

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082371.D
 Acq On : 19 Oct 2015 22:42
 Operator : UM/IZ
 Sample : G3975-10MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Manual Integrations
 APPROVED

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 10/20/2015 6:25:51 PM

Quant Time: Oct 20 03:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95341	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	364669	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	186875	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	353370	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	323005	20.00	ng	-0.03
86) Perylene-d12	15.61	264	253452	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	383455	81.17	ng	0.00
7) Phenol-d6	6.45	99	321088	52.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	619827	114.14	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	216444	123.50	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1160735	103.01	ng	0.00
78) Terphenyl-d14	12.94	244	1194330	97.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	46222	19.47	ng	95
3) Pyridine	3.11	79	96869	17.55	ng	98
4) n-Nitrosodimethylamine	3.05	42	49057	20.95	ng	99
6) Aniline	6.47	93	134216	16.93	ng	# 90
8) 2-Chlorophenol	6.59	128	223794	38.81	ng	98
9) Benzaldehyde	6.34	77	133452	42.51	ng	91
10) Phenol	6.46	94	120092	16.94	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	253921	42.36	ng	90
12) 1,3-Dichlorobenzene	6.74	146	304588	45.35	ng	96
13) 1,4-Dichlorobenzene	6.82	146	304060	43.35	ng	96
14) 1,2-Dichlorobenzene	6.97	146	287511	43.17	ng	97
15) Benzyl Alcohol	6.95	79	149450	35.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	370392	44.38	ng	80
17) 2-Methylphenol	7.07	107	158538	34.76	ng	# 92
18) Hexachloroethane	7.31	117	112764	46.97	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	194371	45.02	ng	# 86
20) 3+4-Methylphenols	7.23	107	177054	32.58	ng	# 62
22) Acetophenone	7.22	105	399401	55.37	ng	# 86
24) Nitrobenzene	7.39	77	267463	45.50	ng	100
25) Isophorone	7.63	82	530697	48.42	ng	99
26) 2-Nitrophenol	7.71	139	158536	54.02	ng	98
27) 2,4-Dimethylphenol	7.76	122	230689	48.79	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	342473	53.70	ng	99
29) 2,4-Dichlorophenol	7.97	162	240866	50.96	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	258281	47.41	ng	97
31) Naphthalene	8.11	128	746966	47.25	ng	99
32) Benzoic acid	7.86	122	48637	15.33	ng	90
33) 4-Chloroaniline	8.17	127	90590	13.80	ng	98
34) Hexachlorobutadiene	8.23	225	152317	44.87	ng	98
35) Caprolactam	8.55	113	13280	9.68	ng	# 76
36) 4-Chloro-3-methylphenol	8.66	107	225118	48.70	ng	98
37) 2-Methylnaphthalene	8.81	142	587868	53.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	260099	46.79	ng	98
40) Hexachlorocyclopentadiene	8.96	237	186815	67.83	ng	98

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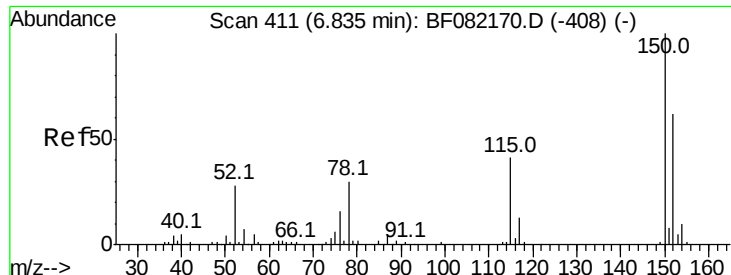
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	179260	48.56	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	189588	47.41	nq	98
45) 1,1'-Biphenyl	9.28	154	708468	49.72	nq	96
46) 2-Chloronaphthalene	9.30	162	561685	50.07	nq	96
47) 2-Nitroaniline	9.41	65	148356	48.17	nq	90
48) Acenaphthylene	9.71	152	766750	43.88	nq	100
49) Dimethylphthalate	9.59	163	687805	52.27	nq	99
50) 2,6-Dinitrotoluene	9.65	165	135310	48.73	nq	# 62
51) Acenaphthene	9.89	154	469994	44.80	nq	100
52) 3-Nitroaniline	9.82	138	49625	15.82	nq	84
53) 2,4-Dinitrophenol	9.93	184	133752	85.71	nq	92
54) Dibenzofuran	10.06	168	698941	48.53	nq	94
55) 4-Nitrophenol	10.00	139	56111	33.46	nq	# 71
56) 2,4-Dinitrotoluene	10.06	165	198877	57.31	nq	96
57) Fluorene	10.40	166	575250	48.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	151495	46.36	nq	# 96
59) Diethylphthalate	10.29	149	668461	54.50	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	294670	54.38	nq	# 87
61) 4-Nitroaniline	10.45	138	137783	45.29	nq	93
62) Azobenzene	10.56	77	644404	53.68	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	100986	50.92	nq	93
65) n-Nitrosodiphenylamine	10.53	169	543484	51.37	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	173545	49.07	nq	# 88
67) Hexachlorobenzene	10.95	284	168737	44.12	nq	# 68
68) Atrazine	11.05	200	173990	51.91	nq	99
69) Pentachlorophenol	11.15	266	184497	93.74	nq	97
70) Phenanthrene	11.37	178	920078	53.12	nq	100
71) Anthracene	11.42	178	877977	49.19	nq	98
72) Carbazole	11.58	167	781019	47.97	nq	99
73) Di-n-butylphthalate	11.91	149	1015601	50.56	nq	100
74) Fluoranthene	12.56	202	903927	48.59	nq	98
76) Benzidine	12.70	184	252019	26.92	nq	98
77) Pyrene	12.79	202	921847	48.09	nq	99
79) Butylbenzylphthalate	13.44	149	472523	54.02	nq	# 85
80) Benzo(a)anthracene	14.05	228	816483	48.58	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	158184	24.80	nq	# 98
82) Chrysene	14.09	228	764580	43.18	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	596233	47.77	nq	# 98
84) Di-n-octyl phthalate	14.73	149	1066164	49.74	nq	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	668692	47.51	nq	98
87) Benzo(b)fluoranthene	15.19	252	866884m	56.22	nq	
88) Benzo(k)fluoranthene	15.22	252	521866m	40.26	nq	
89) Benzo(a)pyrene	15.56	252	650841	49.11	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	563990	51.93	nq	99
91) Benzo(g,h,i)perylene	17.48	276	561681	53.24	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

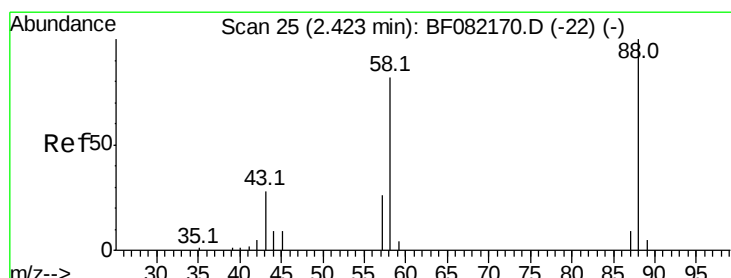
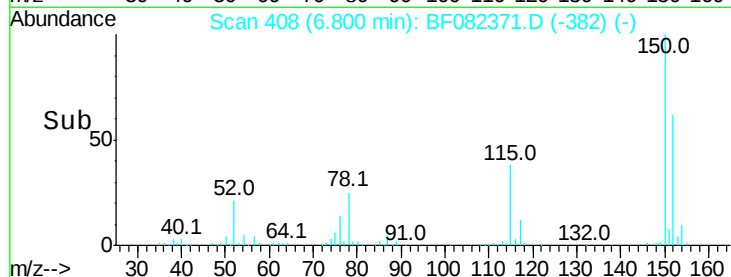
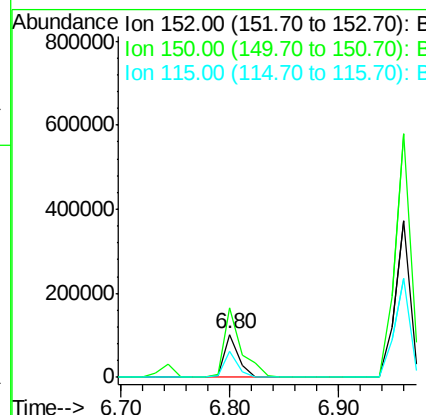
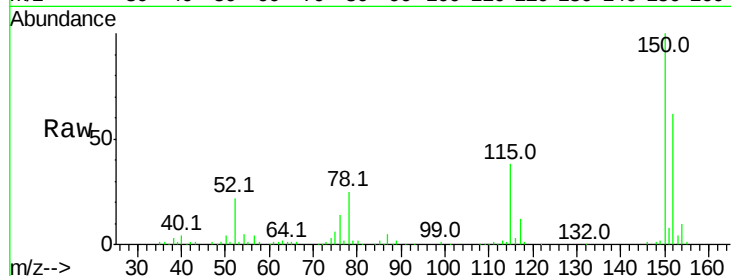
ClientSampleId :

PX3MSD

Tot Ion:	152	Resp:	95341
Ion Ratio	Lower	Upper	
152	100		
150	161.8	129.0	193.4
115	61.0	52.1	78.1

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#2

1,4-Dioxane

Concen: 19.47 ng

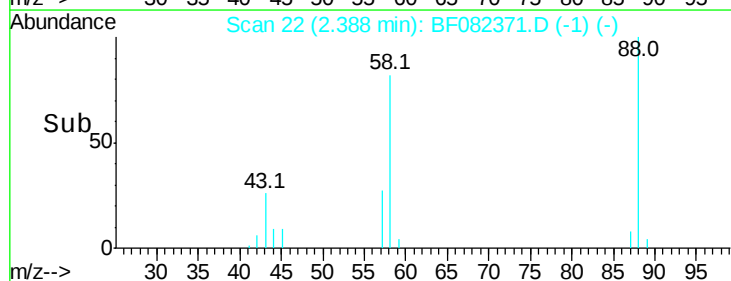
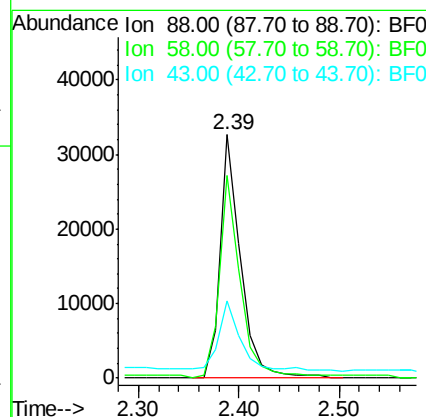
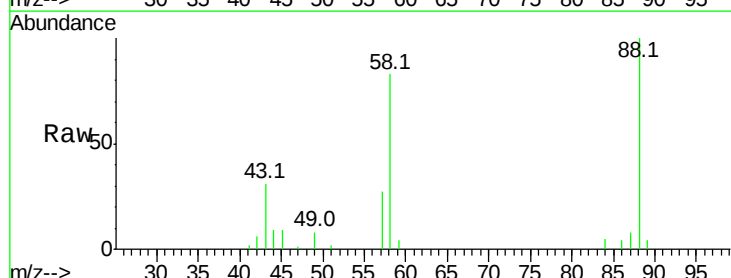
RT: 2.39 min Scan# 22

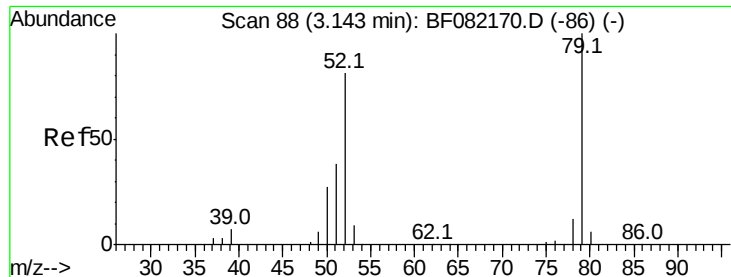
Delta R.T. 0.05 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	88	Resp:	46222
Ion Ratio	Lower	Upper	
88	100		
58	86.7	66.2	99.4
43	31.6	23.0	34.4





#3

Pvridine

Concen: 17.55 ng

RT: 3.11 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

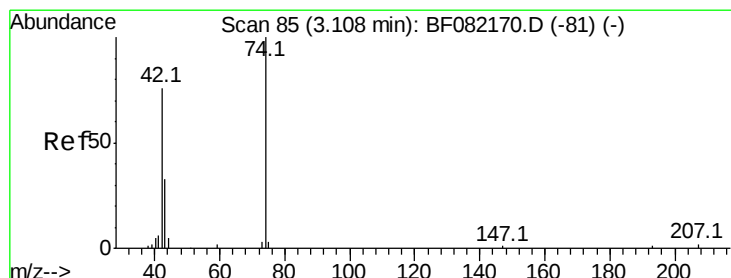
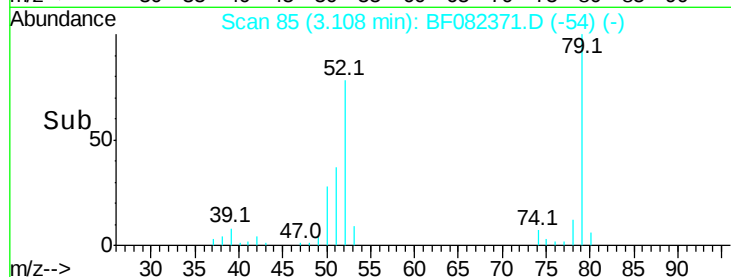
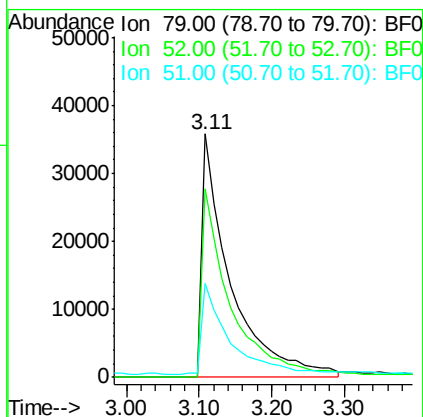
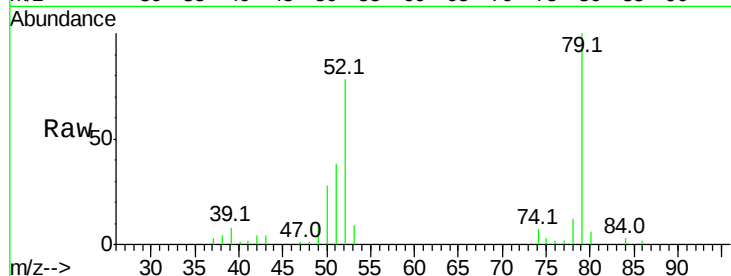
ClientSampleId :

PX3MSD

Tot Ion:	79	Resp:	96869
Ion Ratio	Lower	Upper	
79	100		
52	77.5	64.4	96.6
51	38.5	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 20.95 ng

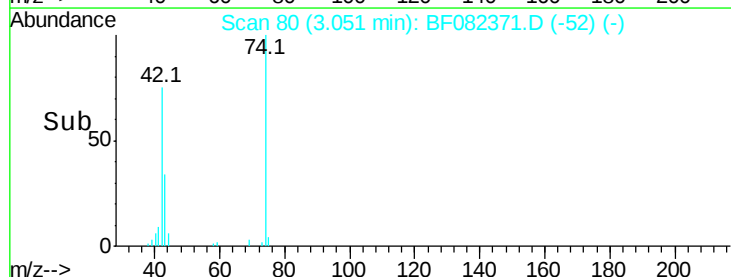
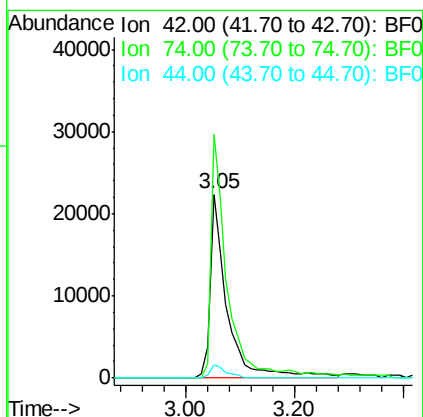
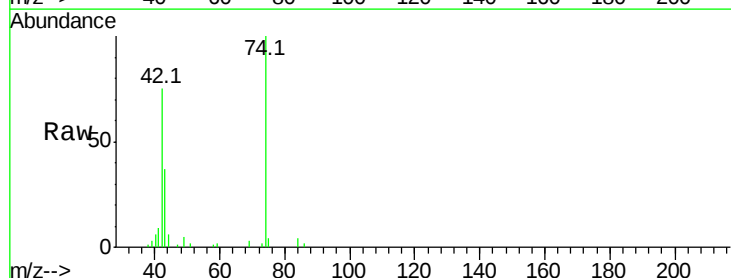
RT: 3.05 min Scan# 80

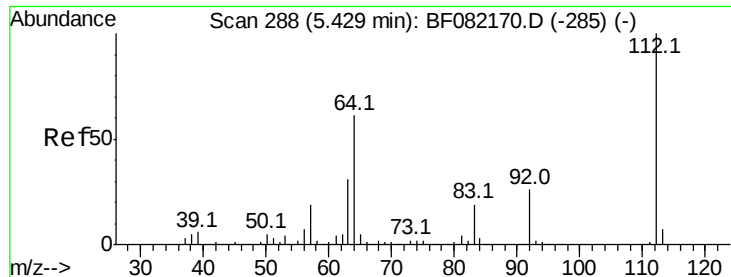
Delta R.T. 0.02 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	42	Resp:	49057
Ion Ratio	Lower	Upper	
42	100		
74	132.7	105.7	158.5
44	7.4	5.4	8.2





#5

2-Fluorophenol

Concen: 81.17 ng

RT: 5.39 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

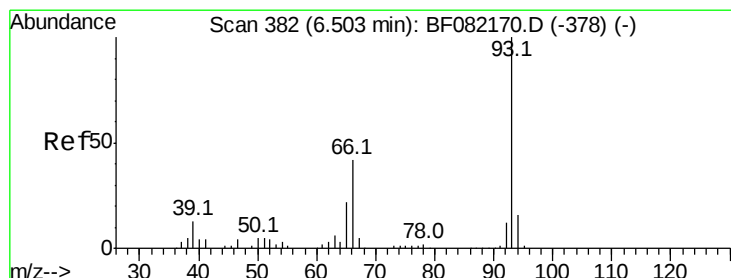
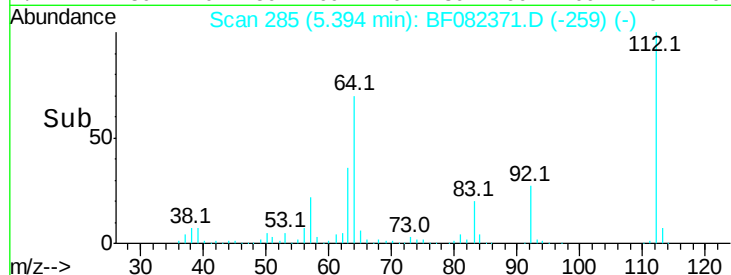
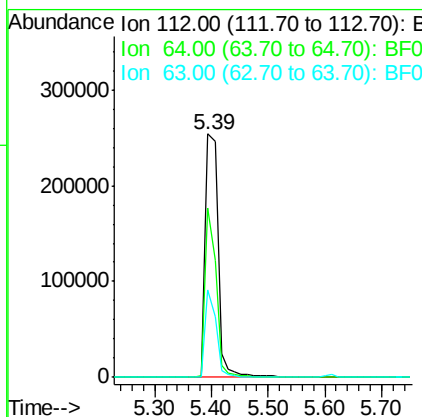
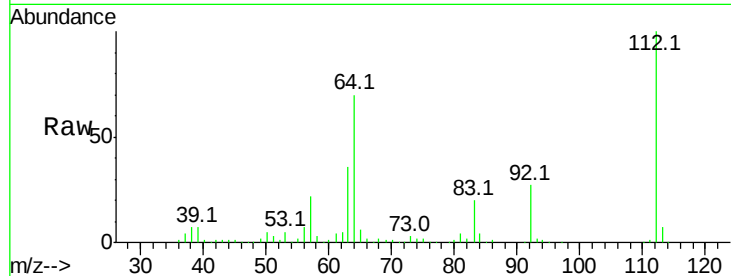
ClientSampleId :

PX3MSD

Tot Ion:	112	Resp:	383455
Ion Ratio	Lower	Upper	
112	100		
64	69.5	48.6	73.0
63	36.2	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 16.93 ng

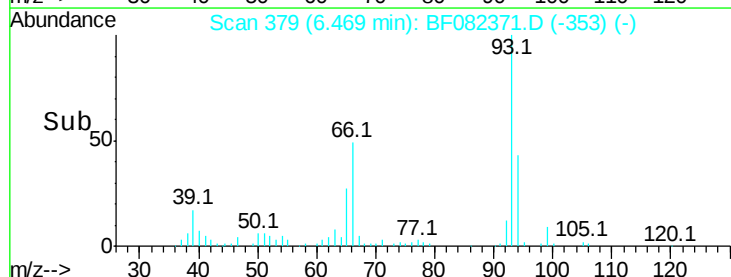
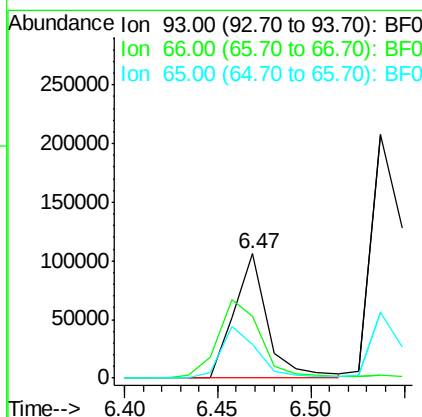
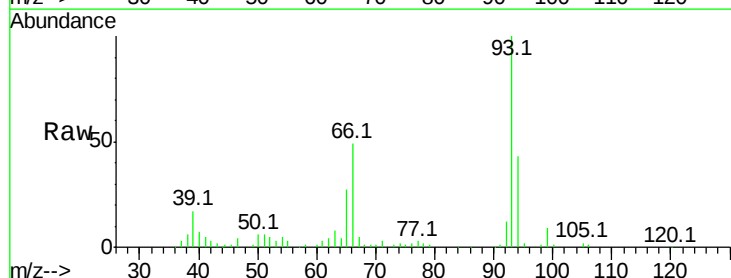
RT: 6.47 min Scan# 379

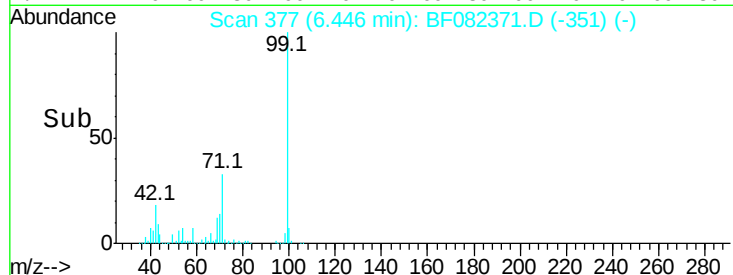
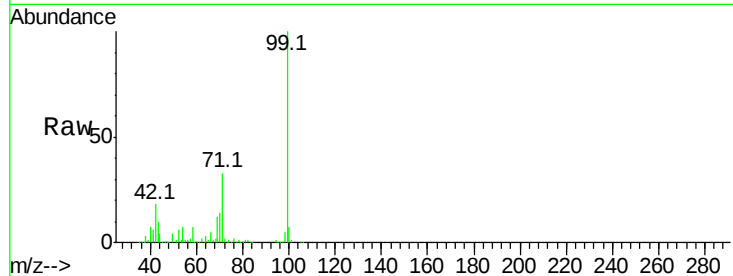
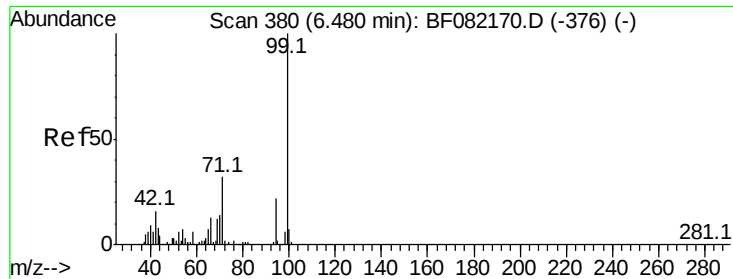
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	93	Resp:	134216
Ion Ratio	Lower	Upper	
93	100		
66	49.2	34.2	51.2
65	27.1	17.9	26.9#





#7

Phenol-d6

Concen: 52.23 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tot Ion:	99	Resp:	321088
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.2	19.8
71	33.4	25.6	38.4

Instrument :

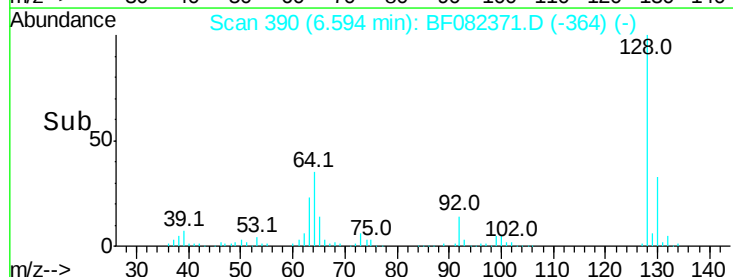
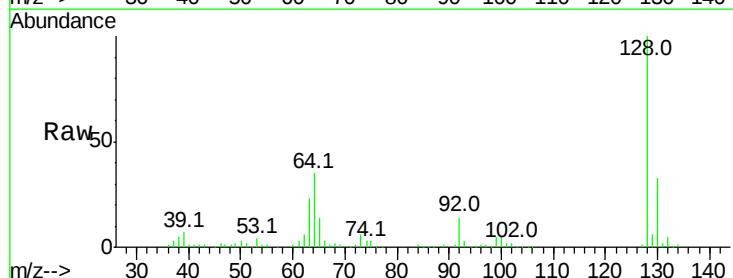
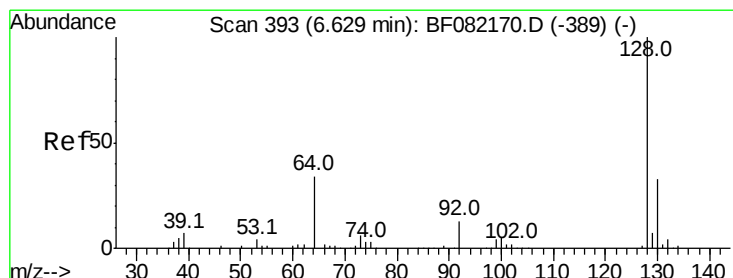
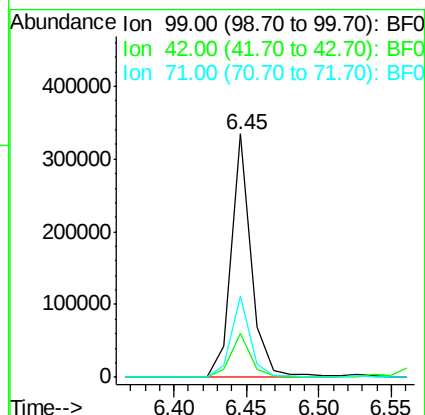
BNA_F

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#8

2-Chlorophenol

Concen: 38.81 ng

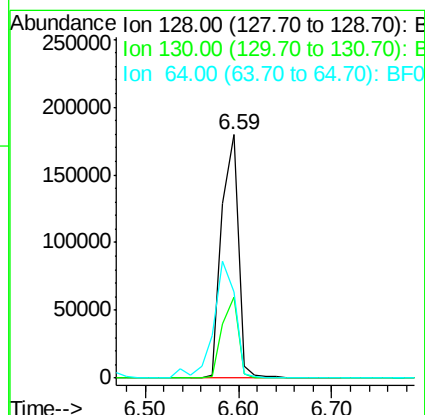
RT: 6.59 min Scan# 390

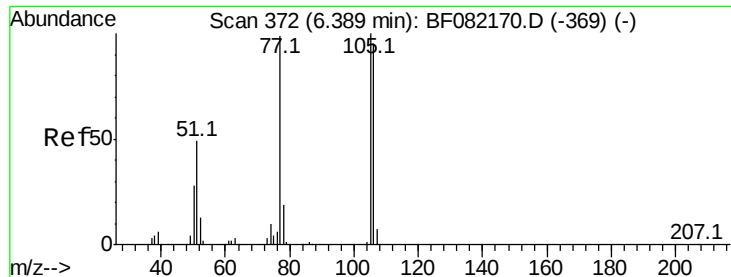
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	128	Resp:	223794
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	35.3	16.7	56.7





#9

Benzaldehyde

Concen: 42.51 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

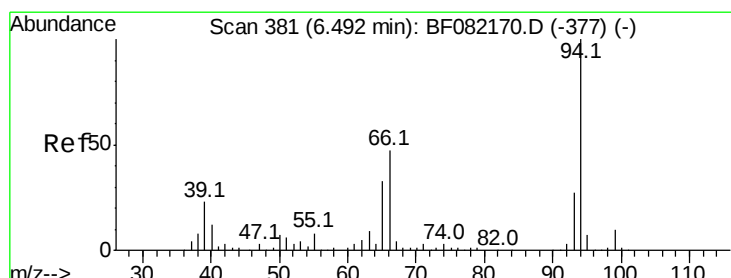
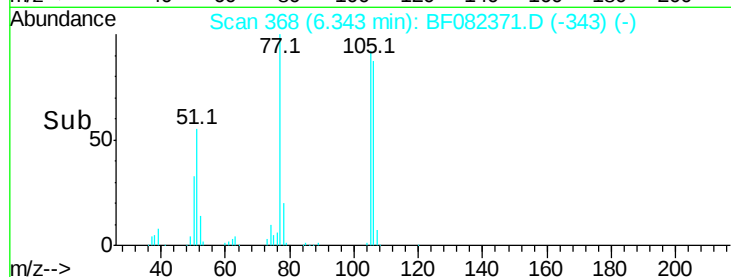
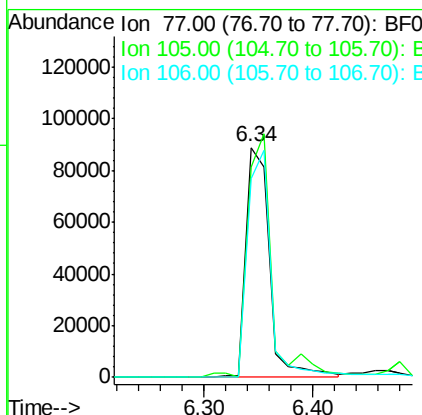
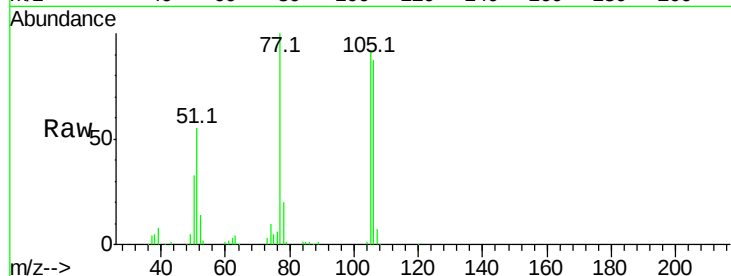
ClientSampleId :

PX3MSD

Manual Integrations
APPROVED

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10/20/2015 6:25:51 PM

Tot Ion:	77	Resp:	133452
Ion Ratio	Lower	Upper	
77	100		
105	91.6	80.6	120.6
106	86.9	75.5	115.5



#10

Phenol

Concen: 16.94 ng

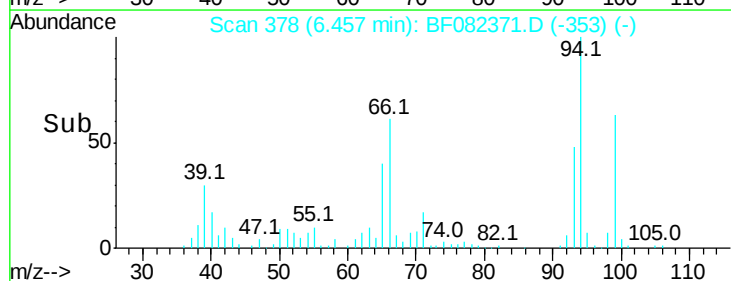
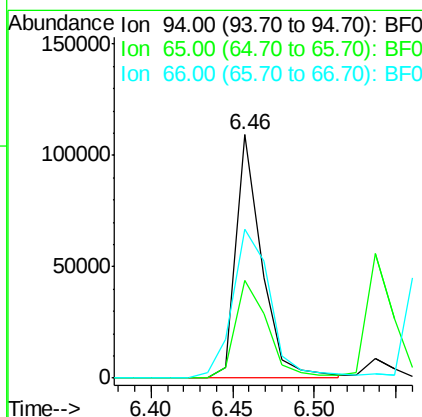
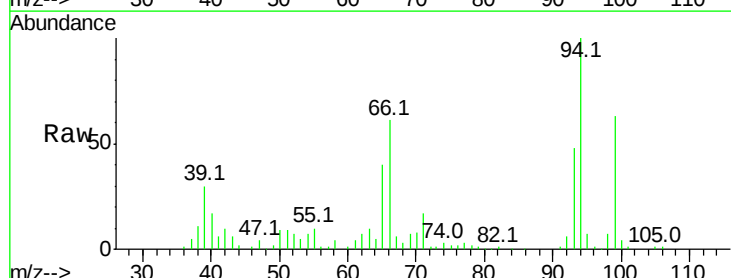
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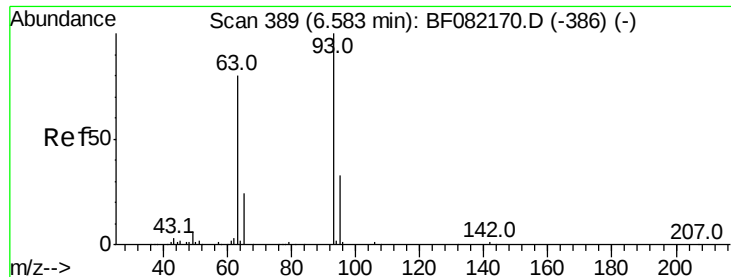
Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	94	Resp:	120092
Ion Ratio	Lower	Upper	
94	100		
65	39.9	12.6	52.6
66	61.1	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 42.36 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

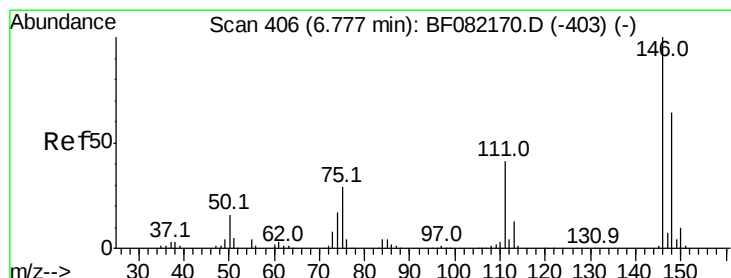
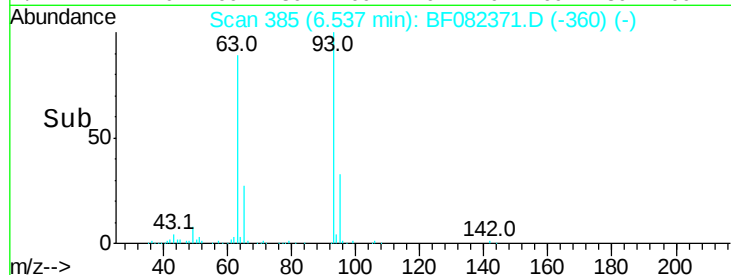
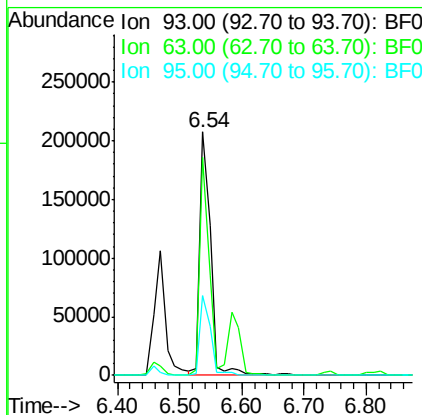
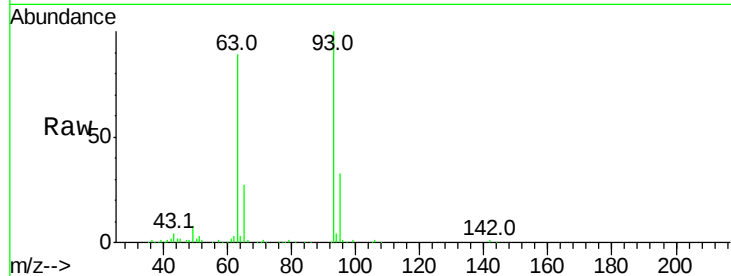
ClientSampleId :

PX3MSD

Tot Ion:	93	Resp:	253921
Ion Ratio	Lower	Upper	
93	100		
63	89.3	57.1	97.1
95	32.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 45.35 ng

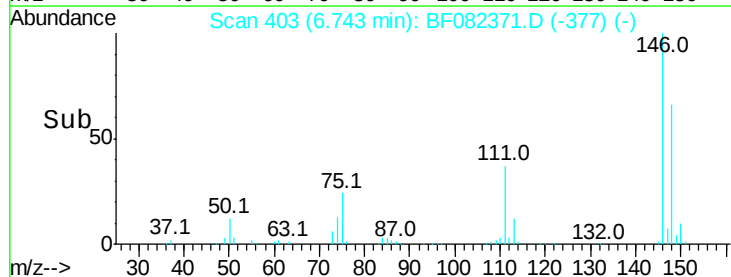
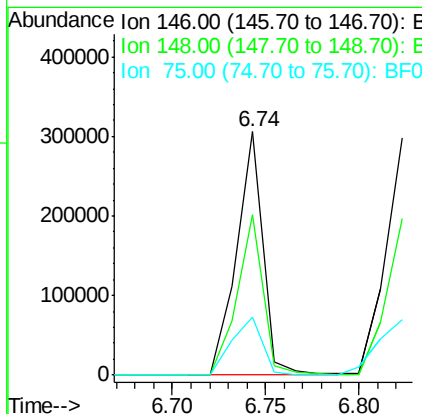
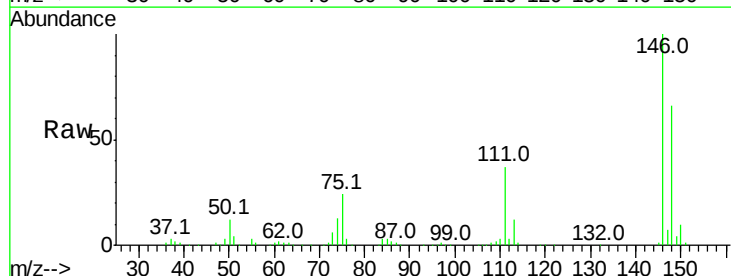
RT: 6.74 min Scan# 403

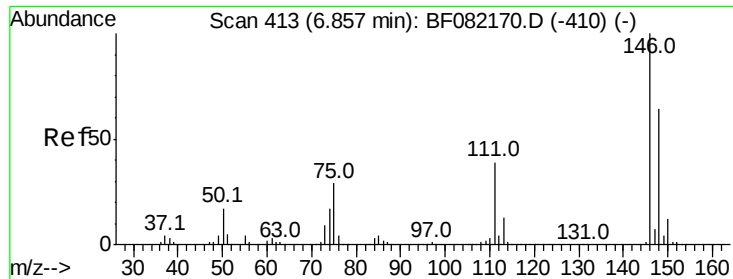
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	146	Resp:	304588
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.4	77.2
75	23.7	23.0	34.6





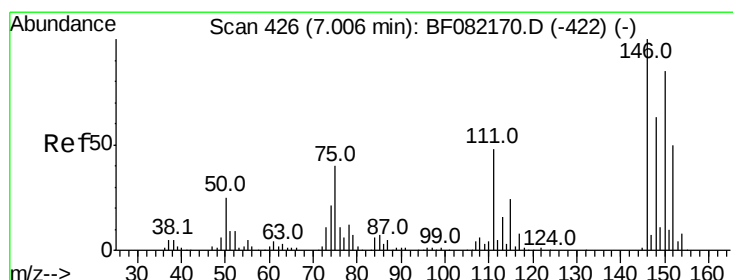
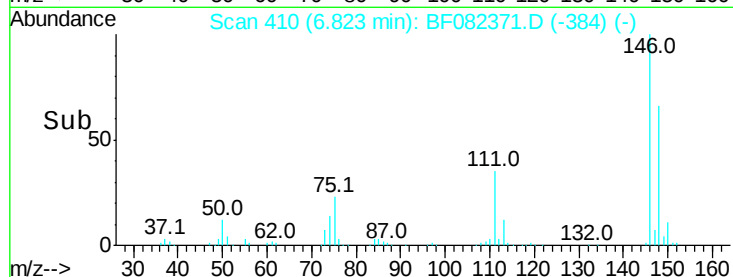
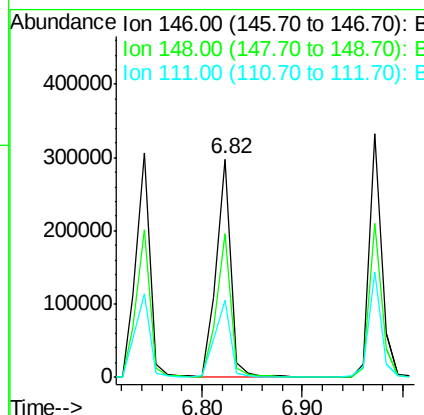
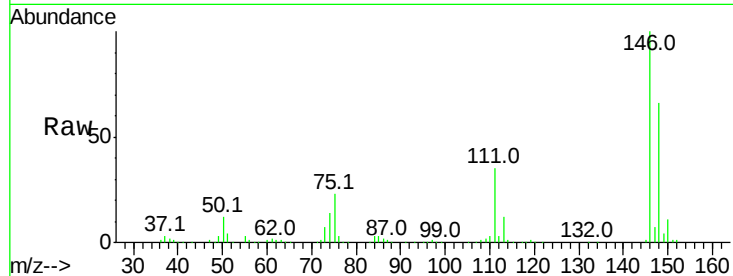
#13
 1,4-Dichlorobenzene
 Concen: 43.35 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.4
111	35.4	31.1	46.7

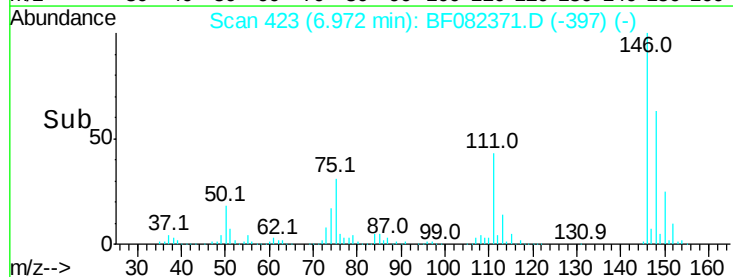
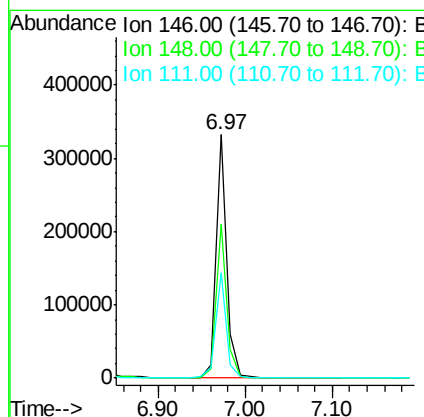
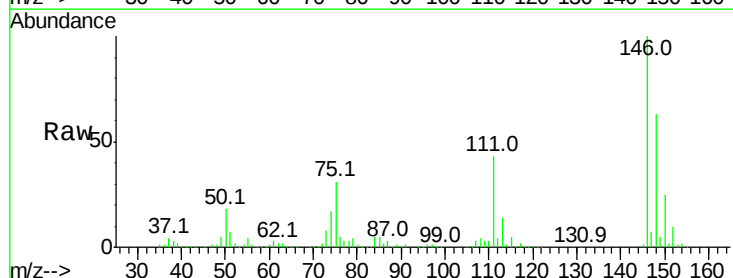
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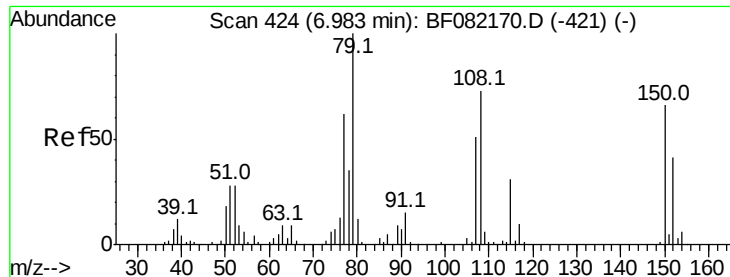
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 43.17 ng
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	43.4	38.5	57.7





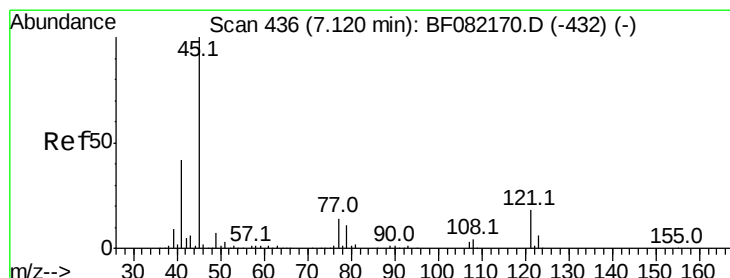
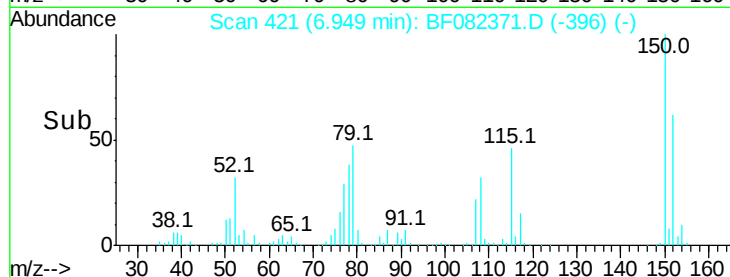
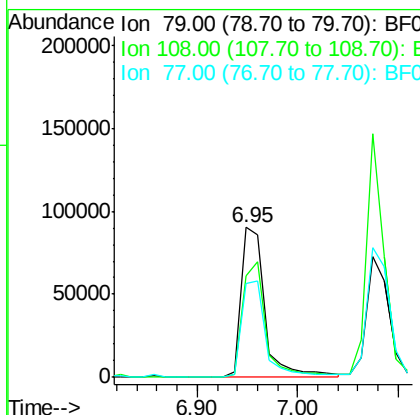
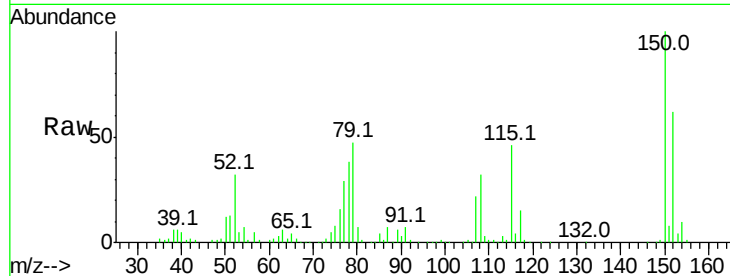
#15
Benzyl Alcohol
Concen: 35.22 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		149450		
108	68.0	58.4	87.6		
77	62.8	49.8	74.6		

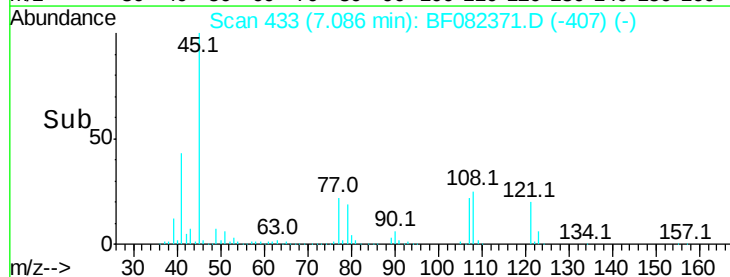
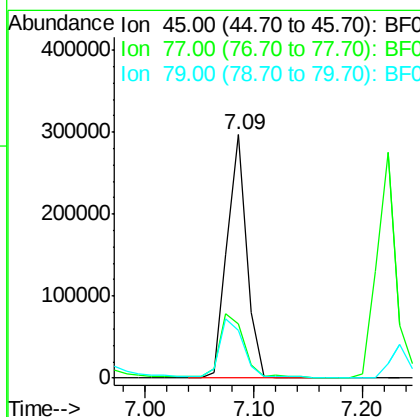
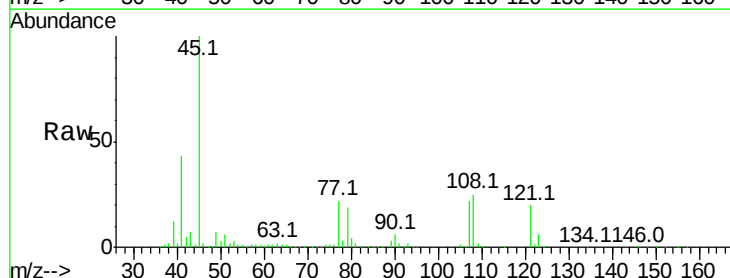
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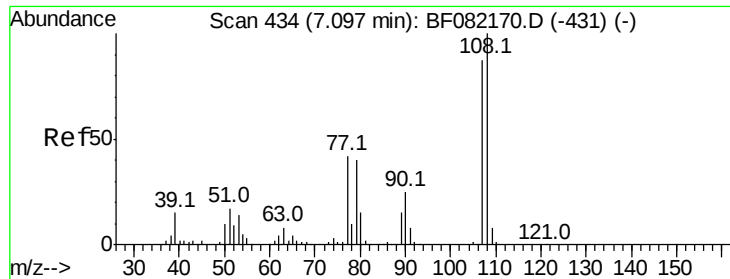
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.38 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		370392		
77	22.3	0.0	34.5		
79	19.4	0.0	31.6		





#17

2-Methylphenol

Concen: 34.76 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

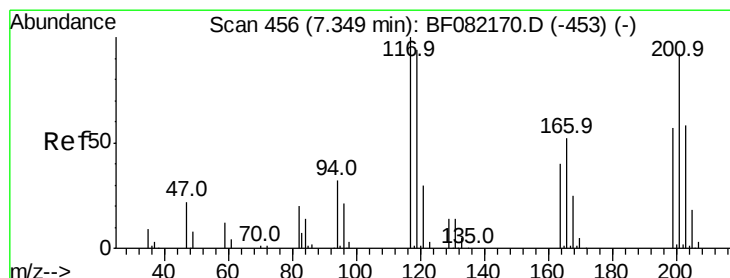
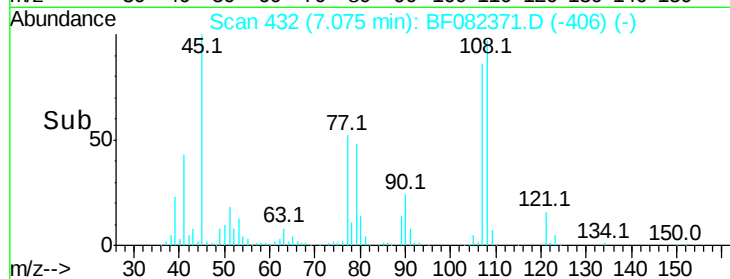
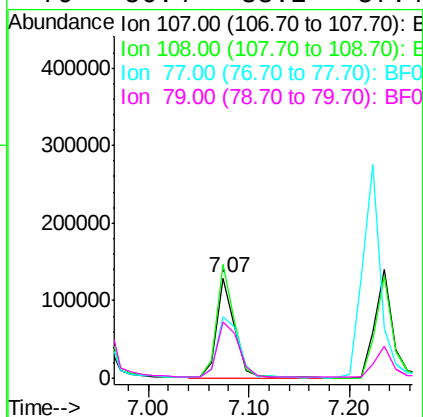
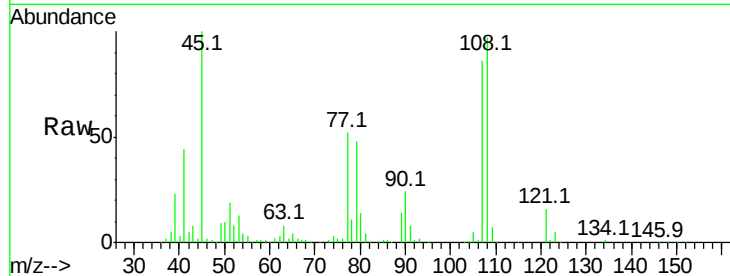
ClientSampleId :

PX3MSD

Tot Ion:	107	Resp:	158538
Ion Ratio	Lower	Upper	
107	100		
108	113.5	92.2	138.2
77	60.7	39.6	59.4
79	56.4	38.2	57.4

Manual Integrations
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#18

Hexachloroethane

Concen: 46.97 ng

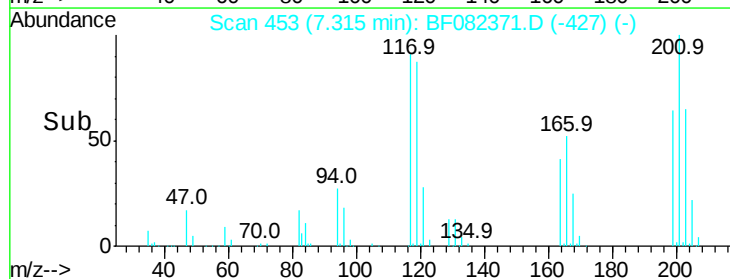
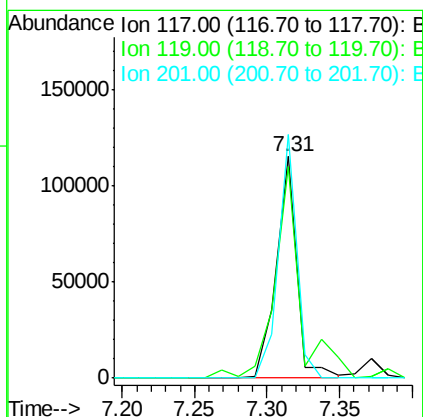
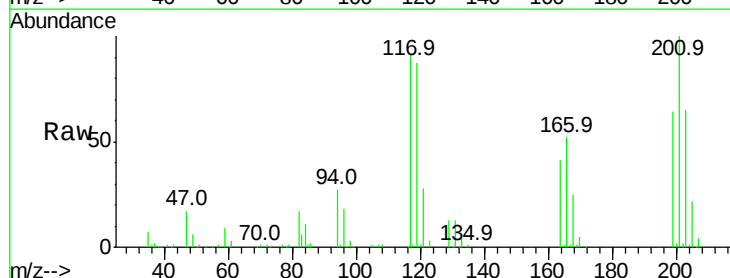
RT: 7.31 min Scan# 453

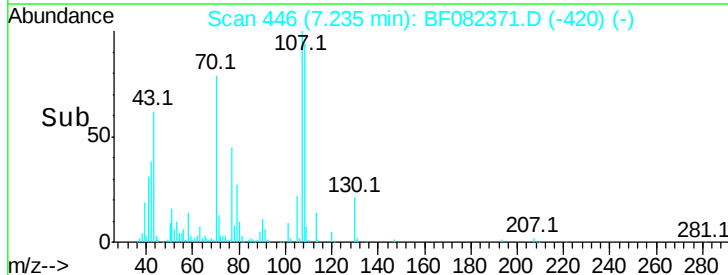
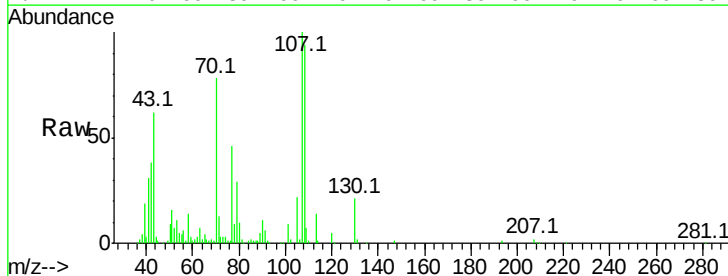
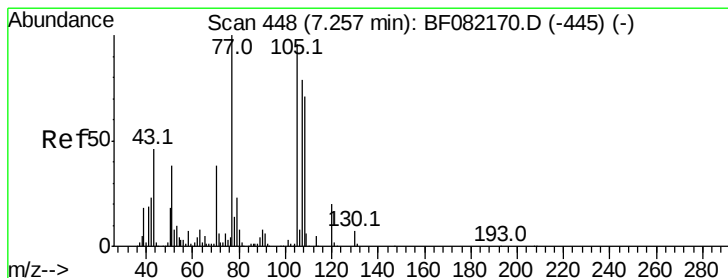
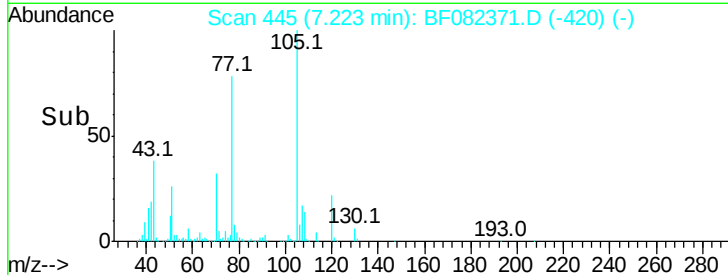
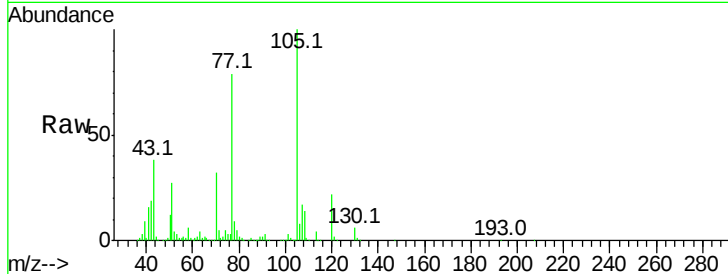
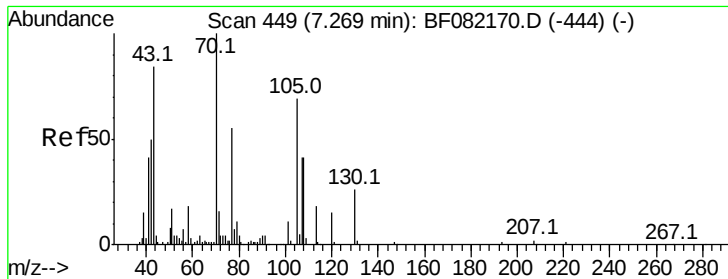
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	117	Resp:	112764
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.4	113.2
201	109.8	73.4	110.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.02 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

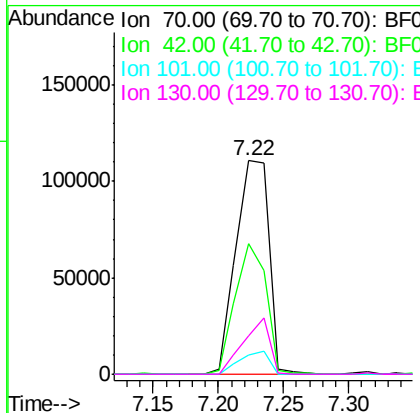
PX3MSD

Tot Ion: 70 Resp: 194371
Ion Ratio Lower Upper

70	100		
42	61.3	39.8	59.8#
101	9.2	8.6	13.0
130	18.2	20.5	30.7#

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#20

3+4-Methylphenols

Concen: 32.58 ng

RT: 7.23 min Scan# 446

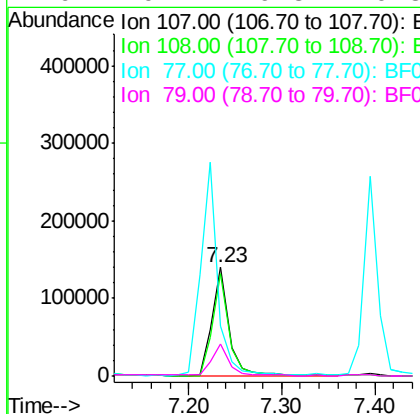
Delta R.T. 0.00 min

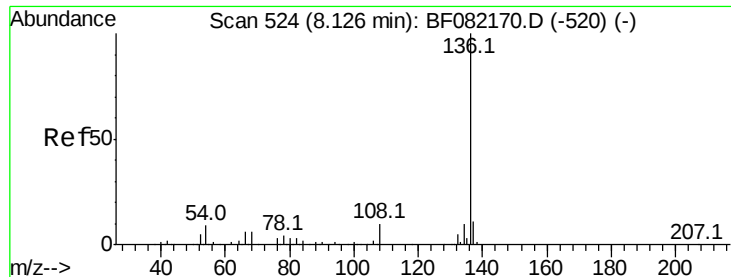
Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:107 Resp: 177054
Ion Ratio Lower Upper

107	100		
108	94.3	69.9	109.9
77	46.0	106.0	146.0#
79	29.4	9.8	49.8





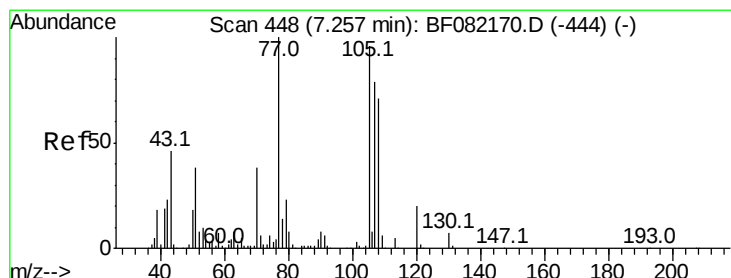
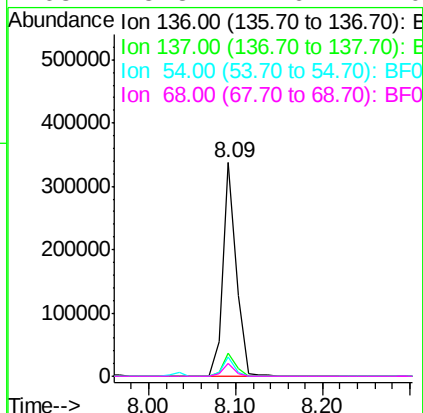
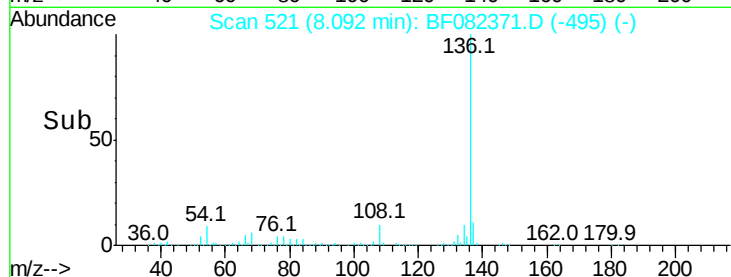
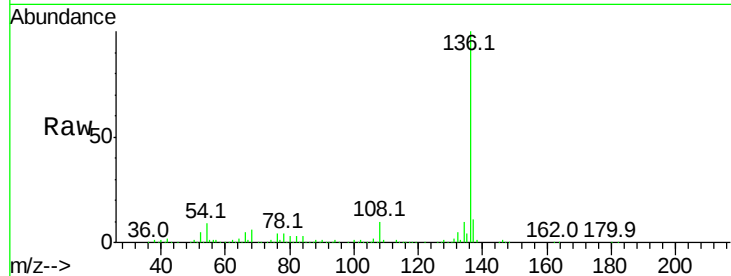
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.6	
54	9.1	7.5	11.3	
68	5.8	4.6	7.0	

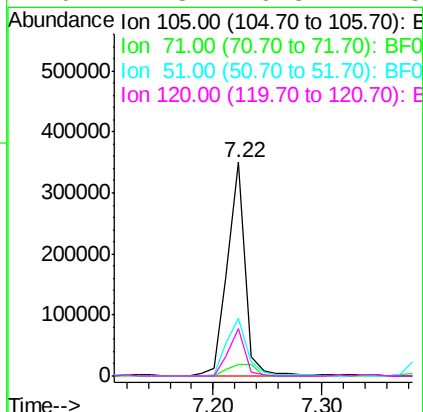
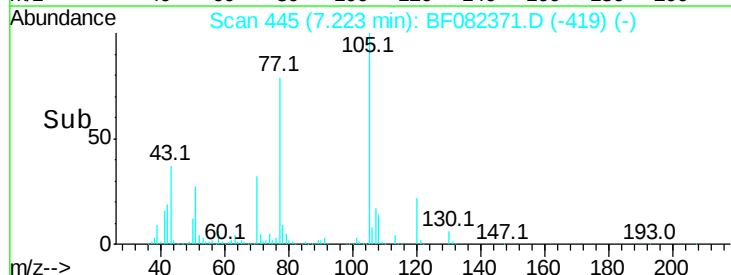
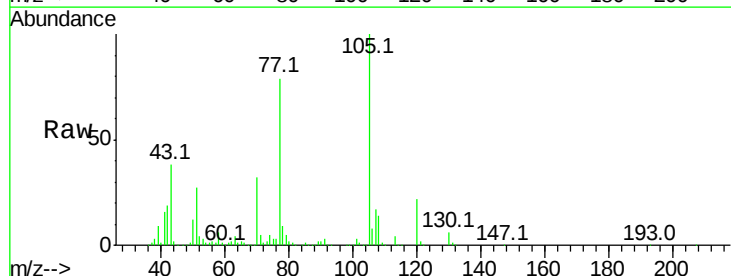
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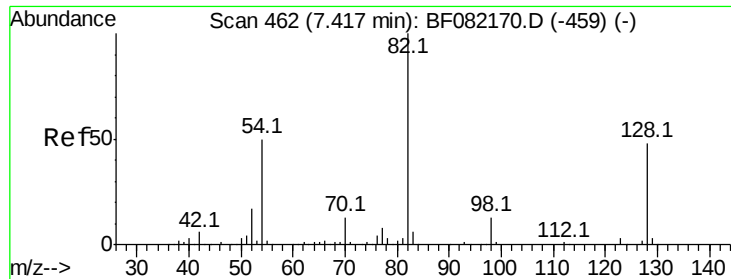
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#22
Acetophenone
Concen: 55.37 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	5.4	8.0#	
51	26.8	31.8	47.6#	
120	22.3	16.3	24.5	





#23

Nitrobenzene-d5

Concen: 114.14 ng

RT: 7.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

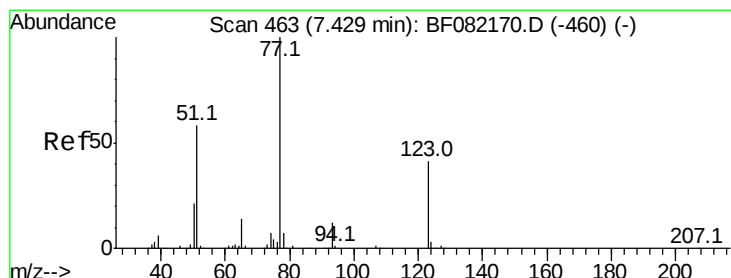
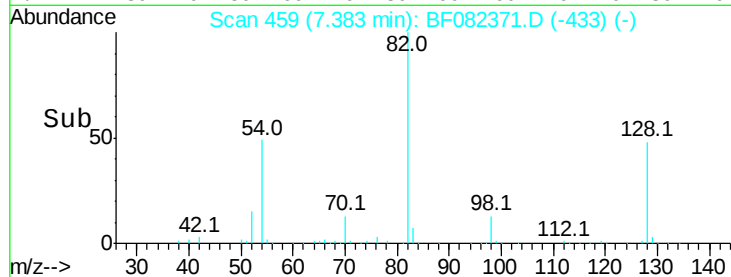
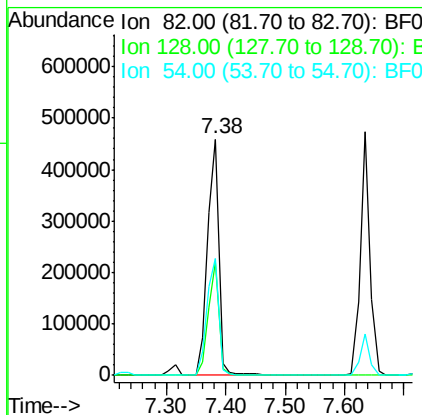
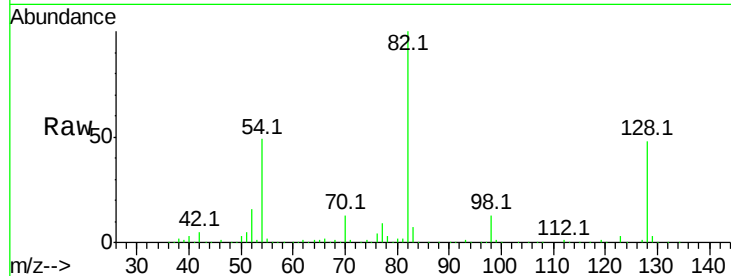
ClientSampleId :

PX3MSD

Tot Ion:	82	Resp:	619827
Ion Ratio	Lower	Upper	
82	100		
128	47.6	38.7	58.1
54	49.3	40.1	60.1

Manual Integrations
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#24

Nitrobenzene

Concen: 45.50 ng

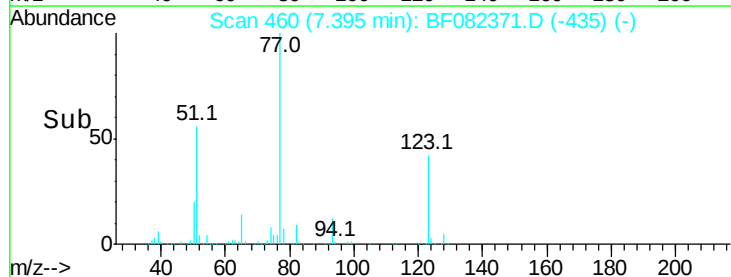
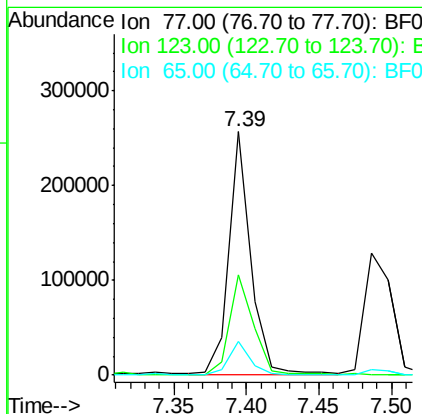
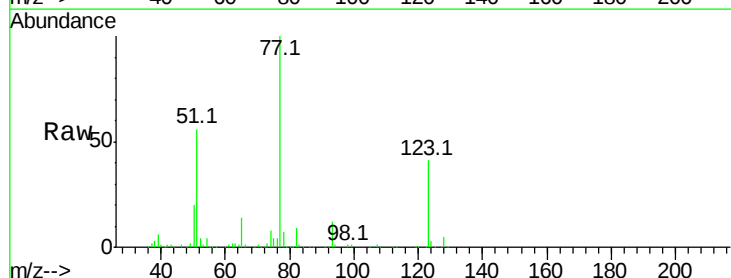
RT: 7.39 min Scan# 460

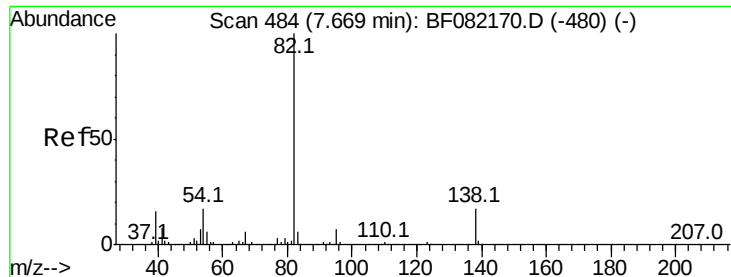
Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	77	Resp:	267463
Ion Ratio	Lower	Upper	
77	100		
123	41.4	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 48.42 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

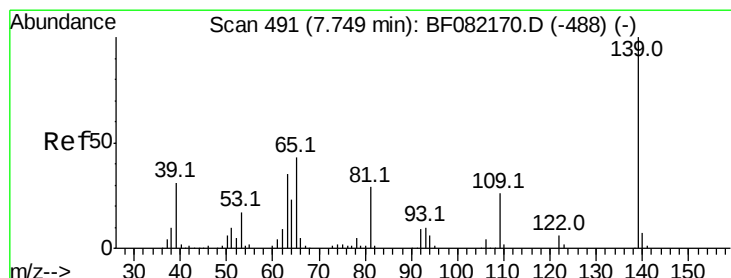
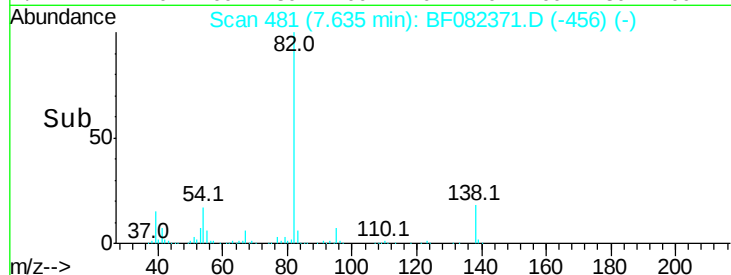
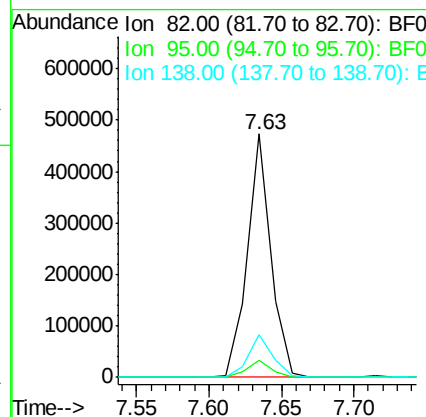
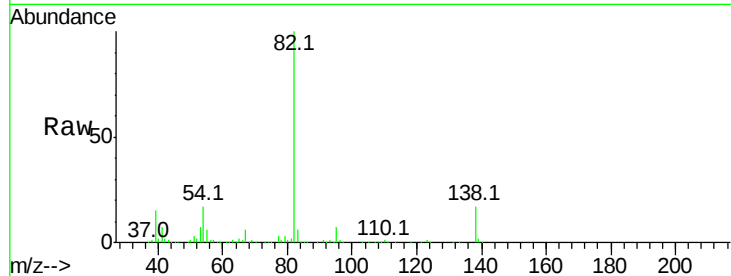
ClientSampleId :

PX3MSD

Tot Ion:	82	Resp:	530697
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.5	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.02 ng

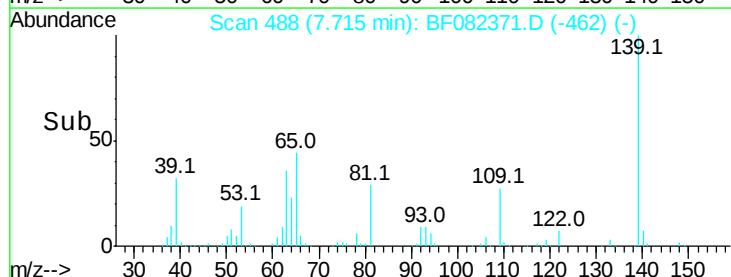
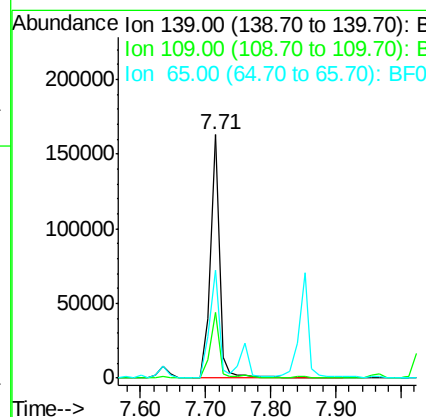
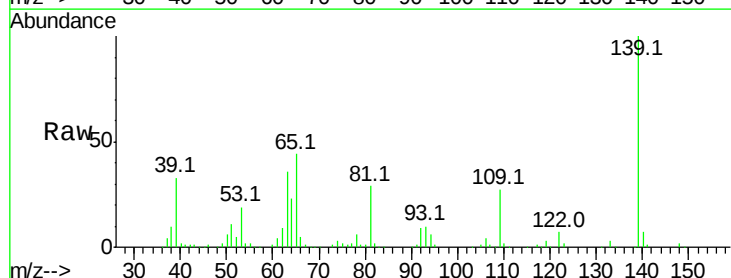
RT: 7.71 min Scan# 488

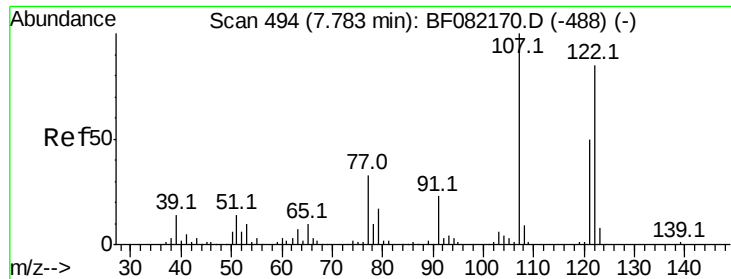
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	139	Resp:	158536
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.6	31.0
65	44.3	34.3	51.5





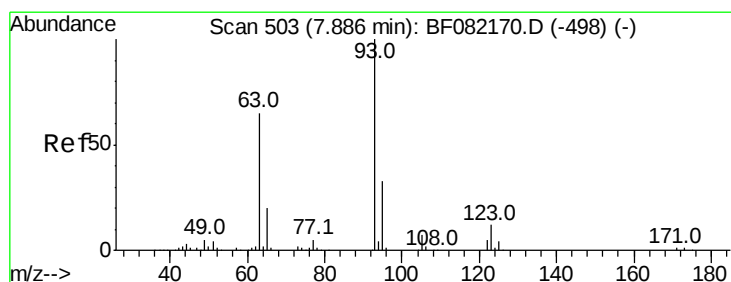
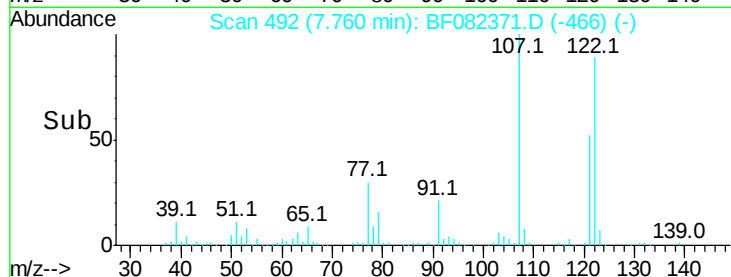
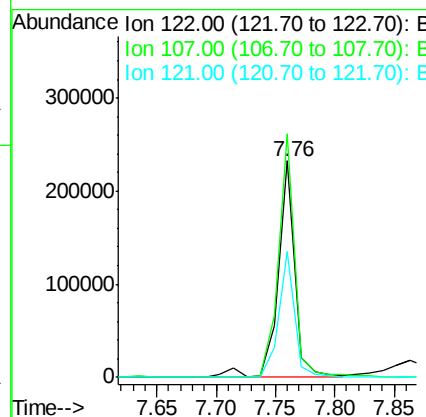
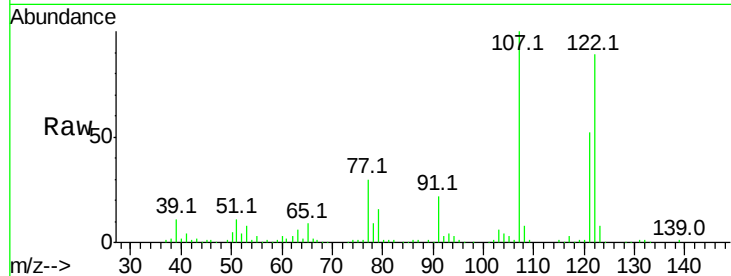
#27
2,4-Dimethylphenol
Concen: 48.79 ng
RT: 7.76 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230689		
107	112.4	94.0	141.0	
121	58.0	46.8	70.2	

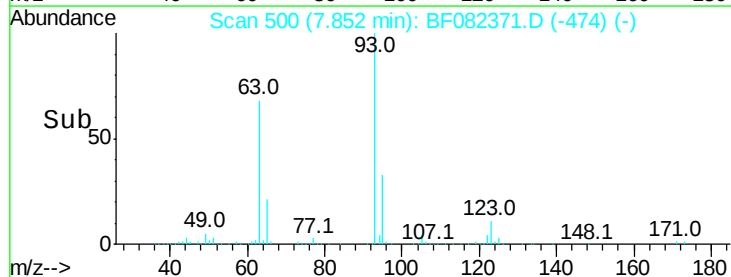
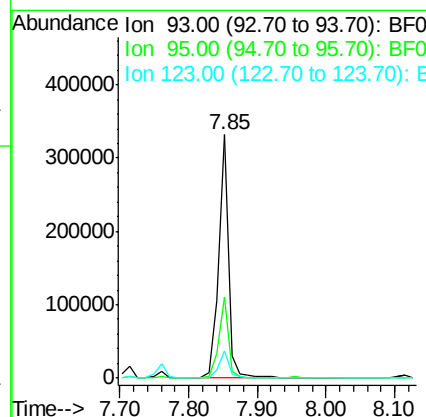
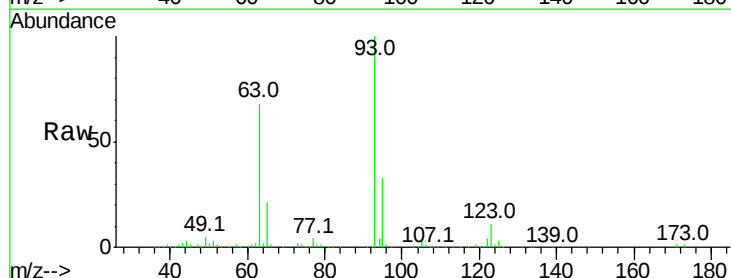
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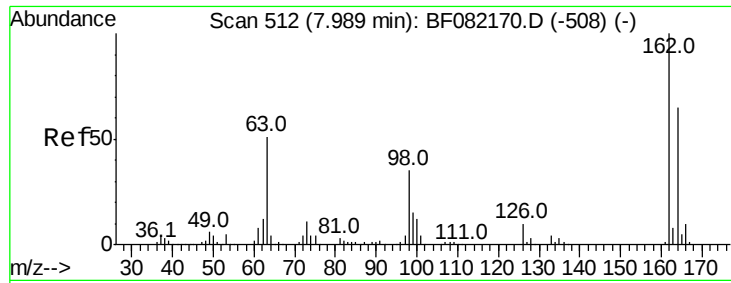
MMdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 53.70 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	342473		
95	33.2	26.6	39.8	
123	11.0	9.5	14.3	





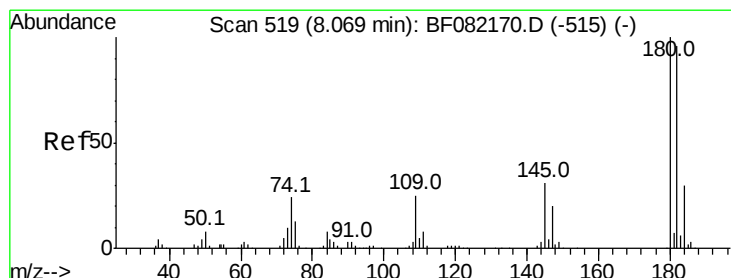
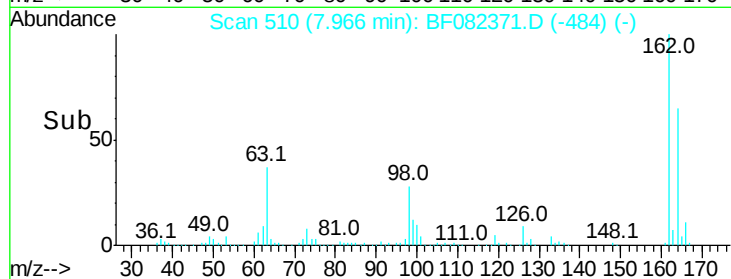
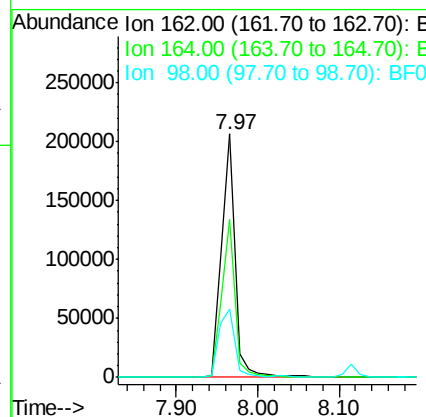
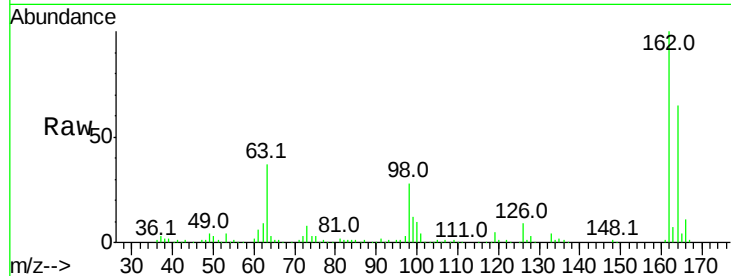
#29
 2,4-Dichlorophenol
 Concen: 50.96 ng
 RT: 7.97 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		240866		
164	64.6	44.6	84.6		
98	28.1	15.0	55.0		

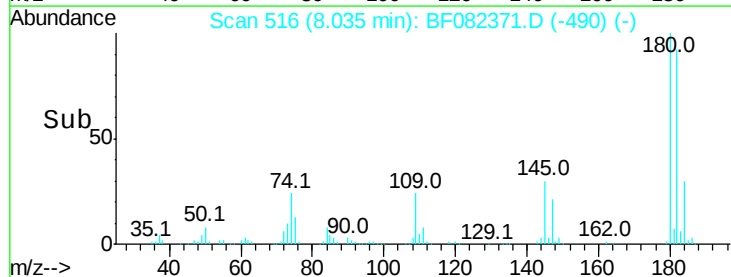
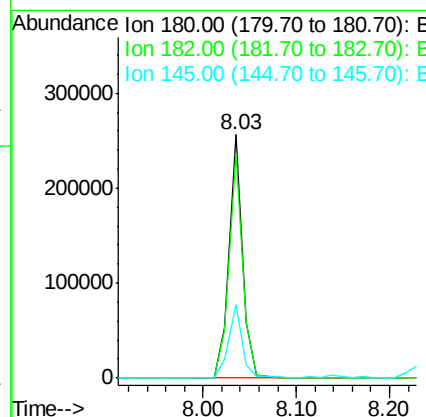
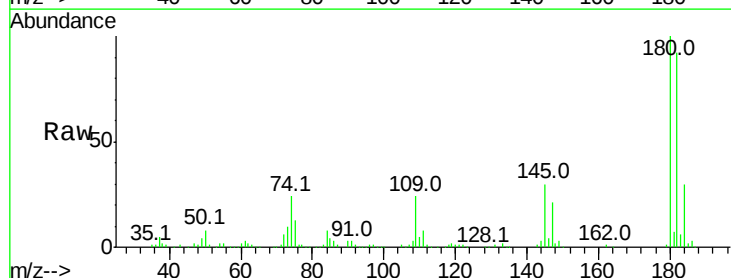
Manual Integrations
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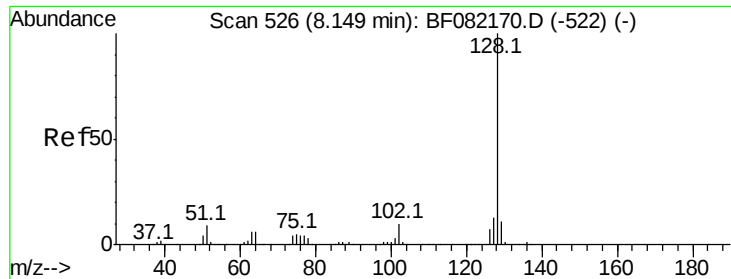
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.41 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		258281		
182	92.3	77.0	115.4		
145	30.2	25.0	37.4		





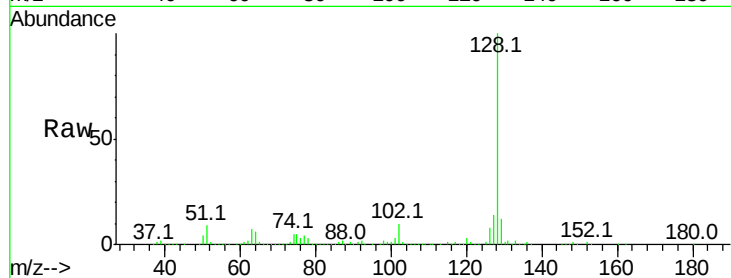
#31
Naphthalene
Concen: 47.25 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.1	13.7	
127	13.8	10.7	16.1	

Manual Integrations
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MMdadoda
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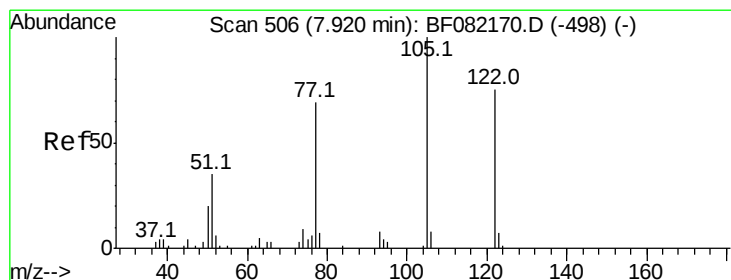
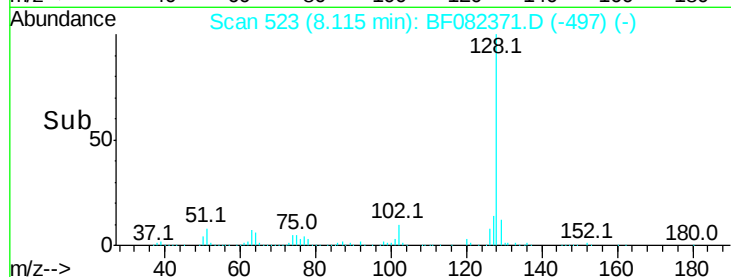
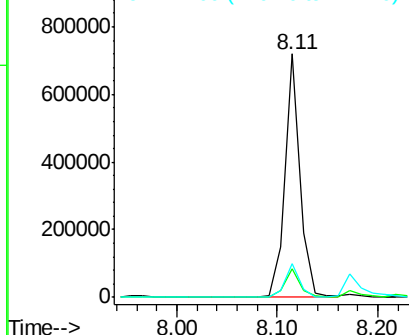


Abundance

Ion 128.00 (127.70 to 128.70): E

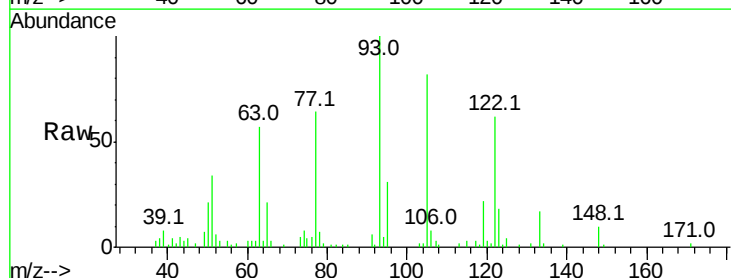
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.33 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.3	104.4	144.4	
77	103.2	69.0	109.0	

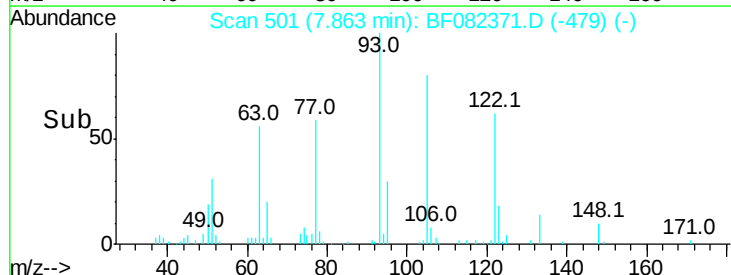
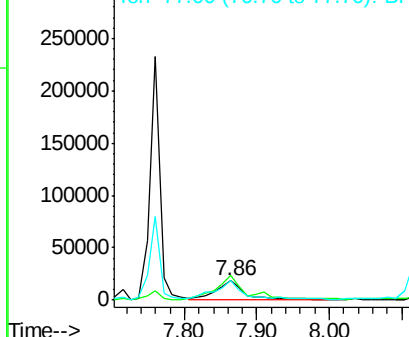


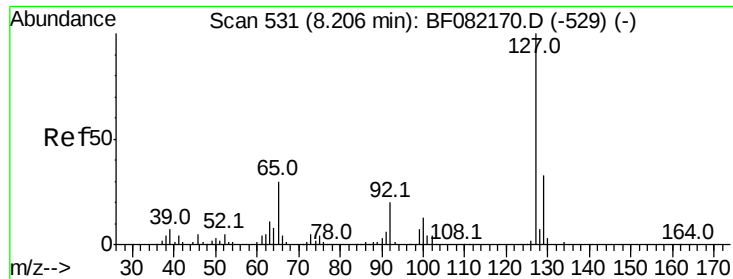
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





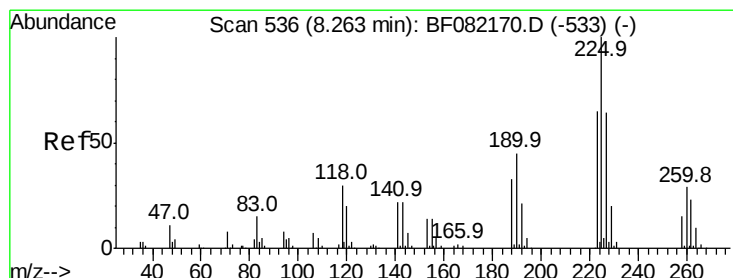
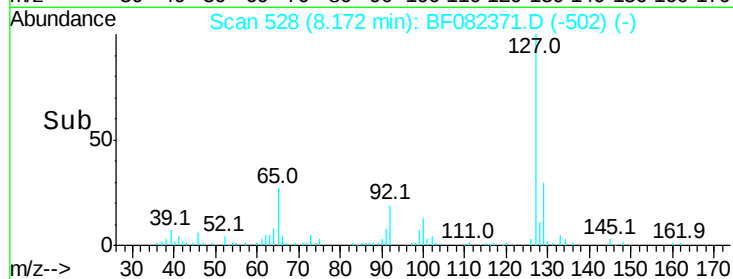
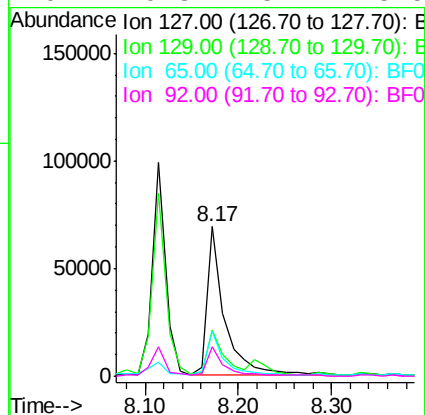
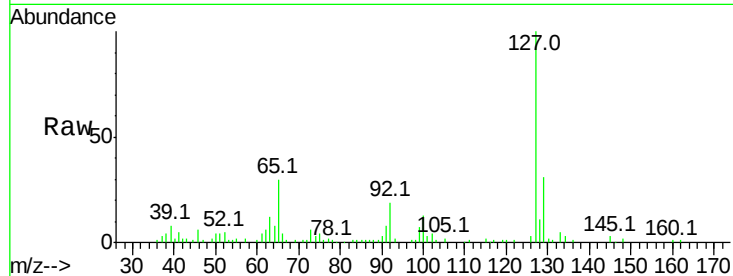
#33
4-Chloroaniline
Concen: 13.80 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.3	39.5		
65	30.0	24.4	36.6		
92	19.3	15.7	23.5		

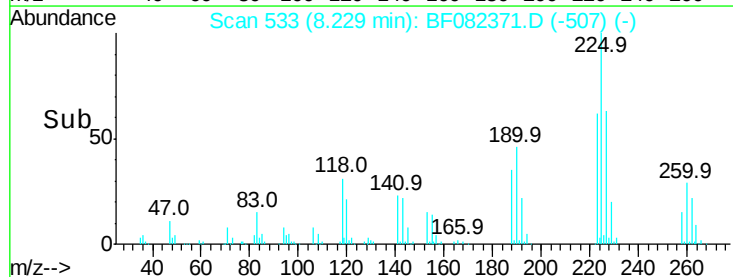
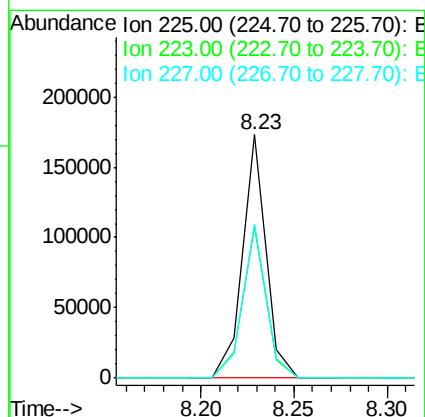
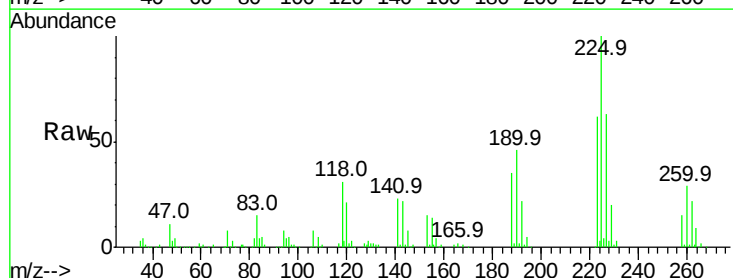
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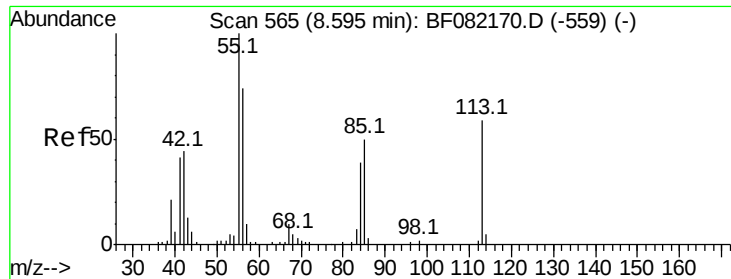
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#34
Hexachlorobutadiene
Concen: 44.87 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	52.2	78.2		
227	63.4	51.3	76.9		





#35

Caprolactam

Concen: 9.68 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

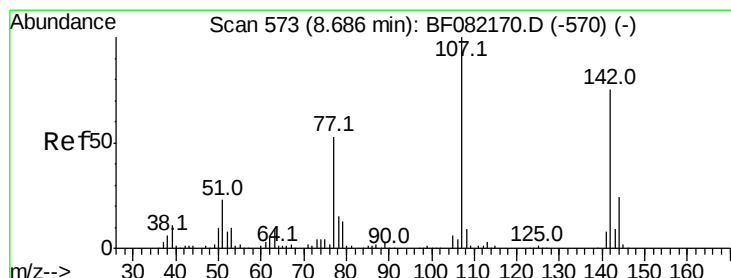
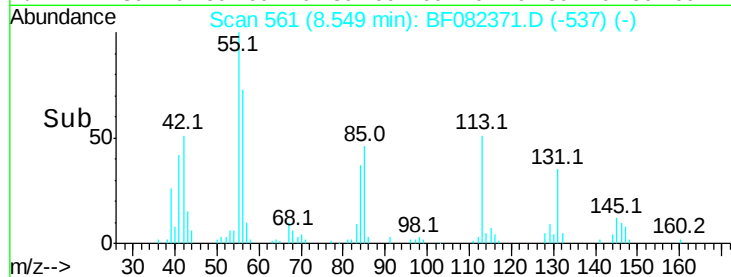
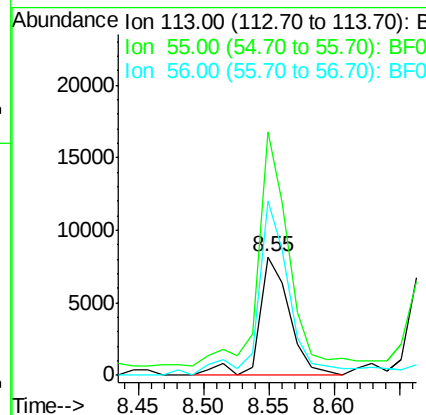
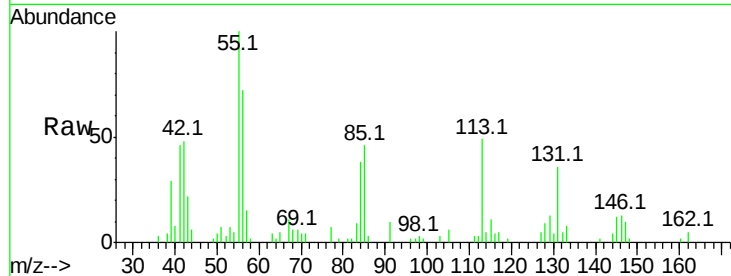
ClientSampleId :

PX3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.9	149.7	189.7#
56	147.9	105.4	145.4#

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#36

4-Chloro-3-methylphenol

Concen: 48.70 ng

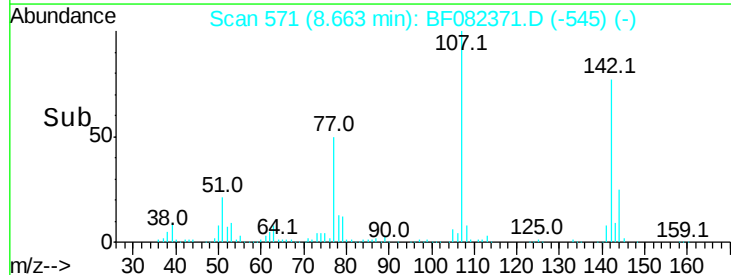
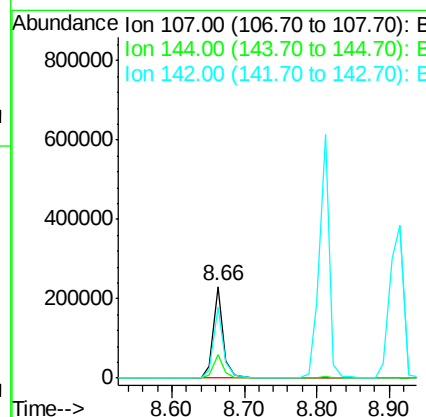
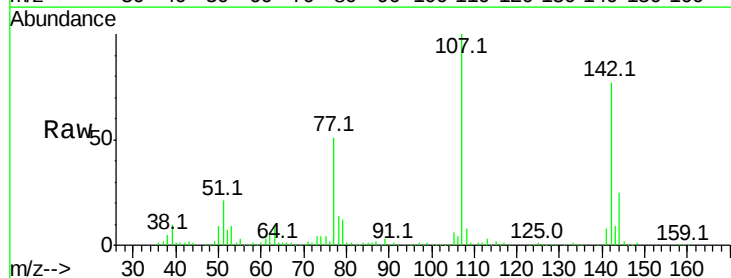
RT: 8.66 min Scan# 571

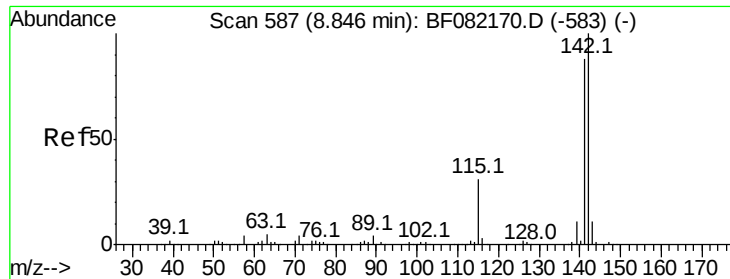
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.3	28.9
142	76.7	59.9	89.9





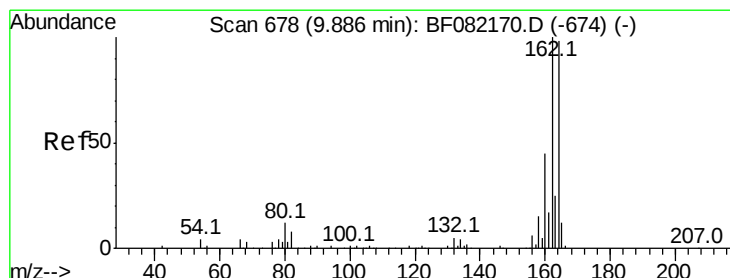
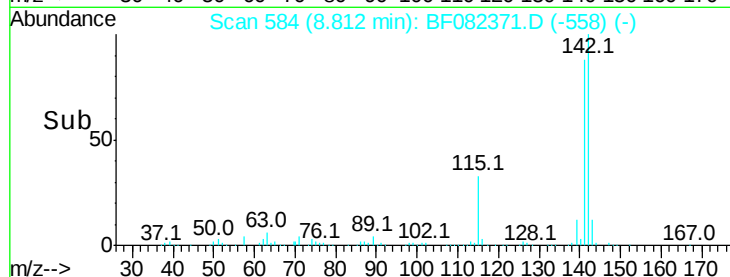
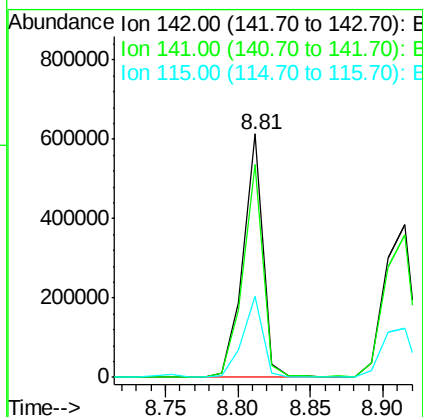
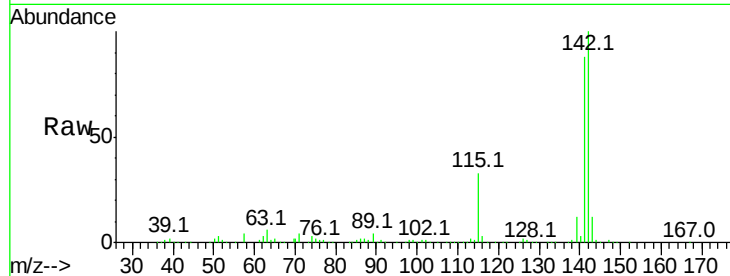
#37
2-Methylnaphthalene
Concen: 53.64 ng
RT: 8.81 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	587868		
141	87.7		70.4	105.6
115	33.5		24.6	37.0

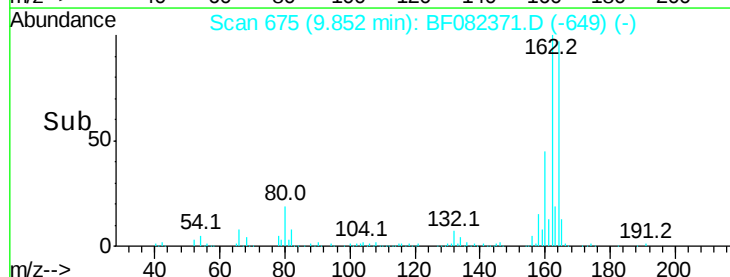
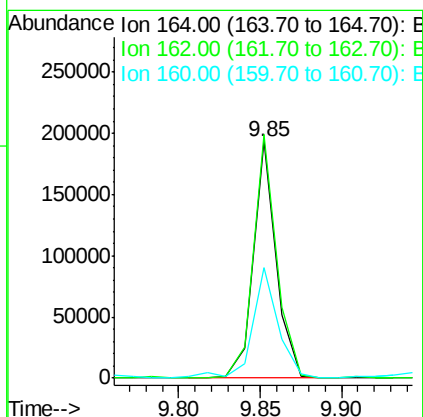
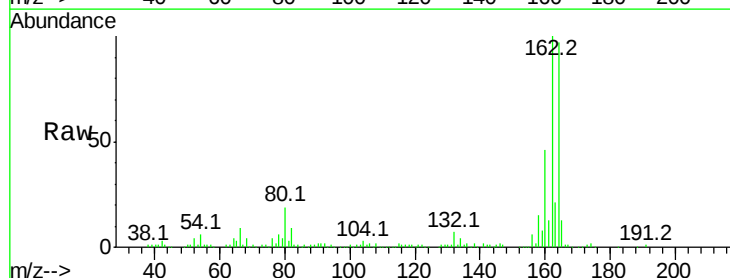
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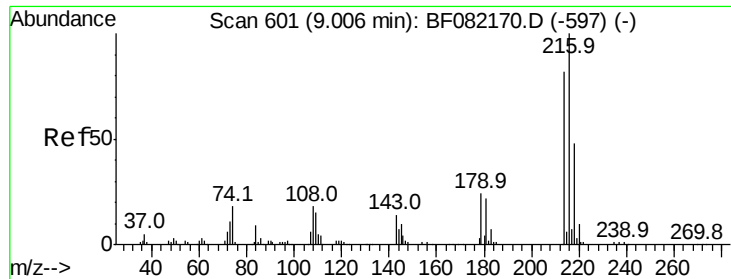
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186875		
162	102.8		81.6	122.4
160	46.9		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.79 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

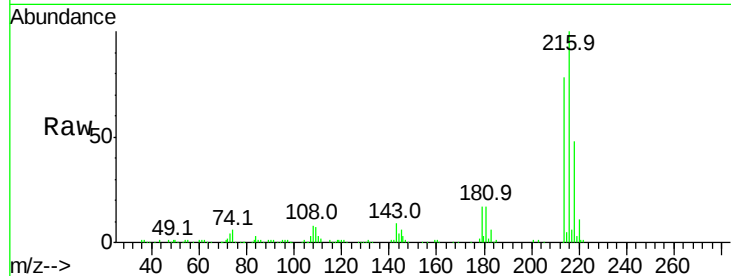
ClientSampleId :

PX3MSD

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	260099		
214	79.5	64.6	97.0	
179	20.3	17.6	26.4	
108	17.1	14.5	21.7	

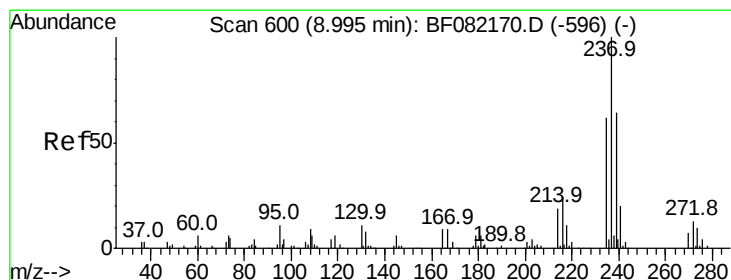
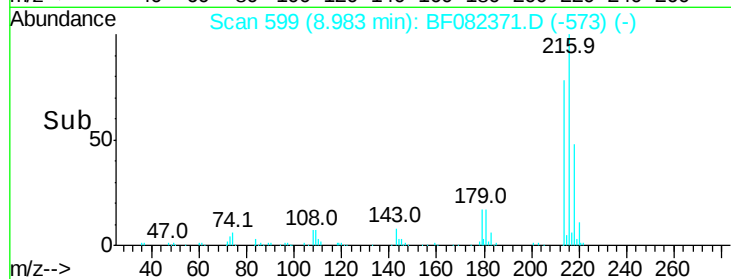
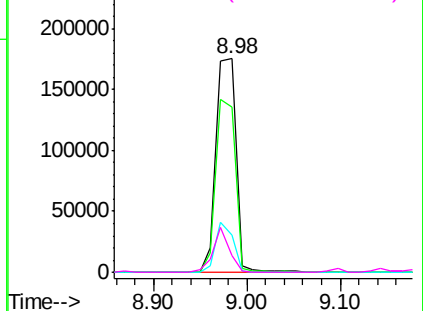


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.83 ng

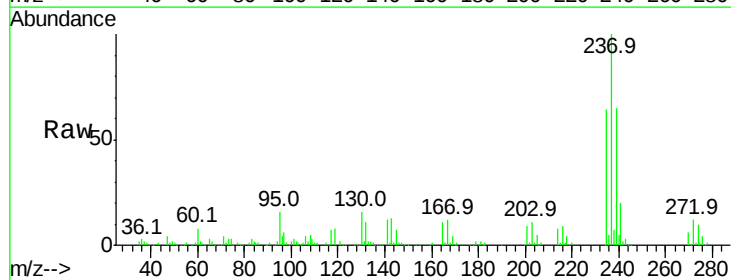
RT: 8.96 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

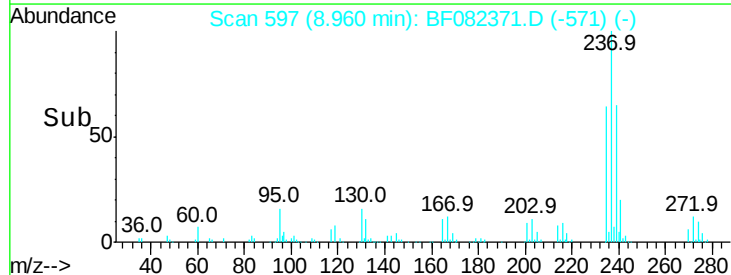
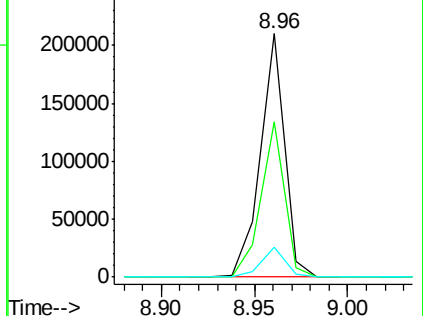
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186815		
235	63.8	41.7	81.7	
272	12.2	0.0	32.8	

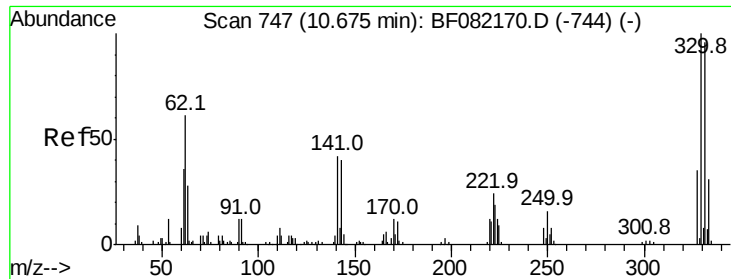


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





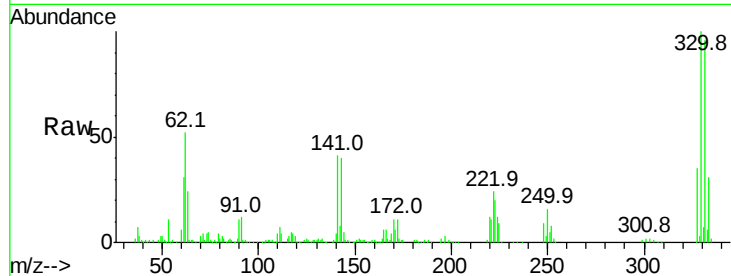
#41
 2,4,6-Tribromophenol
 Concen: 123.50 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

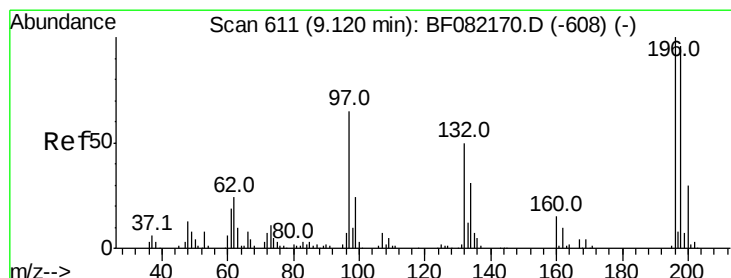
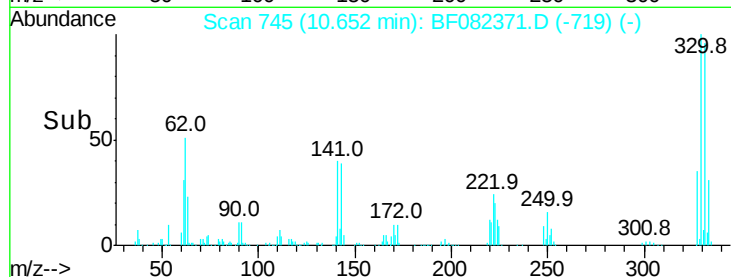
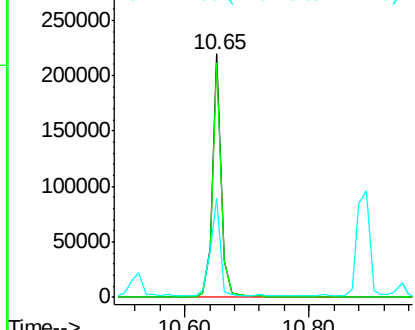
Tot Ion	Ratio	Resp	Lower	Upper
330	100	216444		
332	96.9	77.1	115.7	
141	44.4	29.8	44.8	

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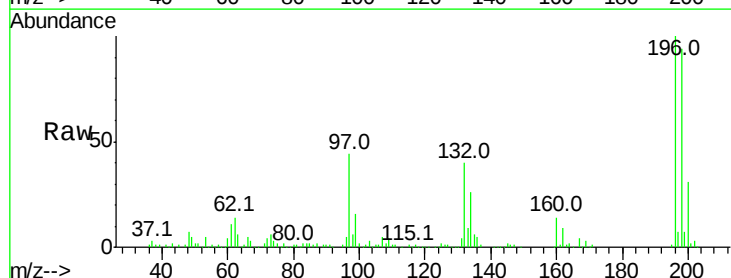


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

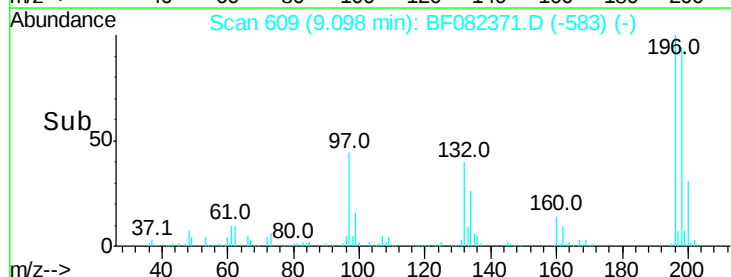
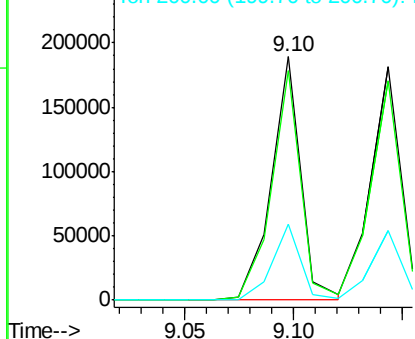


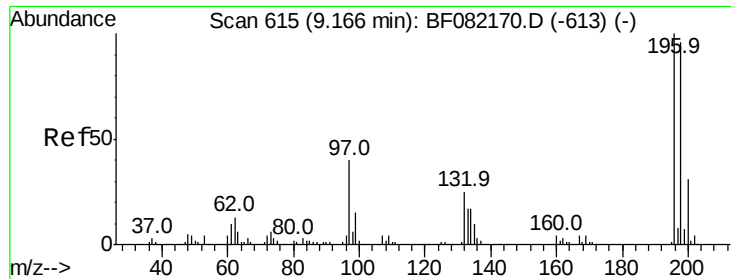
#42
 2,4,6-Trichlorophenol
 Concen: 48.56 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179260		
198	94.0	76.6	115.0	
200	31.0	23.7	35.5	



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





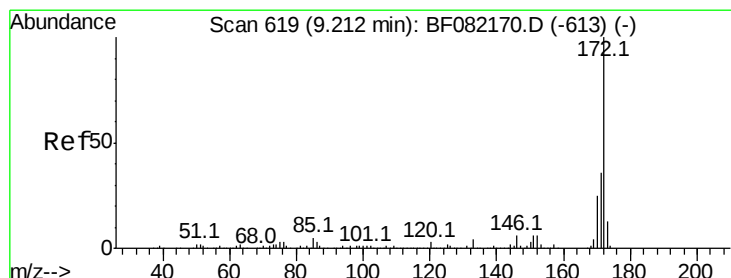
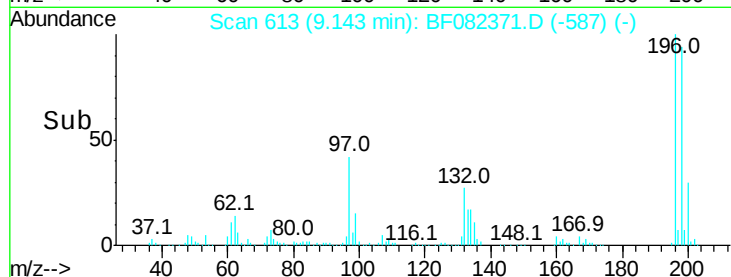
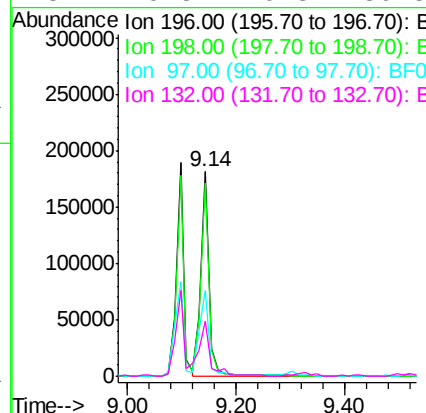
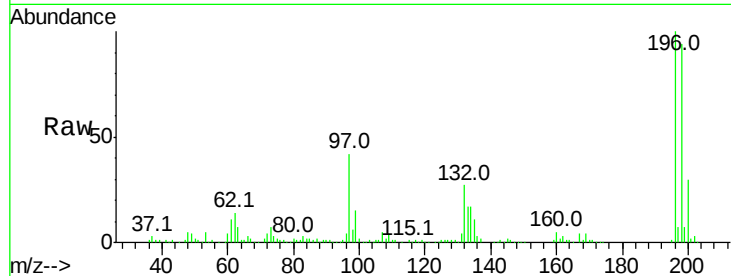
#43
 2,4,5-Trichlorophenol
 Concen: 47.41 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189588		
198	94.3	77.0	115.4	
97	42.0	31.9	47.9	
132	26.8	20.3	30.5	

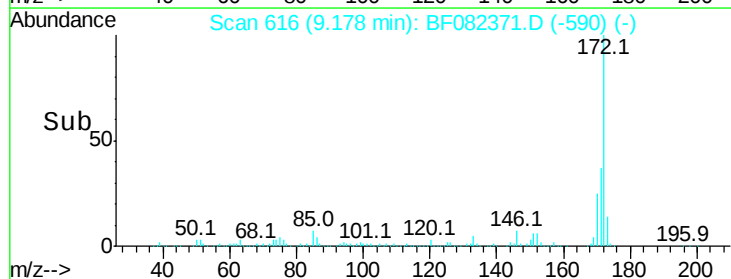
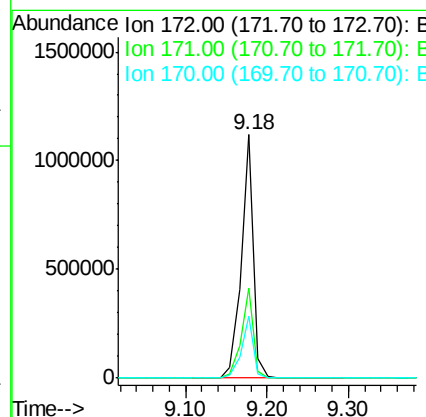
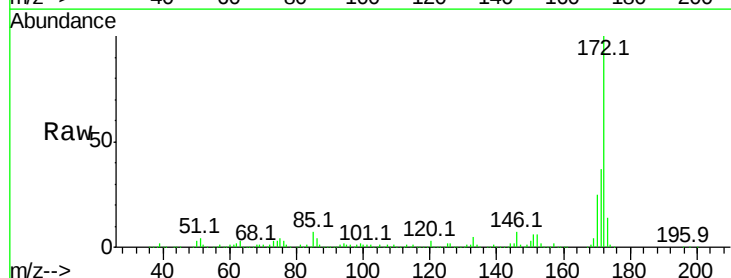
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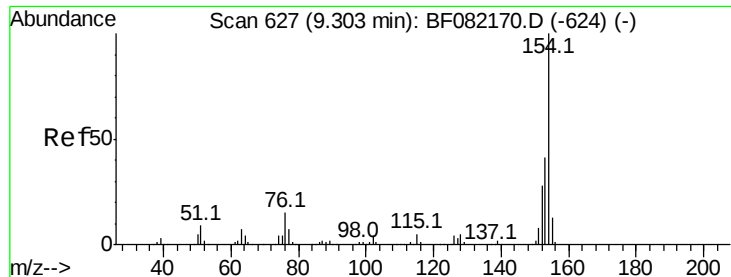
MMdadoda
 10/20/2015 6:25:51 PM



#44
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1160735		
171	37.0	28.6	42.8	
170	25.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 49.72 ng

RT: 9.28 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

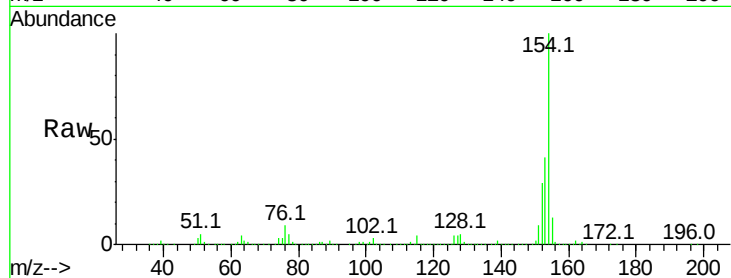
ClientSampled :

PX3MSD

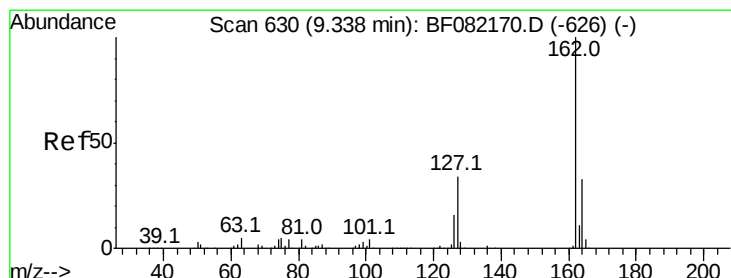
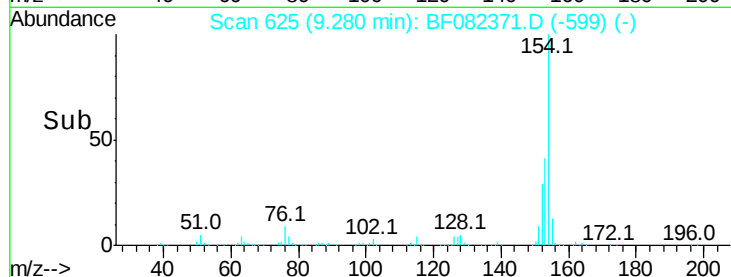
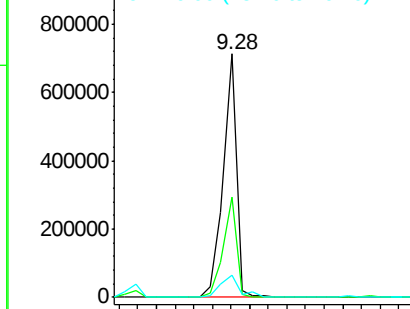
Tot Ion:	154	Resp:	708468
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	9.4	0.0	35.2

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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: 50.07 ng

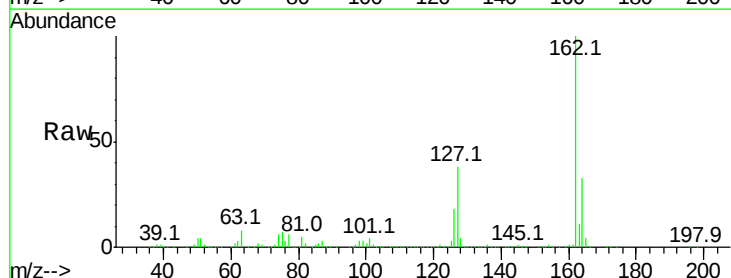
RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

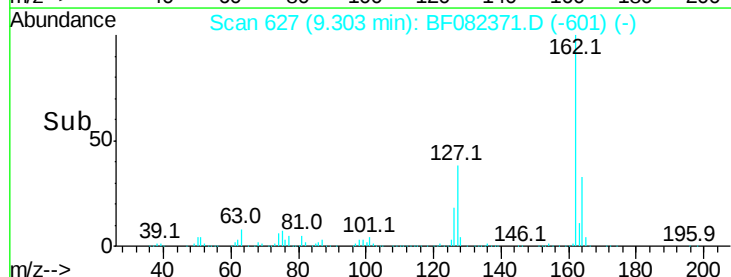
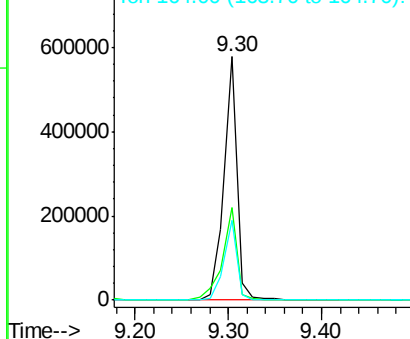
Lab File: BF082371.D

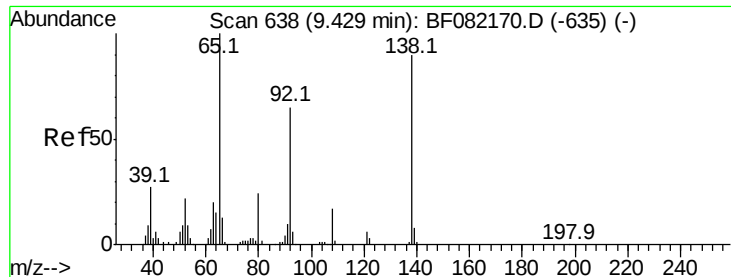
Acq: 19 Oct 2015 22:42

Tgt Ion:	162	Resp:	561685
Ion Ratio	Lower	Upper	
162	100		
127	38.0	27.5	41.3
164	32.7	26.6	39.8



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: 48.17 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

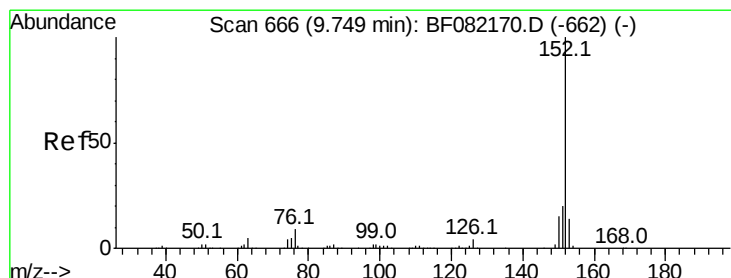
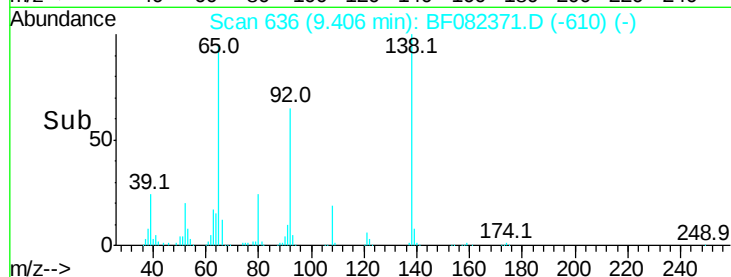
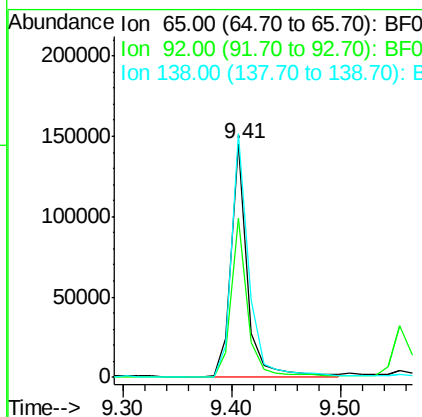
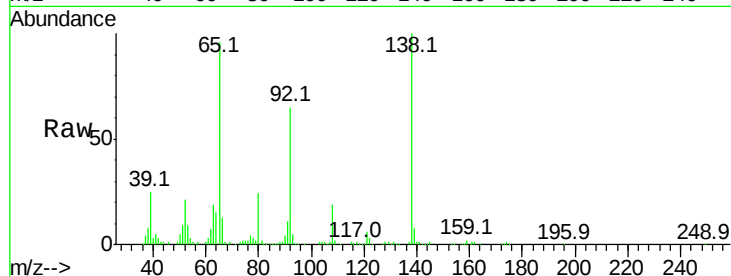
ClientSampleId :

PX3MSD

Tot Ion:	65	Resp:	148356
Ion Ratio	Lower	Upper	
65	100		
92	68.3	52.3	78.5
138	104.3	72.2	108.4

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#48

Acenaphthylene

Concen: 43.88 ng

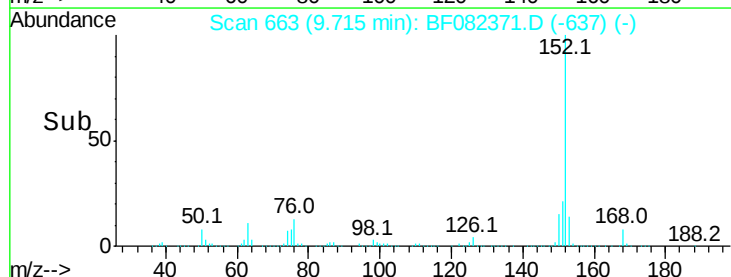
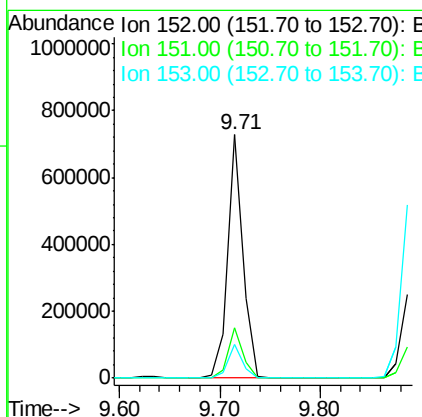
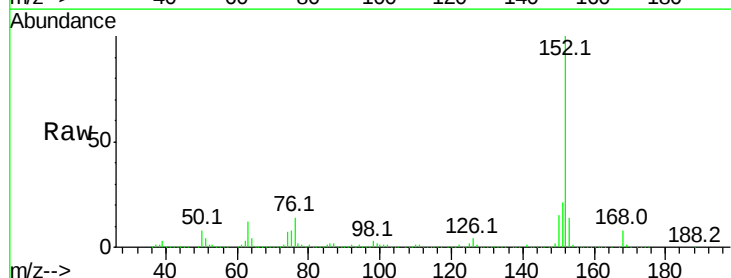
RT: 9.71 min Scan# 663

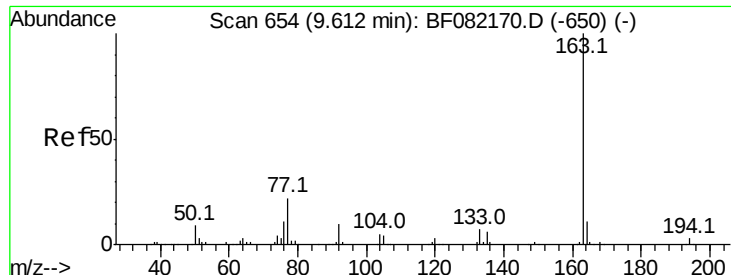
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	152	Resp:	766750
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.4	24.6
153	13.8	10.8	16.2





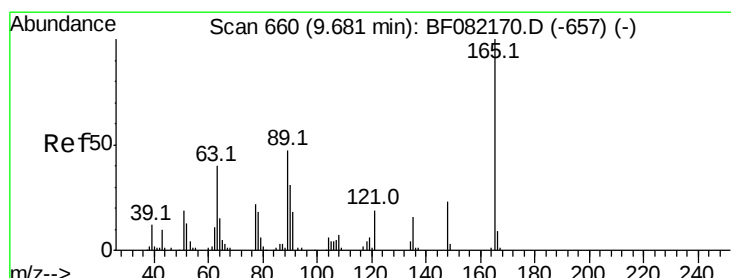
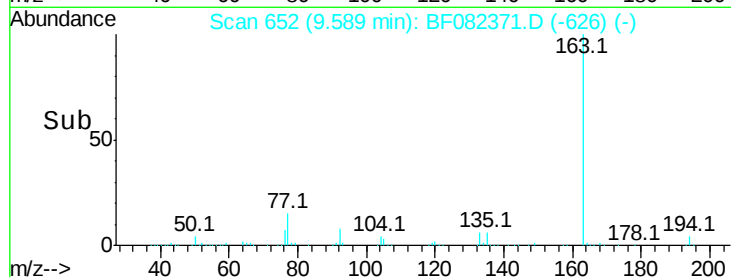
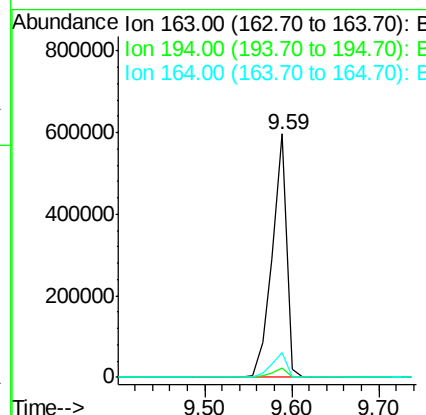
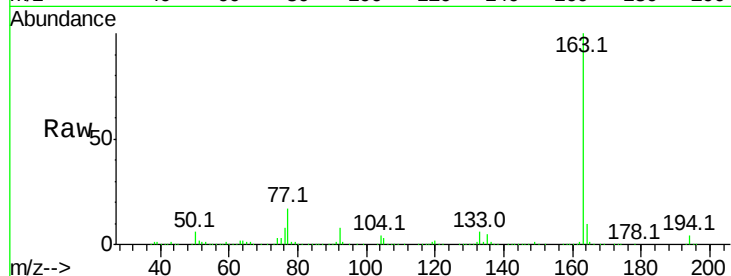
#49
Dimethylphthalate
Concen: 52.27 ng
RT: 9.59 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.5	12.7

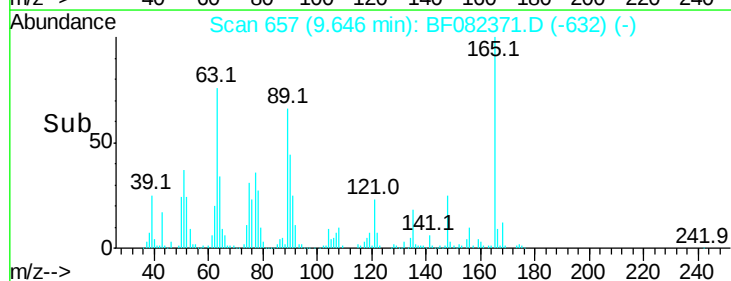
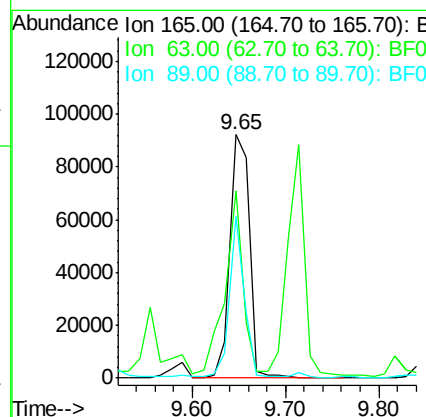
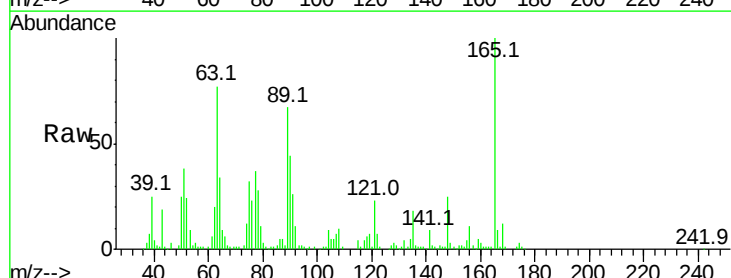
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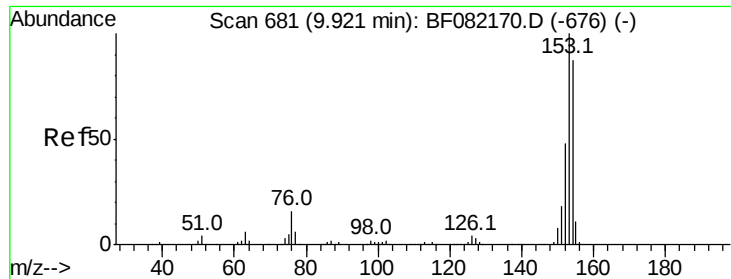
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#50
2,6-Dinitrotoluene
Concen: 48.73 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	77.0	36.7	55.1#
89	66.6	37.8	56.6#





#51

Acenaphthene

Concen: 44.80 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

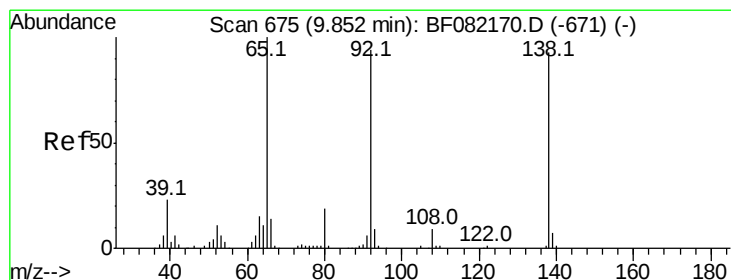
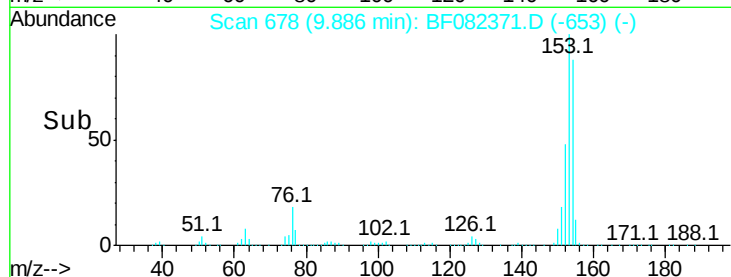
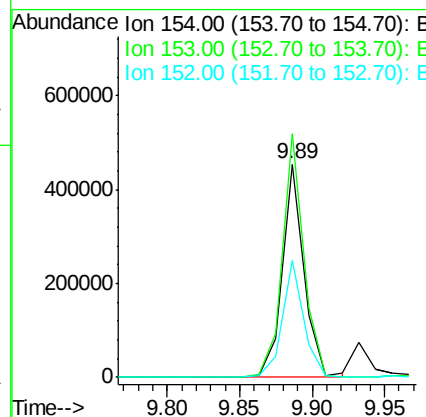
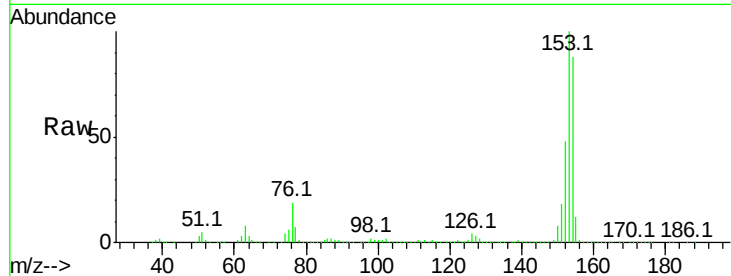
ClientSampleId :

PX3MSD

Tot Ion:	154	Resp:	469994
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.4	137.2
152	55.0	44.3	66.5

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#52

3-Nitroaniline

Concen: 15.82 ng

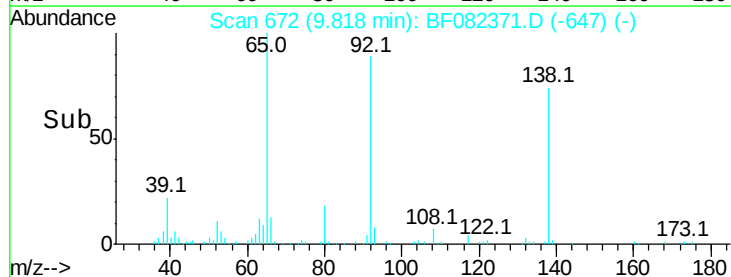
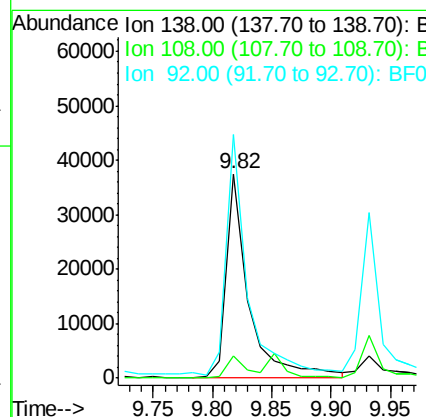
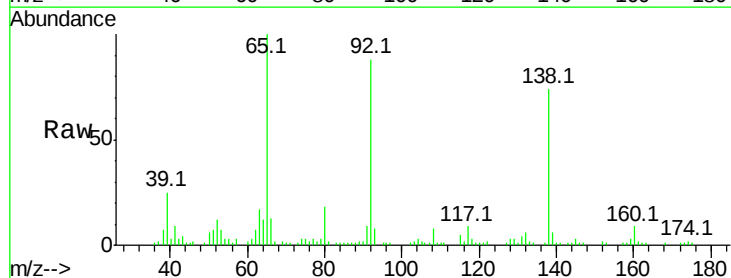
RT: 9.82 min Scan# 672

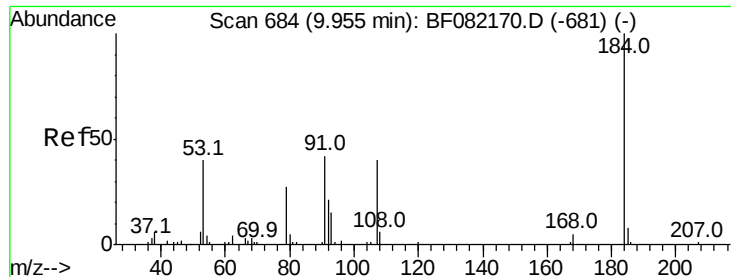
Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	138	Resp:	49625
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.4	11.0
92	119.3	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 85.71 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

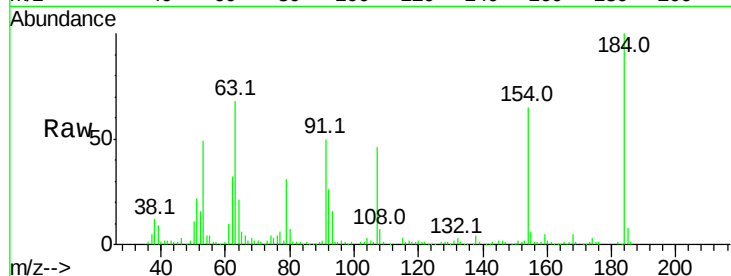
ClientSampleId :

PX3MSD

Tot Ion:	184	Resp:	133752
Ion Ratio	Lower	Upper	
184	100		
63	67.6	45.1	67.7
154	65.3	51.2	76.8

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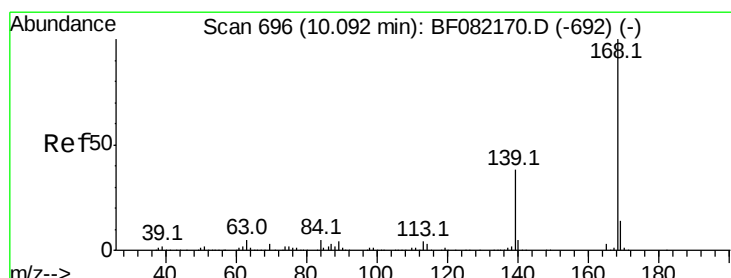
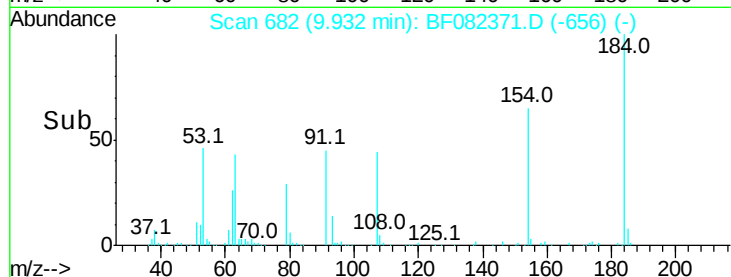
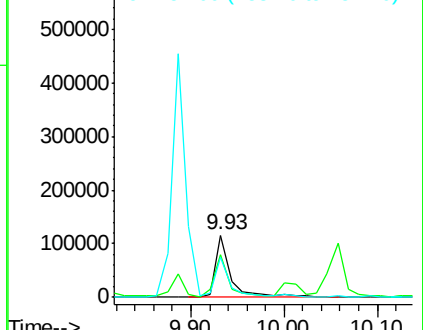
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.53 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF082371.D

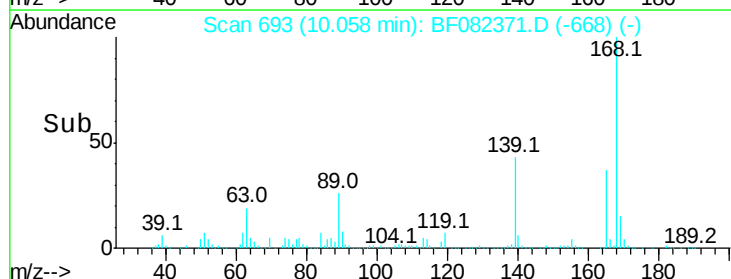
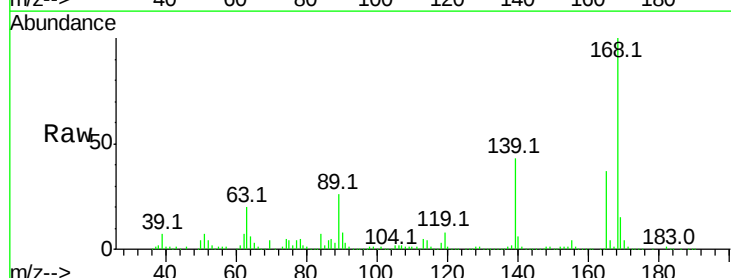
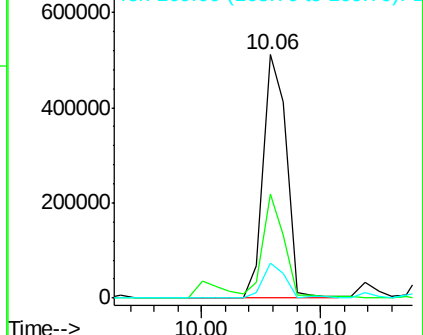
Acq: 19 Oct 2015 22:42

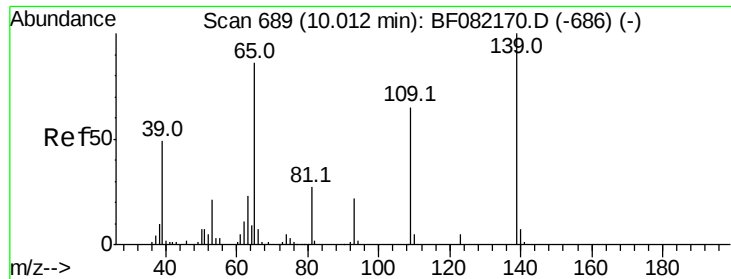
Tgt Ion:	168	Resp:	698941
Ion Ratio	Lower	Upper	
168	100		
139	43.0	31.0	46.6
169	14.6	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 33.46 ng

RT: 10.00 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

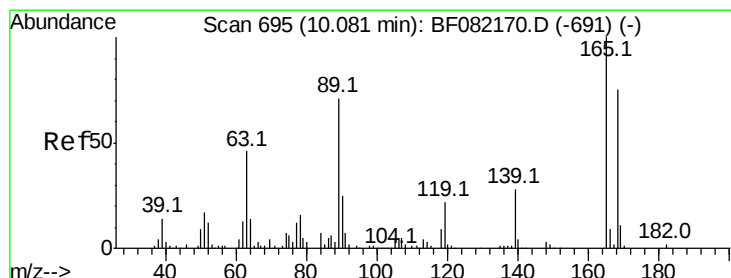
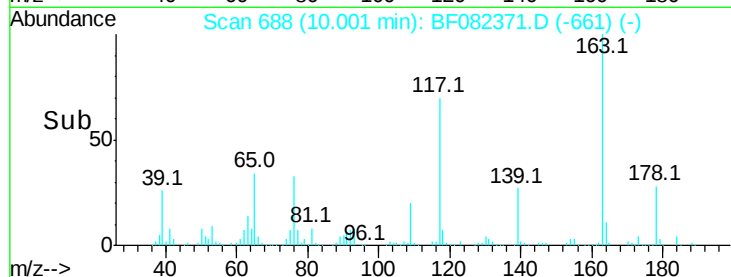
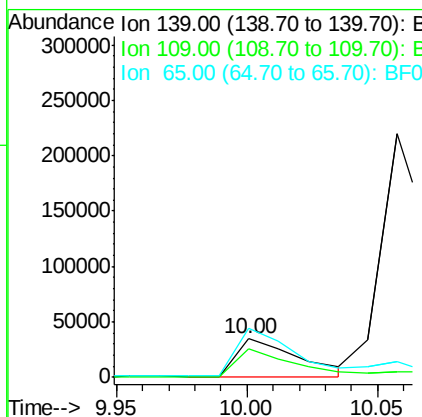
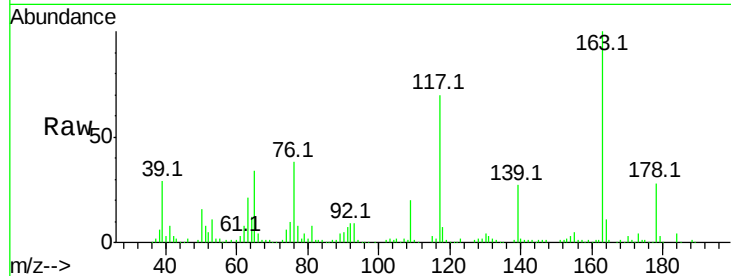
ClientSampleId :

PX3MSD

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Tot Ion:	139	Resp:	56111
Ion Ratio	Lower	Upper	
139	100		
109	73.0	44.8	84.8
65	127.4	67.7	107.7#



#56

2,4-Dinitrotoluene

Concen: 57.31 ng

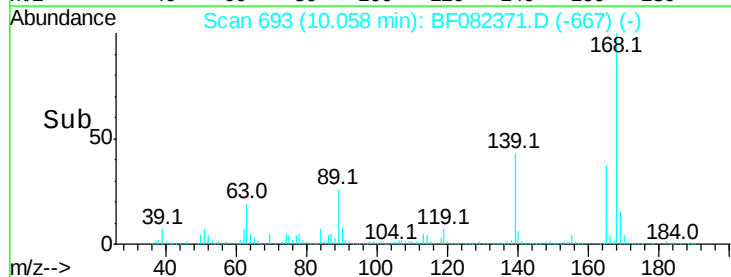
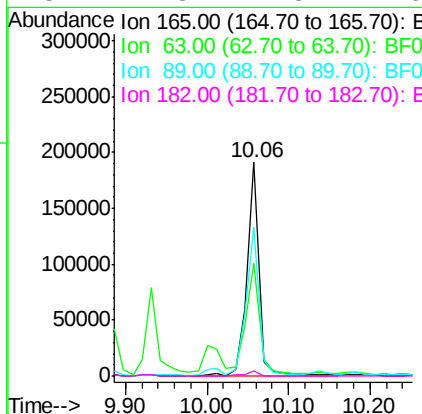
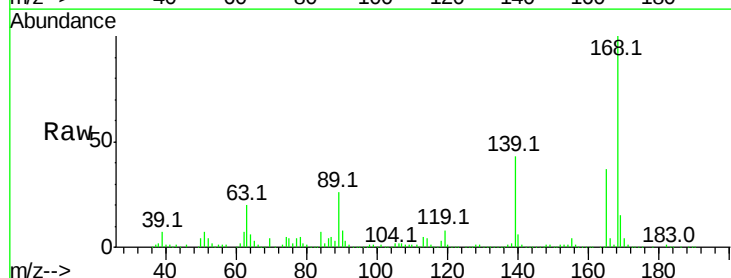
RT: 10.06 min Scan# 693

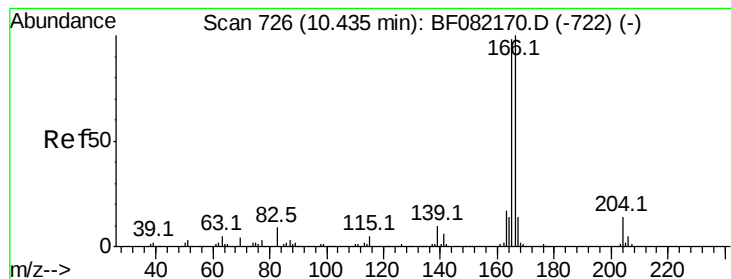
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	165	Resp:	198877
Ion Ratio	Lower	Upper	
165	100		
63	52.6	38.6	58.0
89	69.5	57.0	85.6
182	2.3	1.8	2.6





#57

Fluorene

Concen: 48.63 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

Tot Ion:166 Resp: 575250

Ion Ratio Lower Upper

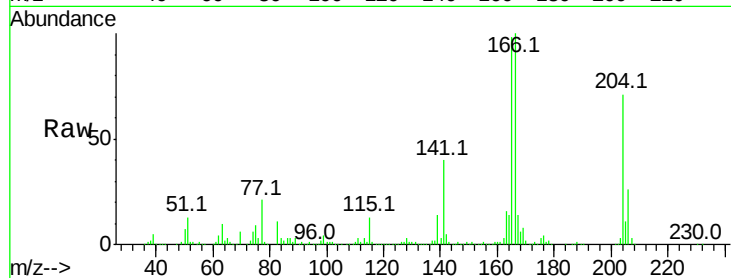
166 100

165 98.1 78.3 117.5

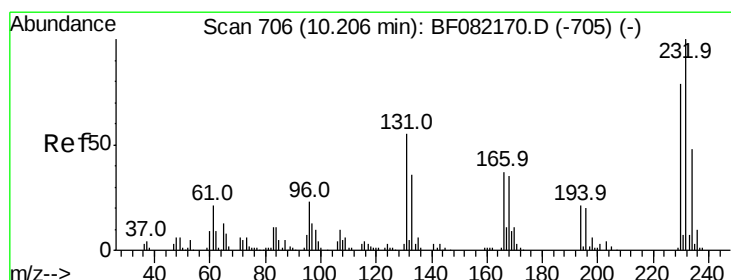
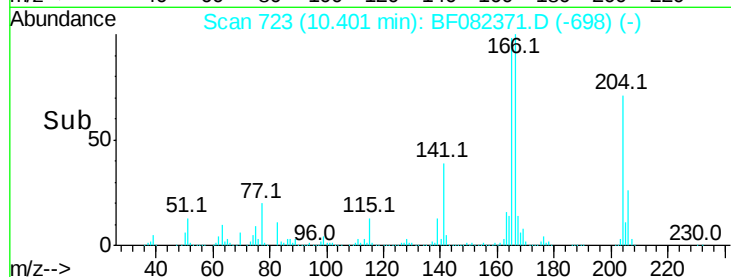
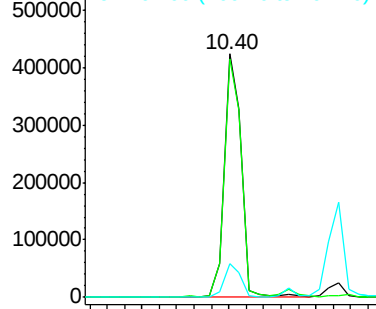
167 13.9 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.36 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:232 Resp: 151495

Ion Ratio Lower Upper

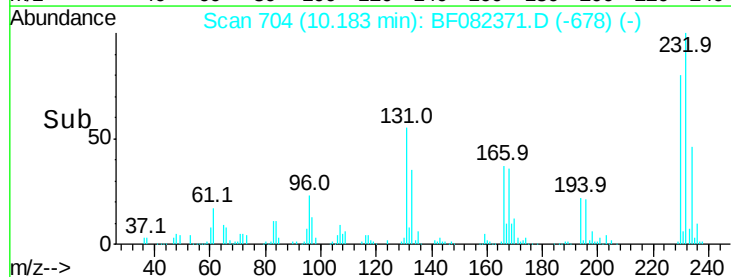
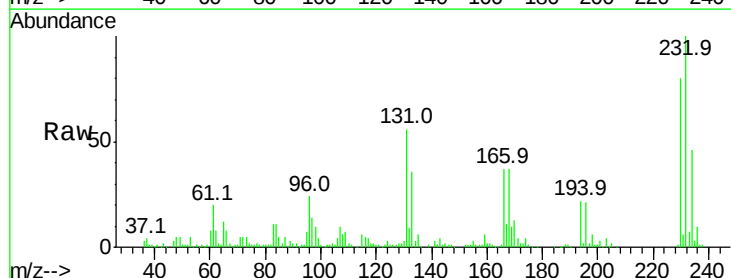
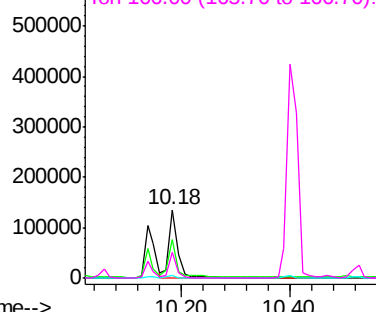
232 100

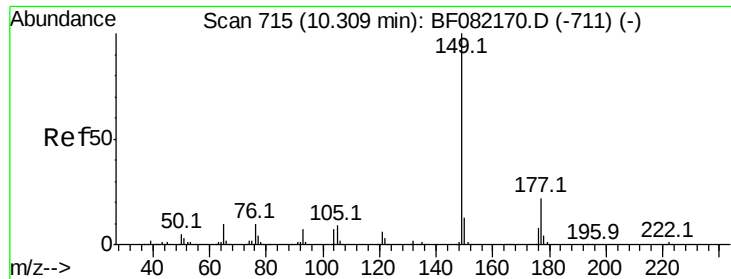
131 41.4 36.6 54.8

130 2.7 1.5 2.3#

166 30.2 24.6 37.0

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





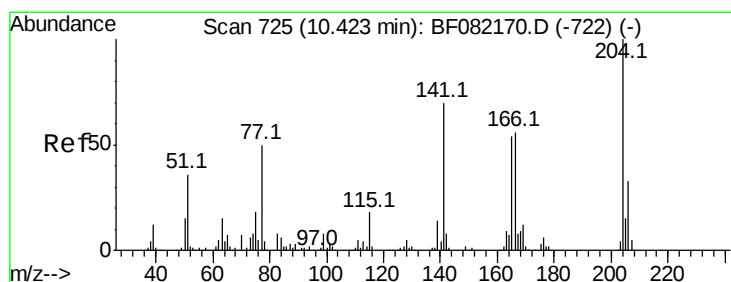
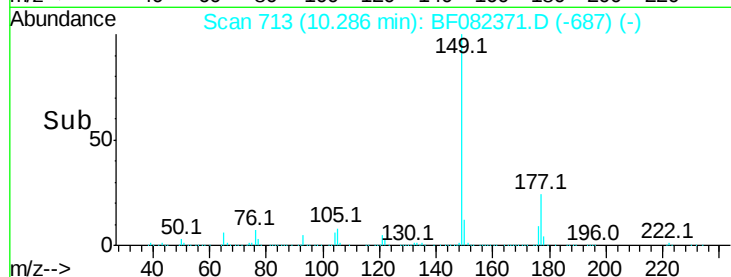
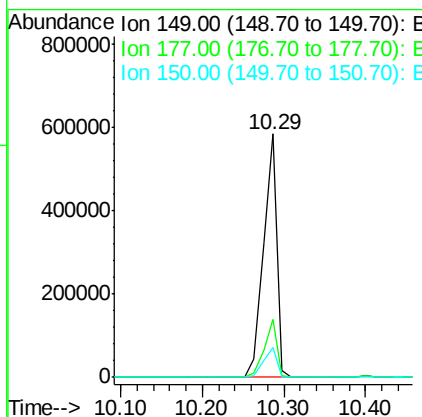
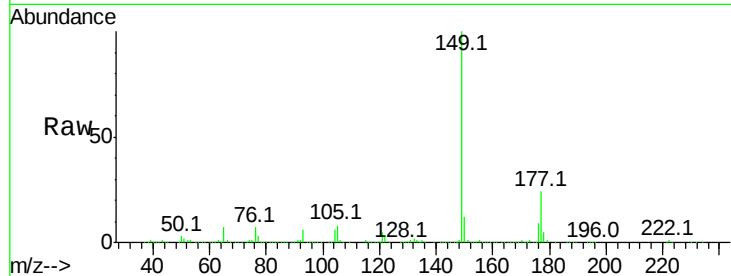
#59
Diethylphthalate
Concen: 54.50 ng
RT: 10.29 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	668461		
177	23.7		17.6	26.4
150	12.4		10.3	15.5

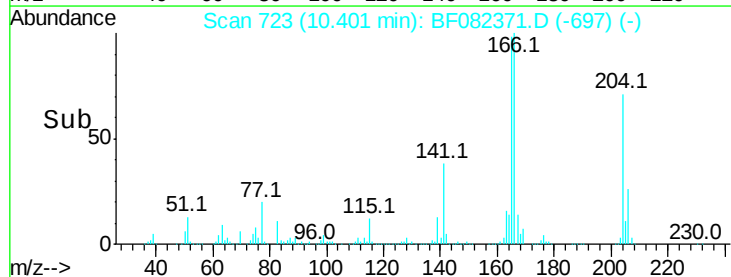
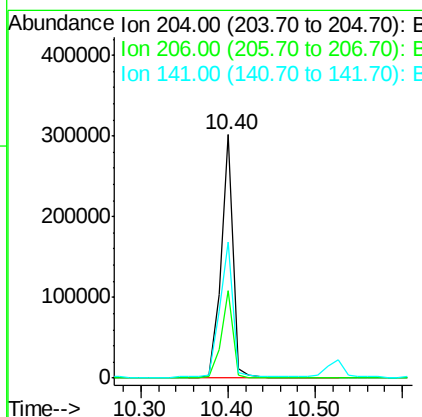
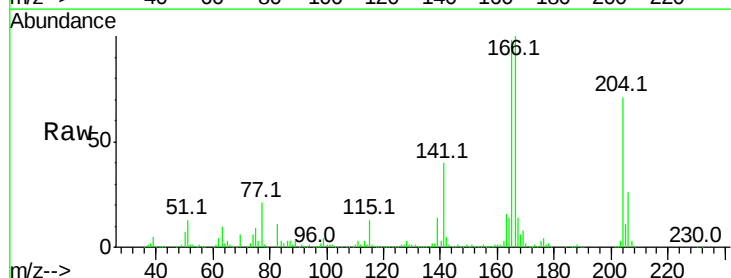
Manual Integrations
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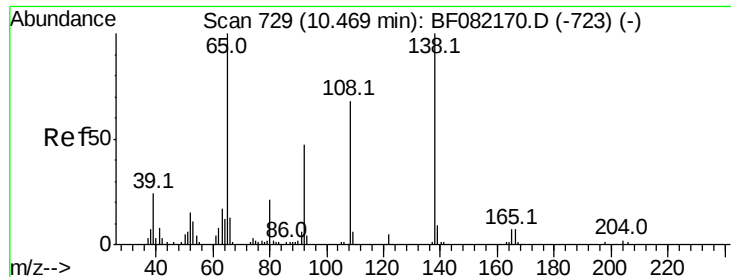
MMdadoda
10/20/2015 6:25:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.38 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294670		
206	36.0		26.8	40.2
141	55.7		56.1	84.1#





#61

4-Nitroaniline

Concen: 45.29 ng

RT: 10.45 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

Tot Ion:138 Resp: 137783

Ion Ratio Lower Upper

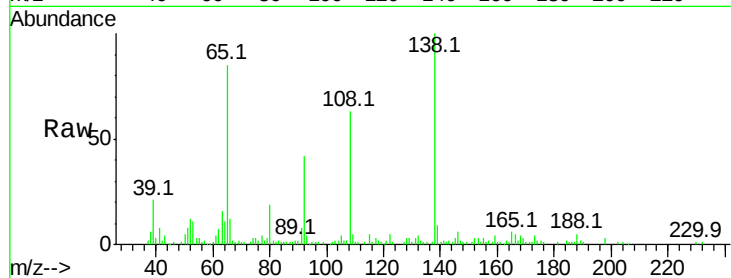
138 100

92 41.7 26.8 66.8

108 62.8 48.4 88.4

Manual Integrations
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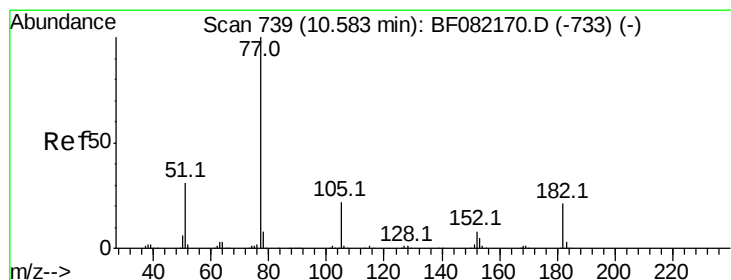
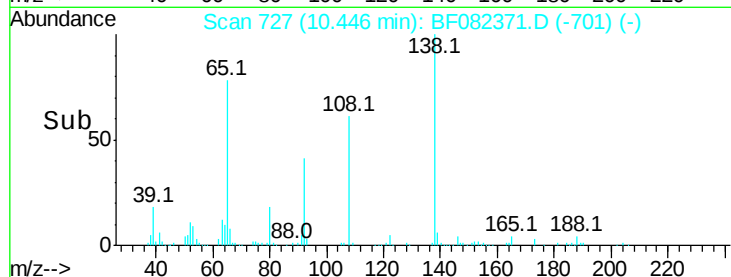
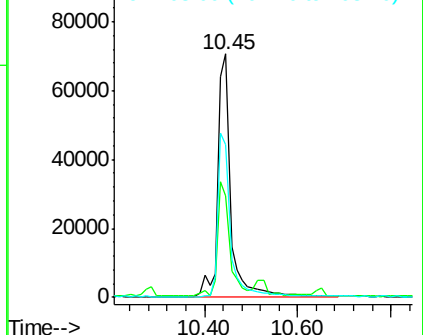
MMdadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.68 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion: 77 Resp: 644404

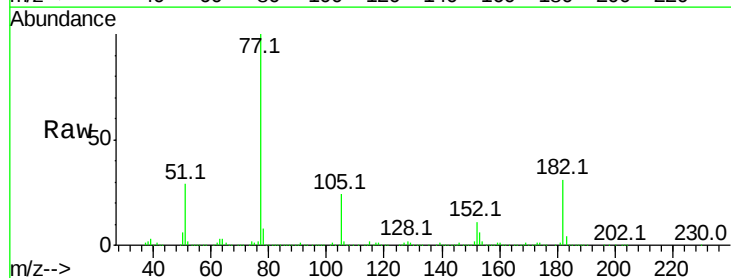
Ion Ratio Lower Upper

77 100

182 30.6 0.5 40.5

105 24.3 1.8 41.8

51 28.6 11.2 51.2

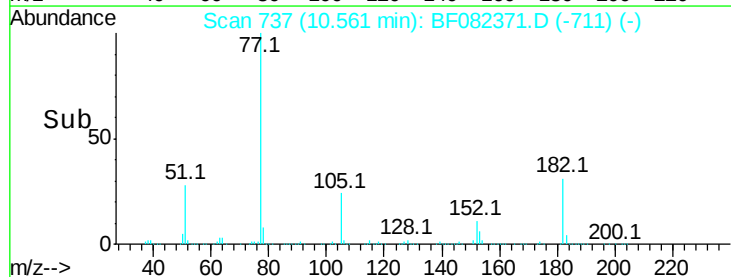
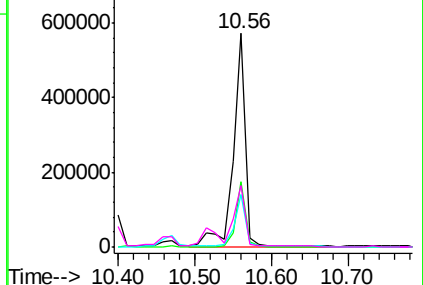


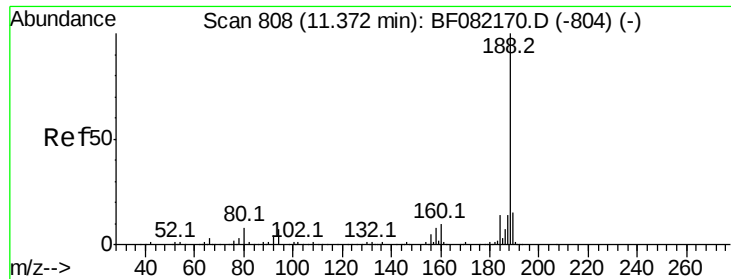
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

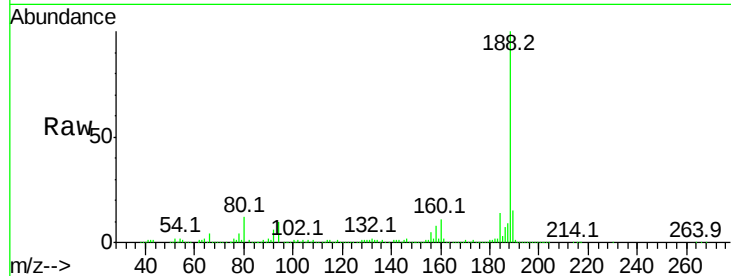
ClientSampleId :

PX3MSD

Tot Ion:188	Resp:	353370
Ion Ratio	Lower	Upper
188 100		
94 10.5	5.8	8.6#
80 11.7	6.4	9.6#

Manual Integrations
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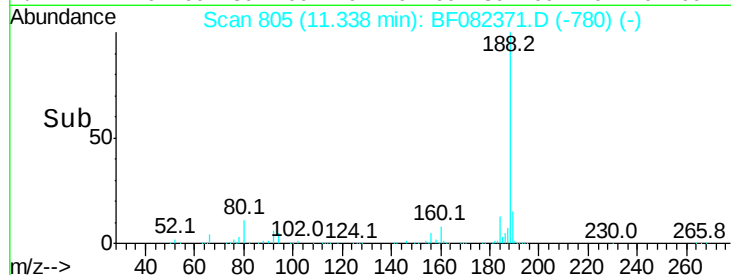


Abundance Ion 188.00 (187.70 to 188.70): E

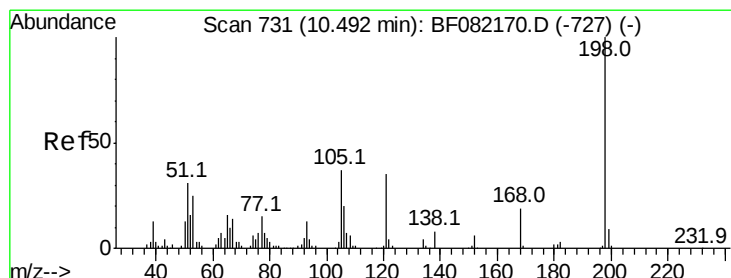
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 50.92 ng

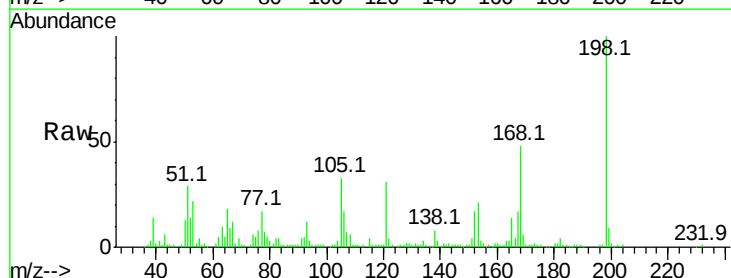
RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:198	Resp:	100986
Ion Ratio	Lower	Upper
198 100		
51 29.4	13.6	53.6
105 33.1	17.1	57.1

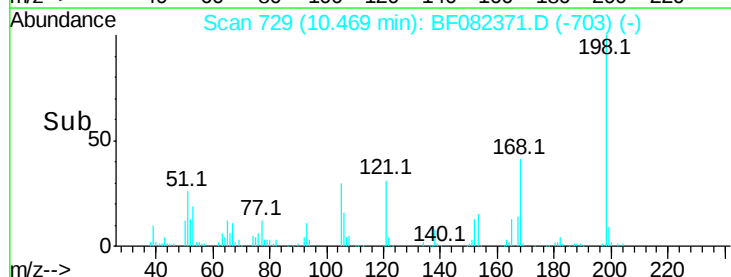


Abundance Ion 198.00 (197.70 to 198.70): E

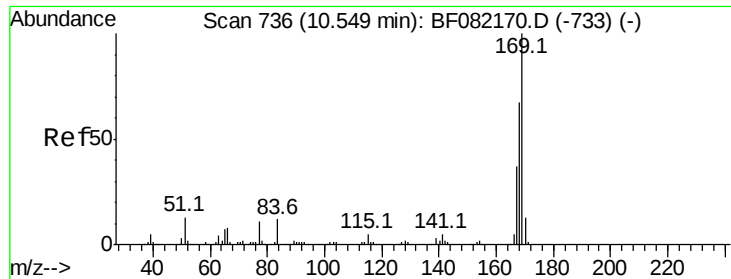
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



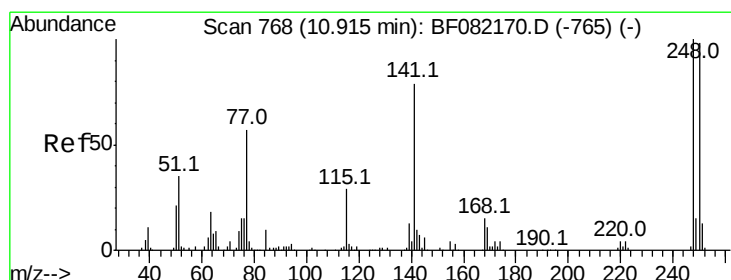
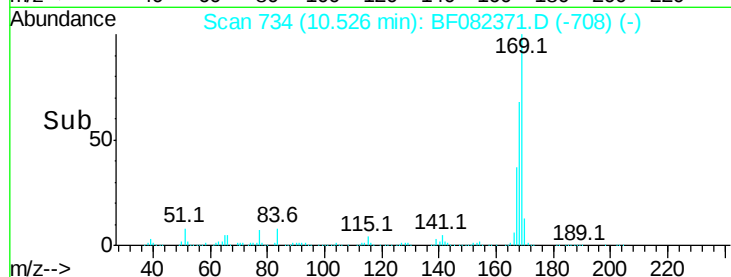
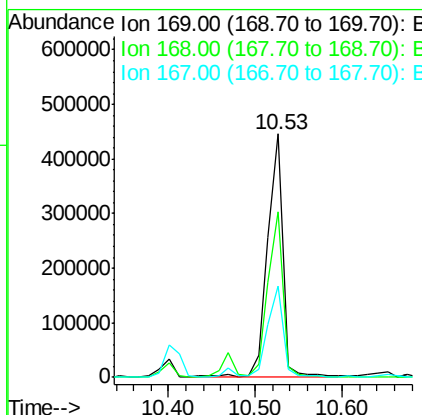
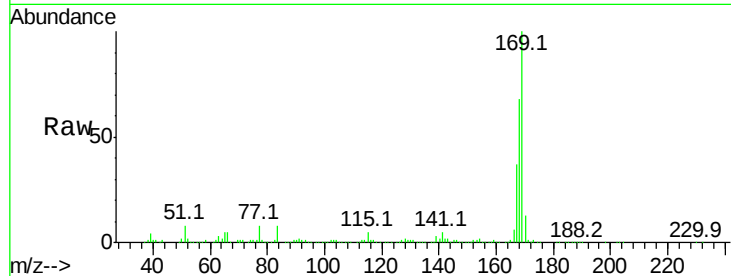
#65
n-Nitrosodiphenylamine
Concen: 51.37 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	67.8	54.0	81.0		
167	37.3	29.6	44.4		

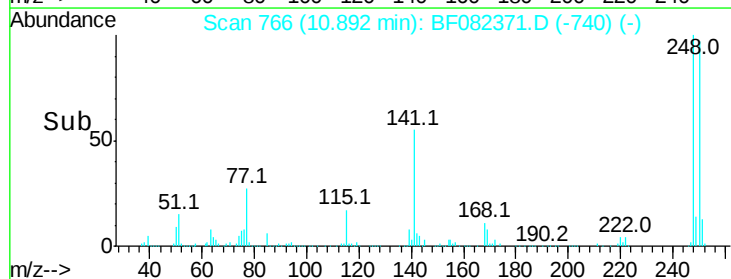
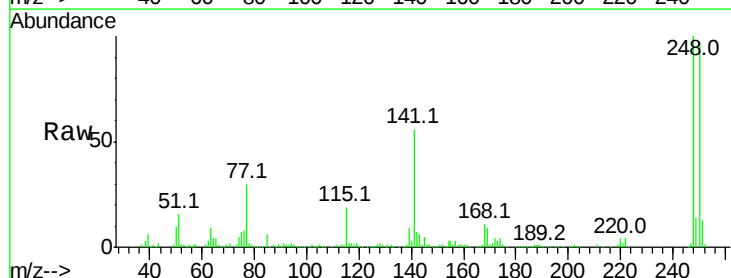
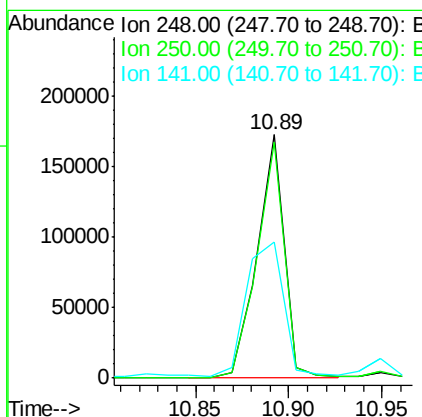
Manual Integrations
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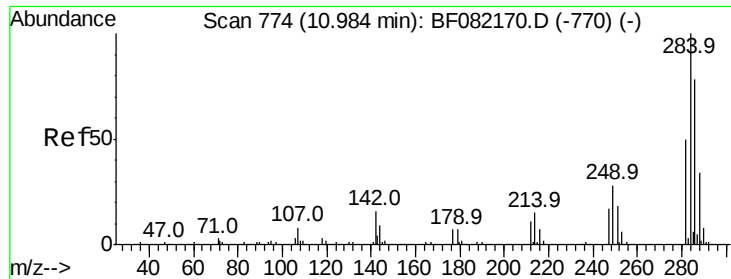
MMdadoda
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#66
4-Bromophenyl-phenylether
Concen: 49.07 ng
RT: 10.89 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	97.1	78.6	117.8		
141	56.0	63.3	94.9		





#67

Hexachlorobenzene

Concen: 44.12 ng

RT: 10.95 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

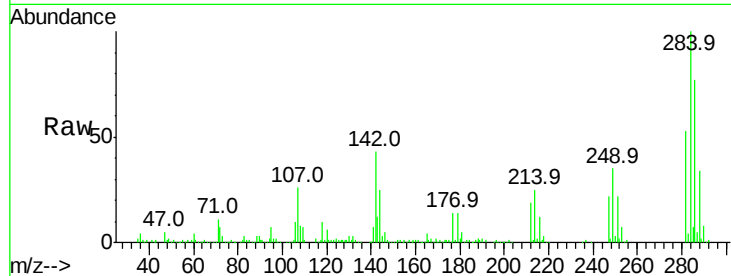
ClientSampleId :

PX3MSD

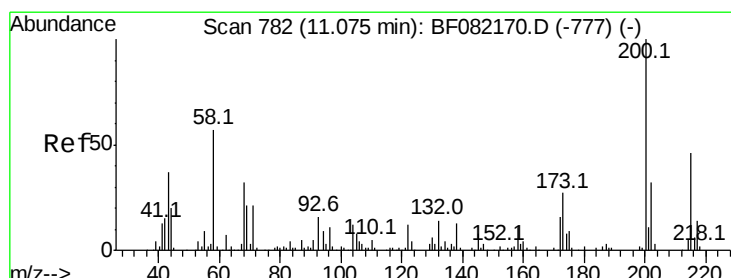
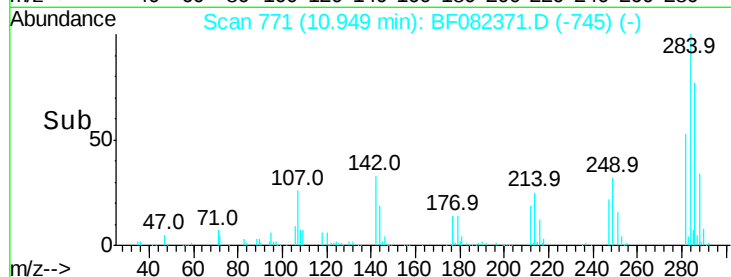
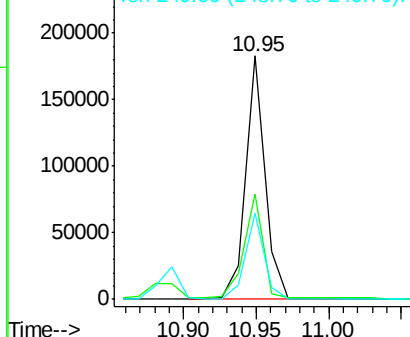
Tot Ion:	284	Resp:	168737
Ion Ratio		Lower	Upper
284	100		
142	43.3	13.0	19.6#
249	35.5	22.5	33.7#

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



#68

Atrazine

Concen: 51.91 ng

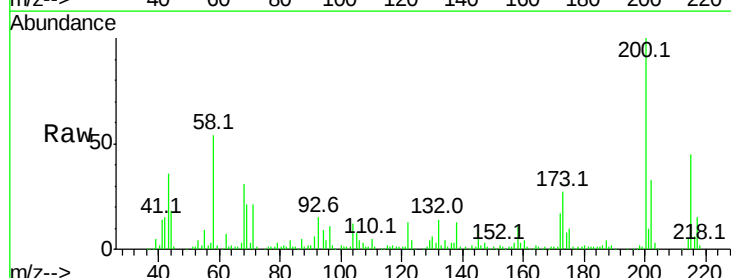
RT: 11.05 min Scan# 780

Delta R.T. 0.00 min

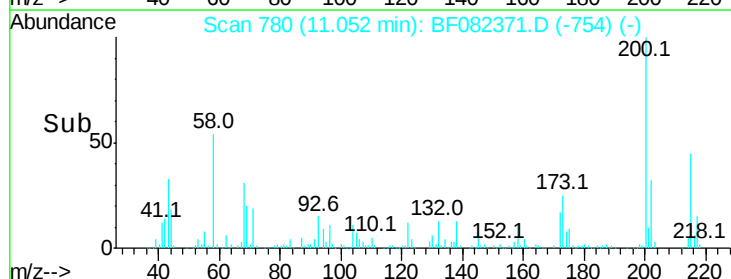
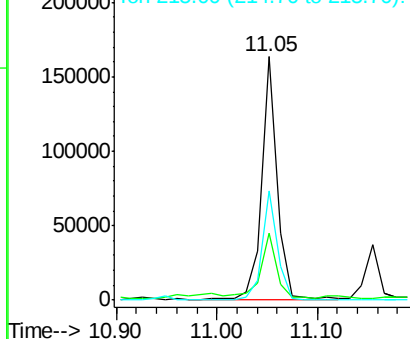
Lab File: BF082371.D

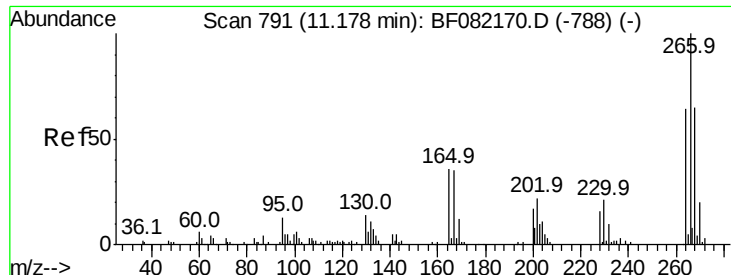
Acq: 19 Oct 2015 22:42

Tgt Ion:	200	Resp:	173990
Ion Ratio		Lower	Upper
200	100		
173	27.3	7.3	47.3
215	45.0	26.2	66.2



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





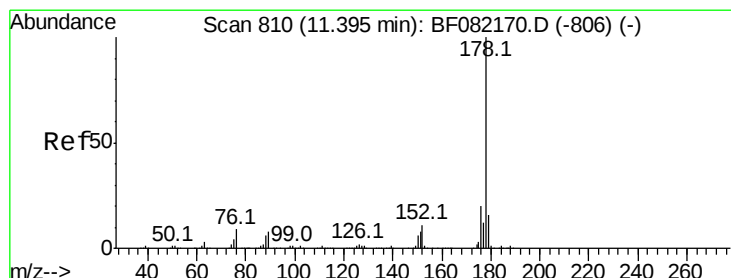
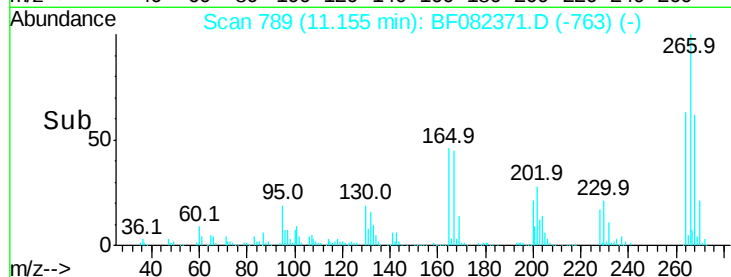
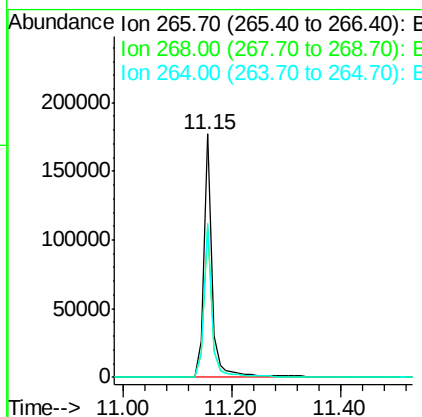
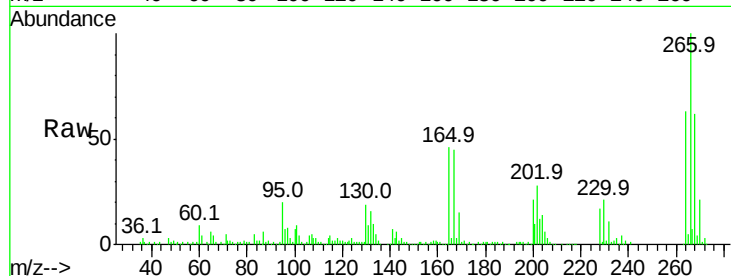
#69
 Pentachlorophenol
 Concen: 93.74 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	184497		
268	61.9	52.0	78.0	
264	63.1	51.4	77.0	

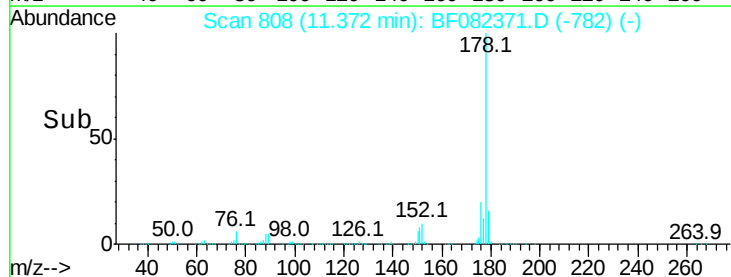
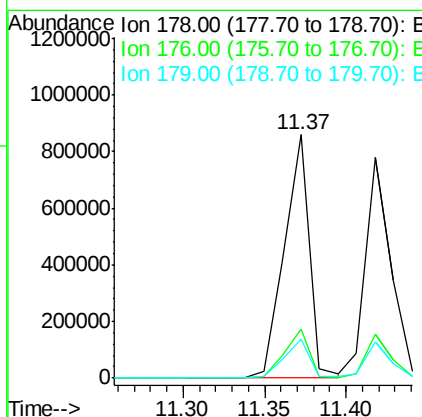
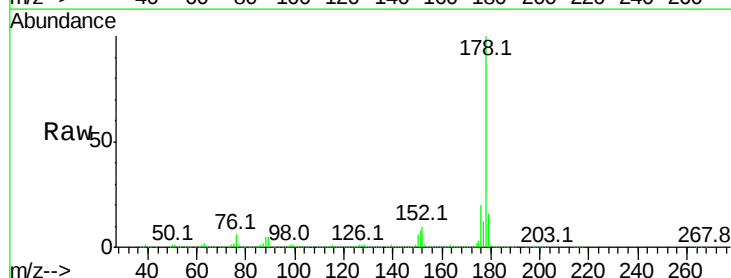
Manual Integrations
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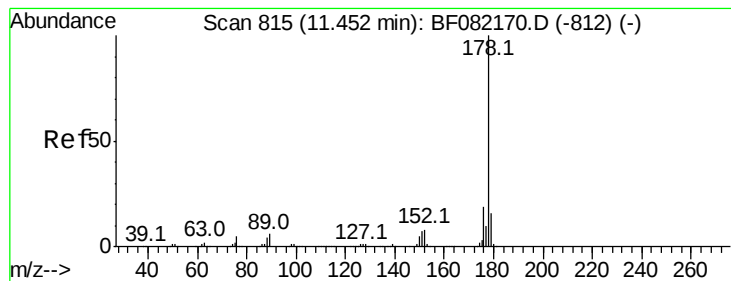
MMdadoda
 10/20/2015 6:25:51 PM



#70
 Phenanthrene
 Concen: 53.12 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	920078		
176	20.3	16.0	24.0	
179	15.7	12.6	19.0	





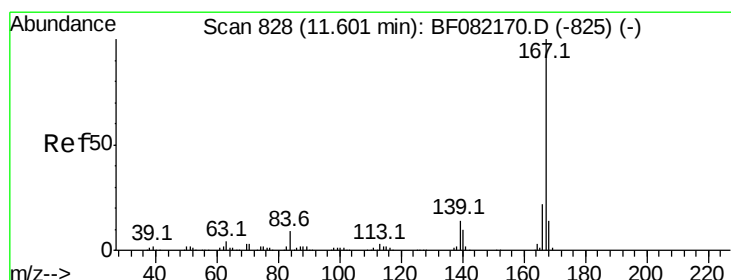
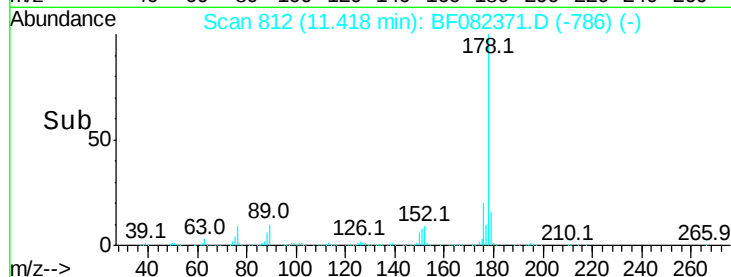
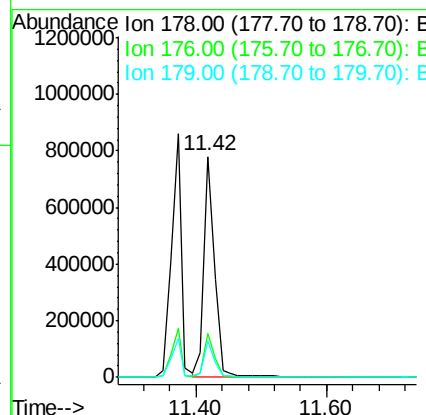
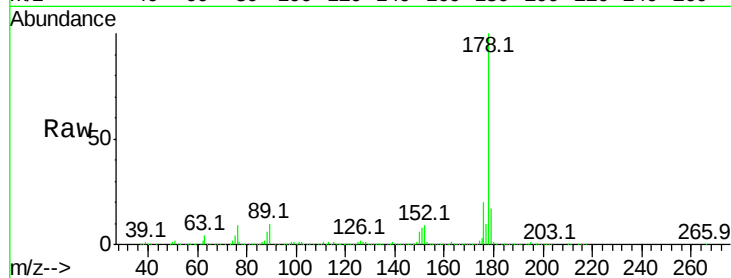
#71
 Anthracene
 Concen: 49.19 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampled :
 PX3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.5	12.5	18.7

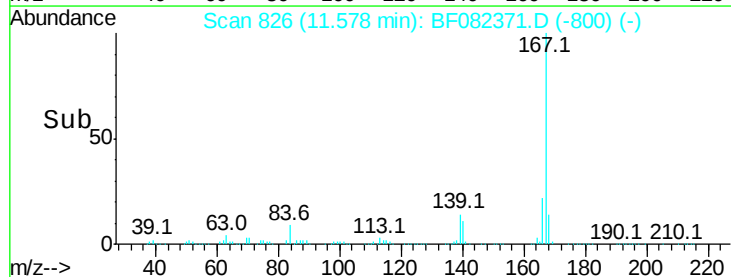
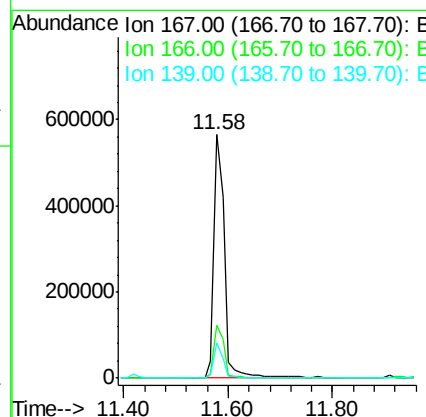
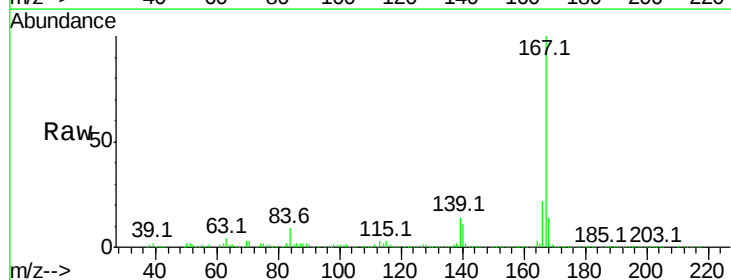
Manual Integrations
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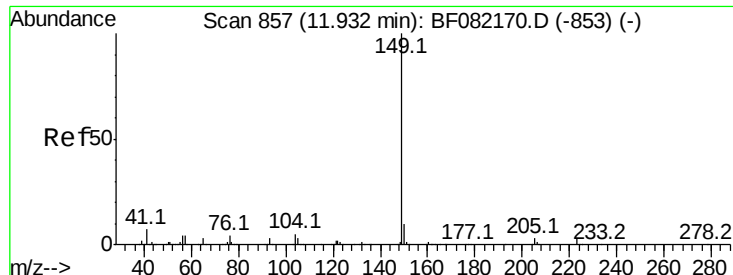
MMdadoda
 10/20/2015 6:25:51 PM



#72
 Carbazole
 Concen: 47.97 ng
 RT: 11.58 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	14.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 50.56 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

Tot Ion:149 Resp: 1015601

Ion Ratio Lower Upper

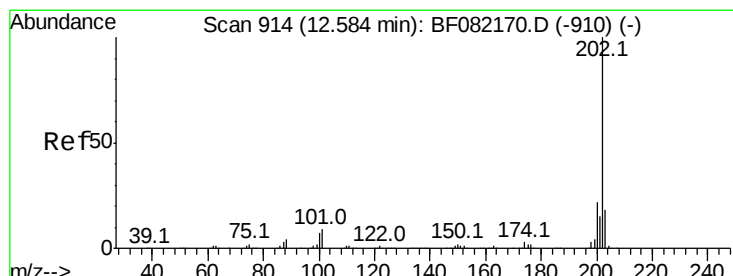
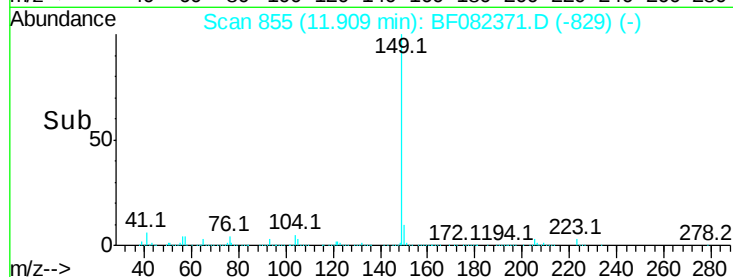
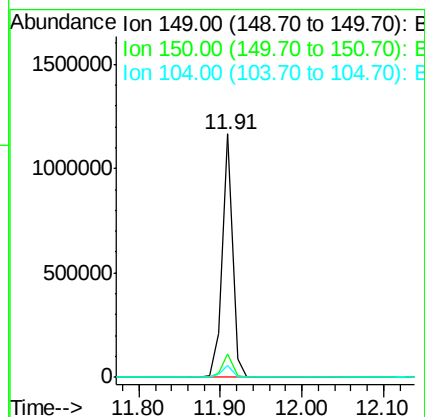
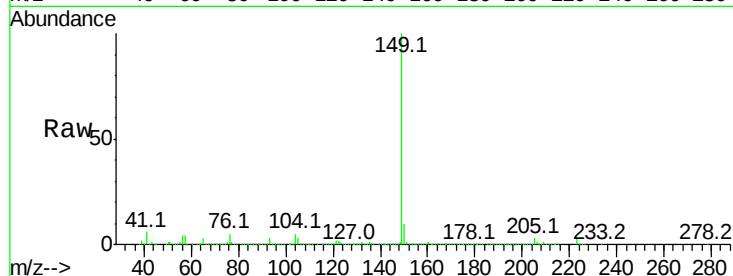
149 100

150 9.9 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:25:51 PM



#74

Fluoranthene

Concen: 48.59 ng

RT: 12.56 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

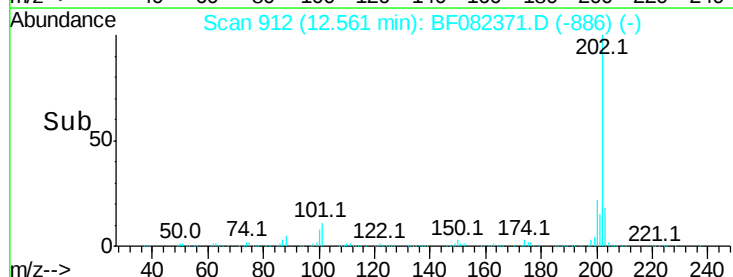
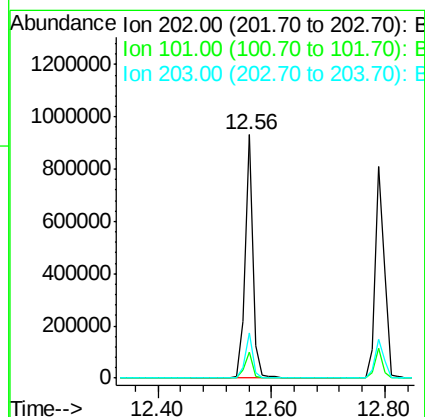
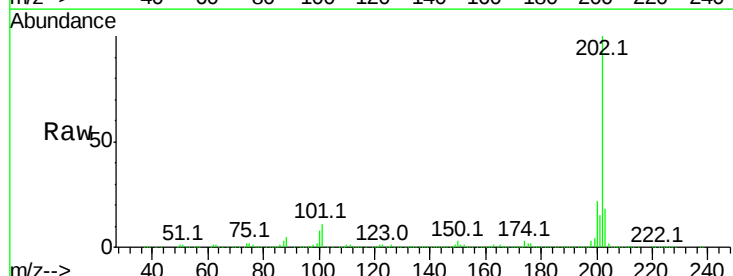
Tgt Ion:202 Resp: 903927

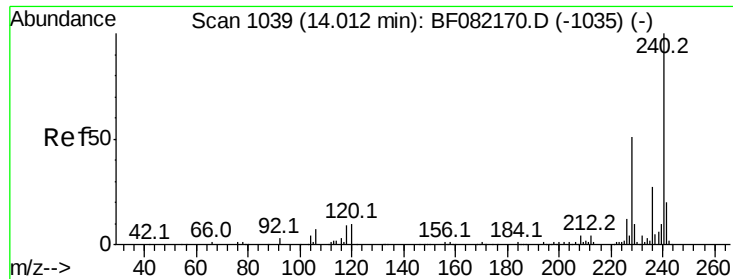
Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

203 18.4 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

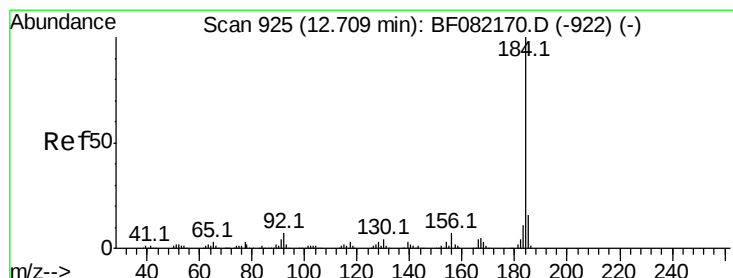
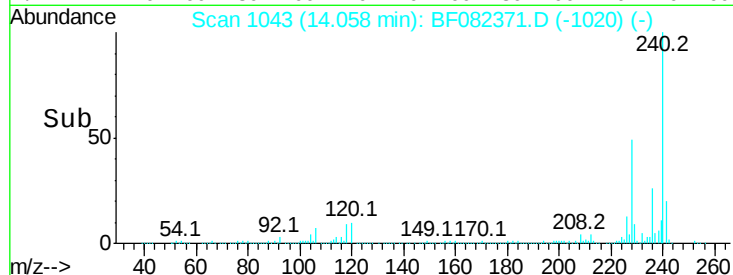
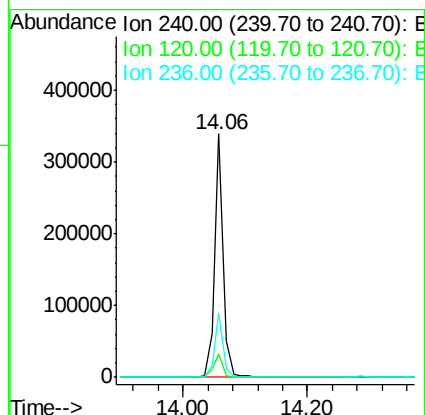
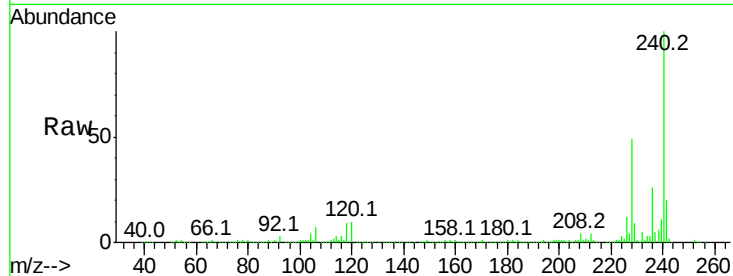
ClientSampleId :

PX3MSD

Tot Ion:	240	Resp:	323005
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.1	12.1
236	26.4	21.3	31.9

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#76

Benzidine

Concen: 26.92 ng

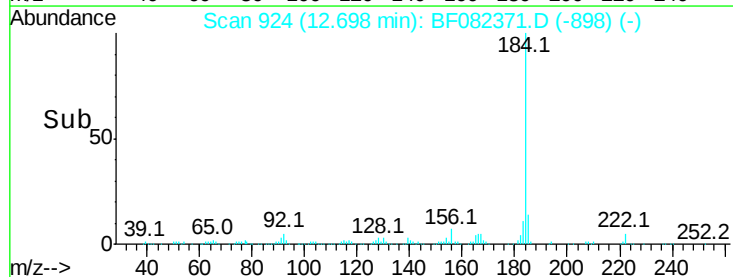
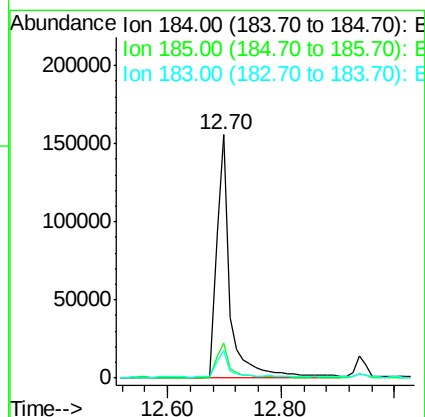
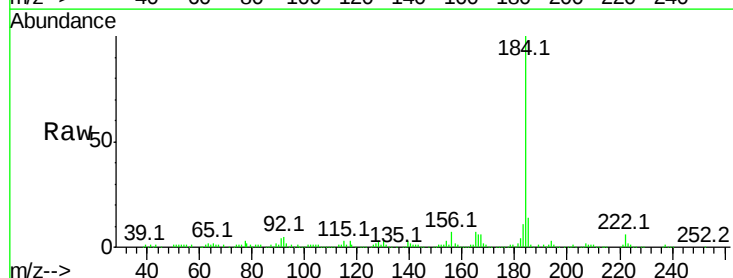
RT: 12.70 min Scan# 924

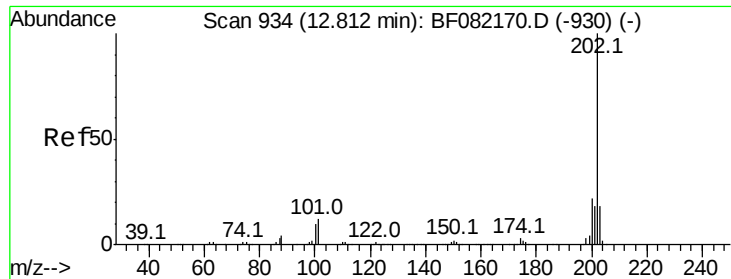
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:	184	Resp:	252019
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.5	18.7
183	11.3	9.1	13.7





#77

Pvrene

Concen: 48.09 ng

RT: 12.79 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

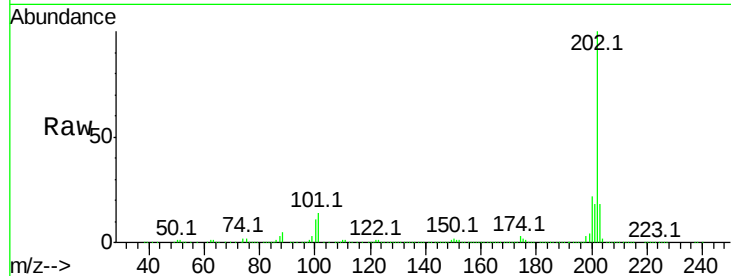
ClientSampleId :

PX3MSD

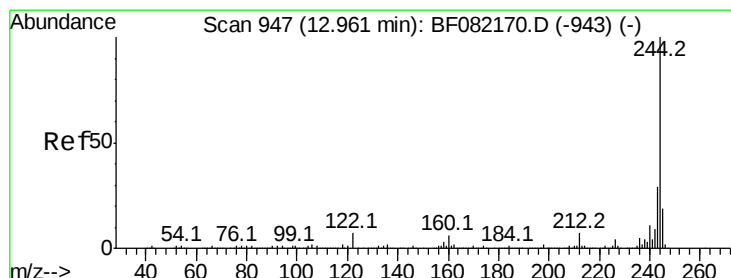
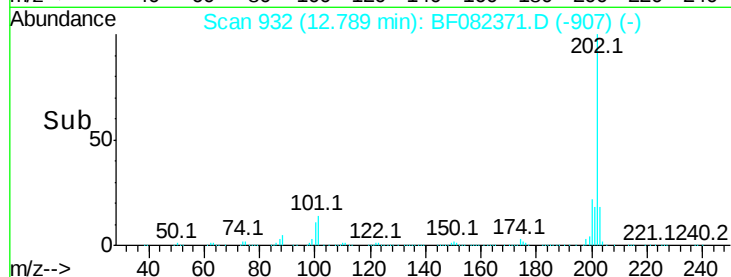
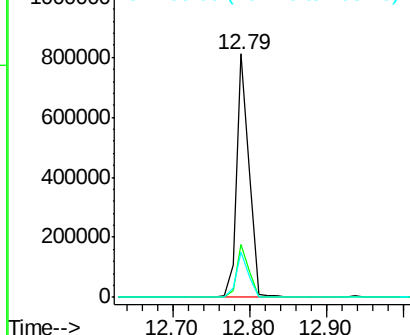
Tot Ion:	202	Resp:	921847
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.3	14.5	21.7

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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: 97.98 ng

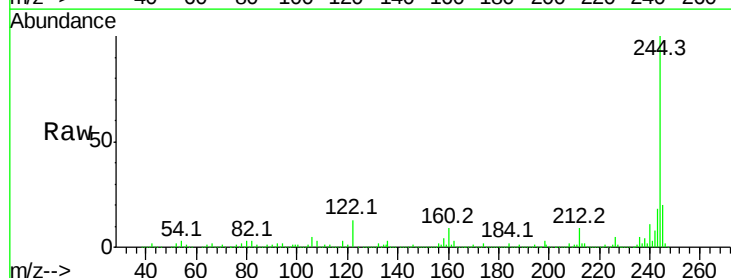
RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

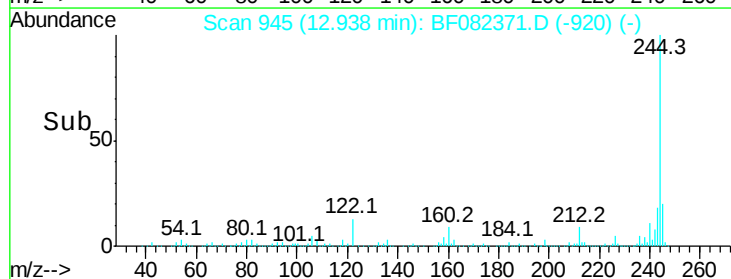
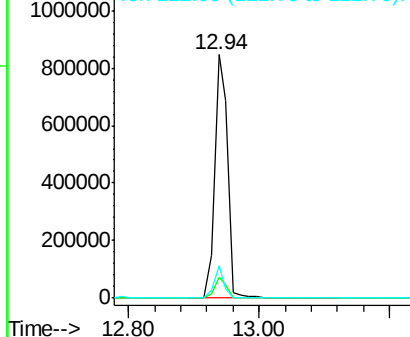
Lab File: BF082371.D

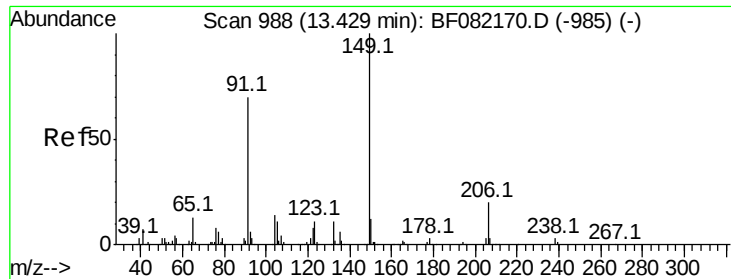
Acq: 19 Oct 2015 22:42

Tgt Ion:	244	Resp:	1194330
Ion Ratio		Lower	Upper
244	100		
212	8.6	5.8	8.6
122	13.3	5.9	8.9#



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: 54.02 ng

RT: 13.44 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

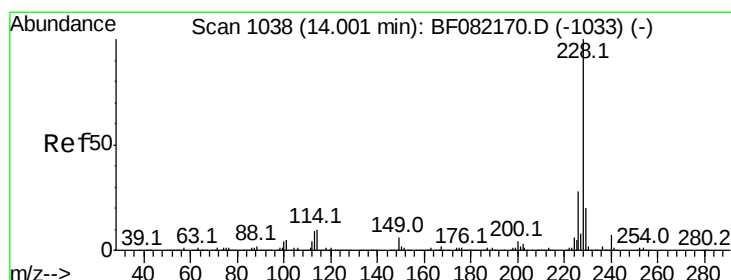
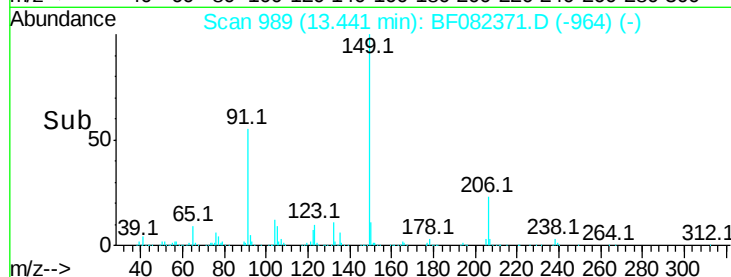
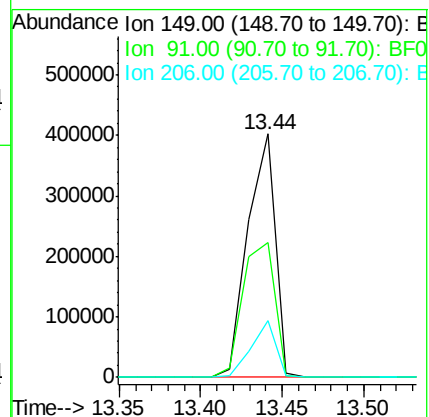
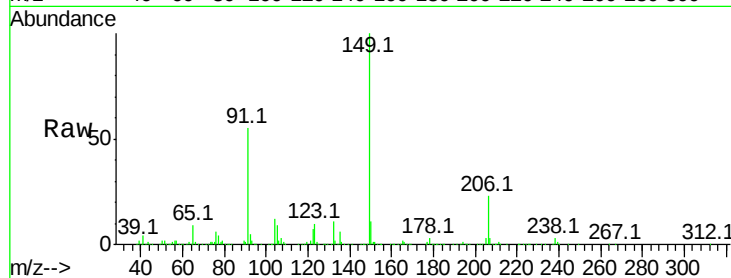
PX3MSD

Tot Ion:149 Resp: 472523
Ion Ratio Lower Upper

149	100		
91	55.3	55.7	83.5#
206	23.1	15.6	23.4

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#80

Benzo(a)anthracene

Concen: 48.58 ng

RT: 14.05 min Scan# 1042

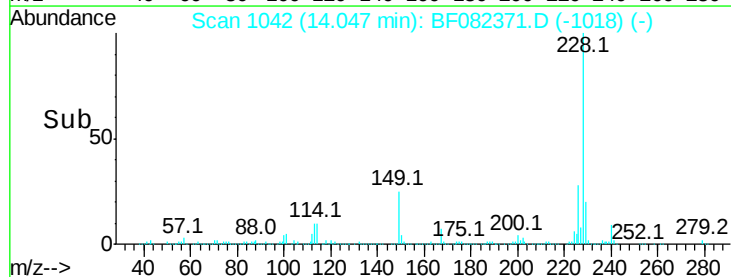
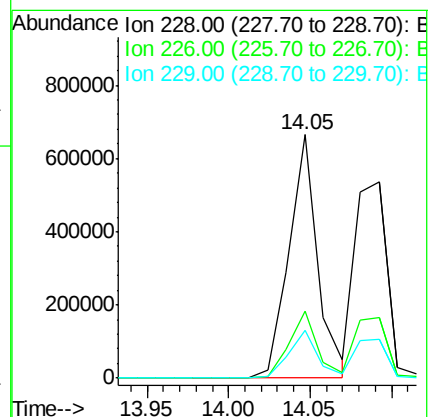
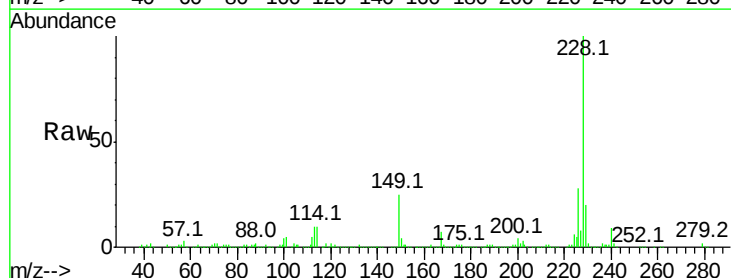
Delta R.T. -0.02 min

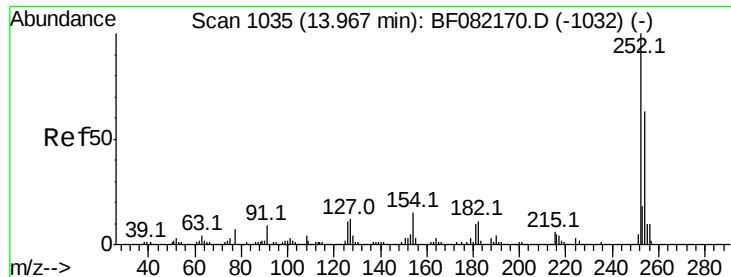
Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:228 Resp: 816483
Ion Ratio Lower Upper

228	100		
226	27.6	22.3	33.5
229	19.7	16.2	24.2





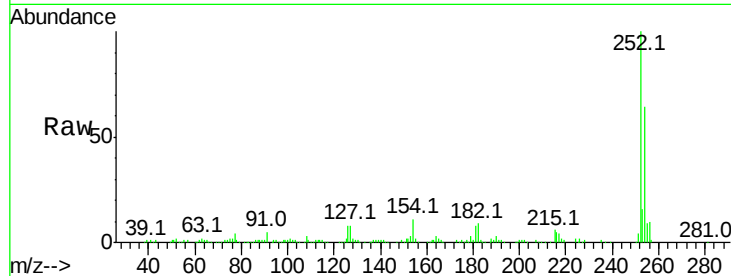
#81
 3,3'-Dichlorobenzidine
 Concen: 24.80 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

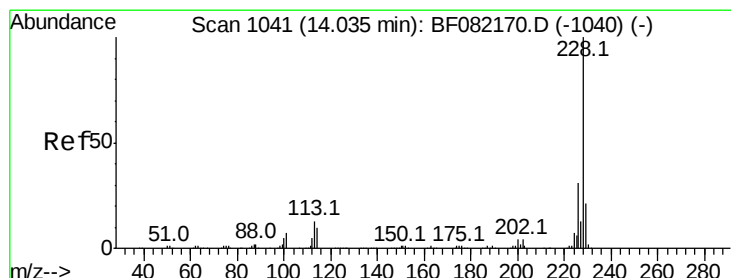
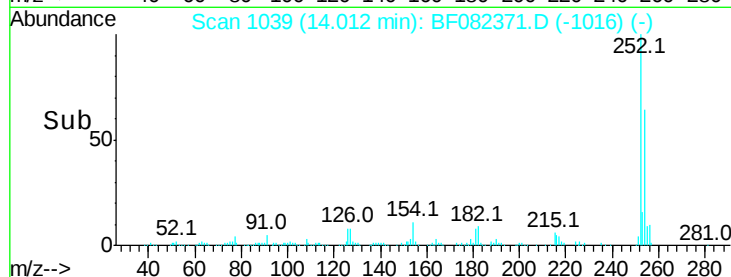
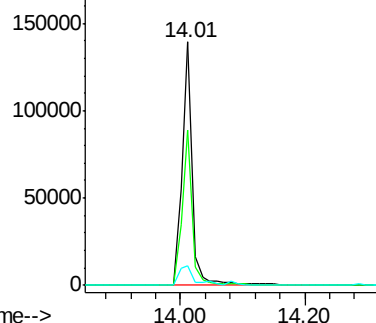
Tot Ion	Ratio	Resp	Lower	Upper
252	100	158184		
254	63.5	50.7	76.1	
126	7.8	9.0	13.6	

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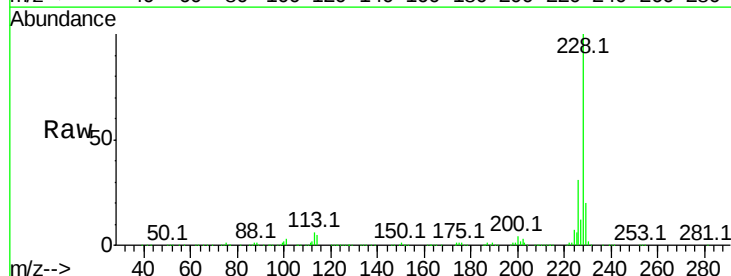


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

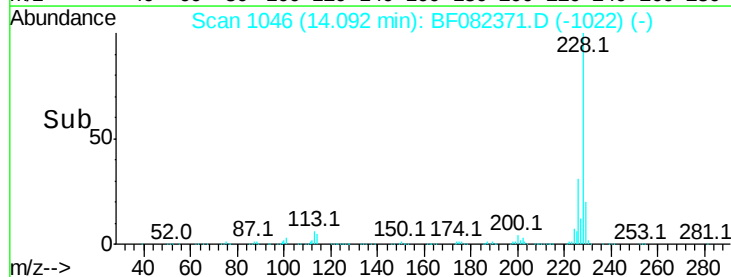
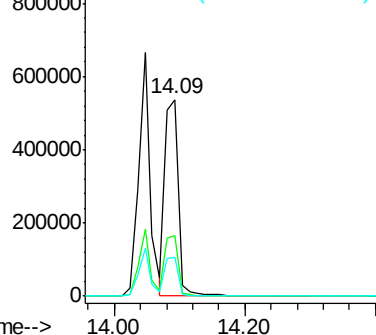


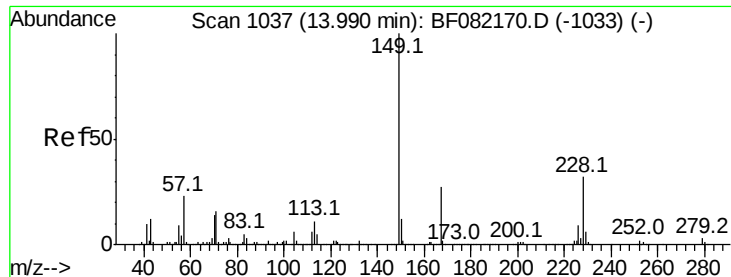
#82
 Chrysene
 Concen: 43.18 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	764580		
226	30.9	24.4	36.6	
229	19.7	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: 47.77 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

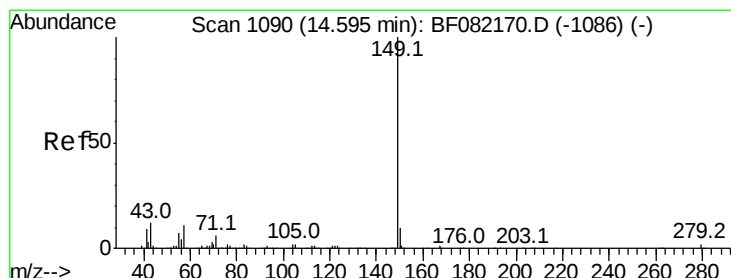
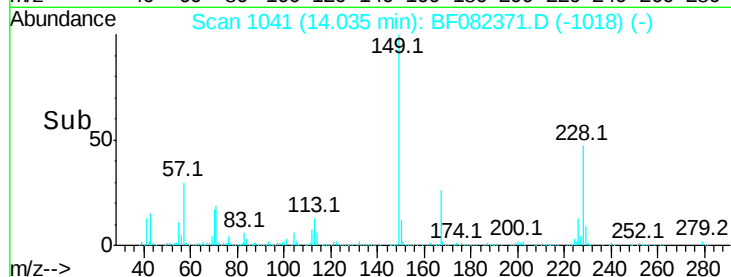
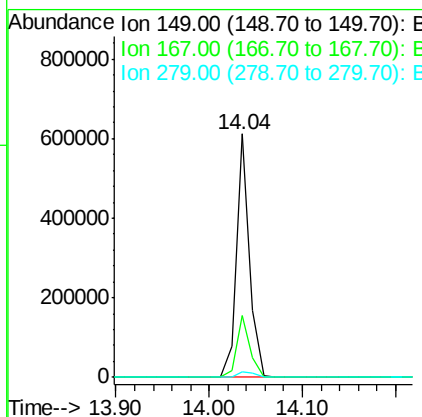
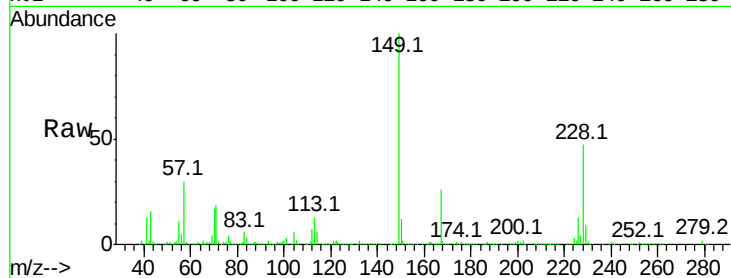
ClientSampleId :

PX3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596233		
167	25.7		21.3	31.9
279	2.4		2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 49.74 ng

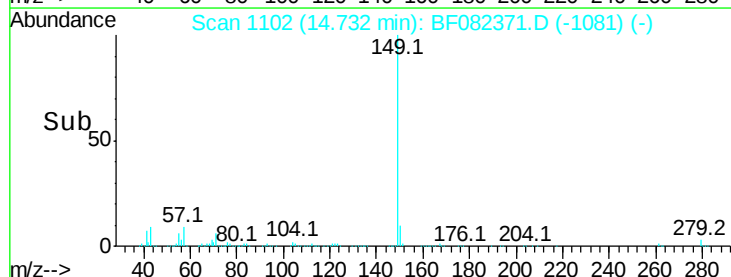
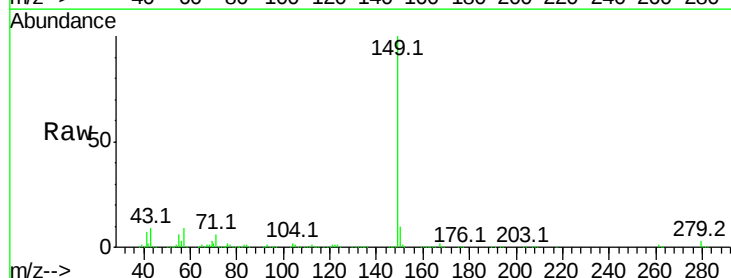
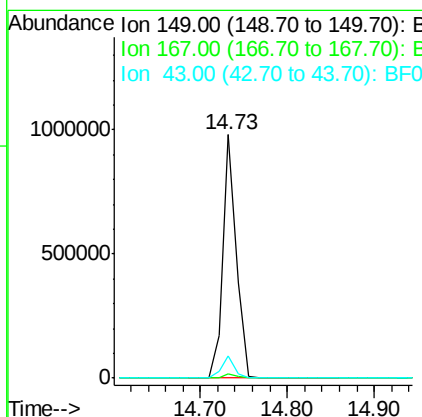
RT: 14.73 min Scan# 1102

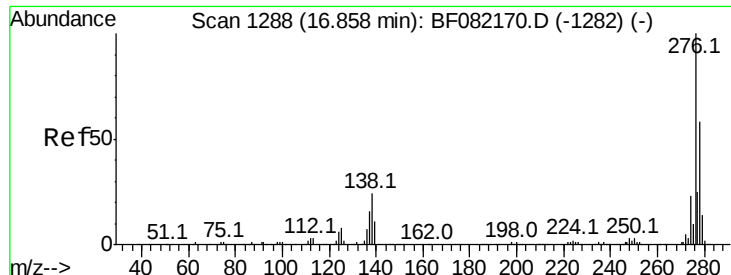
Delta R.T. -0.06 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1066164		
167	1.6		1.3	1.9
43	8.9		7.4	11.2





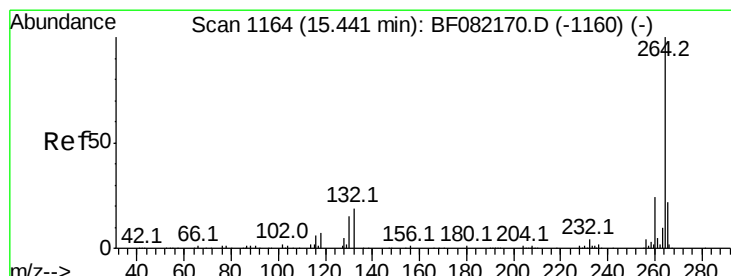
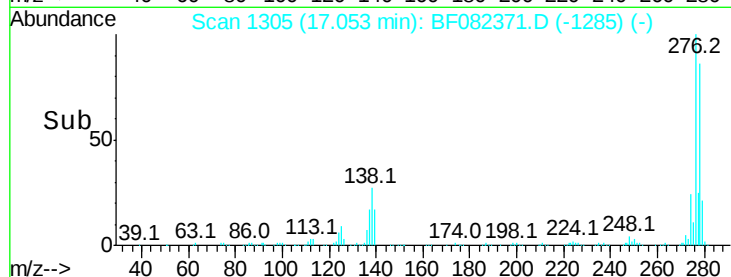
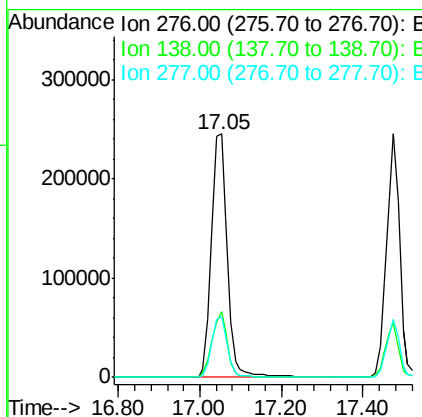
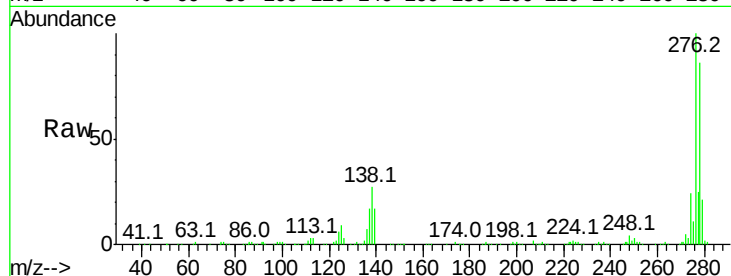
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.51 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.7	20.1	30.1

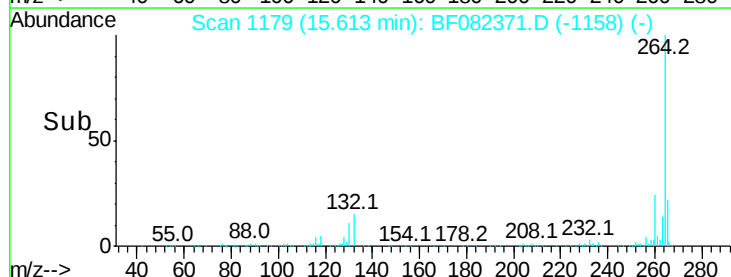
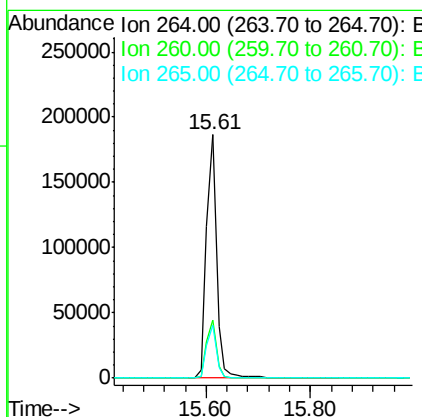
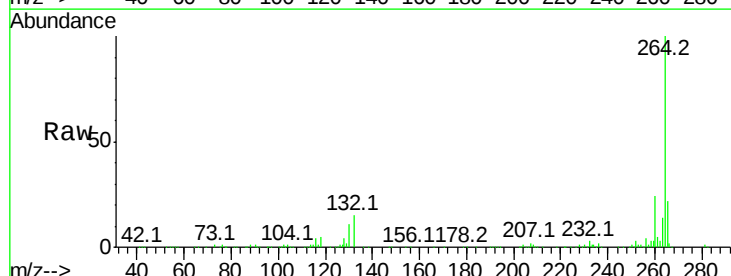
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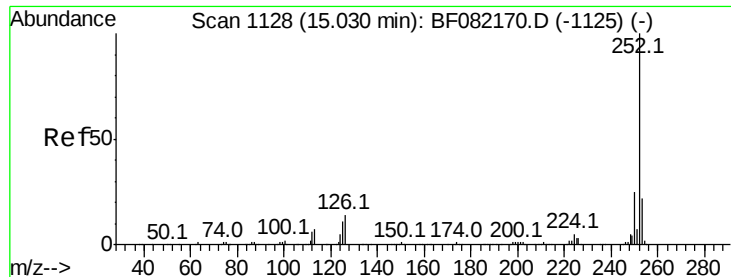
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1179
Delta R.T. -0.06 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.6	17.3	25.9





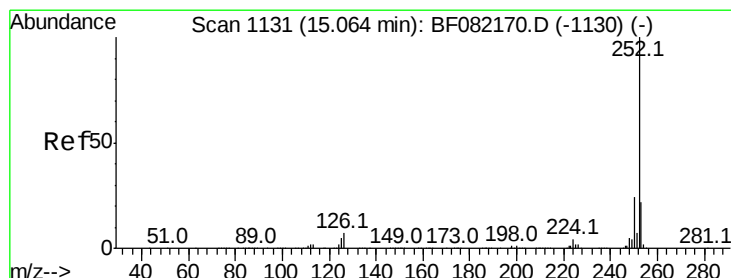
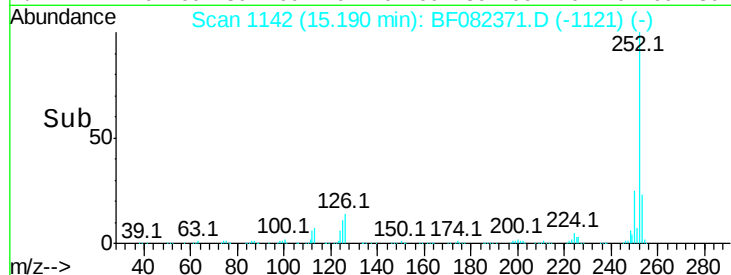
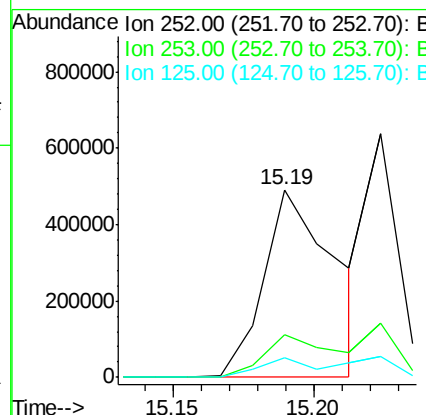
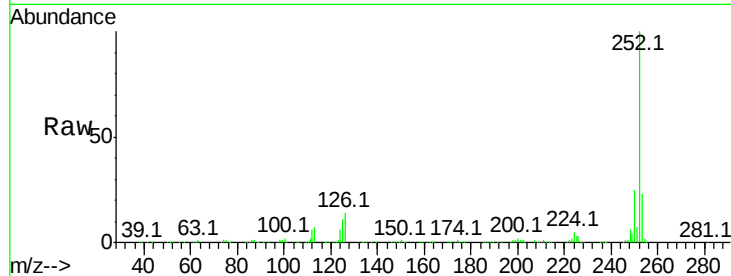
#87
Benzo(b)fluoranthene
Concen: 56.22 ng m
RT: 15.19 min Scan# 1142
Delta R.T. -0.06 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.7	8.6	12.8

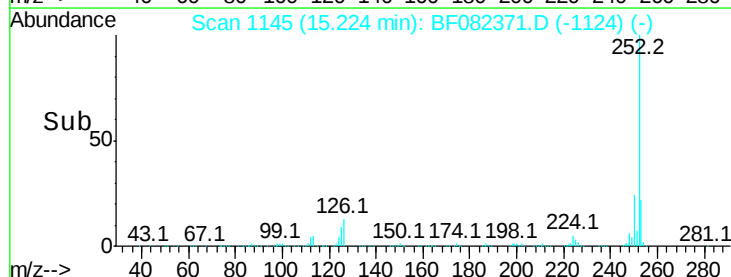
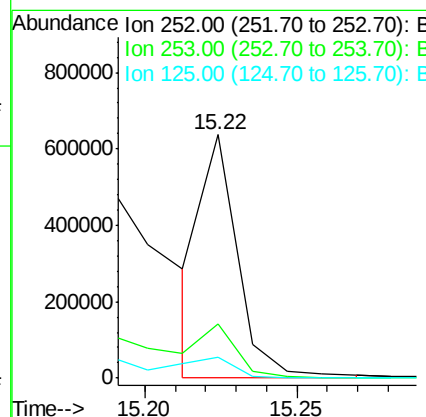
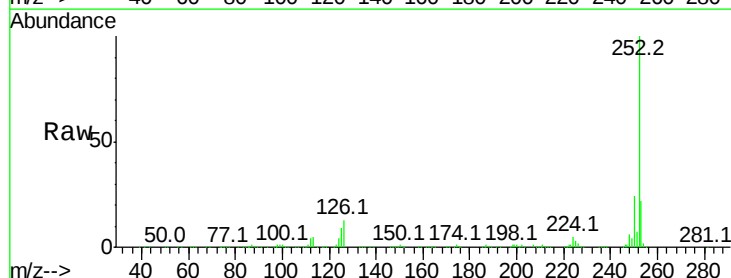
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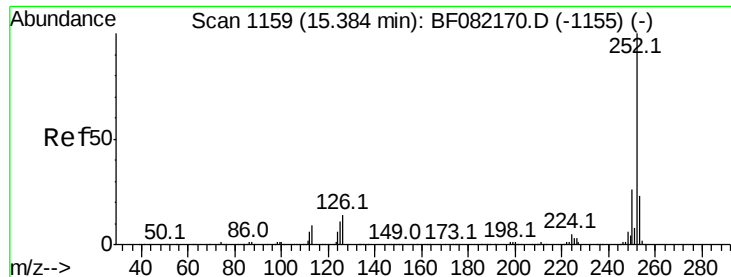
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#88
Benzo(k)fluoranthene
Concen: 40.26 ng m
RT: 15.22 min Scan# 1145
Delta R.T. -0.06 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	8.8	6.7	10.1





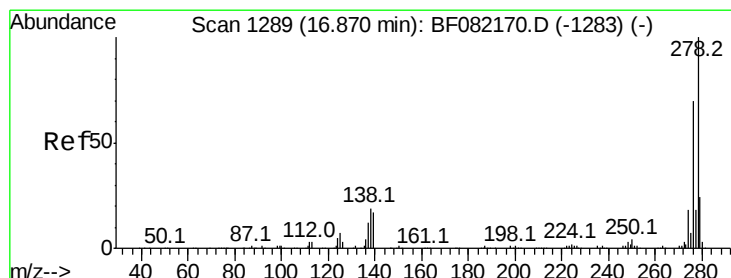
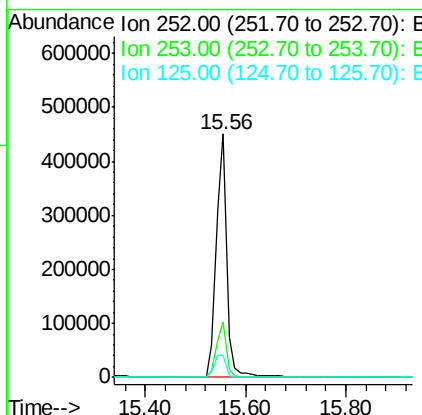
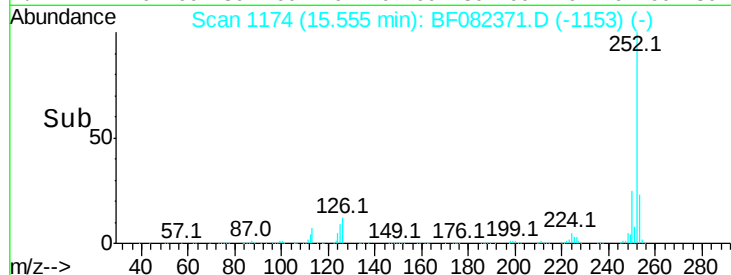
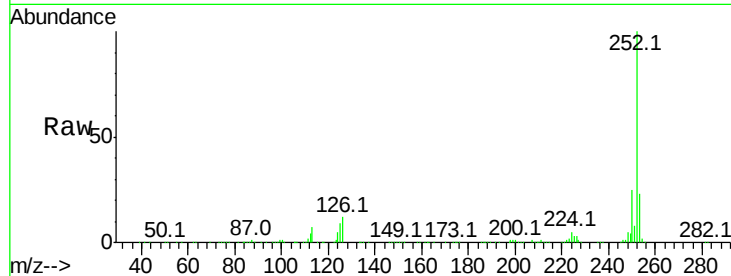
#89
Benzo(a)pyrene
Concen: 49.11 ng
RT: 15.56 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.9	8.9	13.3

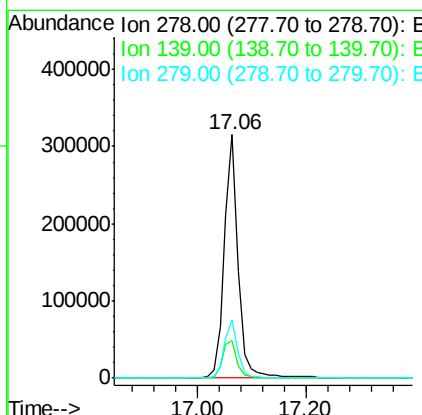
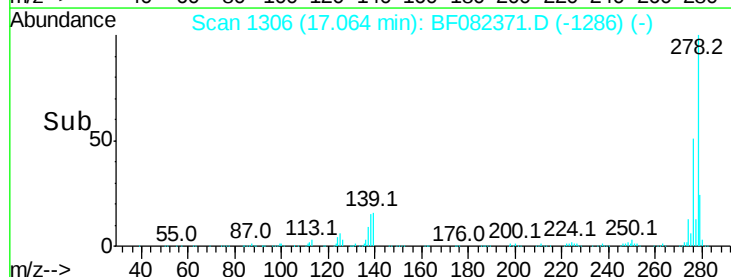
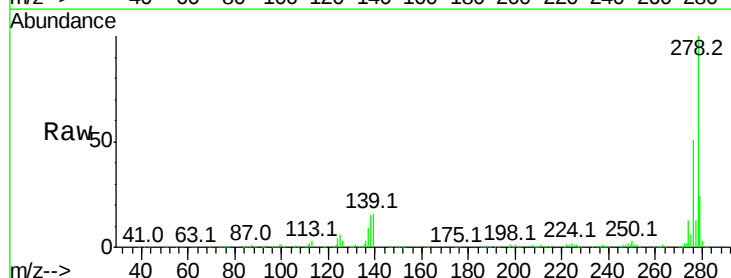
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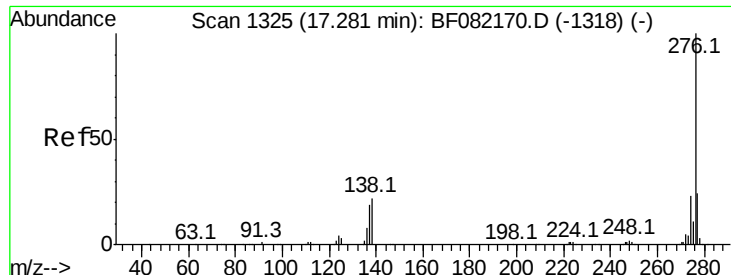
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#90
Dibenzo(a,h)anthracene
Concen: 51.93 ng
RT: 17.06 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.3	19.9
279	23.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 53.24 ng
 RT: 17.48 min Scan# 1342
 Delta R.T. -0.07 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:	276	Resp:	561681
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	22.1	17.4	26.2

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