

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087007.D
 Acq On : 14 May 2016 8:58
 Operator : UM/SJ
 Sample : H2989-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Manual Integrations
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 5/16/2016 6:57:17 PM

Quant Time: May 16 01:31:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142154	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	574315	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	124032	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	417393	20.00	ng	0.00
75) Chrysene-d12	13.75	240	127114	20.00	ng	-0.01
86) Perylene-d12	15.11	264	5069	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1115042	132.84	ng	0.03
7) Phenol-d6	6.28	99	884426	78.84	ng	0.00
23) Nitrobenzene-d5	7.19	82	1011739	88.46	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	455317	346.75	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1560662	211.47	ng	0.00
78) Terphenyl-d14	12.71	244	1288256	215.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	215484	52.29	ng	# 72
4) n-Nitrosodimethylamine	2.80	42	201610	27.60	ng	# 51
6) Aniline	6.36	93	451712	33.29	ng	# 53
8) 2-Chlorophenol	6.41	128	429047	42.36	ng	93
9) Benzaldehyde	6.17	77	35257	5.43	ng	97
10) Phenol	6.30	94	380506	28.54	ng	# 69
11) bis(2-Chloroethyl)ether	6.36	93	451712	43.45	ng	91
12) 1,3-Dichlorobenzene	6.55	146	421756m	38.48	ng	
13) 1,4-Dichlorobenzene	6.63	146	431326m	38.59	ng	
14) 1,2-Dichlorobenzene	6.79	146	421295	43.24	ng	98
15) Benzyl Alcohol	6.76	79	29730	3.84	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.90	45	913964	40.43	ng	83
17) 2-Methylphenol	6.90	107	235387	29.21	ng	# 70
18) Hexachloroethane	7.12	117	169774	40.37	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	252598	32.22	ng	# 78
20) 3+4-Methylphenols	7.06	107	317366	30.15	ng	# 61
22) Acetophenone	7.04	105	664366	48.97	ng	# 96
24) Nitrobenzene	7.21	77	569168	48.37	ng	96
25) Isophorone	7.45	82	848746	40.00	ng	98
26) 2-Nitrophenol	7.53	139	237943	46.01	ng	97
27) 2,4-Dimethylphenol	7.59	122	269778	30.62	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	77315	6.75	ng	98
29) 2,4-Dichlorophenol	7.78	162	370277	47.75	ng	95
30) 1,2,4-Trichlorobenzene	7.85	180	384250	44.32	ng	99
31) Naphthalene	7.92	128	1233525	42.88	ng	99
32) Benzoic acid	7.74	122	263844	50.99	ng	# 82
33) 4-Chloroaniline	7.92	127	165822	14.84	ng	# 34
34) Hexachlorobutadiene	8.04	225	228027	45.33	ng	98
35) Caprolactam	8.38	113	62537	23.70	ng	# 67
36) 4-Chloro-3-methylphenol	8.49	107	331199	35.22	ng	93
37) 2-Methylnaphthalene	8.62	142	870349	51.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	345773	95.88	ng	97
40) Hexachlorocyclopentadiene	8.76	237	310332	181.30	ng	97
42) 2,4,6-Trichlorophenol	8.90	196	241946	100.33	ng	94

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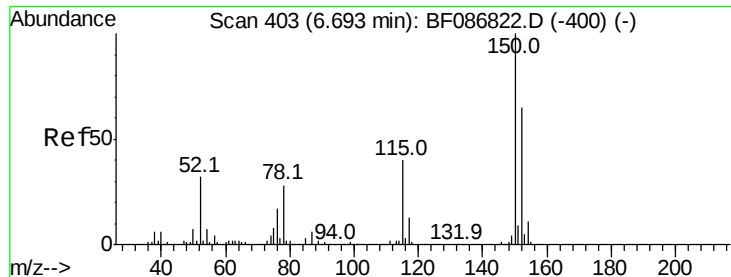
Manual Integrations
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Quant Time: May 16 01:31:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	266196	106.74	nq	95
45) 1,1'-Biphenyl	9.08	154	1086369	110.12	nq	100
46) 2-Chloronaphthalene	9.11	162	789765	102.18	nq	98
47) 2-Nitroaniline	9.21	65	77405	27.40	nq	# 77
48) Acenaphthylene	9.51	152	318142	27.98	nq	99
49) Dimethylphthalate	9.39	163	754136	79.69	nq	100
50) 2,6-Dinitrotoluene	9.45	165	192491	96.66	nq	# 66
51) Acenaphthene	9.68	154	400634	56.65	nq	98
52) 3-Nitroaniline	9.63	138	13716	6.54	nq	# 79
53) 2,4-Dinitrophenol	9.74	184	224778	207.33	nq	# 83
54) Dibenzofuran	9.86	168	1042267	114.81	nq	100
55) 4-Nitrophenol	9.82	139	184404m	128.95	nq	
56) 2,4-Dinitrotoluene	9.86	165	278271	112.91	nq	92
57) Fluorene	10.19	166	688504	88.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	219908	117.13	nq	98
59) Diethylphthalate	10.09	149	710634	77.06	nq	96
60) 4-Chlorophenyl-phenylether	10.19	204	370611	Below	Cal	96
61) 4-Nitroaniline	10.24	138	28436	14.12	nq	# 77
62) Azobenzene	10.35	77	176503	17.74	nq	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	153560	59.22	nq	# 64
65) n-Nitrosodiphenylamine	10.32	169	88997	6.94	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	238356	56.32	nq	# 78
67) Hexachlorobenzene	10.74	284	279702	56.55	nq	# 79
68) Atrazine	10.95	200	60005	14.01	nq	# 36
69) Pentachlorophenol	10.95	266	297419	130.12	nq	97
70) Phenanthrene	11.15	178	1179377	52.95	nq	100
71) Anthracene	11.20	178	824136	36.18	nq	98
73) Di-n-butylphthalate	11.70	149	940930	39.35	nq	# 99
74) Fluoranthene	12.33	202	735701	32.11	nq	96
77) Pyrene	12.56	202	387186	39.79	nq	99
79) Butylbenzylphthalate	13.19	149	60251	14.64	nq	# 85
80) Benzo(a)anthracene	13.74	228	391729	54.90	nq	99
82) Chrysene	13.78	228	554726	76.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	477000	96.34	nq	# 95
84) Di-n-octyl phthalate	14.35	149	652000	79.49	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.35	276	147387	24.40	nq	97
87) Benzo(b)fluoranthene	14.74	252	319627m	970.22	nq	
88) Benzo(k)fluoranthene	14.77	252	174281m	646.09	nq	
89) Benzo(a)pyrene	15.05	252	141893	499.36	nq	96
90) Dibenzo(a,h)anthracene	16.37	278	257812	1076.54	nq	# 94
91) Benzo(g,h,i)perylene	16.72	276	179701	738.50	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087007.D

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Instrument :

BNA_F

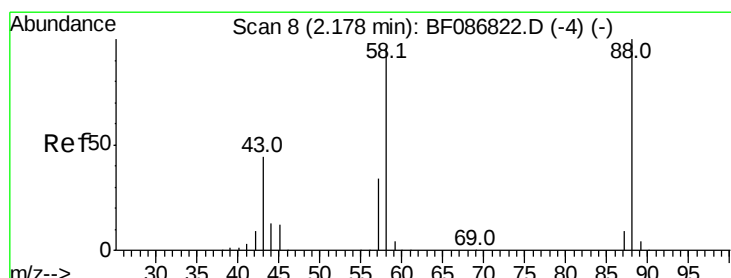
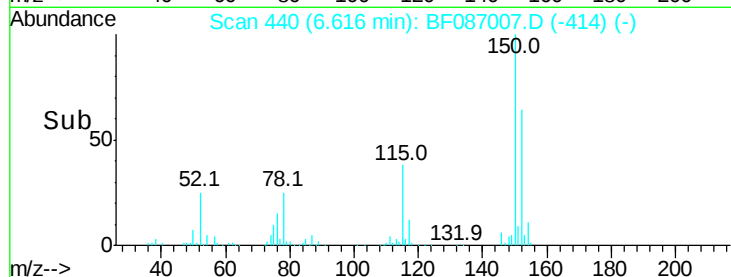
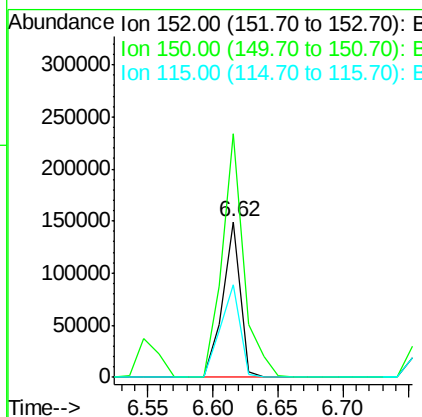
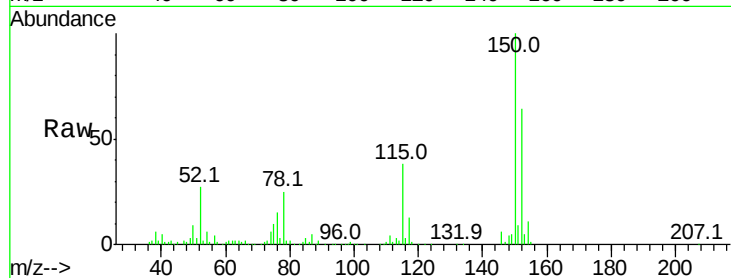
ClientSampleId :

WC-2MSD

Tot Ion:	152	Resp:	142154
Ion Ratio	Lower	Upper	
152	100		
150	156.6	125.8	188.6
115	59.3	51.5	77.3

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#2

1,4-Dioxane

Concen: 52.29 ng

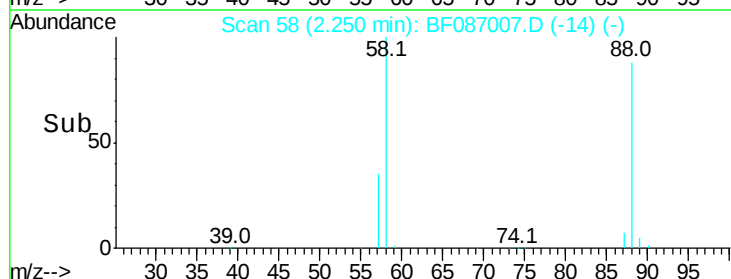
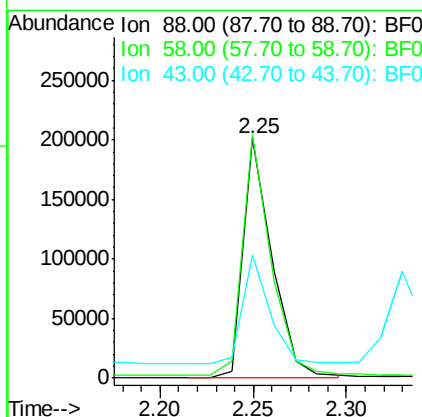
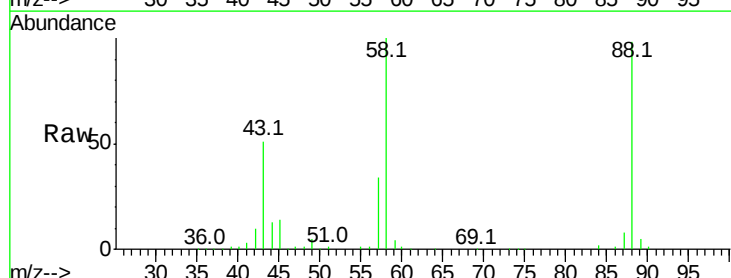
RT: 2.25 min Scan# 58

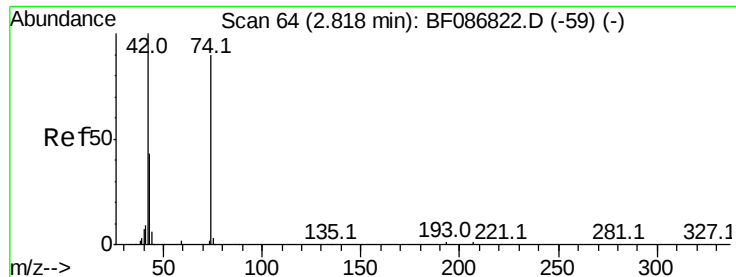
Delta R.T. 0.21 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	88	Resp:	215484
Ion Ratio	Lower	Upper	
88	100		
58	98.3	59.6	89.4#
43	42.6	21.8	32.6#





#4

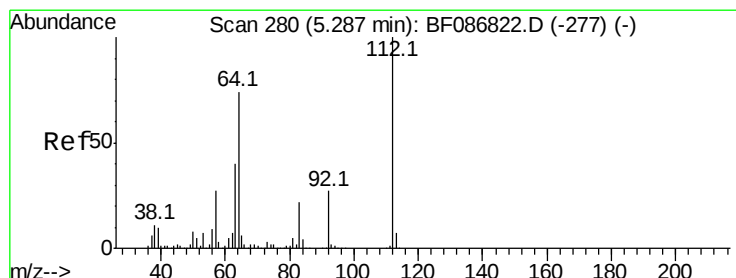
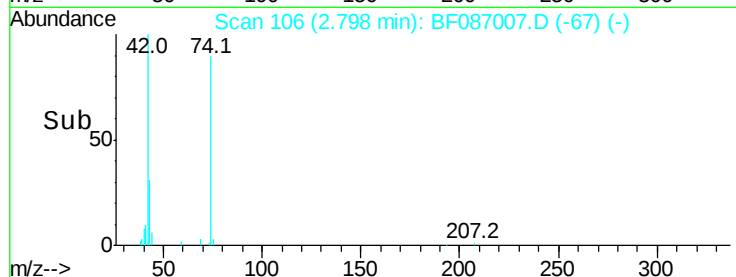
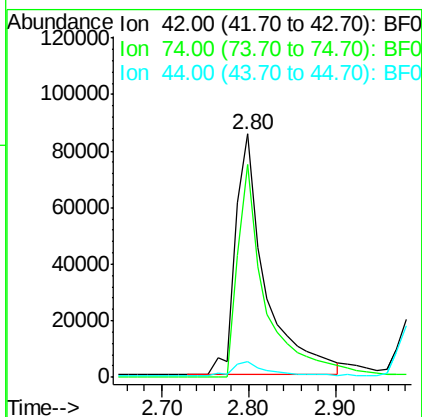
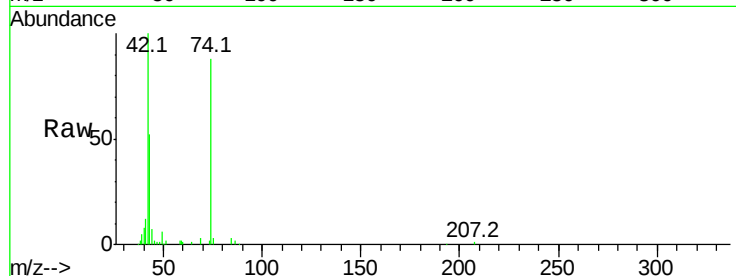
n-Nitrosodimethylamine
 Concen: 27.60 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.15 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

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 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
42	100	201610		
74	87.6	123.4	185.0#	
44	6.7	5.8	8.6	

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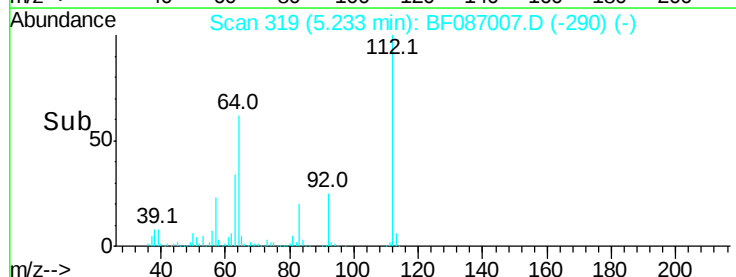
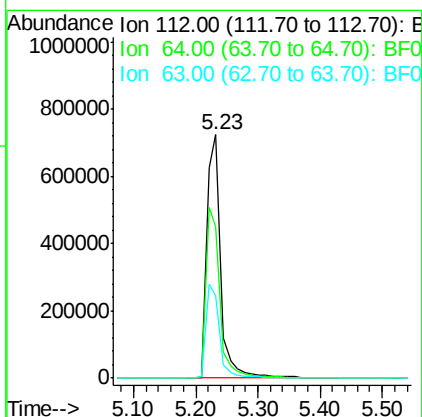
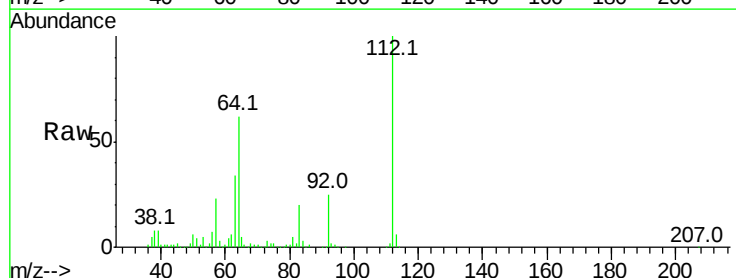
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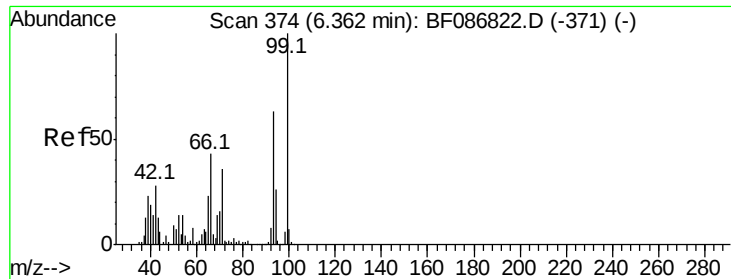


#5

2-Fluorophenol
 Concen: 132.84 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.03 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1115042		
64	62.2	52.1	78.1	
63	33.6	25.7	38.5	





#6

Aniline

Concen: 33.29 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.08 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

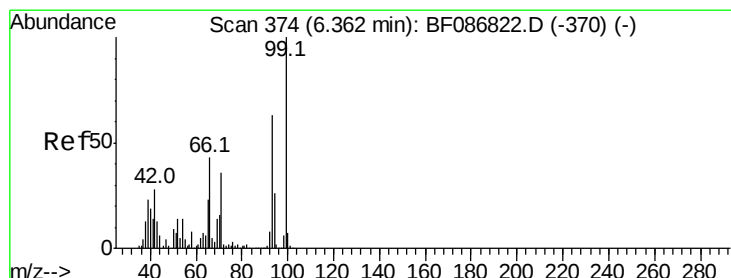
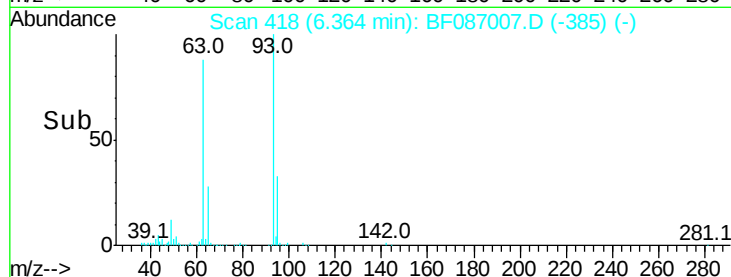
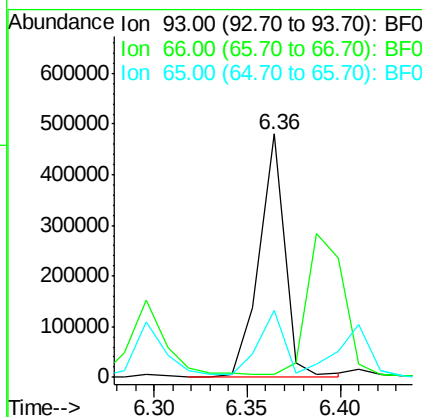
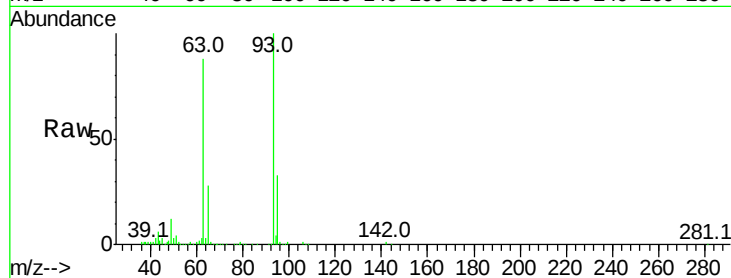
ClientSampleId :

WC-2MSD

Tot Ion:	93	Resp:	451712
Ion Ratio	Lower	Upper	
93	100		
66	1.2	39.0	58.6#
65	27.7	20.6	31.0

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#7

Phenol-d6

Concen: 78.84 ng

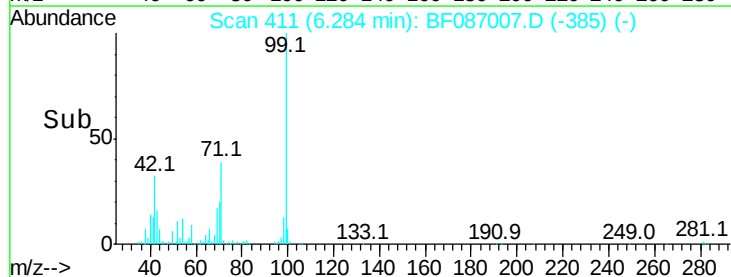
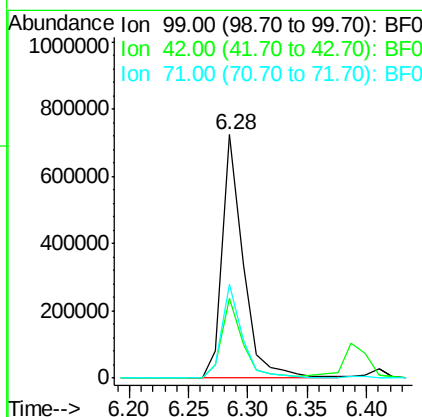
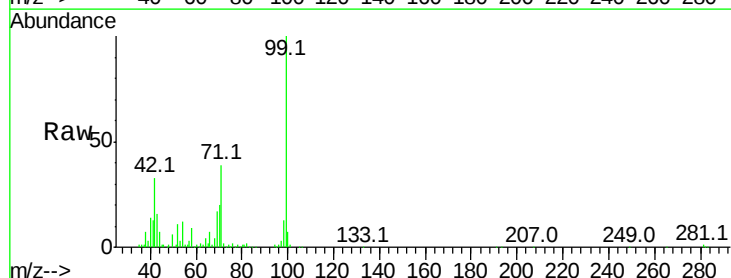
RT: 6.28 min Scan# 411

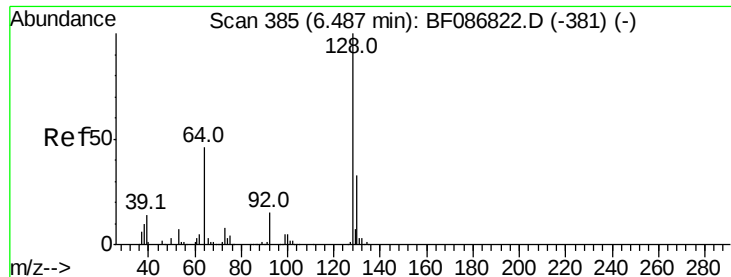
Delta R.T. 0.00 min

Lab File: BF087007.D

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Tgt Ion:	99	Resp:	884426
Ion Ratio	Lower	Upper	
99	100		
42	32.6	13.6	20.4#
71	38.5	24.6	36.8#





#8

2-Chlorophenol

Concen: 42.36 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

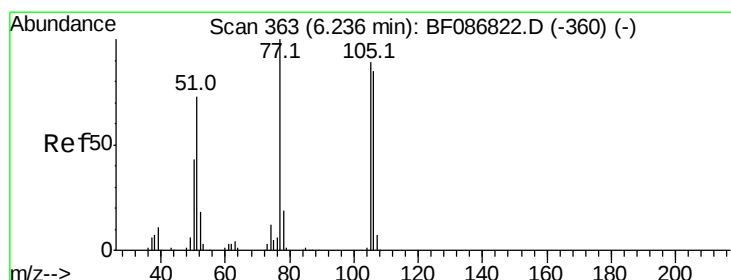
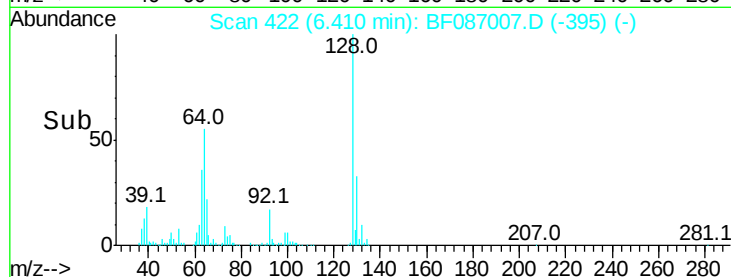
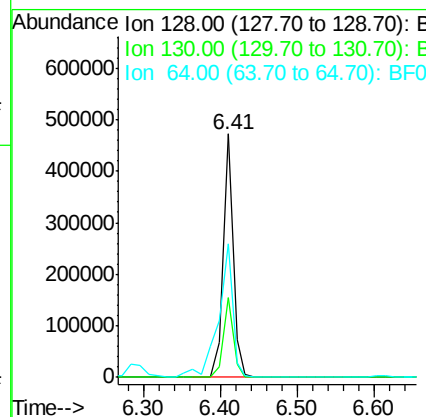
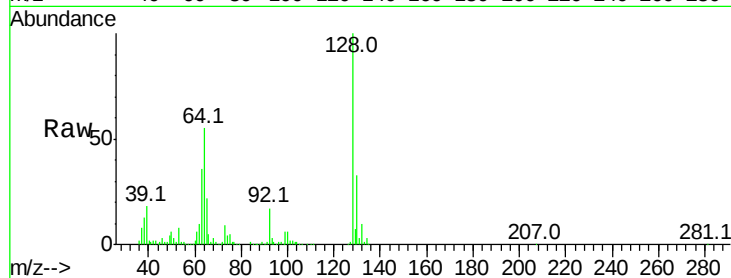
ClientSampleId :

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Tot Ion:	128	Resp:	429047
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	54.6	27.3	67.3

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#9

Benzaldehyde

Concen: 5.43 ng

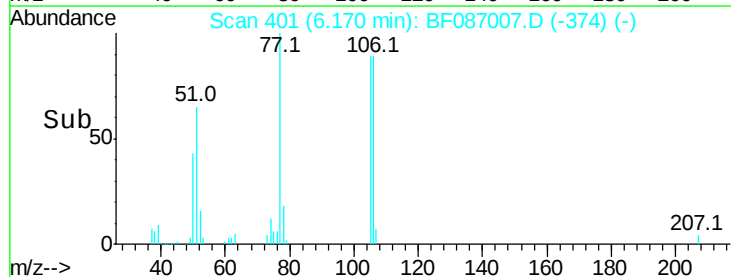
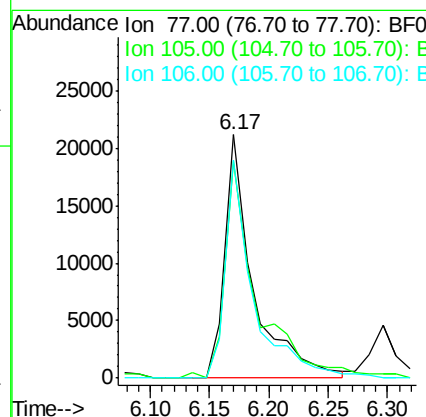
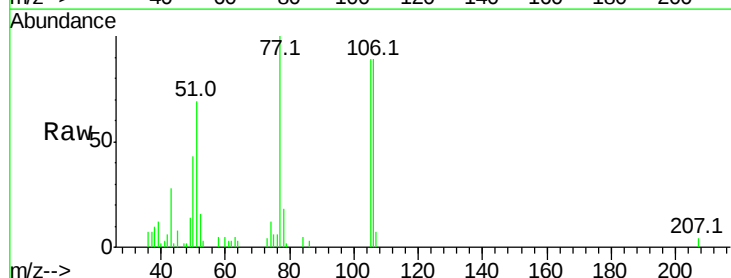
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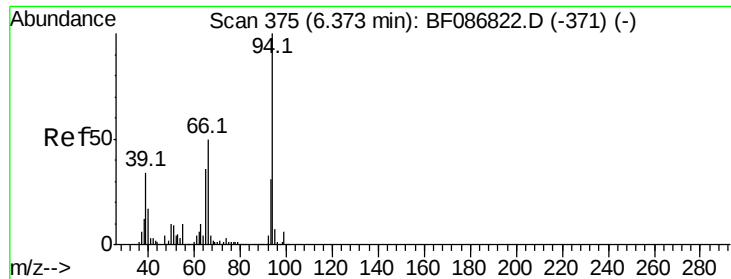
Delta R.T. 0.01 min

Lab File: BF087007.D

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Tgt Ion:	77	Resp:	35257
Ion Ratio	Lower	Upper	
77	100		
105	89.3	72.7	112.7
106	89.5	70.8	110.8





#10

Phenol

Concen: 28.54 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

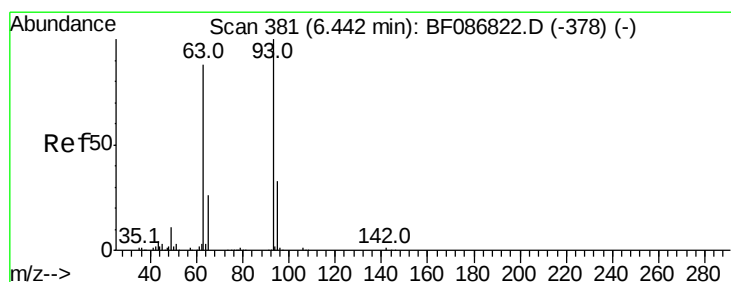
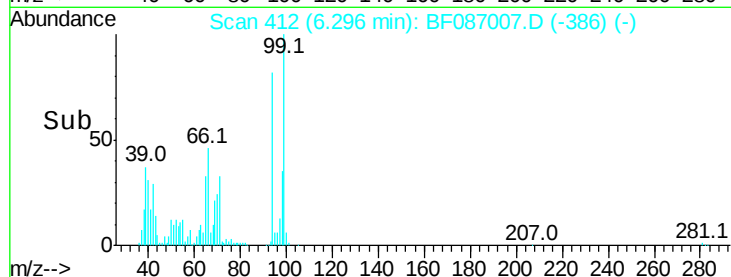
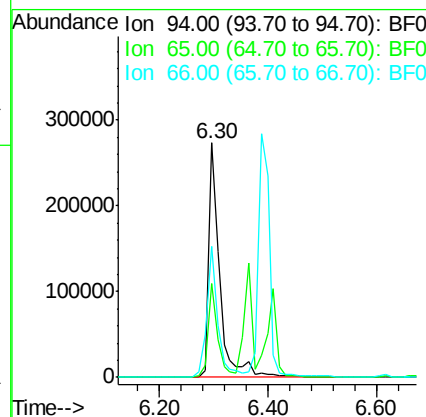
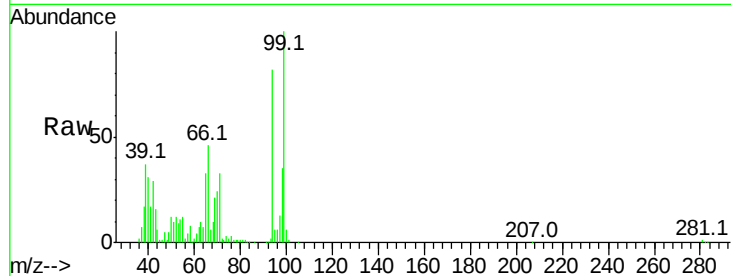
ClientSampleId :

WC-2MSD

Tot Ion:	94	Resp:	380506
Ion Ratio	Lower	Upper	
94	100		
65	39.9	7.2	47.2
66	56.2	14.9	54.9#

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#11

bis(2-Chloroethyl)ether

Concen: 43.45 ng

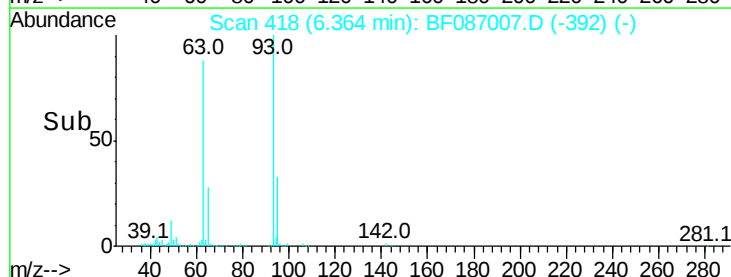
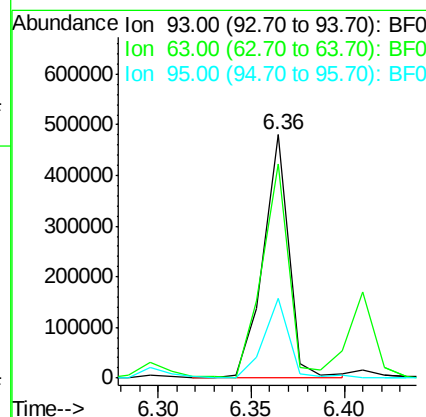
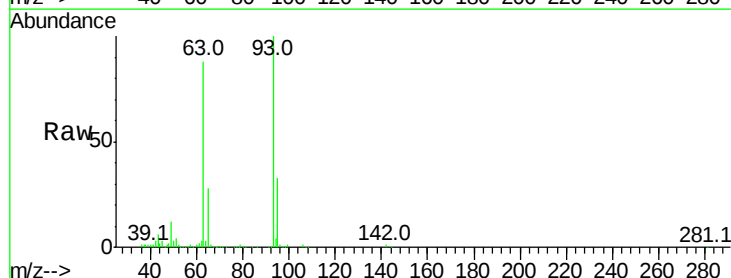
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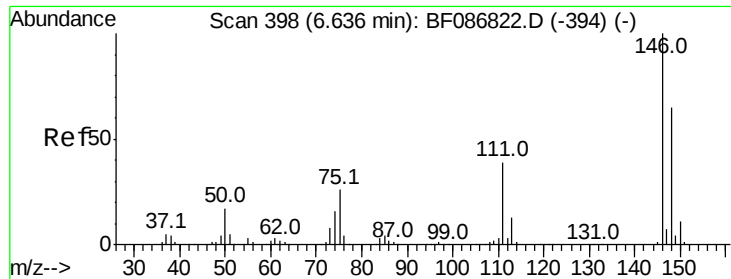
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	451712
Ion Ratio	Lower	Upper	
93	100		
63	88.2	58.0	98.0
95	32.8	11.9	51.9





#12

1,3-Dichlorobenzene

Concen: 38.48 ng m

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

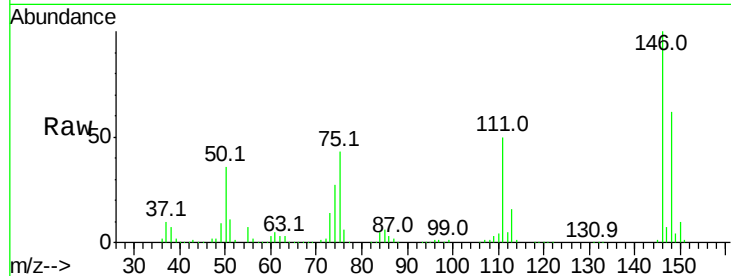
ClientSampleId :

WC-2MSD

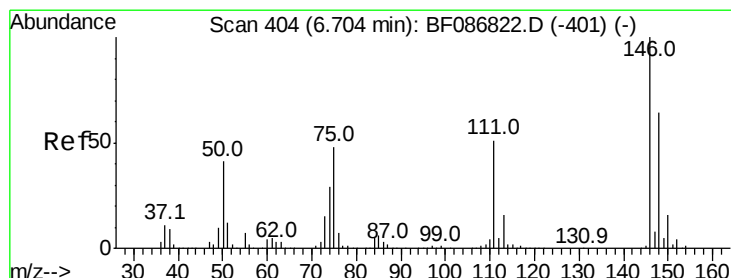
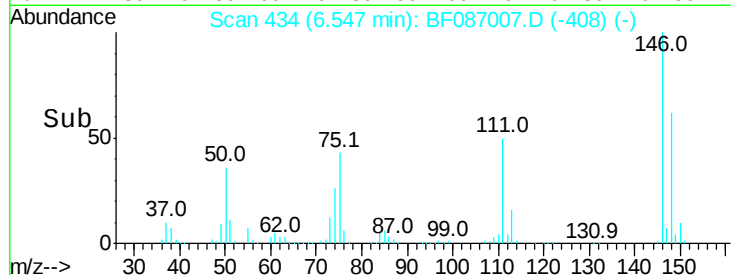
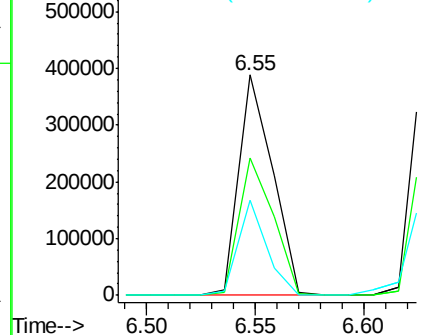
Tot Ion:	146	Resp:	421756
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.4	78.6
75	43.3	22.8	34.2#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 38.59 ng m

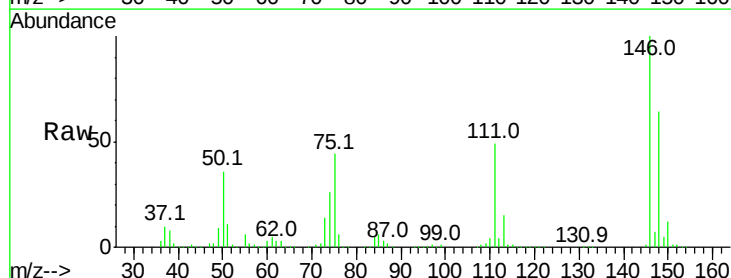
RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

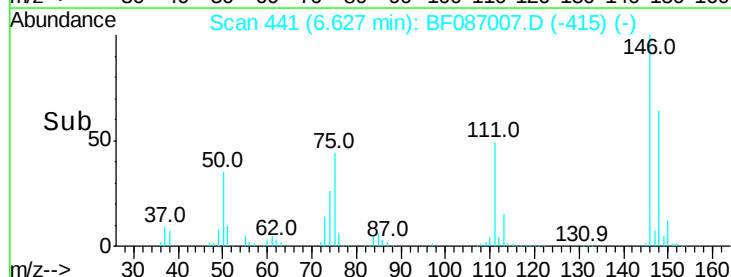
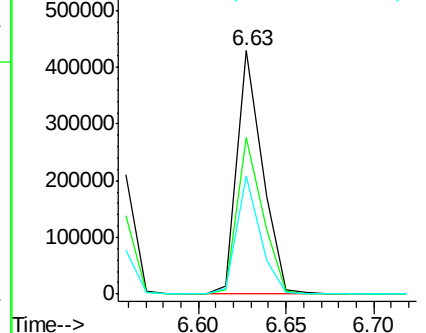
Lab File: BF087007.D

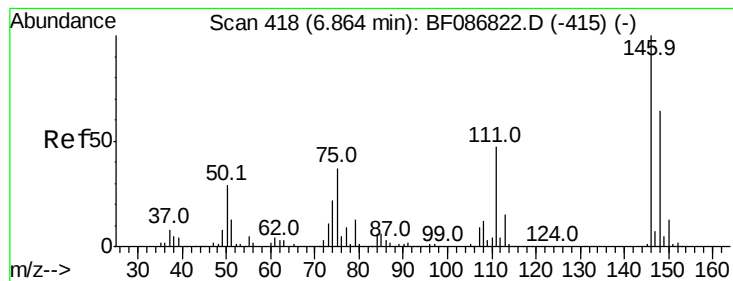
Acq: 14 May 2016 8:58

Tgt Ion:	146	Resp:	431326
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.4
111	48.6	30.7	46.1#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





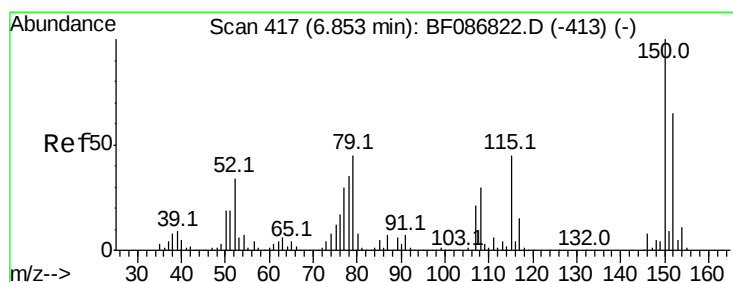
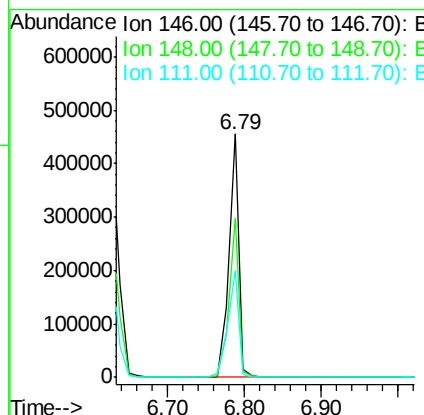
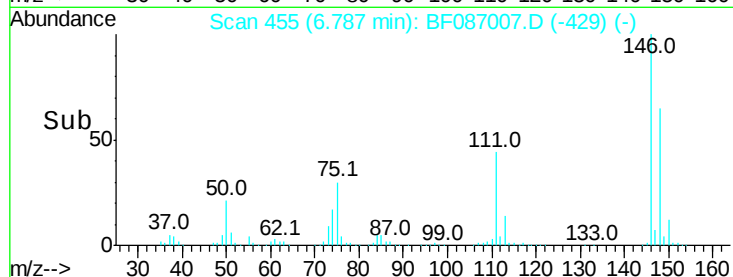
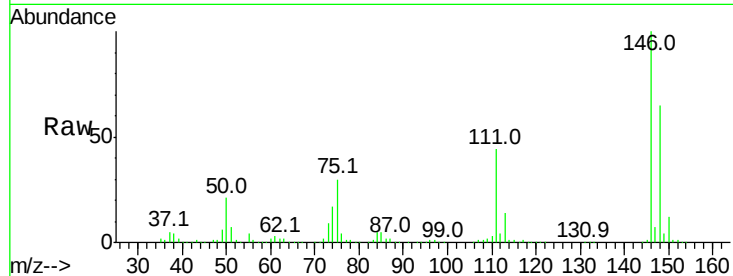
#14
1,2-Dichlorobenzene
Concen: 43.24 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	421295		
148	65.2		51.0	76.6
111	43.6		36.2	54.4

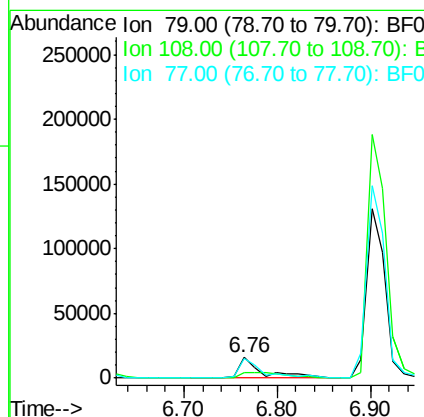
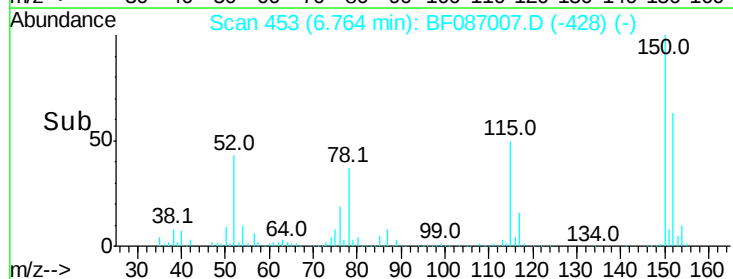
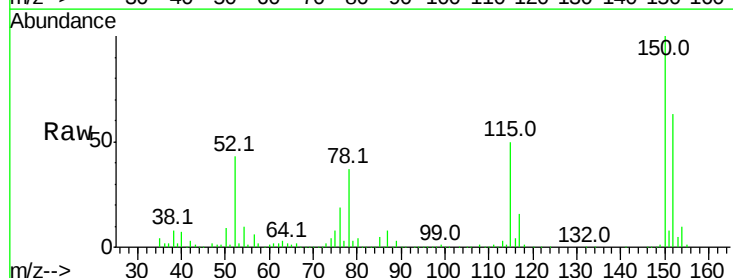
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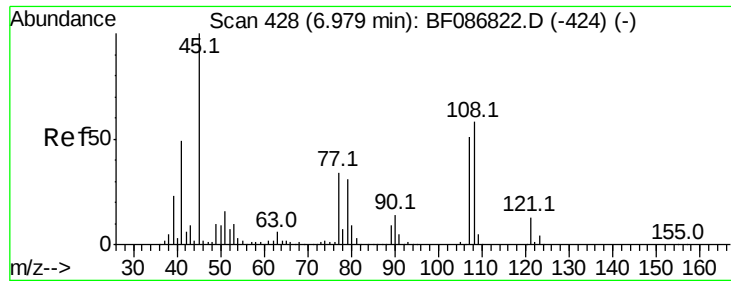
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#15
Benzyl Alcohol
Concen: 3.84 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	29730		
108	28.1		68.4	102.6#
77	98.2		50.6	76.0#





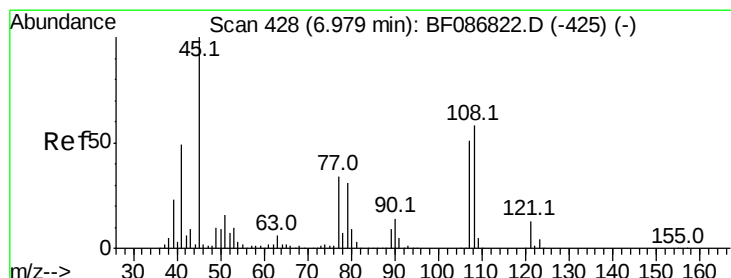
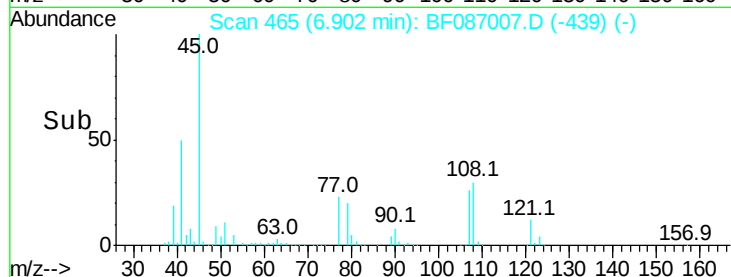
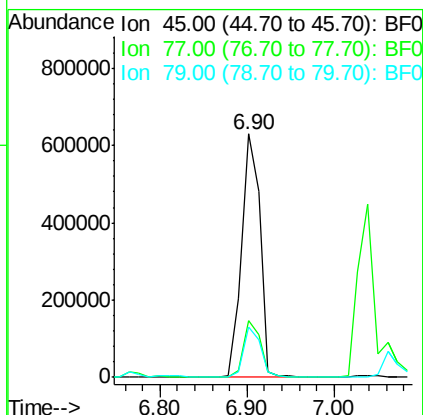
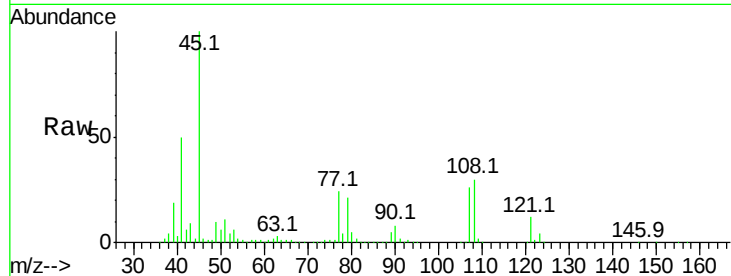
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.43 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	23.5	0.0	36.4	
79	20.8	0.0	33.4	

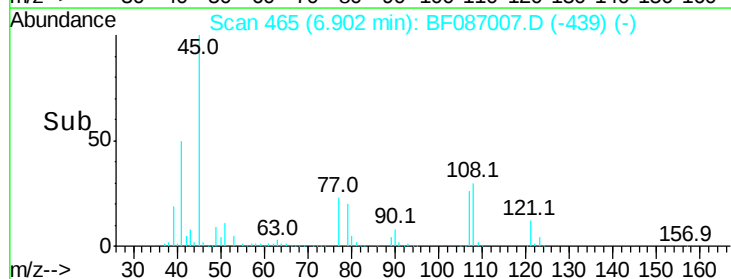
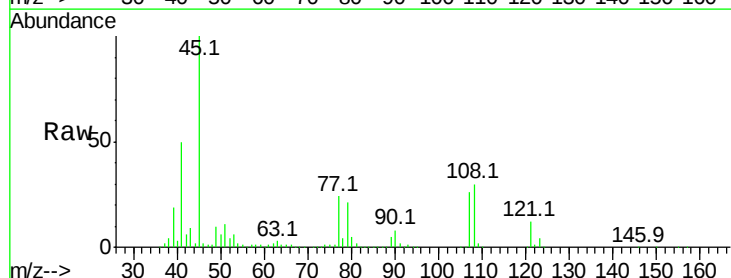
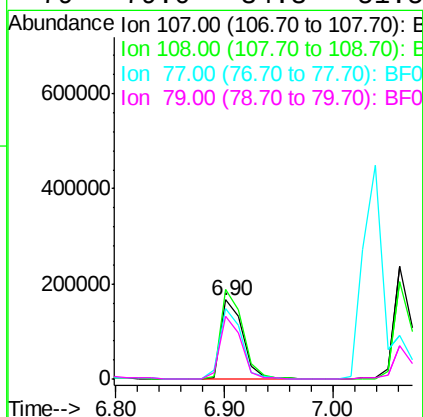
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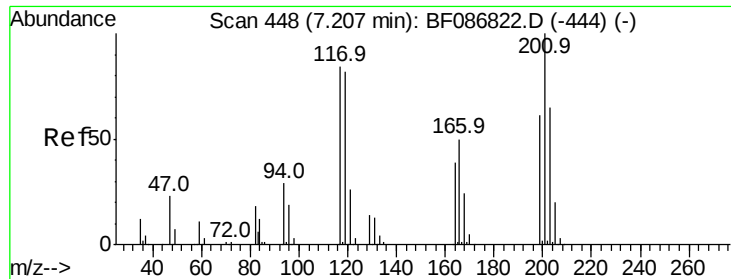
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#17
2-Methylphenol
Concen: 29.21 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.7	140.5	
77	89.5	33.4	50.0#	
79	79.0	34.3	51.5#	





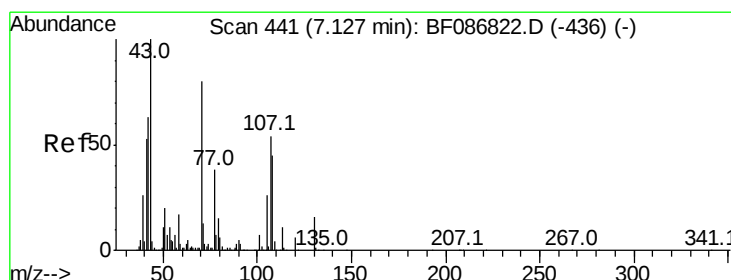
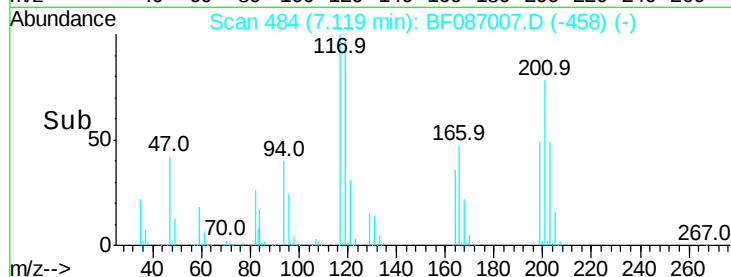
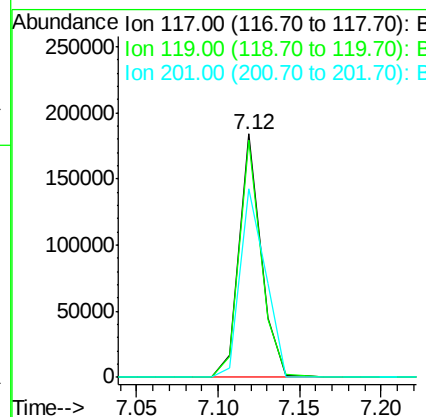
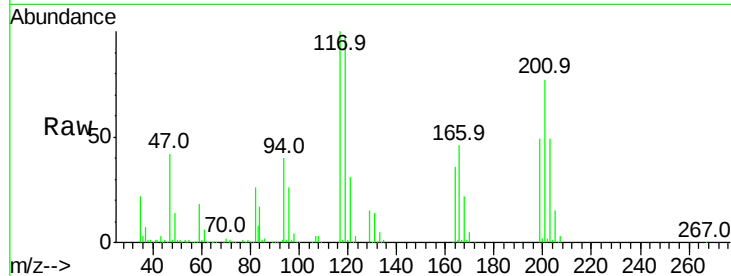
#18
Hexachloroethane
Concen: 40.37 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampled :
WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	169774		
119	97.2	76.5	114.7	
201	77.4	63.0	94.6	

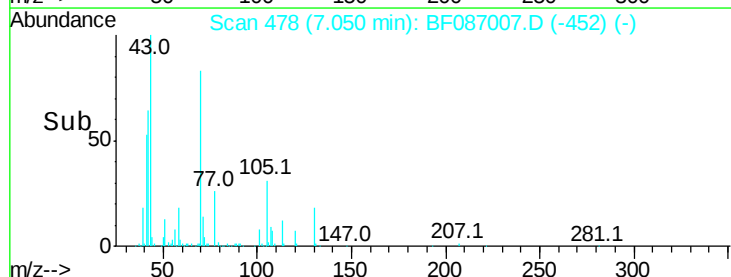
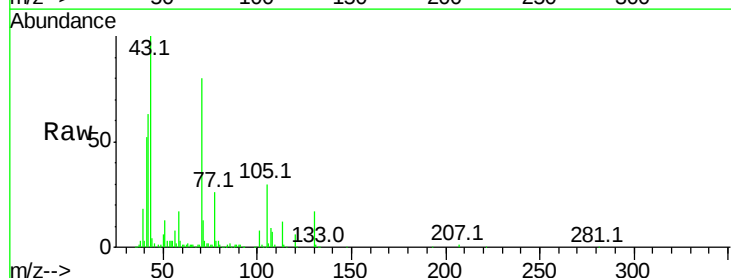
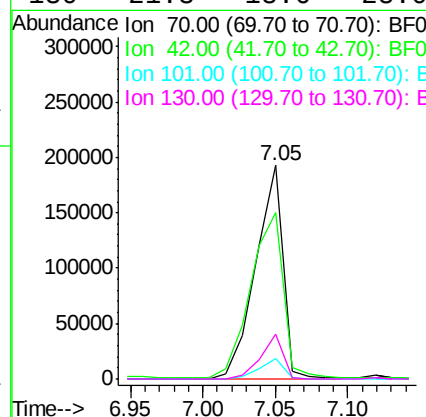
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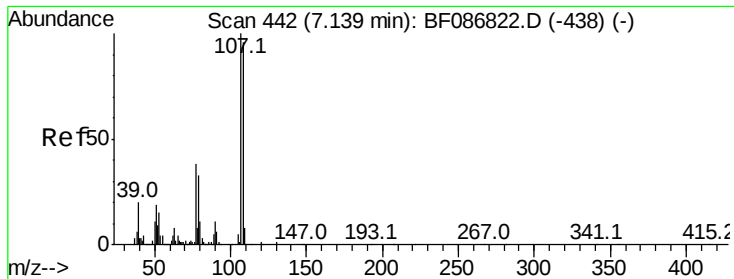
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#19
n-Nitroso-di-n-propylamine
Concen: 32.22 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	252598		
42	78.2	43.1	64.7#	
101	9.5	8.1	12.1	
130	21.3	18.6	28.0	





#20

3+4-Methylphenols

Concen: 30.15 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF087007.D

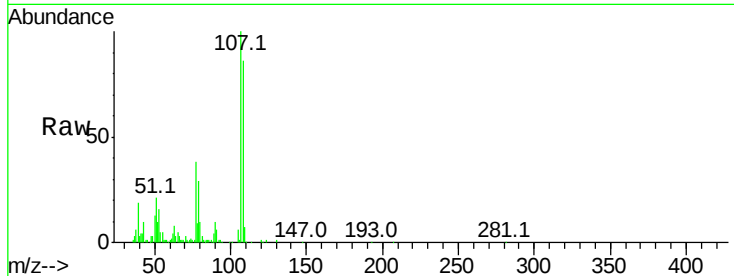
Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

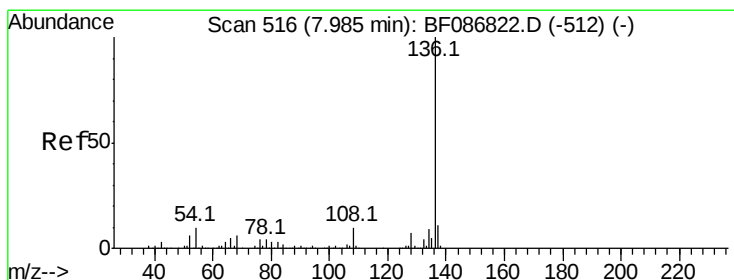
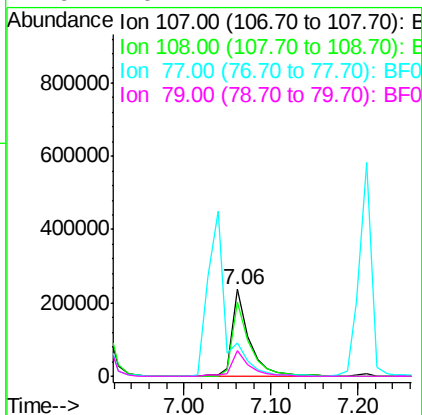
WC-2MSD



Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	86.2	68.5	108.5	
77	38.3	101.6	141.6#	
79	29.2	7.4	47.4	

Manual Integrations
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#21

Naphthalene-d8

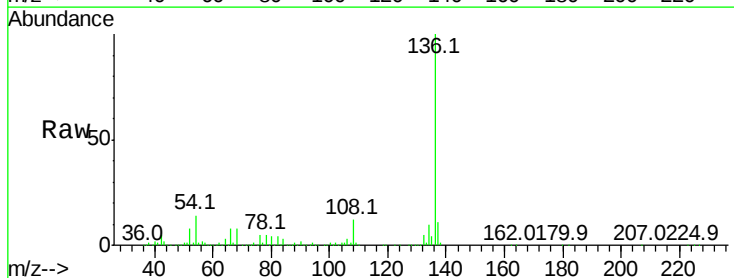
Concen: 20.00 ng

RT: 7.90 min Scan# 552

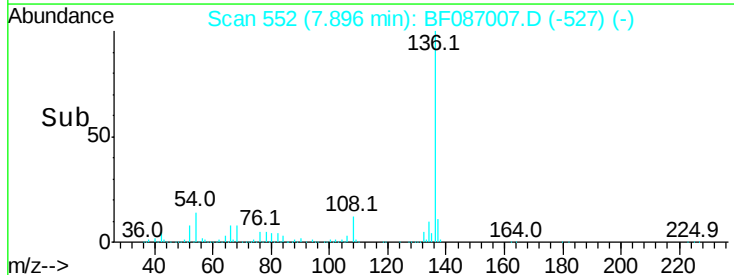
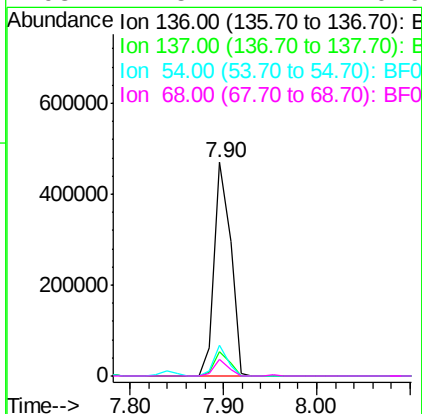
Delta R.T. -0.01 min

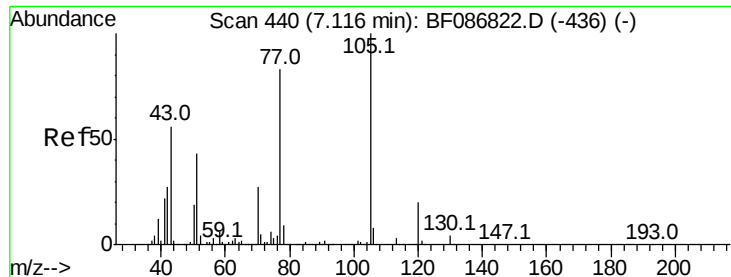
Lab File: BF087007.D

Acq: 14 May 2016 8:58



Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	14.5	5.0	7.4#	
68	7.5	4.4	6.6#	





#22

Acetophenone

Concen: 48.97 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

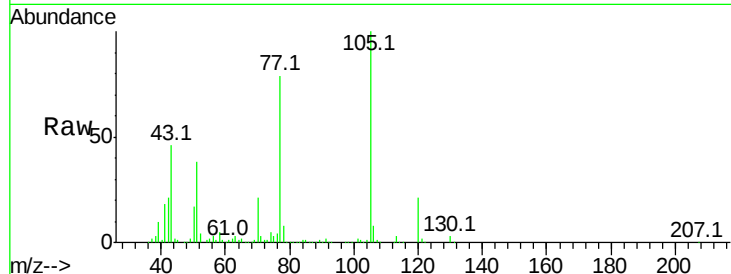
ClientSampleId :

WC-2MSD

Tot Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.8	7.2#
51	38.1	32.6	49.0
120	21.2	16.5	24.7

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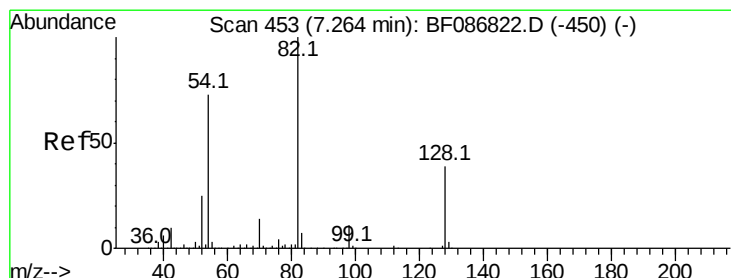
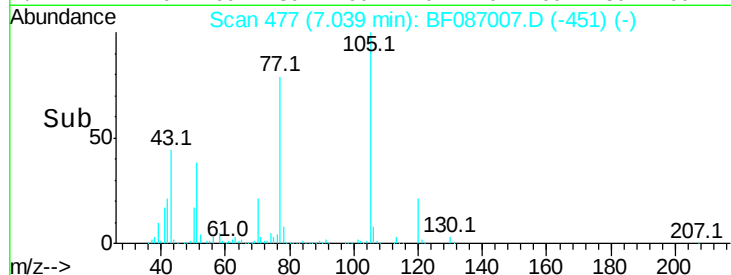
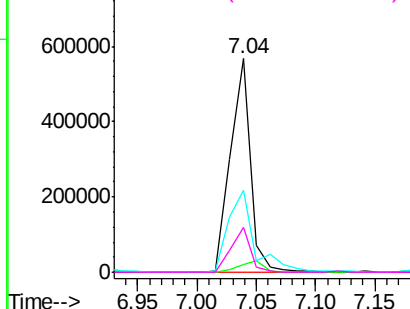


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.46 ng

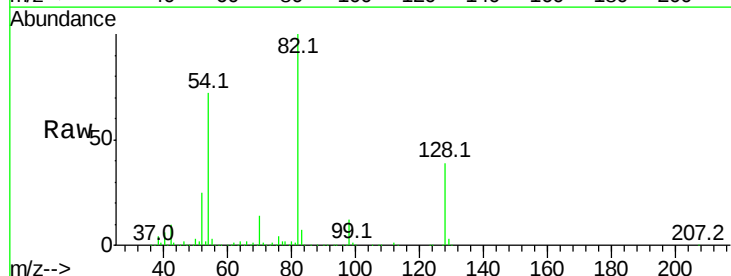
RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

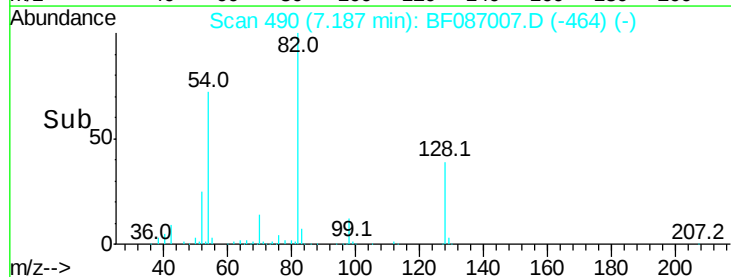
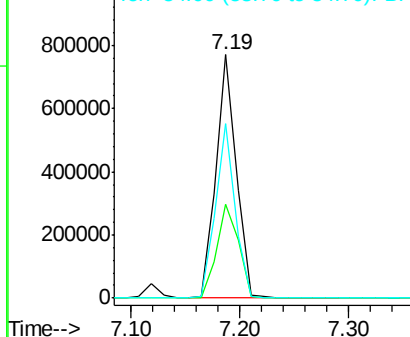
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	71.8	38.1	57.1#

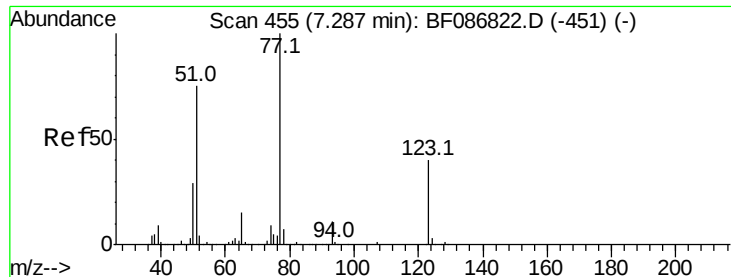


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





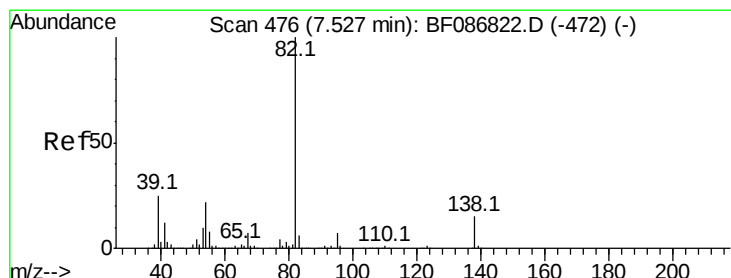
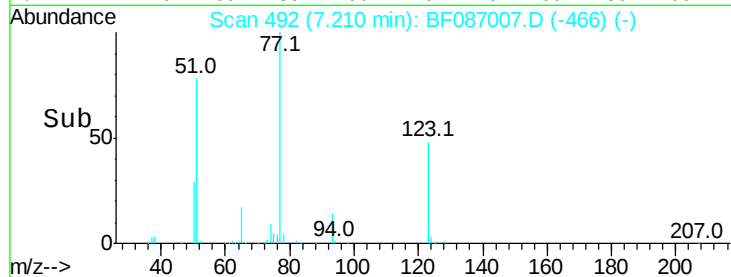
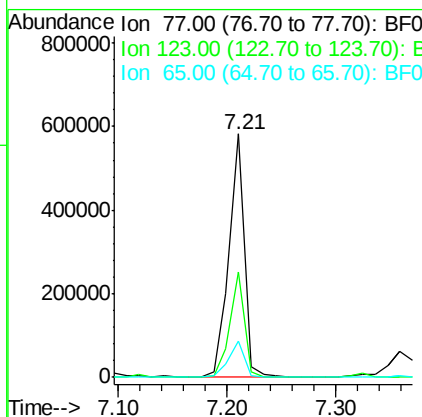
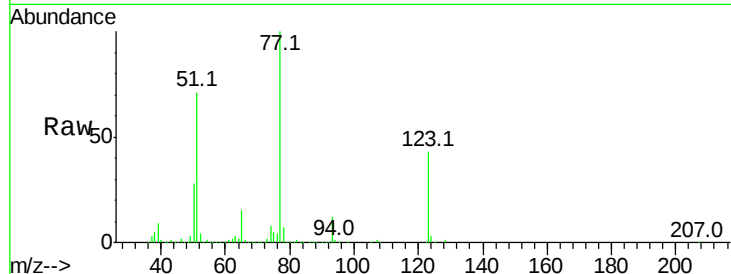
#24
Nitrobenzene
Concen: 48.37 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
77	100		
123	43.3	33.0	49.4
65	15.1	10.8	16.2

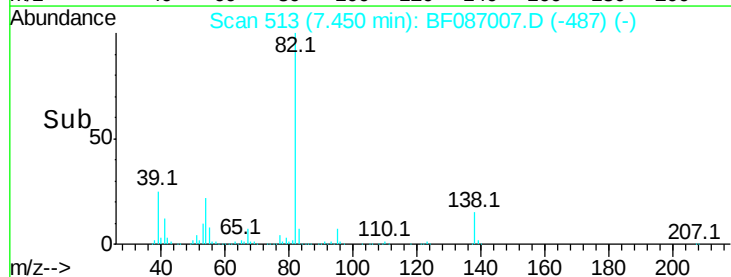
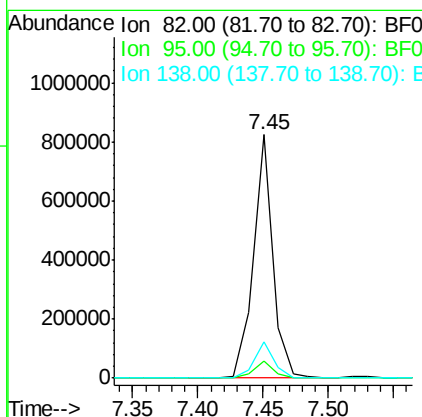
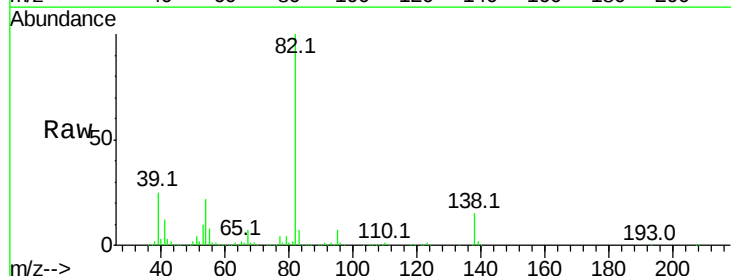
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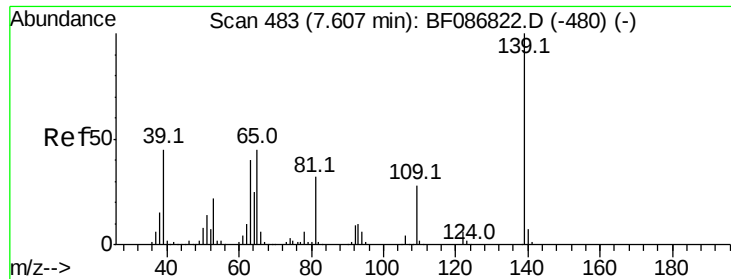
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#25
Isophorone
Concen: 40.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	7.1	5.1	7.7
138	14.7	12.4	18.6





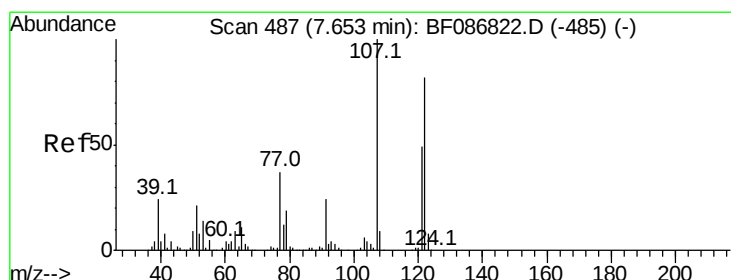
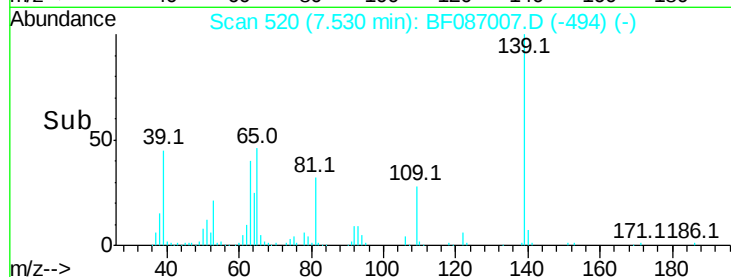
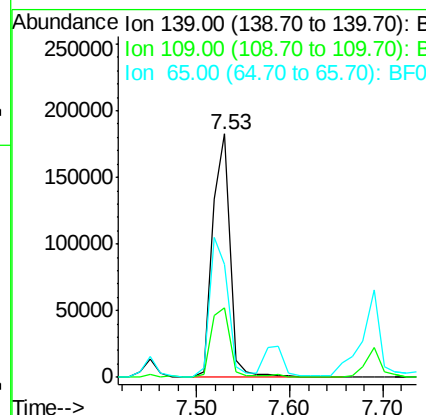
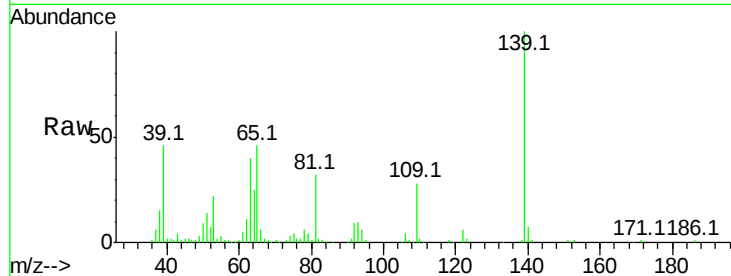
#26
2-Nitrophenol
Concen: 46.01 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampled :
WC-2MSD

Tot Ion:	139	Resp:	237943
Ion Ratio	Lower	Upper	
139	100		
109	28.4	19.5	29.3
65	46.2	37.5	56.3

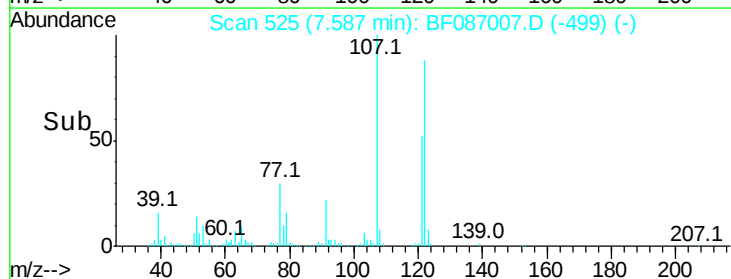
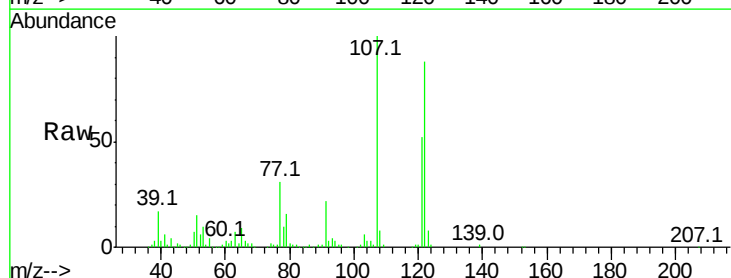
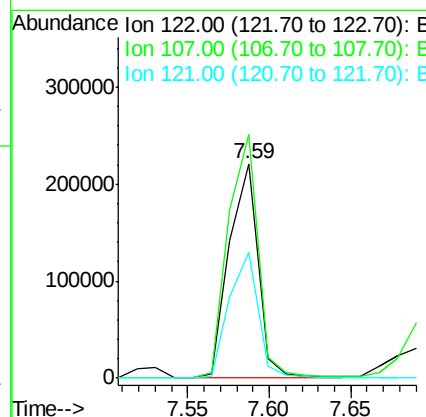
Manual Integrations
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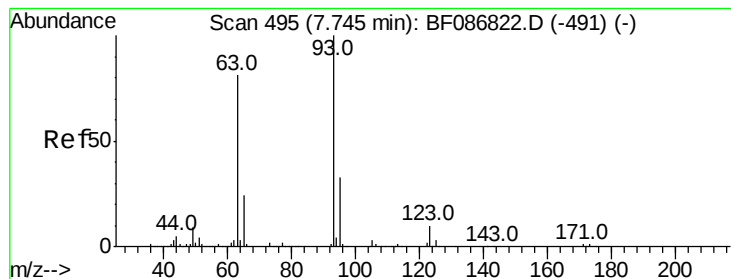
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#27
2,4-Dimethylphenol
Concen: 30.62 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion:	122	Resp:	269778
Ion Ratio	Lower	Upper	
122	100		
107	113.6	82.0	123.0
121	58.7	46.1	69.1





#28

bis(2-Chloroethoxy)methane

Concen: 6.75 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

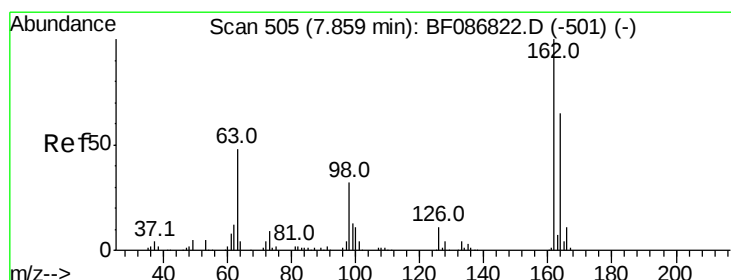
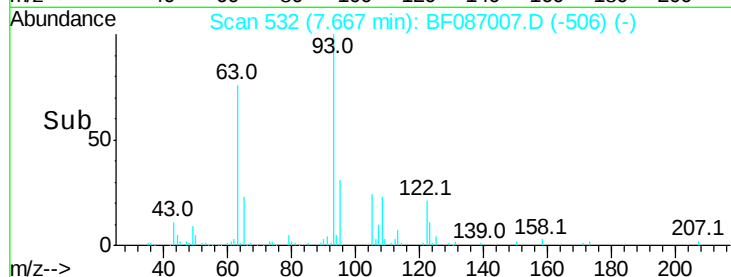
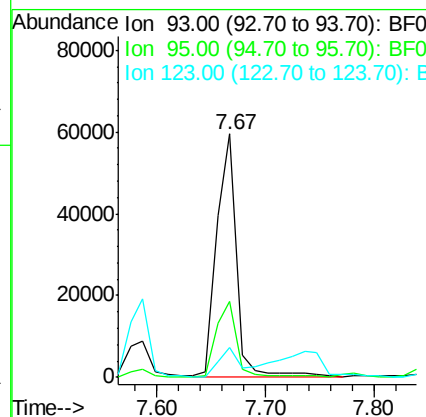
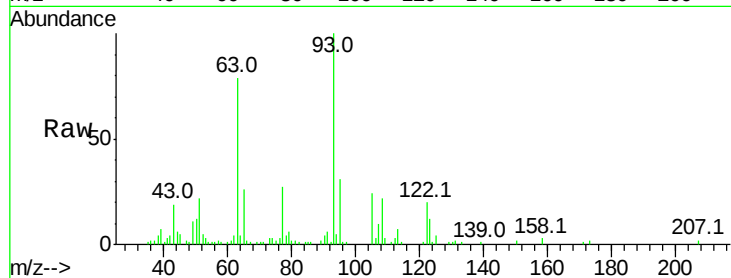
ClientSampleId :

WC-2MSD

Tot Ion:	93	Resp:	77315
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.0	39.0
123	12.0	9.5	14.3

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#29

2,4-Dichlorophenol

Concen: 47.75 ng

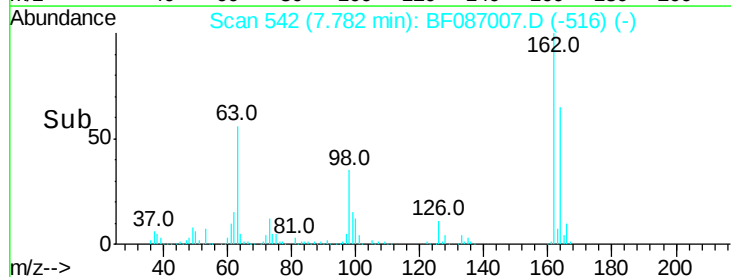
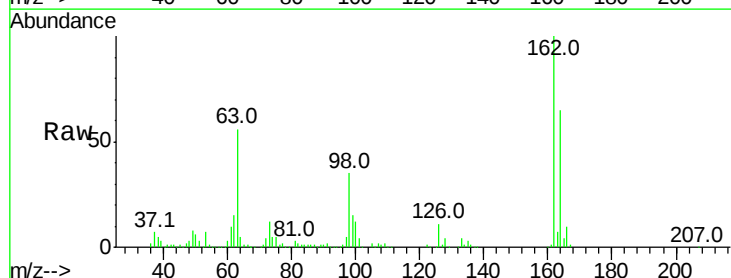
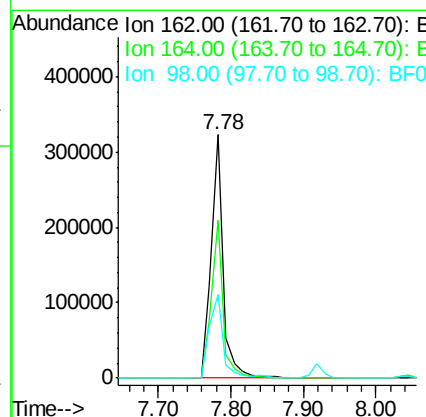
RT: 7.78 min Scan# 542

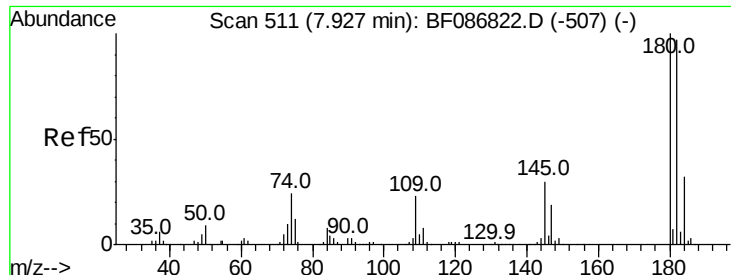
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	162	Resp:	370277
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.2	82.2
98	34.6	19.0	59.0





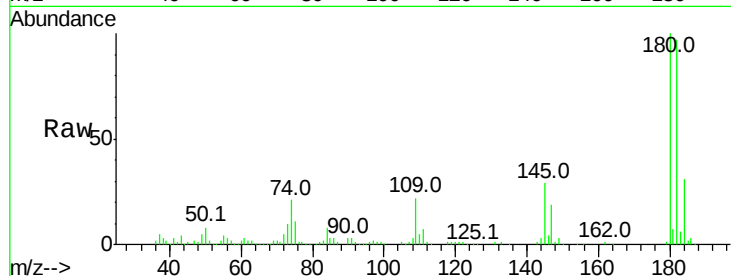
#30
 1,2,4-Trichlorobenzene
 Concen: 44.32 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

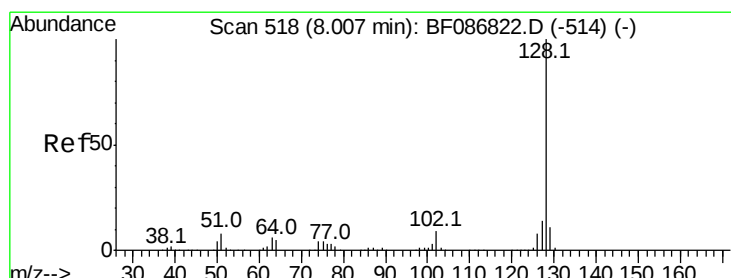
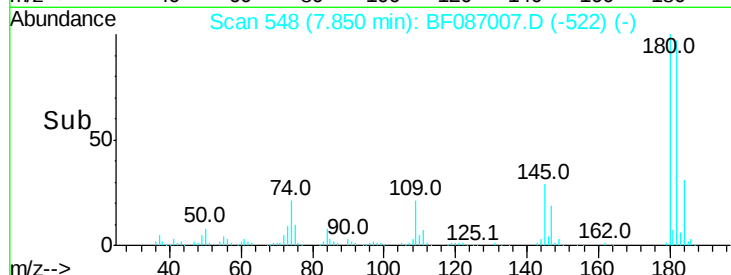
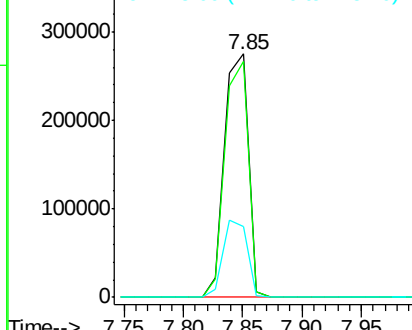
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.8	78.0	117.0	
145	29.1	24.2	36.2	

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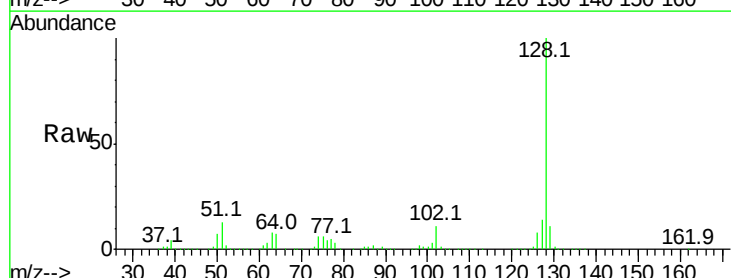


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

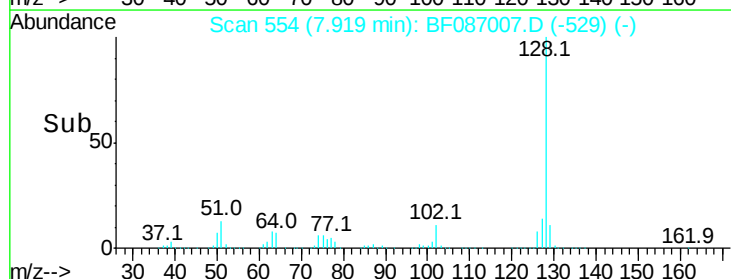
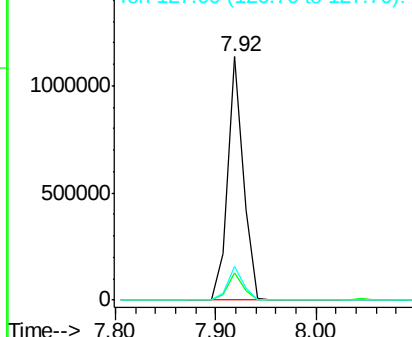


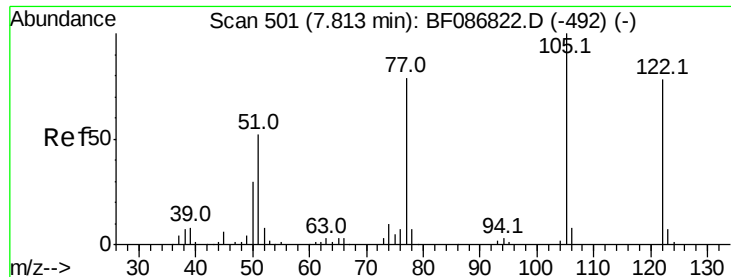
#31
 Naphthalene
 Concen: 42.88 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.6	13.0	
127	13.6	10.8	16.2	



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





#32

Benzoic acid

Concen: 50.99 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

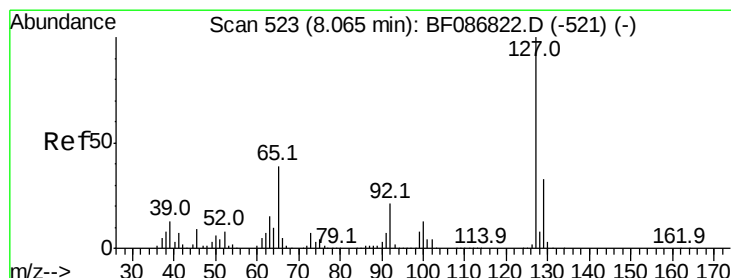
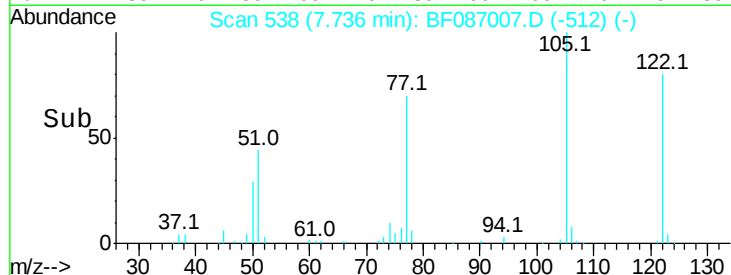
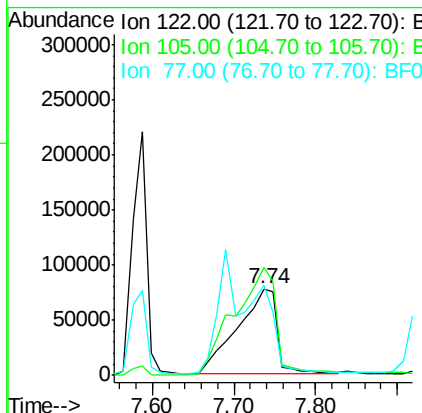
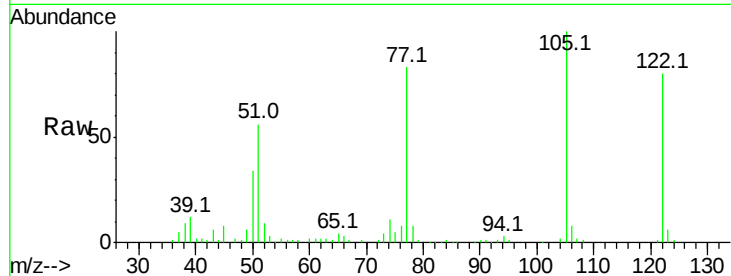
ClientSampled :

WC-2MSD

Tot Ion:	122	Resp:	263844
Ion Ratio	Lower	Upper	
122	100		
105	125.4	92.6	132.6
77	103.9	60.0	100.0#

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#33

4-Chloroaniline

Concen: 14.84 ng

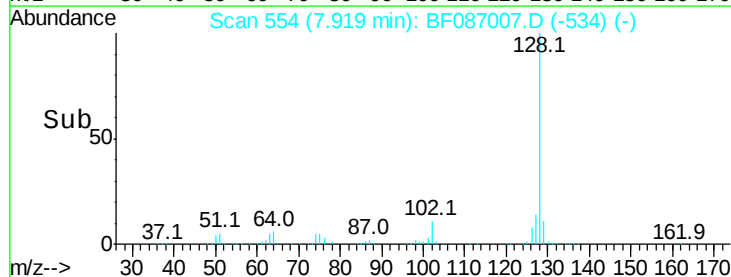
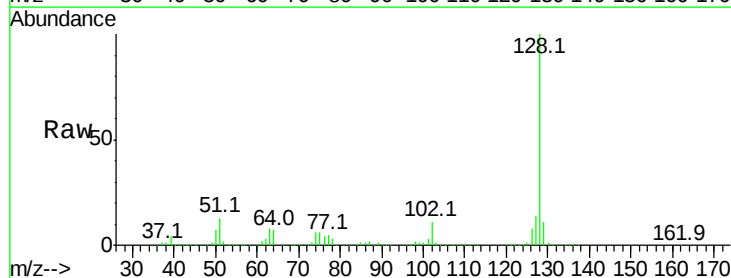
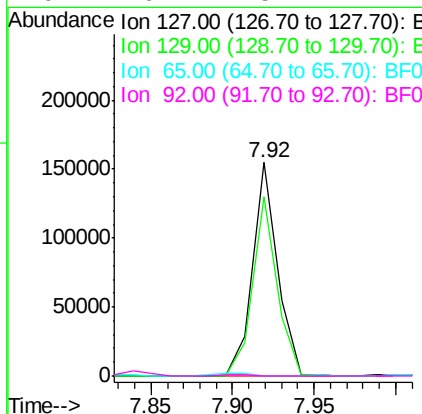
RT: 7.92 min Scan# 554

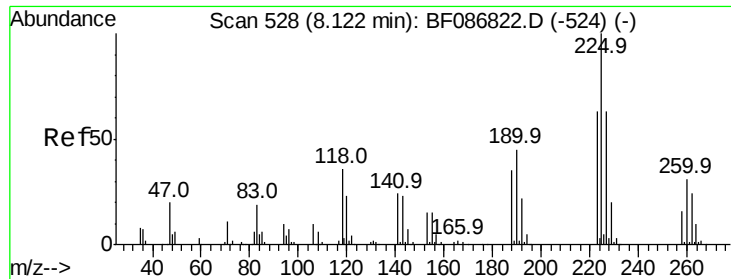
Delta R.T. -0.07 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	127	Resp:	165822
Ion Ratio	Lower	Upper	
127	100		
129	83.9	26.2	39.4#
65	0.0	23.0	34.4#
92	0.2	15.1	22.7#





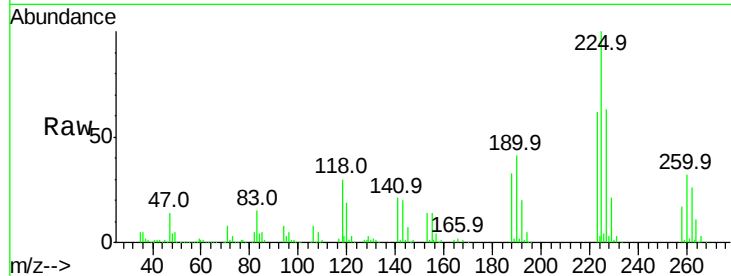
#34
Hexachlorobutadiene
Concen: 45.33 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

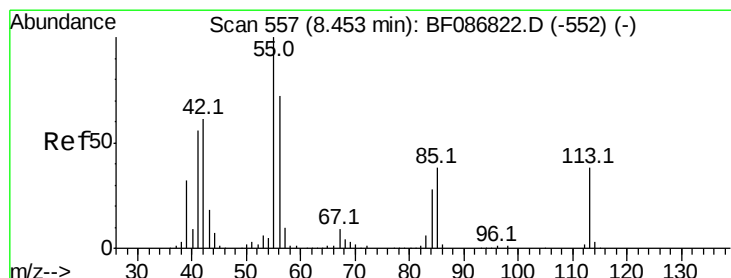
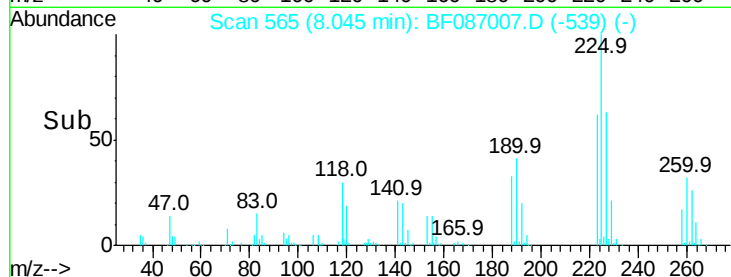
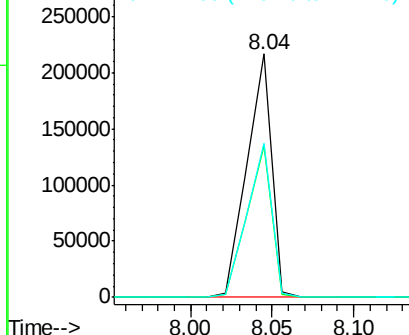
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	51.5	77.3
227	63.5	52.2	78.2

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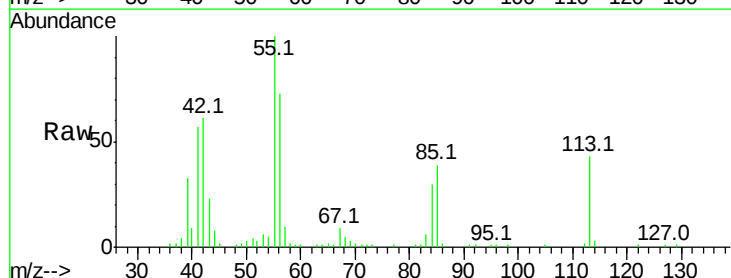


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

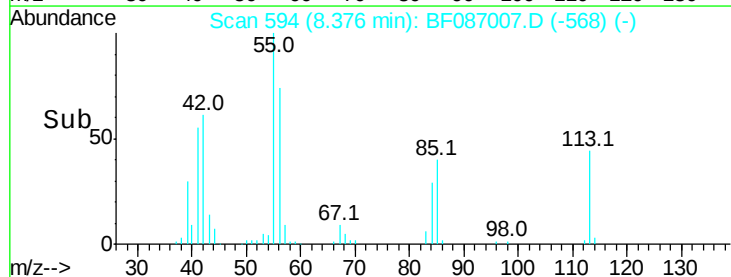
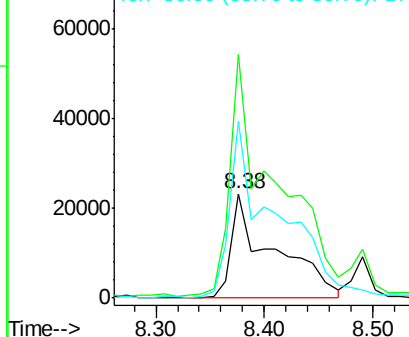


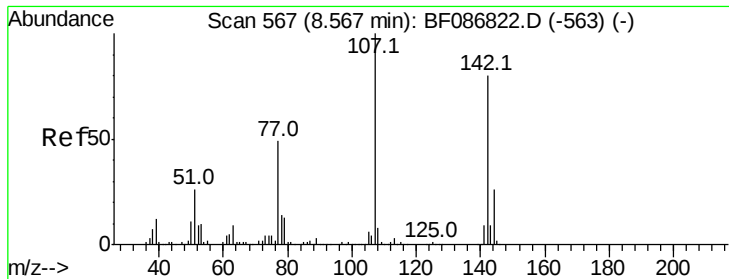
#35
Caprolactam
Concen: 23.70 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	232.7	162.0	202.0#
56	169.4	115.3	155.3#



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





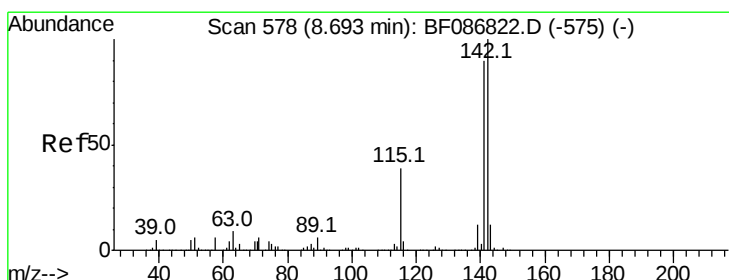
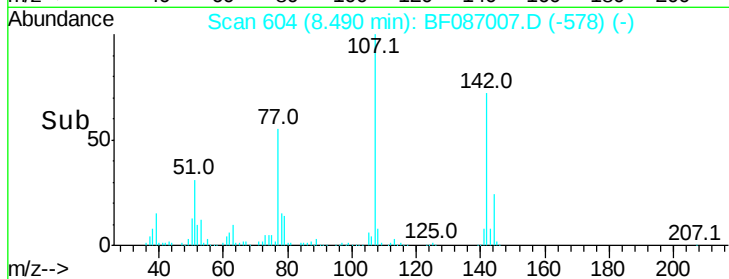
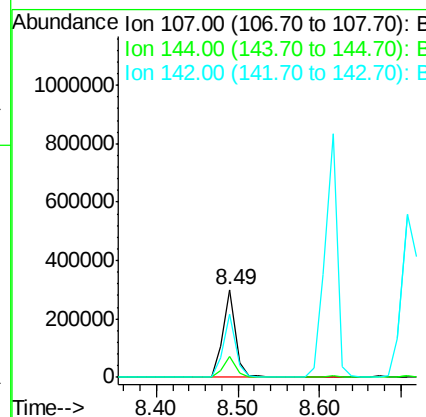
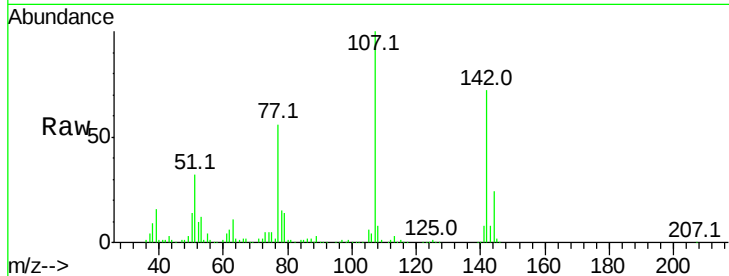
#36
 4-Chloro-3-methylphenol
 Concen: 35.22 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	331199		
144	23.7	20.7	31.1	
142	72.3	63.2	94.8	

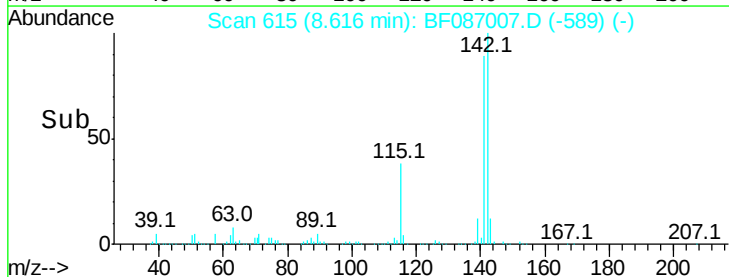
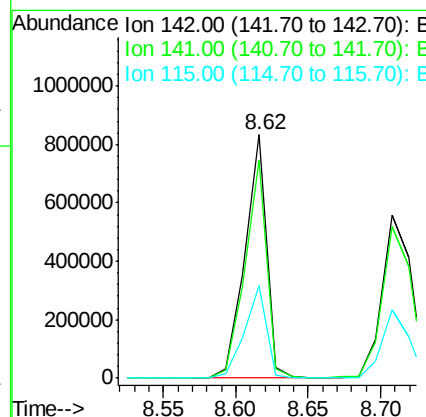
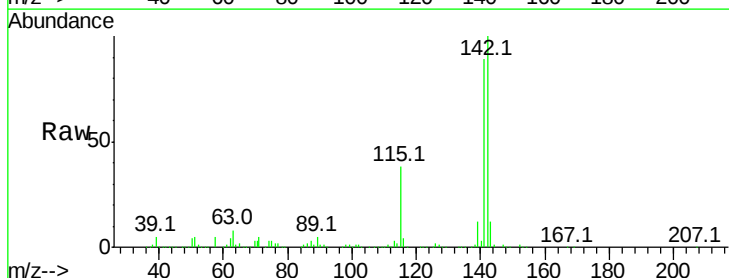
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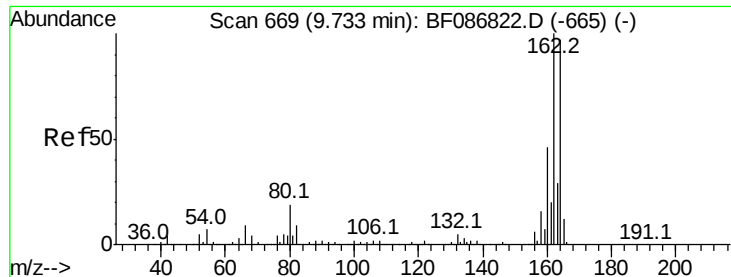
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#37
 2-Methylnaphthalene
 Concen: 51.75 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	870349		
141	89.4	71.0	106.6	
115	38.1	26.6	39.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

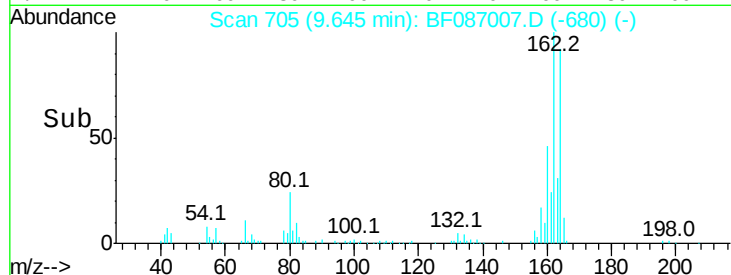
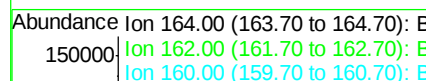
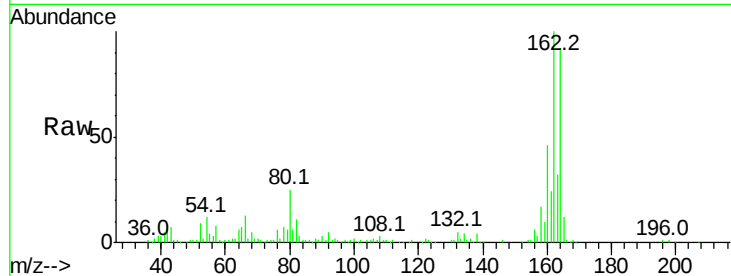
ClientSampleId :

WC-2MSD

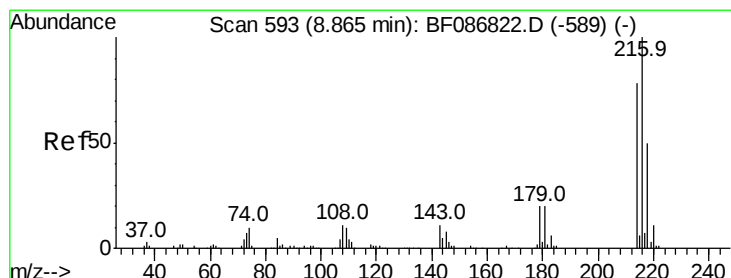
Tot Ion:	164	Resp:	124032
Ion Ratio	Lower	Upper	
164	100		
162	108.8	82.8	124.2
160	49.9	36.9	55.3

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Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 95.88 ng

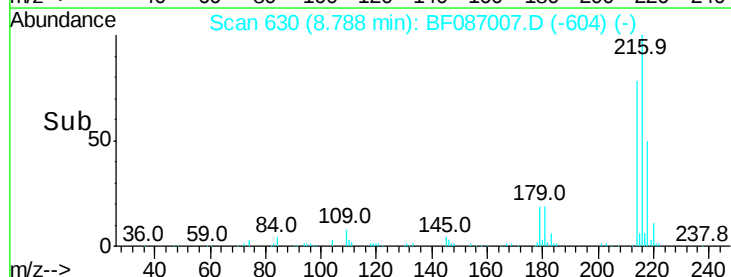
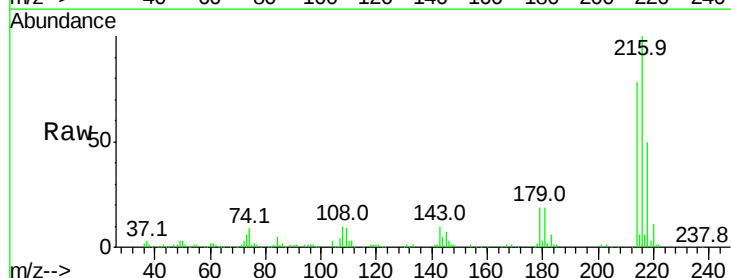
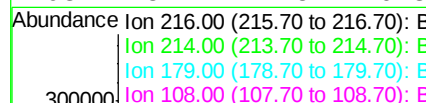
RT: 8.79 min Scan# 630

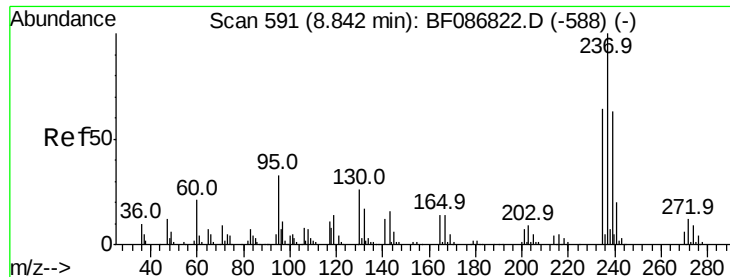
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	216	Resp:	345773
Ion Ratio	Lower	Upper	
216	100		
214	80.6	62.6	93.8
179	23.2	18.2	27.4
108	25.7	17.5	26.3





#40

Hexachlorocyclopentadiene

Concen: 181.30 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

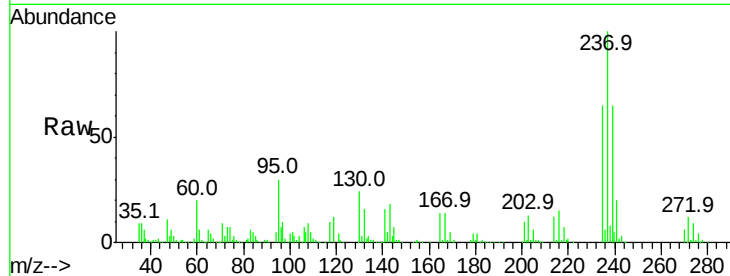
ClientSampleId :

WC-2MSD

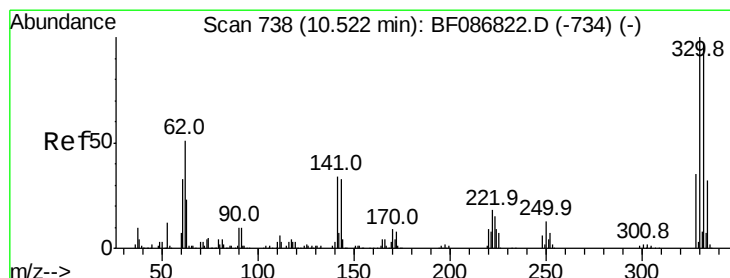
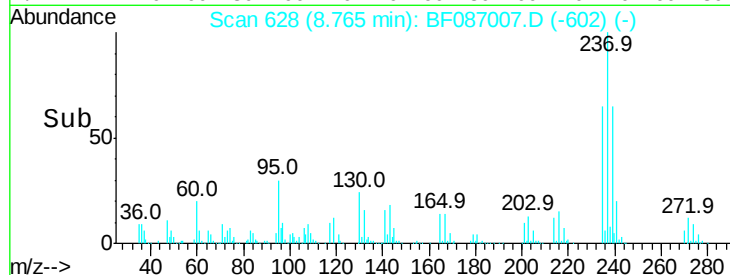
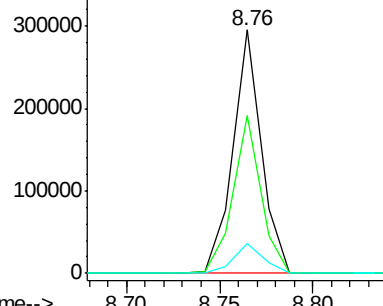
Tot Ion:	237	Resp:	310332
Ion Ratio		Lower	Upper
237	100		
235	64.7	47.2	87.2
272	12.2	0.0	31.1

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



#41

2,4,6-Tribromophenol

Concen: 346.75 ng

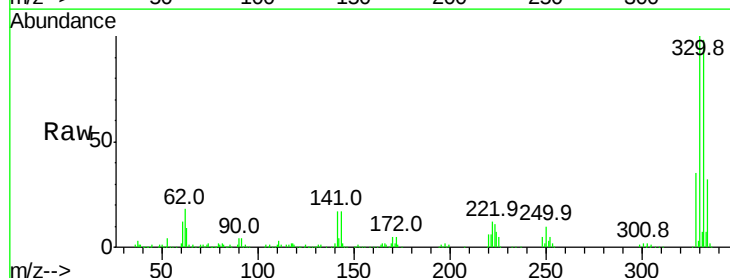
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

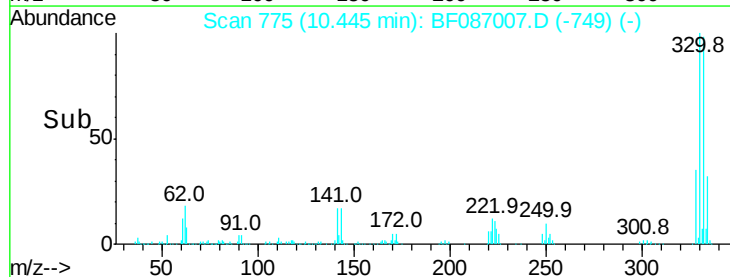
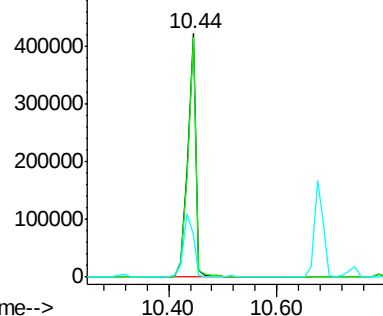
Lab File: BF087007.D

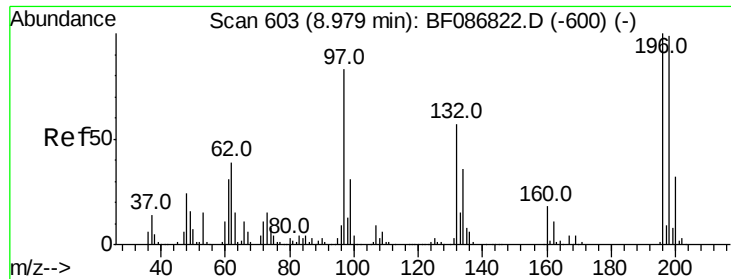
Acq: 14 May 2016 8:58

Tgt Ion:	330	Resp:	455317
Ion Ratio		Lower	Upper
330	100		
332	96.7	79.0	118.4
141	31.9	31.2	46.8



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





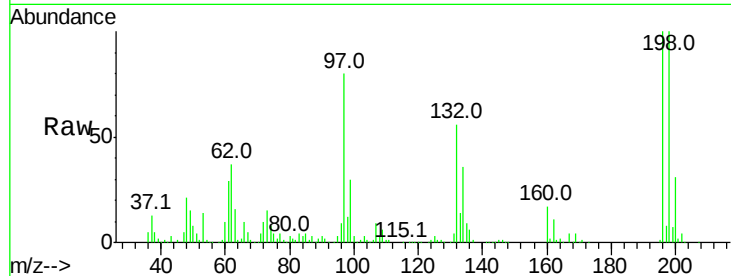
#42
 2,4,6-Trichlorophenol
 Concen: 100.33 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241946		
198	99.7	74.7	112.1	
200	31.3	23.8	35.6	

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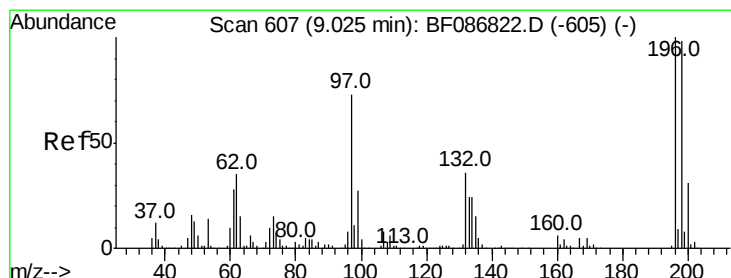
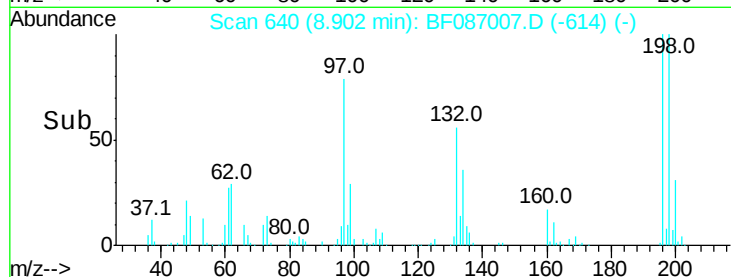
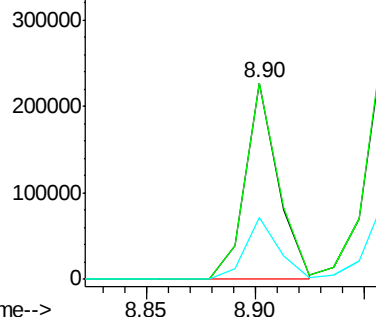


Abundance

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: 106.74 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266196		
198	102.1	77.5	116.3	
97	48.6	34.8	52.2	
132	28.5	23.0	34.4	

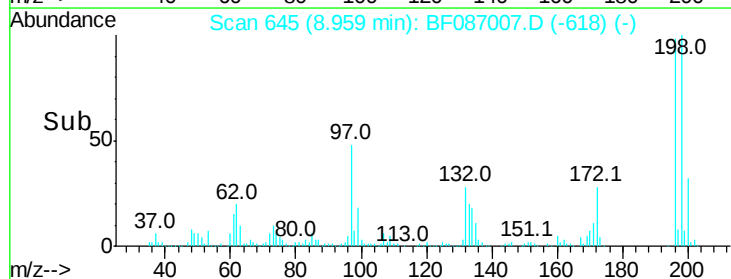
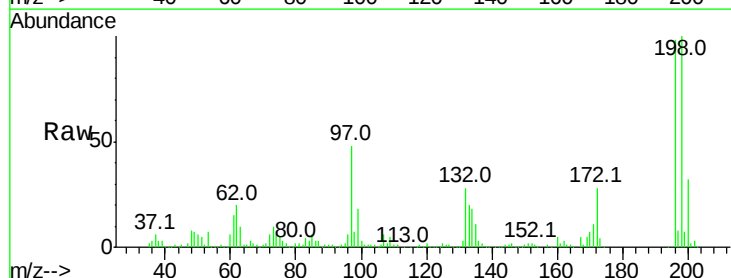
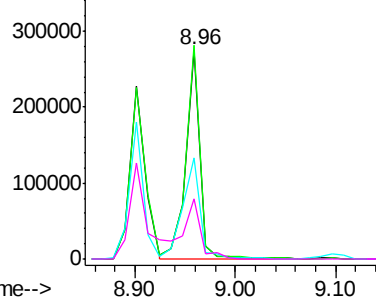
Abundance

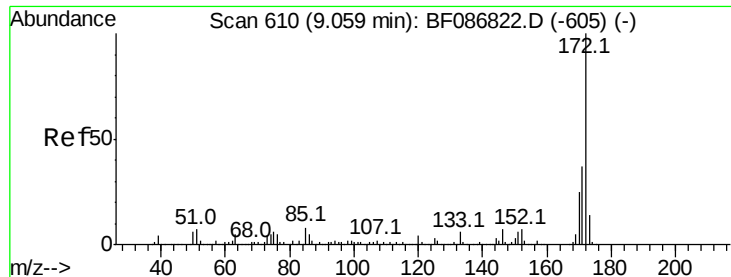
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 211.47 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:172 Resp: 1560662

Ion Ratio Lower Upper

172 100

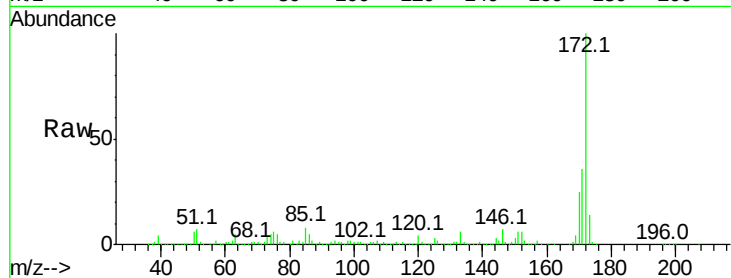
171 36.3 29.0 43.6

170 24.7 19.8 29.8

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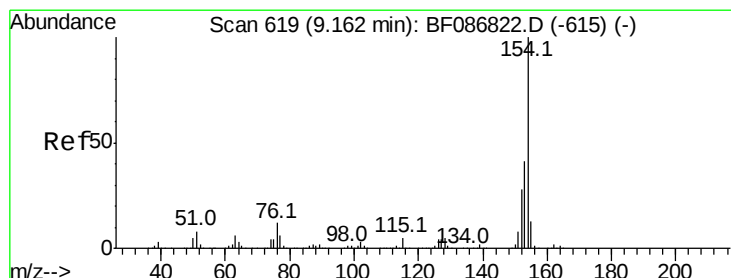
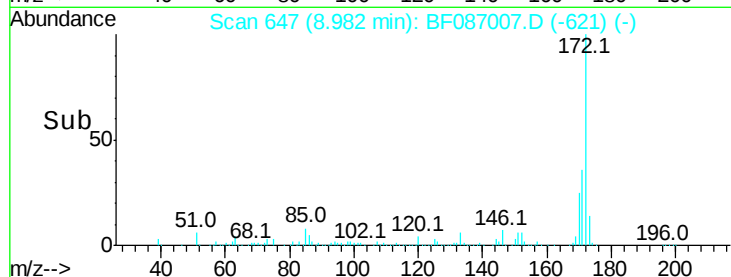
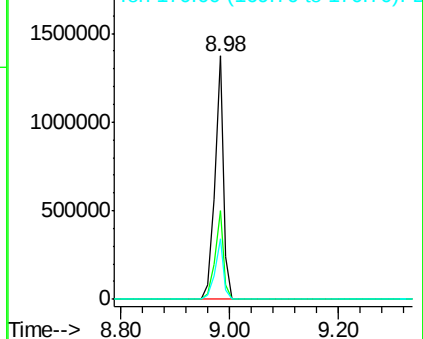
5/16/2016 6:57:17 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 110.12 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

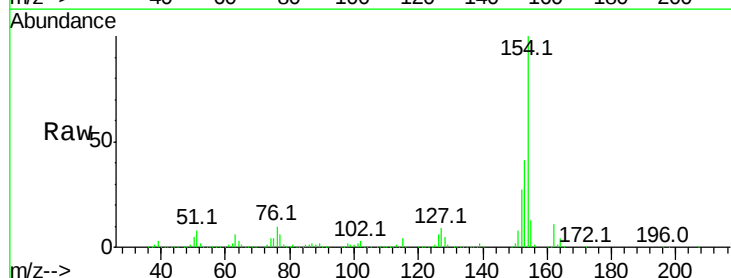
Tgt Ion:154 Resp: 1086369

Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

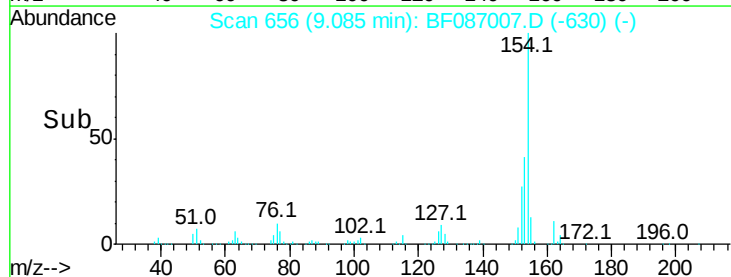
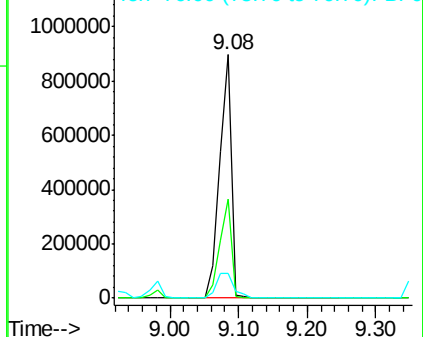
76 10.3 0.0 30.2

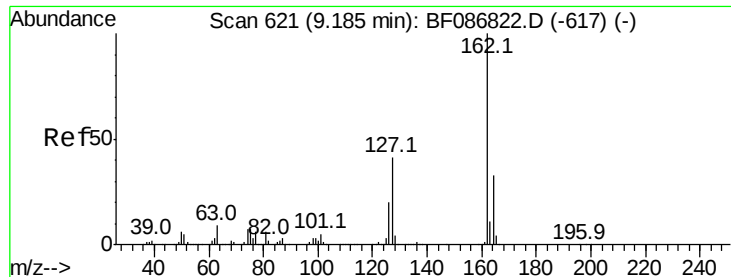


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 102.18 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

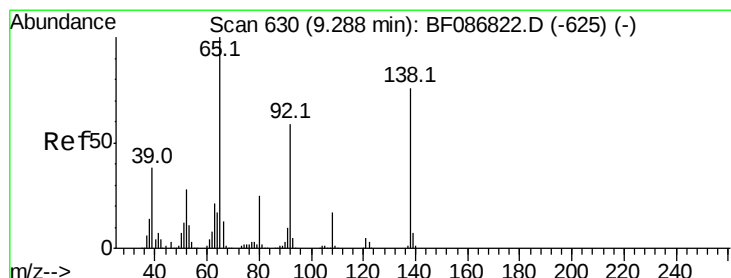
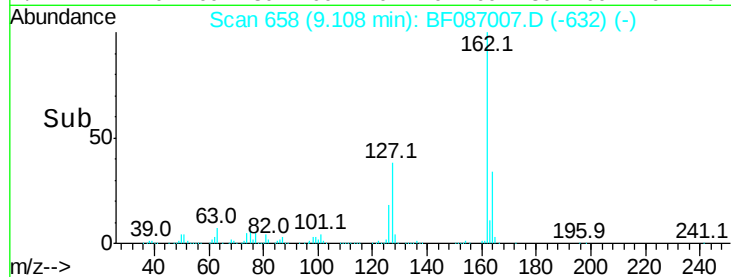
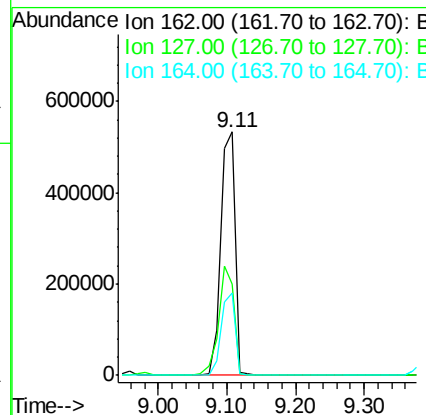
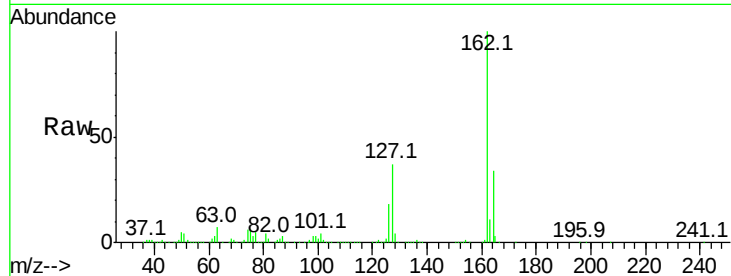
ClientSampleId :

WC-2MSD

Tot Ion:	162	Resp:	789765
Ion Ratio	Lower	Upper	
162	100		
127	37.5	31.8	47.6
164	33.7	27.0	40.6

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#47

2-Nitroaniline

Concen: 27.40 ng

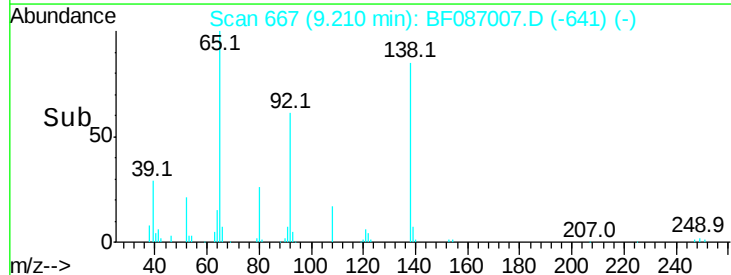
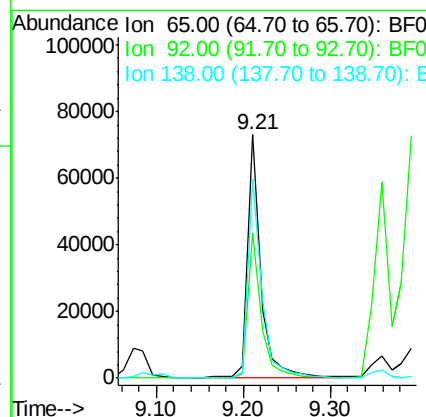
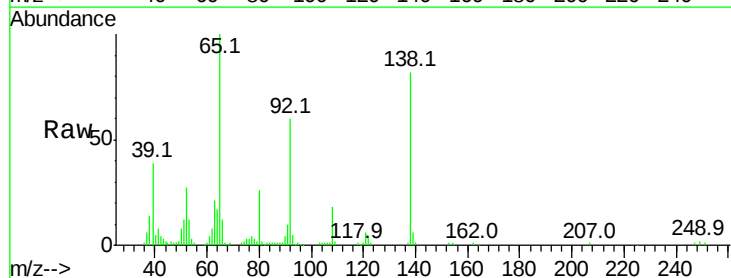
RT: 9.21 min Scan# 667

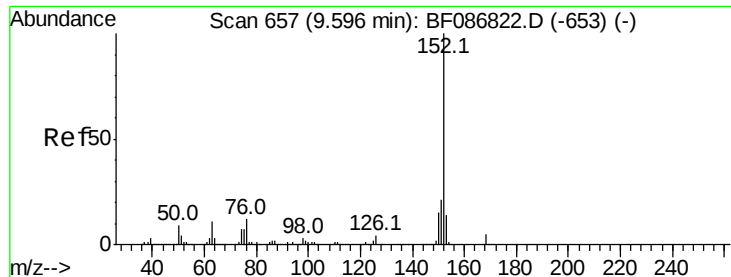
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	65	Resp:	77405
Ion Ratio	Lower	Upper	
65	100		
92	59.6	57.4	86.2
138	81.5	90.1	135.1#





#48

Acenaphthylene

Concen: 27.98 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

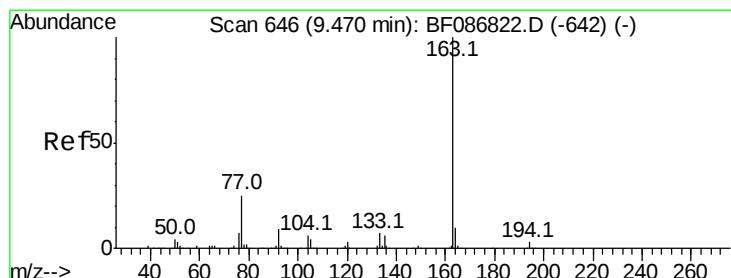
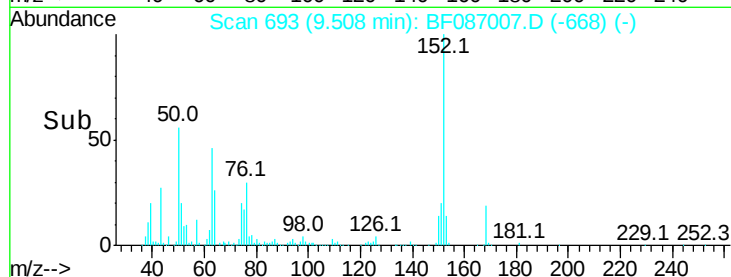
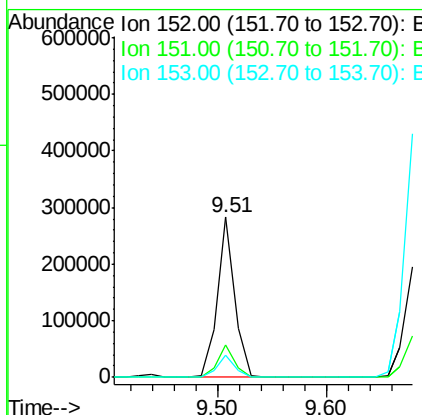
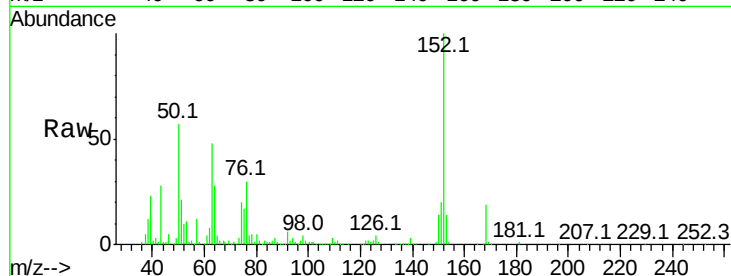
ClientSampleId :

WC-2MSD

Tot Ion:	152	Resp:	318142
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.8	25.2
153	13.5	10.9	16.3

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#49

Dimethylphthalate

Concen: 79.69 ng

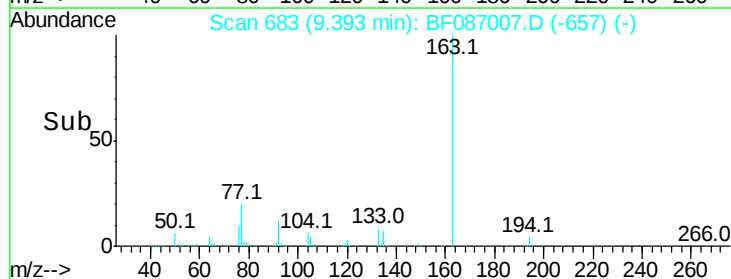
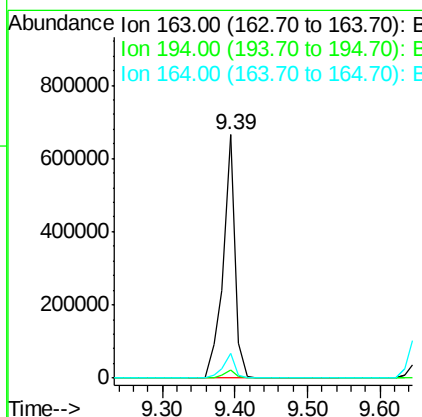
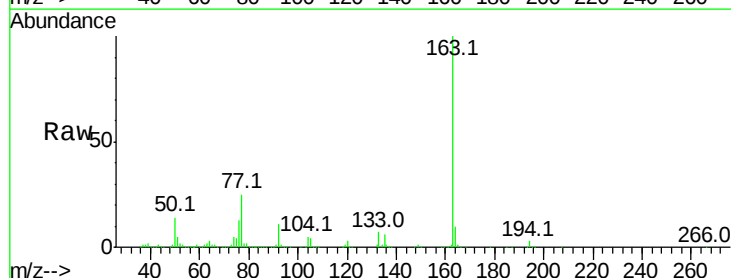
RT: 9.39 min Scan# 683

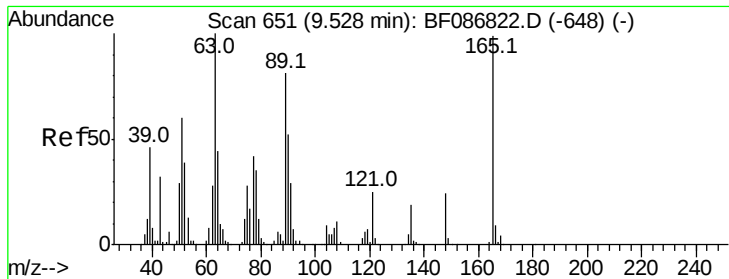
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	163	Resp:	754136
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4





#50

2,6-Dinitrotoluene

Concen: 96.66 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:165 Resp: 192491
Ion Ratio Lower Upper

165 100

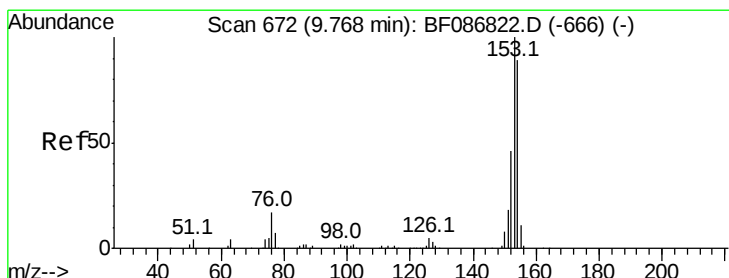
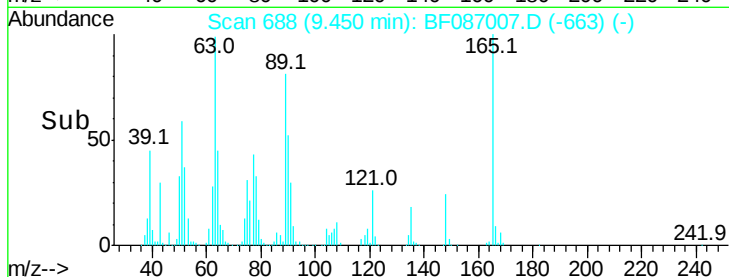
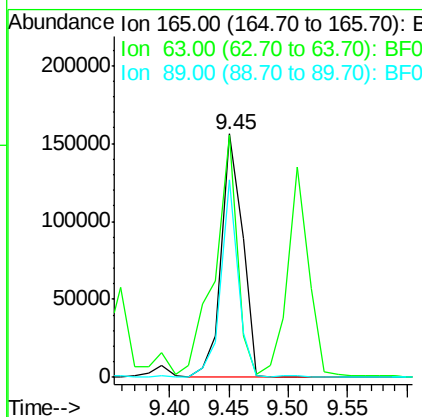
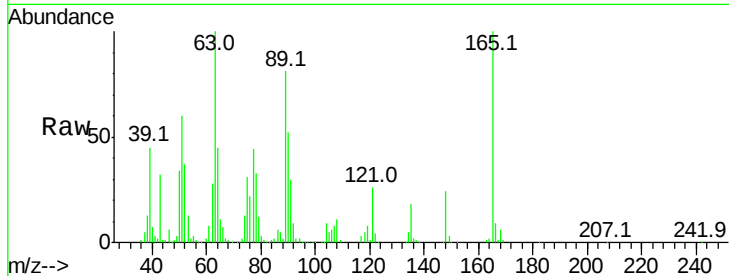
63 99.7 51.8 77.8#

89 81.1 50.7 76.1#

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#51

Acenaphthene

Concen: 56.65 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087007.D

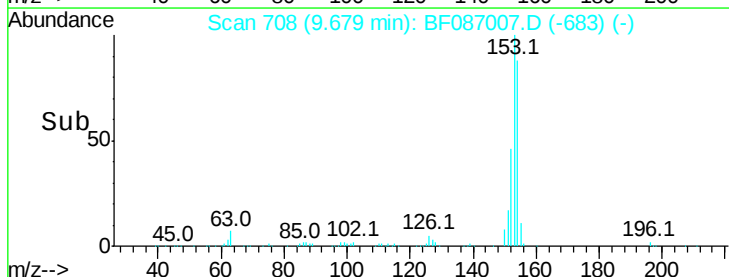
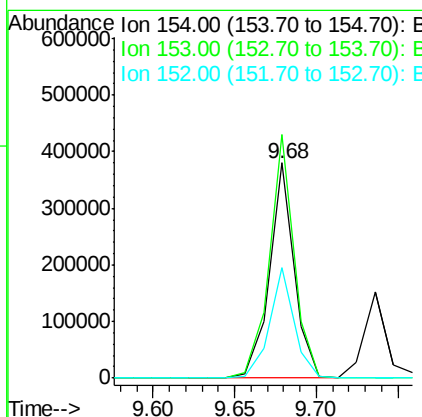
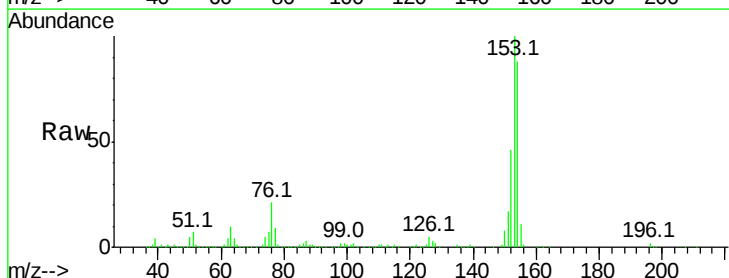
Acq: 14 May 2016 8:58

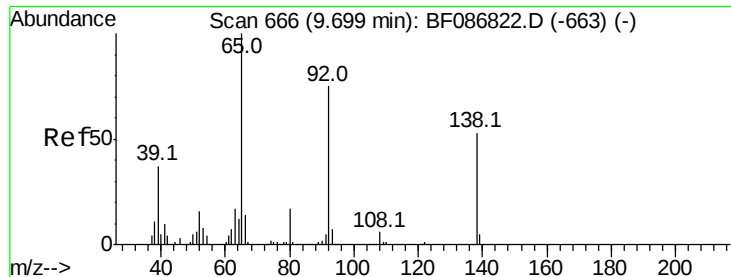
Tgt Ion:154 Resp: 400634
Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

152 51.5 43.4 65.0





#52

3-Nitroaniline

Concen: 6.54 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

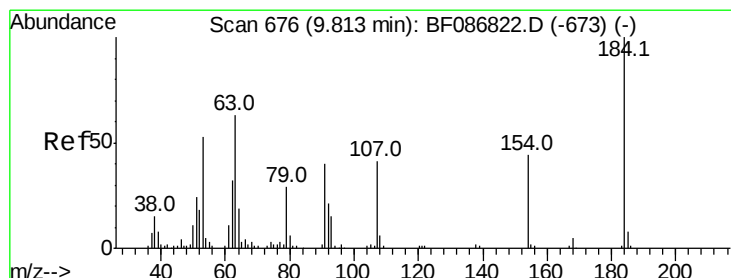
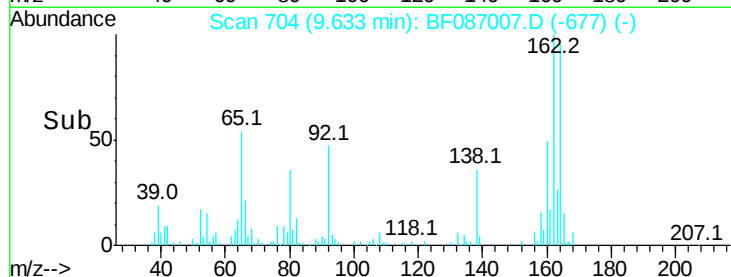
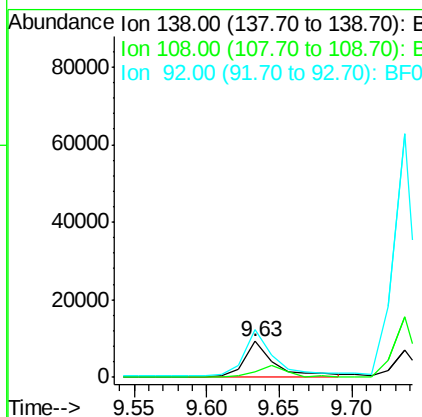
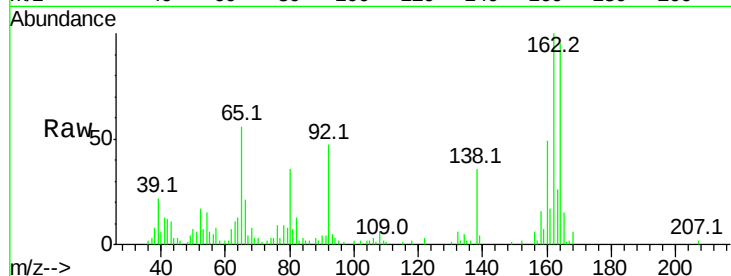
ClientSampleId :

WC-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	17.1	7.8	11.6#
92	132.2	87.8	131.8#

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#53

2,4-Dinitrophenol

Concen: 207.33 ng

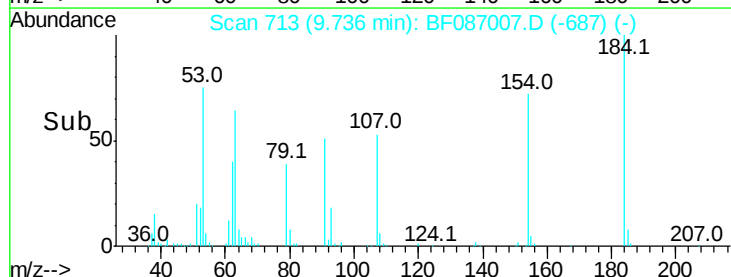
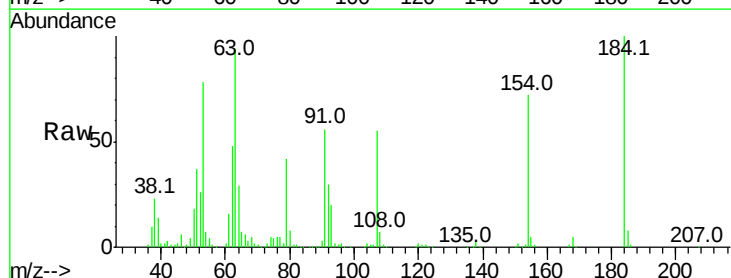
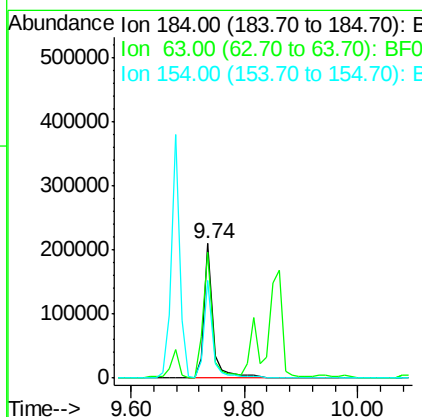
RT: 9.74 min Scan# 713

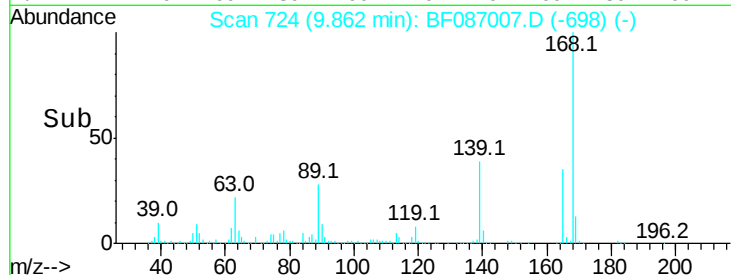
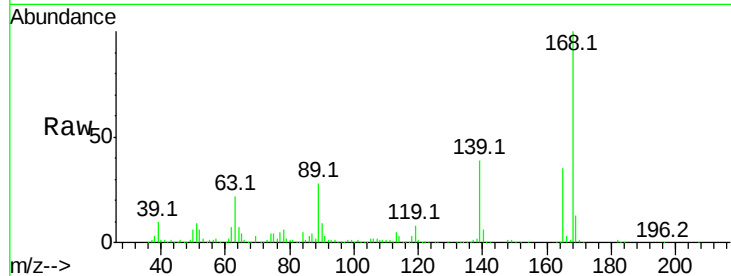
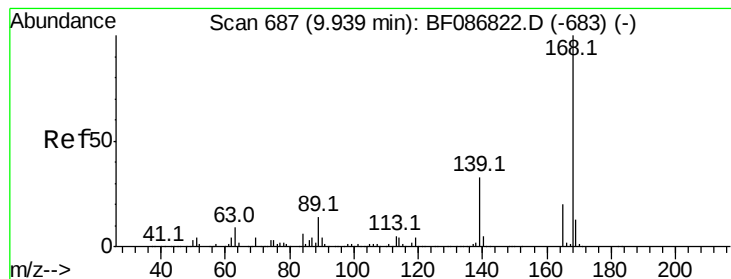
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.9	55.8	83.8#
154	72.5	62.4	93.6





#54

Dibenzofuran

Concen: 114.81 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tot Ion:168	Resp: 1042267
Ion Ratio	Lower Upper
168 100	
139 38.9	31.4 47.0
169 13.1	10.7 16.1

Instrument :

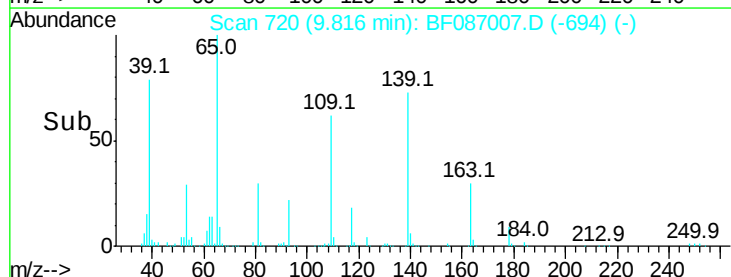
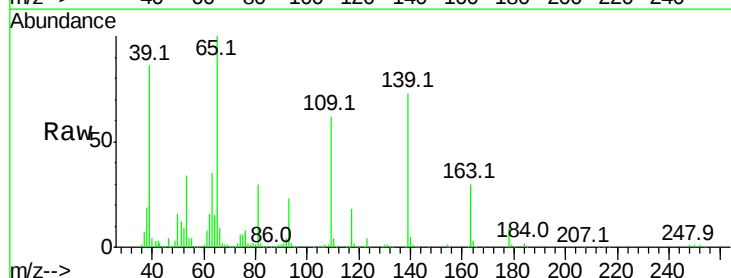
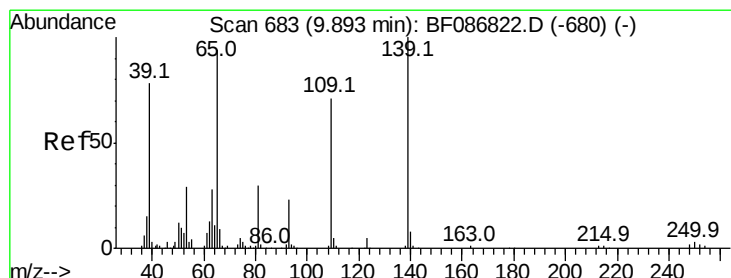
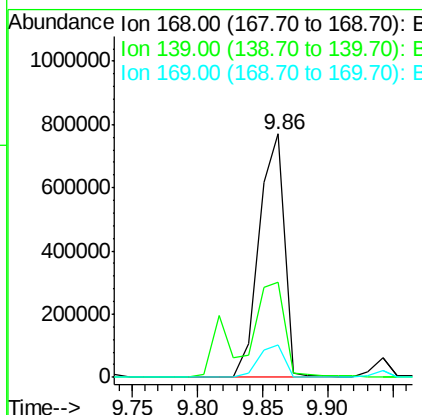
BNA_F

ClientSampleId :

WC-2MSD

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#55

4-Nitrophenol

Concen: 128.95 ng m

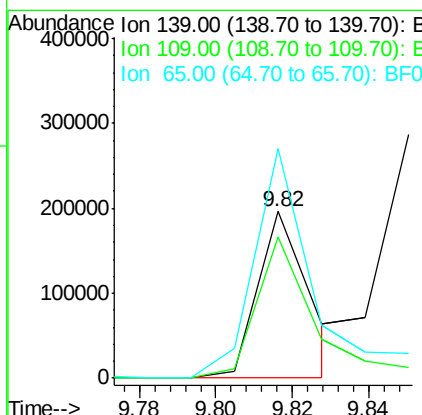
RT: 9.82 min Scan# 720

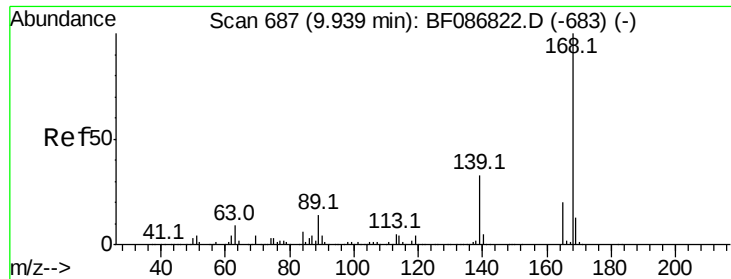
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:139	Resp: 184404
Ion Ratio	Lower Upper
139 100	
109 84.6	36.9 76.9#
65 137.3	64.0 104.0#





#56

2,4-Dinitrotoluene

Concen: 112.91 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF087007.D

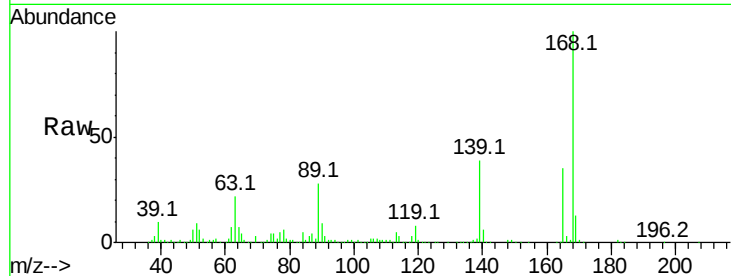
Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

WC-2MSD



Tot Ion:165 Resp: 278271

Ion Ratio Lower Upper

165 100

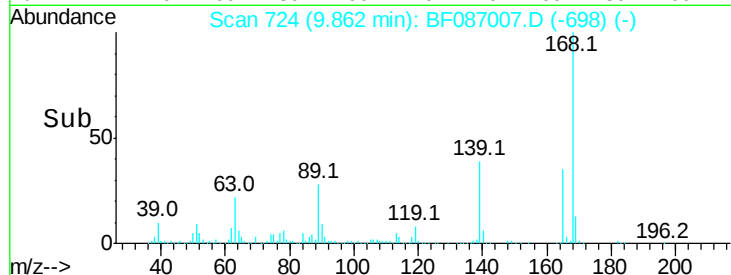
63 62.9 44.3 66.5

89 80.6 70.0 105.0

182 2.5 1.8 2.6

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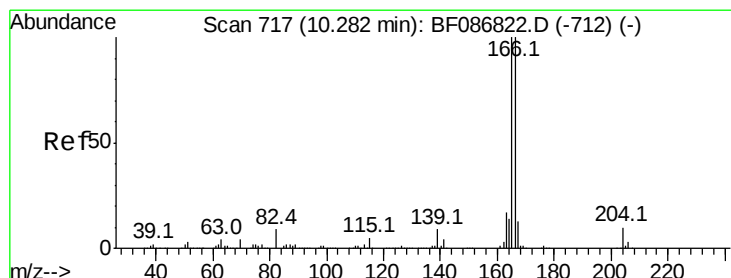
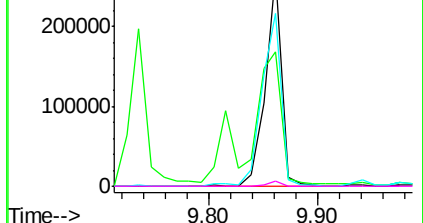


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 88.93 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

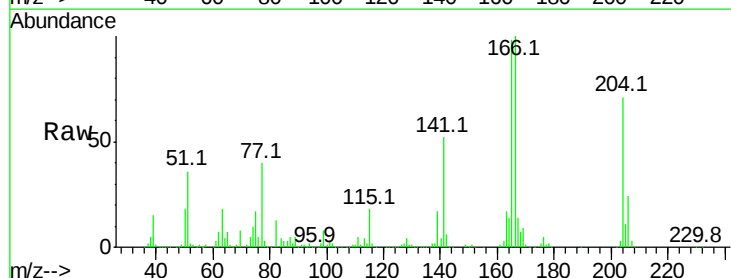
Tgt Ion:166 Resp: 688504

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.6

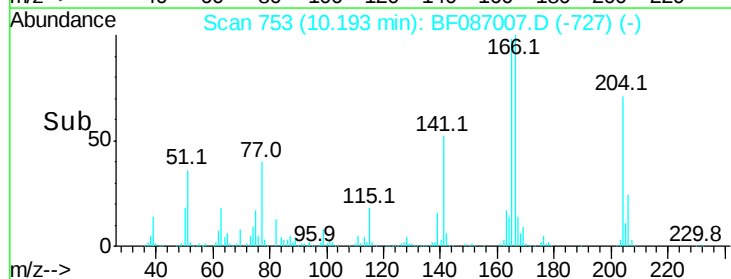
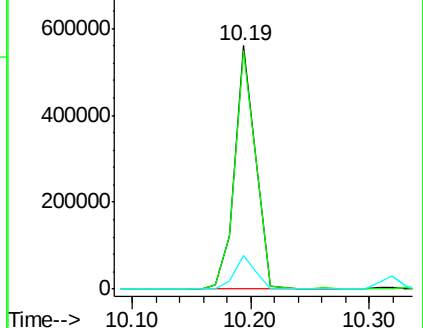
167 14.1 10.6 15.8

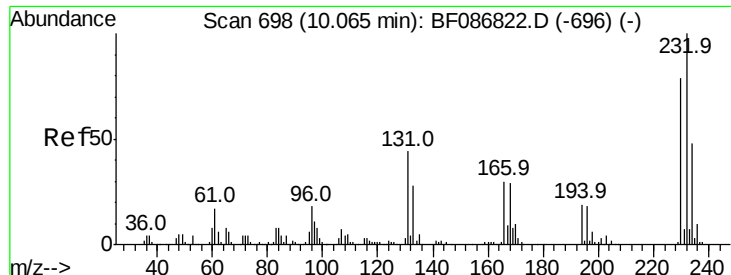


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





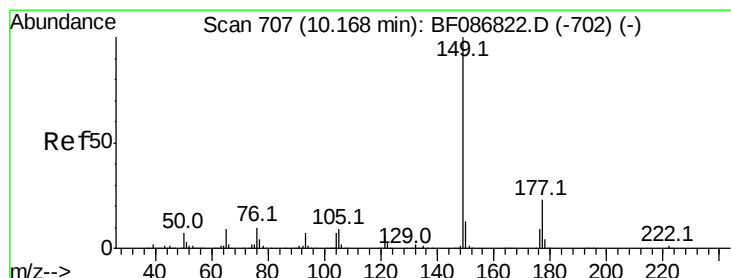
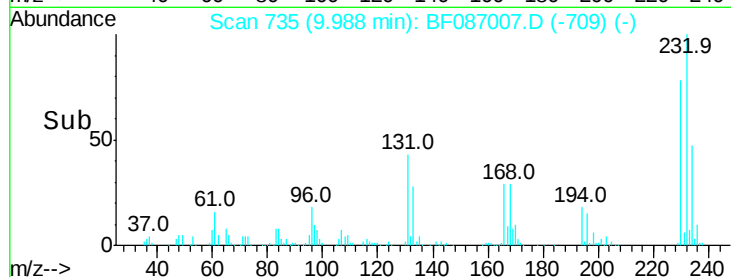
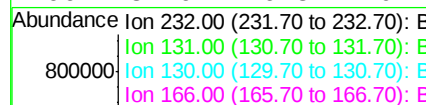
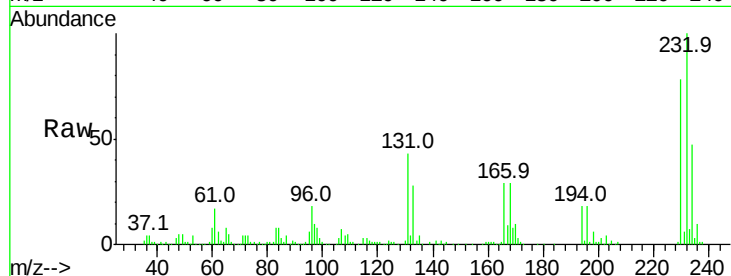
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 117.13 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	219908		
131	51.8		41.9	62.9
130	2.6		2.2	3.4
166	31.9		26.8	40.2

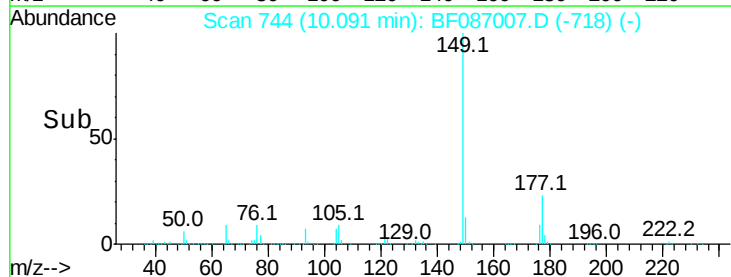
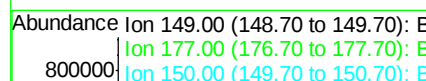
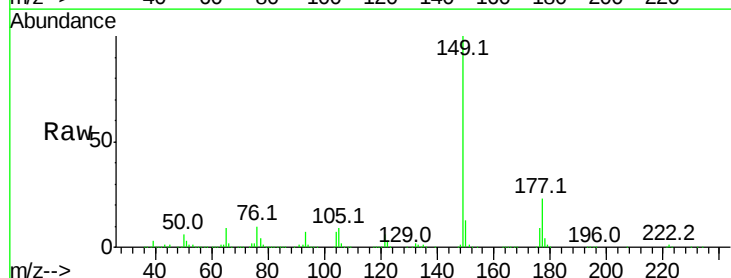
Manual Integrations
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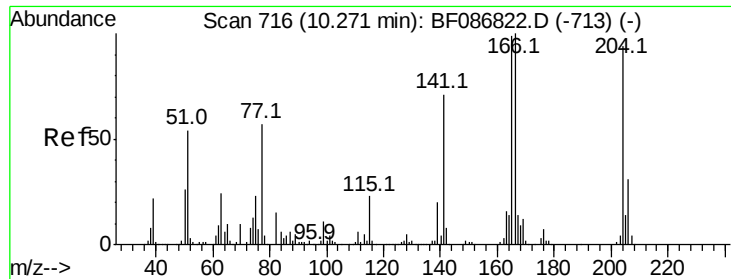
sohil
 5/16/2016 6:57:17 PM



#59
 Diethylphthalate
 Concen: 77.06 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710634		
177	23.2		16.6	24.8
150	12.7		10.0	15.0





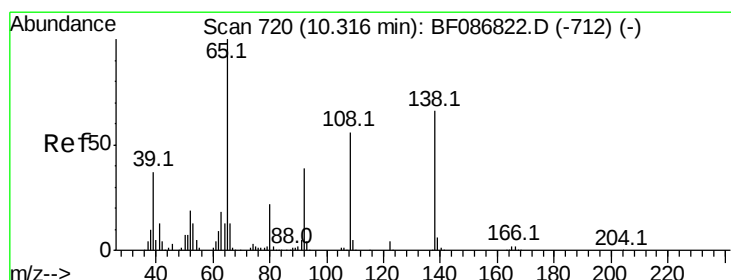
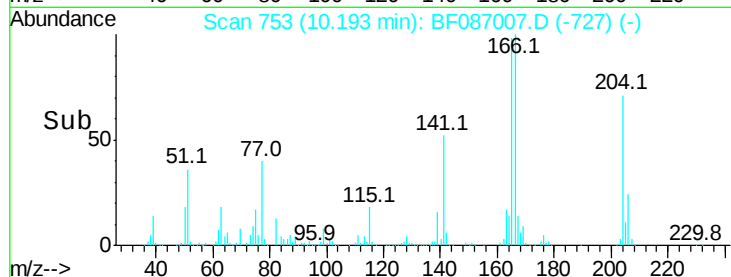
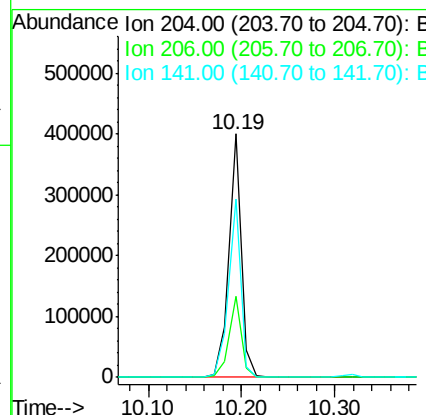
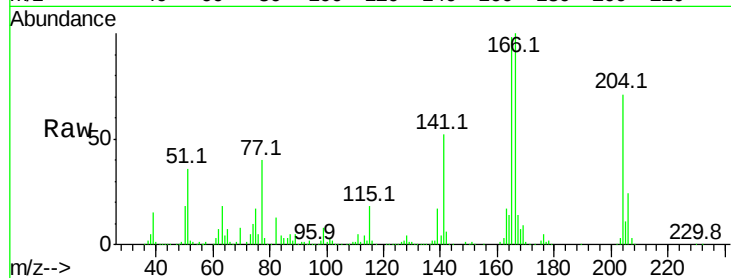
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.4	38.0
141	73.1	61.6	92.4

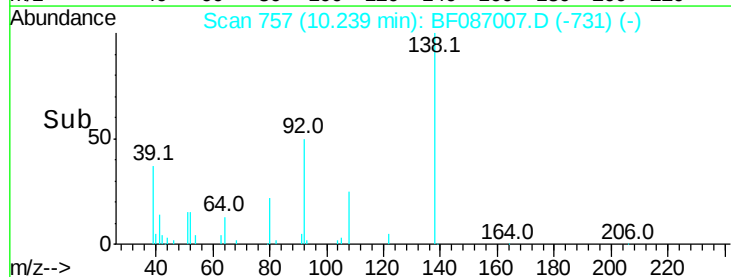
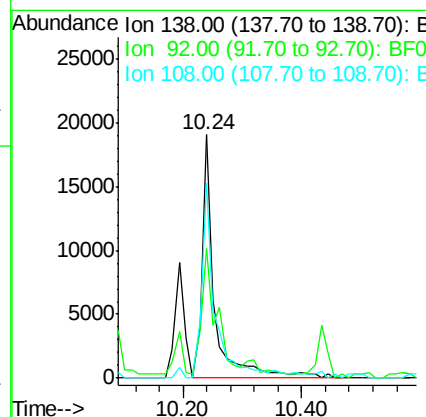
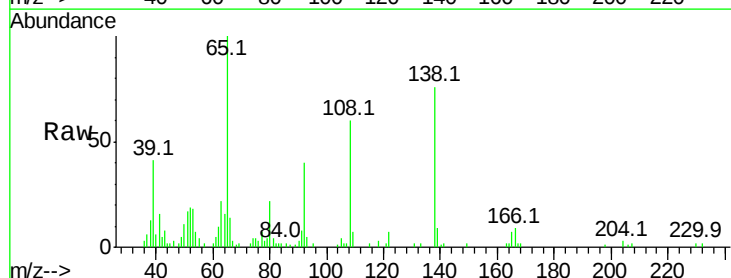
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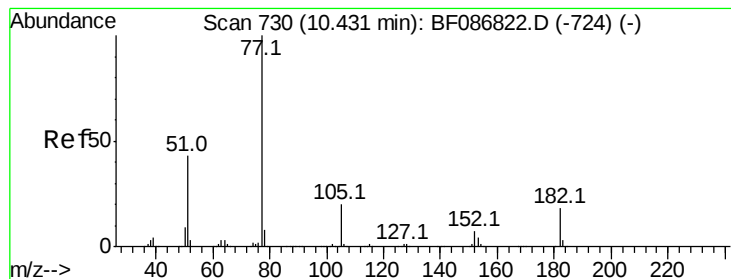
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#61
4-Nitroaniline
Concen: 14.12 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	24.7	64.7
108	80.1	37.4	77.4#





#62

Azobenzene

Concen: 17.74 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

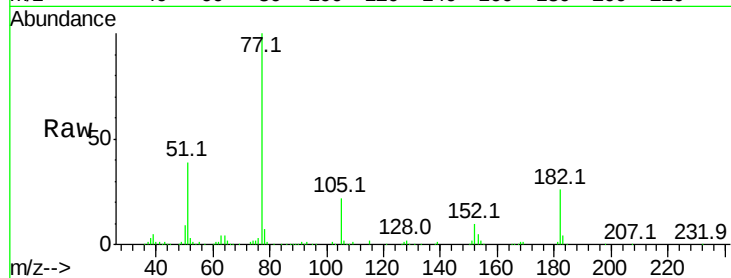
ClientSampleId :

WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	176503		
182	25.6	0.0	38.8	
105	22.2	3.2	43.2	
51	39.3	8.8	48.8	

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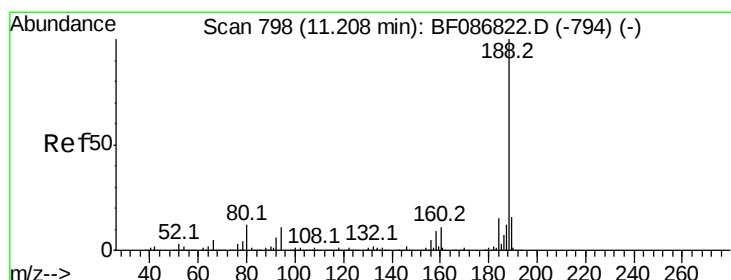
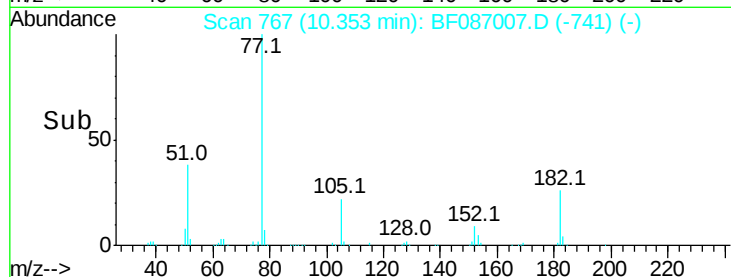
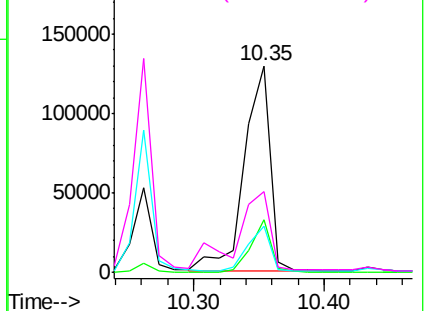


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

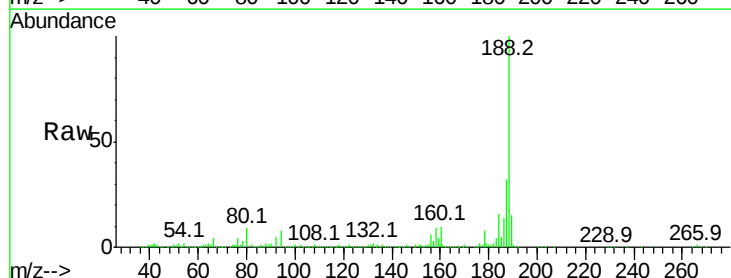
RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

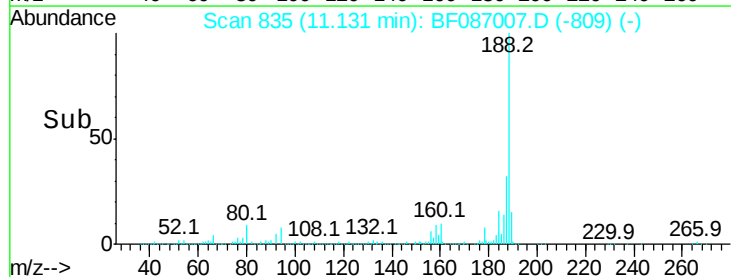
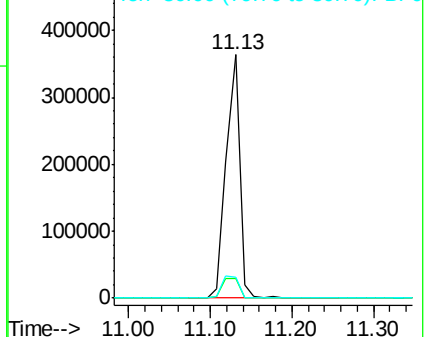
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	417393		
94	8.2	6.8	10.2	
80	8.8	7.1	10.7	

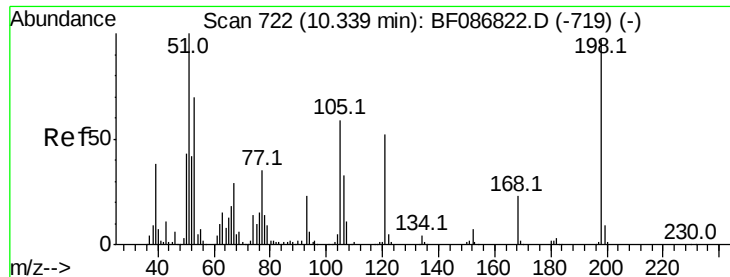


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





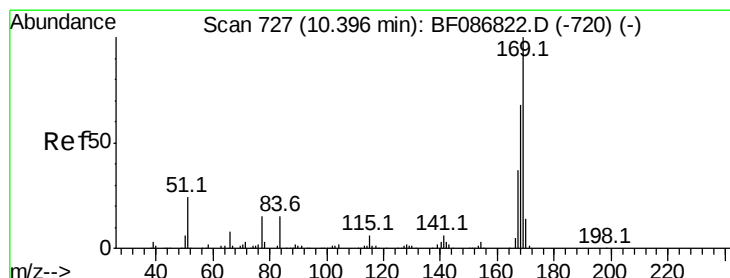
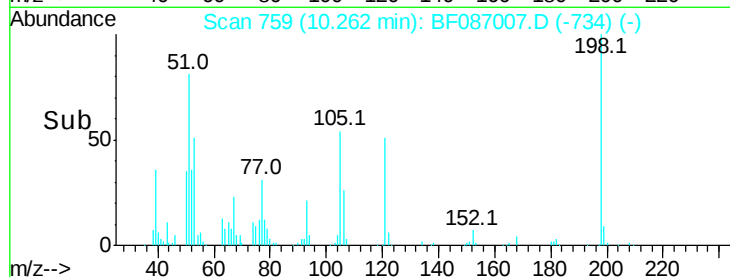
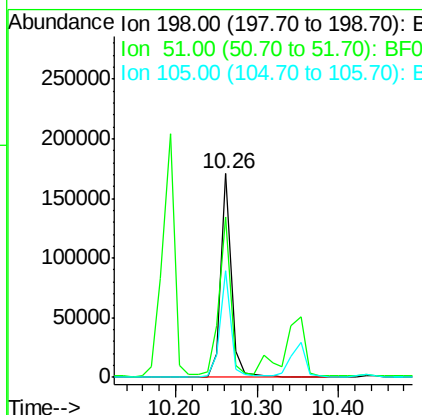
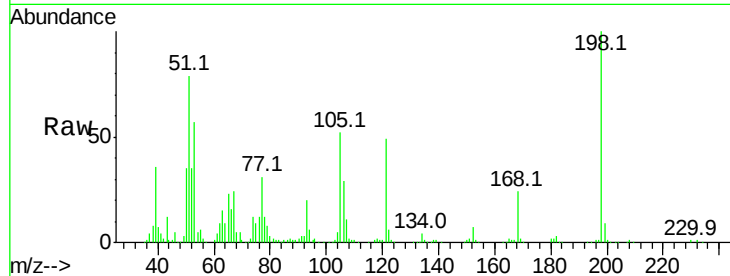
#64
4,6-Dinitro-2-methylphenol
Concen: 59.22 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153560		
51	78.9	20.5	60.5#	
105	52.3	24.5	64.5	

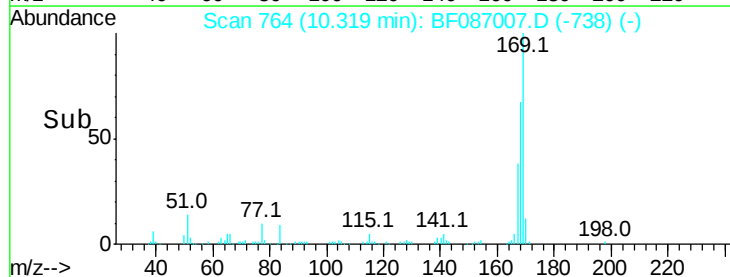
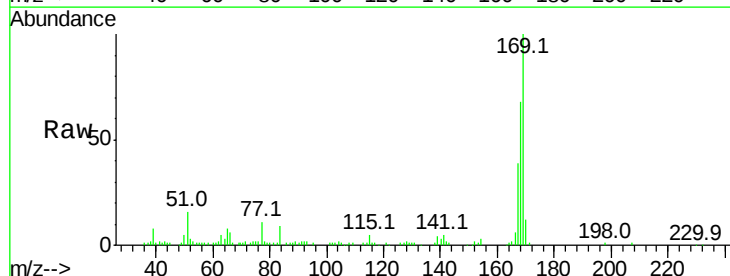
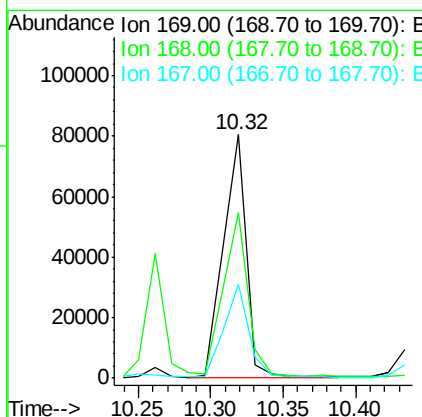
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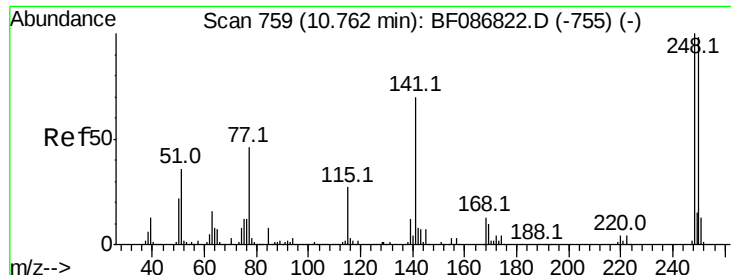
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#65
n-Nitrosodiphenylamine
Concen: 6.94 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	88997		
168	68.0	53.8	80.6	
167	38.5	29.5	44.3	





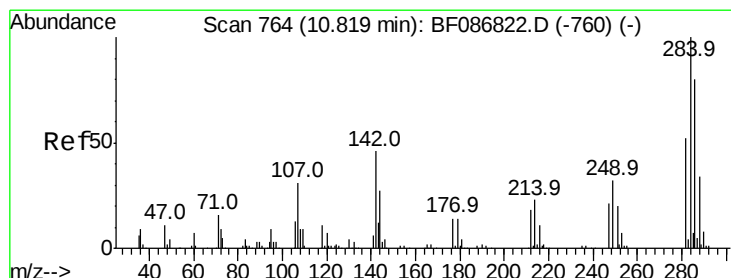
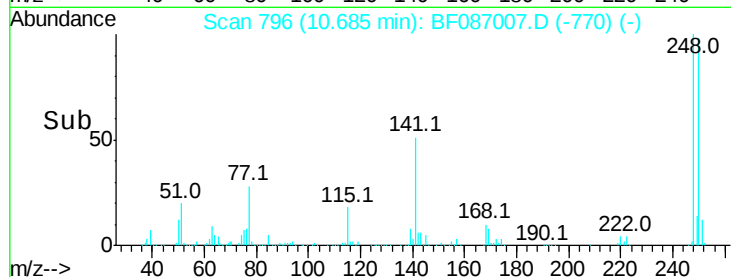
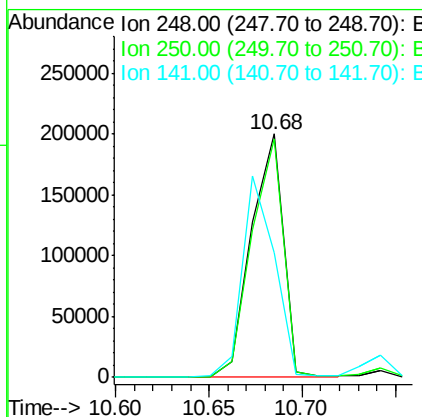
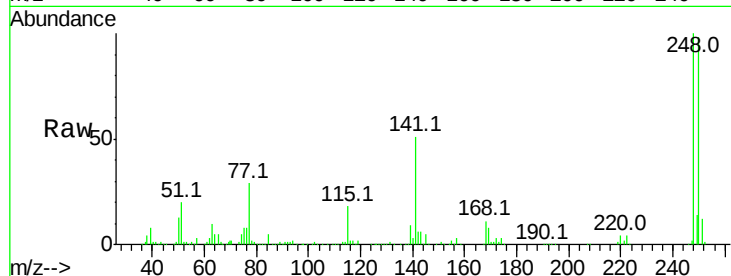
#66
 4-Bromophenyl-phenylether
 Concen: 56.32 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampled :
 WC-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	78.6	117.8	
141	51.4	76.0	114.0#	

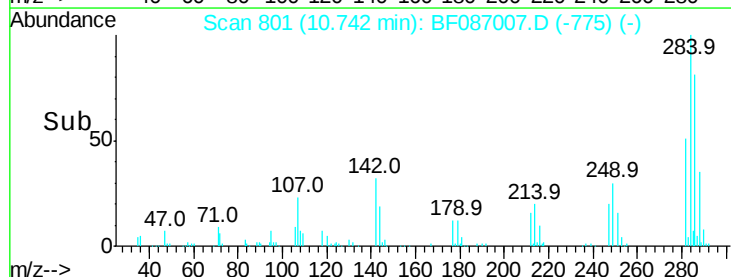
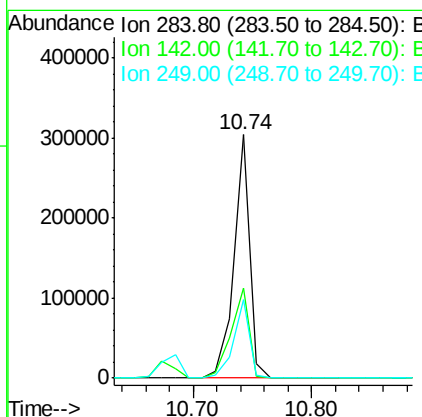
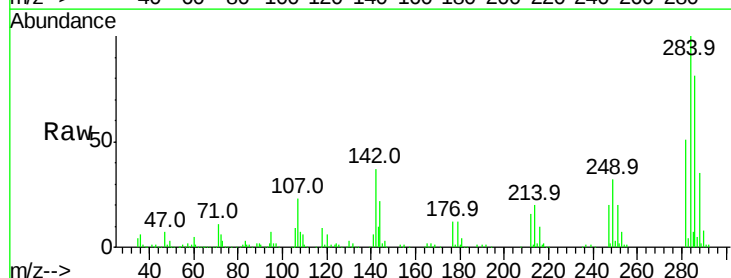
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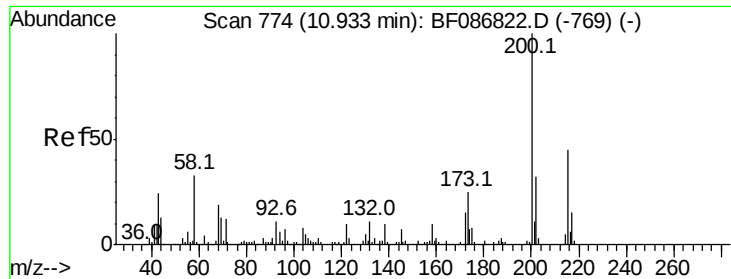
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#67
 Hexachlorobenzene
 Concen: 56.55 ng
 RT: 10.74 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.8	16.7	25.1#	
249	32.0	21.3	31.9#	





#68

Atrazine

Concen: 14.01 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.09 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

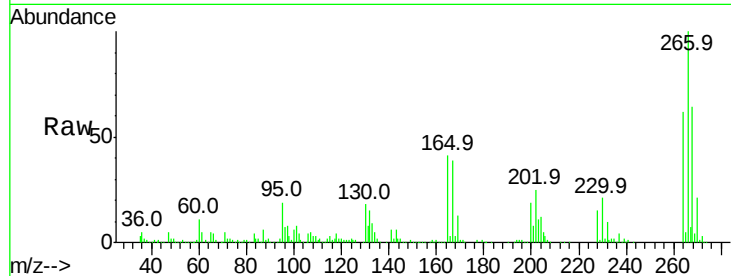
ClientSampleId :

WC-2MSD

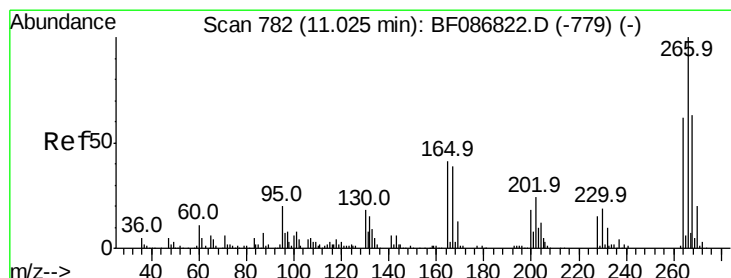
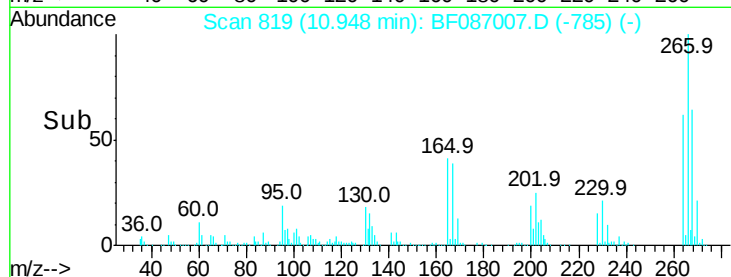
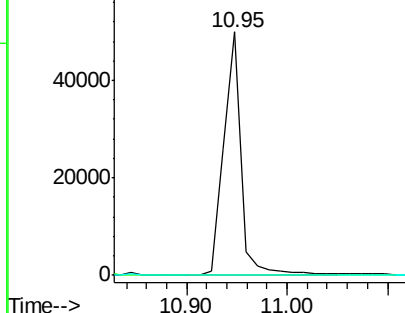
Tot Ion:	200	Resp:	60005
Ion Ratio	Lower	Upper	
200	100		
173	0.0	8.5	48.5#
215	0.0	27.2	67.2#

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



#69

Pentachlorophenol

Concen: 130.12 ng

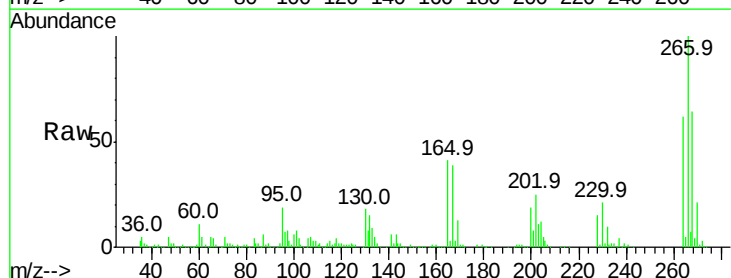
RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

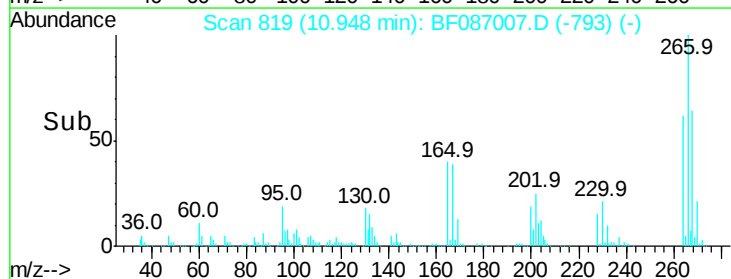
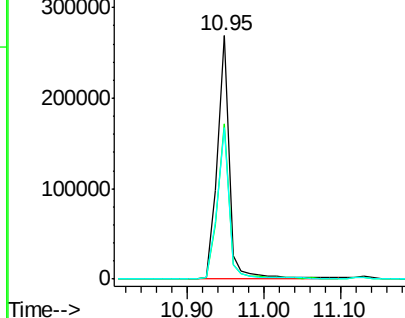
Lab File: BF087007.D

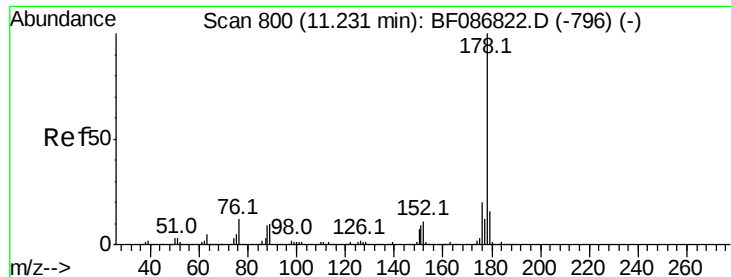
Acq: 14 May 2016 8:58

Tgt Ion:	266	Resp:	297419
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.5	77.3
264	62.4	52.9	79.3



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: 52.95 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion:178 Resp: 1179377

Ion Ratio Lower Upper

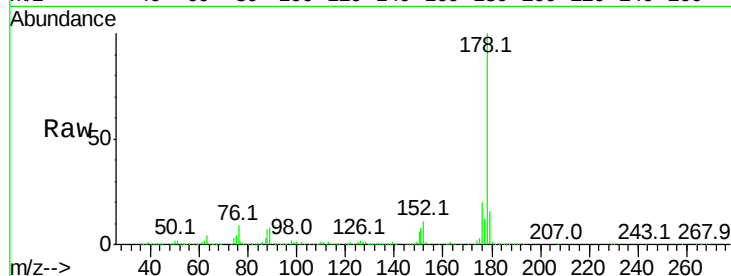
178 100

176 20.1 16.0 24.0

179 15.8 12.6 18.8

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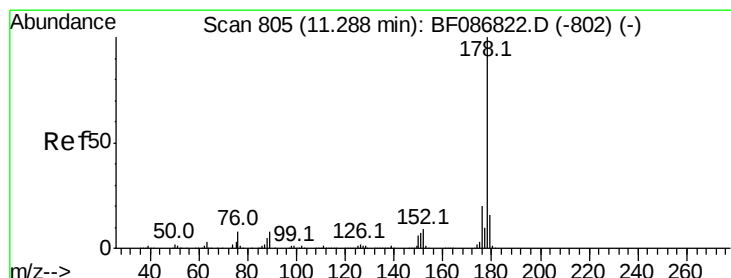
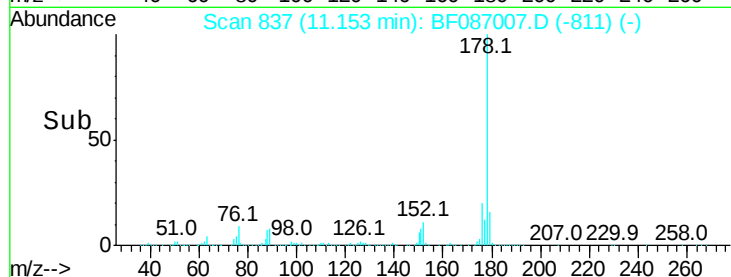
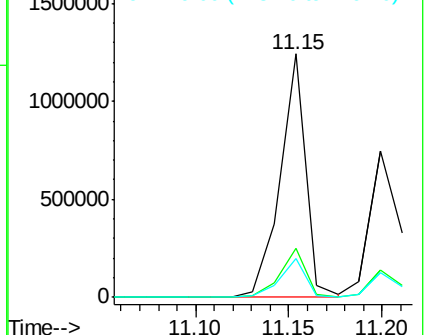
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 36.18 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

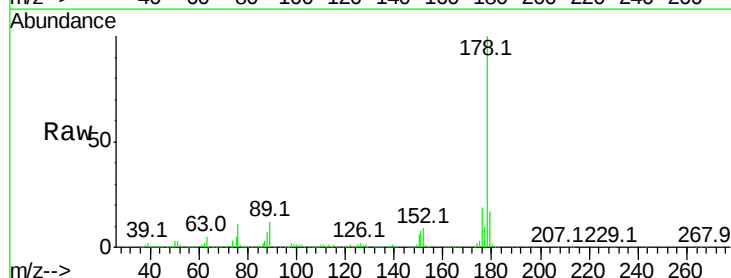
Tgt Ion:178 Resp: 824136

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

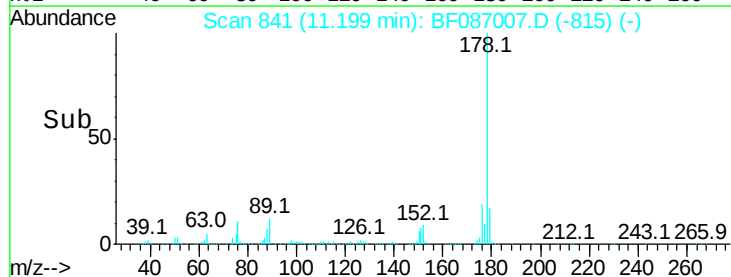
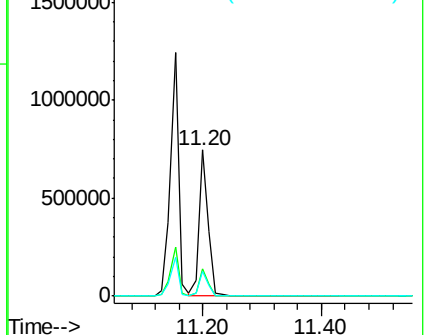
179 17.0 12.7 19.1

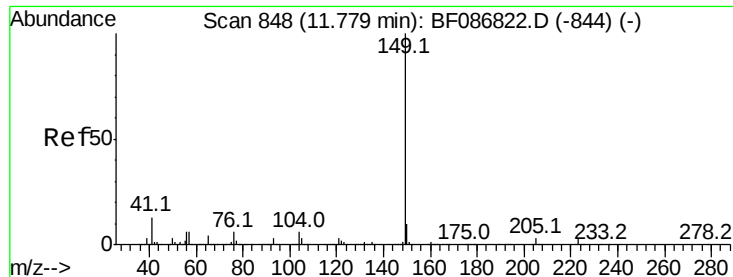


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

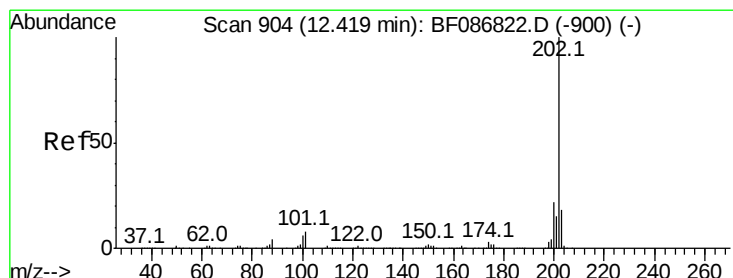
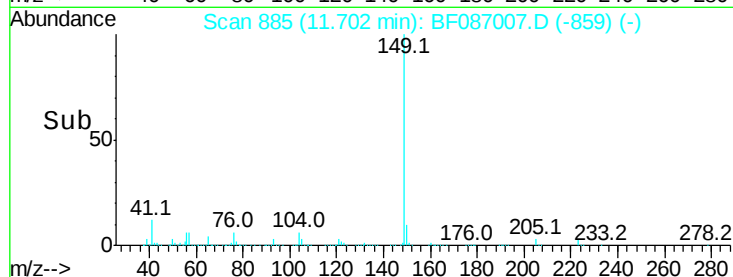
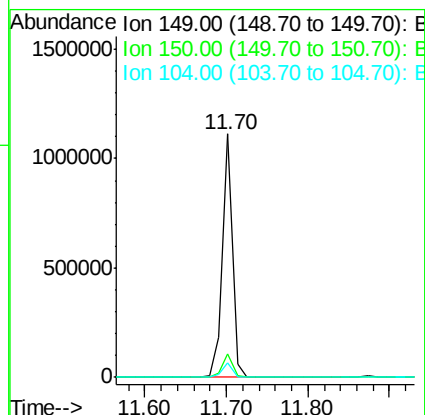
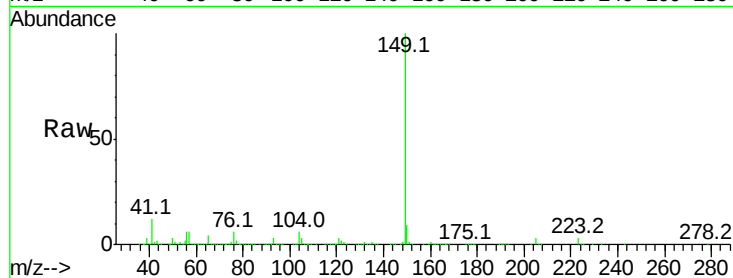
ClientSampleId :

WC-2MSD

Tot Ion:	149	Resp:	940930
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.9	3.8	5.6#

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#74

Fluoranthene

Concen: 32.11 ng

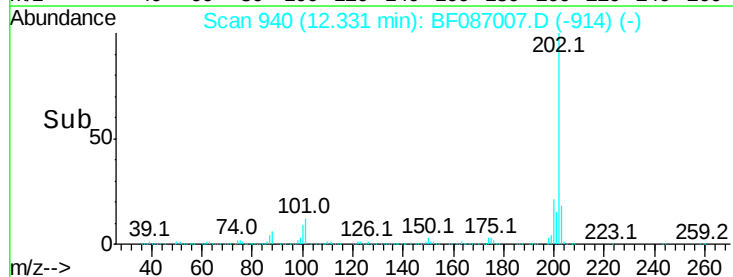
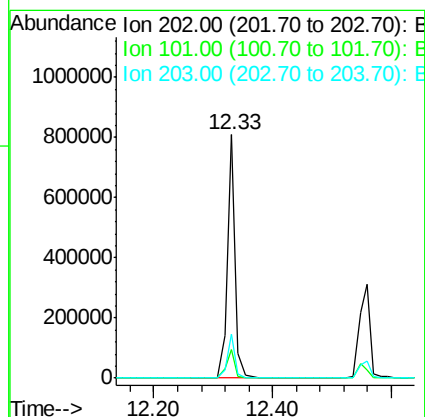
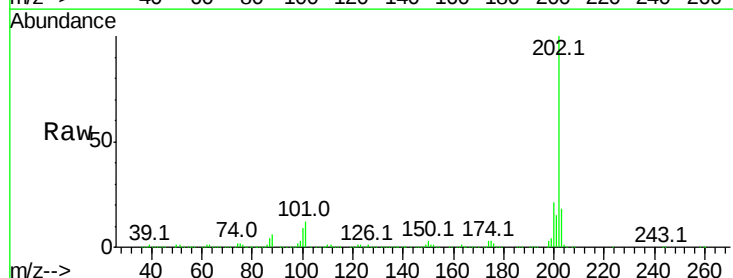
RT: 12.33 min Scan# 940

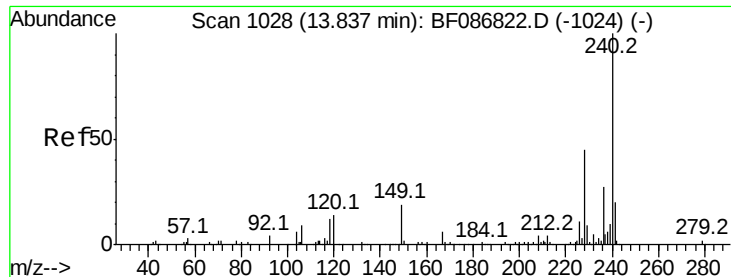
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	202	Resp:	735701
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	35.4
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

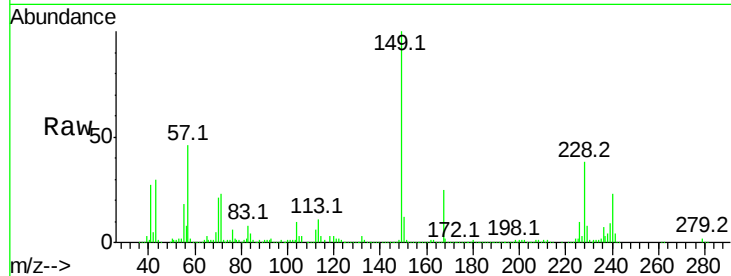
ClientSampleId :

WC-2MSD

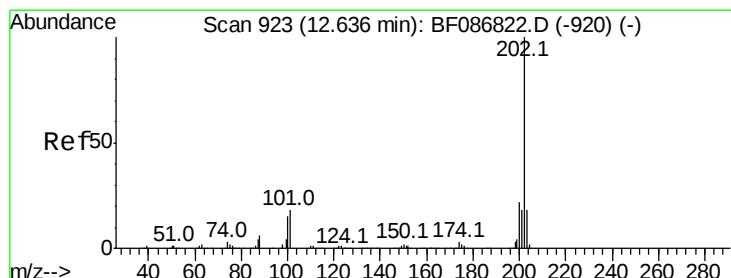
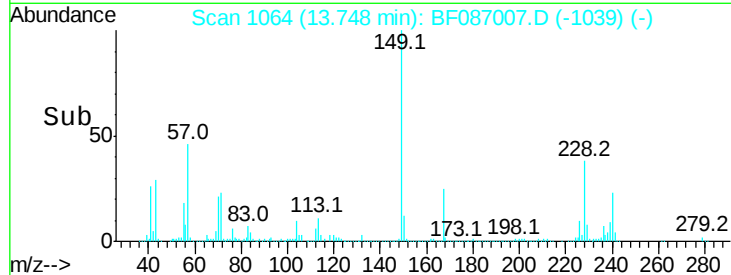
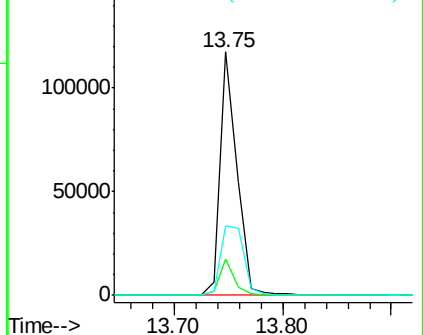
Tot Ion:	240	Resp:	127114
Ion Ratio		Lower	Upper
240	100		
120	14.9	11.2	16.8
236	28.6	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.79 ng

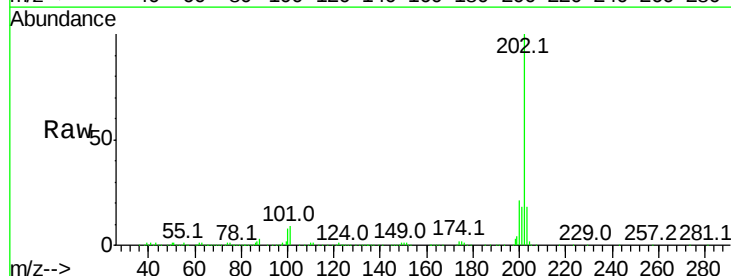
RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

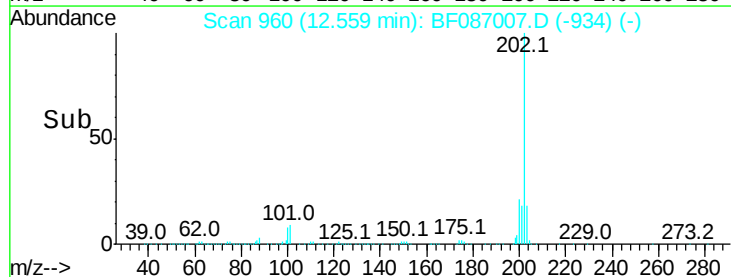
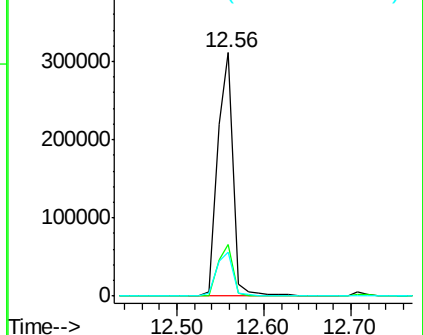
Lab File: BF087007.D

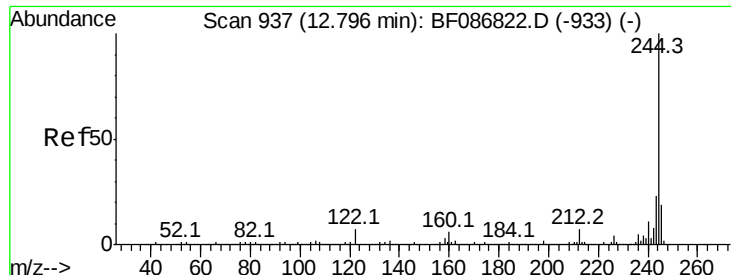
Acq: 14 May 2016 8:58

Tgt Ion:	202	Resp:	387186
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.7	26.5
203	18.2	14.2	21.4



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





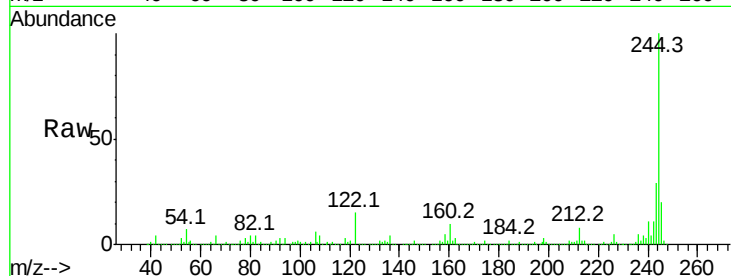
#78
 Terphenyl-d14
 Concen: 215.03 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MSD

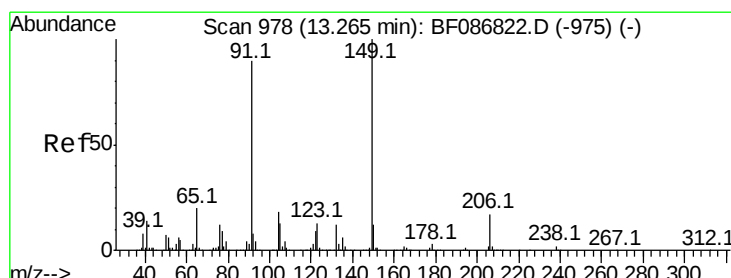
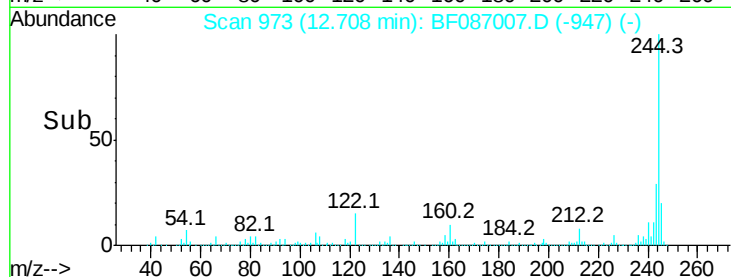
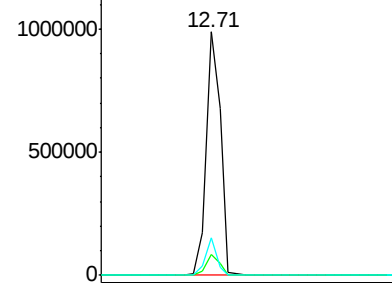
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.4	12.0	18.0

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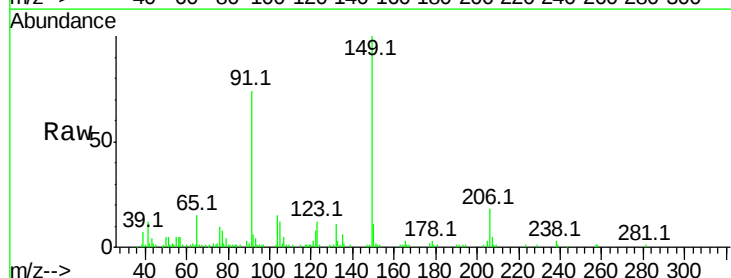


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

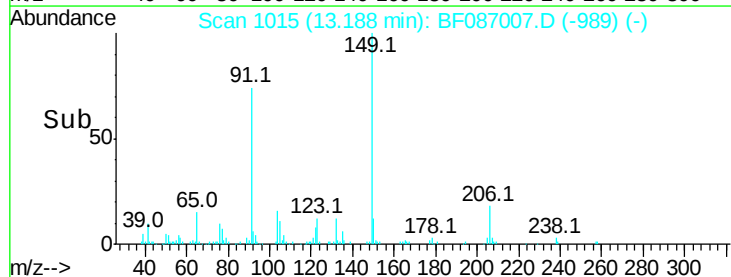
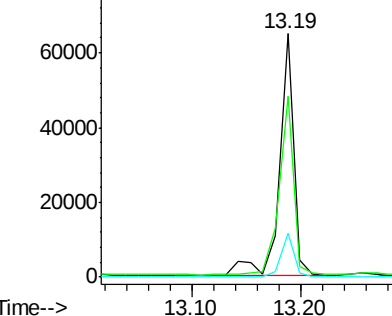


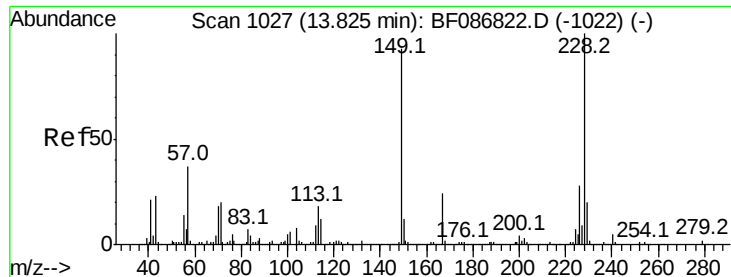
#79
 Butylbenzylphthalate
 Concen: 14.64 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	48.0	72.0#
206	18.1	15.8	23.6



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





#80

Benzo(a)anthracene

Concen: 54.90 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

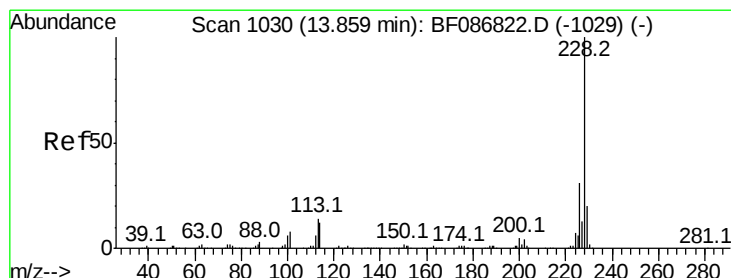
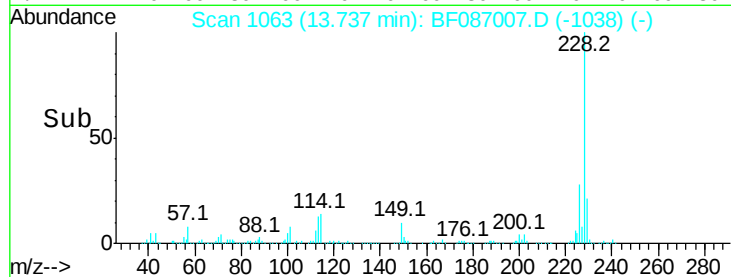
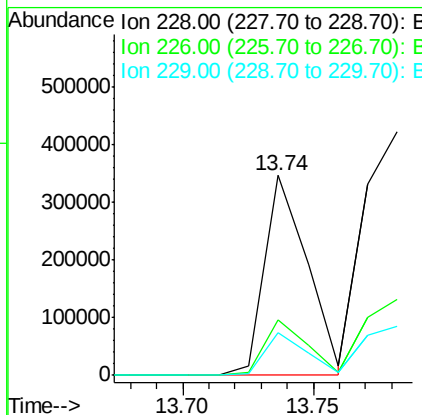
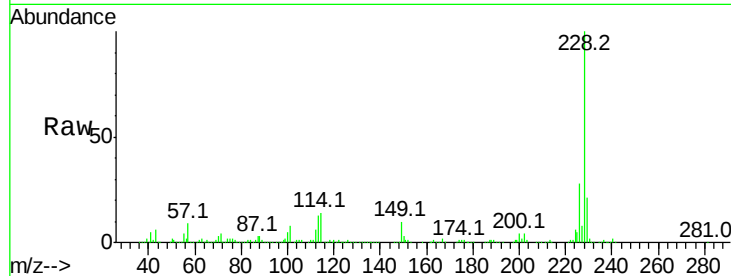
ClientSampleId :

WC-2MSD

Tot Ion:	228	Resp:	391729
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.5	33.7
229	21.3	16.6	25.0

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#82

Chrysene

Concen: 76.42 ng

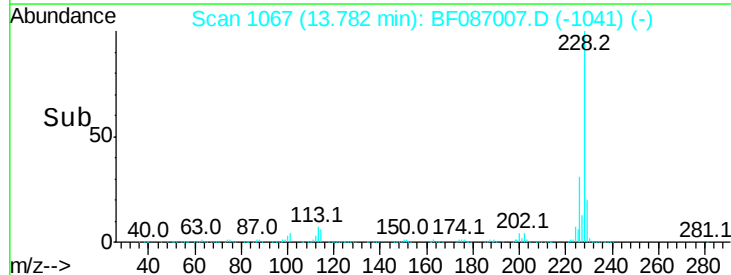
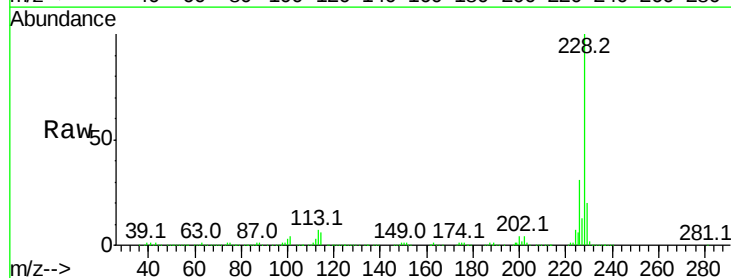
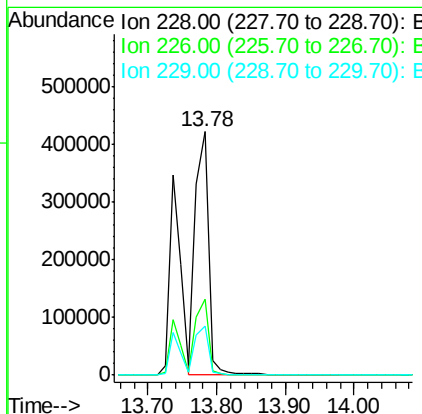
RT: 13.78 min Scan# 1067

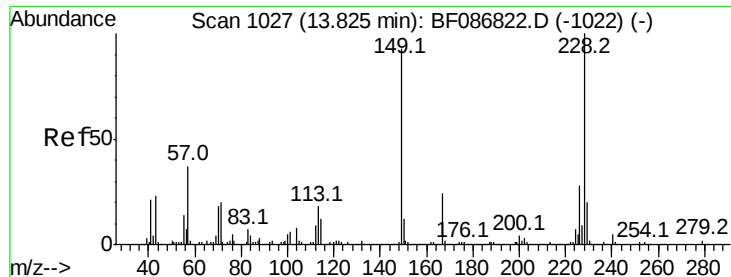
Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	228	Resp:	554726
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	20.3	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 96.34 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

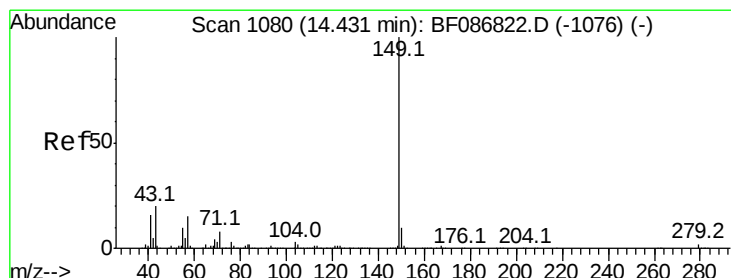
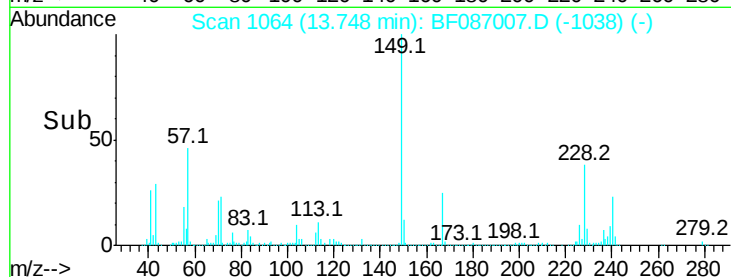
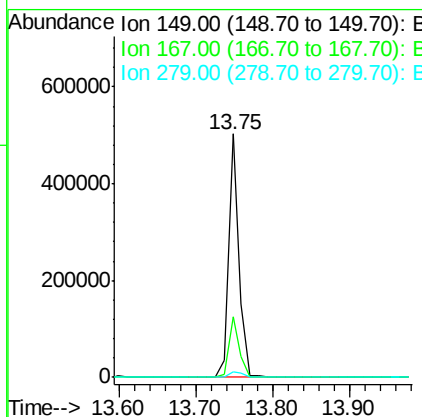
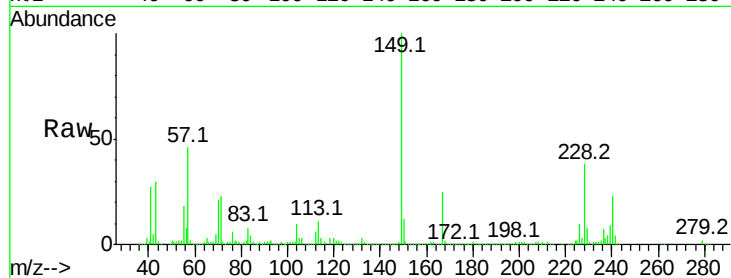
ClientSampleId :

WC-2MSD

Tot Ion:	149	Resp:	477000
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.8	32.6
279	2.3	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 79.49 ng

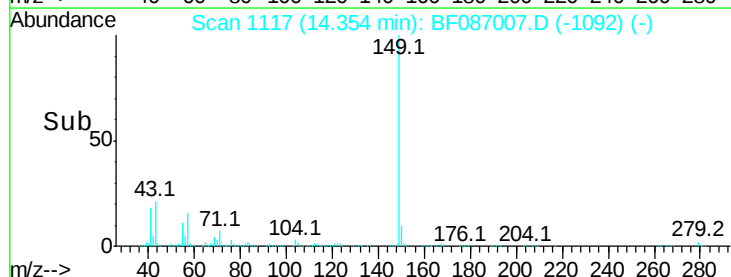
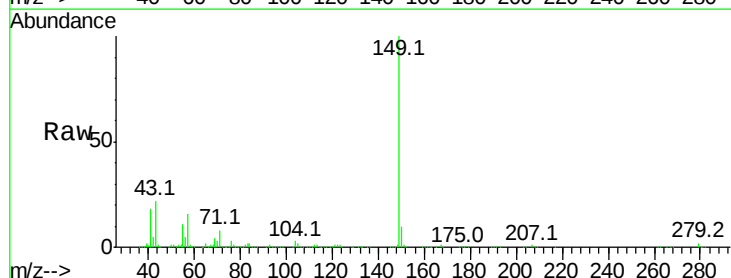
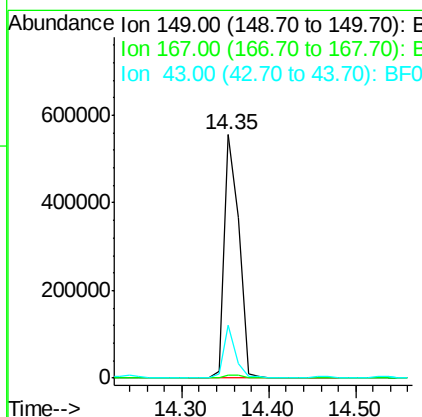
RT: 14.35 min Scan# 1117

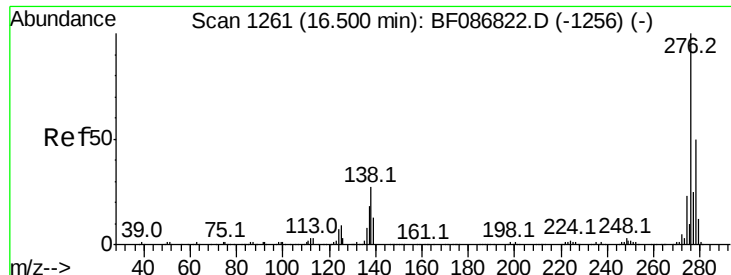
Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Tgt Ion:	149	Resp:	652000
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	16.6	8.2	12.4#





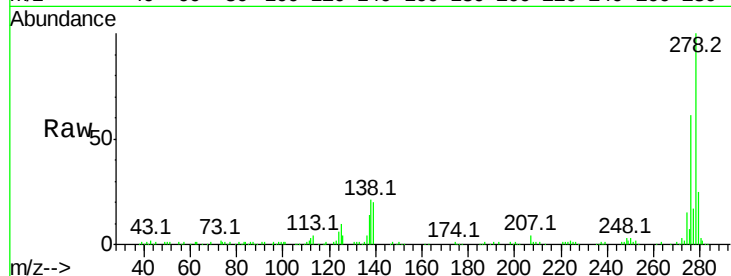
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.40 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Instrument :
 BNA_F
 ClientSampleID :
 WC-2MSD

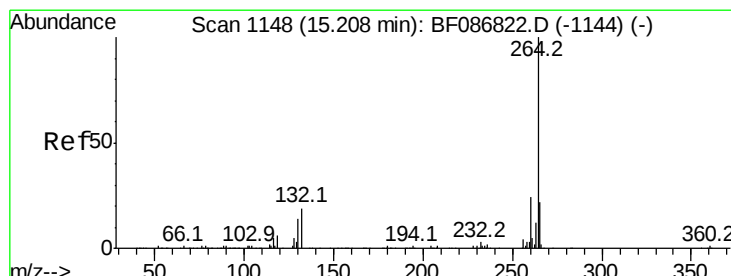
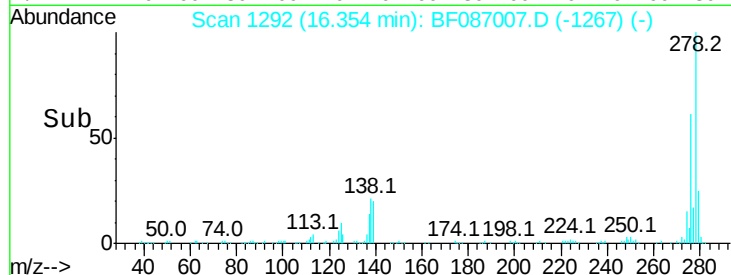
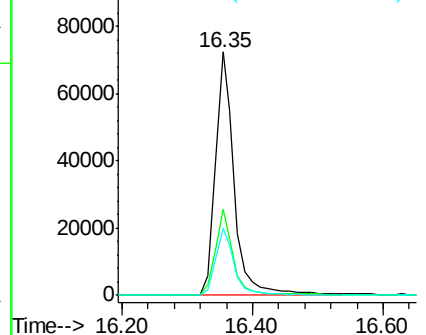
Tot Ion	Ratio	Resp	Lower	Upper
276	100	147387		
138	33.8	25.6	38.4	
277	27.4	20.5	30.7	

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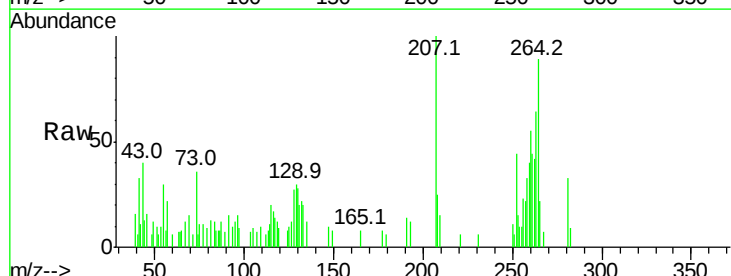


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

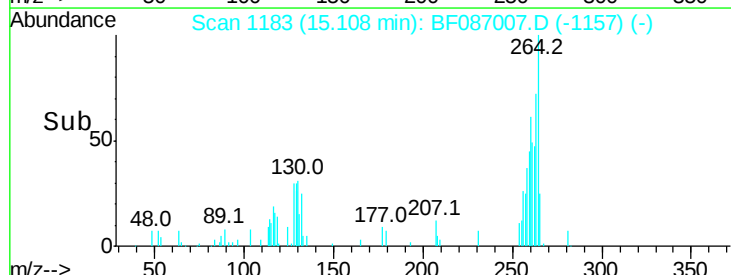
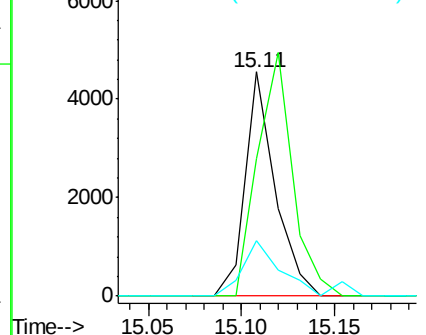


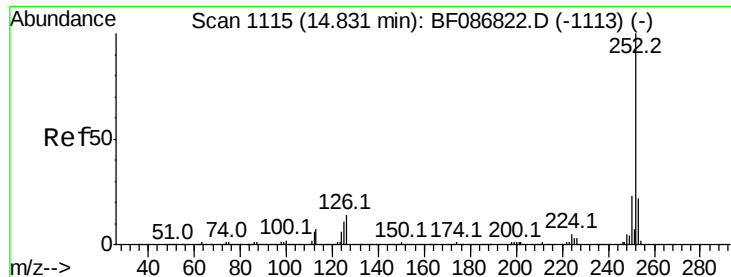
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087007.D
 Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	5069		
260	61.4	19.5	29.3#	
265	24.7	17.3	25.9	



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





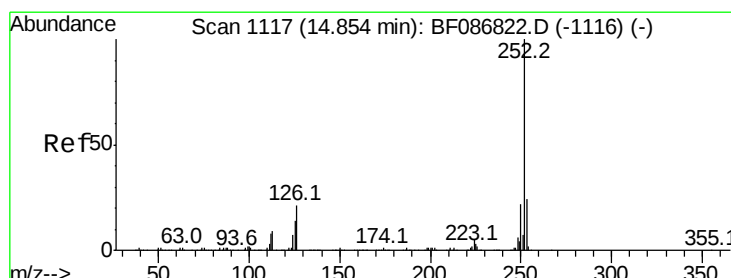
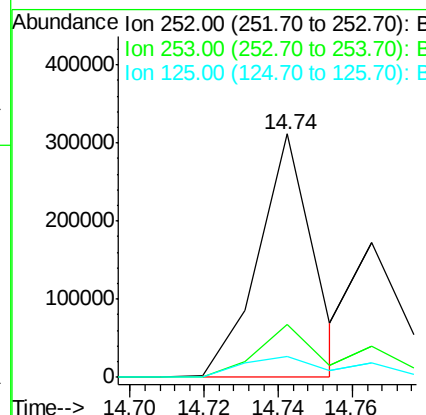
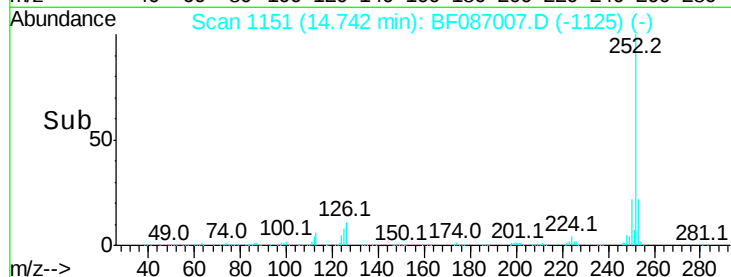
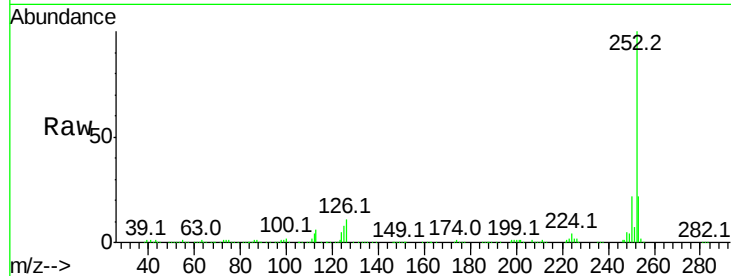
#87
Benzo(b)fluoranthene
Concen: 970.22 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.5	11.4	17.0

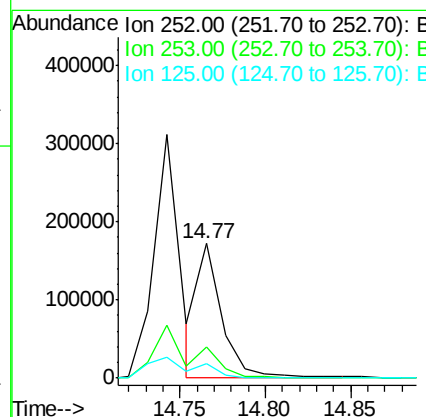
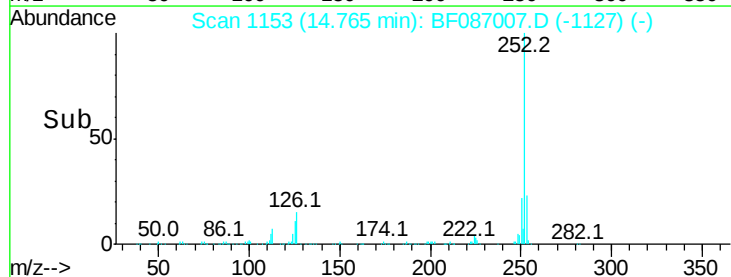
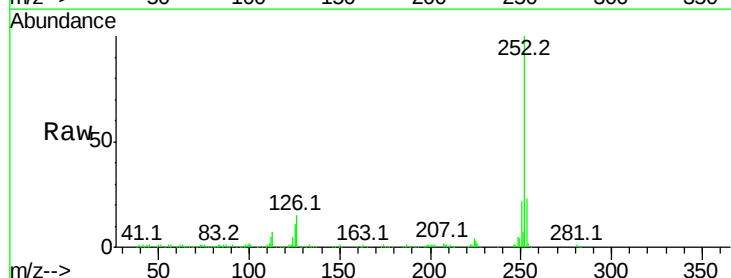
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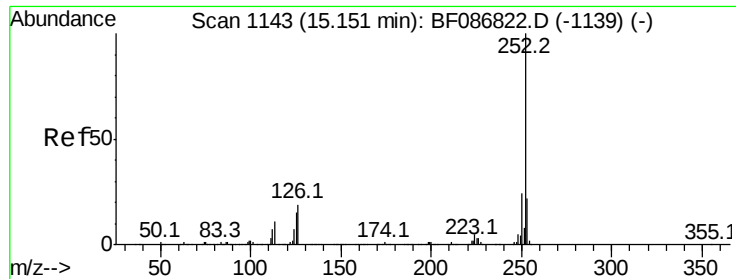
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#88
Benzo(k)fluoranthene
Concen: 646.09 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.6	9.1	13.7





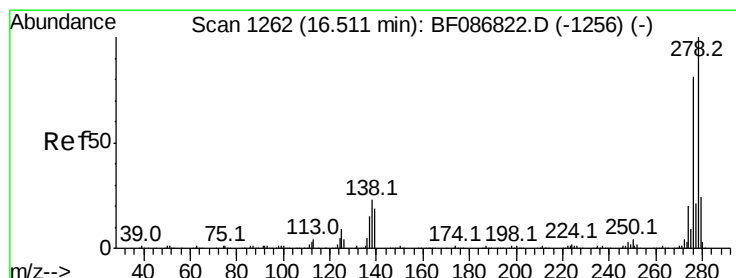
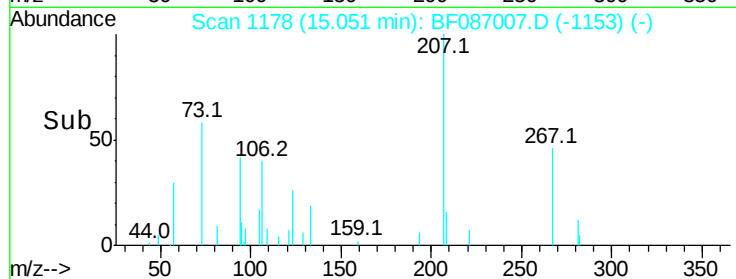
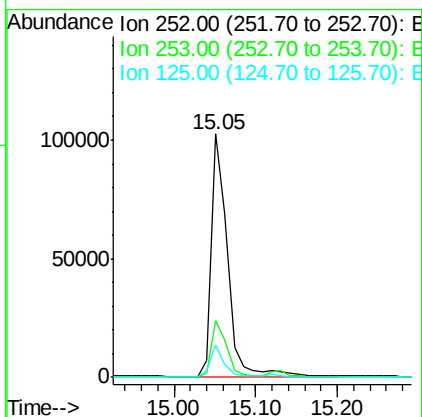
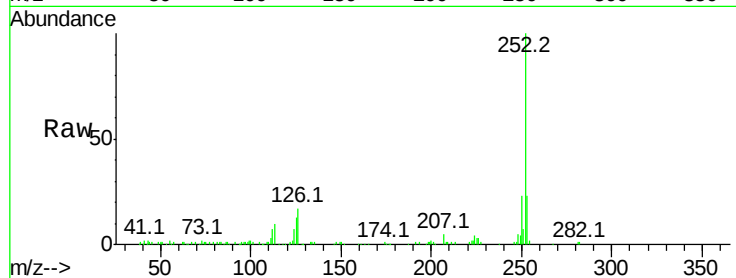
#89
Benzo(a)pyrene
Concen: 499.36 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.5	9.0	13.6

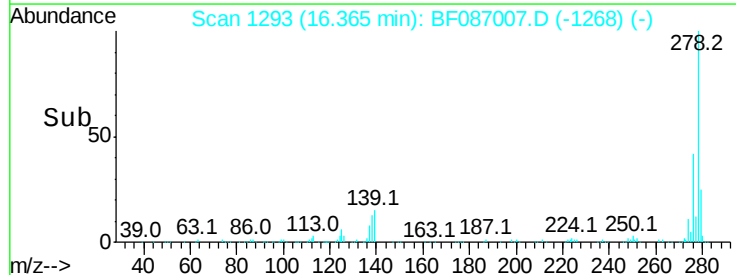
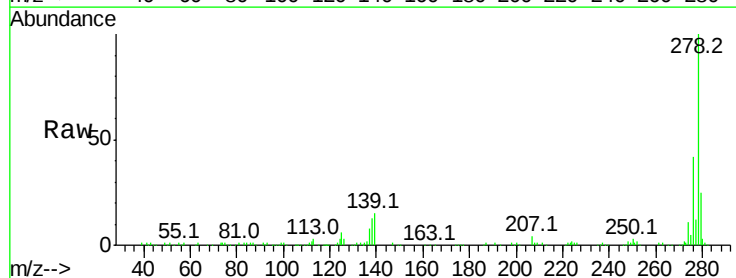
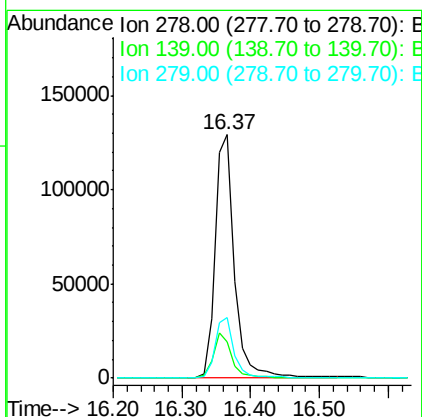
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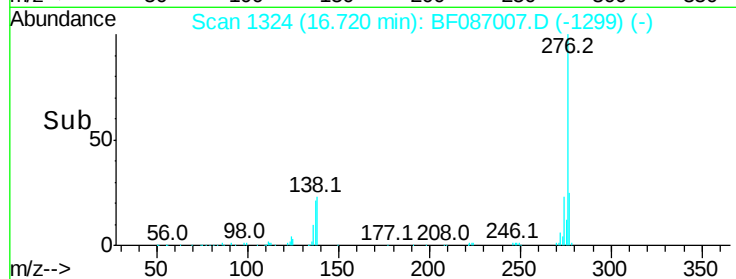
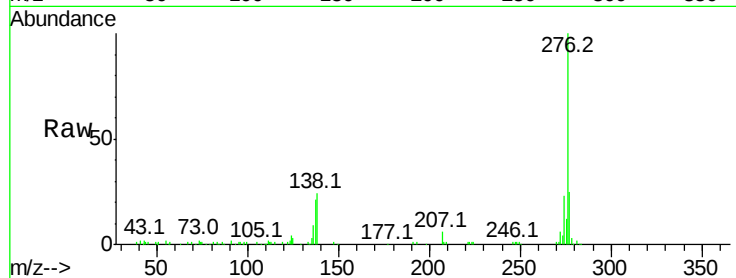
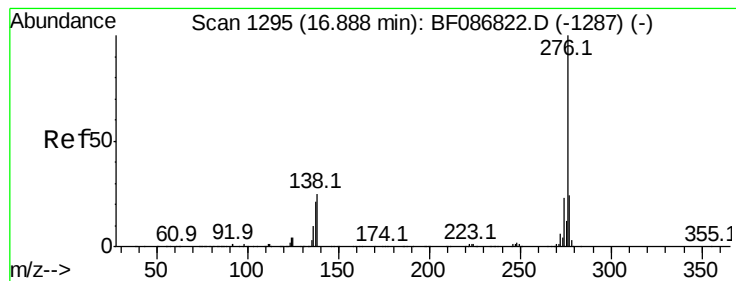
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#90
Dibenzo(a,h)anthracene
Concen: 1076.54 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087007.D
Acq: 14 May 2016 8:58

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.8	16.6	24.8#
279	24.7	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 738.50 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF087007.D

Acq: 14 May 2016 8:58

Instrument :

BNA_F

ClientSampleId :

WC-2MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.3	19.6	29.4
138	23.6	23.6	35.4

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