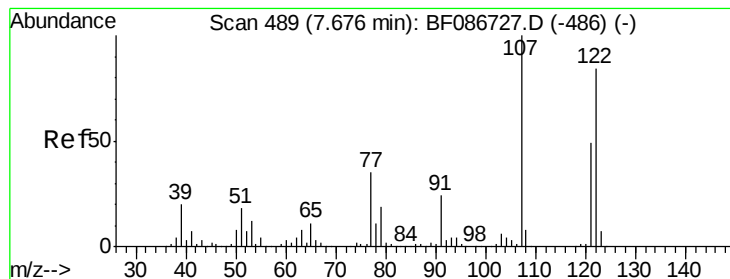
Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	139	Resp:	352060
Ion Ratio	Lower	Upper	
139	100		
109	30.2	19.5	29.3#
65	52.1	37.5	56.3





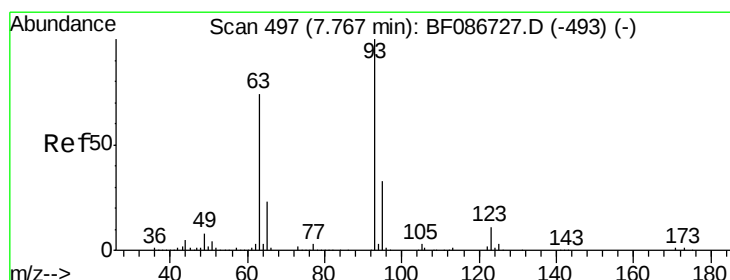
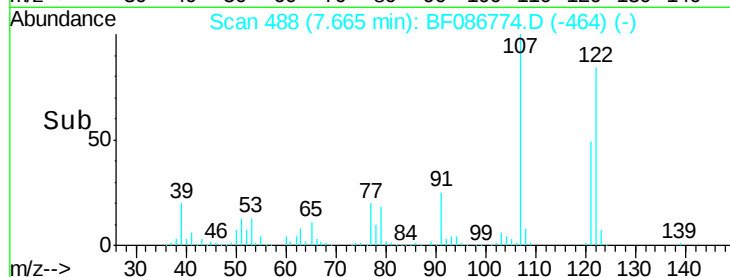
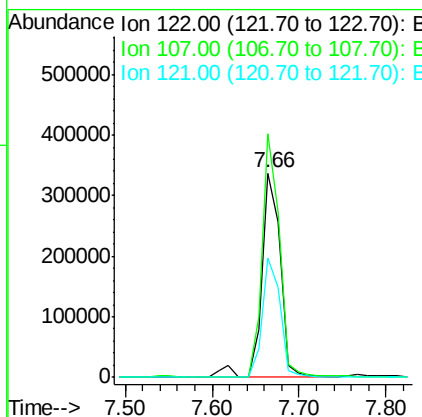
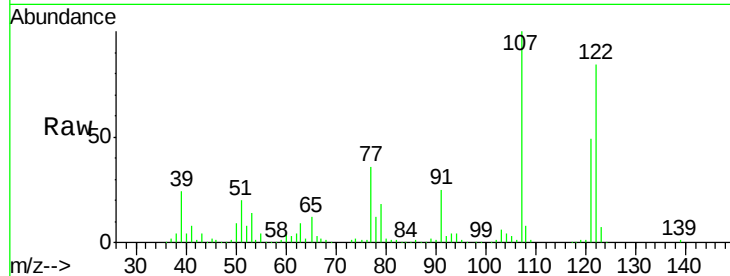
#27
 2,4-Dimethylphenol
 Concen: 43.12 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	509697		
107	119.0	82.0	123.0	
121	58.7	46.1	69.1	

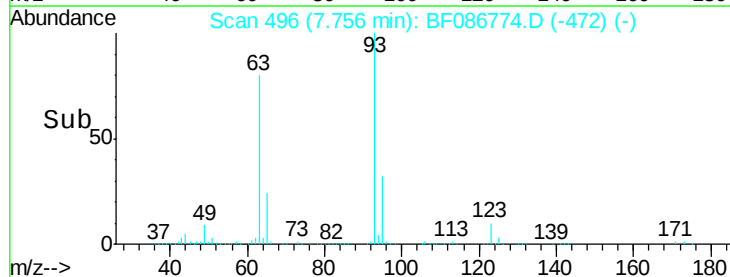
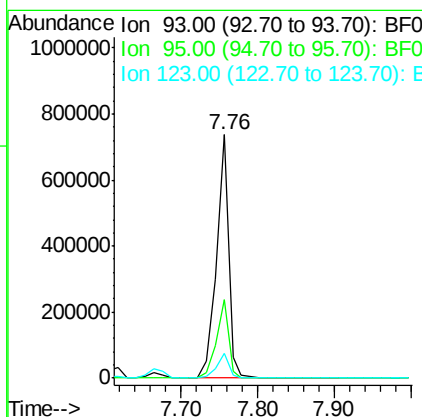
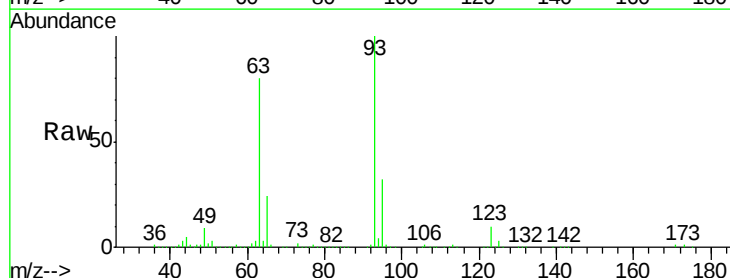
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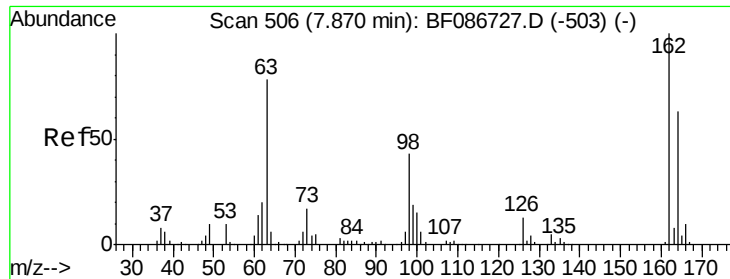
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.53 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	800761		
95	32.5	26.0	39.0	
123	10.0	9.5	14.3	





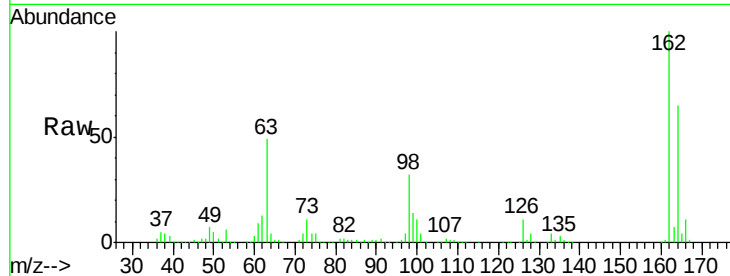
#29
 2,4-Dichlorophenol
 Concen: 50.44 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

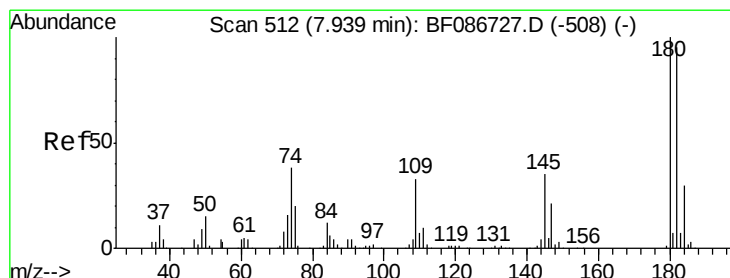
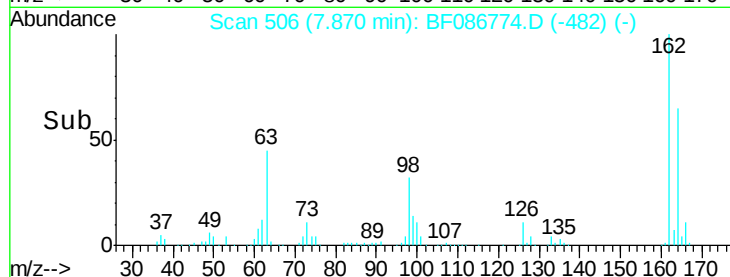
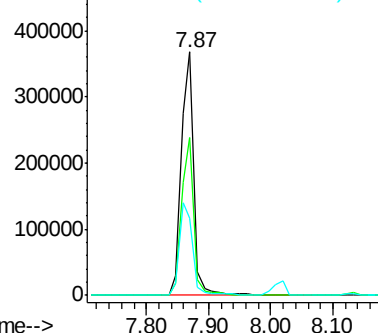
Tgt Ion:	162	Resp:	512628
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.2	82.2
98	31.8	19.0	59.0

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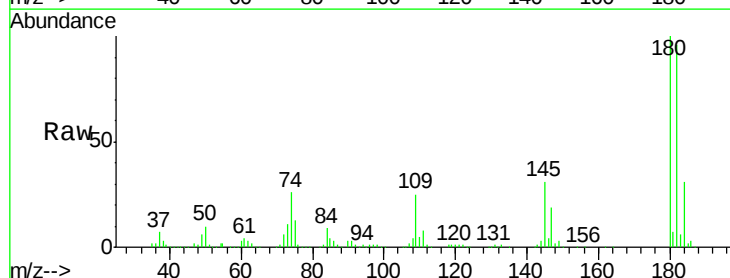


Abundance Ion 162.00 (161.70 to 162.70): E
 500000
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

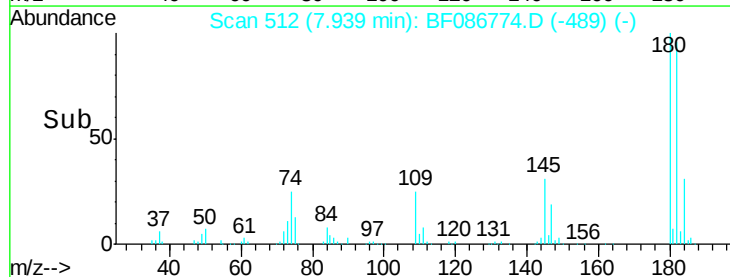
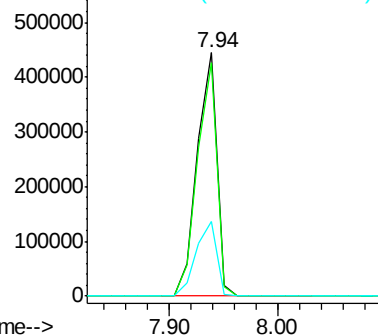


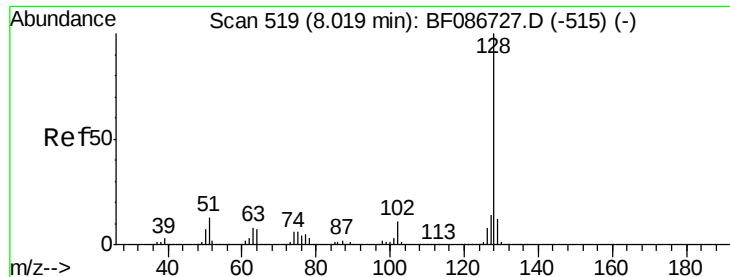
#30
 1,2,4-Trichlorobenzene
 Concen: 49.40 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion:	180	Resp:	560103
Ion Ratio	Lower	Upper	
180	100		
182	96.0	78.0	117.0
145	30.7	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 600000
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





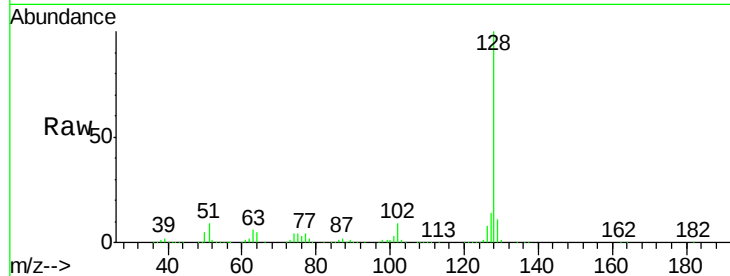
#31
Naphthalene
Concen: 48.60 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

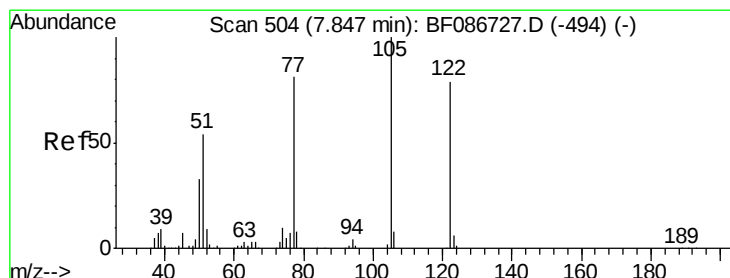
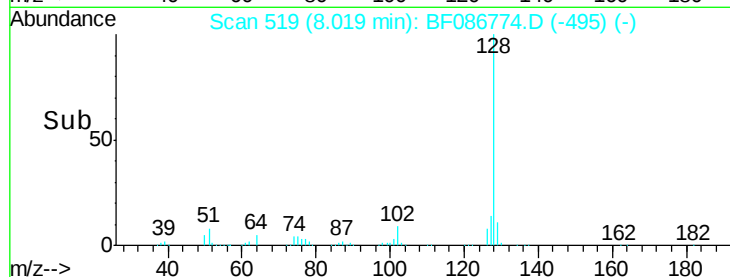
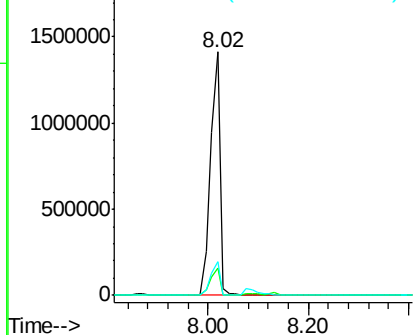
Tgt Ion:128 Resp: 1861964
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.8 16.2

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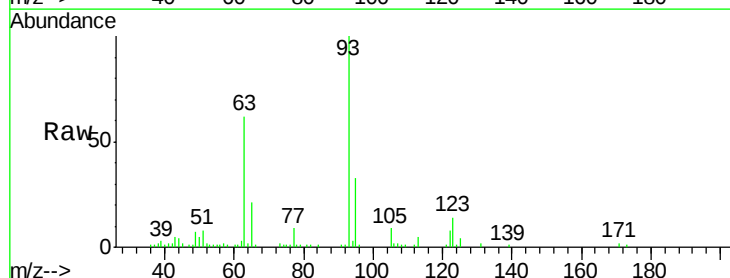


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

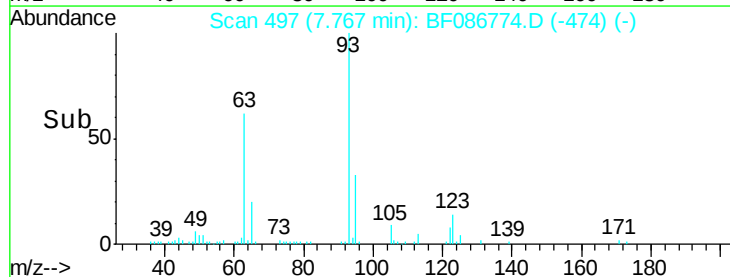
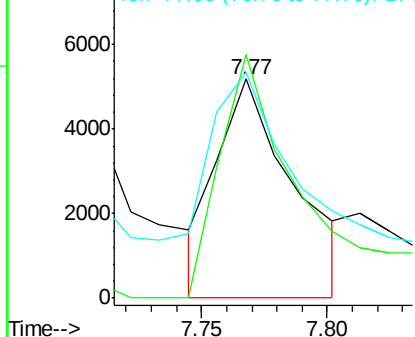


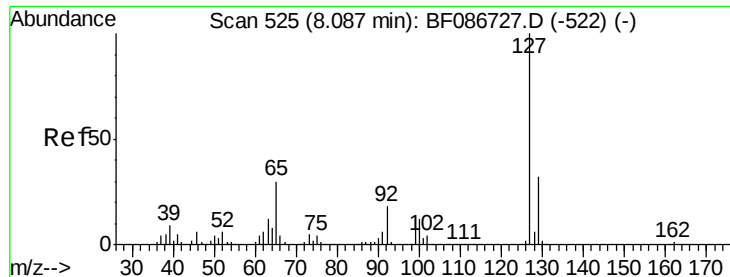
#32
Benzoic acid
Concen: 10.38 ng m
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion:122 Resp: 10982
Ion Ratio Lower Upper
122 100
105 111.2 92.6 132.6
77 103.4 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





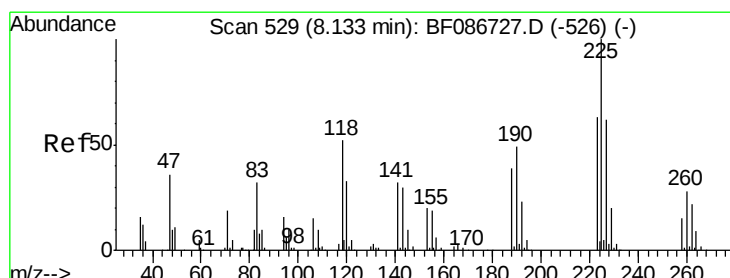
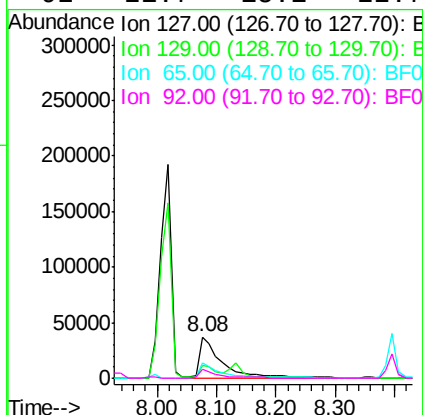
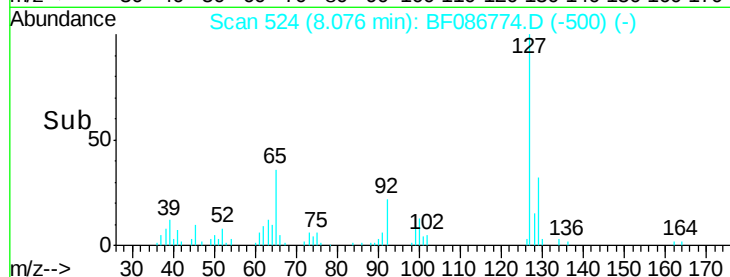
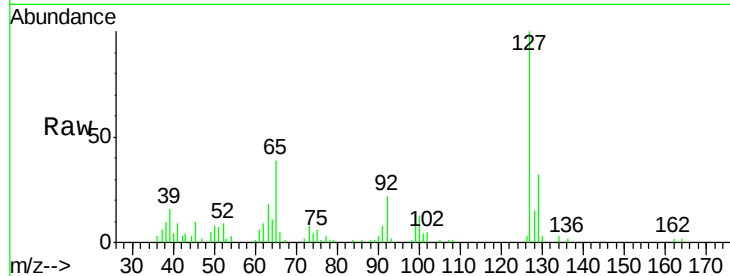
#33
4-Chloroaniline
Concen: 6.28 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	39.1	23.0	34.4	
92	21.7	15.1	22.7	

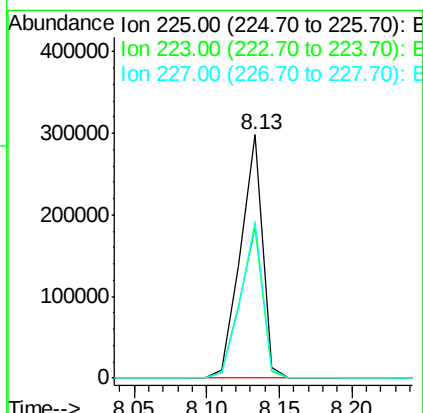
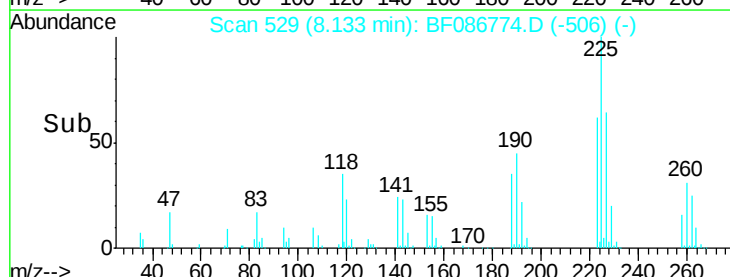
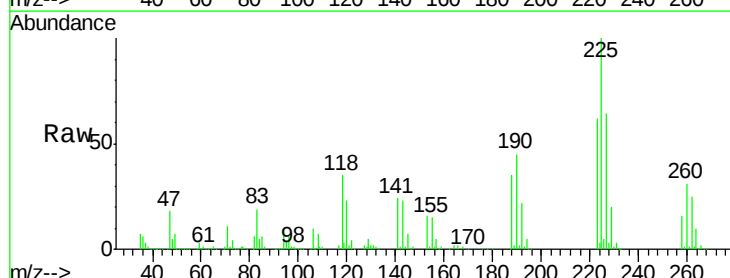
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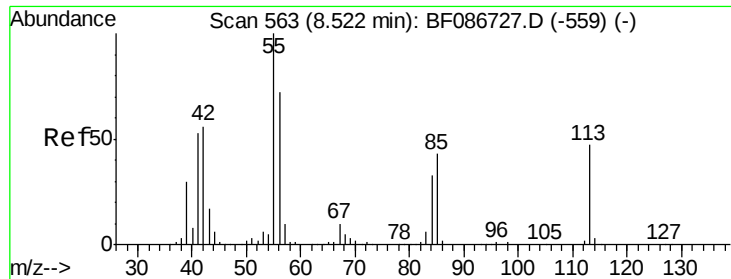
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#34
Hexachlorobutadiene
Concen: 49.12 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	51.5	77.3	
227	64.2	52.2	78.2	





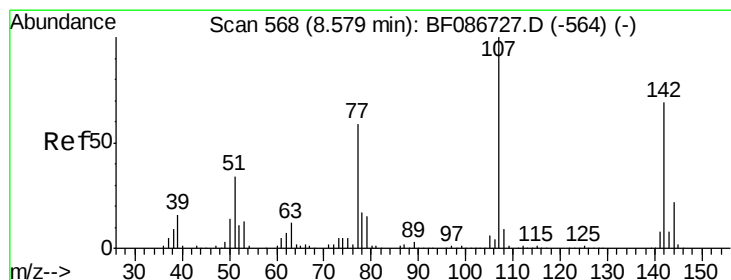
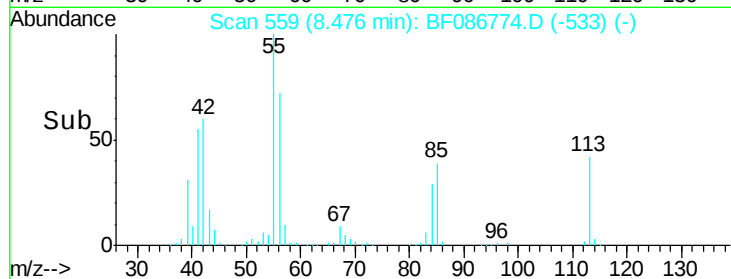
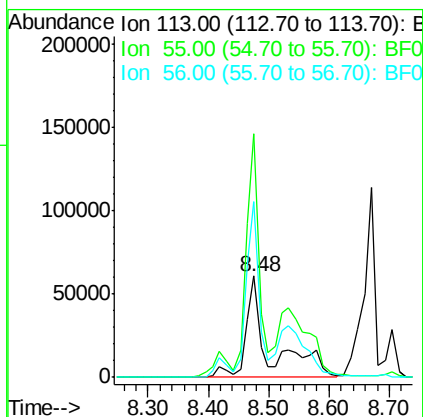
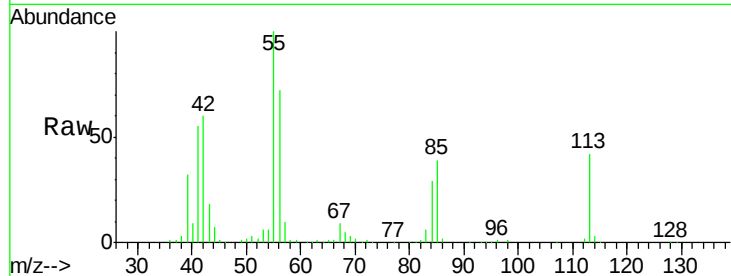
#35
 Caprolactam
 Concen: 52.90 ng m
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	166398		
55	240.3	162.0	202.0#	
56	173.4	115.3	155.3#	

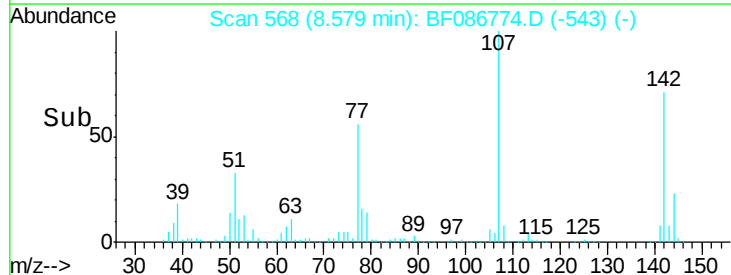
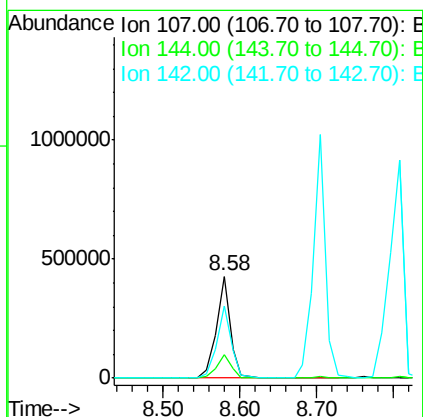
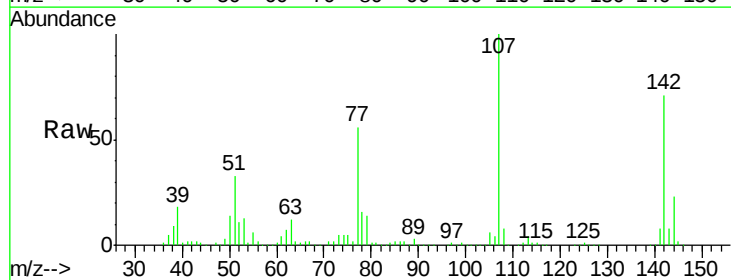
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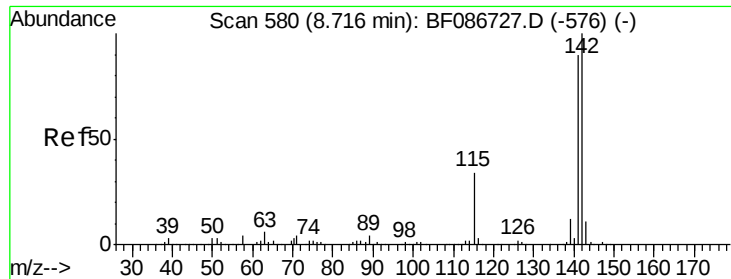
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#36
 4-Chloro-3-methylphenol
 Concen: 47.52 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	550952		
144	22.9	20.7	31.1	
142	70.8	63.2	94.8	





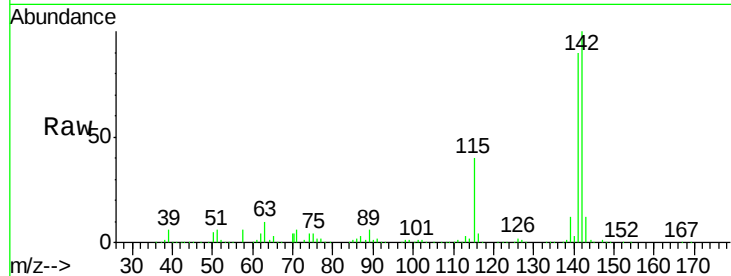
#37
2-Methylnaphthalene
Concen: 48.76 ng m
RT: 8.70 min Scan# 579
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

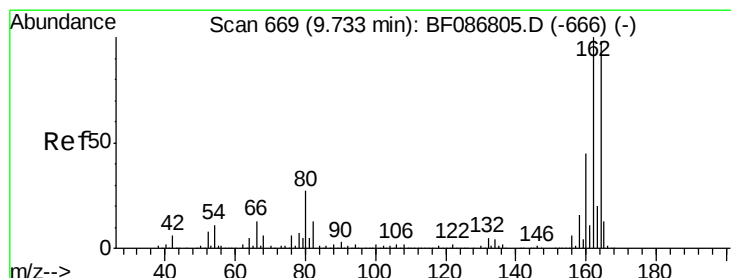
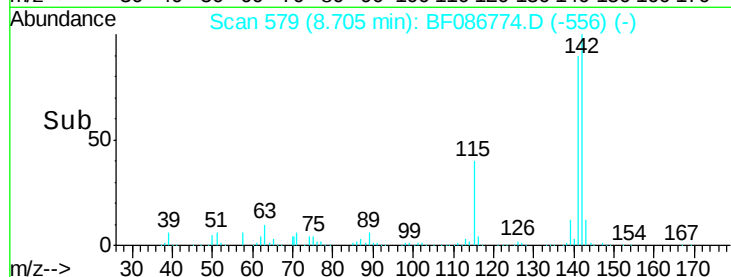
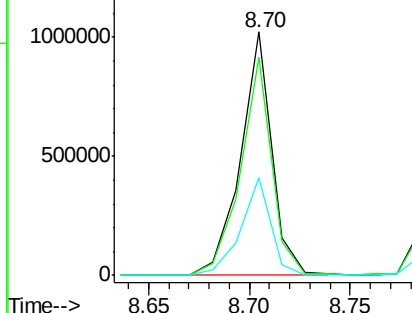
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	40.0	26.6	39.8

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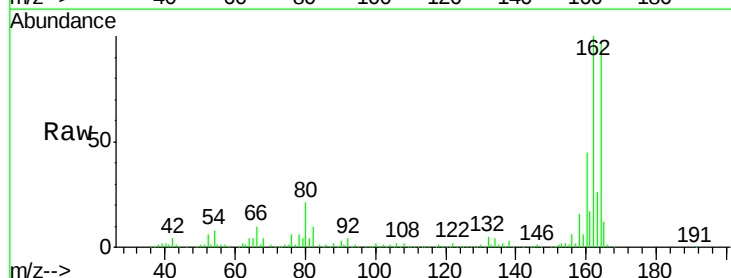


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

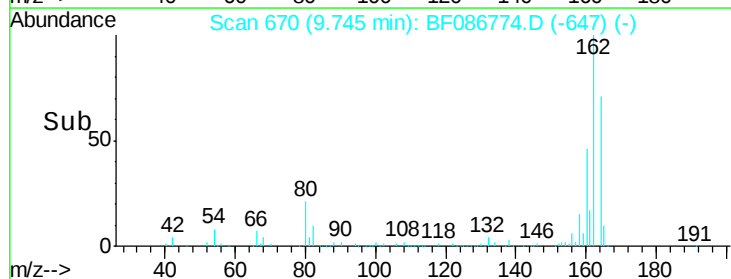
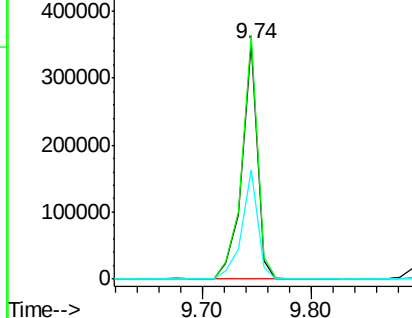


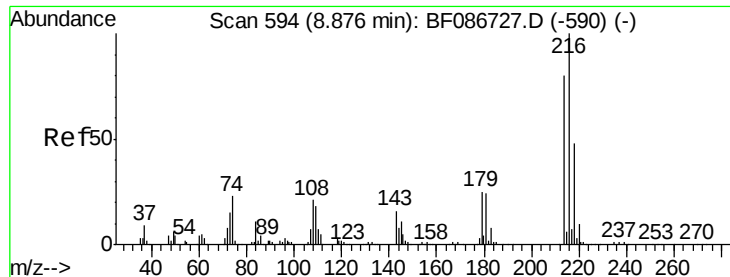
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.4	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.78 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

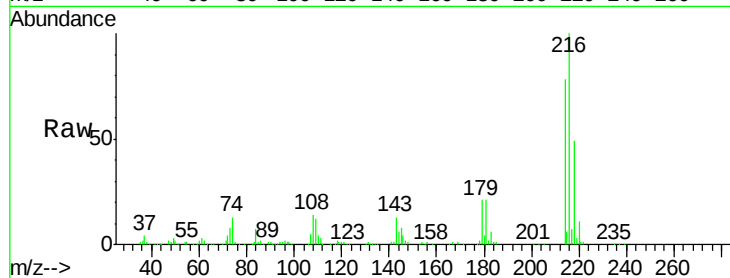
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

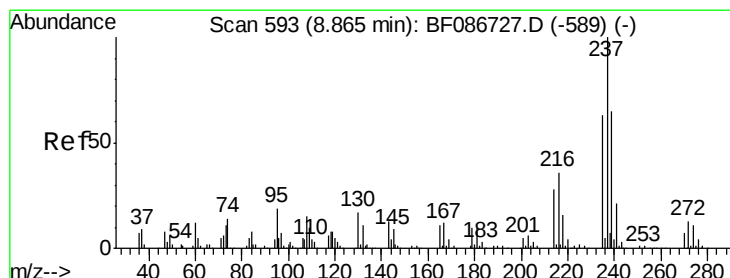
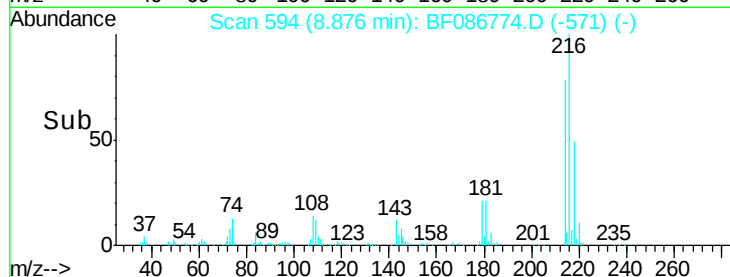
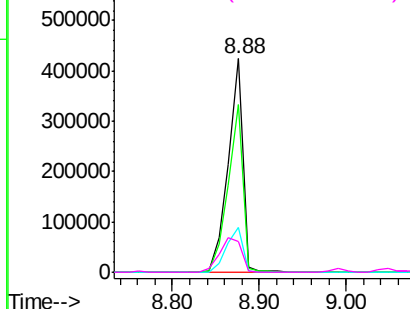
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	498771		
214	79.3	62.6	93.8	
179	23.5	18.2	27.4	
108	24.7	17.5	26.3	

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



#40

Hexachlorocyclopentadiene

Concen: 103.49 ng

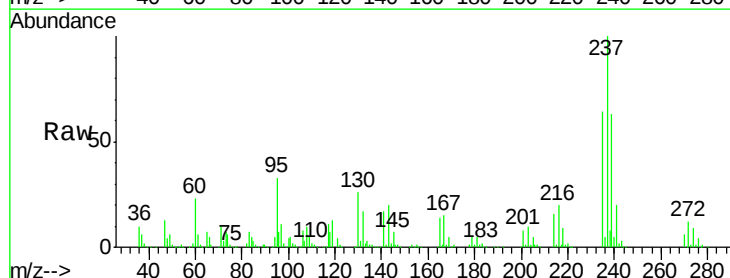
RT: 8.85 min Scan# 592

Delta R.T. -0.03 min

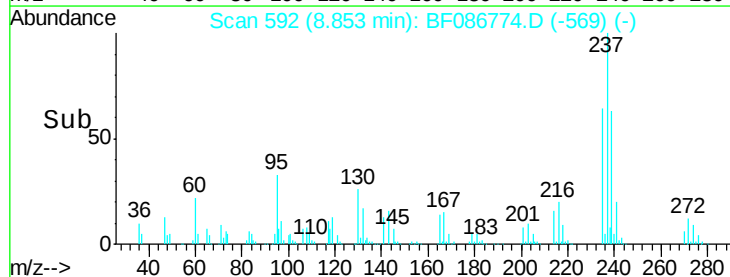
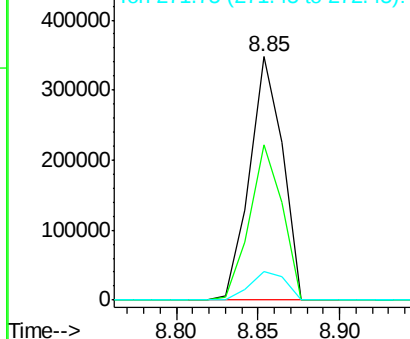
Lab File: BF086774.D

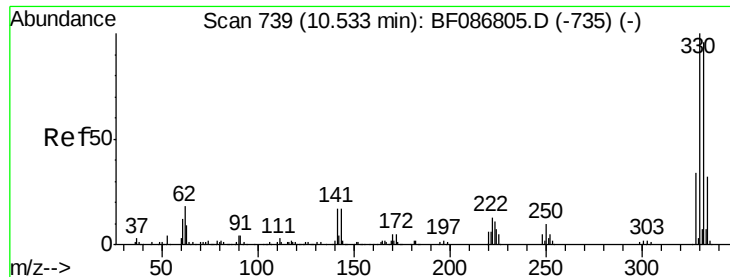
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	486923		
235	63.6	47.2	87.2	
272	11.7	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





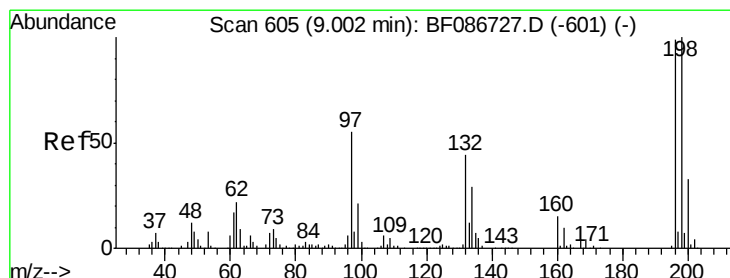
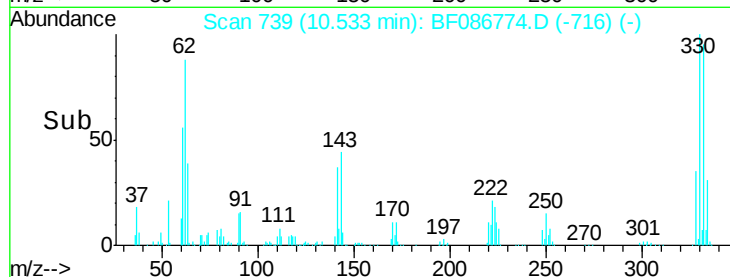
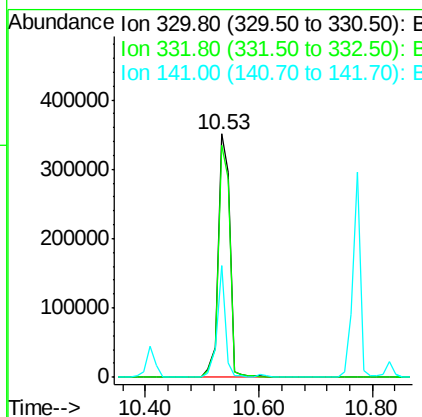
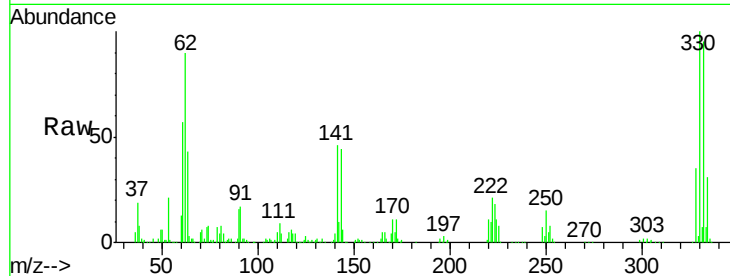
#41
 2,4,6-Tribromophenol
 Concen: 147.54 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	499554		
332	95.5	79.0	118.4	
141	32.1	31.2	46.8	

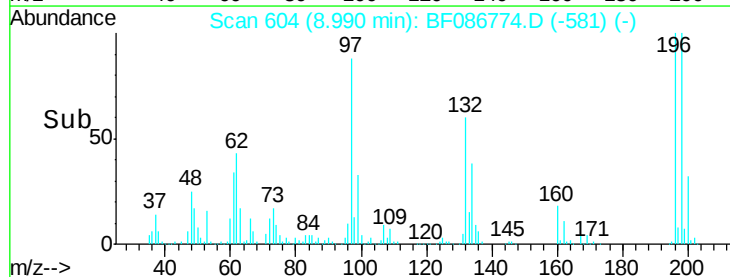
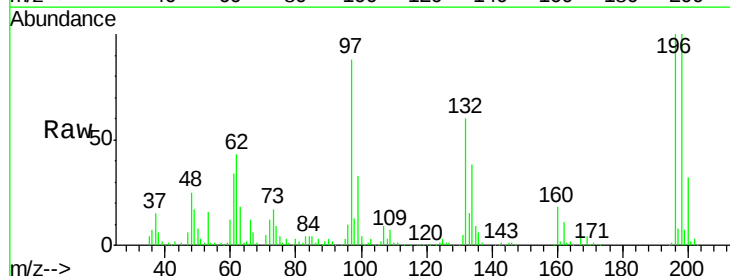
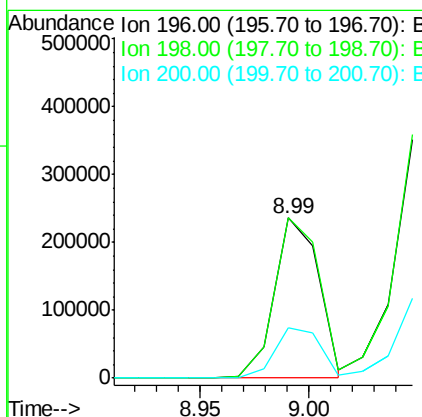
Manual Integrations
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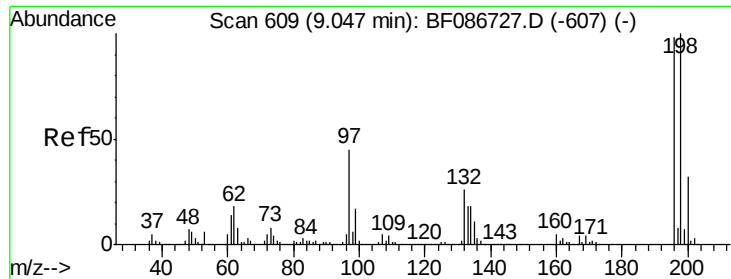
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#42
 2,4,6-Trichlorophenol
 Concen: 52.87 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336841		
198	100.1	74.7	112.1	
200	31.6	23.8	35.6	





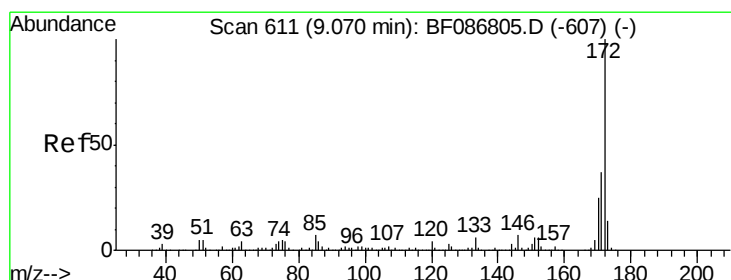
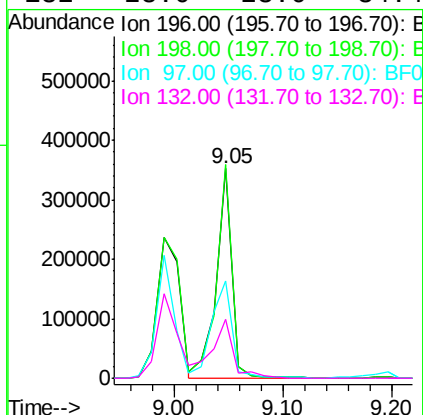
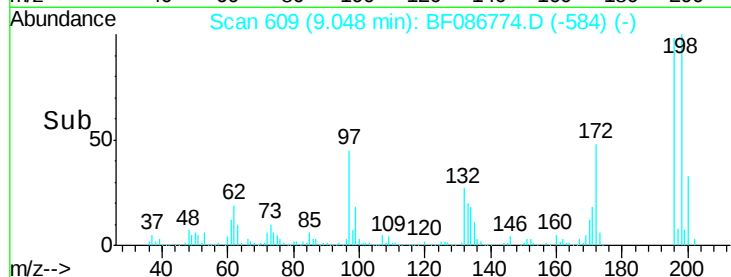
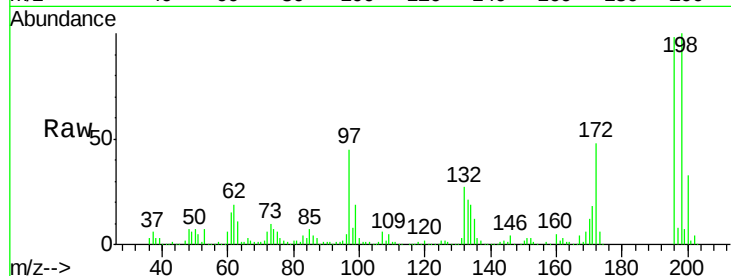
#43
 2,4,5-Trichlorophenol
 Concen: 53.51 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356158		
198	102.0	77.5	116.3	
97	46.3	34.8	52.2	
132	28.0	23.0	34.4	

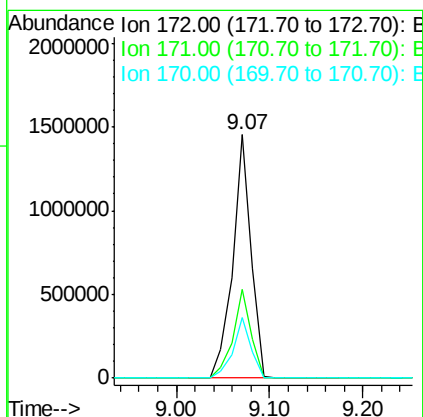
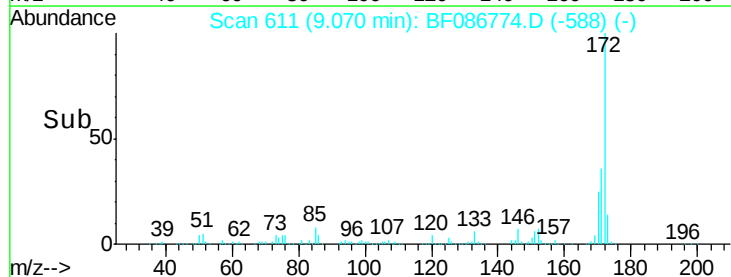
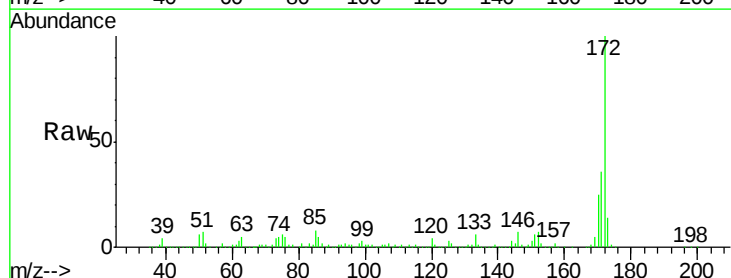
Manual Integrations
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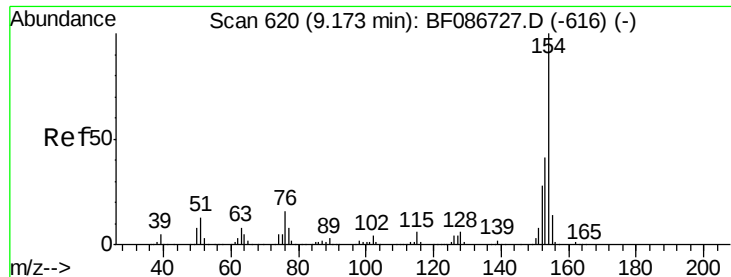
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 94.07 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1986367		
171	36.4	29.0	43.6	
170	24.9	19.8	29.8	





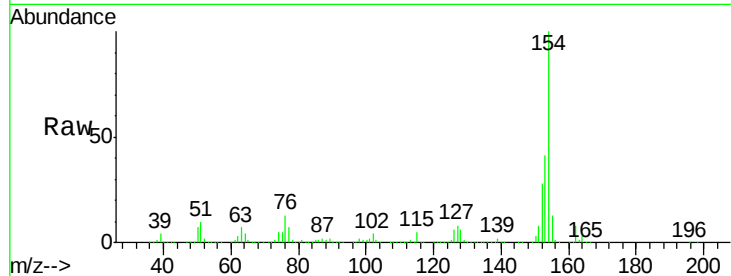
#45
 1,1'-Biphenyl
 Concen: 50.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

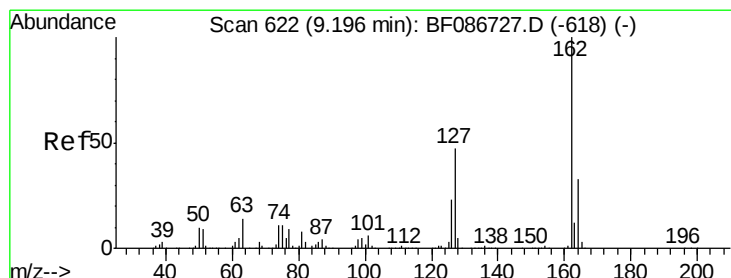
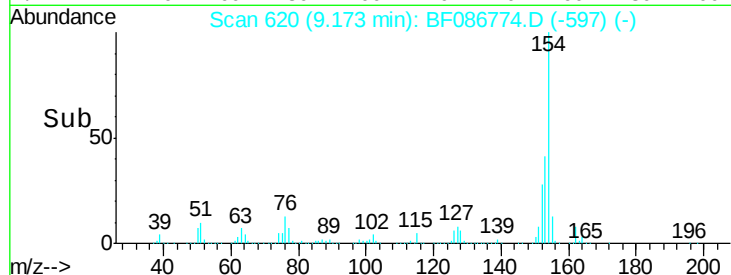
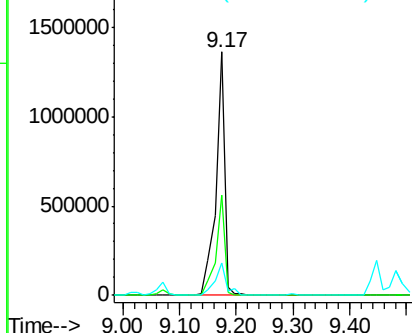
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.3	60.3
76	13.3	0.0	30.2

Manual Integrations
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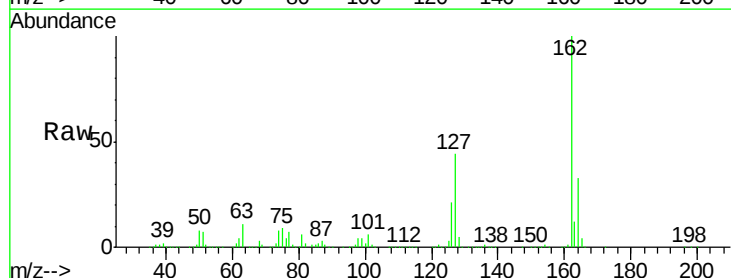


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

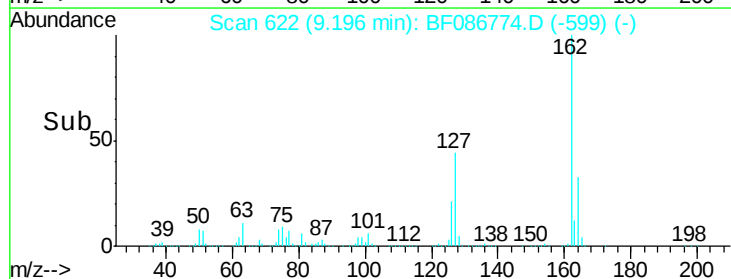
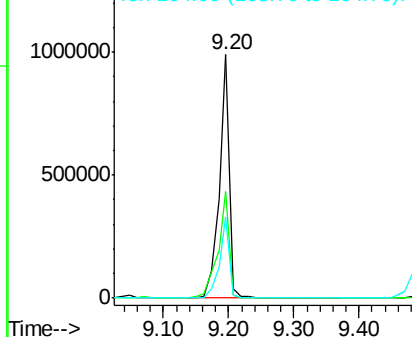


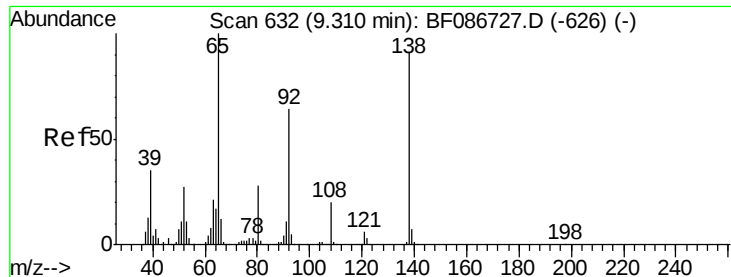
#46
 2-Chloronaphthalene
 Concen: 49.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	31.8	47.6
164	33.2	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





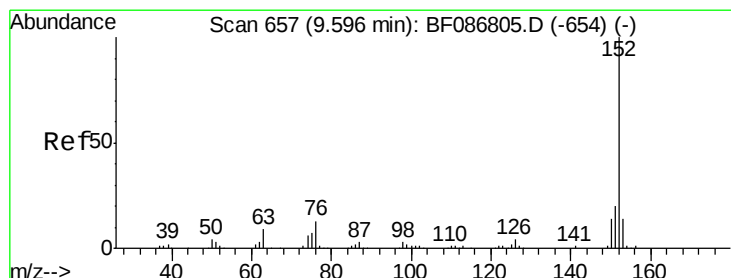
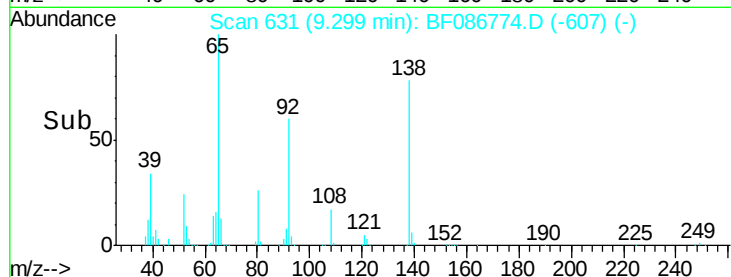
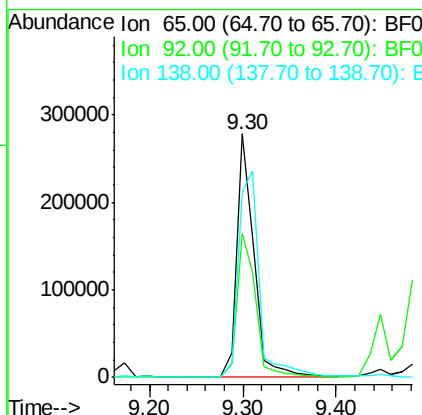
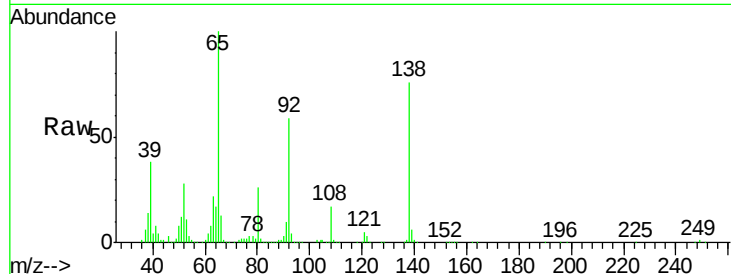
#47
2-Nitroaniline
Concen: 46.34 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.9	57.4	86.2
138	76.1	90.1	135.1#

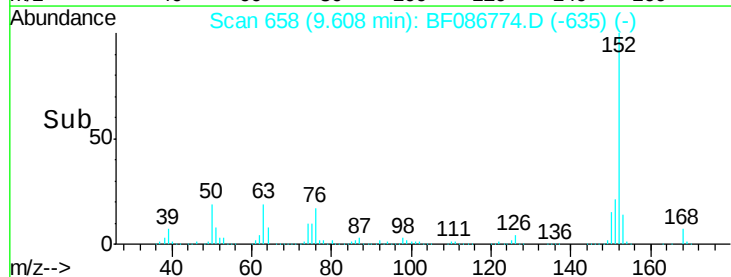
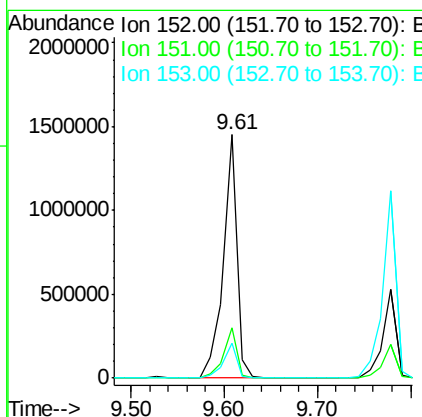
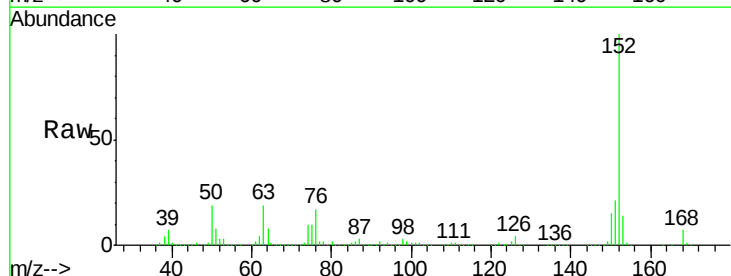
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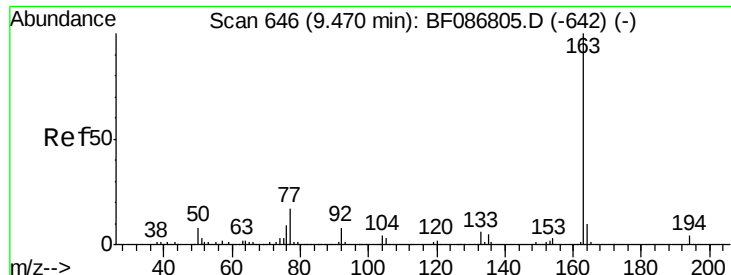
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#48
Acenaphthylene
Concen: 45.71 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.3	10.9	16.3





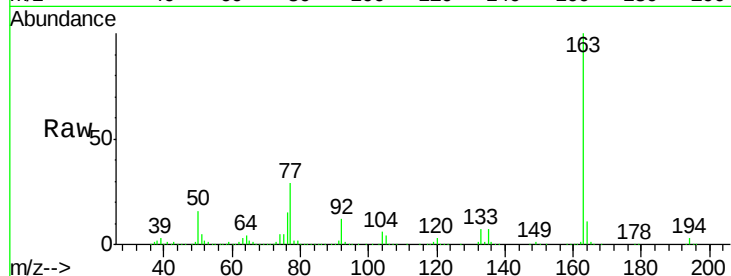
#49
Dimethylphthalate
Concen: 56.67 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

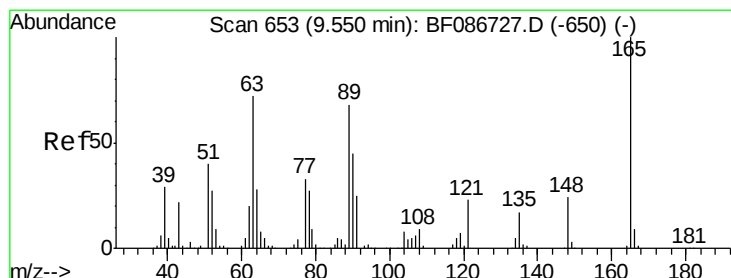
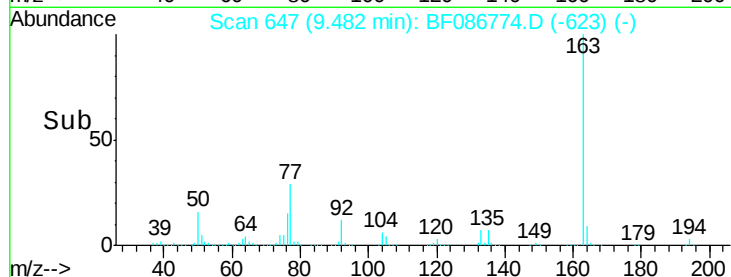
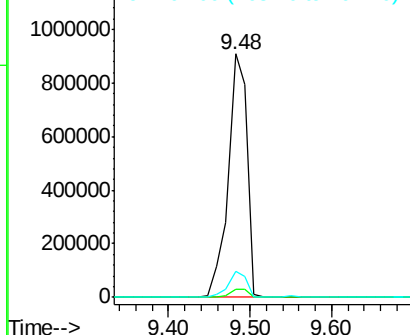
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	1462359		
194	3.1	2.6	4.0	
164	10.8	8.2	12.4	

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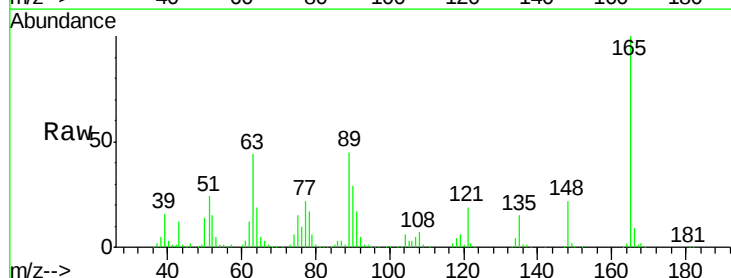


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

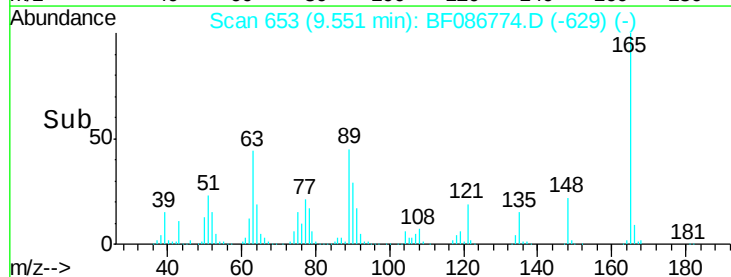
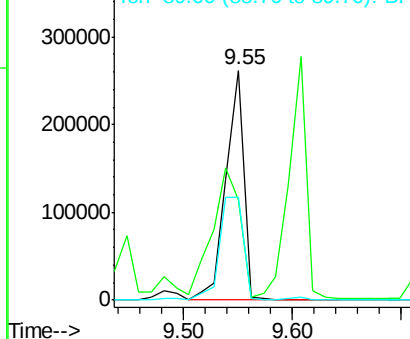


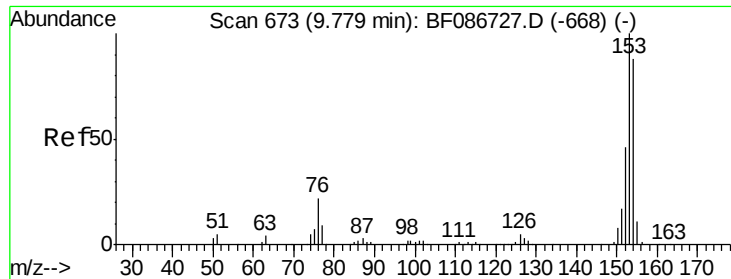
#50
2,6-Dinitrotoluene
Concen: 53.90 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	298448		
63	43.9	51.8	77.8#	
89	44.9	50.7	76.1#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.22 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086774.D

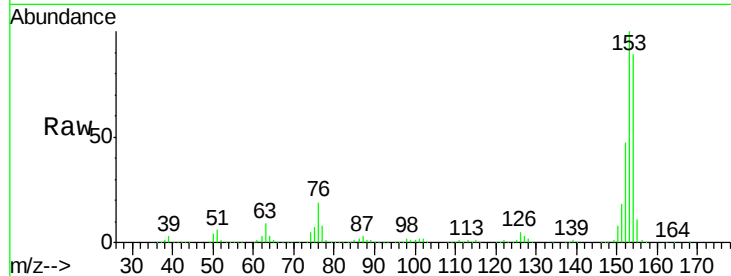
Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

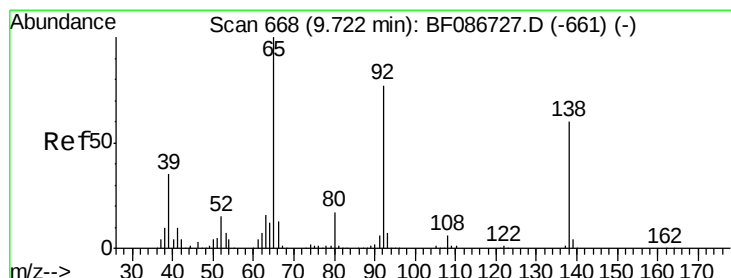
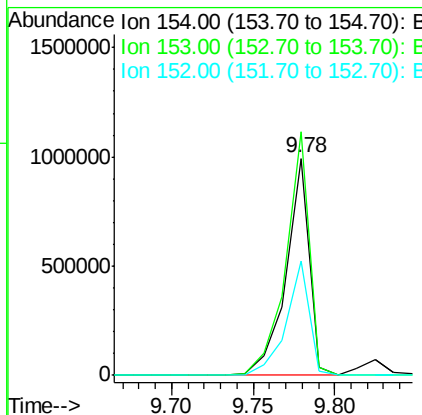
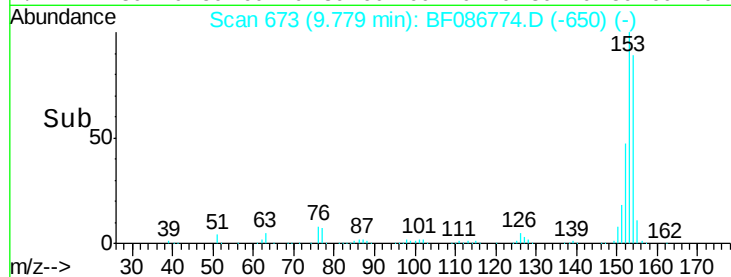
RODNEY-AVE-PS(0-2)KMS



Tgt Ion:	154	Resp:	988287
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.6
152	52.9	43.4	65.0

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#52

3-Nitroaniline

Concen: 19.36 ng

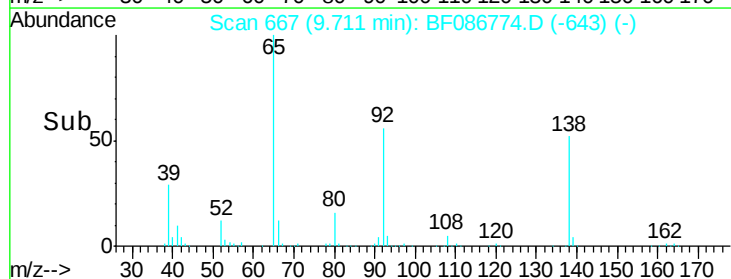
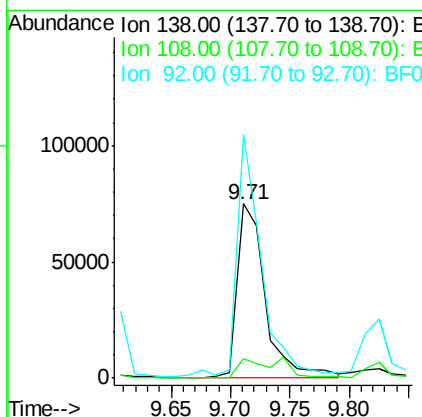
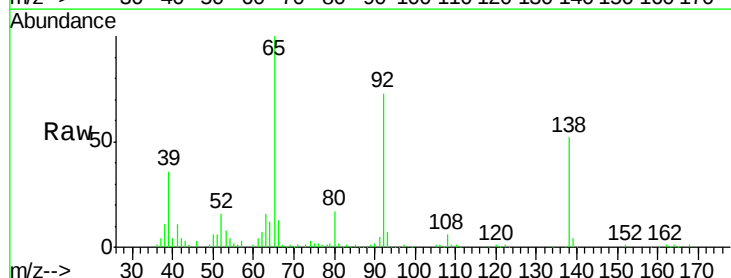
RT: 9.71 min Scan# 667

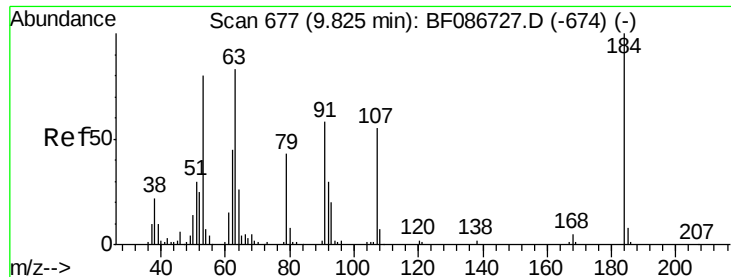
Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

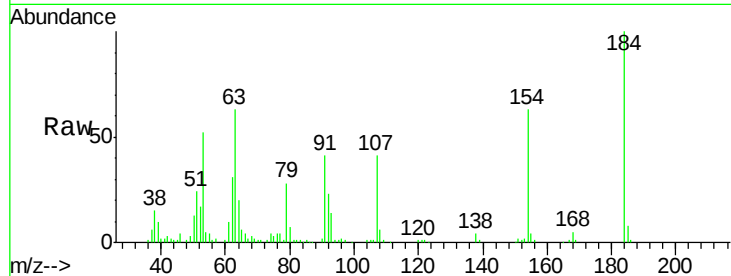
Tgt Ion:	138	Resp:	121903
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	140.0	87.8	131.8#





#53
 2,4-Dinitrophenol
 Concen: 65.21 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

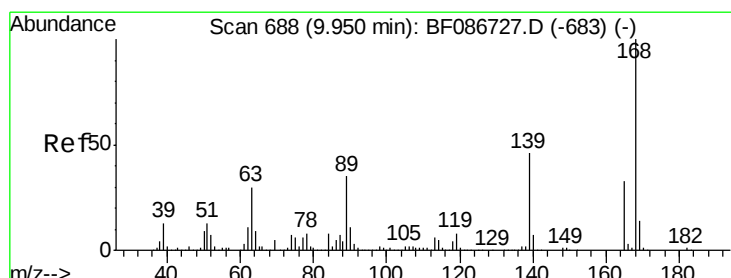
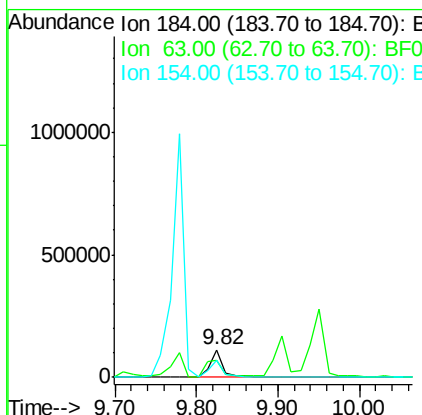
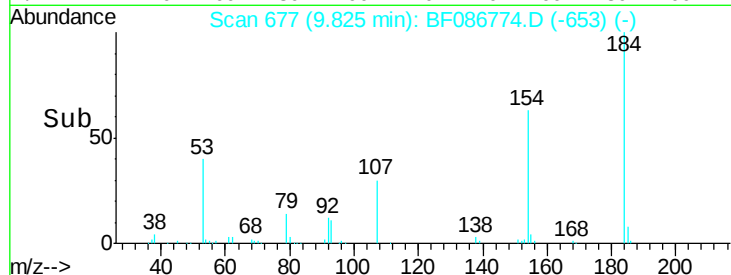
Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129879		
63	62.6	55.8	83.8	
154	63.1	62.4	93.6	

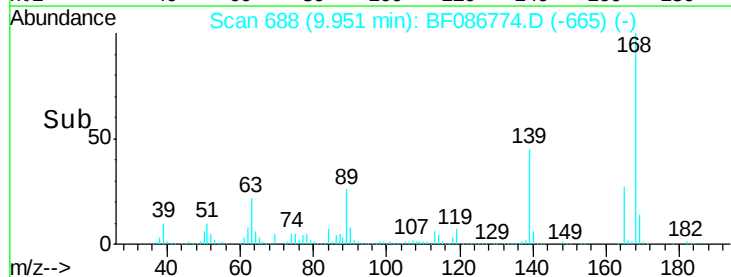
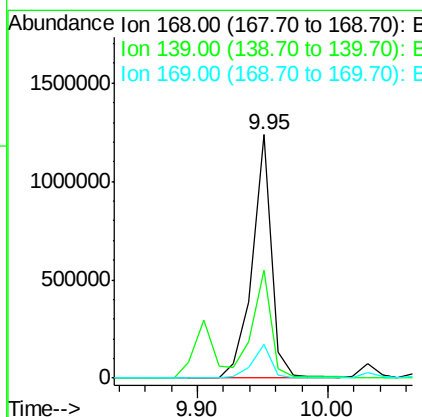
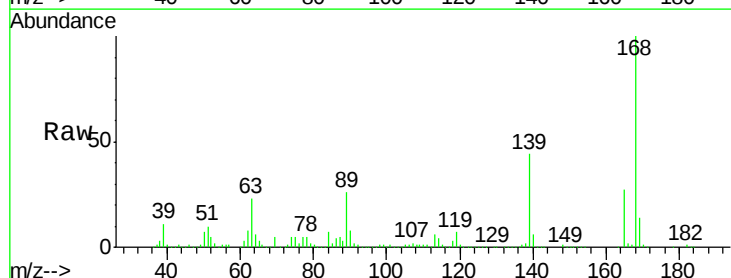
Manual Integrations
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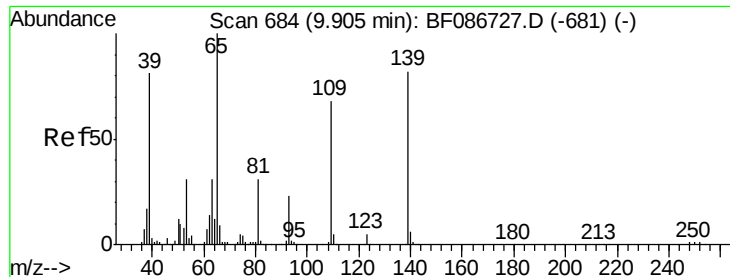
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#54
 Dibenzofuran
 Concen: 48.04 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1273299		
139	44.5	31.4	47.0	
169	13.8	10.7	16.1	





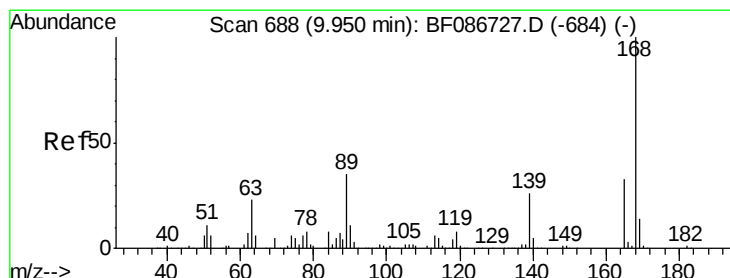
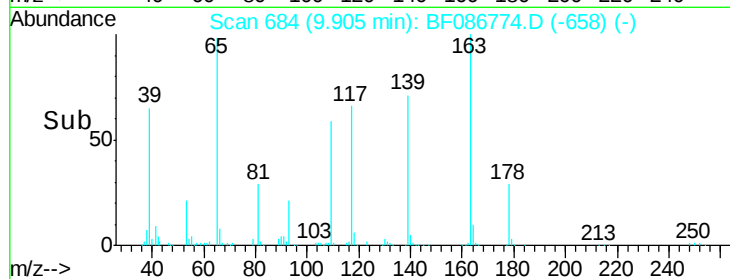
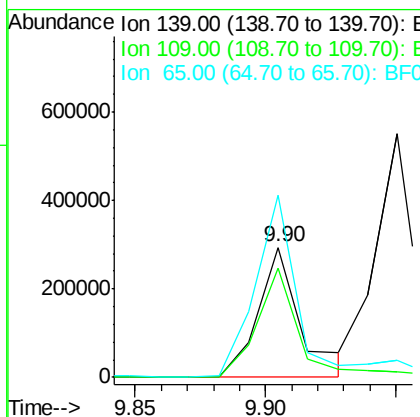
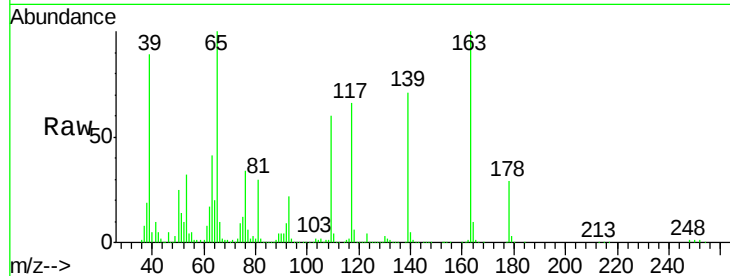
#55
4-Nitrophenol
Concen: 90.96 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.4	36.9	76.9#	
65	140.6	64.0	104.0#	

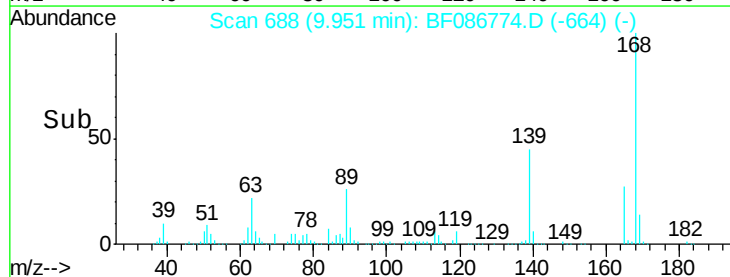
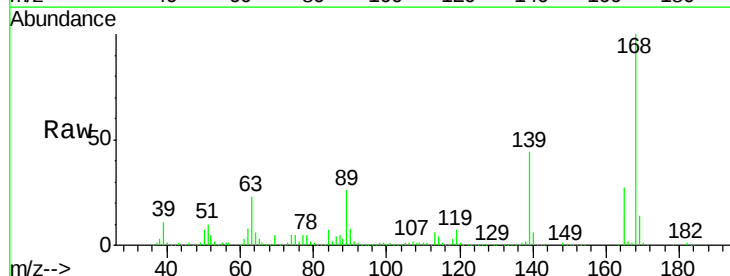
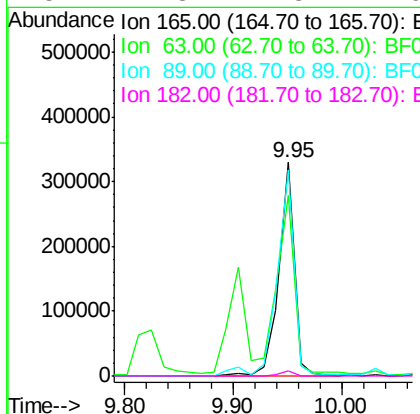
Manual Integrations
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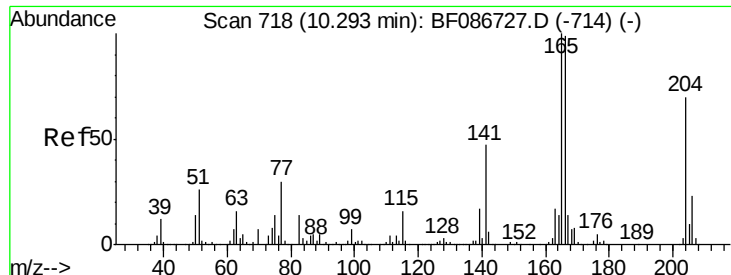
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.98 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	84.7	44.3	66.5#	
89	96.8	70.0	105.0	
182	2.3	1.8	2.6	





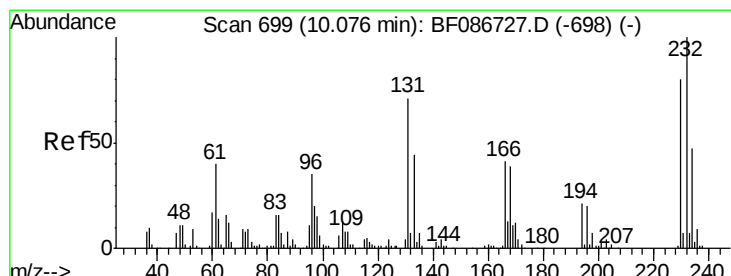
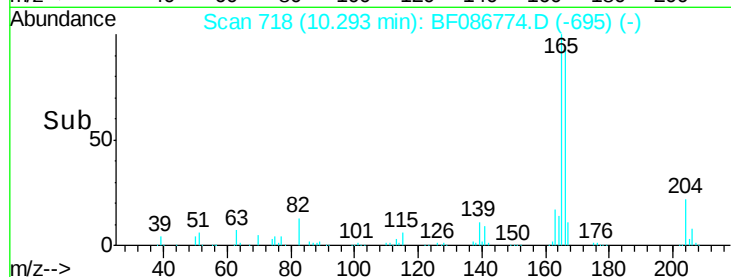
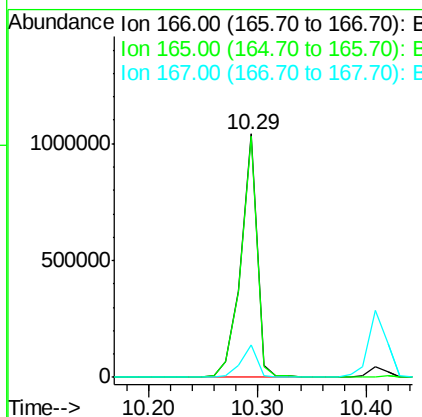
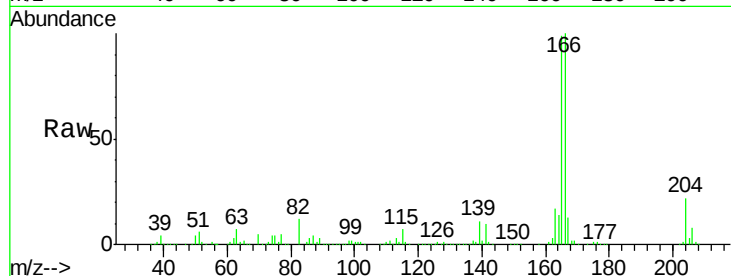
#57
Fluorene
 Concen: 49.66 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion:	166	Resp:	1066701
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.0	118.6
167	13.4	10.6	15.8

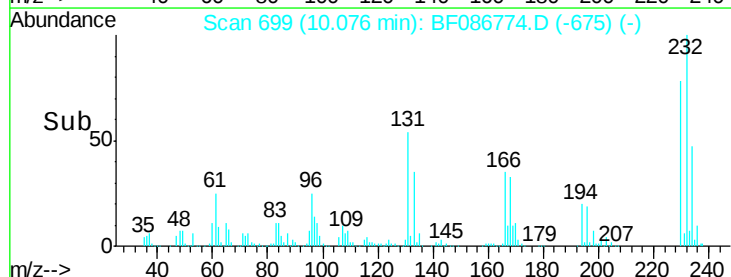
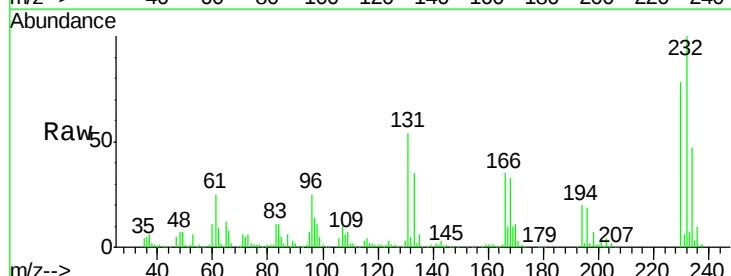
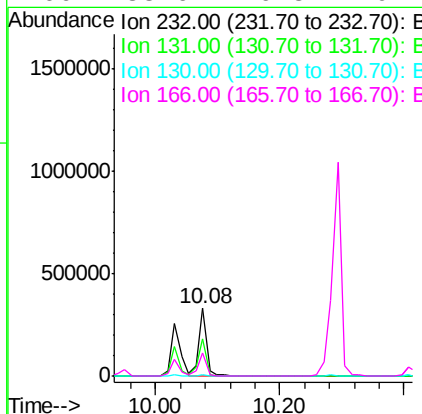
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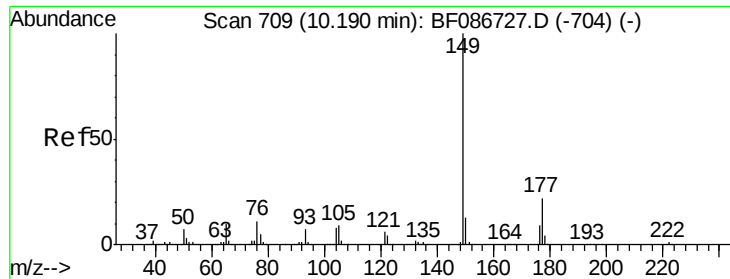
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 59.88 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion:	232	Resp:	292720
Ion Ratio	Lower	Upper	
232	100		
131	55.8	41.9	62.9
130	2.9	2.2	3.4
166	33.6	26.8	40.2





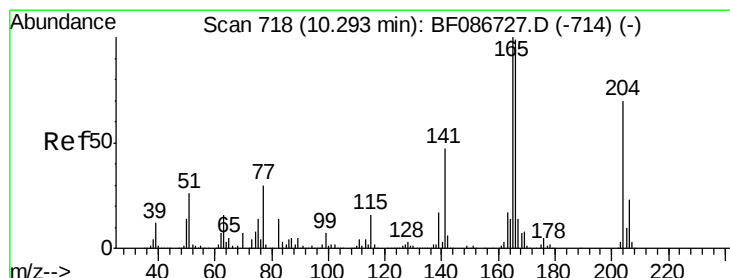
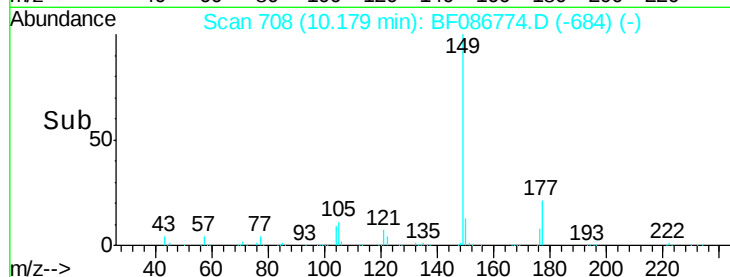
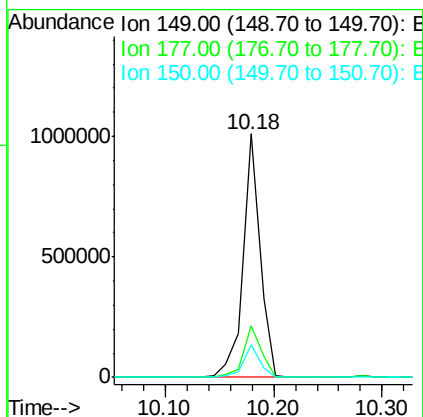
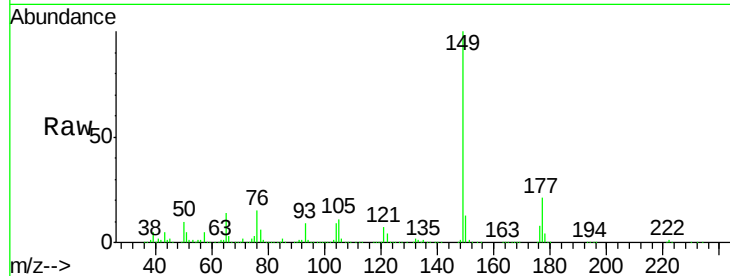
#59
Diethylphthalate
Concen: 44.67 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion:149 Resp: 1090843
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 13.2 10.0 15.0

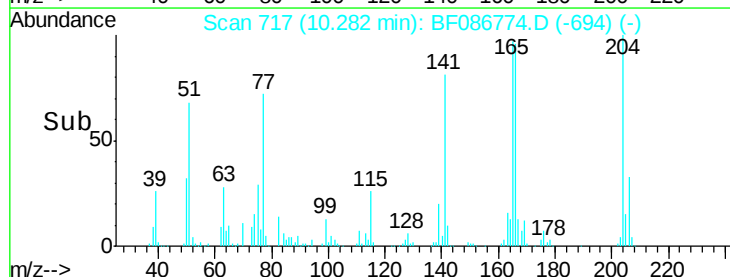
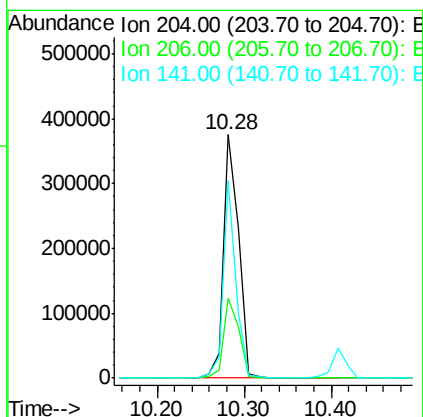
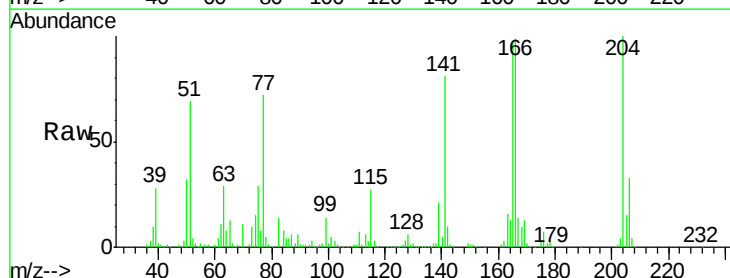
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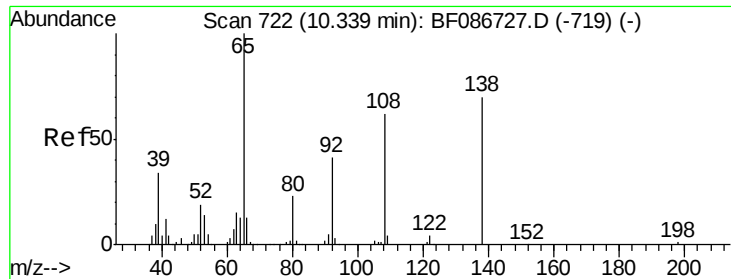
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.72 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion:204 Resp: 456652
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 81.2 61.6 92.4





#61

4-Nitroaniline

Concen: 43.10 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

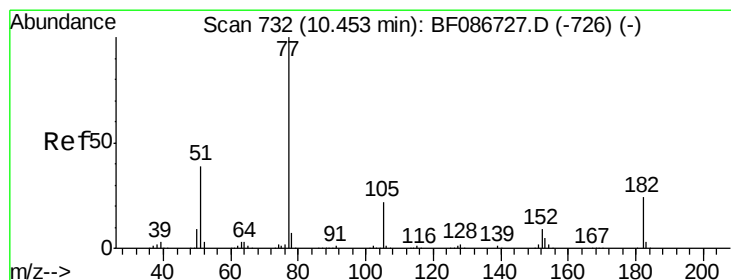
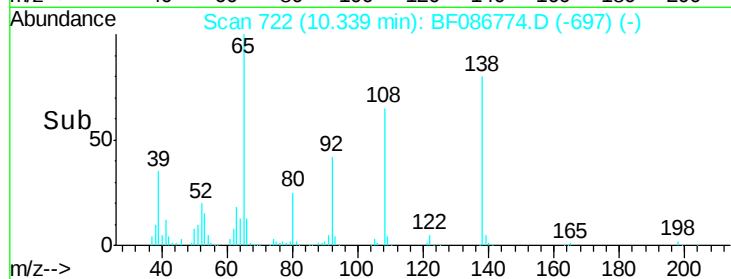
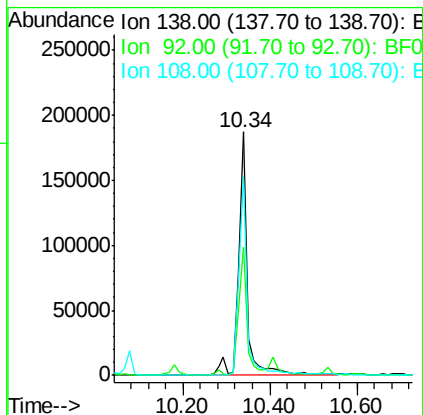
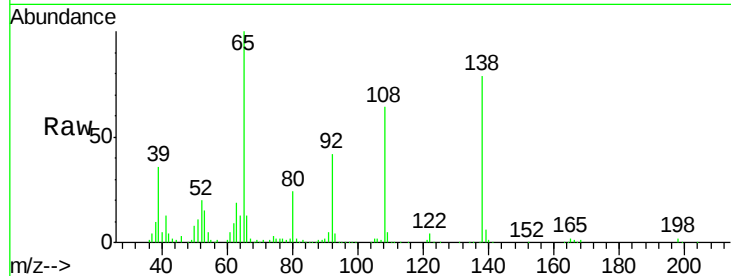
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

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Tgt Ion:	138	Resp:	260684
Ion Ratio	Lower	Upper	
138	100		
92	52.9	24.7	64.7
108	81.6	37.4	77.4#



#62

Azobenzene

Concen: 47.51 ng

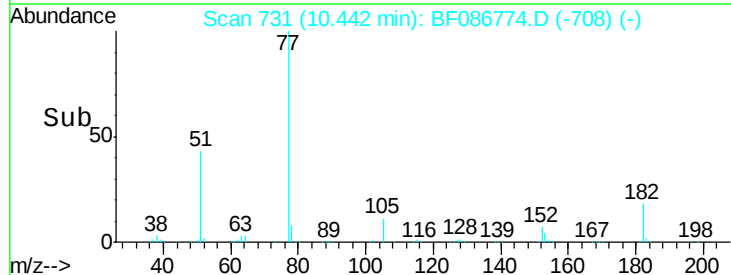
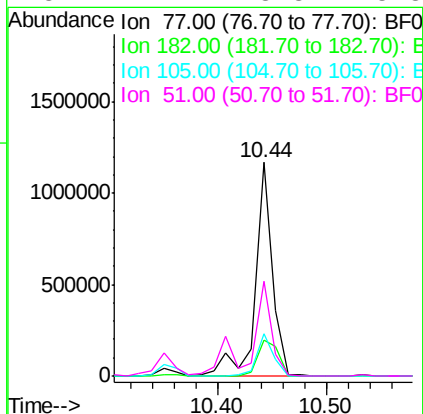
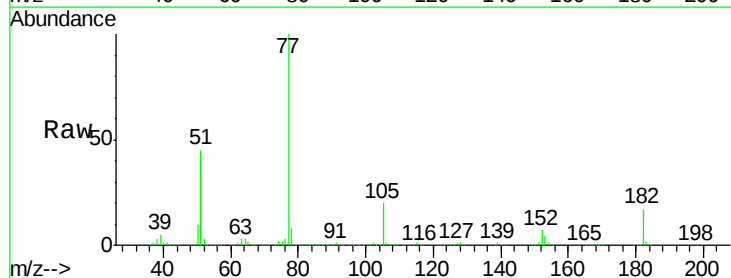
RT: 10.44 min Scan# 731

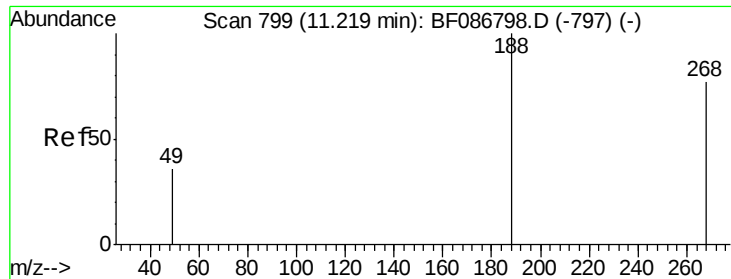
Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	77	Resp:	1285678
Ion Ratio	Lower	Upper	
77	100		
182	16.5	0.0	38.8
105	19.9	3.2	43.2
51	44.7	8.8	48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion:188 Resp: 589163

Ion Ratio Lower Upper

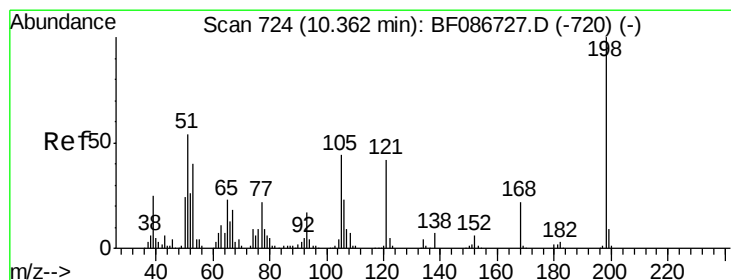
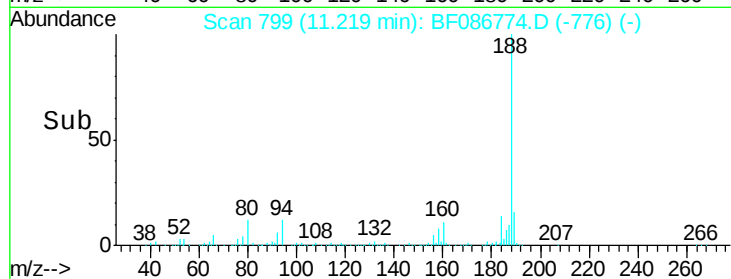
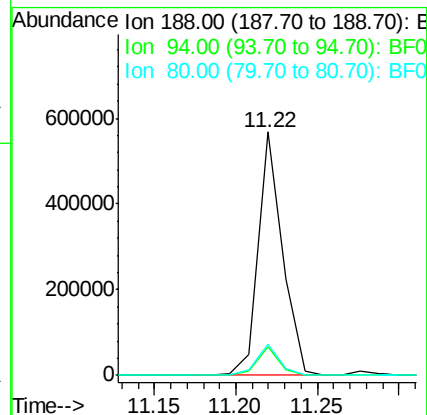
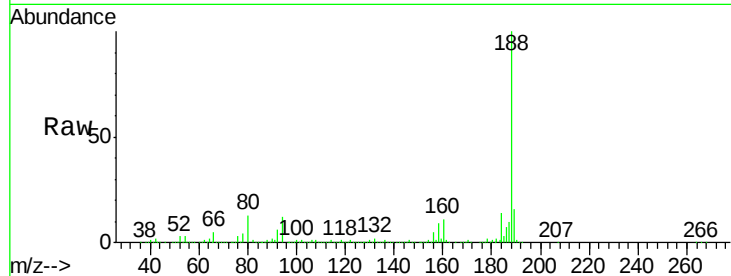
188 100

94 11.8 6.8 10.2#

80 12.6 7.1 10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 53.87 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

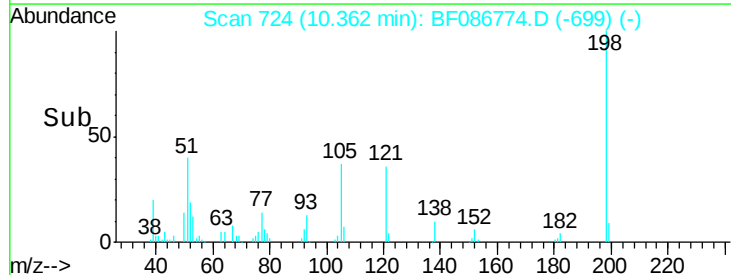
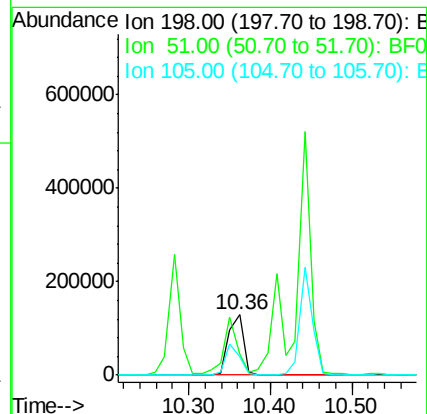
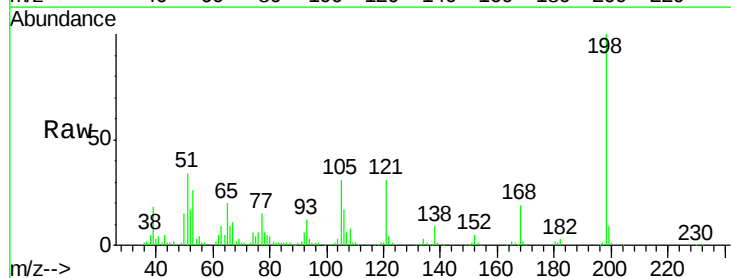
Tgt Ion:198 Resp: 167488

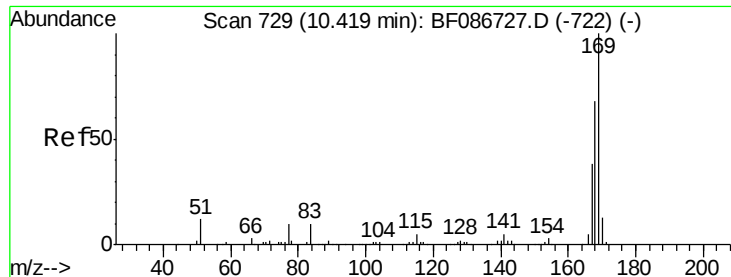
Ion Ratio Lower Upper

198 100

51 34.2 20.5 60.5

105 31.0 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 48.33 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

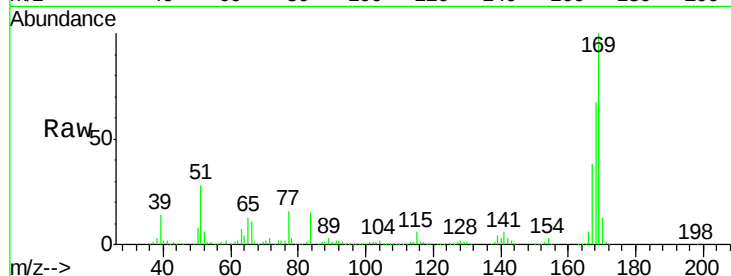
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

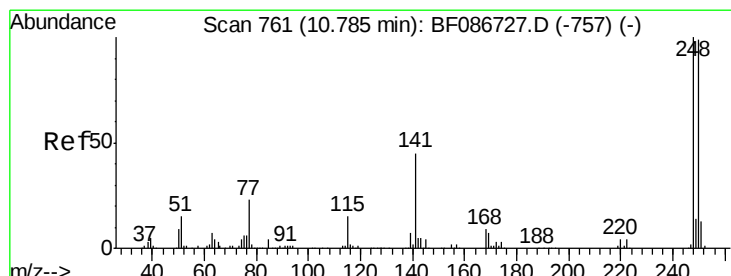
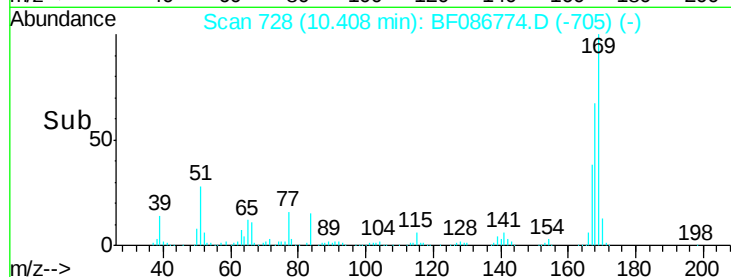
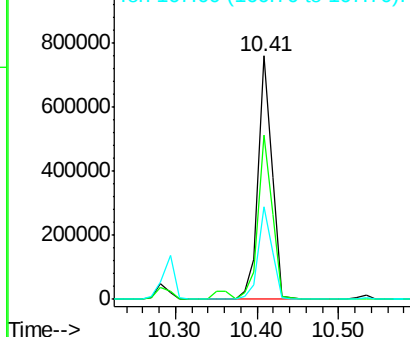
Tgt Ion:	169	Resp:	904087
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.8	29.5	44.3

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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: 51.82 ng

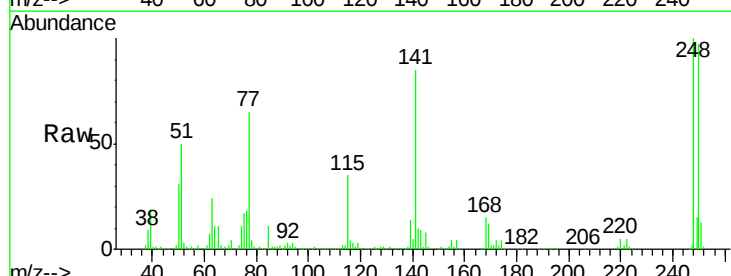
RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

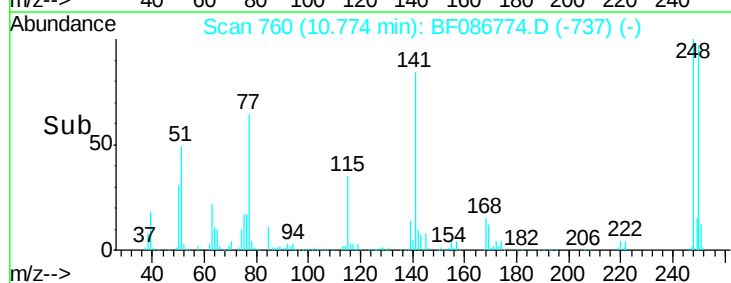
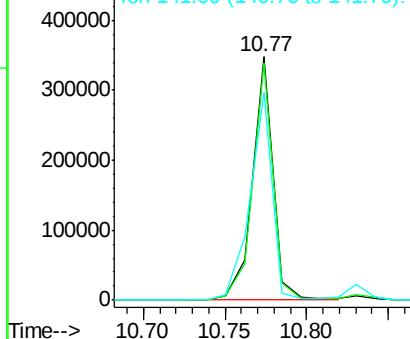
Lab File: BF086774.D

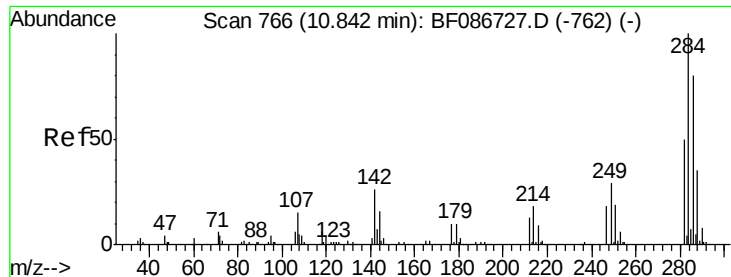
Acq: 7 May 2016 15:14

Tgt Ion:	248	Resp:	303407
Ion Ratio	Lower	Upper	
248	100		
250	97.4	78.6	117.8
141	85.3	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: 46.76 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

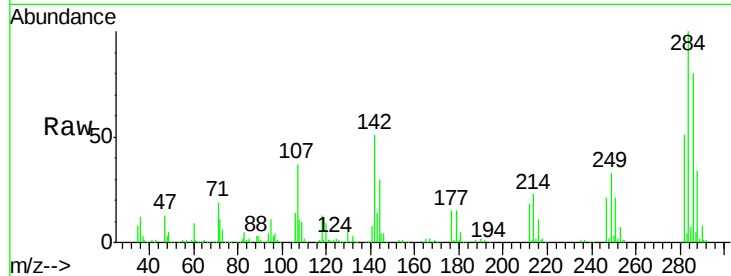
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

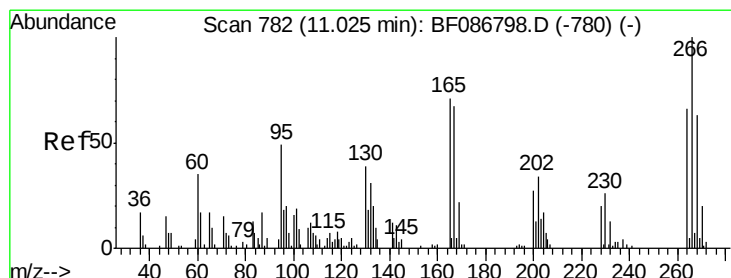
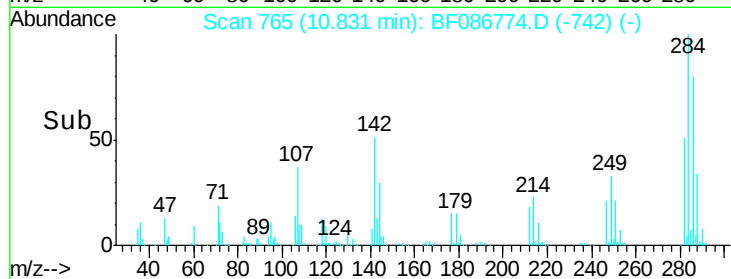
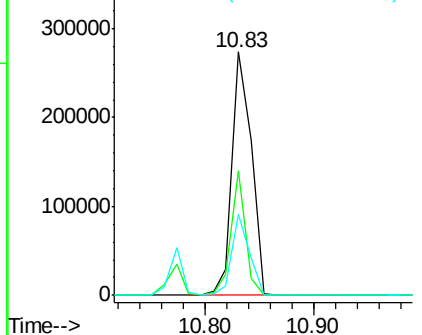
Tgt Ion:	284	Resp:	333890
Ion Ratio	Lower	Upper	
284	100		
142	51.2	16.7	25.1#
249	33.1	21.3	31.9#

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



#68

Atrazine

Concen: 48.41 ng

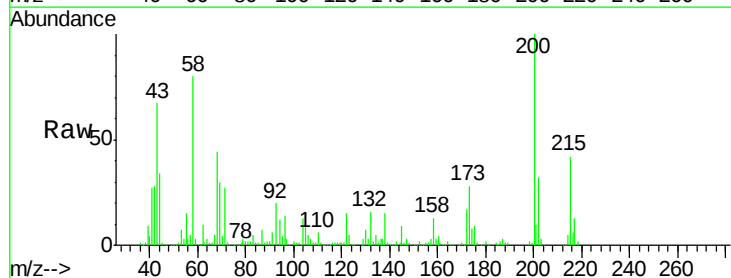
RT: 10.94 min Scan# 775

Delta R.T. -0.02 min

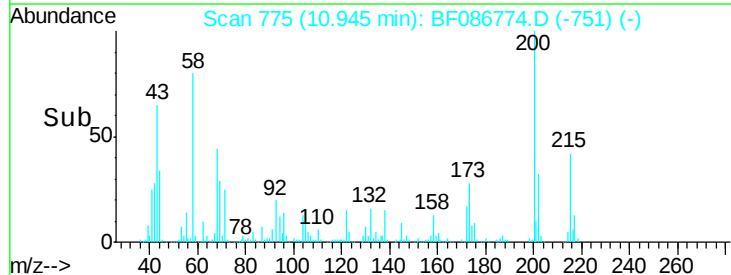
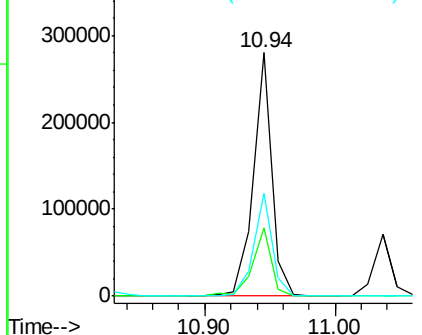
Lab File: BF086774.D

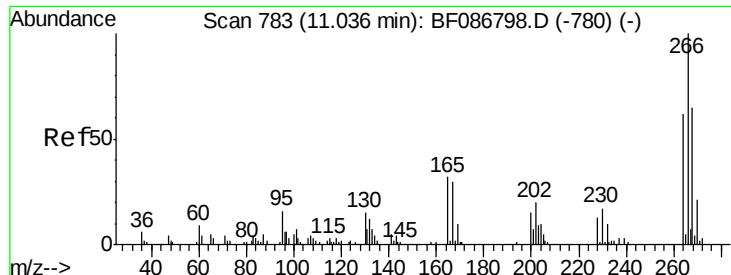
Acq: 7 May 2016 15:14

Tgt Ion:	200	Resp:	277557
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.5	48.5
215	42.5	27.2	67.2



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





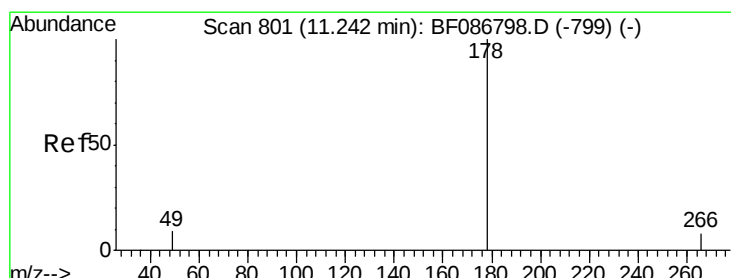
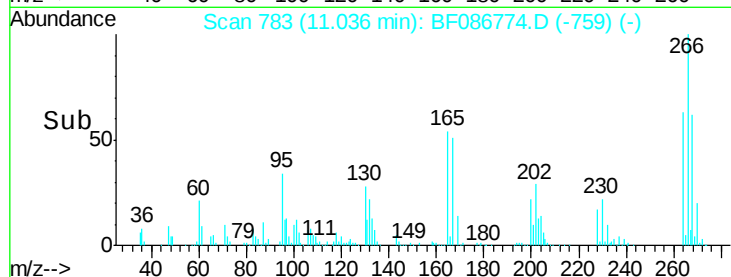
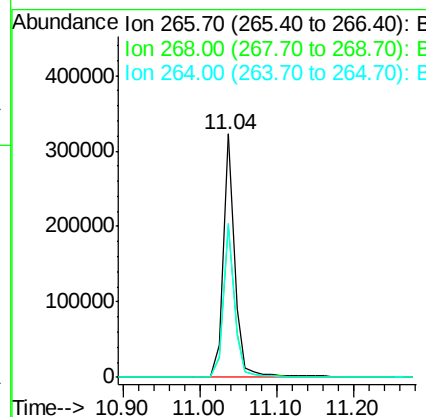
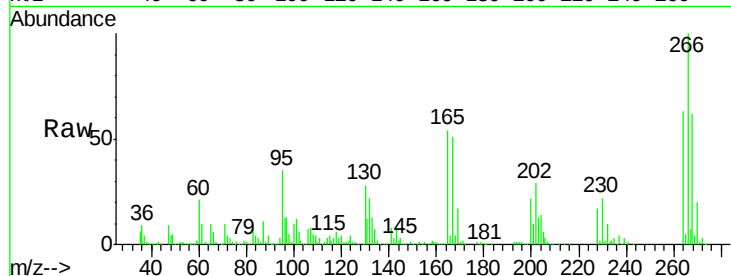
#69
 Pentachlorophenol
 Concen: 96.81 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	340012		
268	62.4	51.5	77.3	
264	63.1	52.9	79.3	

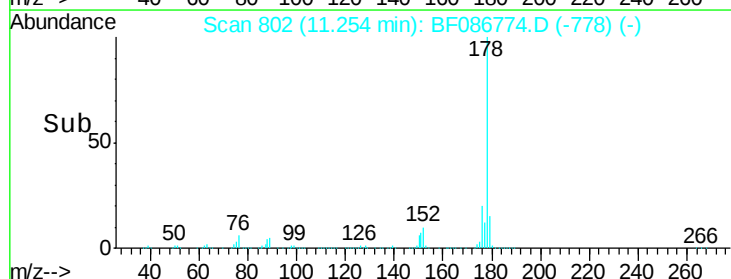
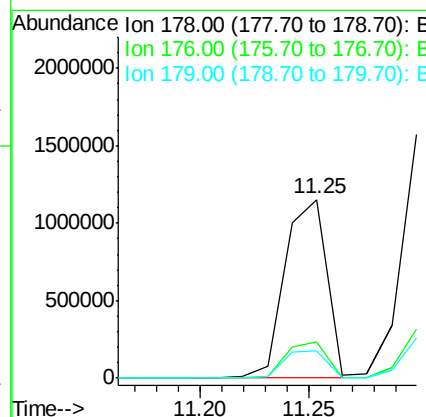
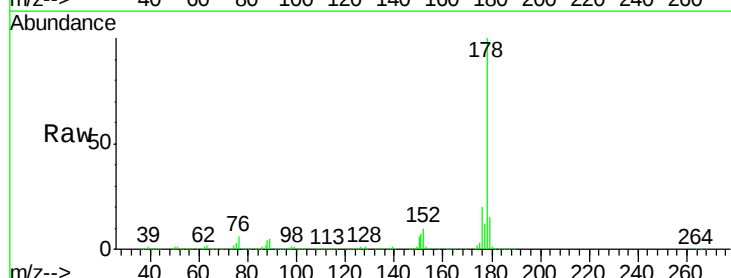
Manual Integrations
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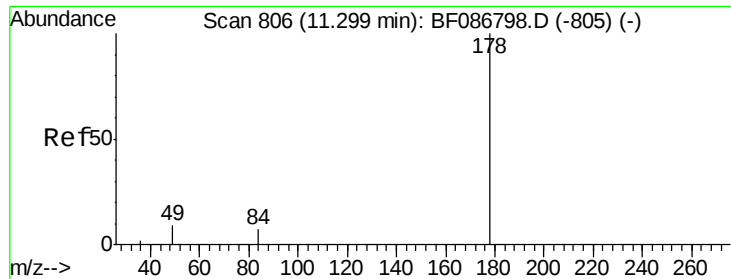
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#70
 Phenanthrene
 Concen: 49.08 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1553054		
176	20.4	16.0	24.0	
179	15.3	12.6	18.8	





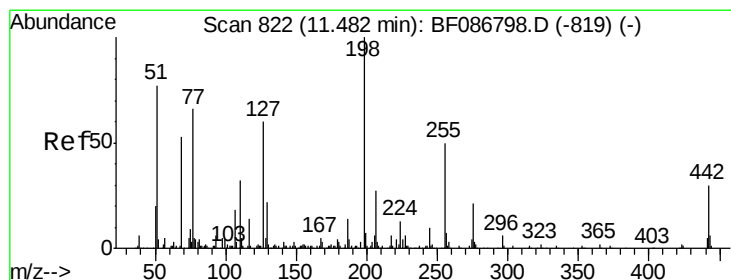
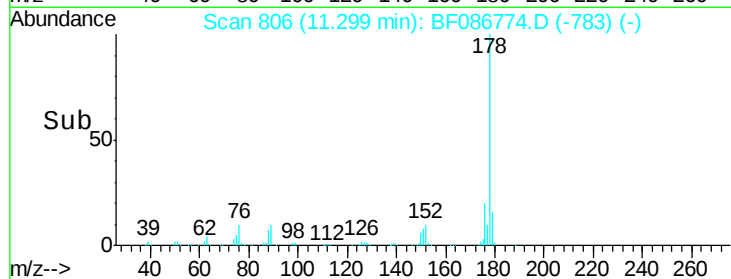
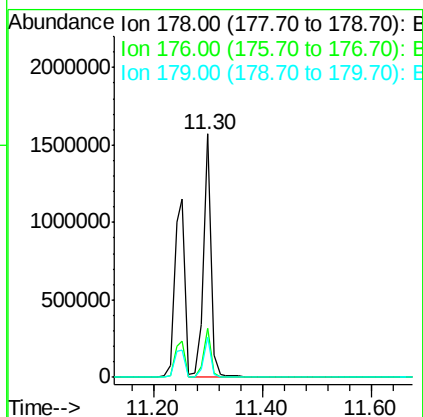
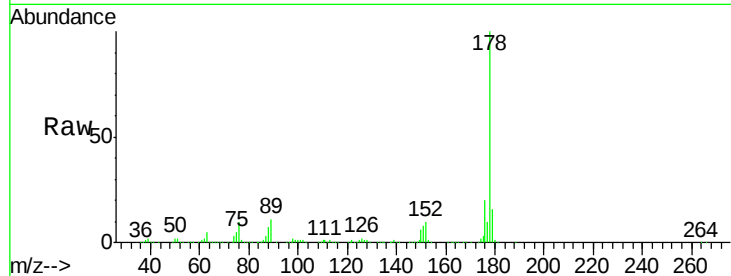
#71
 Anthracene
 Concen: 44.70 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion:178 Resp: 1481364
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 16.2 12.7 19.1

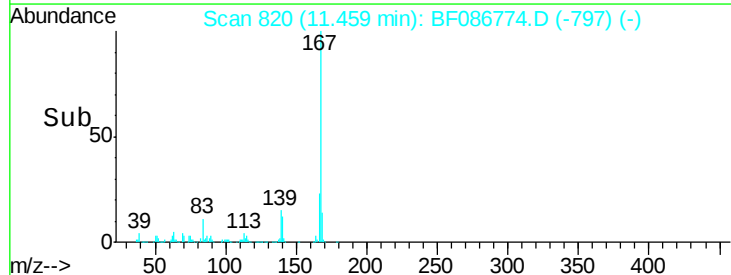
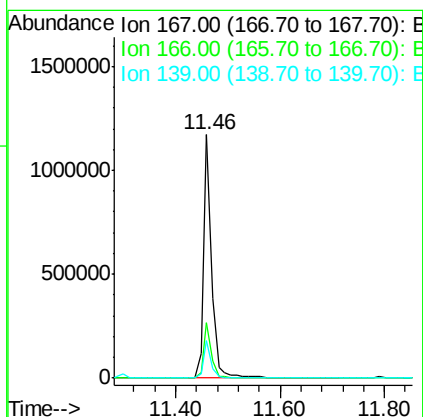
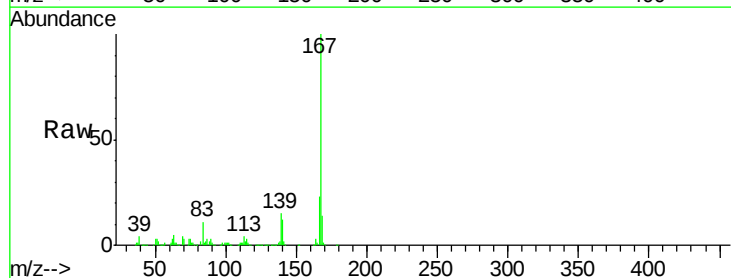
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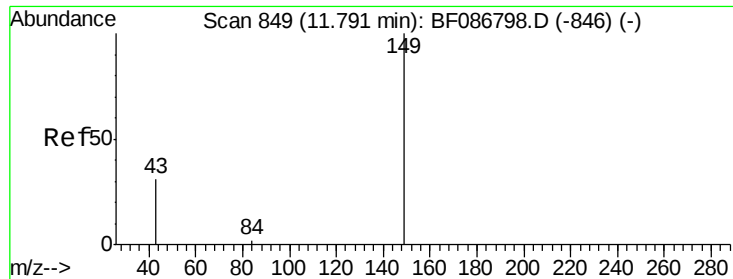
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#72
 Carbazole
 Concen: 44.11 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion:167 Resp: 1269316
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 15.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.82 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

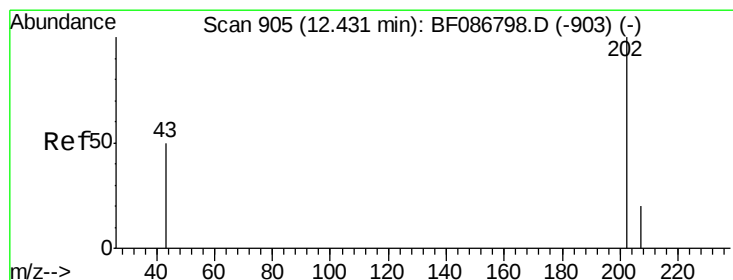
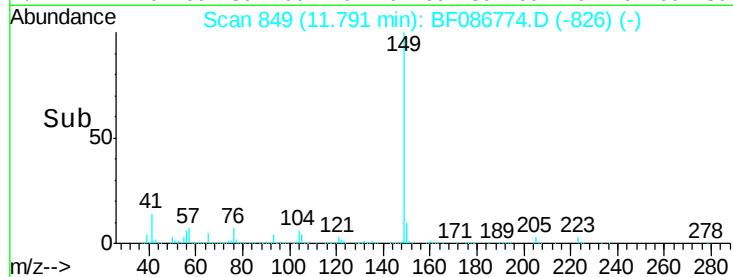
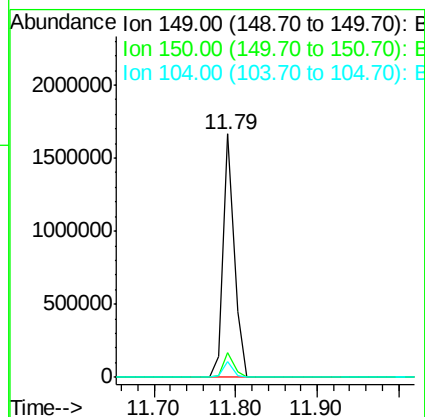
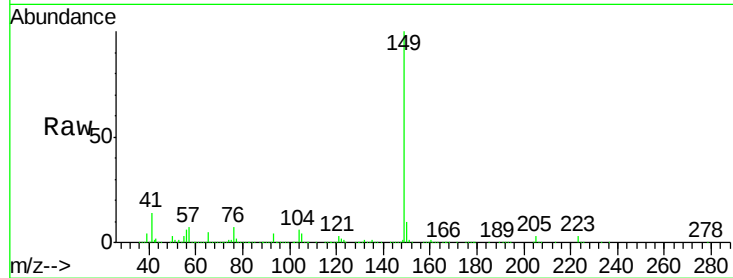
RODNEY-AVE-PS(0-2)KMS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.5	3.8	5.6



#74

Fluoranthene

Concen: 47.48 ng

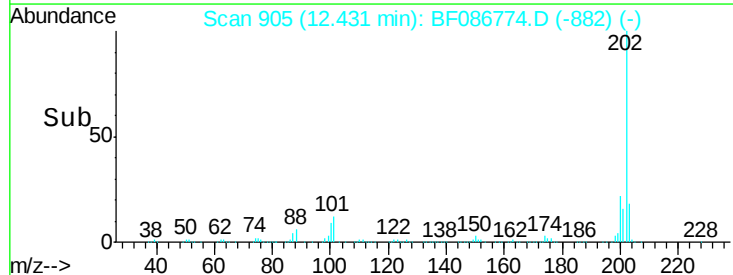
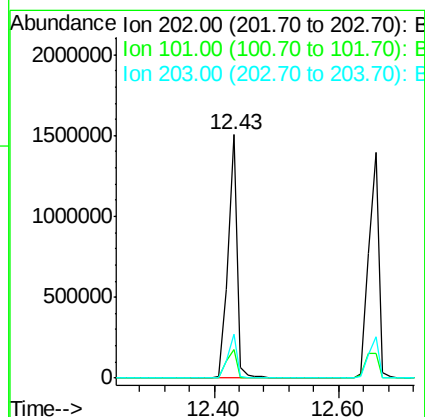
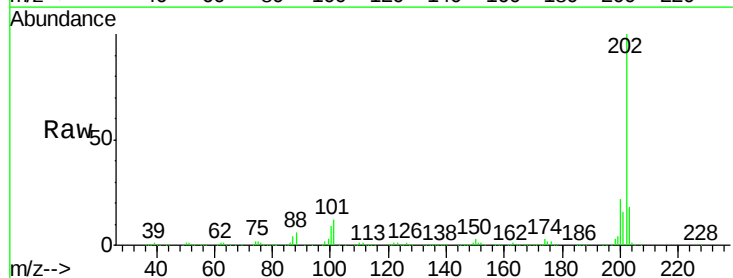
RT: 12.43 min Scan# 905

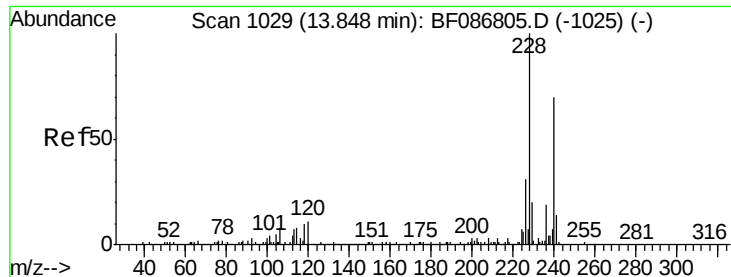
Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

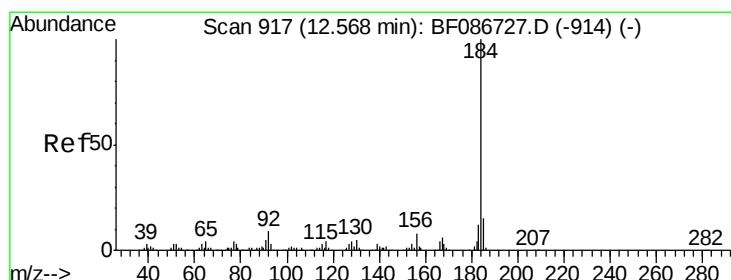
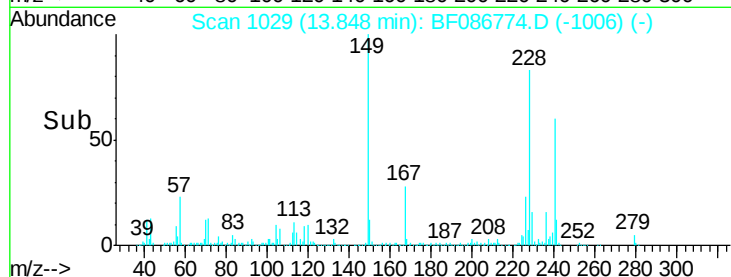
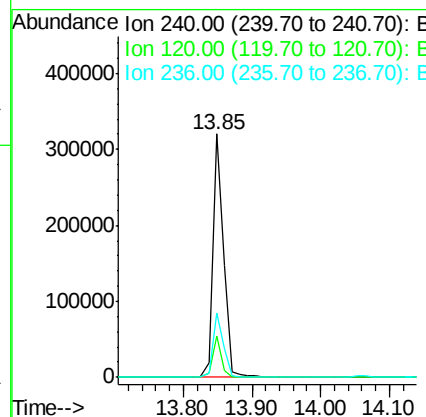
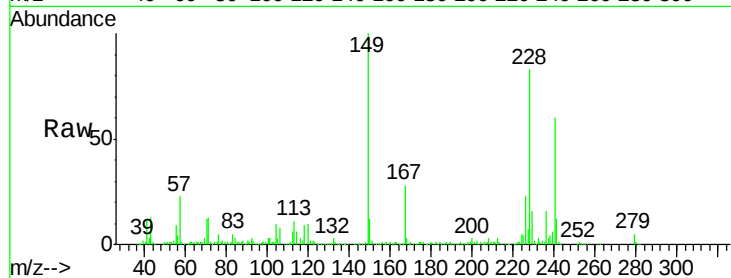
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	349048		
120	16.9	11.2	16.8#	
236	26.4	21.2	31.8	

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#76

Benzidine

Concen: 16.47 ng

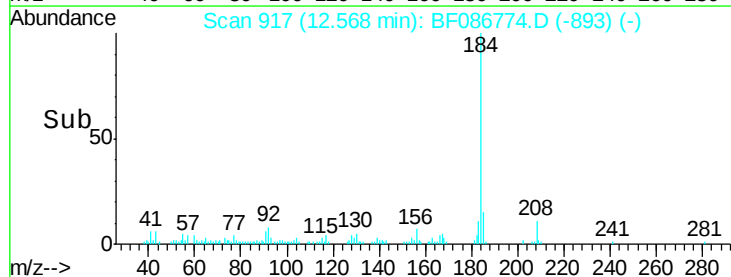
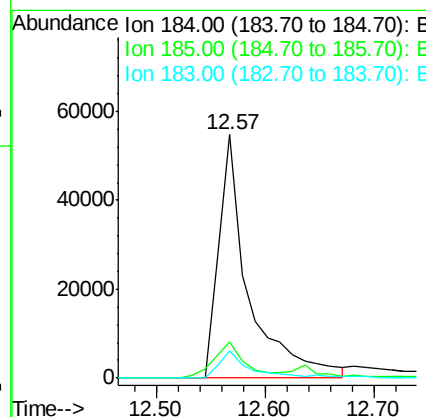
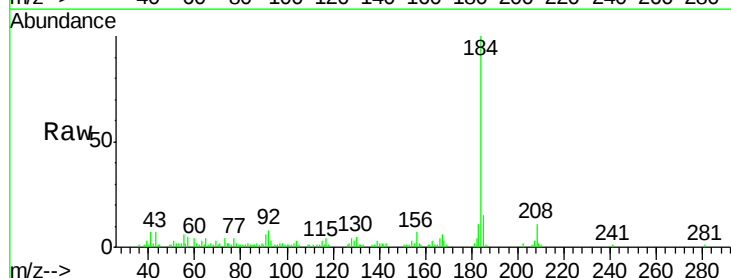
RT: 12.57 min Scan# 917

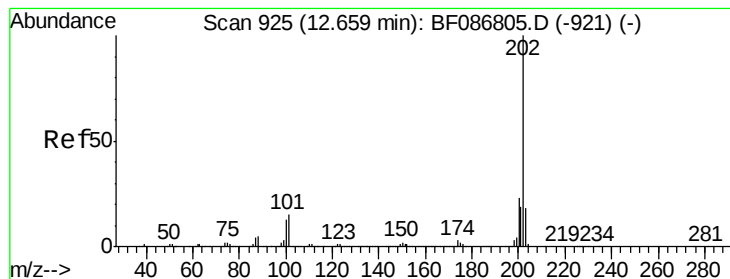
Delta R.T. -0.02 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	105186		
185	15.1	13.6	20.4	
183	11.5	9.8	14.6	





#77

Pyrene

Concen: 55.78 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion:202 Resp: 1552186

Ion Ratio Lower Upper

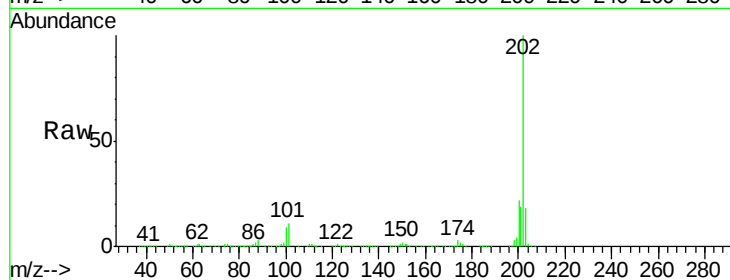
202 100

200 22.4 17.7 26.5

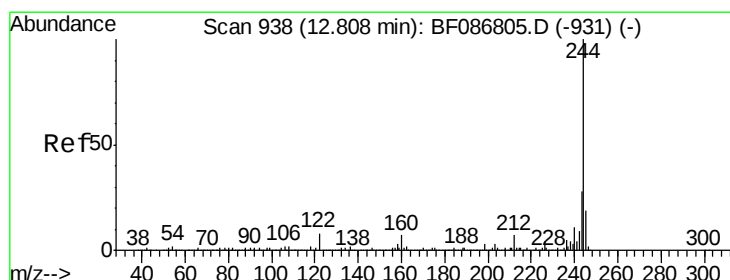
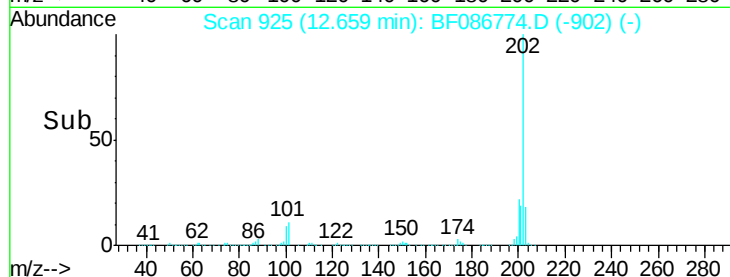
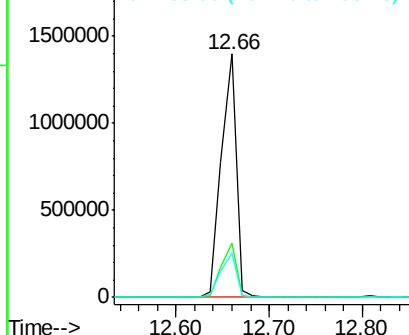
203 18.1 14.2 21.4

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



#78

Terphenyl-d14

Concen: 102.89 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

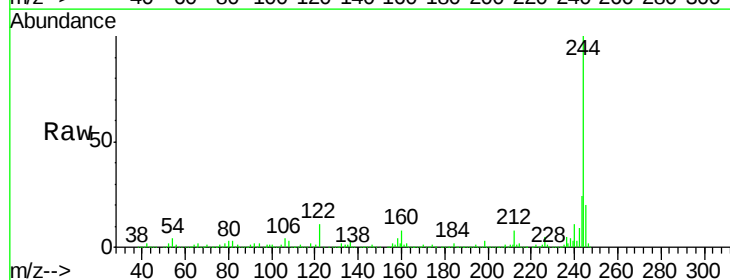
Tgt Ion:244 Resp: 1776978

Ion Ratio Lower Upper

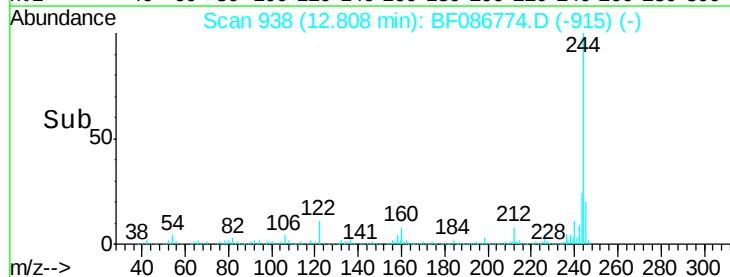
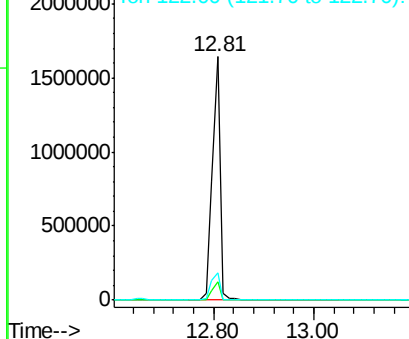
244 100

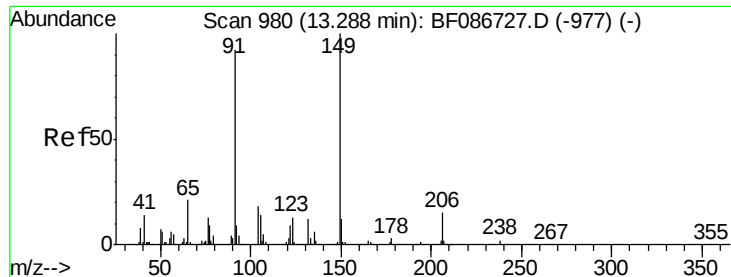
212 7.7 6.2 9.2

122 11.2 12.0 18.0#



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





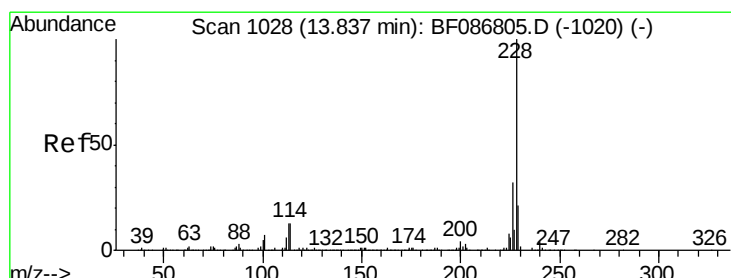
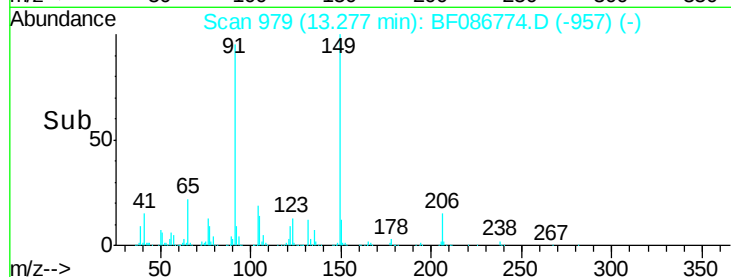
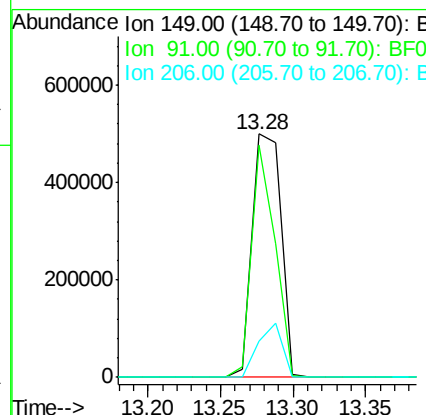
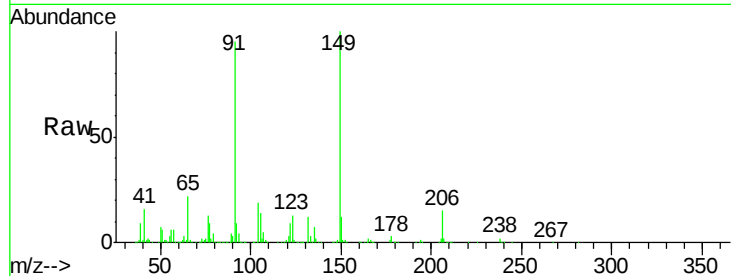
#79
Butylbenzylphthalate
Concen: 59.34 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	95.1	48.0	72.0#
206	15.1	15.8	23.6#

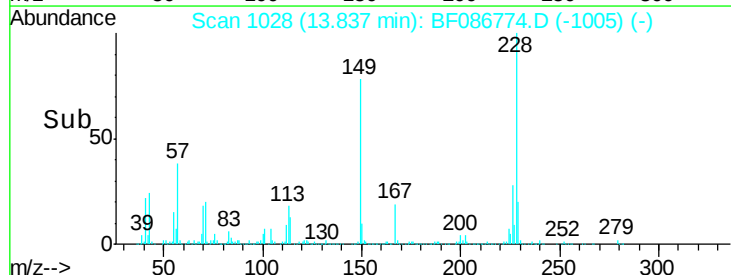
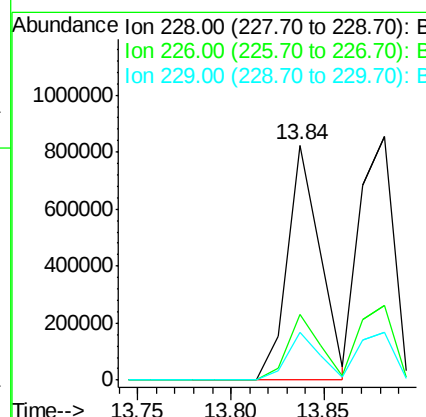
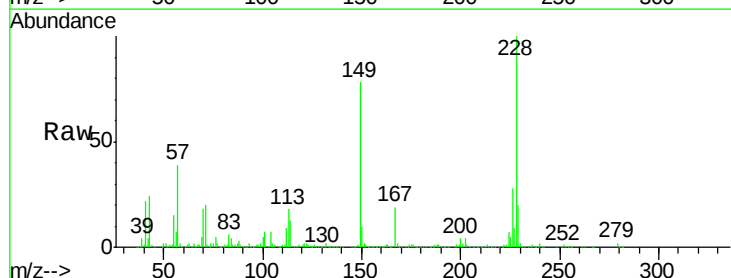
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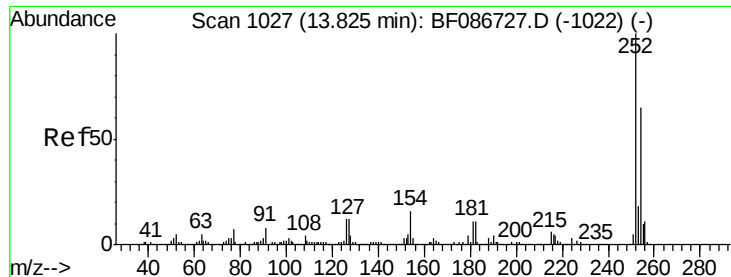
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#80
Benzo(a)anthracene
Concen: 51.11 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.5	33.7
229	20.1	16.6	25.0





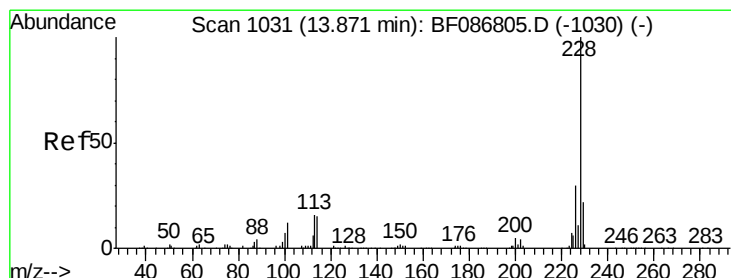
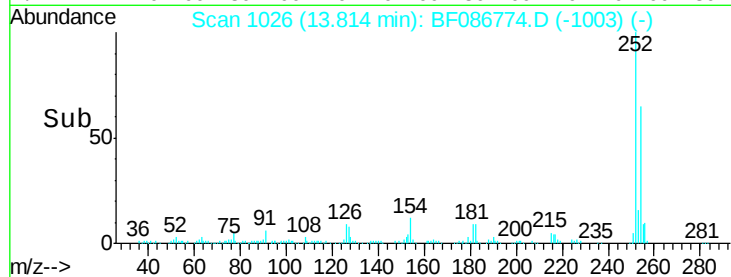
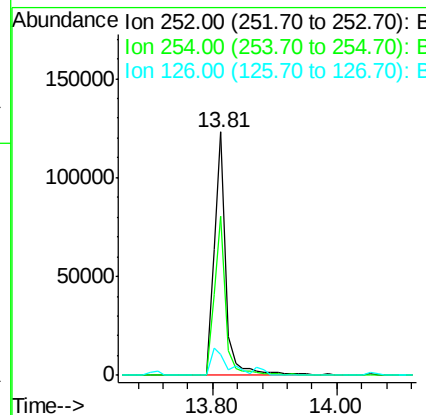
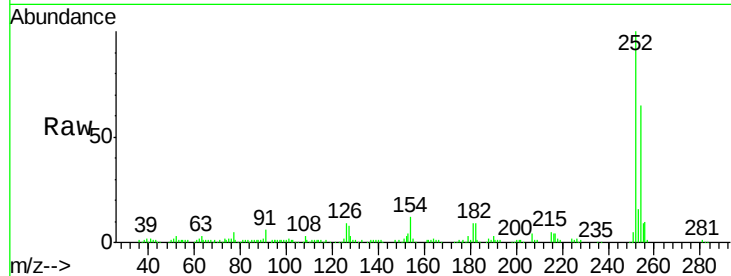
#81
 3,3'-Dichlorobenzidine
 Concen: 12.81 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	50.7	76.1
126	8.8	12.7	19.1

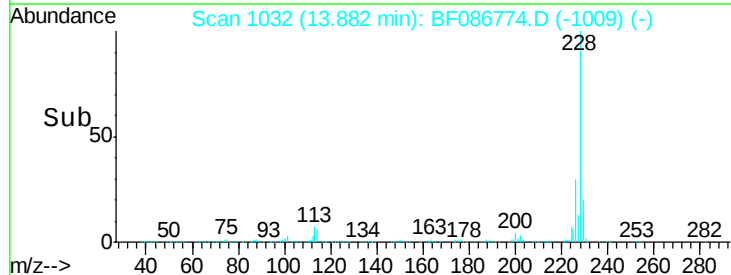
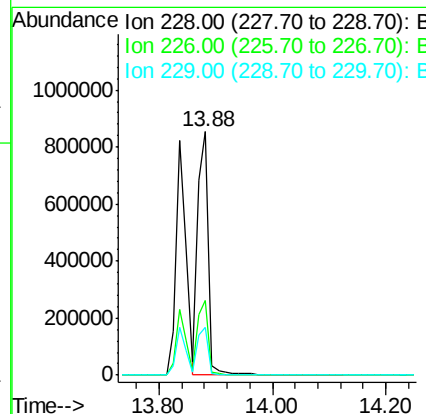
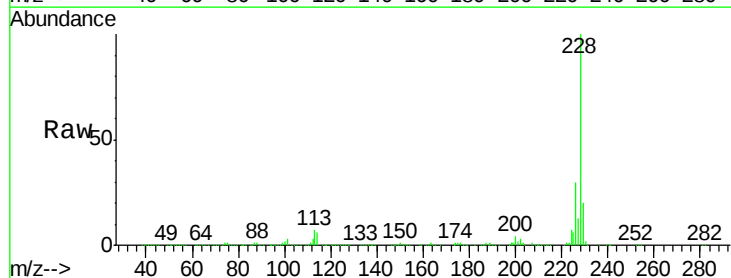
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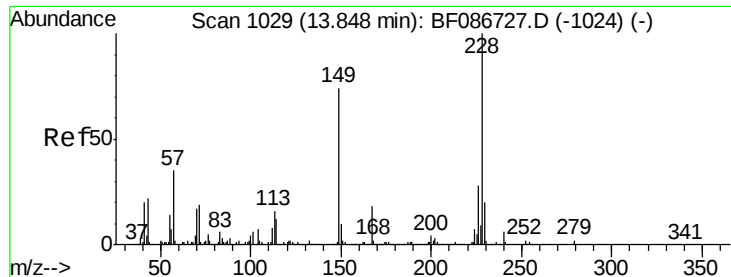
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#82
 Chrysene
 Concen: 53.06 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.4	36.6
229	19.5	15.8	23.8





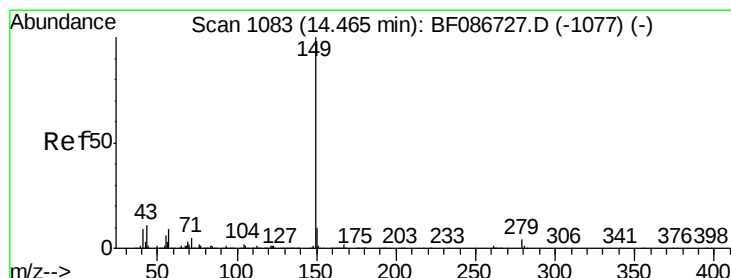
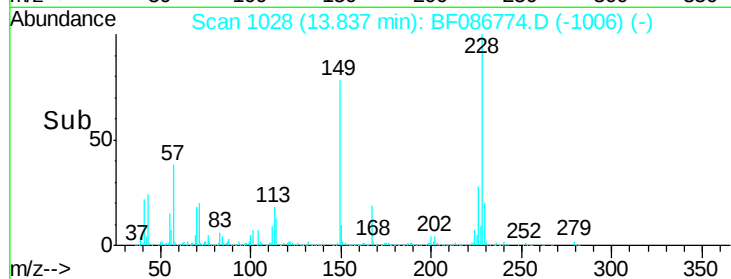
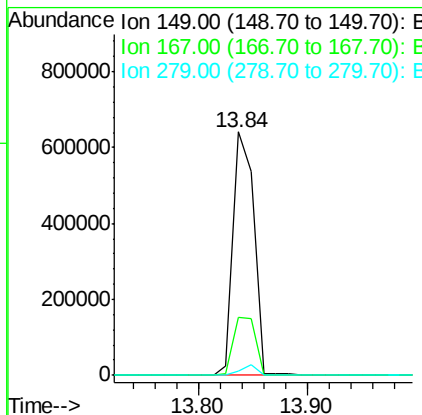
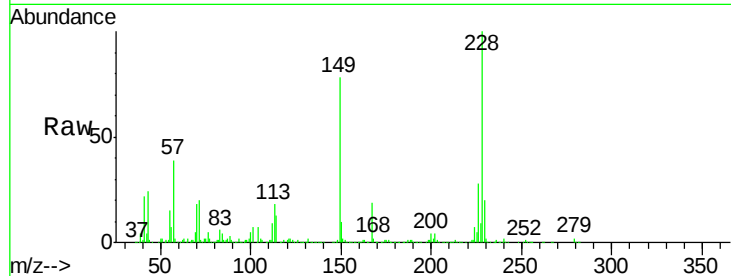
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.99 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.05 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	836110		
167	24.0	21.8	32.6	
279	2.0	2.6	4.0	

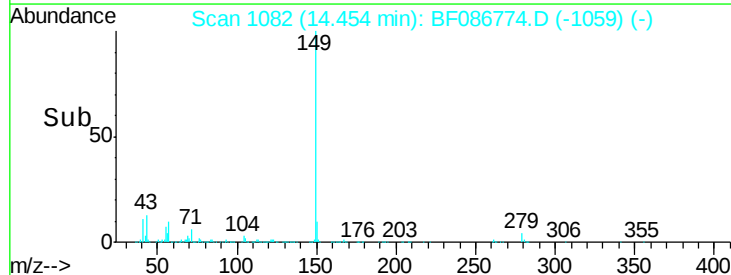
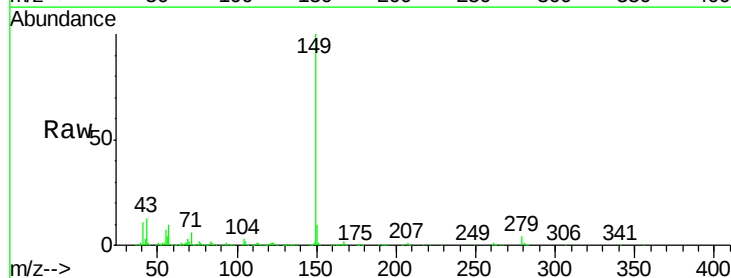
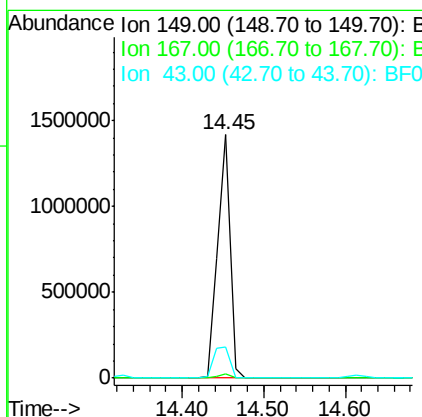
Manual Integrations
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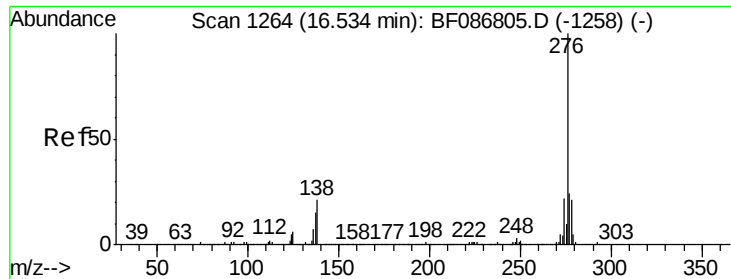
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#84
 Di-n-octyl phthalate
 Concen: 75.79 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF086774.D
 Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1504186		
167	1.6	1.2	1.8	
43	16.6	8.2	12.4	





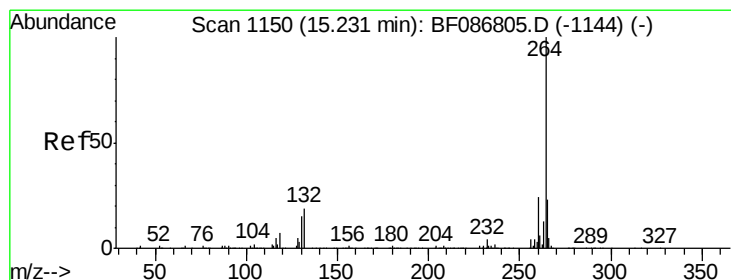
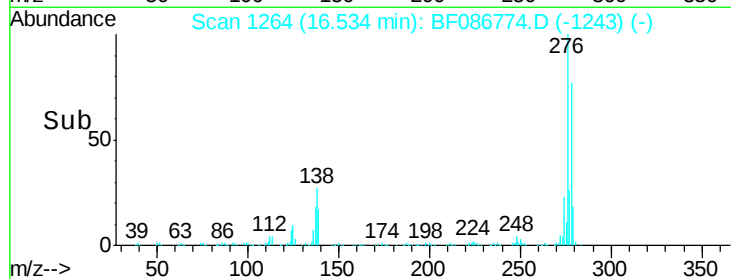
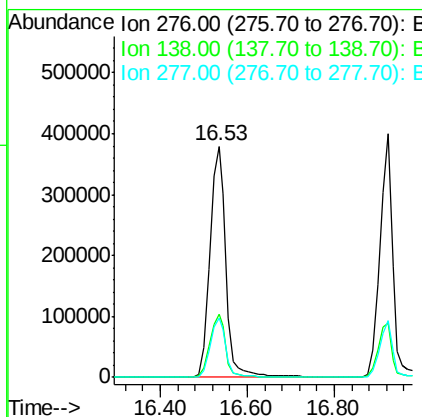
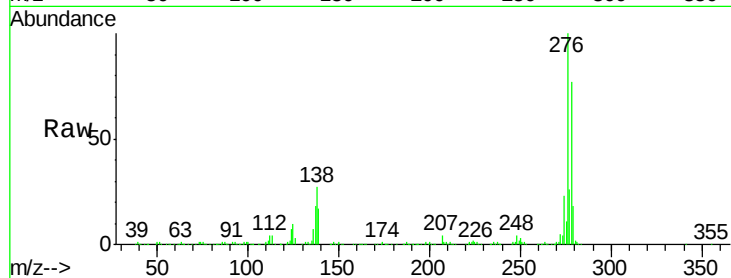
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.86 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.06 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	991291		
138	27.4	25.6	38.4	
277	25.5	20.5	30.7	

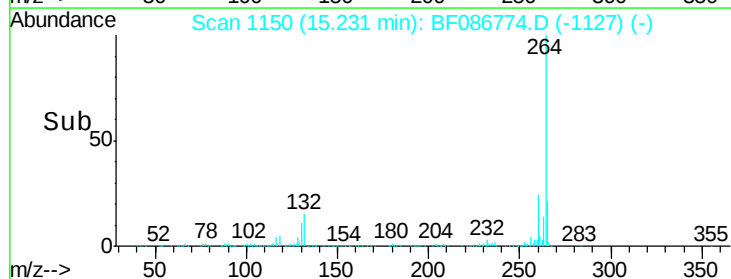
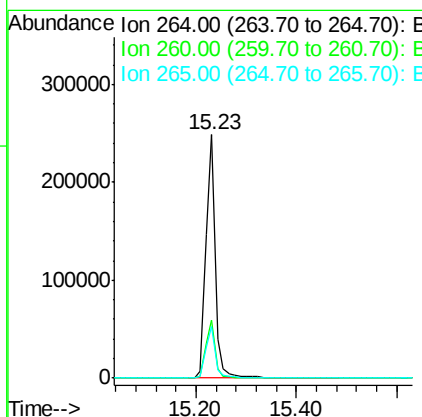
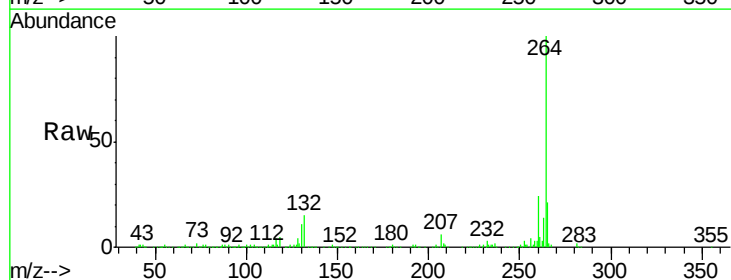
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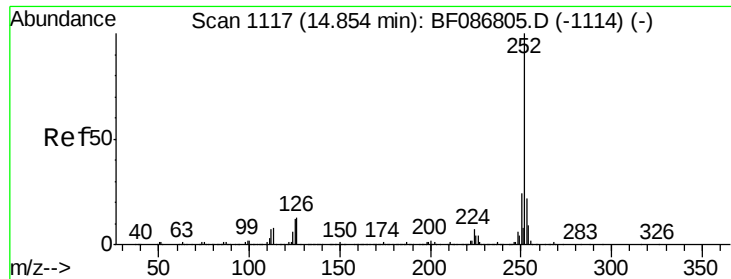
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#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	323743		
260	24.1	19.5	29.3	
265	21.1	17.3	25.9	





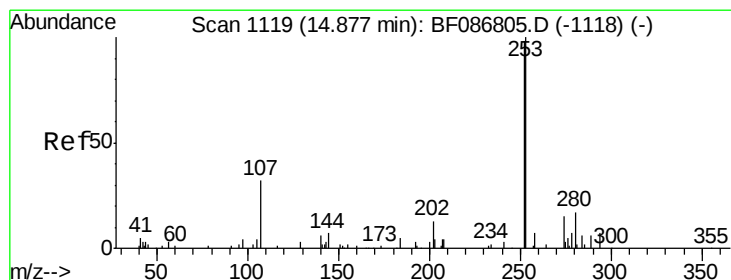
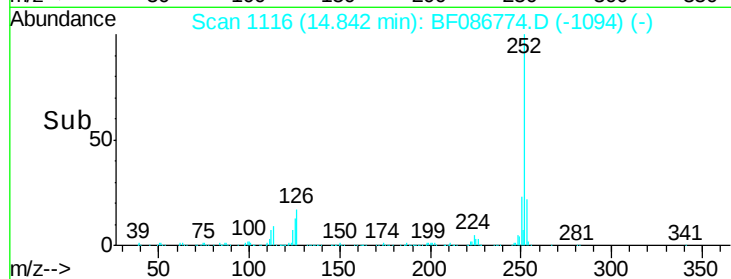
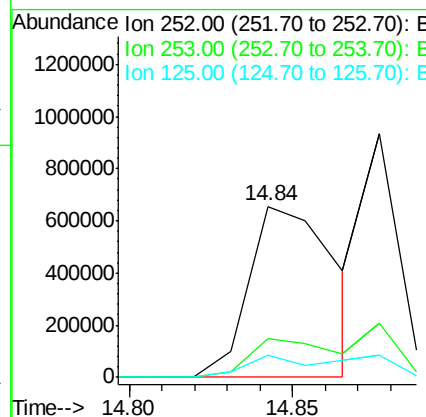
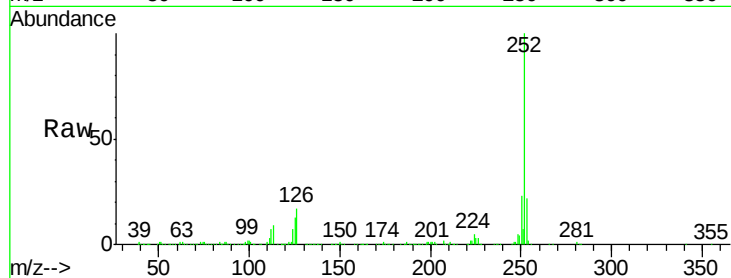
#87
Benzo(b)fluoranthene
Concen: 62.14 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Tgt Ion:252 Resp: 1208857
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.9 11.4 17.0

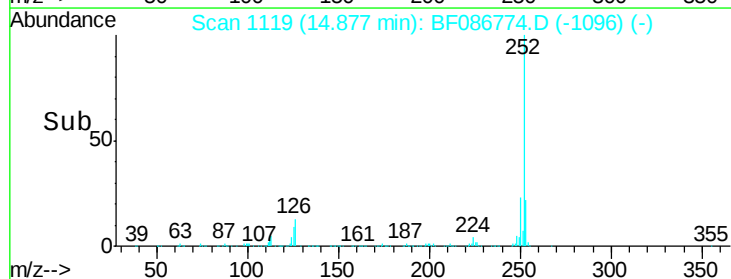
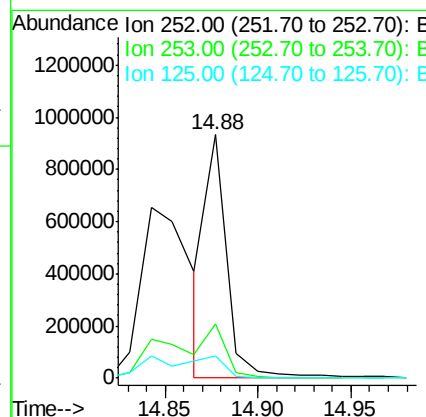
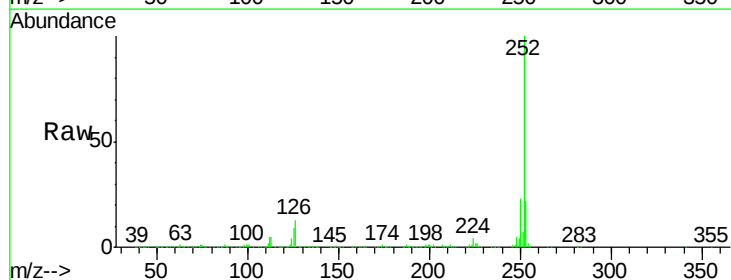
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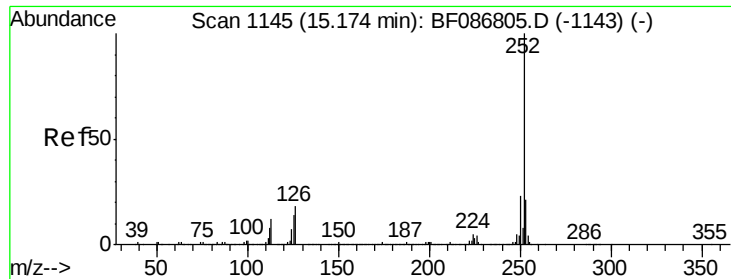
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.01 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BF086774.D
Acq: 7 May 2016 15:14

Tgt Ion:252 Resp: 751629
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.2 9.1 13.7





#89

Benzo(a)pyrene

Concen: 49.68 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

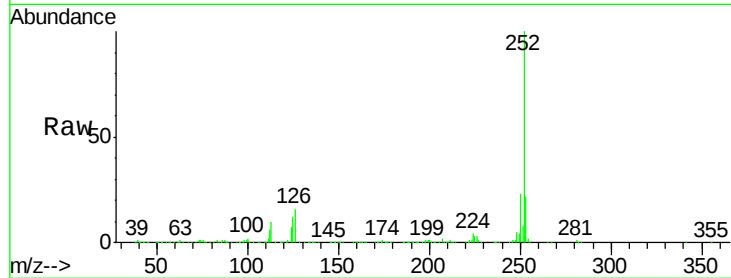
ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

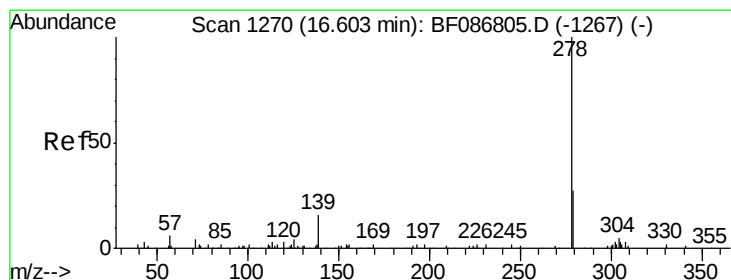
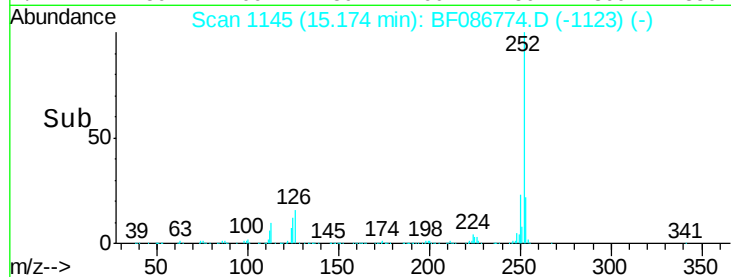
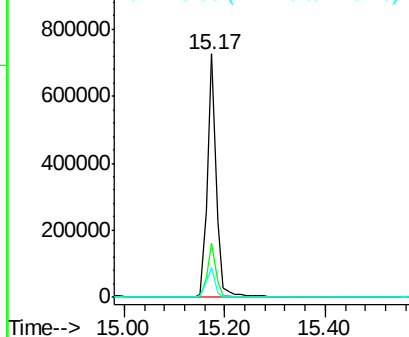
Tgt Ion:	252	Resp:	890176
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	12.4	9.0	13.6

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



#90

Dibenzo(a,h)anthracene

Concen: 47.89 ng

RT: 16.55 min Scan# 1265

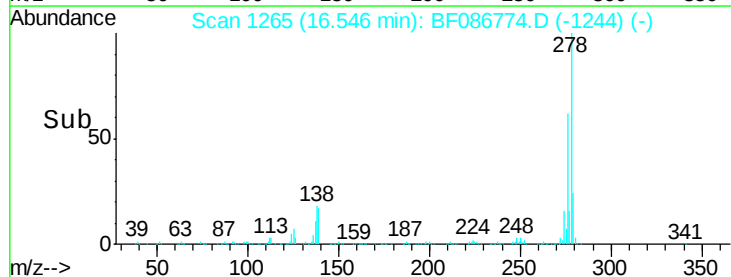
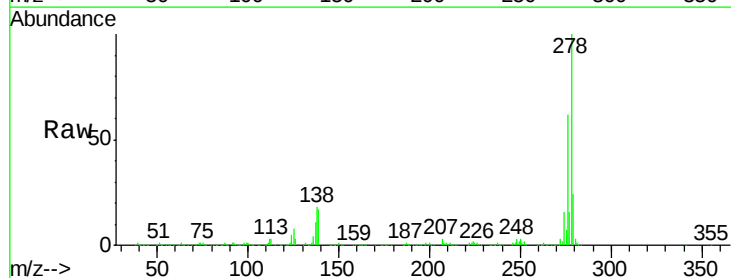
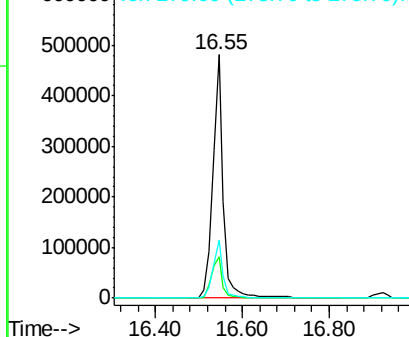
Delta R.T. -0.06 min

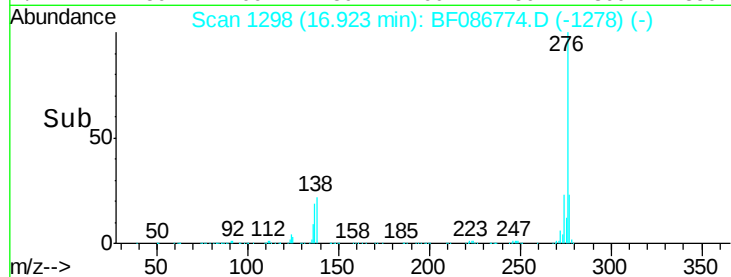
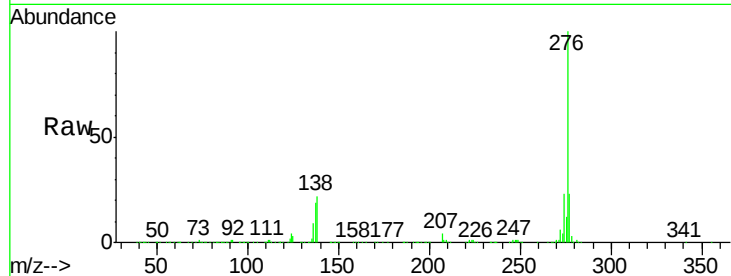
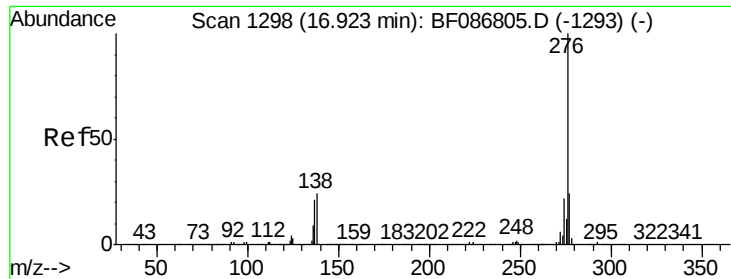
Lab File: BF086774.D

Acq: 7 May 2016 15:14

Tgt Ion:	278	Resp:	824298
Ion Ratio	Lower	Upper	
278	100		
139	17.0	16.6	24.8
279	24.0	19.6	29.4

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





#91

Benzo(g,h,i)perylene

Concen: 46.00 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.07 min

Lab File: BF086774.D

Acq: 7 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

RODNEY-AVE-PS(0-2)KMS

Tgt Ion: 276 Resp: 831298

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.4 23.6 35.4#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:17:39 PM

