

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082909.D
 Acq On : 13 Nov 2015 20:56
 Operator : UM/IZ
 Sample : G4370-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:04 PM

Quant Time: Nov 16 09:42:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	263138	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	995496	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	465368	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	778504	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	531564	20.00	ng	-0.05
86) Perylene-d12	15.39	264	577850	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	340253	20.12	ng	-0.03
7) Phenol-d6	6.46	99	472872	21.03	ng	-0.01
23) Nitrobenzene-d5	7.37	82	287140	12.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	88116	16.51	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	446477	13.75	ng	-0.05
78) Terphenyl-d14	12.92	244	329912	14.72	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	201728	27.64	ng	96
3) Pyridine	3.09	79	636784	30.07	ng	95
4) n-Nitrosodimethylamine	3.04	42	278966	26.56	ng	# 67
6) Aniline	6.52	93	498139m	15.78	ng	
8) 2-Chlorophenol	6.60	128	575285	30.69	ng	94
9) Benzaldehyde	6.34	77	40915	3.29	ng	99
10) Phenol	6.48	94	754771	29.59	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	822833m	43.13	ng	
12) 1,3-Dichlorobenzene	6.75	146	604177m	28.57	ng	
13) 1,4-Dichlorobenzene	6.82	146	572768	26.04	ng	97
14) 1,2-Dichlorobenzene	6.98	146	600132	30.00	ng	99
15) Benzyl Alcohol	6.96	79	494661	25.05	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	837565	29.93	ng	# 29
17) 2-Methylphenol	7.09	107	473023	29.79	ng	# 92
18) Hexachloroethane	7.32	117	158944	20.20	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	450494	27.26	ng	87
20) 3+4-Methylphenols	7.24	107	606728	29.39	ng	# 60
22) Acetophenone	7.22	105	810756	28.42	ng	# 96
24) Nitrobenzene	7.39	77	680473	29.08	ng	95
25) Isophorone	7.64	82	1211440	28.62	ng	# 94
26) 2-Nitrophenol	7.71	139	270874	27.74	ng	# 75
27) 2,4-Dimethylphenol	7.77	122	479153	27.31	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	654867	27.43	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	435702	27.47	ng	89
30) 1,2,4-Trichlorobenzene	8.04	180	513873	28.81	ng	95
31) Naphthalene	8.12	128	1569677	28.58	ng	100
32) Benzoic acid	7.87	122	163976	13.65	ng	89
33) 4-Chloroaniline	8.18	127	369726	15.62	ng	# 89
34) Hexachlorobutadiene	8.25	225	286752	25.69	ng	98
35) Caprolactam	8.54	113	161903m	32.38	ng	
36) 4-Chloro-3-methylphenol	8.67	107	487260	26.13	ng	90
37) 2-Methylnaphthalene	8.81	142	921457	25.93	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	475667	31.10	ng	99
40) Hexachlorocyclopentadiene	8.97	237	41642	5.07	ng	98

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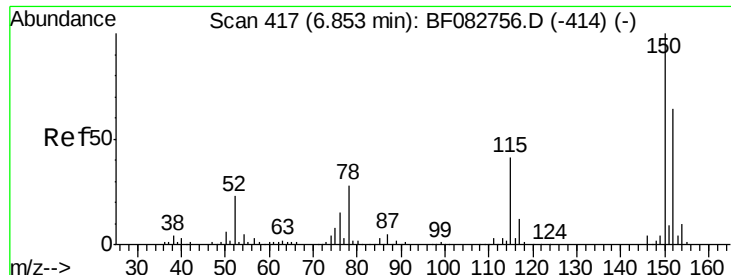
Manual Integrations
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 11/16/2015 12:44:04 PM

Quant Time: Nov 16 09:42:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	324212	28.40	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	316803	28.06	ng	95
45) 1,1'-Biphenyl	9.28	154	1160027	29.05	ng	97
46) 2-Chloronaphthalene	9.30	162	935355	30.03	ng	99
47) 2-Nitroaniline	9.40	65	340236	29.44	ng	# 44
48) Acenaphthylene	9.71	152	1334517	27.34	ng	99
49) Dimethylphthalate	9.58	163	1568945	41.15	ng	100
50) 2,6-Dinitrotoluene	9.64	165	265468	32.63	ng	# 84
51) Acenaphthene	9.88	154	852722	27.56	ng	99
52) 3-Nitroaniline	9.80	138	185941	20.78	ng	92
53) 2,4-Dinitrophenol	9.92	184	110931	24.84	ng	# 1
54) Dibenzofuran	10.05	168	1233265	29.57	ng	94
55) 4-Nitrophenol	10.00	139	413888	60.30	ng	# 77
56) 2,4-Dinitrotoluene	10.04	165	348822	31.60	ng	# 86
57) Fluorene	10.40	166	902925	26.73	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	249334	27.06	ng	# 88
59) Diethylphthalate	10.28	149	1105850	29.71	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	504572	29.85	ng	98
61) 4-Nitroaniline	10.42	138	209022	23.23	ng	# 79
62) Azobenzene	10.56	77	1308807	32.73	ng	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	107440	19.37	ng	79
65) n-Nitrosodiphenylamine	10.51	169	785303	27.92	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	296341	31.61	ng	97
67) Hexachlorobenzene	10.96	284	315353	30.13	ng	# 55
68) Atrazine	11.05	200	258016	29.67	ng	96
69) Pentachlorophenol	11.15	266	313563	49.33	ng	99
70) Phenanthrene	11.36	178	1299846	28.75	ng	98
71) Anthracene	11.41	178	1453401	30.52	ng	99
72) Carbazole	11.57	167	1185008	28.43	ng	# 95
73) Di-n-butylphthalate	11.90	149	1560333	30.04	ng	99
74) Fluoranthene	12.54	202	1201071	24.76	ng	99
76) Benzidine	12.67	184	316465	17.76	ng	99
77) Pyrene	12.77	202	1252014	34.30	ng	98
79) Butylbenzylphthalate	13.40	149	575309	35.67	ng	89
80) Benzo(a)anthracene	13.96	228	1015915	30.56	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	311969	26.40	ng	# 97
82) Chrysene	14.00	228	812385	26.68	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	731121	33.12	ng	# 96
84) Di-n-octyl phthalate	14.58	149	1287000	34.95	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	1021377	38.95	ng	# 95
87) Benzo(b)fluoranthene	14.99	252	999625m	26.95	ng	
88) Benzo(k)fluoranthene	15.03	252	983821m	29.90	ng	
89) Benzo(a)pyrene	15.33	252	957757	29.80	ng	# 95
90) Dibenzo(a,h)anthracene	16.79	278	854392	31.40	ng	# 96
91) Benzo(g,h,i)perylene	17.19	276	812598	31.18	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

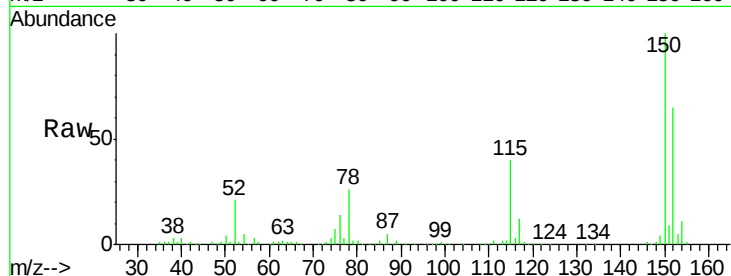
ClientSampleId :

P001-TS003-02MSD

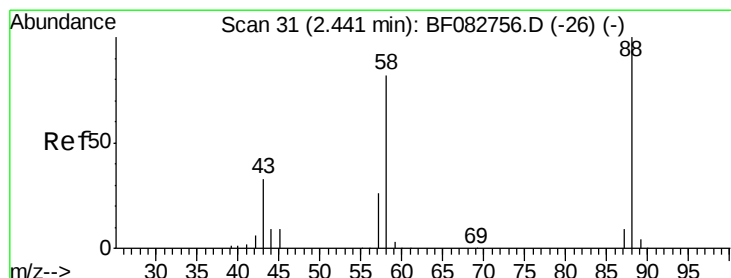
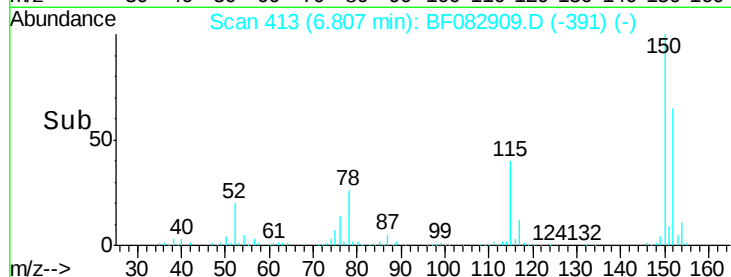
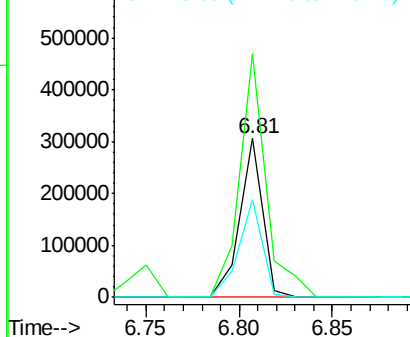
Tgt Ion:	152	Resp:	263138
Ion Ratio	Lower	Upper	
152	100		
150	153.3	127.0	190.4
115	61.1	47.0	70.6

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



#2

1,4-Dioxane

Concen: 27.64 ng

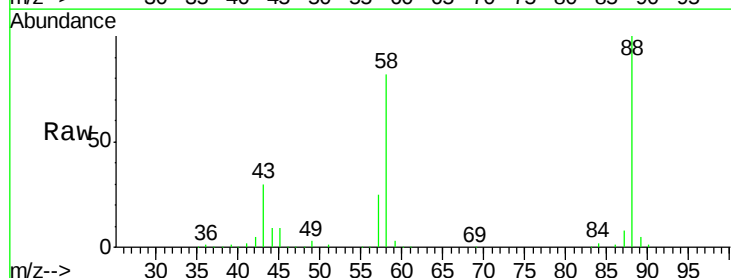
RT: 2.38 min Scan# 26

Delta R.T. -0.06 min

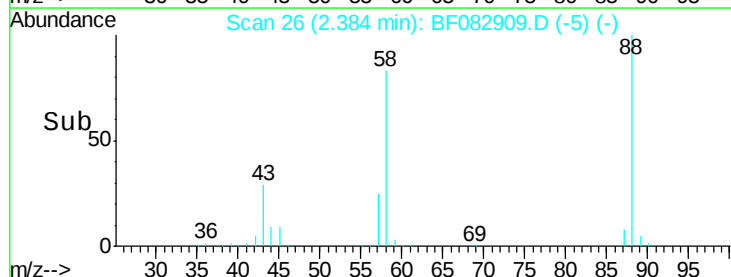
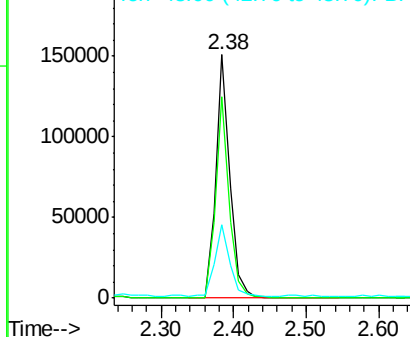
Lab File: BF082909.D

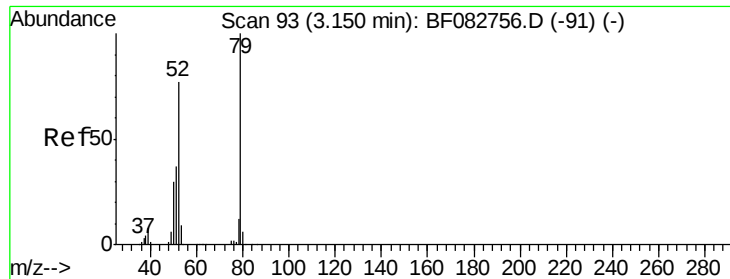
Acq: 13 Nov 2015 20:56

Tgt Ion:	88	Resp:	201728
Ion Ratio	Lower	Upper	
88	100		
58	80.7	62.0	93.0
43	30.1	26.6	40.0



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





#3

Pyridine

Concen: 30.07 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.07 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

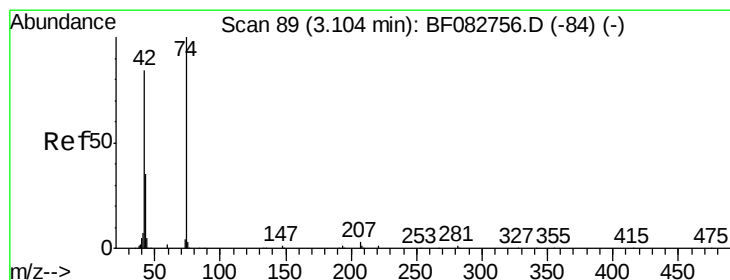
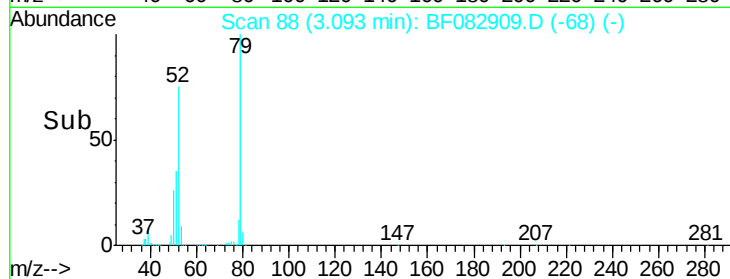
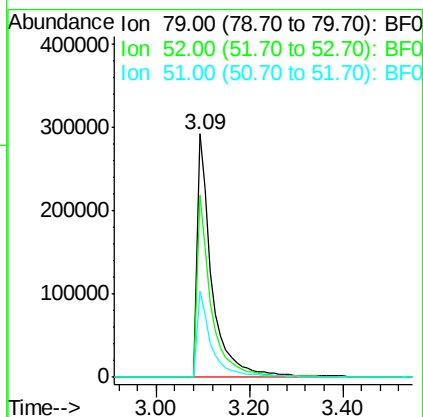
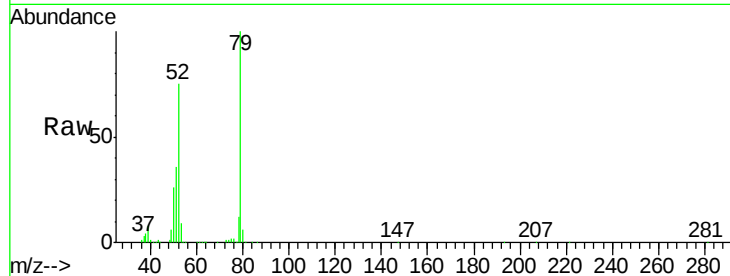
ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	79	Resp:	636784
Ion Ratio	Lower	Upper	
79	100		
52	74.7	62.8	94.2
51	35.7	32.0	48.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 26.56 ng

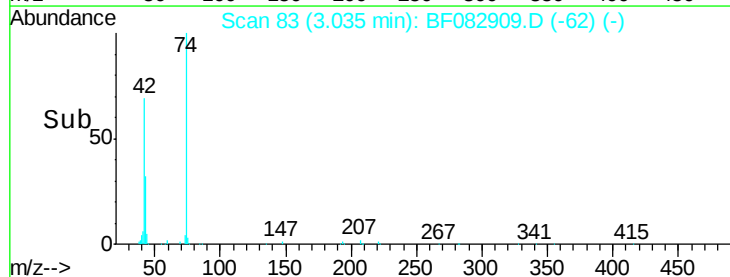
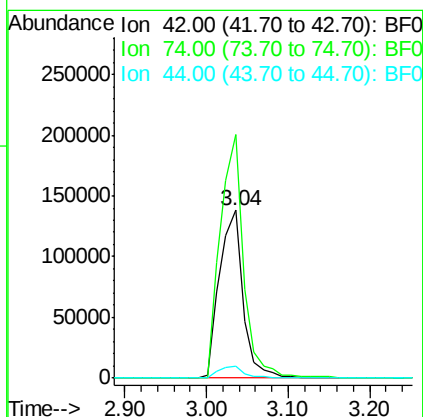
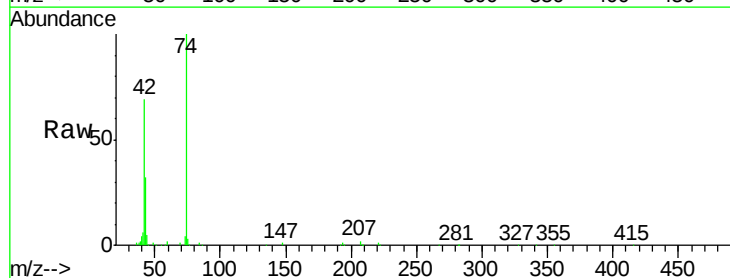
RT: 3.04 min Scan# 83

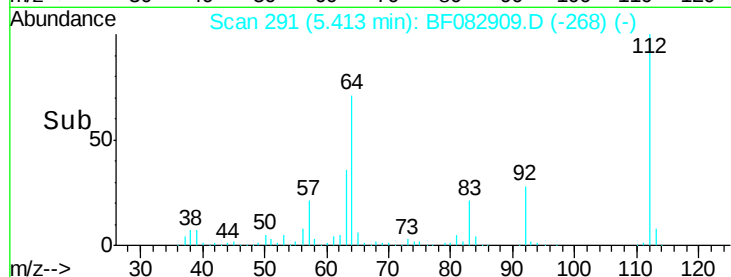
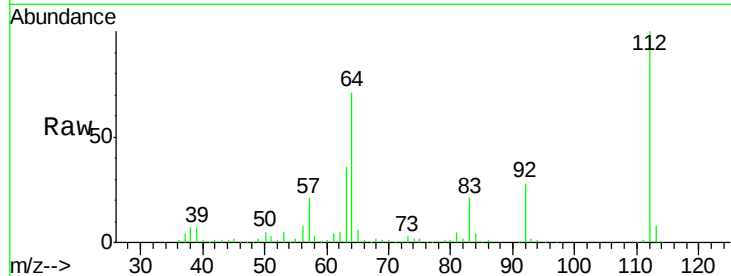
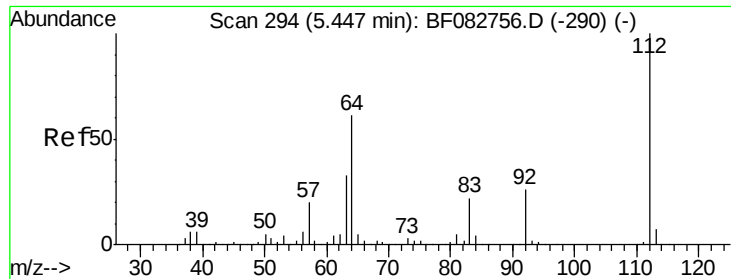
Delta R.T. -0.06 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	42	Resp:	278966
Ion Ratio	Lower	Upper	
42	100		
74	145.2	87.0	130.4#
44	7.5	5.8	8.8





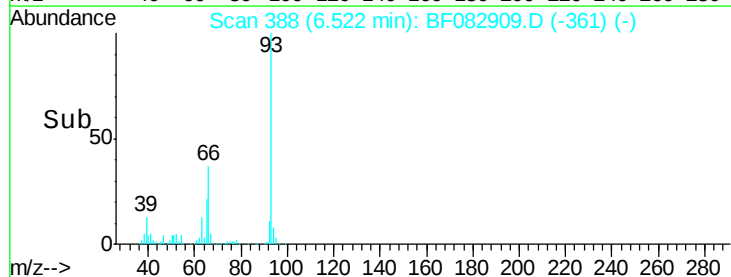
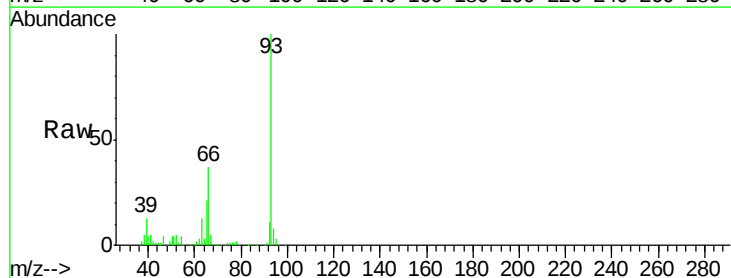
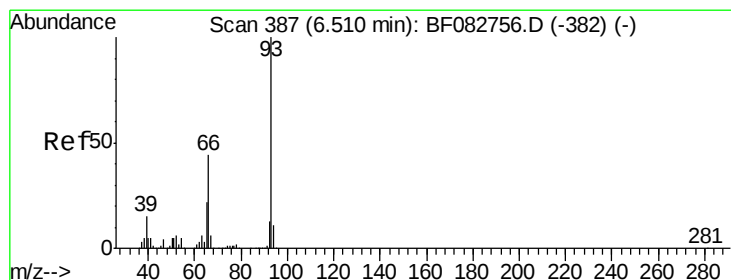
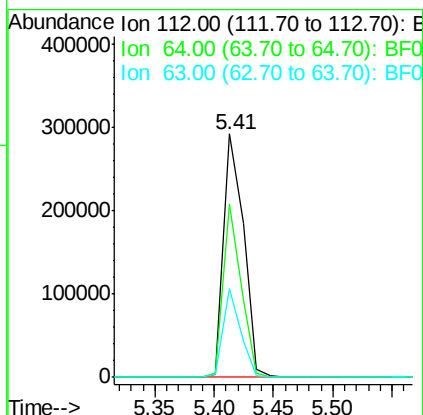
#5
2-Fluorophenol
Concen: 20.12 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	340253		
64	71.2	48.9	73.3	
63	36.4	28.1	42.1	

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

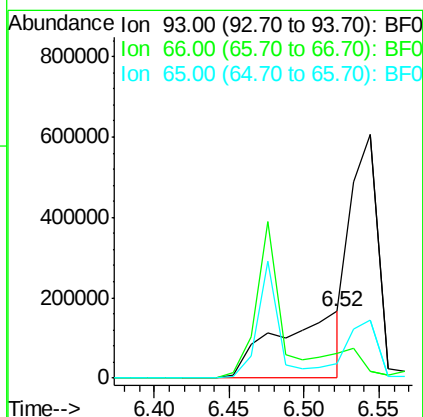
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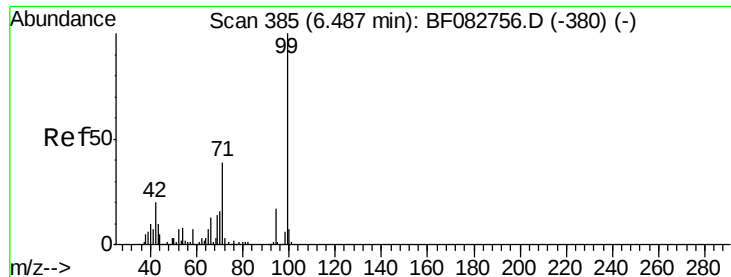
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11/16/2015 12:44:04 PM



#6
Aniline
Concen: 15.78 ng m
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	498139		
66	36.9	33.6	50.4	
65	21.5	18.1	27.1	





#7

Phenol-d6

Concen: 21.03 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 99 Resp: 472872

Ion Ratio Lower Upper

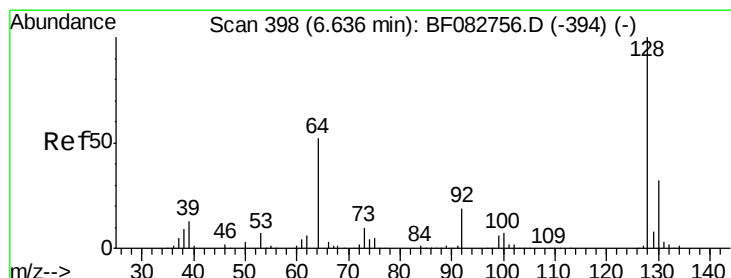
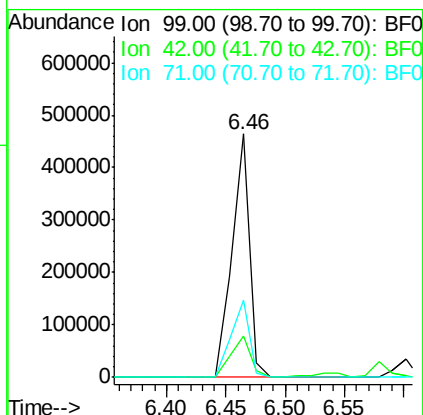
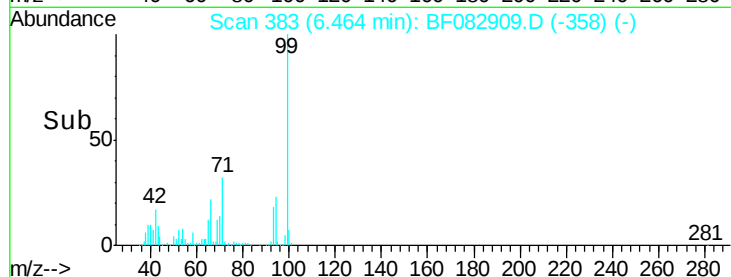
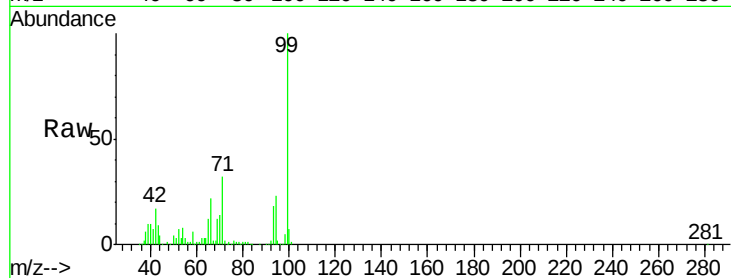
99 100

42 16.9 19.2 28.8#

71 32.0 35.0 52.4#

Manual Integrations
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11/16/2015 12:44:04 PM



#8

2-Chlorophenol

Concen: 30.69 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

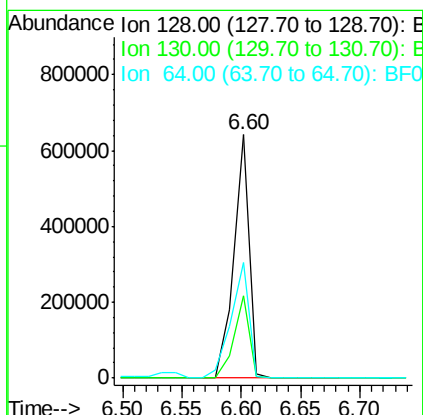
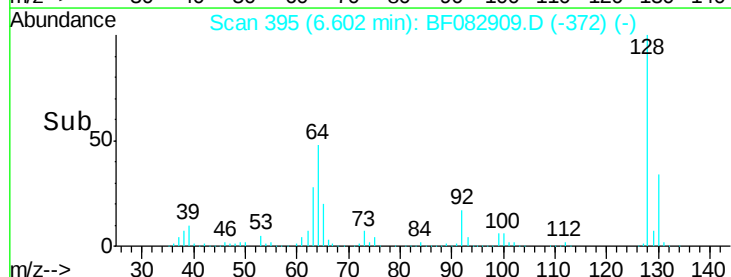
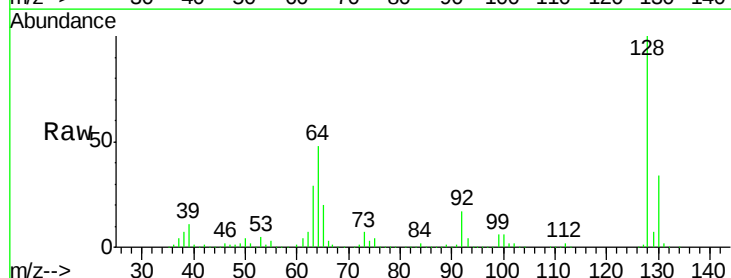
Tgt Ion: 128 Resp: 575285

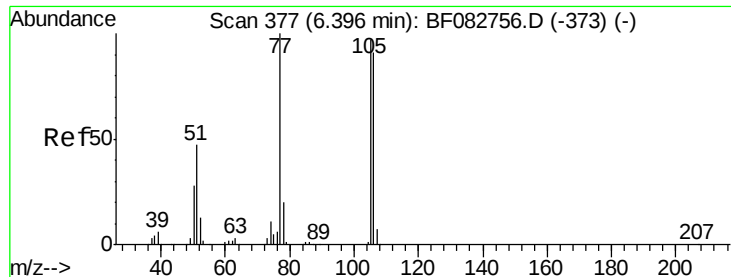
Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

64 47.7 21.1 61.1





#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082909.D

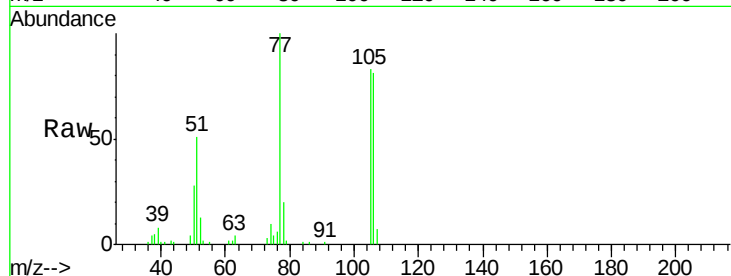
Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

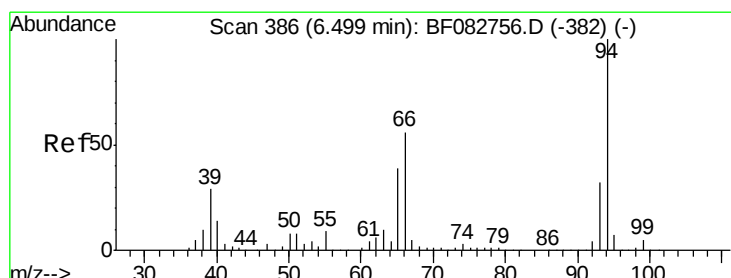
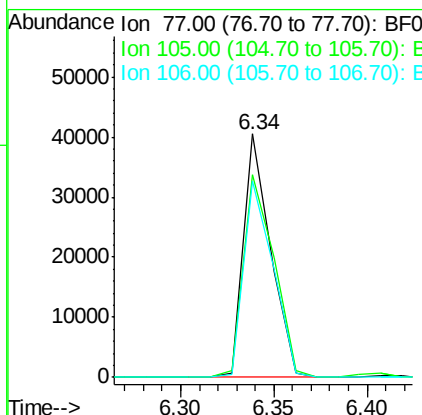
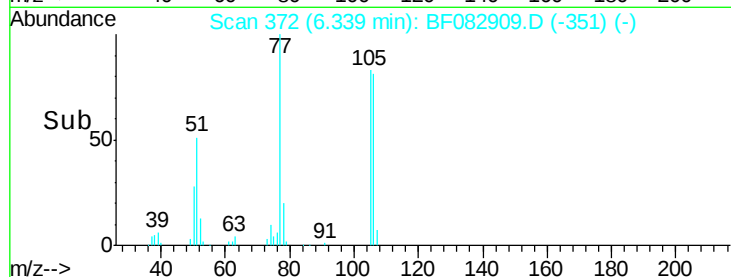
P001-TS003-02MSD



Tgt Ion:	77	Resp:	40915
Ion Ratio	Lower	Upper	
77	100		
105	83.4	63.5	103.5
106	80.6	59.3	99.3

Manual Integrations
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11/16/2015 12:44:04 PM



#10

Phenol

Concen: 29.59 ng

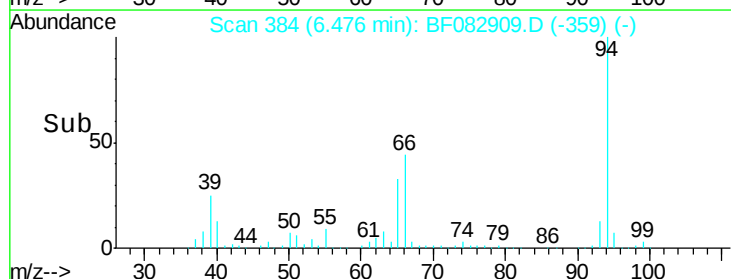
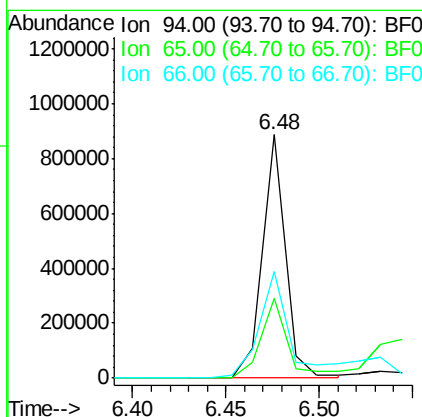
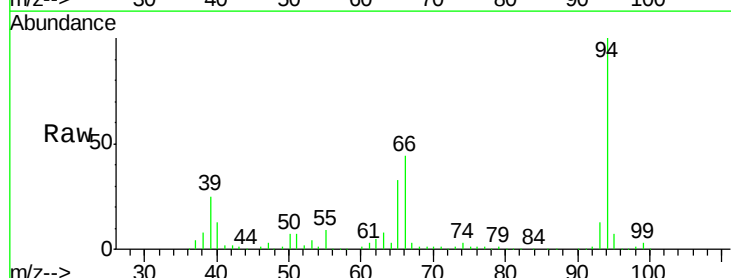
RT: 6.48 min Scan# 384

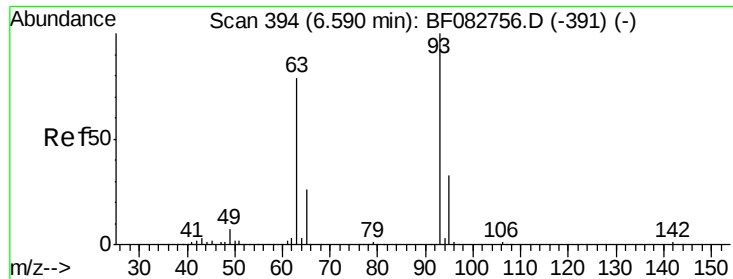
Delta R.T. -0.01 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	94	Resp:	754771
Ion Ratio	Lower	Upper	
94	100		
65	32.9	18.9	58.9
66	43.9	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 43.13 ng m

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 93 Resp: 822833

Ion Ratio Lower Upper

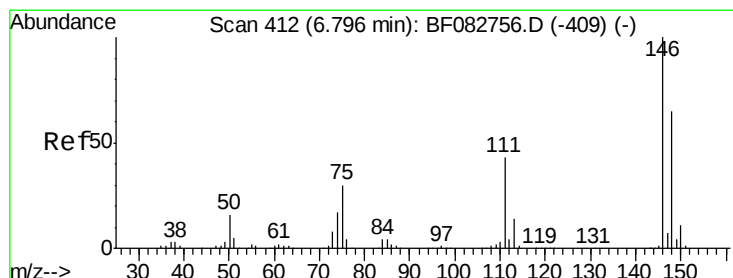
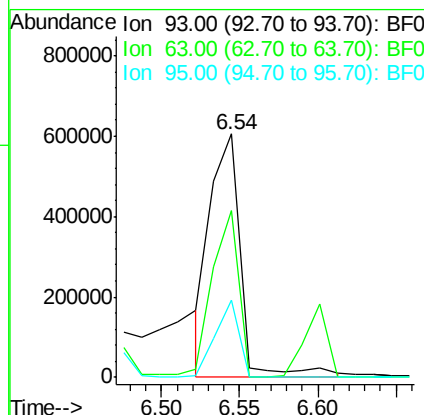
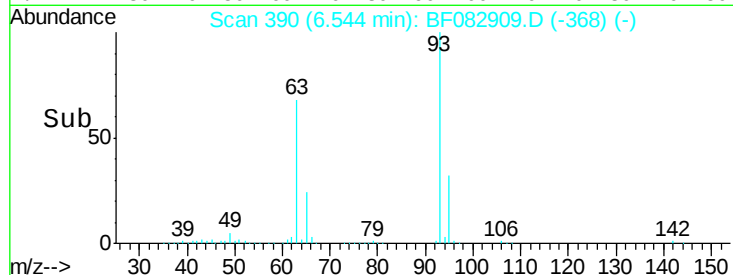
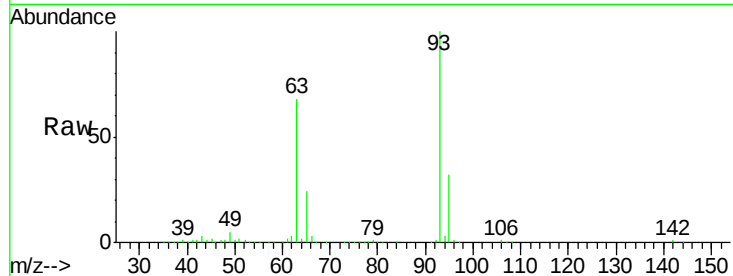
93 100

63 68.5 72.7 112.7#

95 31.5 12.0 52.0

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#12

1,3-Dichlorobenzene

Concen: 28.57 ng m

RT: 6.75 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

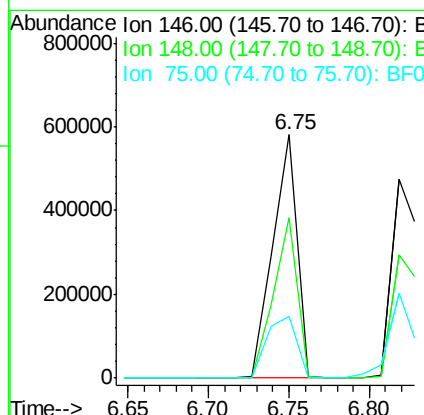
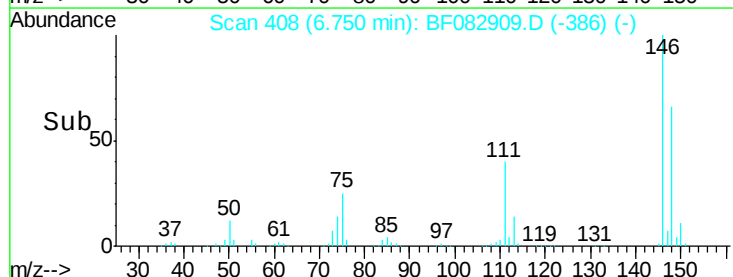
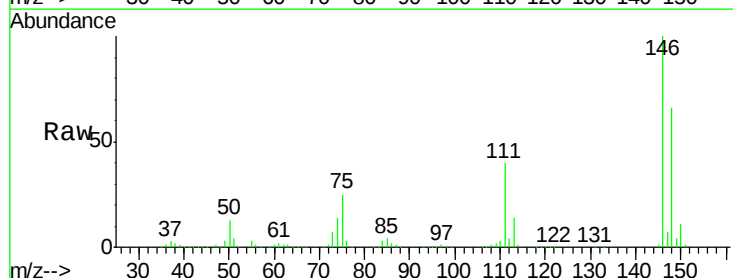
Tgt Ion: 146 Resp: 604177

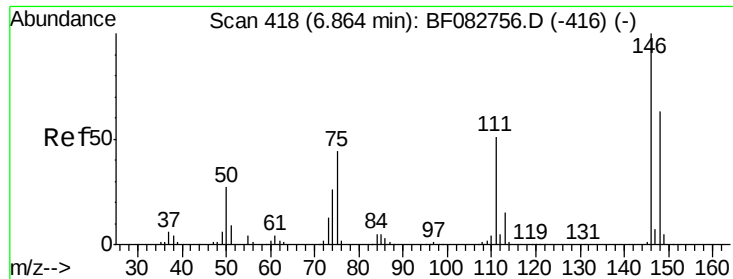
Ion Ratio Lower Upper

146 100

148 66.1 50.5 75.7

75 25.2 39.5 59.3#





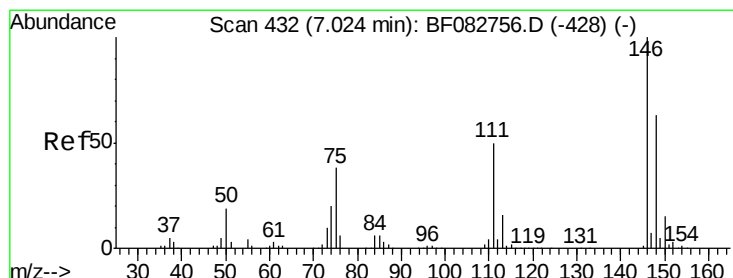
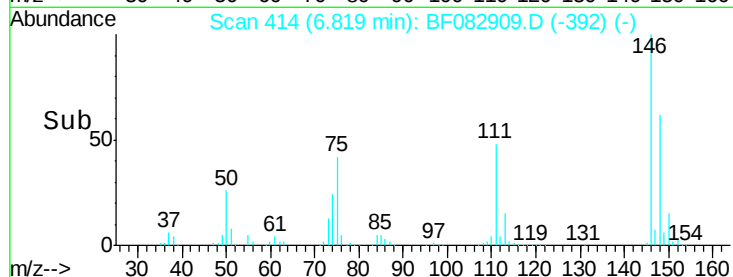
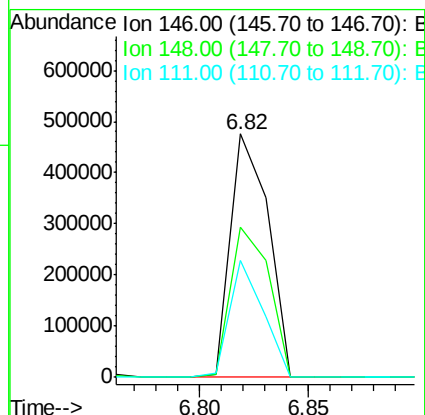
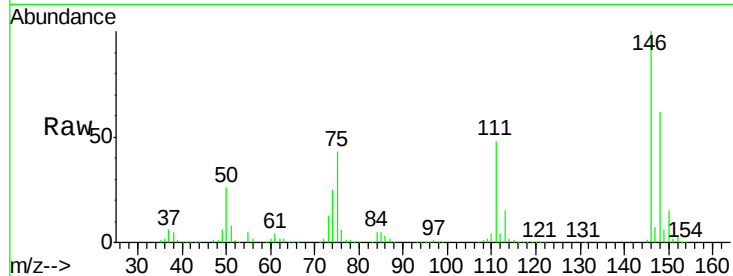
#13
1,4-Dichlorobenzene
Concen: 26.04 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.8	76.2
111	48.0	40.6	60.8

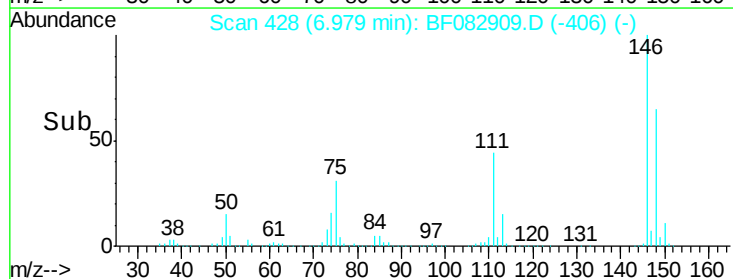
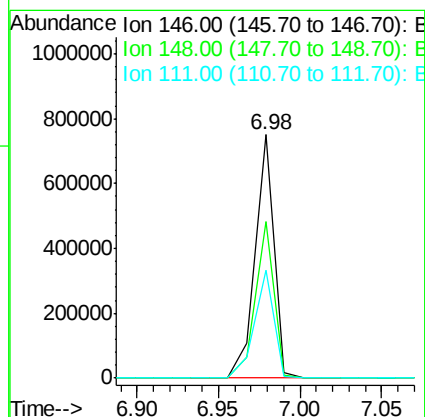
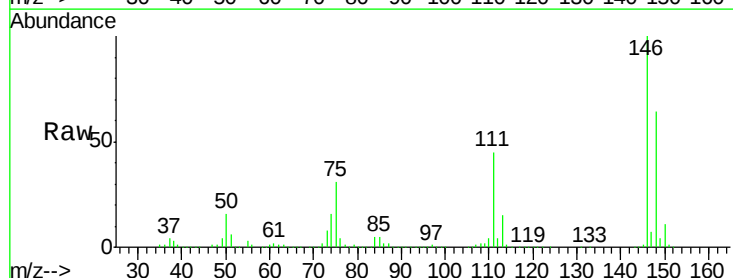
Manual Integrations
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11/16/2015 12:44:04 PM



#14
1,2-Dichlorobenzene
Concen: 30.00 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	44.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 25.05 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

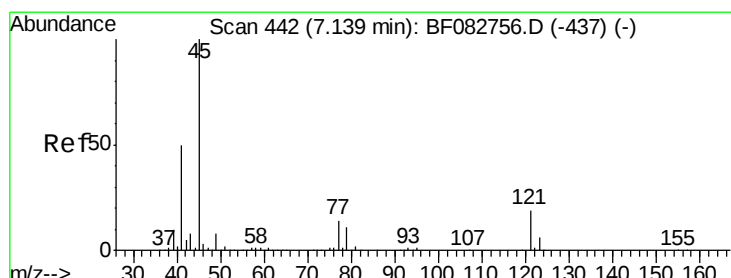
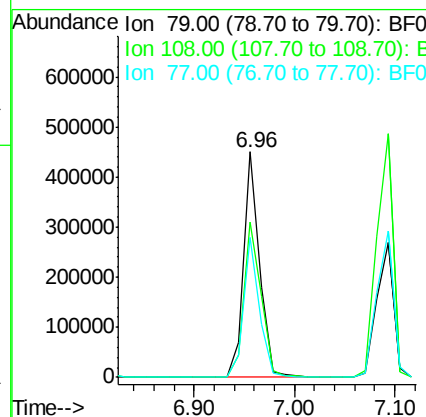
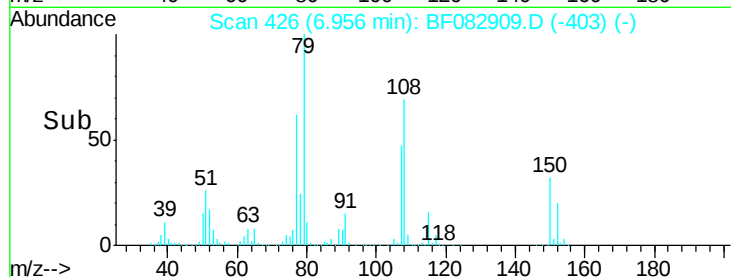
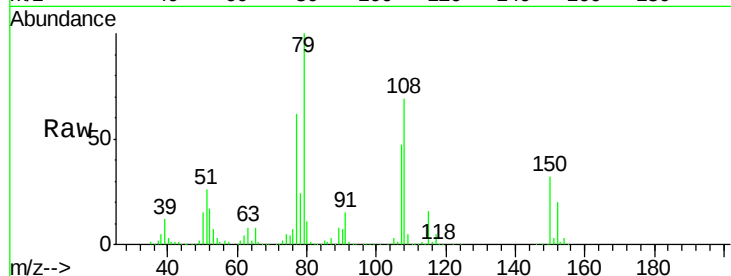
ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	79	Resp:	494661
Ion Ratio	Lower	Upper	
79	100		
108	68.9	52.2	78.4
77	61.9	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.93 ng

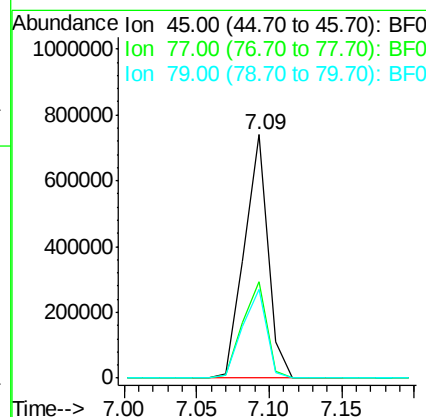
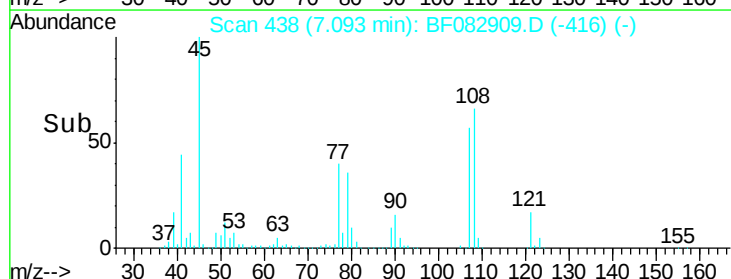
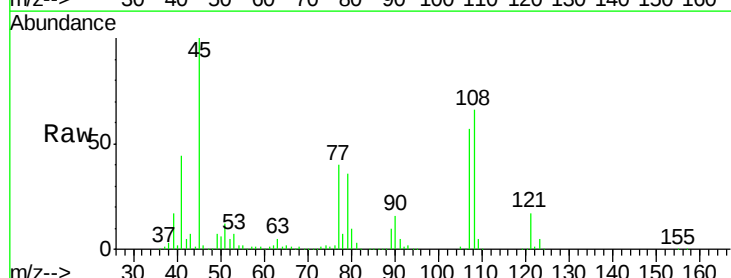
RT: 7.09 min Scan# 438

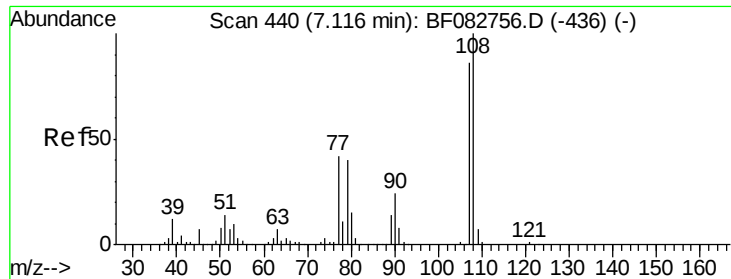
Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	45	Resp:	837565
Ion Ratio	Lower	Upper	
45	100		
77	39.6	0.0	32.6#
79	36.3	0.0	29.2#





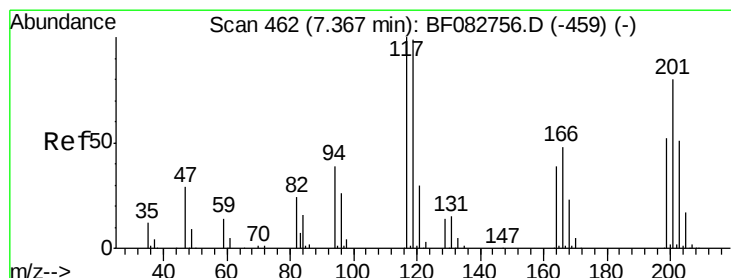
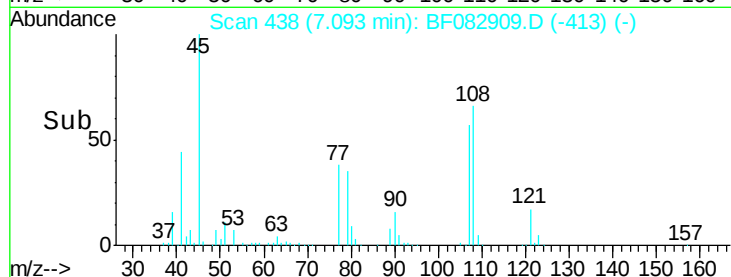
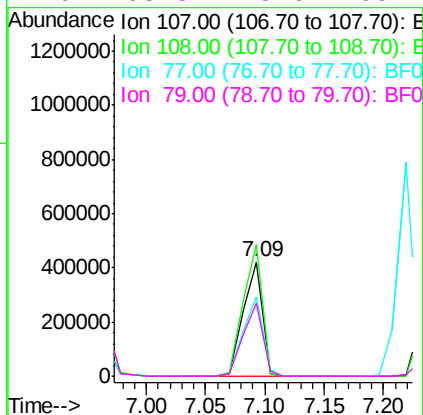
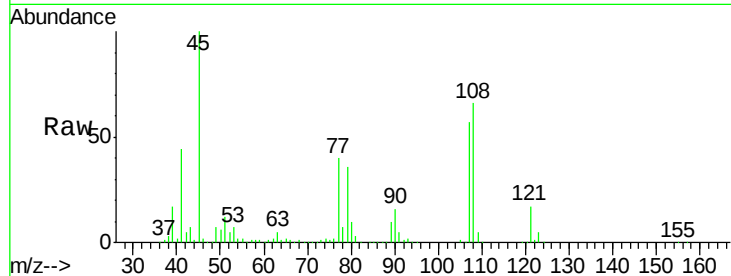
#17
2-Methylphenol
Concen: 29.79 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	473023		
108	115.2	93.0	139.4	
77	69.4	44.1	66.1	
79	63.8	43.6	65.4	

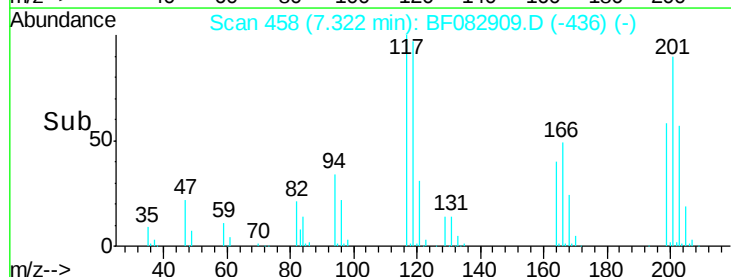
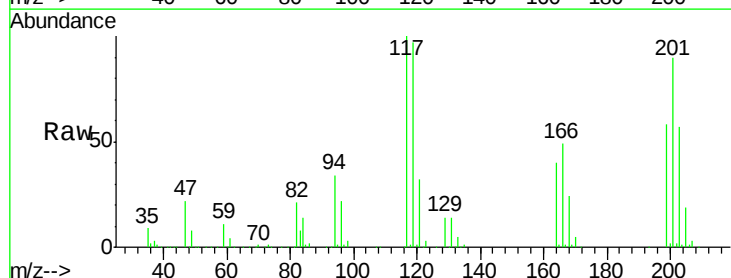
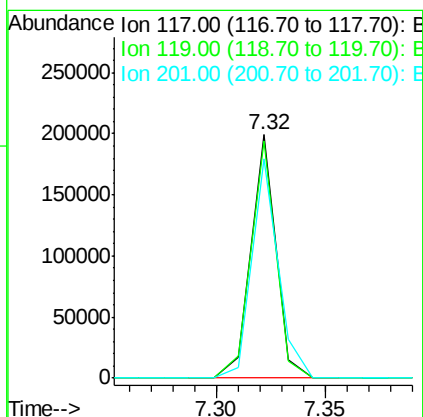
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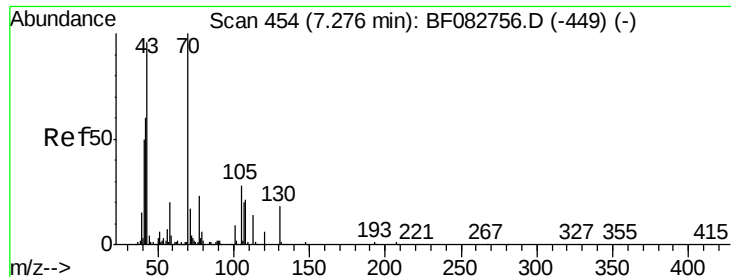
Mmdadoda
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#18
Hexachloroethane
Concen: 20.20 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

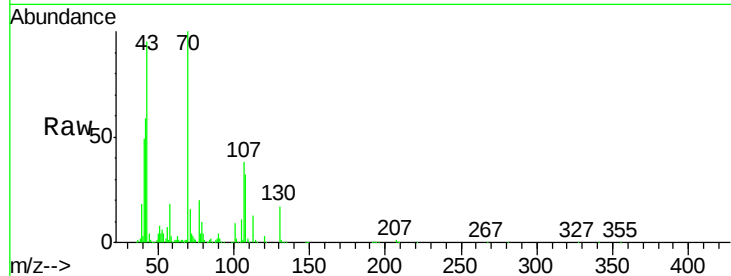
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158944		
119	97.5	77.7	116.5	
201	89.9	66.7	100.1	





#19
n-Nitroso-di-n-propylamine
Concen: 27.26 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

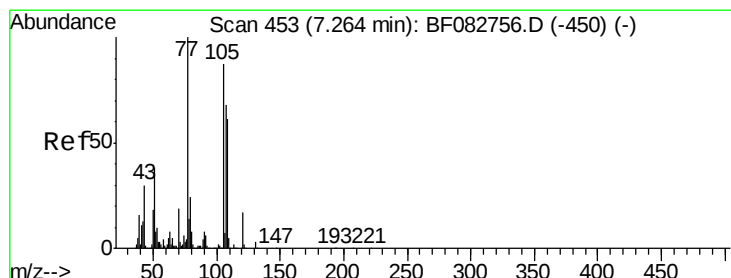
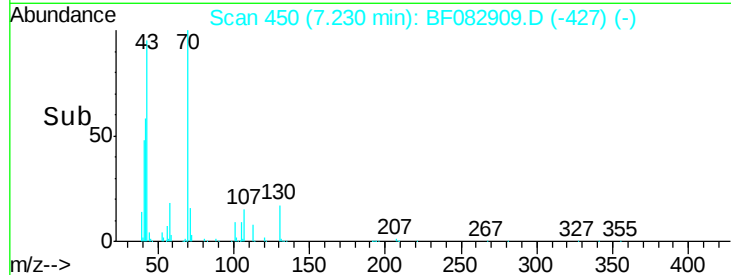
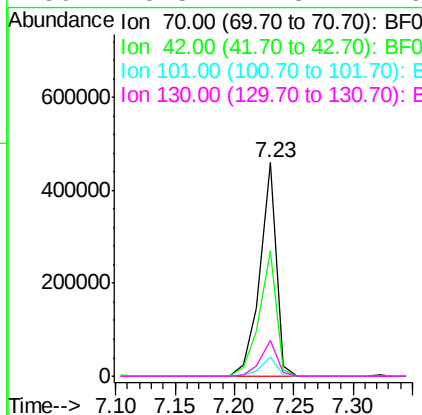
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD



Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	57.7	86.5	
101	8.8	7.0	10.6	
130	16.8	11.8	17.6	

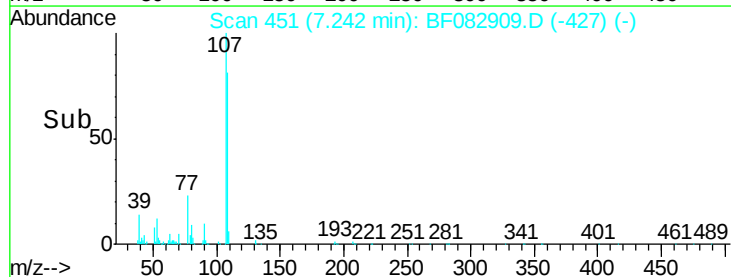
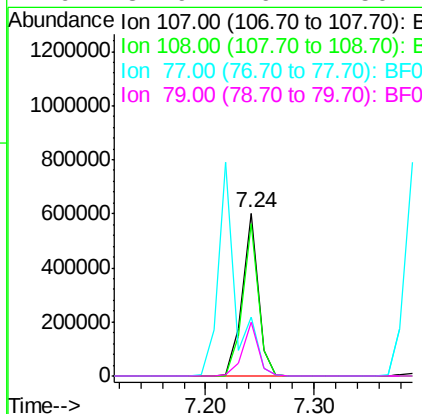
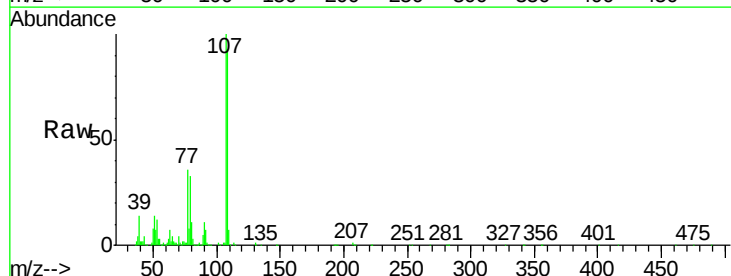
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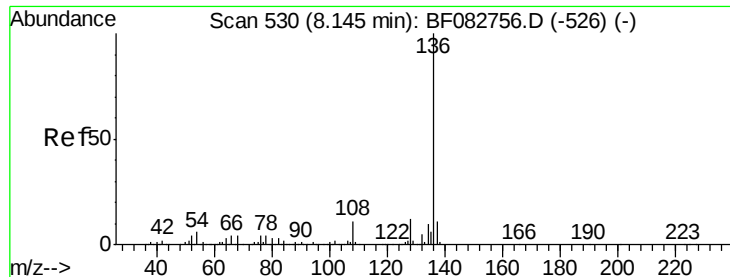
Mmdadoda
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#20
3+4-Methylphenols
Concen: 29.39 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	67.3	107.3	
77	36.3	100.3	140.3#	
79	32.9	16.2	56.2	





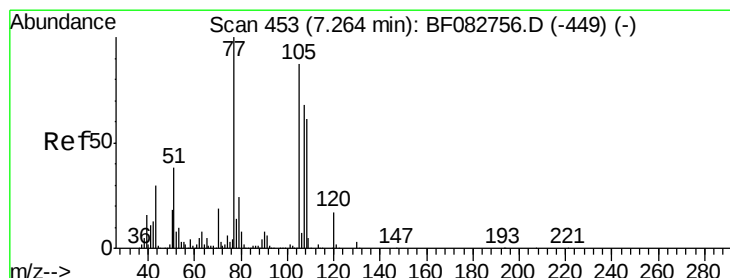
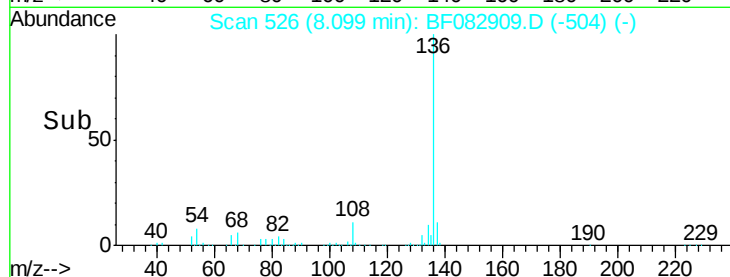
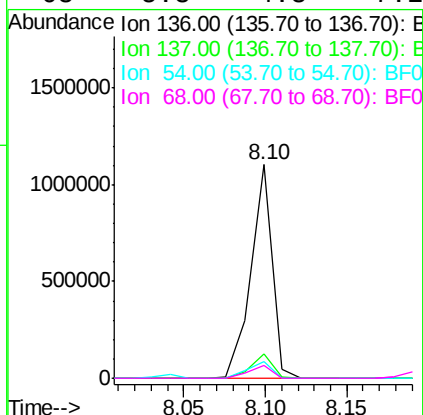
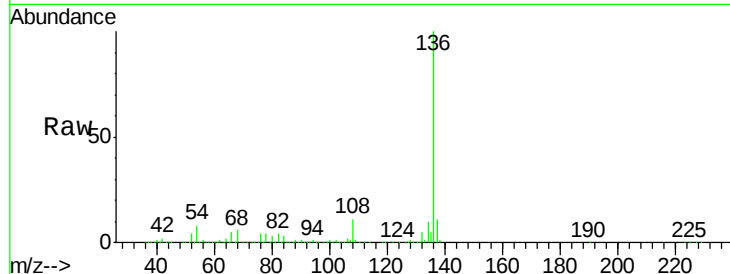
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	995496		
137	11.4	9.1	13.7	
54	7.6	9.1	13.7#	
68	5.8	4.8	7.2	

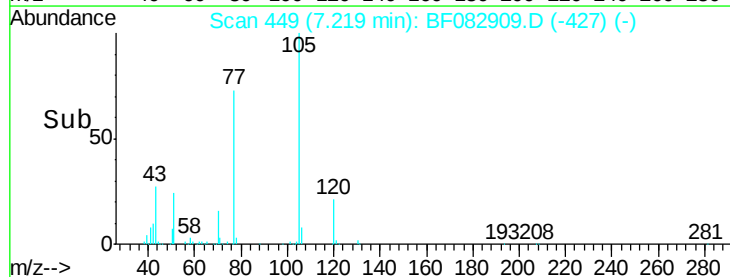
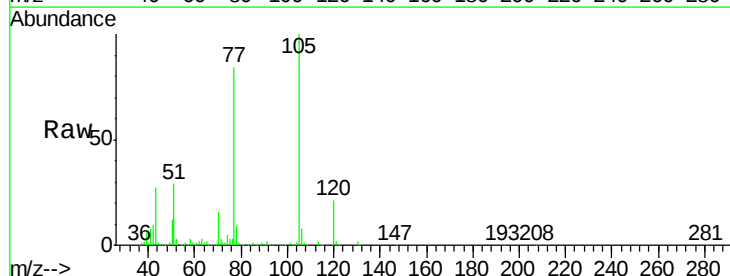
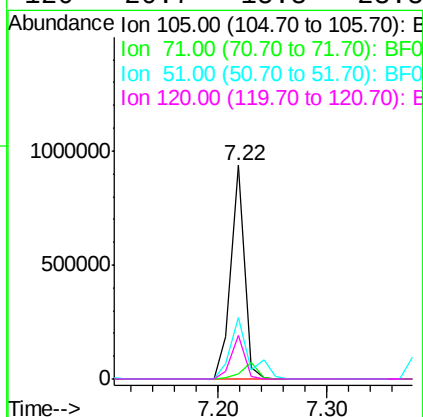
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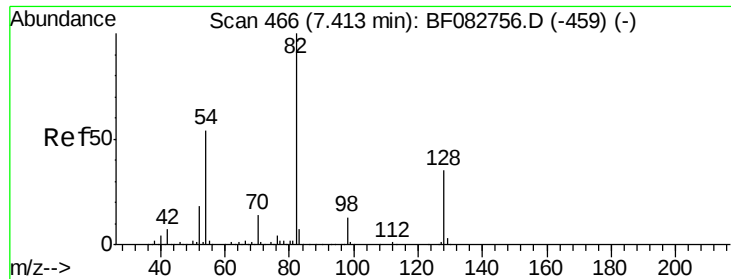
Mmdadoda
11/16/2015 12:44:04 PM



#22
Acetophenone
Concen: 28.42 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	810756		
71	2.6	5.6	8.4#	
51	29.0	24.9	37.3	
120	20.7	15.8	23.8	





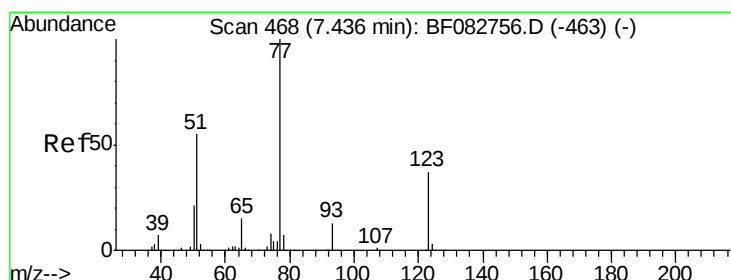
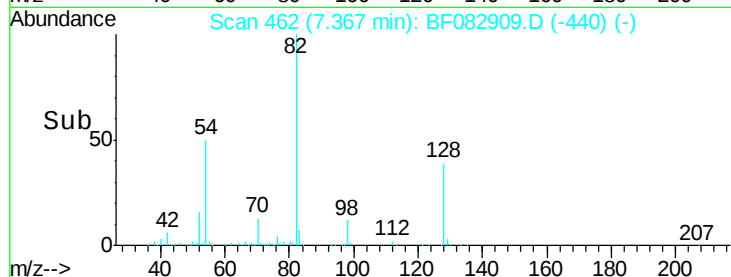
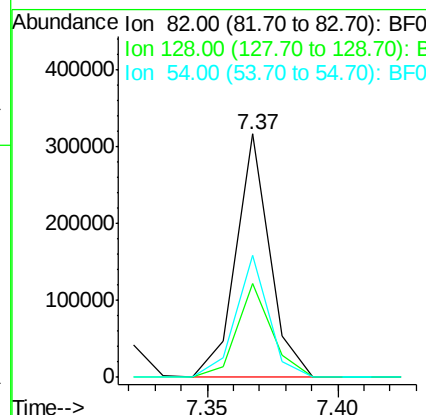
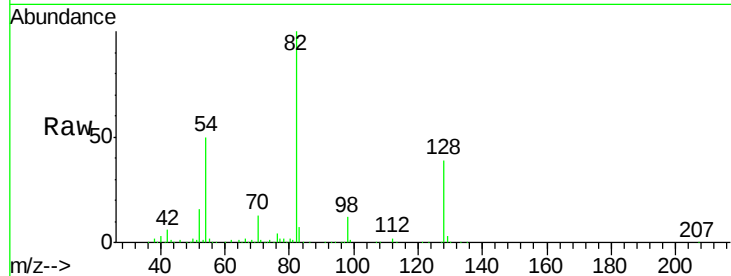
#23
 Nitrobenzene-d5
 Concen: 12.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.8	40.2
54	50.0	45.7	68.5

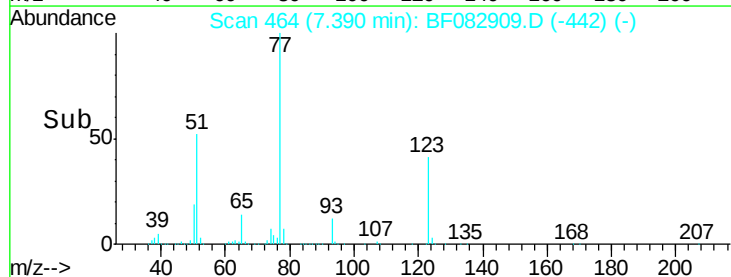
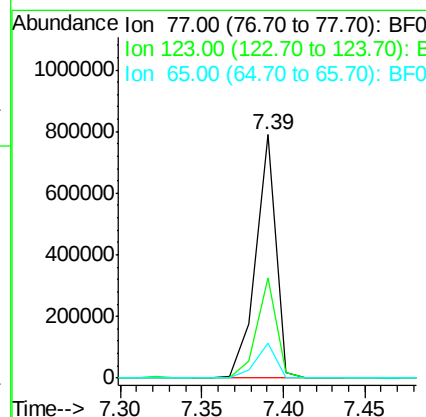
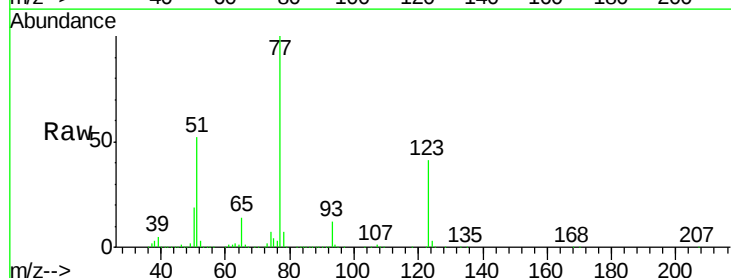
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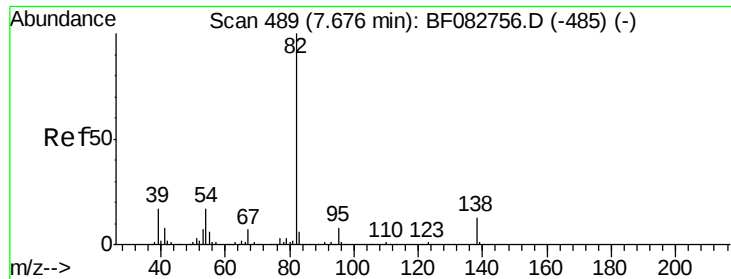
Mmdadoda
 11/16/2015 12:44:04 PM



#24
 Nitrobenzene
 Concen: 29.08 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	36.4	54.6
65	14.2	11.5	17.3





#25

Isophorone

Concen: 28.62 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 82 Resp: 1211440

Ion Ratio Lower Upper

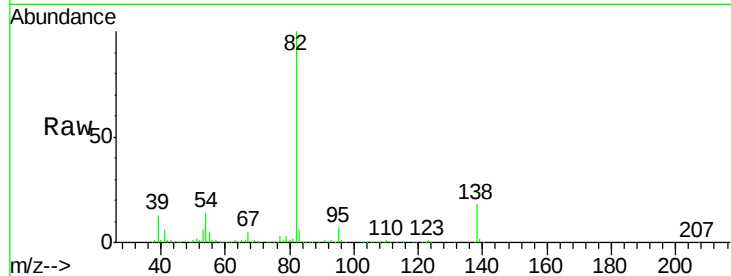
82 100

95 7.2 6.6 9.8

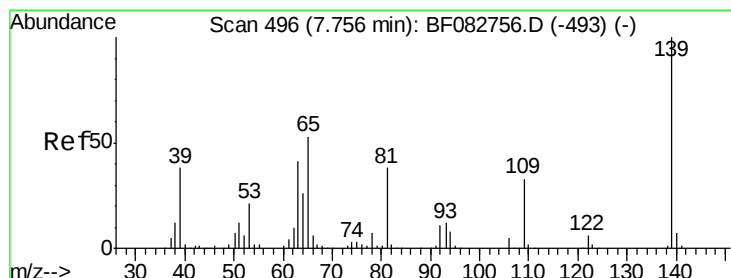
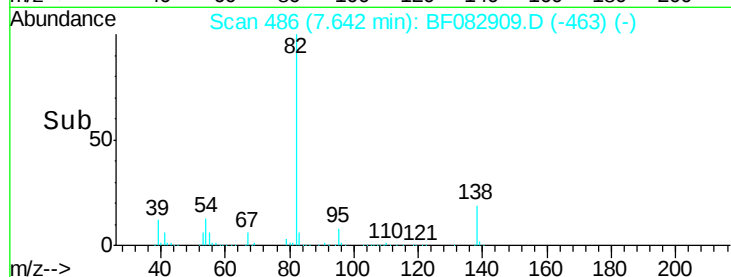
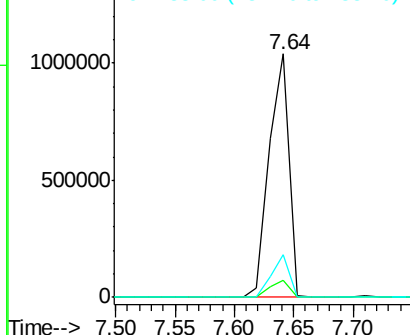
138 17.6 11.4 17.0#

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.74 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

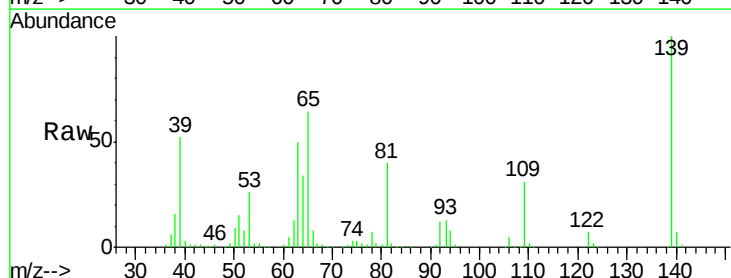
Tgt Ion: 139 Resp: 270874

Ion Ratio Lower Upper

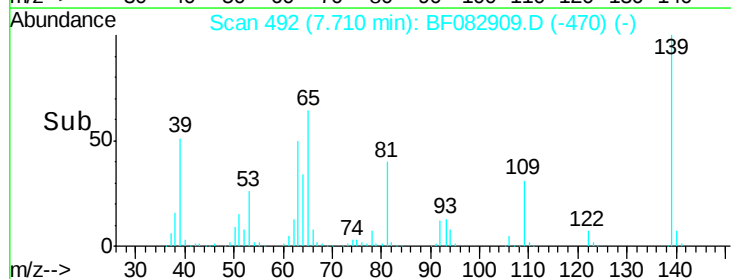
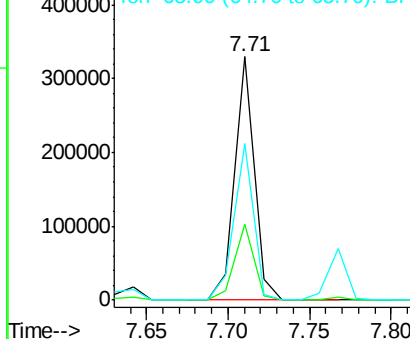
139 100

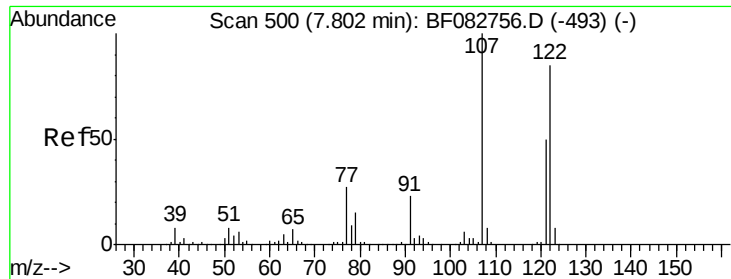
109 31.3 37.6 56.4#

65 64.2 70.6 105.8#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





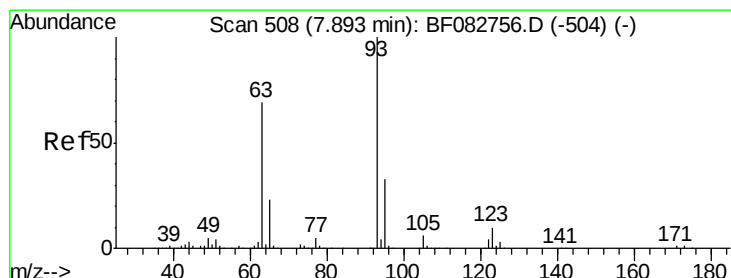
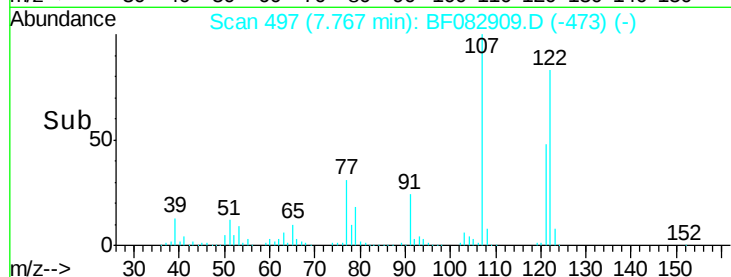
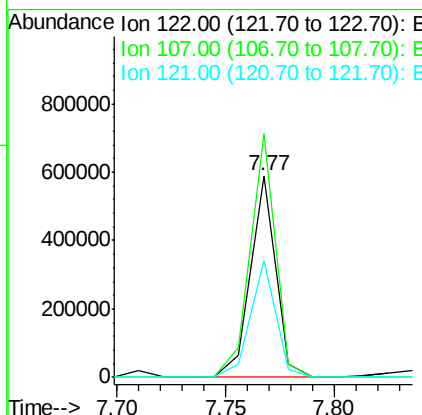
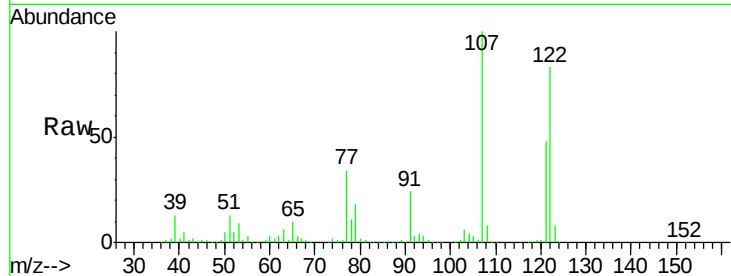
#27
 2,4-Dimethylphenol
 Concen: 27.31 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.7	106.0	159.0
121	58.0	46.7	70.1

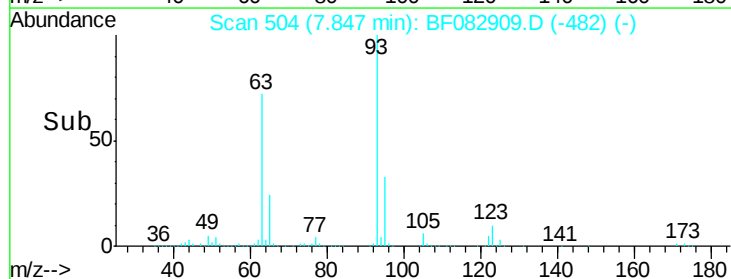
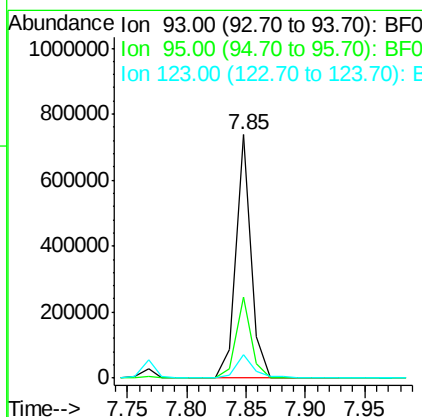
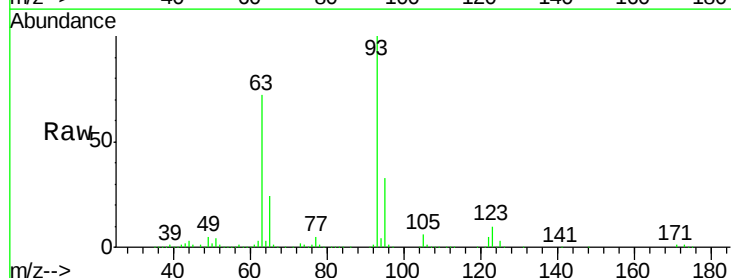
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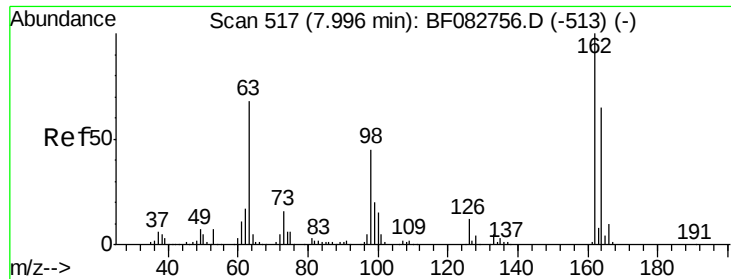
Mmdadoda
 11/16/2015 12:44:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.43 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	9.6	9.7	14.5#





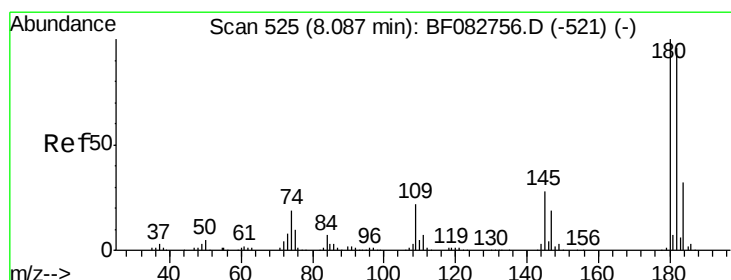
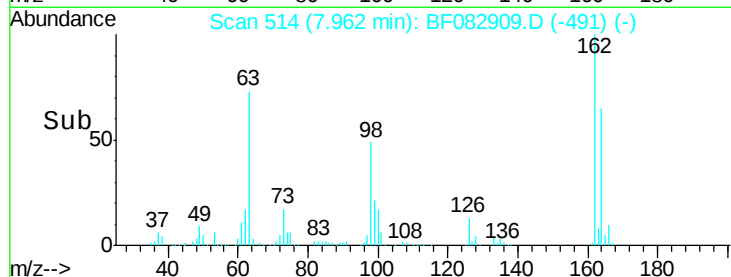
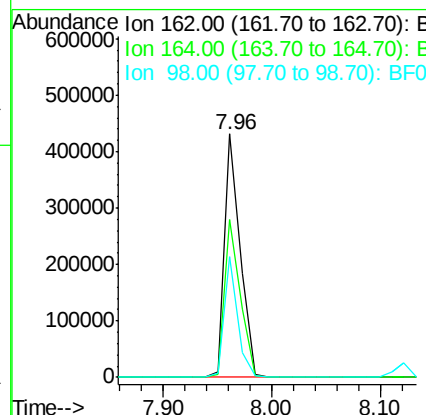
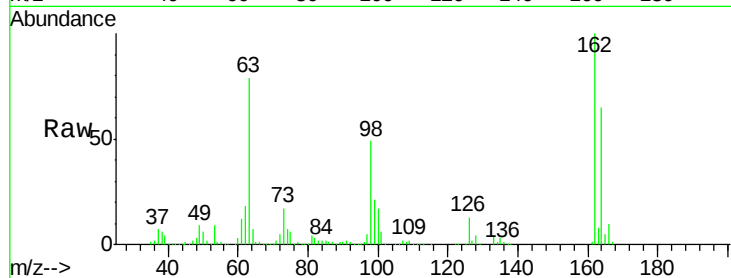
#29
2,4-Dichlorophenol
Concen: 27.47 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	435702		
164	64.9	46.8	86.8	
98	49.4	12.5	52.5	

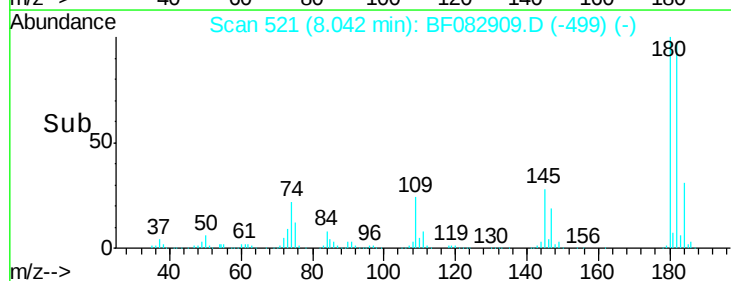
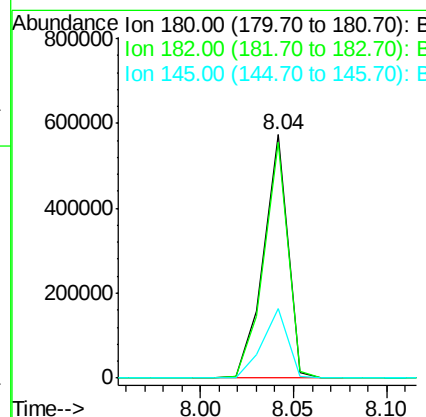
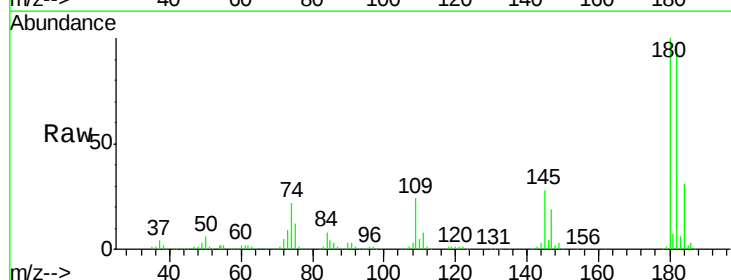
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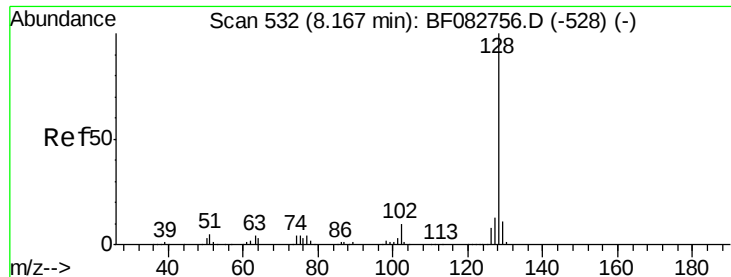
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11/16/2015 12:44:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 28.81 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	513873		
182	96.7	74.9	112.3	
145	28.5	27.8	41.8	





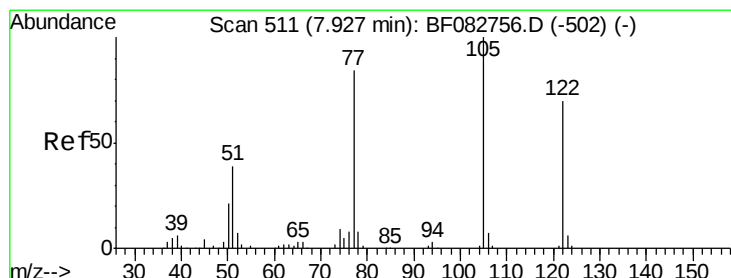
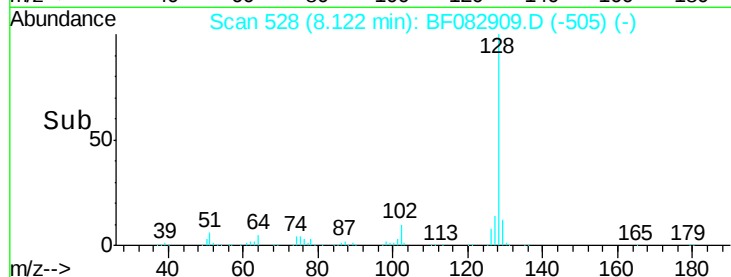
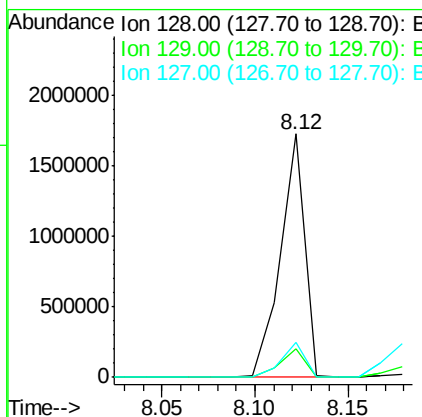
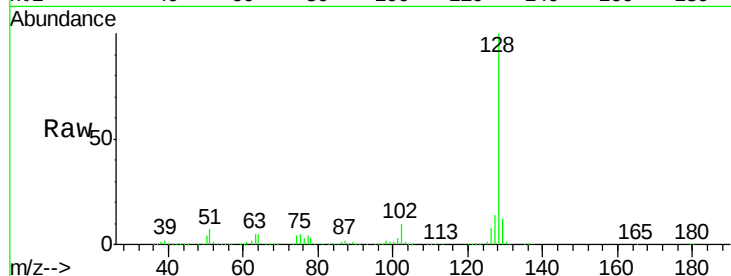
#31
Naphthalene
Concen: 28.58 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:128 Resp: 1569677
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 14.1 11.4 17.0

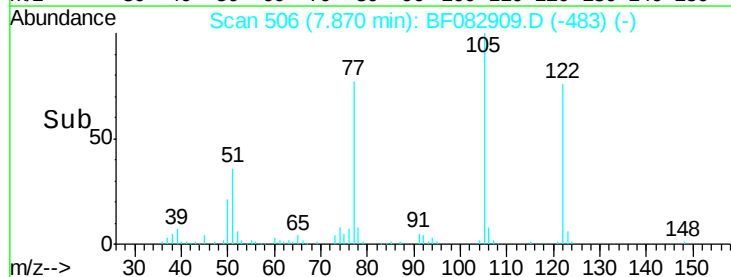
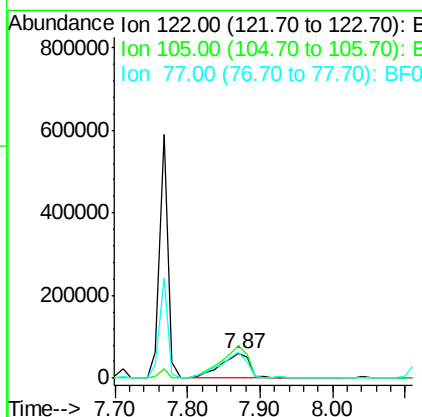
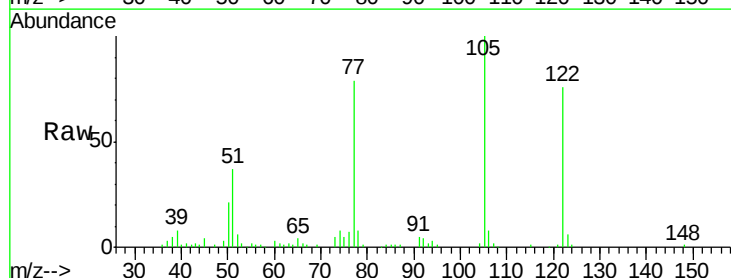
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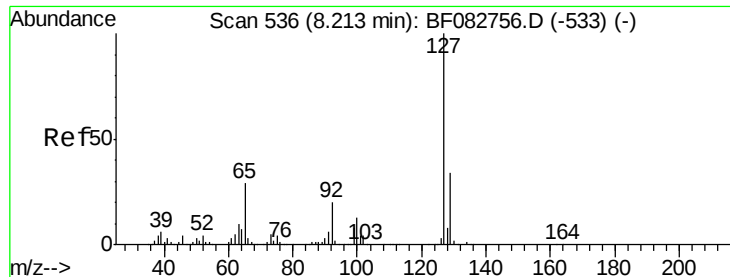
Mmdadoda
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#32
Benzoic acid
Concen: 13.65 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:122 Resp: 163976
Ion Ratio Lower Upper
122 100
105 132.1 122.6 162.6
77 104.6 100.9 140.9





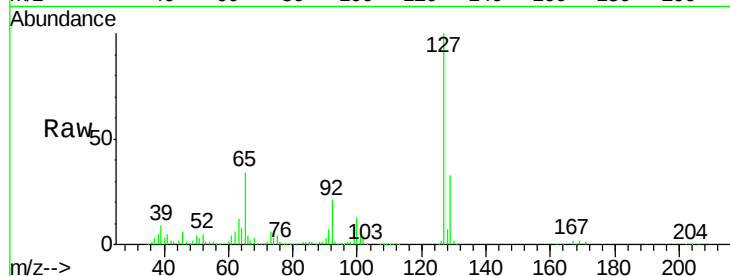
#33
4-Chloroaniline
Concen: 15.62 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

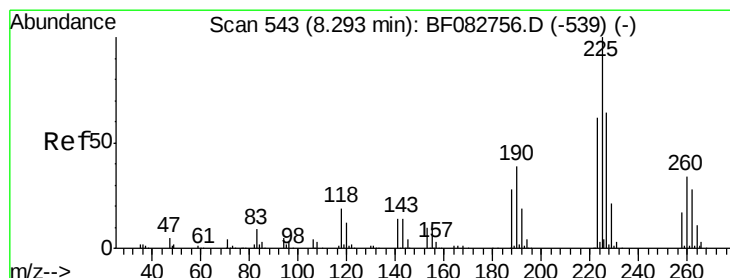
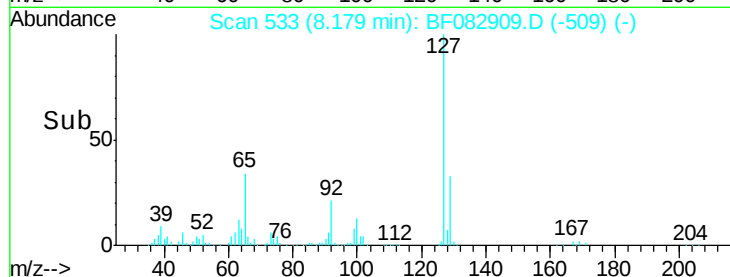
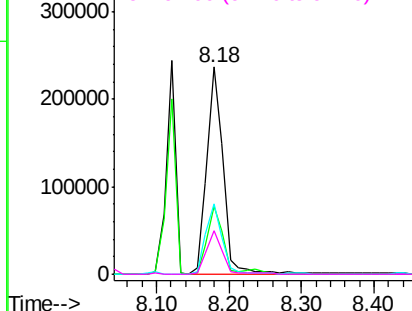
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.3	39.5
65	34.1	37.8	56.8
92	21.1	20.6	31.0

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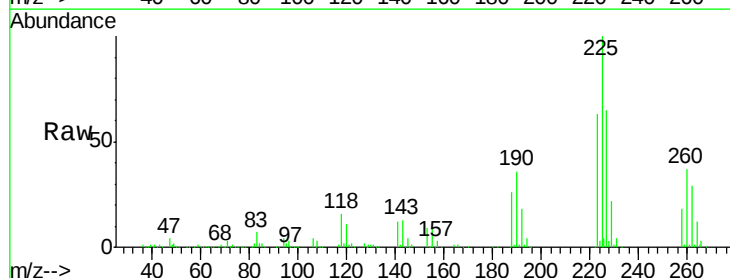


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

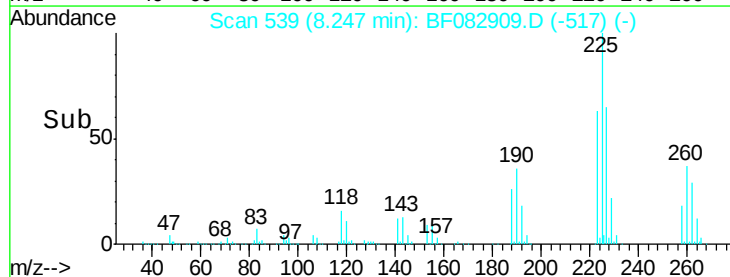
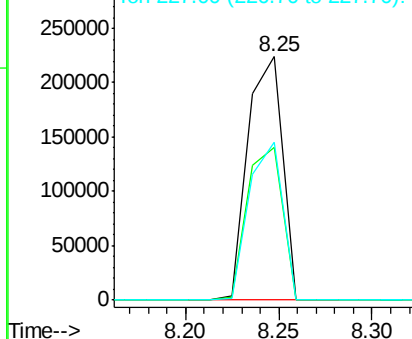


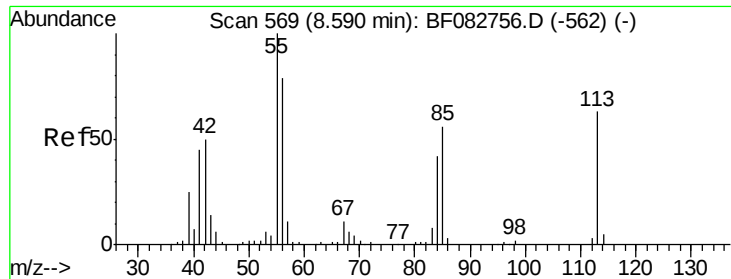
#34
Hexachlorobutadiene
Concen: 25.69 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.7	50.5	75.7
227	64.7	50.2	75.2



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





#35

Caprolactam

Concen: 32.38 ng m

RT: 8.54 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

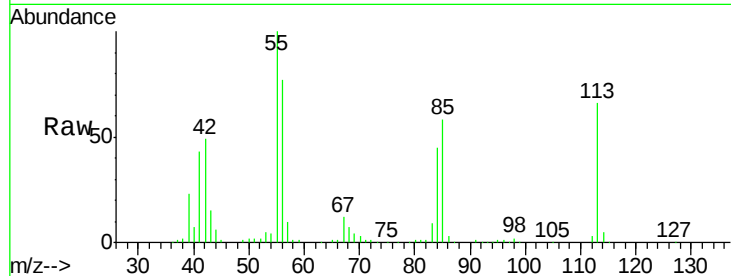
ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	113	Resp:	161903
Ion Ratio	Lower	Upper	
113	100		
55	152.4	195.5	235.5#
56	117.7	153.5	193.5#

Manual Integrations
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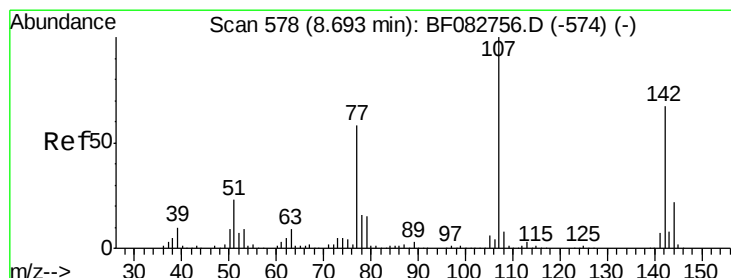
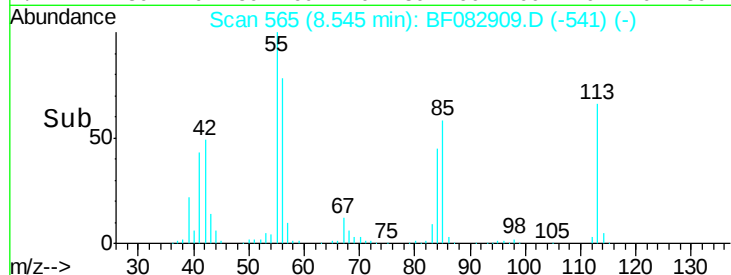
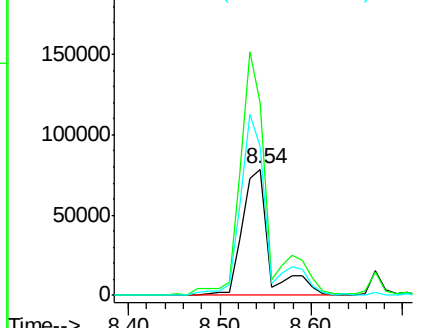
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.13 ng

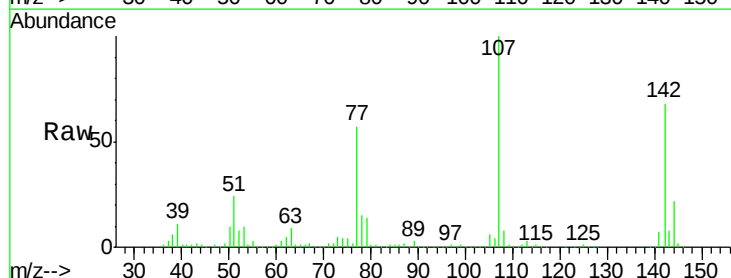
RT: 8.67 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

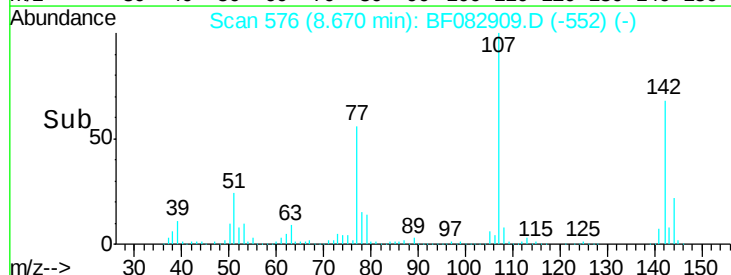
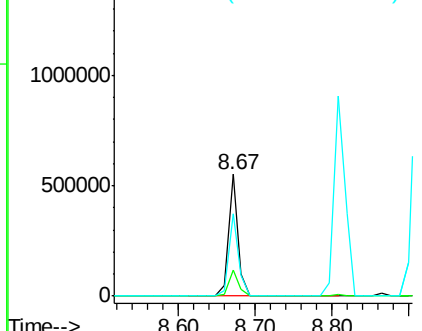
Tgt Ion:	107	Resp:	487260
Ion Ratio	Lower	Upper	
107	100		
144	21.9	15.4	23.0
142	67.9	47.8	71.8

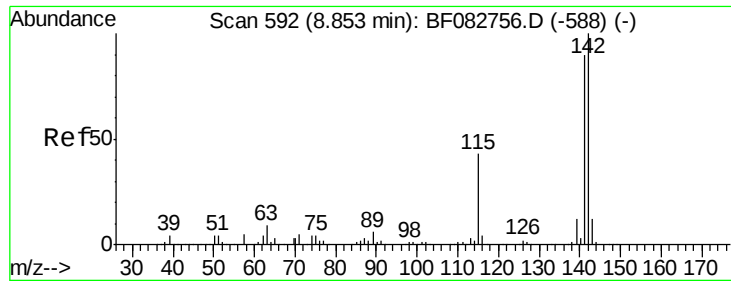


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





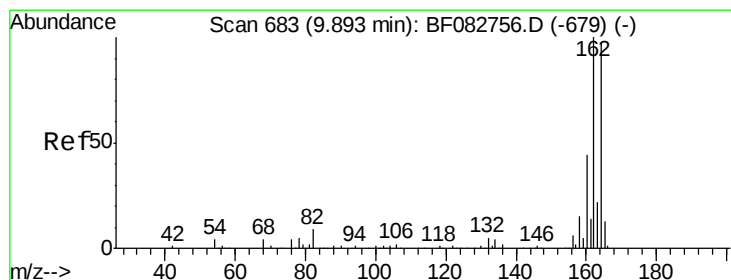
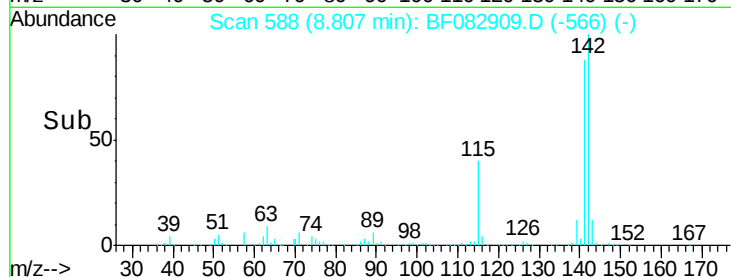
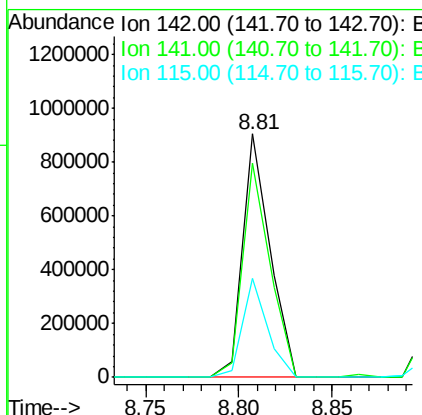
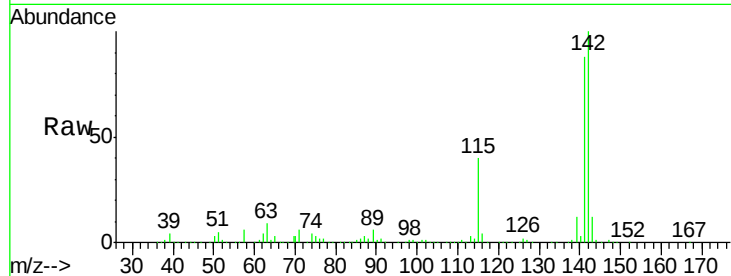
#37
 2-Methylnaphthalene
 Concen: 25.93 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:	142	Resp:	921457
Ion Ratio	Lower	Upper	
142	100		
141	88.2	72.3	108.5
115	40.5	38.1	57.1

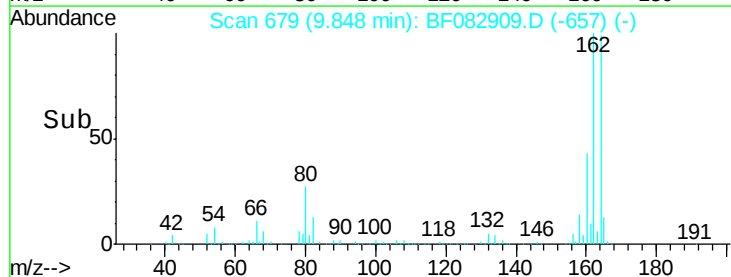
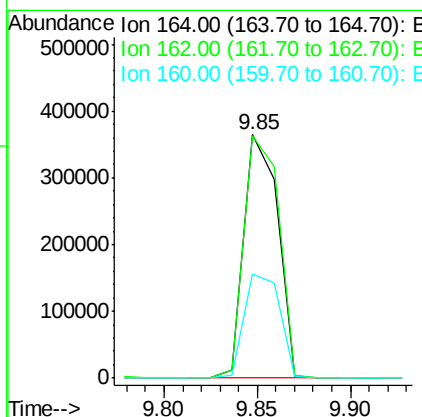
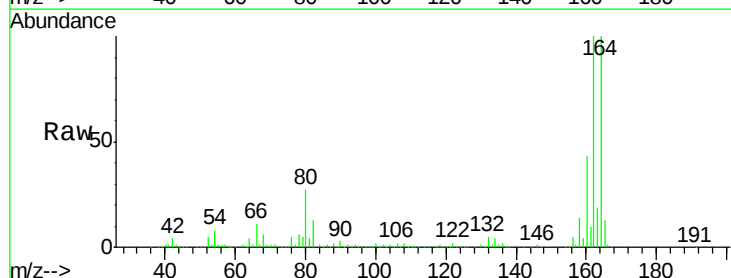
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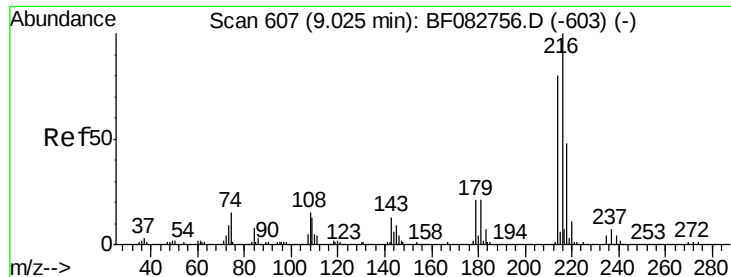
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:	164	Resp:	465368
Ion Ratio	Lower	Upper	
164	100		
162	99.5	84.9	127.3
160	42.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.10 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

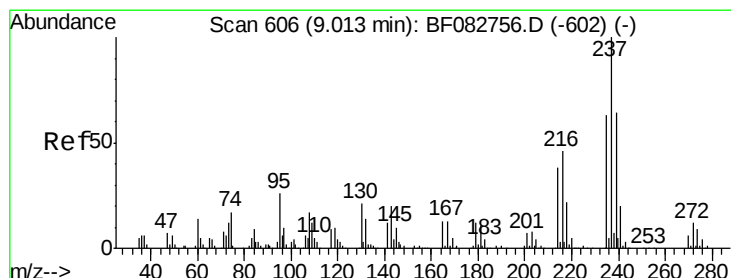
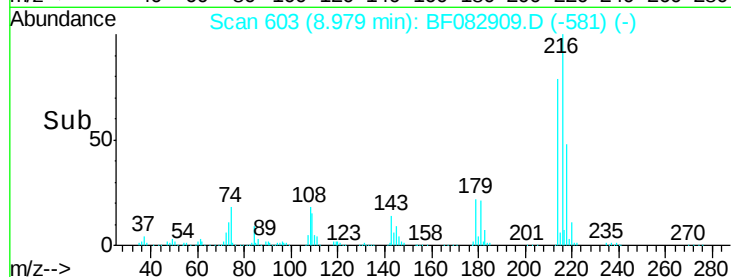
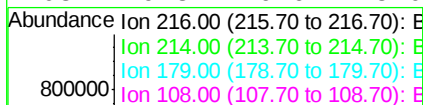
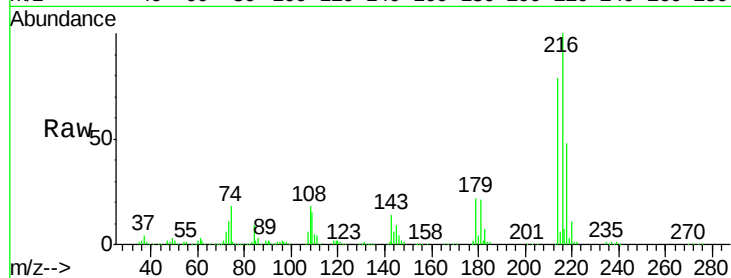
ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	216	Resp:	475667
Ion Ratio		Lower	Upper
216	100		
214	78.7	62.2	93.2
179	22.4	18.1	27.1
108	19.3	16.6	25.0

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#40

Hexachlorocyclopentadiene

Concen: 5.07 ng

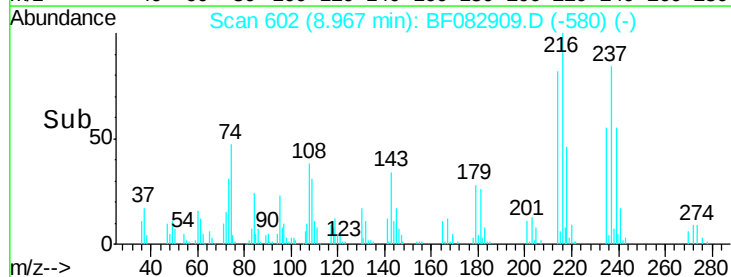
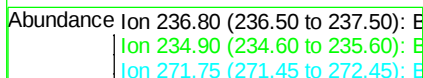
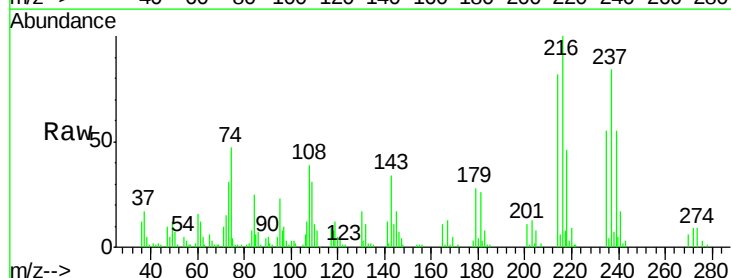
RT: 8.97 min Scan# 602

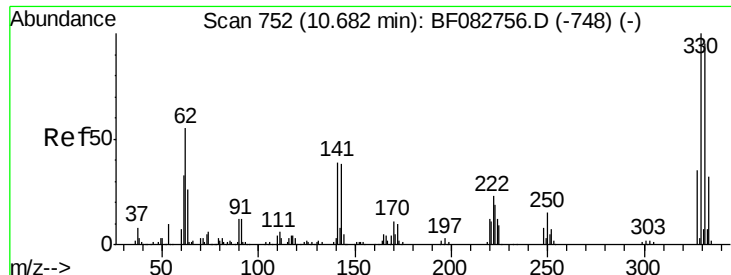
Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	237	Resp:	41642
Ion Ratio		Lower	Upper
237	100		
235	65.6	44.3	84.3
272	11.2	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 16.51 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:330 Resp: 88116
Ion Ratio Lower Upper

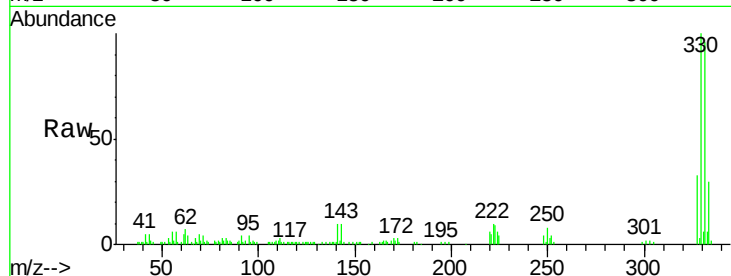
330 100

332 96.3 76.6 114.8

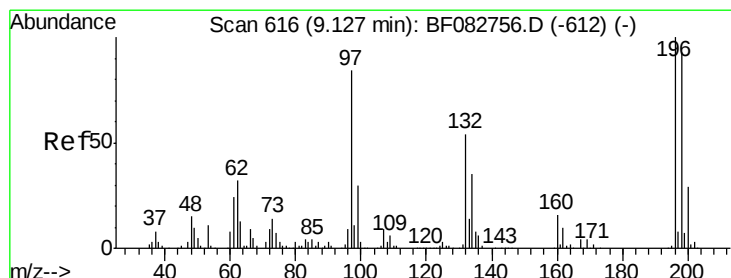
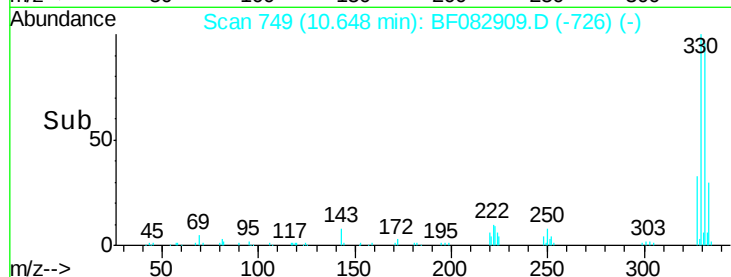
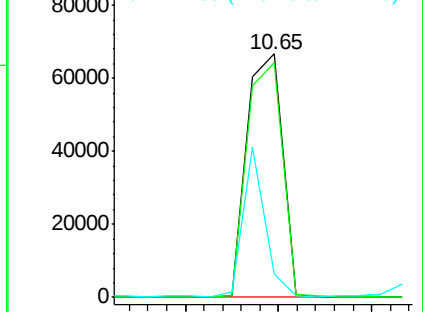
141 39.0 41.2 61.8#

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



#42

2,4,6-Trichlorophenol

Concen: 28.40 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF082909.D

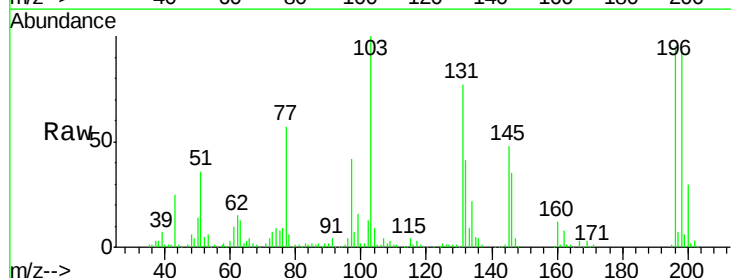
Acq: 13 Nov 2015 20:56

Tgt Ion:196 Resp: 324212
Ion Ratio Lower Upper

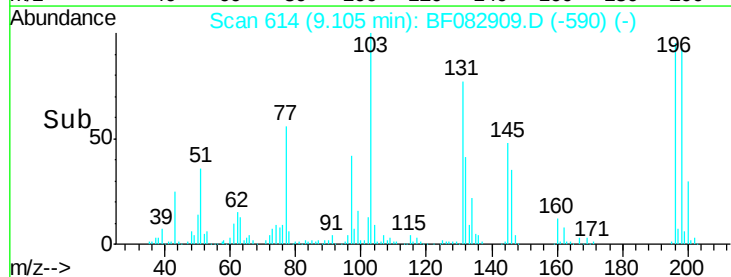
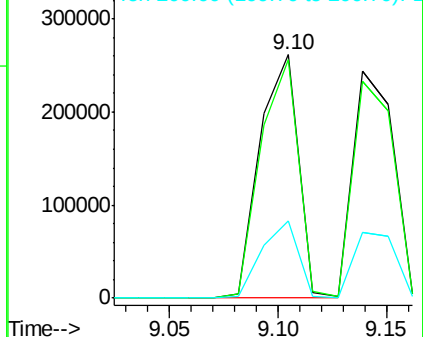
196 100

198 98.1 76.3 114.5

200 31.6 23.9 35.9



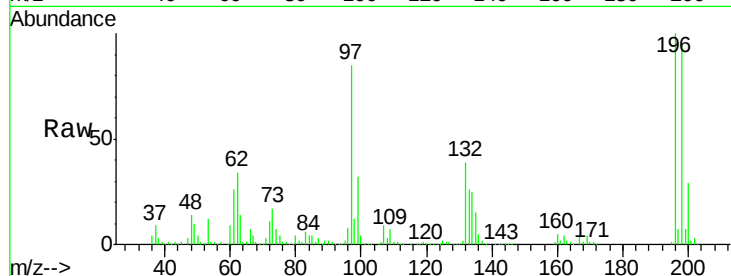
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 28.06 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

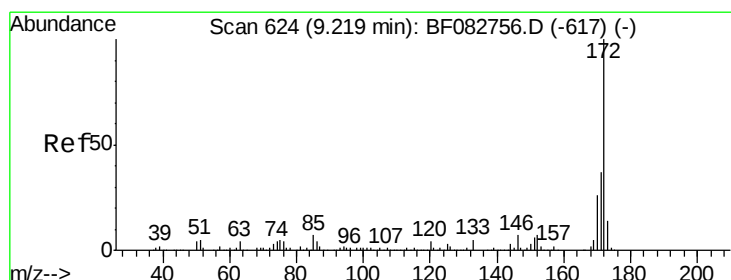
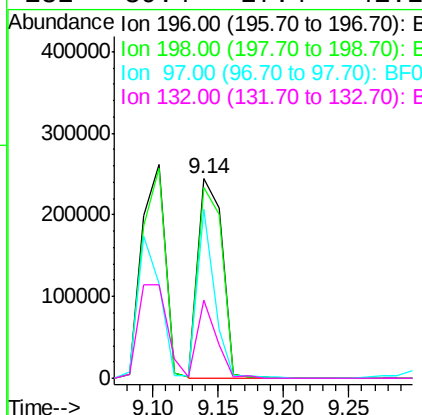
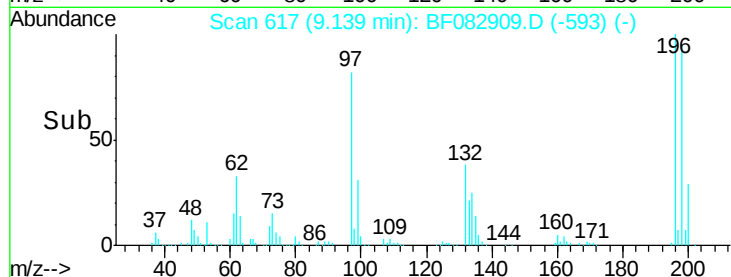
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316803		
198	95.4	75.8	113.8	
97	84.5	62.3	93.5	
132	39.4	27.4	41.2	

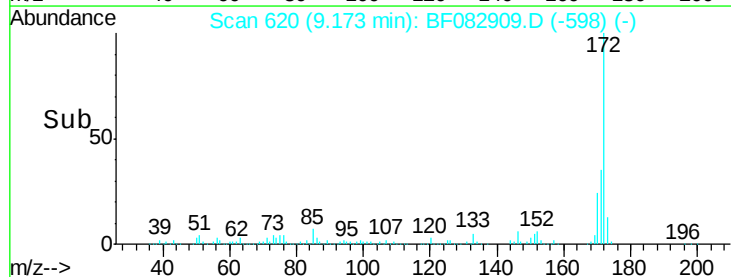
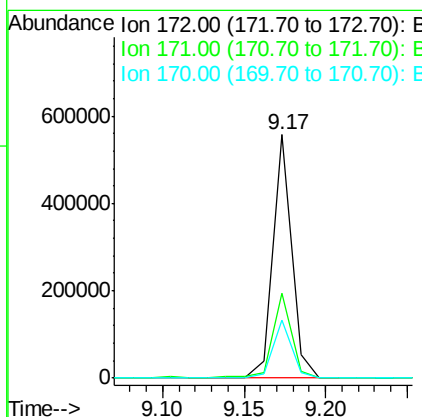
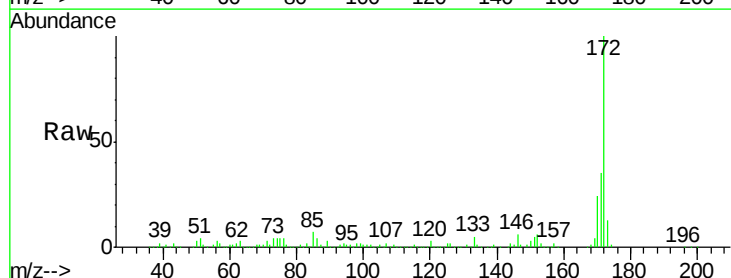
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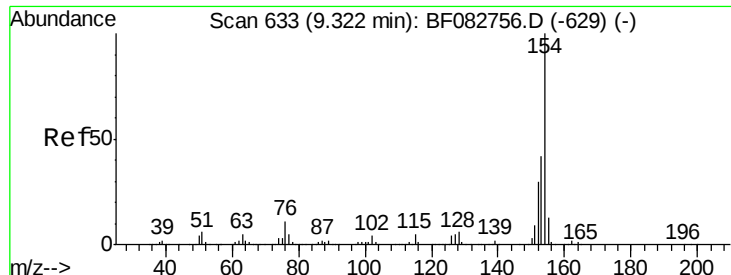
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 13.75 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	446477		
171	34.8	30.8	46.2	
170	23.6	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 29.05 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF082909.D

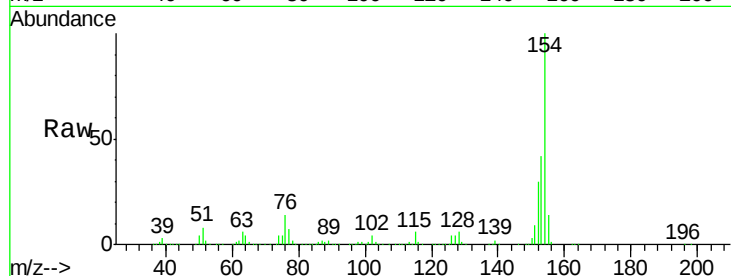
Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD



Tgt Ion:154 Resp: 1160027

Ion Ratio Lower Upper

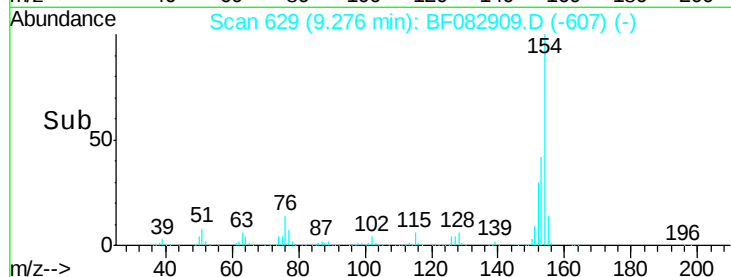
154 100

153 41.8 22.0 62.0

76 14.4 0.0 29.0

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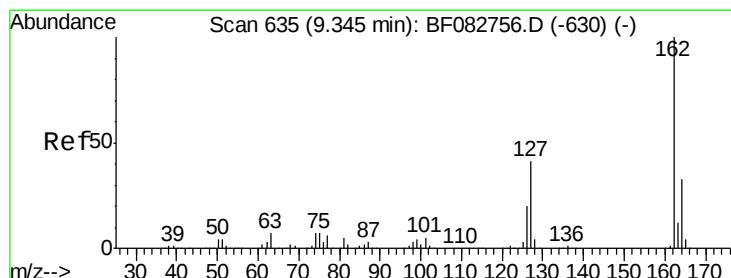
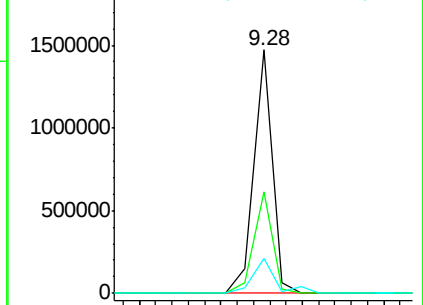
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 30.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

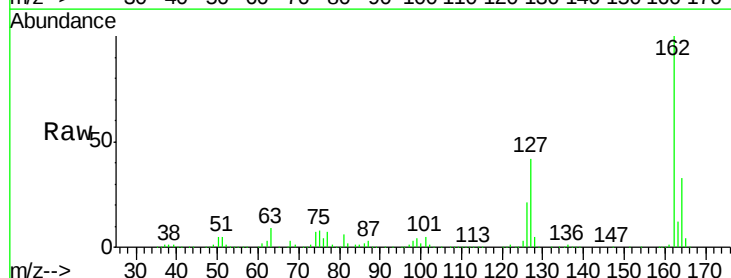
Tgt Ion:162 Resp: 935355

Ion Ratio Lower Upper

162 100

127 41.8 32.7 49.1

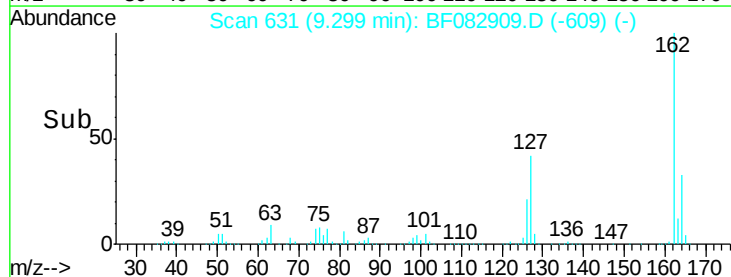
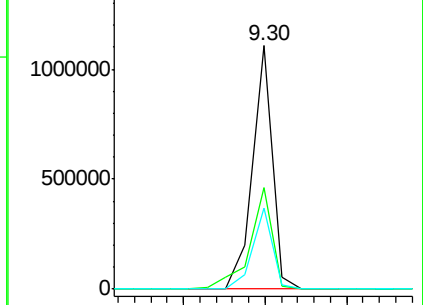
164 33.3 27.4 41.0

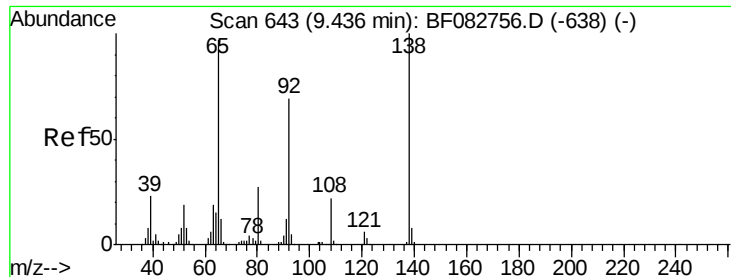


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.44 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 65 Resp: 340236
Ion Ratio Lower Upper

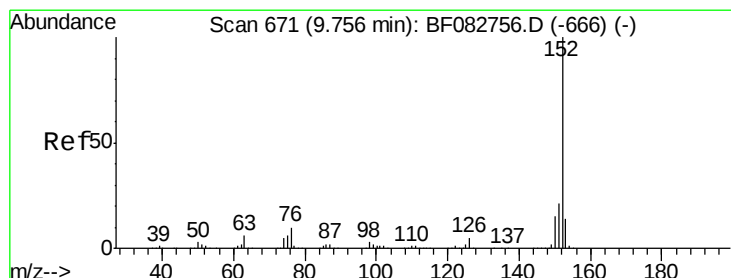
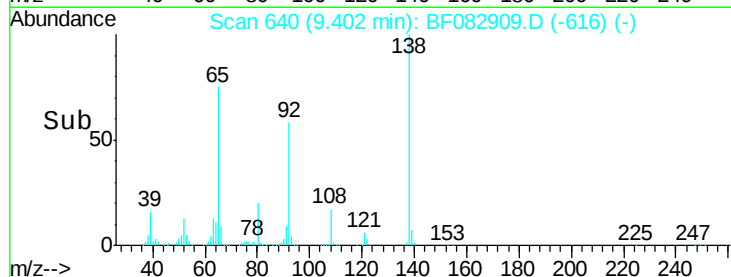
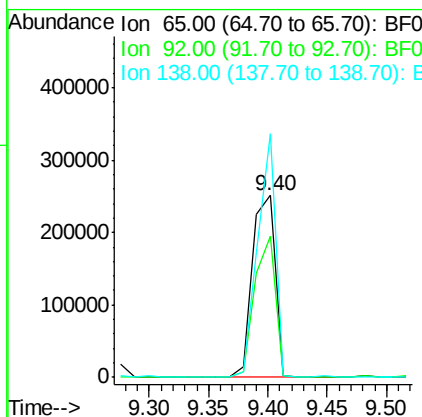
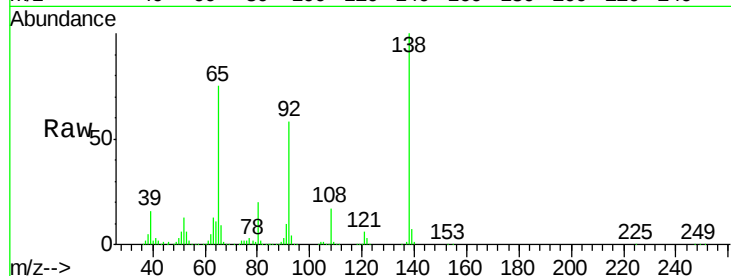
65 100

92 77.6 46.6 70.0#

138 133.7 54.6 81.8#

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#48

Acenaphthylene

Concen: 27.34 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF082909.D

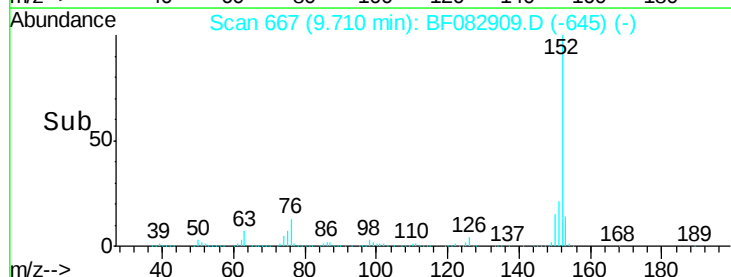
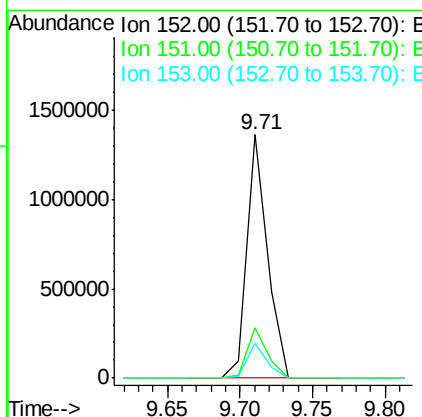
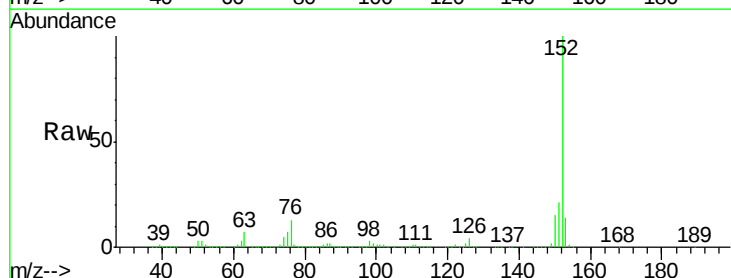
Acq: 13 Nov 2015 20:56

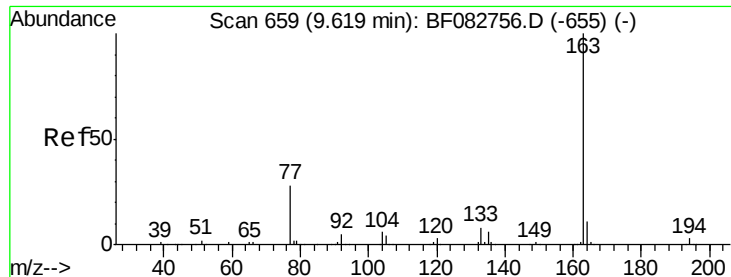
Tgt Ion: 152 Resp: 1334517
Ion Ratio Lower Upper

152 100

151 20.8 17.3 25.9

153 14.3 11.3 16.9





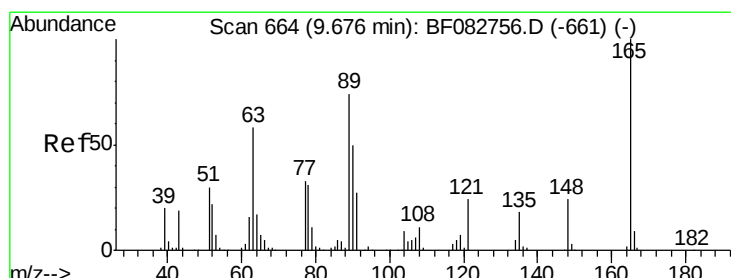
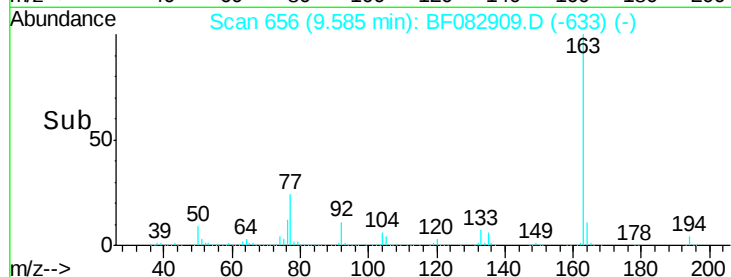
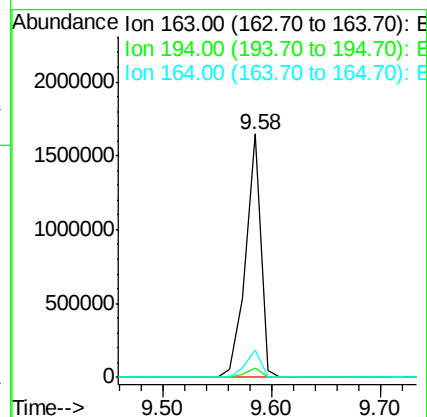
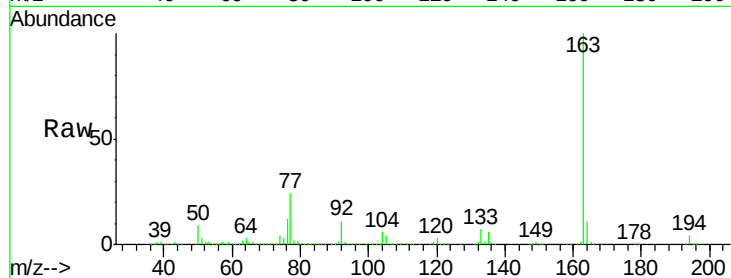
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:163 Resp: 1568945
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.0 8.7 13.1

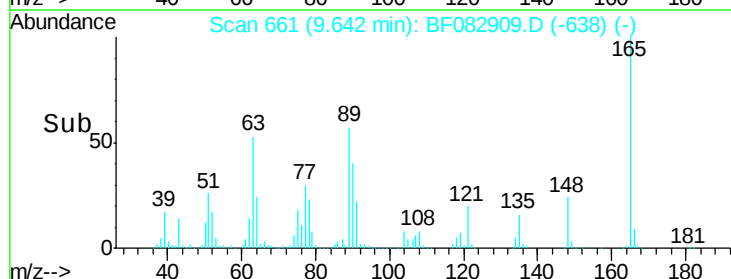
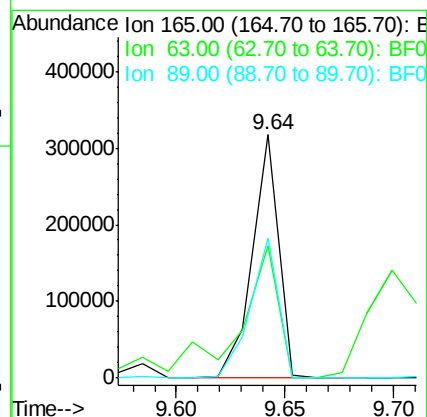
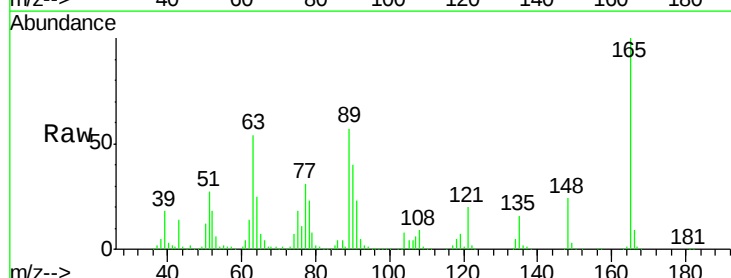
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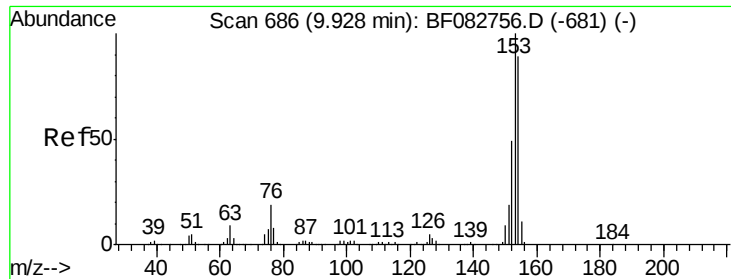
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#50
2,6-Dinitrotoluene
Concen: 32.63 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:165 Resp: 265468
Ion Ratio Lower Upper
165 100
63 54.2 55.5 83.3#
89 57.4 55.0 82.6





#51

Acenaphthene

Concen: 27.56 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082909.D

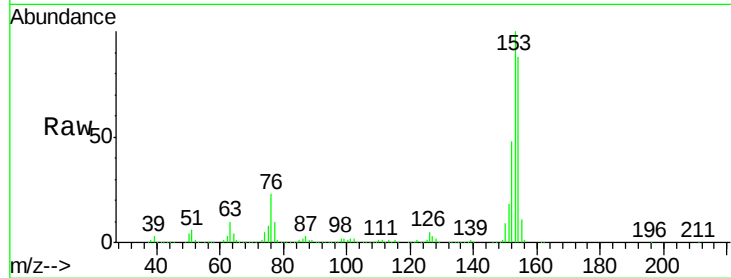
Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

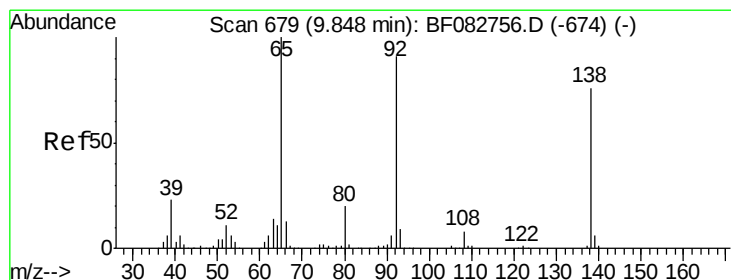
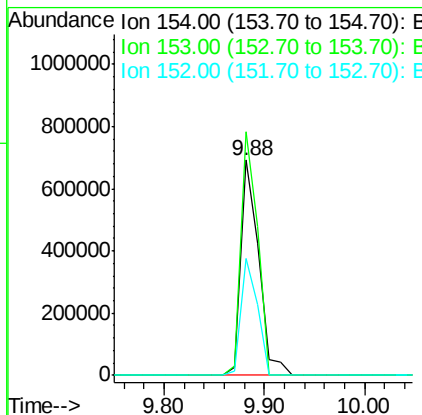
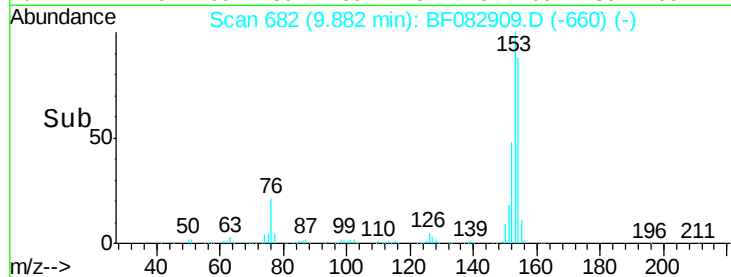
P001-TS003-02MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.1	852722	90.1	135.1
152	54.3		44.3	66.5

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#52

3-Nitroaniline

Concen: 20.78 ng

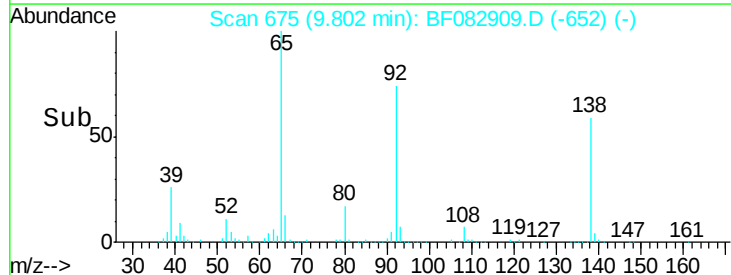
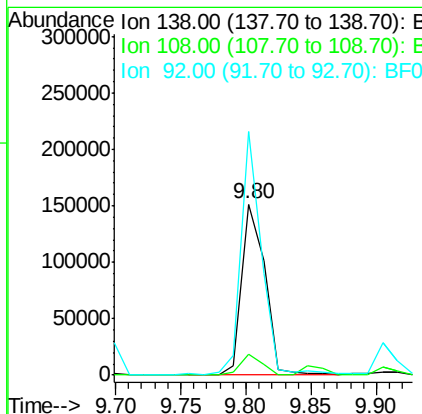
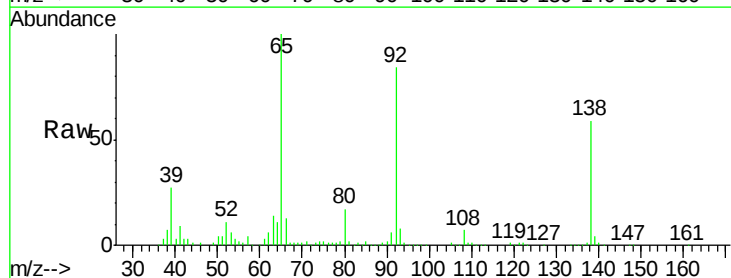
RT: 9.80 min Scan# 675

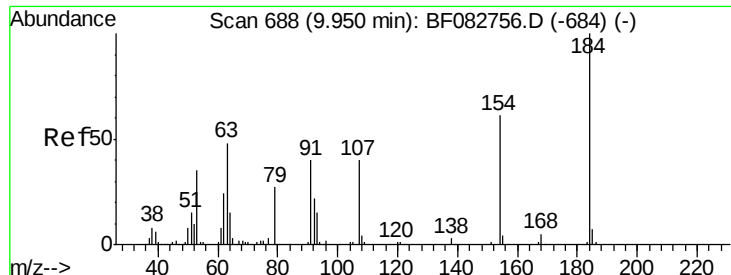
Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185941		
108	12.0		11.3	16.9
92	142.4		122.4	183.6





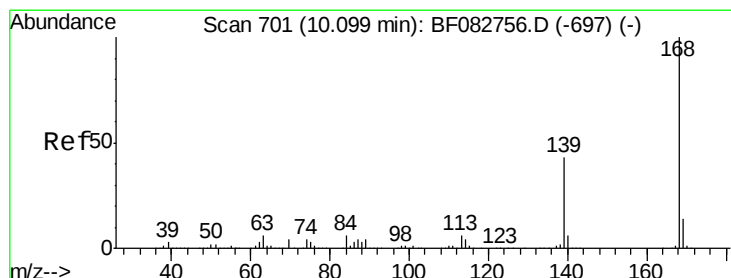
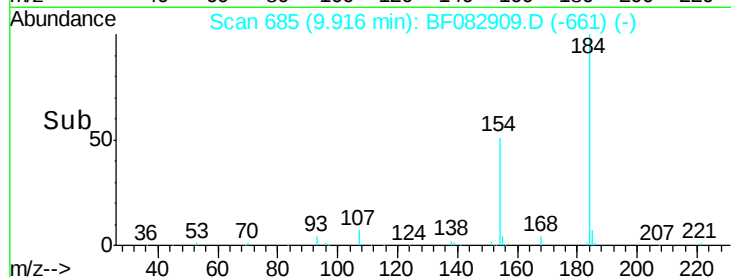
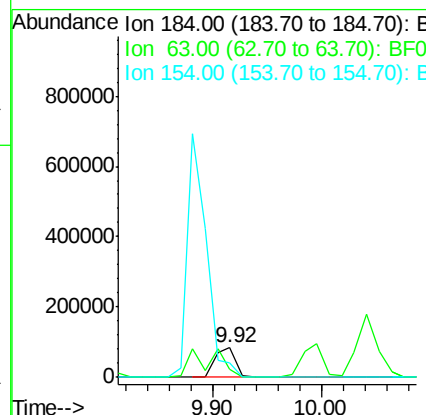
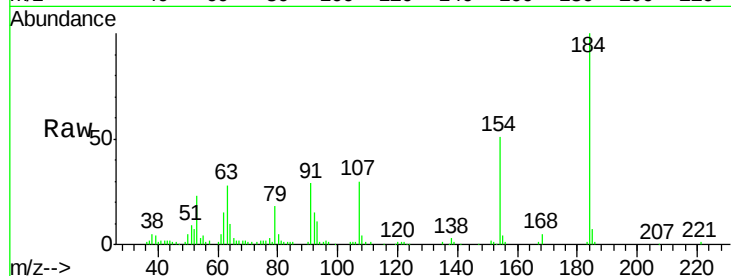
#53
 2,4-Dinitrophenol
 Concen: 24.84 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	110931		
63	28.3	98.6	148.0#	
154	50.8	183.9	275.9#	

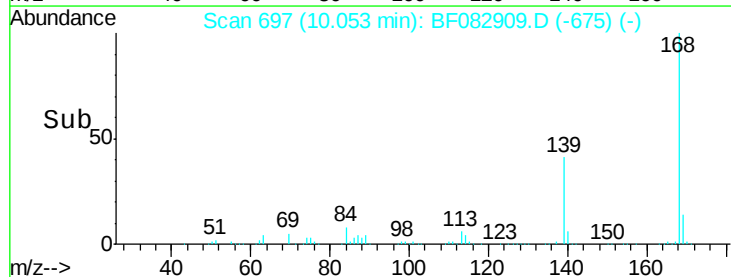
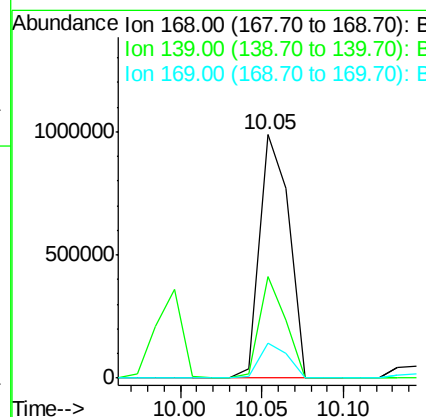
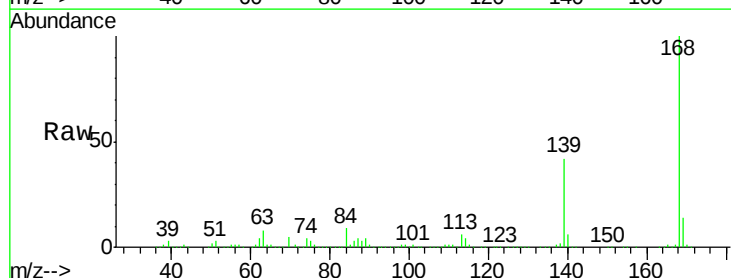
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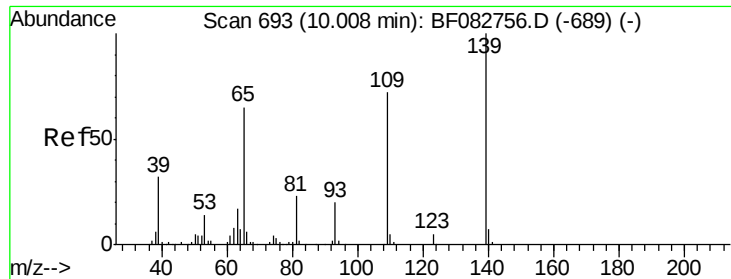
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#54
 Dibenzofuran
 Concen: 29.57 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1233265		
139	41.8	37.8	56.6	
169	14.2	11.3	16.9	





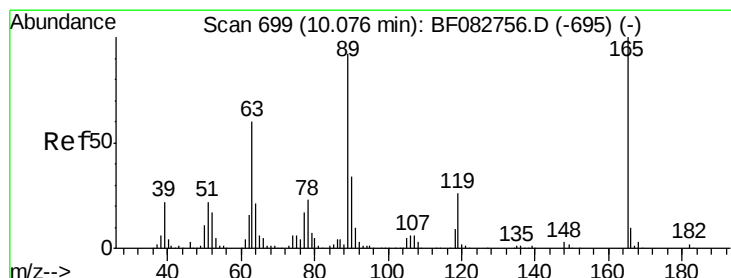
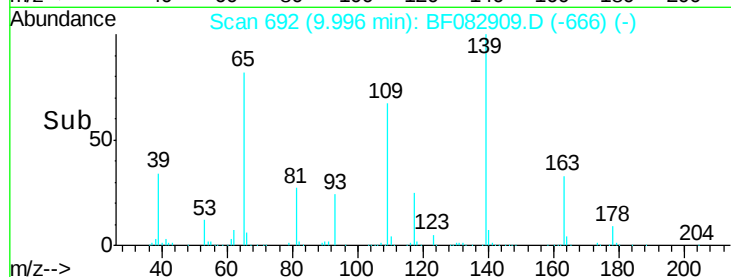
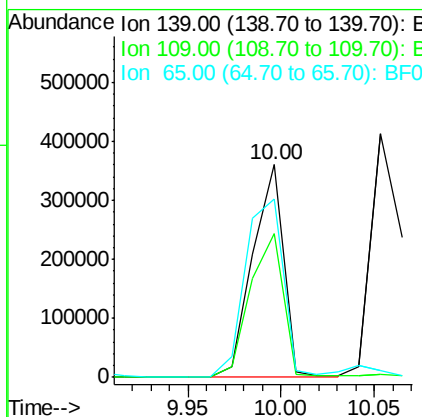
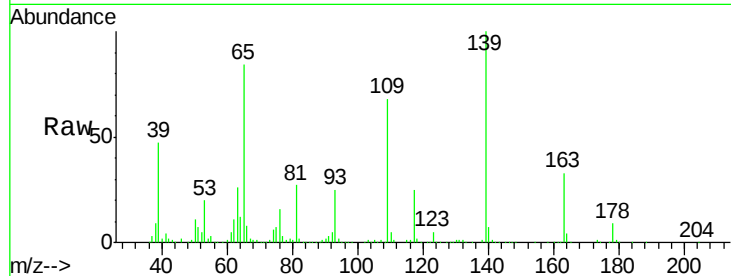
#55
4-Nitrophenol
Concen: 60.30 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	413888		
109	67.5	73.7	113.7#	
65	84.1	82.9	122.9	

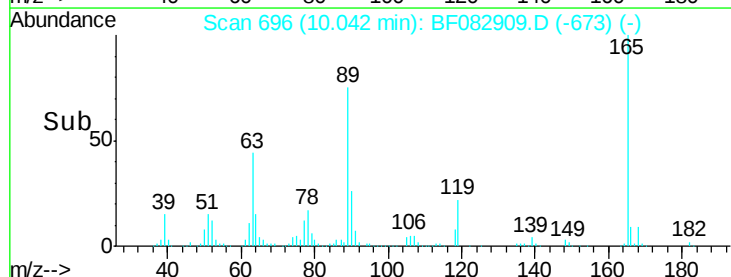
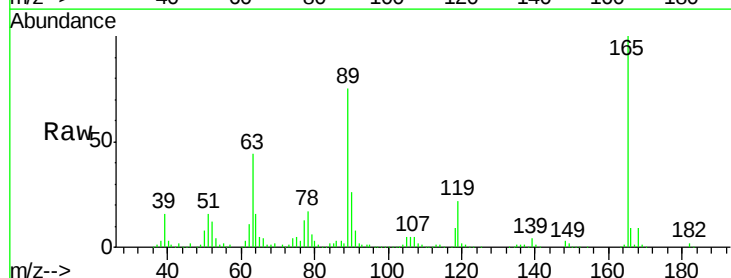
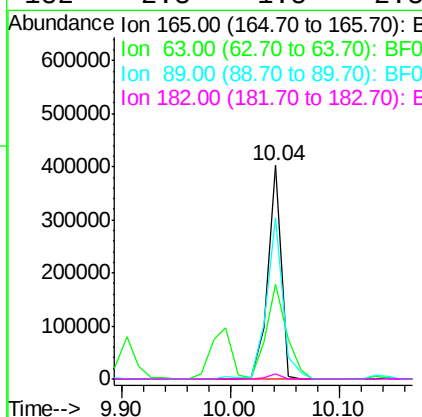
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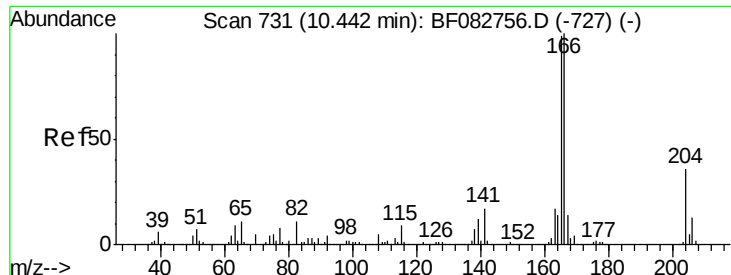
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 31.60 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	348822		
63	44.4	43.4	65.0	
89	75.3	70.6	106.0	
182	2.3	1.5	2.3#	





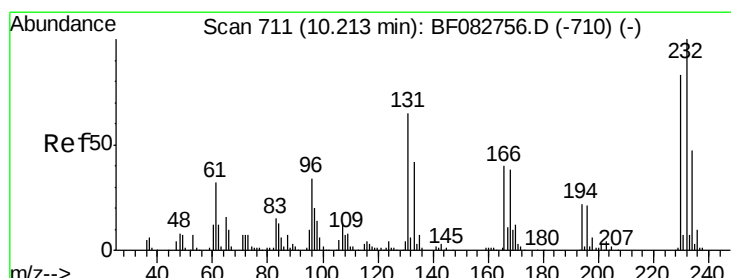
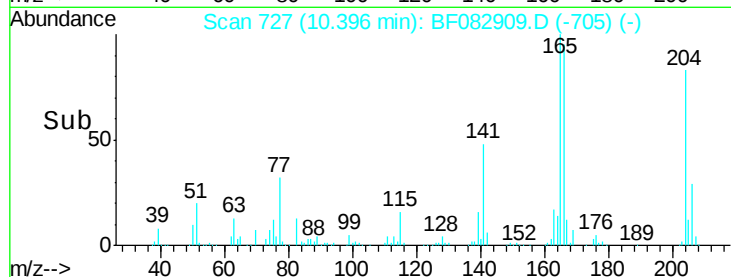
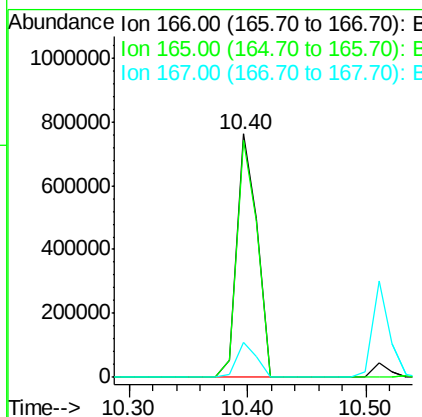
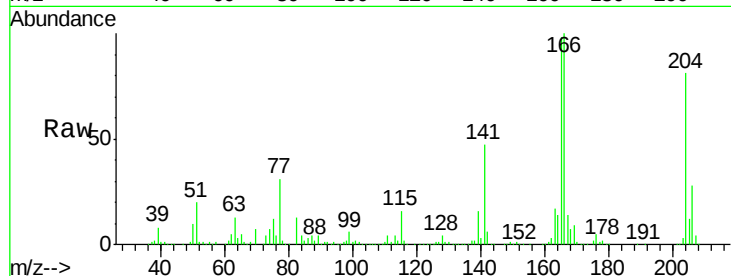
#57
Fluorene
 Concen: 26.73 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	902925		
165	97.5	80.2	120.4	
167	14.3	11.2	16.8	

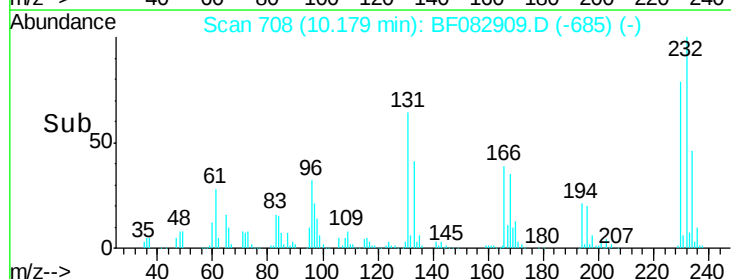
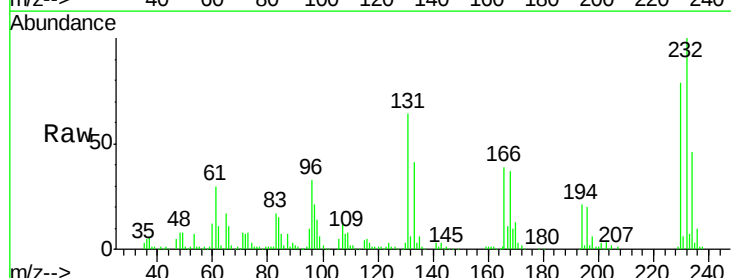
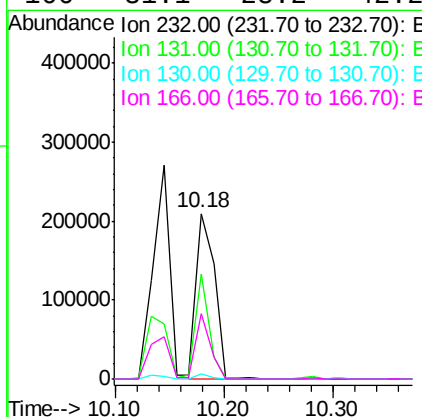
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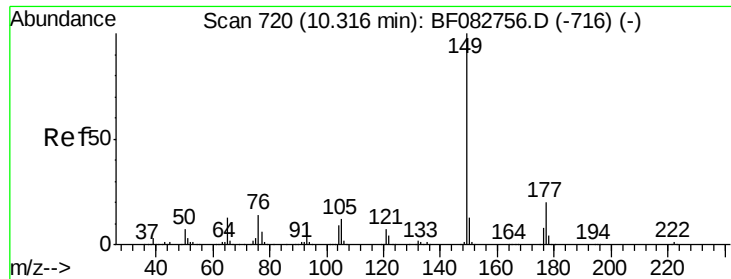
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 27.06 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	249334		
131	46.6	46.2	69.2	
130	2.2	2.4	3.6#	
166	31.1	28.2	42.2	





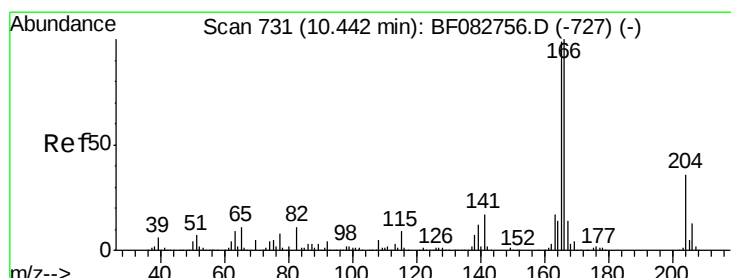
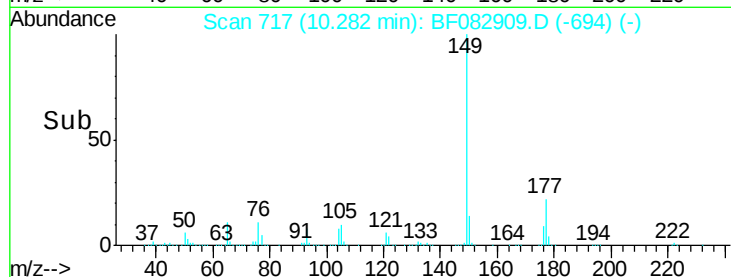
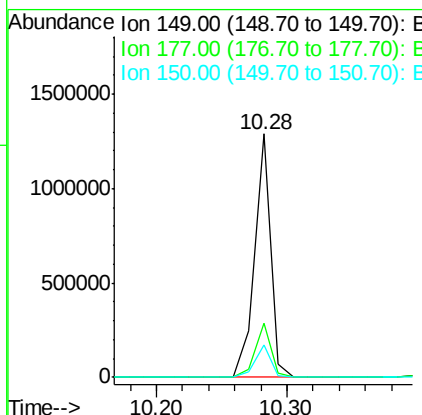
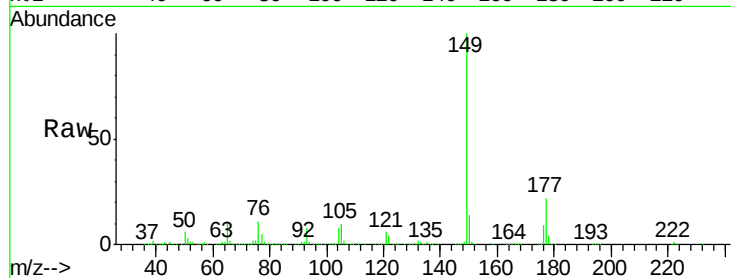
#59
Diethylphthalate
Concen: 29.71 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:149 Resp: 1105850
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 13.6 10.1 15.1

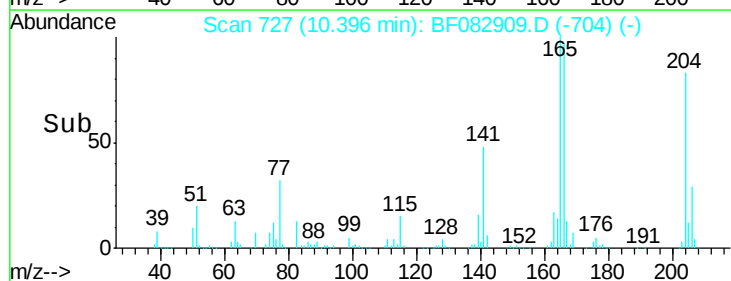
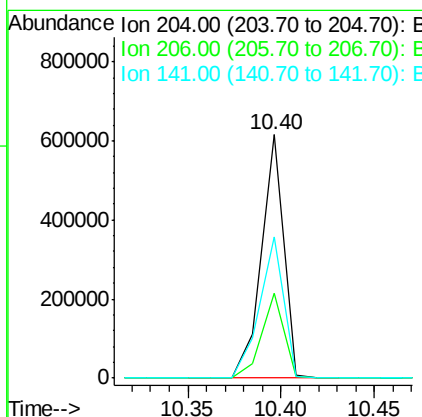
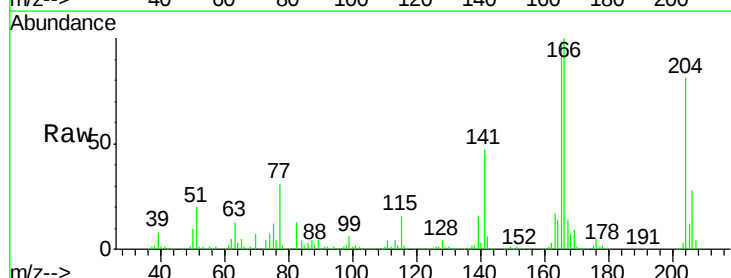
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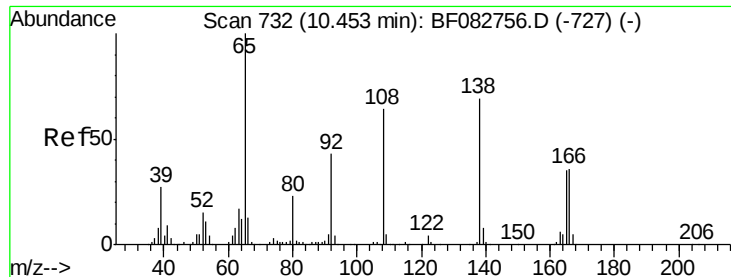
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 29.85 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:204 Resp: 504572
Ion Ratio Lower Upper
204 100
206 35.0 28.5 42.7
141 58.0 44.6 66.8





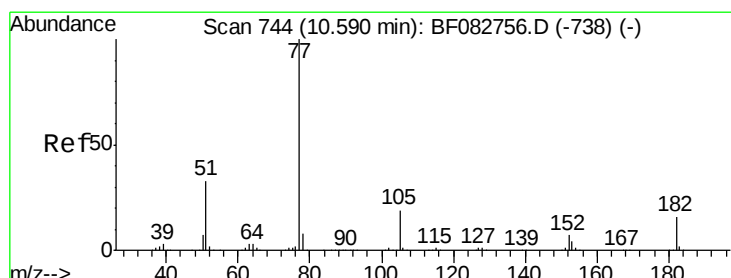
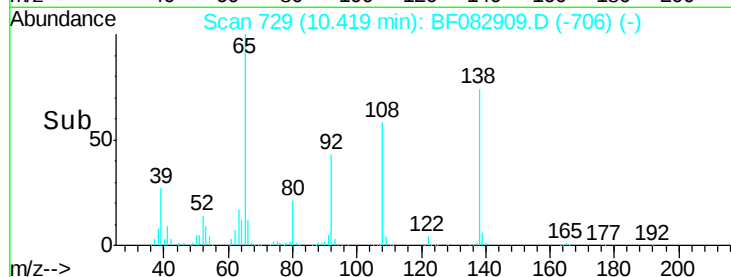
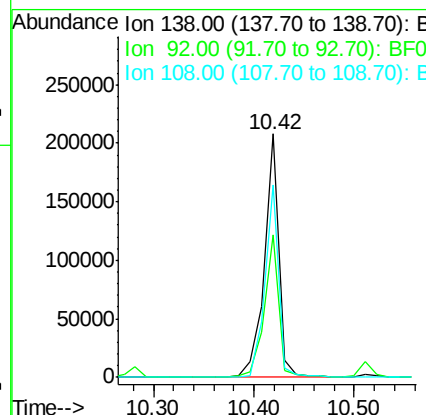
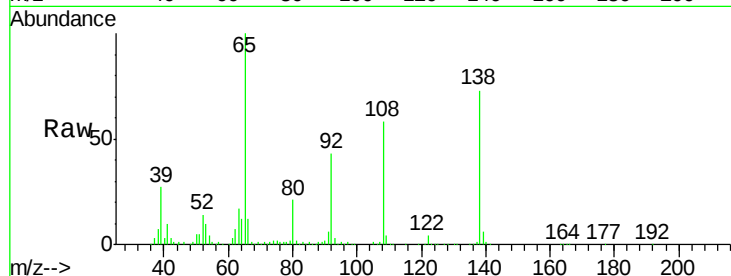
#61
4-Nitroaniline
Concen: 23.23 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	45.8	85.8
108	78.9	89.4	129.4

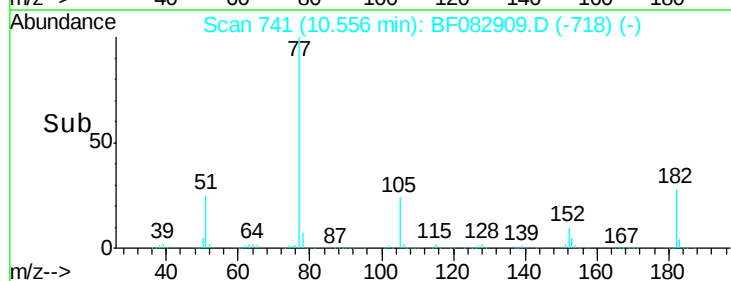
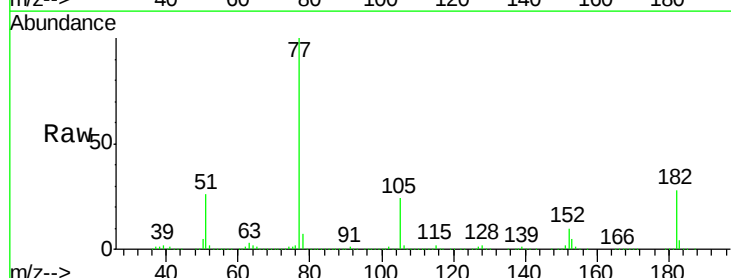
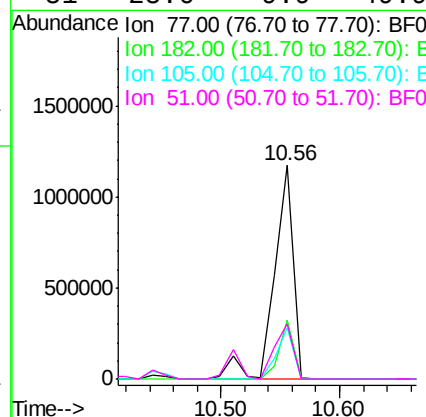
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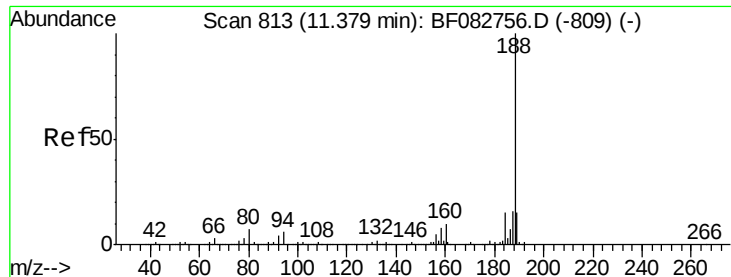
Mmdadoda
11/16/2015 12:44:04 PM



#62
Azobenzene
Concen: 32.73 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	9.3	49.3
105	24.2	2.6	42.6
51	25.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:188 Resp: 778504
Ion Ratio Lower Upper

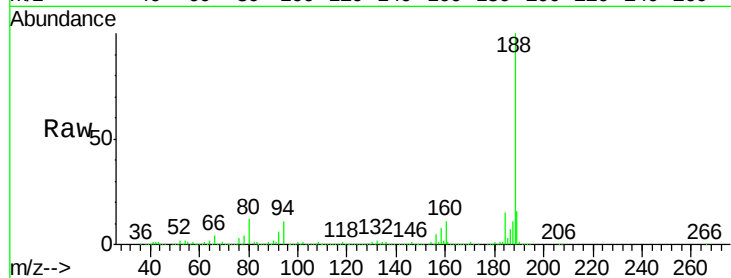
188 100

94 10.9 6.1 9.1#

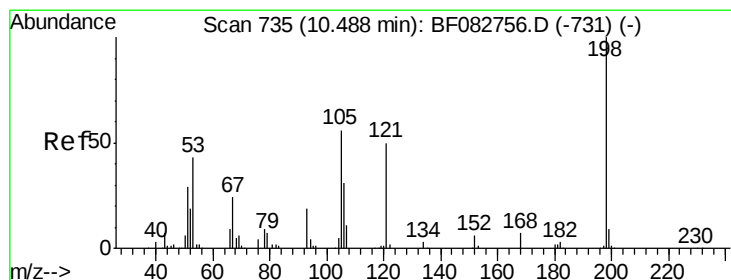
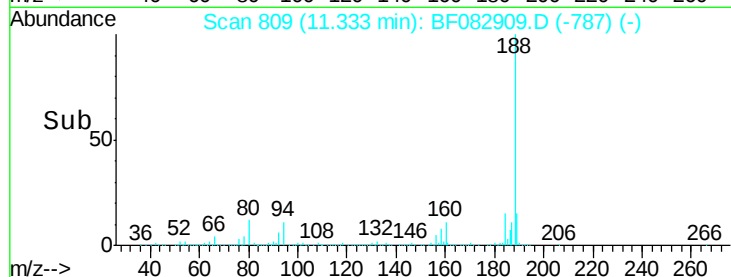
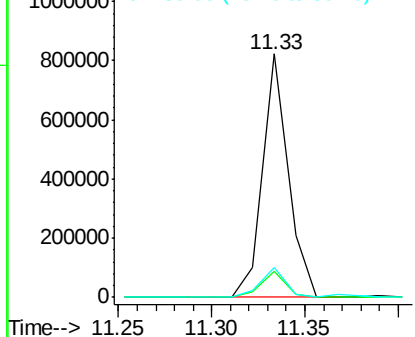
80 12.5 7.0 10.6#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 19.37 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082909.D

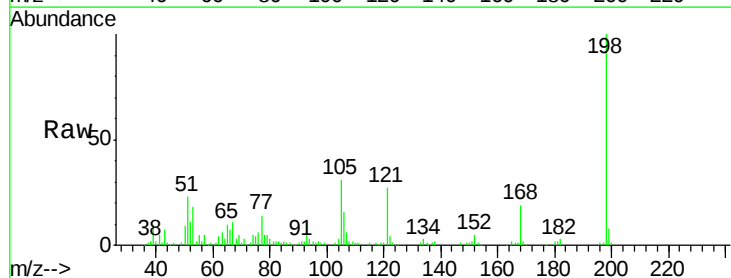
Acq: 13 Nov 2015 20:56

Tgt Ion:198 Resp: 107440
Ion Ratio Lower Upper

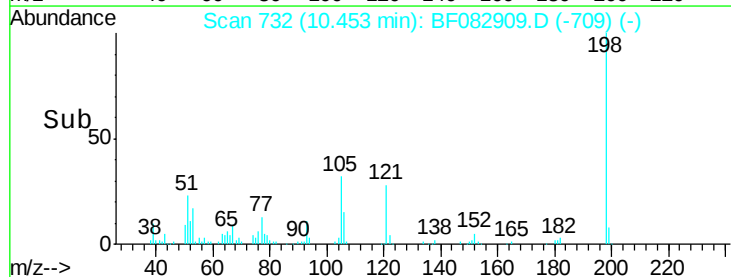
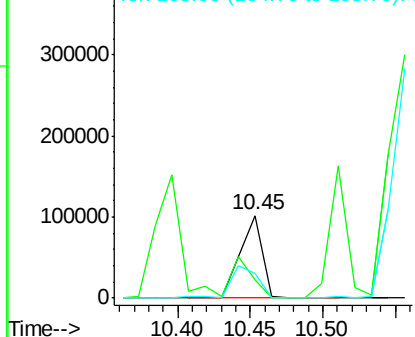
198 100

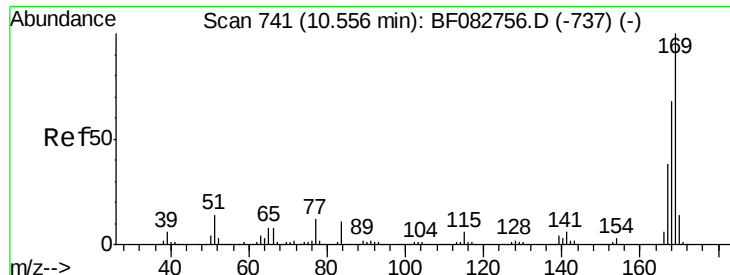
51 22.8 17.3 57.3

105 30.8 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





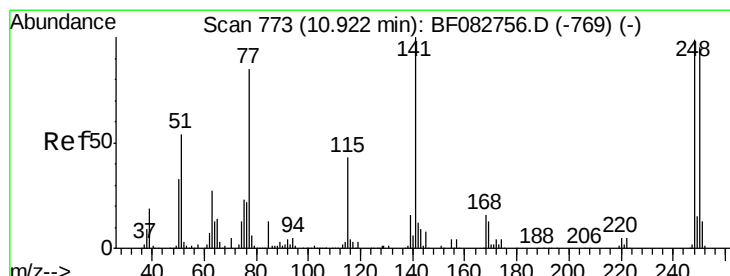
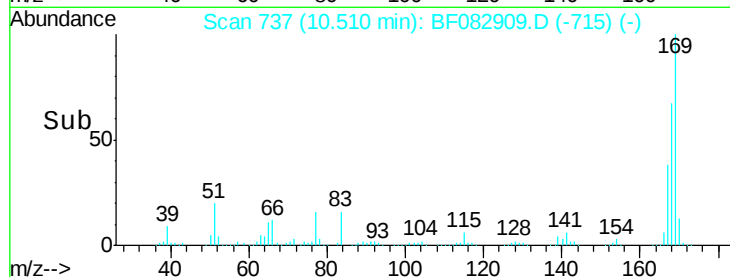
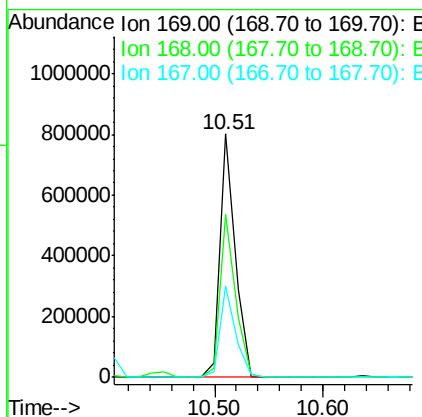
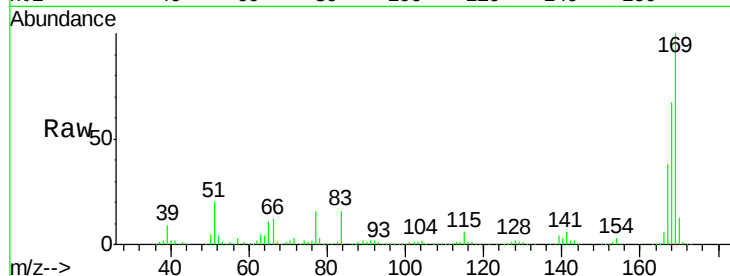
#65
 n-Nitrosodiphenylamine
 Concen: 27.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	785303		
168	66.8	55.0	82.6	
167	37.6	30.5	45.7	

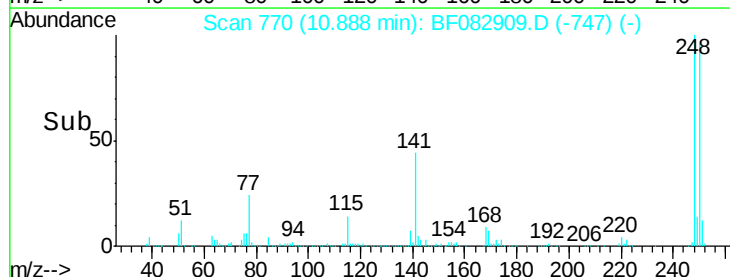
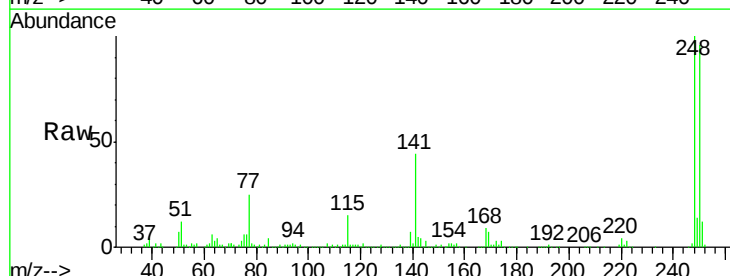
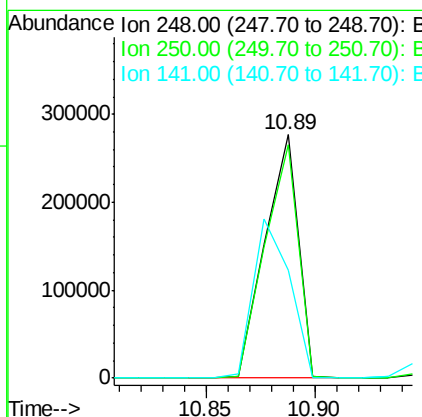
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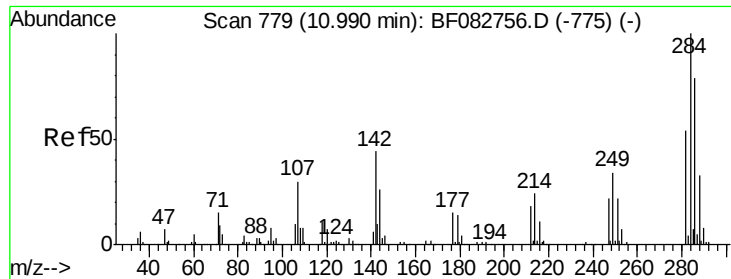
Mmdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 31.61 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	296341		
250	96.1	79.4	119.2	
141	44.2	36.3	54.5	





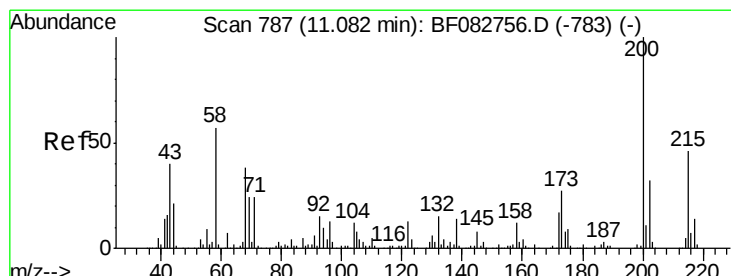
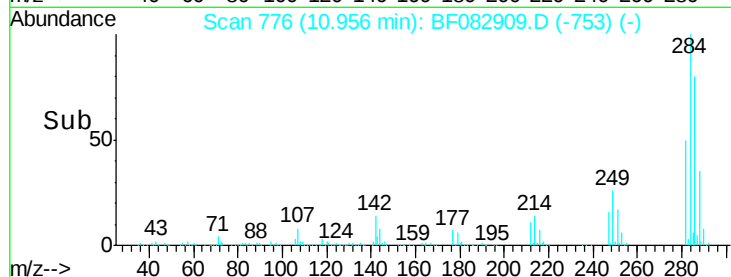
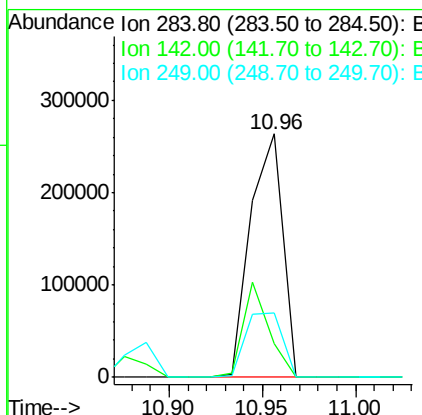
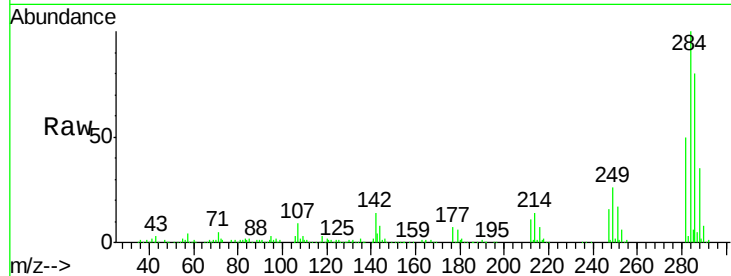
#67
Hexachlorobenzene
Concen: 30.13 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	315353		
142	13.8	47.9	71.9#	
249	26.5	29.7	44.5#	

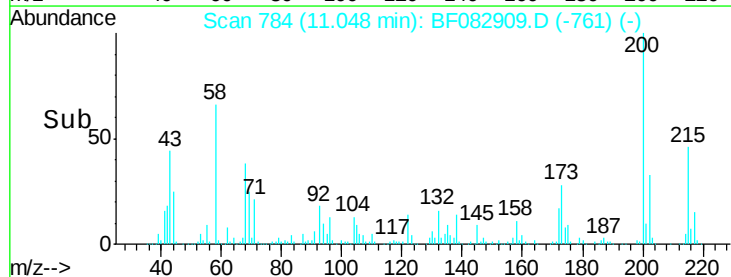
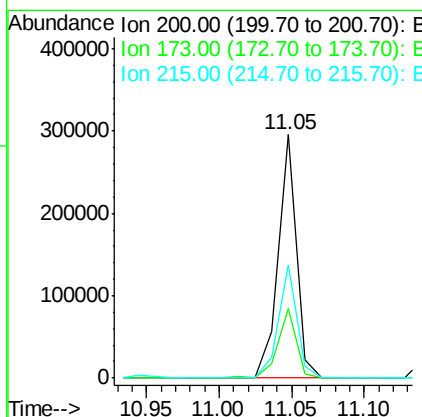
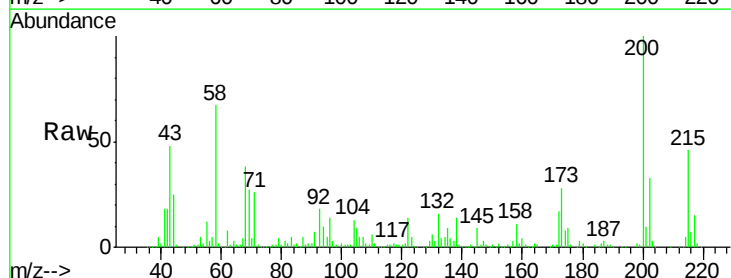
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#68
Atrazine
Concen: 29.67 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	258016		
173	28.3	6.9	46.9	
215	46.2	22.9	62.9	





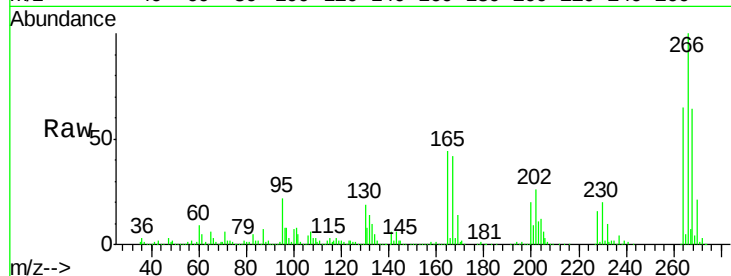
#69
 Pentachlorophenol
 Concen: 49.33 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

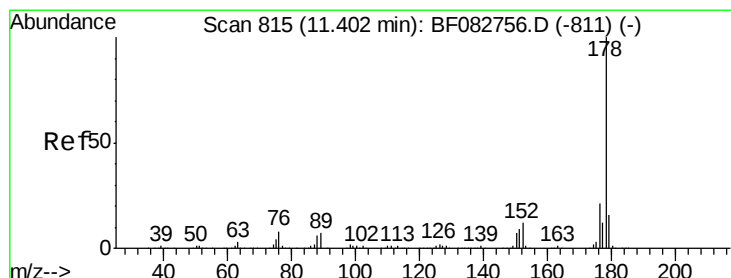
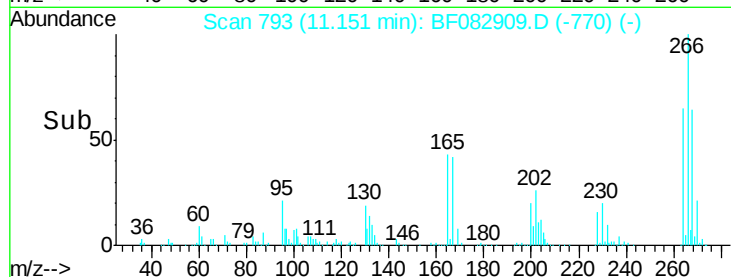
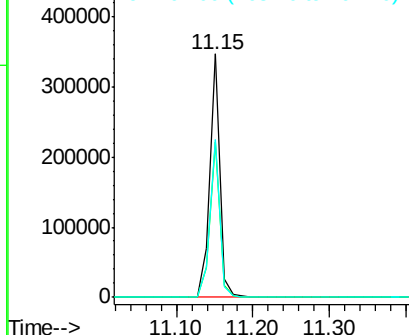
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	64.6	50.6	75.8

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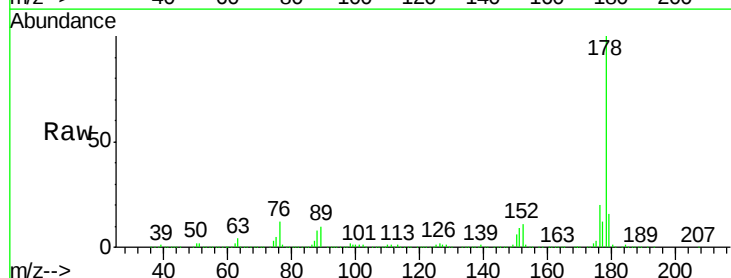


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

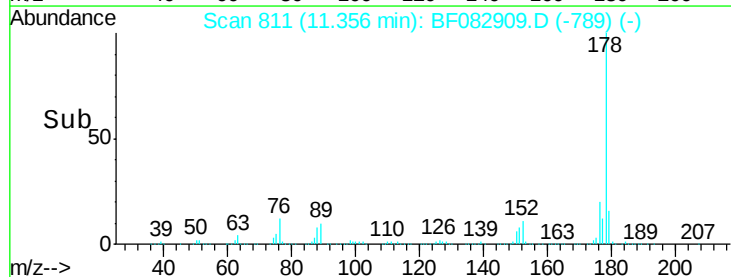
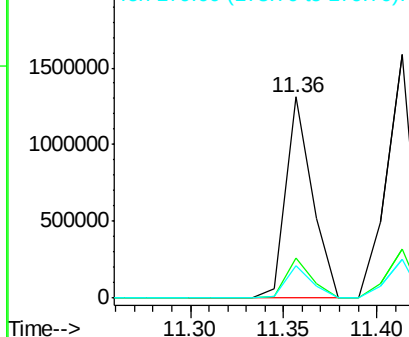


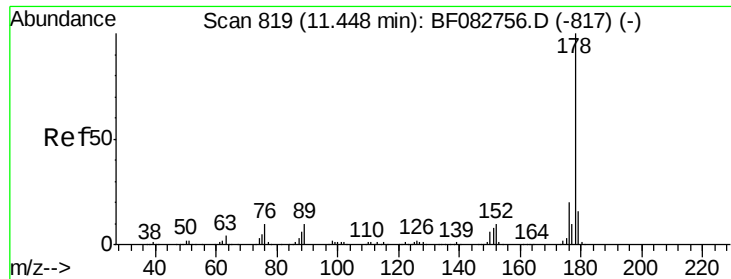
#70
 Phenanthrene
 Concen: 28.75 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.0	25.4
179	16.2	13.4	20.0



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





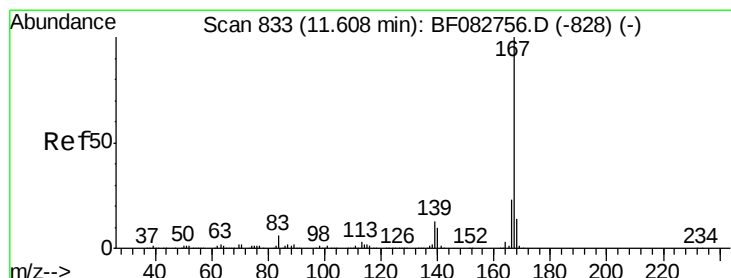
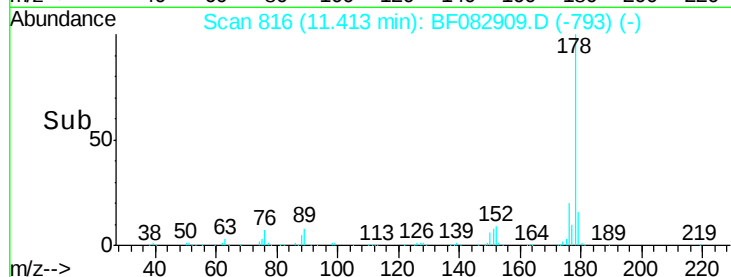
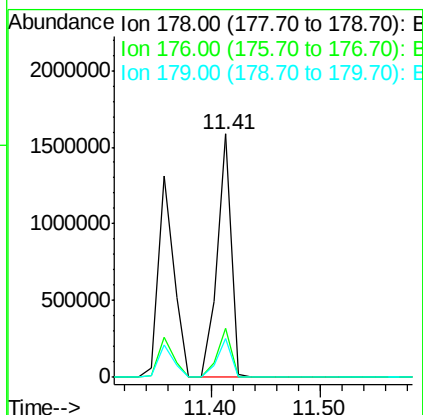
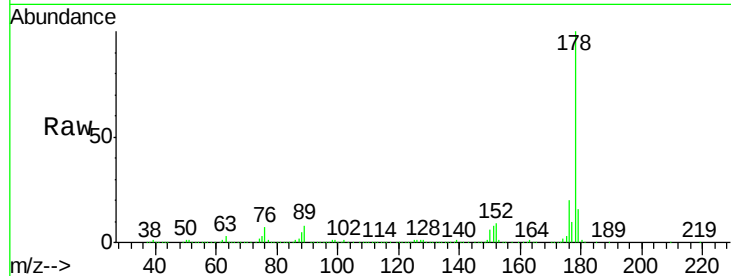
#71
 Anthracene
 Concen: 30.52 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:178 Resp: 1453401
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.5 24.7
 179 16.2 13.2 19.8

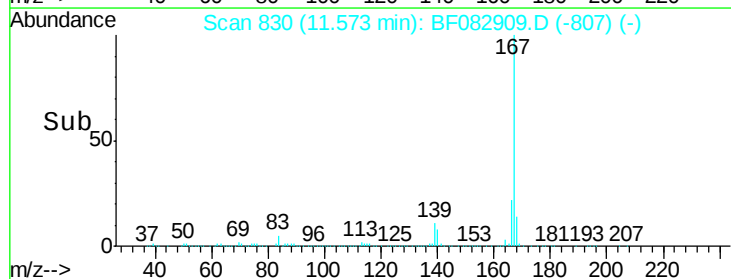
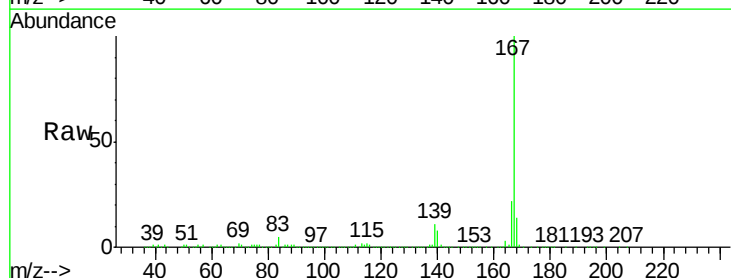
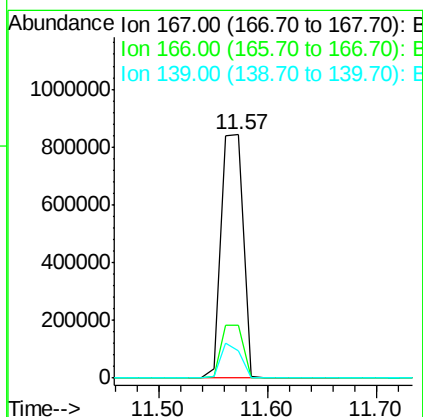
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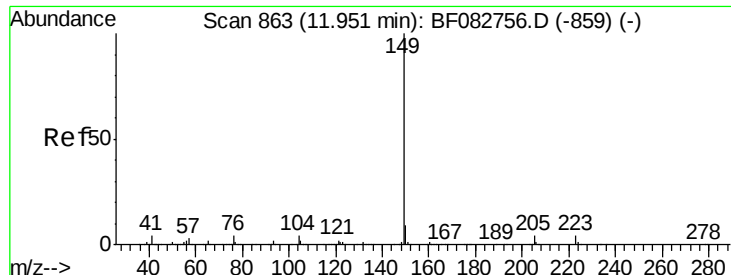
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#72
 Carbazole
 Concen: 28.43 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:167 Resp: 1185008
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.7 28.1
 139 11.3 11.8 17.6#





#73

Di-n-butylphthalate

Concen: 30.04 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

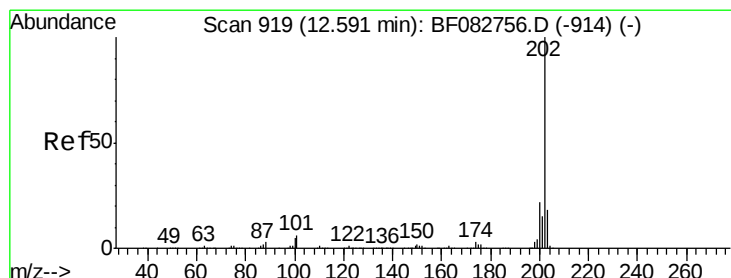
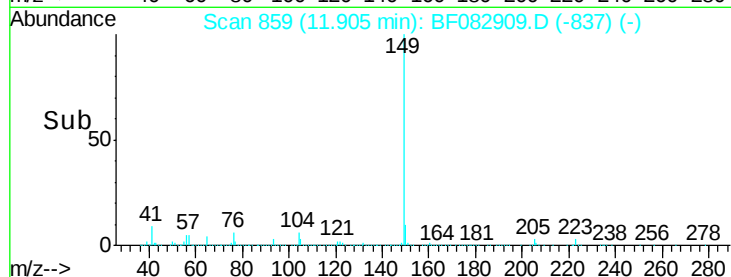
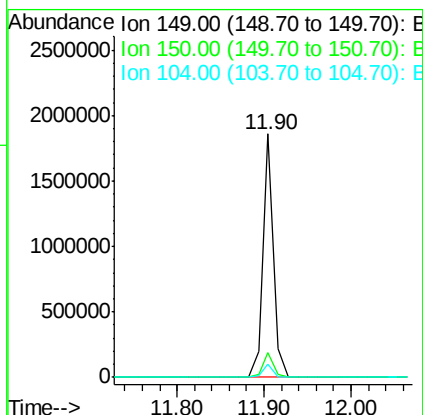
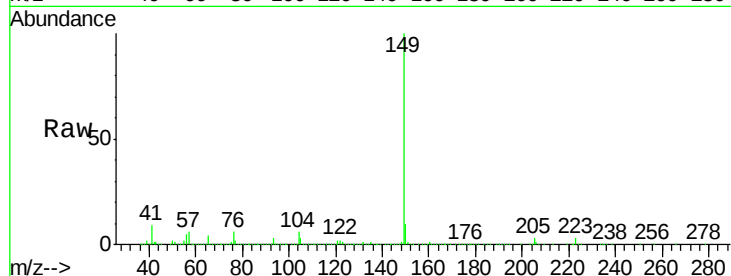
P001-TS003-02MSD

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Tgt Ion:	149	Resp:	1560333
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.1	12.1
104	5.5	5.2	7.8



#74

Fluoranthene

Concen: 24.76 ng

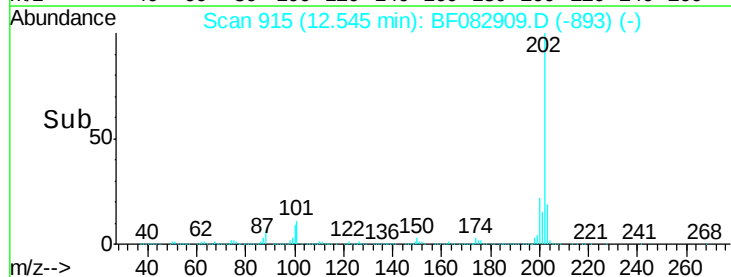
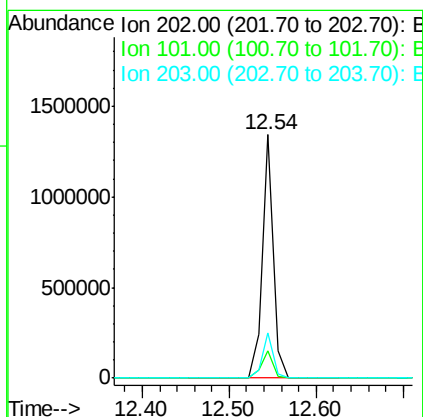
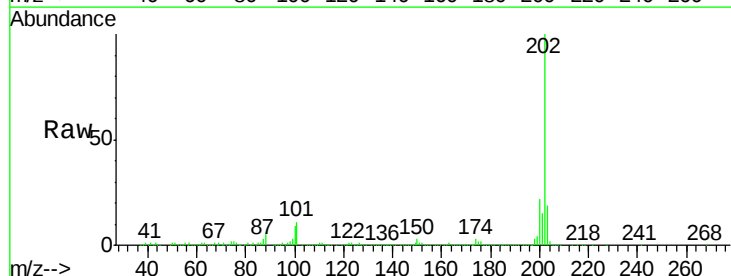
RT: 12.54 min Scan# 915

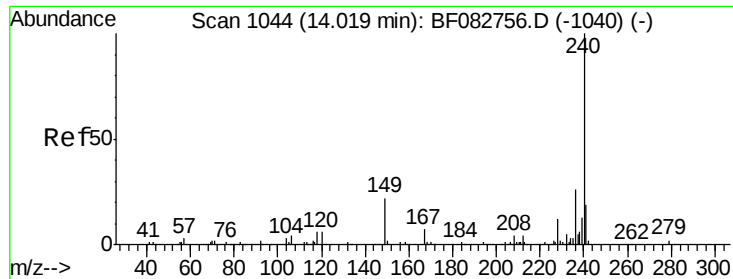
Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	202	Resp:	1201071
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.5
203	18.7	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

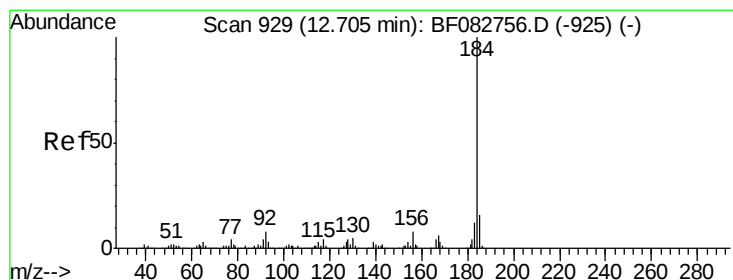
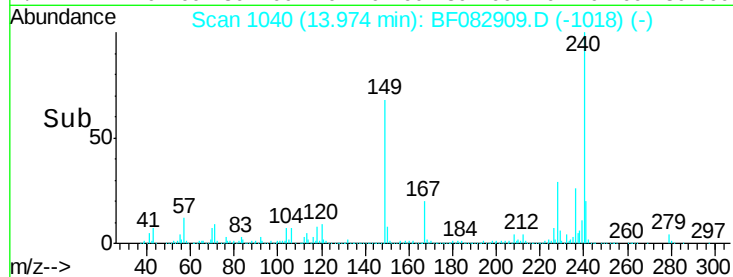
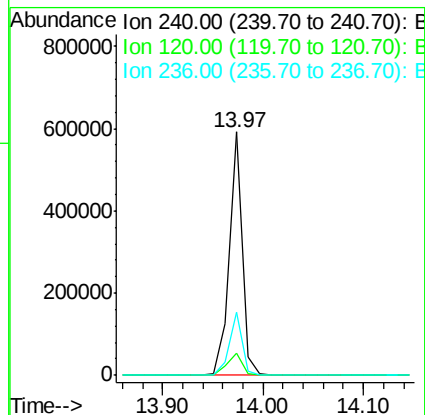
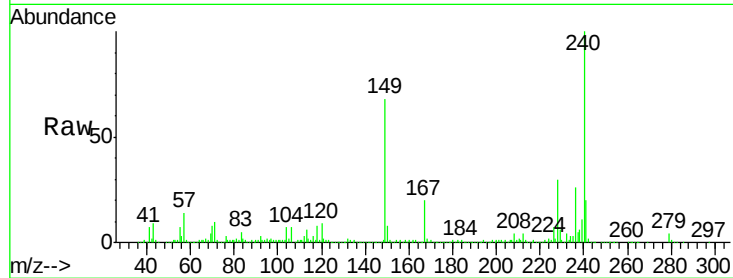
ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	240	Resp:	531564
Ion Ratio	Lower	Upper	
240	100		
120	9.1	10.9	16.3#
236	25.8	21.6	32.4

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#76

Benzidine

Concen: 17.76 ng

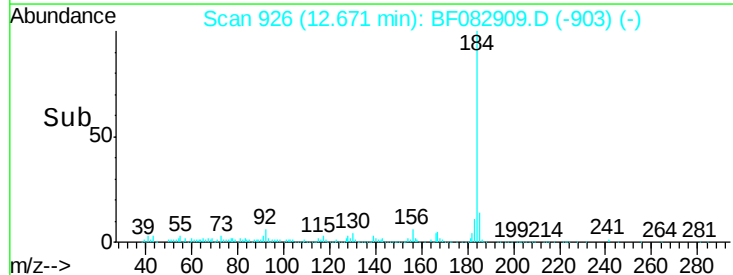
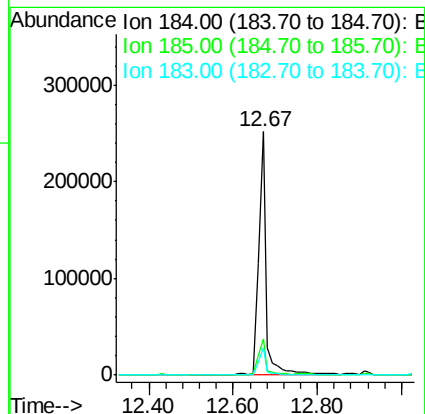
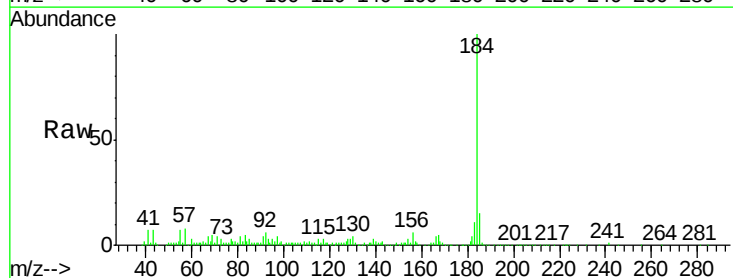
RT: 12.67 min Scan# 926

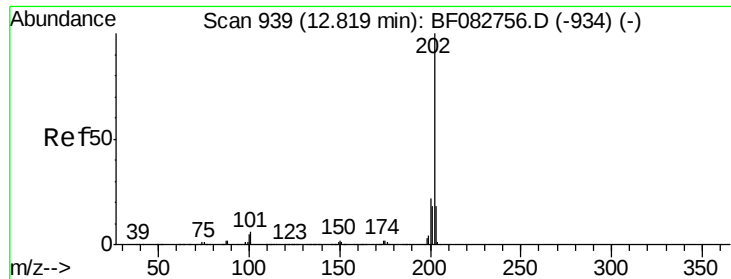
Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	184	Resp:	316465
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.3	9.6	14.4





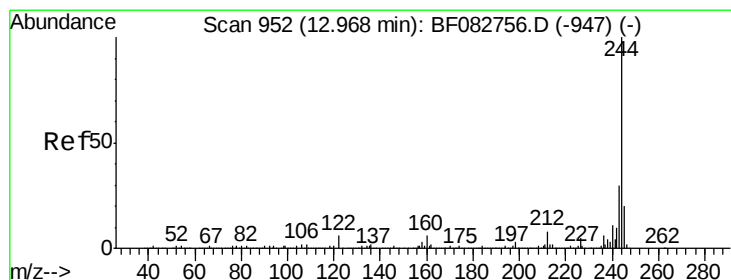
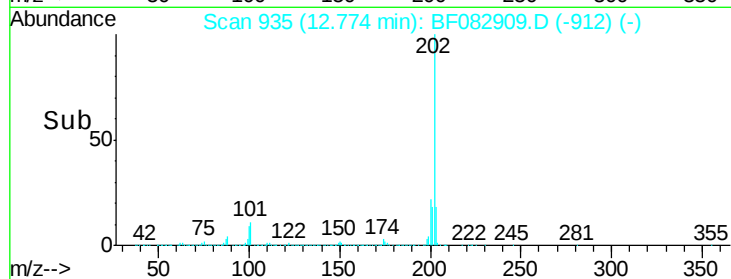
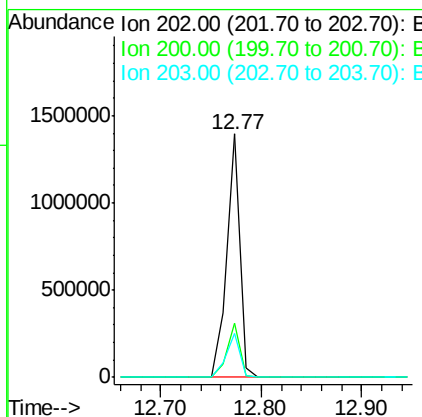
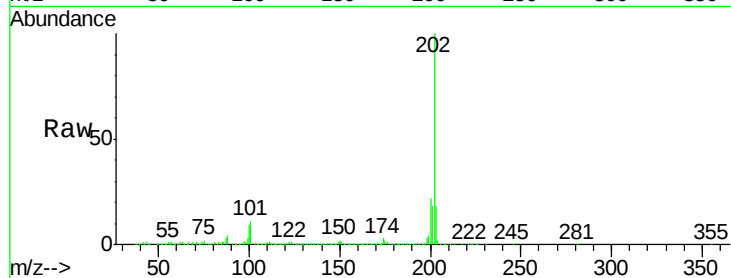
#77
 Pyrene
 Concen: 34.30 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	18.3	14.8	22.2

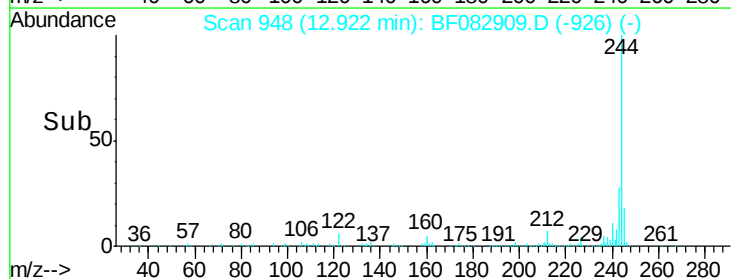
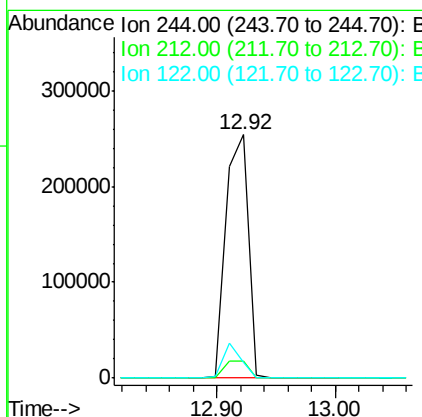
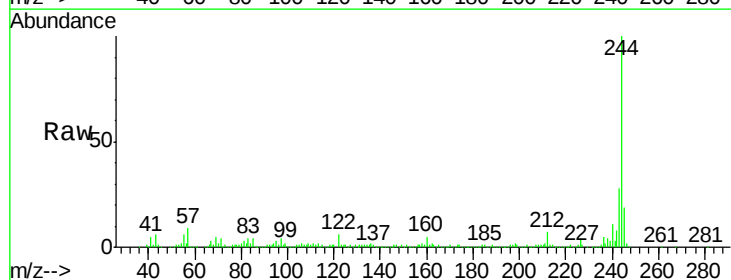
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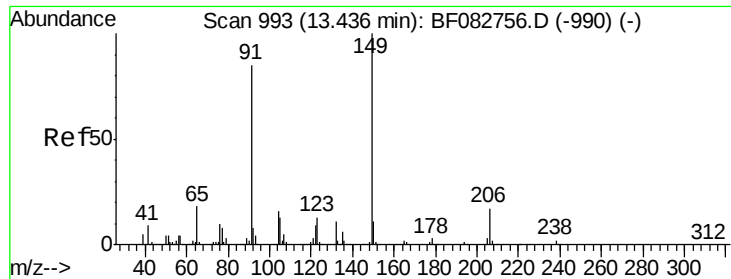
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#78
 Terphenyl-d14
 Concen: 14.72 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.6	11.4#
122	6.3	11.3	16.9#





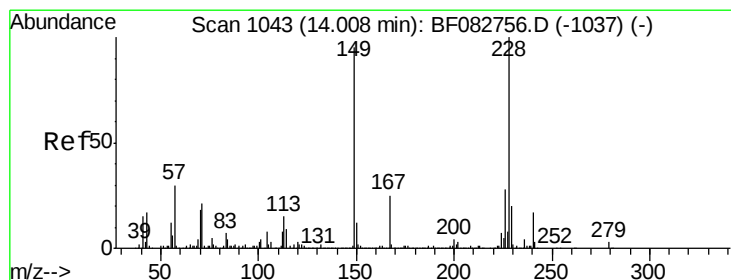
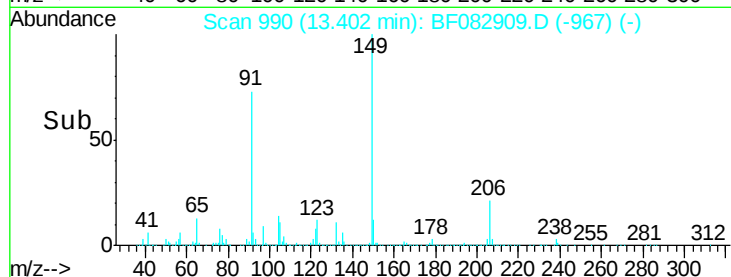
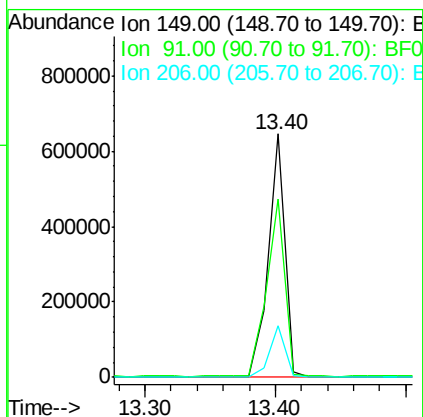
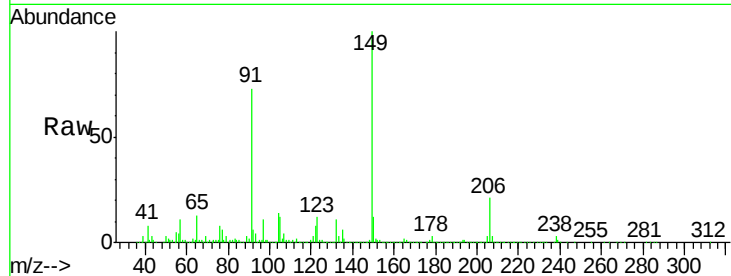
#79
Butylbenzylphthalate
Concen: 35.67 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	67.7	101.5
206	21.1	14.6	22.0

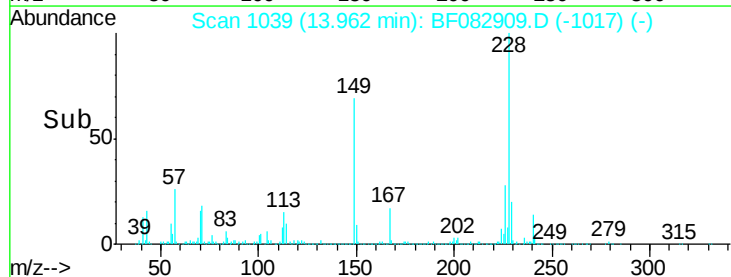
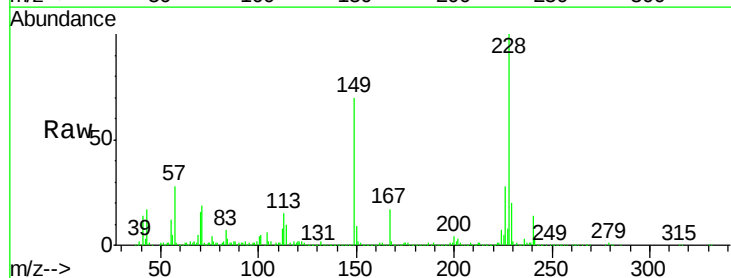
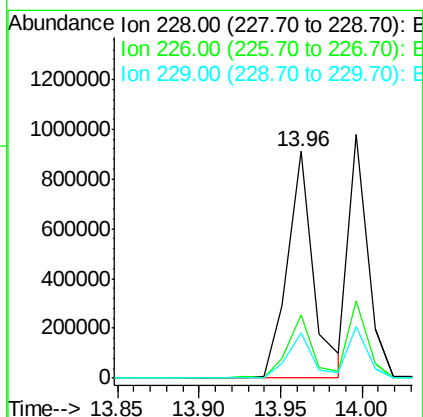
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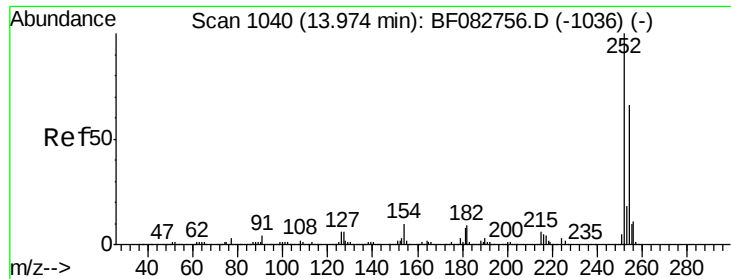
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11/16/2015 12:44:04 PM



#80
Benzo(a)anthracene
Concen: 30.56 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	19.9	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 26.40 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

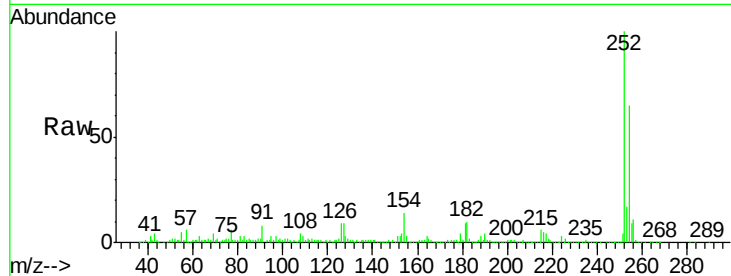
ClientSampleId :

P001-TS003-02MSD

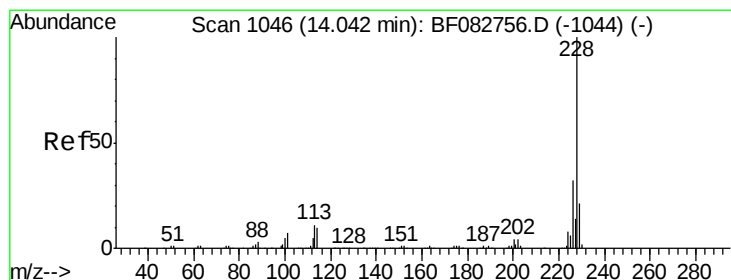
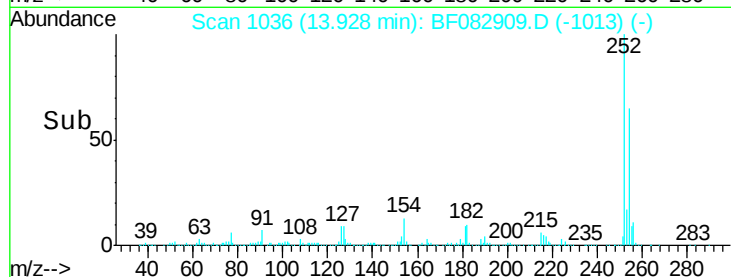
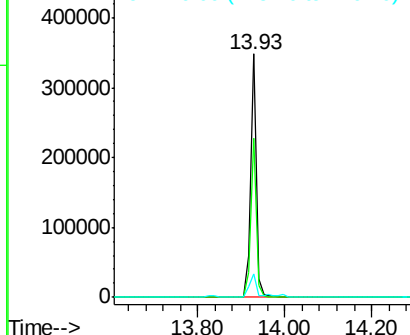
Tgt Ion:	252	Resp:	311969
Ion Ratio		Lower	Upper
252	100		
254	65.3	51.4	77.0
126	9.5	10.7	16.1#

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



#82

Chrysene

Concen: 26.68 ng

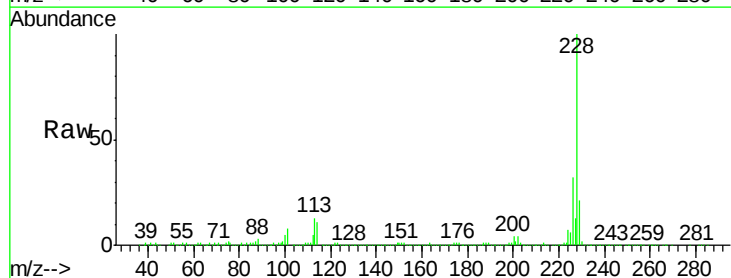
RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

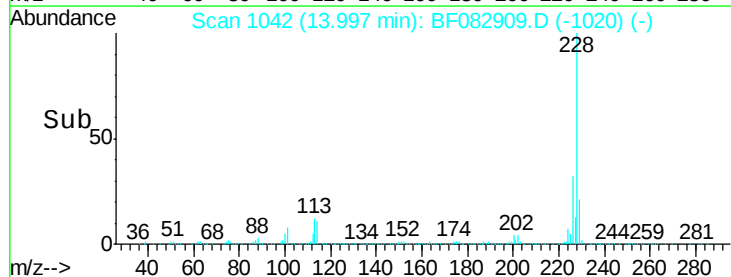
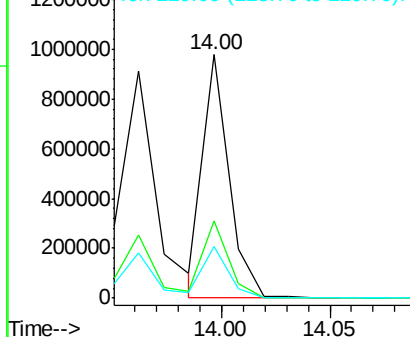
Lab File: BF082909.D

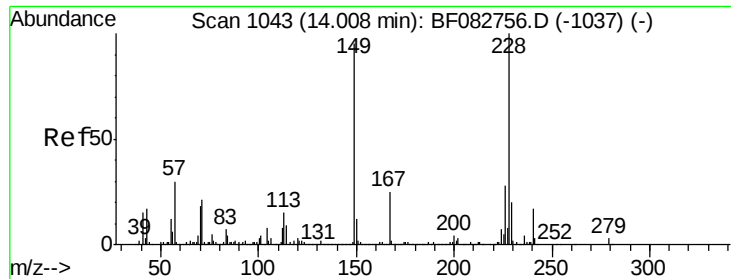
Acq: 13 Nov 2015 20:56

Tgt Ion:	228	Resp:	812385
Ion Ratio		Lower	Upper
228	100		
226	31.6	25.5	38.3
229	21.1	16.3	24.5



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





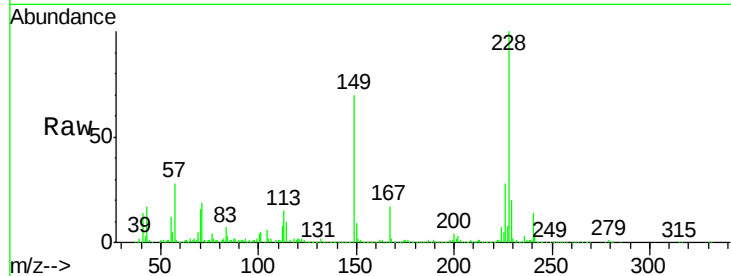
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.12 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

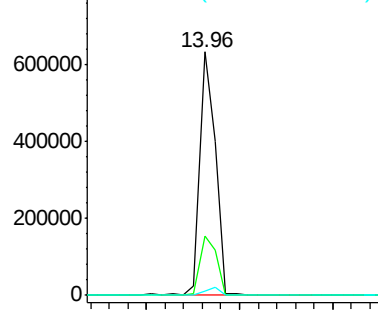
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	21.2	31.8
279	1.9	2.2	3.2

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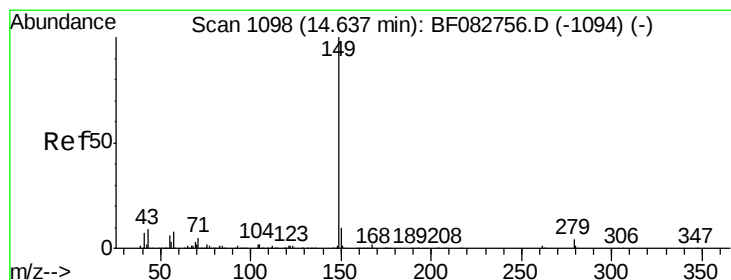
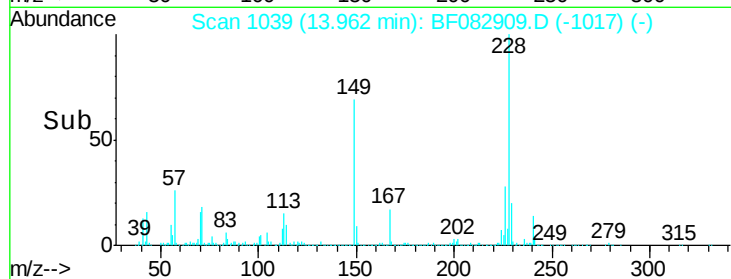
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Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



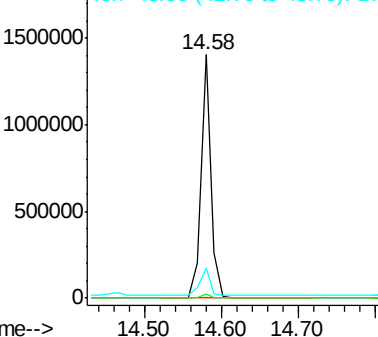
Time-->



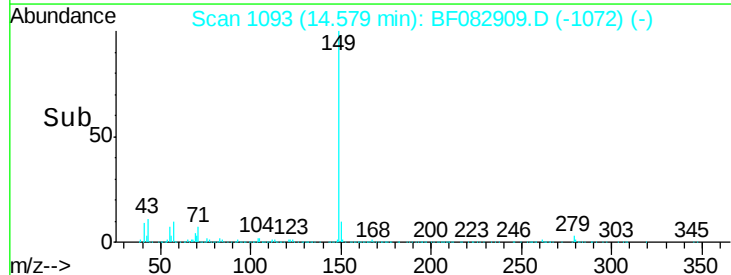
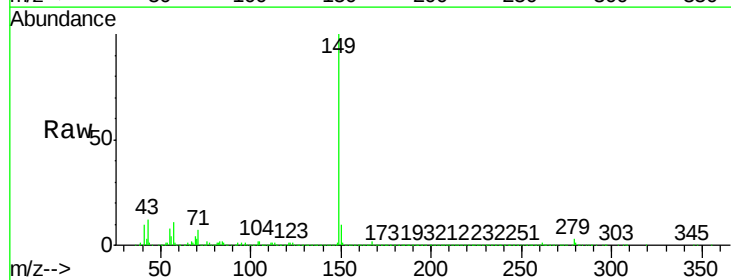
#84
 Di-n-octyl phthalate
 Concen: 34.95 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.06 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

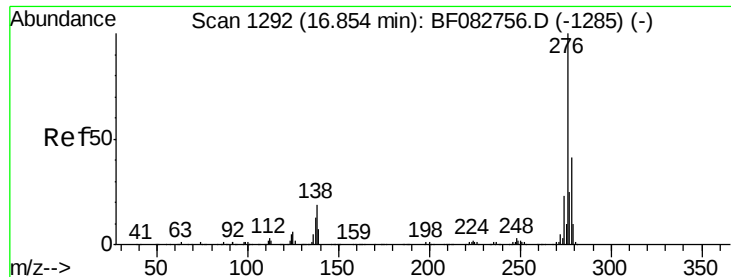
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.0	10.1	15.1

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



Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.95 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:276 Resp: 1021377

Ion Ratio Lower Upper

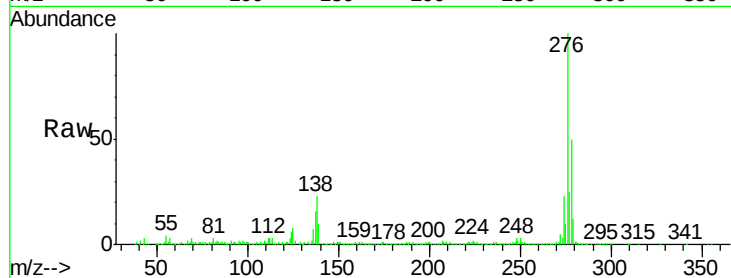
276 100

138 24.1 15.3 22.9#

277 25.0 20.2 30.4

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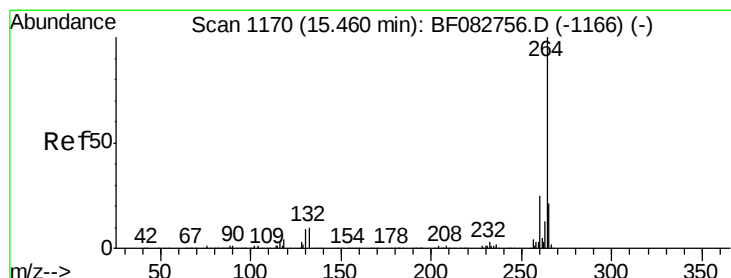
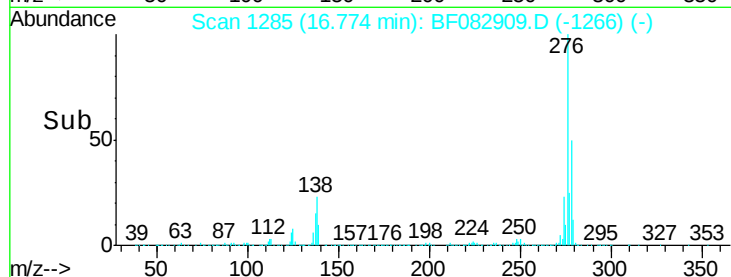
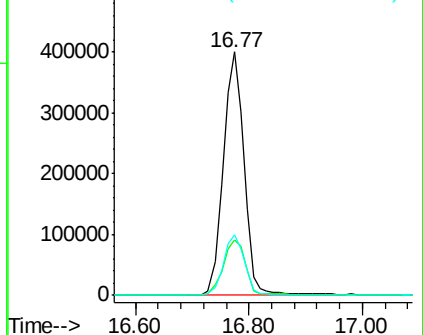
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.07 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

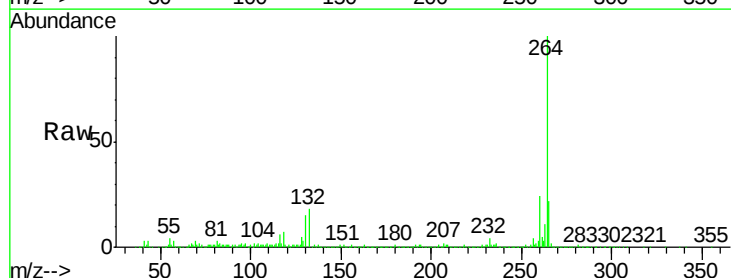
Tgt Ion:264 Resp: 577850

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

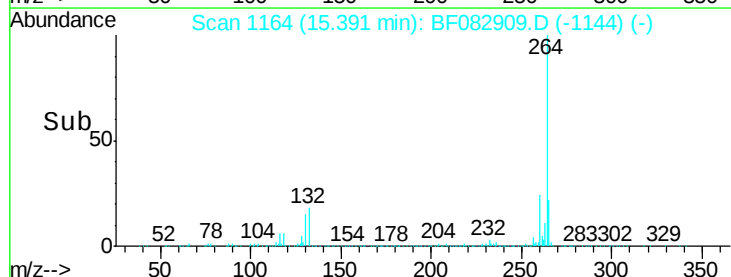
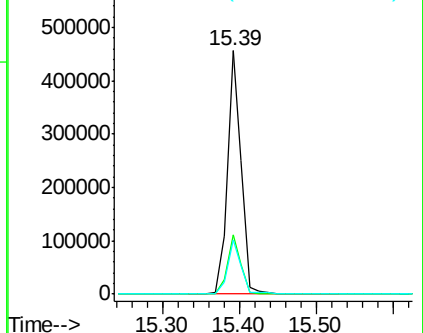
265 22.3 17.4 26.0

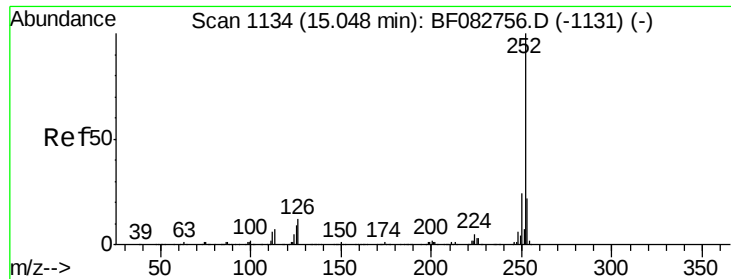


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 26.95 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.06 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

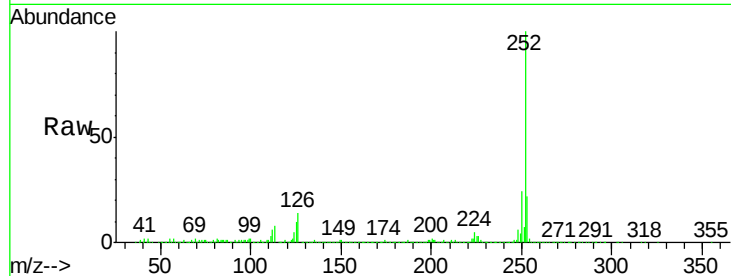
ClientSampleId :

P001-TS003-02MSD

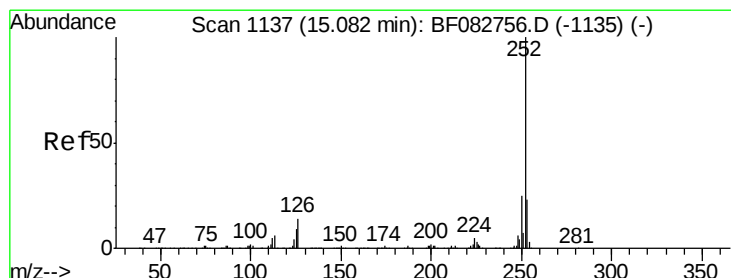
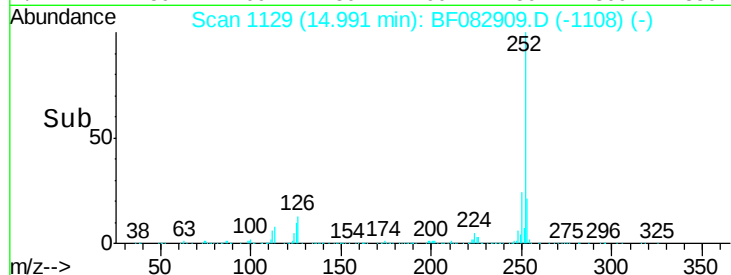
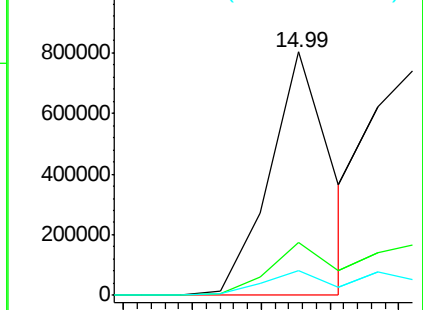
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.1	5.4	8.2#

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



#88

Benzo(k)fluoranthene

Concen: 29.90 ng m

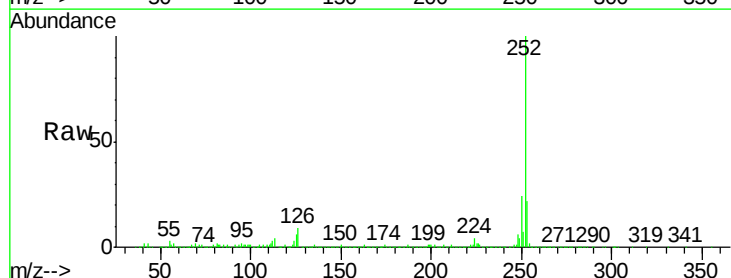
RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

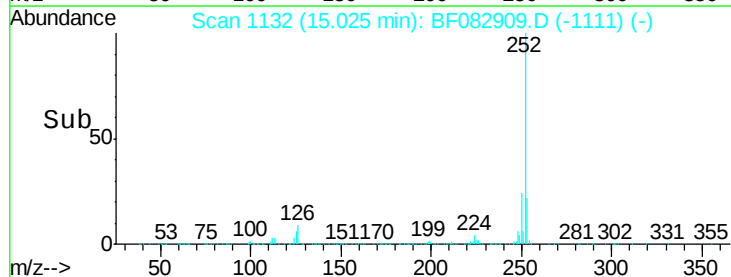
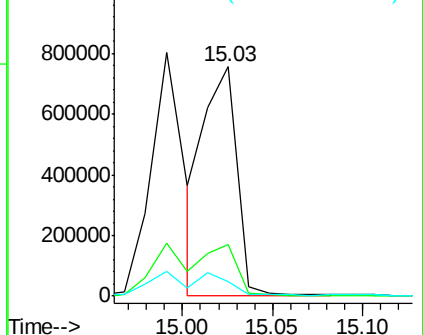
Lab File: BF082909.D

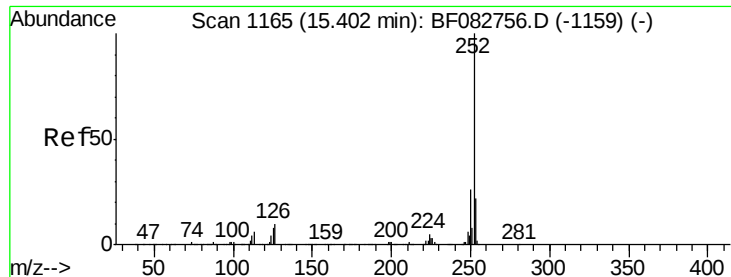
Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	6.2	3.5	5.3#



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





#89

Benzo(a)pyrene

Concen: 29.80 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082909.D

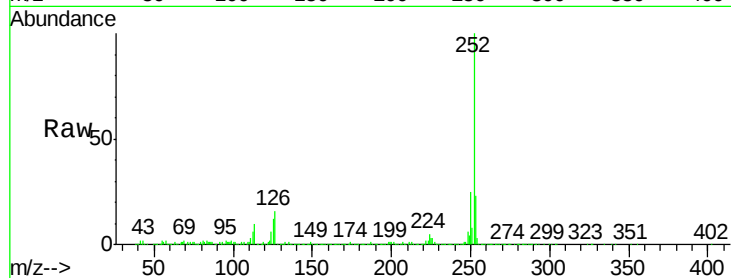
Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD



Tgt Ion: 252 Resp: 957757

Ion Ratio Lower Upper

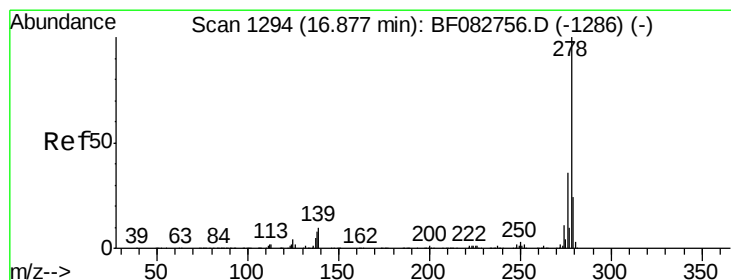
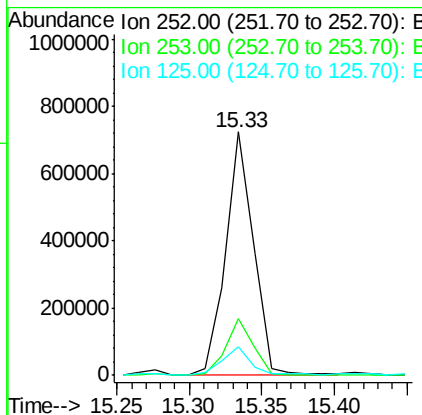
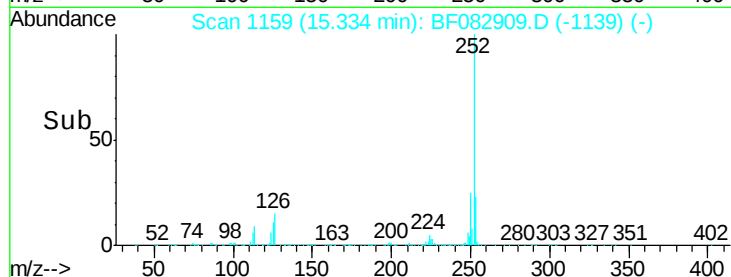
252 100

253 23.1 17.3 25.9

125 12.0 7.1 10.7#

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#90

Dibenzo(a,h)anthracene

Concen: 31.40 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

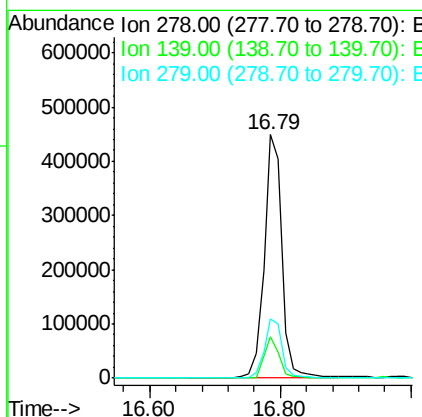
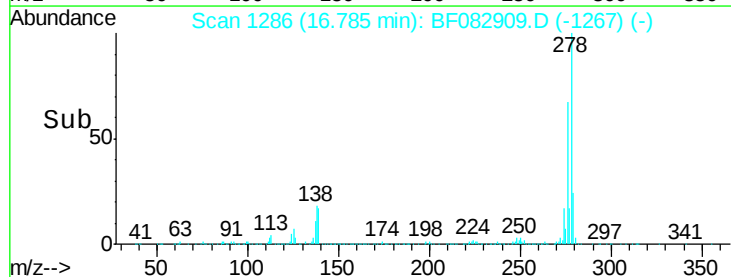
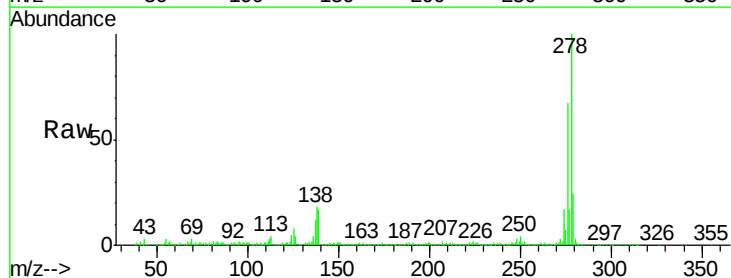
Tgt Ion: 278 Resp: 854392

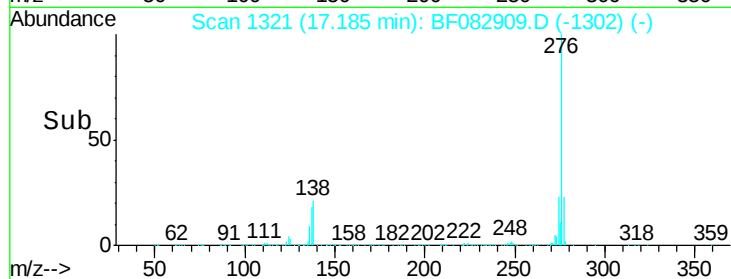
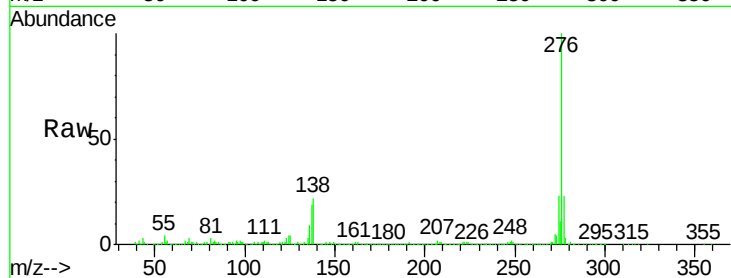
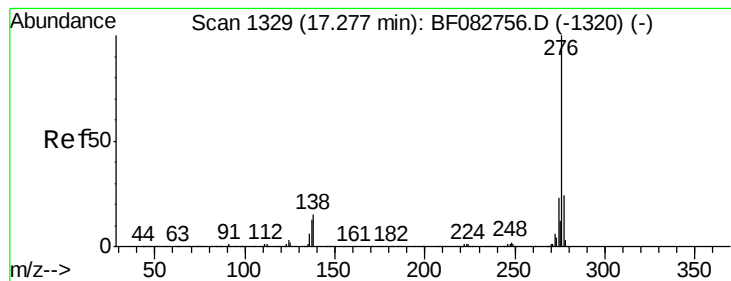
Ion Ratio Lower Upper

278 100

139 16.8 9.9 14.9#

279 24.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 31.18 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.08 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 276 Resp: 812598

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 21.7 13.1 19.7#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:04 PM

