

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086845.D
 Acq On : 10 May 2016 2:51
 Operator : UM/SJ
 Sample : H2895-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Manual Integrations
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 5/10/2016 11:06:08 AM

Quant Time: May 10 03:58:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	171989	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	719308	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	337907	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	595981	20.00	ng	0.00
75) Chrysene-d12	13.84	240	340753	20.00	ng	0.00
86) Perylene-d12	15.21	264	347559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1262725	124.34	ng	0.01
7) Phenol-d6	6.36	99	1654303	121.88	ng	0.00
23) Nitrobenzene-d5	7.26	82	1194544	83.39	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	411462	115.02	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1565487	77.86	ng	0.00
78) Terphenyl-d14	12.79	244	1328832	82.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	152696	30.63	ng	# 69
3) Pyridine	2.92	79	432381	35.47	ng	# 67
4) n-Nitrosodimethylamine	2.88	42	348284	39.40	ng	# 51
6) Aniline	6.36	93	437530	26.65	ng	# 45
8) 2-Chlorophenol	6.49	128	499734	40.78	ng	97
9) Benzaldehyde	6.24	77	49471	6.29	ng	92
10) Phenol	6.37	94	711129	44.08	ng	72
11) bis(2-Chloroethyl)ether	6.44	93	502985	39.99	ng	91
12) 1,3-Dichlorobenzene	6.62	146	491786m	37.08	ng	
13) 1,4-Dichlorobenzene	6.70	146	494295m	36.55	ng	
14) 1,2-Dichlorobenzene	6.86	146	476679	40.44	ng	99
15) Benzyl Alcohol	6.85	79	430566	45.94	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	982760	35.93	ng	56
17) 2-Methylphenol	6.98	107	424509	43.53	ng	# 82
18) Hexachloroethane	7.20	117	186262	36.61	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	429316	45.26	ng	# 78
20) 3+4-Methylphenols	7.14	107	566381	44.47	ng	# 58
22) Acetophenone	7.12	105	730259	42.98	ng	99
24) Nitrobenzene	7.29	77	618548	41.97	ng	98
25) Isophorone	7.53	82	1049239	39.48	ng	99
26) 2-Nitrophenol	7.61	139	268248	41.41	ng	94
27) 2,4-Dimethylphenol	7.65	122	433346	39.27	ng	86
28) bis(2-Chloroethoxy)methane	7.74	93	669813	46.72	ng	98
29) 2,4-Dichlorophenol	7.85	162	405553	41.76	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	447864	41.24	ng	98
31) Naphthalene	8.00	128	1429163	39.67	ng	99
32) Benzoic acid	7.77	122	66416	10.25	ng	# 82
33) 4-Chloroaniline	8.06	127	248553	17.75	ng	96
34) Hexachlorobutadiene	8.12	225	248985	39.52	ng	98
35) Caprolactam	8.45	113	140812m	42.61	ng	
36) 4-Chloro-3-methylphenol	8.57	107	458506	38.93	ng	91
37) 2-Methylnaphthalene	8.69	142	934090	44.35	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	385084	39.20	ng	99
40) Hexachlorocyclopentadiene	8.84	237	212156	45.50	ng	96

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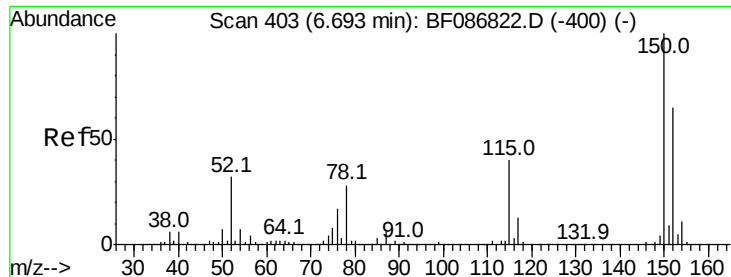
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	270334	41.15	nq	96
43) 2,4,5-Trichlorophenol	9.04	196	282254	41.54	nq	95
45) 1,1'-Biphenyl	9.16	154	1186001	44.13	nq	99
46) 2-Chloronaphthalene	9.18	162	886625	42.11	nq	99
47) 2-Nitroaniline	9.29	65	321259	41.74	nq	# 76
48) Acenaphthylene	9.60	152	1321499	42.67	nq	99
49) Dimethylphthalate	9.47	163	1388388	53.86	nq	99
50) 2,6-Dinitrotoluene	9.53	165	223489	41.19	nq	# 65
51) Acenaphthene	9.77	154	906941	47.07	nq	98
52) 3-Nitroaniline	9.70	138	133359	23.35	nq	# 79
53) 2,4-Dinitrophenol	9.81	184	88419	36.52	nq	90
54) Dibenzofuran	9.94	168	1215572	49.15	nq	96
55) 4-Nitrophenol	9.89	139	325175	85.07	nq	# 64
56) 2,4-Dinitrotoluene	9.94	165	292357	43.54	nq	# 87
57) Fluorene	10.28	166	1008432	47.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	241755	47.26	nq	# 100
59) Diethylphthalate	10.17	149	1039789	41.39	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	372614	39.34	nq	98
61) 4-Nitroaniline	10.32	138	203676	37.13	nq	# 72
62) Azobenzene	10.43	77	1164393	42.96	nq	85
64) 4,6-Dinitro-2-methylphenol	10.34	198	101642	27.45	nq	# 24
65) n-Nitrosodiphenylamine	10.40	169	788116	43.04	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	260277	43.07	nq	# 82
67) Hexachlorobenzene	10.82	284	261570	37.04	nq	# 74
68) Atrazine	10.93	200	272376	44.53	nq	95
69) Pentachlorophenol	11.02	266	279442	85.62	nq	98
70) Phenanthrene	11.24	178	2260384	71.07	nq	99
71) Anthracene	11.29	178	1550302	47.66	nq	99
72) Carbazole	11.45	167	1238926	44.31	nq	98
73) Di-n-butylphthalate	11.78	149	1331608	39.00	nq	# 98
74) Fluoranthene	12.42	202	1888856	57.74	nq	97
76) Benzidine	12.55	184	500985	57.67	nq	97
77) Pyrene	12.65	202	1889105	72.41	nq	99
79) Butylbenzylphthalate	13.27	149	471070	42.69	nq	# 72
80) Benzo(a)anthracene	13.83	228	1055056	55.15	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	163689	13.47	nq	99
82) Chrysene	13.86	228	900863	46.30	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	586001	44.15	nq	97
84) Di-n-octyl phthalate	14.43	149	979227	44.54	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.51	276	962716	59.46	nq	95
87) Benzo(b)fluoranthene	14.83	252	1035184m	45.83	nq	
88) Benzo(k)fluoranthene	14.85	252	790875m	42.76	nq	
89) Benzo(a)pyrene	15.16	252	976879	50.14	nq	# 96
90) Dibenzo(a,h)anthracene	16.52	278	763026	46.47	nq	# 92
91) Benzo(g,h,i)perylene	16.90	276	828955	49.68	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:152 Resp: 171989

Ion Ratio Lower Upper

152 100

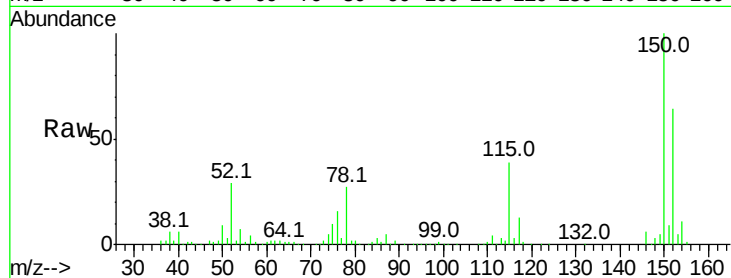
150 155.1 125.8 188.6

115 60.5 51.5 77.3

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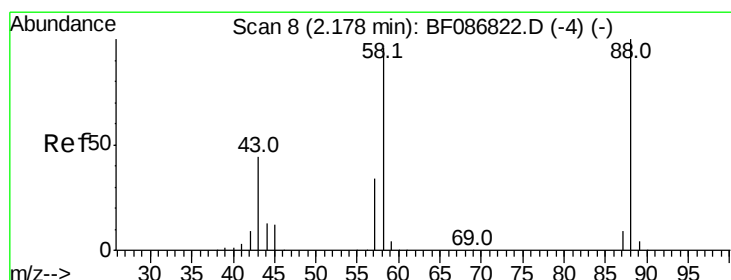
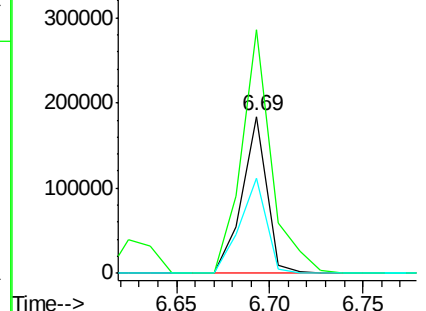
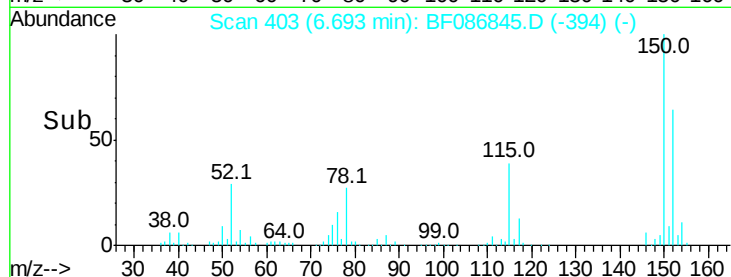
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.63 ng

RT: 2.25 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

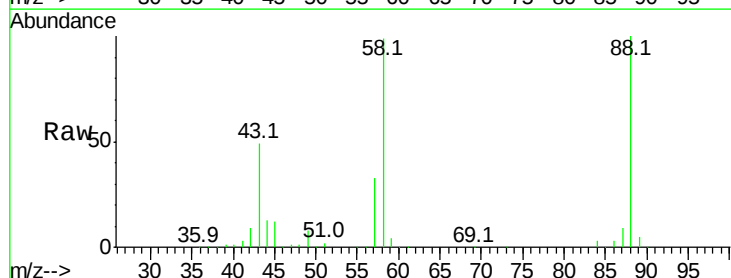
Tgt Ion: 88 Resp: 152696

Ion Ratio Lower Upper

88 100

58 98.4 59.6 89.4#

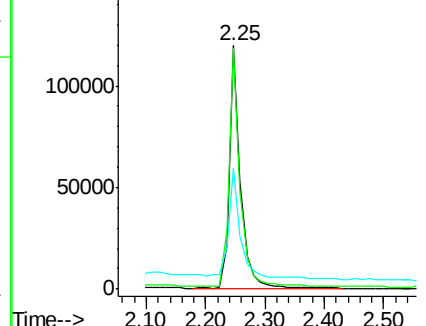
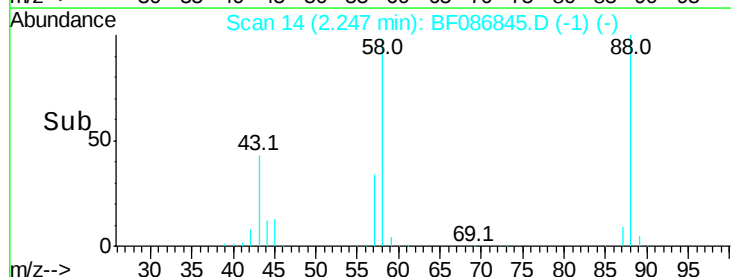
43 46.7 21.8 32.6#

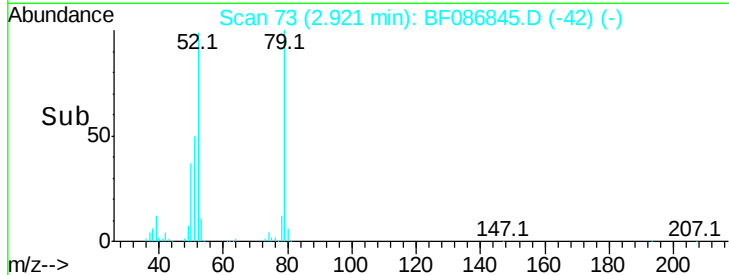
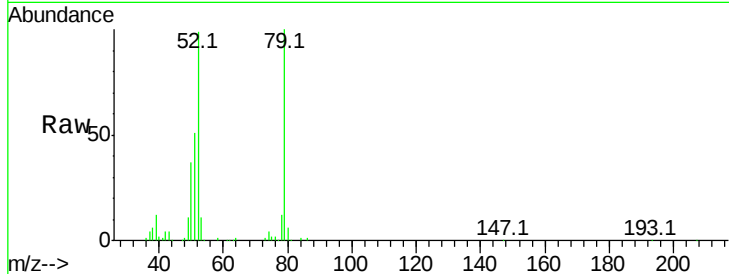
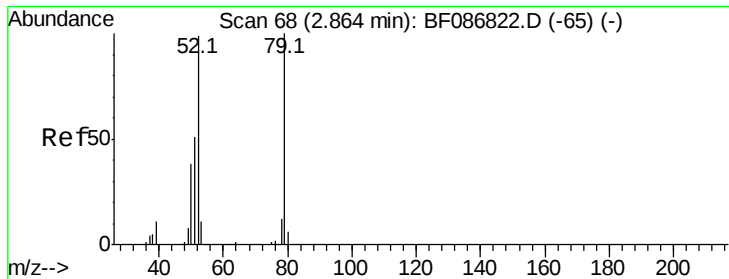


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





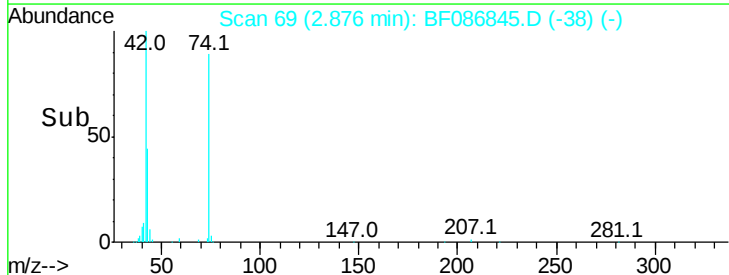
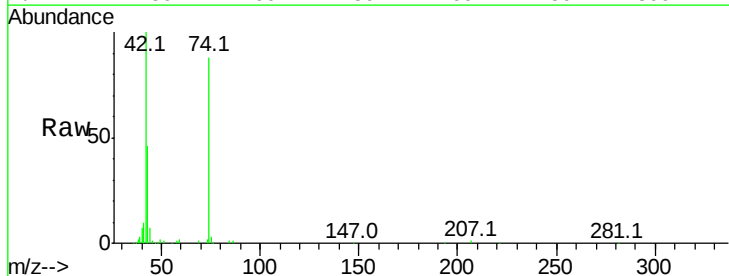
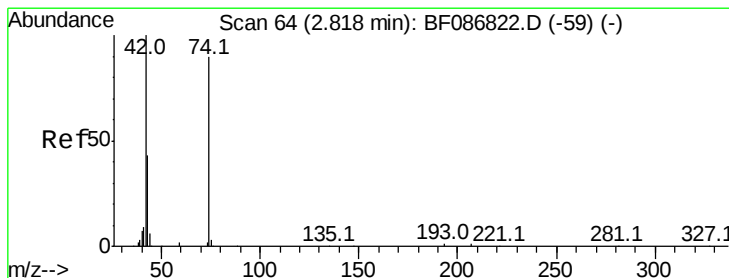
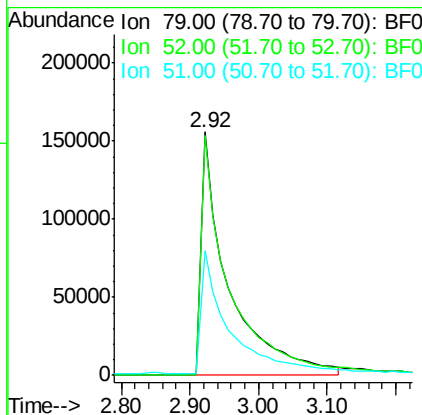
#3
Pvridine
Concen: 35.47 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.6	55.9	83.9#
51	51.1	28.1	42.1#

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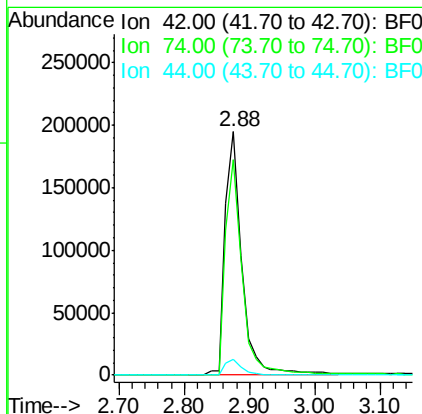
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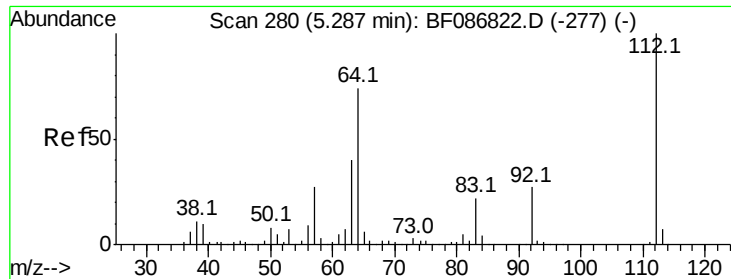
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#4
n-Nitrosodimethylamine
Concen: 39.40 ng
RT: 2.88 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.3	123.4	185.0#
44	6.6	5.8	8.6





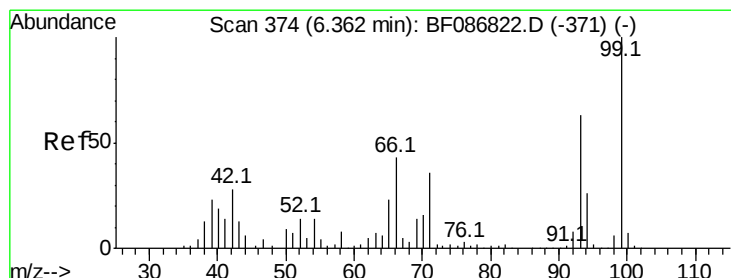
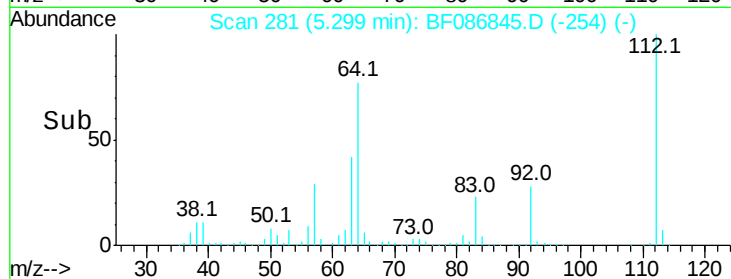
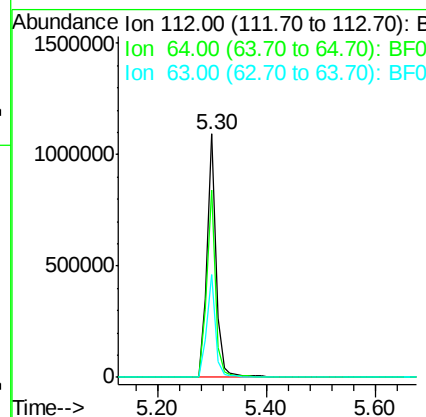
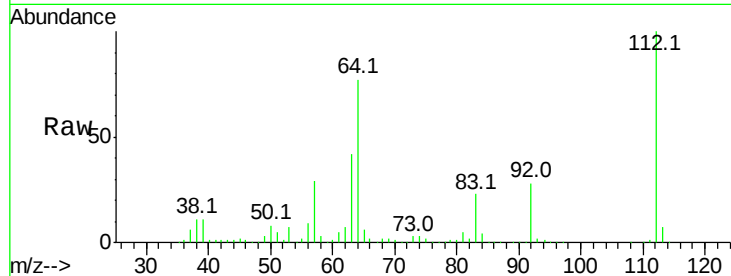
#5
 2-Fluorophenol
 Concen: 124.34 ng
 RT: 5.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1262725		
64	76.7	52.1	78.1	
63	42.0	25.7	38.5#	

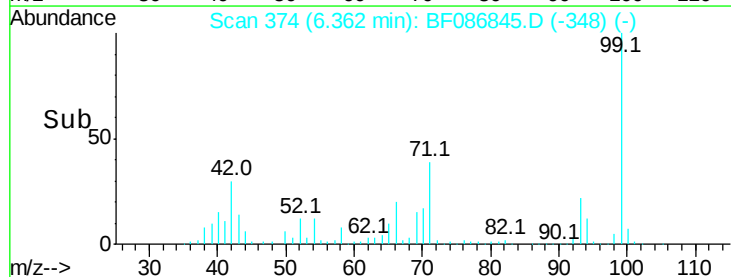
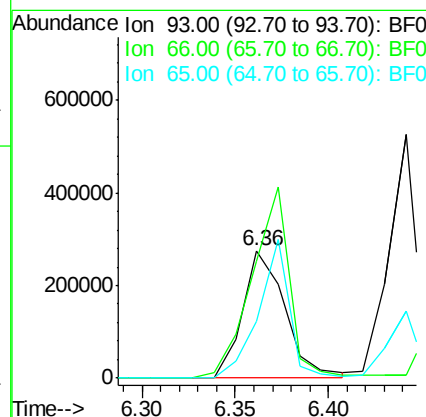
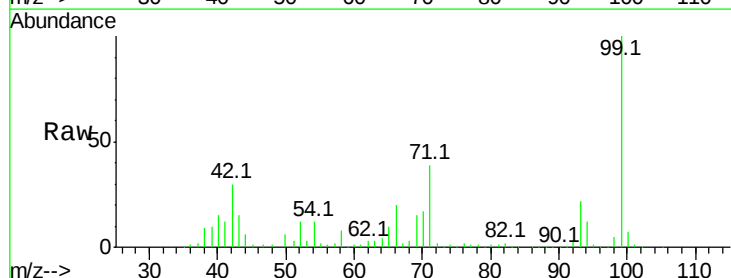
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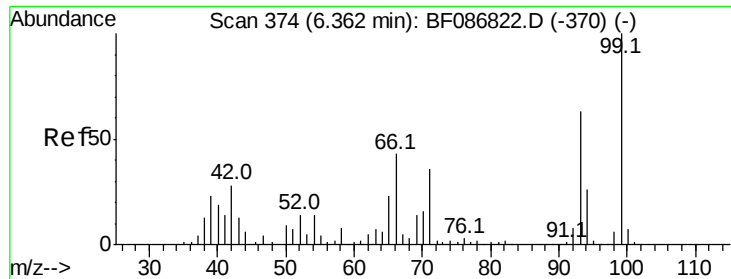
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#6
 Aniline
 Concen: 26.65 ng
 RT: 6.36 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	437530		
66	92.2	39.0	58.6#	
65	44.8	20.6	31.0#	





#7

Phenol-d6

Concen: 121.88 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion: 99 Resp: 1654303

Ion Ratio Lower Upper

99 100

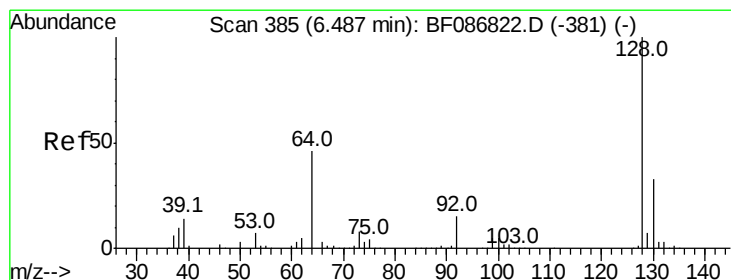
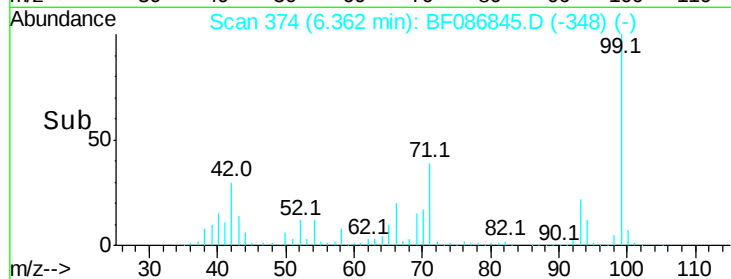
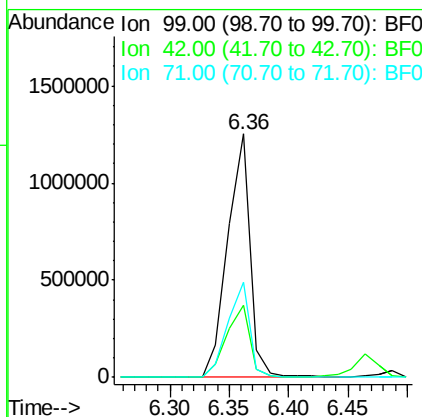
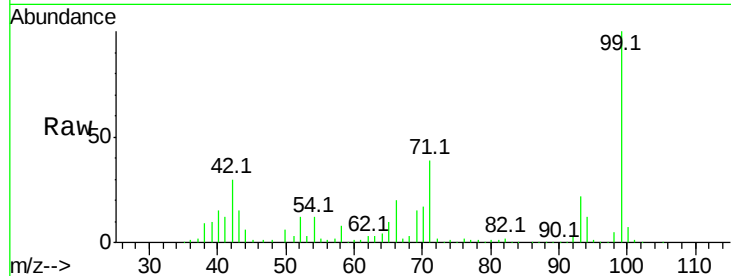
42 29.9 13.6 20.4#

71 39.2 24.6 36.8#

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#8

2-Chlorophenol

Concen: 40.78 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

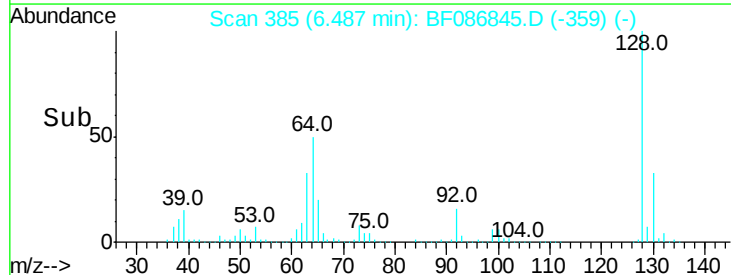
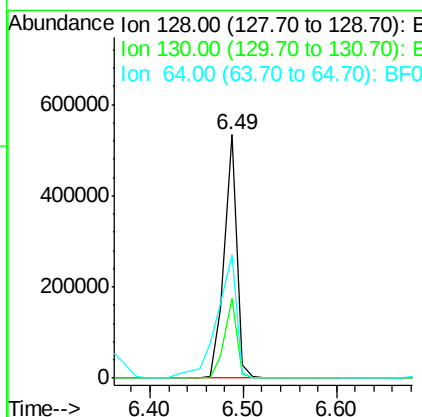
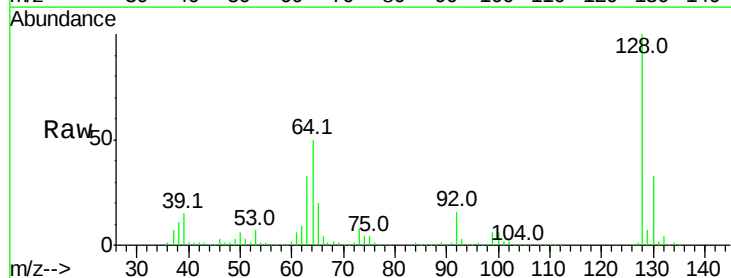
Tgt Ion: 128 Resp: 499734

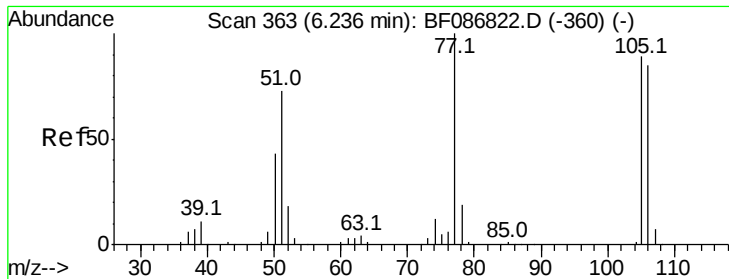
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 50.4 27.3 67.3





#9

Benzaldehyde

Concen: 6.29 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

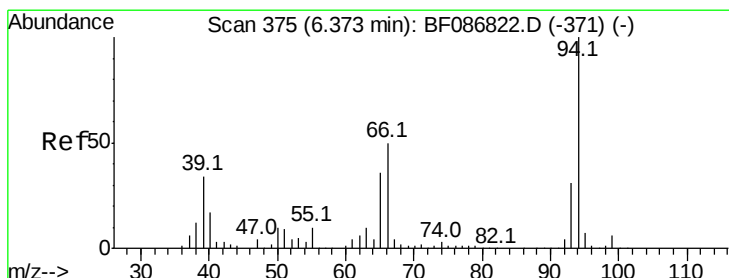
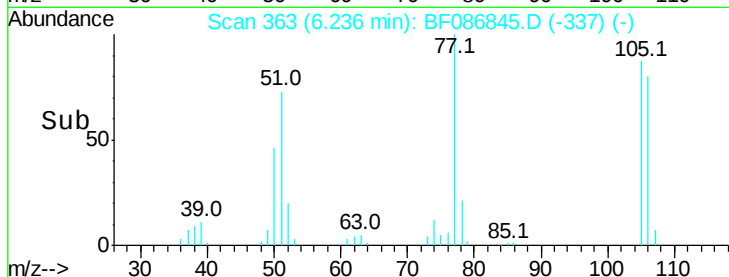
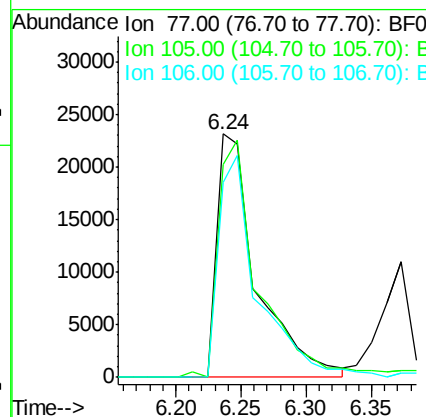
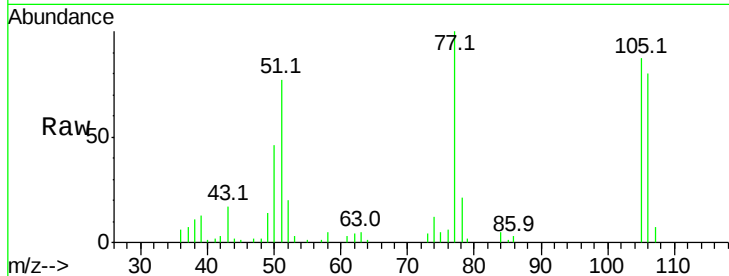
ClientSampleId :

TP8-9.5FTMSD

Tot Ion: 77 Resp: 49471
 Ion Ratio Lower Upper
 77 100
 105 87.2 72.7 112.7
 106 80.3 70.8 110.8

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#10

Phenol

Concen: 44.08 ng

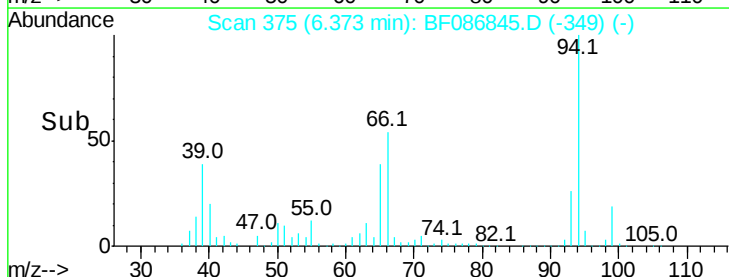
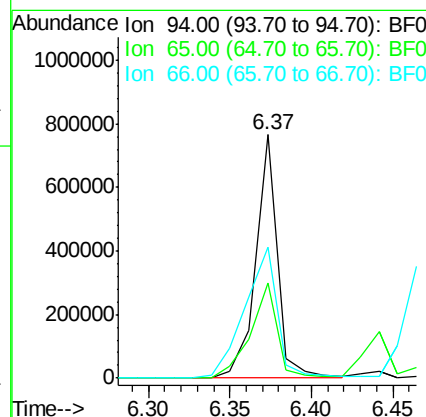
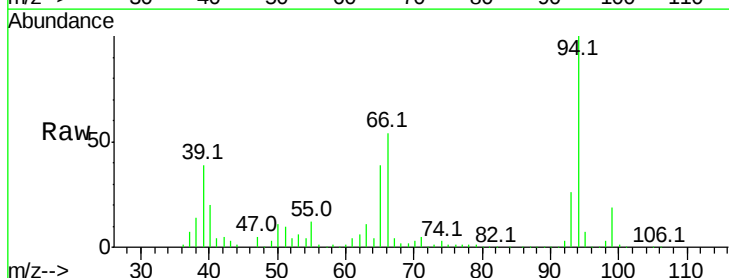
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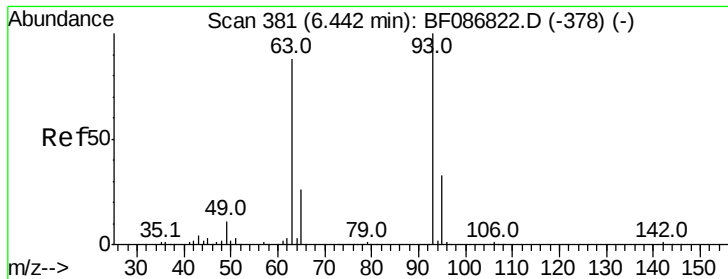
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion: 94 Resp: 711129
 Ion Ratio Lower Upper
 94 100
 65 39.2 7.2 47.2
 66 53.8 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.99 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

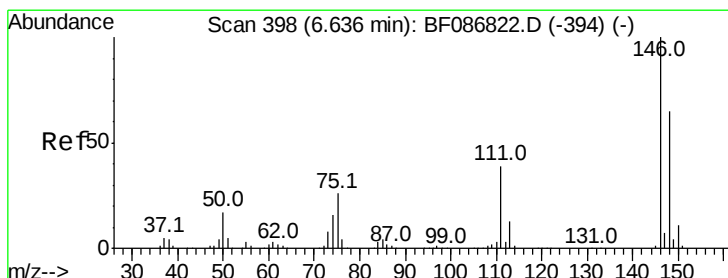
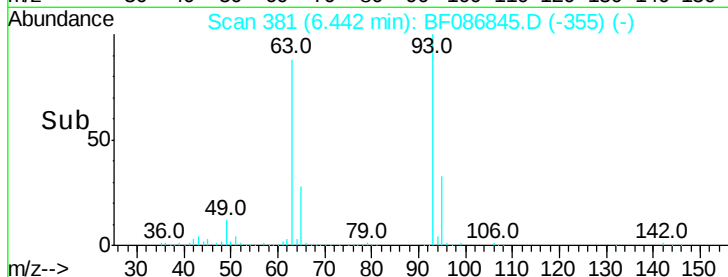
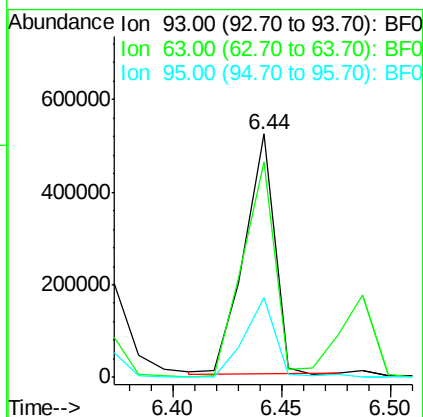
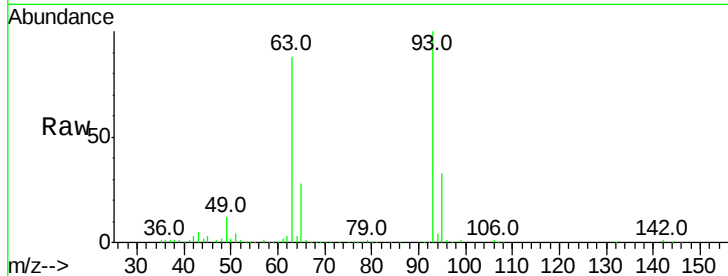
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	93	Resp:	502985
Ion Ratio	Lower	Upper	
93	100		
63	88.3	58.0	98.0
95	32.8	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.08 ng m

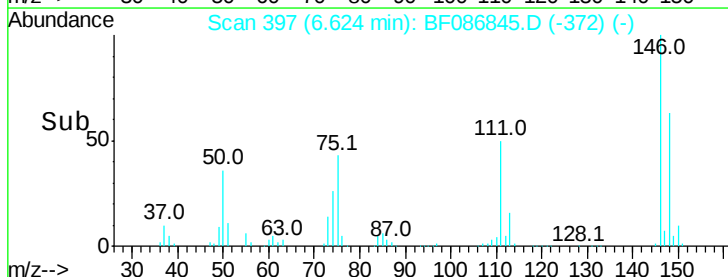
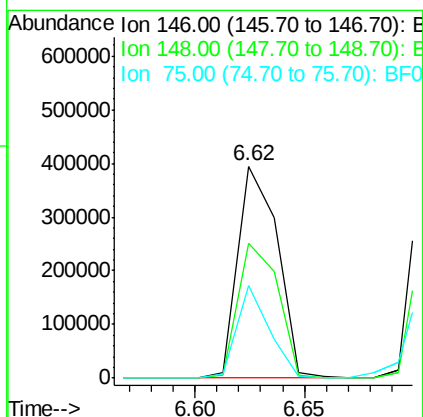
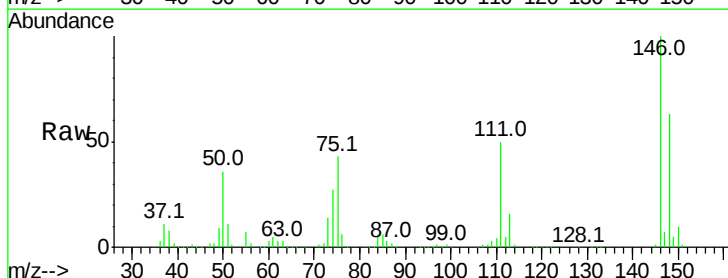
RT: 6.62 min Scan# 397

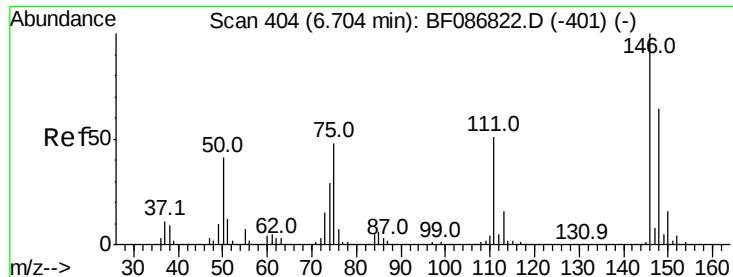
Delta R.T. -0.01 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	146	Resp:	491786
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.4	78.6
75	43.4	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 36.55 ng/mL

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

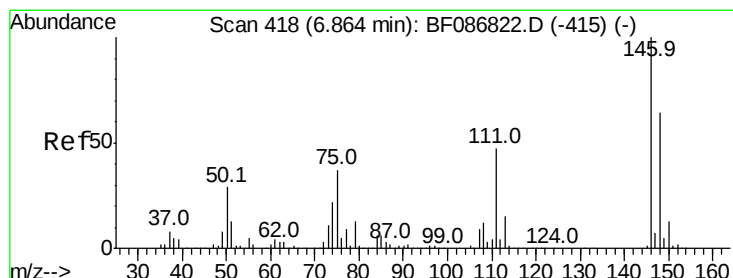
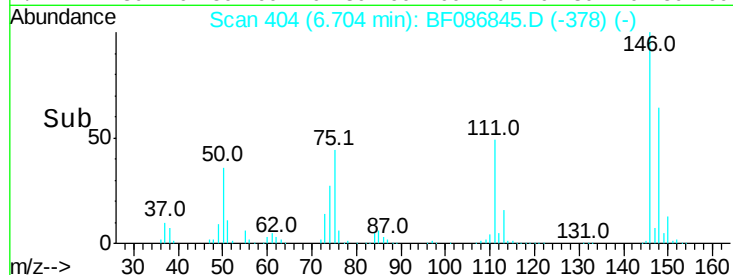
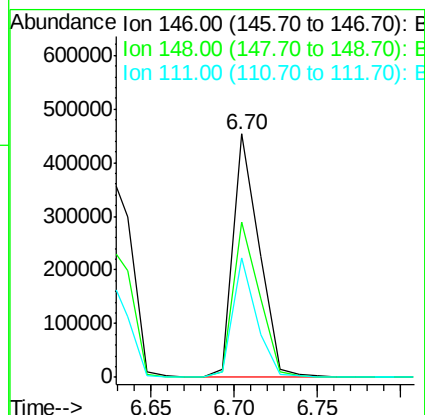
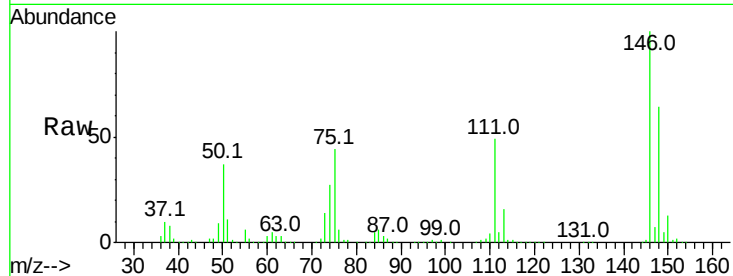
ClientSampled :

TP8-9.5FTMSD

Tot Ion:	146	Resp:	494295
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
111	49.3	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 40.44 ng/mL

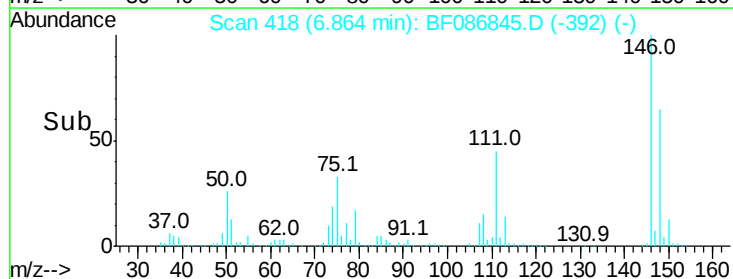
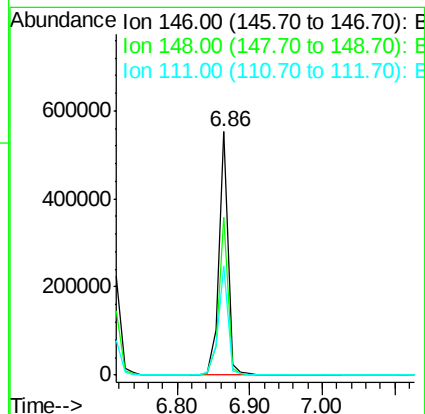
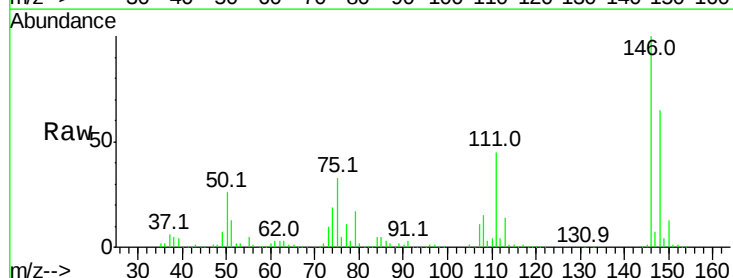
RT: 6.86 min Scan# 418

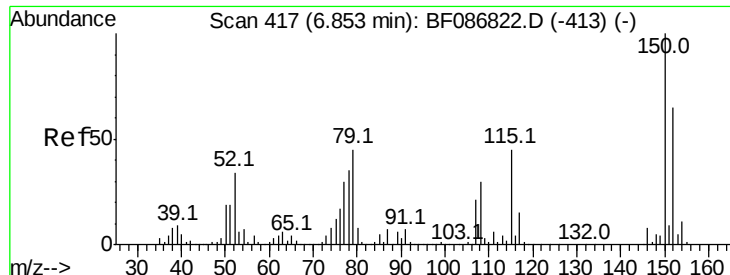
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	146	Resp:	476679
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
111	44.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 45.94 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampled :

TP8-9.5FTMSD

Tot Ion: 79 Resp: 430566

Ion Ratio Lower Upper

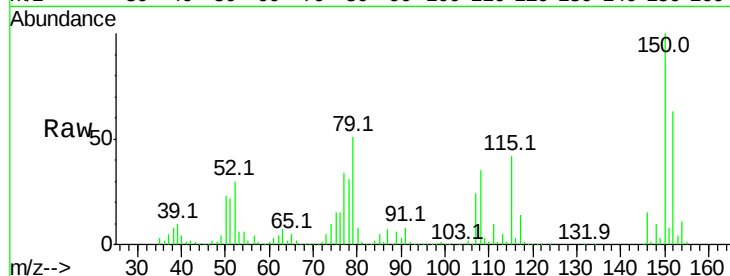
79 100

108 68.2 68.4 102.6#

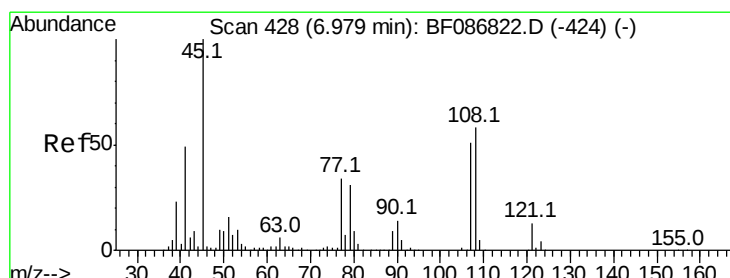
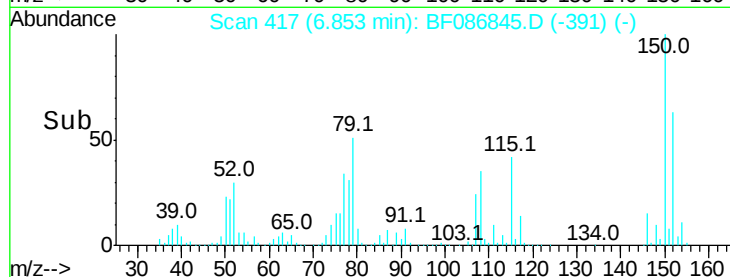
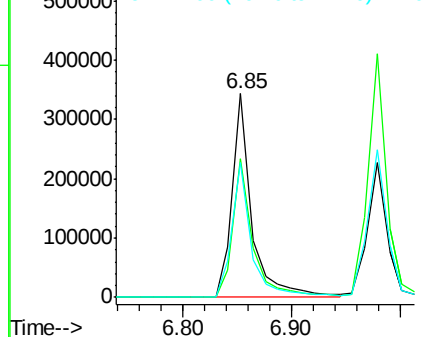
77 66.4 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.93 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

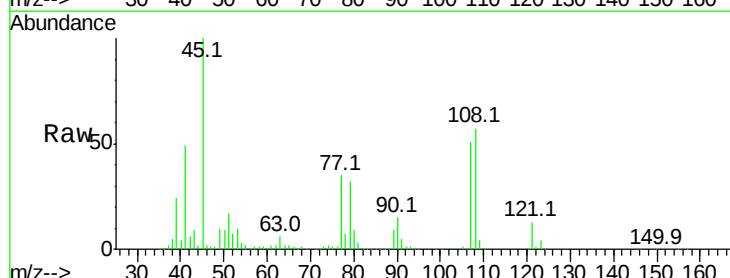
Tgt Ion: 45 Resp: 982760

Ion Ratio Lower Upper

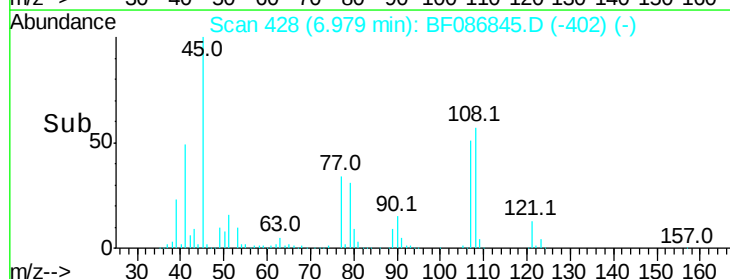
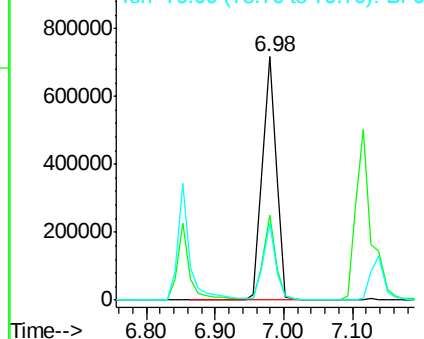
45 100

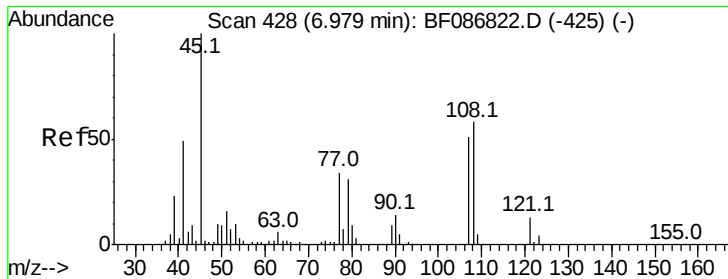
77 34.8 0.0 36.4

79 31.6 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.53 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086845.D

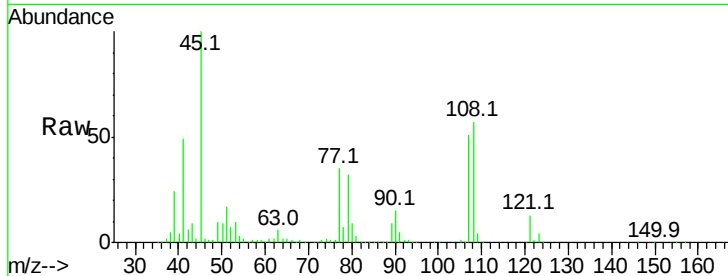
Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

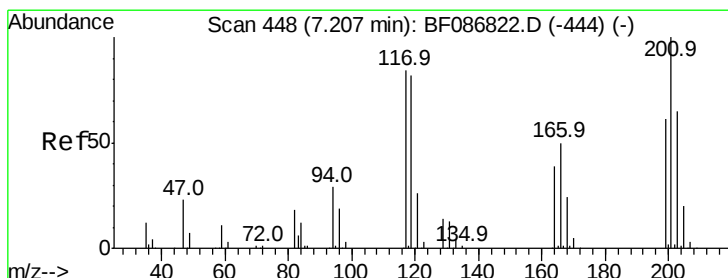
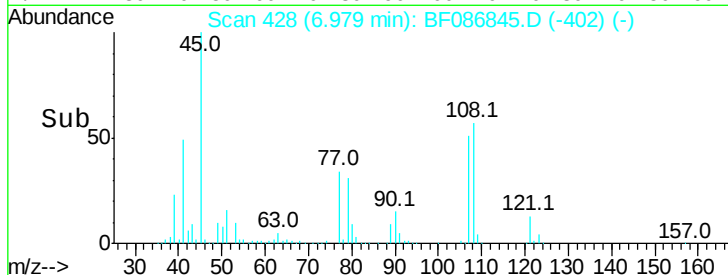
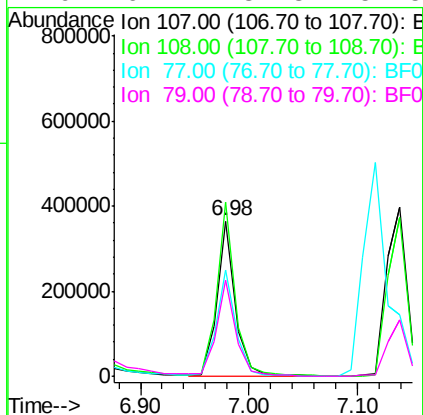
TP8-9.5FTMSD



Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	93.7	140.5	
77	68.5	33.4	50.0	
79	62.1	34.3	51.5	

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#18

Hexachloroethane

Concen: 36.61 ng

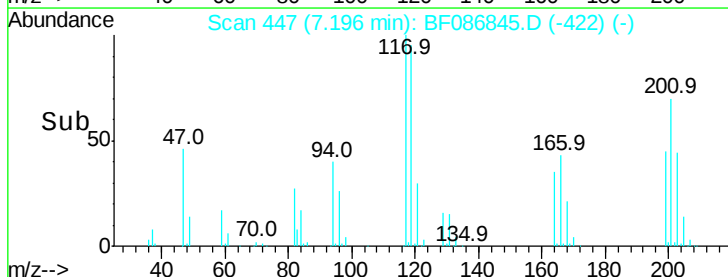
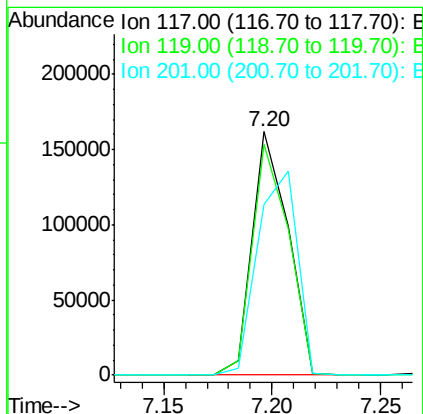
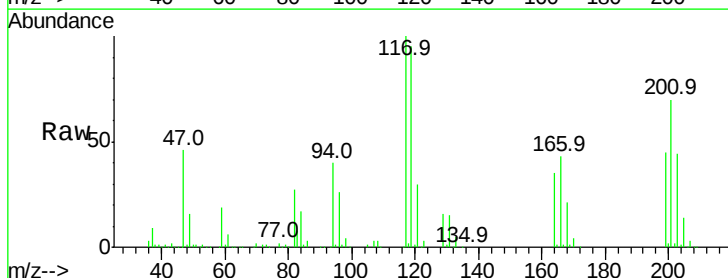
RT: 7.20 min Scan# 447

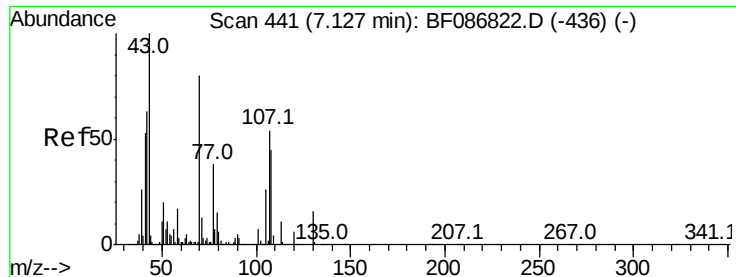
Delta R.T. -0.01 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.5	114.7	
201	69.8	63.0	94.6	





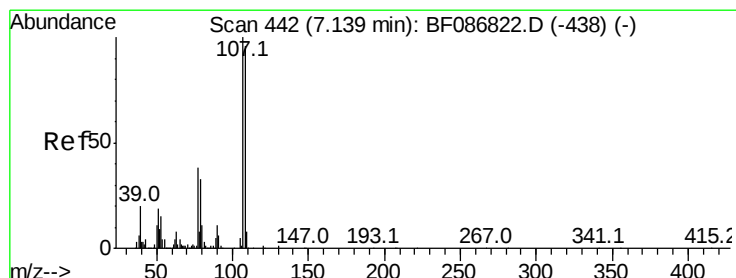
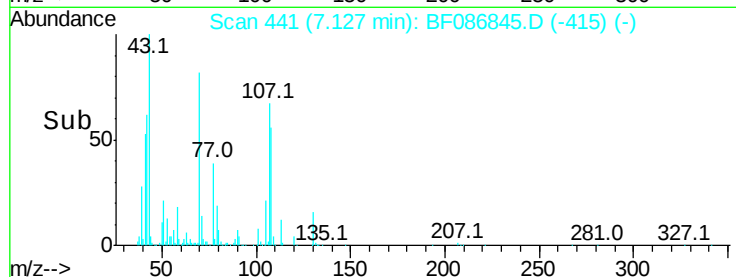
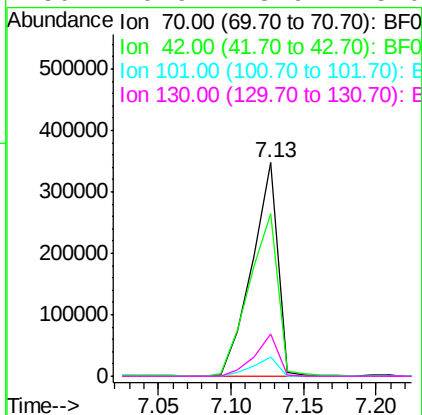
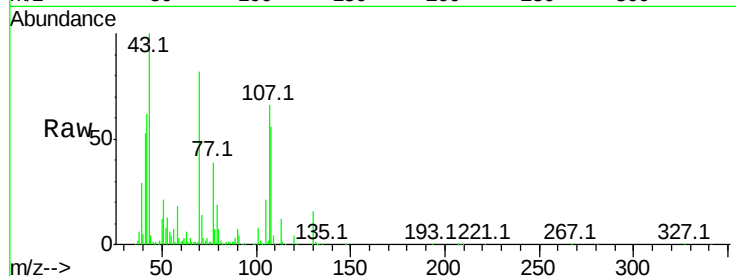
#19
n-Nitroso-di-n-propylamine
Concen: 45.26 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.4	43.1	64.7#
101	9.2	8.1	12.1
130	19.6	18.6	28.0

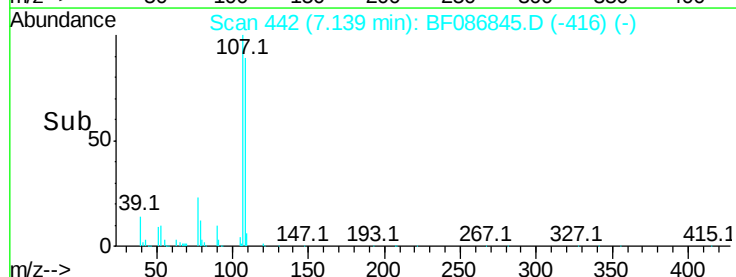
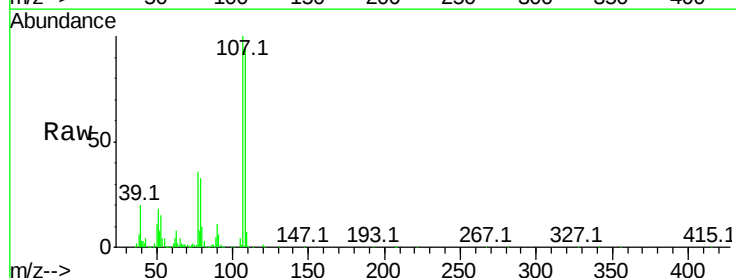
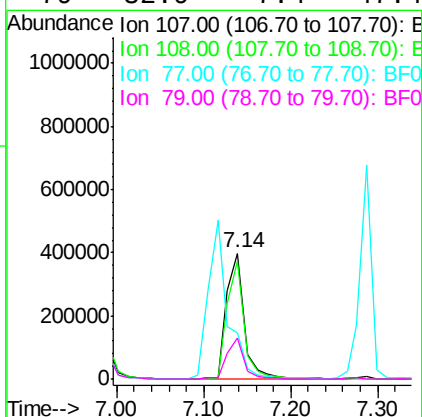
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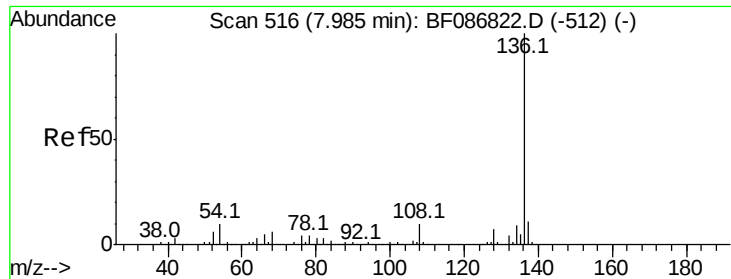
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#20
3+4-Methylphenols
Concen: 44.47 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.5	108.5
77	36.4	101.6	141.6#
79	32.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

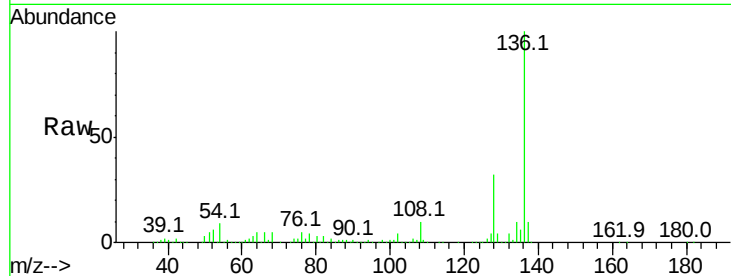
ClientSampleId :

TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	719308		
137	10.4	8.8	13.2	
54	8.6	5.0	7.4	
68	5.0	4.4	6.6	

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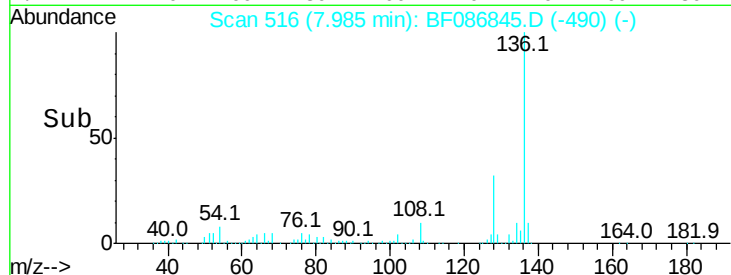
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

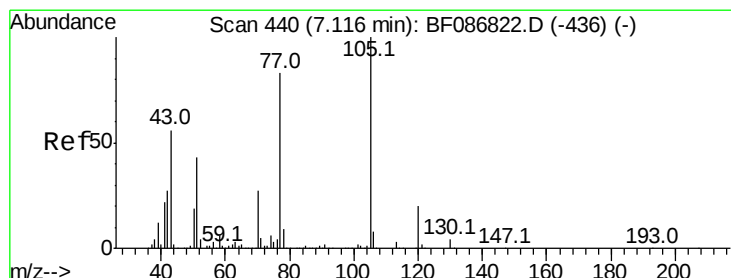
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 42.98 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	730259		
71	5.3	4.8	7.2	
51	39.9	32.6	49.0	
120	21.0	16.5	24.7	

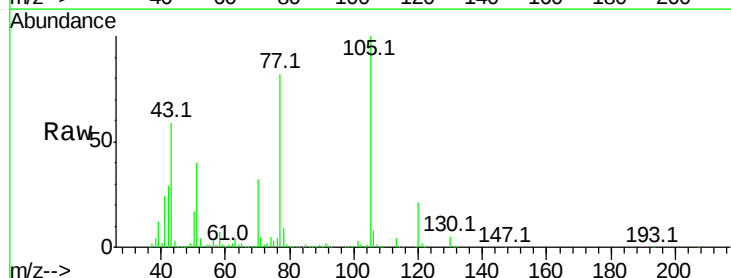
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

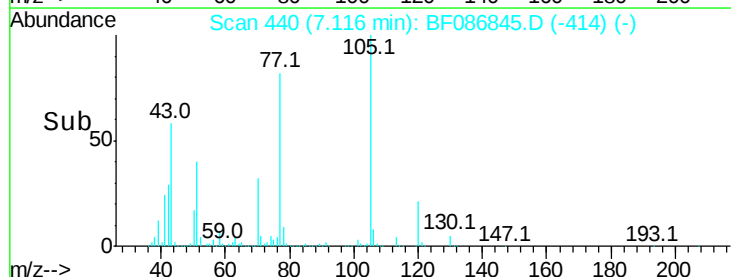
Ion 51.00 (50.70 to 51.70): BF0

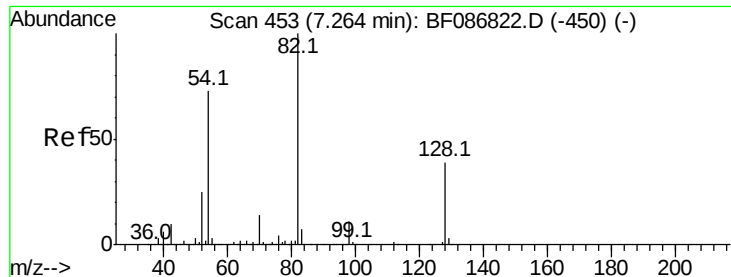
Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->





#23

Nitrobenzene-d5

Concen: 83.39 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion: 82 Resp: 1194544

Ion Ratio Lower Upper

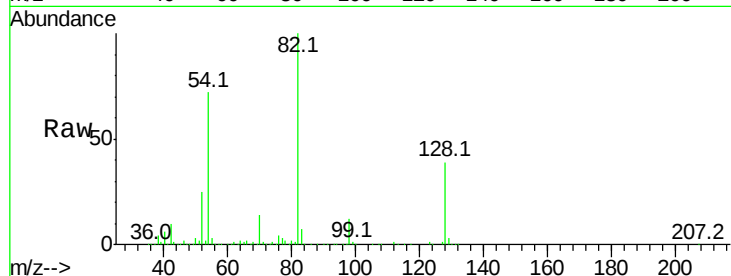
82 100

128 39.4 40.6 61.0#

54 72.0 38.1 57.1#

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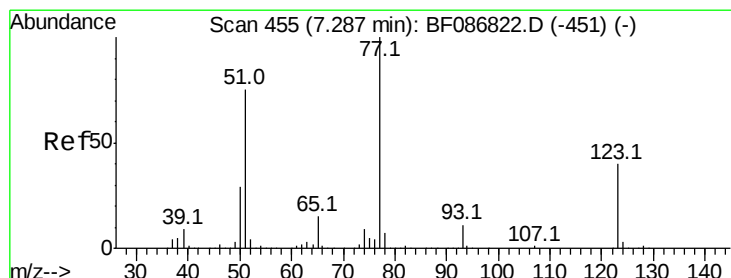
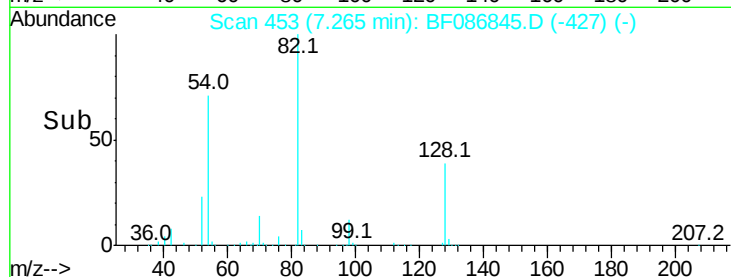
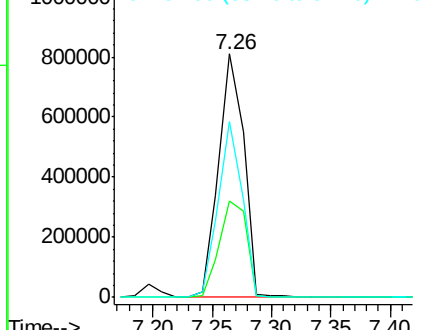
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.97 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

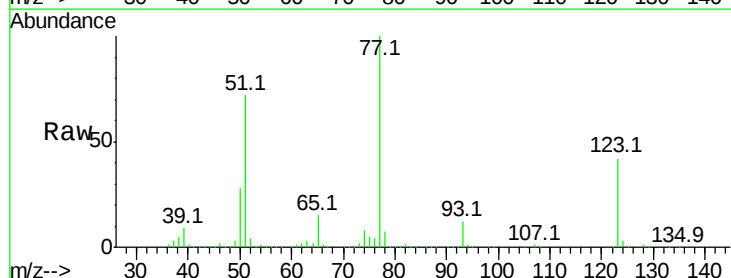
Tgt Ion: 77 Resp: 618548

Ion Ratio Lower Upper

77 100

123 41.7 33.0 49.4

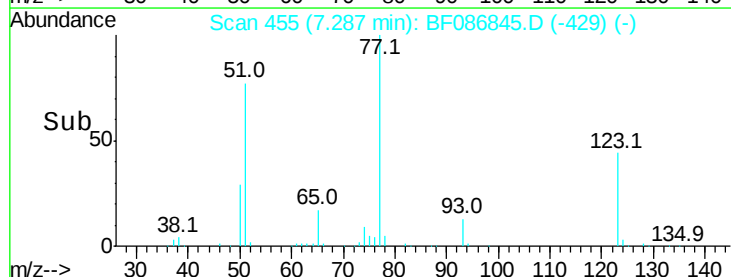
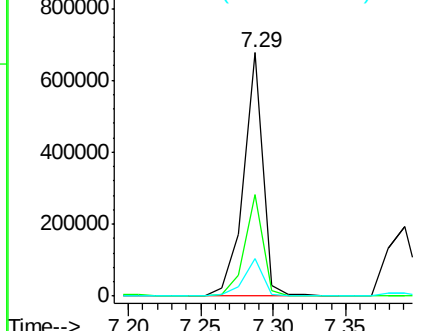
65 15.2 10.8 16.2

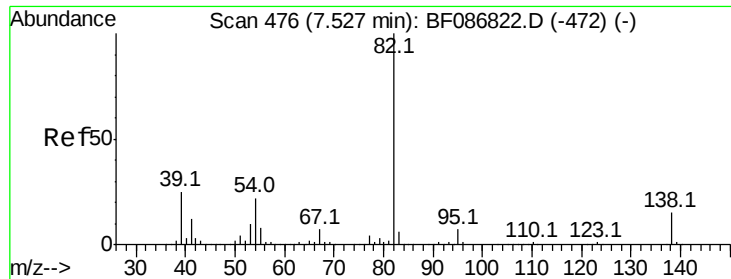


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.48 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion: 82 Resp: 1049239

Ion Ratio Lower Upper

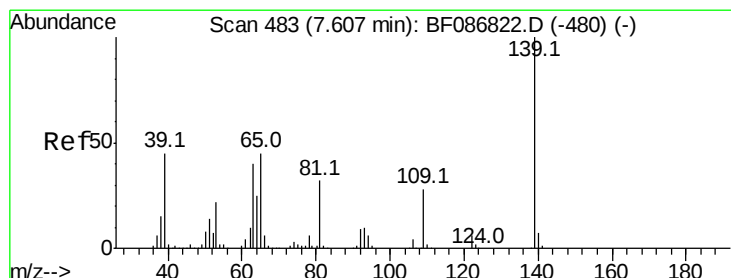
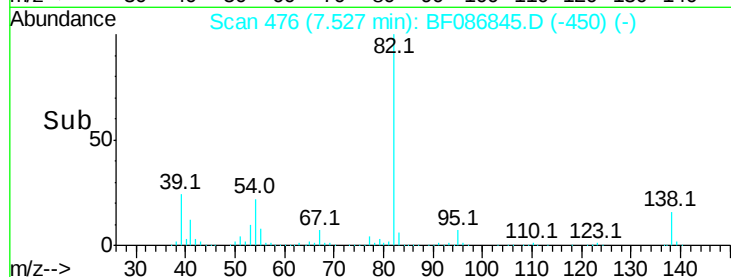
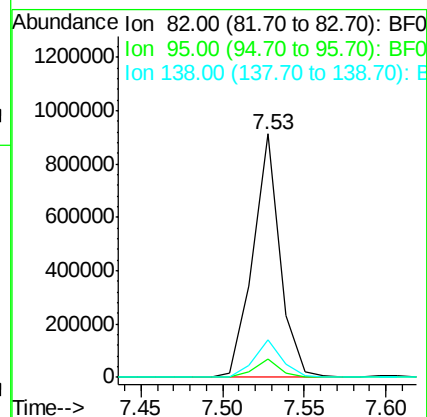
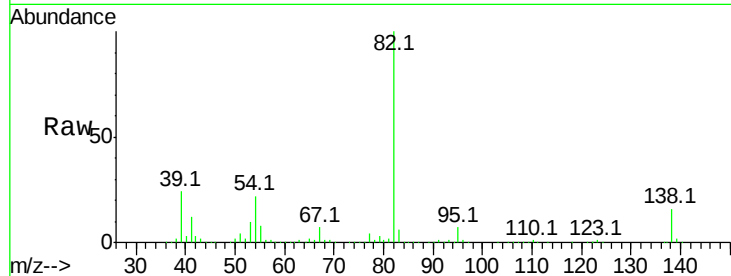
82 100

95 7.3 5.1 7.7

138 15.6 12.4 18.6

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#26

2-Nitrophenol

Concen: 41.41 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

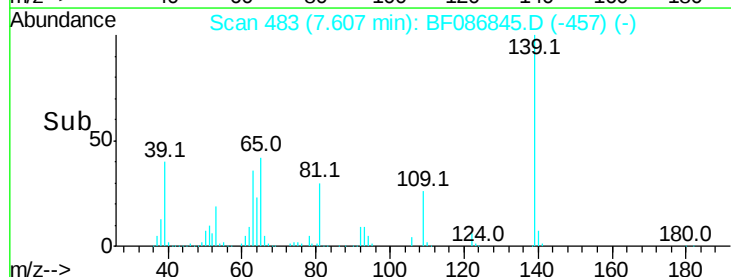
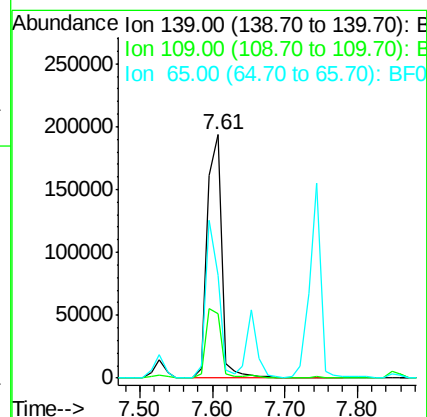
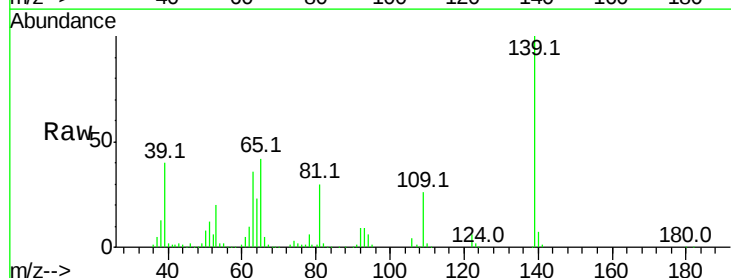
Tgt Ion: 139 Resp: 268248

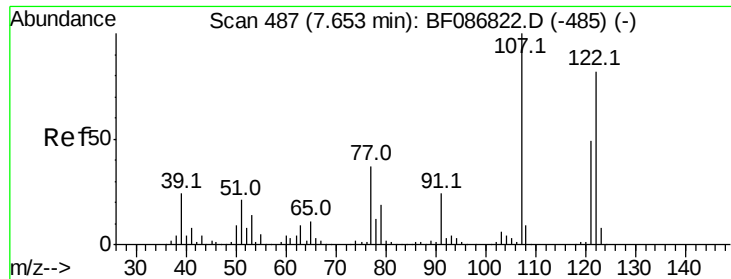
Ion Ratio Lower Upper

139 100

109 26.3 19.5 29.3

65 42.1 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 39.27 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

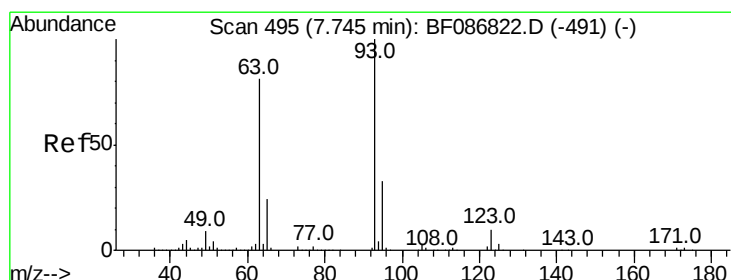
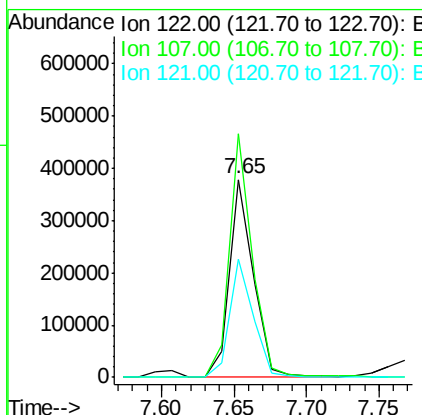
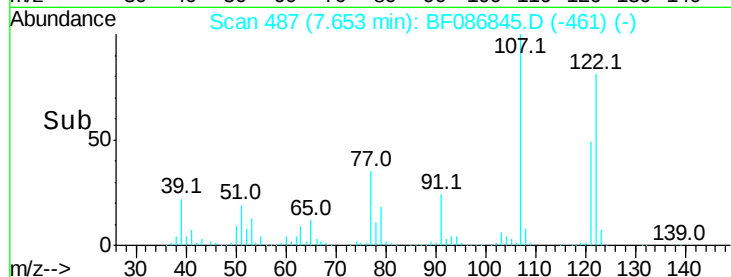
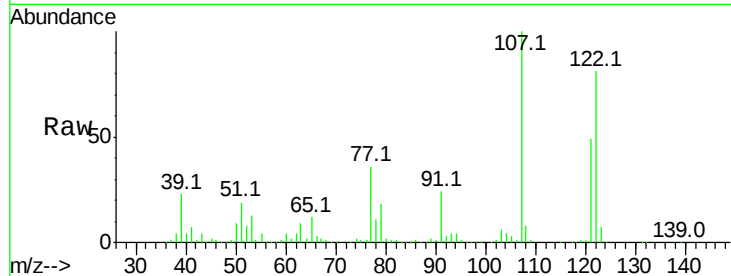
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	122	Resp:	433346
Ion Ratio	Lower	Upper	
122	100		
107	122.9	82.0	123.0
121	59.6	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 46.72 ng

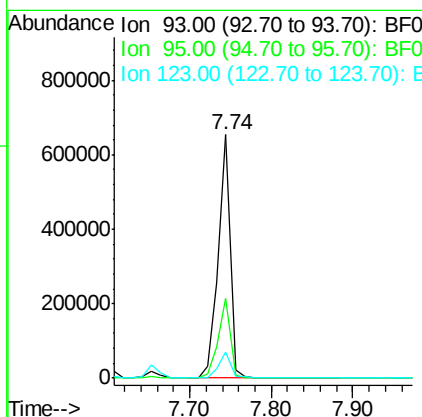
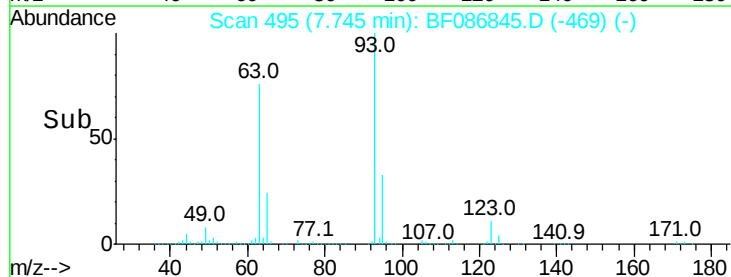
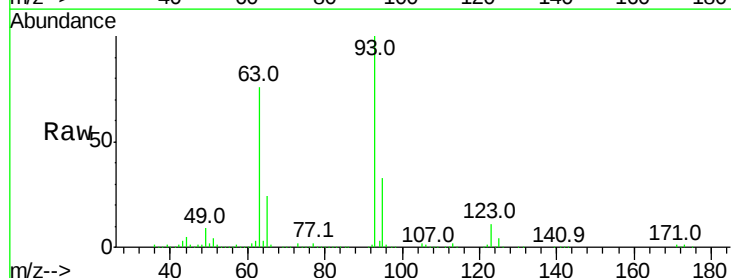
RT: 7.74 min Scan# 495

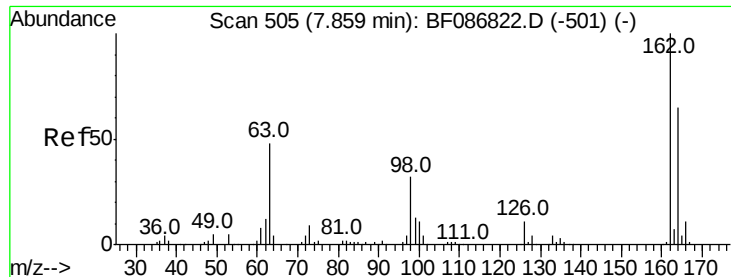
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	93	Resp:	669813
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	10.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 41.76 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

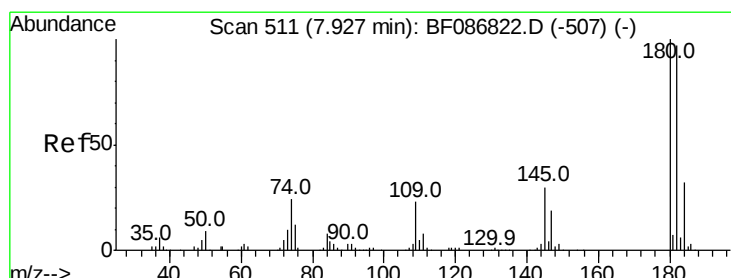
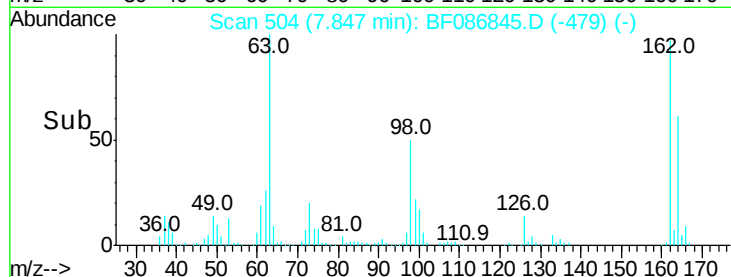
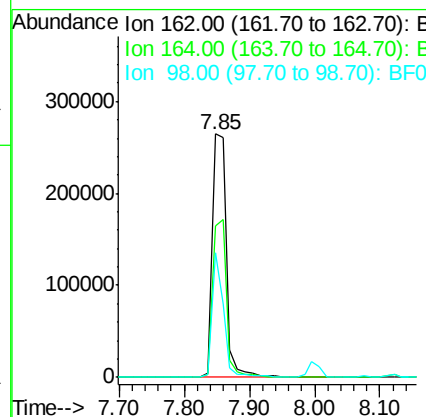
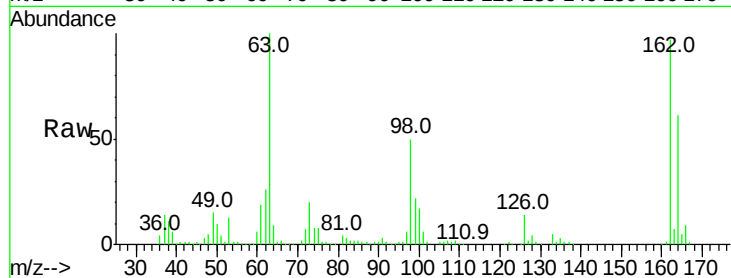
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	162	Resp:	405553
Ion Ratio	Lower	Upper	
162	100		
164	62.3	42.2	82.2
98	51.1	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 41.24 ng

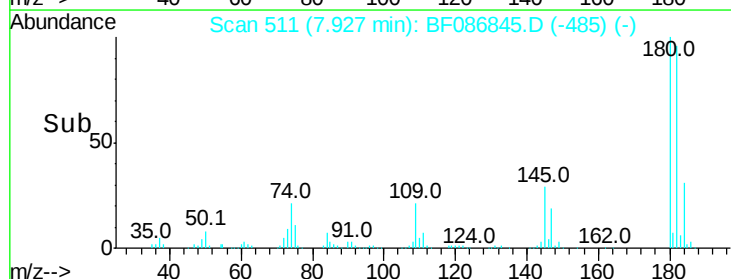
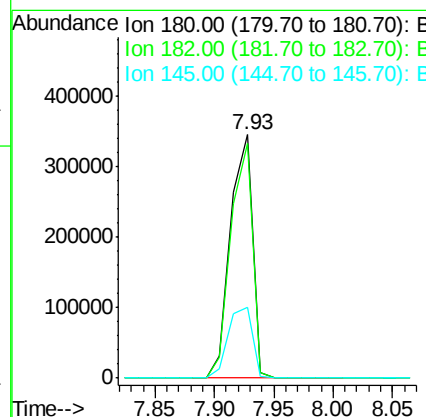
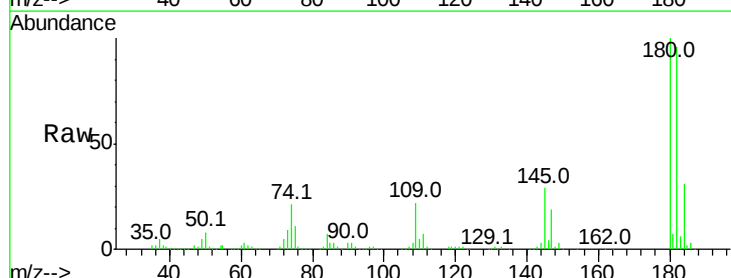
RT: 7.93 min Scan# 511

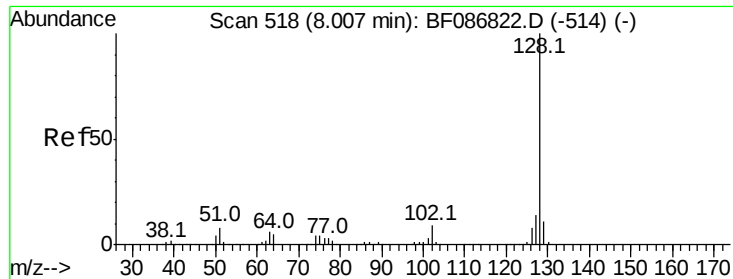
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	180	Resp:	447864
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.0	117.0
145	28.8	24.2	36.2





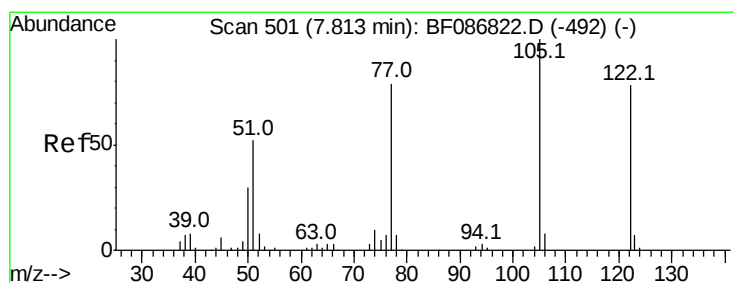
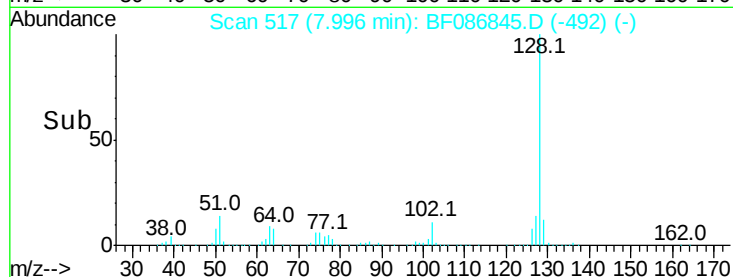
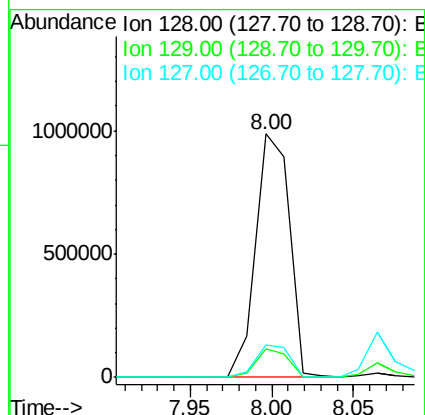
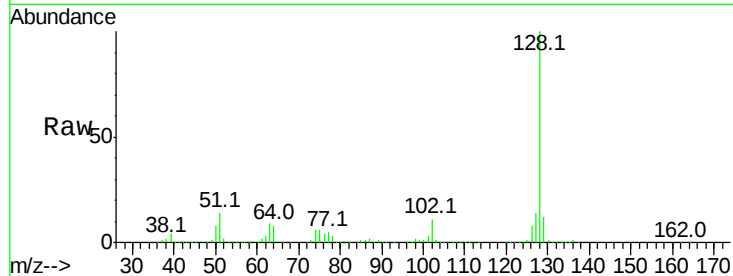
#31
Naphthalene
Concen: 39.67 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion:128 Resp: 1429163
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.8 16.2

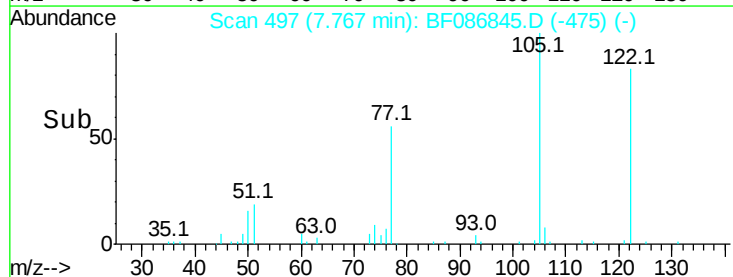
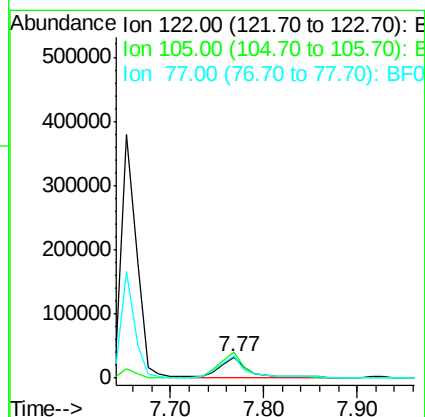
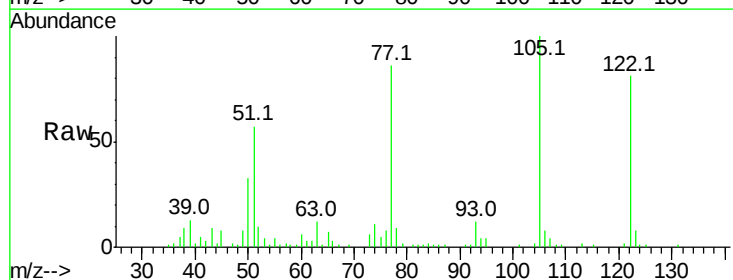
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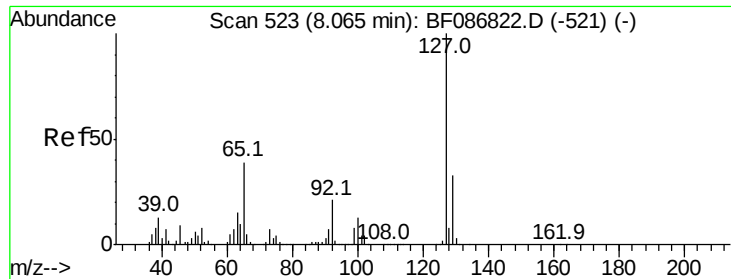
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#32
Benzoic acid
Concen: 10.25 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion:122 Resp: 66416
Ion Ratio Lower Upper
122 100
105 123.7 92.6 132.6
77 106.0 60.0 100.0#





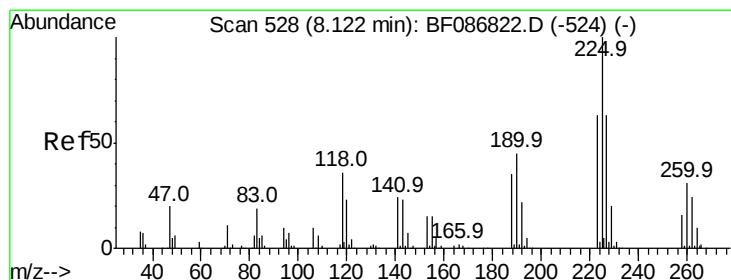
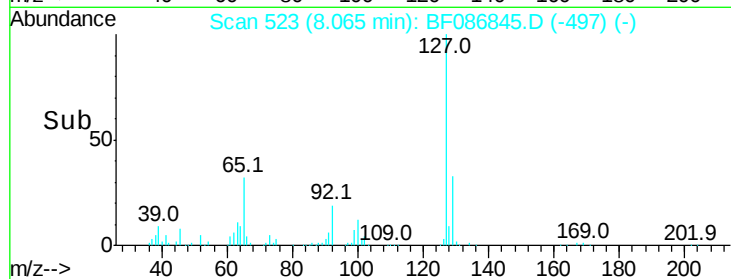
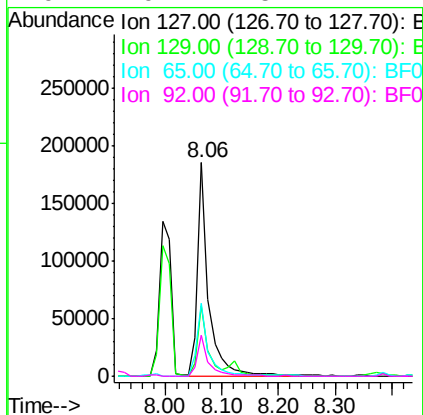
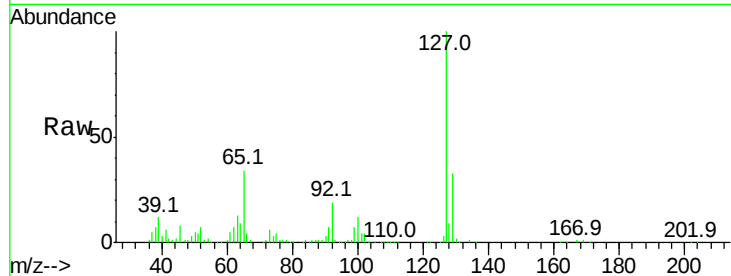
#33
4-Chloroaniline
Concen: 17.75 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		248553		
129	32.7	26.2	39.4		
65	34.0	23.0	34.4		
92	19.2	15.1	22.7		

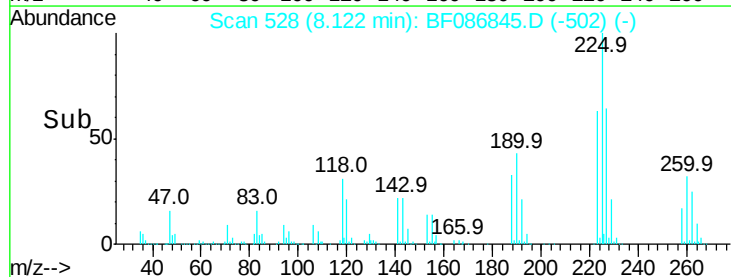
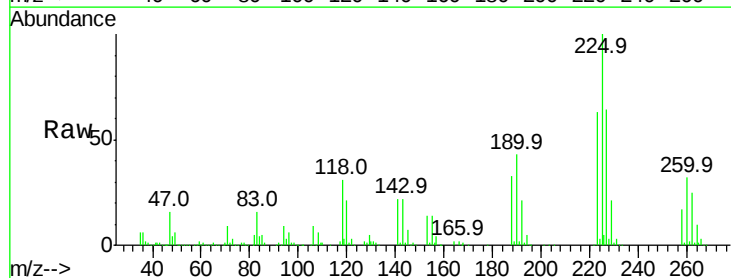
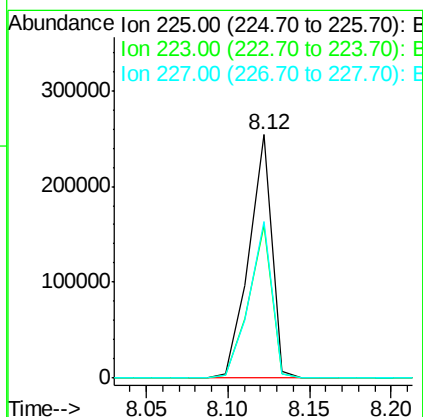
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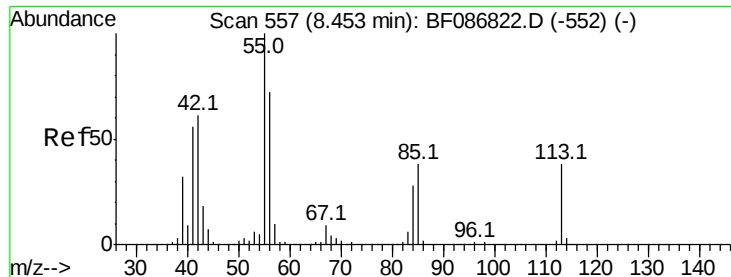
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#34
Hexachlorobutadiene
Concen: 39.52 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		248985		
223	62.7	51.5	77.3		
227	64.4	52.2	78.2		





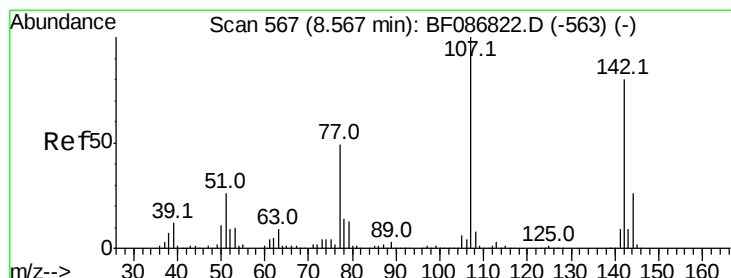
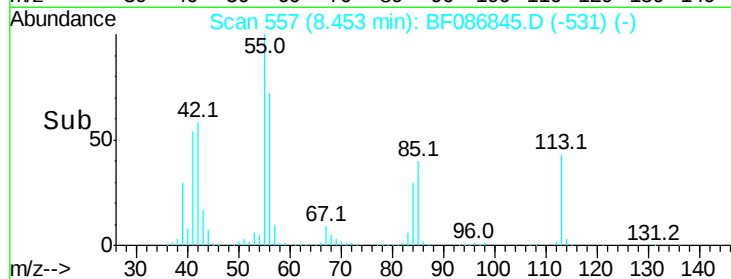
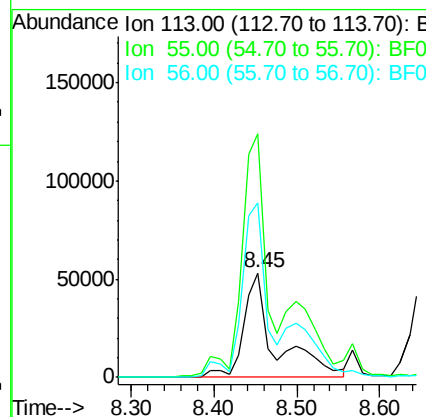
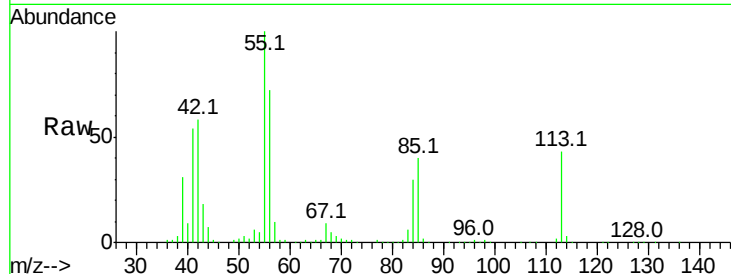
#35
 Caprolactam
 Concen: 42.61 ng/ml
 RT: 8.45 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.5	162.0	202.0#
56	167.0	115.3	155.3#

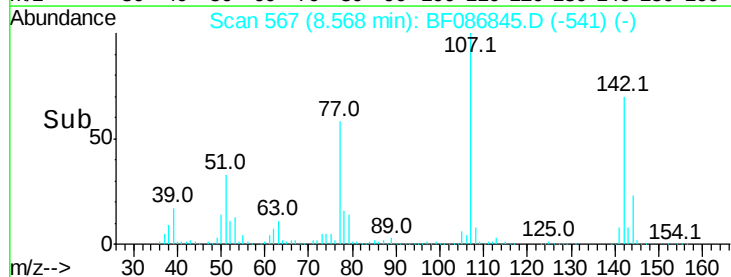
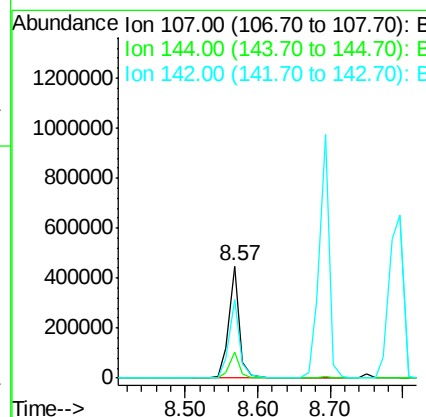
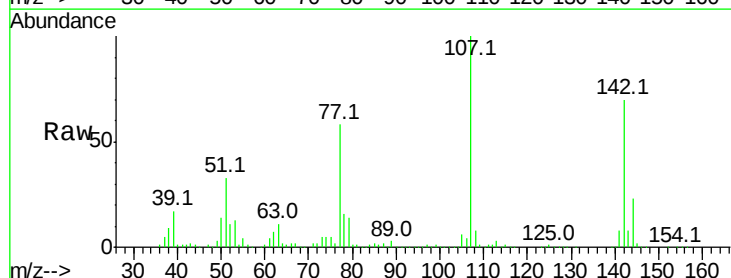
Manual Integrations
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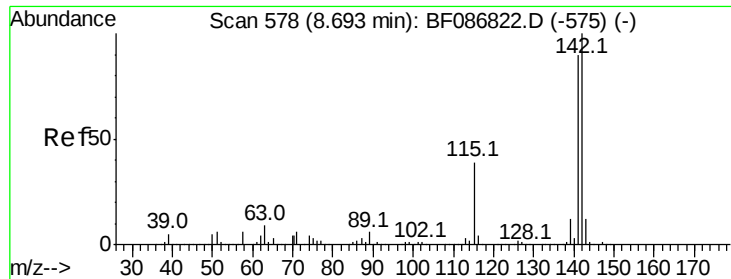
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#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng/ml
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.7	31.1
142	70.2	63.2	94.8





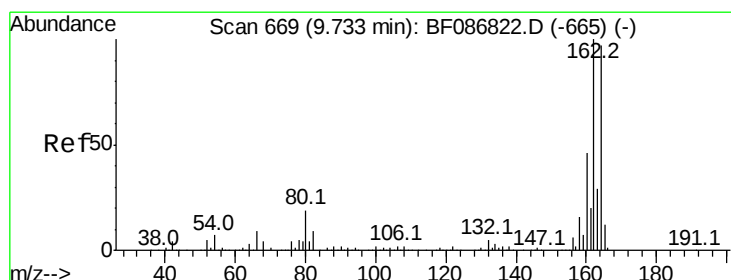
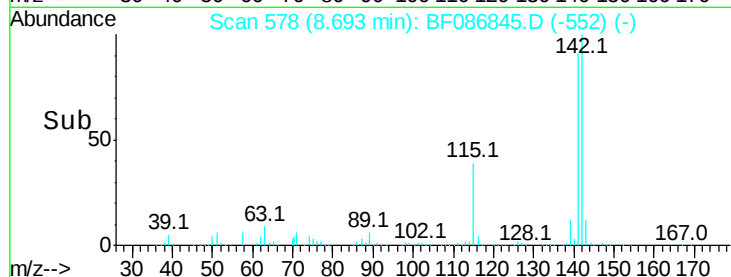
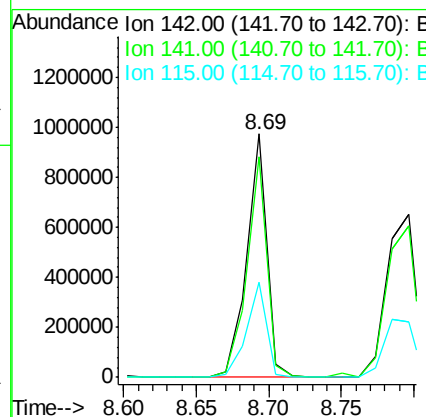
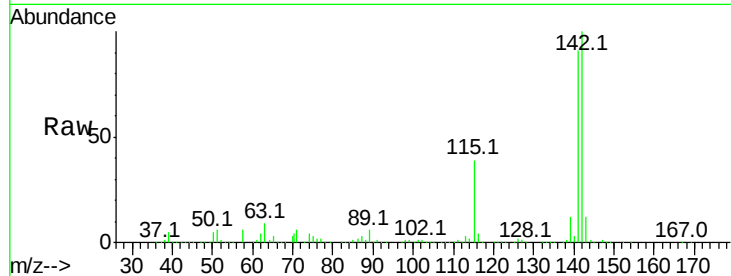
#37
2-Methylnaphthalene
Concen: 44.35 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.5	71.0	106.6	
115	39.2	26.6	39.8	

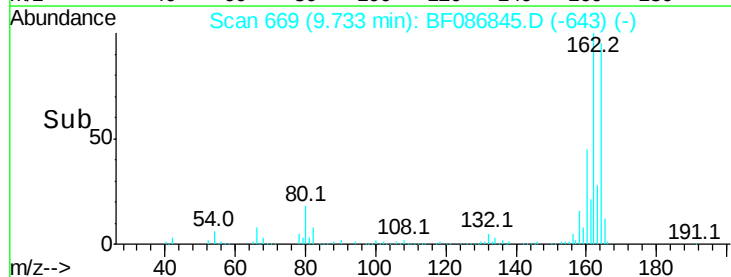
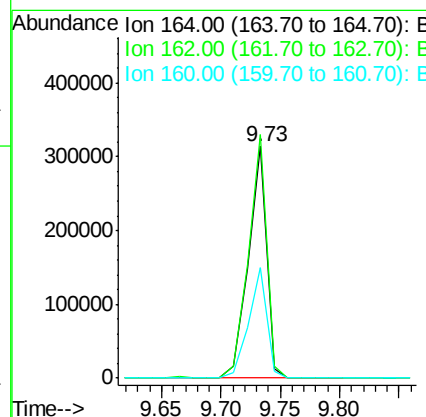
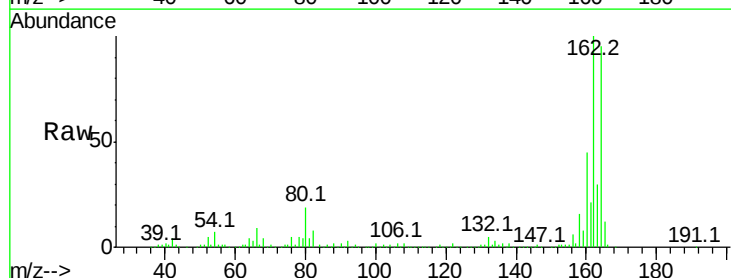
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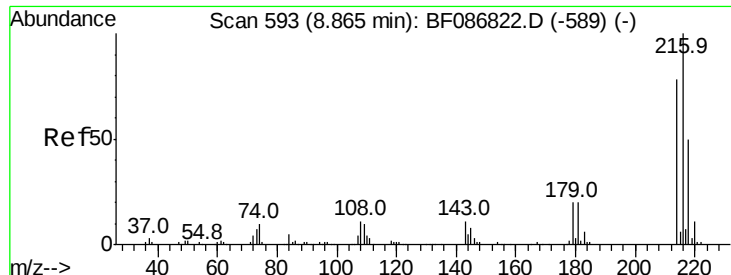
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	82.8	124.2	
160	47.5	36.9	55.3	





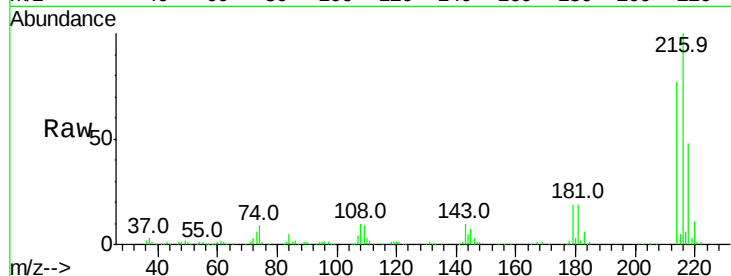
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.20 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

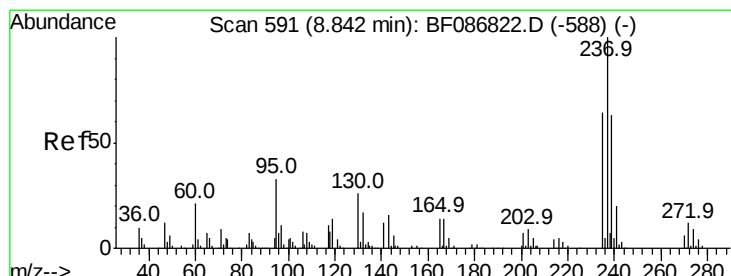
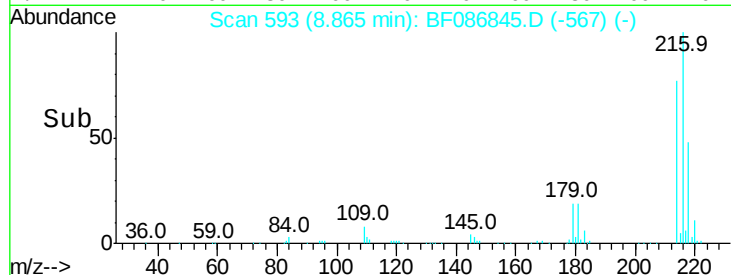
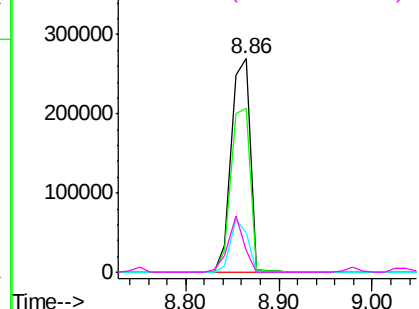
Tot Ion	Ratio	Resp	Lower	Upper
216	100	385084		
214	78.8	62.6	93.8	
179	22.8	18.2	27.4	
108	22.4	17.5	26.3	

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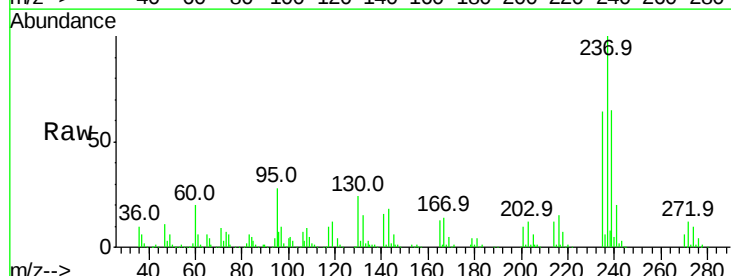


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

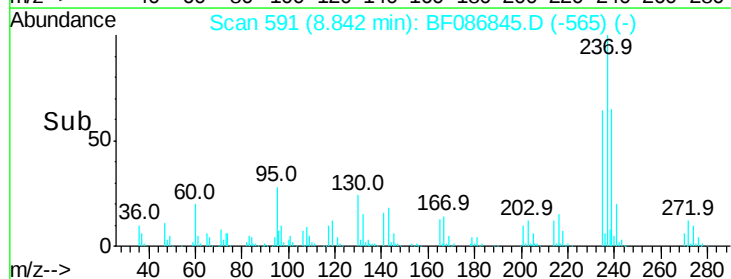
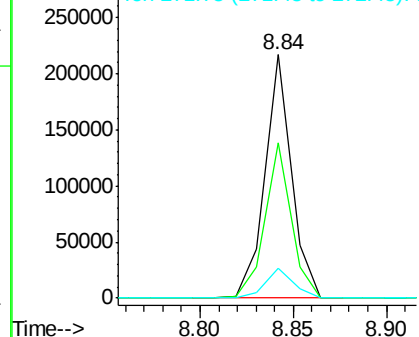


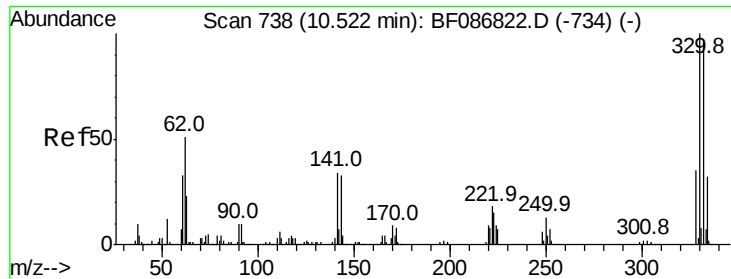
#40
 Hexachlorocyclopentadiene
 Concen: 45.50 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	212156		
235	64.0	47.2	87.2	
272	12.1	0.0	31.1	



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





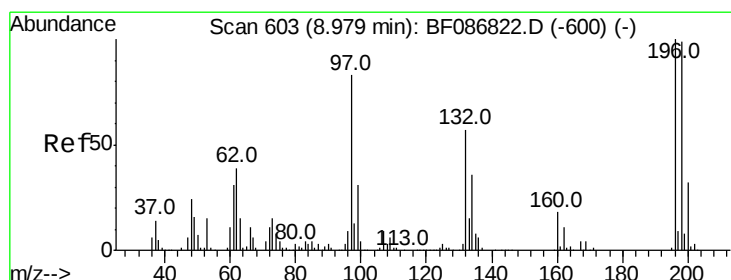
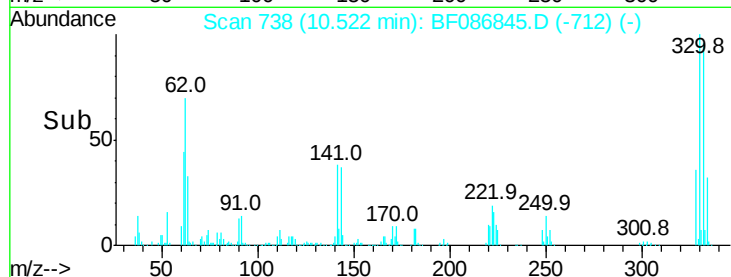
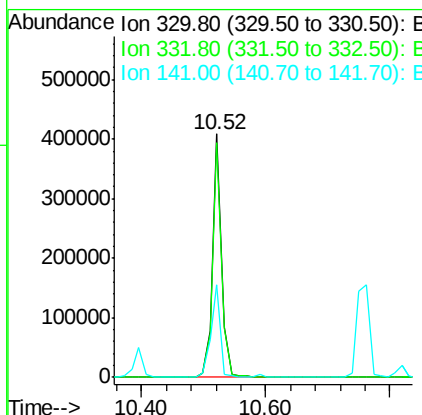
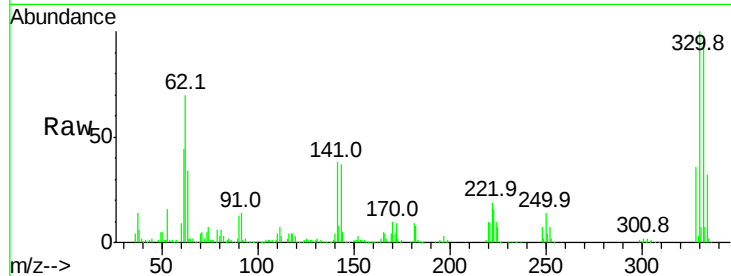
#41
 2,4,6-Tribromophenol
 Concen: 115.02 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampled :
 TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	79.0	118.4	
141	39.1	31.2	46.8	

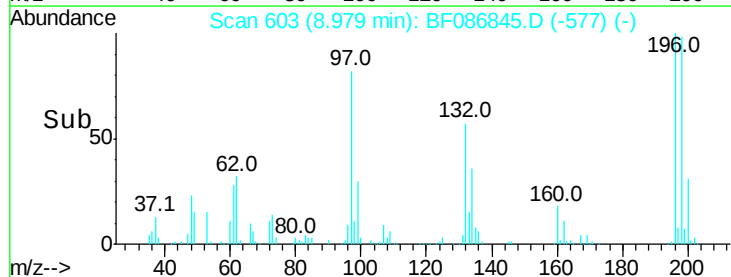
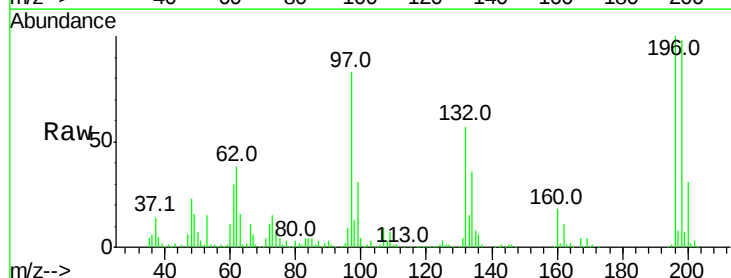
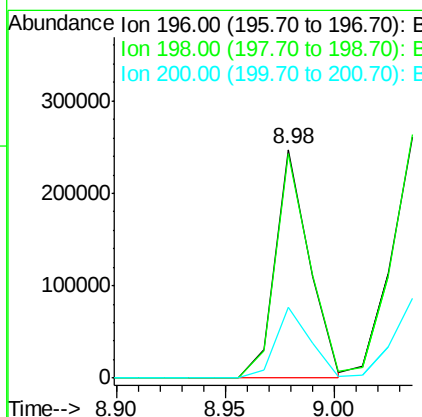
Manual Integrations
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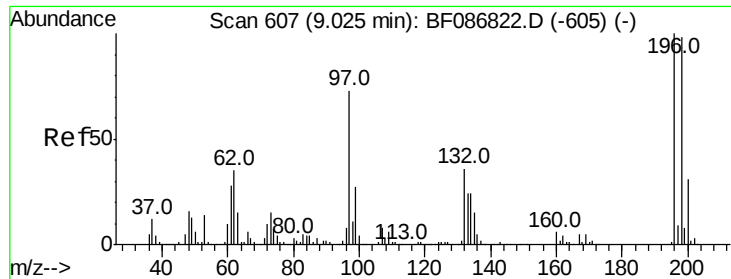
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#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.2	74.7	112.1	
200	31.0	23.8	35.6	





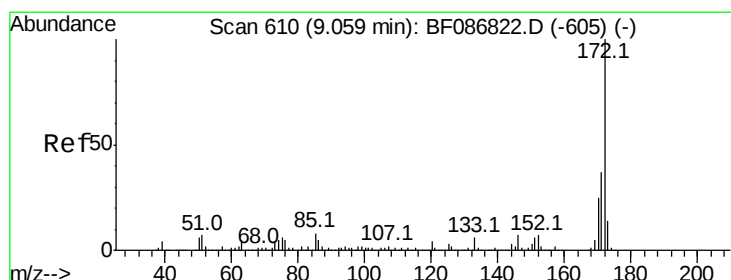
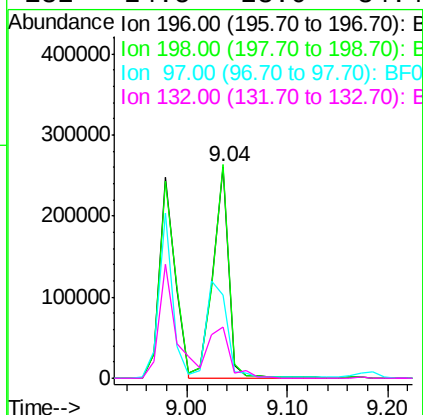
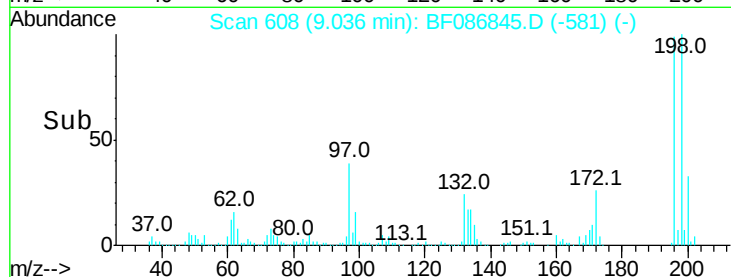
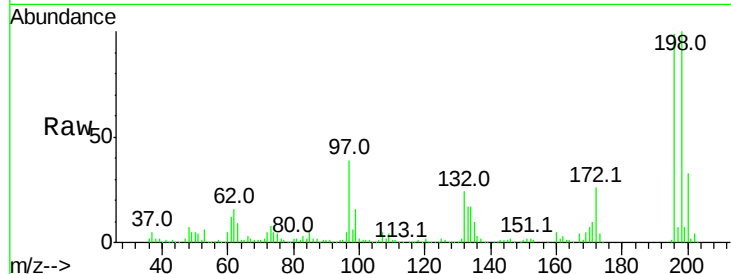
#43
 2,4,5-Trichlorophenol
 Concen: 41.54 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		282254		
198	101.1	77.5	116.3		
97	39.5	34.8	52.2		
132	24.5	23.0	34.4		

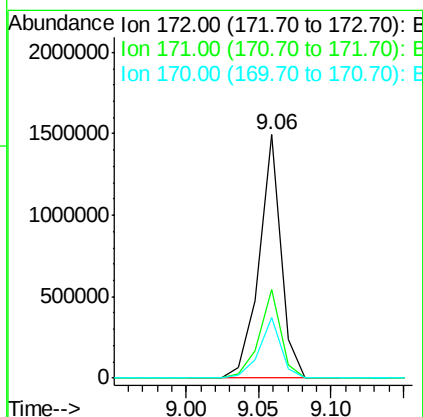
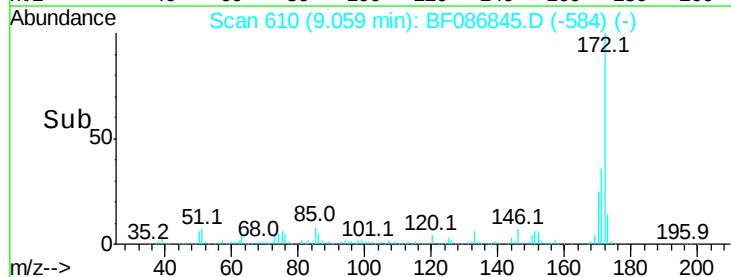
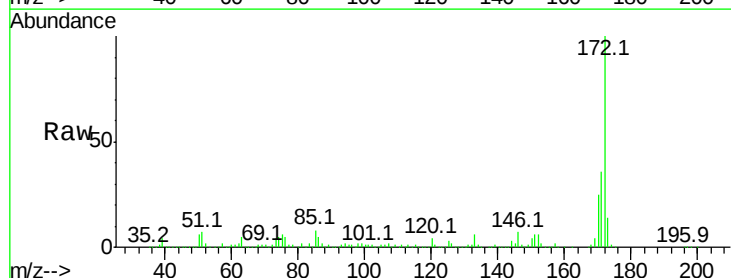
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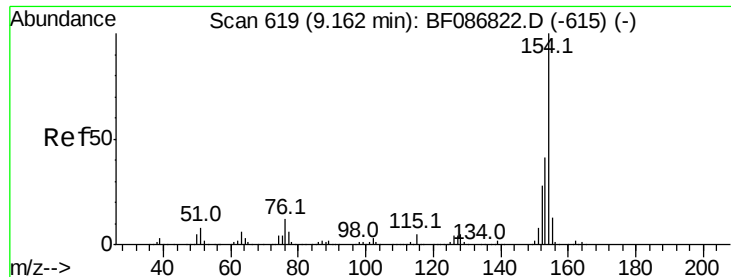
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#44
 2-Fluorobiphenyl
 Concen: 77.86 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1565487		
171	36.4	29.0	43.6		
170	24.7	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 44.13 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:154 Resp: 1186001

Ion Ratio Lower Upper

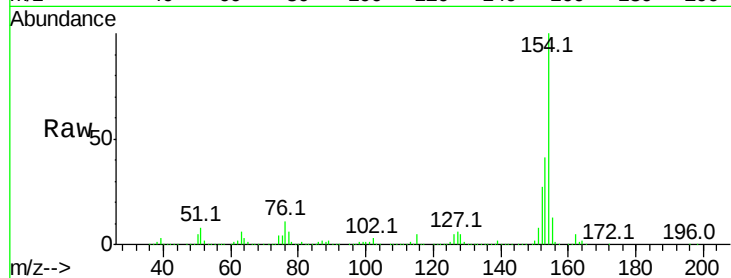
154 100

153 40.5 20.3 60.3

76 11.3 0.0 30.2

Manual Integrations
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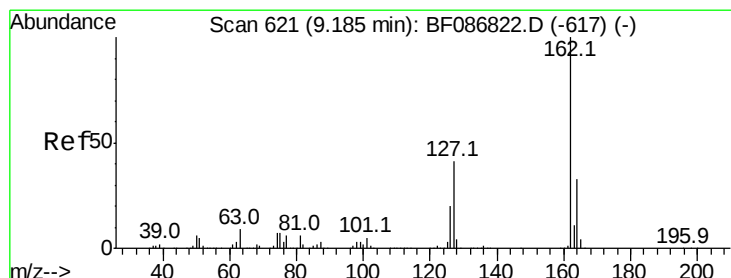
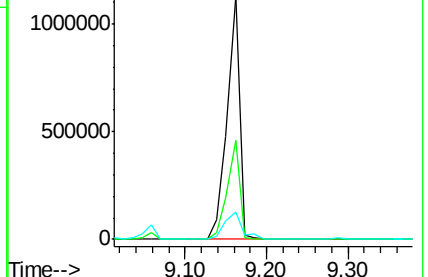
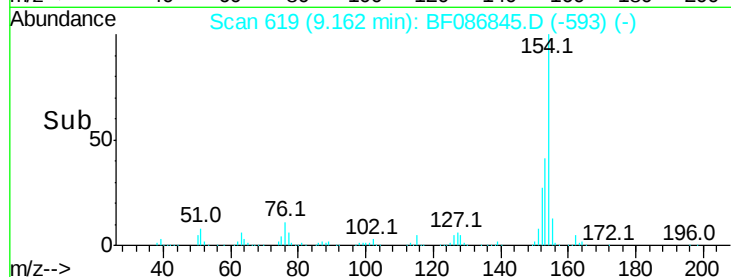
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.11 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

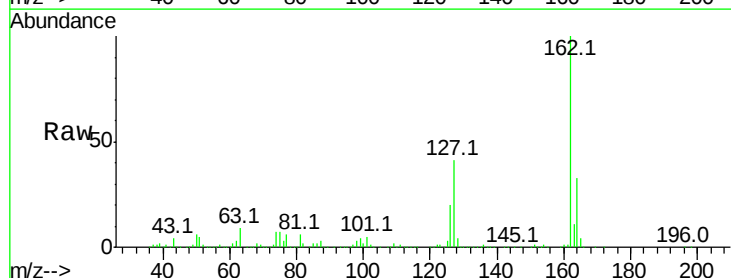
Tgt Ion:162 Resp: 886625

Ion Ratio Lower Upper

162 100

127 40.7 31.8 47.6

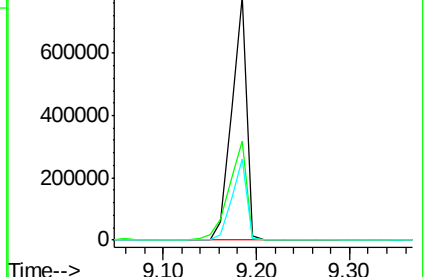
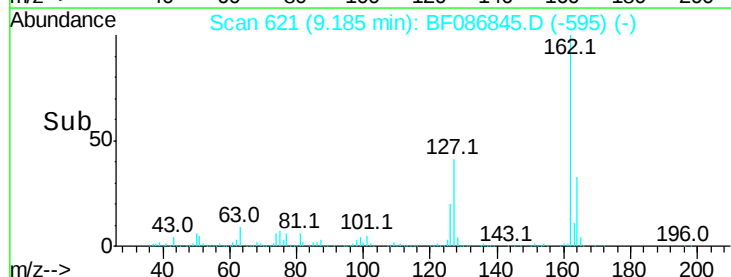
164 33.5 27.0 40.6

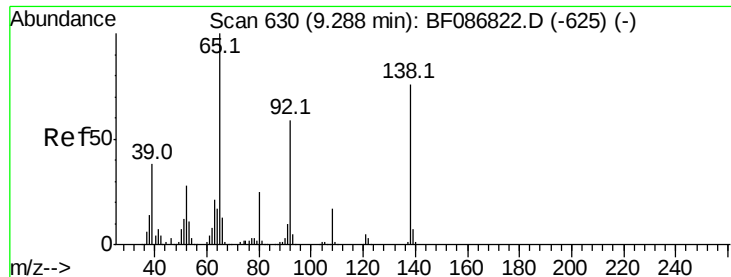


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





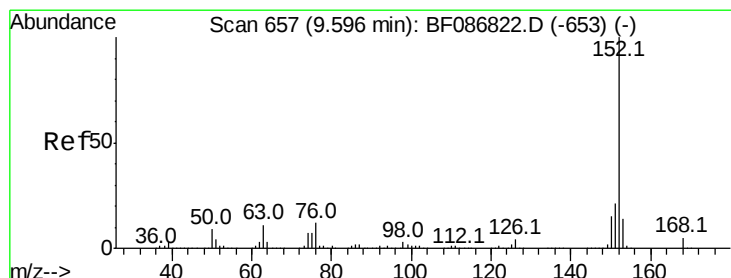
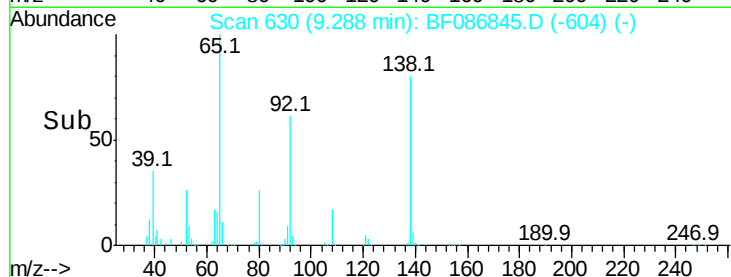
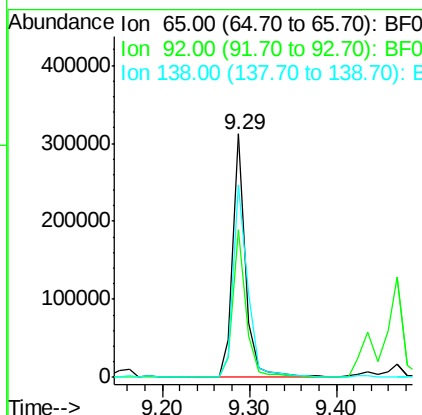
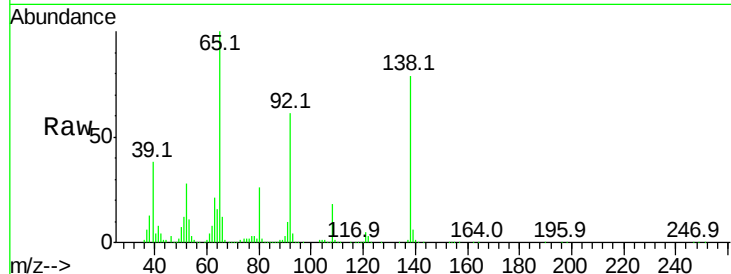
#47
2-Nitroaniline
Concen: 41.74 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	57.4	86.2
138	79.1	90.1	135.1#

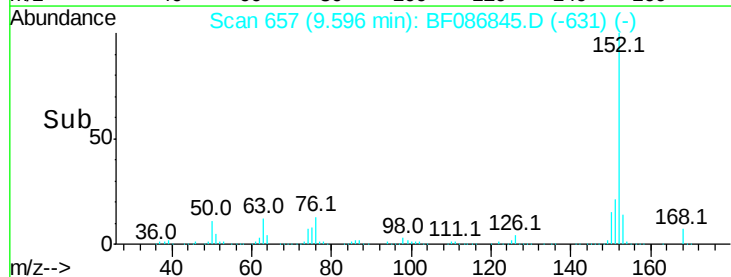
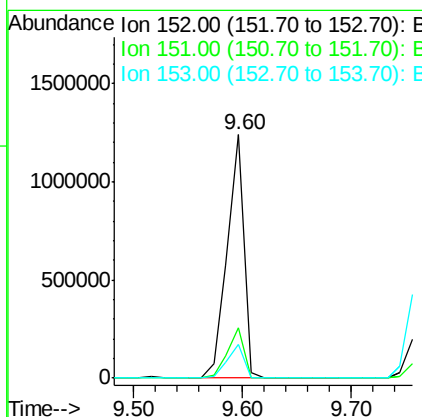
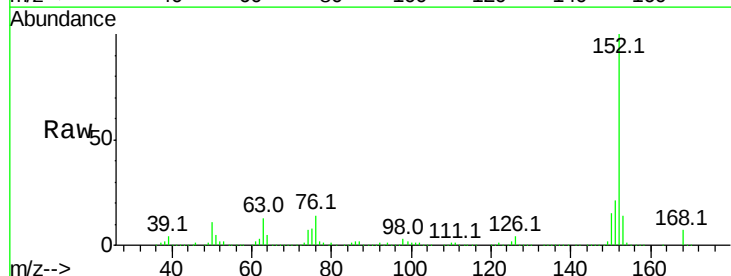
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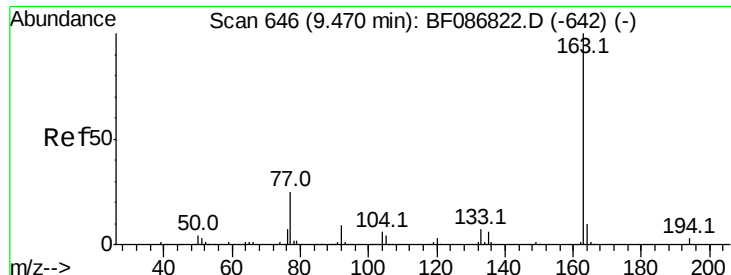
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#48
Acenaphthylene
Concen: 42.67 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.0	10.9	16.3





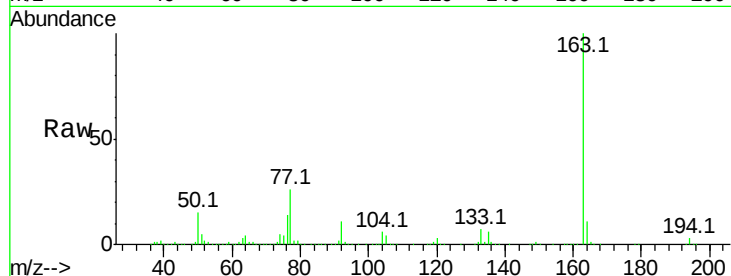
#49
Dimethylphthalate
Concen: 53.86 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

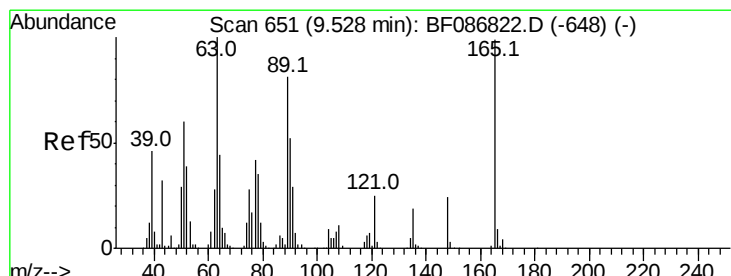
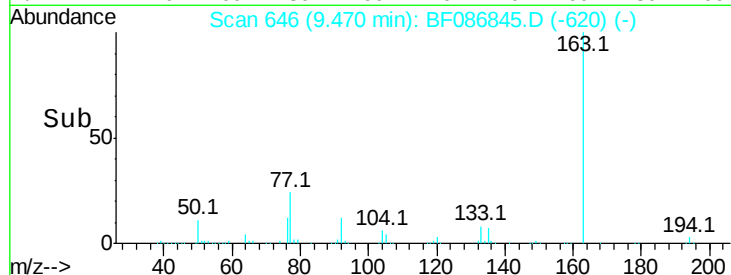
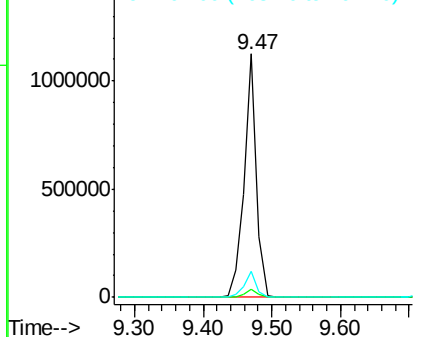
Tot Ion:163 Resp: 1388388
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.2 12.4

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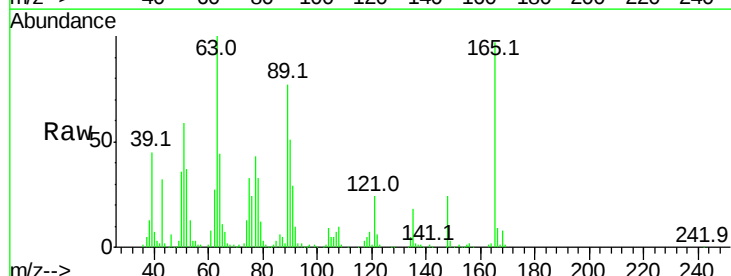


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

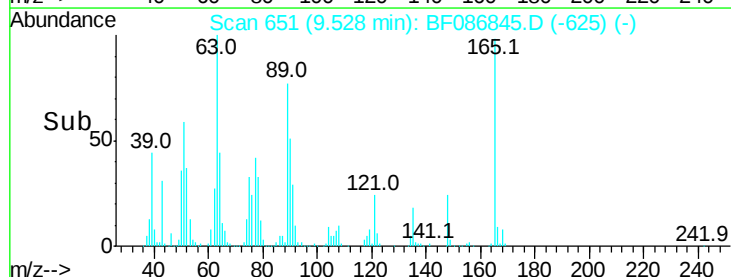
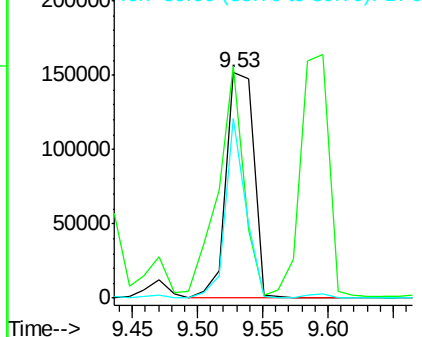


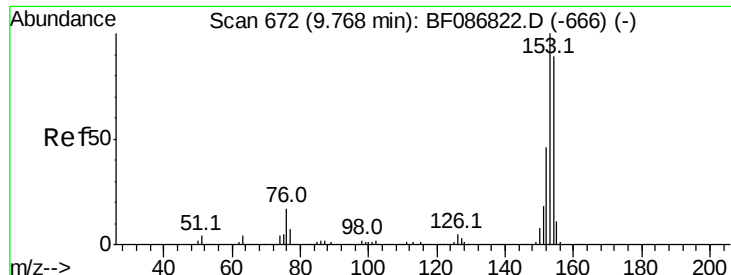
#50
2,6-Dinitrotoluene
Concen: 41.19 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion:165 Resp: 223489
Ion Ratio Lower Upper
165 100
63 103.1 51.8 77.8#
89 79.6 50.7 76.1#



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





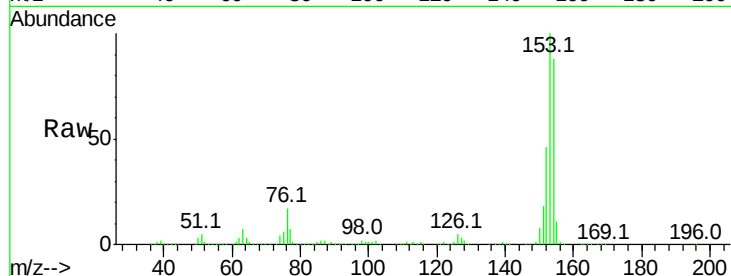
#51
Acenaphthene
Concen: 47.07 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampled :
TP8-9.5FTMSD

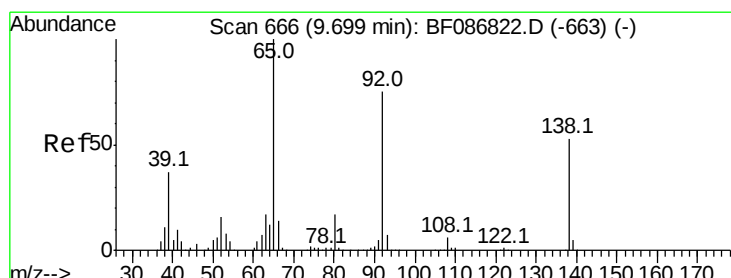
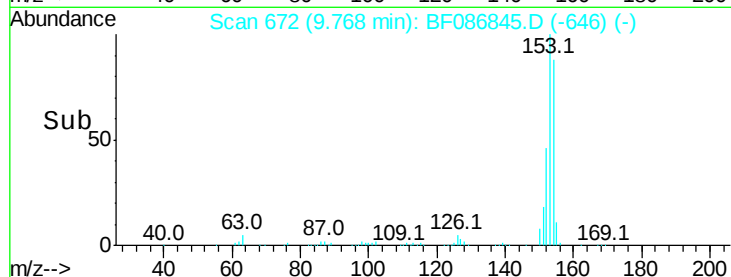
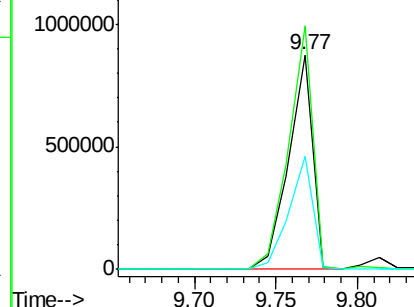
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.7	89.8	134.6	
152	52.5	43.4	65.0	

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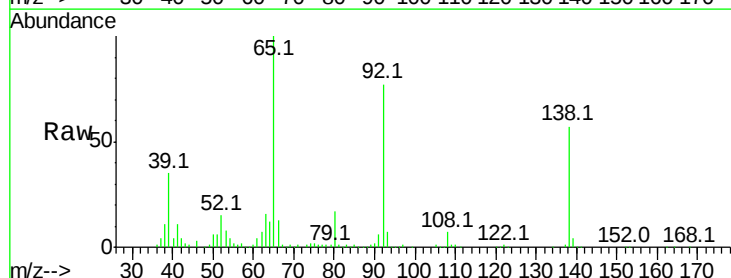


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

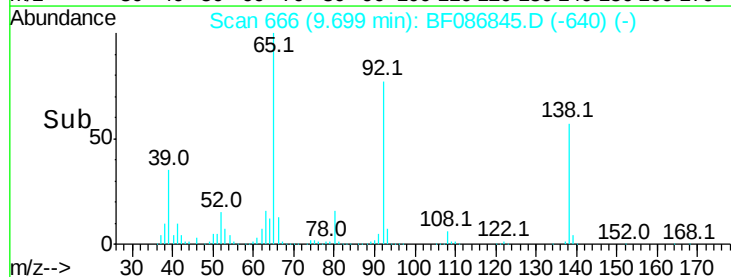
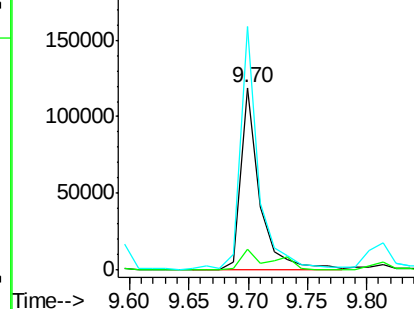


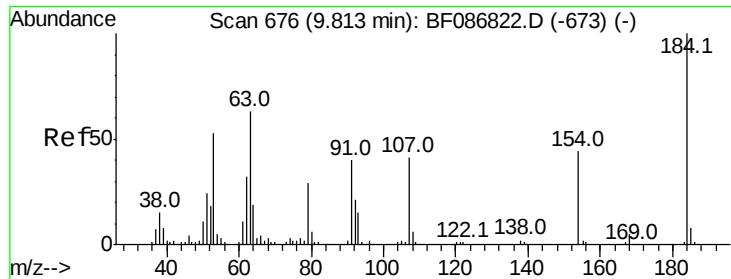
#52
3-Nitroaniline
Concen: 23.35 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.6	7.8	11.6	
92	133.5	87.8	131.8#	



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





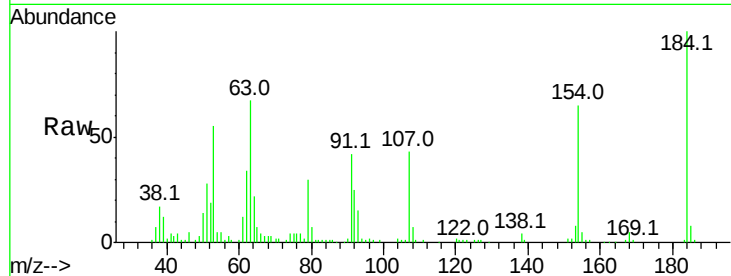
#53
 2,4-Dinitrophenol
 Concen: 36.52 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

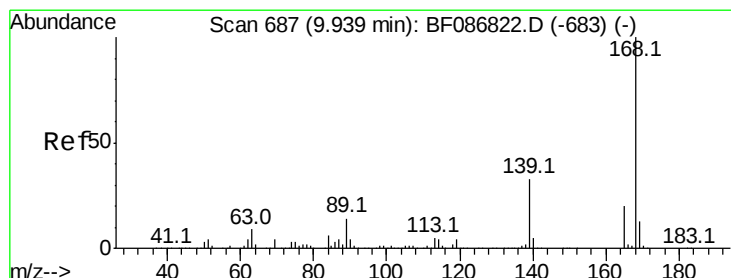
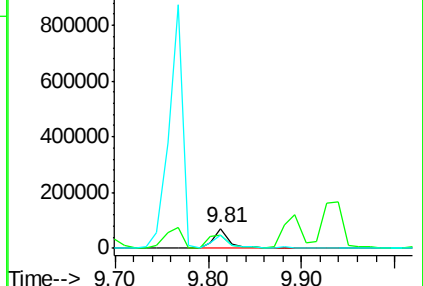
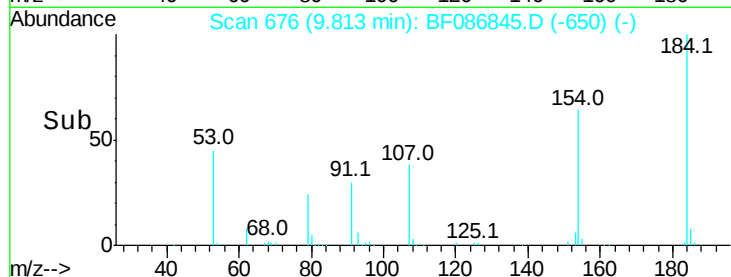
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.9	55.8	83.8	
154	65.1	62.4	93.6	

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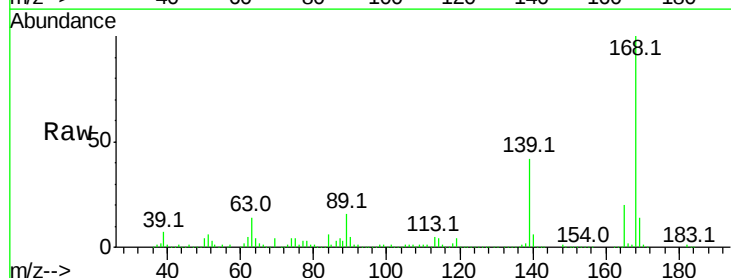


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

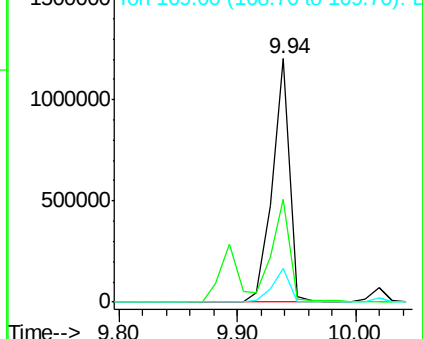
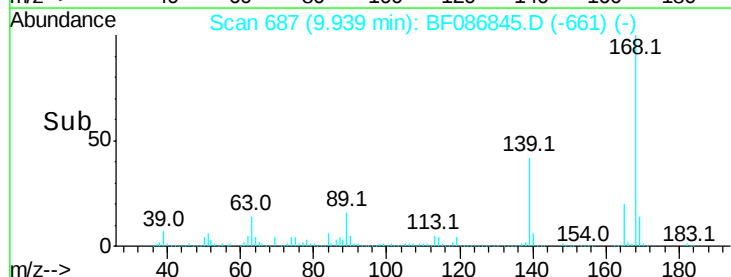


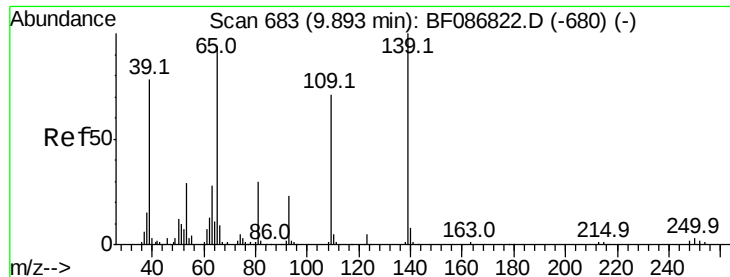
#54
 Dibenzofuran
 Concen: 49.15 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.3	31.4	47.0	
169	13.8	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 85.07 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:139 Resp: 325175

Ion Ratio Lower Upper

139 100

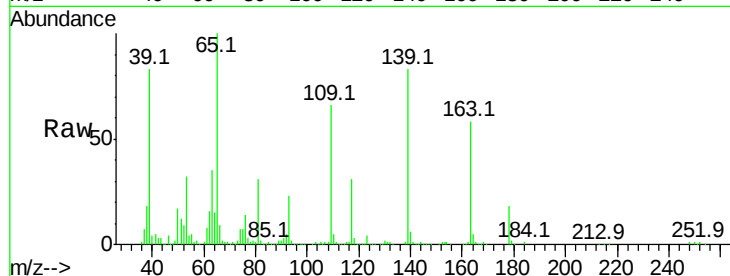
109 79.4 36.9 76.9#

65 120.3 64.0 104.0#

Manual Integrations
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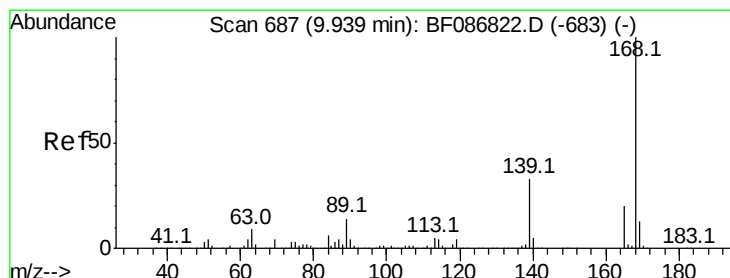
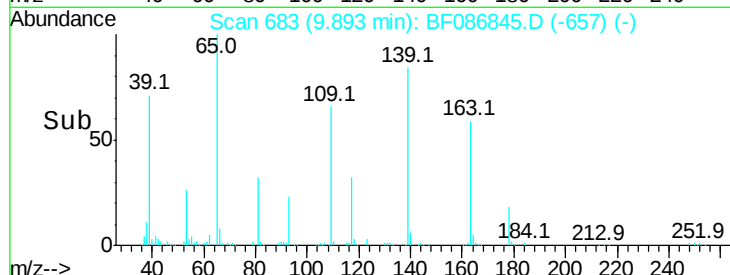
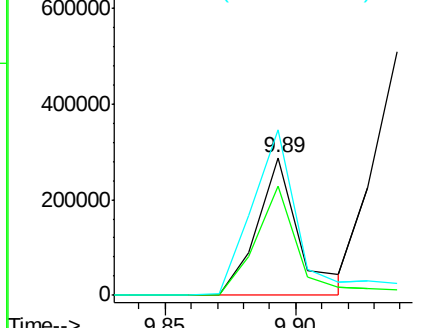
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.54 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:165 Resp: 292357

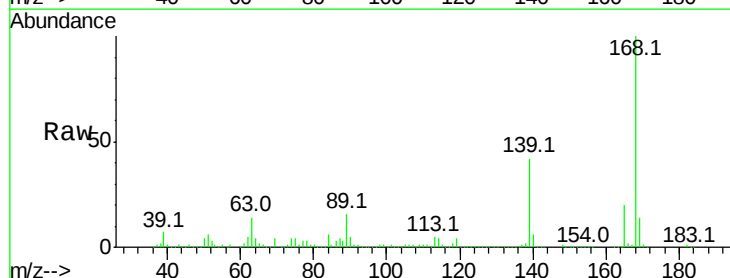
Ion Ratio Lower Upper

165 100

63 68.0 44.3 66.5#

89 77.0 70.0 105.0

182 2.6 1.8 2.6#

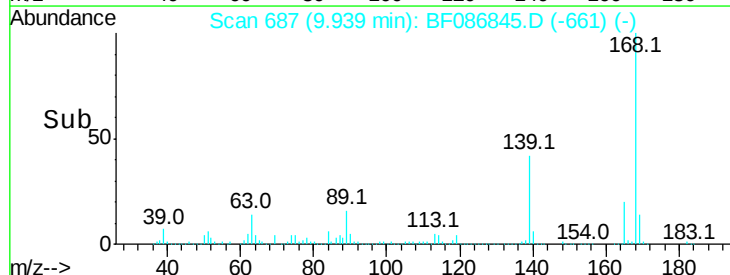
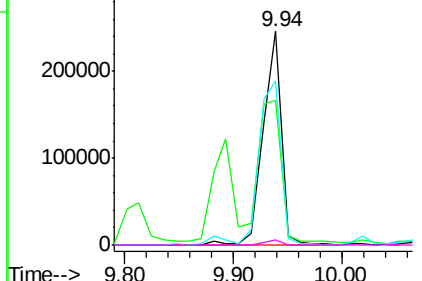


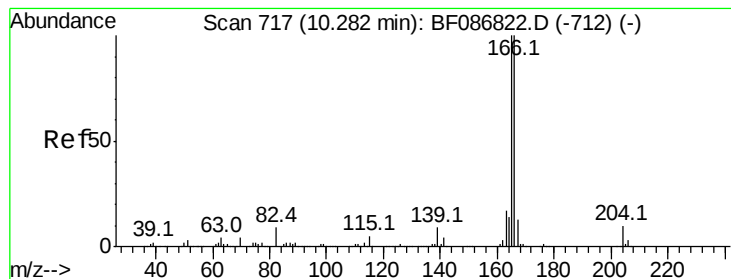
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.81 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:166 Resp: 1008432

Ion Ratio Lower Upper

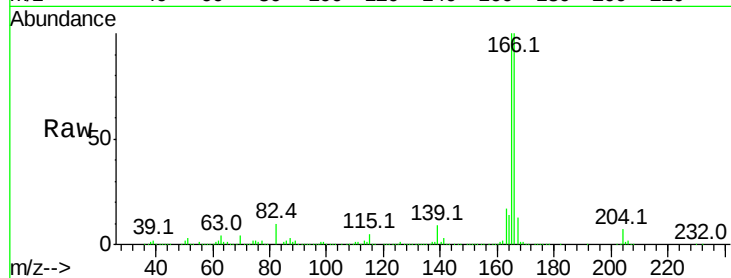
166 100

165 99.6 79.0 118.6

167 13.4 10.6 15.8

Manual Integrations
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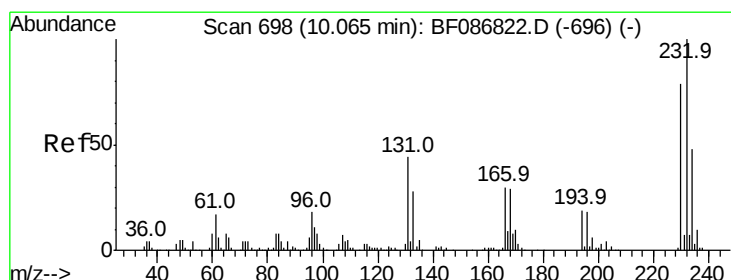
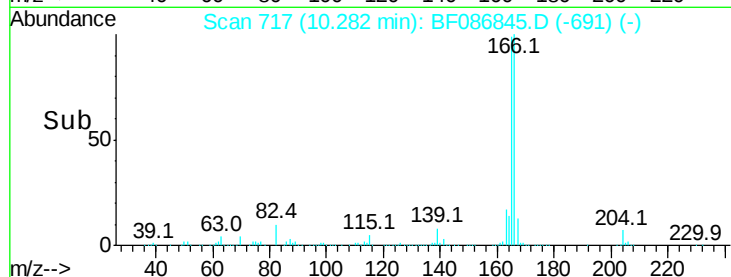
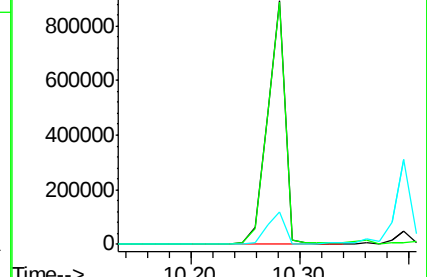
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 47.26 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:232 Resp: 241755

Ion Ratio Lower Upper

232 100

131 52.3 41.9 62.9

130 3.4 2.2 3.4#

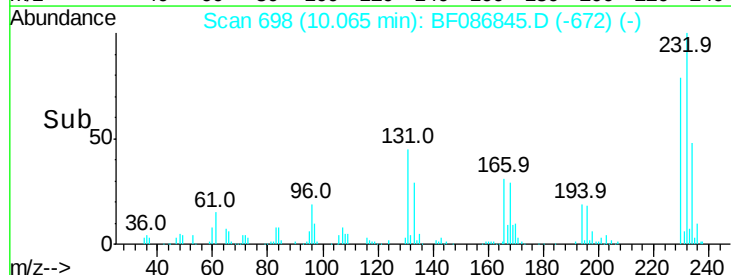
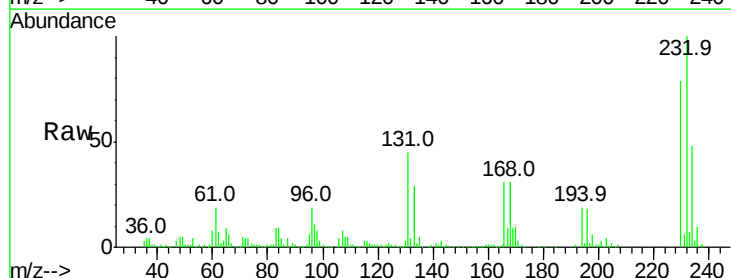
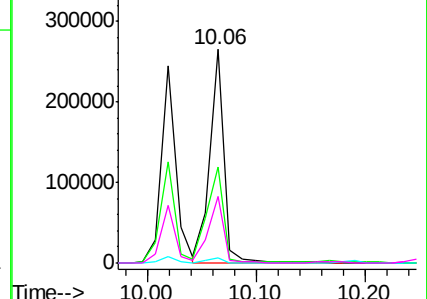
166 33.2 26.8 40.2

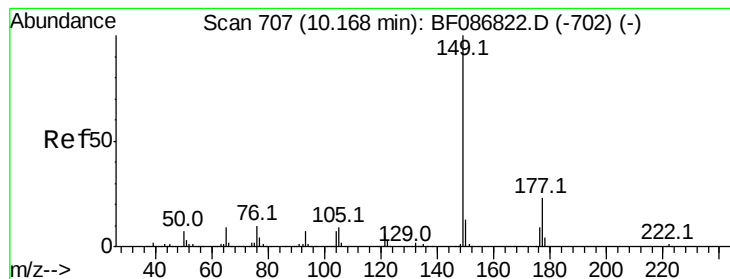
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.39 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampled :

TP8-9.5FTMSD

Tot Ion:149 Resp: 1039789

Ion Ratio Lower Upper

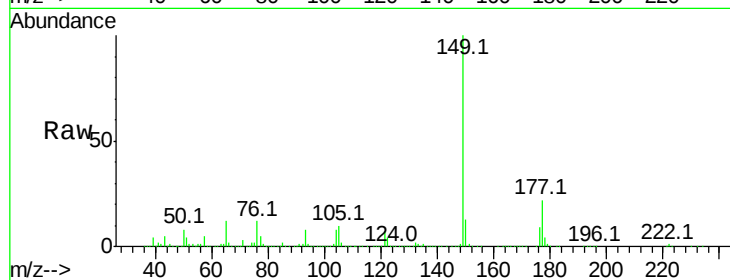
149 100

177 22.3 16.6 24.8

150 13.0 10.0 15.0

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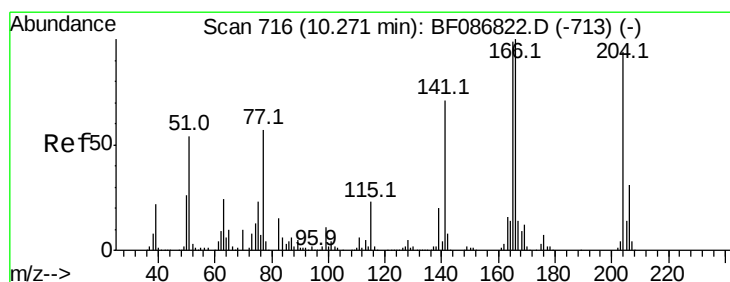
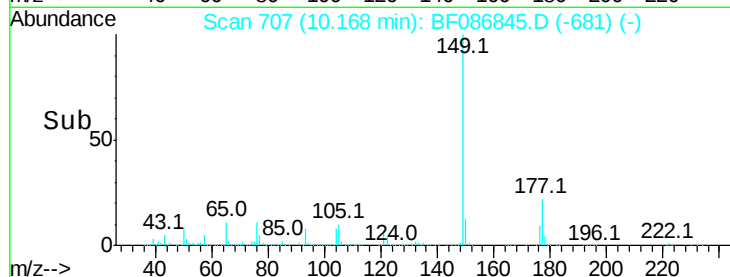
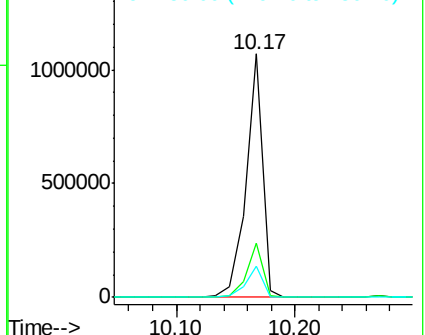
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.34 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

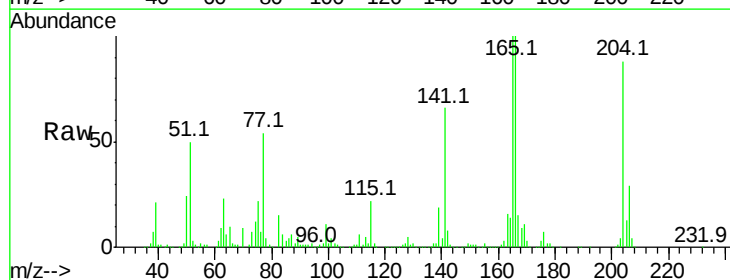
Tgt Ion:204 Resp: 372614

Ion Ratio Lower Upper

204 100

206 32.5 25.4 38.0

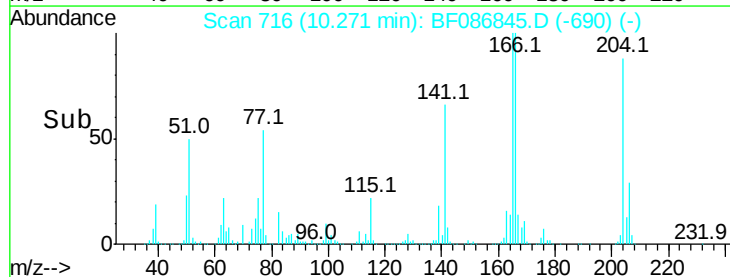
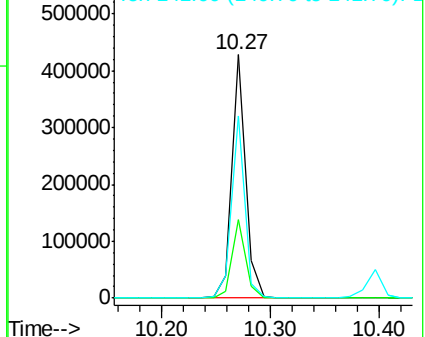
141 74.9 61.6 92.4

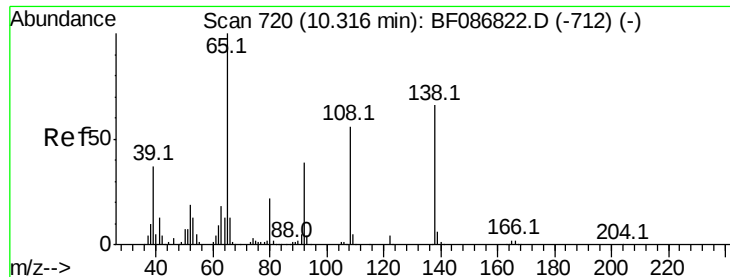


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





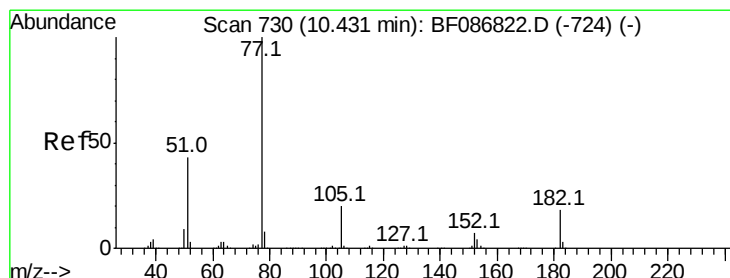
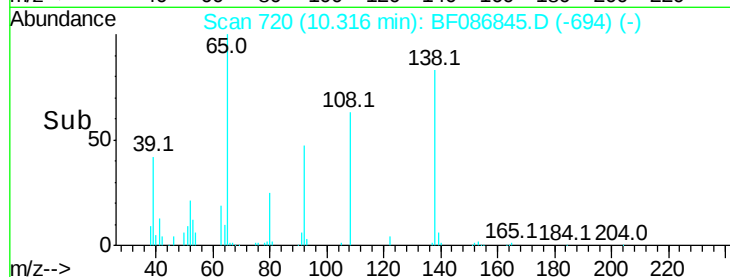
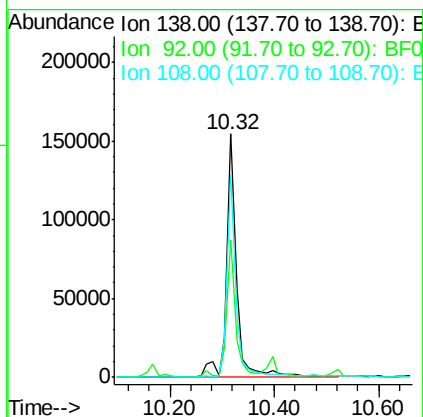
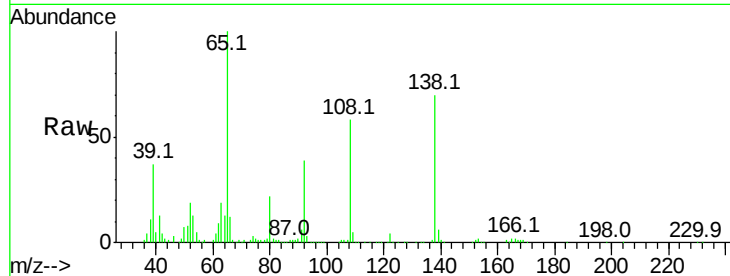
#61
4-Nitroaniline
Concen: 37.13 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	24.7	64.7
108	83.3	37.4	77.4

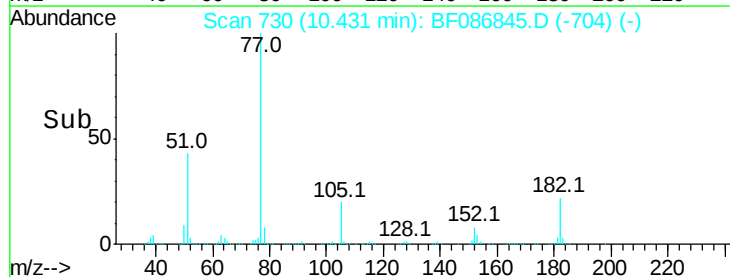
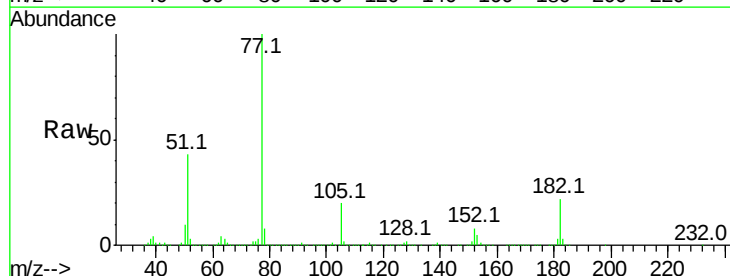
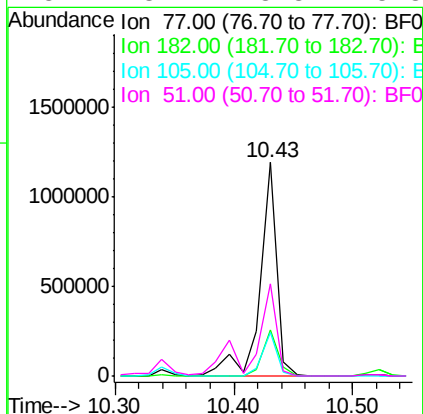
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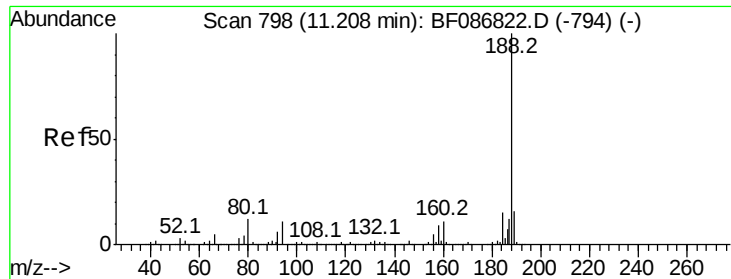
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#62
Azobenzene
Concen: 42.96 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.0	38.8
105	20.5	3.2	43.2
51	43.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

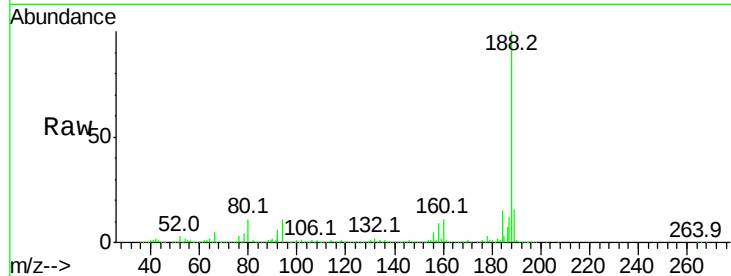
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	188	Resp:	595981
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.8	10.2#
80	11.5	7.1	10.7#

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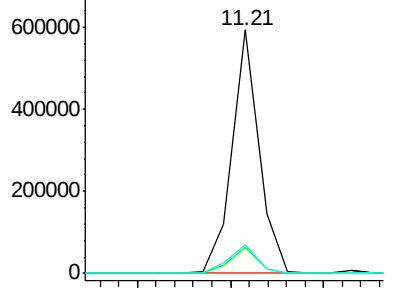
sohil
5/10/2016 11:06:08 AM



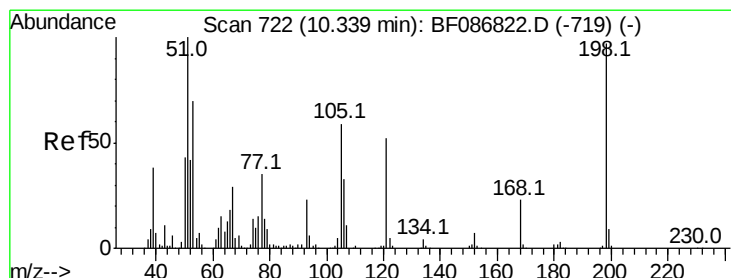
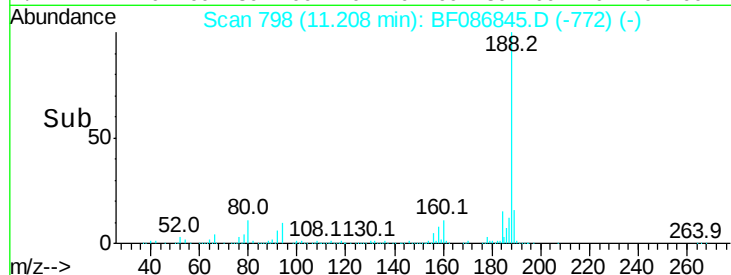
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 27.45 ng

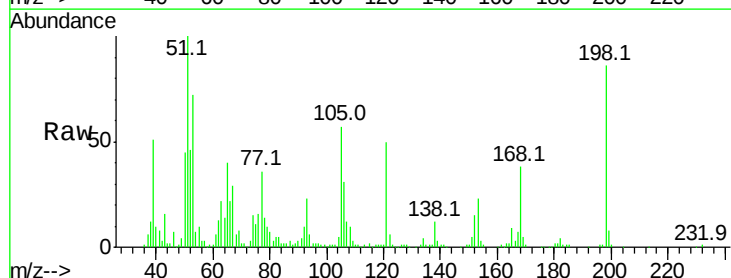
RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

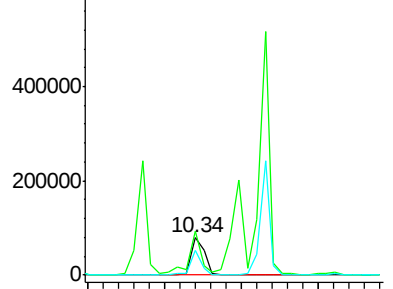
Tgt Ion:	198	Resp:	101642
Ion Ratio	Lower	Upper	
198	100		
51	116.0	20.5	60.5#
105	66.5	24.5	64.5#



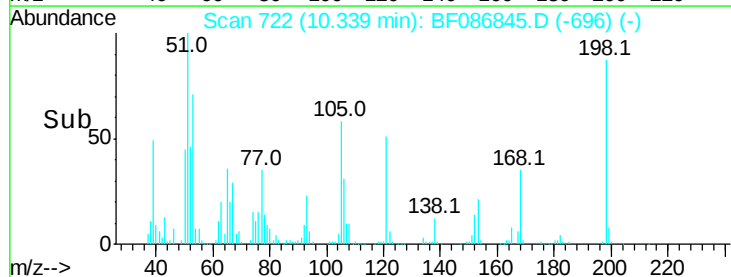
Abundance Ion 198.00 (197.70 to 198.70): E

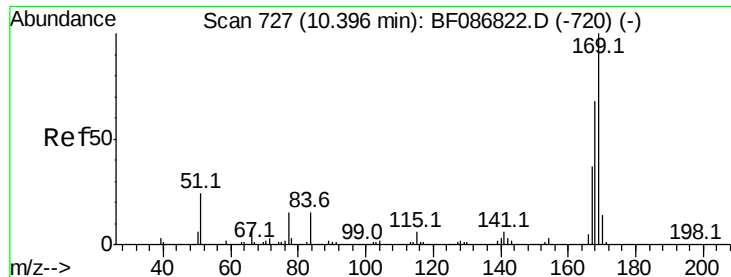
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 43.04 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

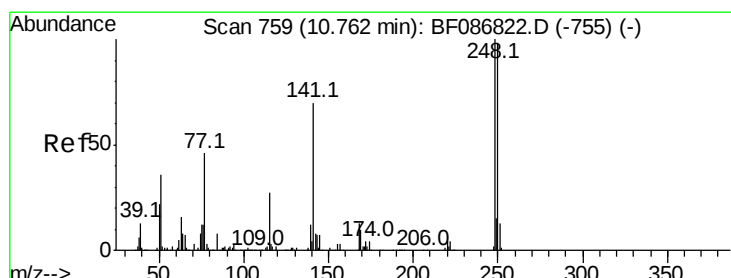
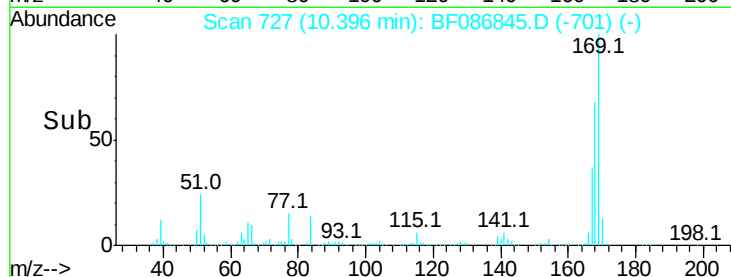
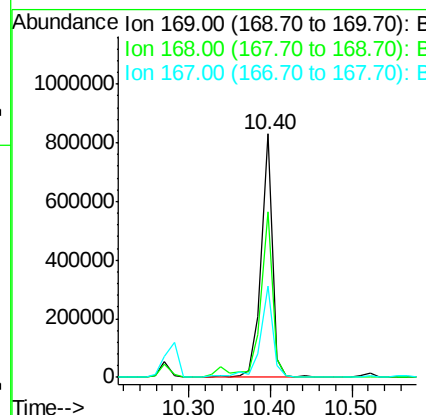
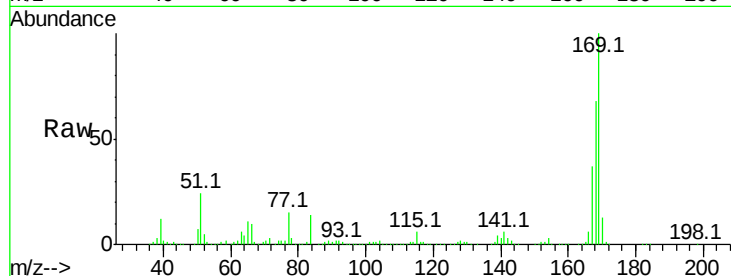
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	169	Resp:	788116
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.8	80.6
167	37.4	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 43.07 ng

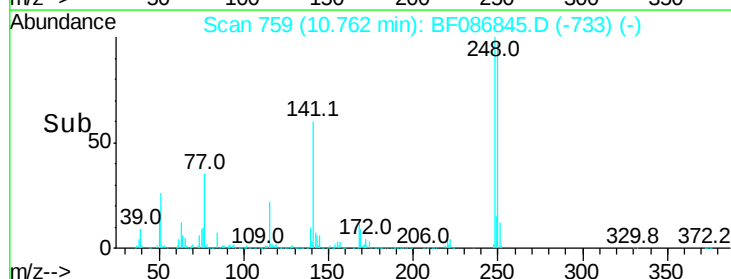
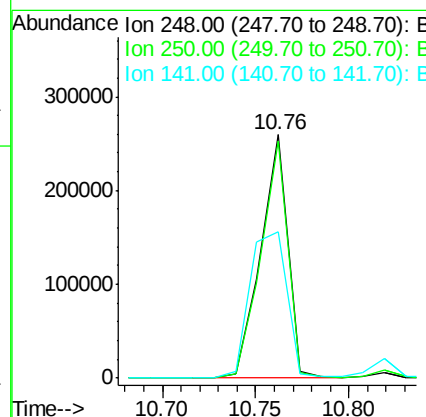
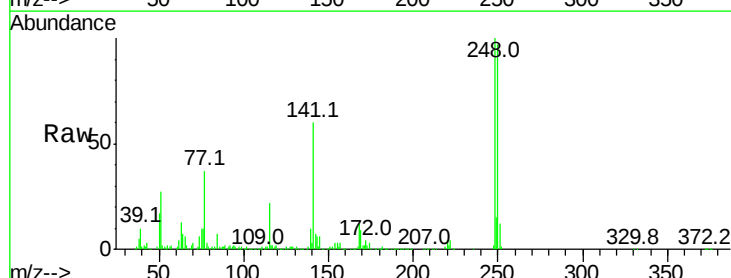
RT: 10.76 min Scan# 759

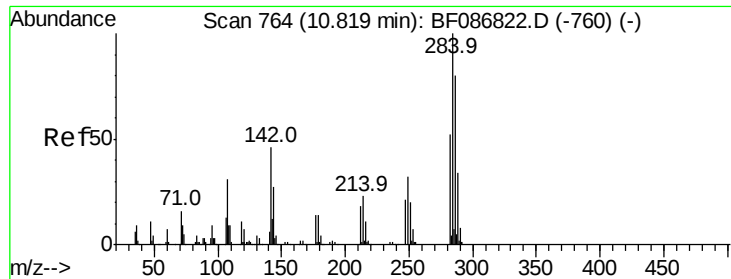
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	248	Resp:	260277
Ion Ratio	Lower	Upper	
248	100		
250	97.4	78.6	117.8
141	60.1	76.0	114.0#





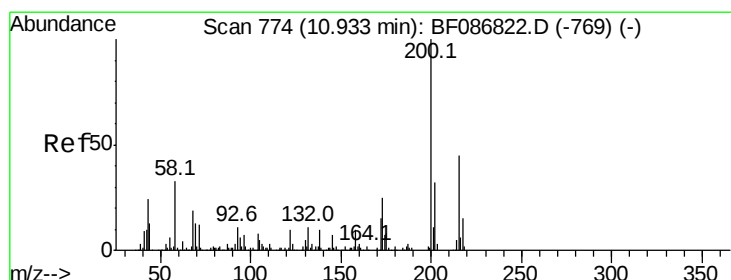
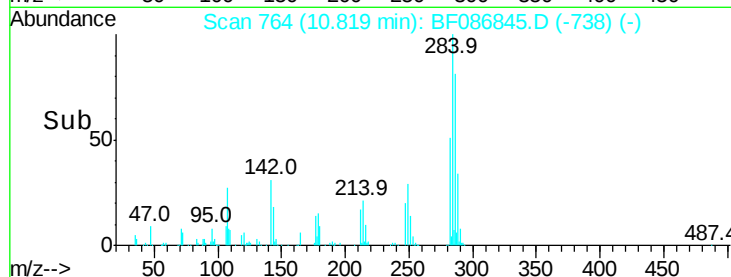
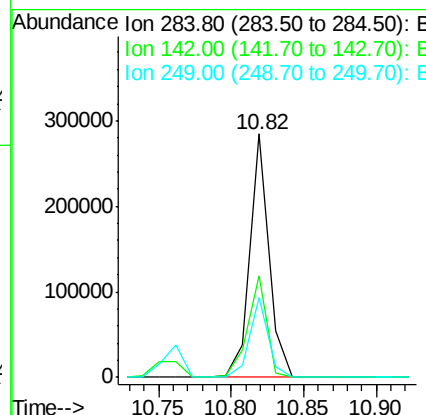
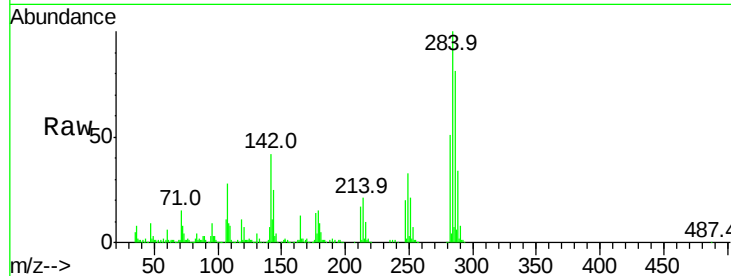
#67
Hexachlorobenzene
Concen: 37.04 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	41.8	16.7	25.1#
249	32.6	21.3	31.9#

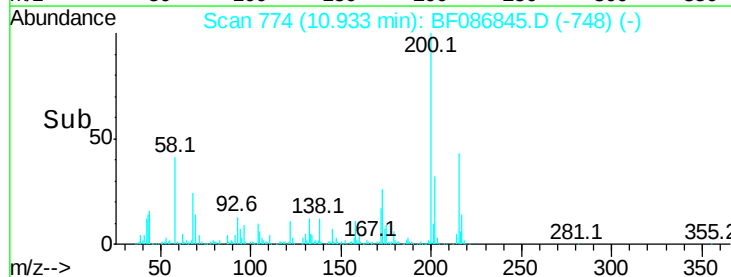
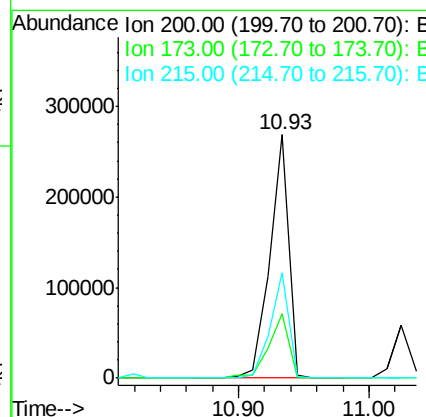
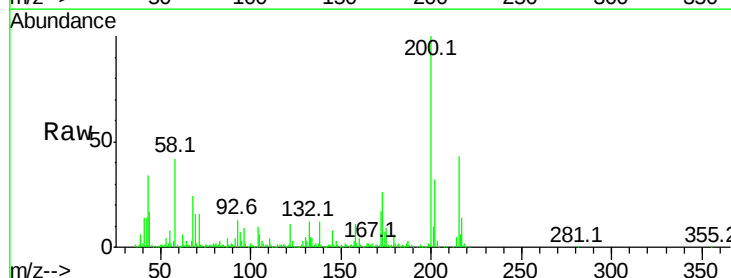
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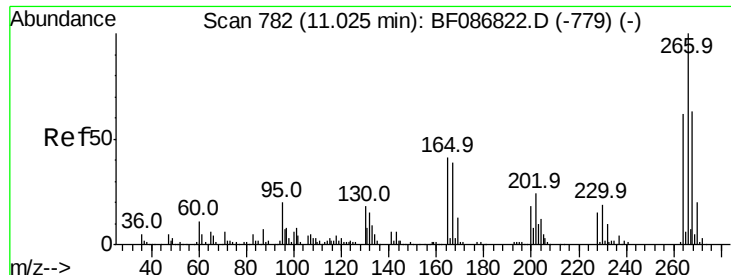
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#68
Atrazine
Concen: 44.53 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	8.5	48.5
215	43.3	27.2	67.2





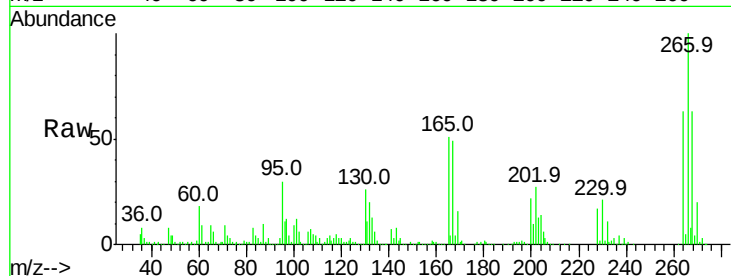
#69
 Pentachlorophenol
 Concen: 85.62 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

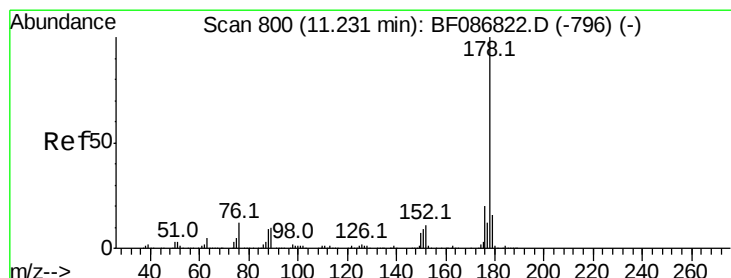
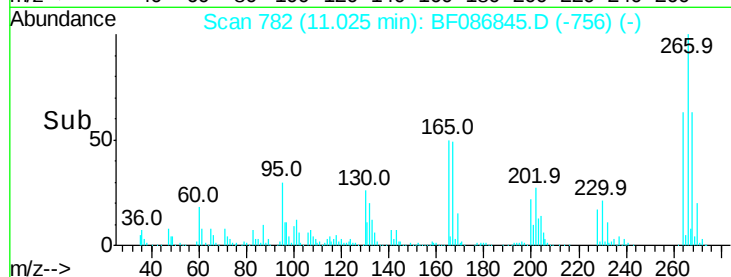
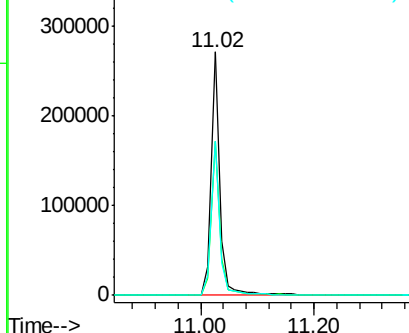
Tot Ion	Ratio	Resp	Lower	Upper
266	100	279442		
268	63.4	51.5	77.3	
264	63.4	52.9	79.3	

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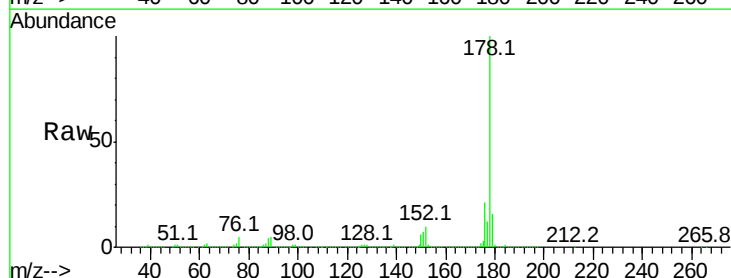


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

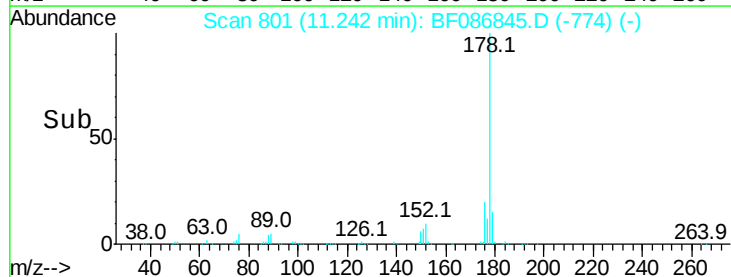
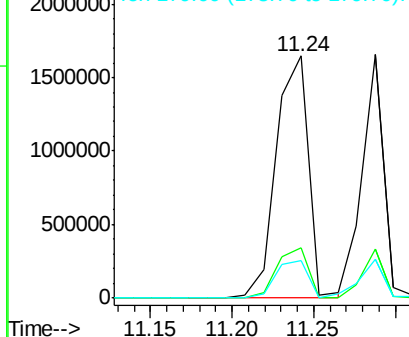


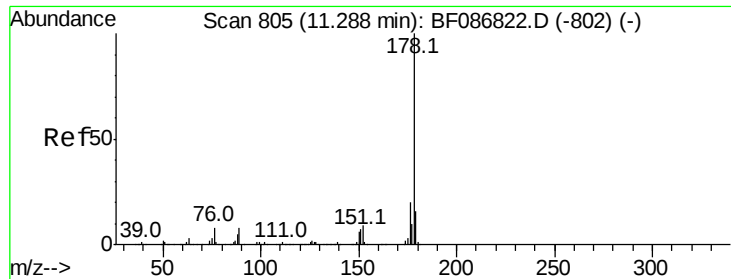
#70
 Phenanthrene
 Concen: 71.07 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2260384		
176	20.6	16.0	24.0	
179	15.7	12.6	18.8	



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





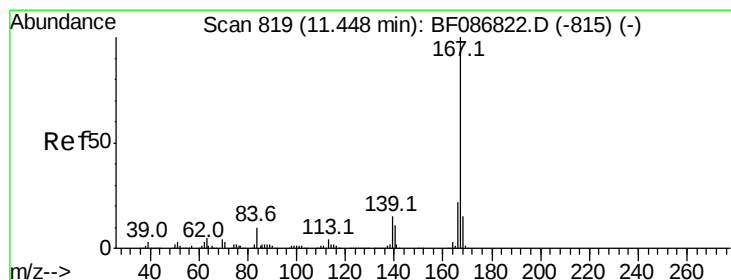
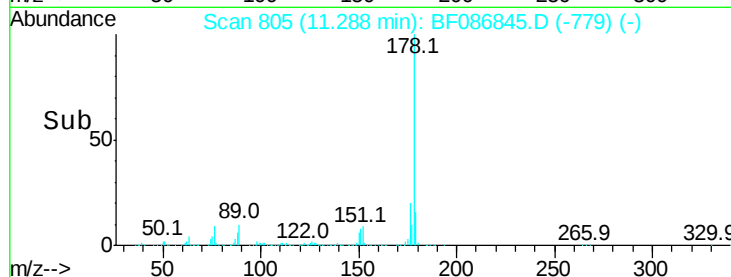
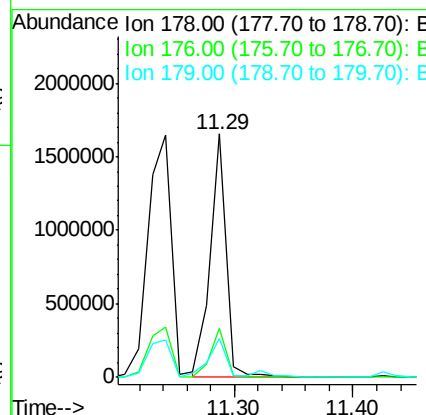
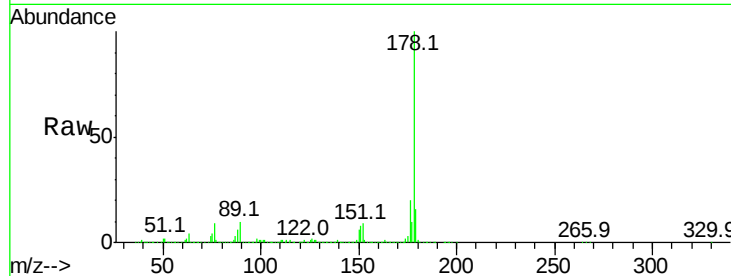
#71
 Anthracene
 Concen: 47.66 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.0	12.7	19.1

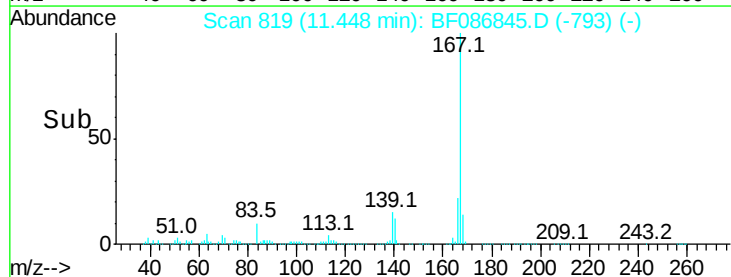
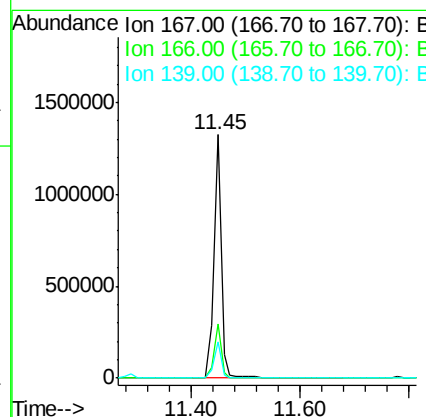
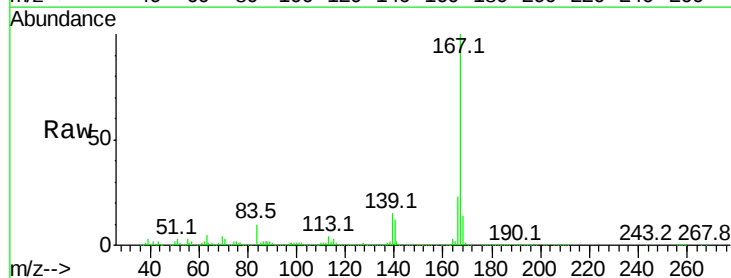
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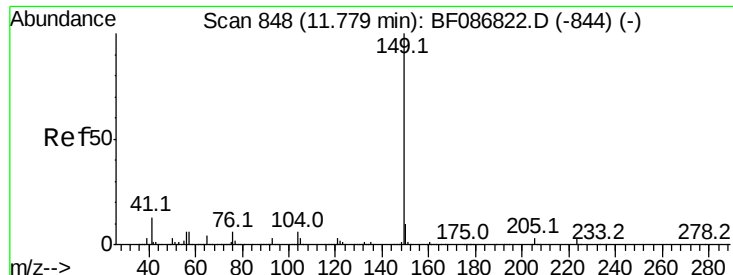
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#72
 Carbazole
 Concen: 44.31 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	14.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 39.00 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:149 Resp: 1331608

Ion Ratio Lower Upper

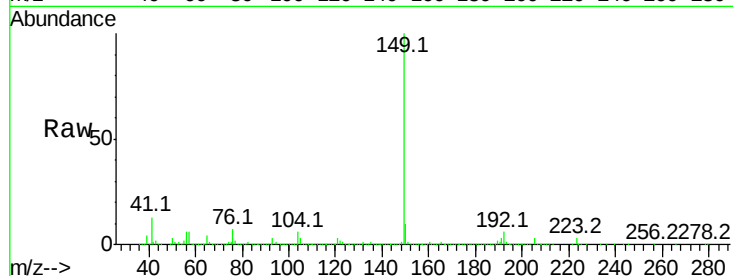
149 100

150 9.8 7.6 11.4

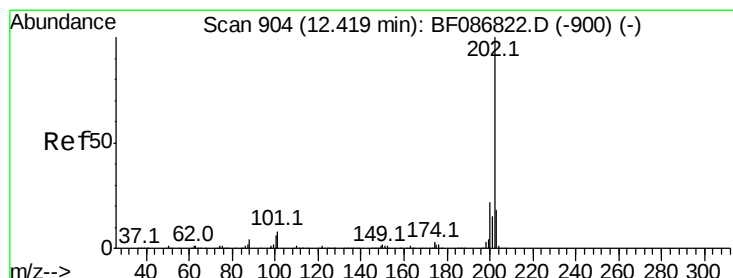
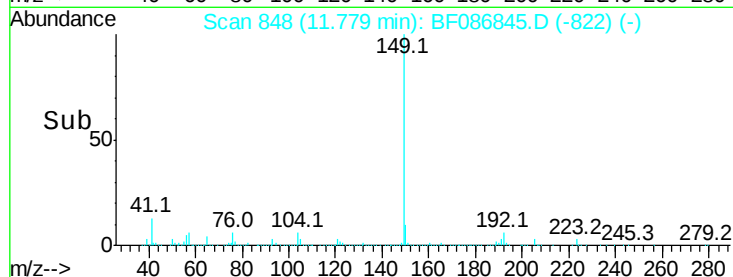
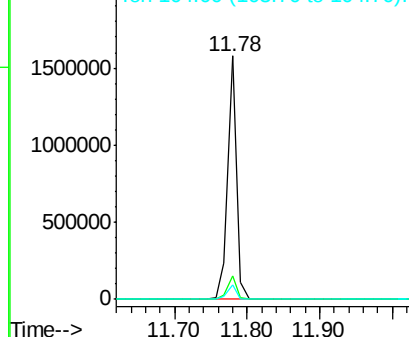
104 6.1 3.8 5.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 57.74 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

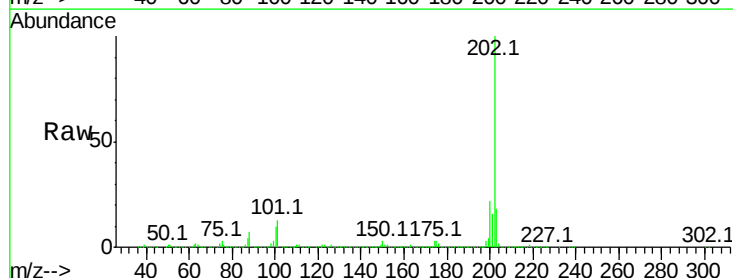
Tgt Ion:202 Resp: 1888856

Ion Ratio Lower Upper

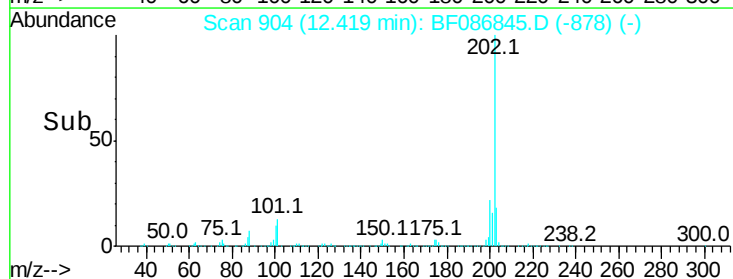
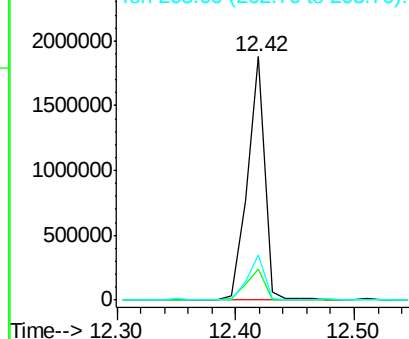
202 100

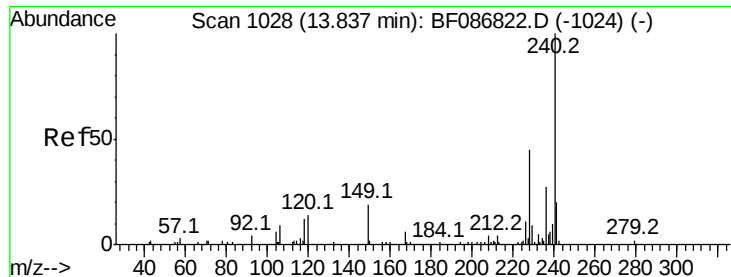
101 12.7 0.0 35.4

203 18.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

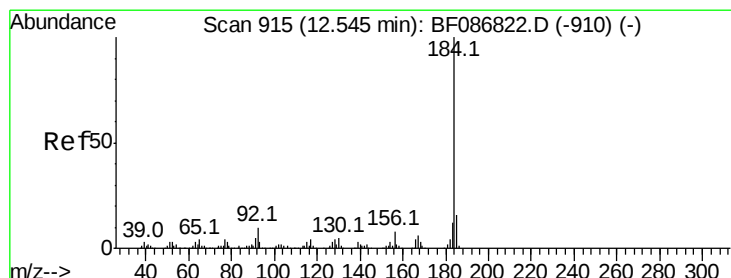
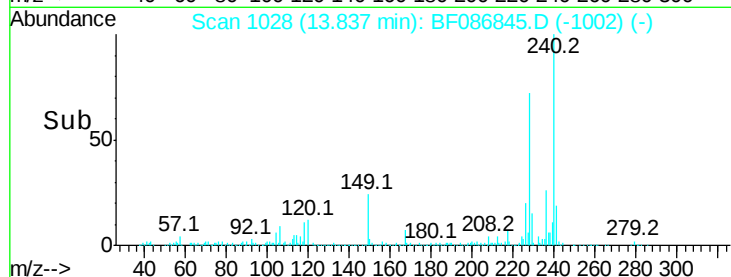
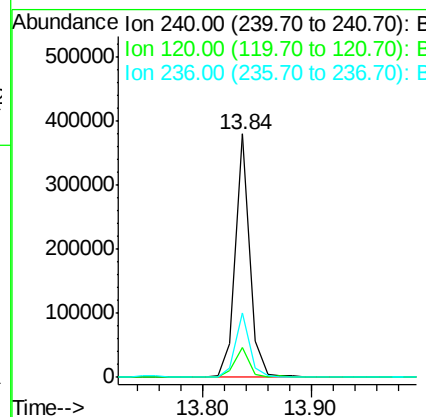
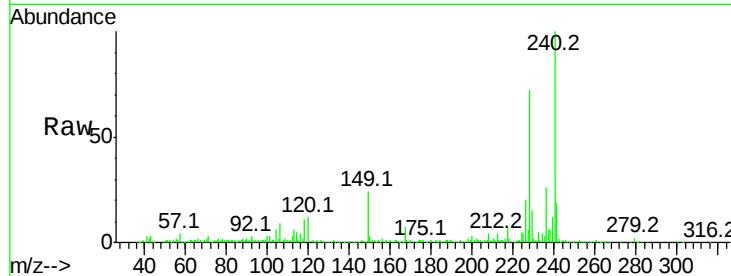
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	240	Resp:	340753
Ion Ratio	Lower	Upper	
240	100		
120	12.2	11.2	16.8
236	26.3	21.2	31.8

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#76

Benzidine

Concen: 57.67 ng

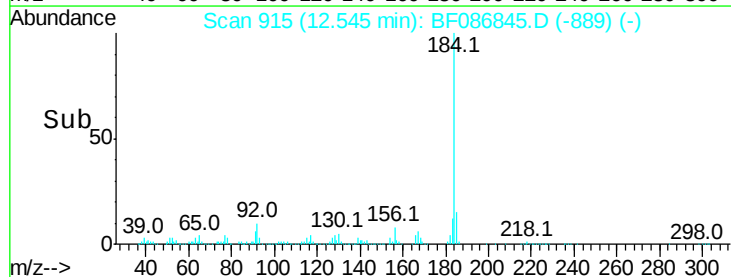
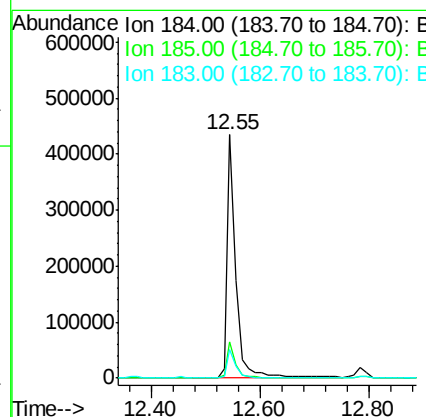
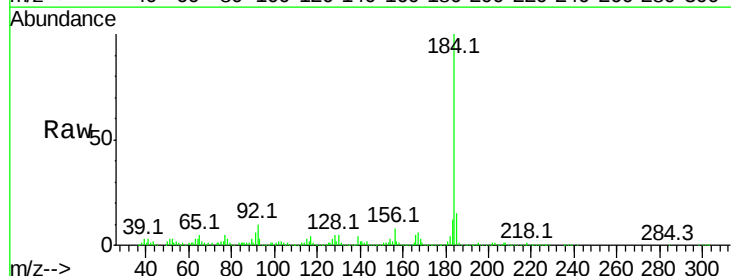
RT: 12.55 min Scan# 915

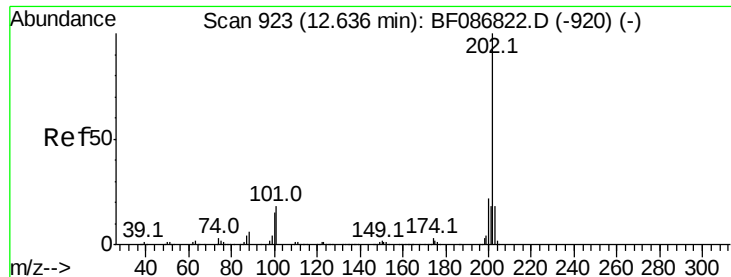
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	184	Resp:	500985
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.6	20.4
183	11.9	9.8	14.6





#77

Pvrene

Concen: 72.41 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

TP8-9.5FTMSD

Tot Ion:202 Resp: 1889105

Ion Ratio Lower Upper

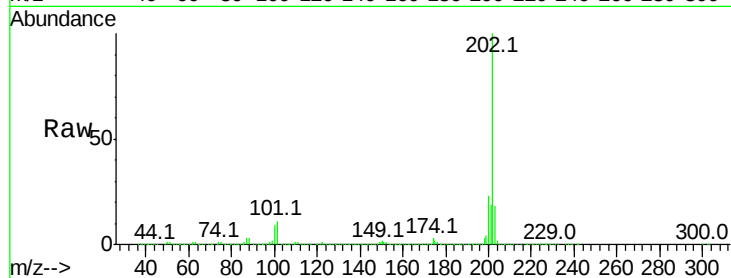
202 100

200 22.6 17.7 26.5

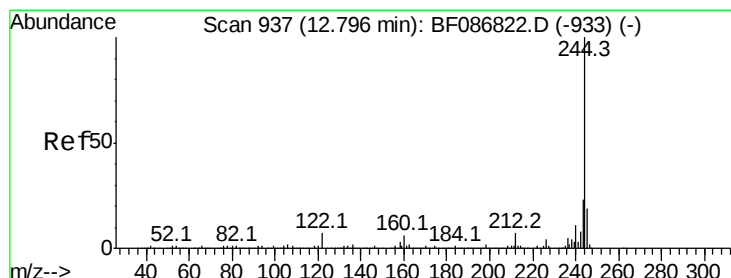
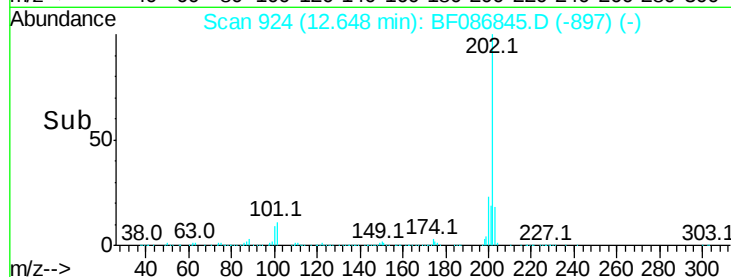
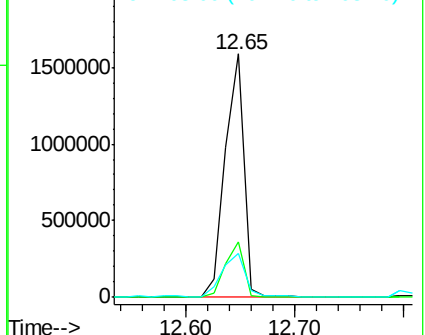
203 18.1 14.2 21.4

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



#78

Terphenyl-d14

Concen: 82.74 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

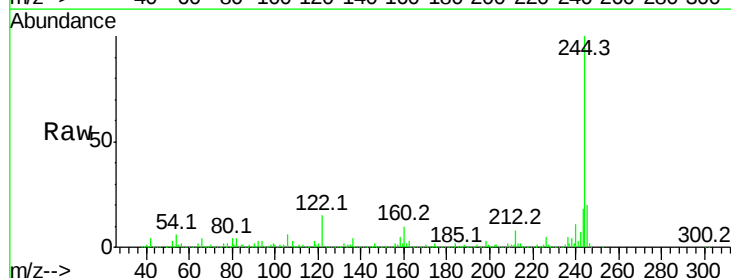
Tgt Ion:244 Resp: 1328832

Ion Ratio Lower Upper

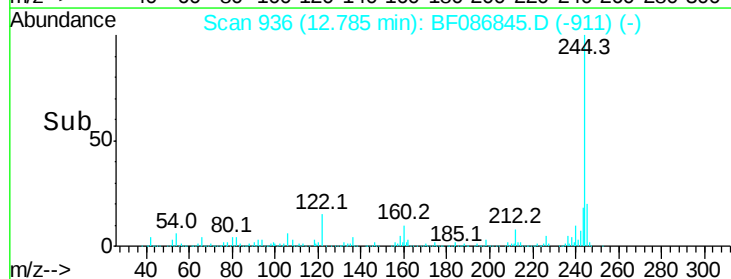
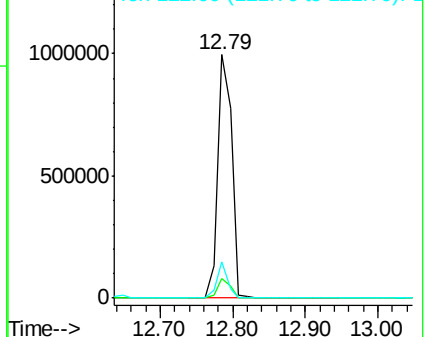
244 100

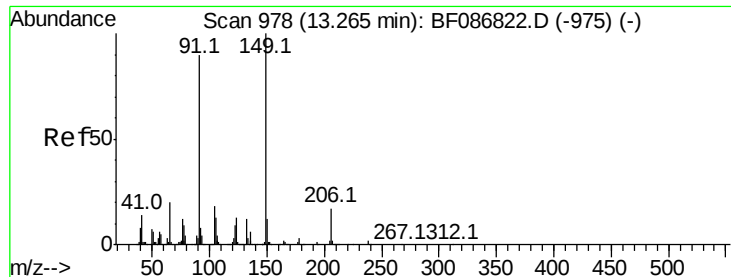
212 8.1 6.2 9.2

122 15.1 12.0 18.0



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





#79

Butylbenzylphthalate

Concen: 42.69 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

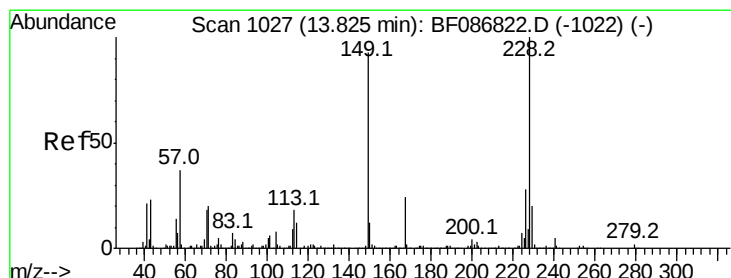
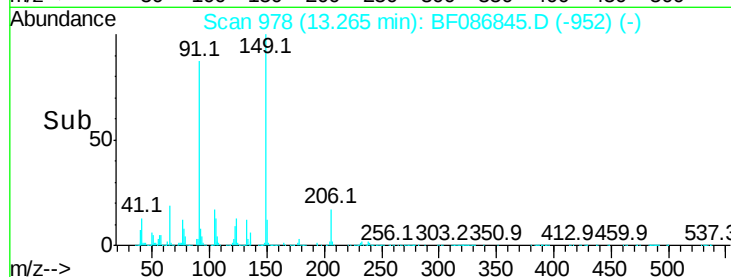
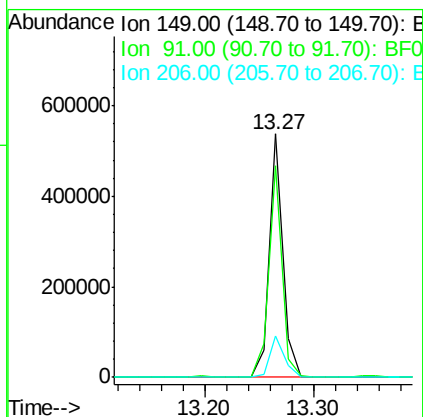
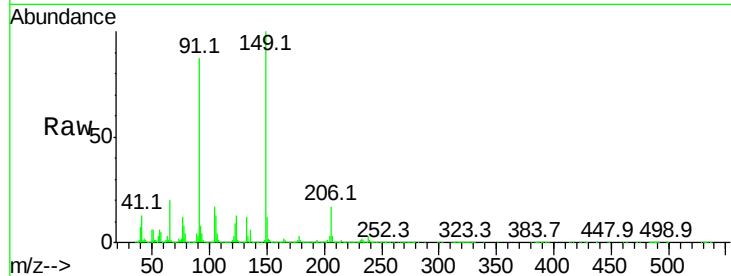
ClientSampleId :

TP8-9.5FTMSD

Tot Ion:	149	Resp:	471070
Ion Ratio	Lower	Upper	
149	100		
91	86.8	48.0	72.0#
206	16.9	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 55.15 ng

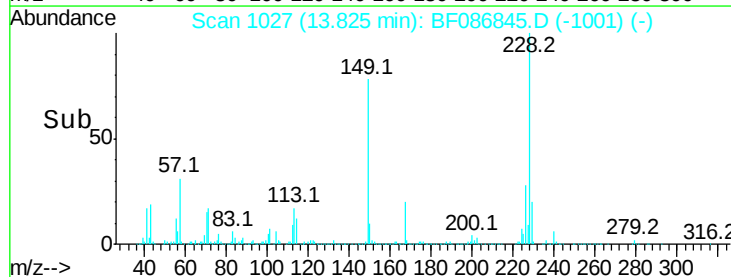
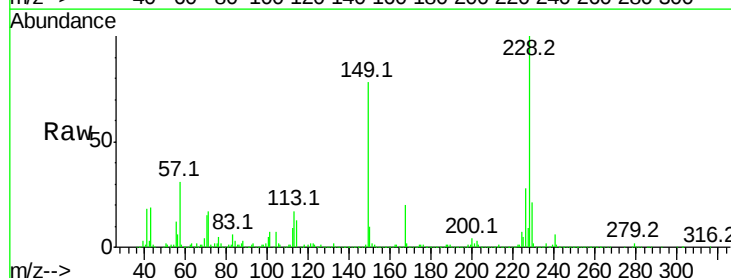
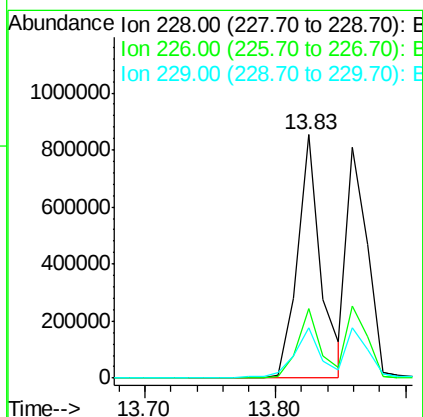
RT: 13.83 min Scan# 1027

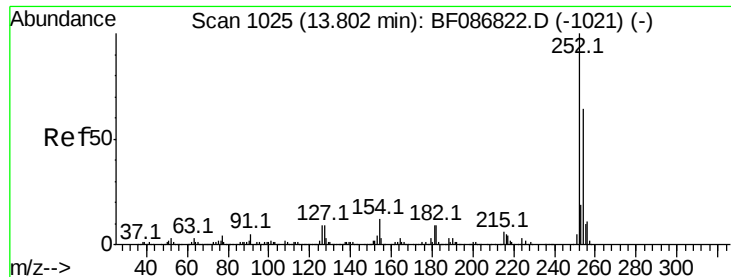
Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Tgt Ion:	228	Resp:	1055056
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.5	33.7
229	20.6	16.6	25.0





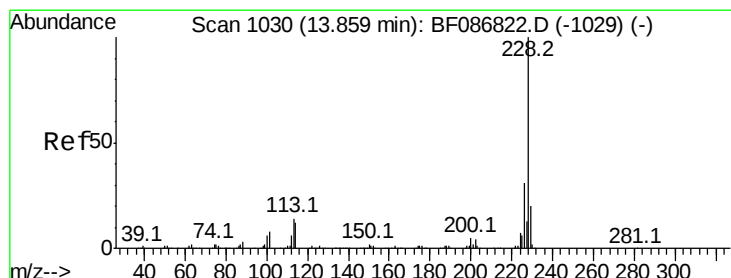
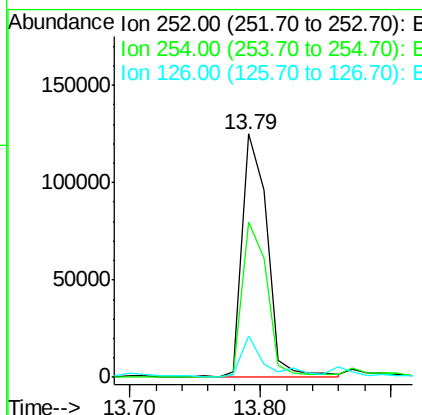
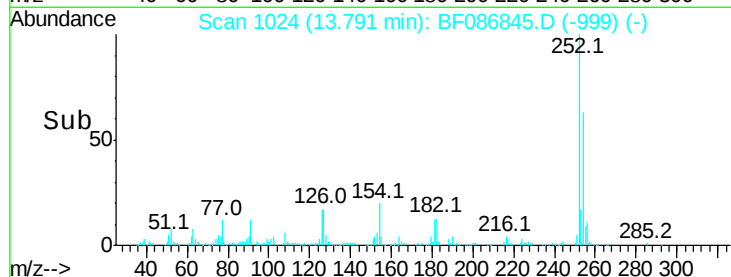
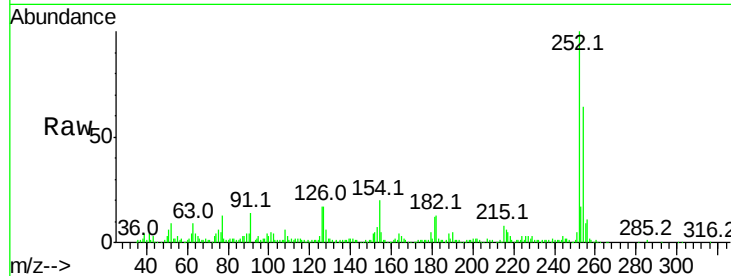
#81
3,3'-Dichlorobenzidine
Concen: 13.47 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	17.0	12.7	19.1

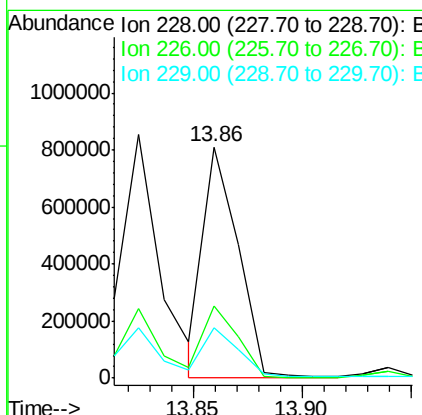
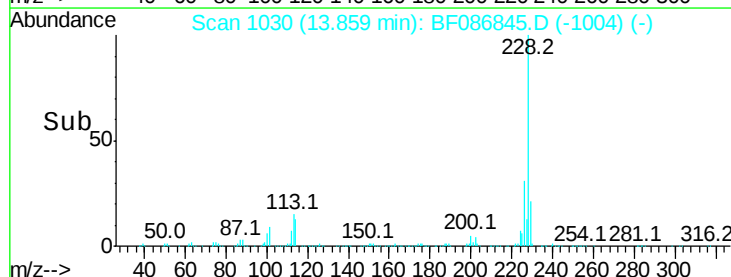
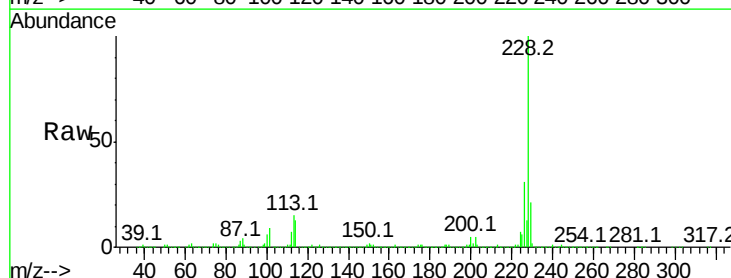
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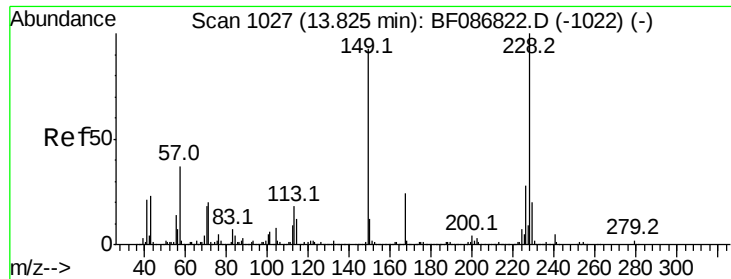
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#82
Chrysene
Concen: 46.30 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	21.5	15.8	23.8





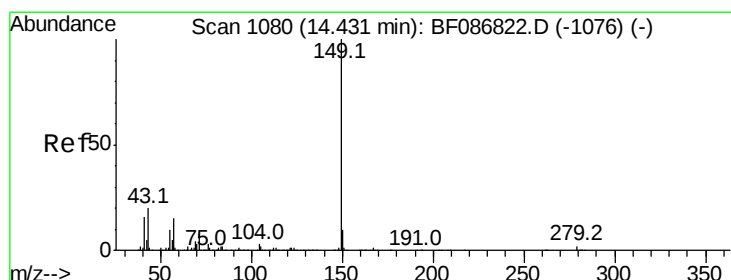
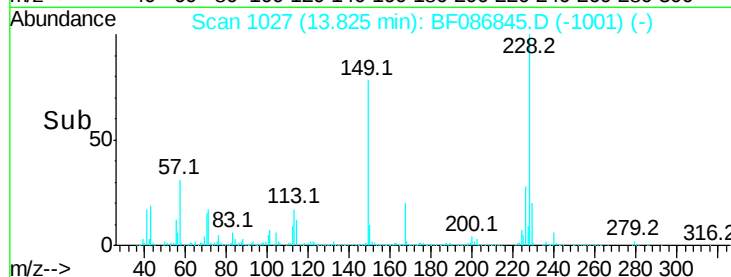
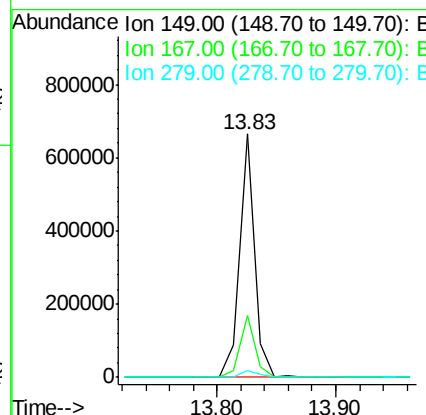
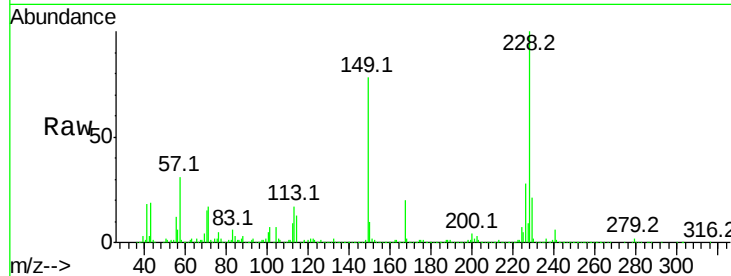
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.15 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	586001		
167	25.4	21.8	32.6	
279	2.9	2.6	4.0	

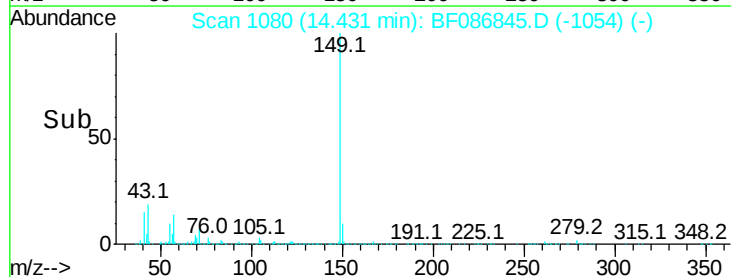
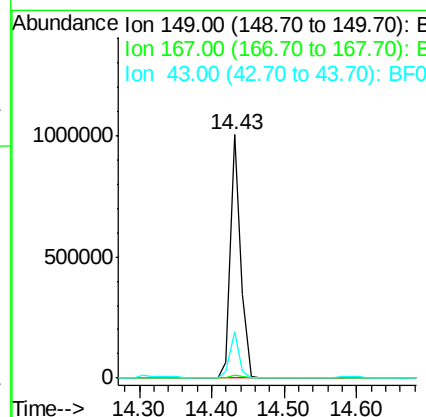
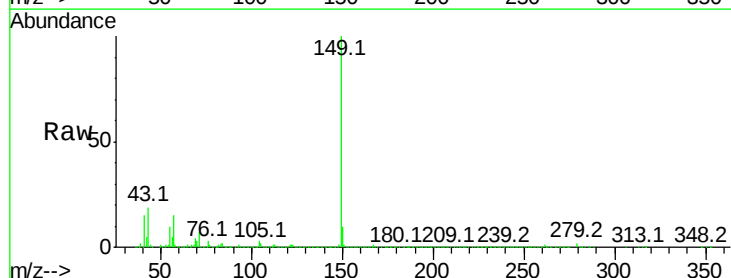
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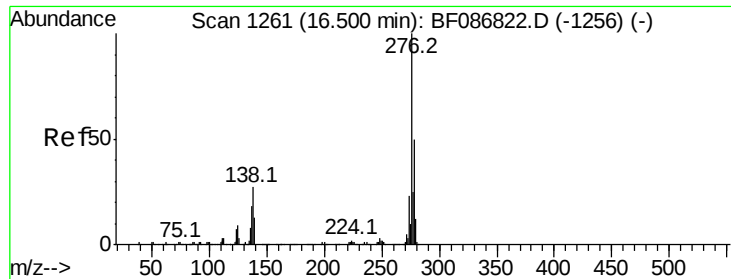
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#84
 Di-n-octyl phthalate
 Concen: 44.54 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	979227		
167	1.6	1.2	1.8	
43	16.9	8.2	12.4	





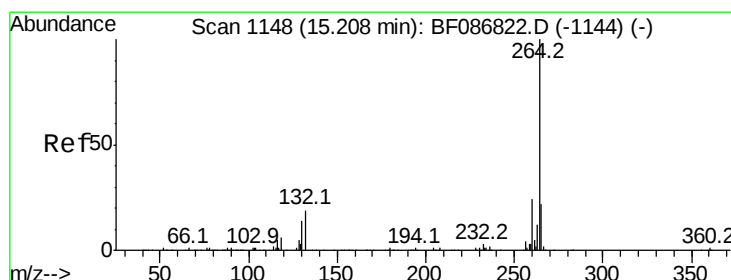
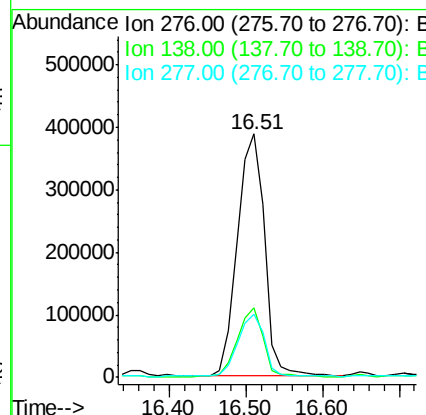
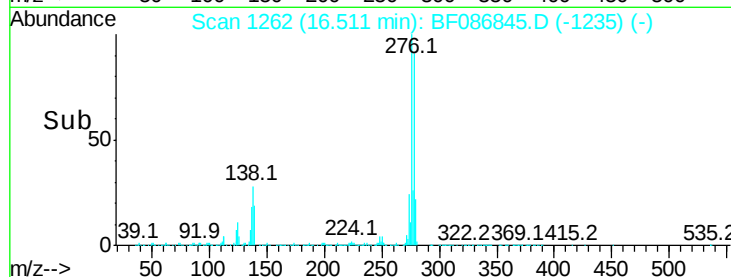
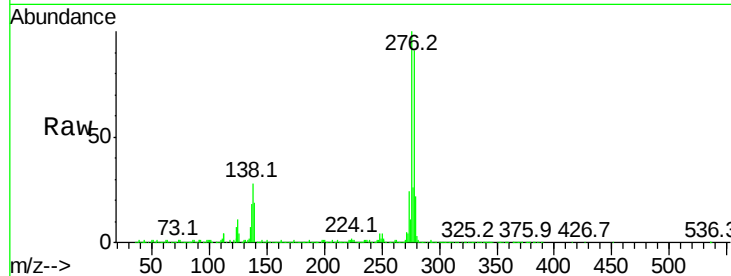
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.46 ng
RT: 16.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	962716		
138	27.0	25.6	38.4	
277	25.8	20.5	30.7	

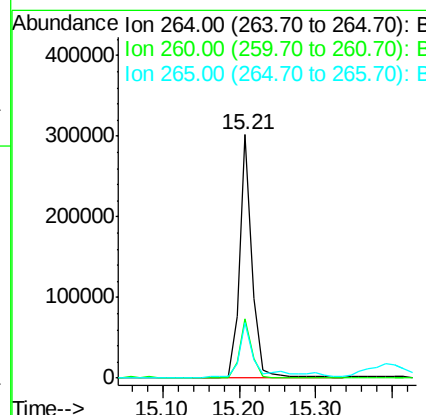
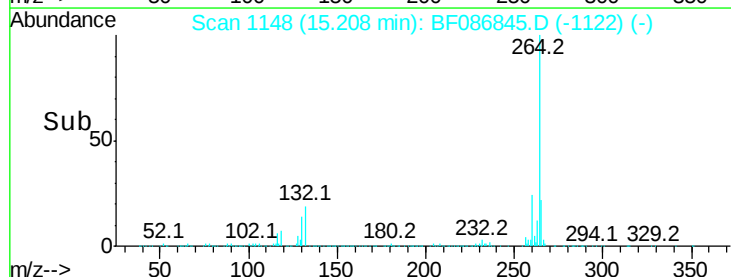
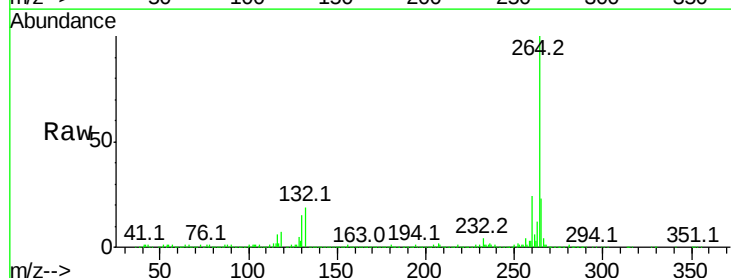
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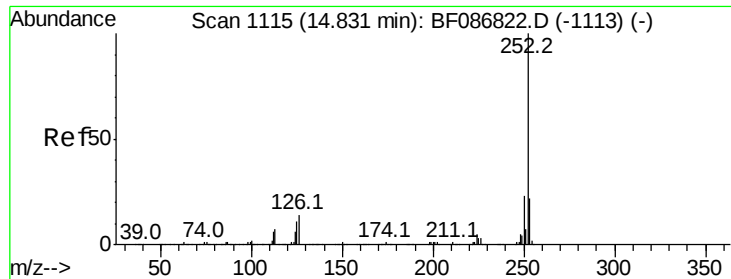
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	347559		
260	24.5	19.5	29.3	
265	22.7	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 45.83 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

Instrument :

BNA_F

ClientSampled :

TP8-9.5FTMSD

Tot Ion:252 Resp: 1035184

Ion Ratio Lower Upper

252 100

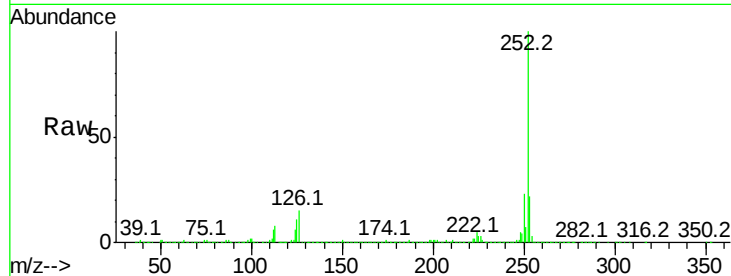
253 22.5 17.8 26.6

125 11.4 11.4 17.0

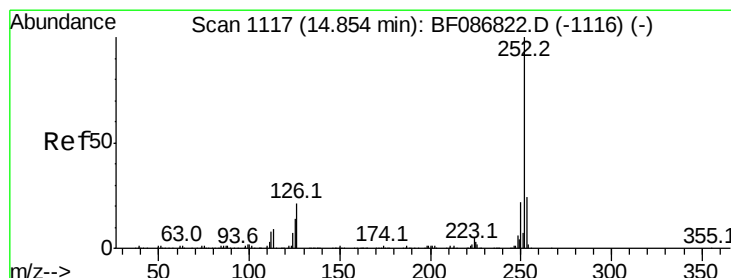
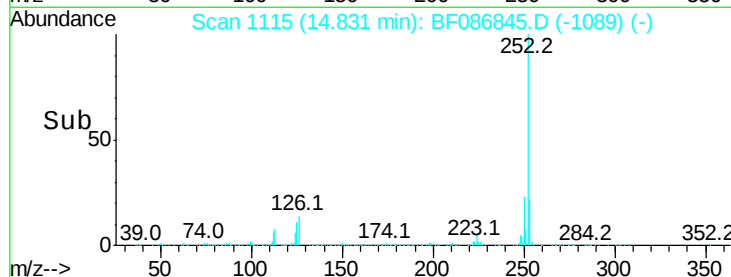
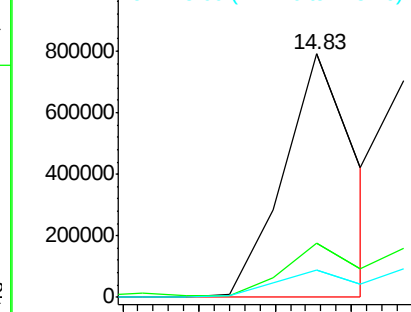
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.76 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086845.D

Acq: 10 May 2016 2:51

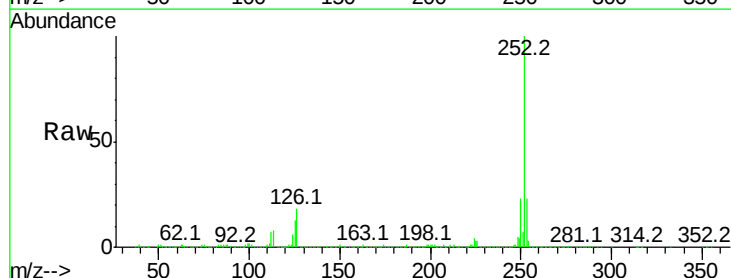
Tgt Ion:252 Resp: 790875

Ion Ratio Lower Upper

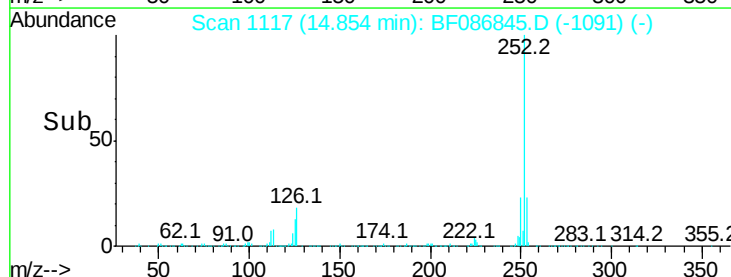
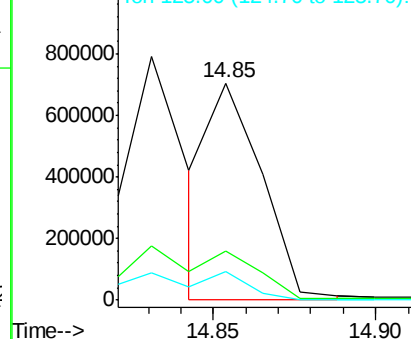
252 100

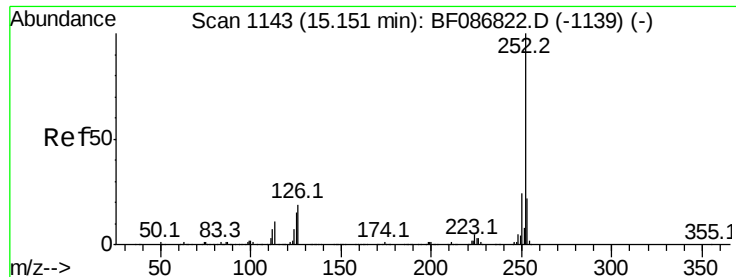
253 22.8 17.8 26.6

125 12.9 9.1 13.7



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





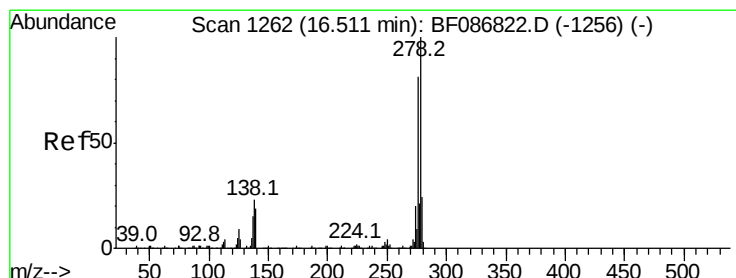
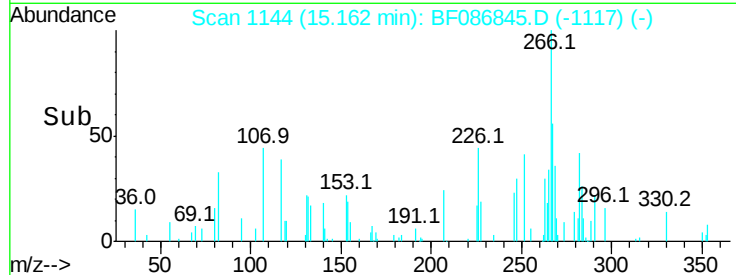
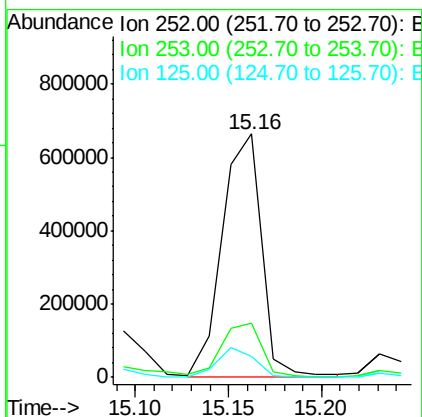
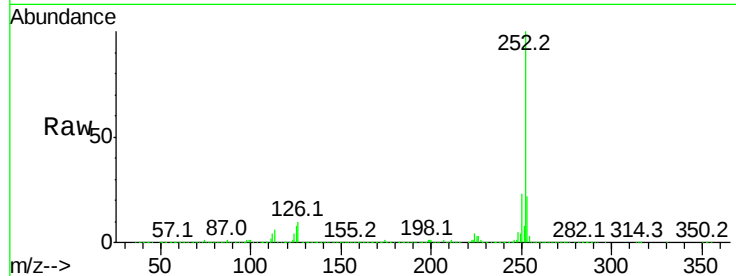
#89
Benzo(a)pyrene
Concen: 50.14 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TP8-9.5FTMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.5	9.0	13.6

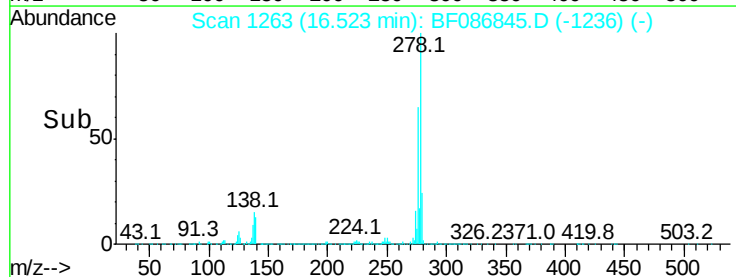
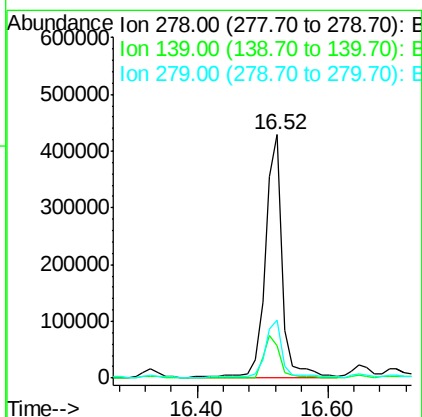
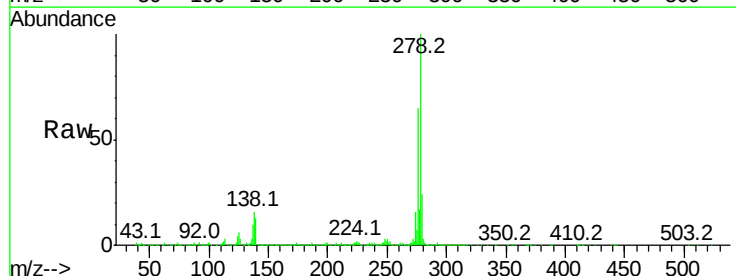
Manual Integrations
APPROVED

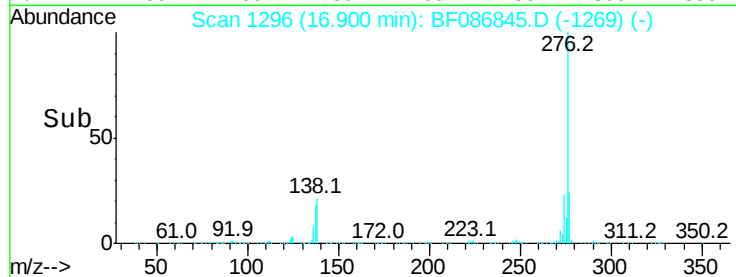
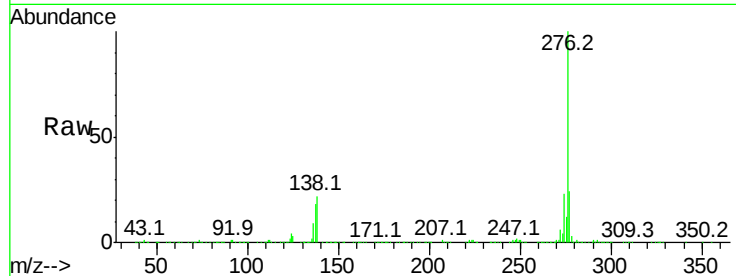
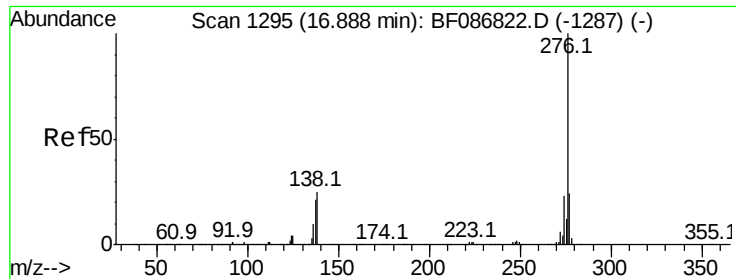
sohil
5/10/2016 11:06:08 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.47 ng
RT: 16.52 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF086845.D
Acq: 10 May 2016 2:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.3	16.6	24.8
279	24.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.68 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF086845.D
 Acq: 10 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 TP8-9.5FTMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	19.6	29.4
138	21.6	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:08 AM

