

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085990.D
 Acq On : 2 Apr 2016 4:59
 Operator : UM/SJ
 Sample : PB89385BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:38:13 PM

Quant Time: Apr 02 05:34:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111445	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	441266	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	214653	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	405429	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	341394	20.00	ng	0.00
86) Perylene-d12	15.33	264	243906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	558157	85.61	ng	0.01
7) Phenol-d6	6.42	99	713148	86.11	ng	0.00
23) Nitrobenzene-d5	7.34	82	599609	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	181030	89.85	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1133428	87.79	ng	0.00
78) Terphenyl-d14	12.88	244	1080385	74.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	85758	27.74	ng	98
3) Pyridine	3.07	79	295000	42.63	ng	99
4) n-Nitrosodimethylamine	3.02	42	113937	37.44	ng	96
6) Aniline	6.44	93	111634	10.27	ng	# 85
8) 2-Chlorophenol	6.56	128	303318	39.01	ng	96
9) Benzaldehyde	6.33	77	53756	12.06	ng	97
10) Phenol	6.43	94	396539	41.98	ng	92
11) bis(2-Chloroethyl)ether	6.51	93	262921	35.15	ng	97
12) 1,3-Dichlorobenzene	6.72	146	306217	37.16	ng	98
13) 1,4-Dichlorobenzene	6.78	146	310903	36.62	ng	99
14) 1,2-Dichlorobenzene	6.94	146	294431	37.68	ng	99
15) Benzyl Alcohol	6.92	79	197873	36.93	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	328301	35.92	ng	90
17) 2-Methylphenol	7.04	107	237297	38.71	ng	97
18) Hexachloroethane	7.28	117	113299	36.28	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	199623	38.89	ng	98
20) 3+4-Methylphenols	7.20	107	303492	40.70	ng	91
22) Acetophenone	7.18	105	391930	37.78	ng	# 93
24) Nitrobenzene	7.36	77	294565	35.98	ng	97
25) Isophorone	7.60	82	545165	36.91	ng	100
26) 2-Nitrophenol	7.68	139	151735	38.74	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	265908	37.80	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	350240	40.41	ng	99
29) 2,4-Dichlorophenol	7.93	162	239395	40.25	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	252531	37.83	ng	94
31) Naphthalene	8.08	128	810937	36.54	ng	99
32) Benzoic acid	7.87	122	177078	34.31	ng	98
33) 4-Chloroaniline	8.16	127	27088	3.02	ng	99
34) Hexachlorobutadiene	8.20	225	130963	36.49	ng	99
35) Caprolactam	8.51	113	83230m	44.12	ng	
36) 4-Chloro-3-methylphenol	8.64	107	274497	41.06	ng	88
37) 2-Methylnaphthalene	8.77	142	585584	40.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	230772	35.77	ng	99
40) Hexachlorocyclopentadiene	8.92	237	184621	79.31	ng	99

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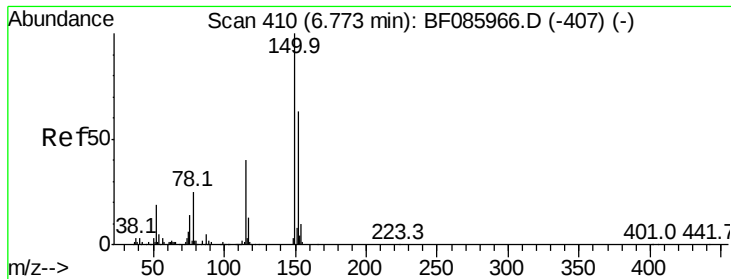
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	156805	37.85	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	175741	41.78	nq	# 95
45) 1,1'-Biphenyl	9.23	154	657081	35.50	nq	99
46) 2-Chloronaphthalene	9.26	162	519617	38.73	nq	99
47) 2-Nitroaniline	9.37	65	152430	38.83	nq	# 74
48) Acenaphthylene	9.68	152	844817	39.31	nq	99
49) Dimethylphthalate	9.54	163	593683	37.32	nq	100
50) 2,6-Dinitrotoluene	9.61	165	148099	44.00	nq	# 78
51) Acenaphthene	9.85	154	509475	39.86	nq	99
52) 3-Nitroaniline	9.78	138	28588	7.05	nq	89
53) 2,4-Dinitrophenol	9.89	184	152379	70.09	nq	# 67
54) Dibenzofuran	10.02	168	732584	43.40	nq	99
55) 4-Nitrophenol	9.95	139	182734	76.41	nq	95
56) 2,4-Dinitrotoluene	10.01	165	165918	39.01	nq	# 32
57) Fluorene	10.36	166	586164	40.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	135411	43.24	nq	96
59) Diethylphthalate	10.24	149	603141	37.56	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	260994	38.86	nq	97
61) 4-Nitroaniline	10.38	138	109188	27.33	nq	84
62) Azobenzene	10.51	77	661299	42.99	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	96338	39.21	nq	92
65) n-Nitrosodiphenylamine	10.48	169	401823	31.69	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	167300	40.42	nq	# 92
67) Hexachlorobenzene	10.91	284	177899	41.56	nq	97
68) Atrazine	11.00	200	86790	21.18	nq	97
69) Pentachlorophenol	11.10	266	166666	83.08	nq	99
70) Phenanthrene	11.32	178	906174	40.97	nq	100
71) Anthracene	11.37	178	837930	36.17	nq	100
72) Carbazole	11.53	167	575552	28.90	nq	100
73) Di-n-butylphthalate	11.86	149	1043167	42.27	nq	100
74) Fluoranthene	12.50	202	867588	37.71	nq	99
76) Benzidine	12.64	184	55433	4.60	nq	99
77) Pyrene	12.73	202	856735	35.61	nq	99
79) Butylbenzylphthalate	13.35	149	414269	38.24	nq	# 74
80) Benzo(a)anthracene	13.92	228	750748	37.31	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	36539	2.49	nq	99
82) Chrysene	13.95	228	698104	36.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	550810	38.31	nq	100
84) Di-n-octyl phthalate	14.52	149	979928	42.68	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	583951	37.13	nq	99
87) Benzo(b)fluoranthene	14.93	252	874271m	56.98	nq	
88) Benzo(k)fluoranthene	14.97	252	498913m	36.72	nq	
89) Benzo(a)pyrene	15.28	252	618926	45.53	nq	99
90) Dibenzo(a,h)anthracene	16.69	278	501918	45.89	nq	98
91) Benzo(g,h,i)perylene	17.09	276	457298	43.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

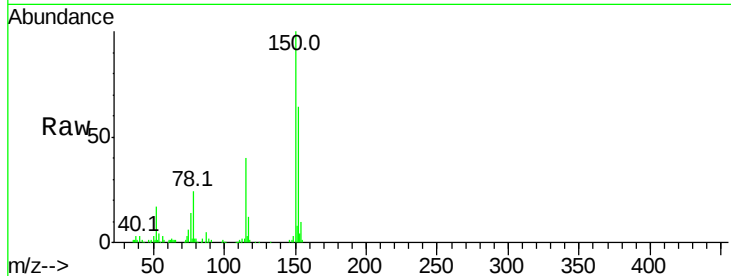
ClientSampleId :

PB89385BS

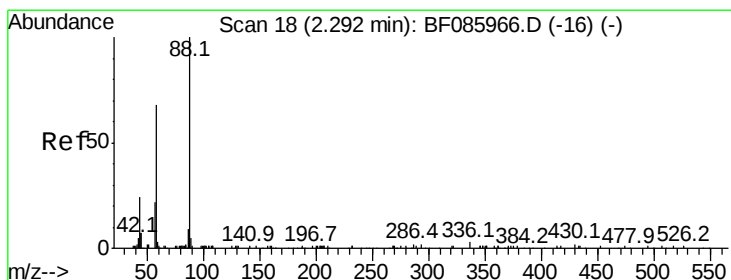
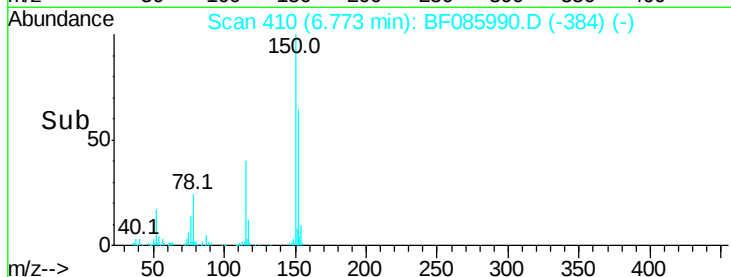
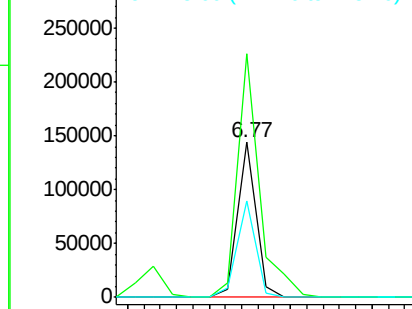
Tot Ion:	152	Resp:	111445
Ion Ratio	Lower	Upper	
152	100		
150	157.2	124.2	186.2
115	62.5	47.0	70.6

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



#2

1,4-Dioxane

Concen: 27.74 ng

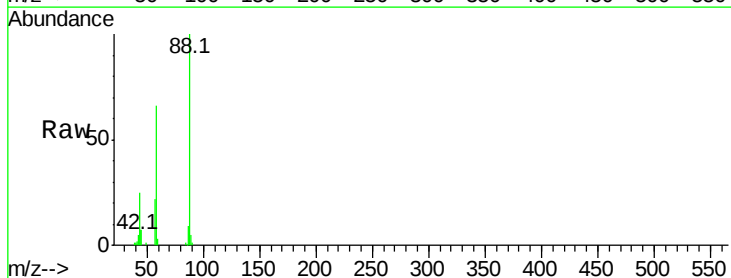
RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

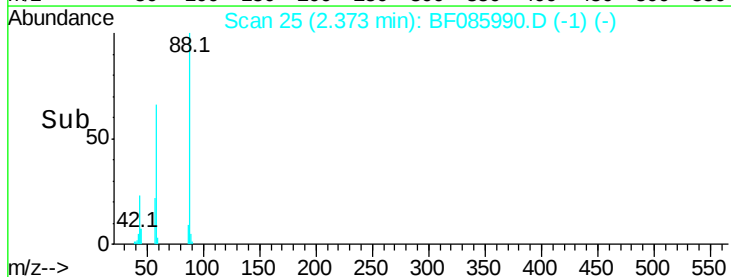
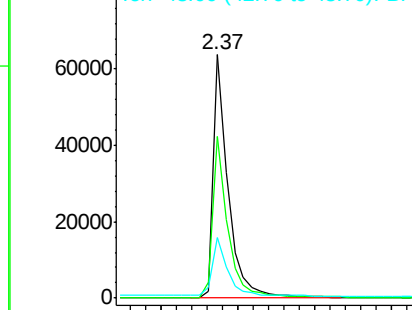
Lab File: BF085990.D

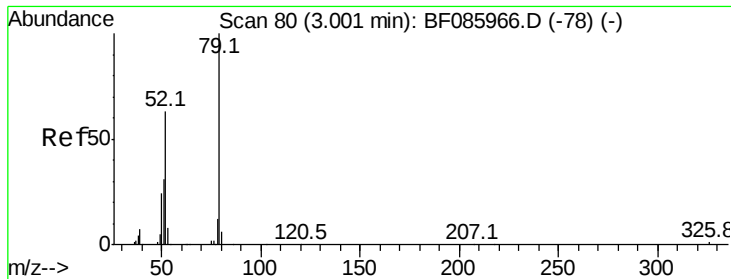
Acq: 2 Apr 2016 4:59

Tgt Ion:	88	Resp:	85758
Ion Ratio	Lower	Upper	
88	100		
58	69.1	54.2	81.2
43	25.7	19.3	28.9



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





#3

Pvridine

Concen: 42.63 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

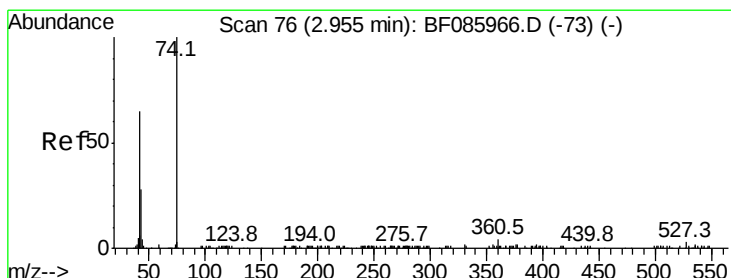
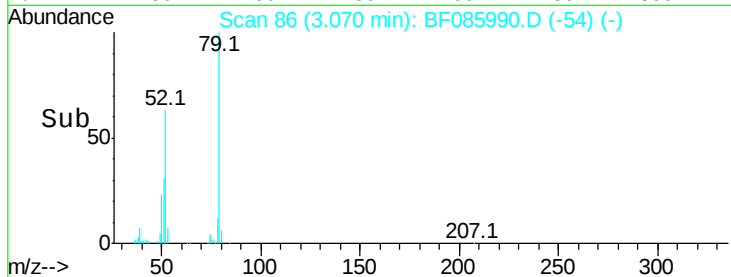
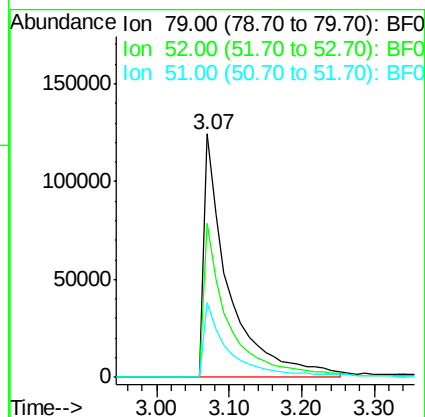
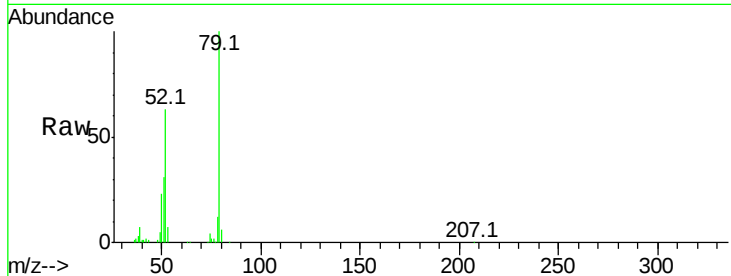
ClientSampleId :

PB89385BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	295000		
52	52	63.3		49.8	74.6
51	51	30.8		24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 37.44 ng

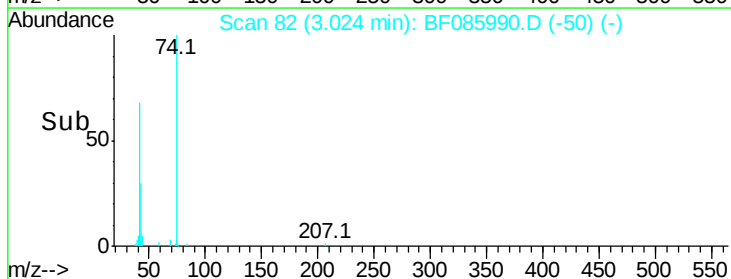
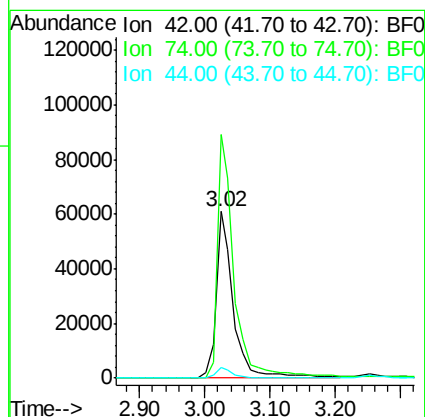
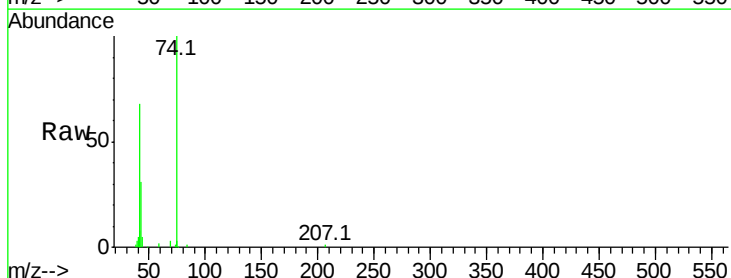
RT: 3.02 min Scan# 82

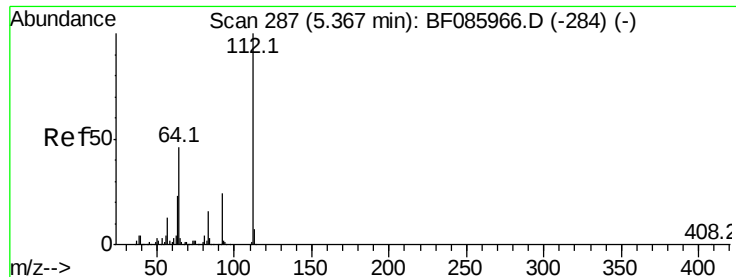
Delta R.T. 0.07 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	113937		
74	74	146.0		121.4	182.2
44	44	6.7		5.6	8.4





#5

2-Fluorophenol

Concen: 85.61 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

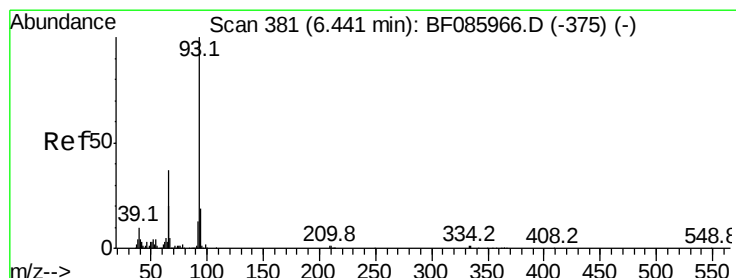
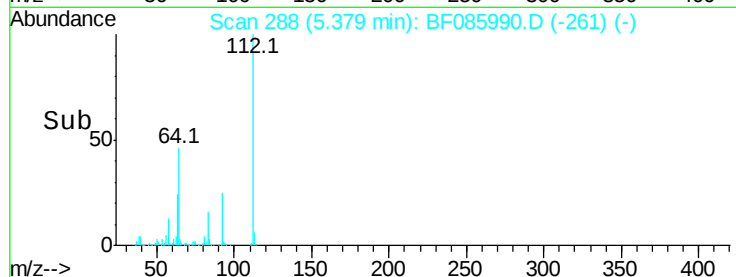
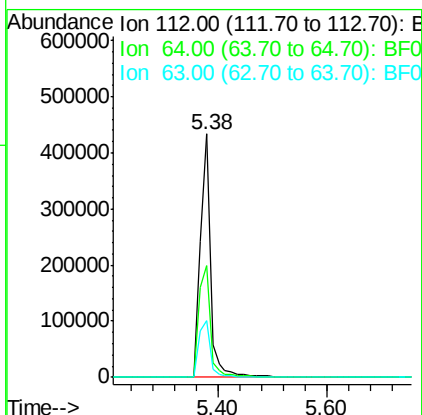
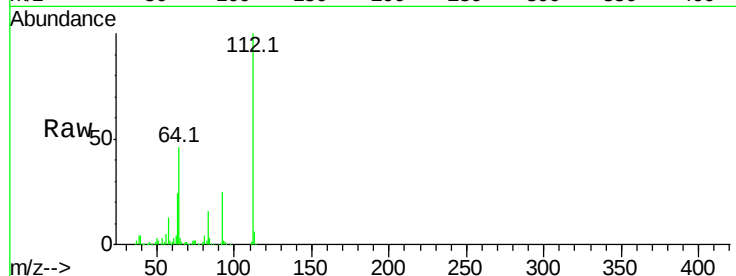
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	558157		
64	46.2	39.9	59.9	
63	23.6	20.2	30.2	



#6

Aniline

Concen: 10.27 ng

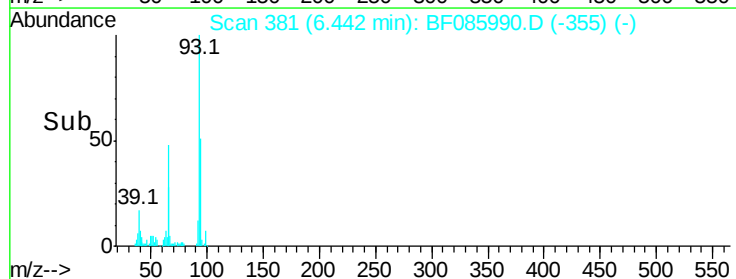
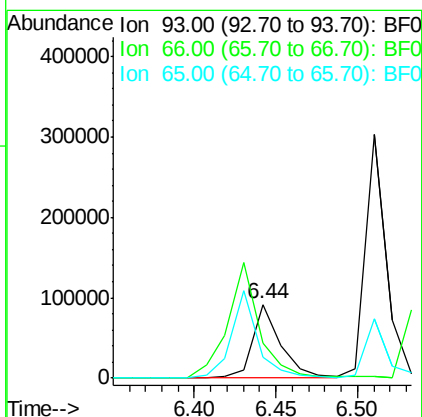
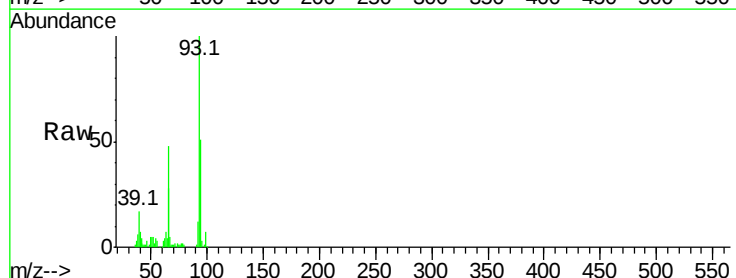
RT: 6.44 min Scan# 381

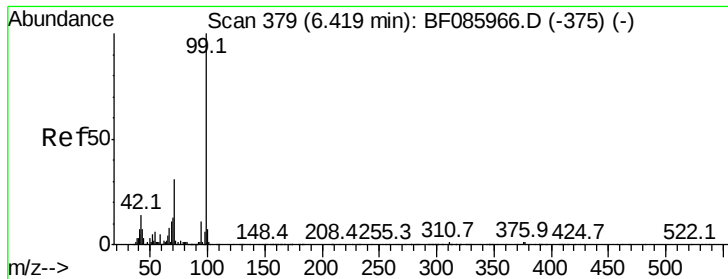
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	111634		
66	47.9	31.4	47.2#	
65	27.9	15.7	23.5#	





#7

Phenol-d6

Concen: 86.11 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

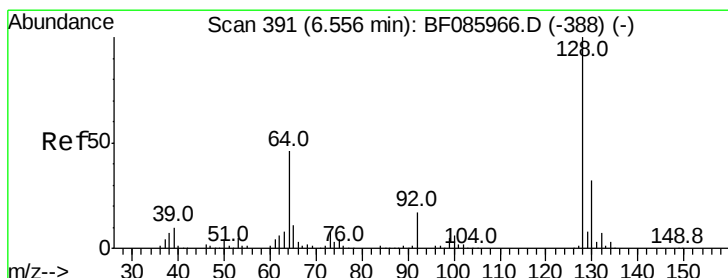
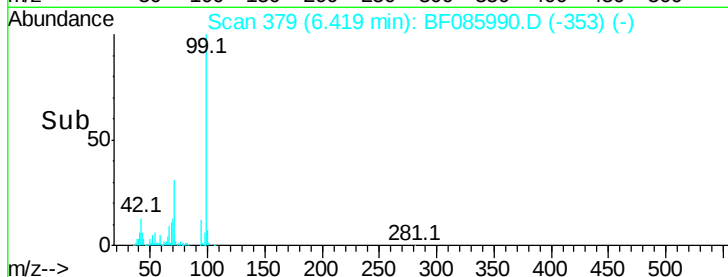
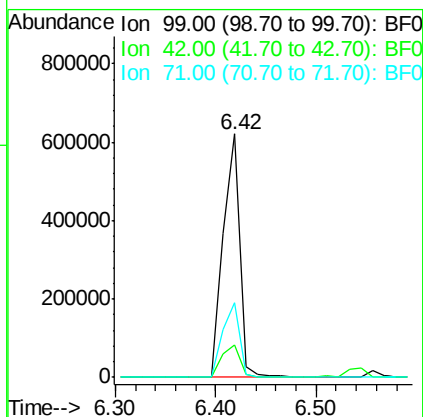
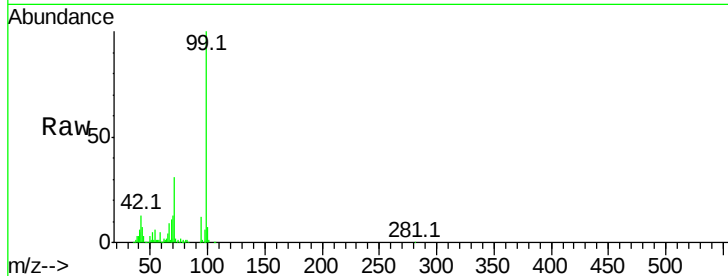
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Tot Ion:	99	Resp:	713148
Ion Ratio	Lower	Upper	
99	100		
42	13.3	11.1	16.7
71	30.6	24.9	37.3

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#8

2-Chlorophenol

Concen: 39.01 ng

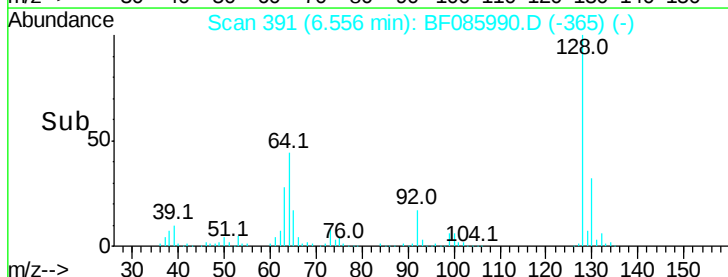
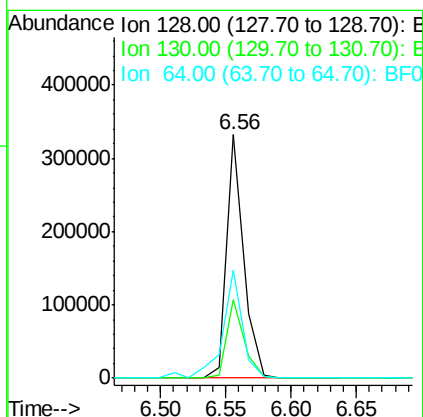
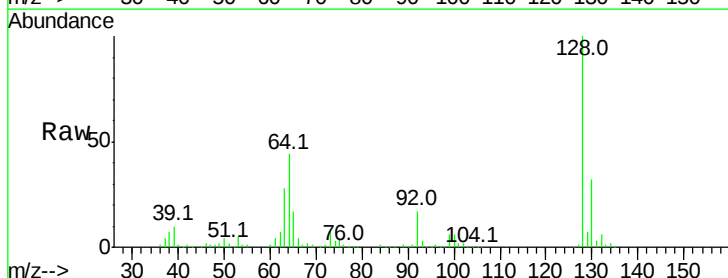
RT: 6.56 min Scan# 391

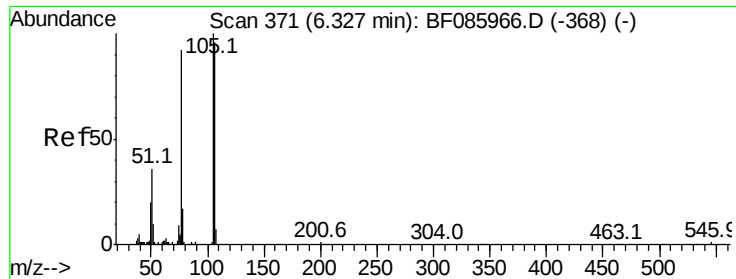
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	128	Resp:	303318
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	44.4	20.2	60.2





#9

Benzaldehyde

Concen: 12.06 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

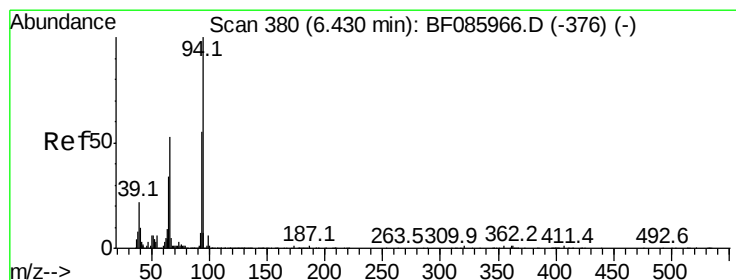
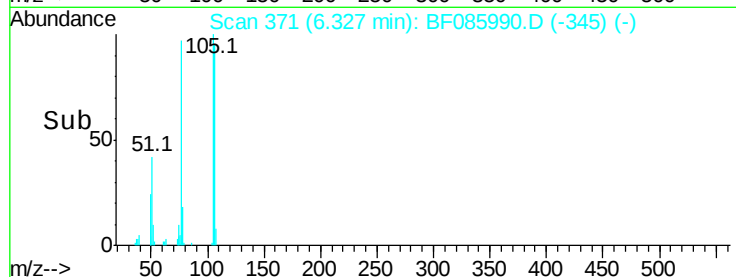
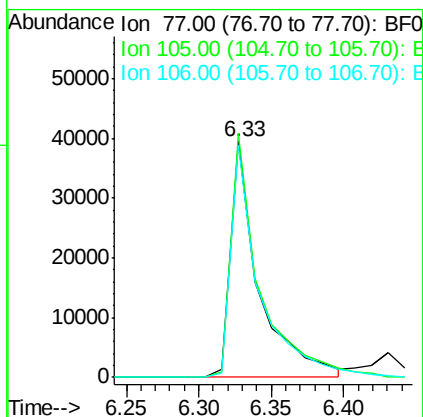
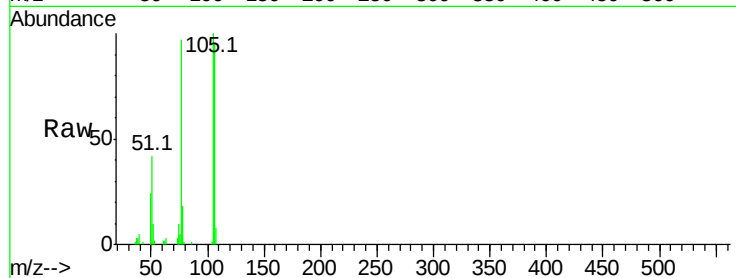
ClientSampleId :

PB89385BS

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Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.1	120.1
106	98.4	75.0	115.0



#10

Phenol

Concen: 41.98 ng

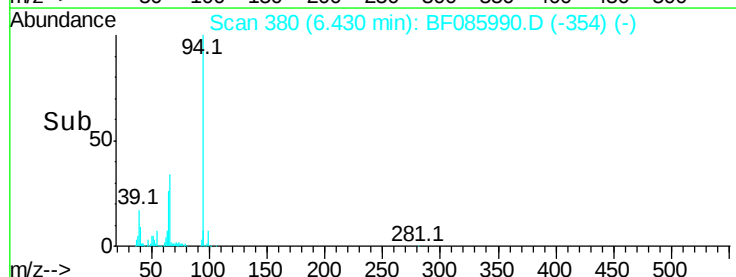
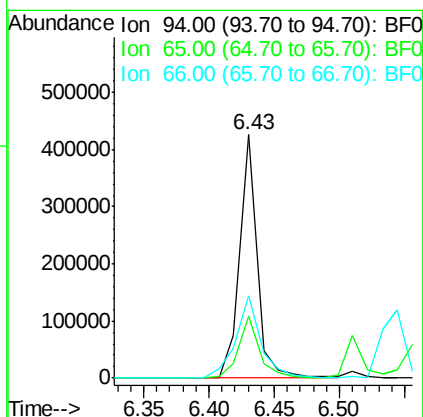
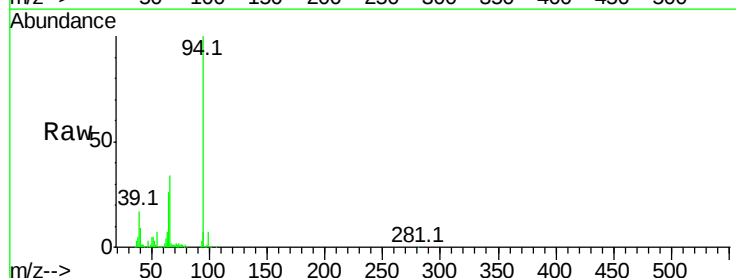
RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.5	8.6	48.6
66	33.8	20.0	60.0





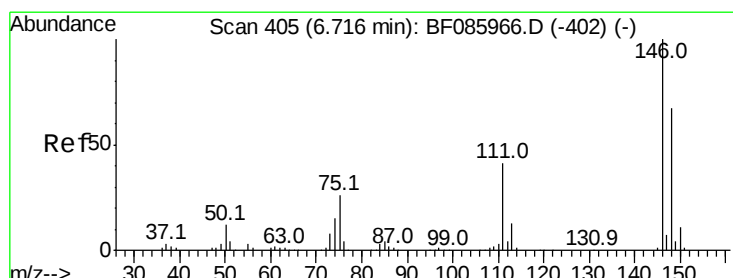
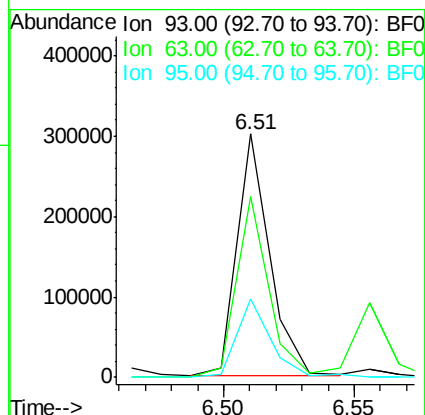
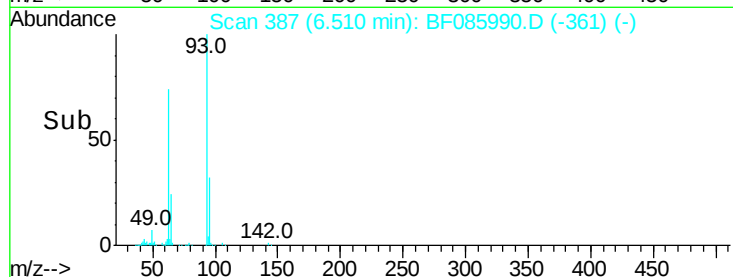
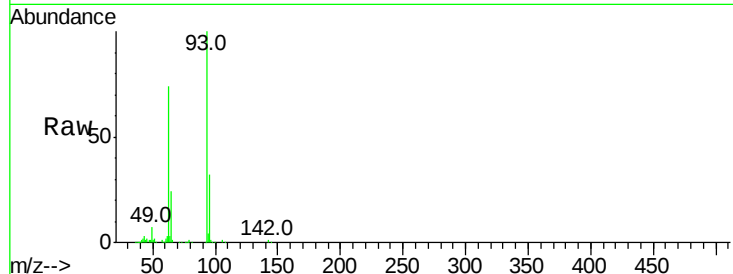
#11
bis(2-Chloroethyl)ether
Concen: 35.15 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	262921		
63	74.4		50.9	90.9
95	32.5		13.3	53.3

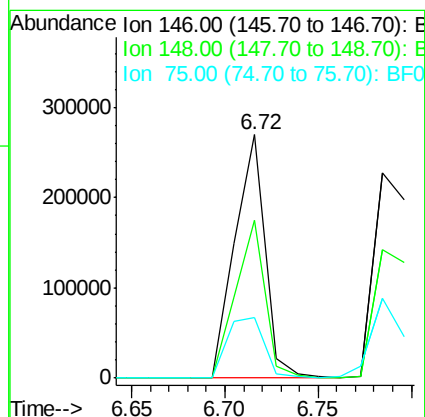
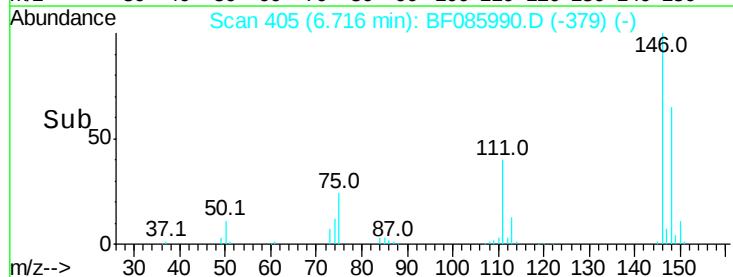
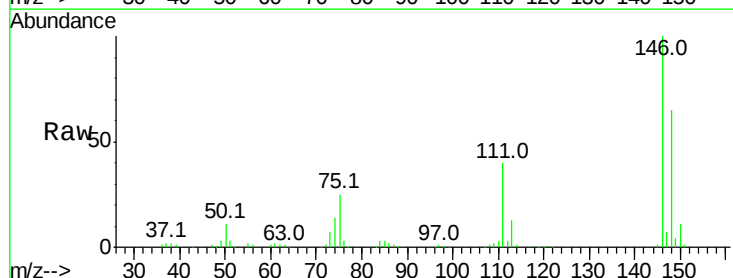
Manual Integrations
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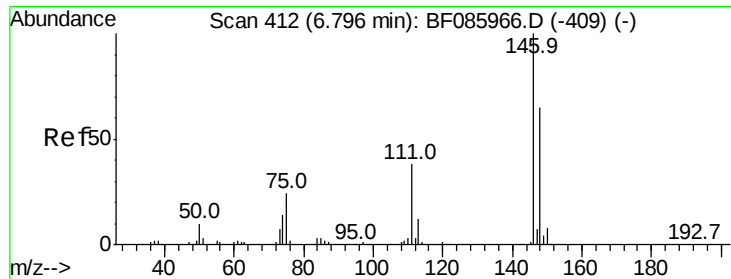
Sohil
4/4/2016 7:38:13 PM



#12
1,3-Dichlorobenzene
Concen: 37.16 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306217		
148	65.0		52.3	78.5
75	24.7		17.4	26.2





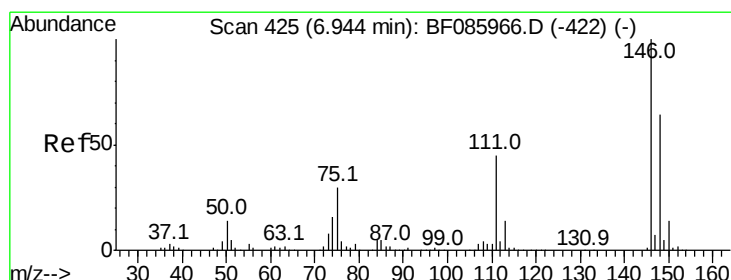
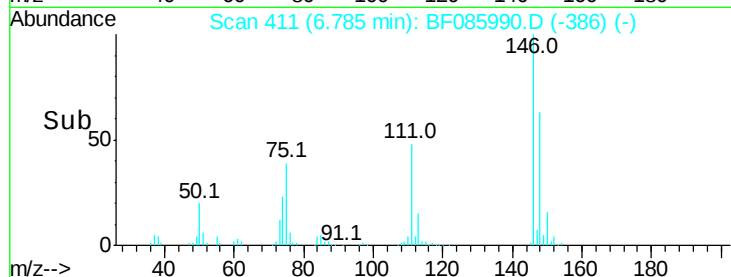
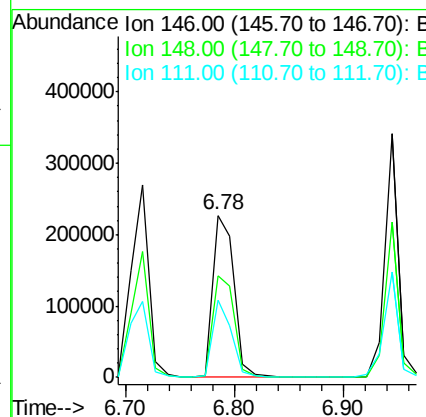
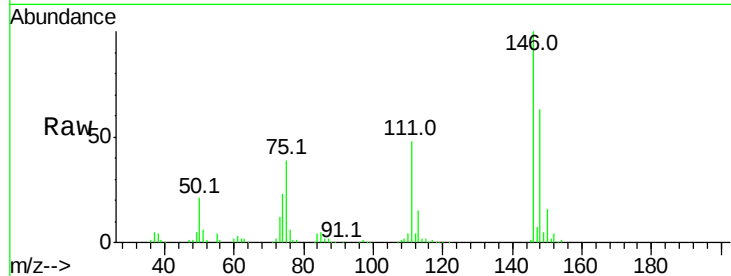
#13
 1,4-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	47.8	37.8	56.6

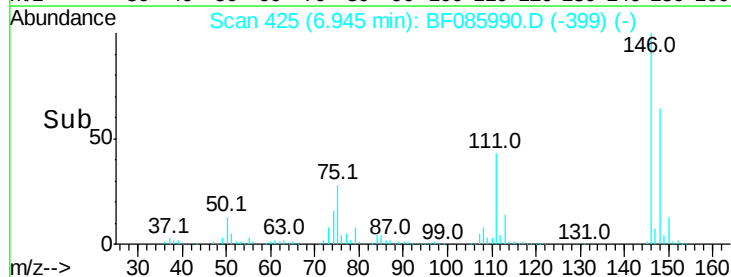
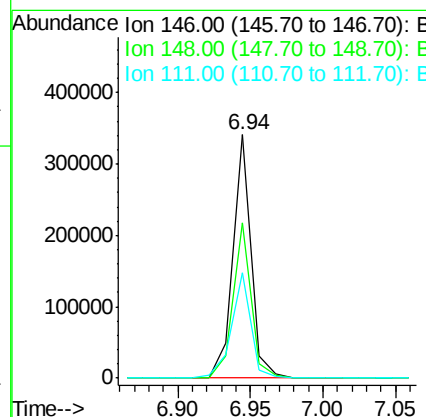
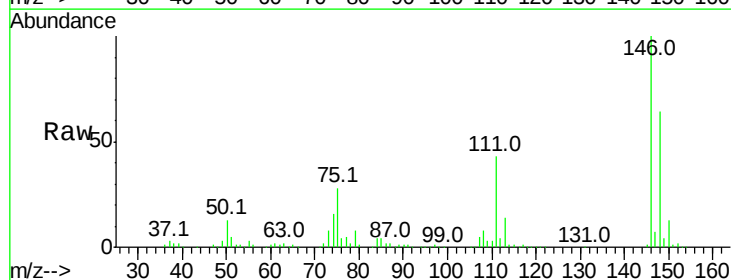
Manual Integrations
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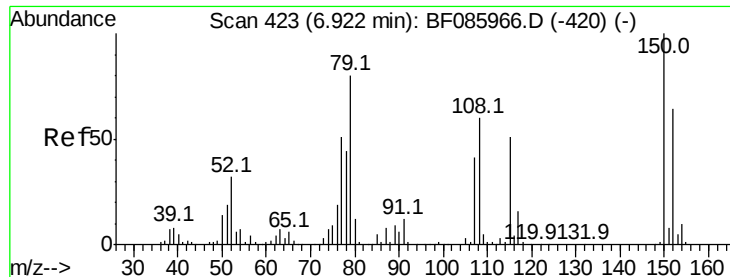
Sohil
 4/4/2016 7:38:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.68 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	43.2	34.6	52.0





#15

Benzyl Alcohol

Concen: 36.93 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

ClientSampled :

PB89385BS

Tot Ion: 79 Resp: 197873

Ion Ratio Lower Upper

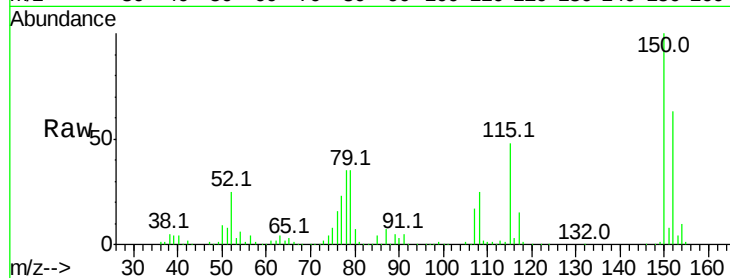
79 100

108 72.2 61.8 92.6

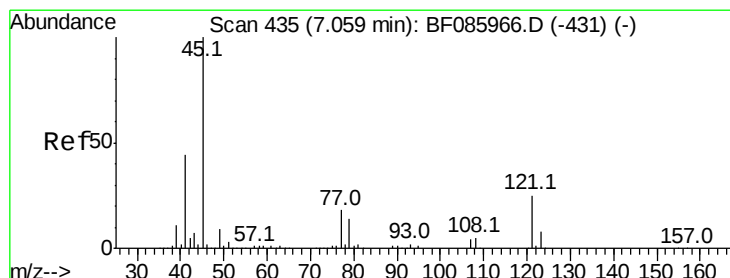
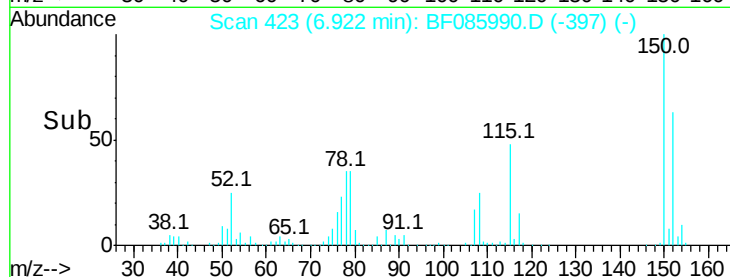
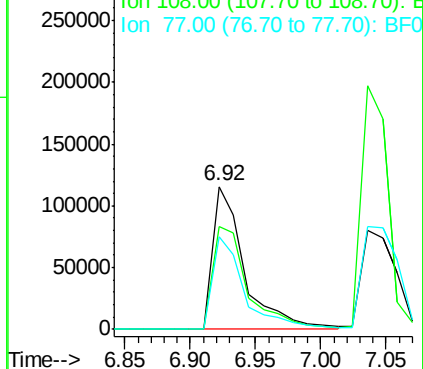
77 65.1 49.6 74.4

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.92 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

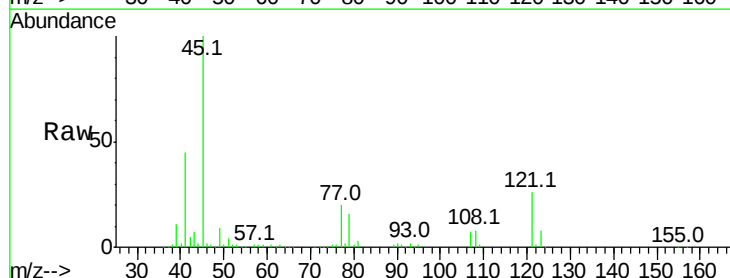
Tgt Ion: 45 Resp: 328301

Ion Ratio Lower Upper

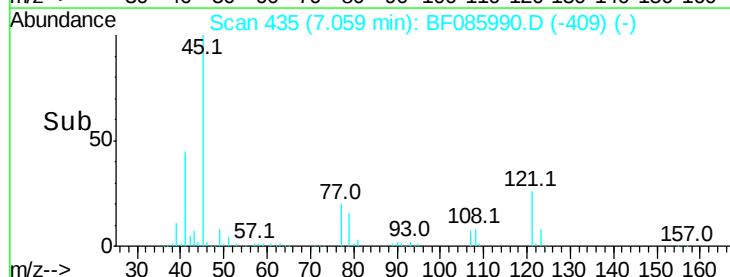
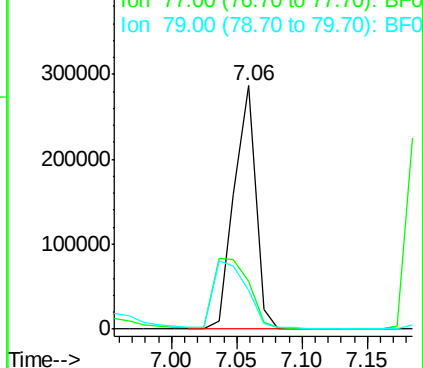
45 100

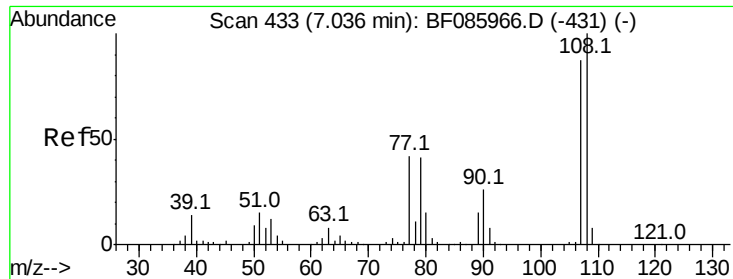
77 19.8 0.0 35.7

79 16.2 0.0 32.2



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





#17

2-Methylphenol

Concen: 38.71 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

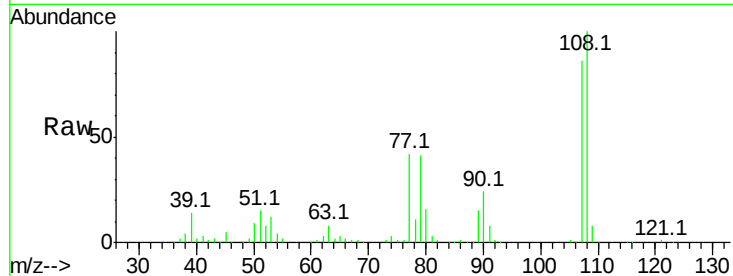
ClientSampleId :

PB89385BS

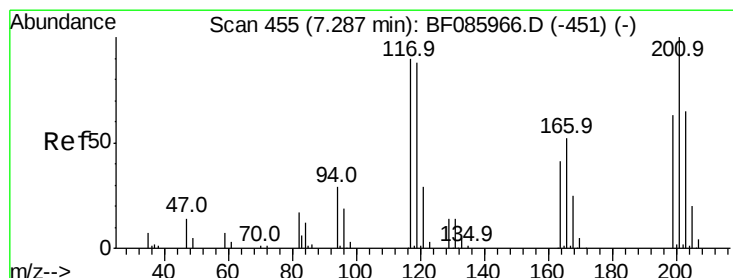
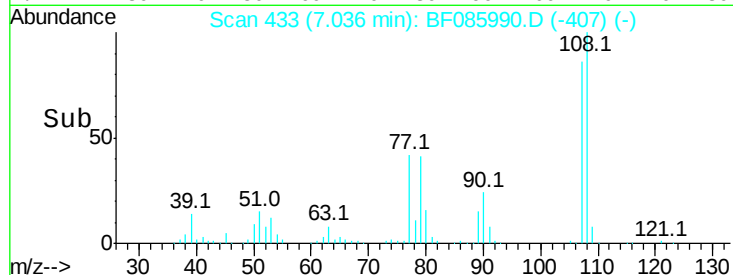
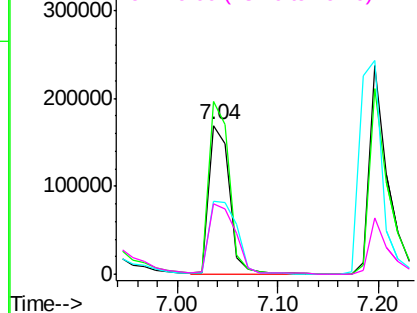
Tot Ion	Ratio	Resp	Lower	Upper
107	100	237297		
108	116.4	91.4	137.0	
77	49.3	36.2	54.2	
79	47.6	35.8	53.8	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.28 ng

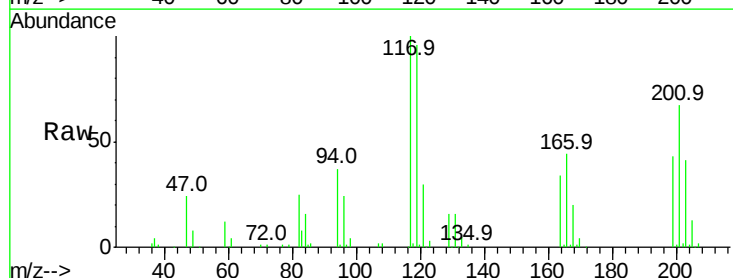
RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

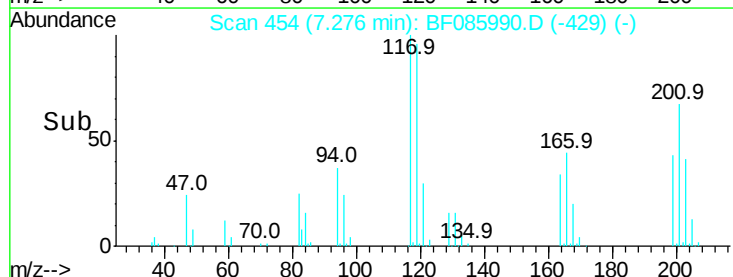
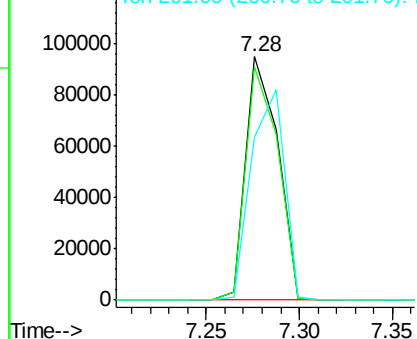
Lab File: BF085990.D

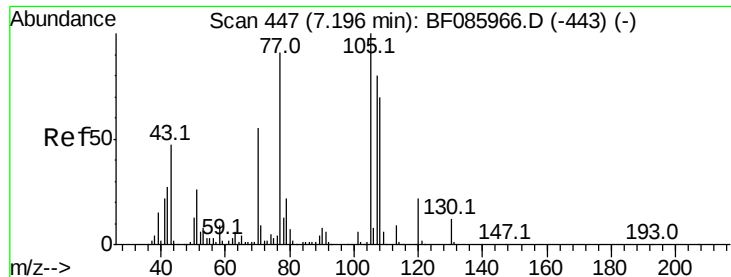
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	113299		
119	95.6	76.7	115.1	
201	67.1	83.3	124.9	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





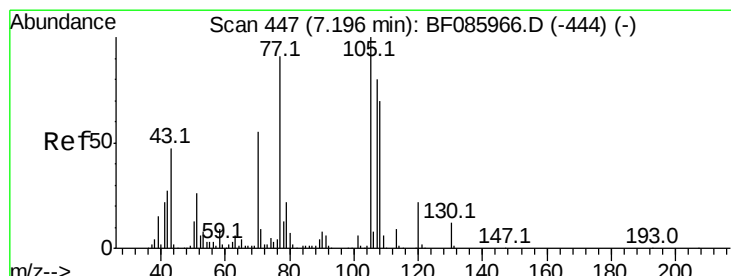
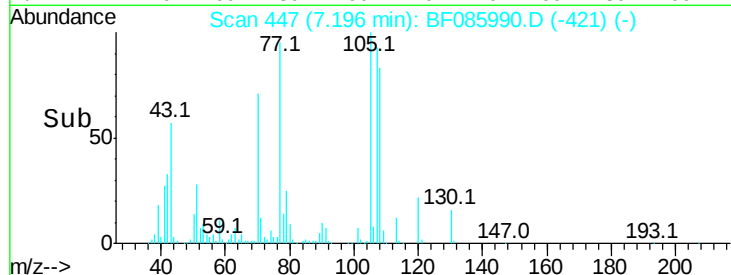
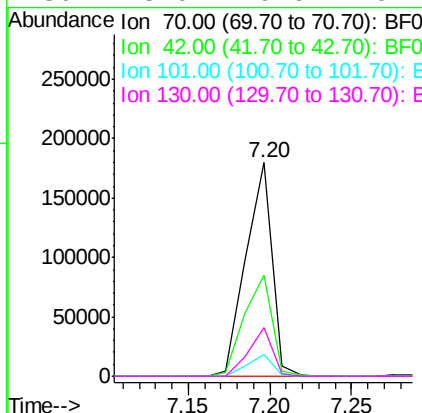
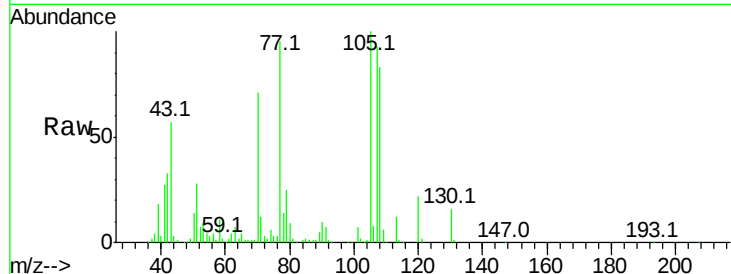
#19
n-Nitroso-di-n-propylamine
Concen: 38.89 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.3	37.1	55.7	
101	10.0	8.6	12.8	
130	23.0	19.6	29.4	

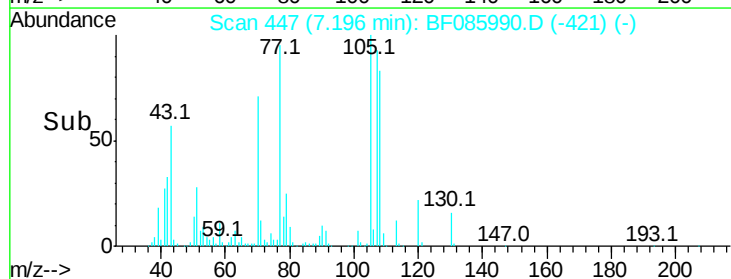
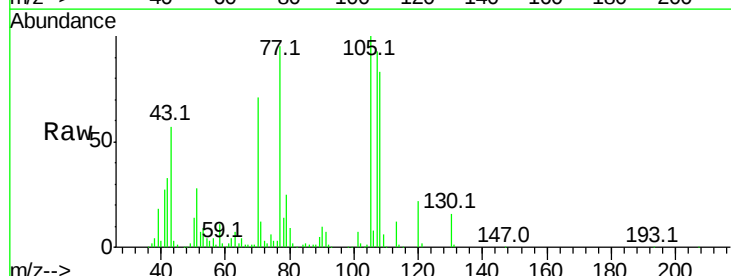
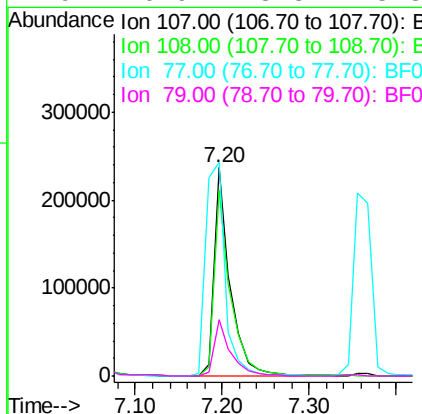
Manual Integrations
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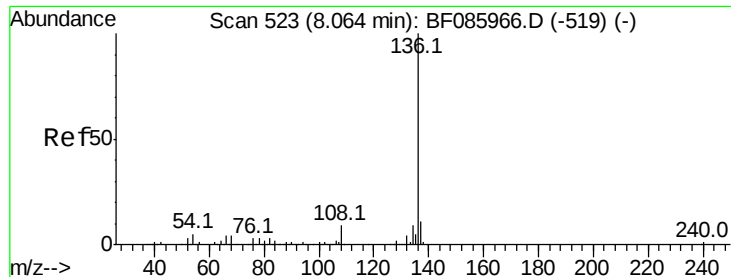
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#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	69.3	109.3	
77	102.5	101.7	141.7	
79	26.9	8.3	48.3	





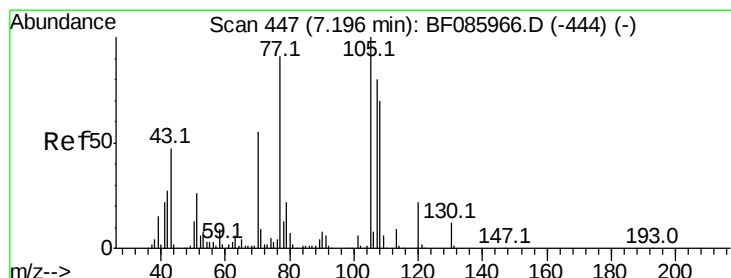
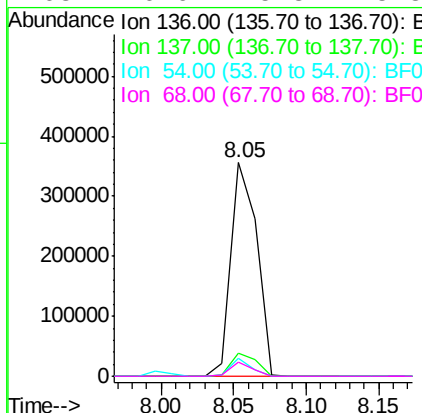
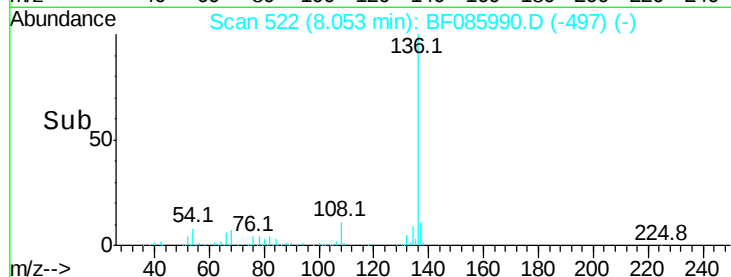
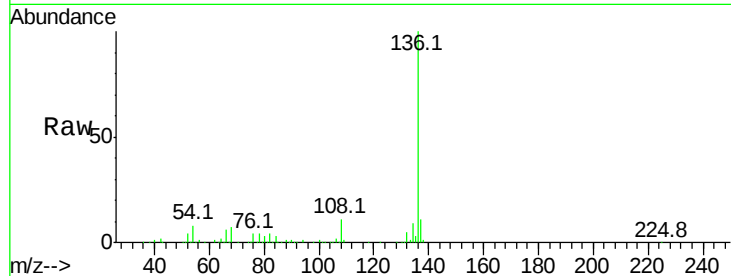
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.2	7.4	11.0	
68	6.6	5.8	8.8	

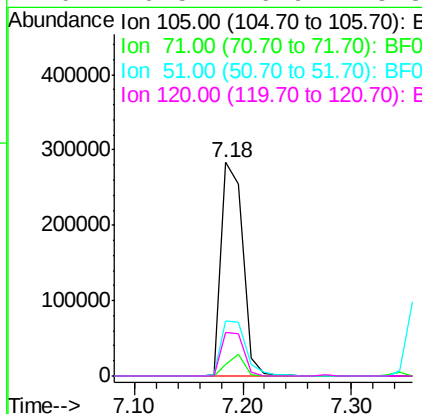
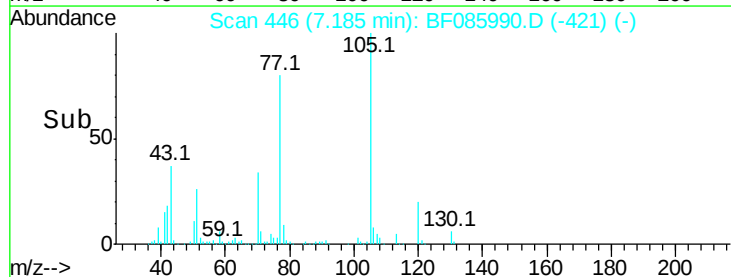
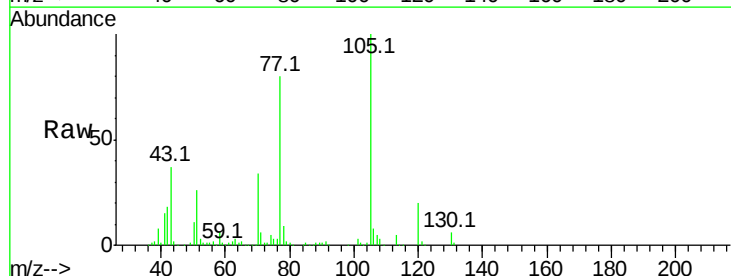
Manual Integrations
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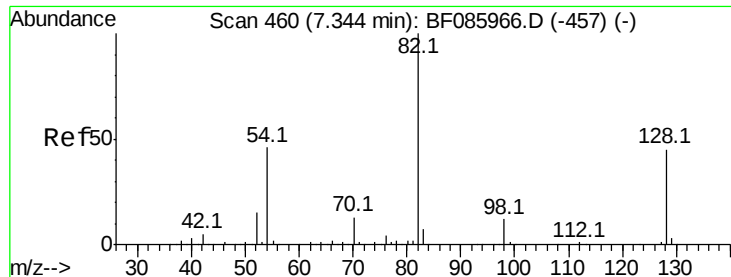
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#22
Acetophenone
Concen: 37.78 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	3.6	5.4#	
51	25.5	25.4	38.0	
120	20.5	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 80.13 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

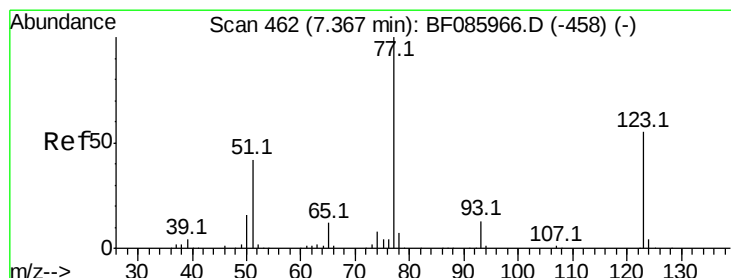
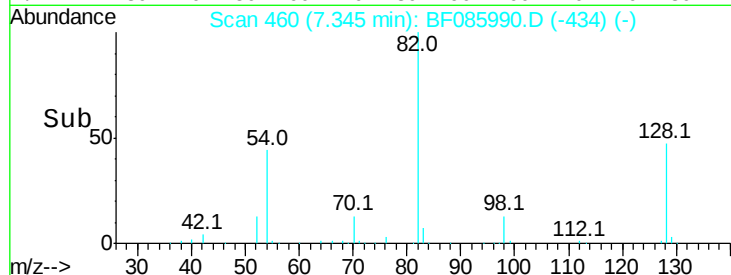
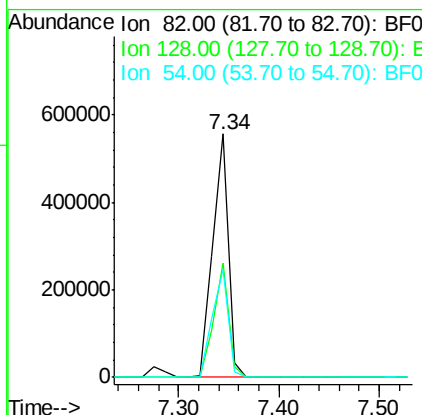
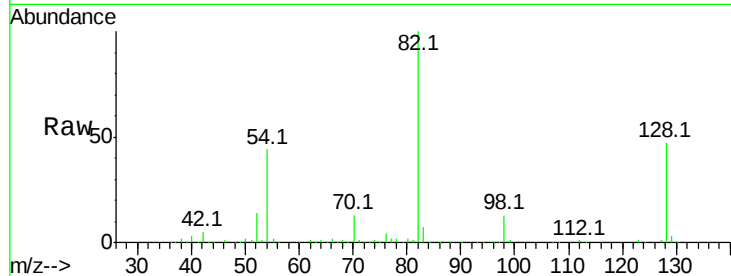
ClientSampleId :

PB89385BS

Tot Ion:	82	Resp:	599609
Ion Ratio	Lower	Upper	
82	100		
128	46.7	41.8	62.8
54	44.3	33.4	50.0

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#24

Nitrobenzene

Concen: 35.98 ng

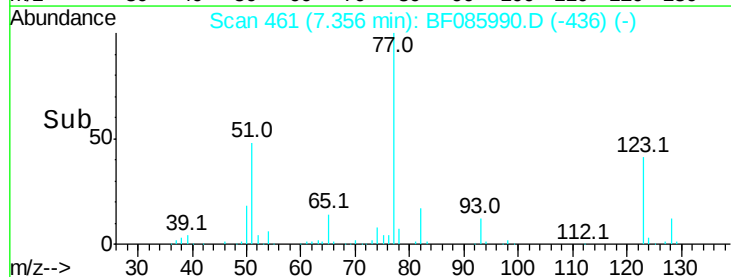
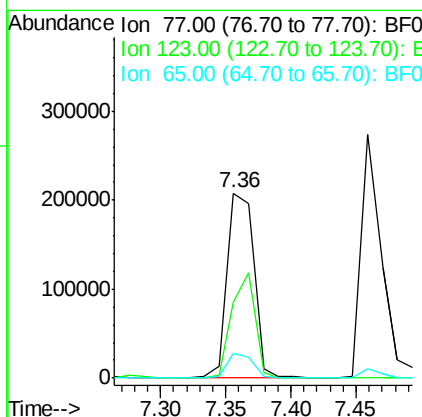
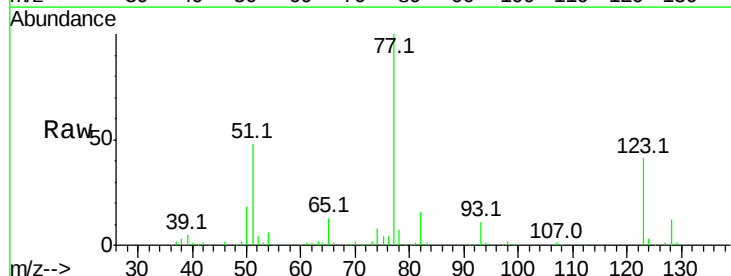
RT: 7.36 min Scan# 461

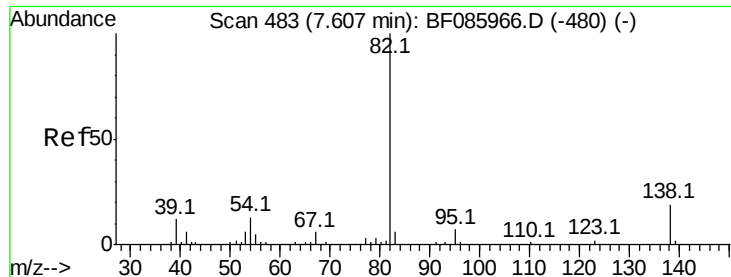
Delta R.T. -0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	77	Resp:	294565
Ion Ratio	Lower	Upper	
77	100		
123	41.3	35.0	52.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 36.91 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

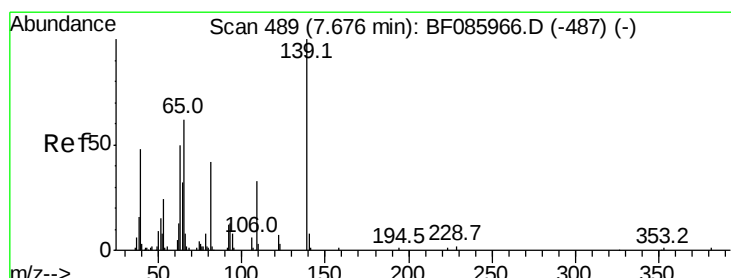
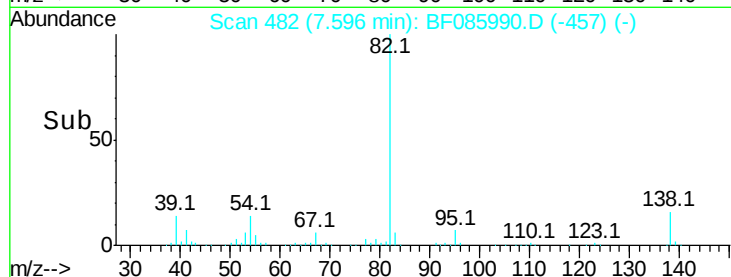
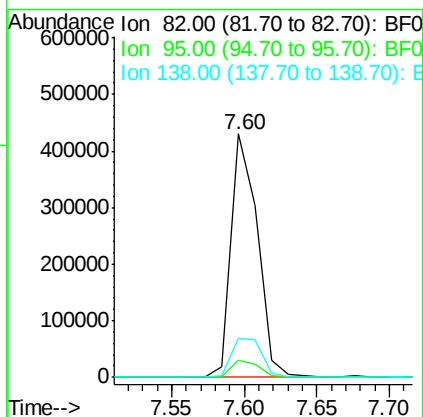
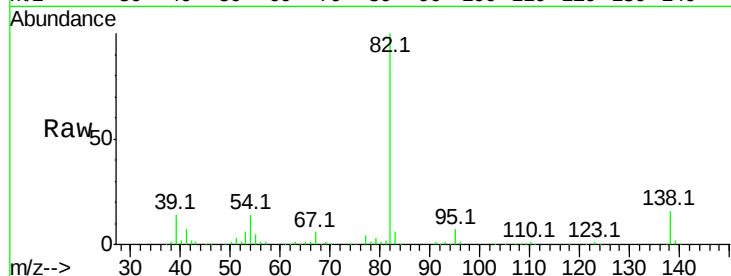
ClientSampleId :

PB89385BS

Tot Ion:	82	Resp:	545165
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	15.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.74 ng

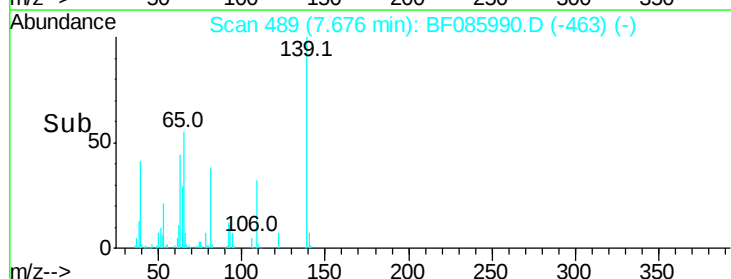
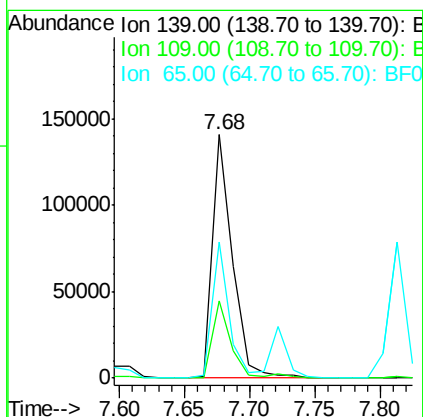
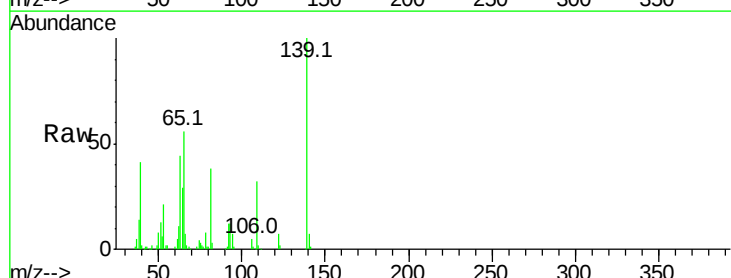
RT: 7.68 min Scan# 489

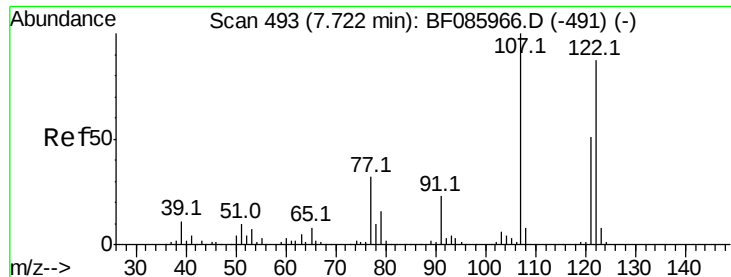
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	139	Resp:	151735
Ion Ratio	Lower	Upper	
139	100		
109	31.6	22.1	33.1
65	55.6	33.9	50.9#





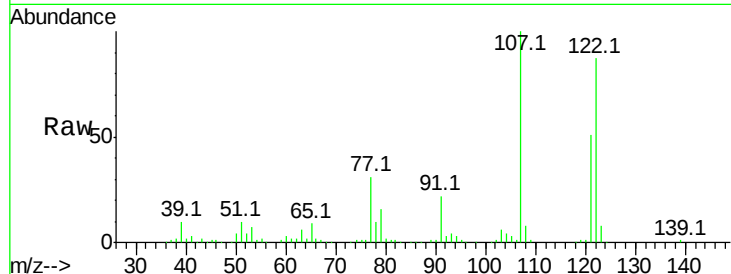
#27
 2,4-Dimethylphenol
 Concen: 37.80 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

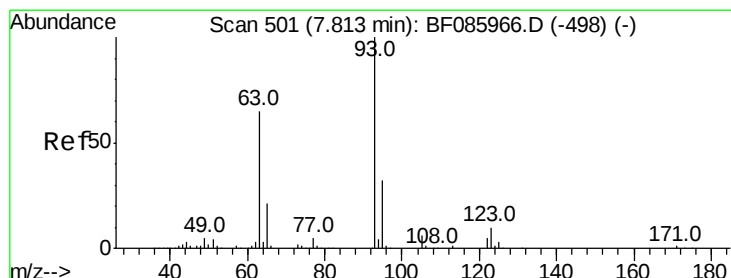
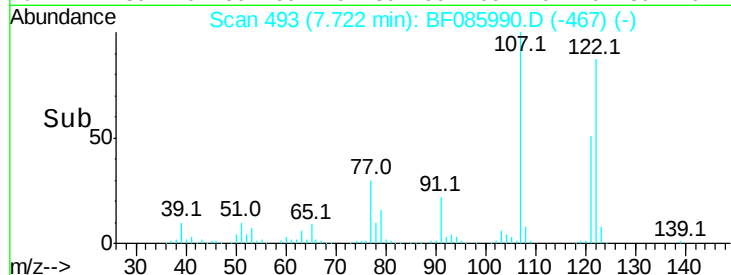
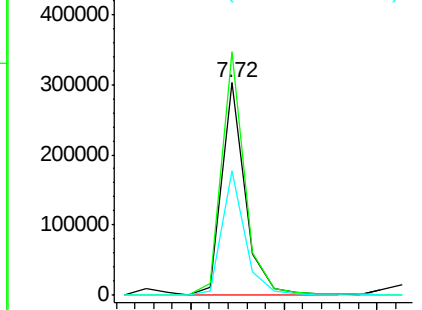
Tot Ion	Ratio	Resp	Lower	Upper
122	100	265908		
107	114.5	93.0	139.6	
121	58.3	45.9	68.9	

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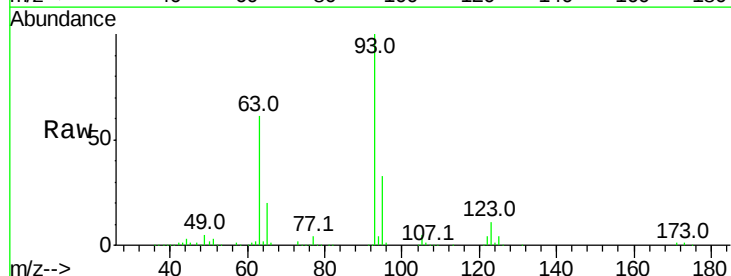


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

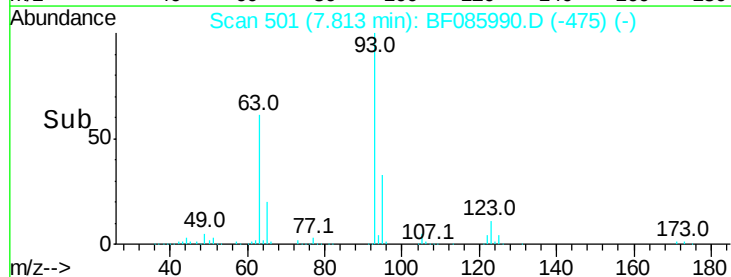
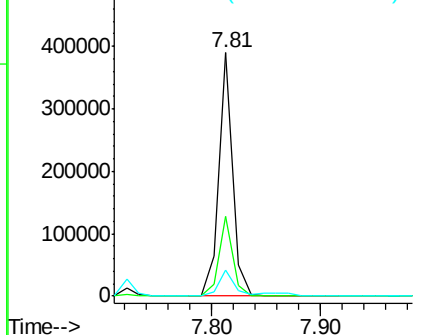


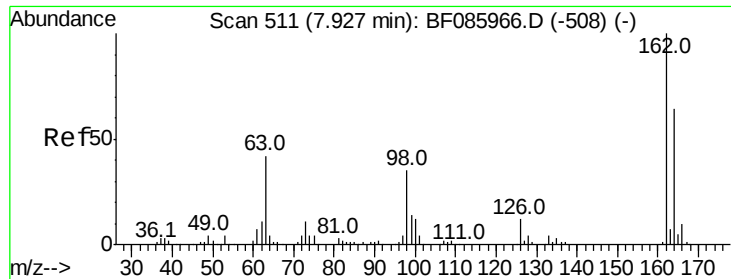
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.41 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350240		
95	32.7	26.4	39.6	
123	10.8	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





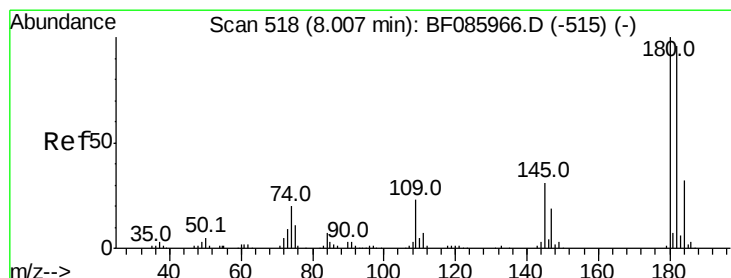
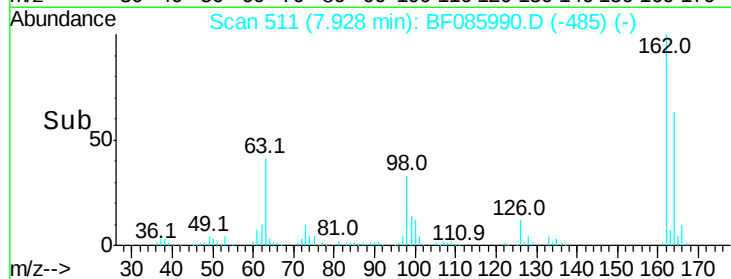
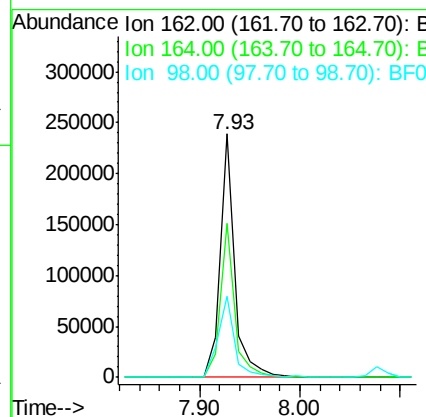
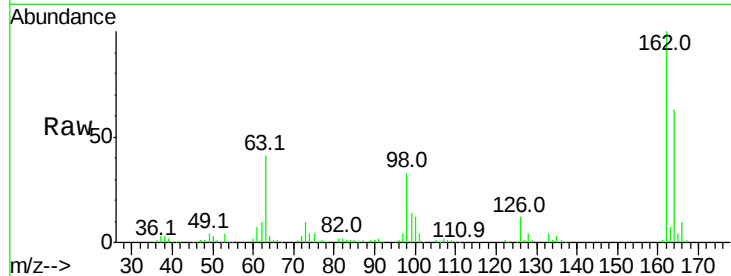
#29
 2,4-Dichlorophenol
 Concen: 40.25 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	43.7	83.7
98	33.5	20.4	60.4

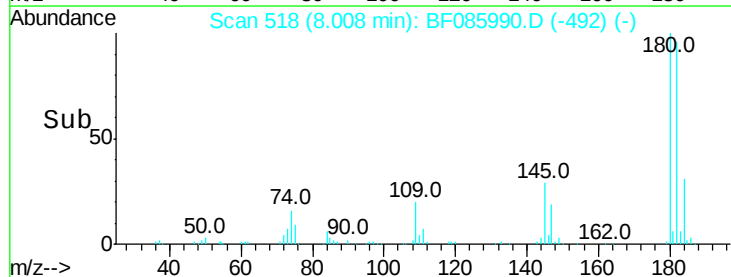
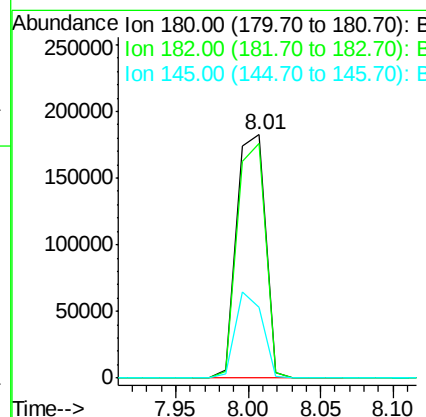
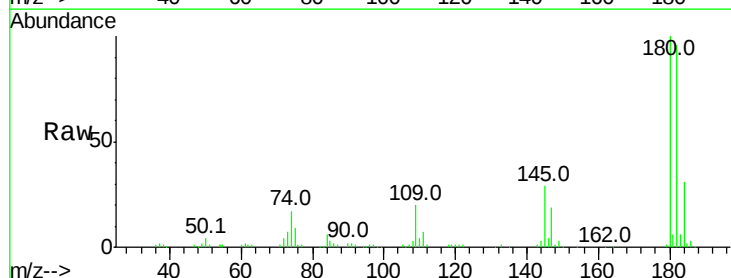
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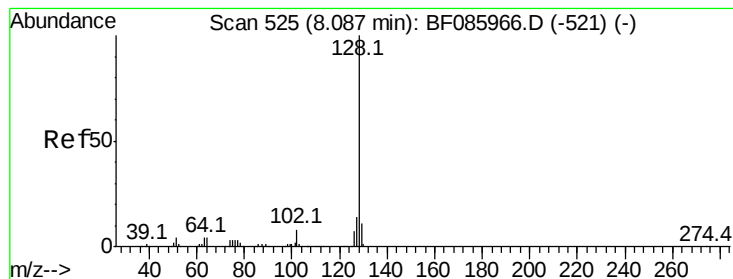
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.83 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	73.8	110.8
145	28.8	28.4	42.6





#31

Naphthalene

Concen: 36.54 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

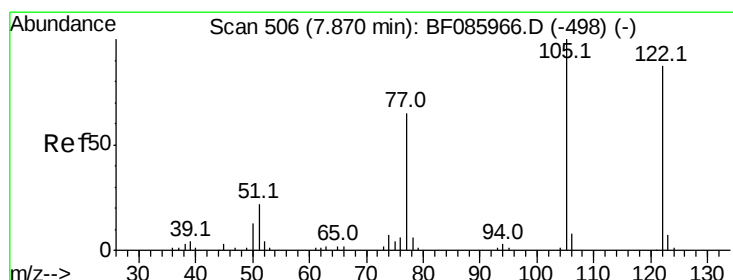
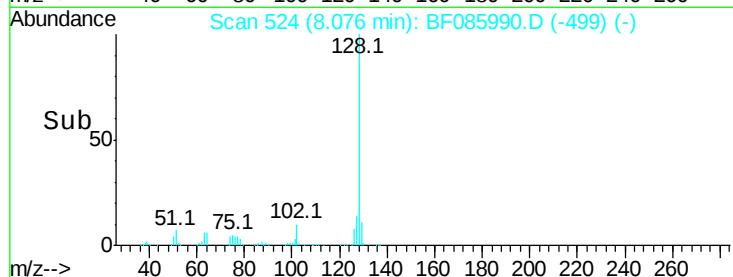
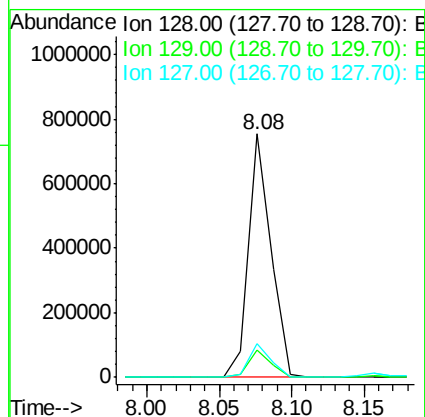
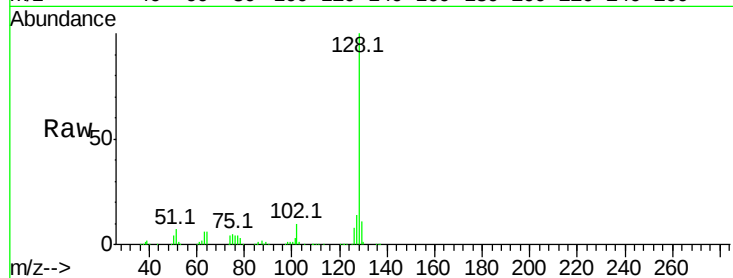
ClientSampleId :

PB89385BS

Tot Ion:	128	Resp:	810937
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.0
127	13.6	11.0	16.6

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#32

Benzoic acid

Concen: 34.31 ng

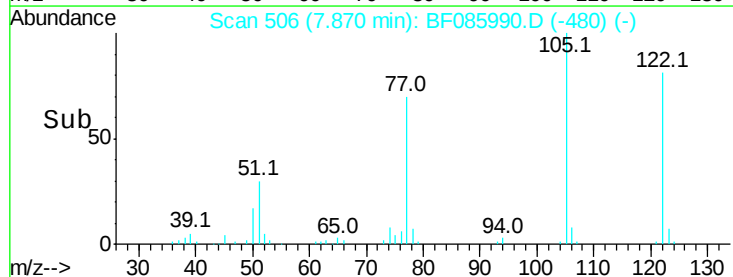
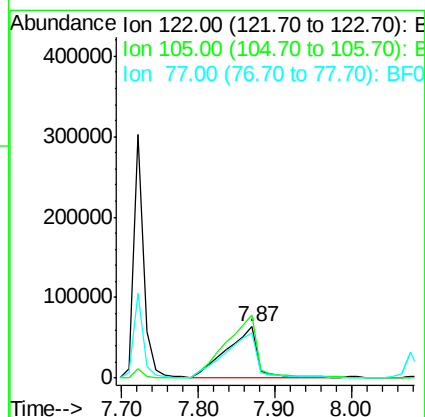
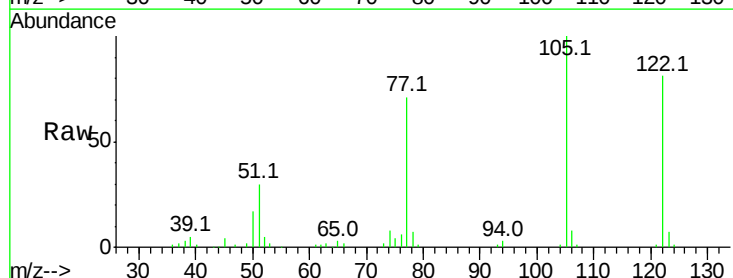
RT: 7.87 min Scan# 506

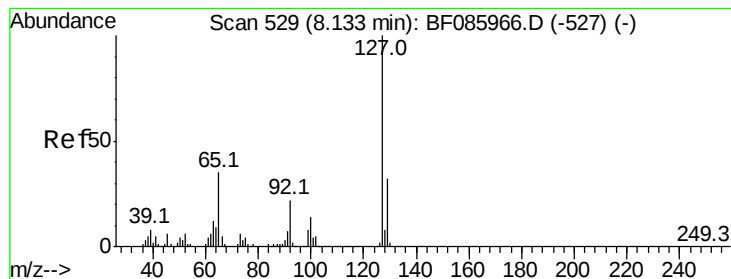
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	122	Resp:	177078
Ion Ratio	Lower	Upper	
122	100		
105	123.0	102.9	142.9
77	87.6	71.8	111.8





#33

4-Chloroaniline

Concen: 3.02 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

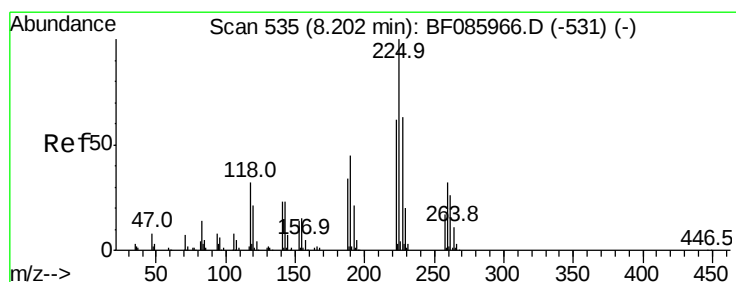
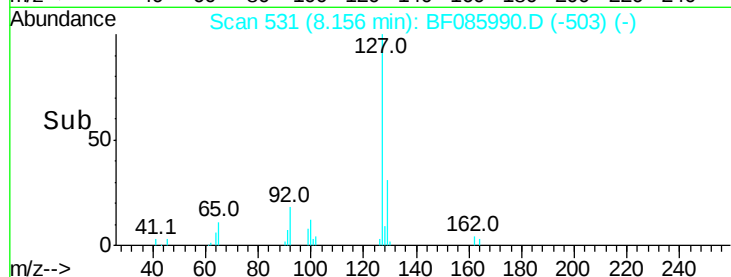
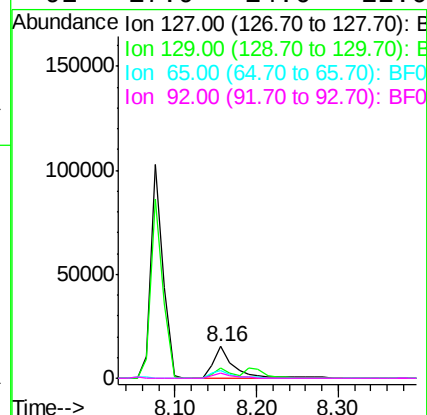
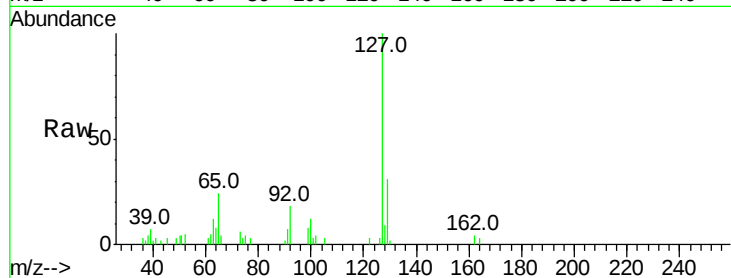
ClientSampleId :

PB89385BS

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Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.1	39.1	
65	24.1	19.5	29.3	
92	17.9	14.6	22.0	



#34

Hexachlorobutadiene

Concen: 36.49 ng

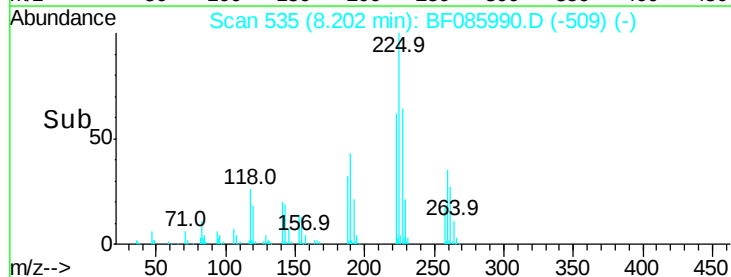
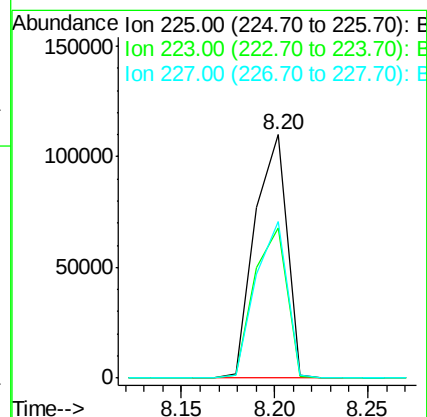
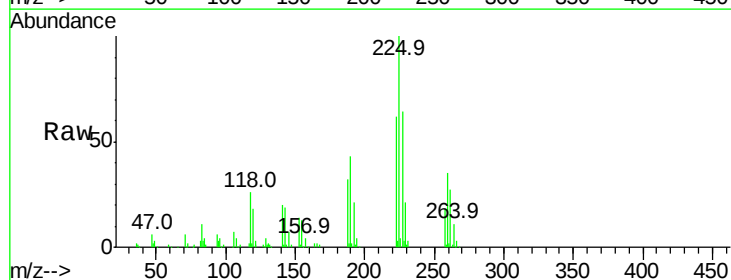
RT: 8.20 min Scan# 535

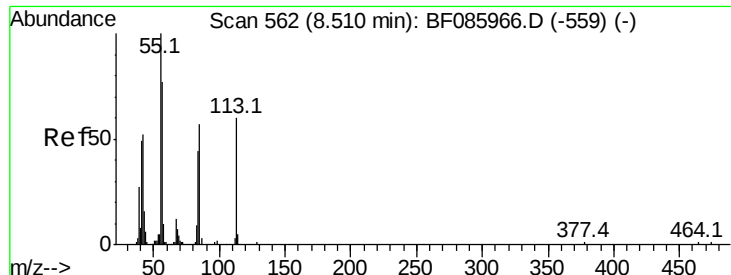
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	50.4	75.6	
227	64.2	51.4	77.2	





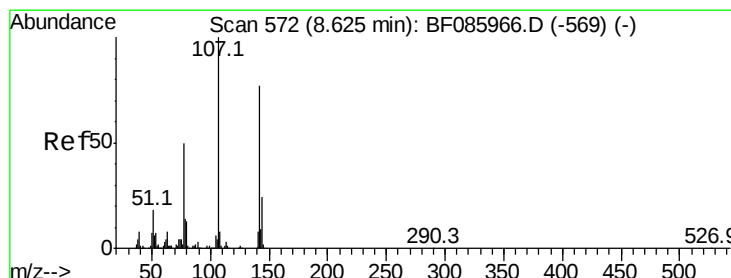
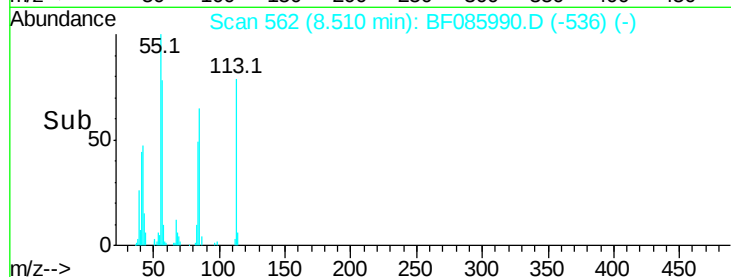
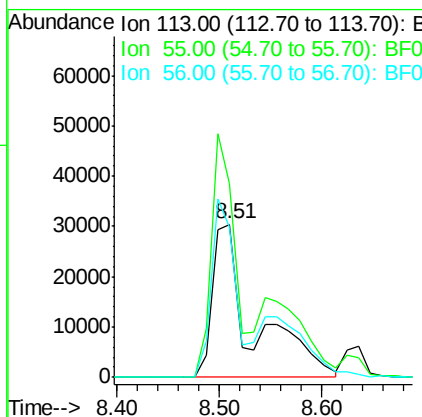
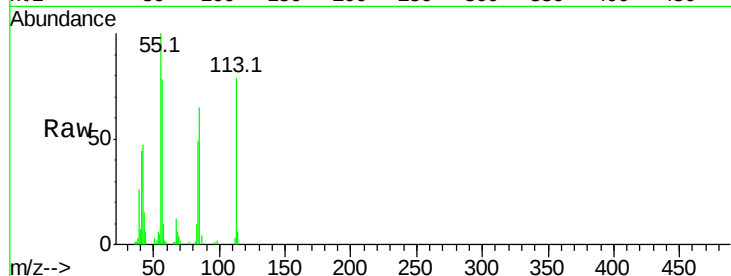
#35
 Caprolactam
 Concen: 44.12 ng/ml
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.7	139.4	179.4#
56	98.5	100.4	140.4#

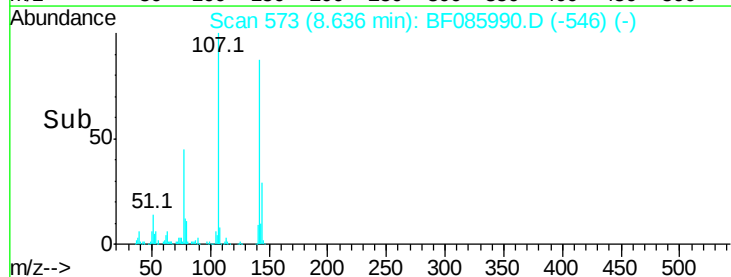
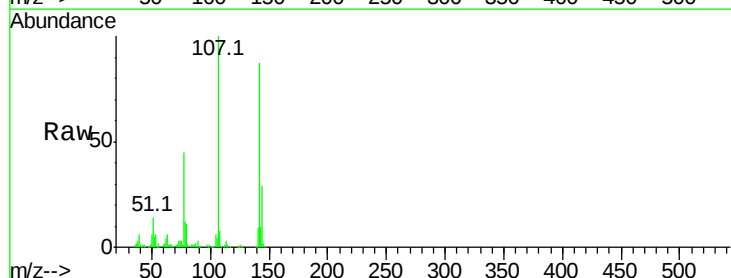
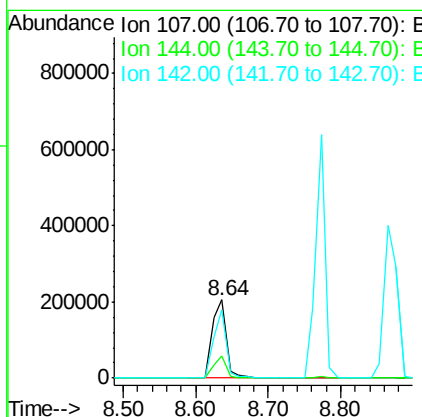
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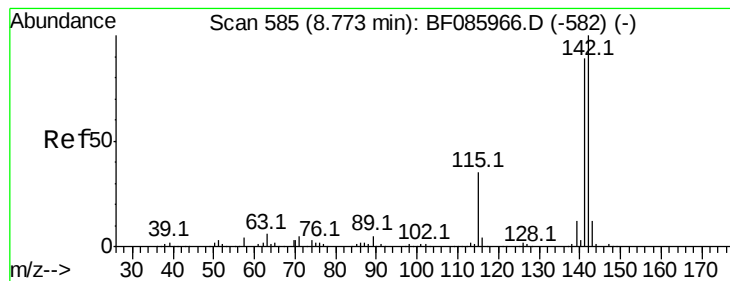
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#36
 4-Chloro-3-methylphenol
 Concen: 41.06 ng/ml
 RT: 8.64 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	19.3	28.9
142	87.4	61.4	92.0





#37

2-Methylnaphthalene

Concen: 40.39 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

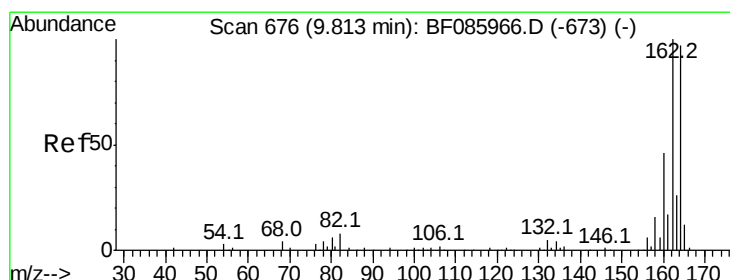
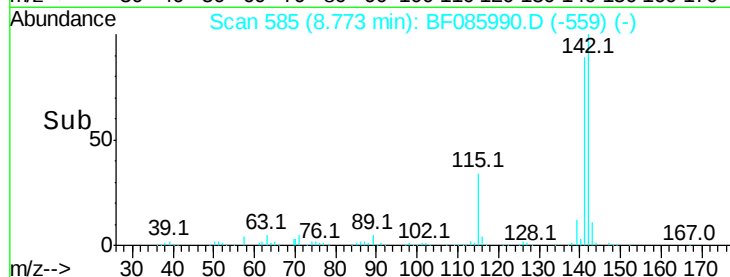
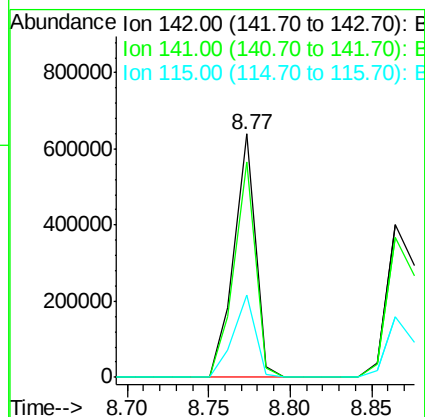
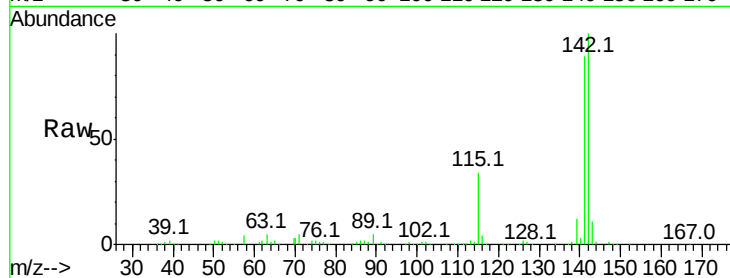
ClientSampleId :

PB89385BS

Tot Ion:	142	Resp:	585584
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.6	107.4
115	34.1	26.8	40.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

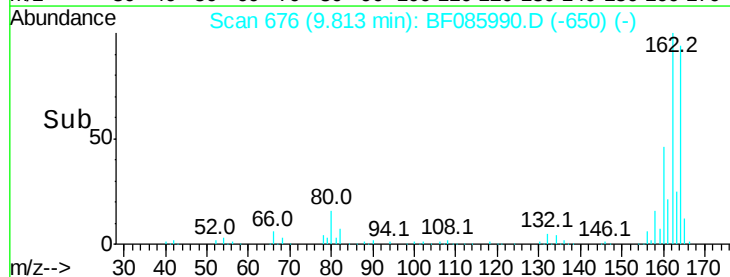
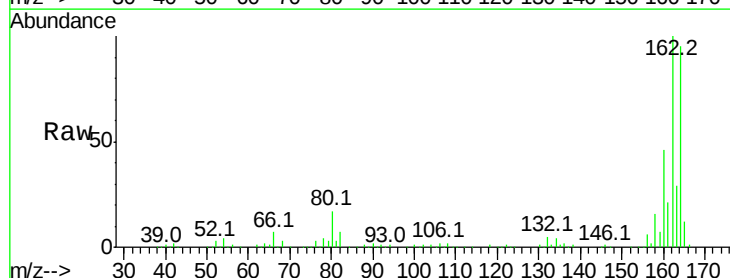
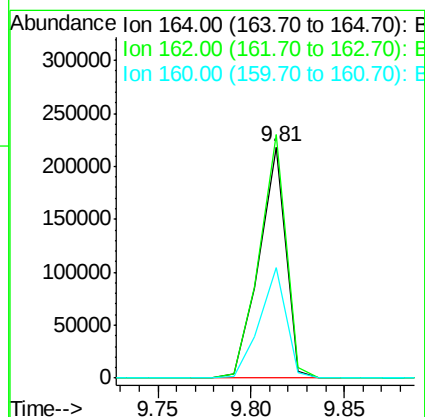
RT: 9.81 min Scan# 676

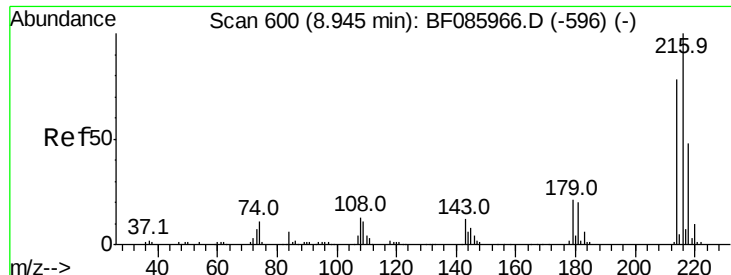
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	164	Resp:	214653
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.1	123.1
160	48.0	37.4	56.2





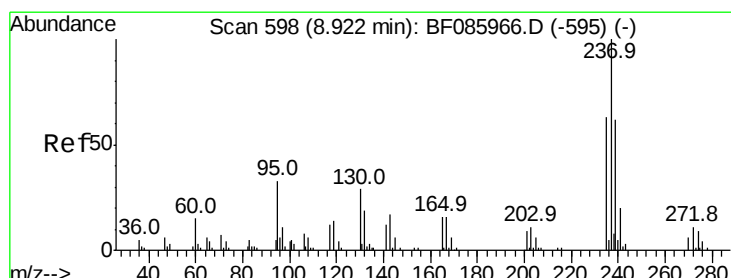
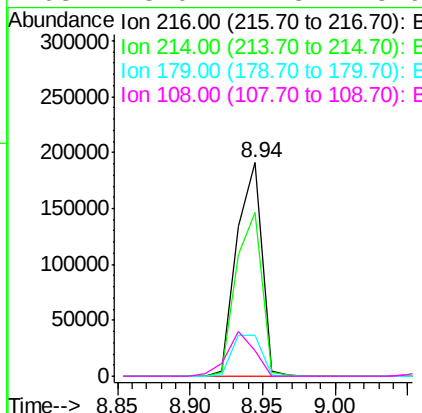
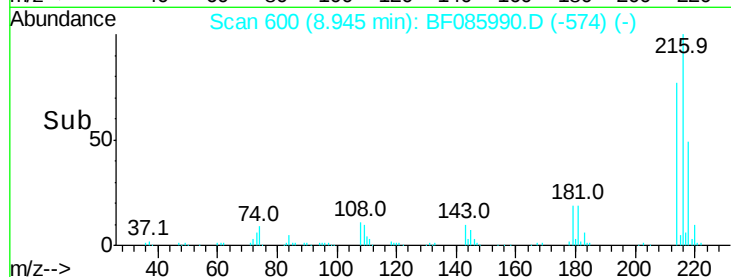
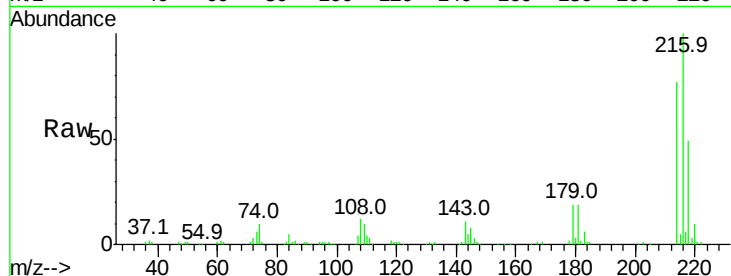
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.77 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	230772		
214	78.6	63.1	94.7	
179	22.5	18.2	27.2	
108	23.0	17.3	25.9	

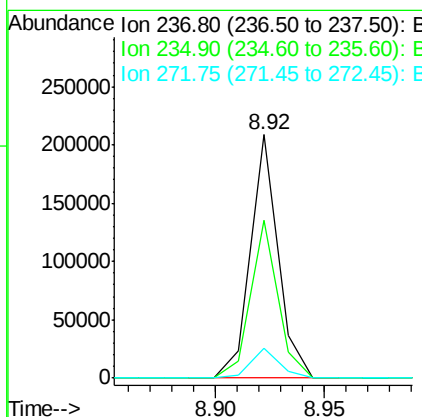
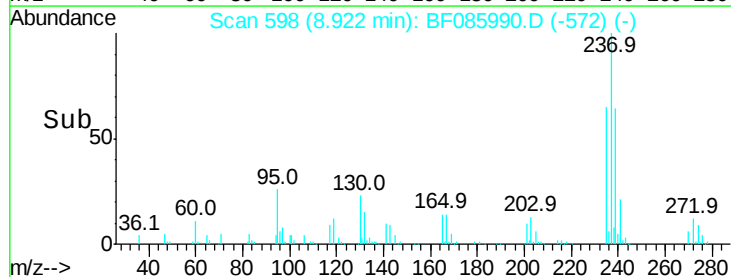
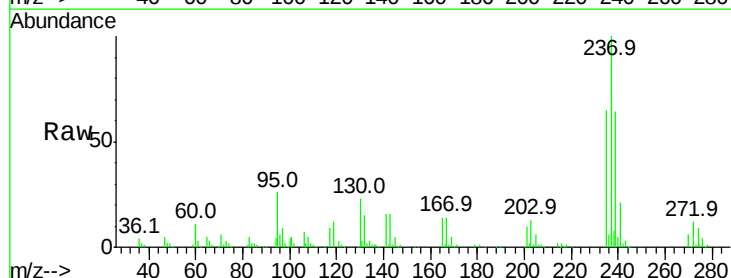
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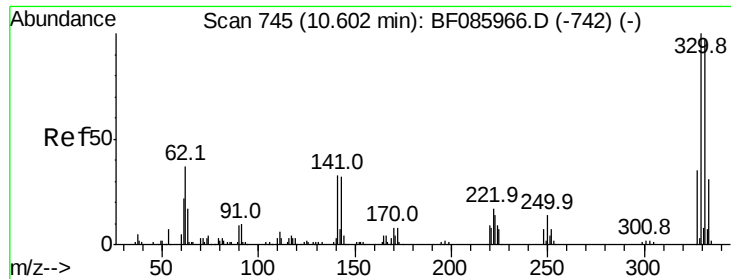
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#40
 Hexachlorocyclopentadiene
 Concen: 79.31 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	184621		
235	64.6	43.7	83.7	
272	12.0	0.0	31.9	





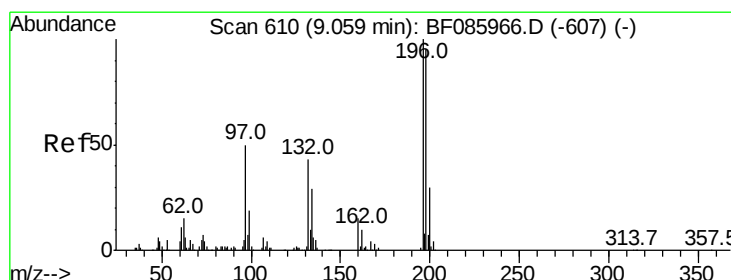
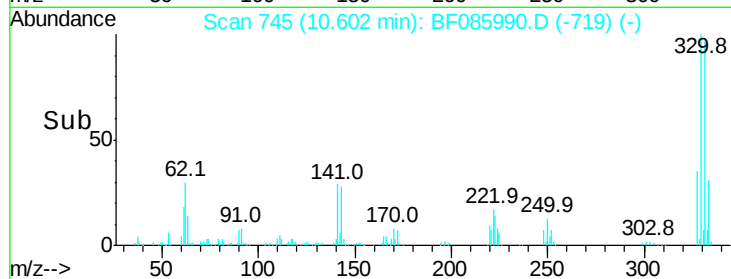
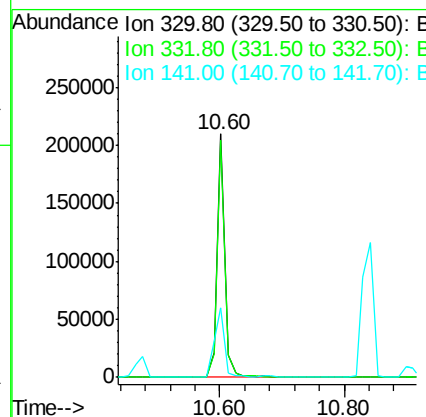
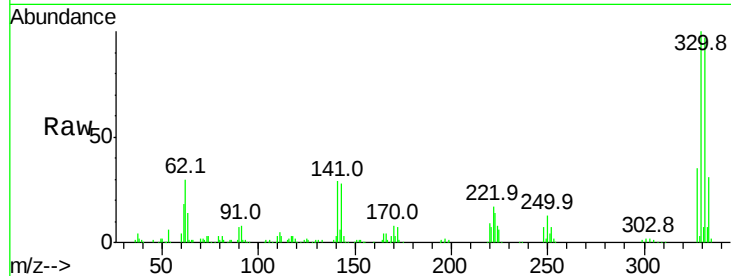
#41
 2,4,6-Tribromophenol
 Concen: 89.85 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	181030		
332	97.1	78.2	117.2	
141	37.6	31.5	47.3	

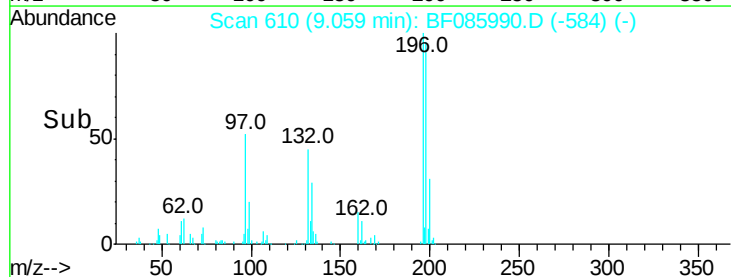
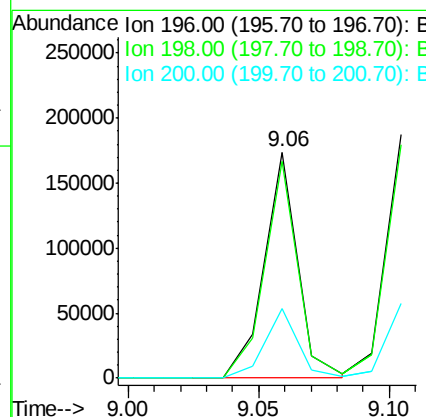
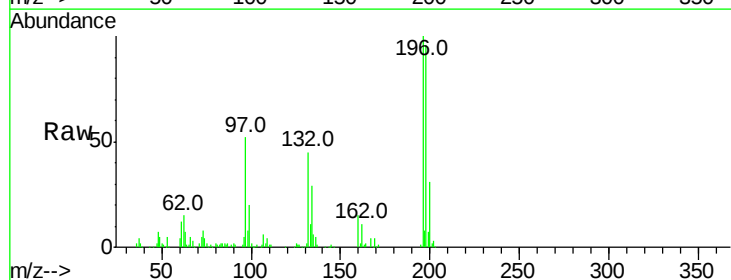
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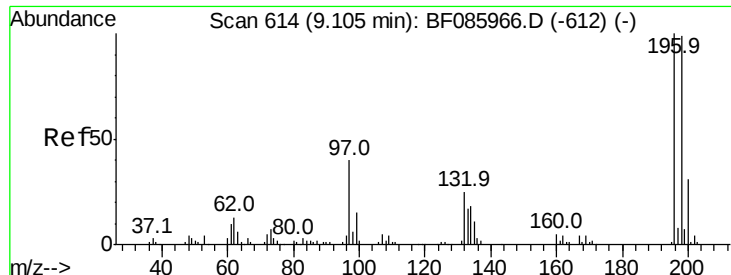
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#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156805		
198	96.1	75.3	112.9	
200	31.0	23.7	35.5	





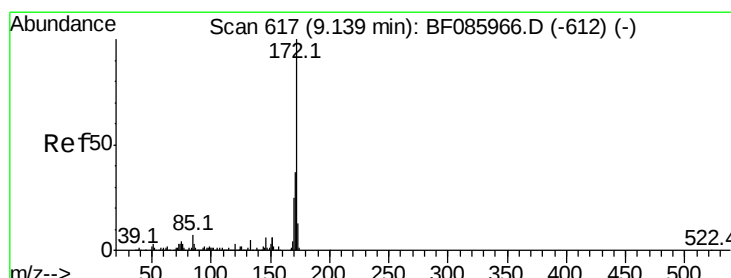
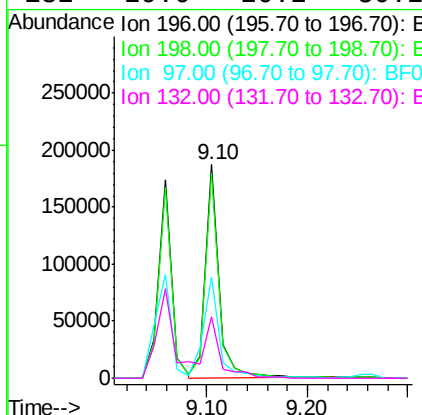
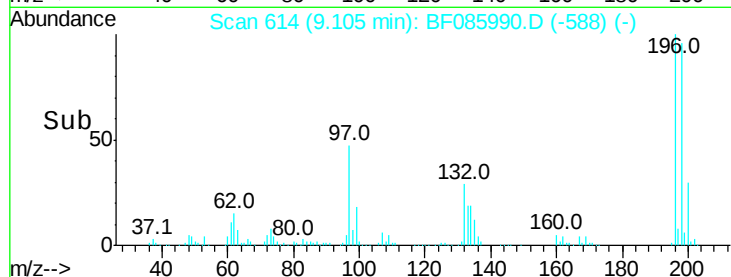
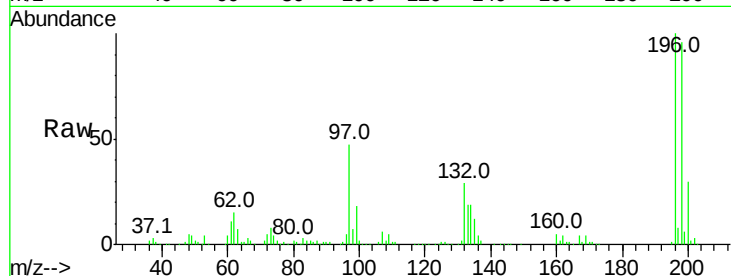
#43
 2,4,5-Trichlorophenol
 Concen: 41.78 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	175741		
198	96.0	76.6	114.8	
97	47.3	30.5	45.7	
132	29.0	20.2	30.2	

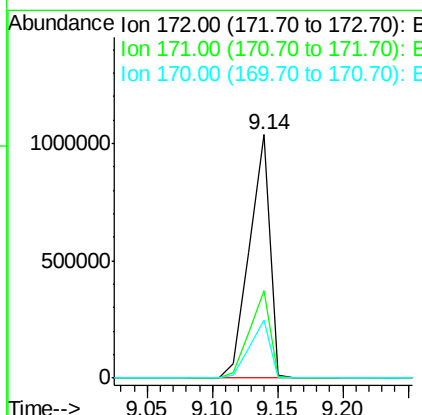
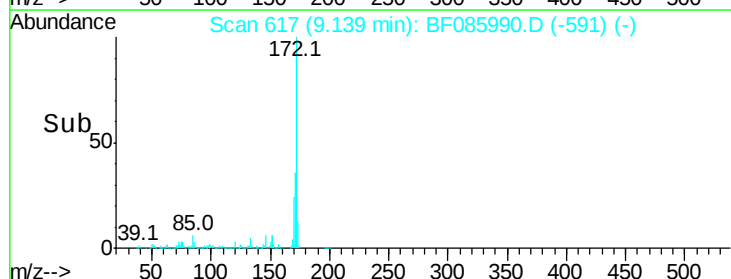
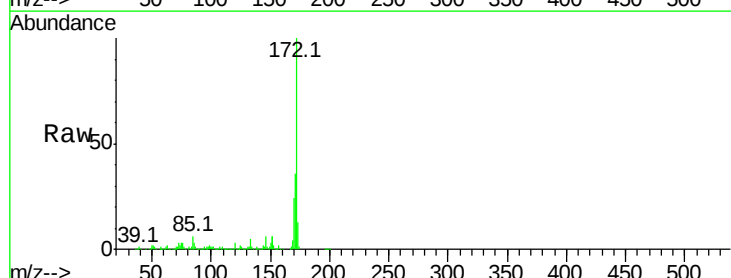
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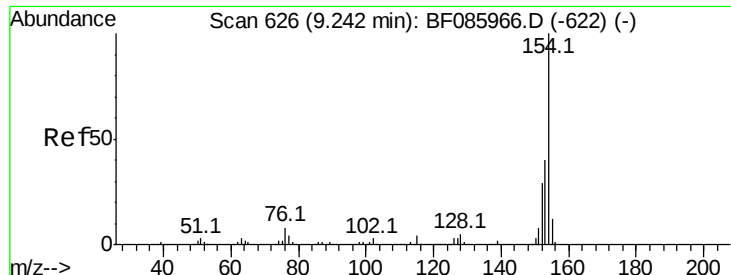
Sohil
 4/4/2016 7:38:13 PM



#44
 2-Fluorobiphenyl
 Concen: 87.79 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1133428		
171	36.1	29.4	44.2	
170	24.0	19.8	29.6	





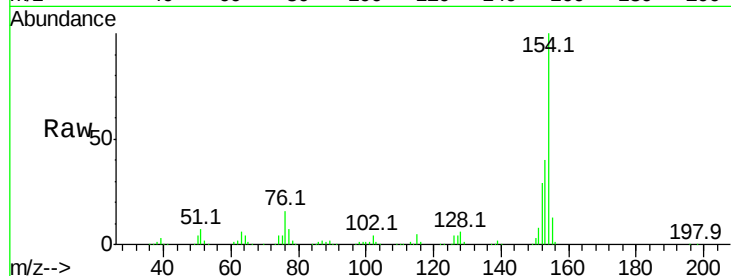
#45
 1,1'-Biphenyl
 Concen: 35.50 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	657081		
153	40.4	20.8	60.8	
76	16.2	0.0	36.7	

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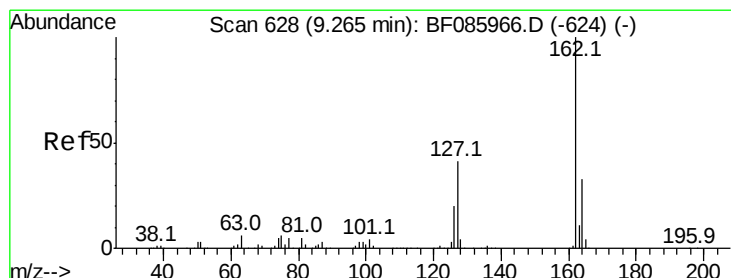
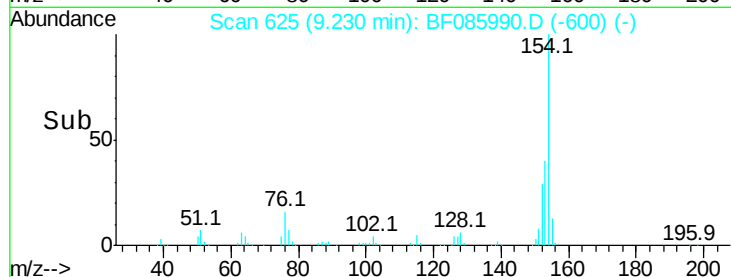
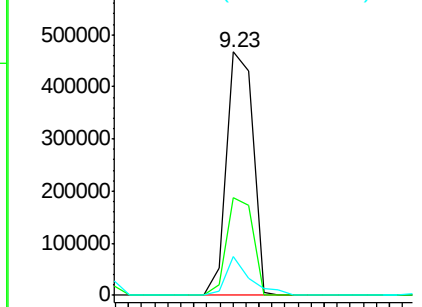


Abundance

Ion 154.00 (153.70 to 154.70): E

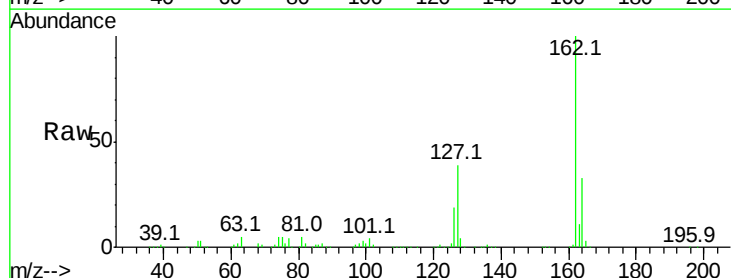
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	519617		
127	39.2	31.7	47.5	
164	33.2	27.3	40.9	

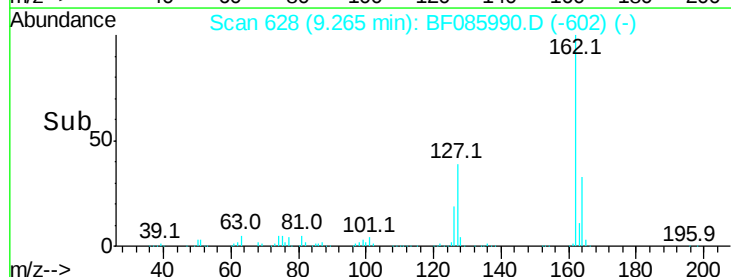
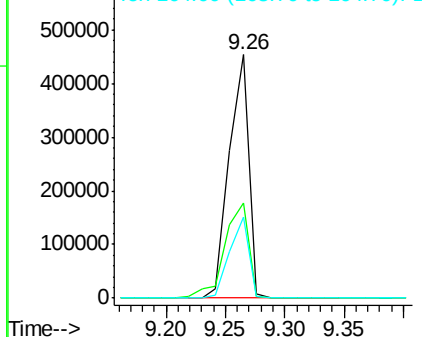


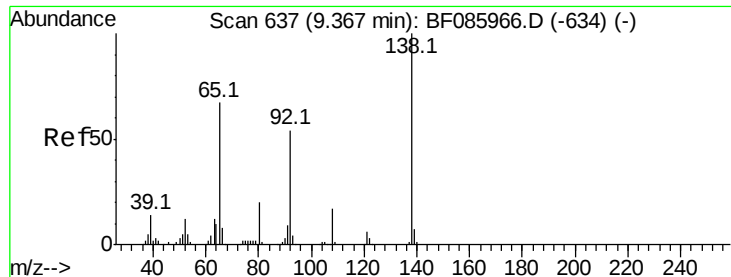
Abundance

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





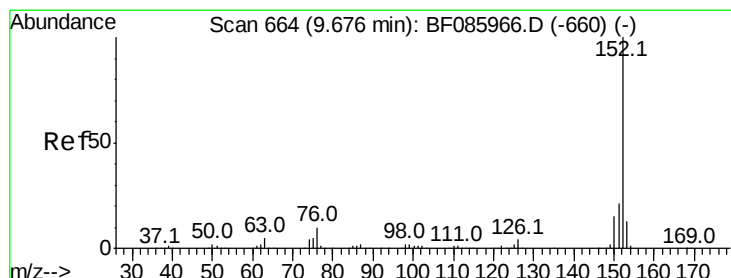
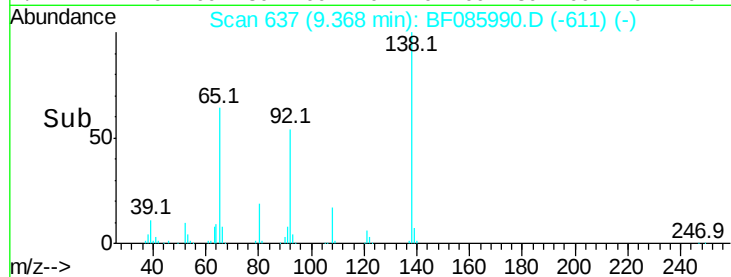
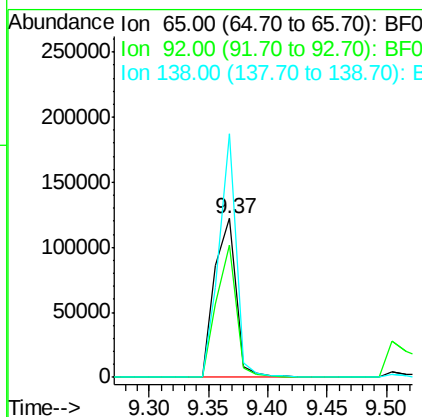
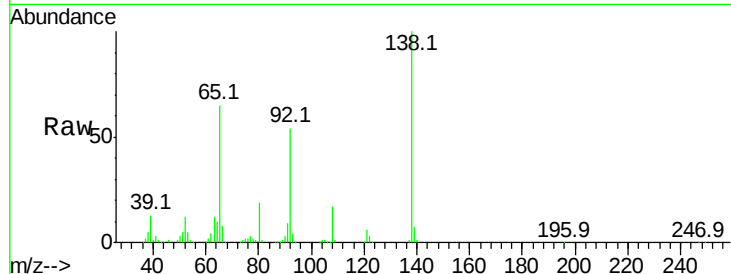
#47
2-Nitroaniline
Concen: 38.83 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	83.5	59.7	89.5
138	153.3	91.4	137.0

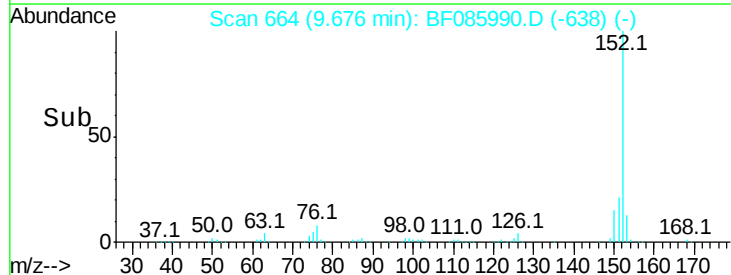
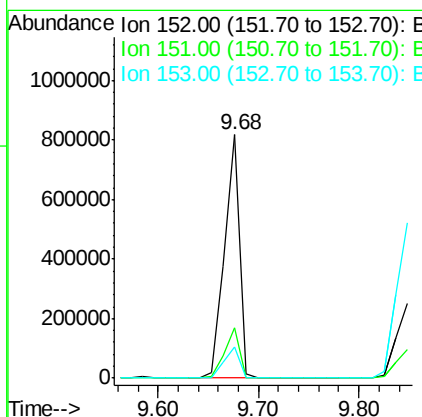
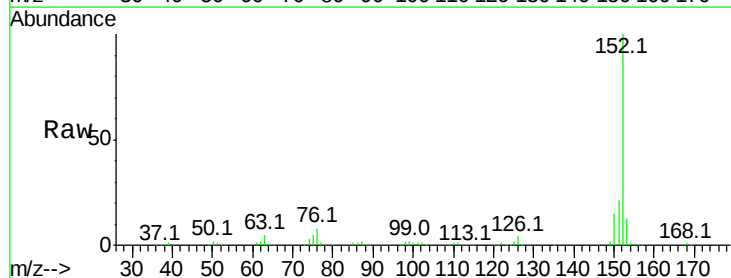
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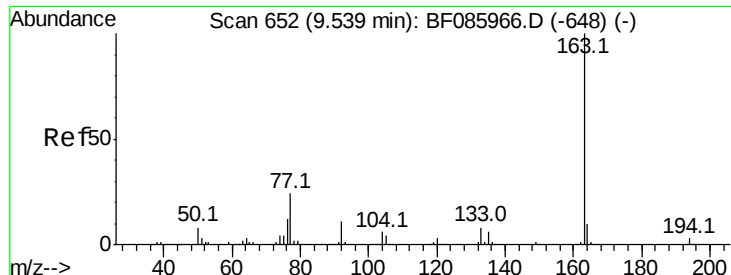
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#48
Acenaphthylene
Concen: 39.31 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.9	10.9	16.3





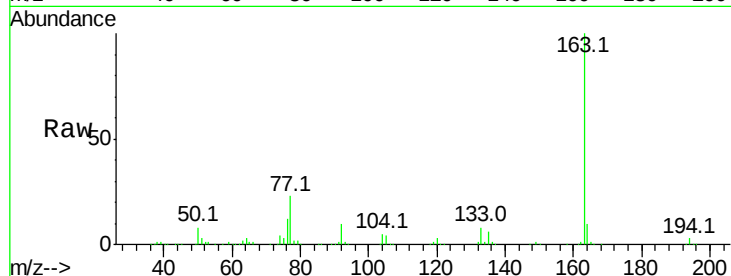
#49
Dimethylphthalate
Concen: 37.32 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

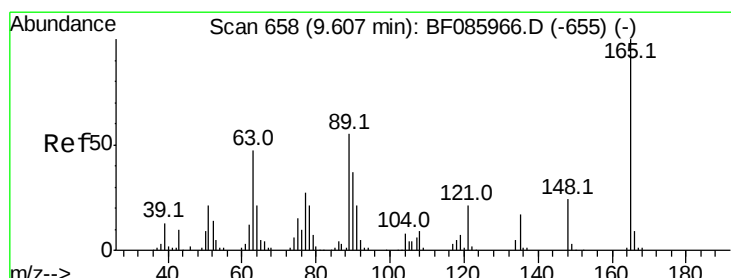
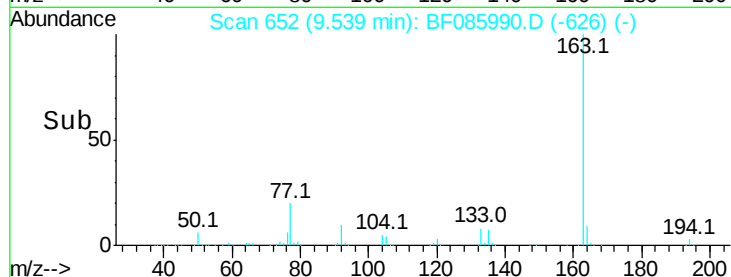
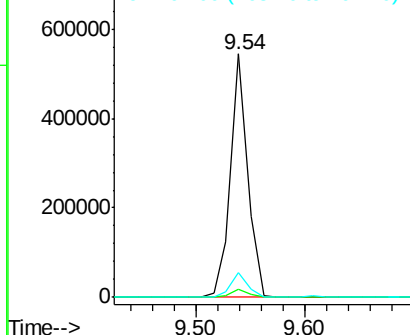
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.9	4.3
164	10.4	8.3	12.5

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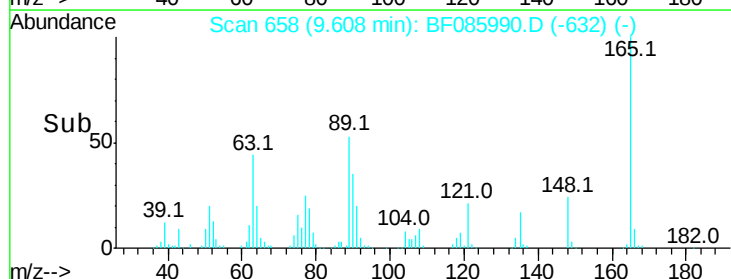
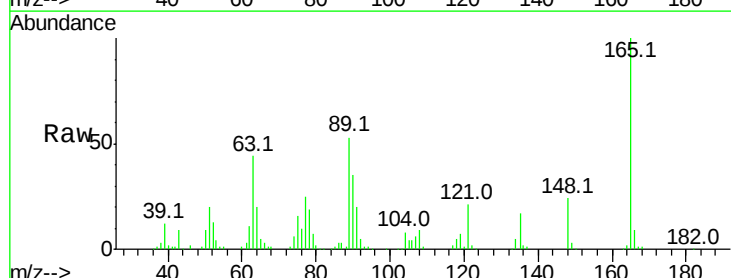
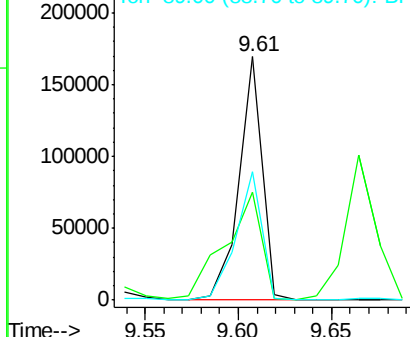
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

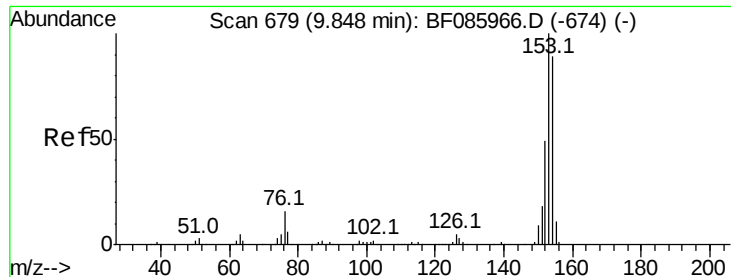


#50
2,6-Dinitrotoluene
Concen: 44.00 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.3	51.8	77.8#
89	52.9	53.7	80.5#

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





#51

Acenaphthene

Concen: 39.86 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

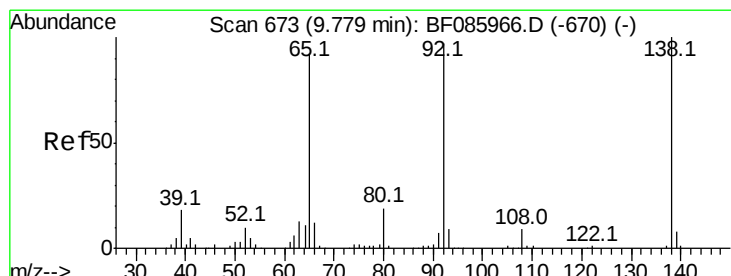
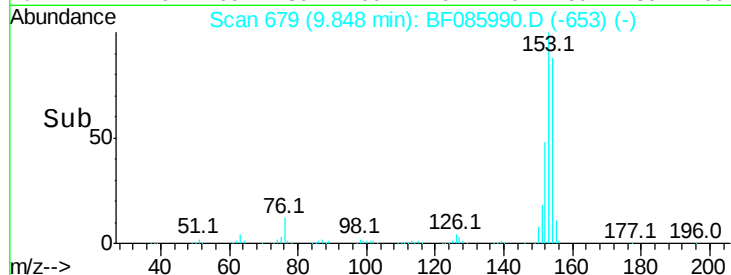
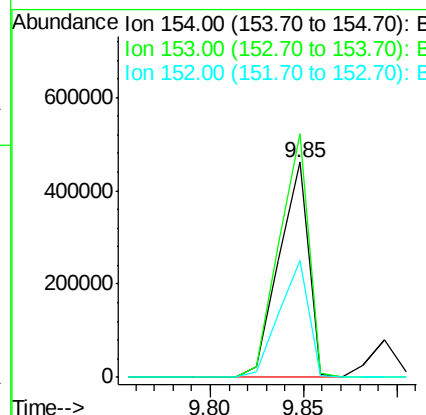
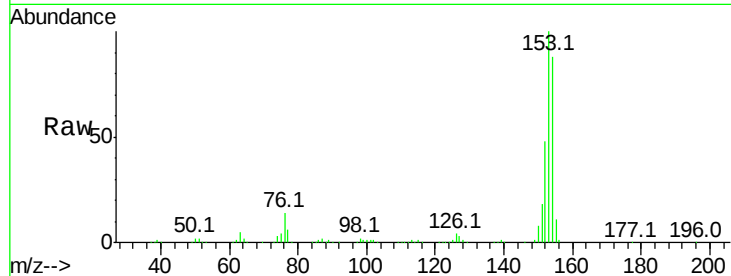
ClientSampleId :

PB89385BS

Tot Ion:	154	Resp:	509475
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.1	135.1
152	54.6	44.2	66.2

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#52

3-Nitroaniline

Concen: 7.05 ng

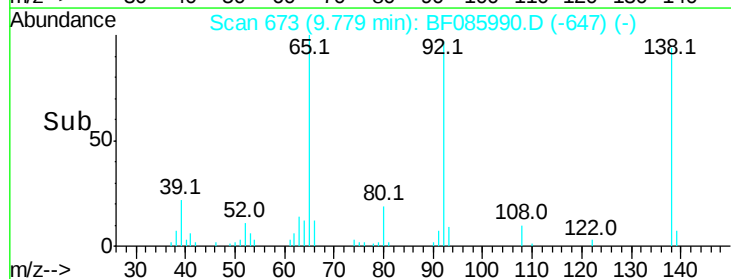
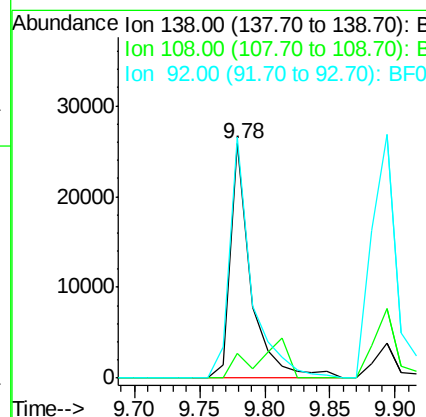
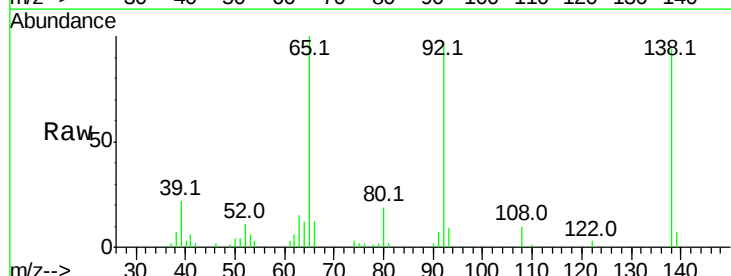
RT: 9.78 min Scan# 673

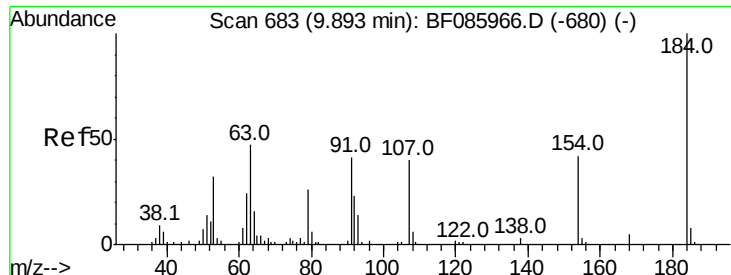
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	138	Resp:	28588
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	103.1	93.3	139.9





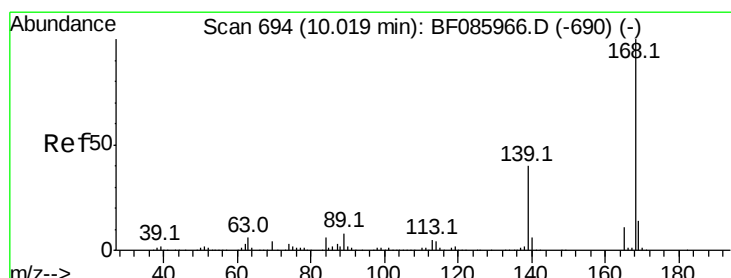
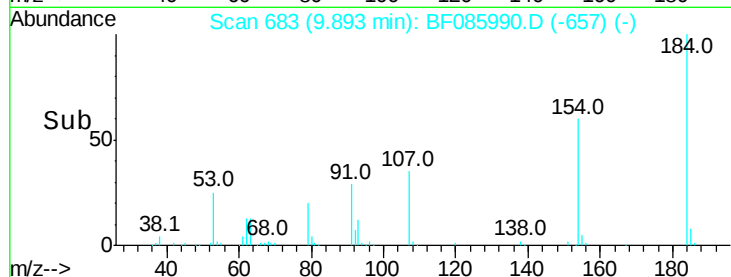
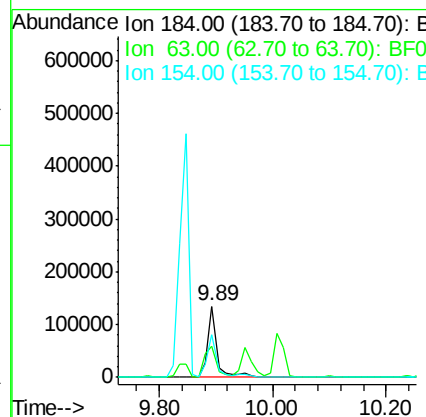
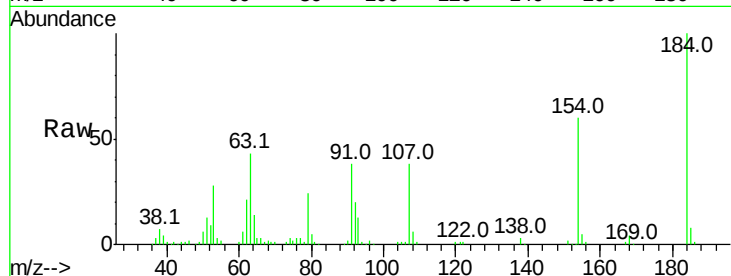
#53
 2,4-Dinitrophenol
 Concen: 70.09 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	152379		
63	43.0	69.5	104.3	#
154	60.3	58.3	87.5	

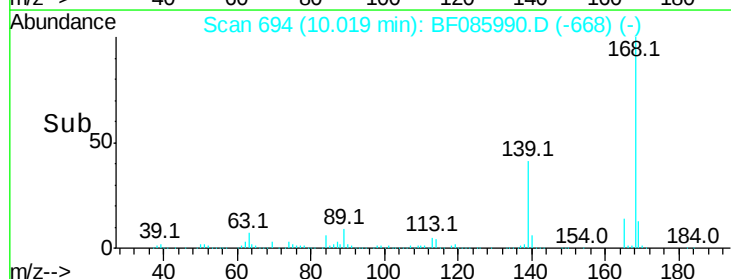
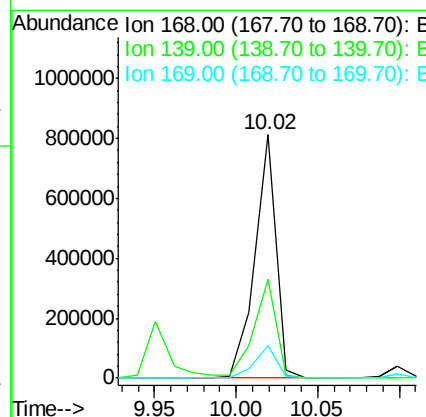
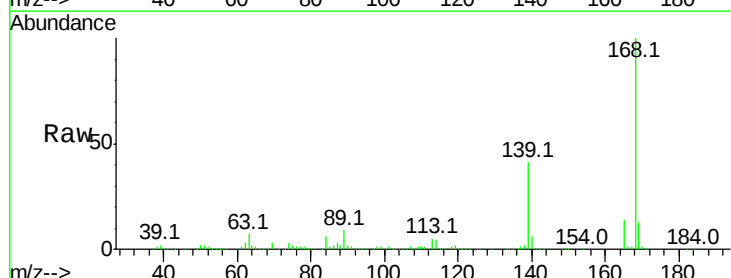
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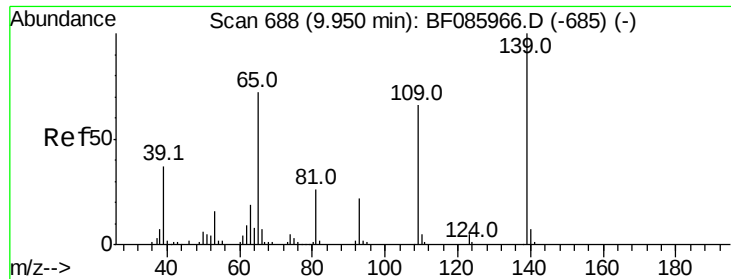
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#54
 Dibenzofuran
 Concen: 43.40 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	732584		
139	40.8	31.9	47.9	
169	13.4	11.0	16.6	





#55

4-Nitrophenol

Concen: 76.41 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

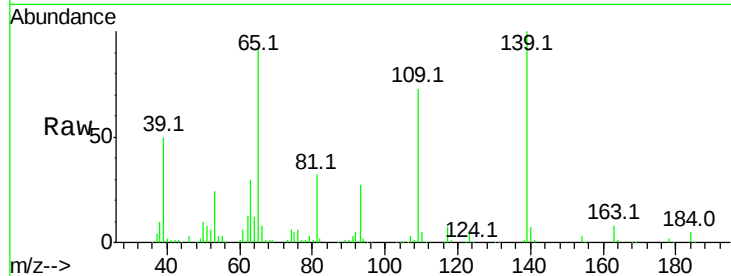
ClientSampleId :

PB89385BS

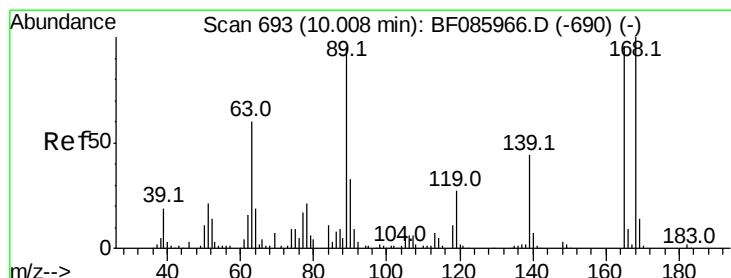
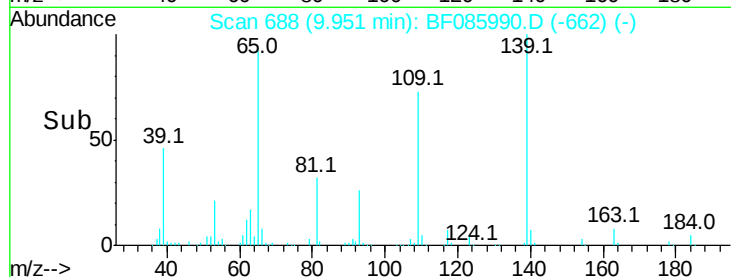
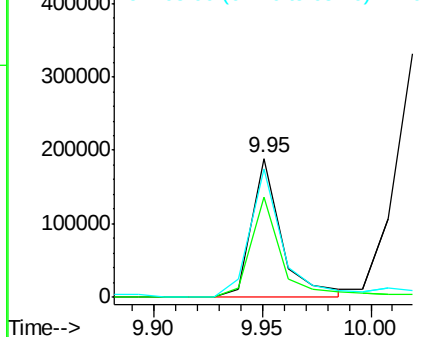
Tot Ion:	139	Resp:	182734
Ion Ratio	Lower	Upper	
139	100		
109	72.6	49.2	89.2
65	92.5	66.9	106.9

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



#56

2,4-Dinitrotoluene

Concen: 39.01 ng

RT: 10.01 min Scan# 693

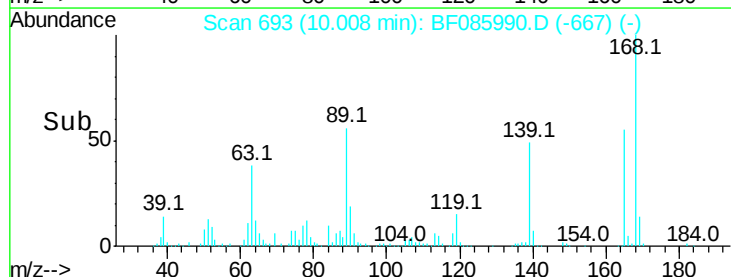
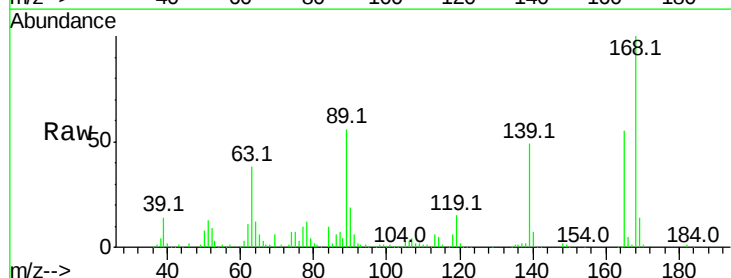
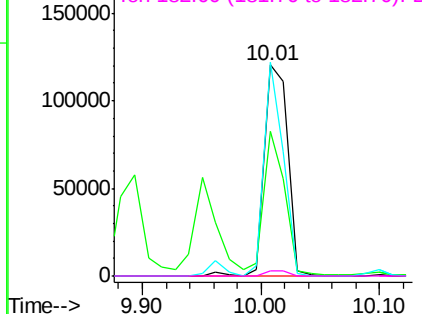
Delta R.T. 0.00 min

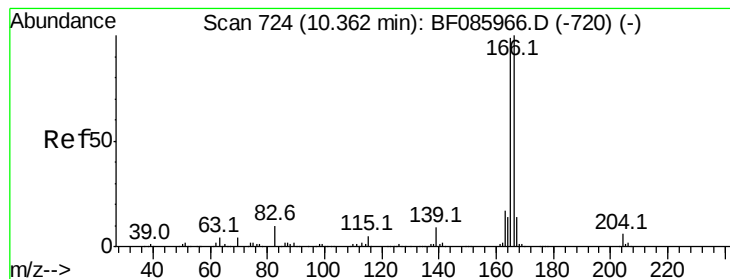
Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	165	Resp:	165918
Ion Ratio	Lower	Upper	
165	100		
63	68.9	24.9	37.3#
89	101.3	41.0	61.6#
182	2.2	2.1	3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.65 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

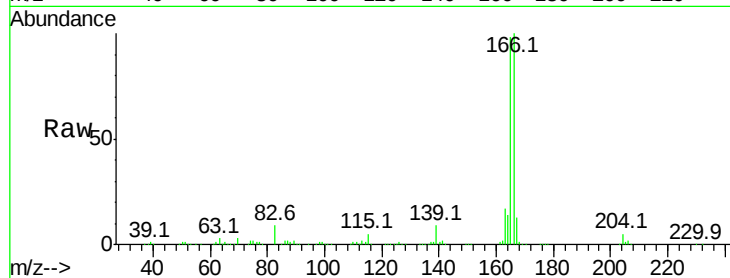
ClientSampleId :

PB89385BS

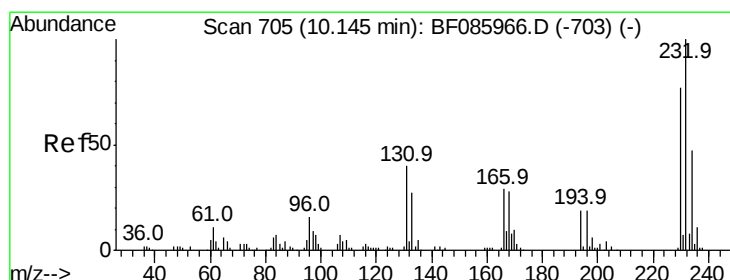
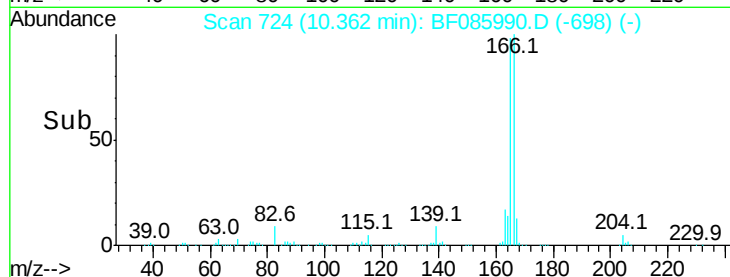
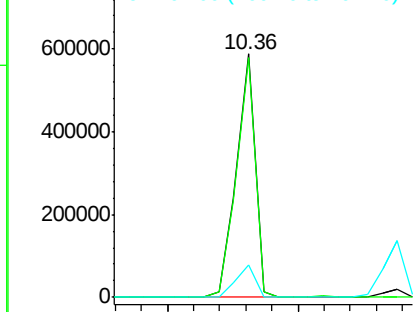
Tot Ion:	166	Resp:	586164
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.4	119.0
167	13.3	11.0	16.4

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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: 43.24 ng

RT: 10.14 min Scan# 705

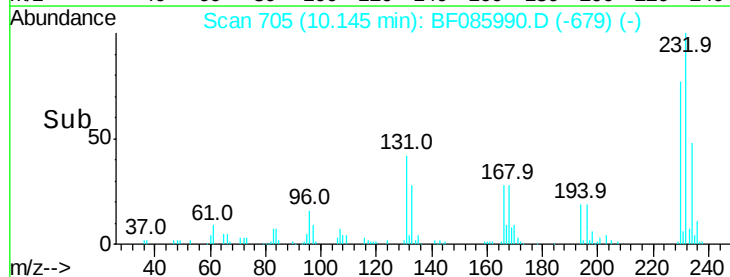
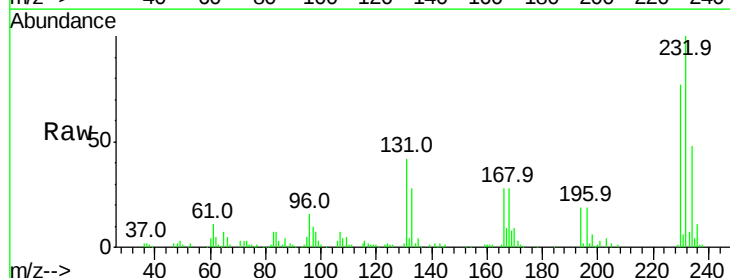
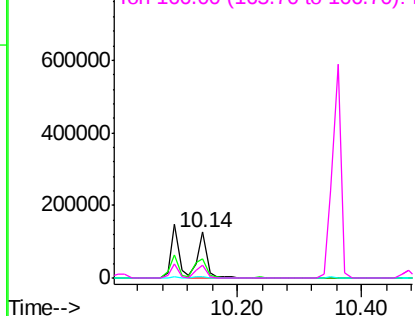
Delta R.T. 0.00 min

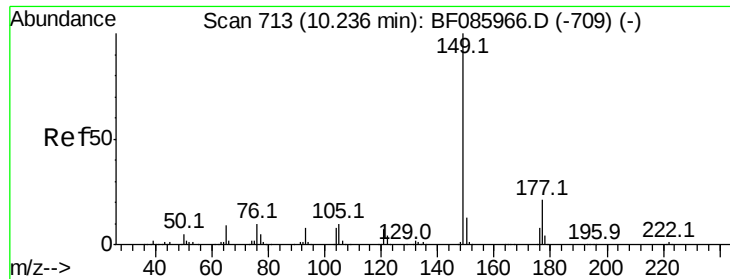
Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	232	Resp:	135411
Ion Ratio	Lower	Upper	
232	100		
131	54.3	44.9	67.3
130	2.6	2.3	3.5
166	30.9	28.1	42.1

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: 37.56 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

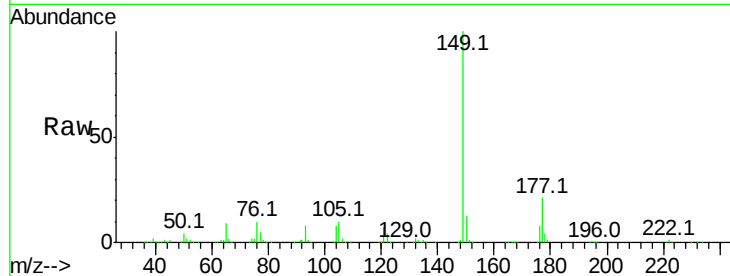
ClientSampleId :

PB89385BS

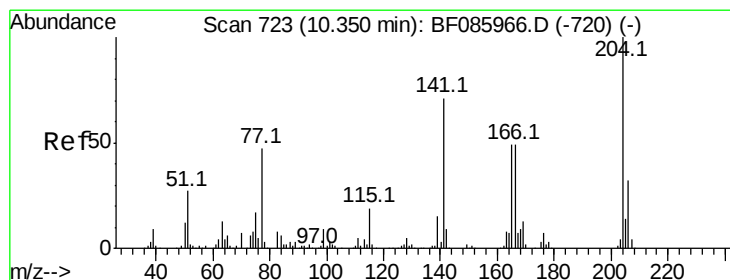
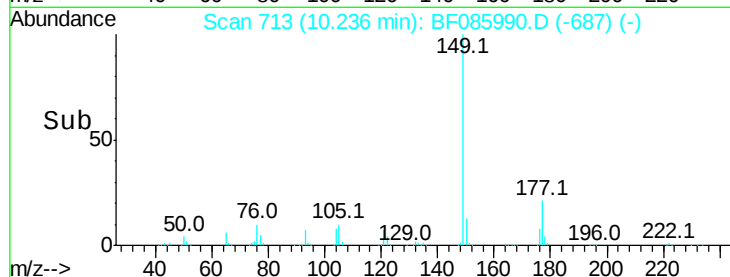
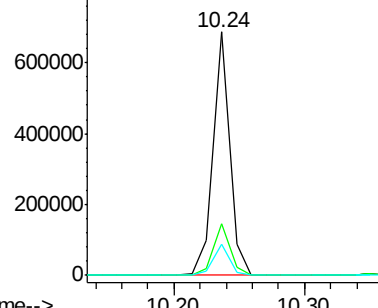
Tot Ion:	149	Resp:	603141
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.9	26.9
150	12.8	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.86 ng

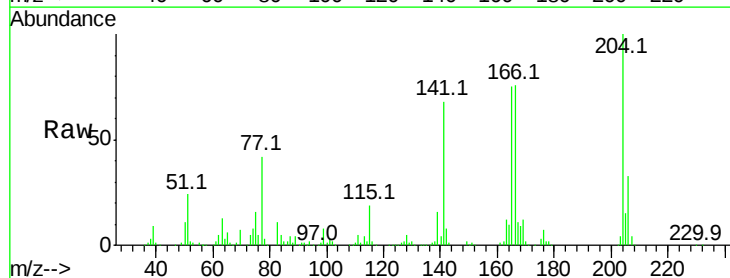
RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

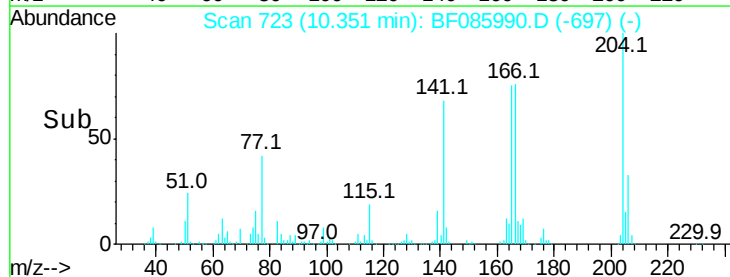
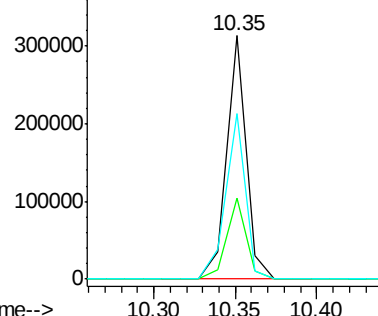
Lab File: BF085990.D

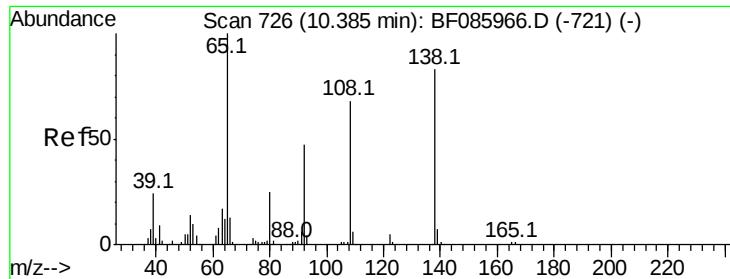
Acq: 2 Apr 2016 4:59

Tgt Ion:	204	Resp:	260994
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	39.8
141	68.0	57.4	86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





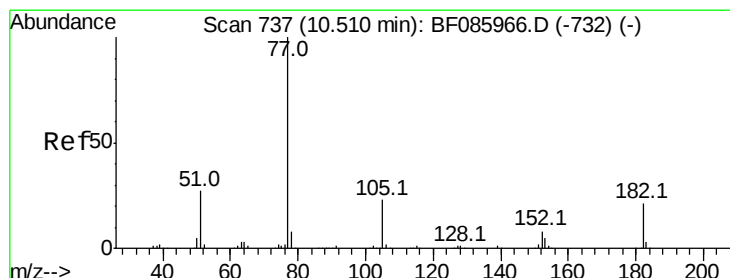
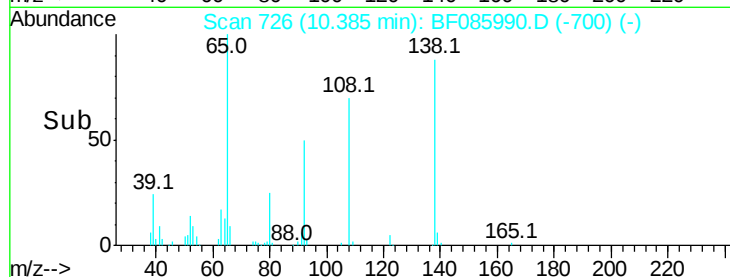
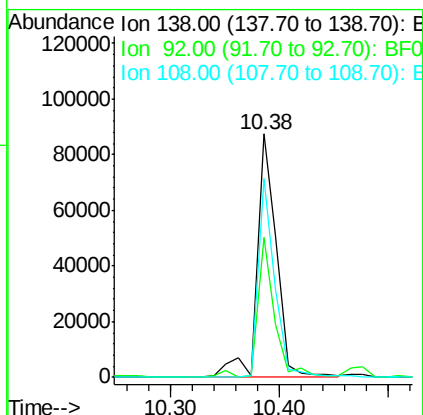
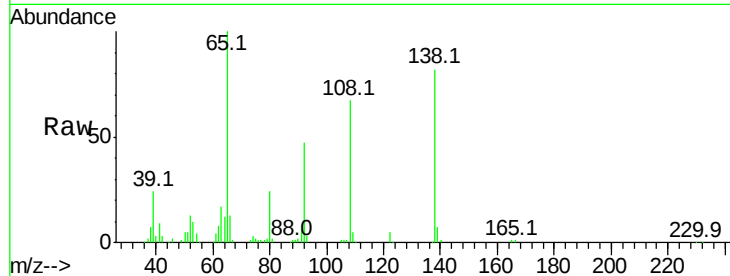
#61
4-Nitroaniline
Concen: 27.33 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	109188		
92	57.5	26.4	66.4	
108	81.5	49.0	89.0	

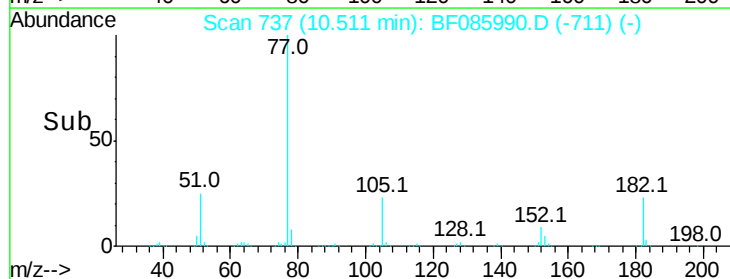
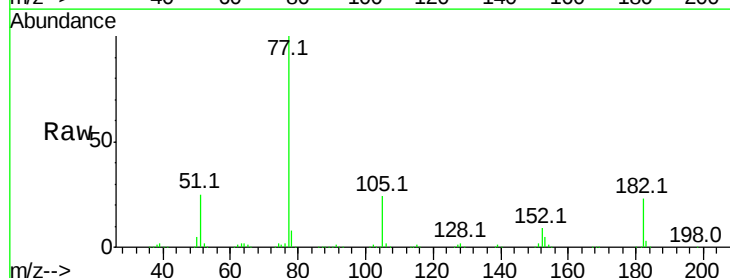
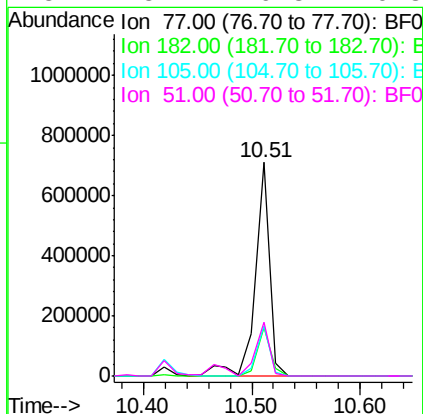
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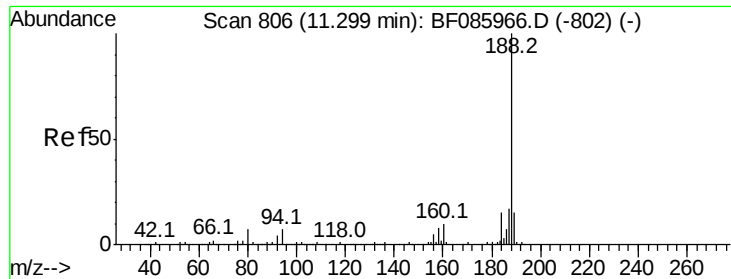
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#62
Azobenzene
Concen: 42.99 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	661299		
182	23.0	1.9	41.9	
105	23.5	3.5	43.5	
51	25.4	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

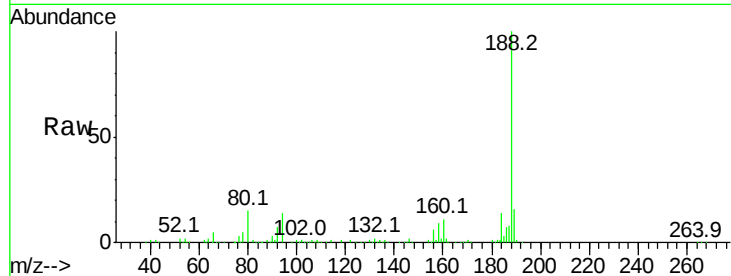
ClientSampleId :

PB89385BS

Tot Ion:	188	Resp:	405429
Ion Ratio	Lower	Upper	
188	100		
94	13.9	5.4	8.0#
80	14.9	5.5	8.3#

Manual Integrations
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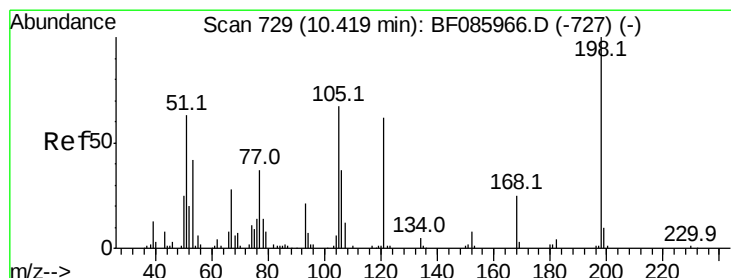
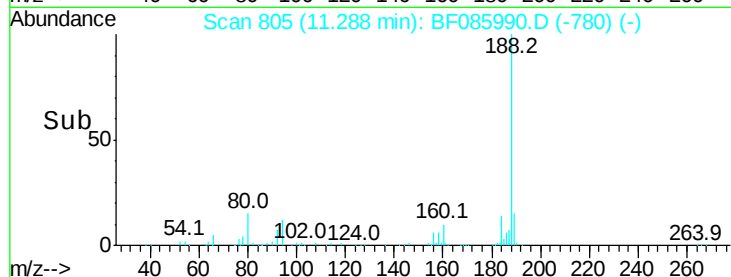
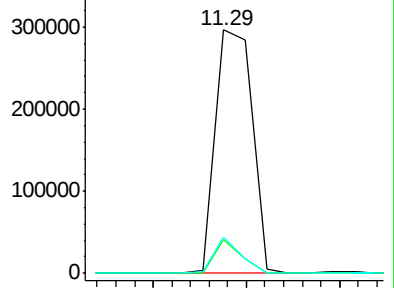
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.21 ng

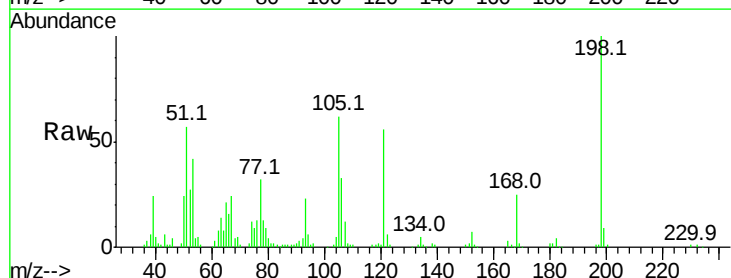
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

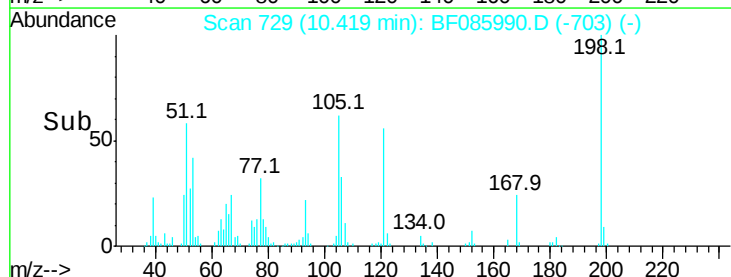
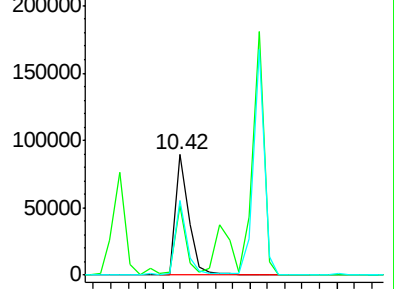
Tgt Ion:	198	Resp:	96338
Ion Ratio	Lower	Upper	
198	100		
51	57.2	45.4	85.4
105	61.8	45.9	85.9

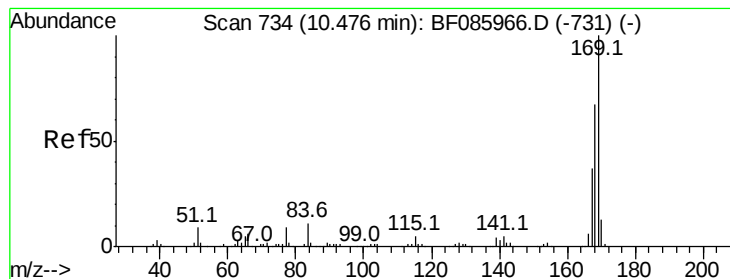


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.69 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

ClientSampleId :

PB89385BS

Tot Ion:169 Resp: 401823

Ion Ratio Lower Upper

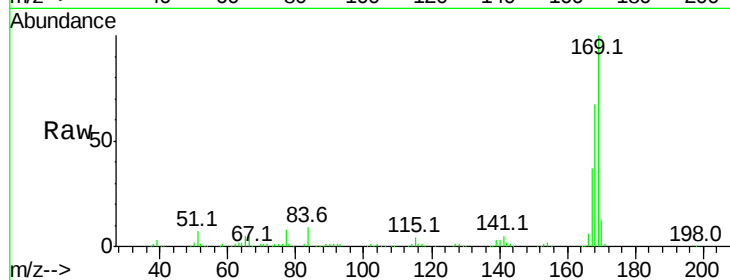
169 100

168 67.0 54.4 81.6

167 36.7 29.4 44.0

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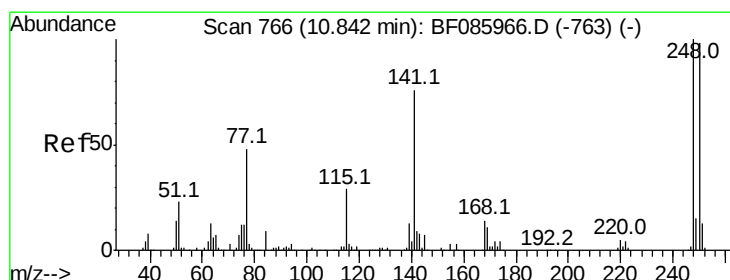
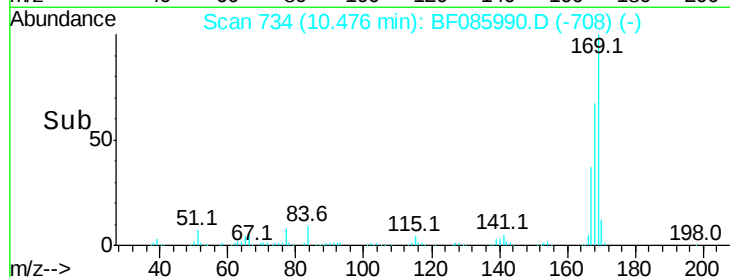
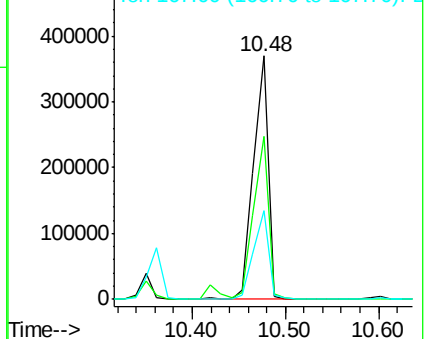
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.42 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

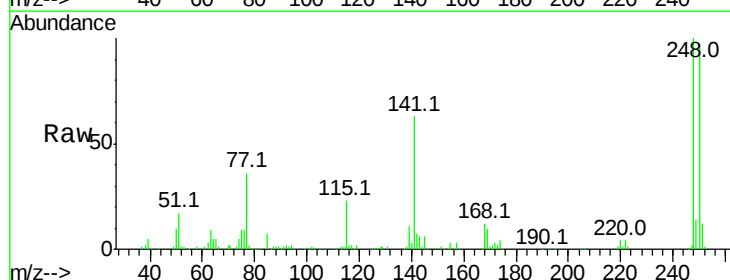
Tgt Ion:248 Resp: 167300

Ion Ratio Lower Upper

248 100

250 97.2 77.4 116.0

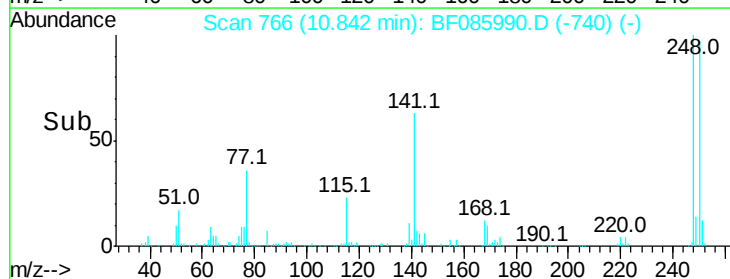
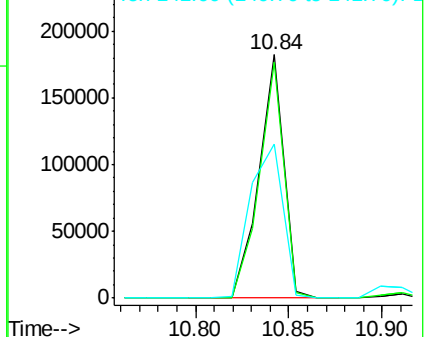
141 63.5 63.6 95.4#

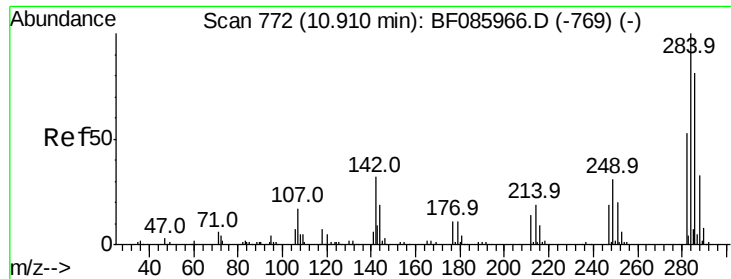


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.56 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

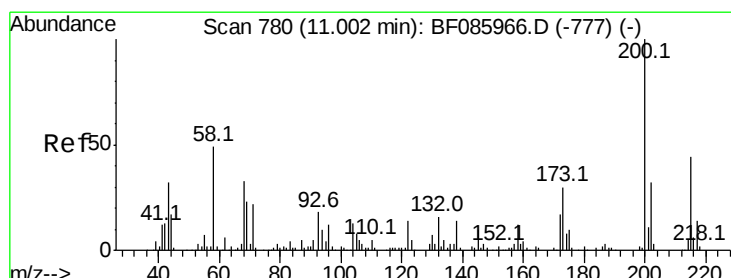
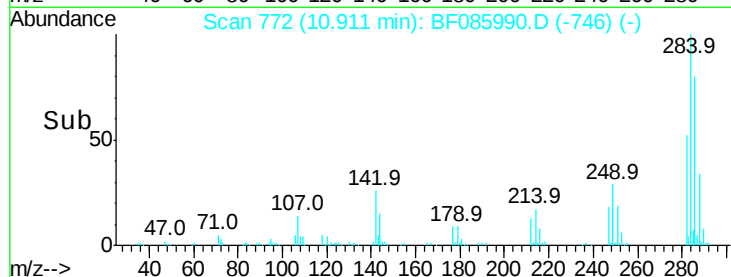
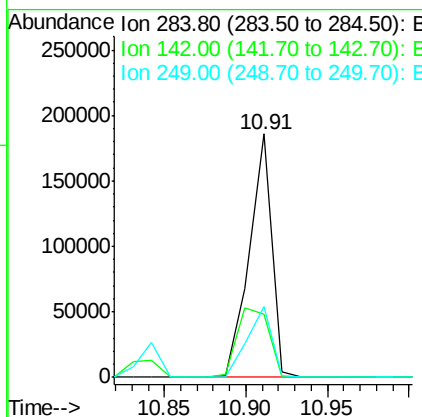
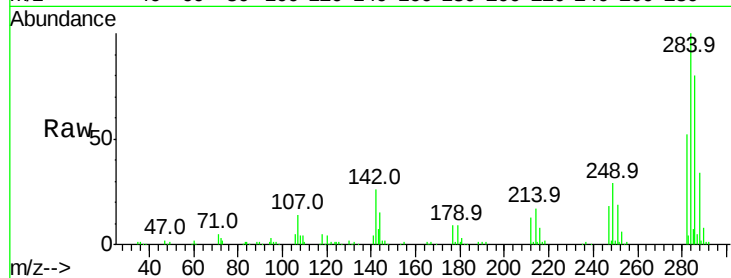
ClientSampleId :

PB89385BS

Tot Ion:	284	Resp:	177899
Ion Ratio	Lower	Upper	
284	100		
142	26.0	23.1	34.7
249	29.3	24.2	36.2

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#68

Atrazine

Concen: 21.18 ng

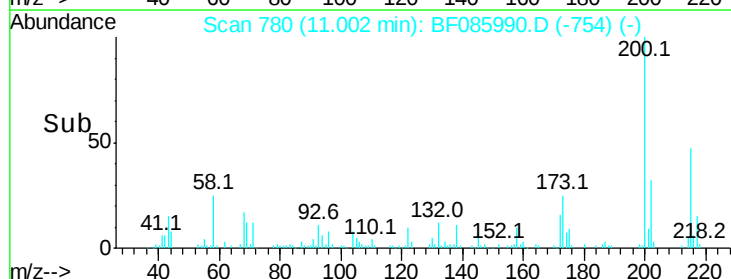
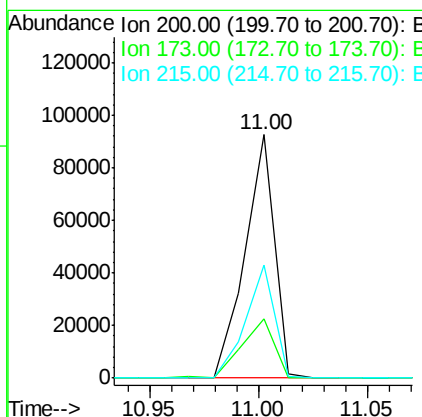
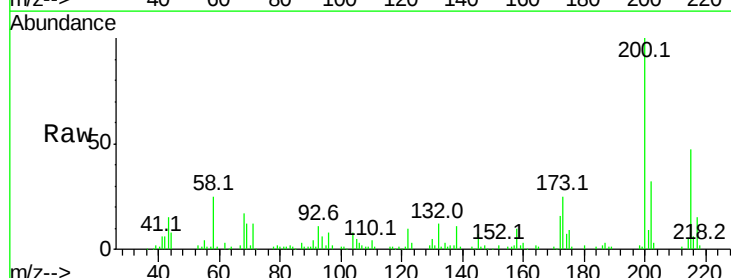
RT: 11.00 min Scan# 780

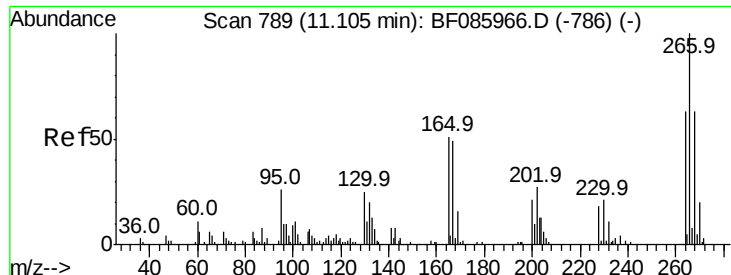
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	200	Resp:	86790
Ion Ratio	Lower	Upper	
200	100		
173	24.6	7.7	47.7
215	46.5	25.4	65.4





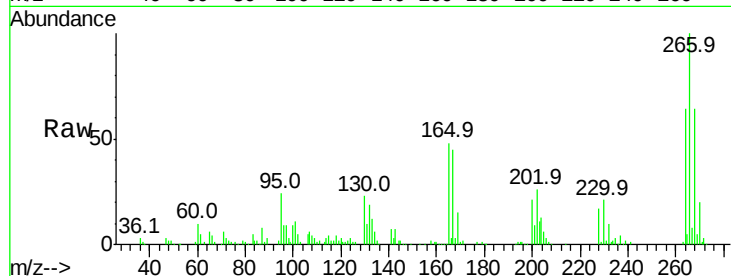
#69
 Pentachlorophenol
 Concen: 83.08 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

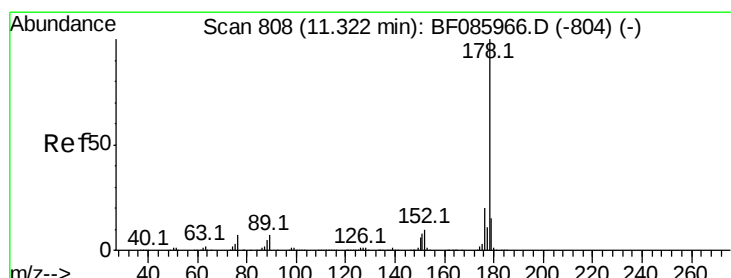
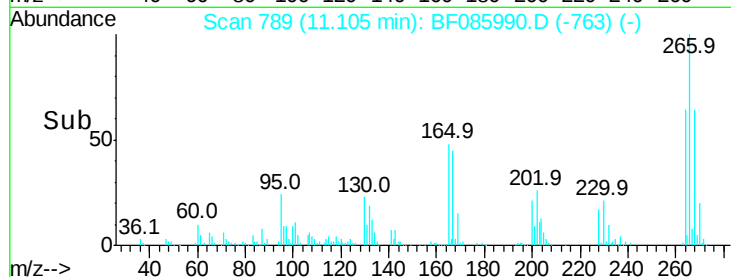
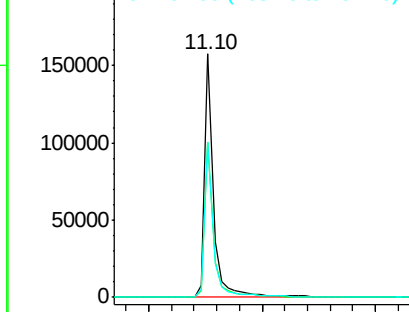
Tot Ion	Ratio	Resp	Lower	Upper
266	100	166666		
268	63.6	51.5	77.3	
264	63.6	50.6	76.0	

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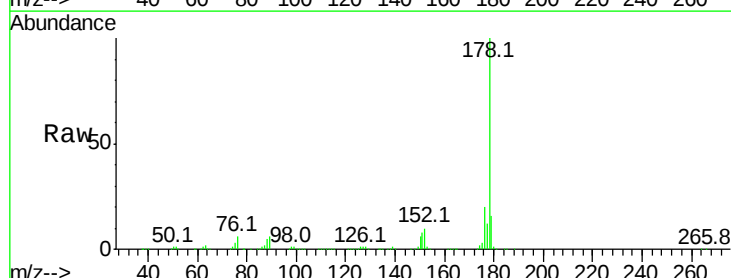


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

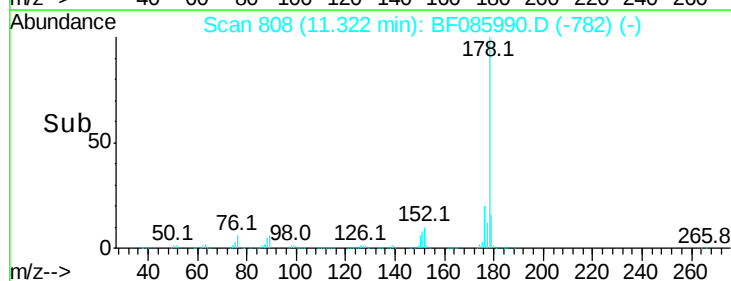
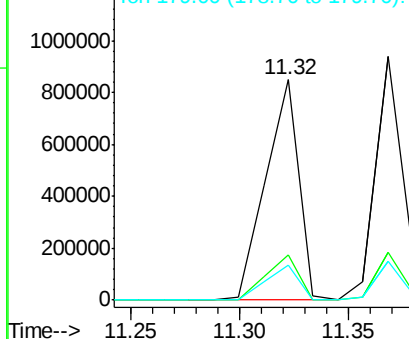


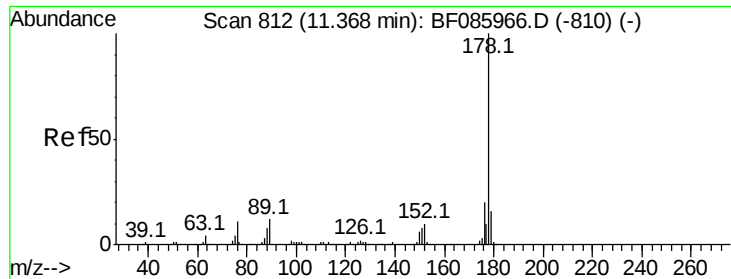
#70
 Phenanthrene
 Concen: 40.97 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	906174		
176	20.3	16.3	24.5	
179	15.7	12.6	18.8	



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





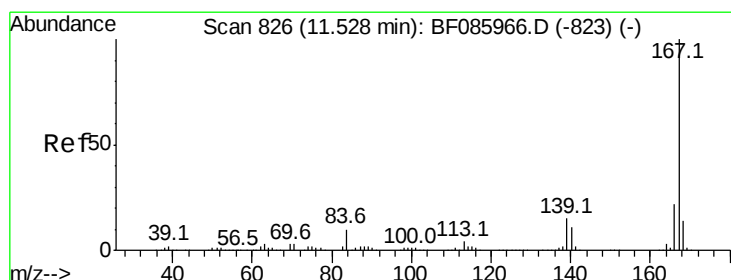
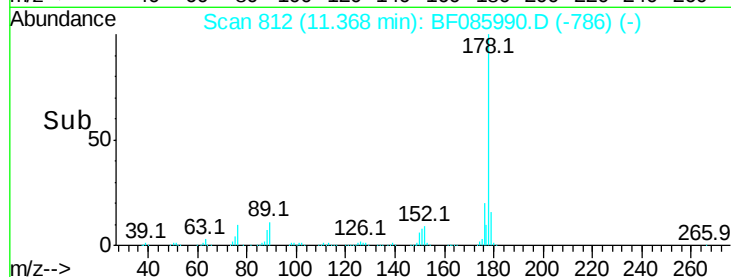
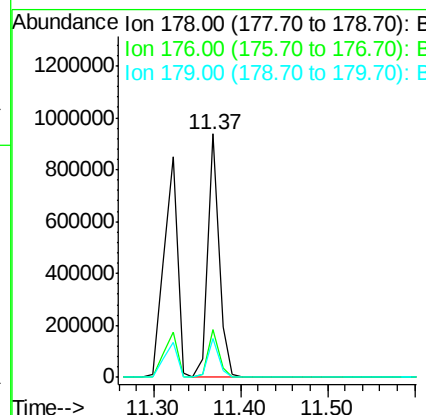
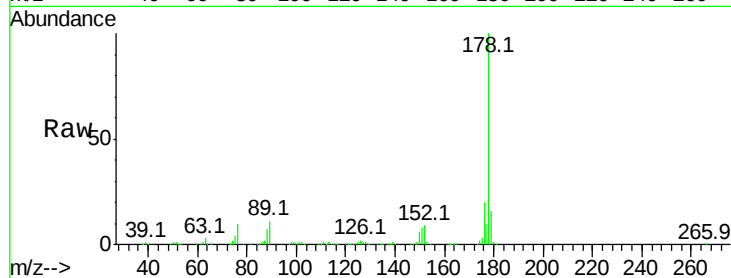
#71
 Anthracene
 Concen: 36.17 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.0	13.0	19.4

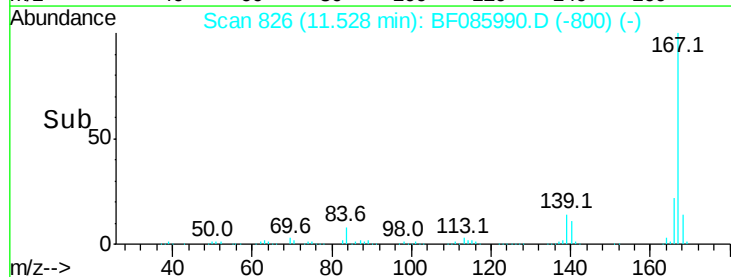
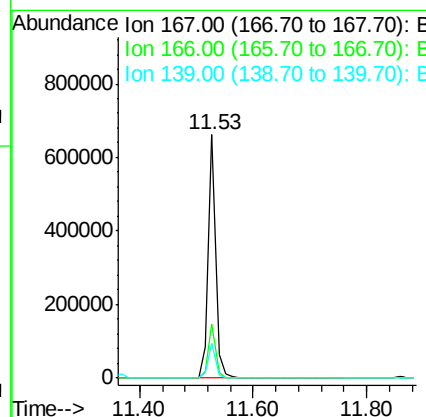
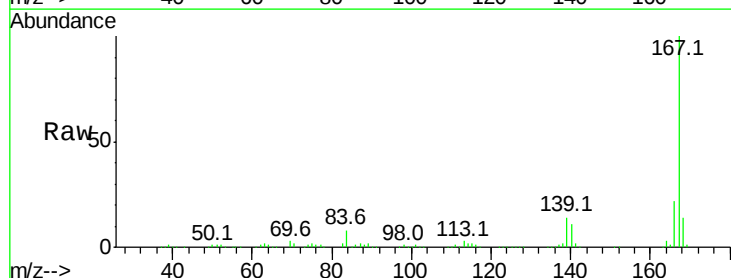
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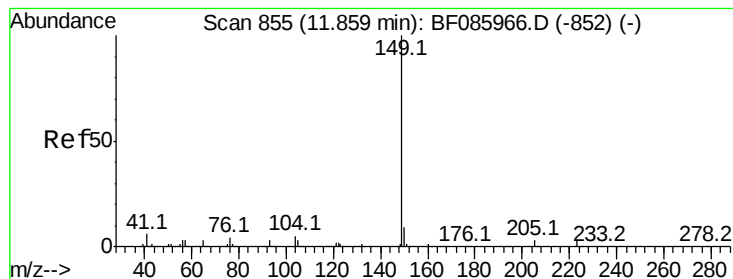
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#72
 Carbazole
 Concen: 28.90 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	14.2	11.6	17.4





#73

Di-n-butylphthalate

Concen: 42.27 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

ClientSampleId :

PB89385BS

Tot Ion:149 Resp: 1043167

Ion Ratio Lower Upper

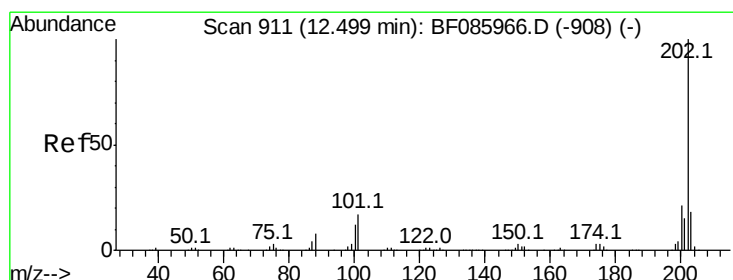
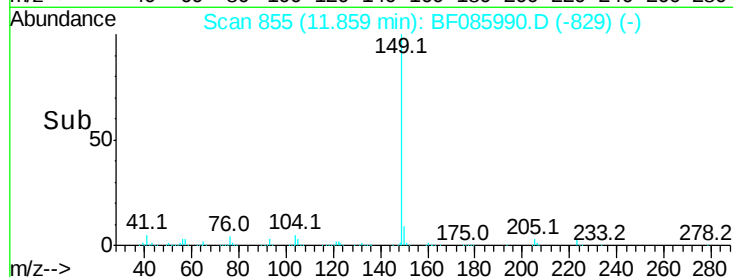
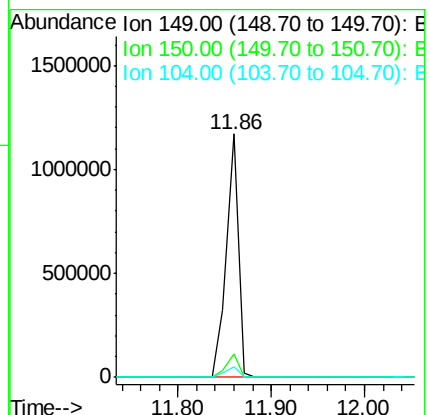
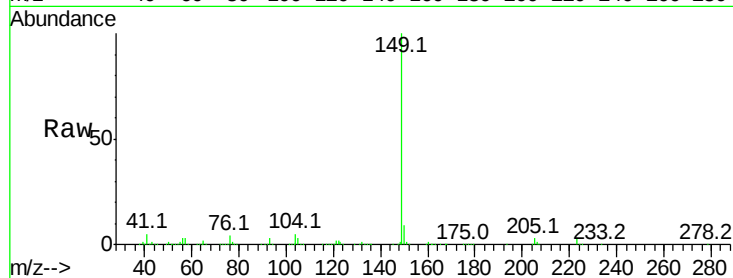
149 100

150 9.5 7.6 11.4

104 4.6 3.8 5.8

Manual Integrations
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#74

Fluoranthene

Concen: 37.71 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

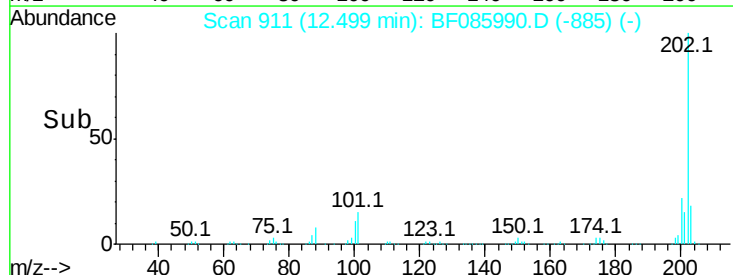
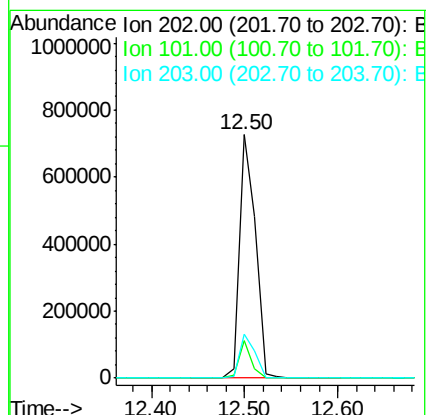
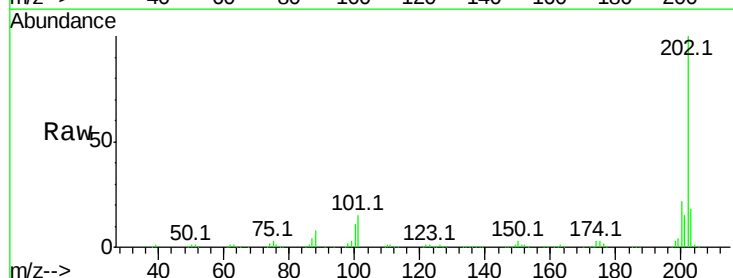
Tgt Ion:202 Resp: 867588

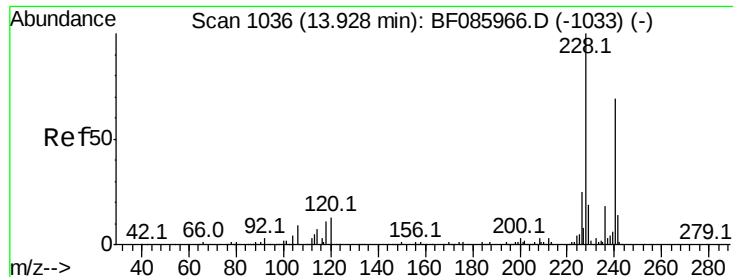
Ion Ratio Lower Upper

202 100

101 15.3 0.0 36.6

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

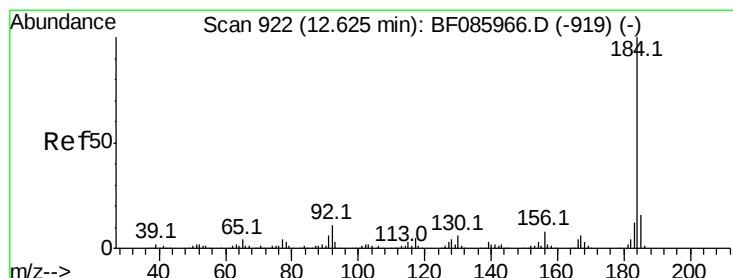
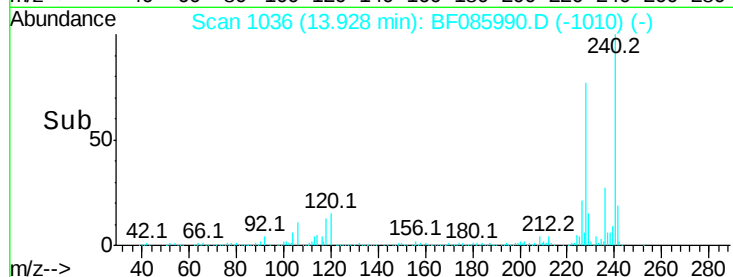
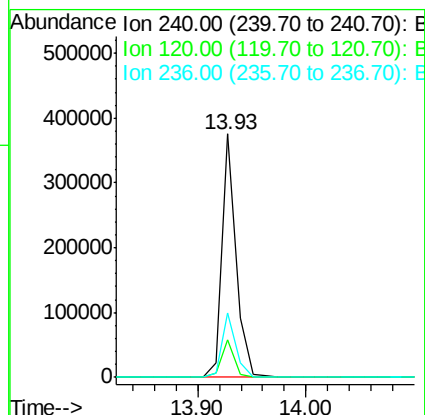
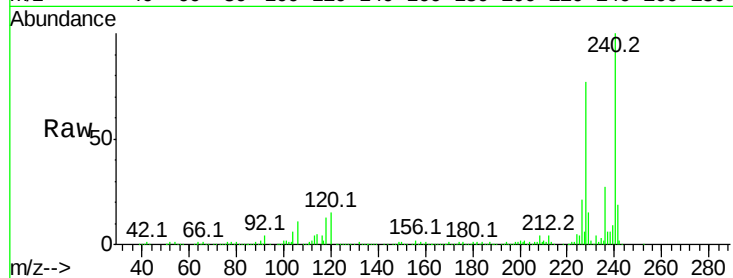
ClientSampleId :

PB89385BS

Tot Ion:	240	Resp:	341394
Ion Ratio	Lower	Upper	
240	100		
120	15.2	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 4.60 ng

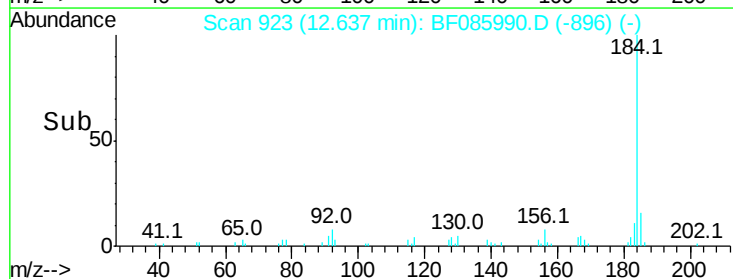
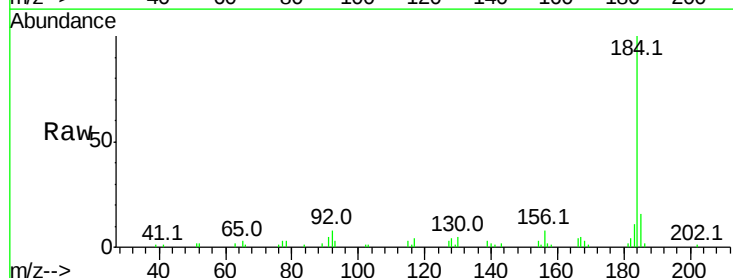
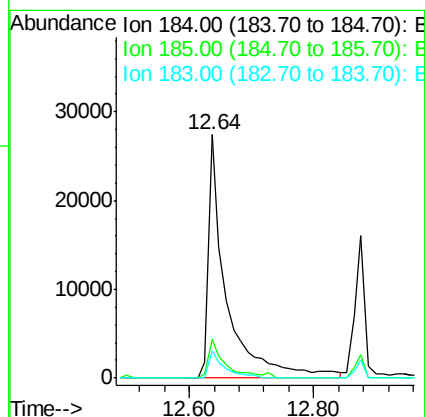
RT: 12.64 min Scan# 923

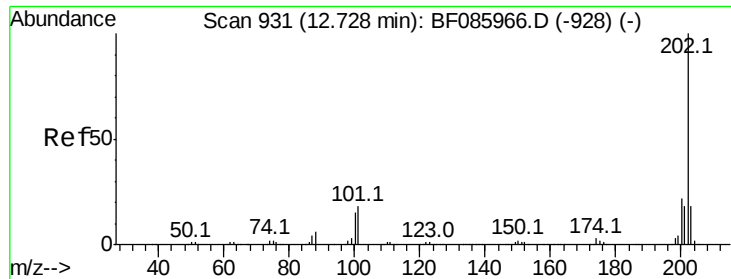
Delta R.T. 0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	184	Resp:	55433
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.4	18.6
183	11.2	9.4	14.2





#77

Pvrene

Concen: 35.61 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

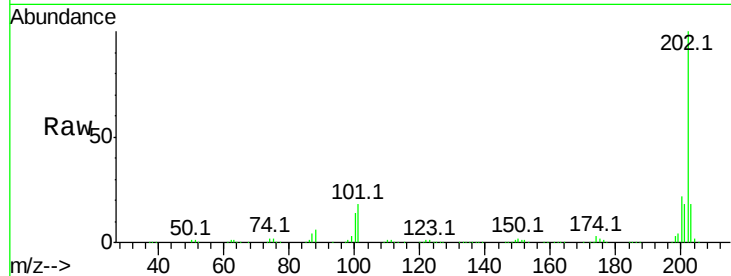
ClientSampleId :

PB89385BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.5	14.0	21.0

Manual Integrations
APPROVED

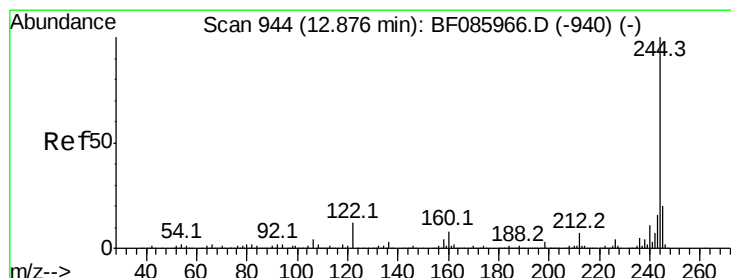
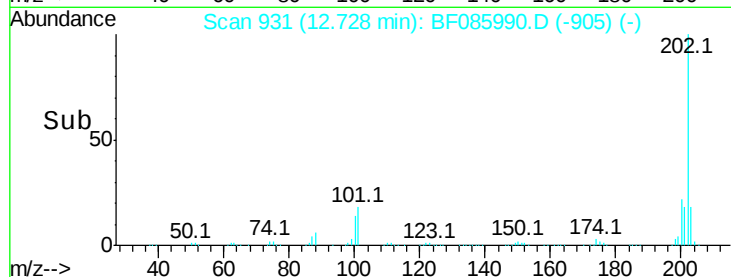
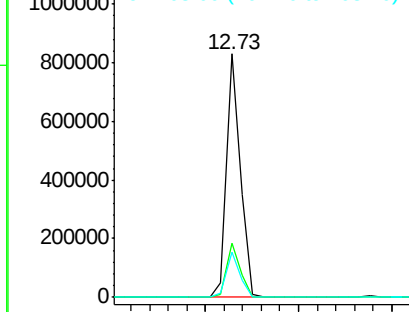
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.39 ng

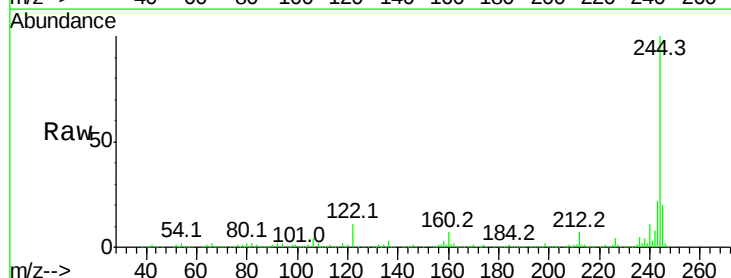
RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

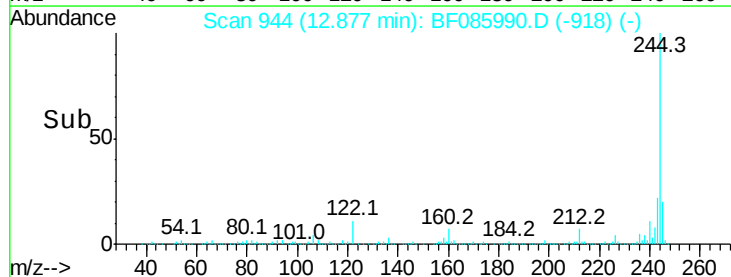
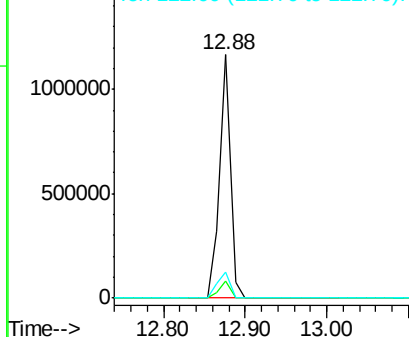
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.8	10.2	15.4

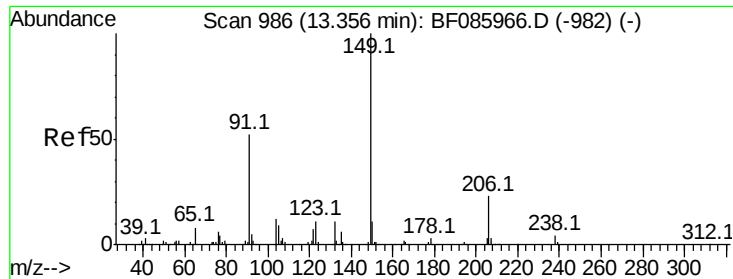


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





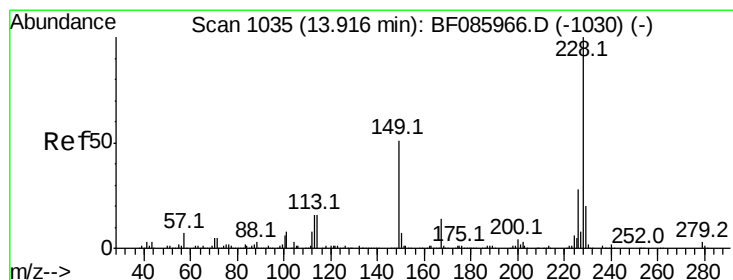
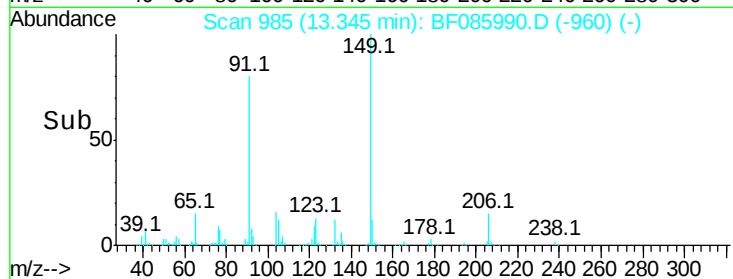
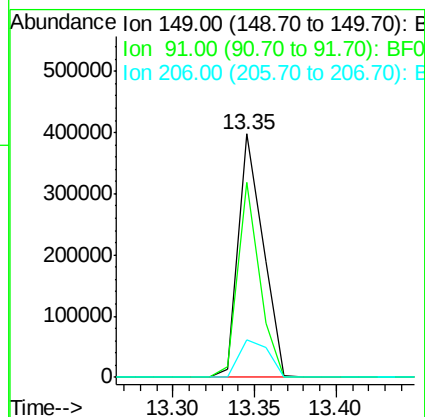
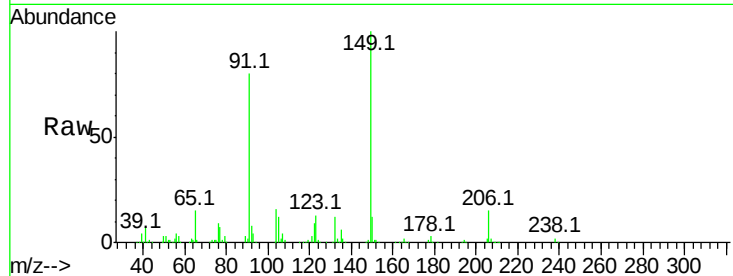
#79
Butylbenzylphthalate
Concen: 38.24 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	80.1	45.8	68.8#	
206	15.2	17.8	26.8#	

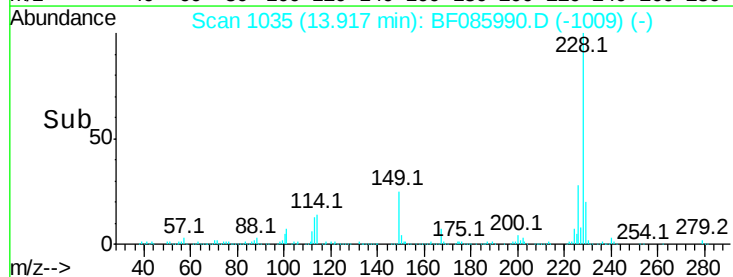
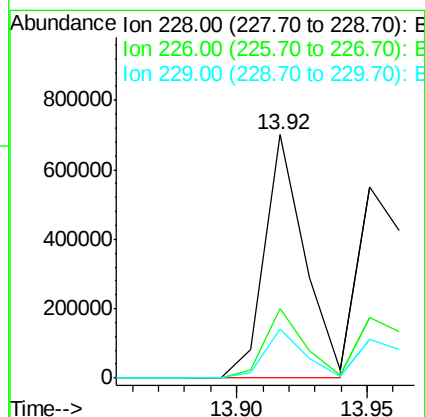
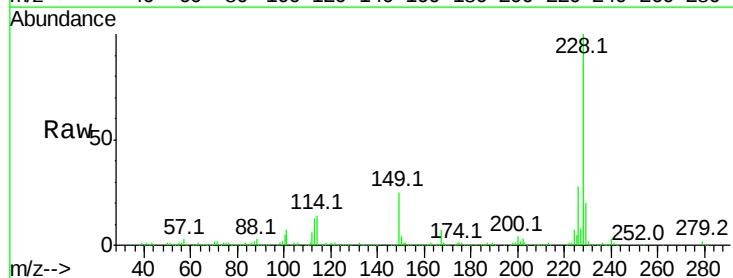
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 37.31 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.5	22.1	33.1	
229	20.3	16.2	24.4	





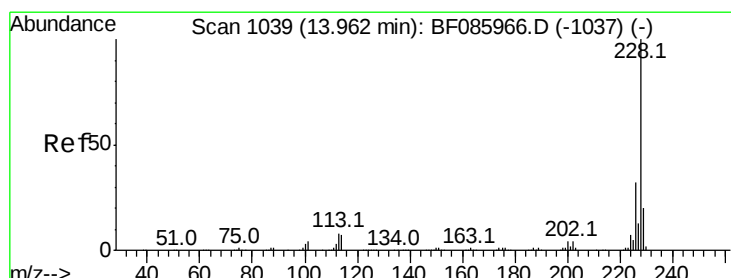
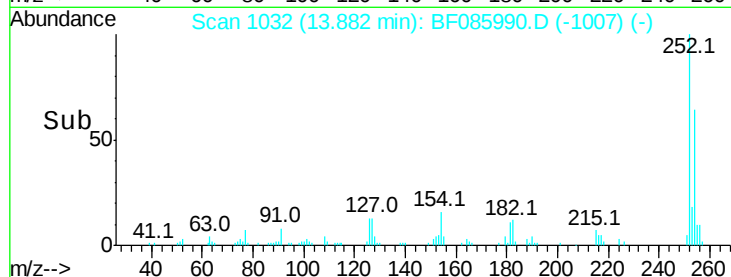
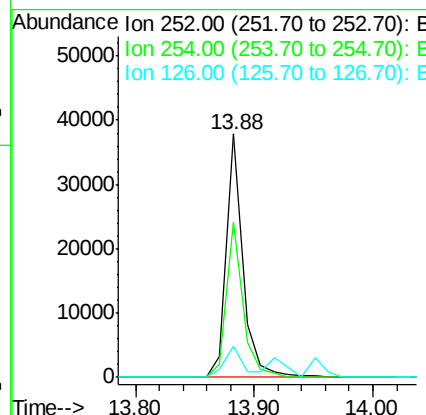
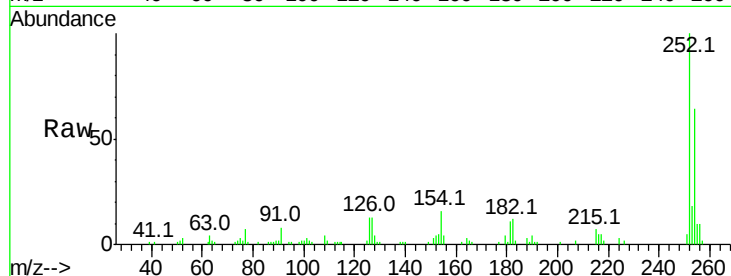
#81
 3,3'-Dichlorobenzidine
 Concen: 2.49 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleID :
 PB89385BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	13.0	11.8	17.6

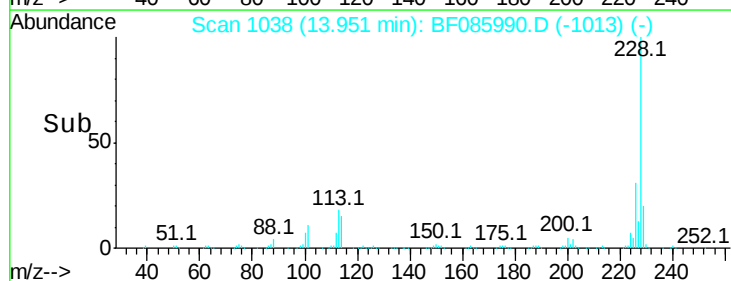
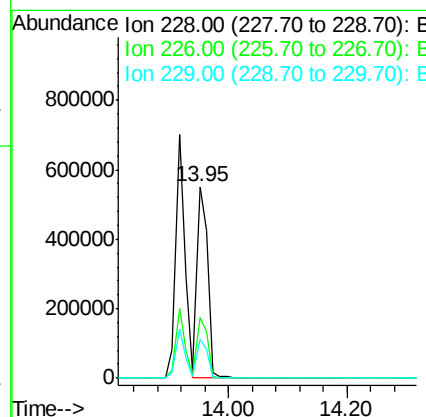
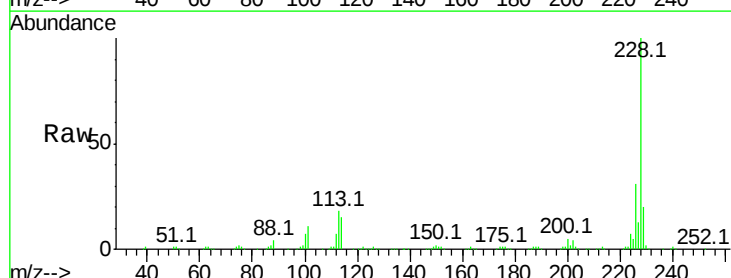
Manual Integrations
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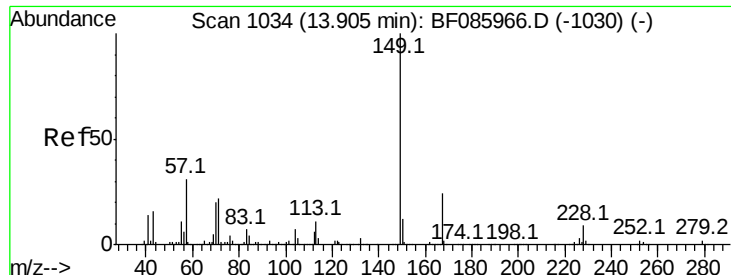
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#82
 Chrysene
 Concen: 36.01 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	15.7	23.5





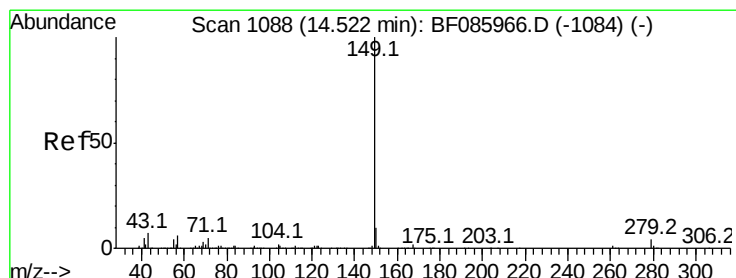
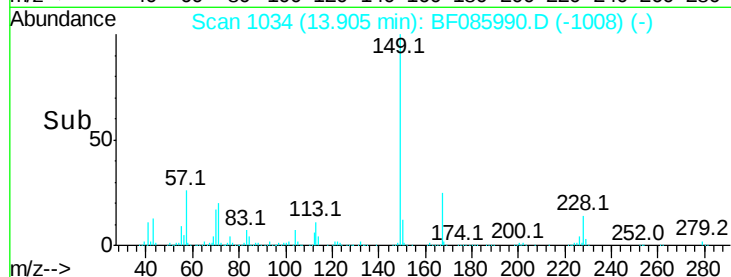
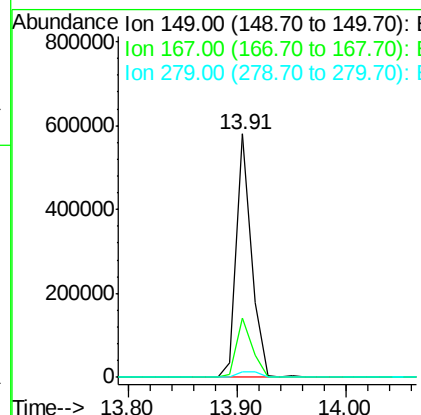
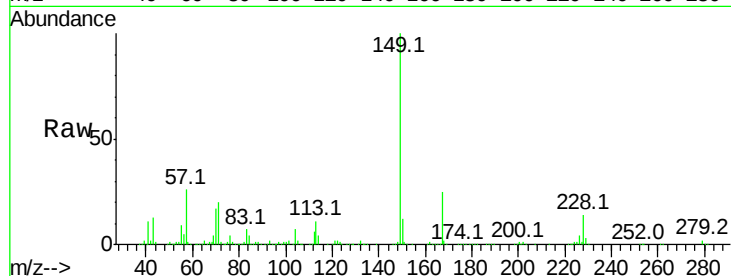
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.31 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	550810		
167	24.5	19.4	29.2	
279	2.2	1.5	2.3	

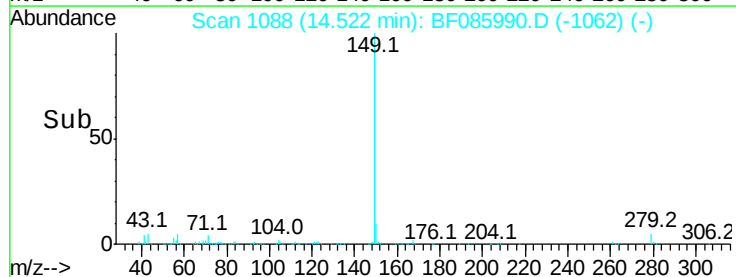
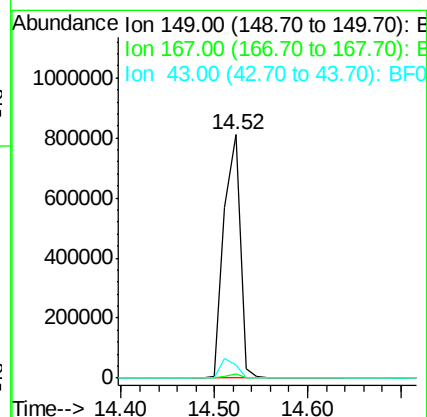
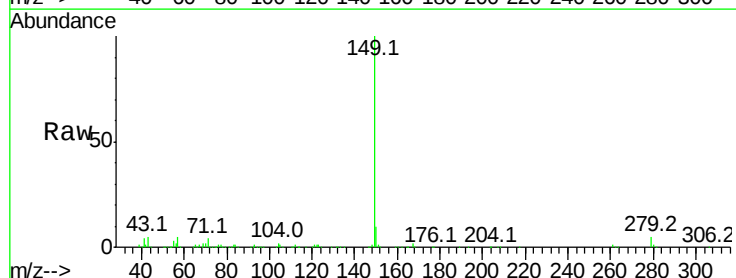
Manual Integrations
 APPROVED

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 4/4/2016 7:38:13 PM



#84
 Di-n-octyl phthalate
 Concen: 42.68 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	979928		
167	1.4	1.2	1.8	
43	8.2	7.1	10.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.13 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

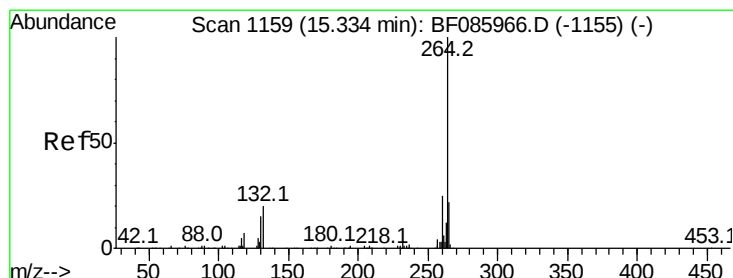
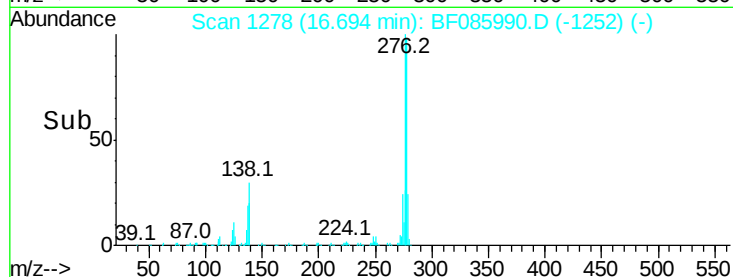
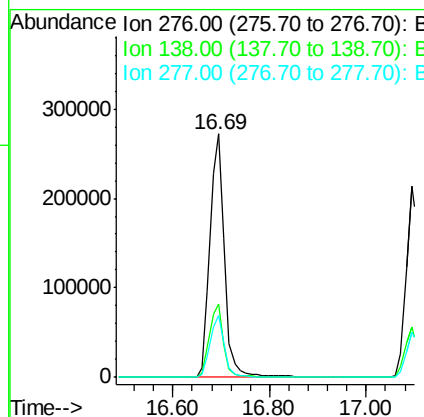
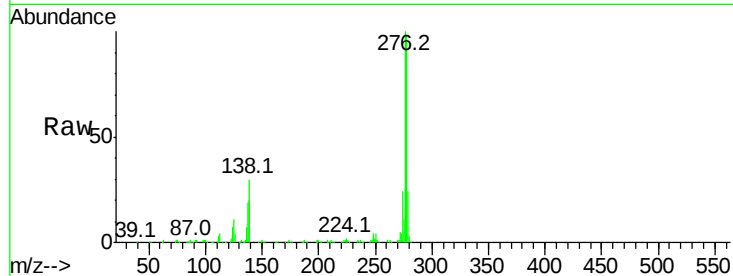
ClientSampleId :

PB89385BS

Tot Ion:	276	Resp:	583951
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.2	36.4
277	25.1	20.0	30.0

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

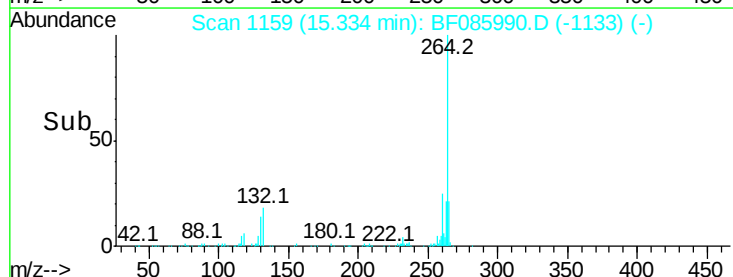
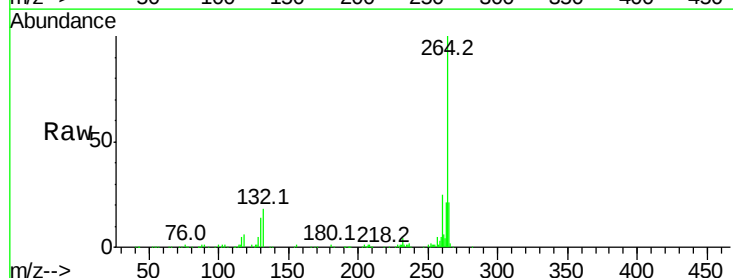
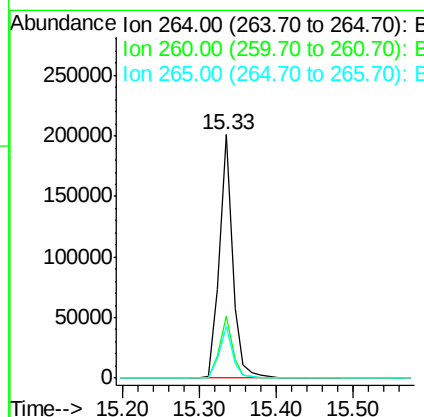
RT: 15.33 min Scan# 1159

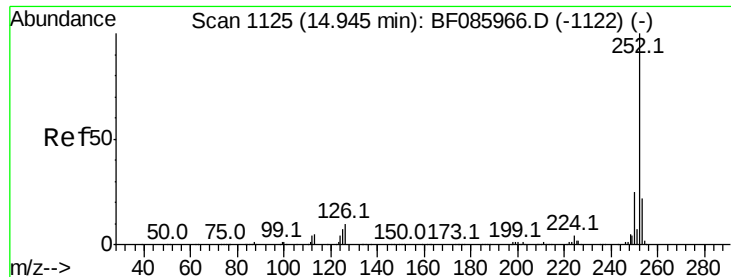
Delta R.T. 0.00 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	264	Resp:	243906
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.4	29.2
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 56.98 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Instrument :

BNA_F

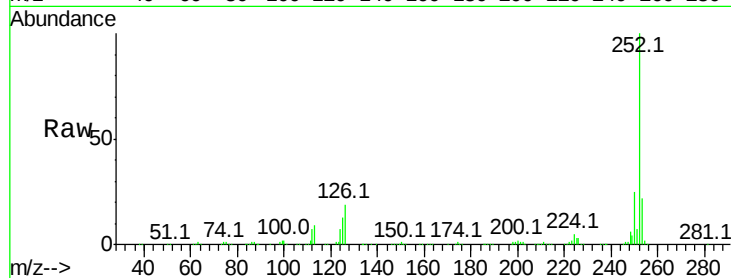
ClientSampleId :

PB89385BS

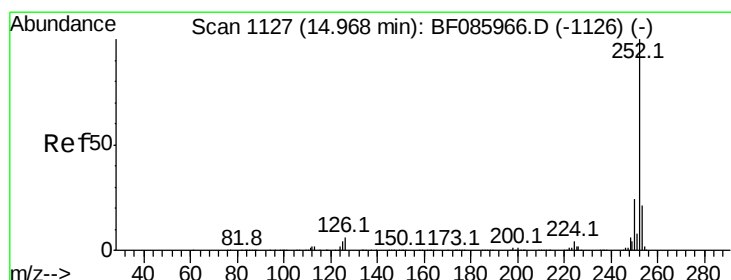
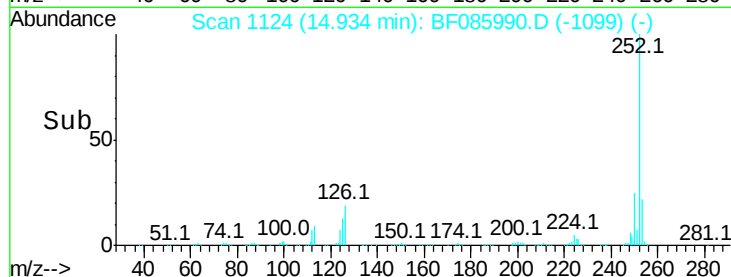
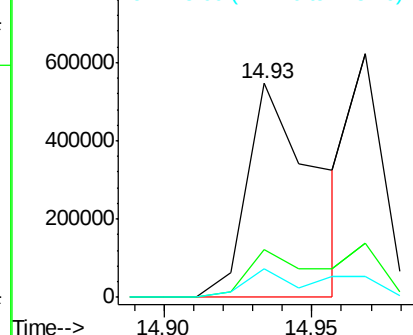
Tot Ion:	252	Resp:	874271
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	13.5	10.3	15.5

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



#88

Benzo(k)fluoranthene

Concen: 36.72 ng m

RT: 14.97 min Scan# 1127

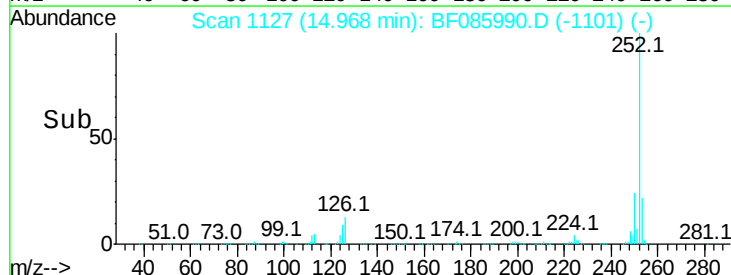
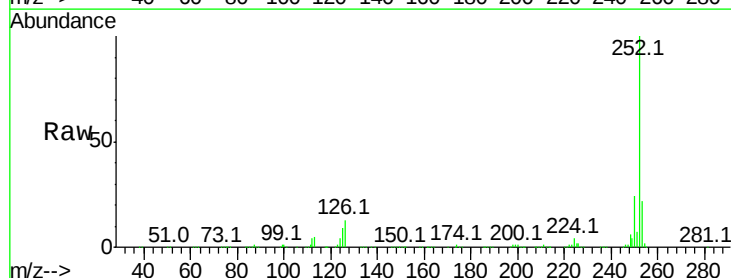
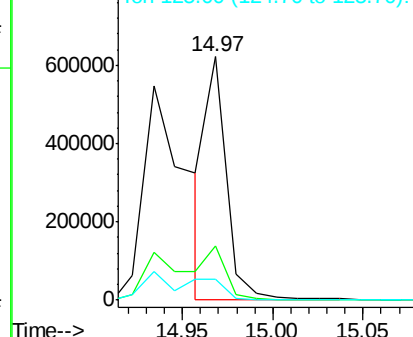
Delta R.T. 0.00 min

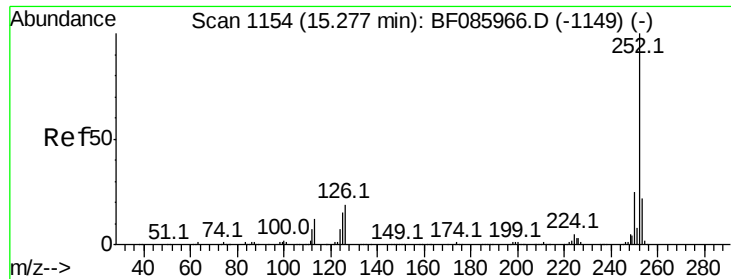
Lab File: BF085990.D

Acq: 2 Apr 2016 4:59

Tgt Ion:	252	Resp:	498913
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.5	7.7	11.5

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





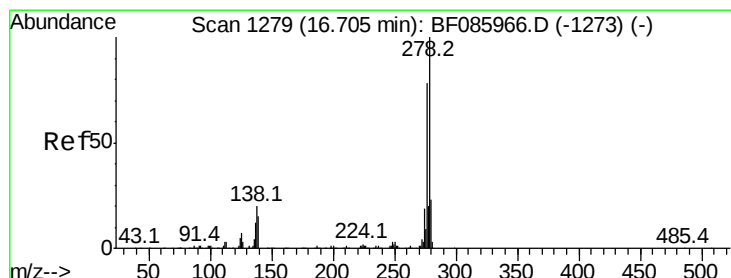
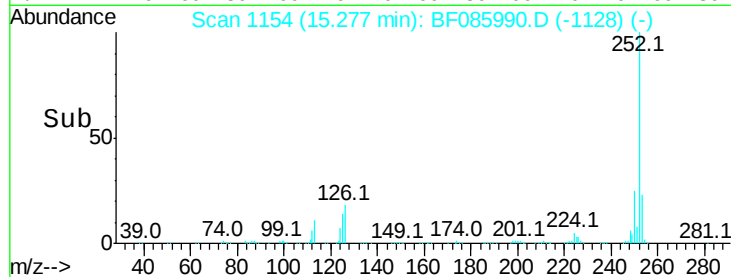
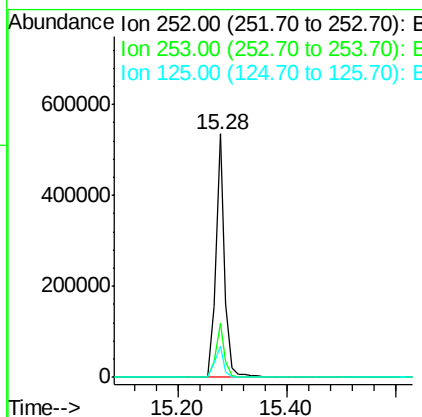
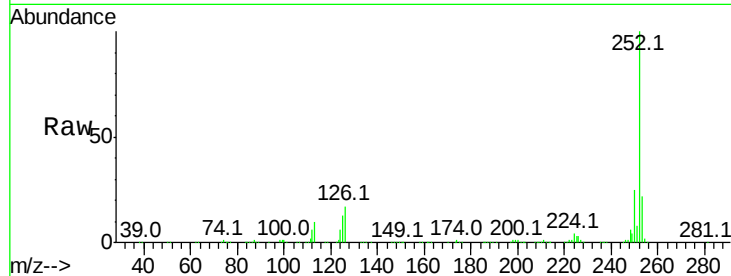
#89
Benzo(a)pyrene
Concen: 45.53 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	618926		
253	22.3		17.4	26.0
125	13.0		10.3	15.5

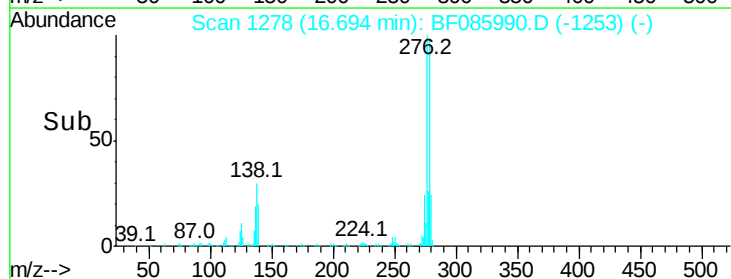
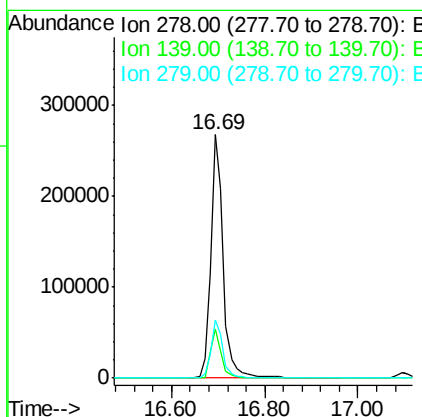
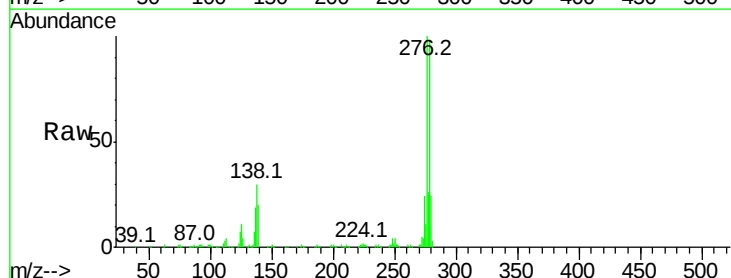
Manual Integrations
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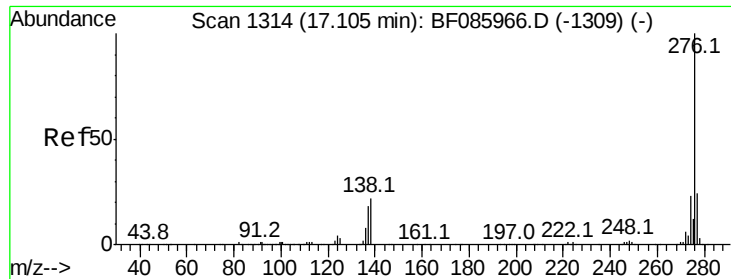
Sohil
4/4/2016 7:38:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.89 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF085990.D
Acq: 2 Apr 2016 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	501918		
139	20.2		14.4	21.6
279	24.1		19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.20 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085990.D
 Acq: 2 Apr 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BS

Tot Ion:	276	Resp:	457298
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	26.3	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:38:13 PM

