

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083555.D
 Acq On : 7 Dec 2015 11:18
 Operator : UM/IZ
 Sample : G4573-04MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Manual Integrations
 APPROVED

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 12/7/2015 6:33:47 PM

Quant Time: Dec 07 11:55:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	161983	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	601267	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	268929	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	435308	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	329538	20.00	ng	-0.02
86) Perylene-d12	18.65	264	257133	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1630013	152.67	ng	0.00
7) Phenol-d6	5.32	99	2135880	145.19	ng	0.00
23) Nitrobenzene-d5	6.58	82	1365676	106.17	ng	-0.02
41) 2,4,6-Tribromophenol	11.72	330	326298	131.53	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1851490	93.38	ng	-0.03
78) Terphenyl-d14	15.46	244	1308227	88.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	200091	35.73	ng	# 95
3) Pyridine	2.34	79	629135	47.08	ng	97
4) n-Nitrosodimethylamine	2.30	42	344811	51.22	ng	94
6) Aniline	5.30	93	475176	24.82	ng	96
8) 2-Chlorophenol	5.46	128	557935	46.99	ng	98
9) Benzaldehyde	5.13	77	271653	32.21	ng	99
10) Phenol	5.33	94	841599	48.92	ng	# 76
11) bis(2-Chloroethyl)ether	5.40	93	603668	47.35	ng	96
12) 1,3-Dichlorobenzene	5.65	146	601639	45.69	ng	98
13) 1,4-Dichlorobenzene	5.76	146	610787	45.42	ng	99
14) 1,2-Dichlorobenzene	5.97	146	559076	45.21	ng	97
15) Benzyl Alcohol	5.98	79	557216	54.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	1090263	46.13	ng	81
17) 2-Methylphenol	6.18	107	480557	49.04	ng	99
18) Hexachloroethane	6.45	117	195051	41.56	ng	# 85
19) n-Nitroso-di-n-propylamine	6.38	70	505132	51.47	ng	97
20) 3+4-Methylphenols	6.42	107	645835	50.73	ng	95
22) Acetophenone	6.35	105	852769	49.24	ng	97
24) Nitrobenzene	6.60	77	691692	48.82	ng	95
25) Isophorone	6.97	82	1243646	50.35	ng	97
26) 2-Nitrophenol	7.08	139	264030	47.23	ng	# 87
27) 2,4-Dimethylphenol	7.21	122	496382	50.25	ng	100
28) bis(2-Chloroethoxy)methane	7.32	93	756836	54.98	ng	99
29) 2,4-Dichlorophenol	7.47	162	459390	51.51	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	487439	49.43	ng	99
31) Naphthalene	7.68	128	1549522	48.42	ng	99
32) Benzoic acid	7.41	122	7486m	3.98	ng	
33) 4-Chloroaniline	7.80	127	184335	14.72	ng	93
34) Hexachlorobutadiene	7.88	225	277845	47.68	ng	98
35) Caprolactam	8.41	113	138832	48.94	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	489882	48.81	ng	99
37) 2-Methylnaphthalene	8.77	142	985456	49.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	436527	49.36	ng	# 100
40) Hexachlorocyclopentadiene	9.02	237	32948	18.64	ng	95

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	290358	52.30	nq	99
43) 2,4,5-Trichlorophenol	9.34	196	302118	52.83	nq	96
45) 1,1'-Biphenyl	9.54	154	1130882	47.32	nq	99
46) 2-Chloronaphthalene	9.55	162	900552	50.01	nq	96
47) 2-Nitroaniline	9.76	65	344425	53.69	nq	97
48) Acenaphthylene	10.20	152	1383243	46.91	nq	100
49) Dimethylphthalate	10.09	163	1524954	72.04	nq	99
50) 2,6-Dinitrotoluene	10.17	165	223396	50.12	nq	96
51) Acenaphthene	10.49	154	809790	47.72	nq	99
52) 3-Nitroaniline	10.43	138	180667	37.60	nq	91
53) 2,4-Dinitrophenol	10.64	184	18694	14.95	nq	91
54) Dibenzofuran	10.77	168	1243523	52.90	nq	99
55) 4-Nitrophenol	10.82	139	233734	86.36	nq	90
56) 2,4-Dinitrotoluene	10.82	165	272181	46.76	nq	# 93
57) Fluorene	11.32	166	965897	47.23	nq	97
58) 2,3,4,6-Tetrachlorophenol	11.00	232	208520	48.75	nq	# 100
59) Diethylphthalate	11.23	149	1024081	50.28	nq	99
60) 4-Chlorophenyl-phenylether	11.36	204	465068	47.45	nq	91
61) 4-Nitroaniline	11.44	138	194747	44.73	nq	94
62) Azobenzene	11.61	77	1198845	55.16	nq	98
64) 4,6-Dinitro-2-methylphenol	11.49	198	35776	14.78	nq	# 78
65) n-Nitrosodiphenylamine	11.56	169	803842	55.78	nq	98
66) 4-Bromophenyl-phenylether	12.13	248	251011	52.77	nq	95
67) Hexachlorobenzene	12.21	284	269149	52.93	nq	# 89
68) Atrazine	12.48	200	227896	52.29	nq	99
69) Pentachlorophenol	12.57	266	206268	88.73	nq	98
70) Phenanthrene	12.87	178	1205198	47.56	nq	100
71) Anthracene	12.95	178	1227343	47.50	nq	99
72) Carbazole	13.24	167	1052139	47.42	nq	98
73) Di-n-butylphthalate	13.88	149	1454919	54.44	nq	100
74) Fluoranthene	14.79	202	1081662	43.07	nq	98
76) Benzidine	15.06	184	378562	31.80	nq	97
77) Pyrene	15.14	202	1119544	45.41	nq	99
79) Butylbenzylphthalate	16.28	149	510679	52.68	nq	88
80) Benzo(a)anthracene	17.01	228	959918	49.79	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	286313	46.43	nq	99
82) Chrysene	17.06	228	880497	45.84	nq	99
83) Bis(2-ethylhexyl)phthalate	17.14	149	721425	56.71	nq	98
84) Di-n-octyl phthalate	17.91	149	1135842	62.61	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.91	276	657426	39.93	nq	# 100
87) Benzo(b)fluoranthene	18.27	252	926783m	64.18	nq	
88) Benzo(k)fluoranthene	18.31	252	618890m	41.84	nq	
89) Benzo(a)pyrene	18.60	252	708077	50.41	nq	# 96
90) Dibenzo(a,h)anthracene	19.91	278	578193	42.78	nq	99
91) Benzo(g,h,i)perylene	20.26	276	456215	33.50	nq	97

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

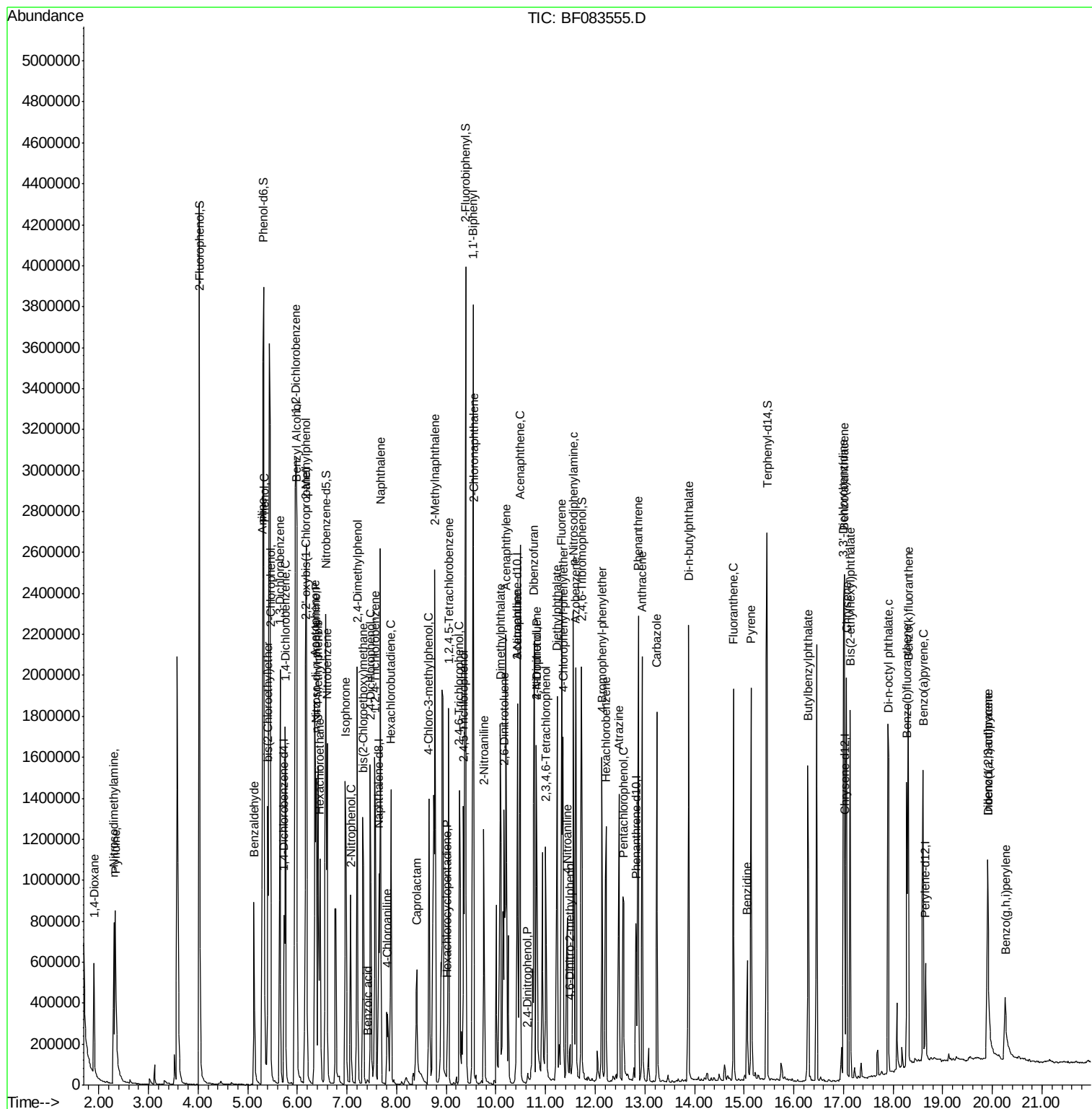
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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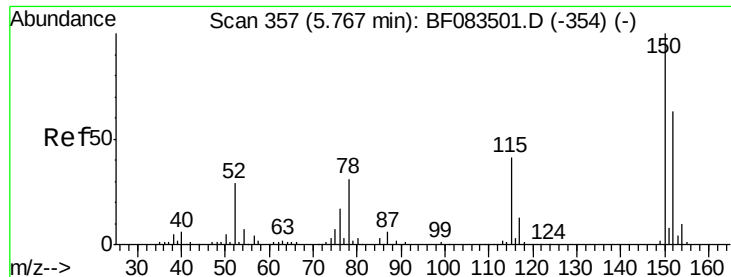
Instrument :
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#1

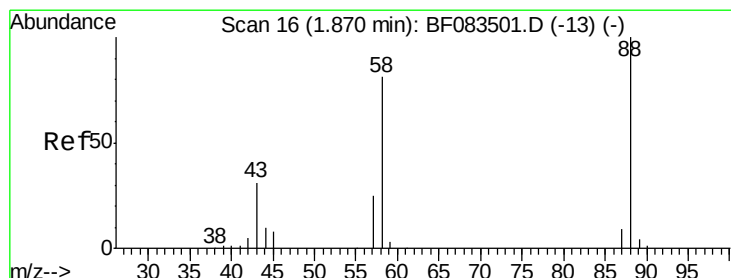
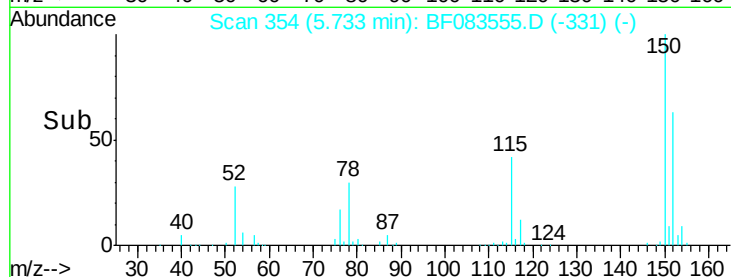
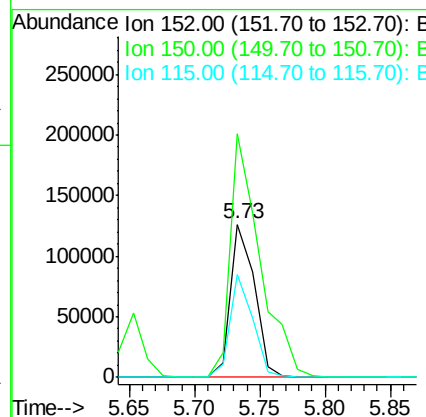
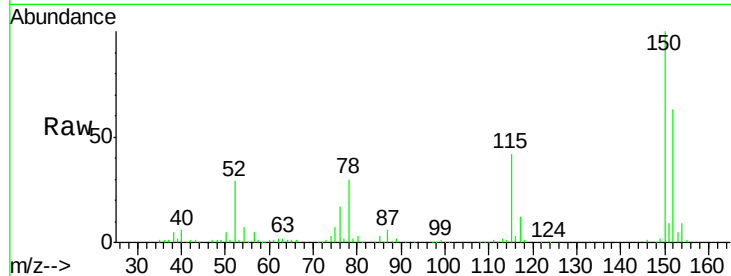
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.5	189.7
115	67.0	52.3	78.5

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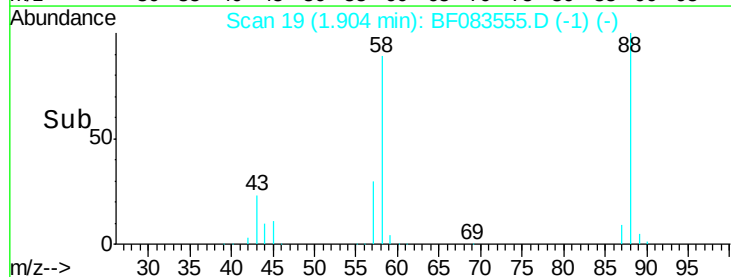
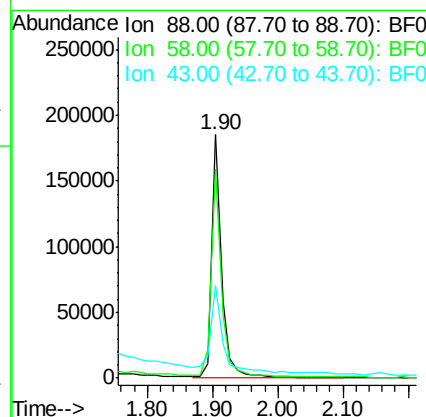
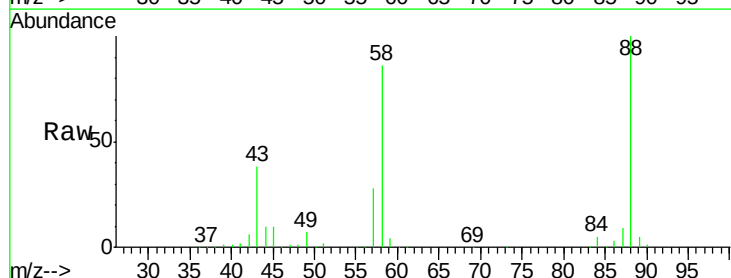
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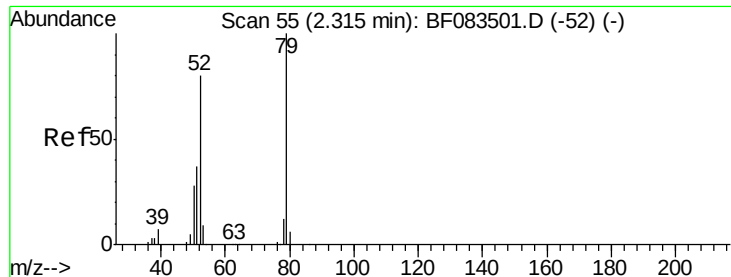


#2

1,4-Dioxane
Concen: 35.73 ng
RT: 1.90 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	68.0	102.0
43	41.9	27.9	41.9#





#3

Pvridine

Concen: 47.08 ng

RT: 2.34 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

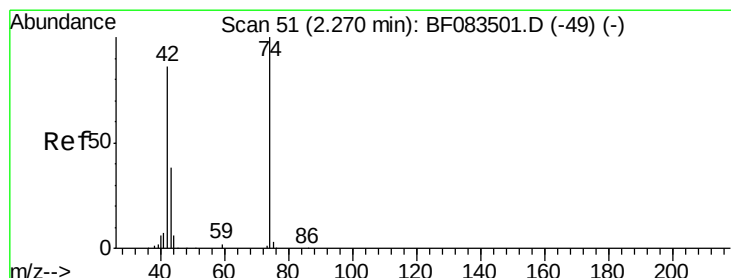
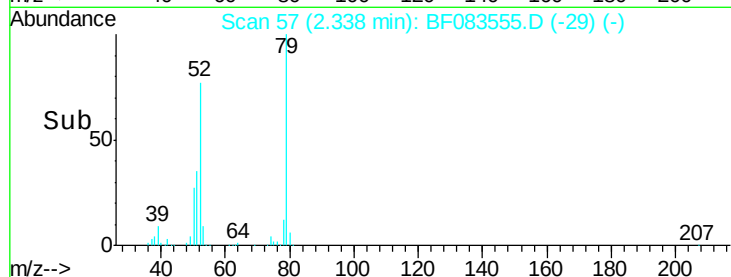
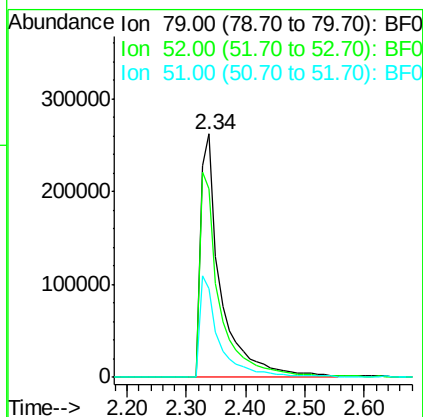
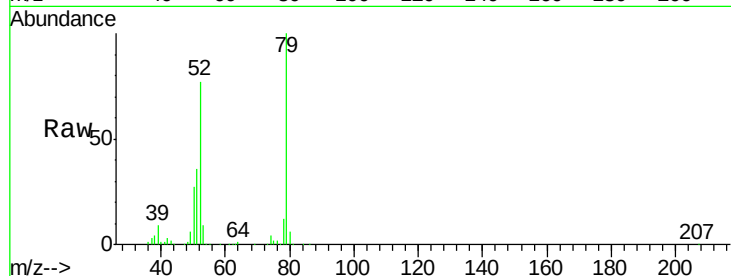
ClientSampleId :

K207-64-65MSD

Tot Ion:	79	Resp:	629135
Ion Ratio	Lower	Upper	
79	100		
52	77.3	63.7	95.5
51	36.3	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 51.22 ng

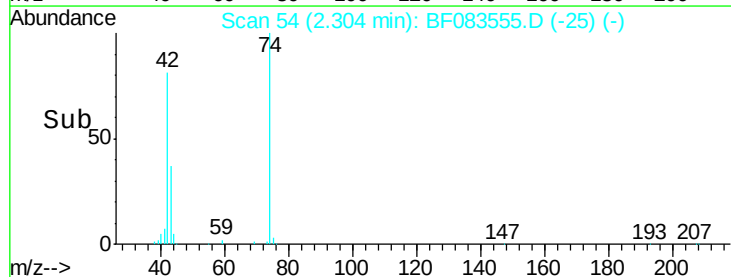
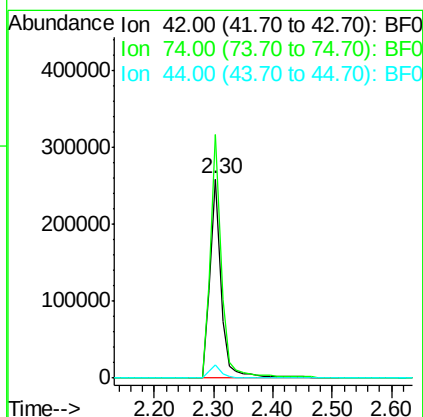
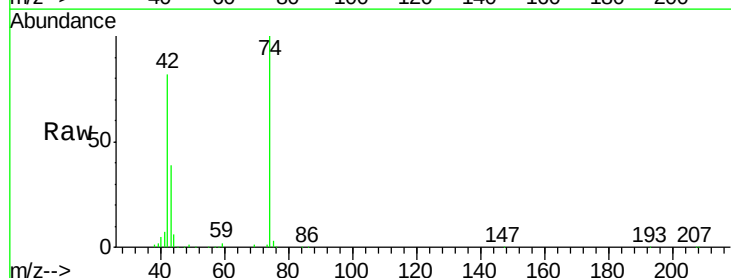
RT: 2.30 min Scan# 54

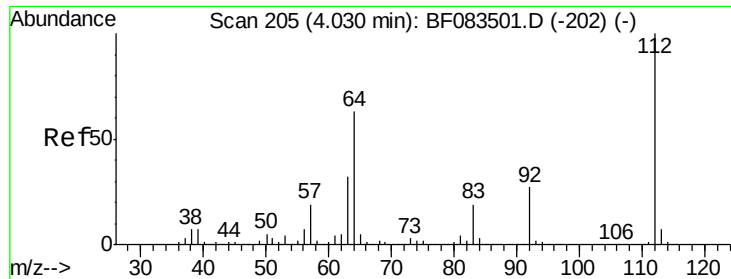
Delta R.T. 0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	42	Resp:	344811
Ion Ratio	Lower	Upper	
42	100		
74	122.5	92.9	139.3
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 152.67 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:112 Resp: 1630013

Ion Ratio Lower Upper

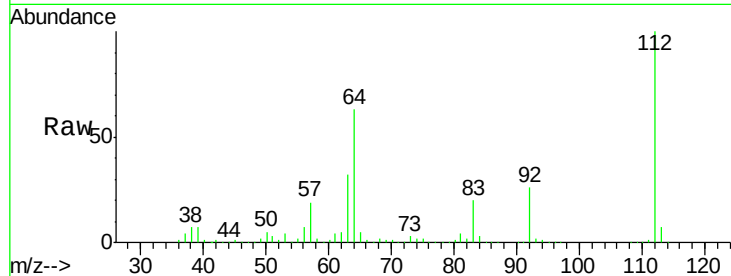
112 100

64 63.1 50.5 75.7

63 32.2 25.8 38.6

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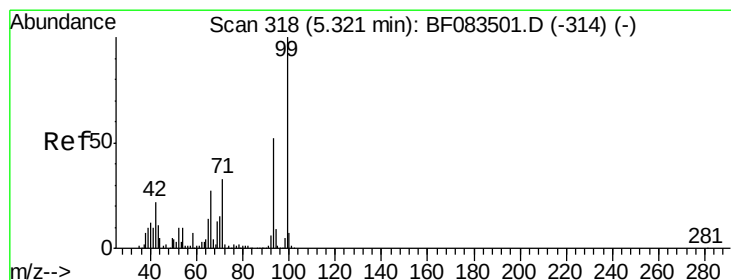
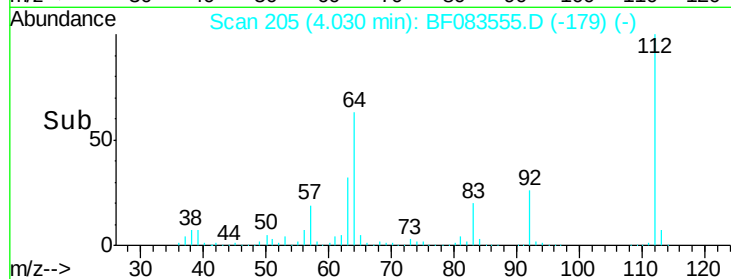
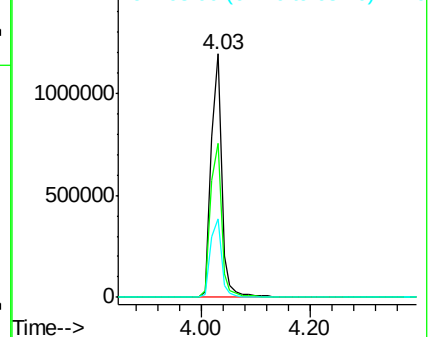
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.82 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

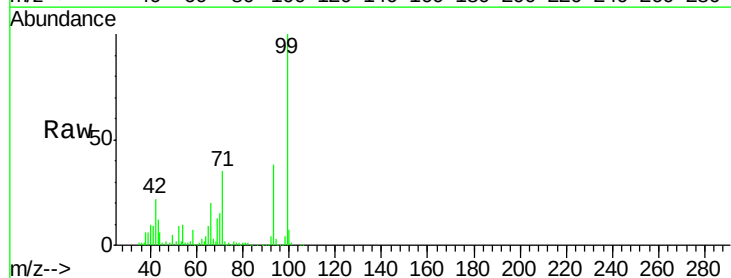
Tgt Ion: 93 Resp: 475176

Ion Ratio Lower Upper

93 100

66 53.9 41.3 61.9

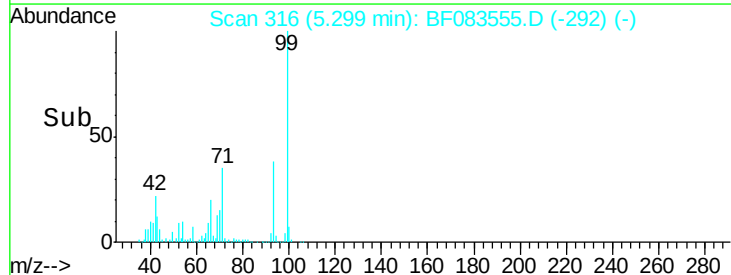
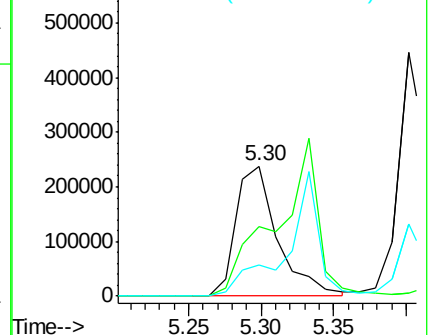
65 24.0 20.8 31.2

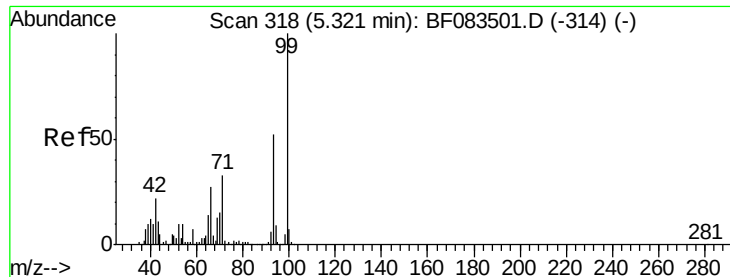


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.19 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion: 99 Resp: 2135880

Ion Ratio Lower Upper

99 100

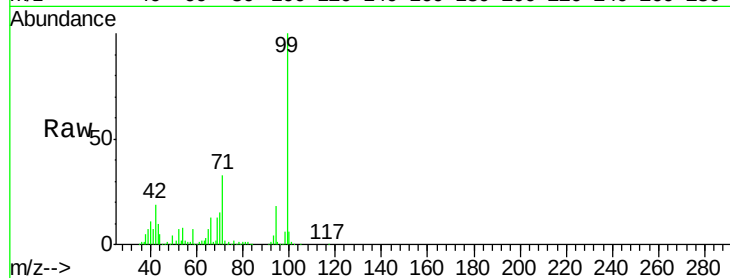
42 19.4 17.3 25.9

71 32.7 26.6 40.0

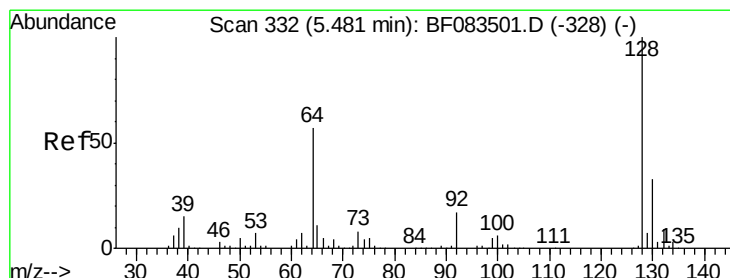
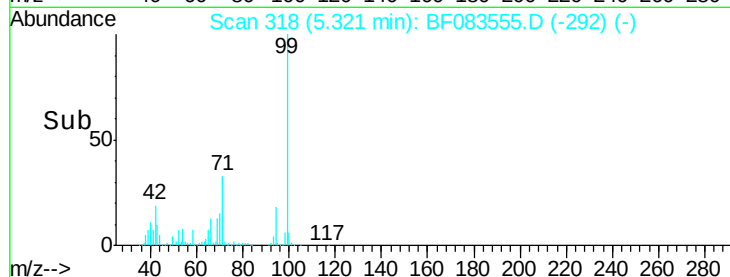
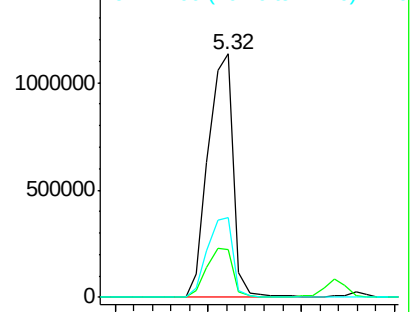
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.99 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

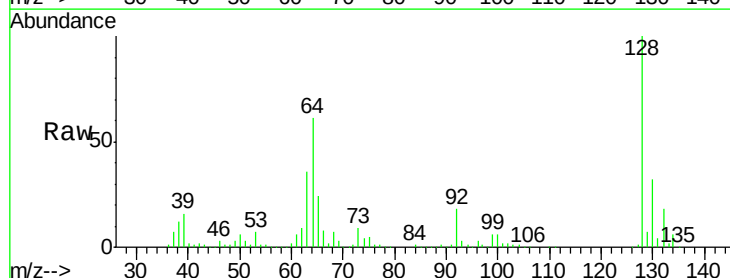
Tgt Ion:128 Resp: 557935

Ion Ratio Lower Upper

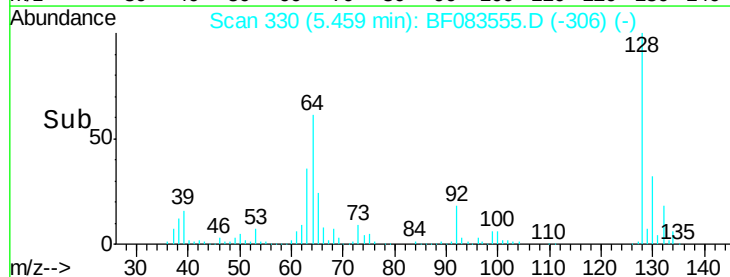
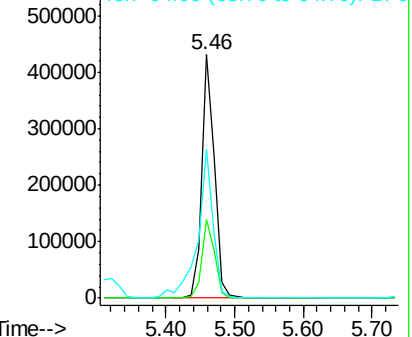
128 100

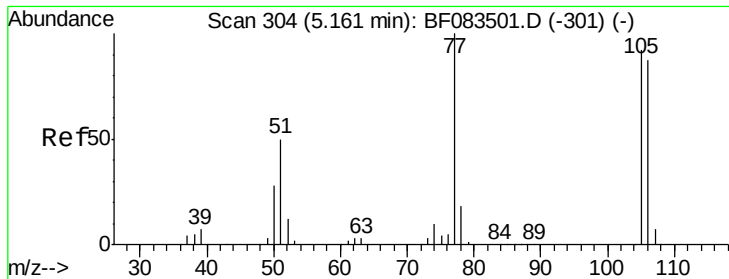
130 32.1 12.6 52.6

64 61.0 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.21 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

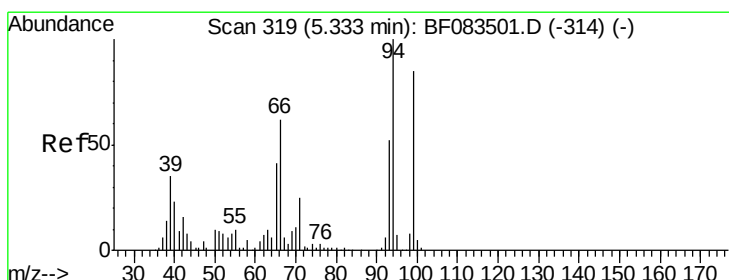
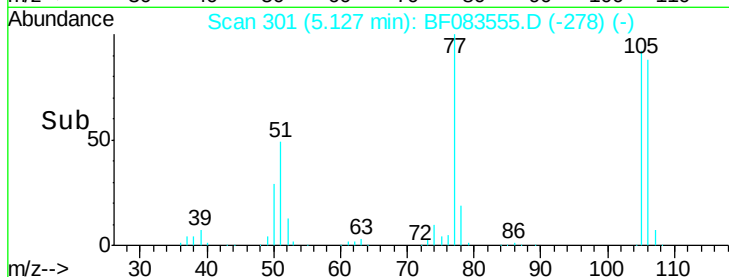
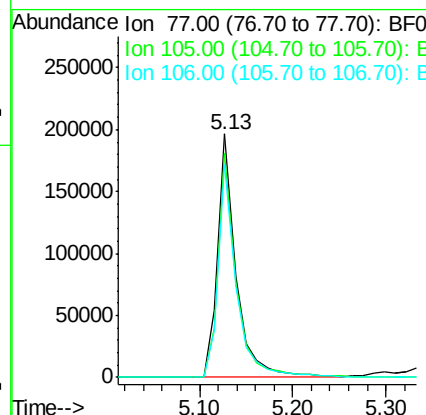
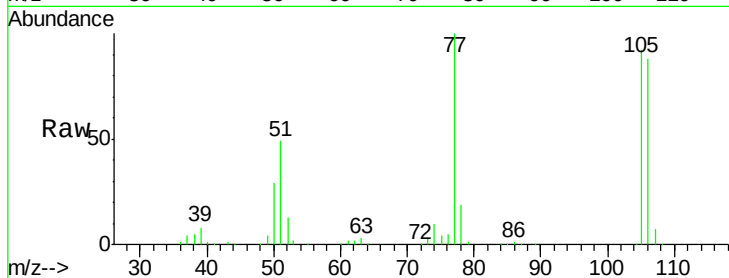
ClientSampled :

K207-64-65MSD

Tot Ion:	77	Resp:	271653
Ion Ratio	Lower	Upper	
77	100		
105	92.1	71.8	111.8
106	87.5	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 48.92 ng

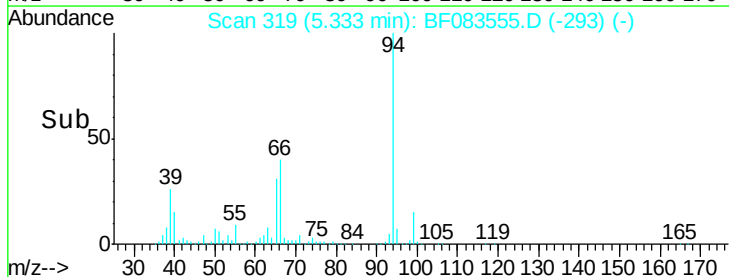
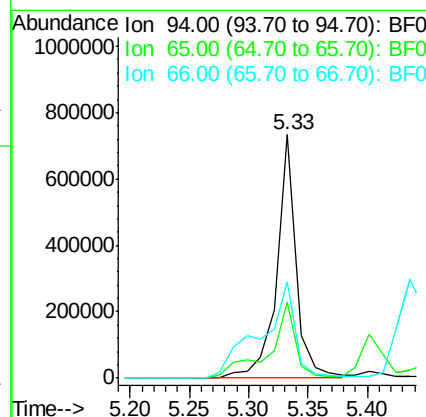
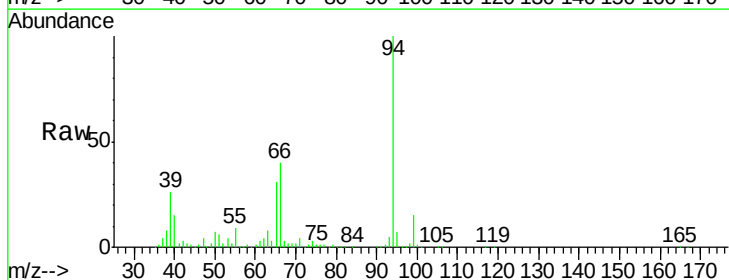
RT: 5.33 min Scan# 319

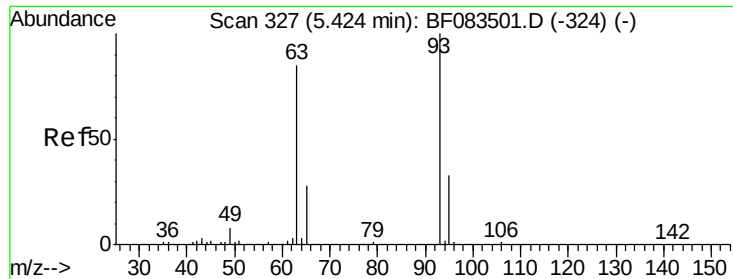
Delta R.T. -0.00 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	94	Resp:	841599
Ion Ratio	Lower	Upper	
94	100		
65	31.0	20.9	60.9
66	39.5	41.6	81.6#





#11

bis(2-Chloroethyl)ether

Concen: 47.35 ng

RT: 5.40 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

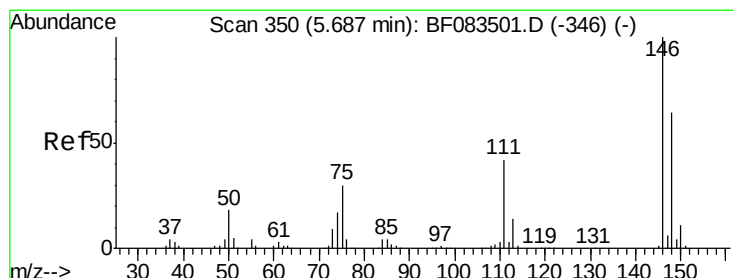
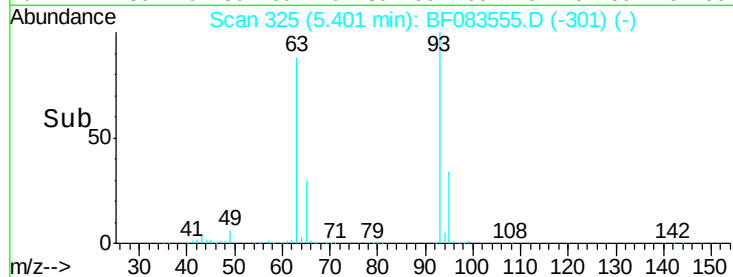
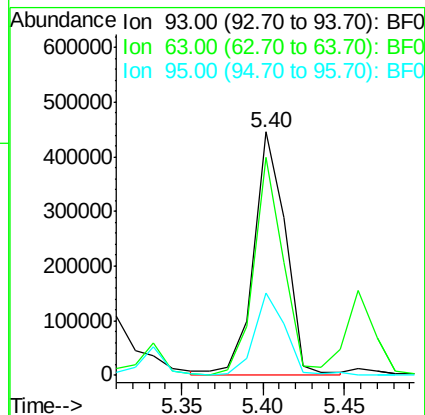
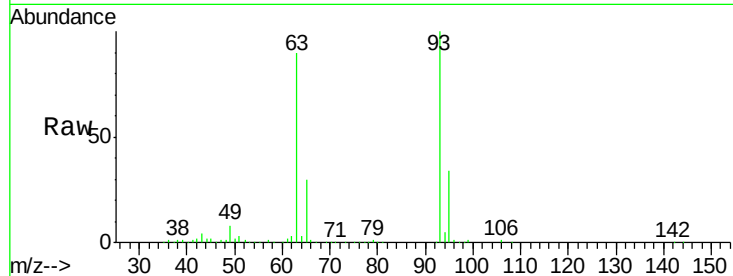
ClientSampleId :

K207-64-65MSD

Tot Ion:	93	Resp:	603668
Ion Ratio	Lower	Upper	
93	100		
63	89.5	64.7	104.7
95	33.9	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 45.69 ng

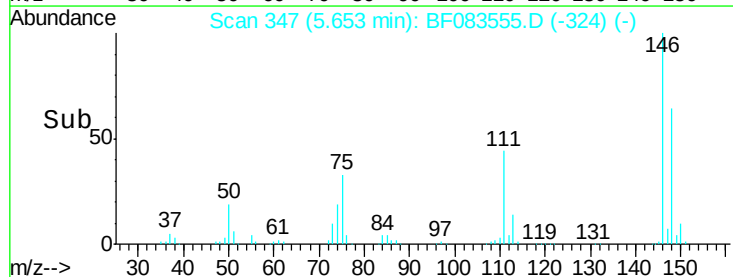
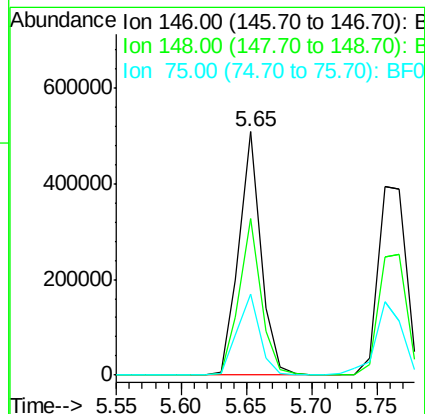
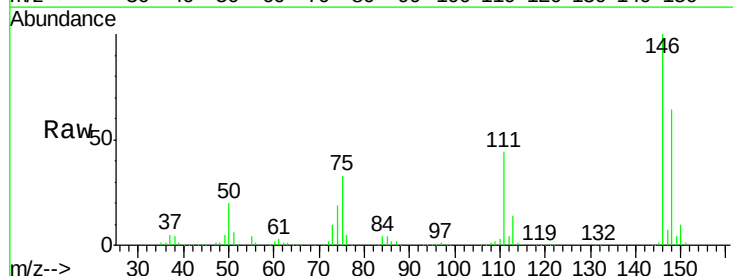
RT: 5.65 min Scan# 347

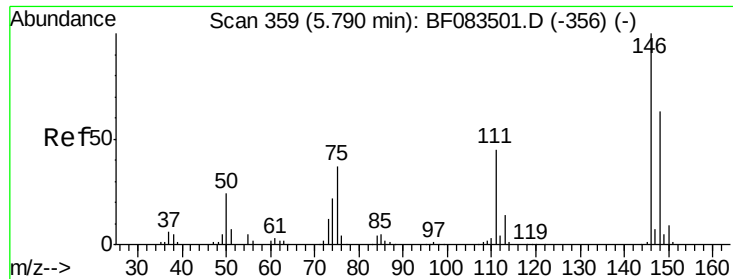
Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	146	Resp:	601639
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
75	33.2	24.1	36.1





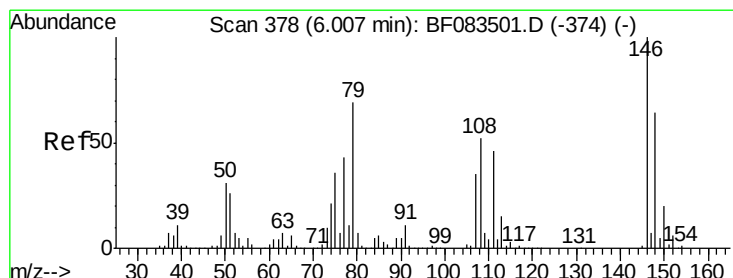
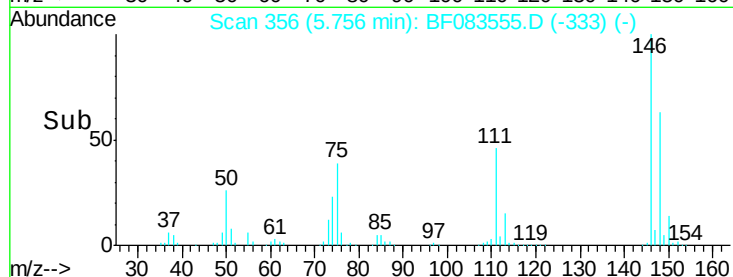
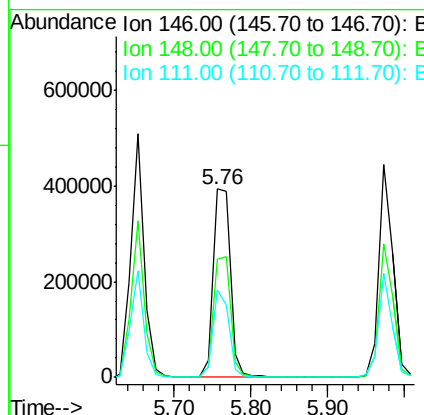
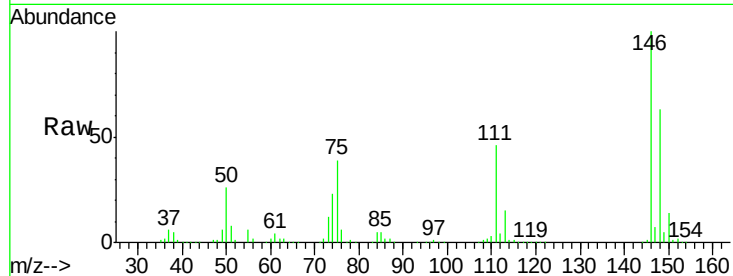
#13
 1,4-Dichlorobenzene
 Concen: 45.42 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	46.3	36.1	54.1

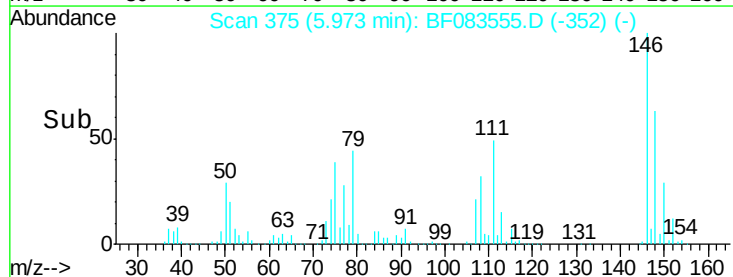
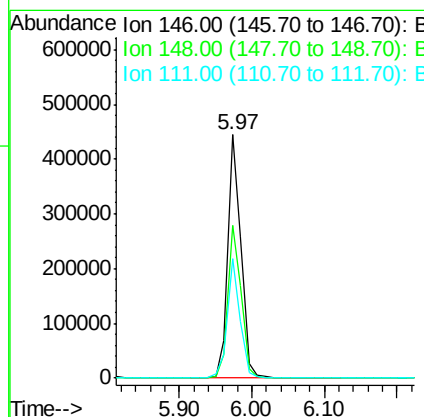
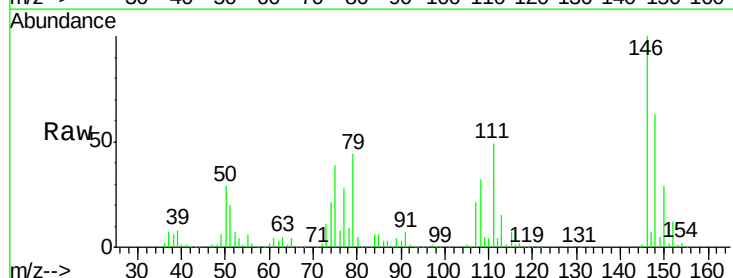
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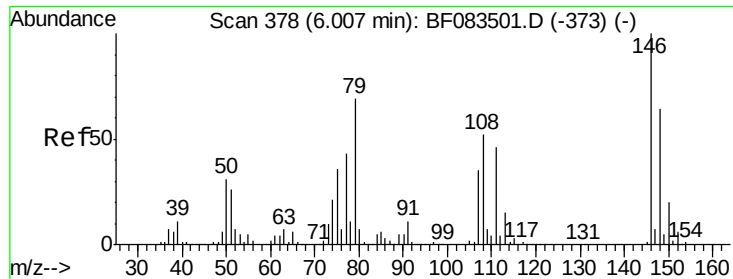
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#14
 1,2-Dichlorobenzene
 Concen: 45.21 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	48.9	36.7	55.1





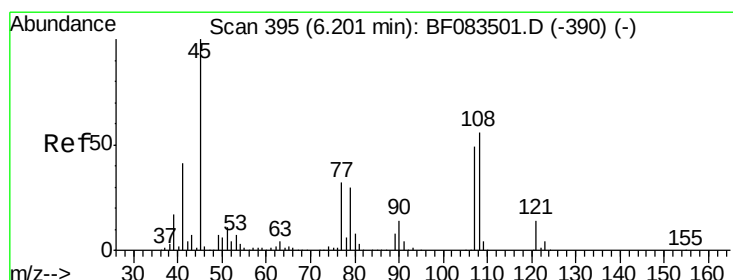
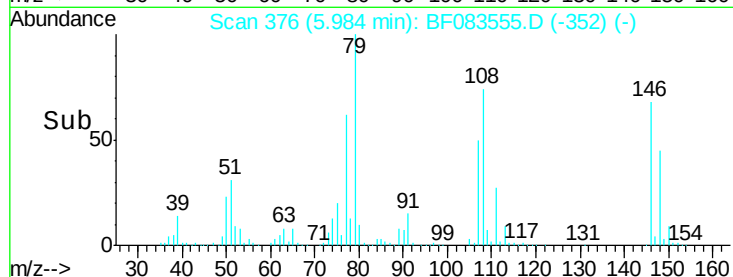
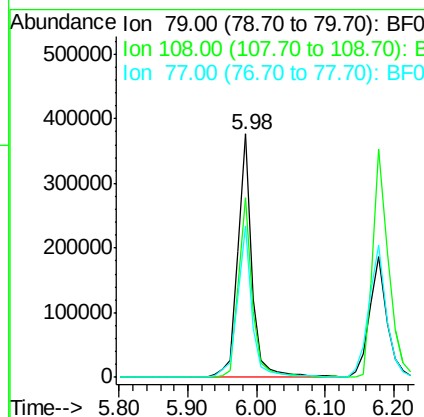
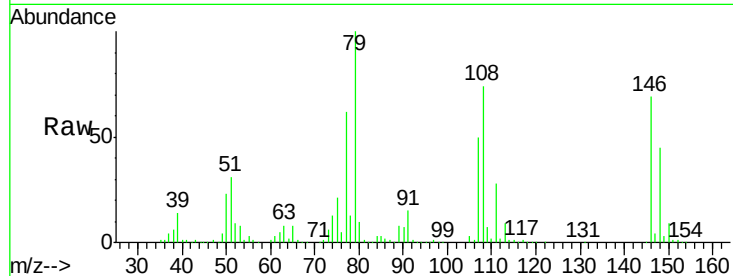
#15
Benzyl Alcohol
Concen: 54.60 ng
RT: 5.98 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.7	59.6	89.4
77	62.4	49.8	74.6

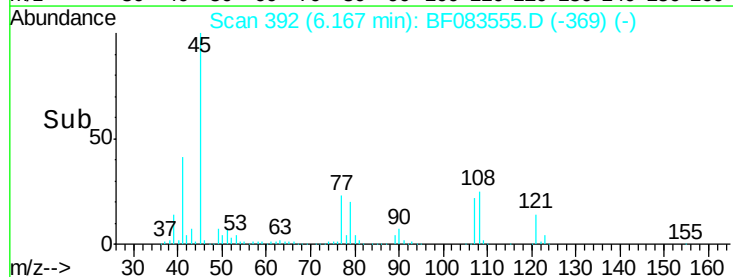
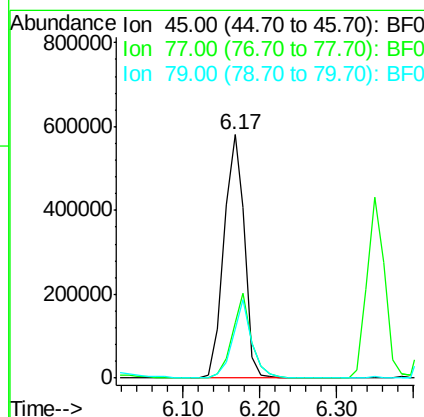
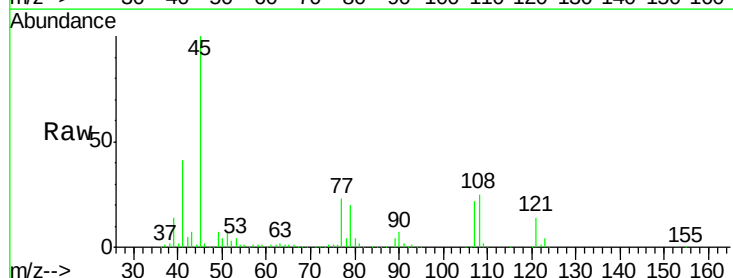
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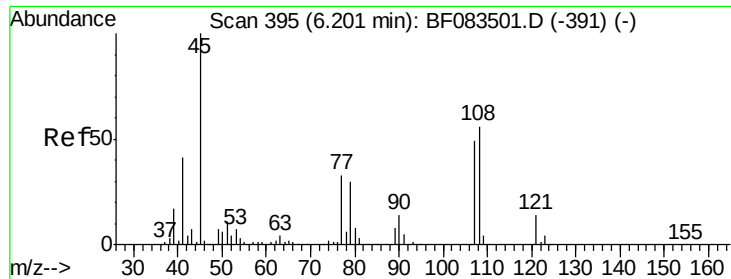
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.13 ng
RT: 6.17 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.9	12.8	52.8
79	20.0	10.7	50.7





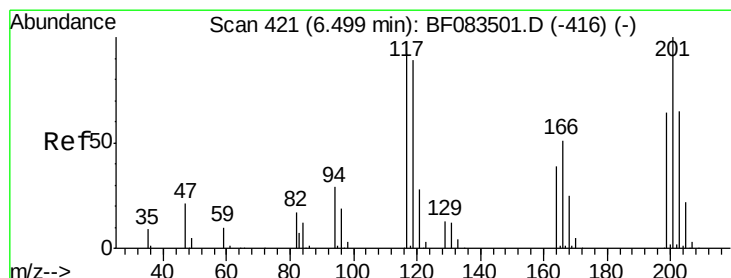
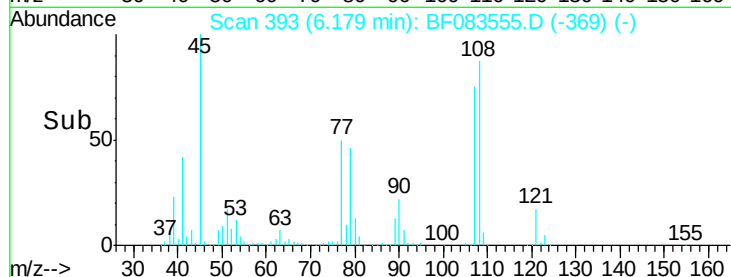
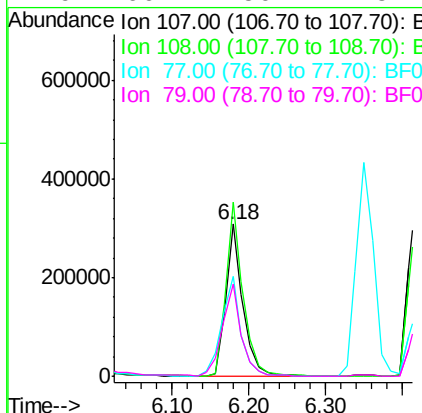
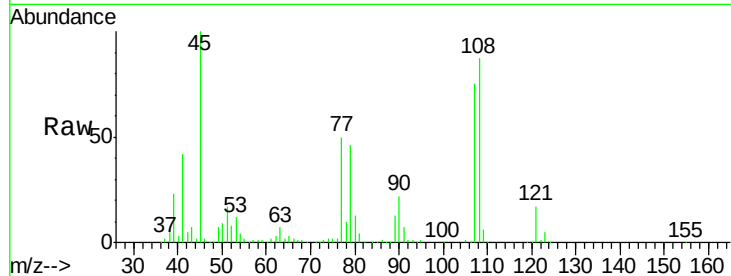
#17
2-Methylphenol
Concen: 49.04 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	480557		
108	114.8	91.6	137.4	
77	66.1	53.7	80.5	
79	60.7	50.2	75.4	

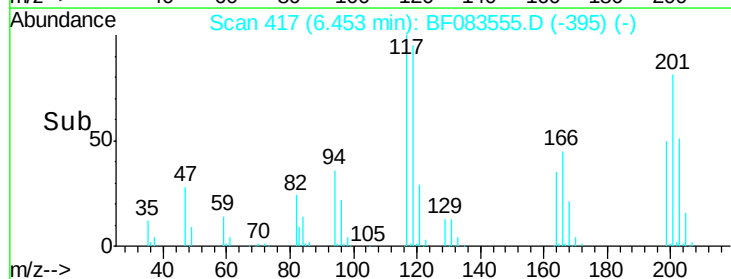
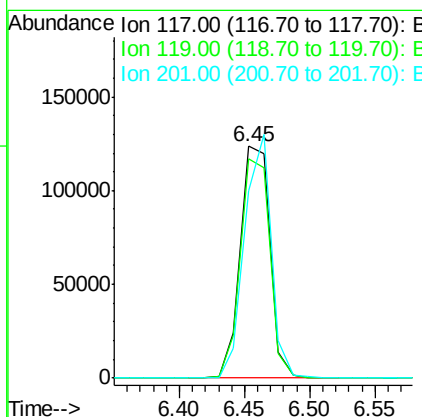
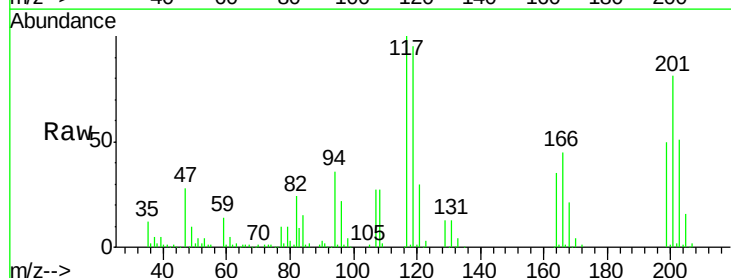
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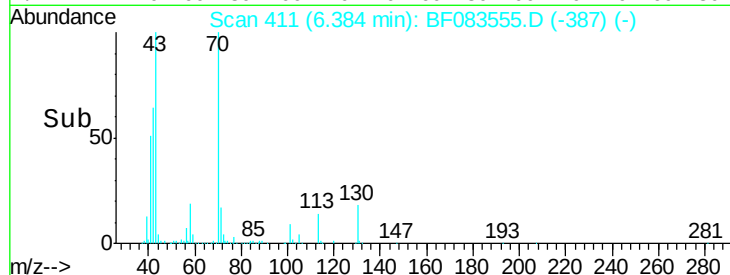
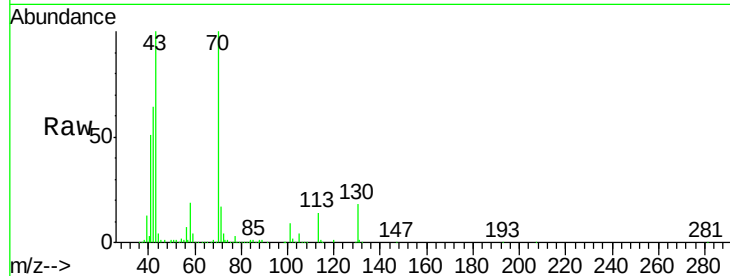
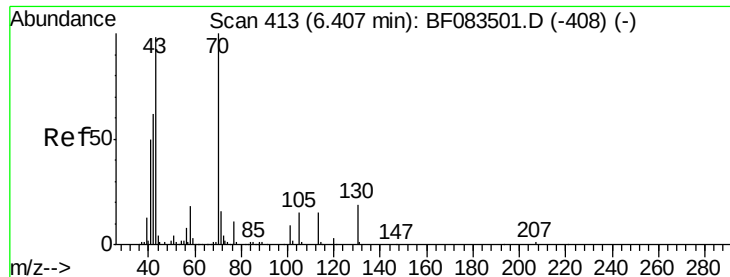
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#18
Hexachloroethane
Concen: 41.56 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	195051		
119	94.6	77.2	115.8	
201	80.8	86.8	130.2#	





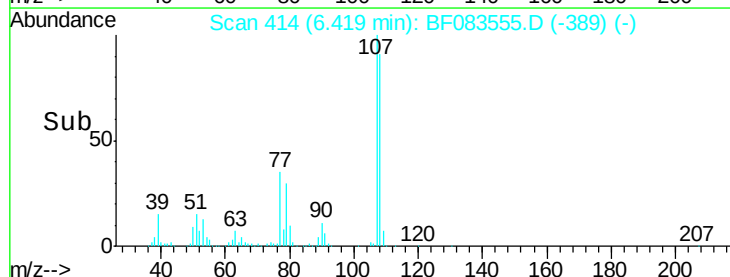
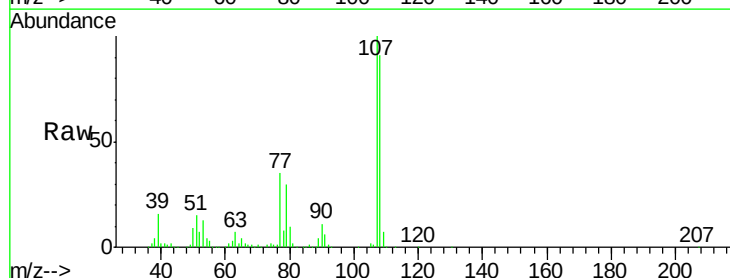
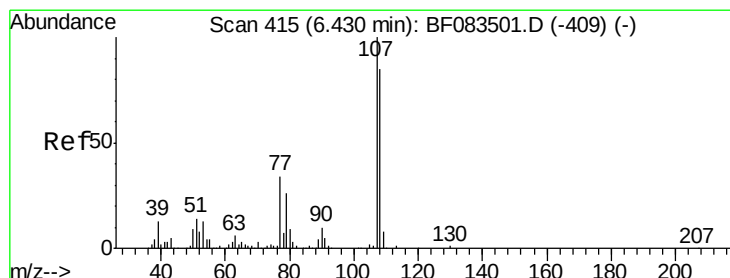
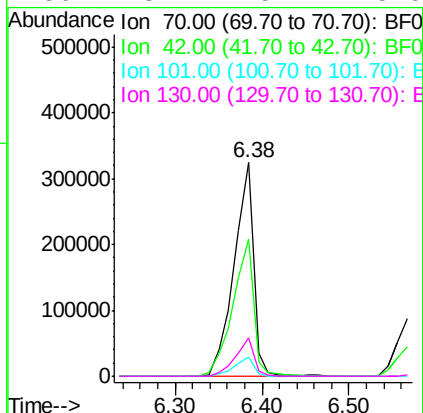
#19
n-Nitroso-di-n-propylamine
Concen: 51.47 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Manual Integrations
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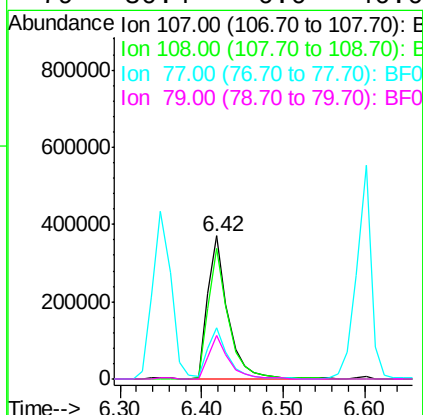
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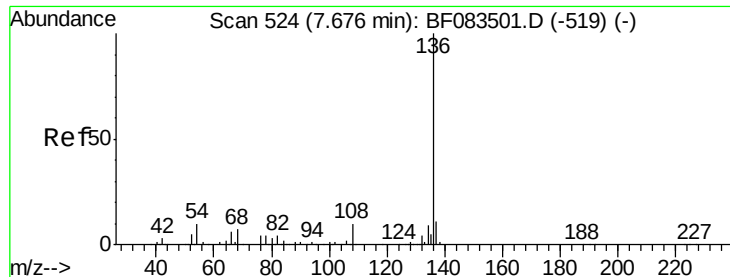
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.3	49.2	73.8	
101	8.7	7.1	10.7	
130	18.1	15.4	23.0	



#20
3+4-Methylphenols
Concen: 50.73 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	65.2	105.2	
77	35.4	15.2	55.2	
79	30.4	6.0	46.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

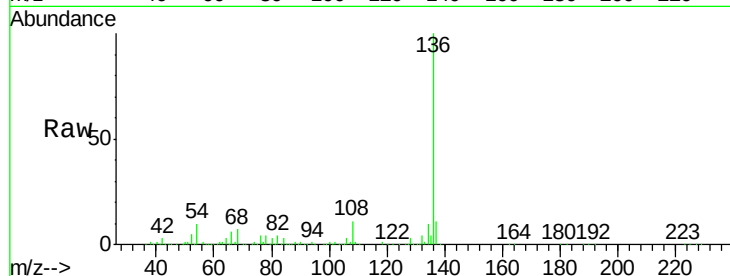
ClientSampleId :

K207-64-65MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		601267		
137	11.3		8.7	13.1	
54	10.1		7.8	11.6	
68	7.0		5.7	8.5	

Manual Integrations
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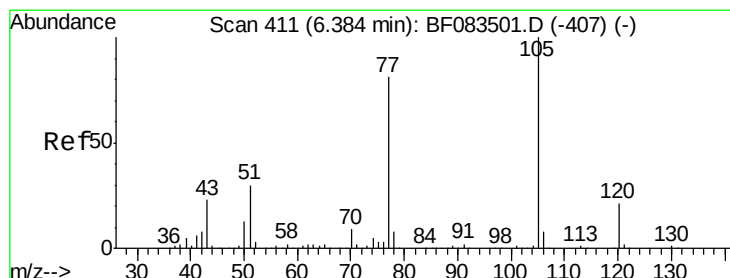
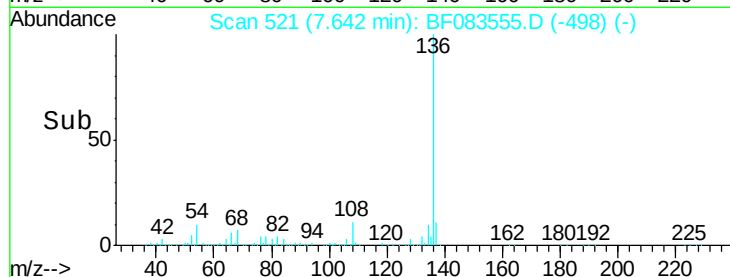
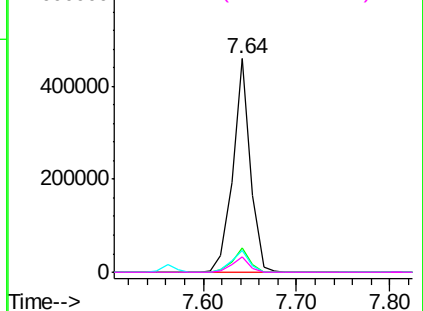


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.24 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

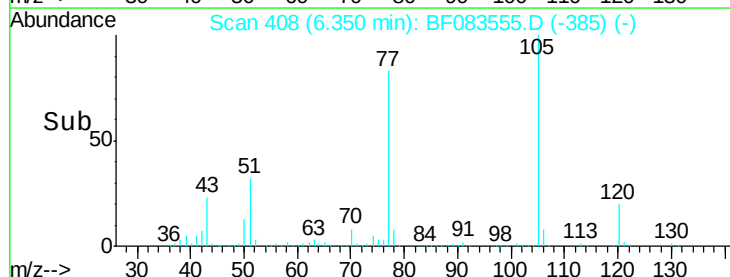
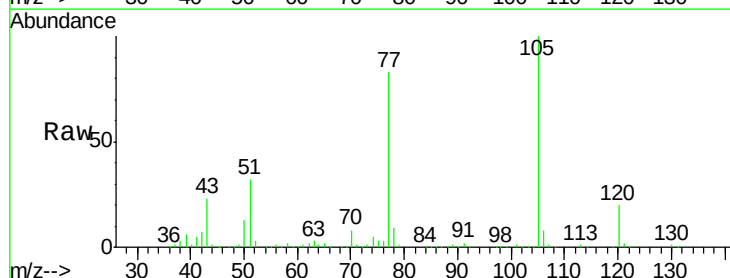
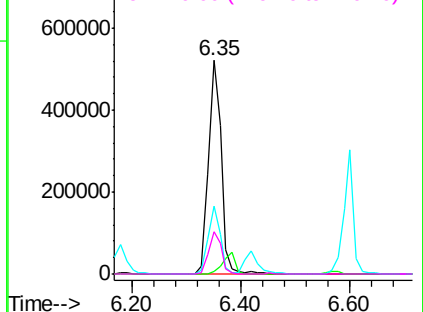
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		852769		
71	1.4		1.3	1.9	
51	31.8		23.8	35.8	
120	19.7		16.7	25.1	

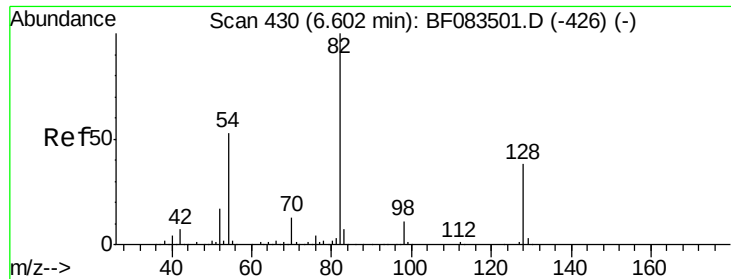
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





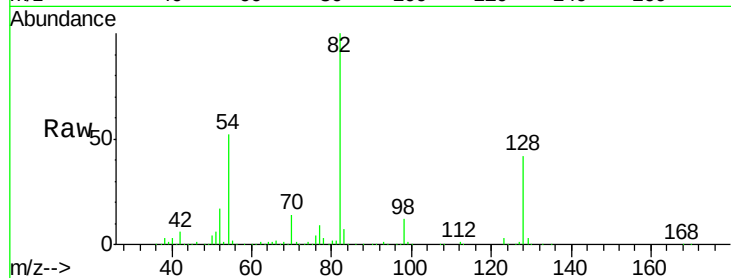
#23
 Nitrobenzene-d5
 Concen: 106.17 ng
 RT: 6.58 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

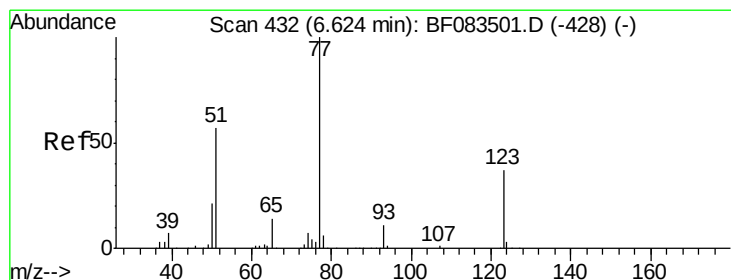
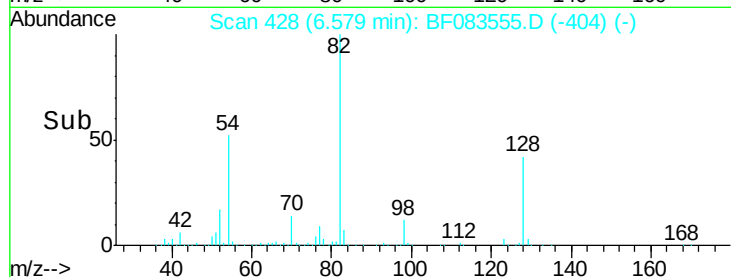
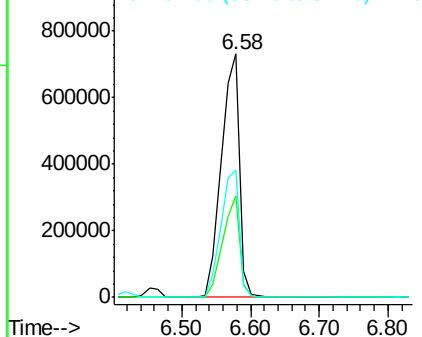
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.7	46.1
54	52.0	42.5	63.7

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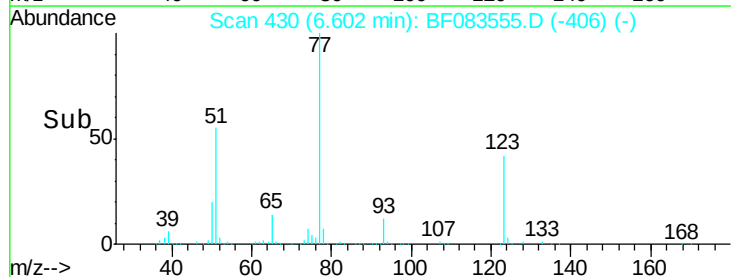
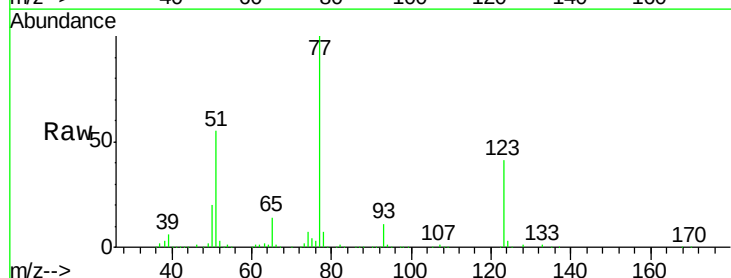
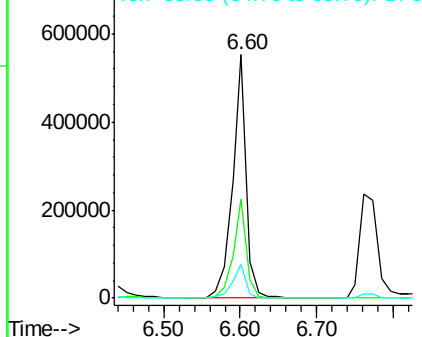
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

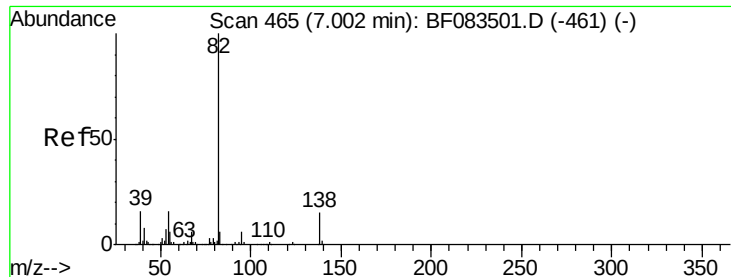


#24
 Nitrobenzene
 Concen: 48.82 ng
 RT: 6.60 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	29.8	44.6
65	13.9	11.1	16.7

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.35 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion: 82 Resp: 1243646

Ion Ratio Lower Upper

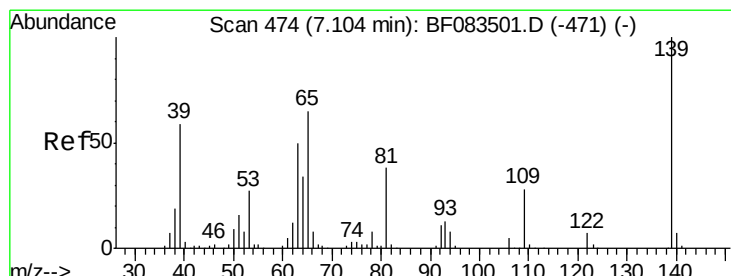
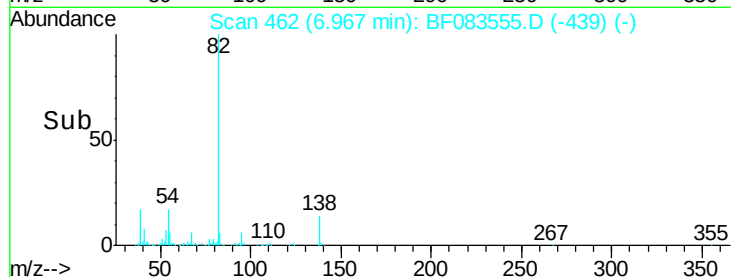
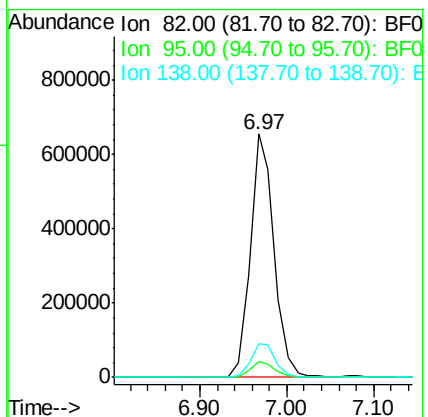
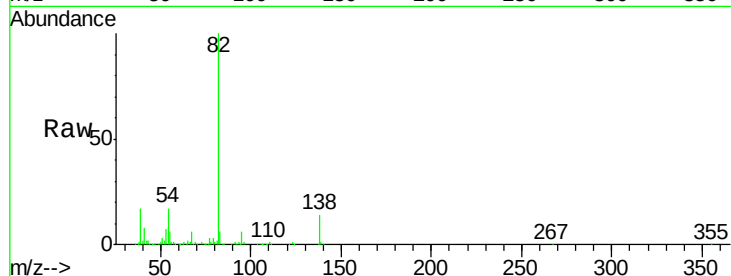
82 100

95 6.4 5.0 7.4

138 13.6 12.1 18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.23 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

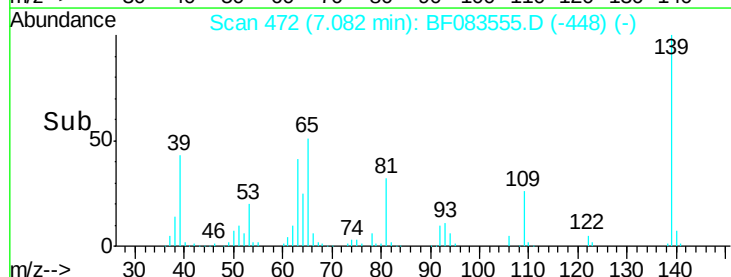
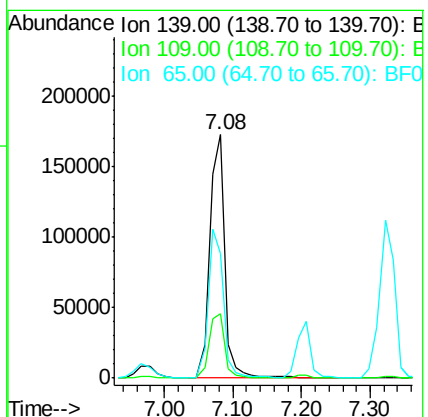
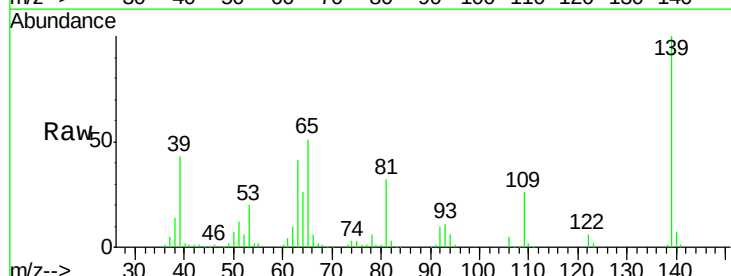
Tgt Ion: 139 Resp: 264030

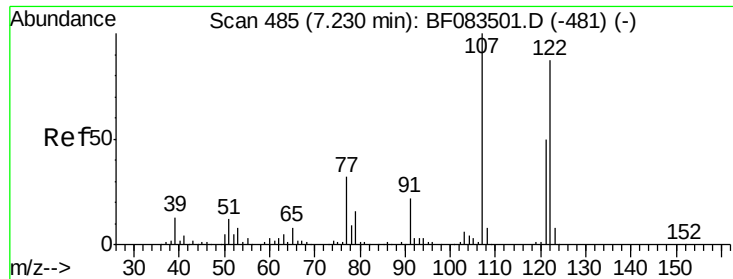
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 51.0 51.8 77.8#





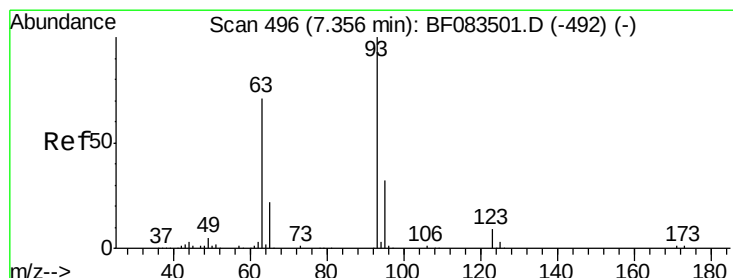
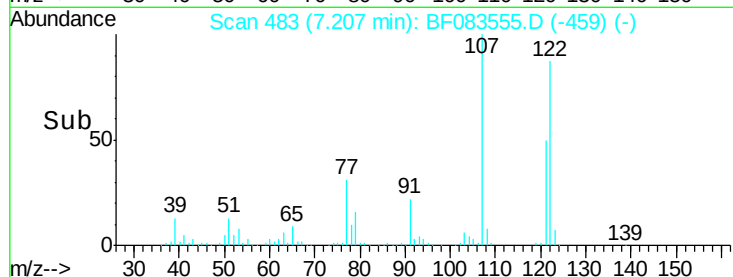
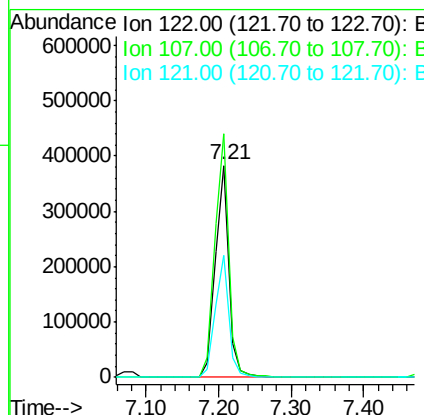
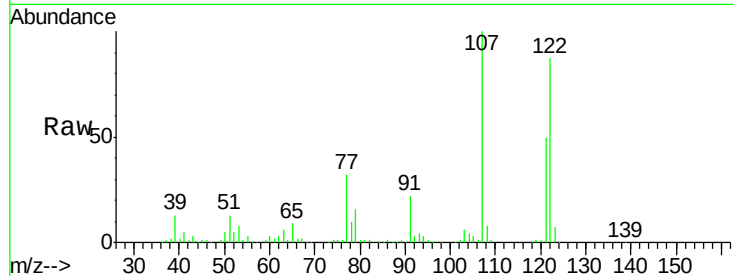
#27
 2,4-Dimethylphenol
 Concen: 50.25 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	496382		
107	114.9	92.4	138.6	
121	57.3	45.8	68.6	

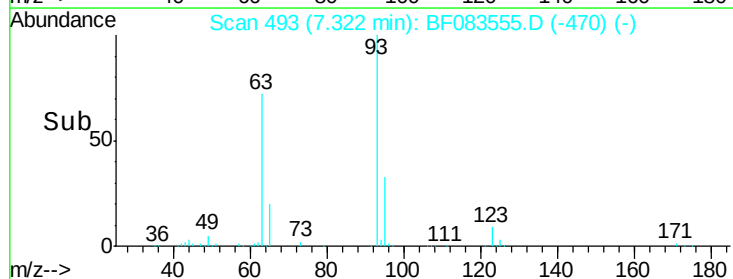
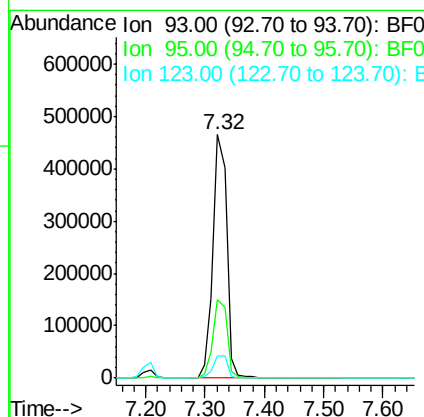
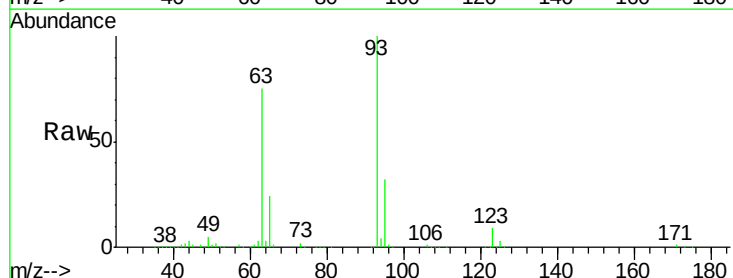
Manual Integrations
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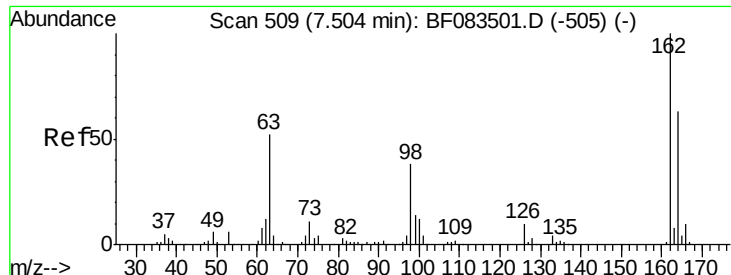
Mmdadoda
 12/7/2015 6:33:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.98 ng
 RT: 7.32 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	756836		
95	32.3	25.6	38.4	
123	8.9	7.3	10.9	





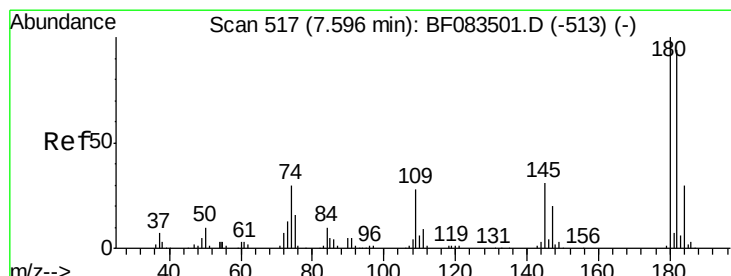
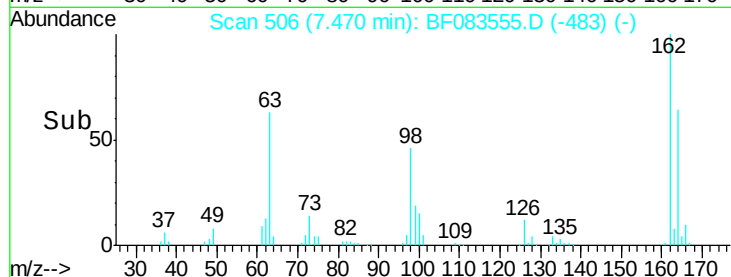
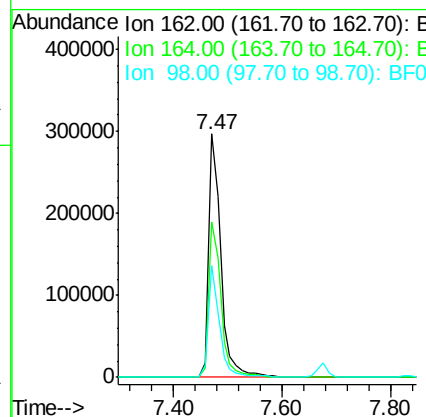
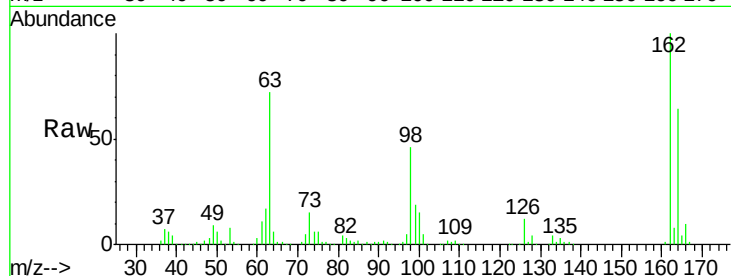
#29
2,4-Dichlorophenol
Concen: 51.51 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion:	162	Resp:	459390
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.4	83.4
98	45.7	17.5	57.5

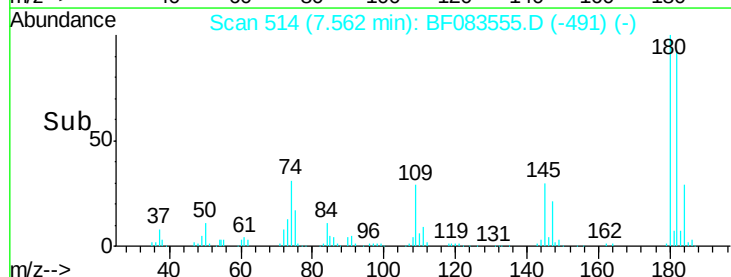
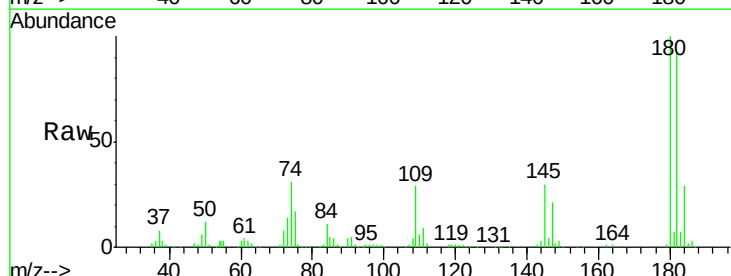
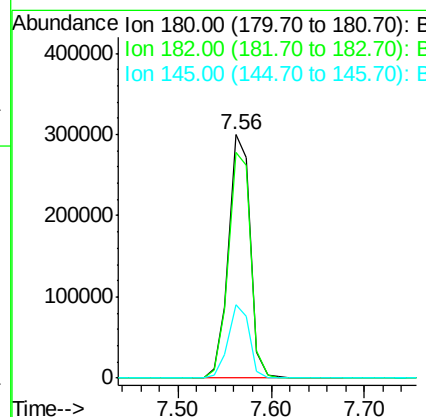
Manual Integrations
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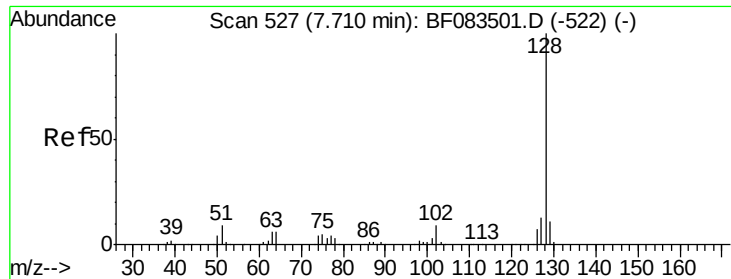
Mmdadoda
12/7/2015 6:33:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.43 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:	180	Resp:	487439
Ion Ratio	Lower	Upper	
180	100		
182	92.5	74.9	112.3
145	30.4	24.7	37.1





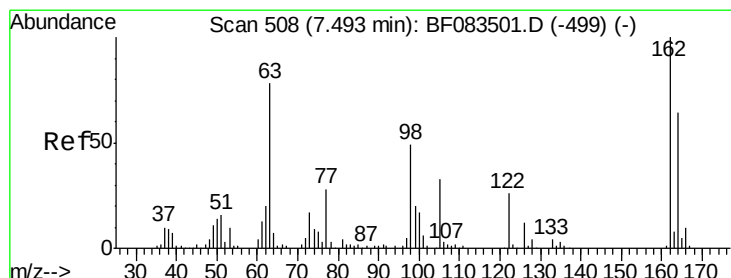
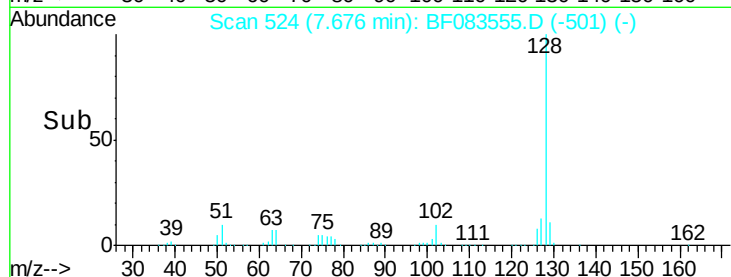
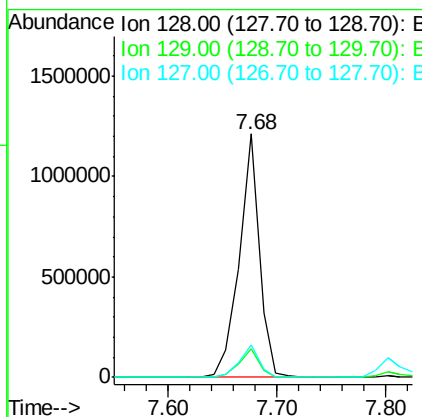
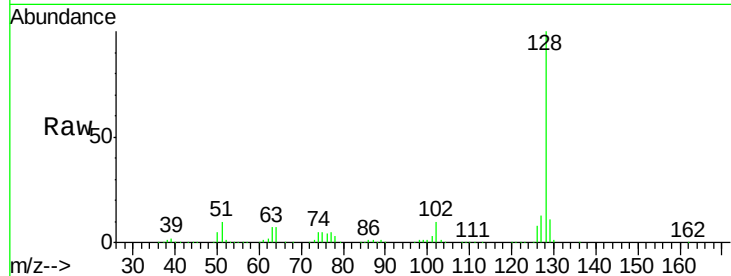
#31
Naphthalene
Concen: 48.42 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.4	10.6	16.0

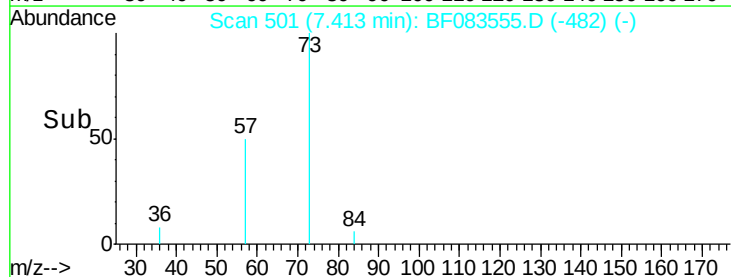
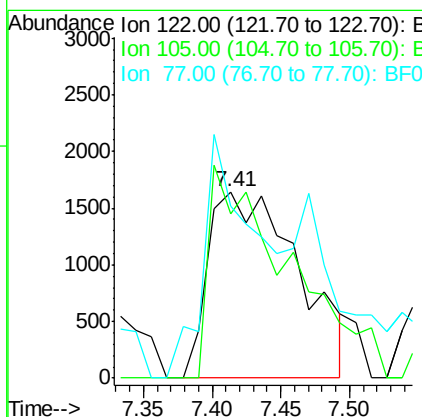
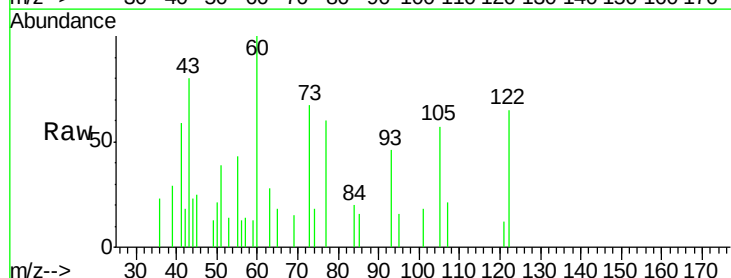
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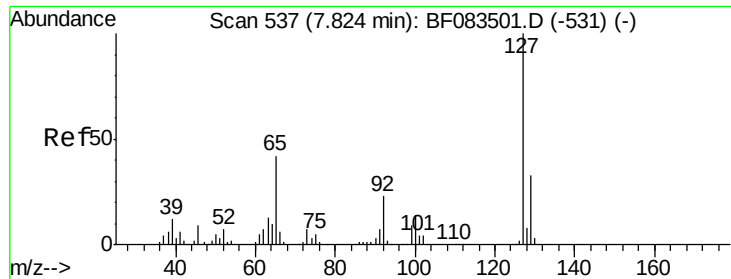
Mmdadoda
12/7/2015 6:33:47 PM



#32
Benzoic acid
Concen: 3.98 ng m
RT: 7.41 min Scan# 501
Delta R.T. -0.08 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	88.3	105.6	145.6#
77	92.4	86.8	126.8





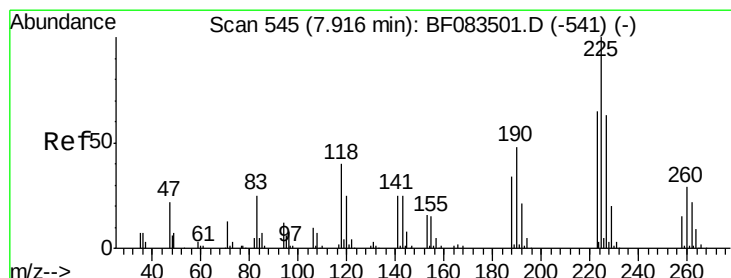
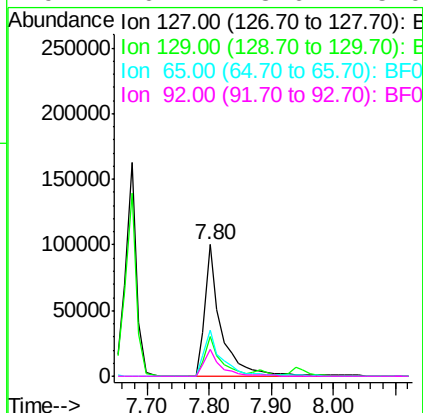
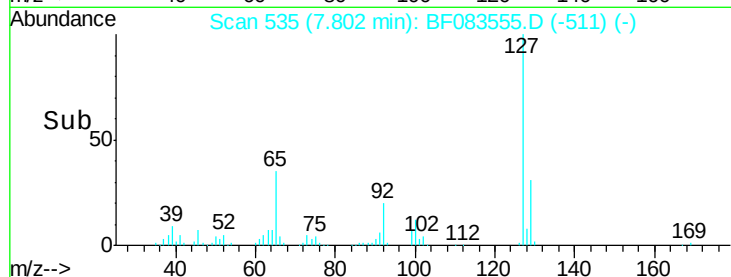
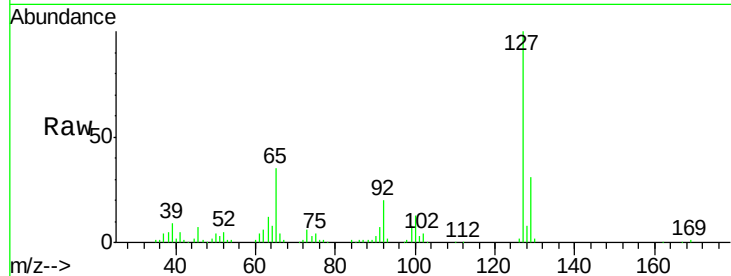
#33
4-Chloroaniline
Concen: 14.72 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	26.1	39.1	
65	35.2	33.5	50.3	
92	20.2	18.6	28.0	

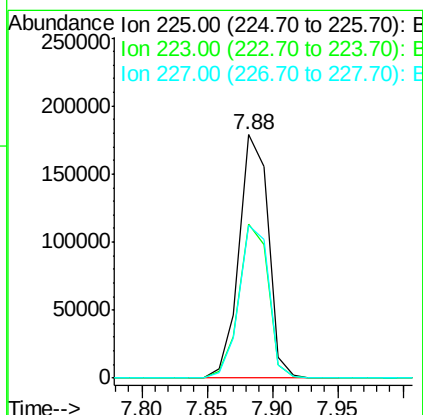
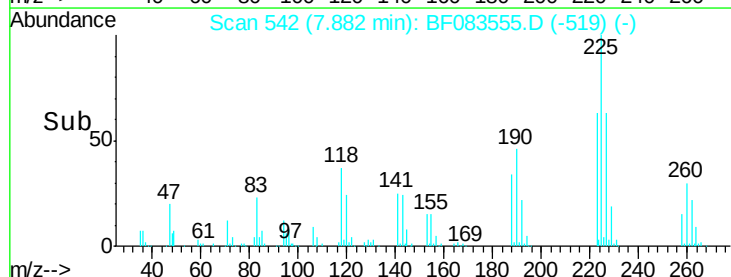
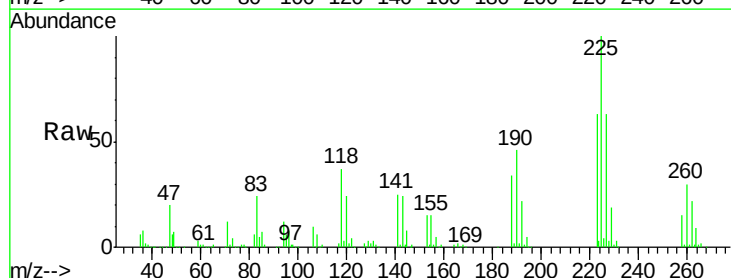
Manual Integrations
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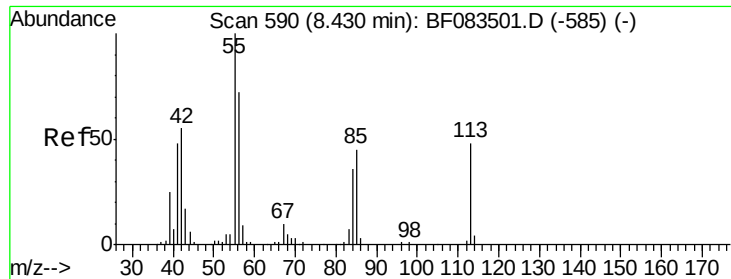
Mmdadoda
12/7/2015 6:33:47 PM



#34
Hexachlorobutadiene
Concen: 47.68 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	52.3	78.5	
227	62.7	50.4	75.6	





#35

Caprolactam

Concen: 48.94 ng

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

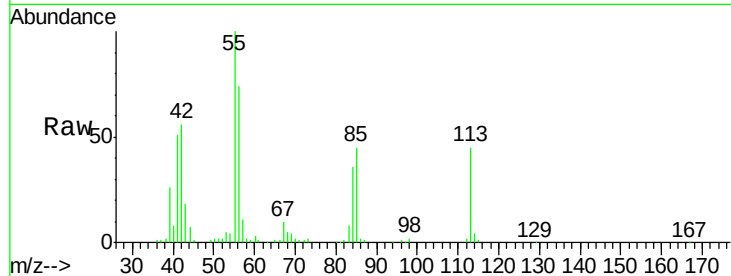
ClientSampleId :

K207-64-65MSD

Tot Ion:	113	Resp:	138832
Ion Ratio	Lower	Upper	
113	100		
55	221.0	189.7	229.7
56	163.5	130.7	170.7

Manual Integrations
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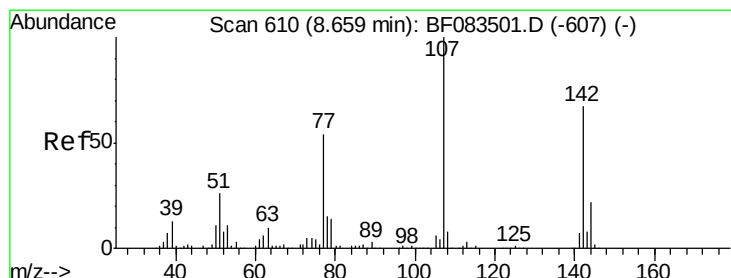
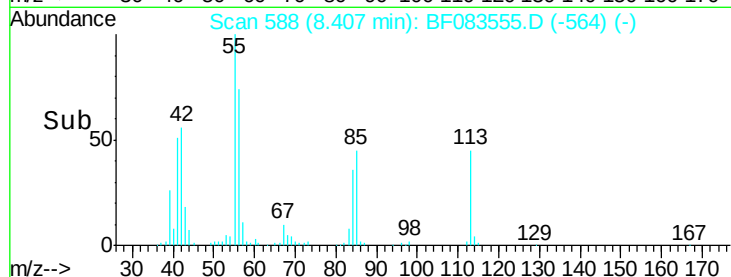
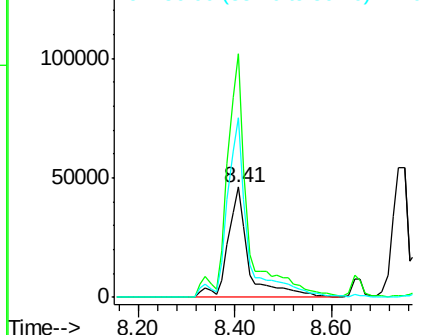
Mmdadoda
12/7/2015 6:33:47 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.81 ng

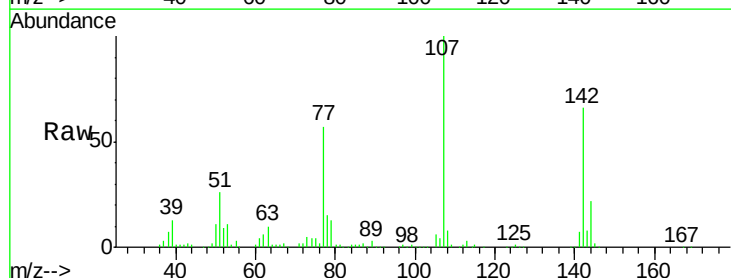
RT: 8.65 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

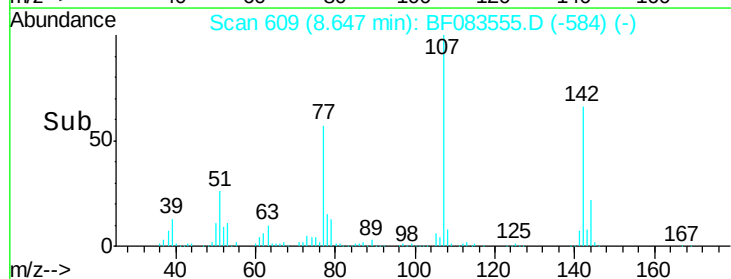
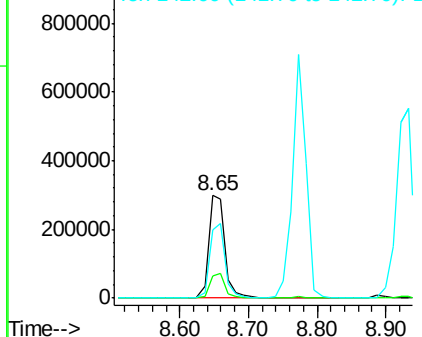
Tgt Ion:	107	Resp:	489882
Ion Ratio	Lower	Upper	
107	100		
144	21.7	17.5	26.3
142	66.4	53.6	80.4

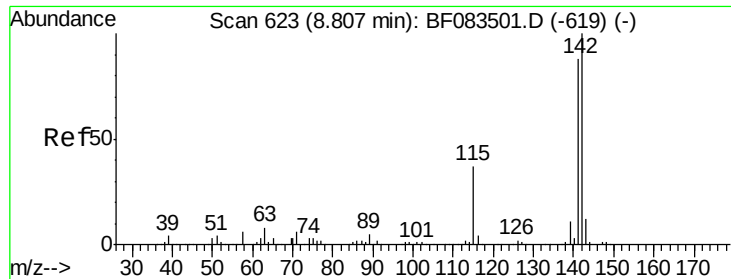


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





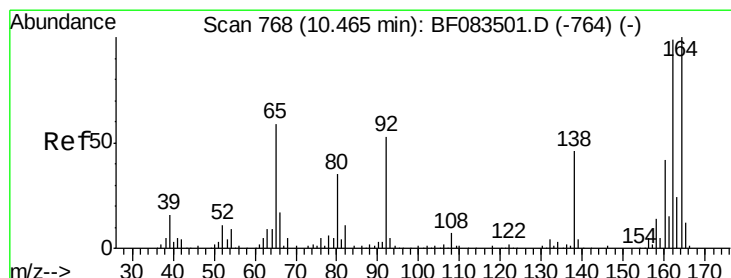
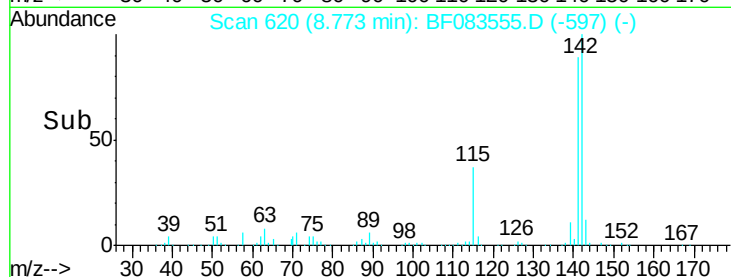
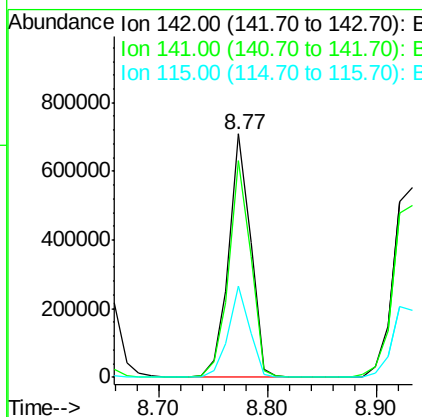
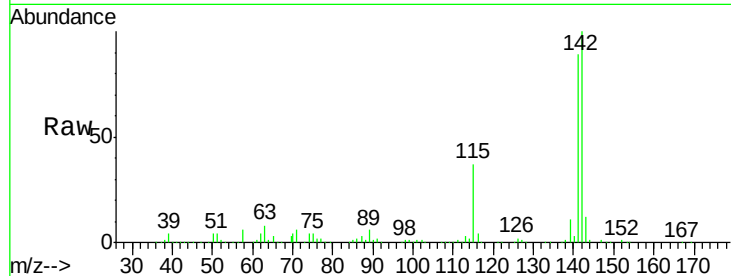
#37
2-Methylnaphthalene
Concen: 49.79 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.4	29.2	43.8

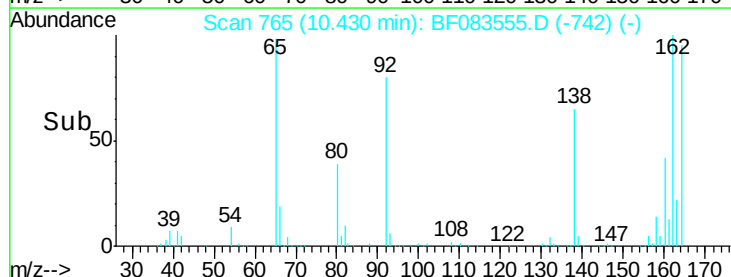
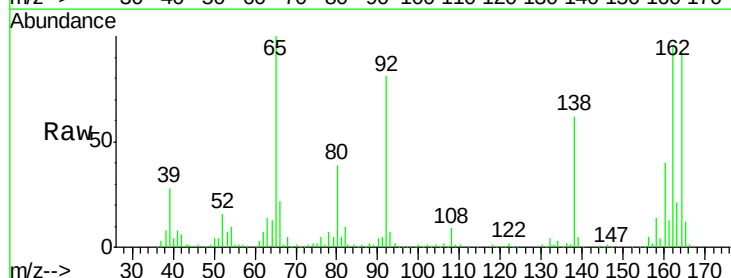
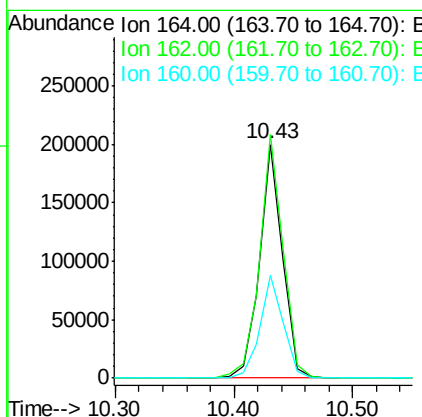
Manual Integrations
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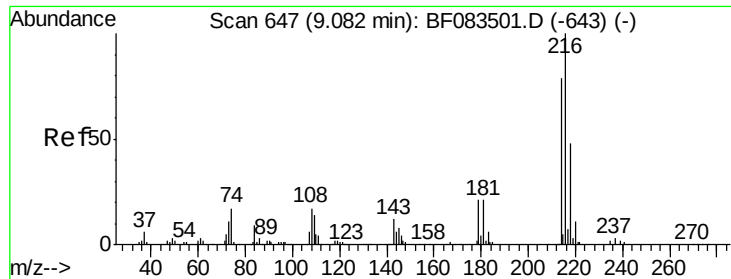
Mmdadoda
12/7/2015 6:33:47 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	43.9	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.36 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:216 Resp: 436527
Ion Ratio Lower Upper

216 100

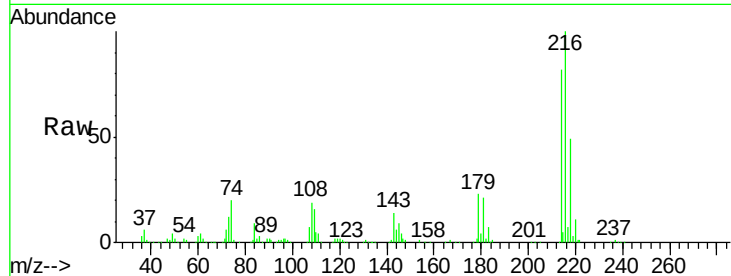
214 80.5 0.0 0.0#

179 22.2 0.0 0.0#

108 19.2 0.0 0.0#

Manual Integrations
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Mmdadoda
12/7/2015 6:33:47 PM

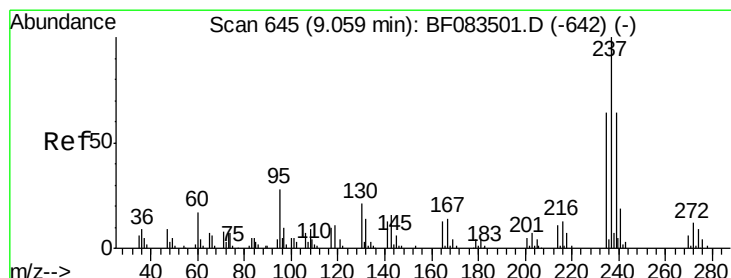
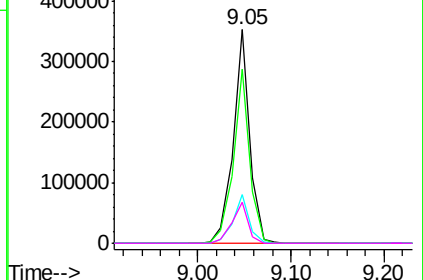
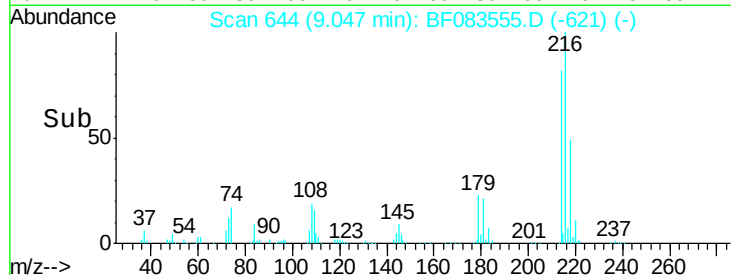


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.64 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF083555.D

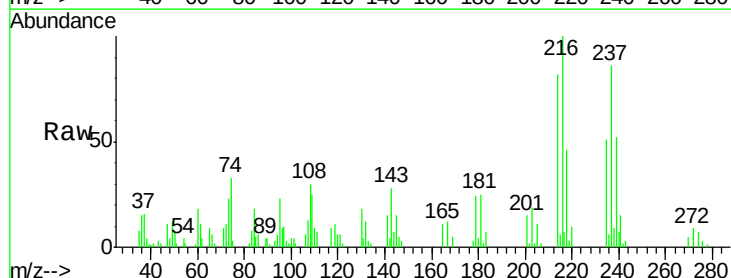
Acq: 7 Dec 2015 11:18

Tgt Ion:237 Resp: 32948
Ion Ratio Lower Upper

237 100

235 59.7 43.9 83.9

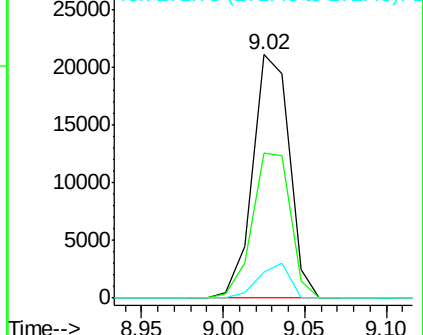
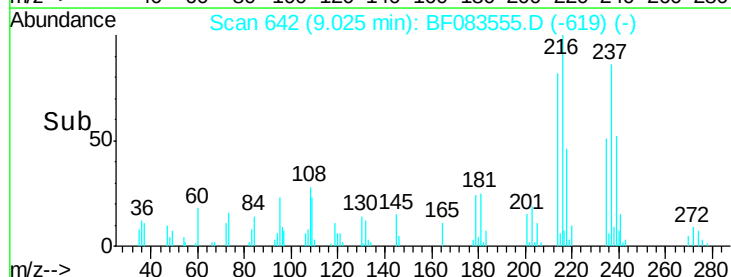
272 10.8 0.0 31.8

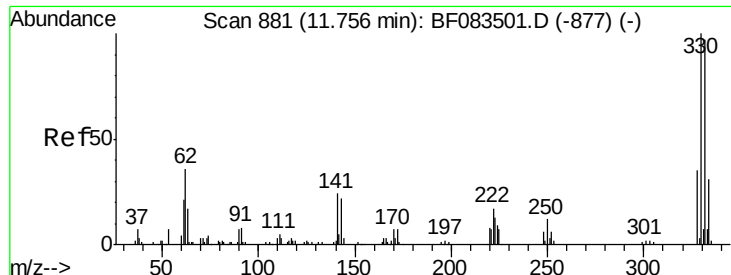


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





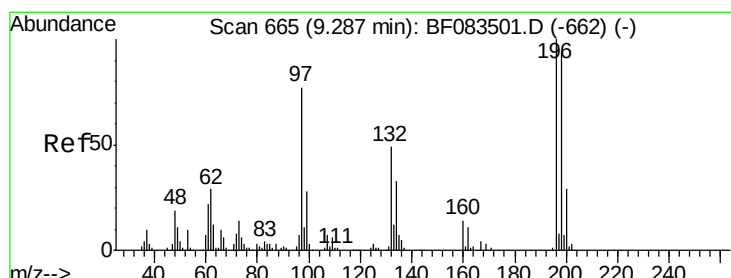
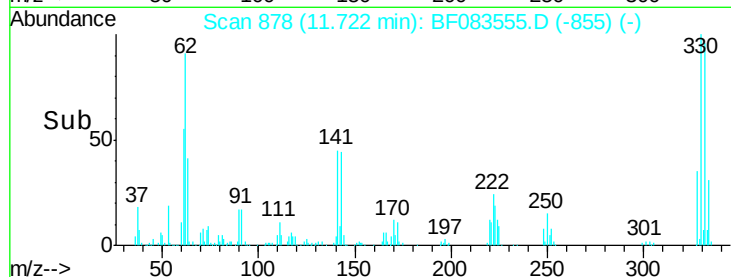
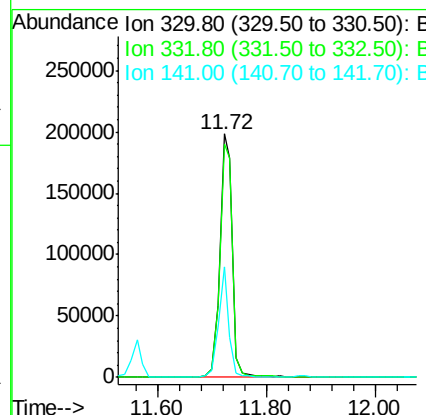
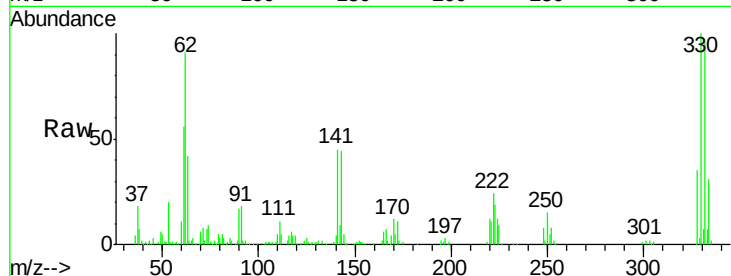
#41
 2,4,6-Tribromophenol
 Concen: 131.53 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampled :
 K207-64-65MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	37.5	0.0	0.0#

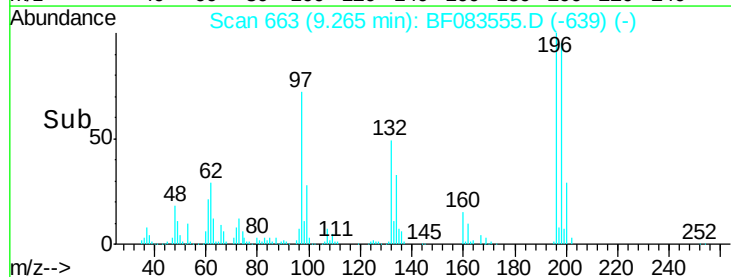
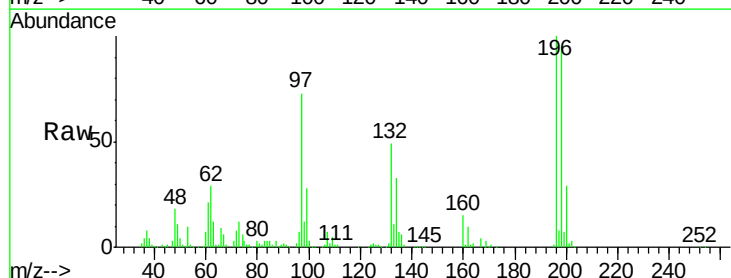
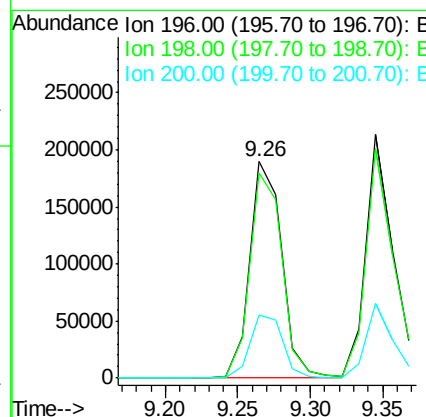
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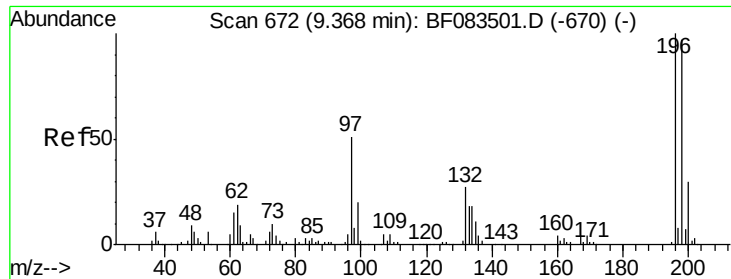
Mmdadoda
 12/7/2015 6:33:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.30 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.8	75.2	112.8
200	29.1	23.0	34.6





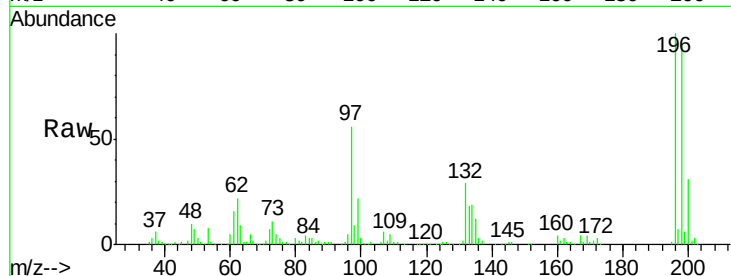
#43
2,4,5-Trichlorophenol
Concen: 52.83 ng
RT: 9.34 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		302118		
198	94.2	77.7	116.5		
97	56.2	41.2	61.8		
132	29.3	21.8	32.8		

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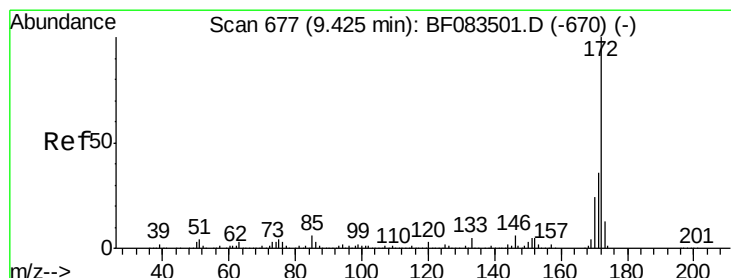
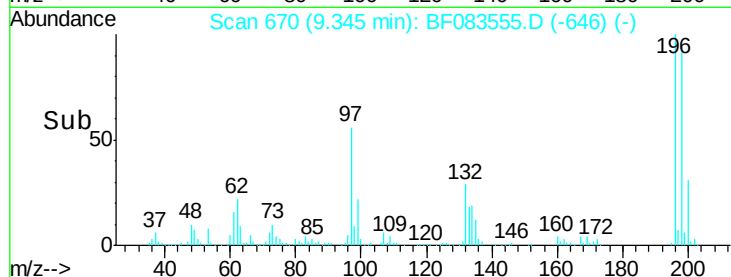
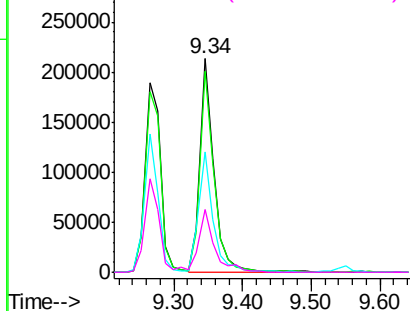
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 93.38 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

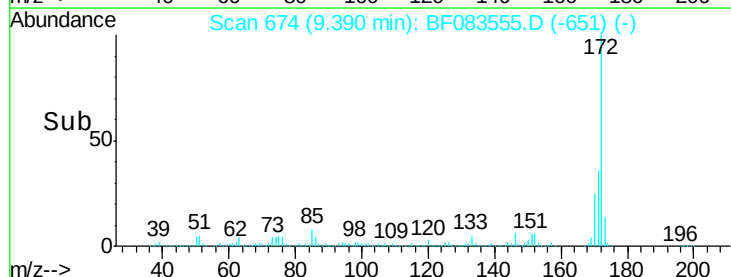
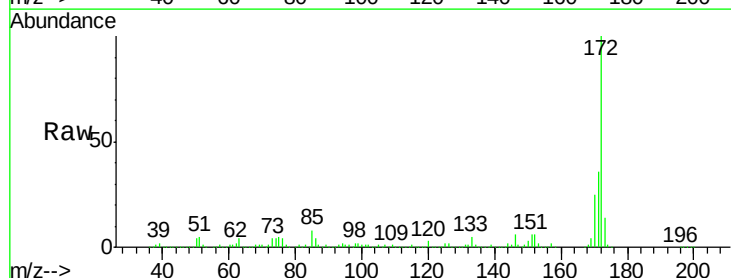
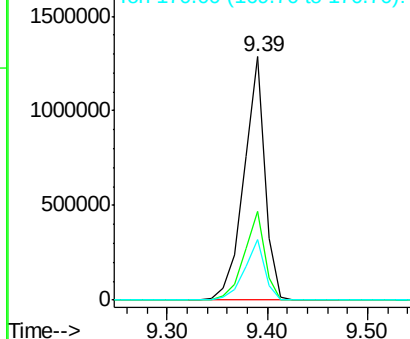
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1851490		
171	36.2	28.6	42.8		
170	24.6	19.4	29.0		

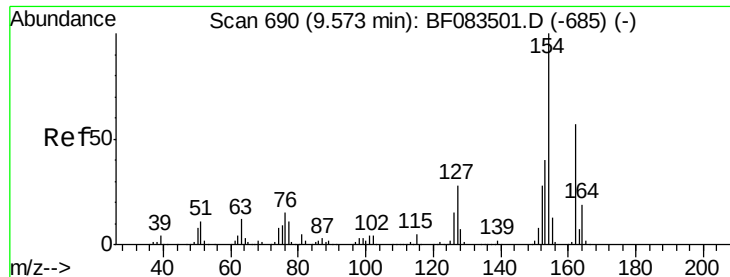
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.32 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:154 Resp: 1130882

Ion Ratio Lower Upper

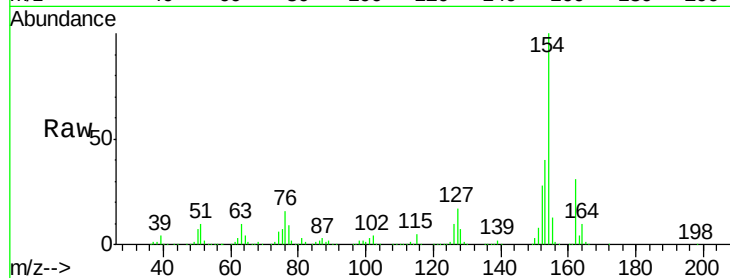
154 100

153 40.3 20.2 60.2

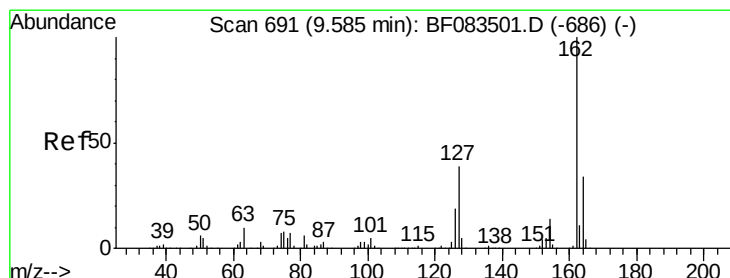
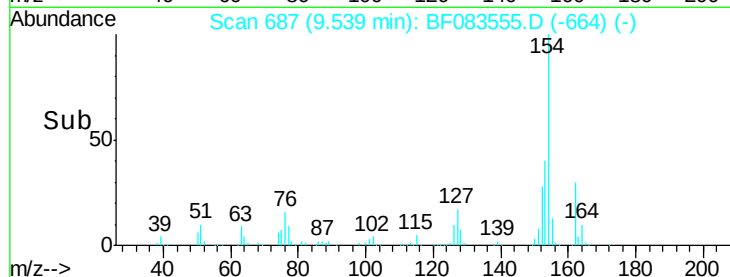
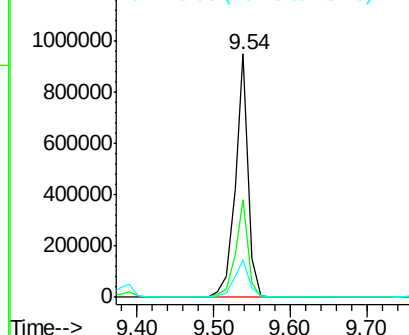
76 15.7 0.0 34.8

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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: 50.01 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

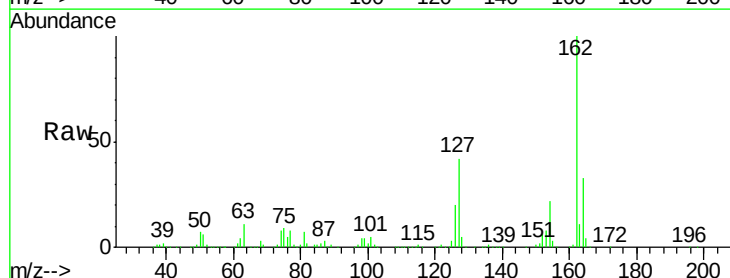
Tgt Ion:162 Resp: 900552

Ion Ratio Lower Upper

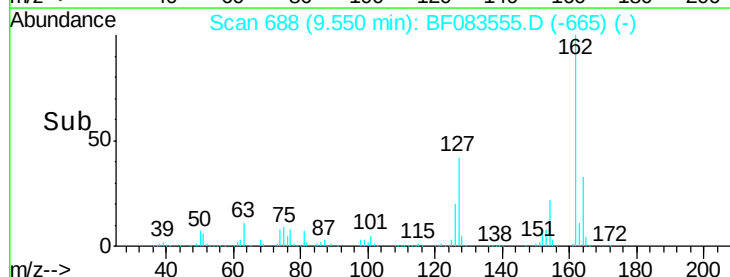
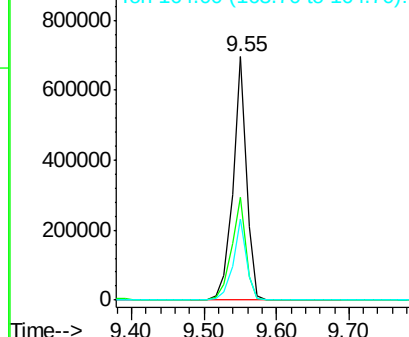
162 100

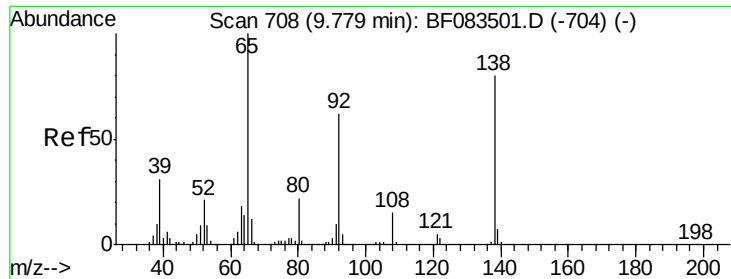
127 42.1 31.0 46.4

164 33.1 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





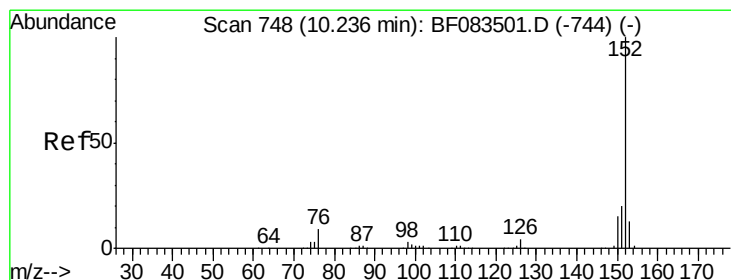
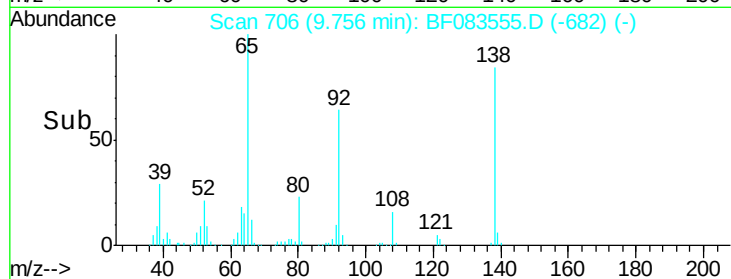
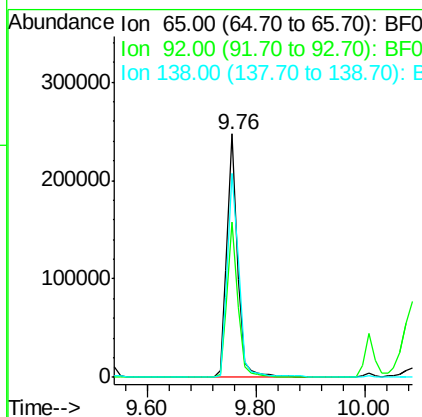
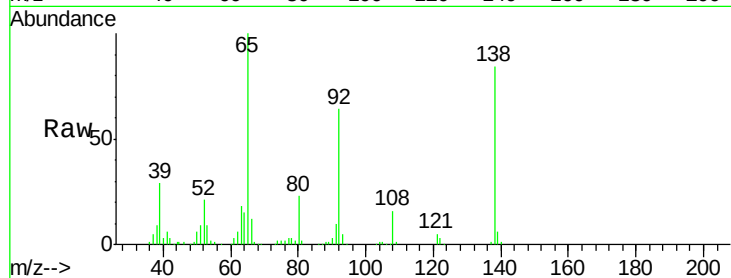
#47
2-Nitroaniline
Concen: 53.69 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	344425		
92	63.9	49.6	74.4	
138	83.9	64.1	96.1	

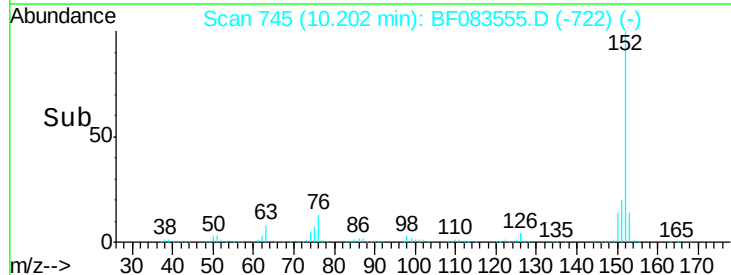
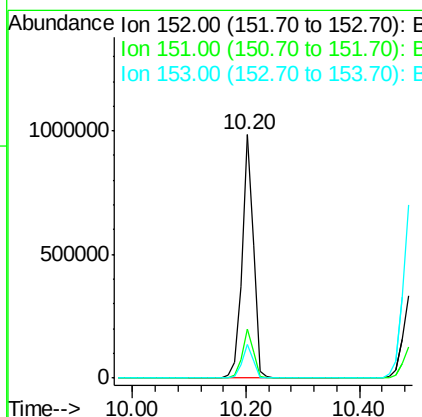
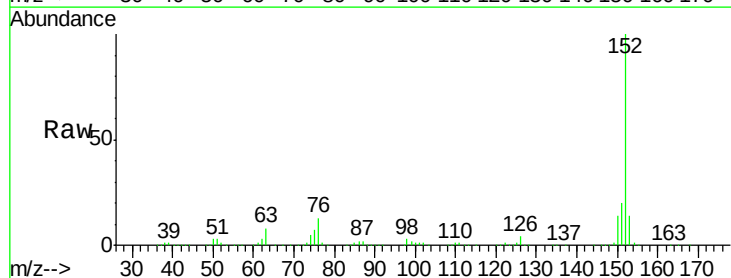
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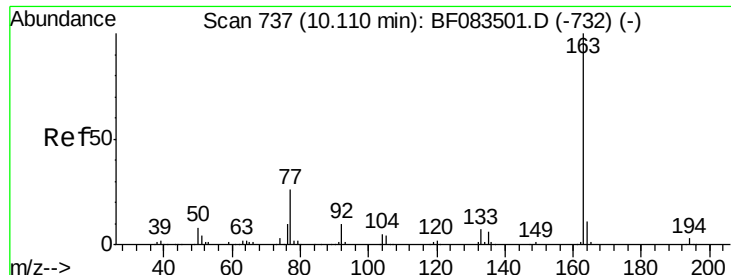
Mmdadoda
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#48
Acenaphthylene
Concen: 46.91 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1383243		
151	20.3	16.3	24.5	
153	13.8	10.8	16.2	





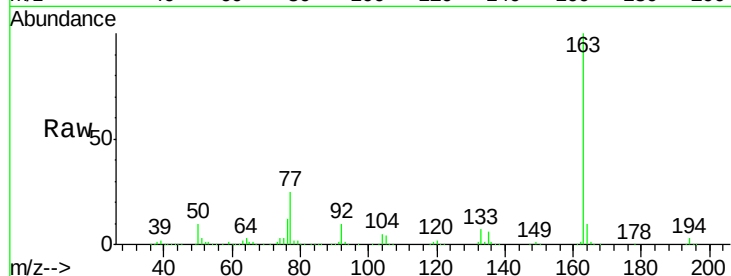
#49
Dimethylphthalate
Concen: 72.04 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

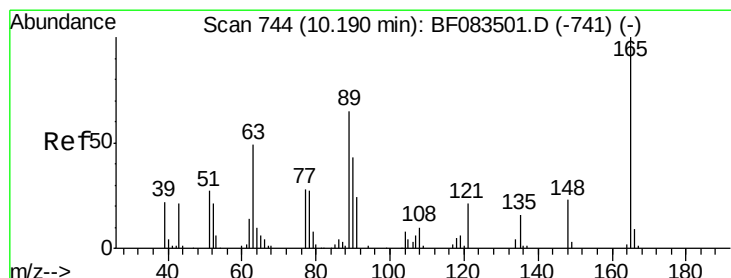
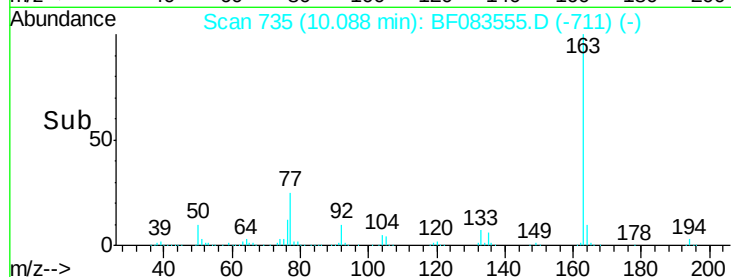
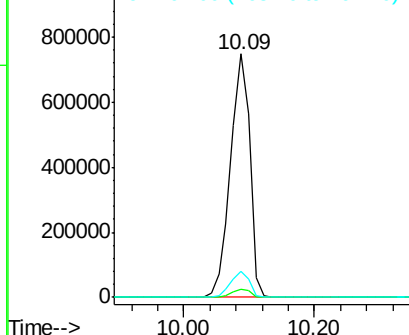
Tot Ion:163 Resp: 1524954
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.5 8.6 13.0

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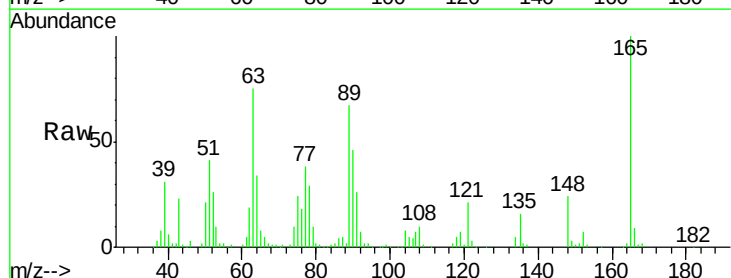


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

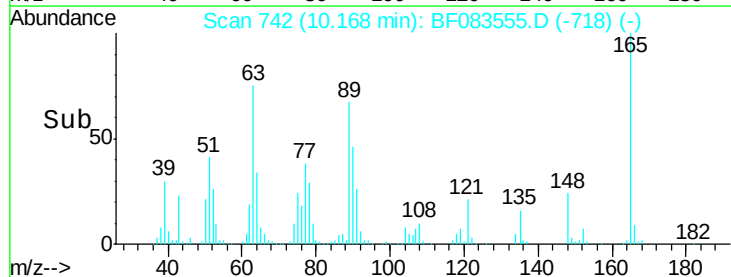
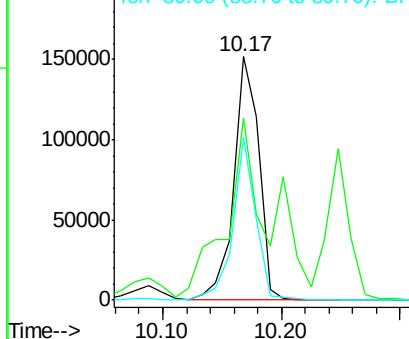


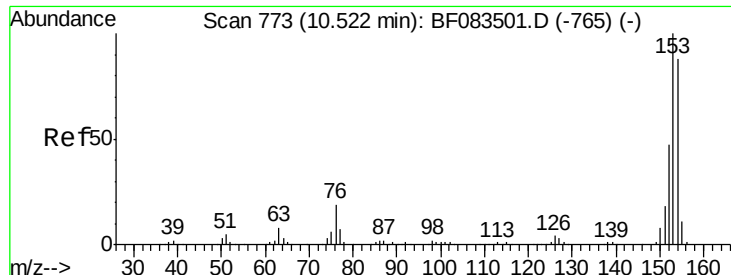
#50
2,6-Dinitrotoluene
Concen: 50.12 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:165 Resp: 223396
Ion Ratio Lower Upper
165 100
63 75.1 56.9 85.3
89 67.1 52.1 78.1



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





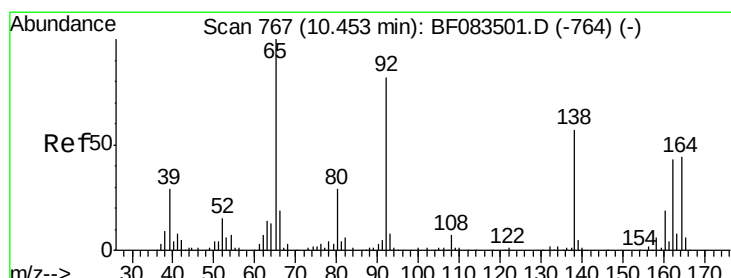
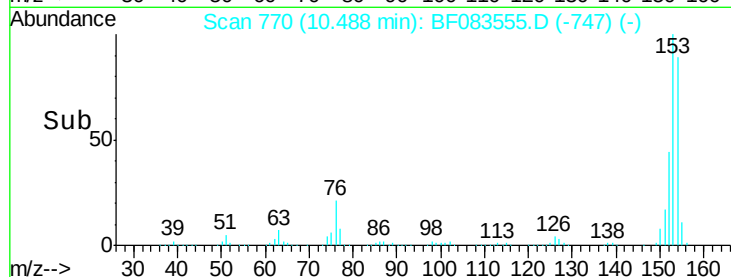
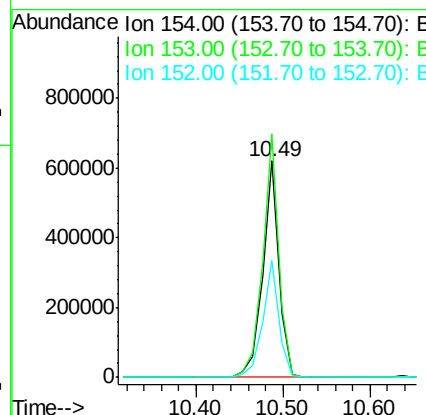
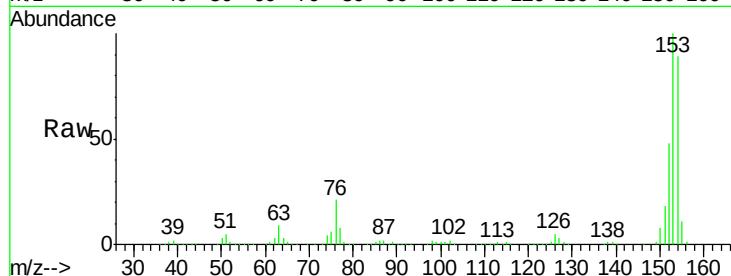
#51
Acenaphthene
Concen: 47.72 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.4	137.0
152	53.9	43.4	65.2

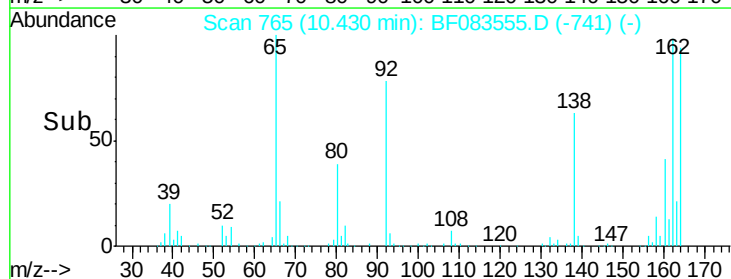
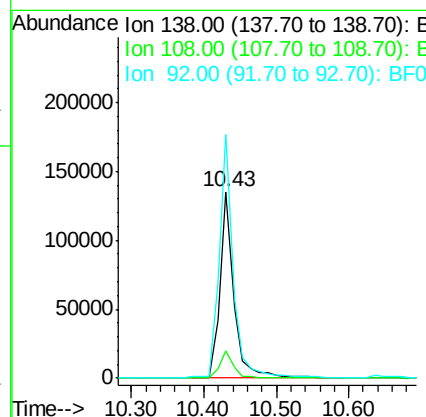
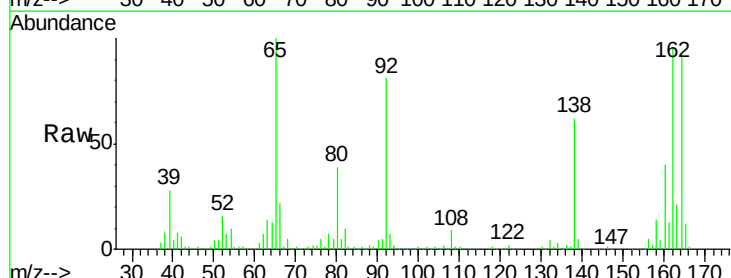
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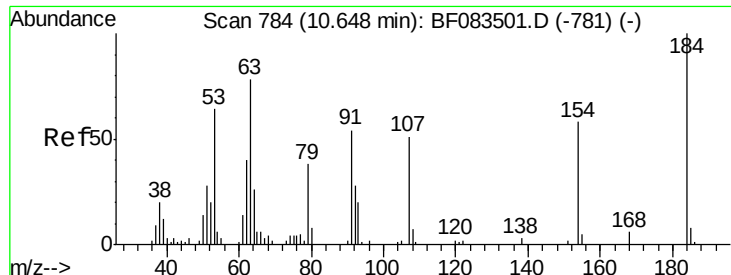
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#52
3-Nitroaniline
Concen: 37.60 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.6	9.9	14.9
92	130.7	113.8	170.8





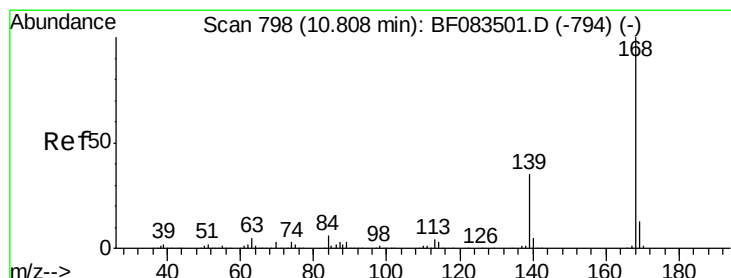
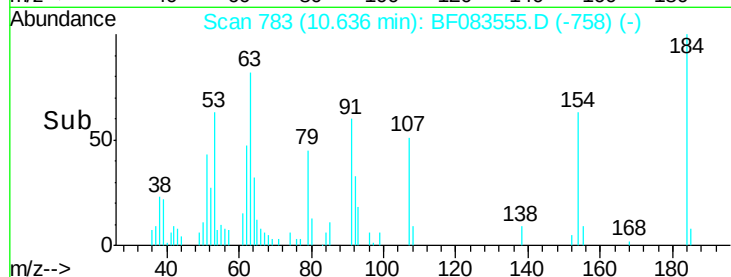
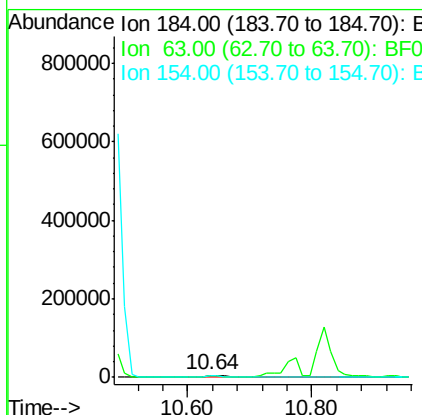
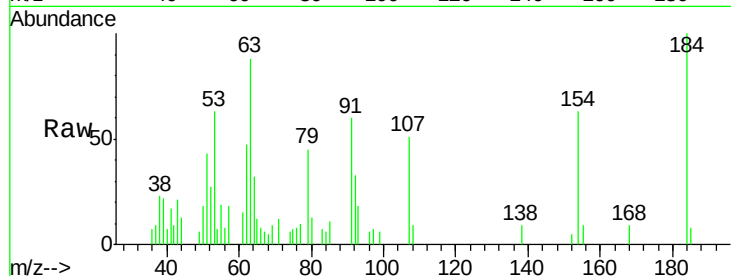
#53
 2,4-Dinitrophenol
 Concen: 14.95 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	18694		
63	87.6	62.4	93.6	
154	62.5	46.6	69.8	

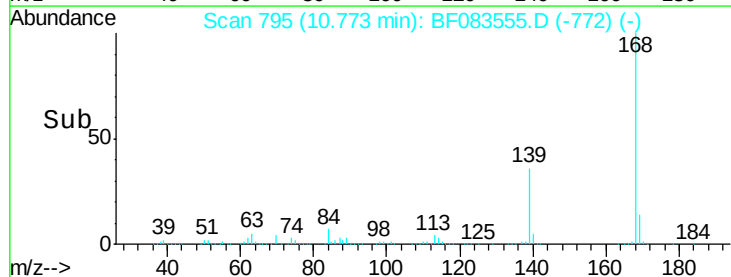
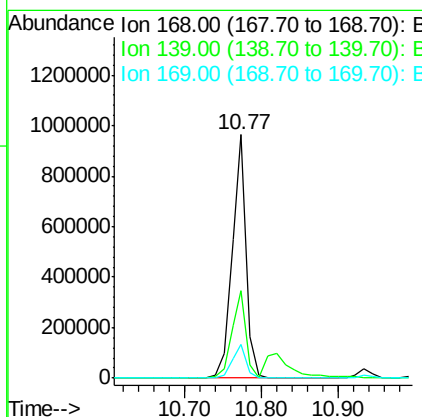
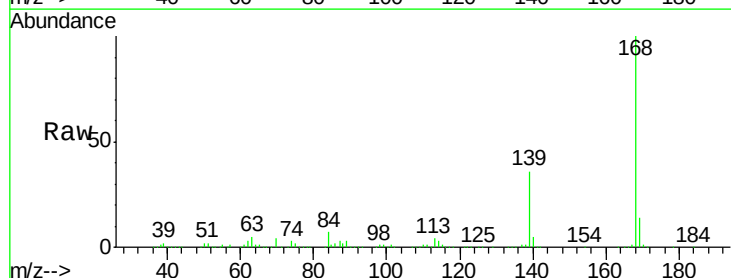
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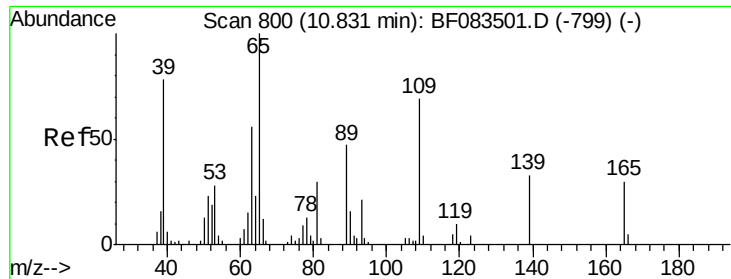
Mmdadoda
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#54
 Dibenzofuran
 Concen: 52.90 ng
 RT: 10.77 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1243523		
139	36.0	28.0	42.0	
169	13.8	10.8	16.2	





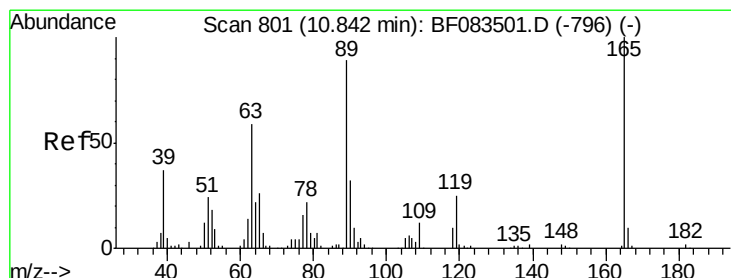
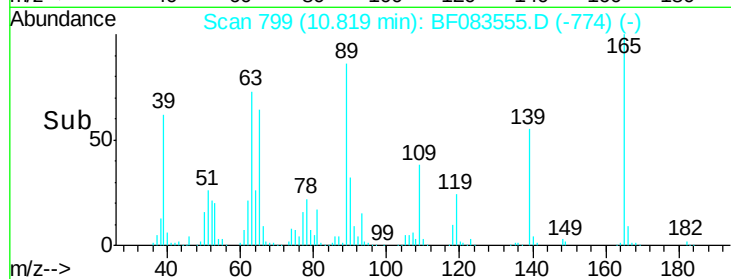
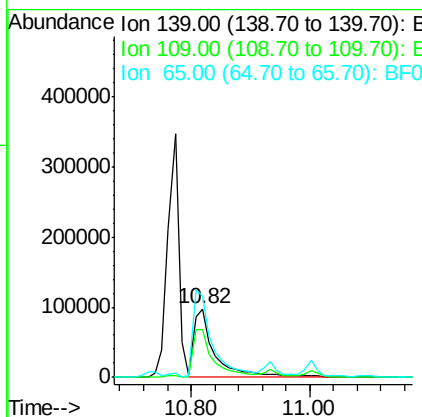
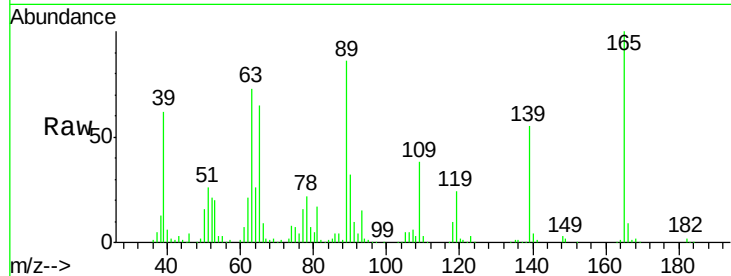
#55
4-Nitrophenol
Concen: 86.36 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	233734		
109	69.7	42.0	82.0	
65	119.3	89.2	129.2	

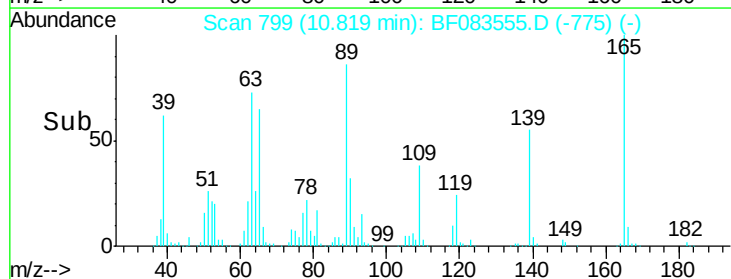
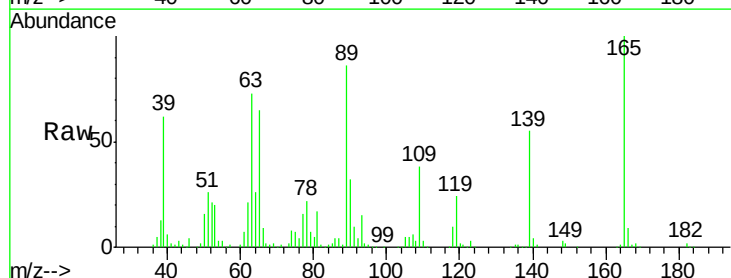
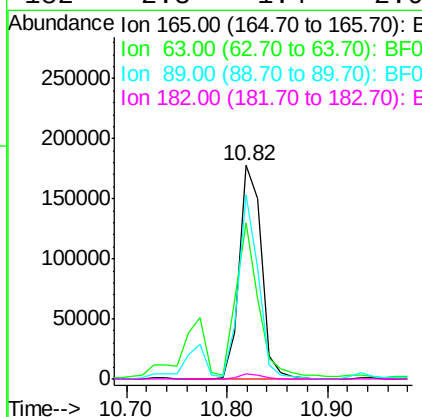
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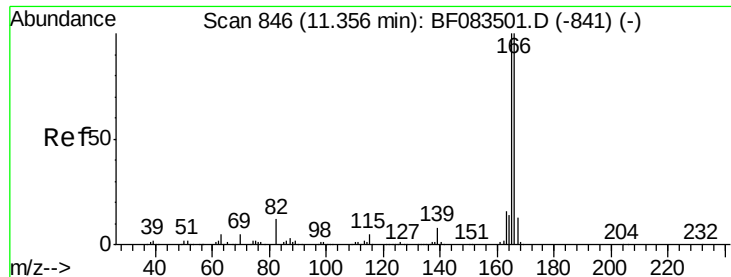
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 46.76 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	272181		
63	72.9	51.4	77.2	
89	86.1	72.6	108.8	
182	2.3	1.4	2.0	





#57

Fluorene

Concen: 47.23 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

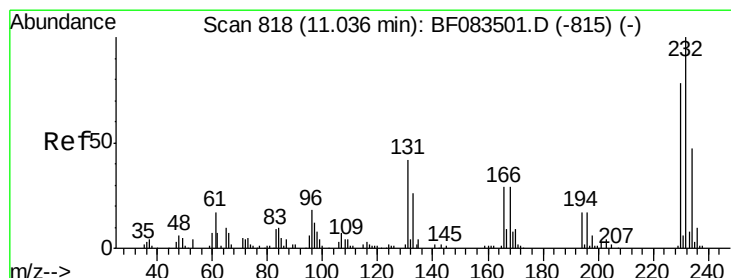
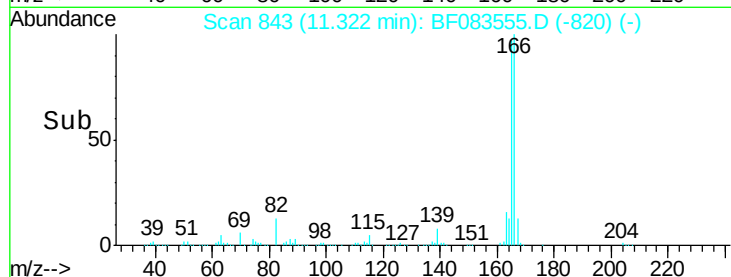
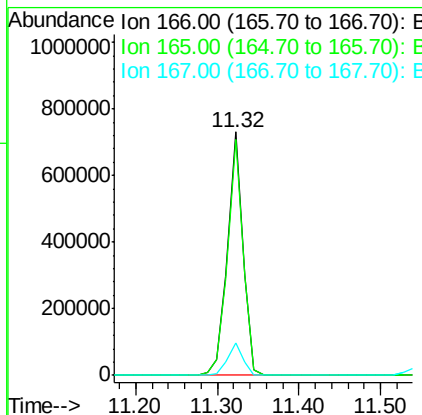
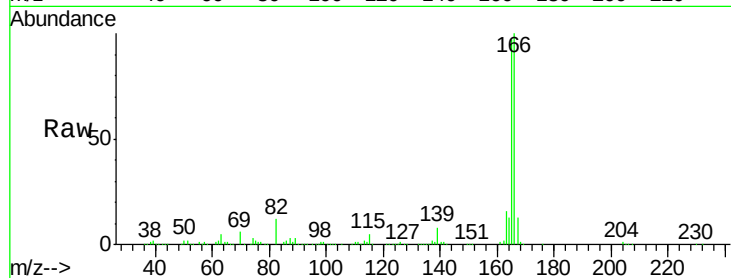
ClientSampleId :

K207-64-65MSD

Tot Ion:	166	Resp:	965897
Ion Ratio		Lower	Upper
166	100		
165	96.8	80.0	120.0
167	13.5	10.6	16.0

Manual Integrations
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12/7/2015 6:33:47 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.75 ng

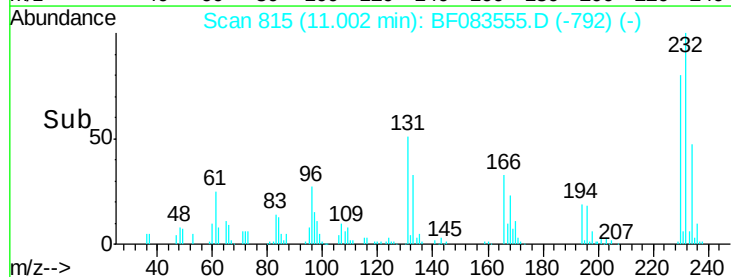
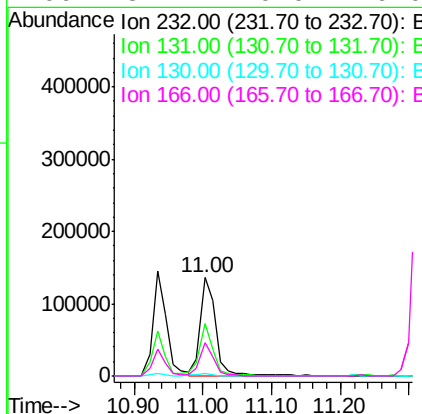
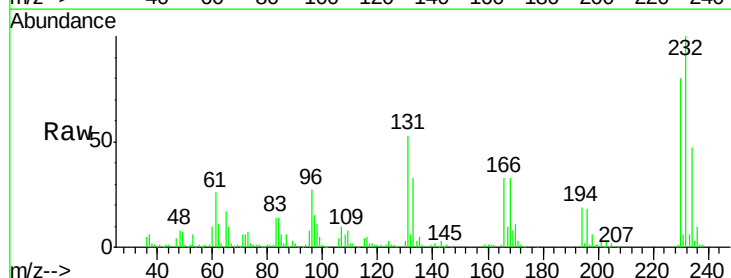
RT: 11.00 min Scan# 815

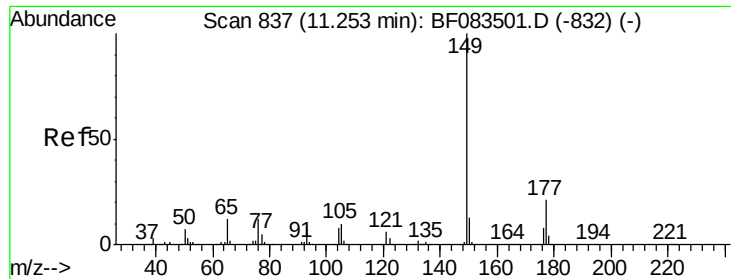
Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	232	Resp:	208520
Ion Ratio		Lower	Upper
232	100		
131	48.5	0.0	0.0#
130	3.2	0.0	0.0#
166	32.1	0.0	0.0#





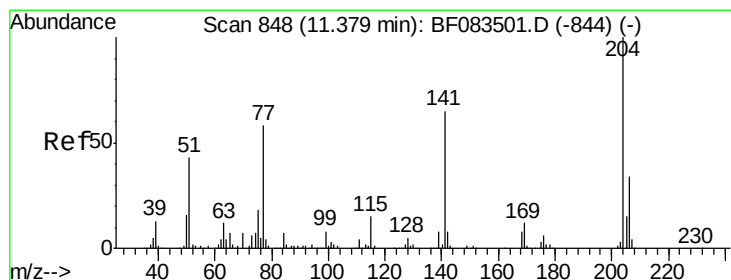
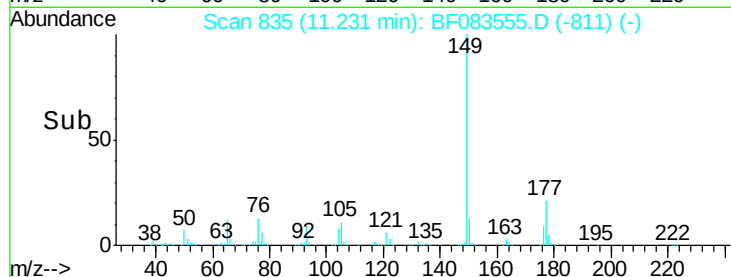
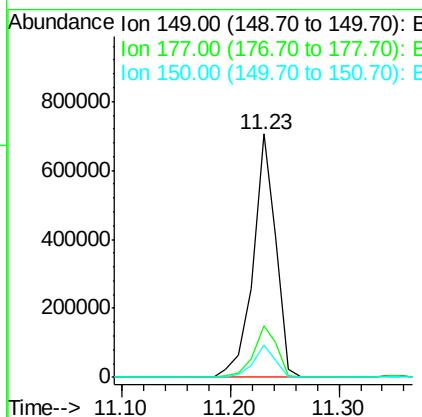
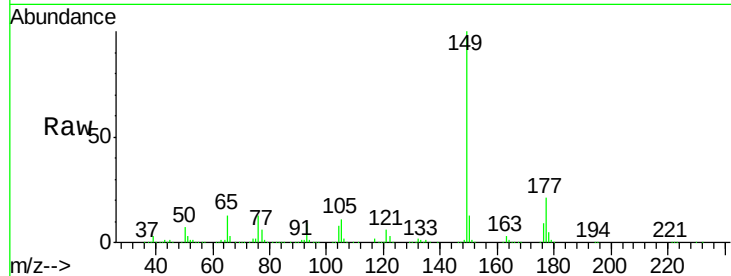
#59
Diethylphthalate
Concen: 50.28 ng
RT: 11.23 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion:149 Resp: 1024081
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 13.1 10.2 15.4

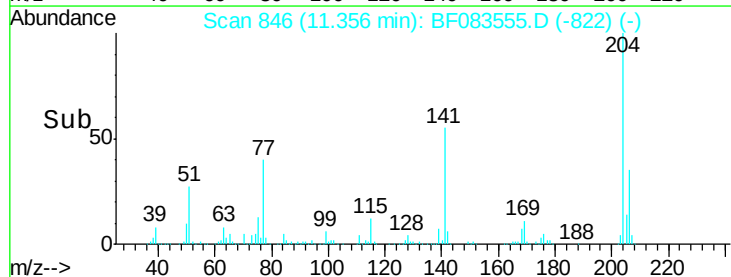
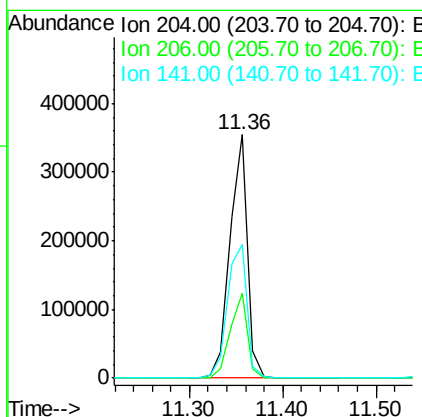
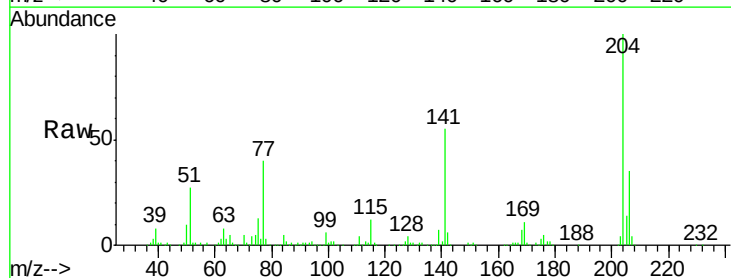
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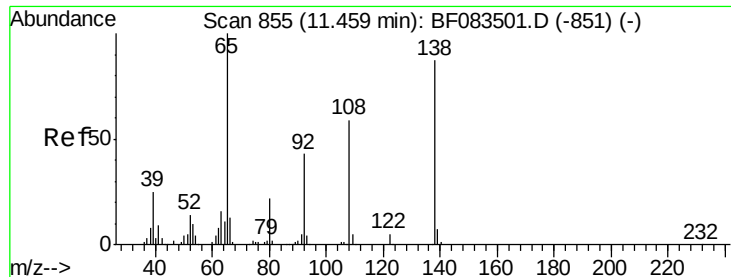
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 47.45 ng
RT: 11.36 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:204 Resp: 465068
Ion Ratio Lower Upper
204 100
206 34.9 27.3 40.9
141 55.1 51.9 77.9





#61

4-Nitroaniline

Concen: 44.73 ng

RT: 11.44 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

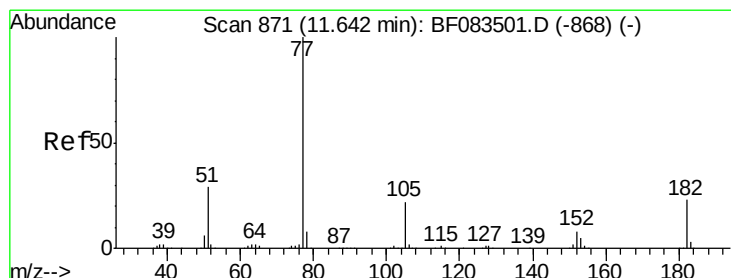
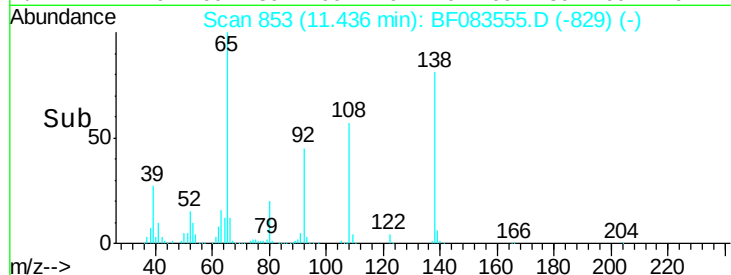
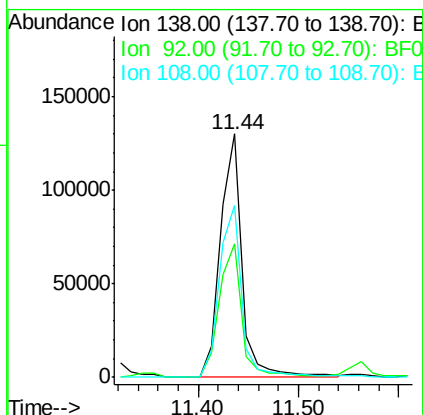
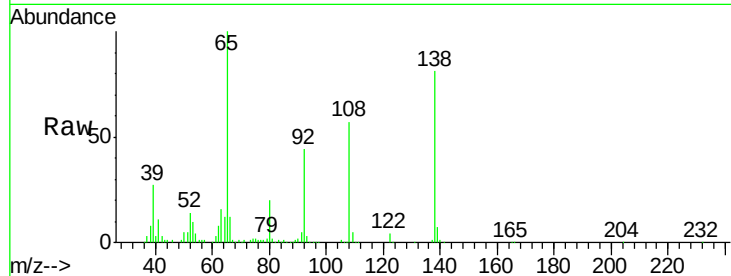
ClientSampleId :

K207-64-65MSD

Tot Ion:	138	Resp:	194747
Ion Ratio	Lower	Upper	
138	100		
92	55.1	29.0	69.0
108	70.5	47.4	87.4

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#62

Azobenzene

Concen: 55.16 ng

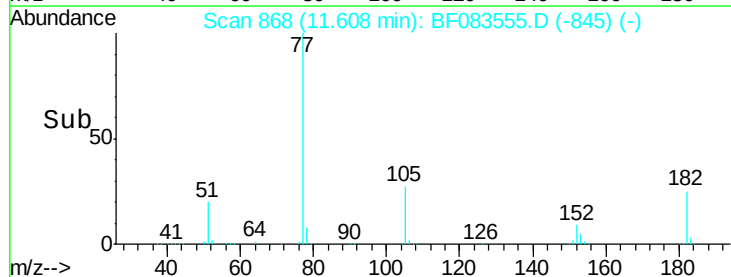
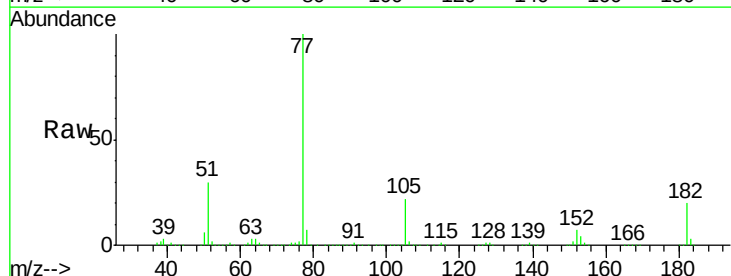
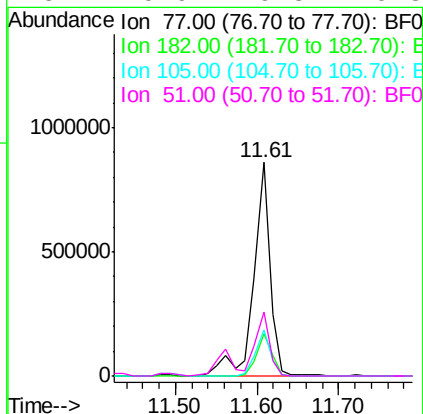
RT: 11.61 min Scan# 868

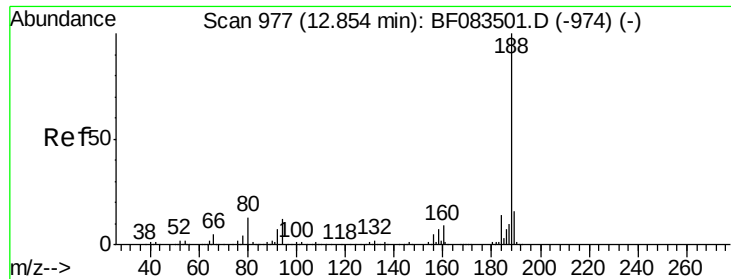
Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	77	Resp:	1198845
Ion Ratio	Lower	Upper	
77	100		
182	19.9	2.5	42.5
105	21.8	2.1	42.1
51	29.9	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

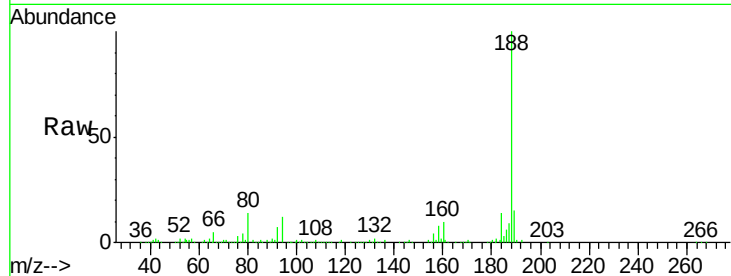
ClientSampleId :

K207-64-65MSD

Tot Ion:	188	Resp:	435308
Ion Ratio	Lower	Upper	
188	100		
94	12.2	9.4	14.2
80	13.9	10.6	16.0

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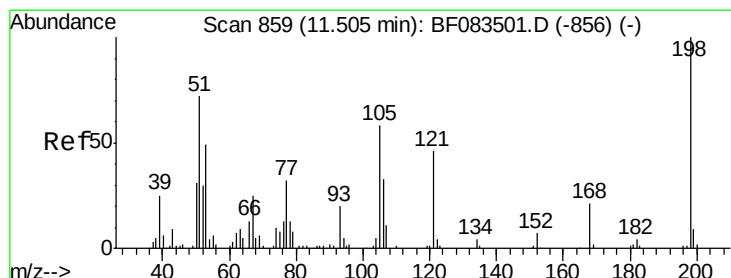
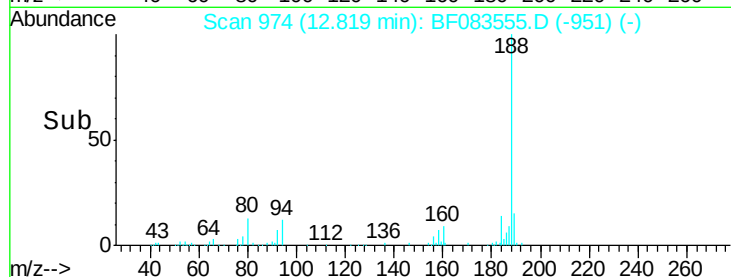
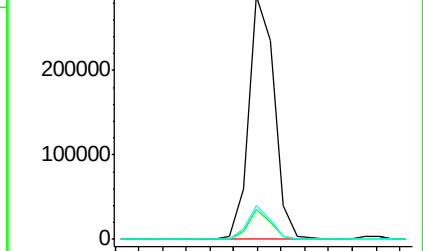
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.78 ng

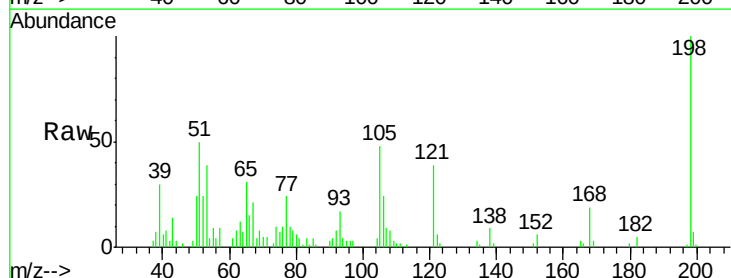
RT: 11.49 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

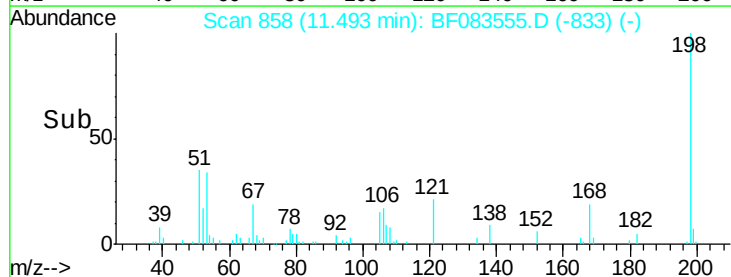
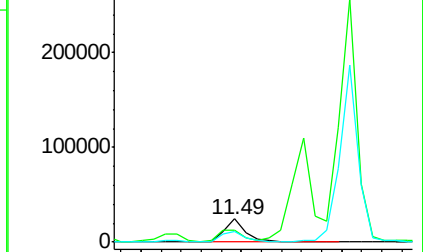
Tgt Ion:	198	Resp:	35776
Ion Ratio	Lower	Upper	
198	100		
51	50.3	53.8	93.8#
105	47.7	38.6	78.6

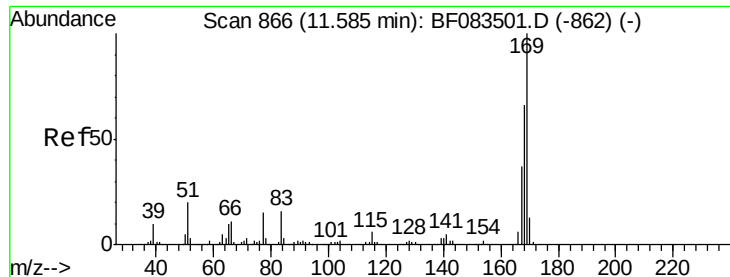


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 55.78 ng

RT: 11.56 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:169 Resp: 803842

Ion Ratio Lower Upper

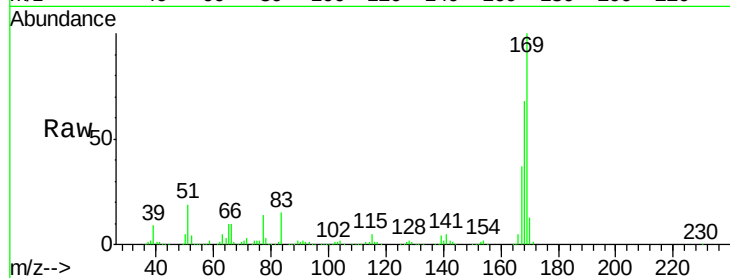
169 100

168 67.7 53.0 79.6

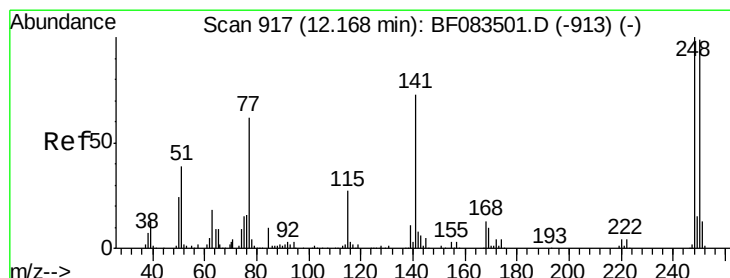
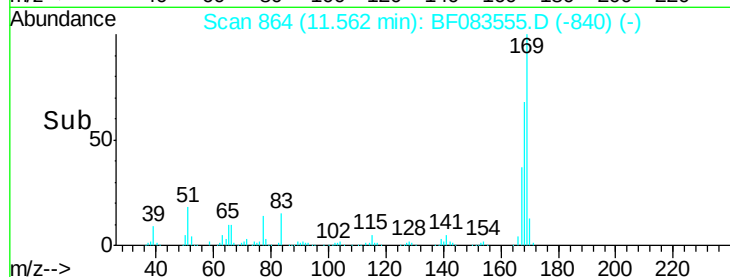
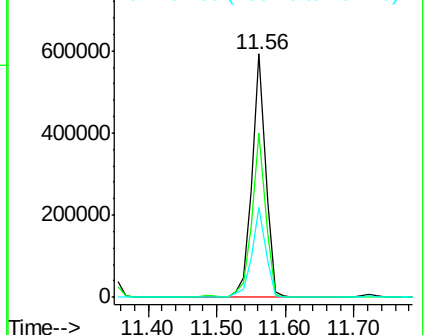
167 37.2 29.3 43.9

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Abundance Ion 169.00 (168.70 to 169.70): E
800000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.77 ng

RT: 12.13 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

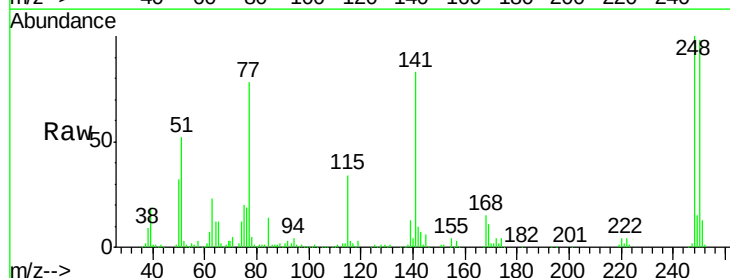
Tgt Ion:248 Resp: 251011

Ion Ratio Lower Upper

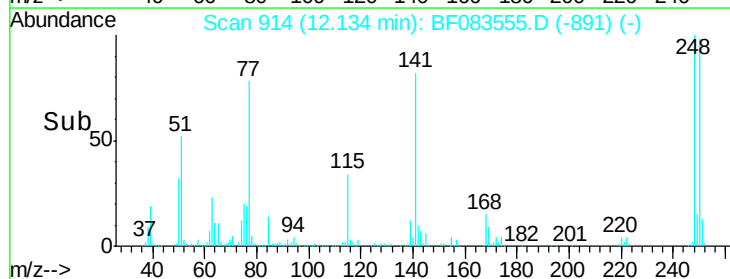
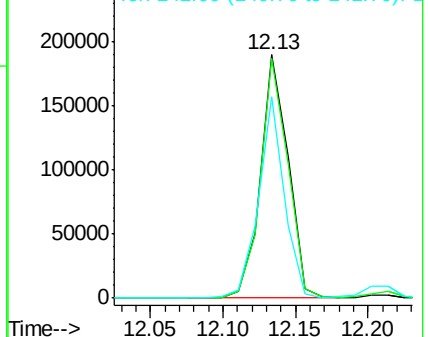
248 100

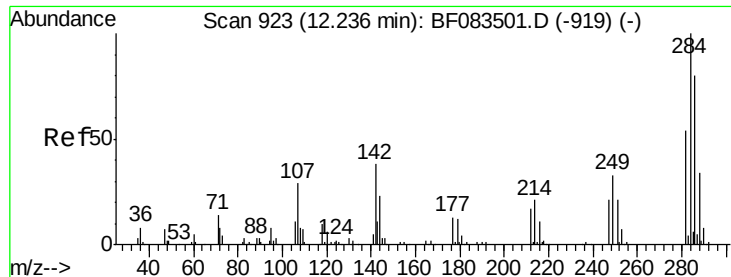
250 98.5 79.2 118.8

141 82.5 58.2 87.4



Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





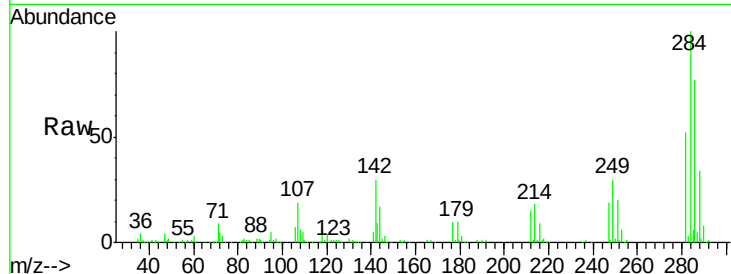
#67
Hexachlorobenzene
Concen: 52.93 ng
RT: 12.21 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

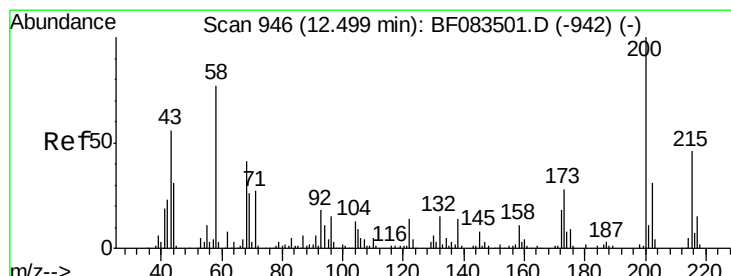
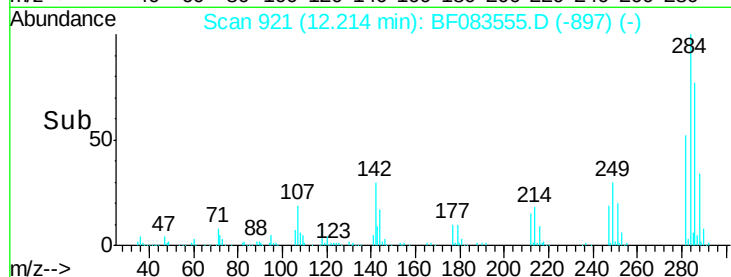
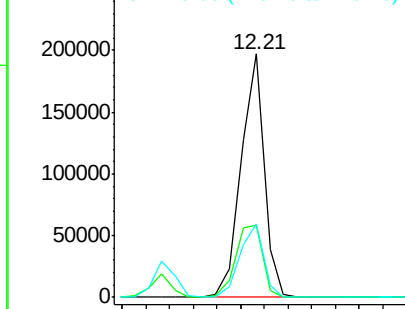
Tot Ion	Ratio	Resp	Lower	Upper
284	100	269149		
142	29.6	31.0	46.4	
249	30.3	26.9	40.3	

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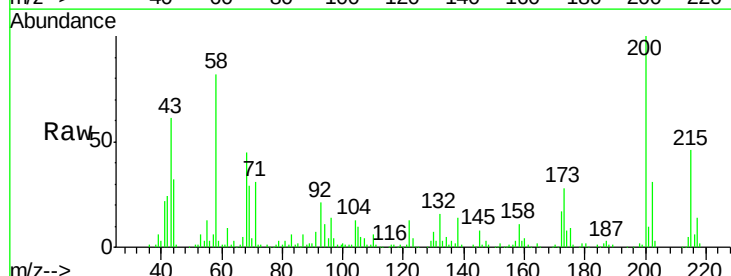


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

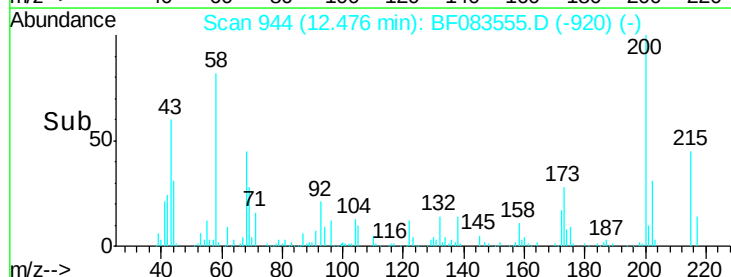
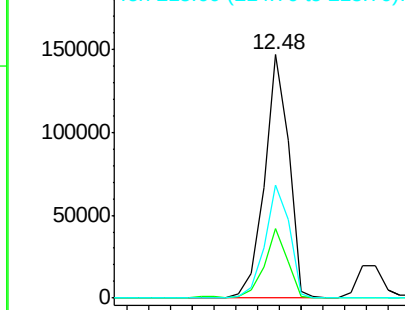


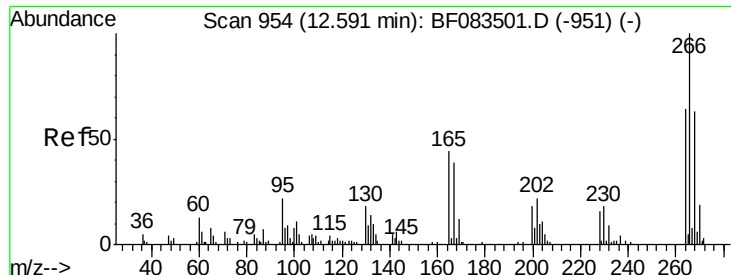
#68
Atrazine
Concen: 52.29 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	227896		
173	28.4	7.8	47.8	
215	46.4	25.7	65.7	



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





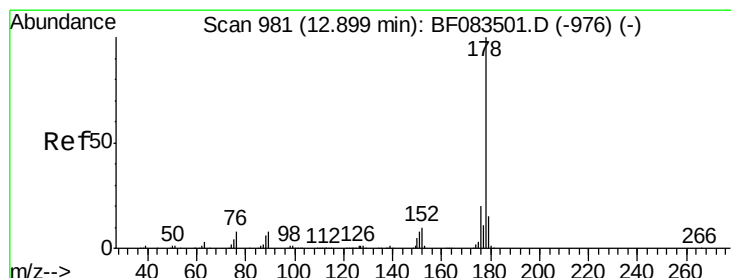
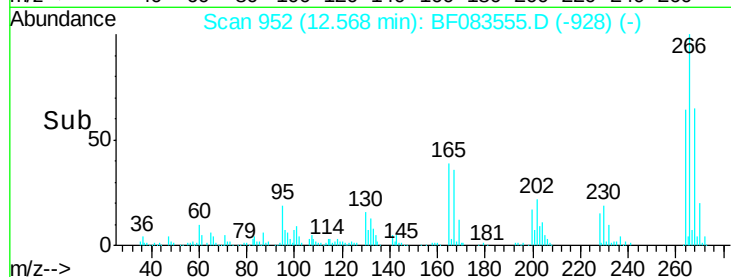
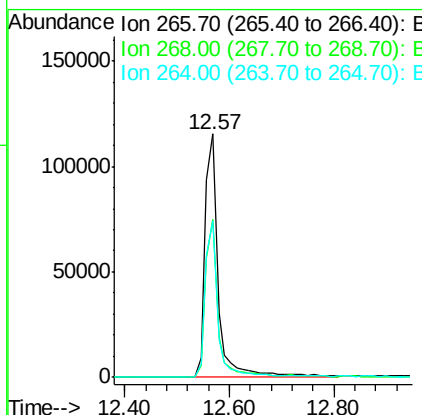
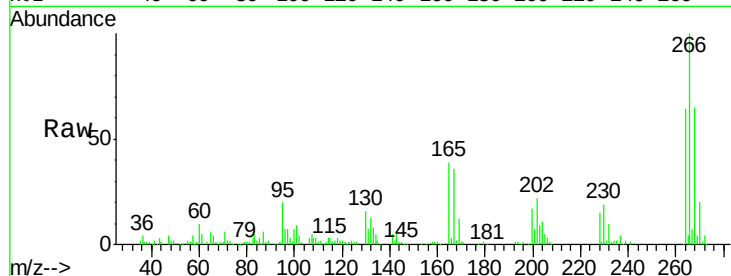
#69
 Pentachlorophenol
 Concen: 88.73 ng
 RT: 12.57 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206268		
268	64.9	50.2	75.2	
264	64.1	51.4	77.2	

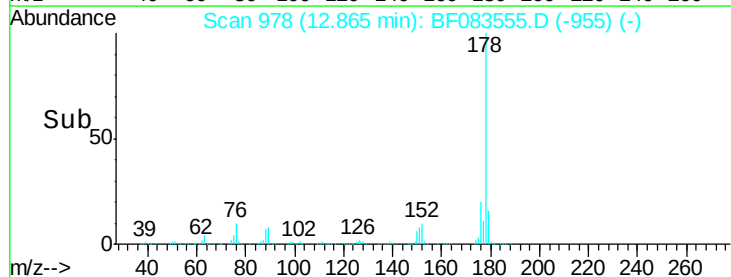
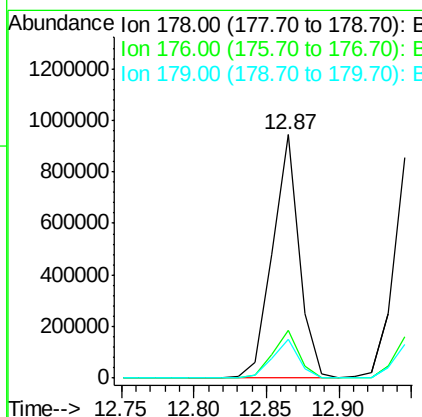
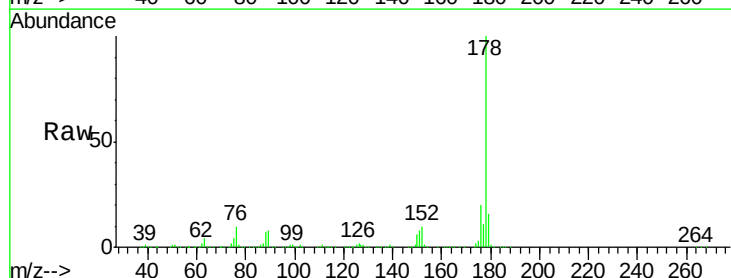
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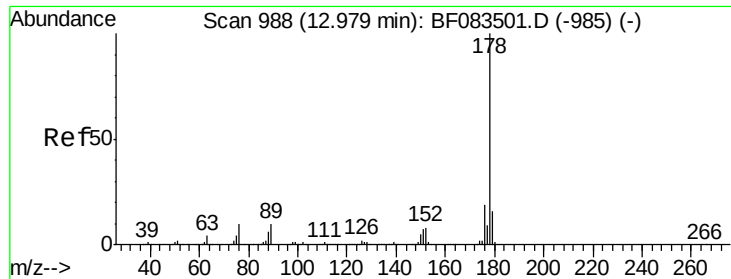
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 12/7/2015 6:33:47 PM



#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1205198		
176	19.6	15.7	23.5	
179	15.7	12.2	18.4	





#71

Anthracene

Concen: 47.50 ng

RT: 12.95 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:178 Resp: 1227343

Ion Ratio Lower Upper

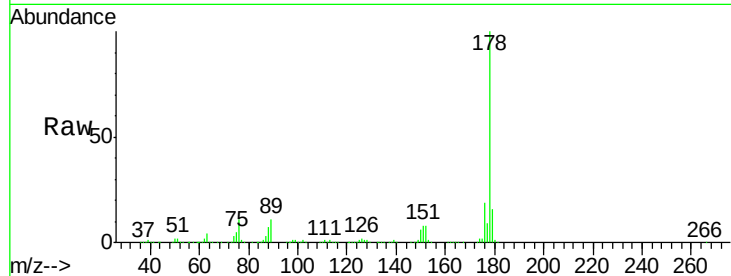
178 100

176 18.6 15.2 22.8

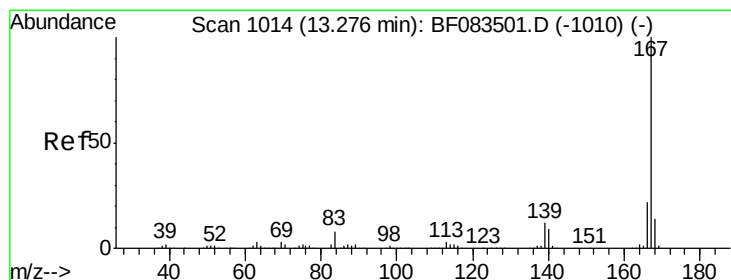
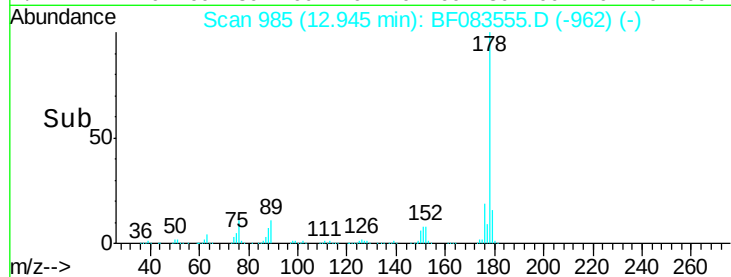
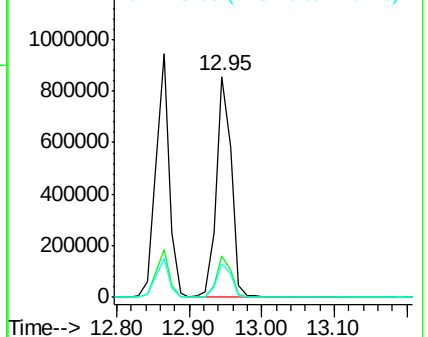
179 15.5 12.6 18.8

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



#72

Carbazole

Concen: 47.42 ng

RT: 13.24 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

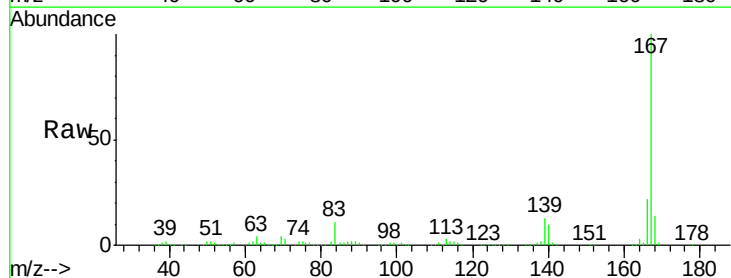
Tgt Ion:167 Resp: 1052139

Ion Ratio Lower Upper

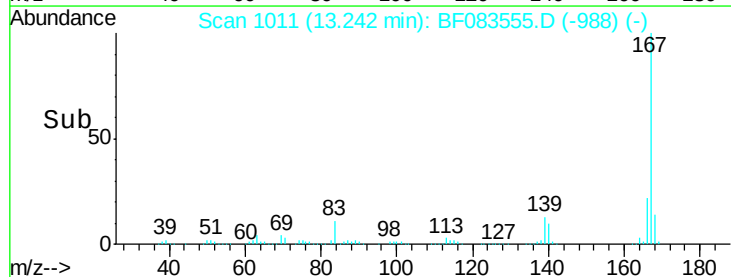
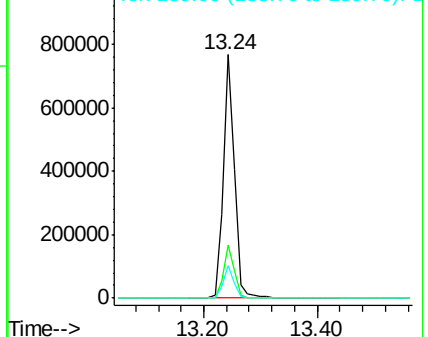
167 100

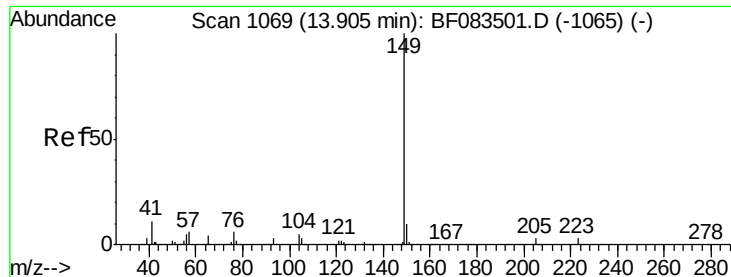
166 21.9 17.2 25.8

139 13.2 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.44 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

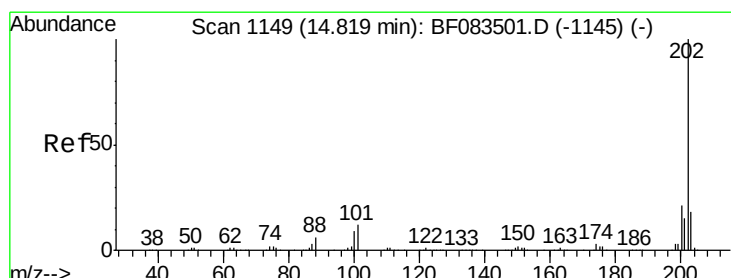
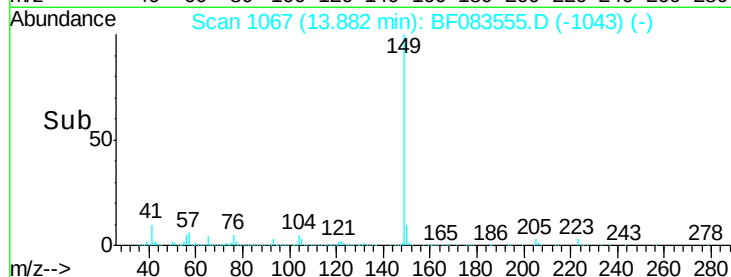
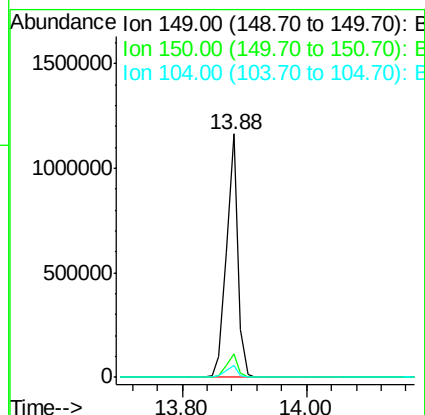
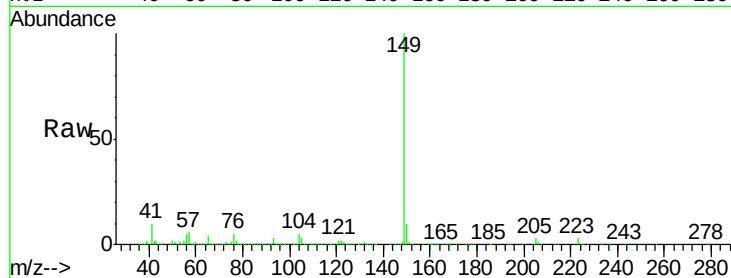
ClientSampleId :

K207-64-65MSD

Tot Ion:	149	Resp:	1454919
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 43.07 ng

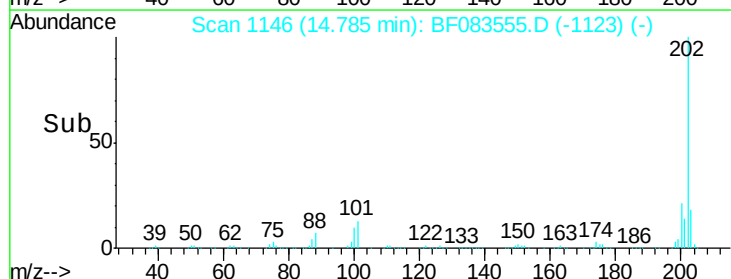
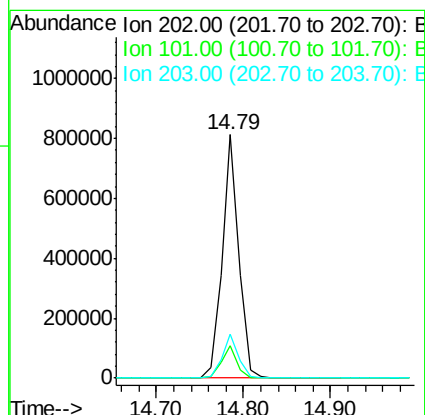
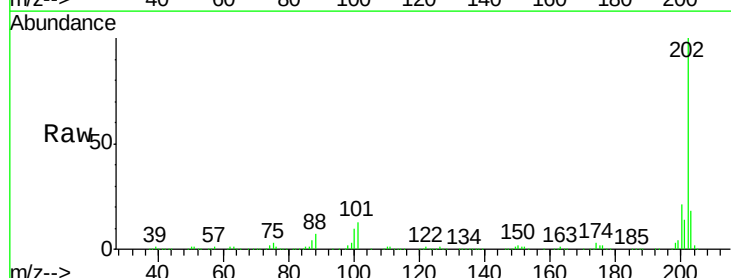
RT: 14.79 min Scan# 1146

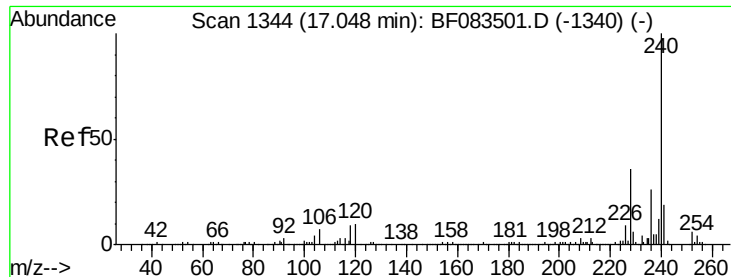
Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	202	Resp:	1081662
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.5
203	17.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

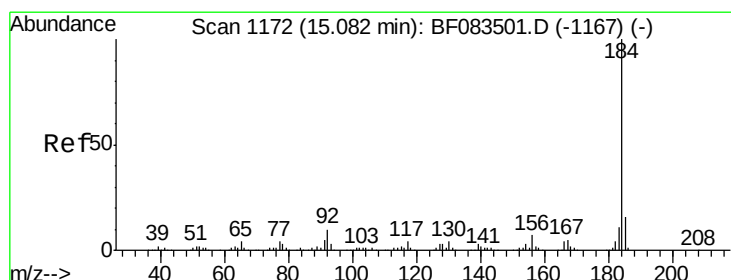
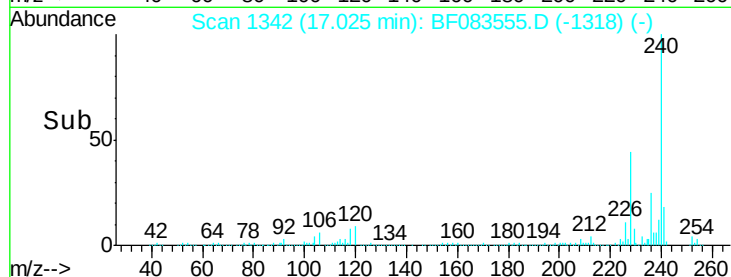
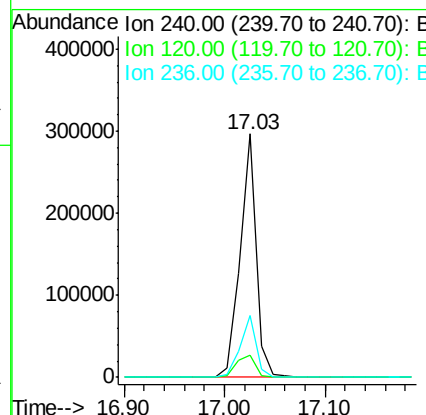
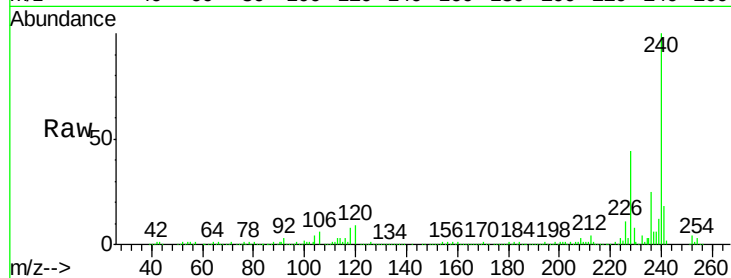
ClientSampleId :

K207-64-65MSD

Tot Ion:	240	Resp:	329538
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.1	12.1
236	25.4	20.8	31.2

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#76

Benzidine

Concen: 31.80 ng

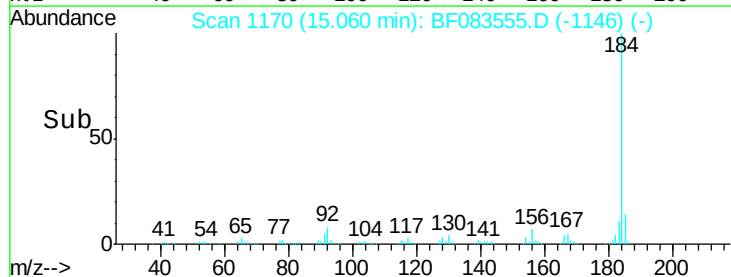
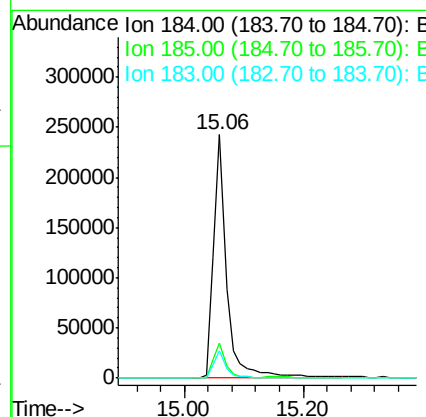
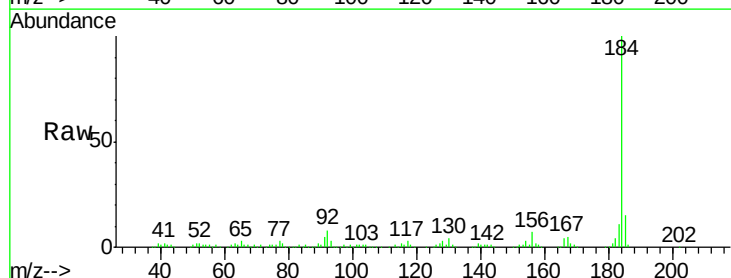
RT: 15.06 min Scan# 1170

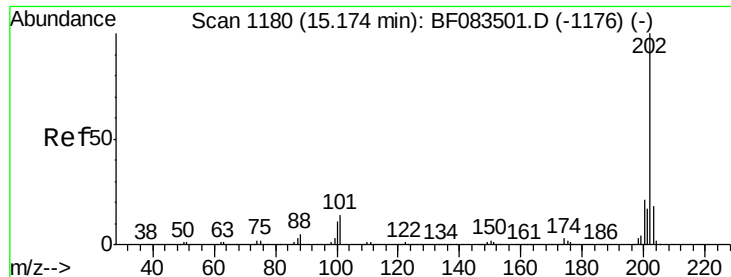
Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	184	Resp:	378562
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	11.0	9.0	13.4





#77

Pvrene

Concen: 45.41 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

K207-64-65MSD

Tot Ion:202 Resp: 1119544

Ion Ratio Lower Upper

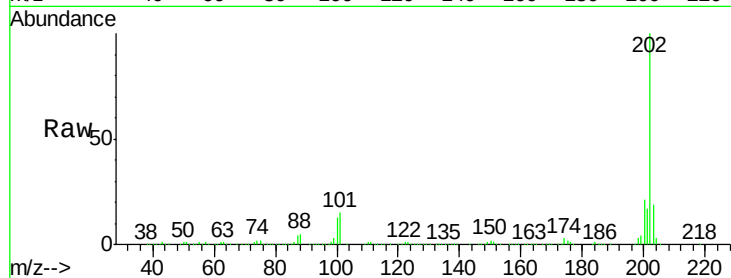
202 100

200 21.5 16.7 25.1

203 18.5 14.3 21.5

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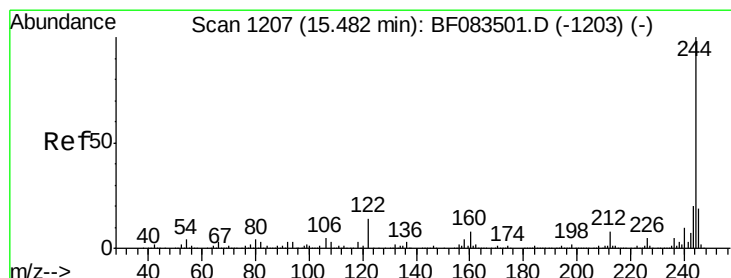
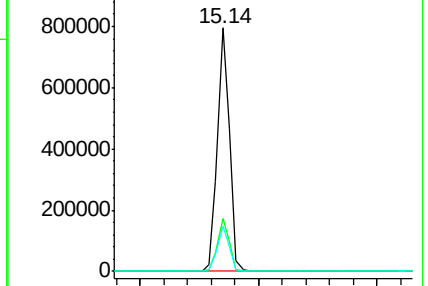
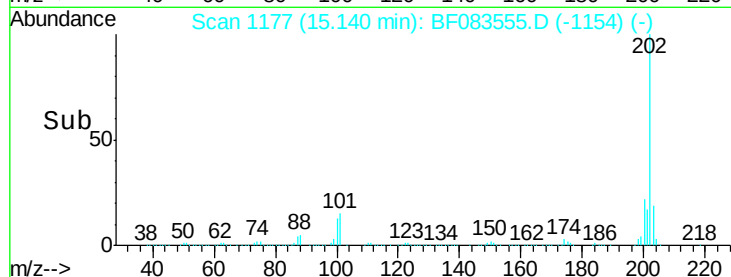
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.34 ng

RT: 15.46 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

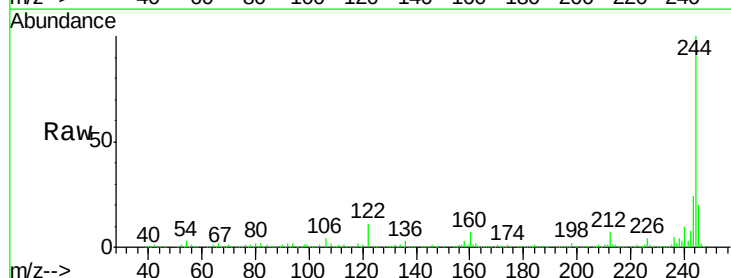
Tgt Ion:244 Resp: 1308227

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

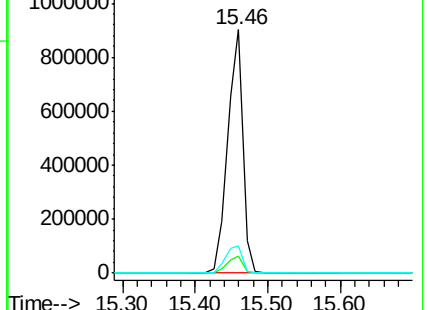
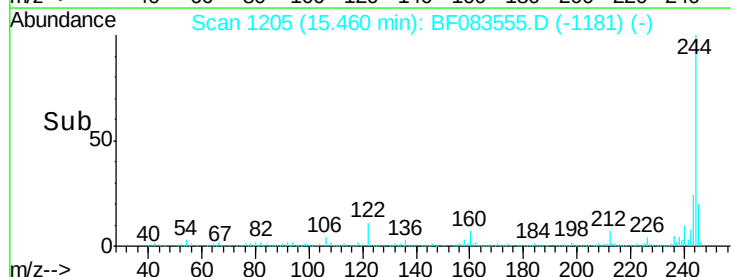
122 11.0 11.0 16.6#

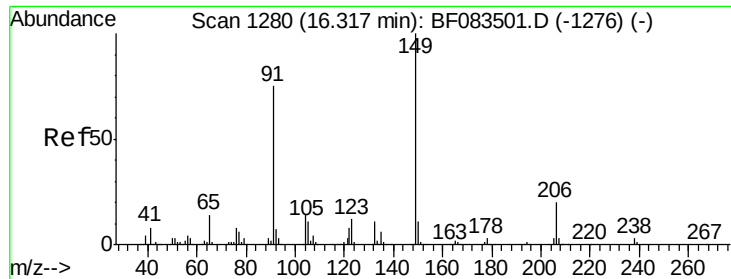


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





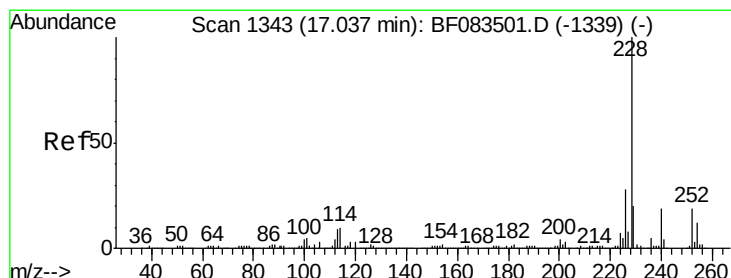
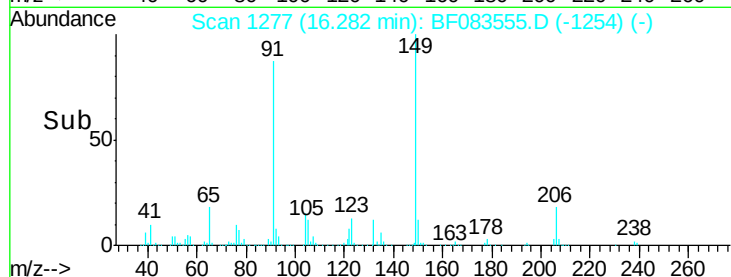
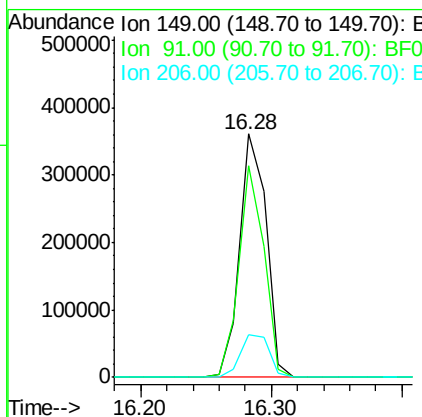
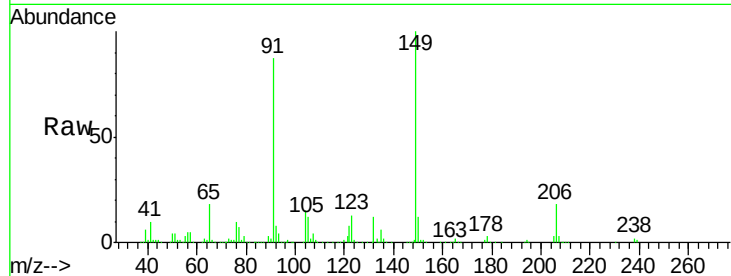
#79
Butylbenzylphthalate
Concen: 52.68 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	510679		
91	87.0	60.0	90.0	
206	17.6	16.2	24.4	

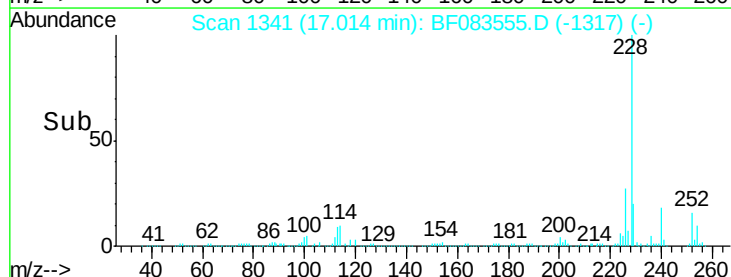
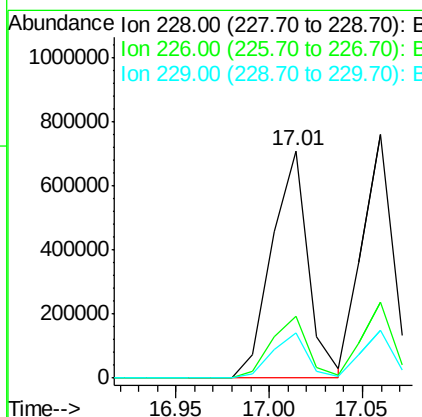
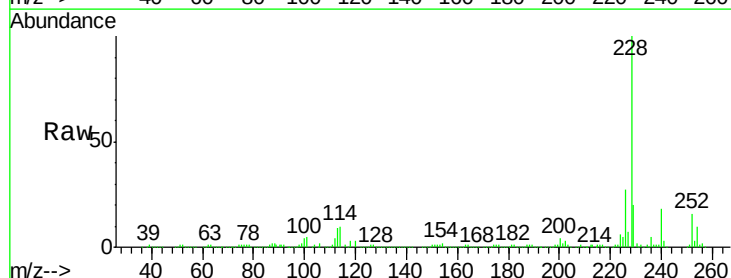
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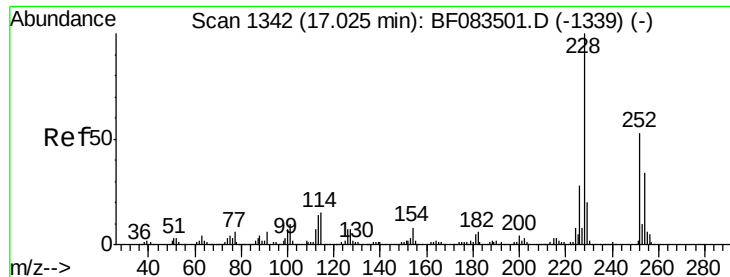
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#80
Benzo(a)anthracene
Concen: 49.79 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	959918		
226	27.3	22.3	33.5	
229	19.9	15.7	23.5	





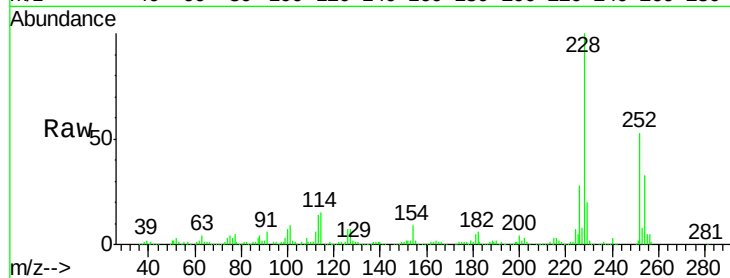
#81
 3,3'-Dichlorobenzidine
 Concen: 46.43 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

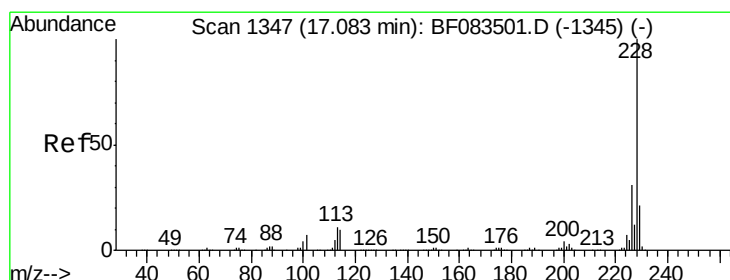
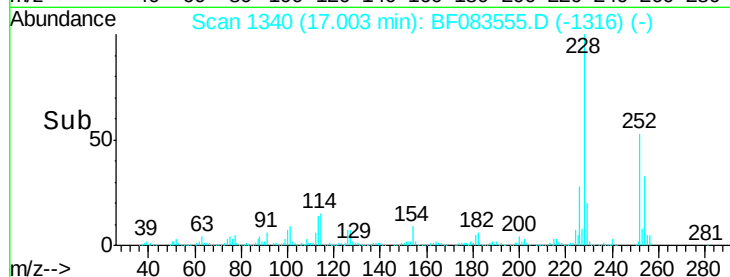
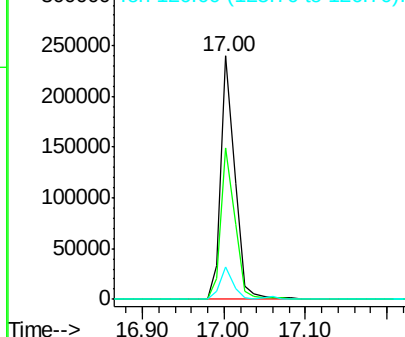
Tot Ion	Ratio	Resp	Lower	Upper
252	100	286313		
254	62.4	50.6	76.0	
126	13.5	11.0	16.4	

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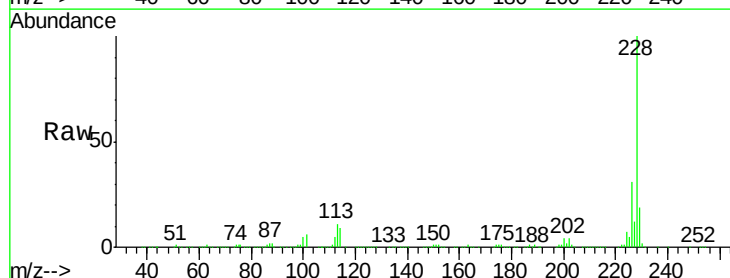


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

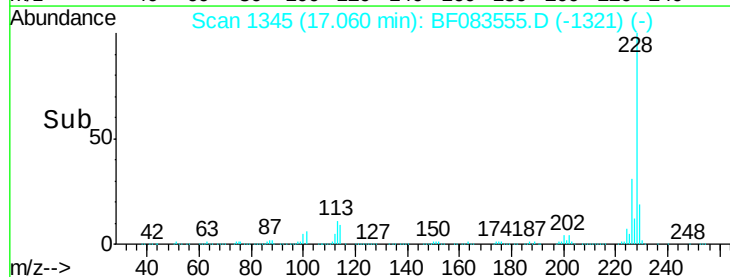
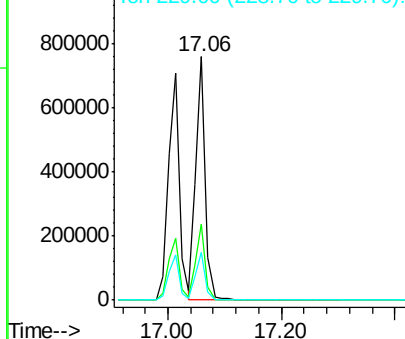


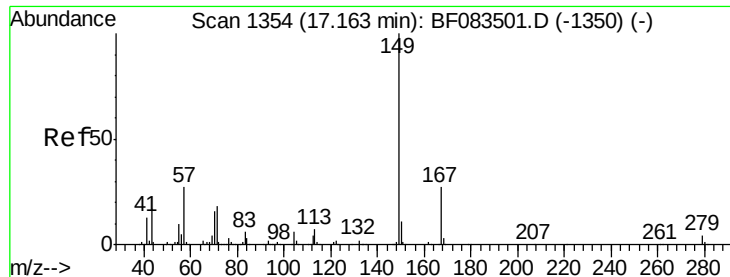
#82
 Chrysene
 Concen: 45.84 ng
 RT: 17.06 min Scan# 1345
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	880497		
226	31.3	24.7	37.1	
229	19.4	16.3	24.5	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.71 ng

RT: 17.14 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

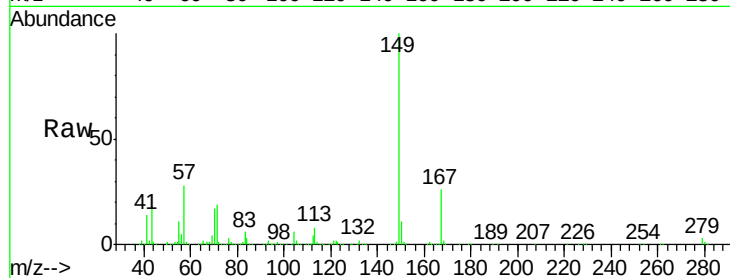
ClientSampleId :

K207-64-65MSD

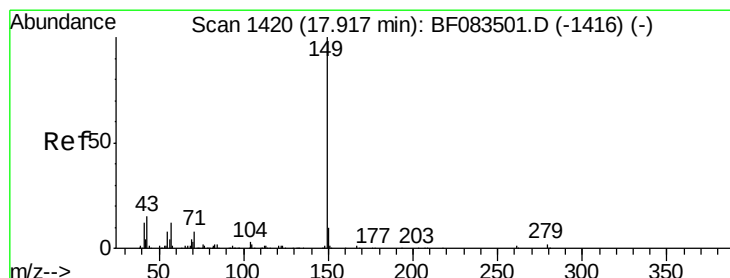
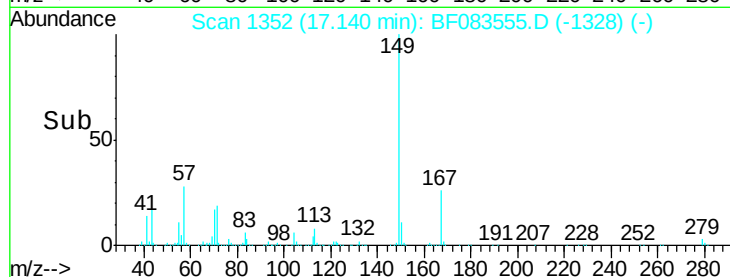
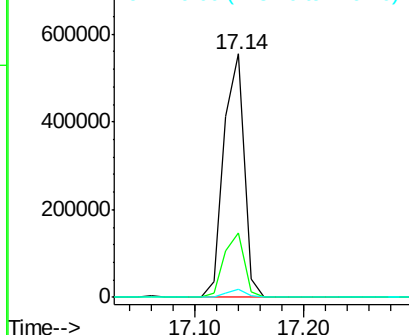
Tot Ion:	149	Resp:	721425
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.8	32.8
279	3.5	3.0	4.4

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



#84

Di-n-octyl phthalate

Concen: 62.61 ng

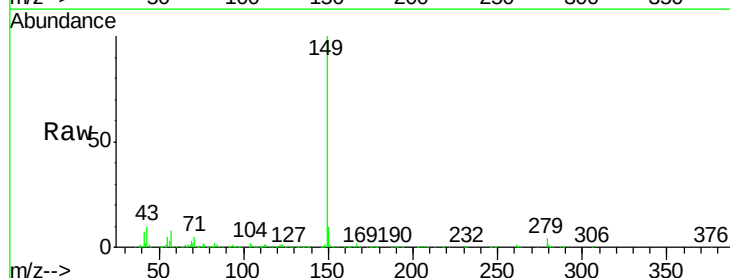
RT: 17.91 min Scan# 1419

Delta R.T. -0.01 min

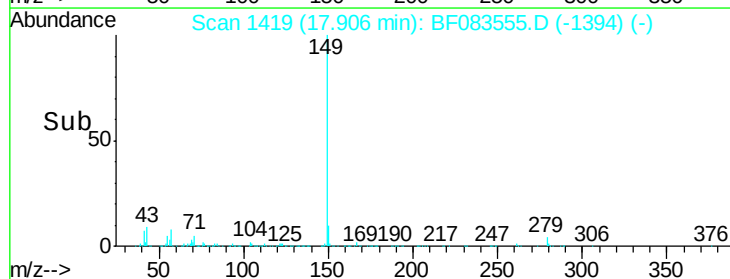
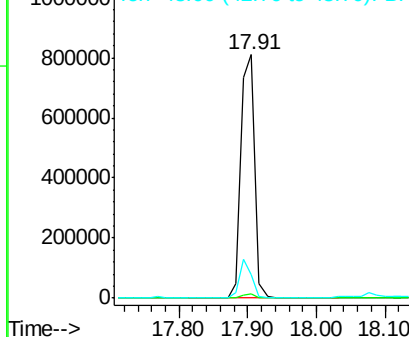
Lab File: BF083555.D

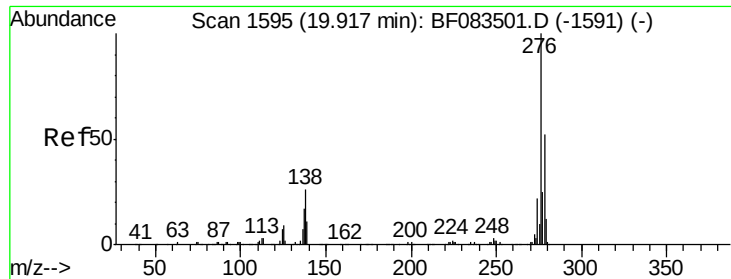
Acq: 7 Dec 2015 11:18

Tgt Ion:	149	Resp:	1135842
Ion Ratio		Lower	Upper
149	100		
167	1.8	0.0	0.0#
43	13.4	0.0	0.0#



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





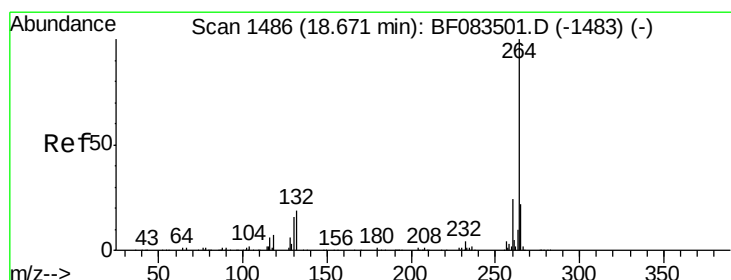
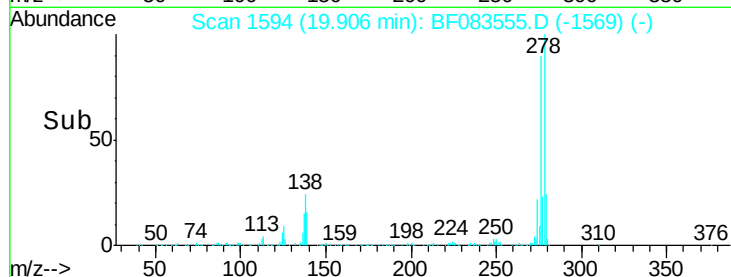
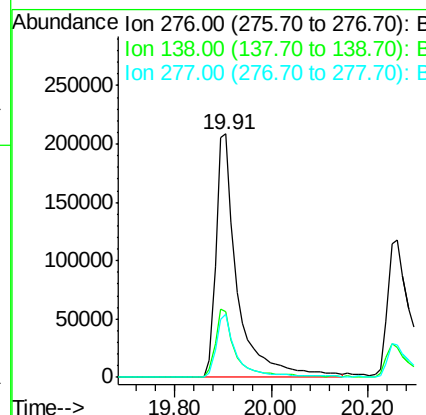
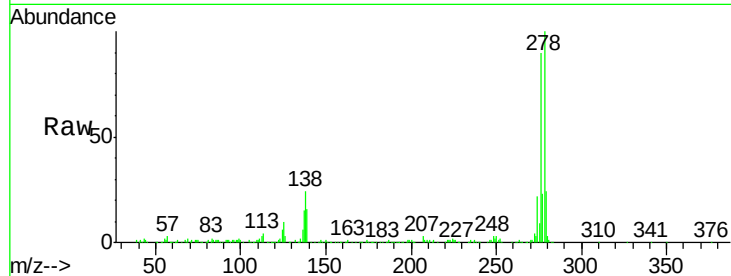
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.93 ng
 RT: 19.91 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	24.6	0.0	0.0#

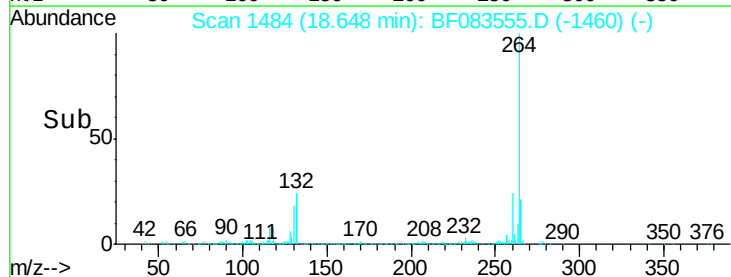
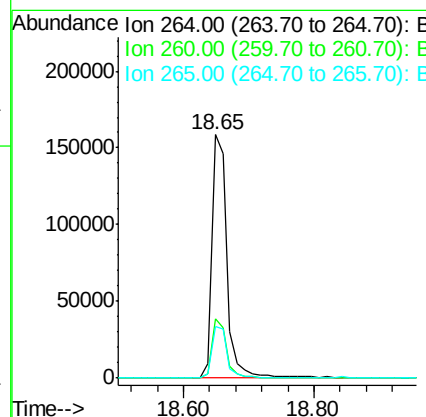
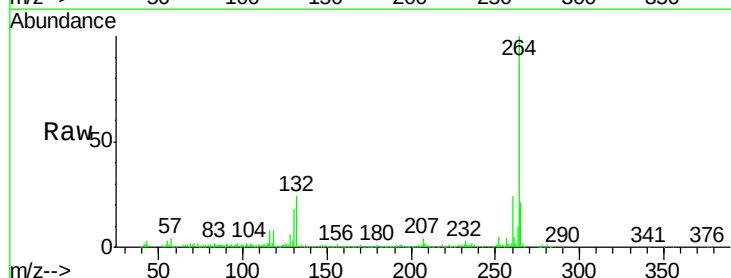
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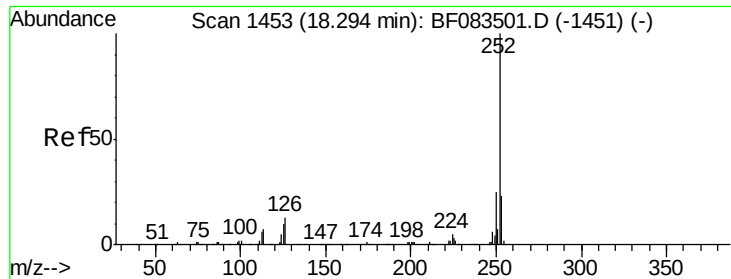
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.1	17.8	26.6





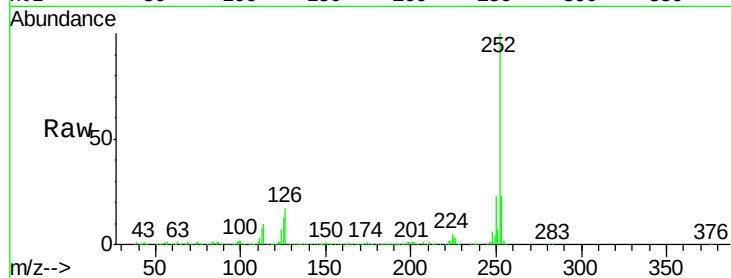
#87
Benzo(b)fluoranthene
Concen: 64.18 ng m
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :
K207-64-65MSD

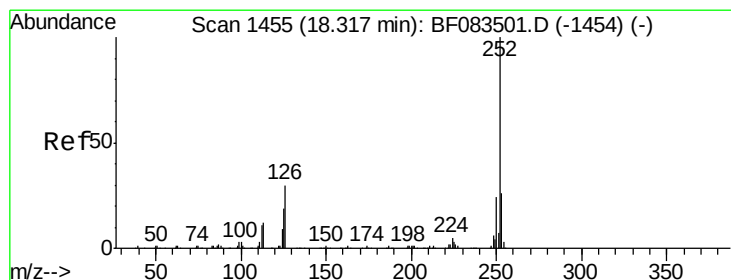
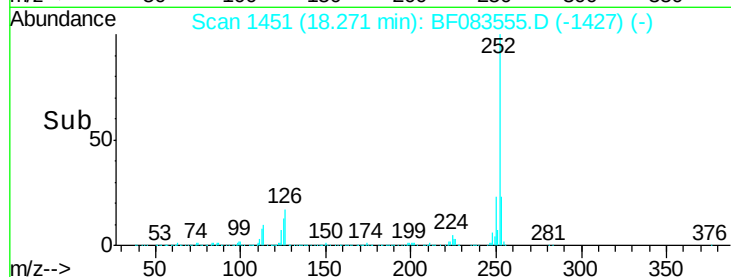
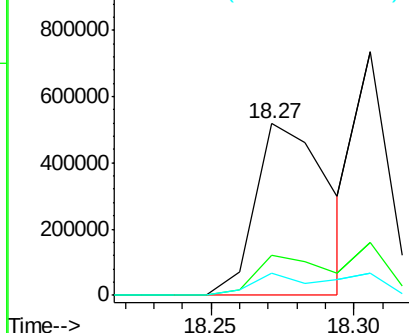
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.7	8.2	12.4

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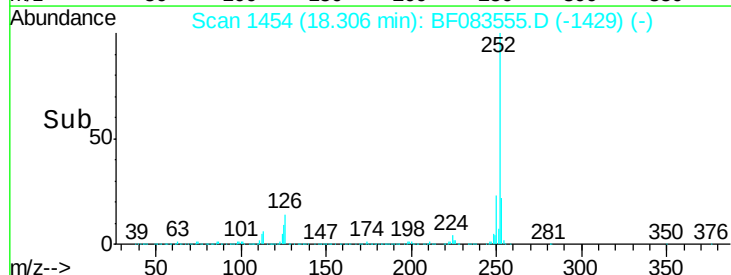
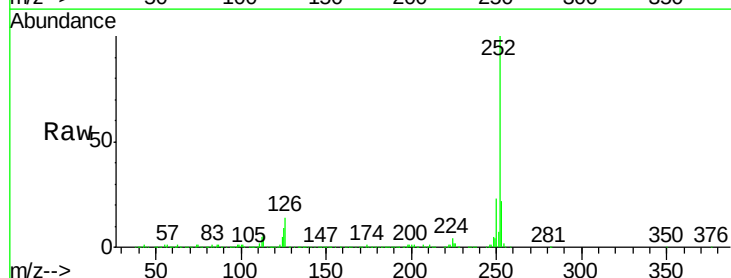
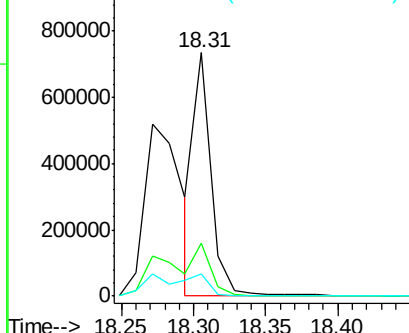
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

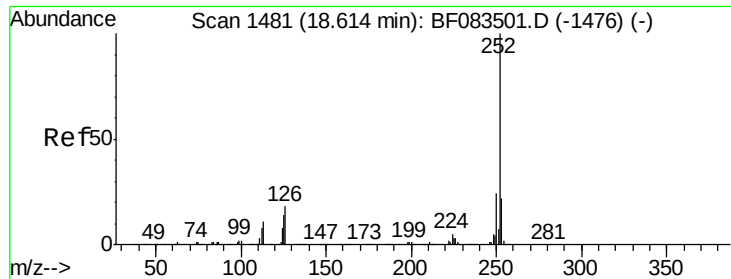


#88
Benzo(k)fluoranthene
Concen: 41.84 ng m
RT: 18.31 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	9.3	11.5	17.3

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





#89

Benzo(a)pyrene

Concen: 50.41 ng

RT: 18.60 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

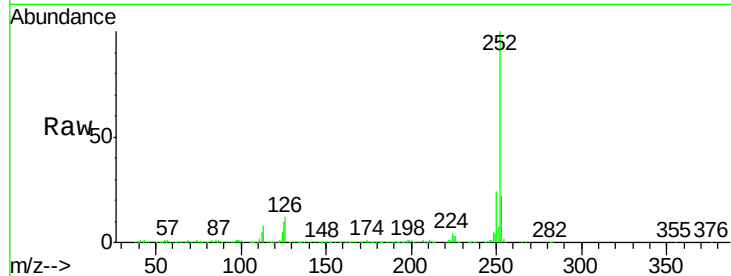
ClientSampleId :

K207-64-65MSD

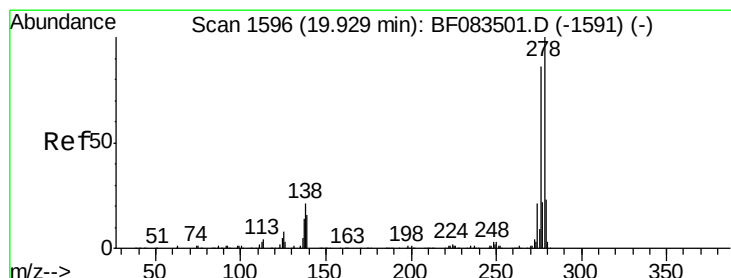
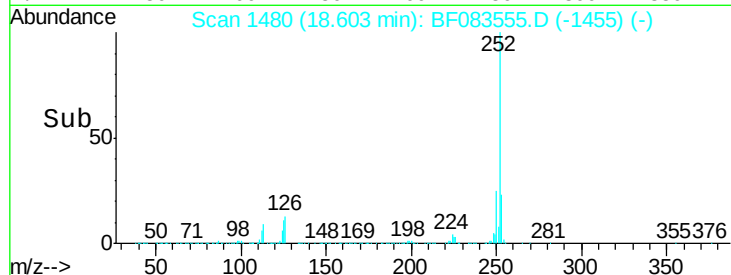
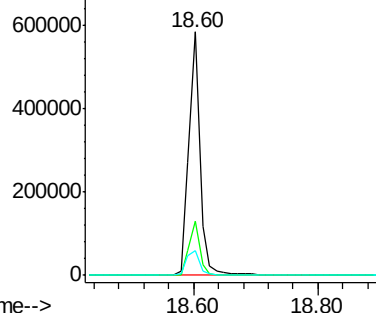
Tot Ion:	252	Resp:	708077
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	9.9	11.0	16.6

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



#90

Dibenzo(a,h)anthracene

Concen: 42.78 ng

RT: 19.91 min Scan# 1594

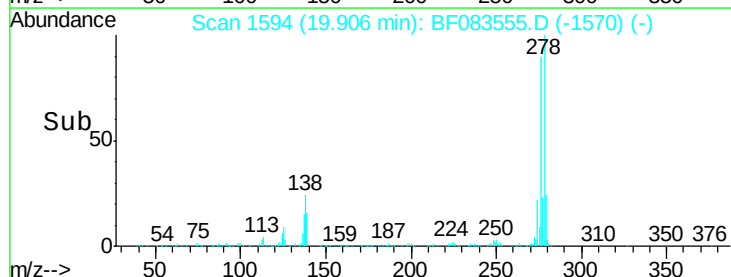
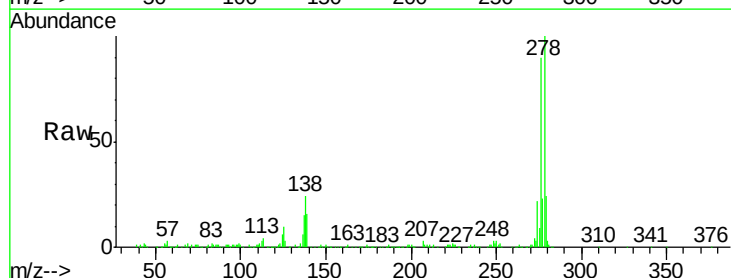
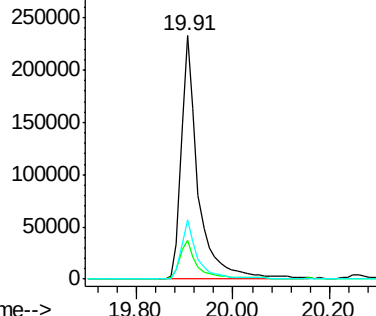
Delta R.T. -0.02 min

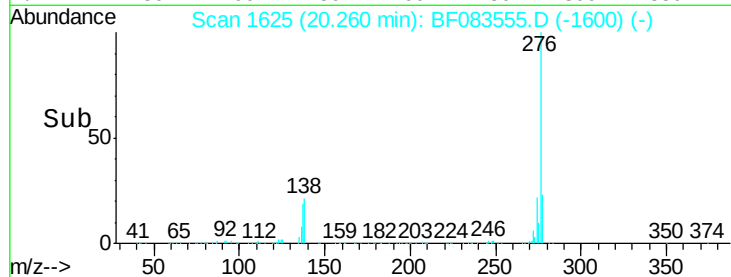
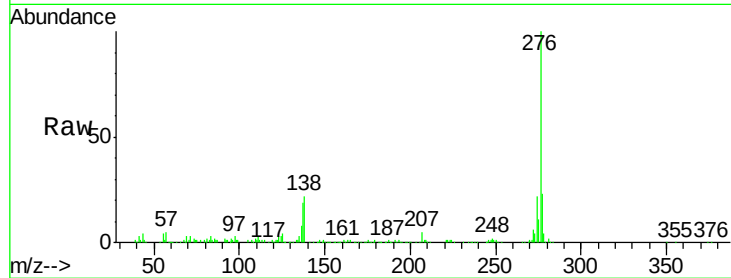
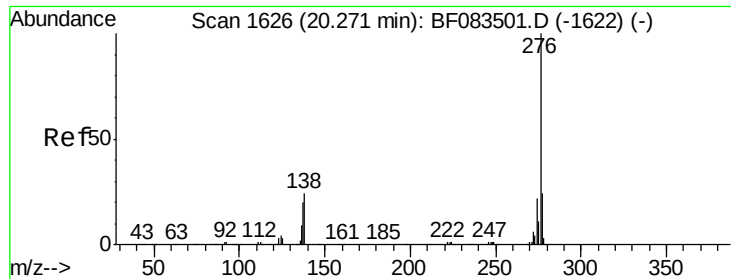
Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:	278	Resp:	578193
Ion Ratio	Lower	Upper	
278	100		
139	16.1	12.8	19.2
279	24.4	18.6	28.0

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





#91
 Benzo(a,h,i)perylene
 Concen: 33.50 ng
 RT: 20.26 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	19.2	28.8
138	21.6	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:47 PM

