

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085991.D
 Acq On : 2 Apr 2016 5:28
 Operator : UM/SJ
 Sample : PB89385BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Manual Integrations
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Sohil
 4/4/2016 7:37:55 PM

Quant Time: Apr 02 05:52:19 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	107118	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	418933	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	204051	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	391383	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	346043	20.00	ng	0.00
86) Perylene-d12	15.33	264	265866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	519956	82.97	ng	0.01
7) Phenol-d6	6.42	99	672488	84.48	ng	0.00
23) Nitrobenzene-d5	7.34	82	588269	82.81	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	167104	87.25	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1056484	86.09	ng	0.00
78) Terphenyl-d14	12.88	244	1069510	72.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	90864	30.58	ng	97
3) Pyridine	3.08	79	268649	40.39	ng	98
4) n-Nitrosodimethylamine	3.04	42	115870	39.62	ng	99
6) Aniline	6.44	93	89957	8.61	ng	# 78
8) 2-Chlorophenol	6.56	128	289467	38.73	ng	96
9) Benzaldehyde	6.33	77	47278	11.04	ng	99
10) Phenol	6.43	94	372661	41.04	ng	90
11) bis(2-Chloroethyl)ether	6.51	93	257499	35.81	ng	99
12) 1,3-Dichlorobenzene	6.72	146	286397	36.16	ng	98
13) 1,4-Dichlorobenzene	6.78	146	298654	36.60	ng	99
14) 1,2-Dichlorobenzene	6.94	146	283384	37.73	ng	99
15) Benzyl Alcohol	6.92	79	189175	36.73	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	316846	36.07	ng	90
17) 2-Methylphenol	7.04	107	223614	37.95	ng	97
18) Hexachloroethane	7.28	117	109201	36.38	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	192764	39.07	ng	98
20) 3+4-Methylphenols	7.20	107	293616	40.97	ng	# 86
22) Acetophenone	7.18	105	372983	37.87	ng	# 93
24) Nitrobenzene	7.36	77	275570	35.46	ng	98
25) Isophorone	7.60	82	511066	36.44	ng	100
26) 2-Nitrophenol	7.68	139	145769	39.20	ng	# 89
27) 2,4-Dimethylphenol	7.72	122	269688	40.38	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	342323	41.60	ng	99
29) 2,4-Dichlorophenol	7.93	162	225381	39.92	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	240556	37.96	ng	99
31) Naphthalene	8.08	128	776065	36.83	ng	100
32) Benzoic acid	7.86	122	167872	34.26	ng	98
33) 4-Chloroaniline	8.16	127	24989	2.94	ng	97
34) Hexachlorobutadiene	8.20	225	124110	36.42	ng	97
35) Caprolactam	8.50	113	76873m	42.92	ng	
36) 4-Chloro-3-methylphenol	8.62	107	245097	38.62	ng	92
37) 2-Methylnaphthalene	8.77	142	556405	40.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	213787	34.86	ng	99
40) Hexachlorocyclopentadiene	8.92	237	181585	81.25	ng	99

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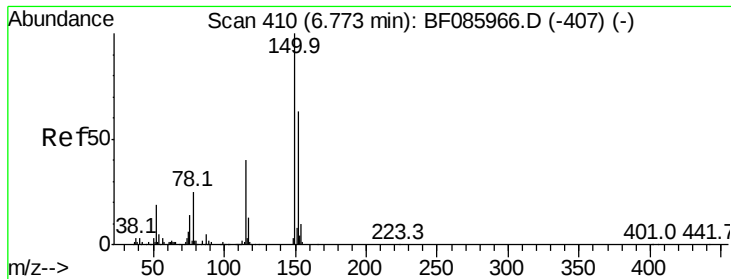
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	148869	37.80	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	167333	41.85	nq	96
45) 1,1'-Biphenyl	9.23	154	603840	34.32	nq	100
46) 2-Chloronaphthalene	9.26	162	477261	37.42	nq	100
47) 2-Nitroaniline	9.37	65	137805	36.93	nq	# 66
48) Acenaphthylene	9.68	152	810625	39.68	nq	99
49) Dimethylphthalate	9.54	163	564708	37.34	nq	99
50) 2,6-Dinitrotoluene	9.61	165	141467	44.21	nq	# 75
51) Acenaphthene	9.85	154	479019	39.42	nq	100
52) 3-Nitroaniline	9.78	138	23437	6.08	nq	95
53) 2,4-Dinitrophenol	9.89	184	142574	69.37	nq	# 67
54) Dibenzofuran	10.02	168	696055	43.38	nq	99
55) 4-Nitrophenol	9.95	139	183415	80.67	nq	99
56) 2,4-Dinitrotoluene	10.01	165	155136	38.37	nq	# 28
57) Fluorene	10.36	166	551370	40.22	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	128995	43.33	nq	96
59) Diethylphthalate	10.24	149	582134	38.14	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	255035	39.94	nq	95
61) 4-Nitroaniline	10.38	138	103379	27.22	nq	87
62) Azobenzene	10.51	77	623642	42.65	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	91827	38.72	nq	92
65) n-Nitrosodiphenylamine	10.48	169	413193	33.76	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	158057	39.56	nq	93
67) Hexachlorobenzene	10.91	284	171595	41.53	nq	96
68) Atrazine	11.00	200	93348	23.60	nq	98
69) Pentachlorophenol	11.10	266	155946	80.53	nq	100
70) Phenanthrene	11.32	178	875891	41.02	nq	99
71) Anthracene	11.37	178	799157	35.73	nq	99
72) Carbazole	11.53	167	617853	32.14	nq	100
73) Di-n-butylphthalate	11.86	149	1012722	42.51	nq	100
74) Fluoranthene	12.50	202	833538	37.53	nq	99
76) Benzydine	12.64	184	35956	2.95	nq	98
77) Pyrene	12.73	202	836302	34.30	nq	99
79) Butylbenzylphthalate	13.35	149	401876	36.60	nq	# 71
80) Benzo(a)anthracene	13.92	228	739616	36.26	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	32617	2.19	nq	97
82) Chrysene	13.95	228	700228	35.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	546214	37.48	nq	# 98
84) Di-n-octyl phthalate	14.52	149	988278	42.47	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	616954	38.70	nq	99
87) Benzo(b)fluoranthene	14.93	252	906386m	54.19	nq	
88) Benzo(k)fluoranthene	14.97	252	503161m	33.97	nq	
89) Benzo(a)pyrene	15.28	252	640116	43.20	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	528944	44.37	nq	97
91) Benzo(g,h,i)perylene	17.09	276	475858	41.24	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

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Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

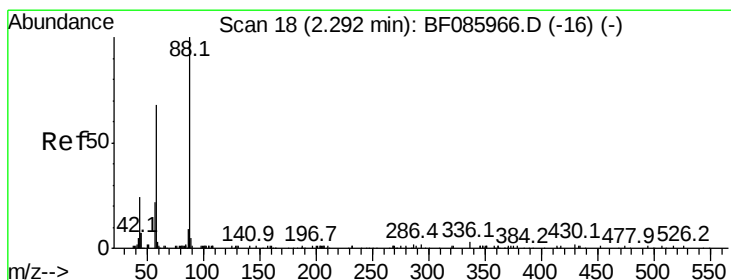
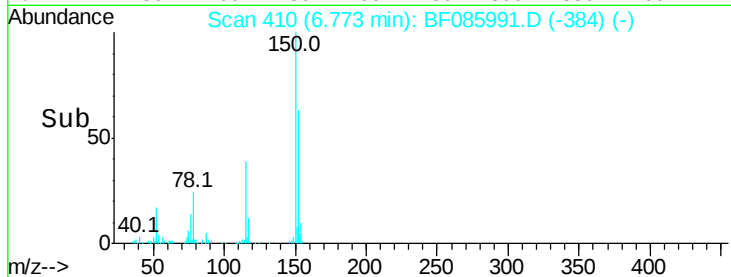
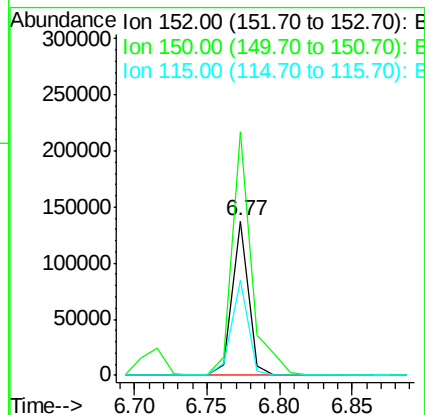
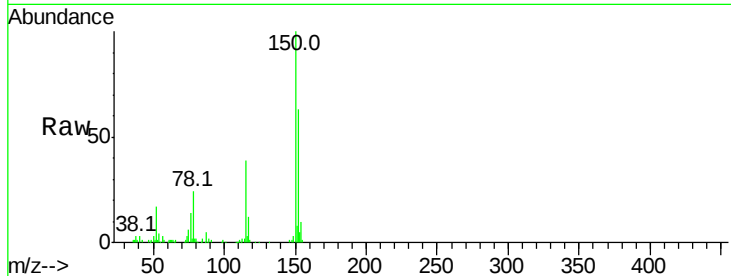
ClientSampleId :

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Tot Ion:	152	Resp:	107118
Ion Ratio	Lower	Upper	
152	100		
150	157.9	124.2	186.2
115	61.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 30.58 ng

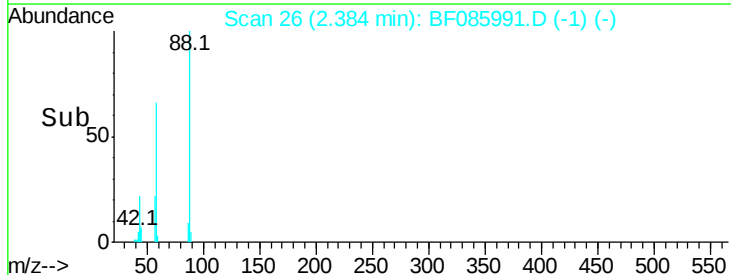
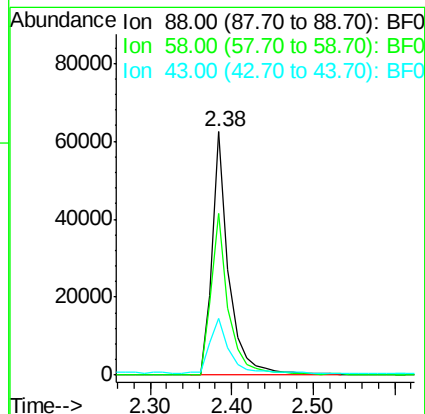
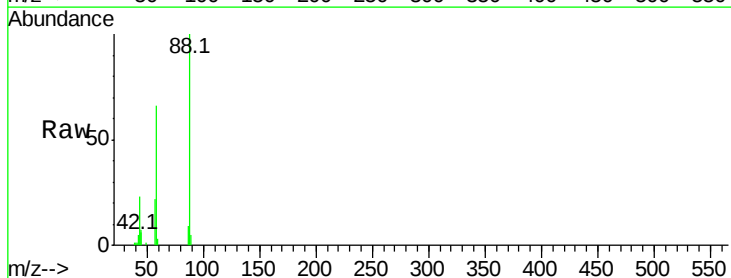
RT: 2.38 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	88	Resp:	90864
Ion Ratio	Lower	Upper	
88	100		
58	69.6	54.2	81.2
43	26.1	19.3	28.9





#3

Pvridine

Concen: 40.39 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

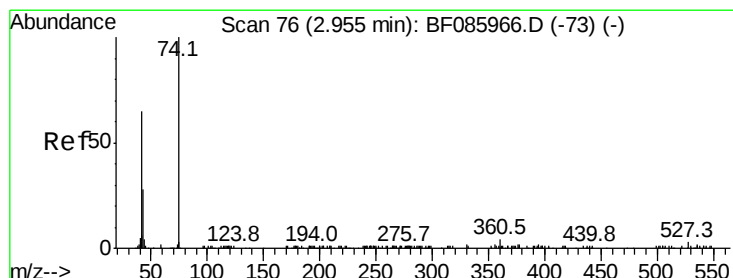
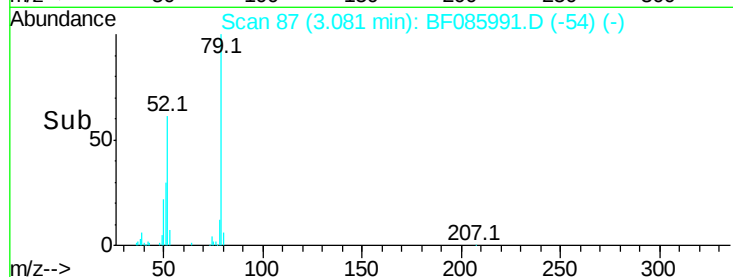
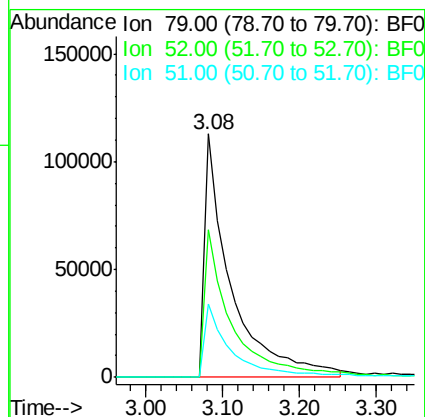
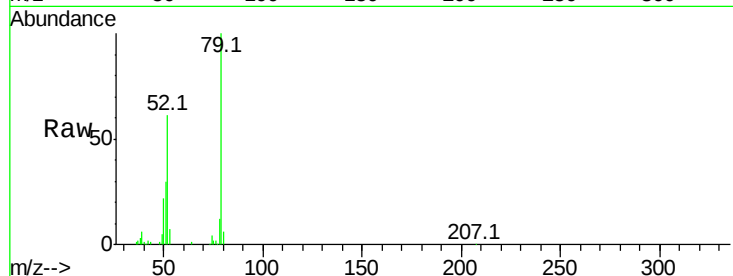
ClientSampleId :

PB89385BSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	60.7	49.8	74.6		
51	30.2	24.7	37.1		



#4

n-Nitrosodimethylamine

Concen: 39.62 ng

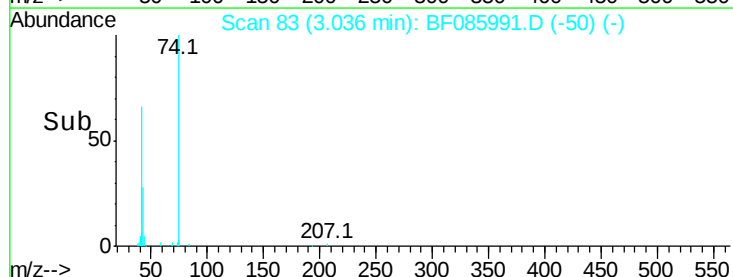
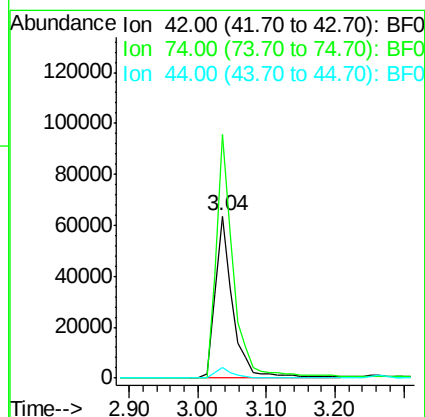
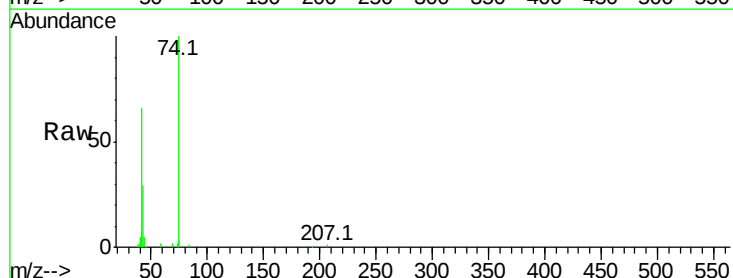
RT: 3.04 min Scan# 83

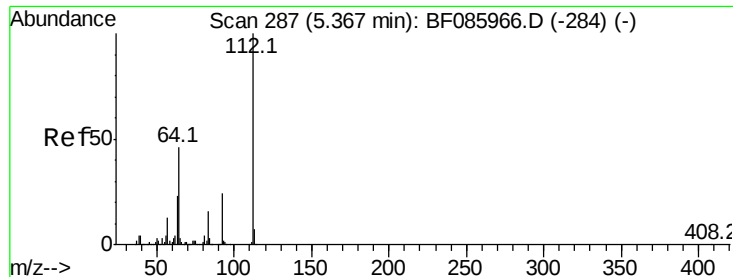
Delta R.T. 0.08 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	150.4	121.4	182.2		
44	6.8	5.6	8.4		





#5

2-Fluorophenol

Concen: 82.97 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

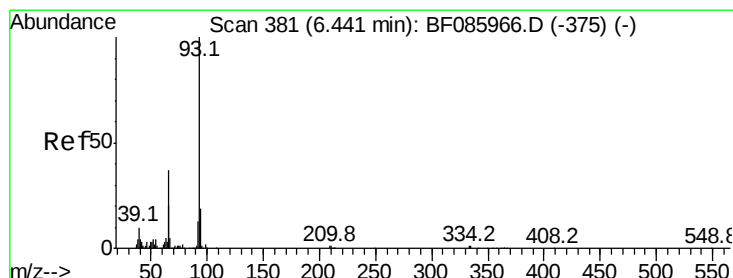
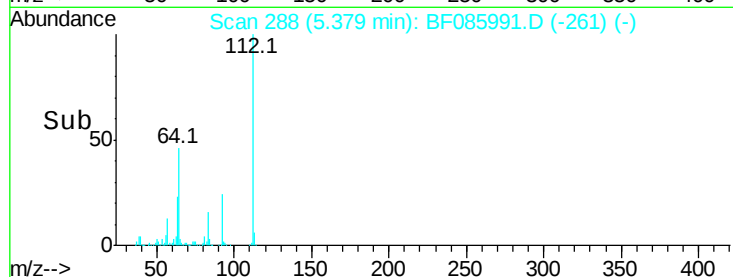
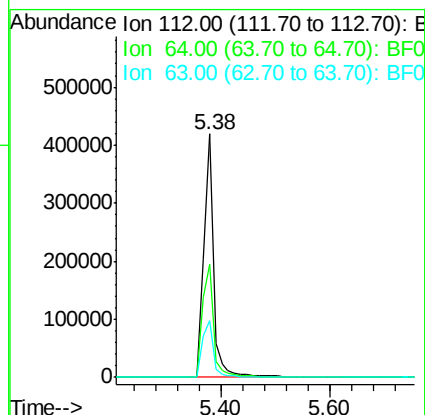
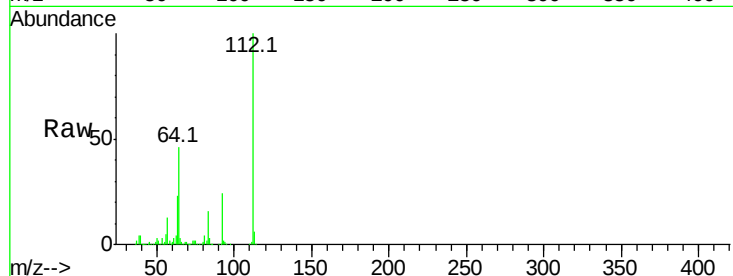
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	46.4	39.9	59.9
63	23.5	20.2	30.2



#6

Aniline

Concen: 8.61 ng

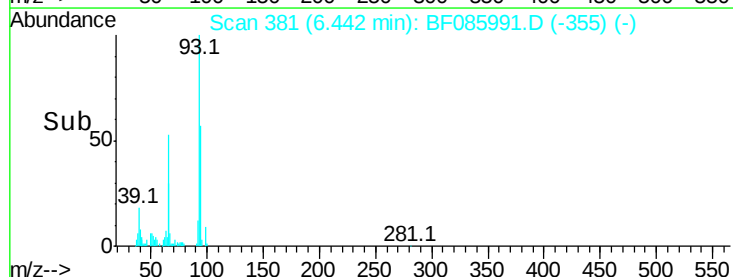
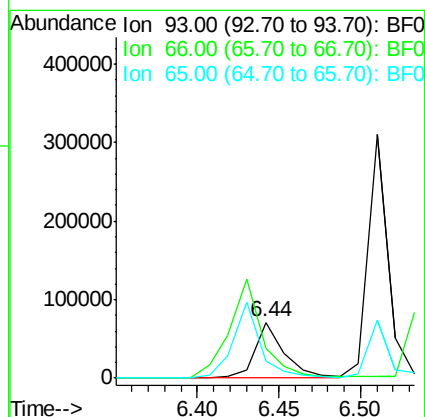
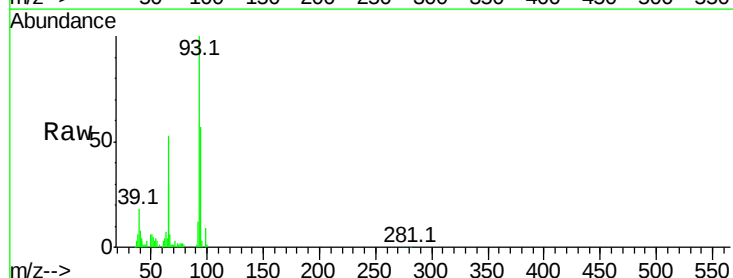
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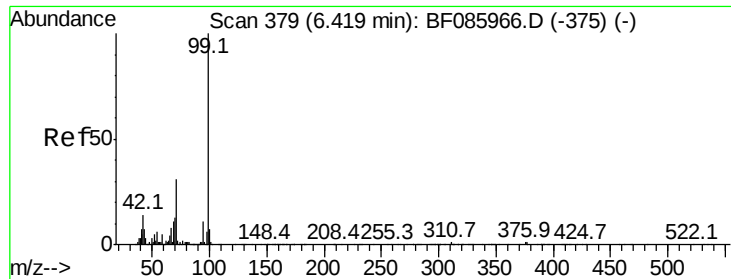
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	52.9	31.4	47.2#
65	29.6	15.7	23.5#





#7

Phenol-d6

Concen: 84.48 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

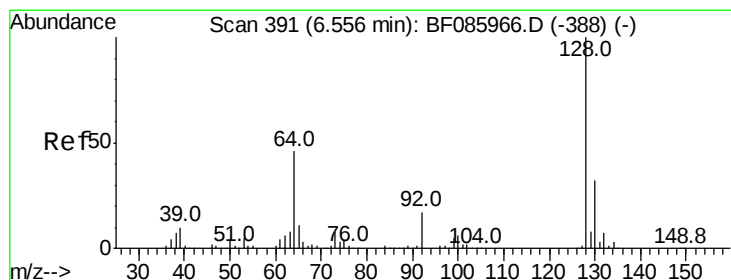
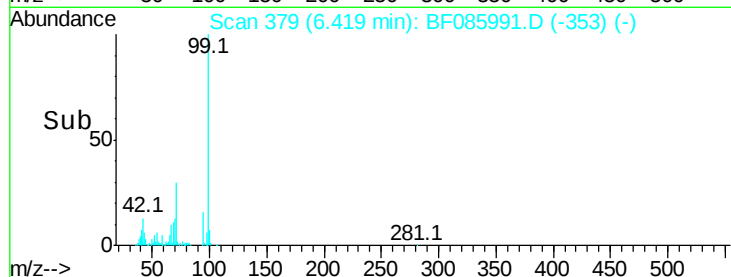
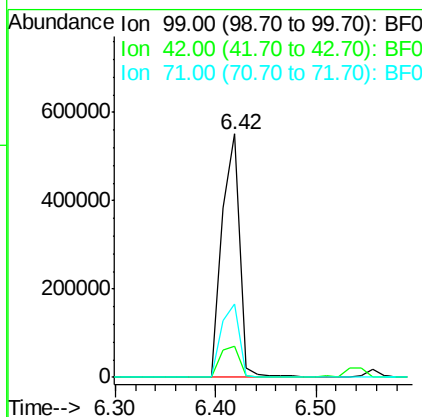
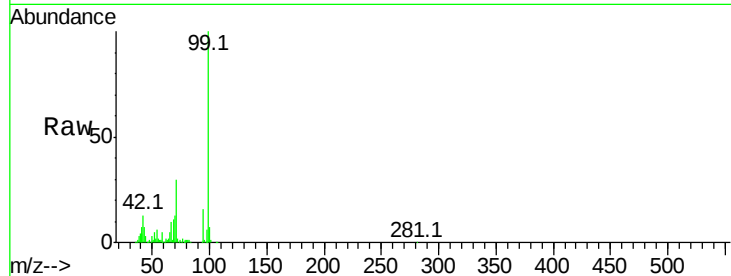
ClientSampleId :

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Tot Ion:	99	Resp:	672488
Ion Ratio	Lower	Upper	
99	100		
42	12.9	11.1	16.7
71	30.1	24.9	37.3

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#8

2-Chlorophenol

Concen: 38.73 ng

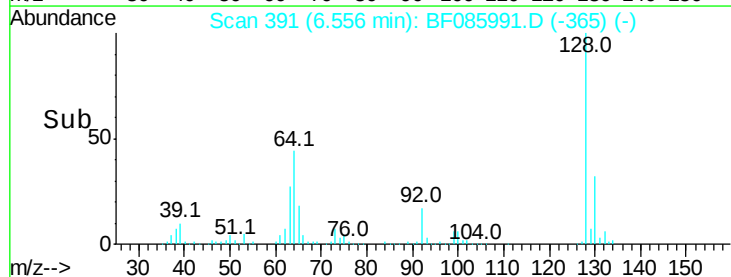
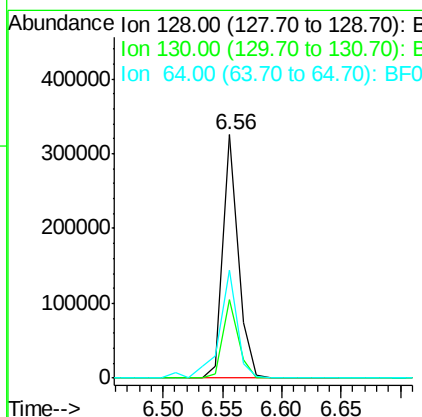
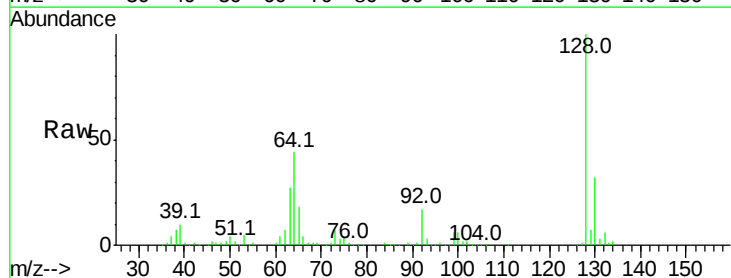
RT: 6.56 min Scan# 391

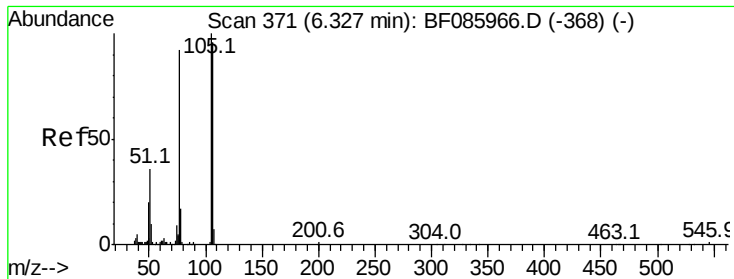
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	128	Resp:	289467
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	44.3	20.2	60.2





#9

Benzaldehyde

Concen: 11.04 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

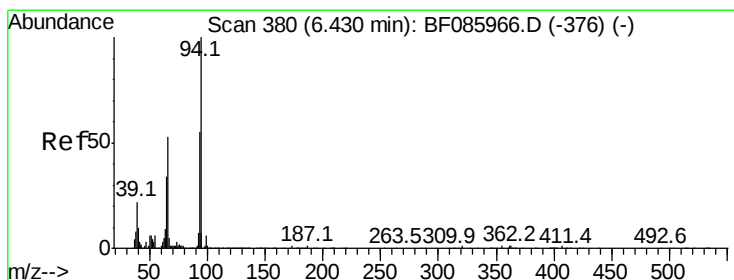
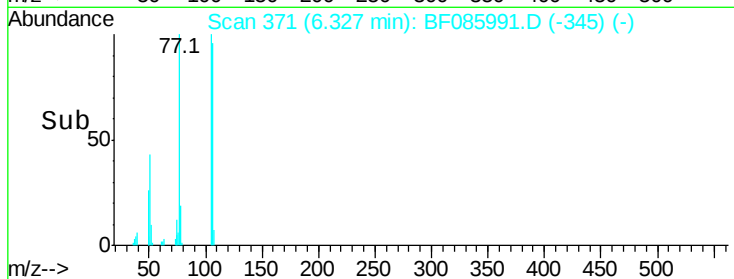
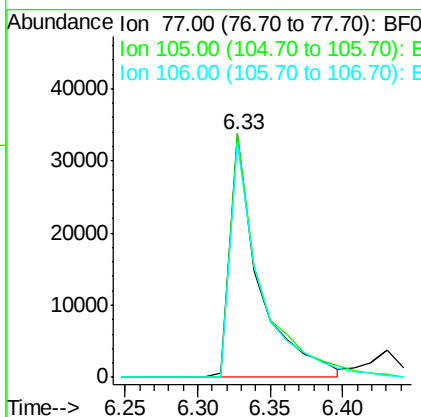
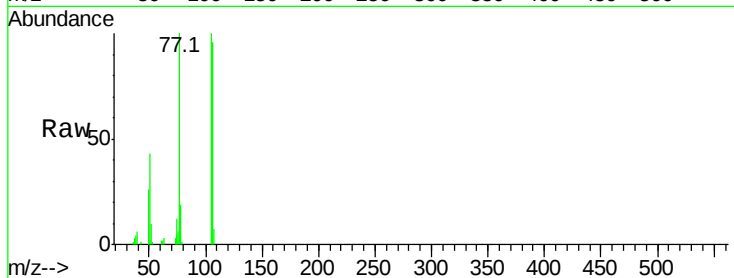
ClientSampleId :

PB89385BSD

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Tot Ion:	77	Resp:	47278
Ion	Ratio	Lower	Upper
77	100		
105	100.0	80.1	120.1
106	96.5	75.0	115.0



#10

Phenol

Concen: 41.04 ng

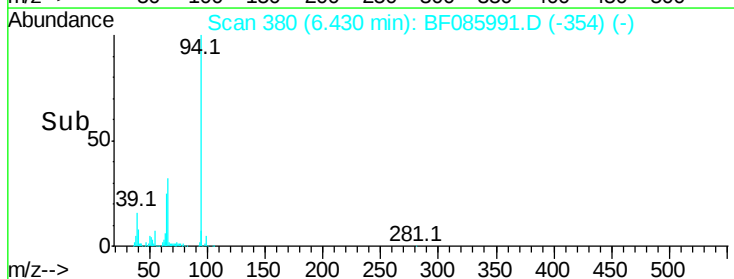
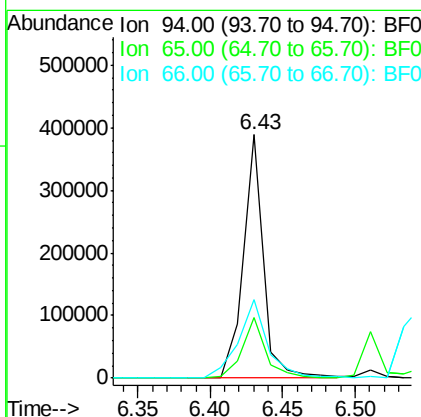
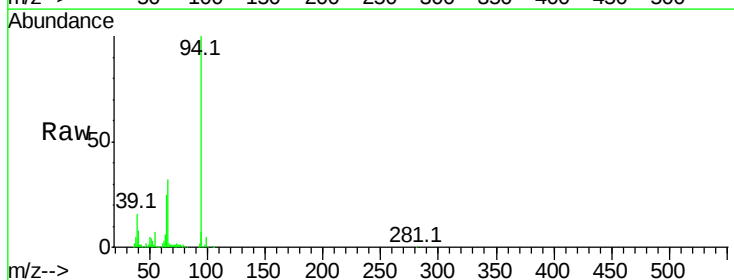
RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	94	Resp:	372661
Ion	Ratio	Lower	Upper
94	100		
65	24.7	8.6	48.6
66	32.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 35.81 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

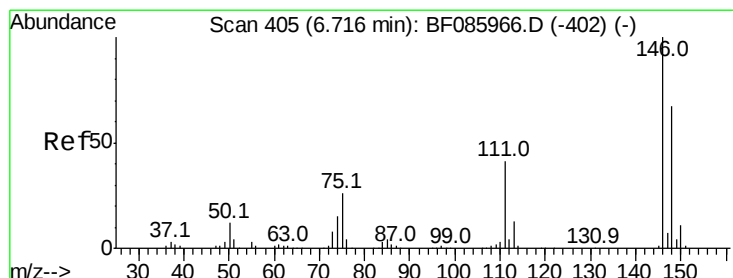
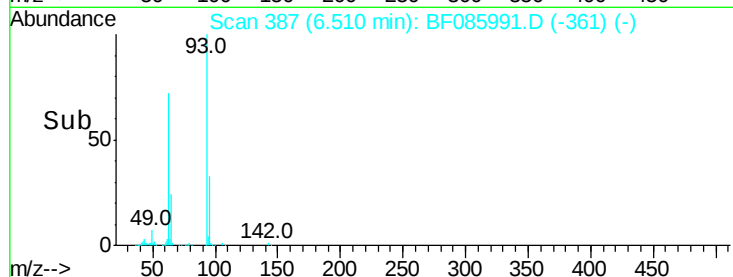
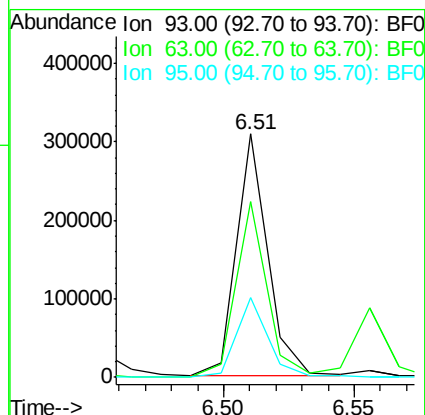
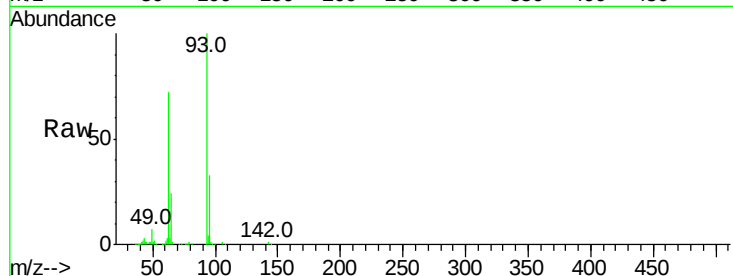
ClientSampleId :

PB89385BSD

Tot Ion:	93	Resp:	257499
Ion Ratio	Lower	Upper	
93	100		
63	72.3	50.9	90.9
95	32.7	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.16 ng

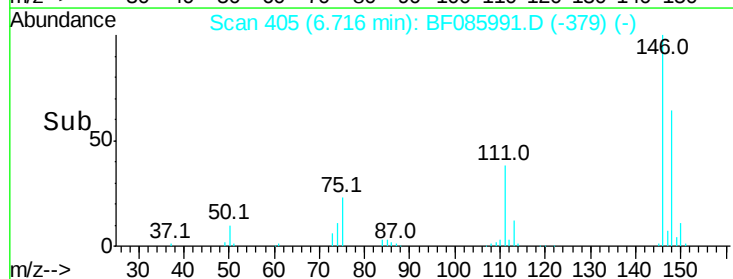
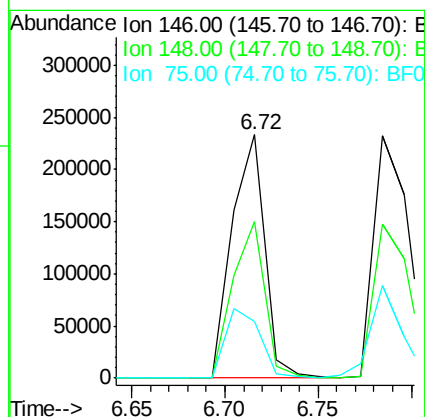
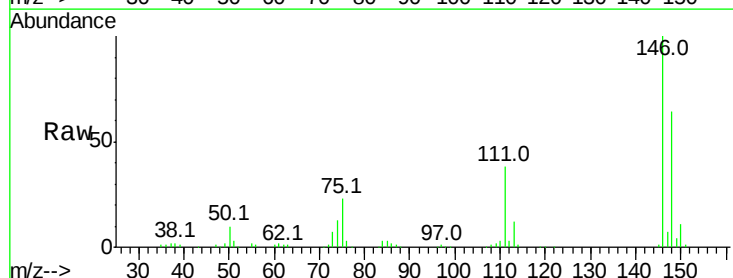
RT: 6.72 min Scan# 405

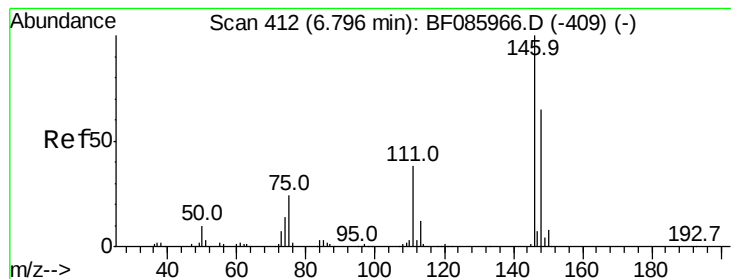
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	146	Resp:	286397
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
75	23.4	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 36.60 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

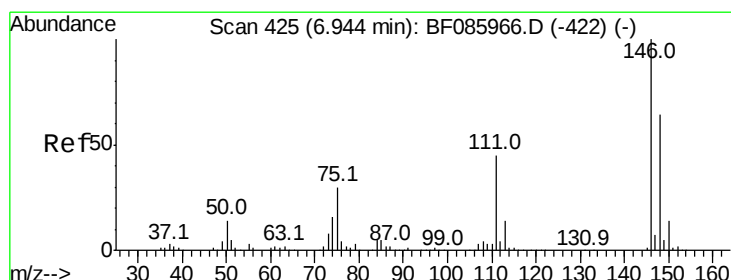
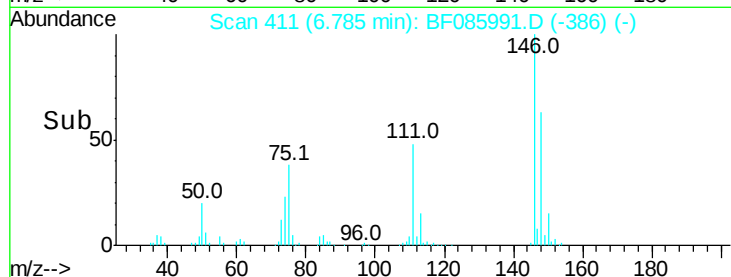
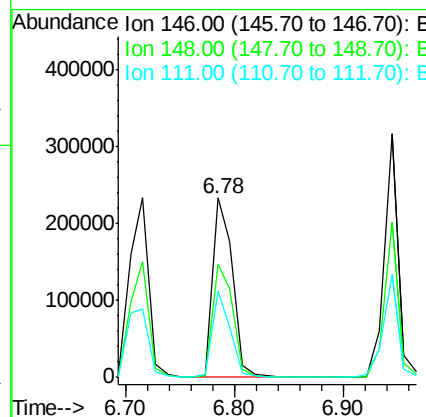
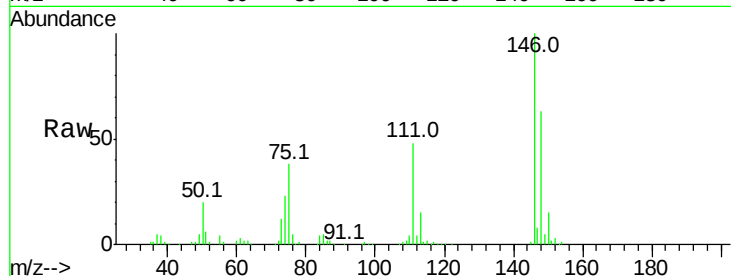
ClientSampleId :

PB89385BSD

Tot Ion:	146	Resp:	298654
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	48.3	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.73 ng

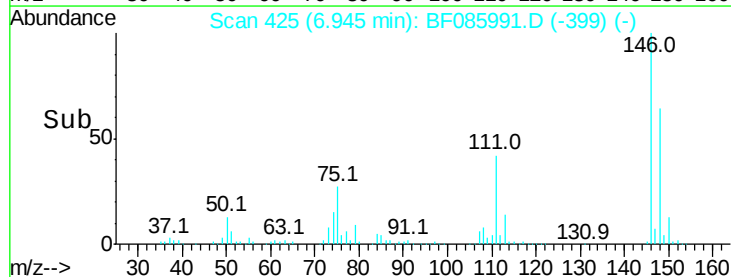
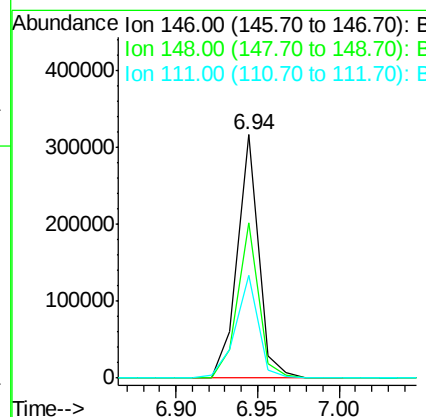
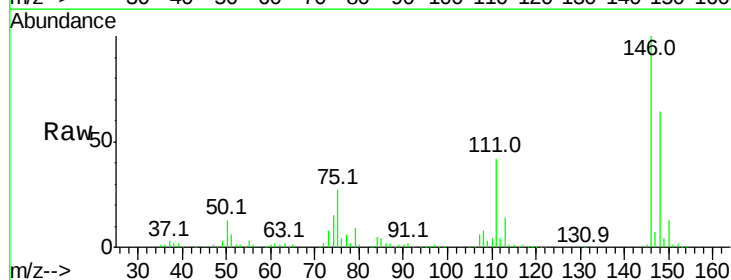
RT: 6.94 min Scan# 425

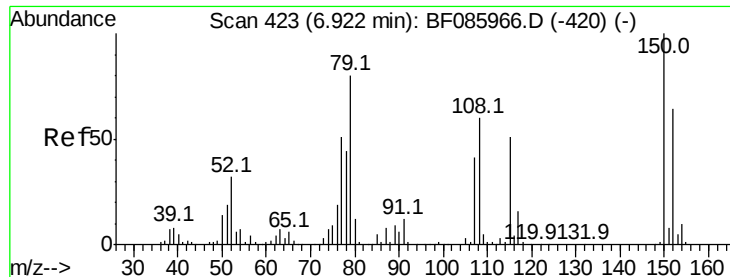
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	146	Resp:	283384
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	42.5	34.6	52.0





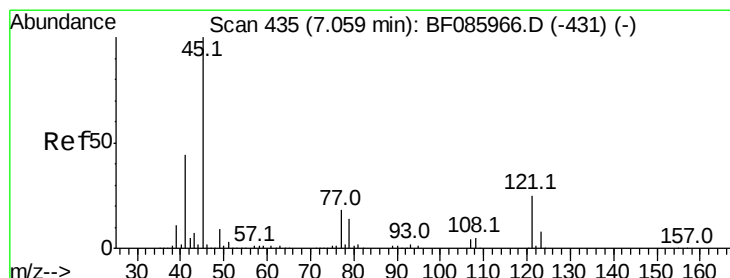
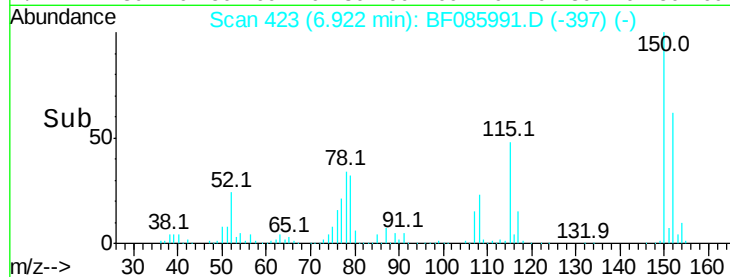
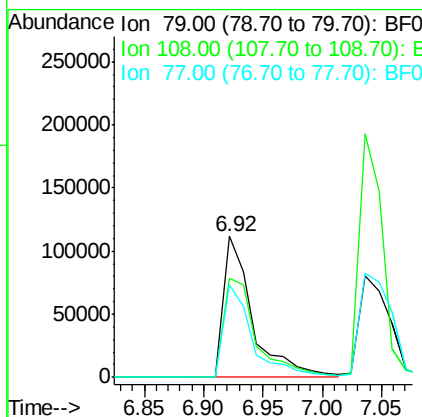
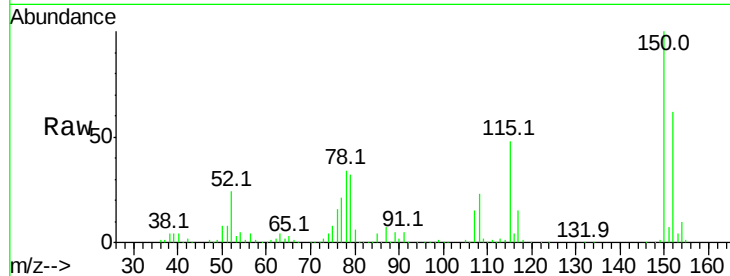
#15
Benzyl Alcohol
Concen: 36.73 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	61.8	92.6
77	65.7	49.6	74.4

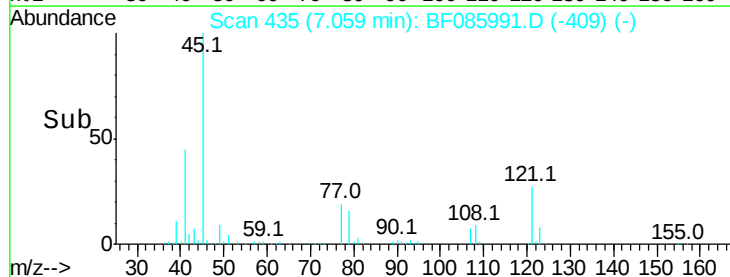
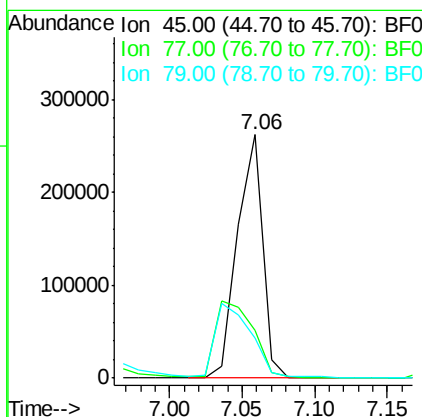
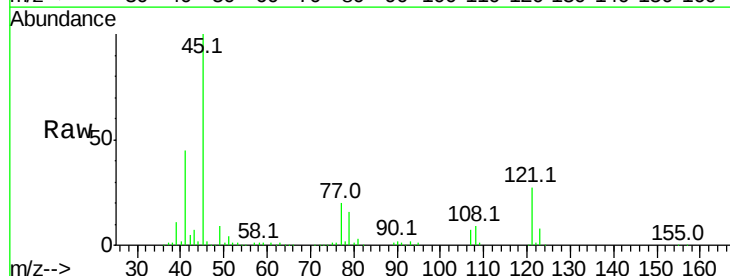
Manual Integrations
APPROVED

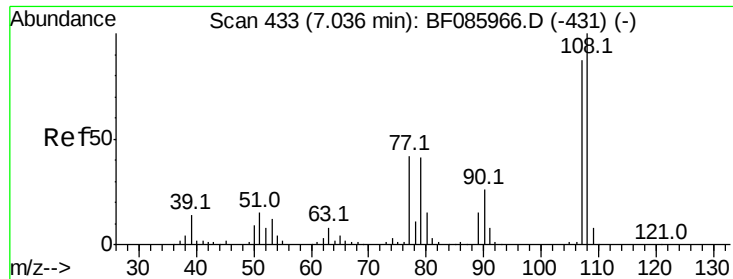
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.07 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	35.7
79	16.3	0.0	32.2





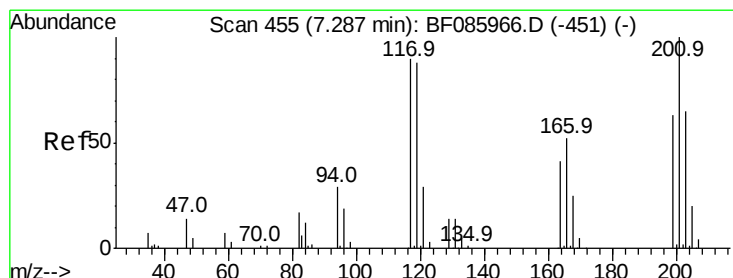
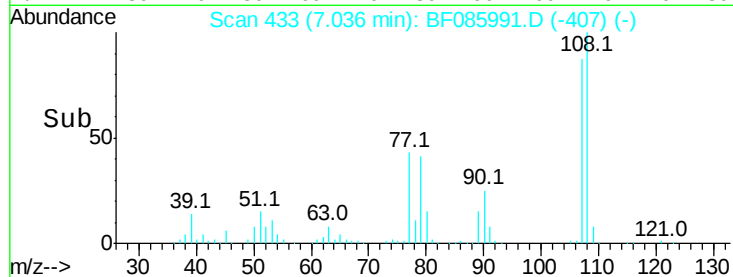
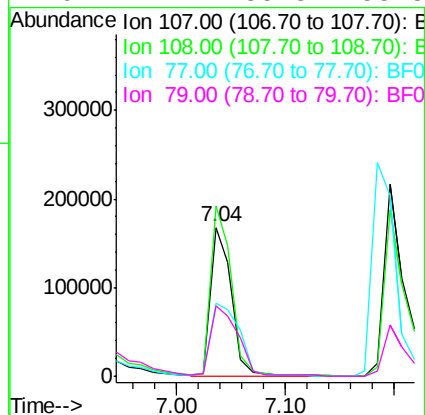
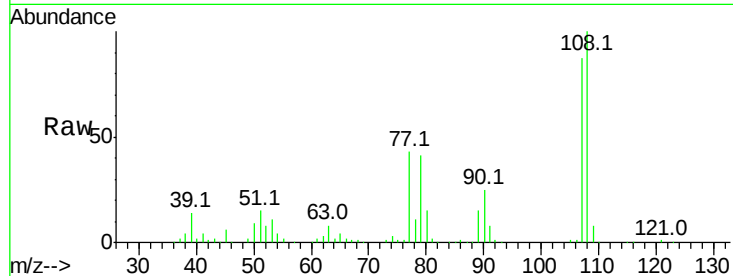
#17
2-Methylphenol
Concen: 37.95 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion:	107	Resp:	223614
Ion Ratio	Lower	Upper	
107	100		
108	115.0	91.4	137.0
77	49.3	36.2	54.2
79	47.7	35.8	53.8

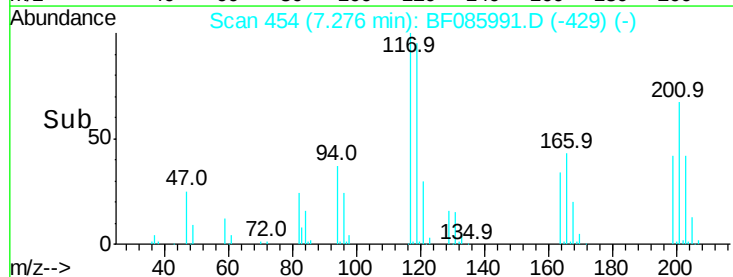
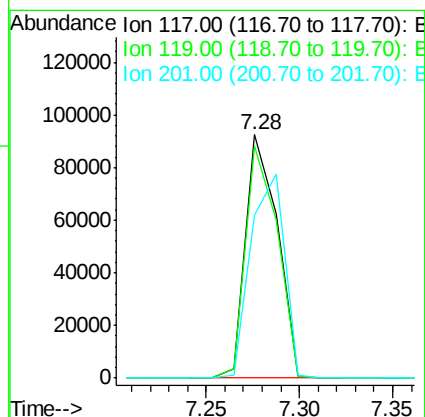
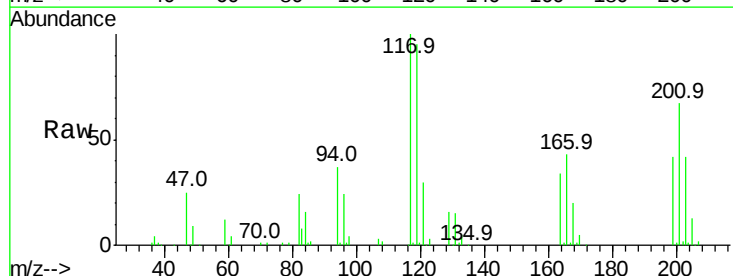
Manual Integrations
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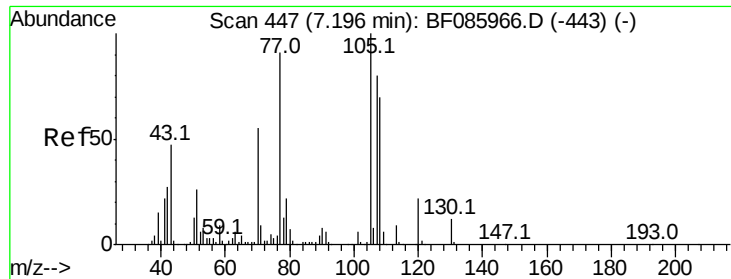
Sohil
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#18
Hexachloroethane
Concen: 36.38 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion:	117	Resp:	109201
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.7	115.1
201	67.1	83.3	124.9#





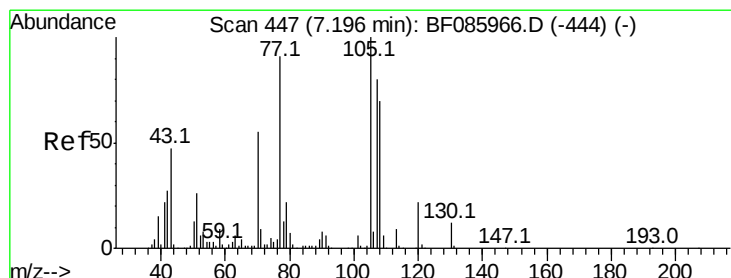
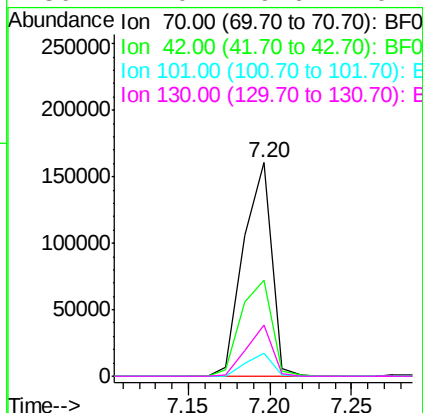
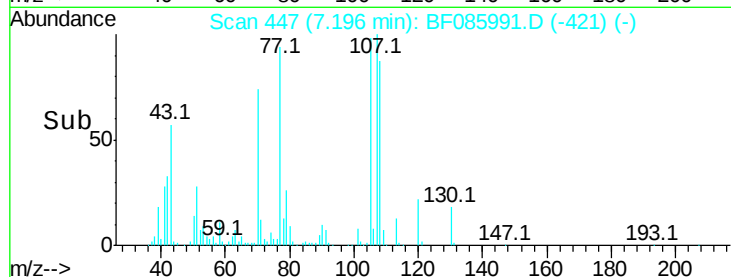
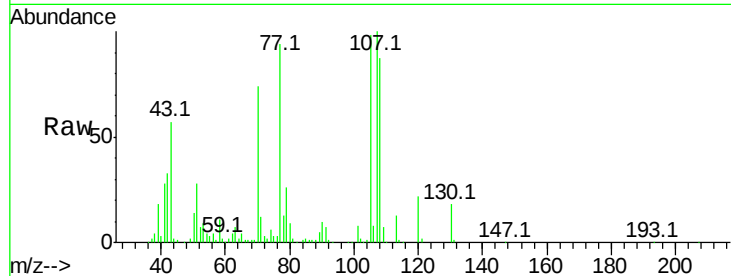
#19
n-Nitroso-di-n-propylamine
Concen: 39.07 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	37.1	55.7
101	10.5	8.6	12.8
130	24.0	19.6	29.4

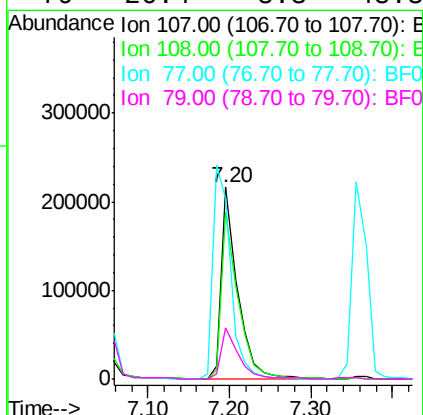
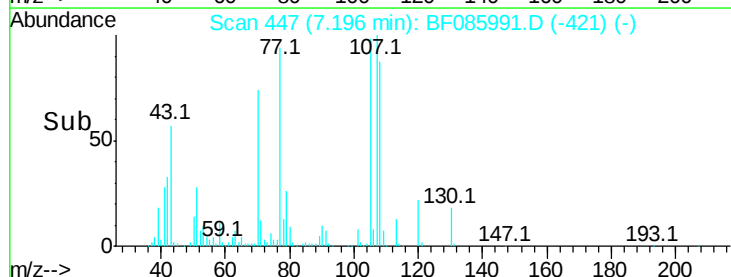
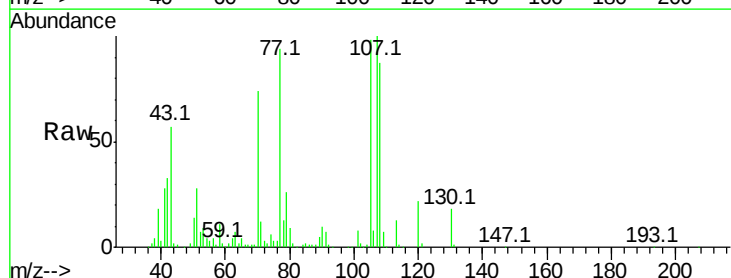
Manual Integrations
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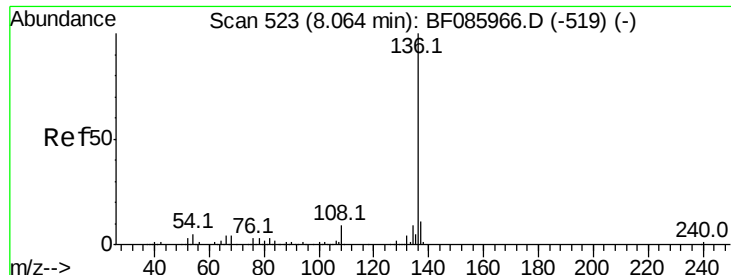
Sohil
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#20
3+4-Methylphenols
Concen: 40.97 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.3	109.3
77	94.4	101.7	141.7
79	26.4	8.3	48.3





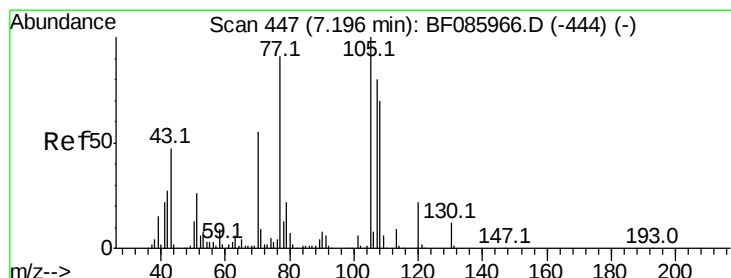
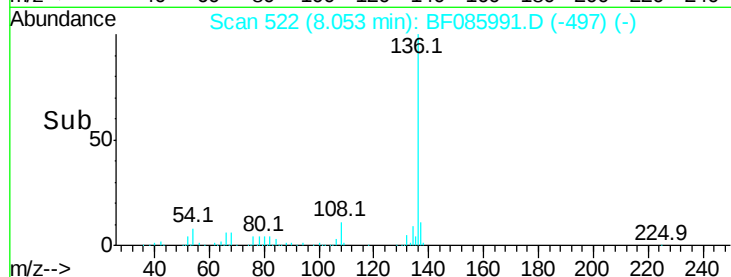
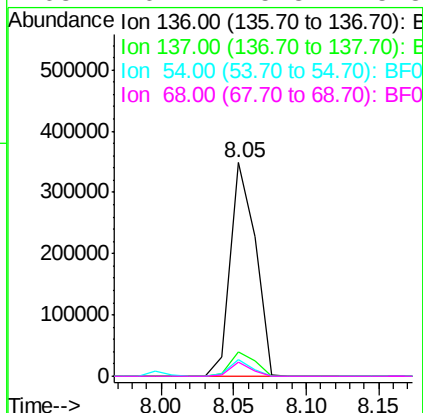
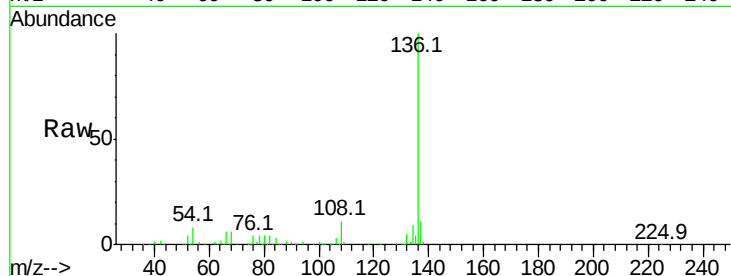
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	7.9	7.4	11.0	
68	6.4	5.8	8.8	

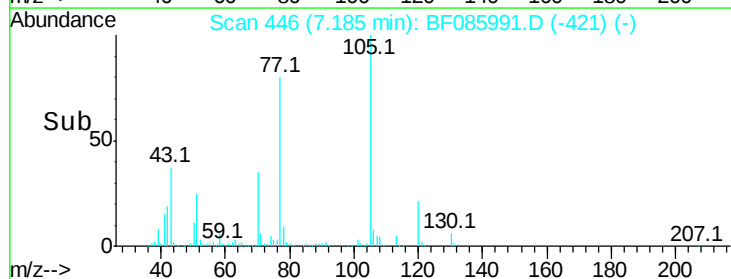
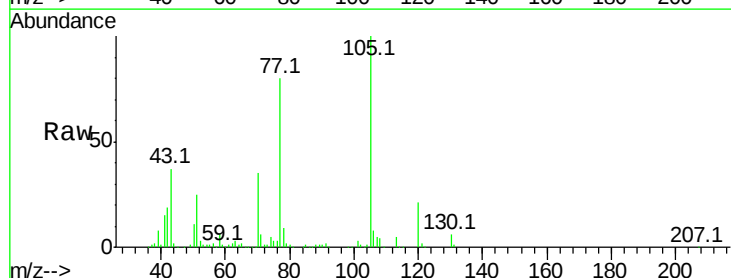
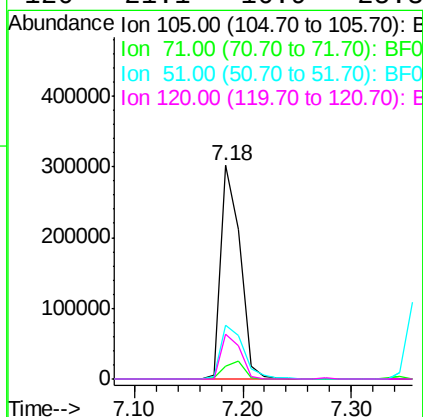
Manual Integrations
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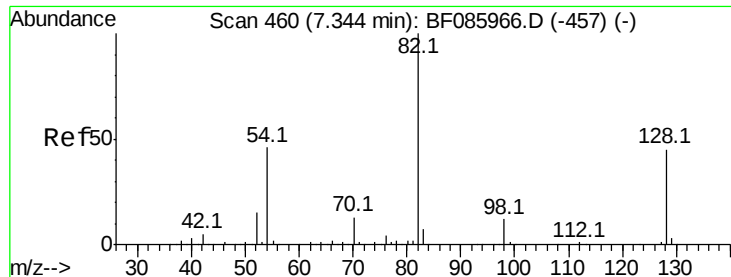
Sohil
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#22
Acetophenone
Concen: 37.87 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.6	5.4#	
51	25.1	25.4	38.0#	
120	21.1	16.9	25.3	





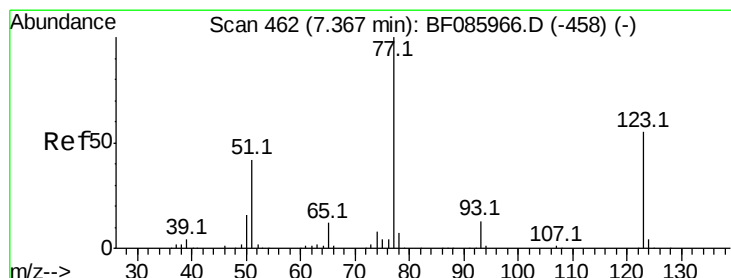
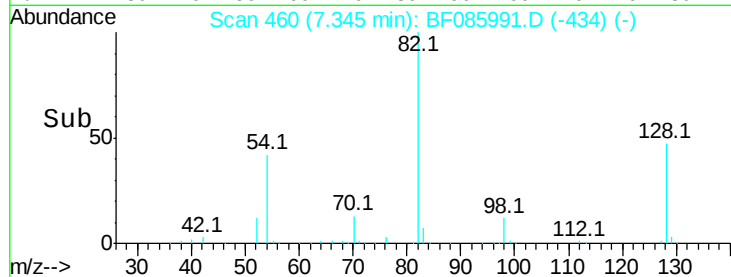
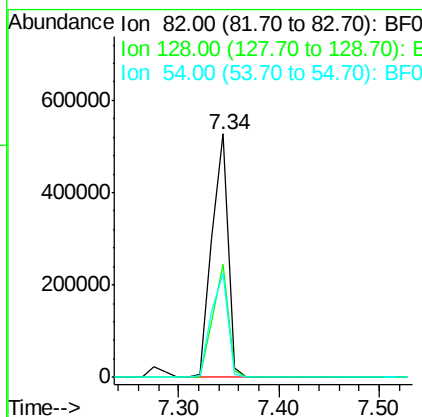
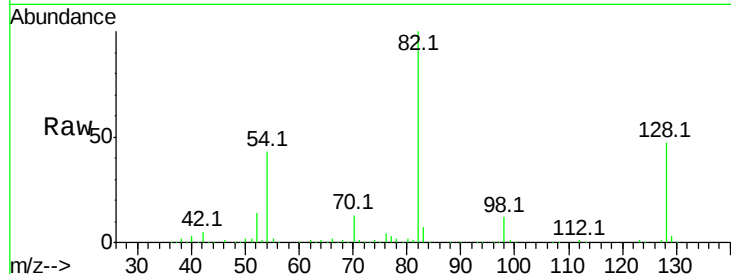
#23
 Nitrobenzene-d5
 Concen: 82.81 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	588269		
128	46.6		41.8	62.8
54	43.0		33.4	50.0

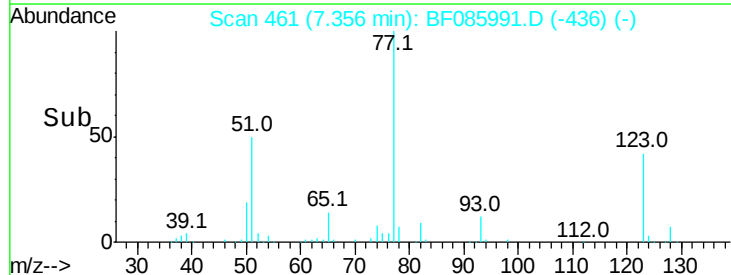
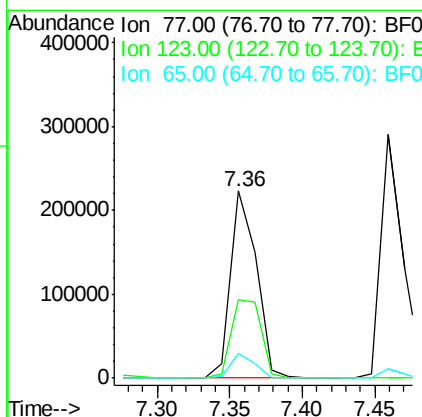
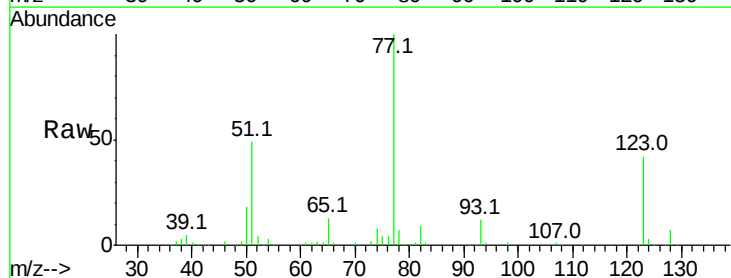
Manual Integrations
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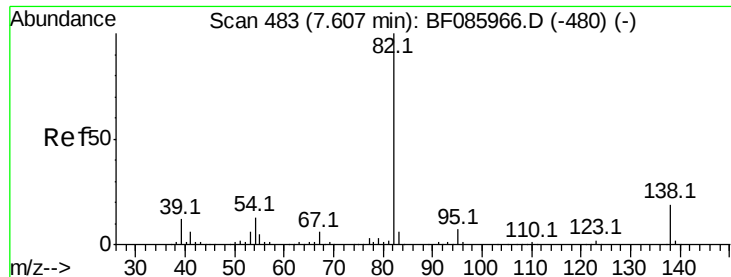
Sohil
 4/4/2016 7:37:55 PM



#24
 Nitrobenzene
 Concen: 35.46 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	275570		
123	42.4		35.0	52.4
65	13.2		10.6	16.0





#25

Isophorone

Concen: 36.44 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

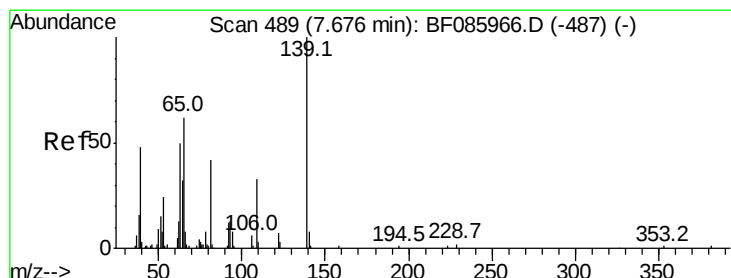
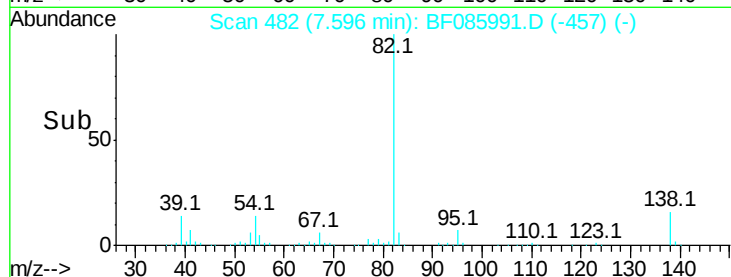
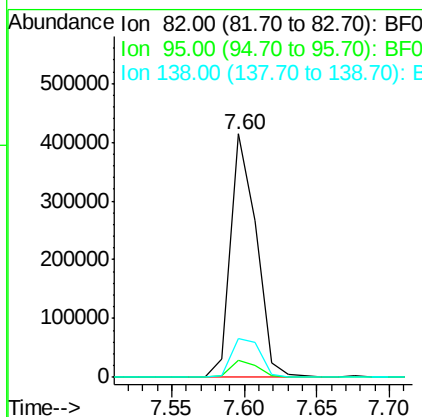
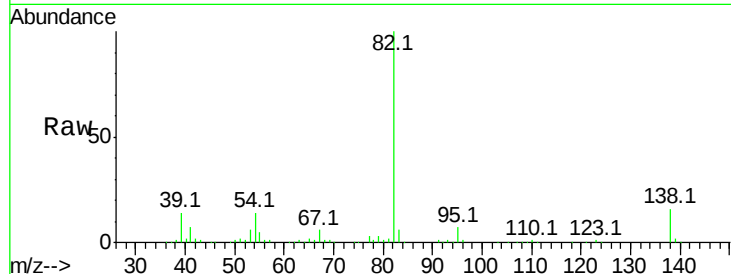
ClientSampleId :

PB89385BSD

Tot Ion:	82	Resp:	511066
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	15.9	12.9	19.3

Manual Integrations
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4/4/2016 7:37:55 PM



#26

2-Nitrophenol

Concen: 39.20 ng

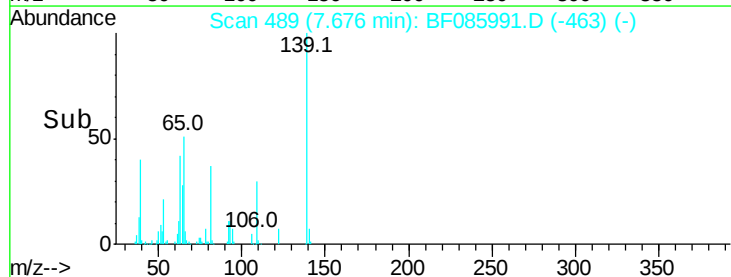
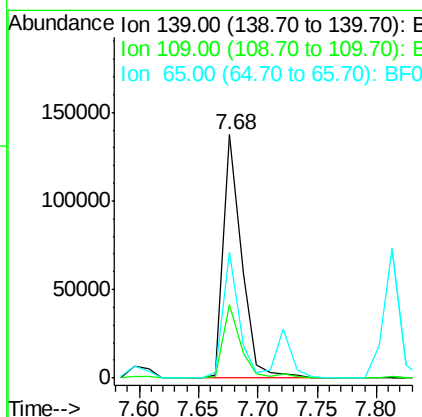
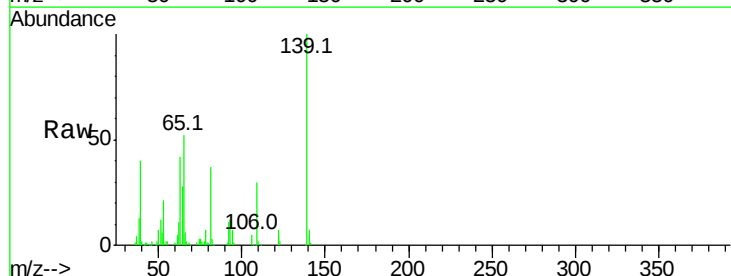
RT: 7.68 min Scan# 489

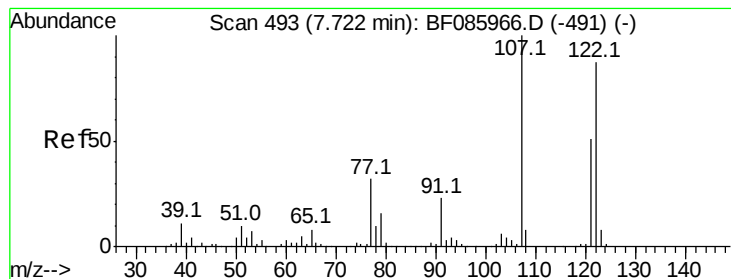
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	139	Resp:	145769
Ion Ratio	Lower	Upper	
139	100		
109	30.4	22.1	33.1
65	51.9	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

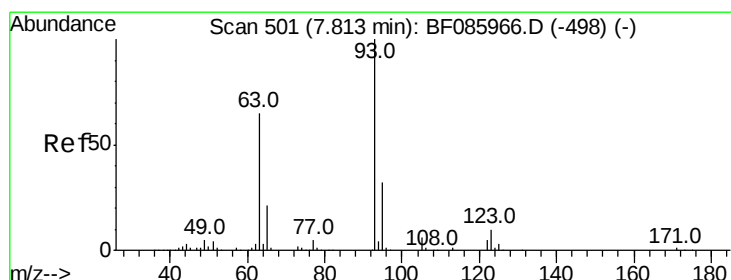
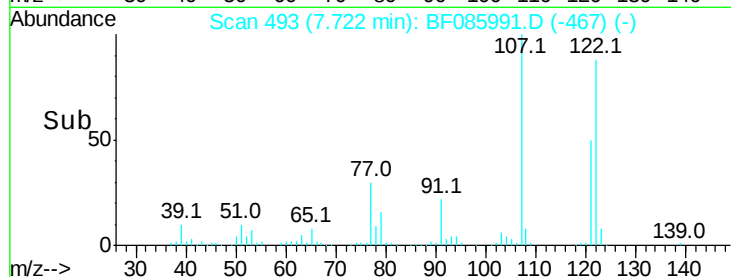
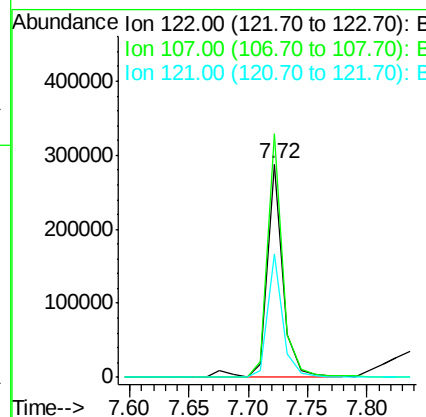
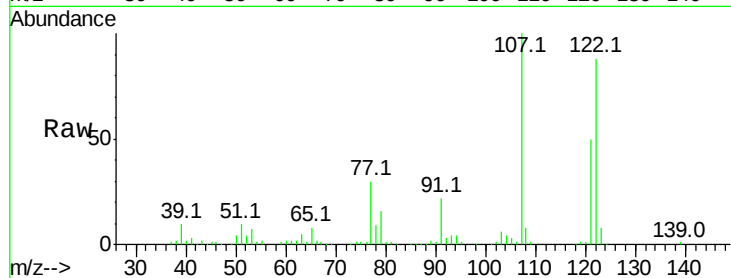
ClientSampleId :

PB89385BSD

Tot Ion:	122	Resp:	269688
Ion Ratio	Lower	Upper	
122	100		
107	114.3	93.0	139.6
121	57.7	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.60 ng

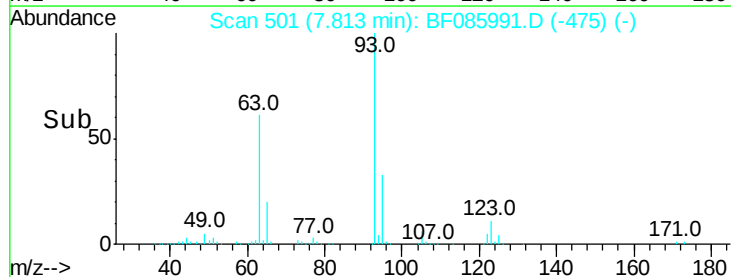
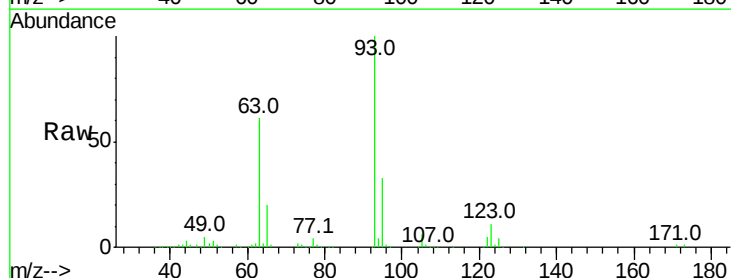
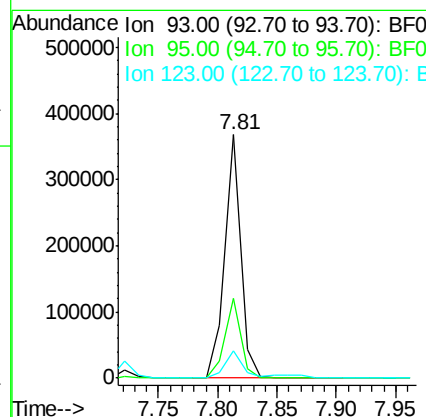
RT: 7.81 min Scan# 501

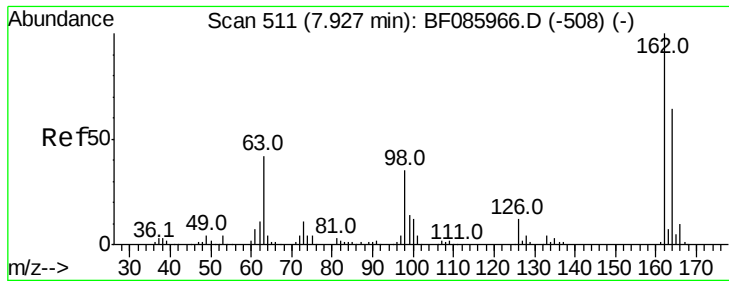
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	93	Resp:	342323
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	11.1	9.8	14.6





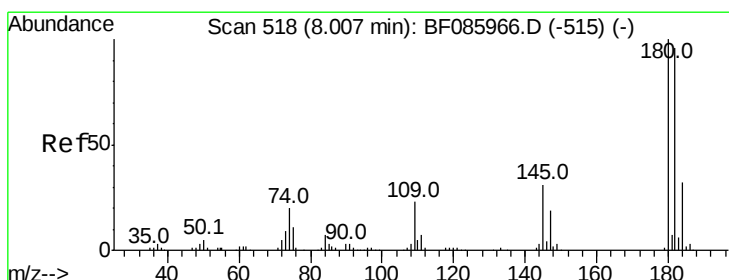
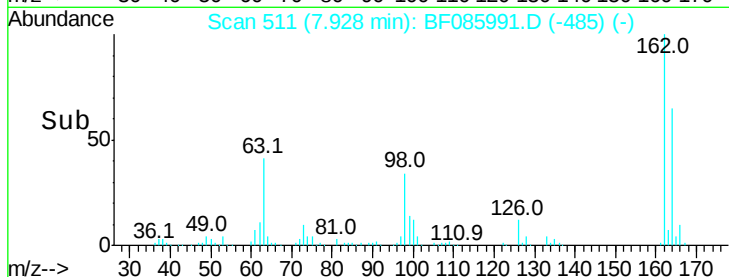
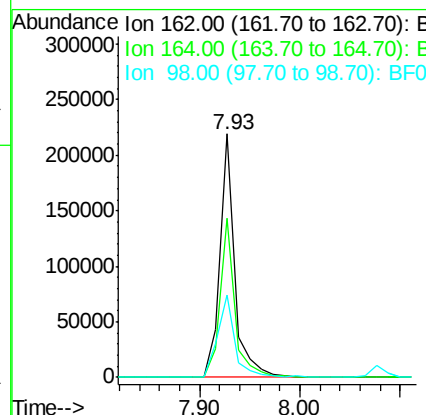
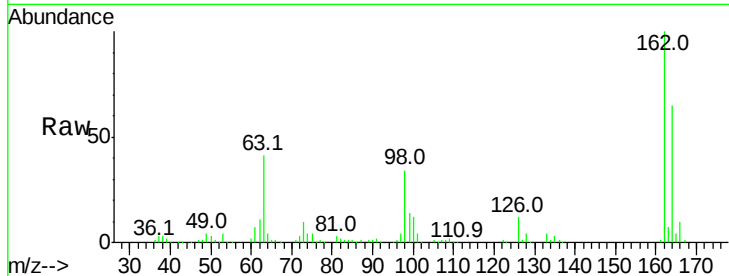
#29
 2,4-Dichlorophenol
 Concen: 39.92 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225381		
164	65.3	43.7	83.7	
98	34.0	20.4	60.4	

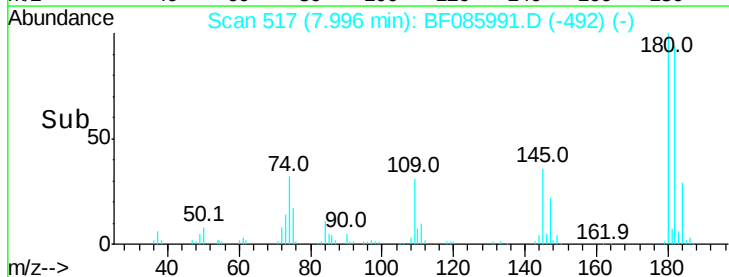
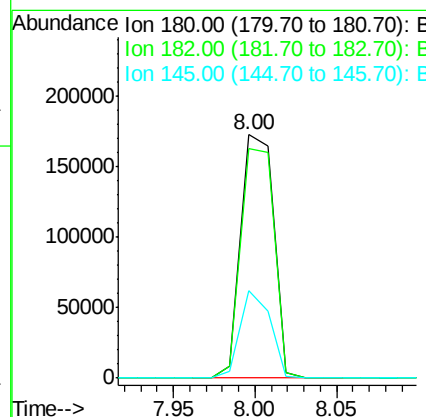
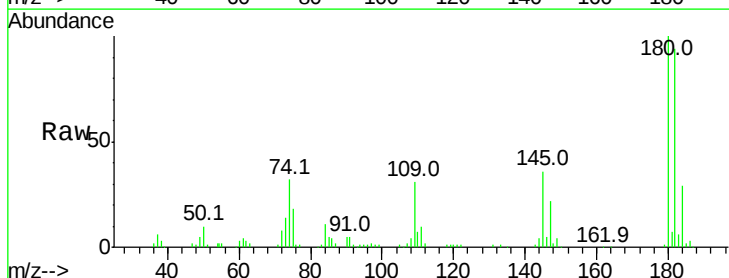
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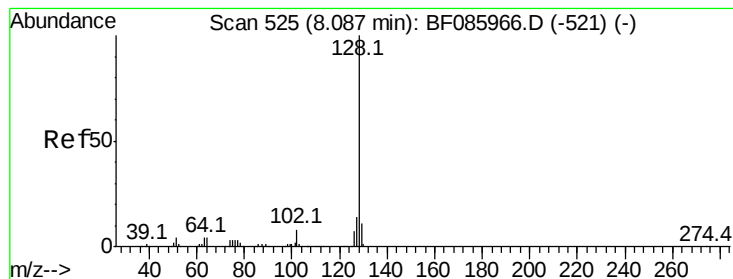
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240556		
182	94.1	73.8	110.8	
145	35.7	28.4	42.6	





#31

Naphthalene

Concen: 36.83 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

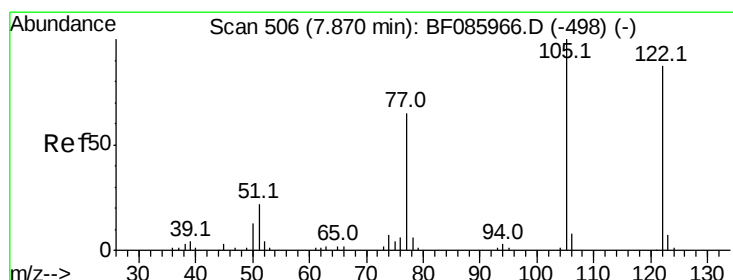
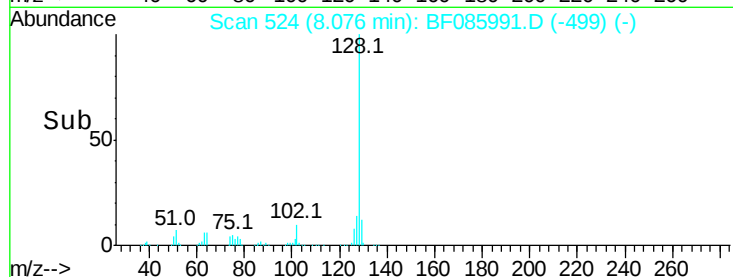
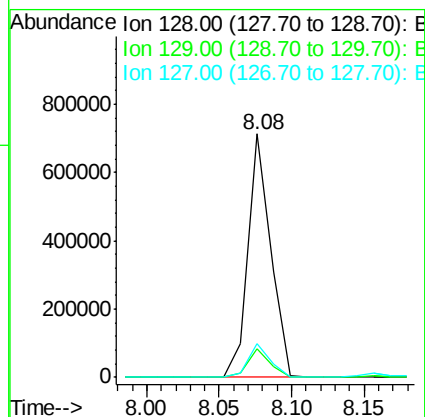
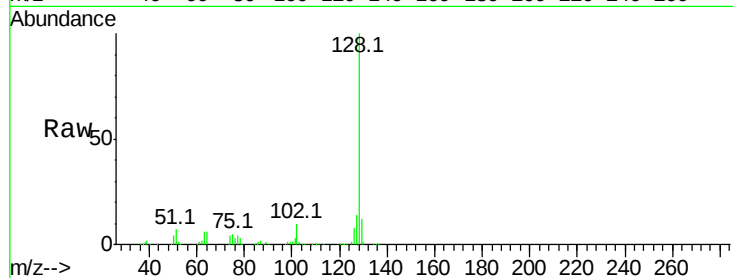
ClientSampleId :

PB89385BSD

Tot Ion:	128	Resp:	776065
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6

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#32

Benzoic acid

Concen: 34.26 ng

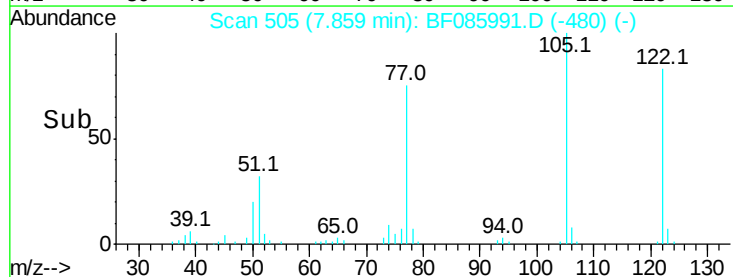
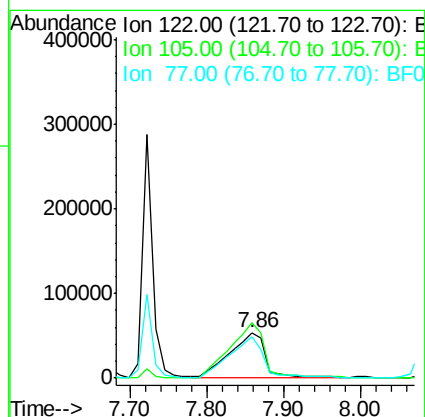
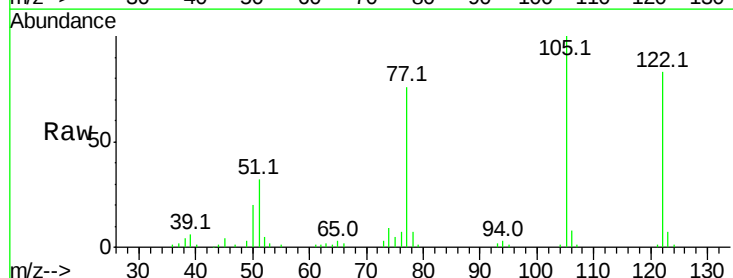
RT: 7.86 min Scan# 505

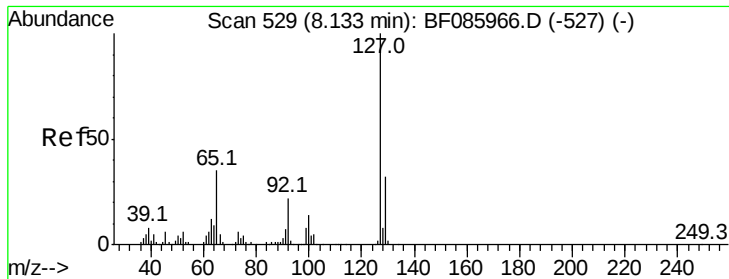
Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	122	Resp:	167872
Ion Ratio	Lower	Upper	
122	100		
105	119.9	102.9	142.9
77	91.4	71.8	111.8





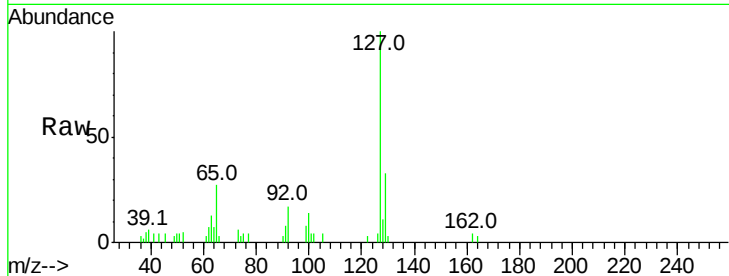
#33
4-Chloroaniline
Concen: 2.94 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

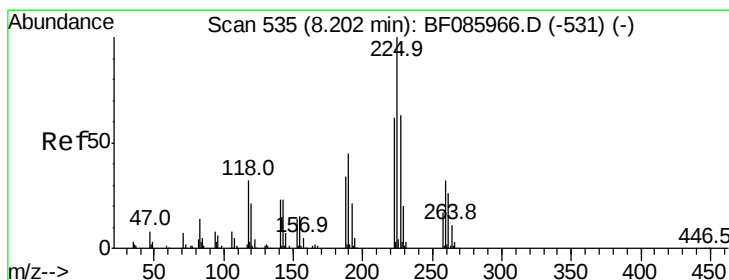
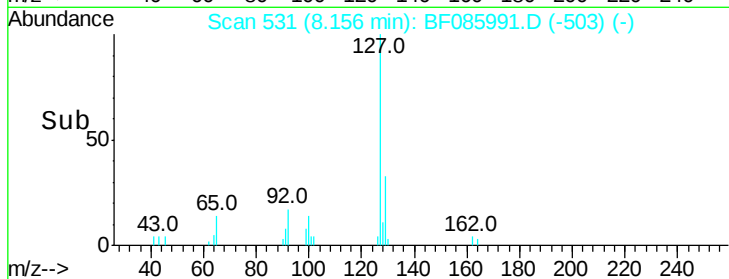
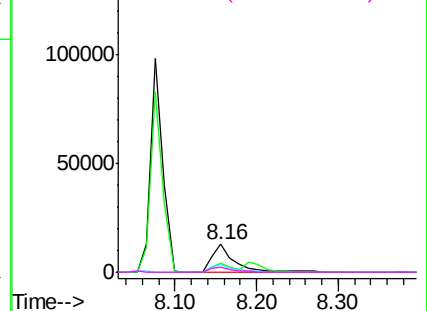
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		24989		
129	33.0	26.1	39.1		
65	27.1	19.5	29.3		
92	17.2	14.6	22.0		

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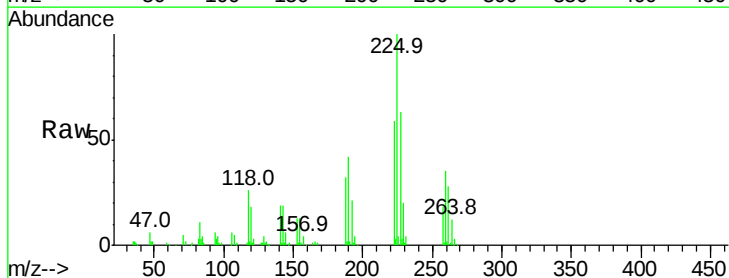


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

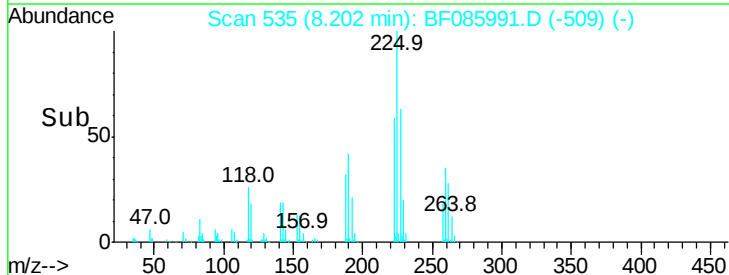
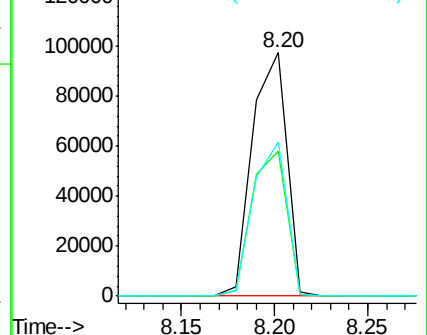


#34
Hexachlorobutadiene
Concen: 36.42 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		124110		
223	59.5	50.4	75.6		
227	63.4	51.4	77.2		



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





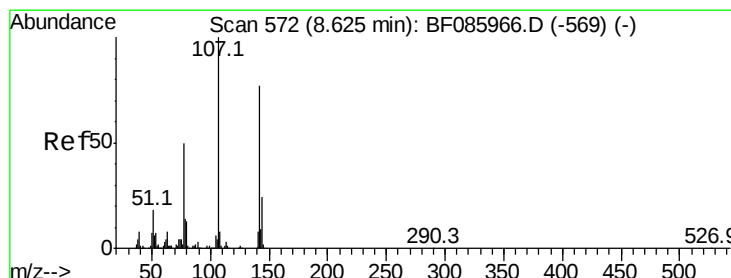
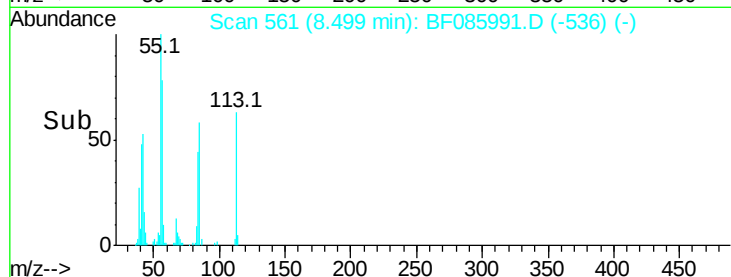
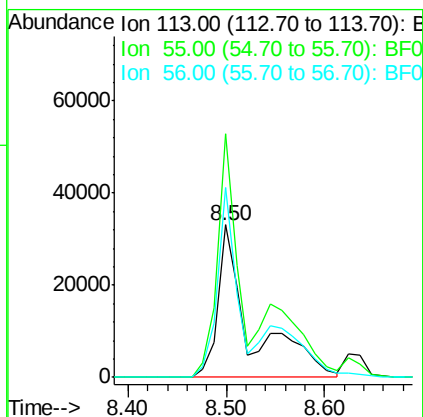
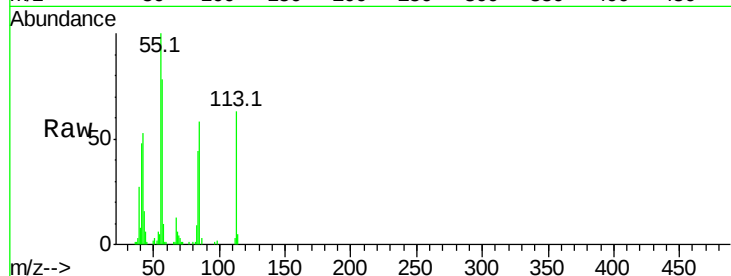
#35
Caprolactam
Concen: 42.92 ng/ml
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.5	139.4	179.4
56	124.1	100.4	140.4

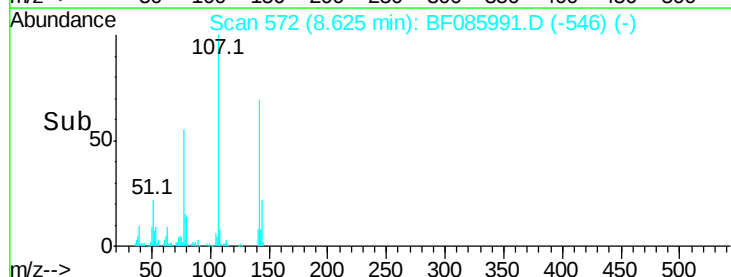
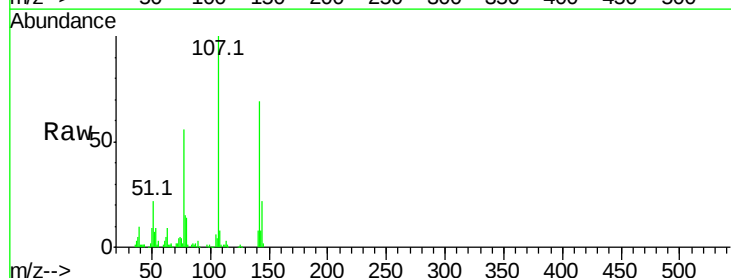
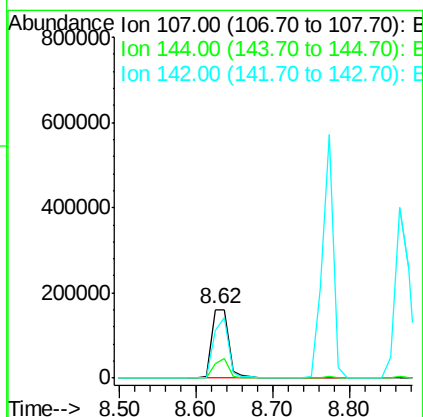
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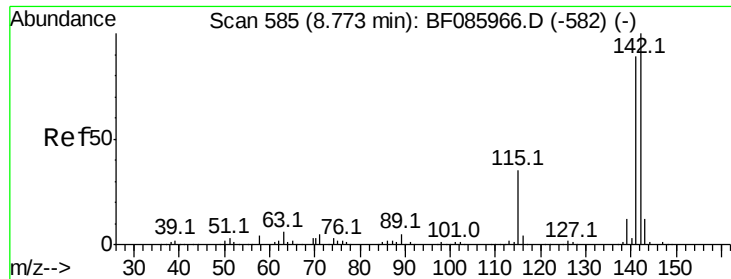
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#36
4-Chloro-3-methylphenol
Concen: 38.62 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	19.3	28.9
142	68.7	61.4	92.0





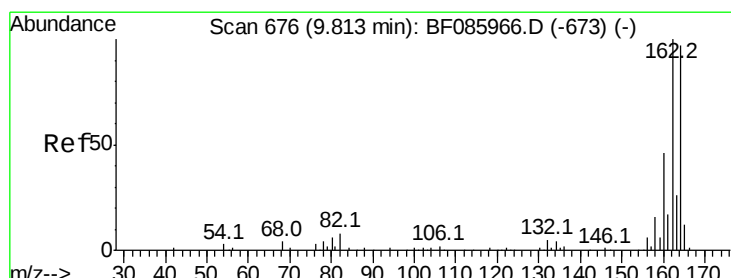
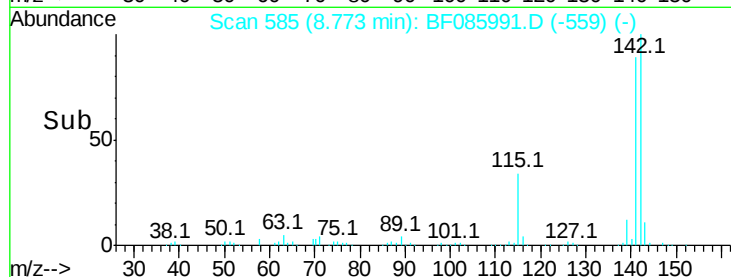
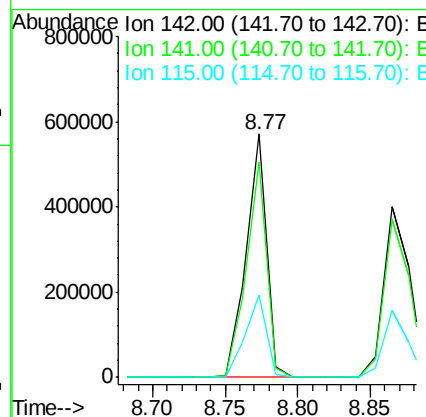
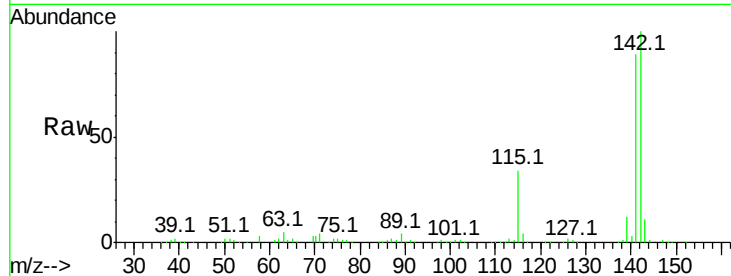
#37
 2-Methylnaphthalene
 Concen: 40.42 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:	142	Resp:	556405
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4
115	33.8	26.8	40.2

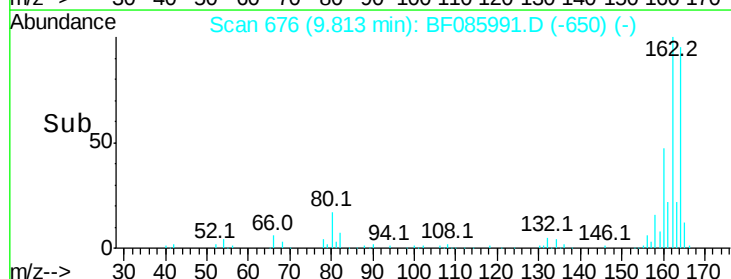
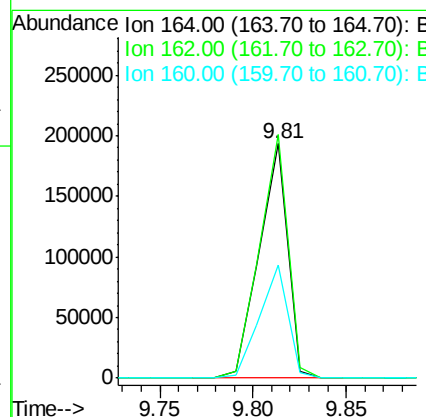
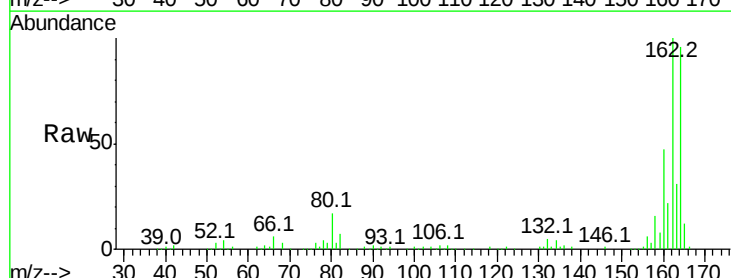
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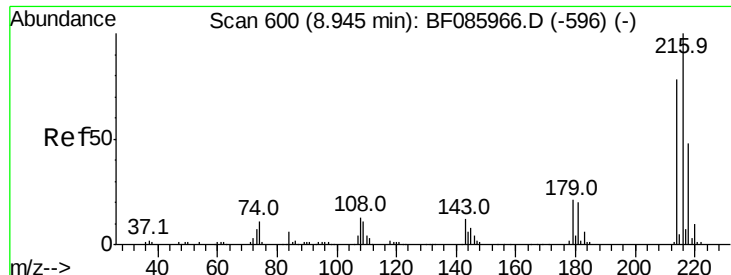
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:	164	Resp:	204051
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.1	123.1
160	48.4	37.4	56.2





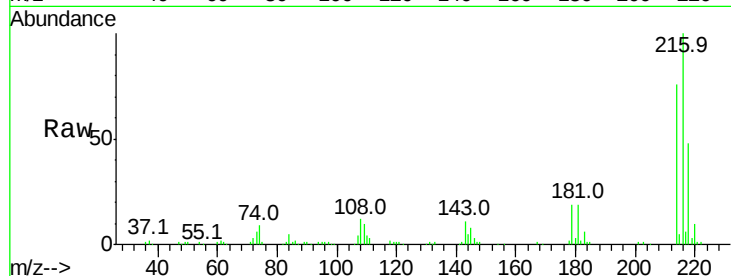
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.86 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

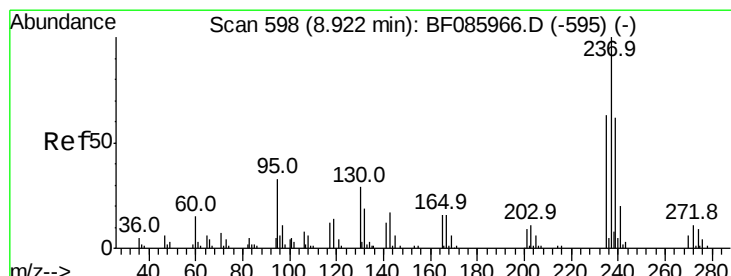
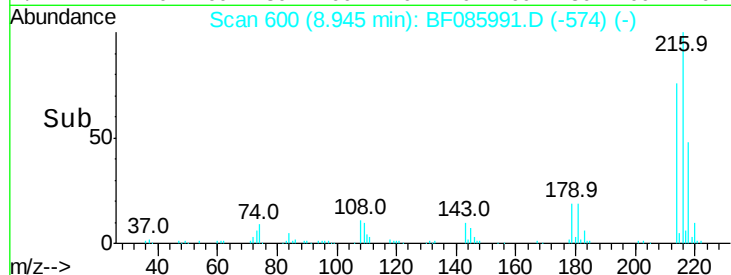
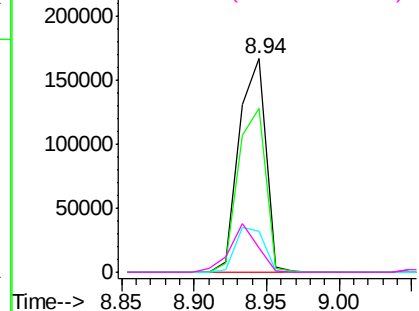
Tot Ion	Ratio	Resp	Lower	Upper
216	100	213787		
214	78.8	63.1	94.7	
179	22.6	18.2	27.2	
108	23.2	17.3	25.9	

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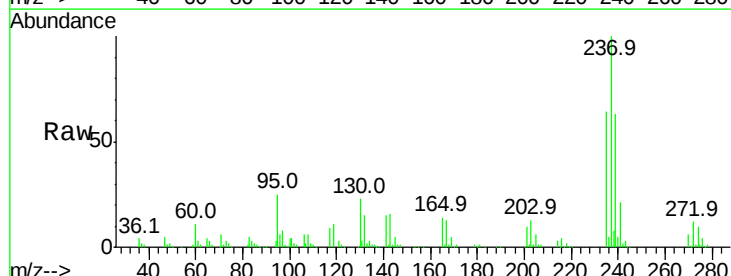


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

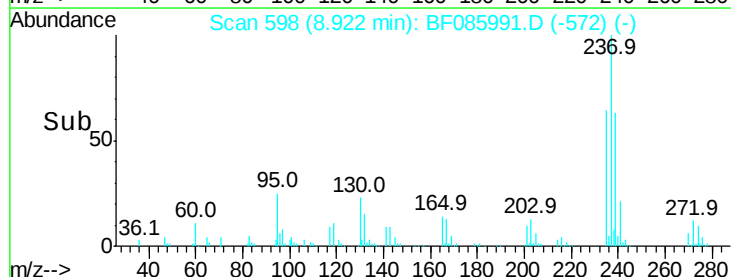
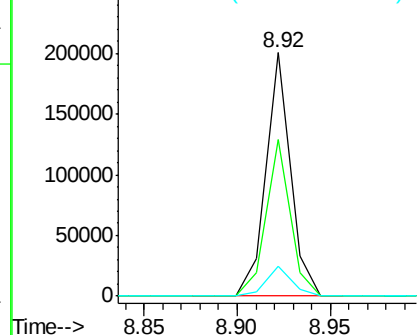


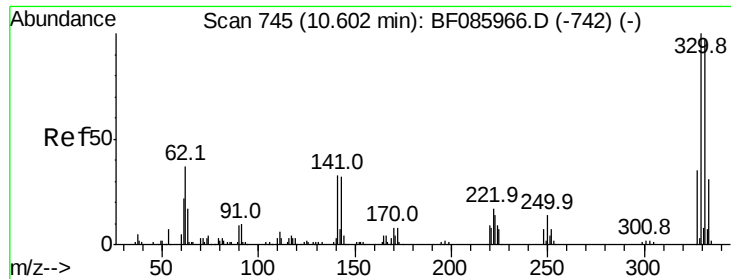
#40
 Hexachlorocyclopentadiene
 Concen: 81.25 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	181585		
235	64.4	43.7	83.7	
272	12.0	0.0	31.9	



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





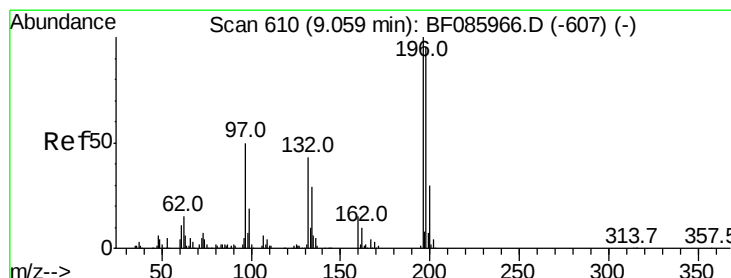
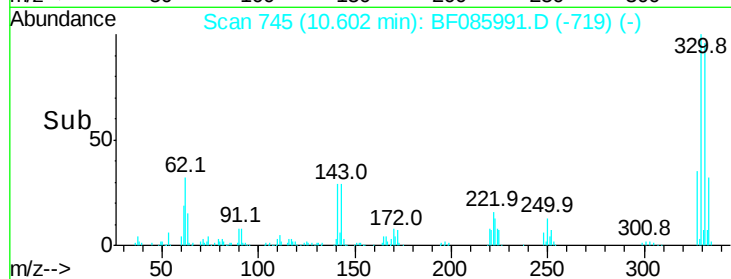
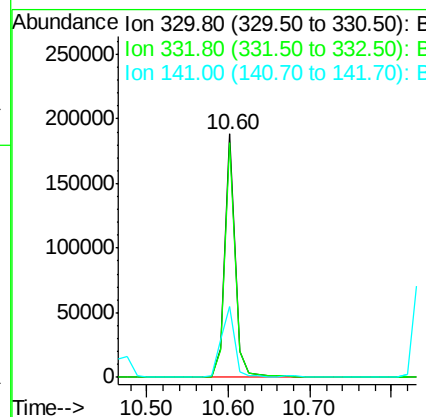
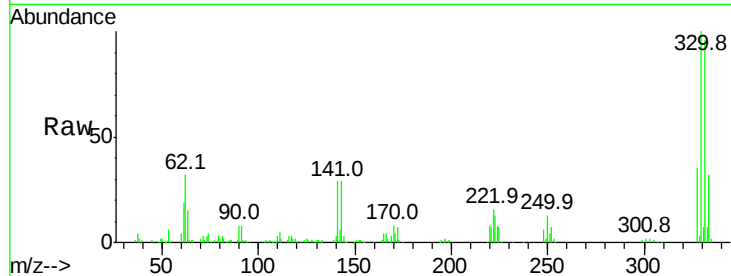
#41
 2,4,6-Tribromophenol
 Concen: 87.25 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	167104		
332	96.3	78.2	117.2	
141	37.9	31.5	47.3	

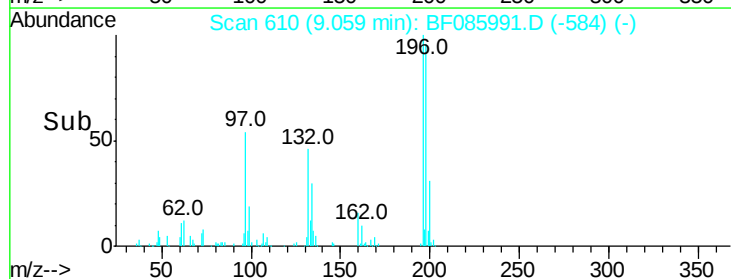
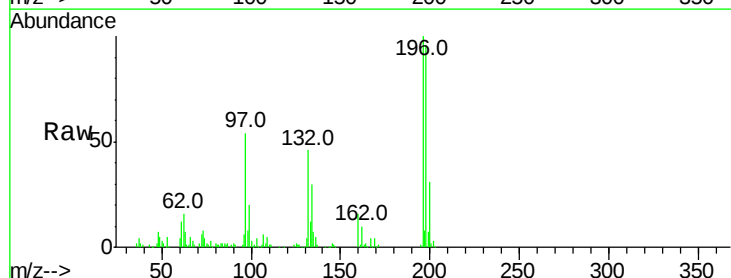
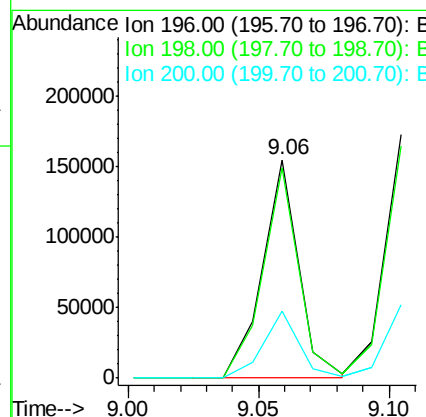
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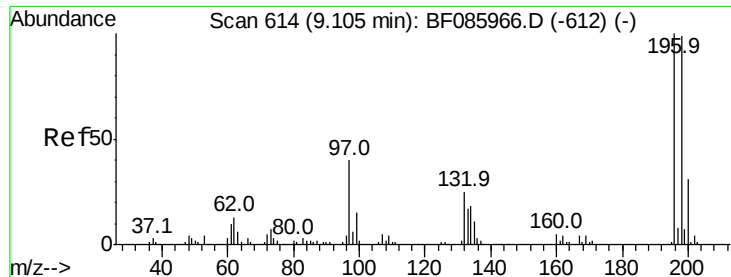
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#42
 2,4,6-Trichlorophenol
 Concen: 37.80 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148869		
198	96.1	75.3	112.9	
200	30.8	23.7	35.5	





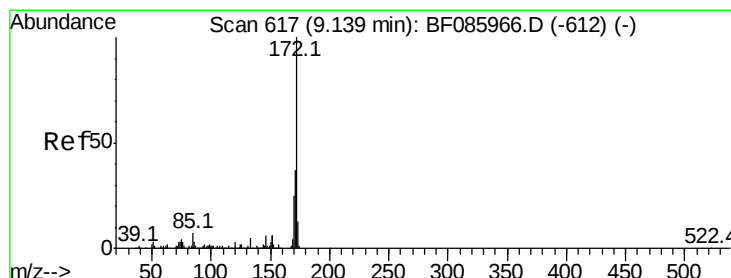
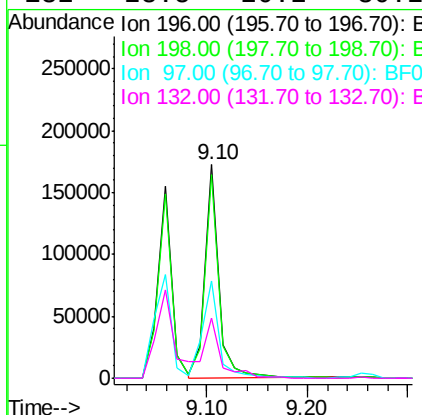
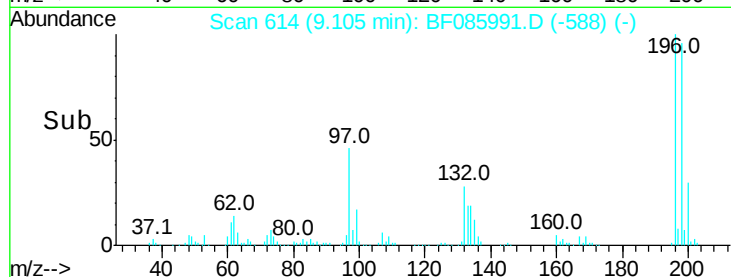
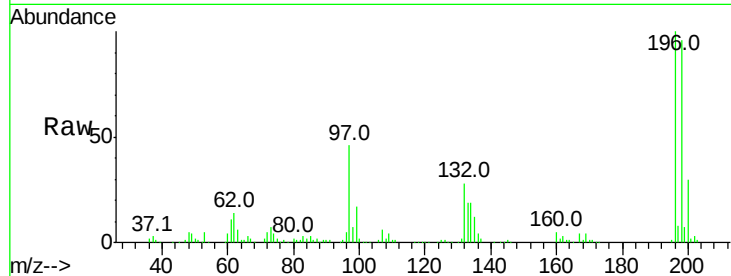
#43
 2,4,5-Trichlorophenol
 Concen: 41.85 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:	196	Resp:	167333
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.6	114.8
97	45.6	30.5	45.7
132	28.5	20.2	30.2

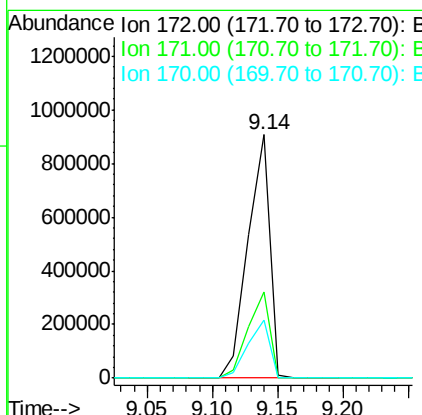
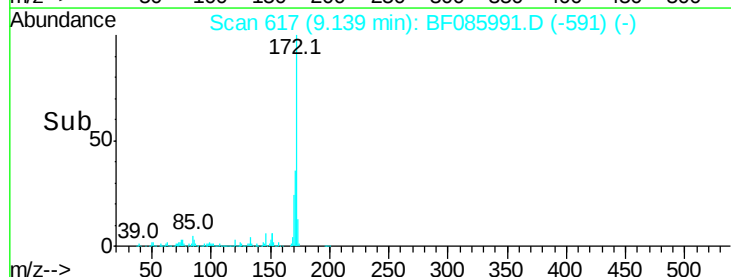
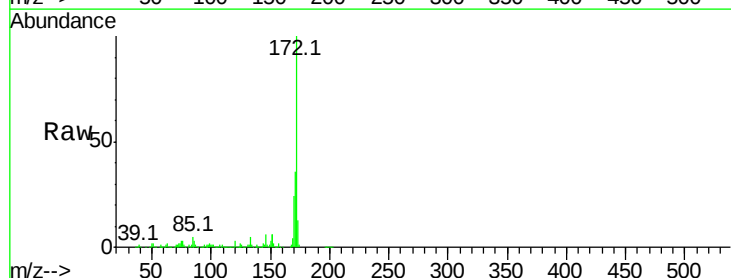
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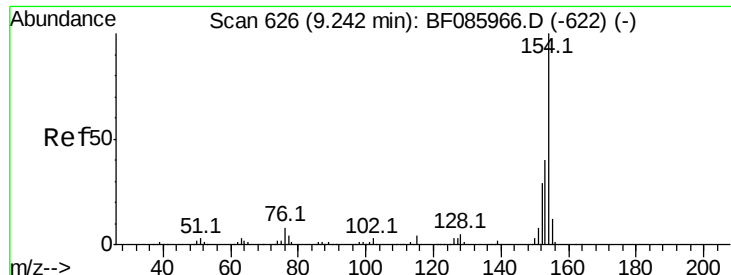
Sohil
 4/4/2016 7:37:55 PM



#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion:	172	Resp:	1056484
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.2
170	24.1	19.8	29.6





#45

1,1'-Biphenyl

Concen: 34.32 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

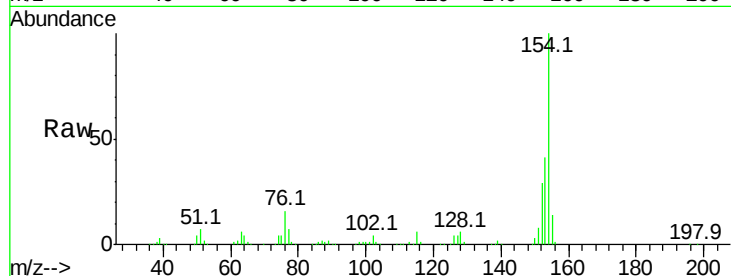
ClientSampleId :

PB89385BSD

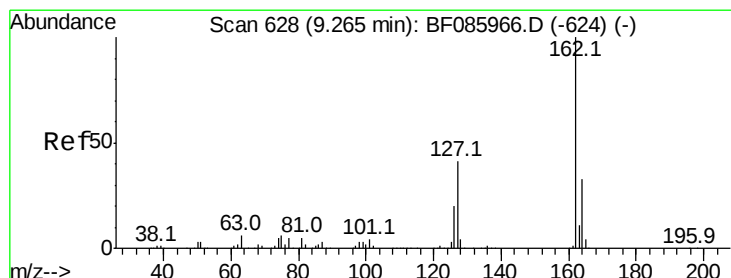
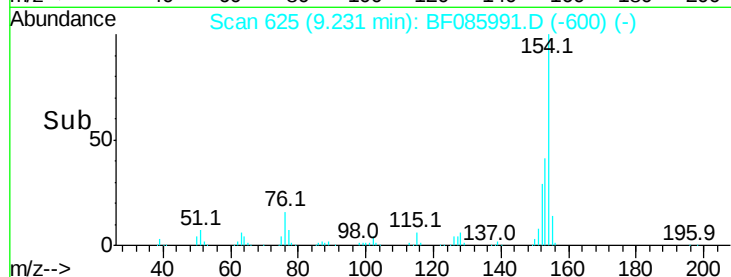
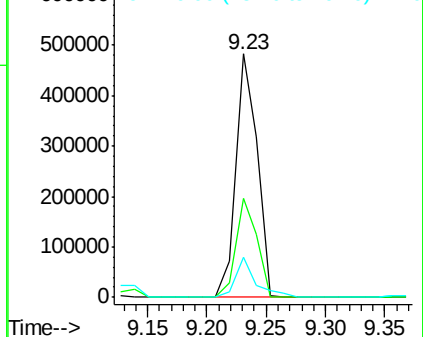
Tot Ion:	154	Resp:	603840
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	16.4	0.0	36.7

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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: 37.42 ng

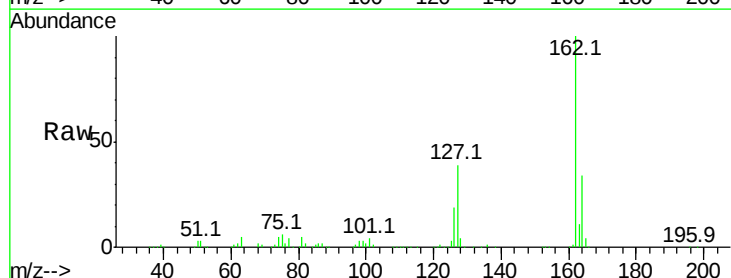
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

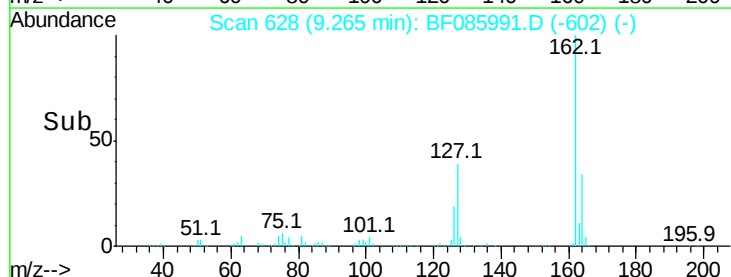
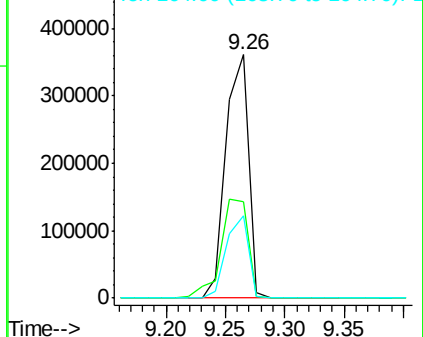
Lab File: BF085991.D

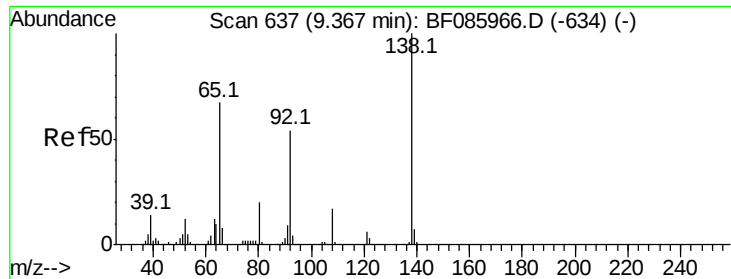
Acq: 2 Apr 2016 5:28

Tgt Ion:	162	Resp:	477261
Ion Ratio	Lower	Upper	
162	100		
127	39.4	31.7	47.5
164	33.8	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





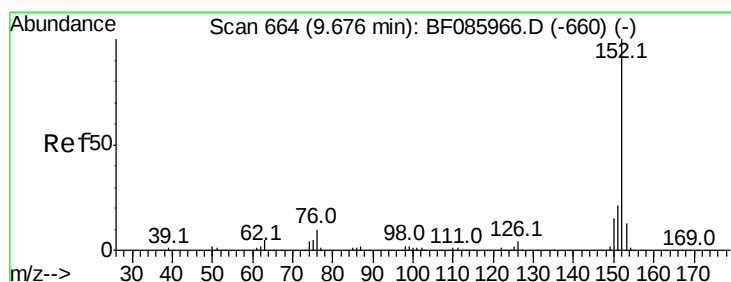
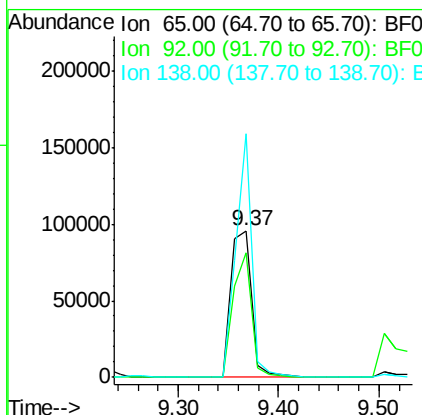
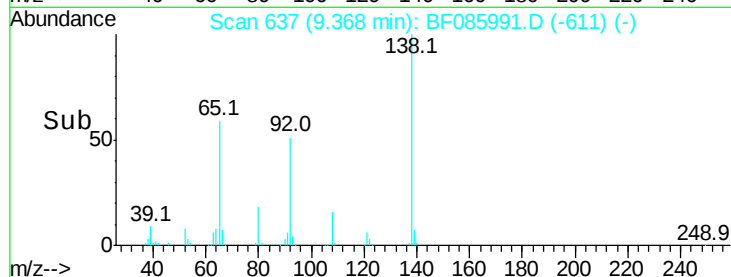
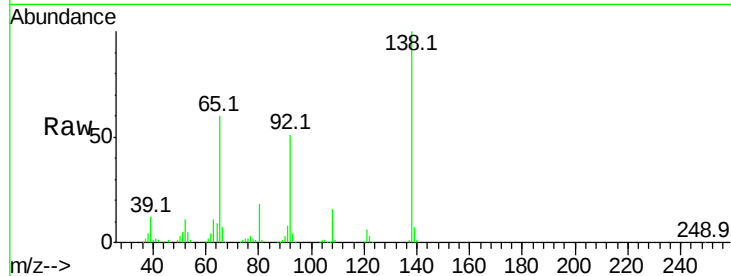
#47
2-Nitroaniline
Concen: 36.93 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	85.1	59.7	89.5	
138	166.2	91.4	137.0	

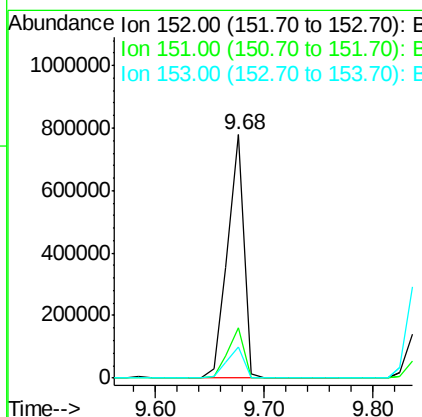
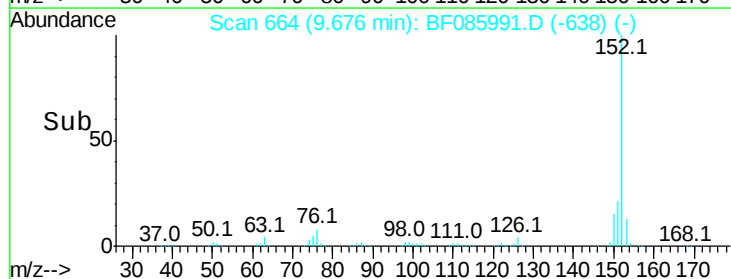
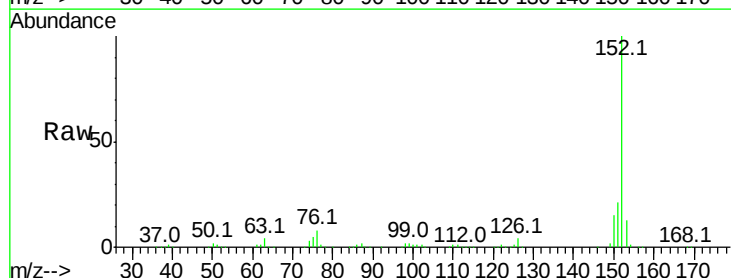
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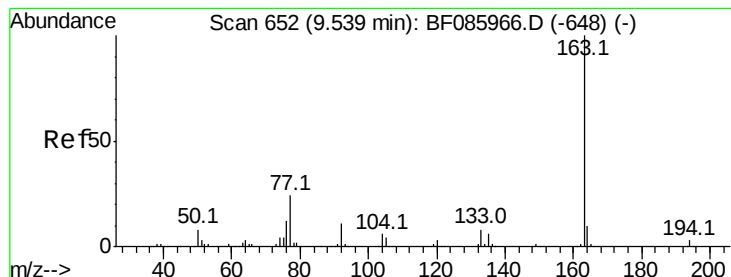
Sohil
4/4/2016 7:37:55 PM



#48
Acenaphthylene
Concen: 39.68 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.6	16.8	25.2	
153	12.8	10.9	16.3	





#49

Dimethylphthalate

Concen: 37.34 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

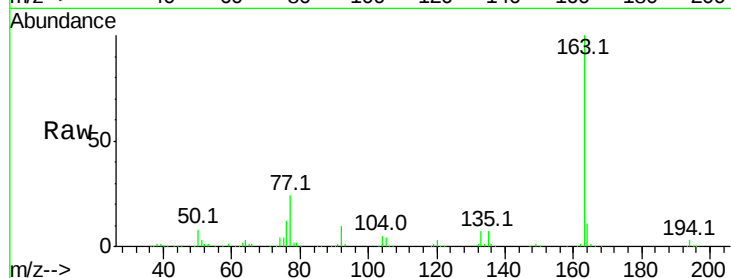
ClientSampleId :

PB89385BSD

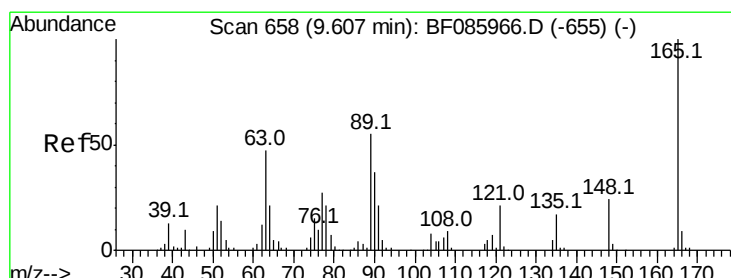
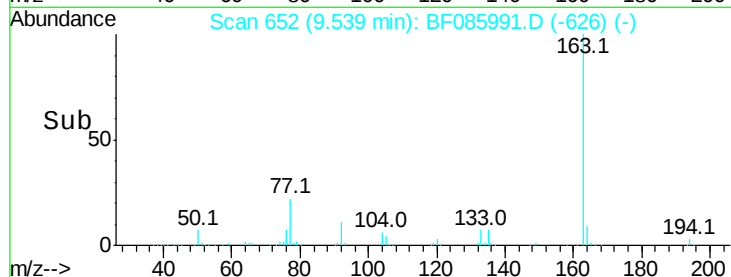
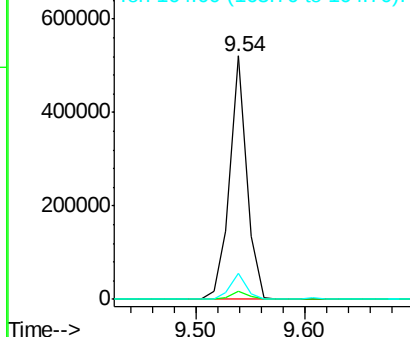
Tot Ion:	163	Resp:	564708
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.9	4.3
164	10.6	8.3	12.5

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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: 44.21 ng

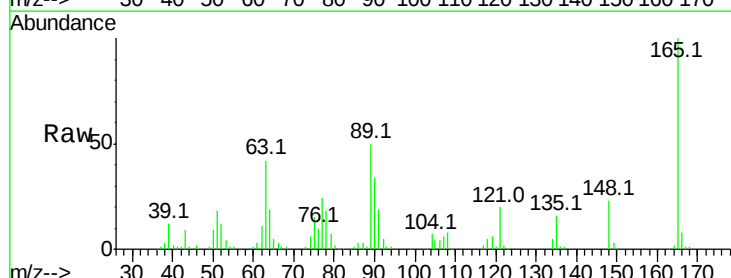
RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

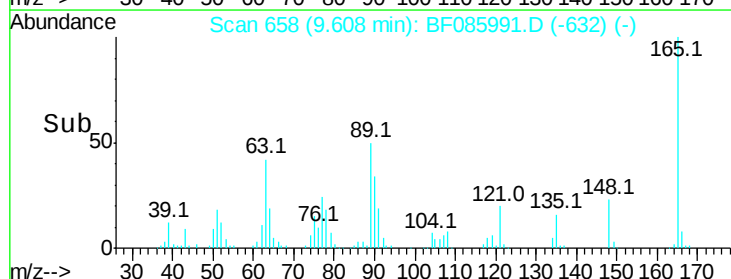
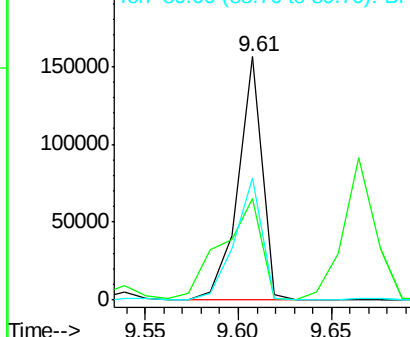
Lab File: BF085991.D

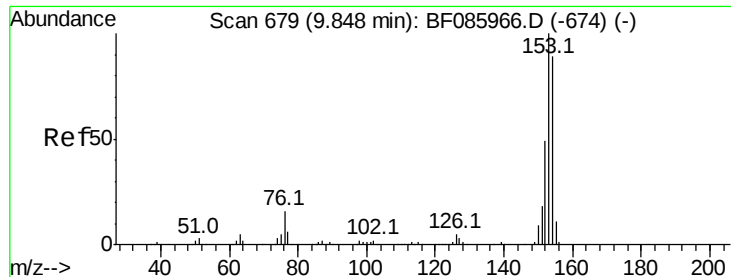
Acq: 2 Apr 2016 5:28

Tgt Ion:	165	Resp:	141467
Ion Ratio	Lower	Upper	
165	100		
63	41.8	51.8	77.8#
89	50.2	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: 39.42 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

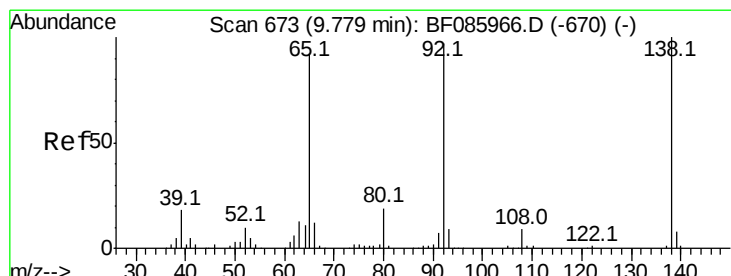
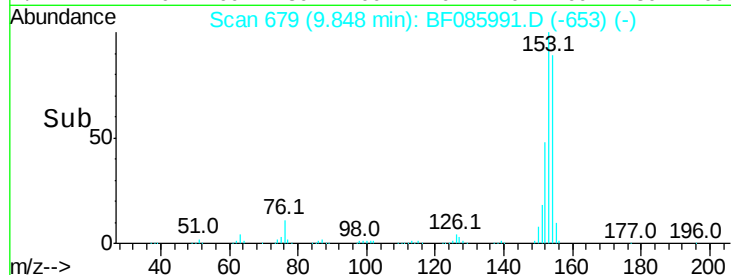
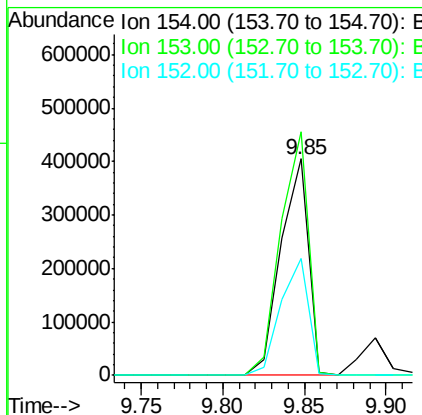
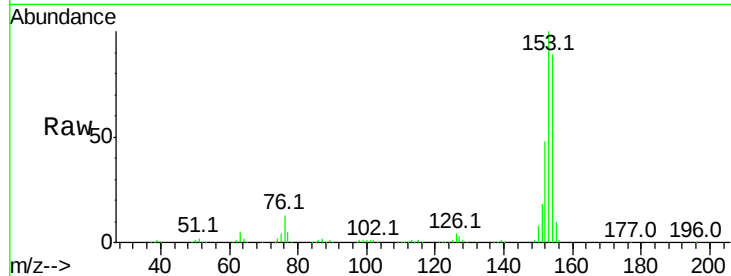
ClientSampleId :

PB89385BSD

Tot Ion:	154	Resp:	479019
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.1	135.1
152	54.2	44.2	66.2

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#52

3-Nitroaniline

Concen: 6.08 ng

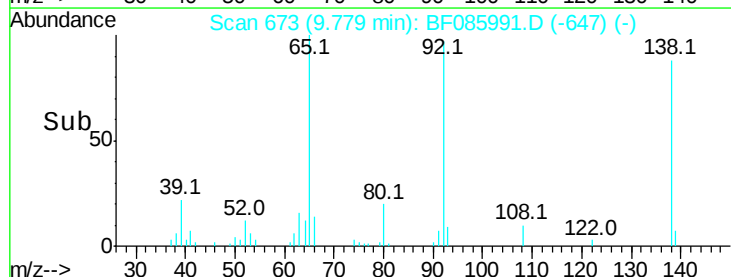
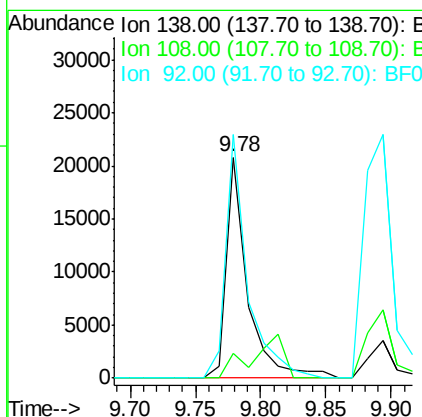
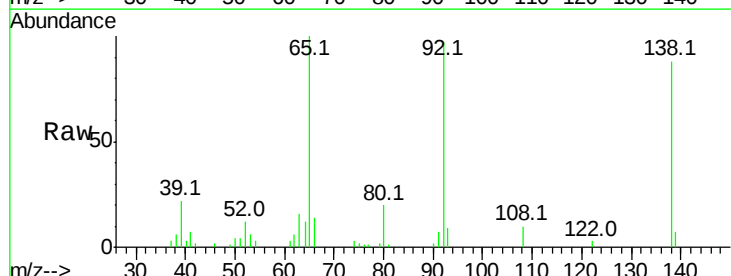
RT: 9.78 min Scan# 673

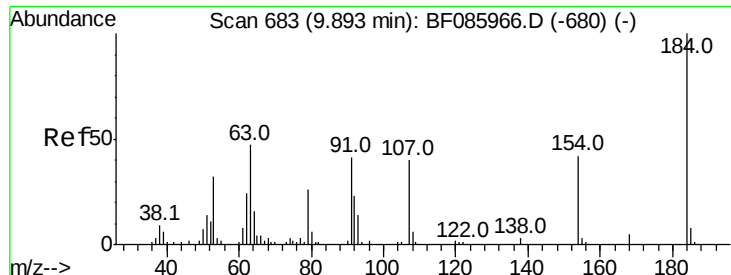
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	138	Resp:	23437
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.7	13.1
92	110.2	93.3	139.9





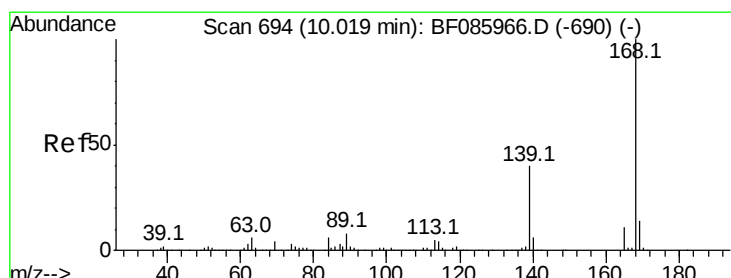
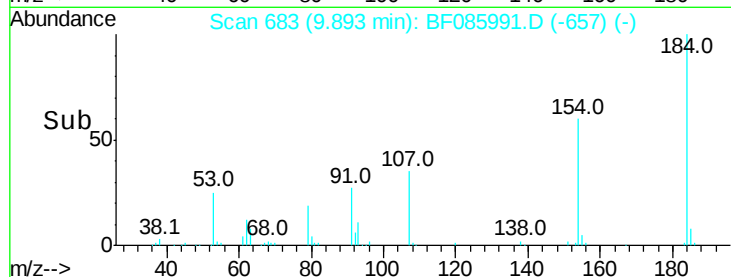
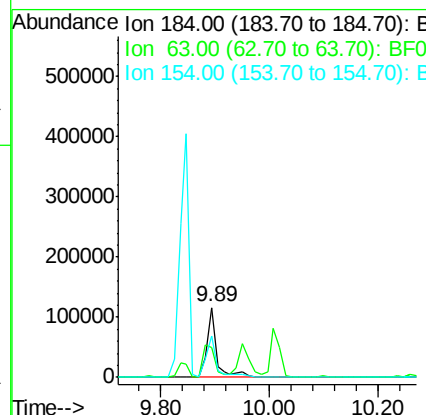
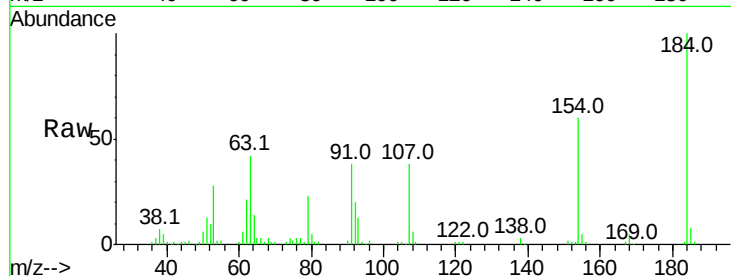
#53
 2,4-Dinitrophenol
 Concen: 69.37 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	42.0	69.5	104.3#	
154	60.0	58.3	87.5	

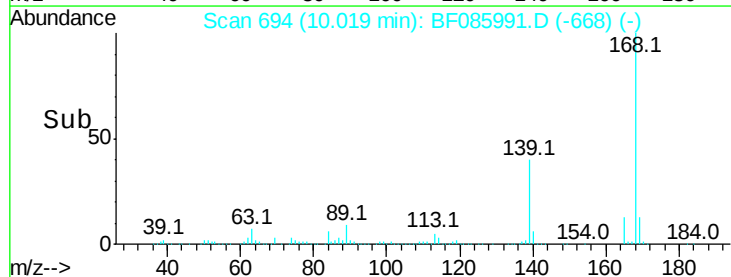
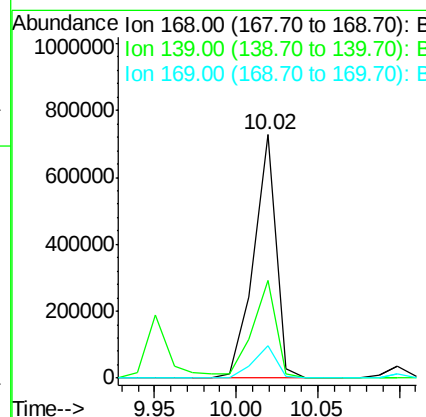
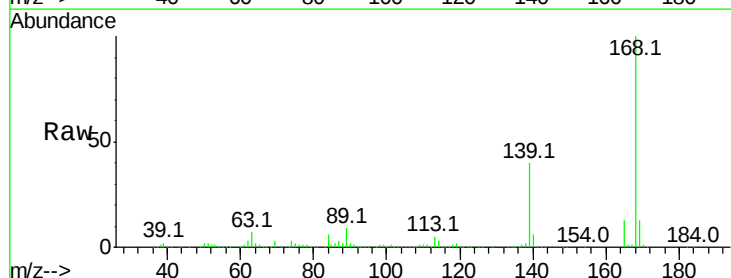
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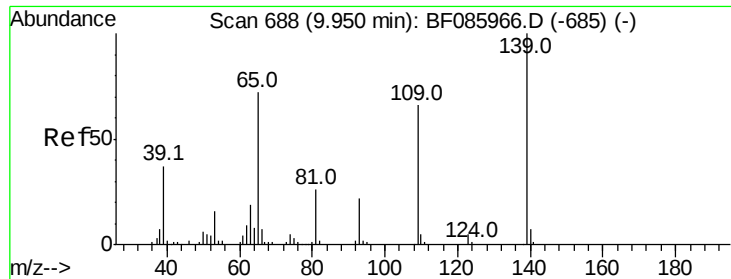
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#54
 Dibenzofuran
 Concen: 43.38 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	31.9	47.9	
169	13.4	11.0	16.6	





#55

4-Nitrophenol

Concen: 80.67 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

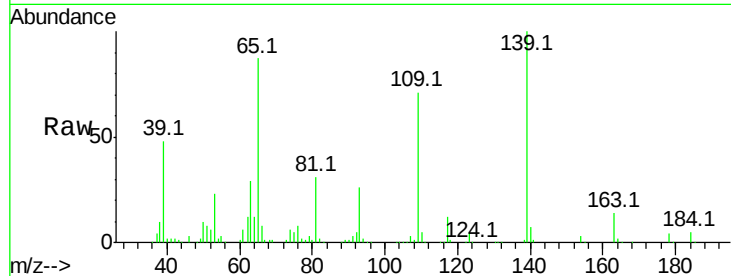
ClientSampleId :

PB89385BSD

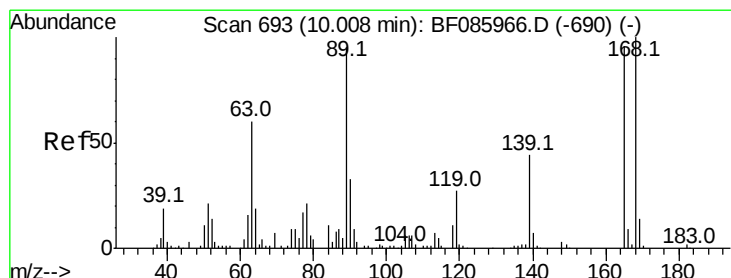
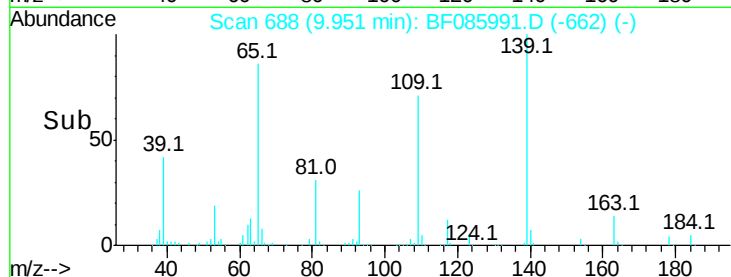
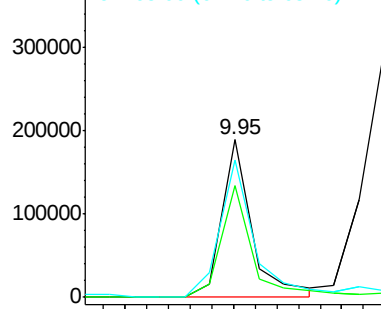
Tot Ion:	139	Resp:	183415
Ion Ratio	Lower	Upper	
139	100		
109	70.5	49.2	89.2
65	87.1	66.9	106.9

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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: 38.37 ng

RT: 10.01 min Scan# 693

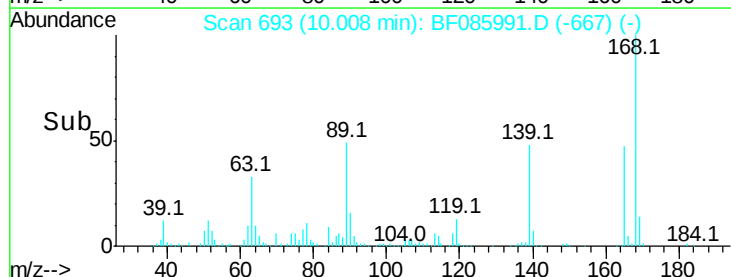
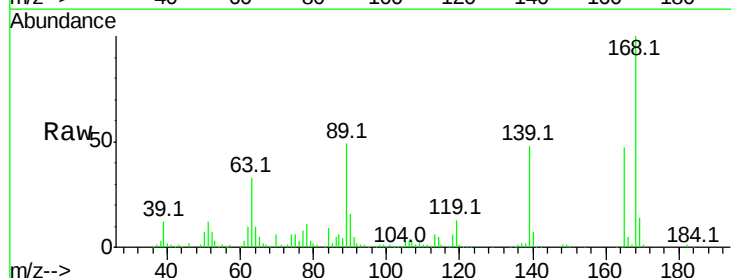
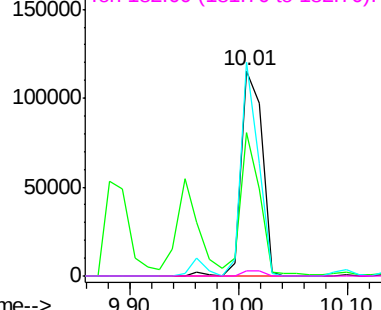
Delta R.T. 0.00 min

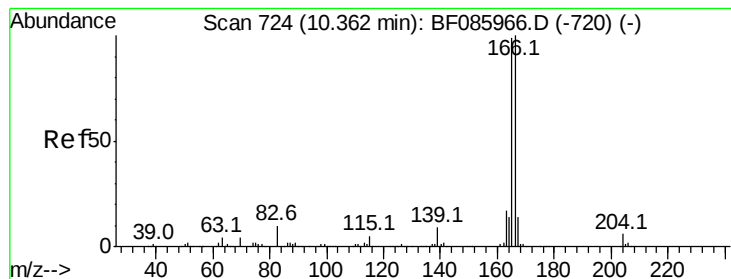
Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	165	Resp:	155136
Ion Ratio	Lower	Upper	
165	100		
63	69.9	24.9	37.3#
89	104.3	41.0	61.6#
182	2.3	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: 40.22 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

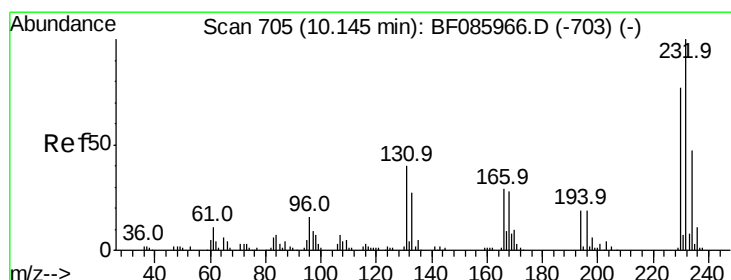
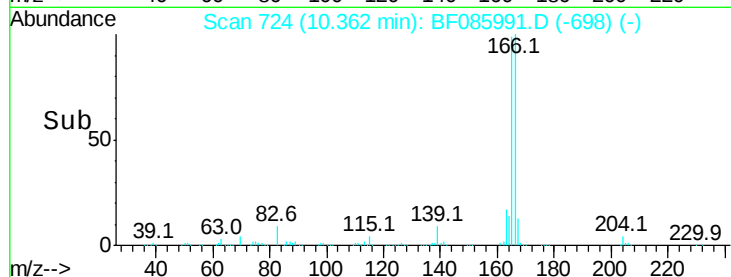
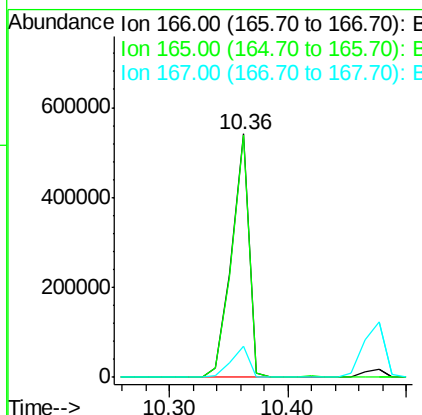
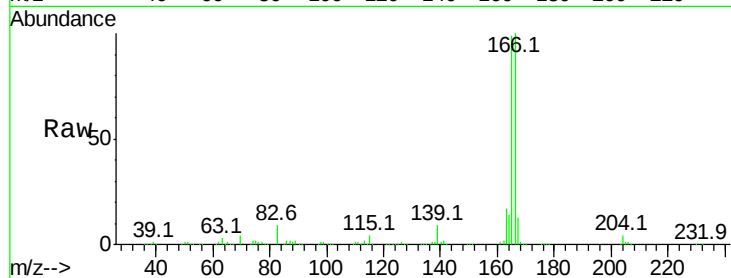
ClientSampleId :

PB89385BSD

Tot Ion:	166	Resp:	551370
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.4	119.0
167	13.0	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.33 ng

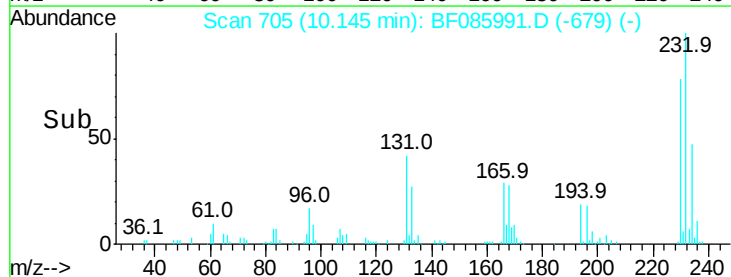
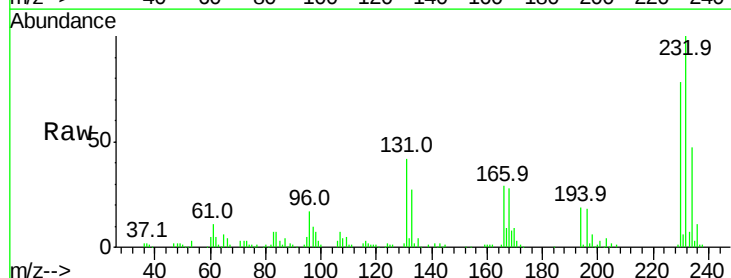
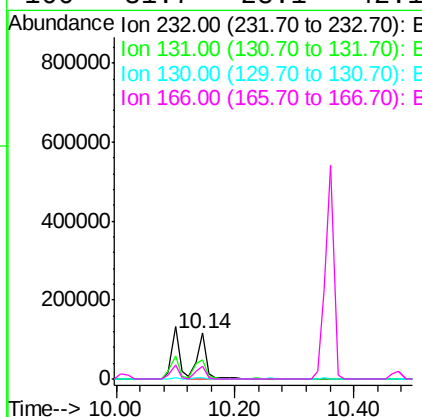
RT: 10.14 min Scan# 705

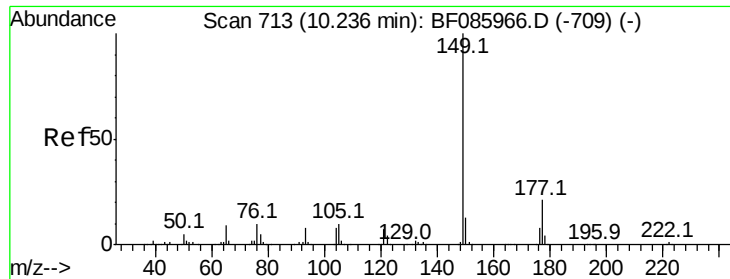
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	232	Resp:	128995
Ion Ratio	Lower	Upper	
232	100		
131	54.3	44.9	67.3
130	2.6	2.3	3.5
166	31.7	28.1	42.1





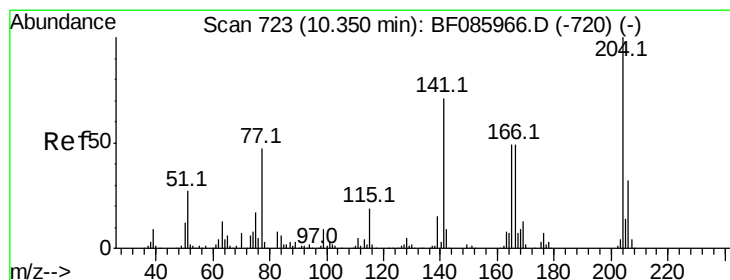
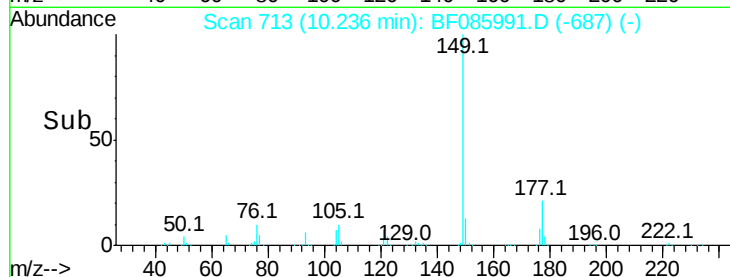
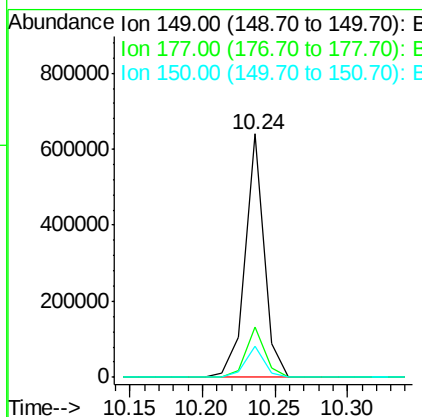
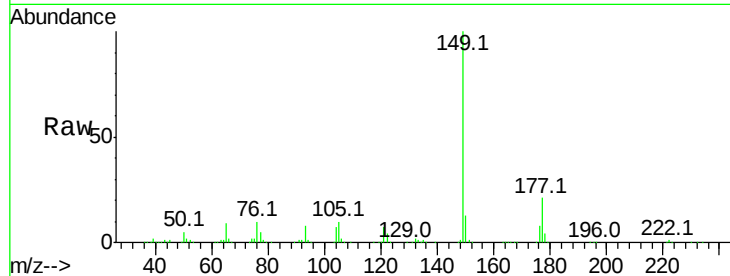
#59
Diethylphthalate
Concen: 38.14 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	582134		
177	20.8	17.9	26.9	
150	12.8	10.2	15.2	

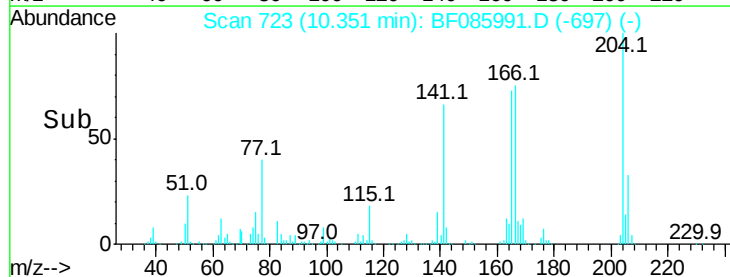
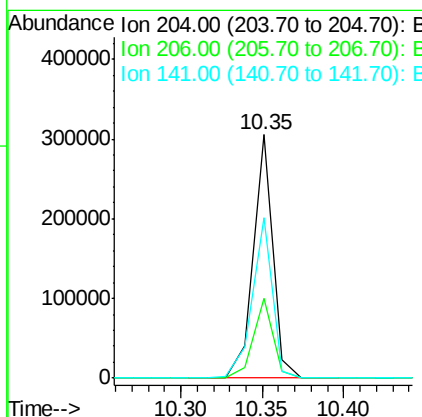
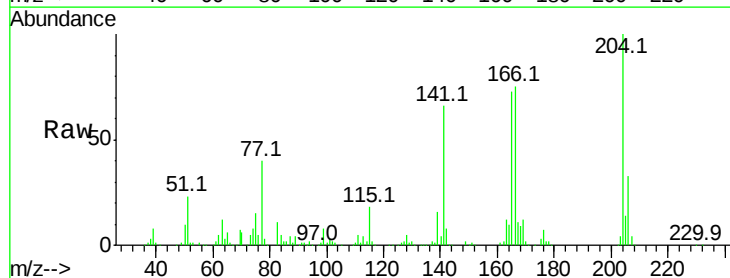
Manual Integrations
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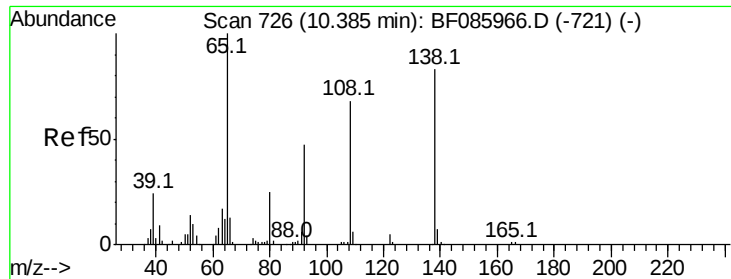
Sohil
4/4/2016 7:37:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.94 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	255035		
206	32.9	26.6	39.8	
141	65.9	57.4	86.0	





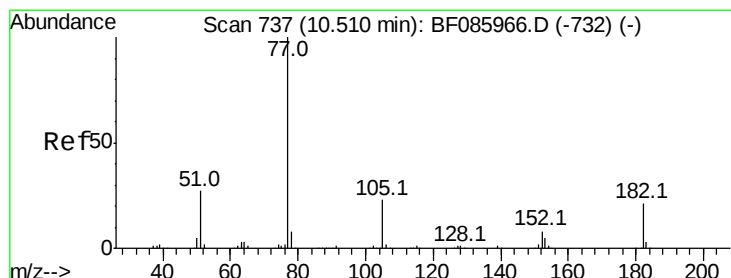
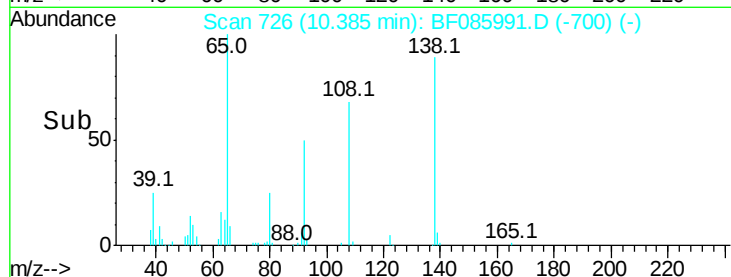
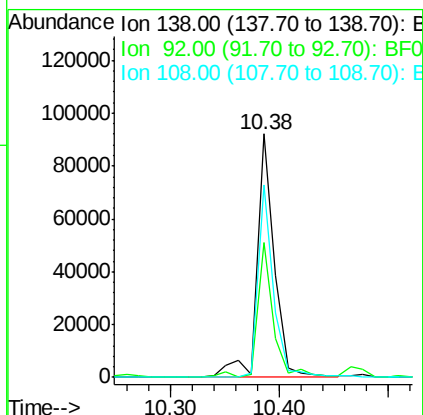
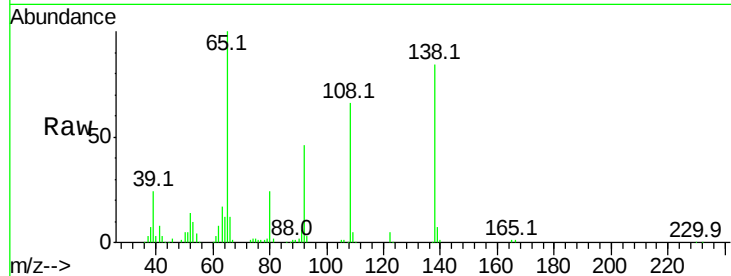
#61
4-Nitroaniline
Concen: 27.22 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	26.4	66.4
108	79.2	49.0	89.0

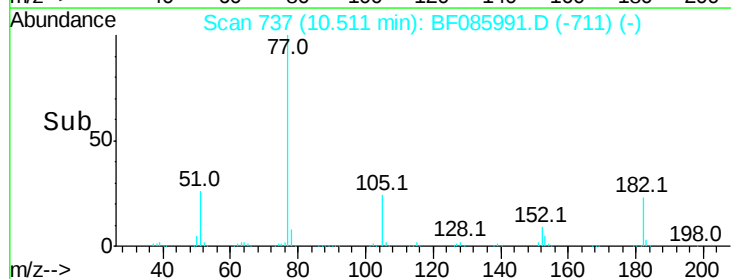
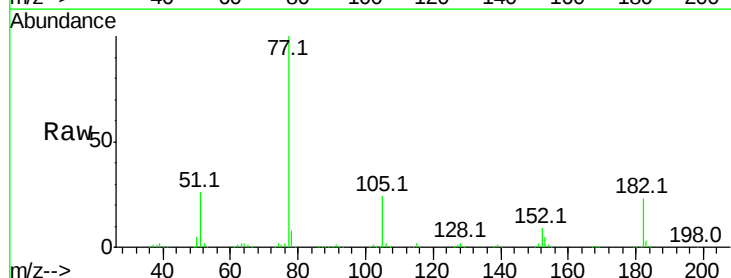
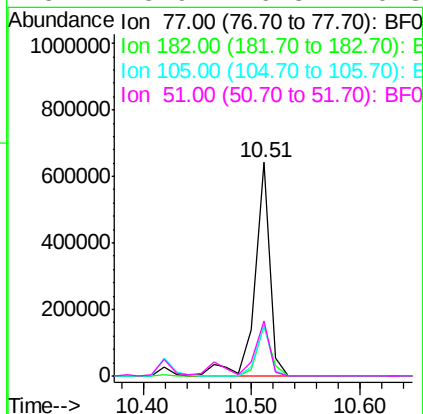
Manual Integrations
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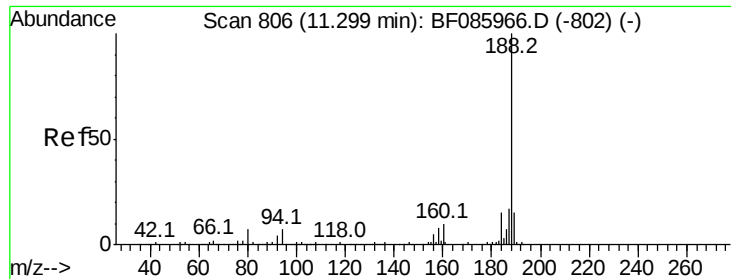
Sohil
4/4/2016 7:37:55 PM



#62
Azobenzene
Concen: 42.65 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.9	41.9
105	23.8	3.5	43.5
51	25.9	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: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

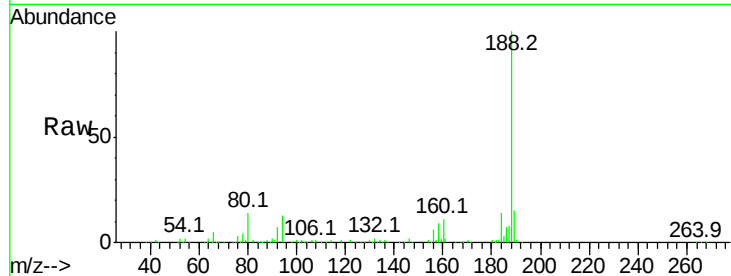
ClientSampleId :

PB89385BSD

Tot Ion:	188	Resp:	391383
Ion Ratio	Lower	Upper	
188	100		
94	13.0	5.4	8.0#
80	14.0	5.5	8.3#

Manual Integrations
APPROVED

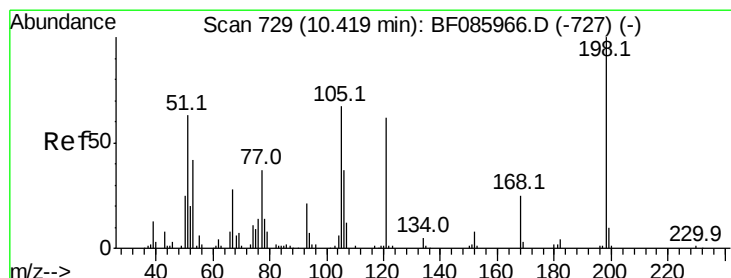
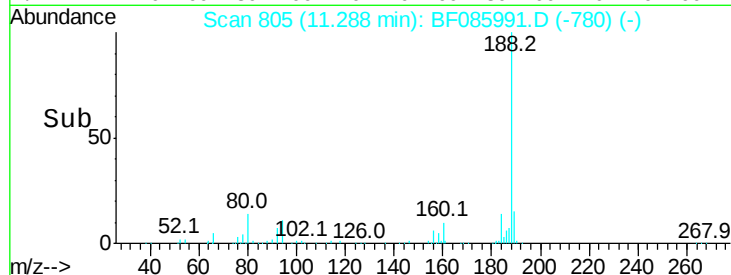
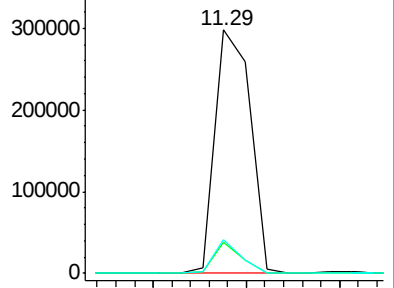
Sohil
4/4/2016 7:37:55 PM



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: 38.72 ng

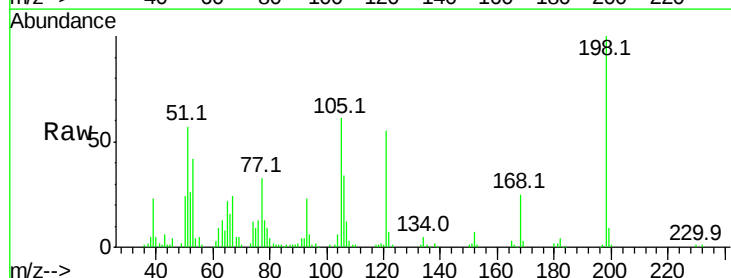
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

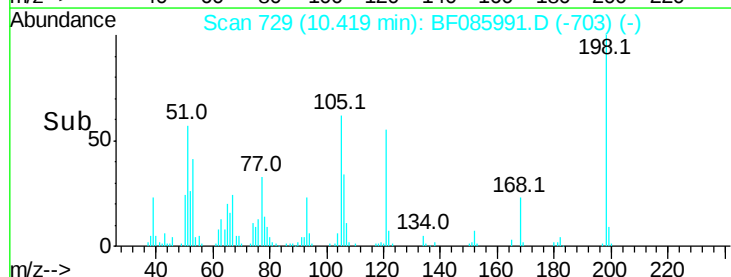
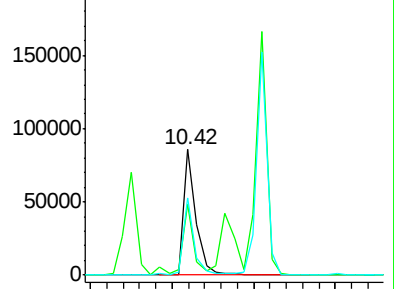
Tgt Ion:	198	Resp:	91827
Ion Ratio	Lower	Upper	
198	100		
51	56.6	45.4	85.4
105	61.3	45.9	85.9

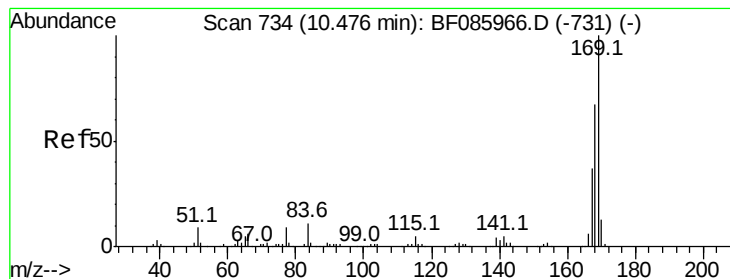


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





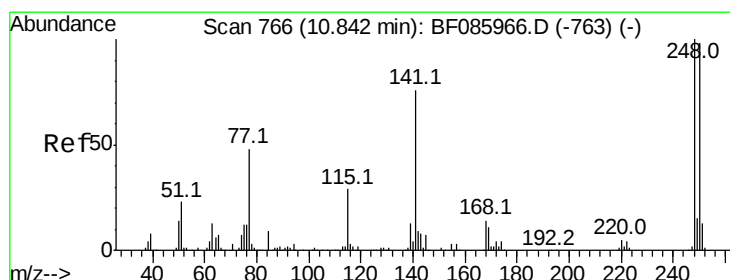
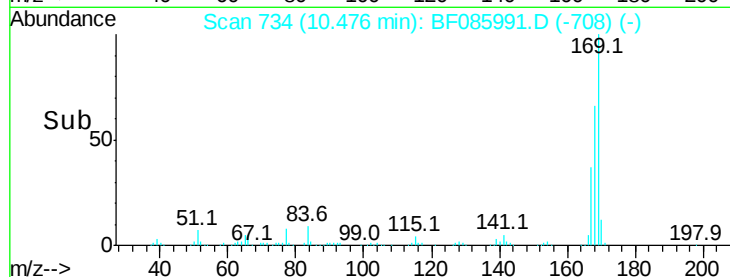
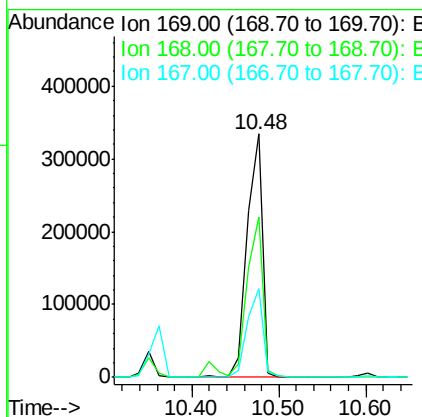
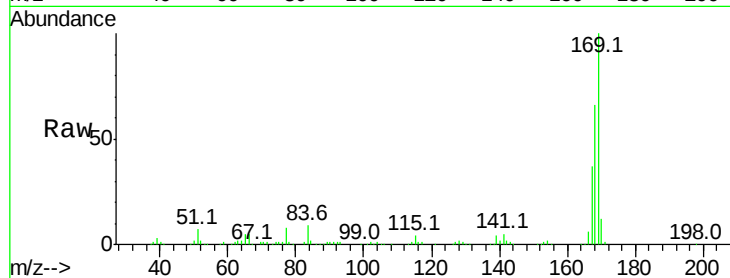
#65
n-Nitrosodiphenylamine
Concen: 33.76 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	54.4	81.6	
167	36.7	29.4	44.0	

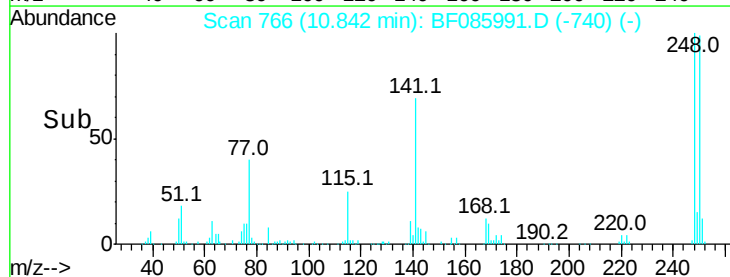
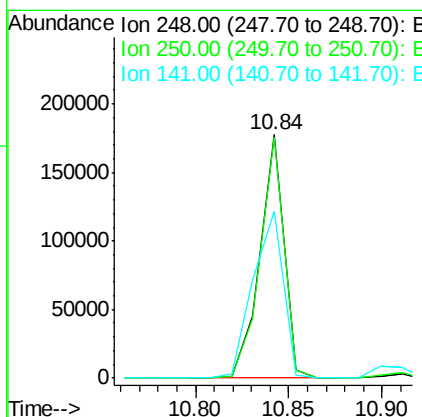
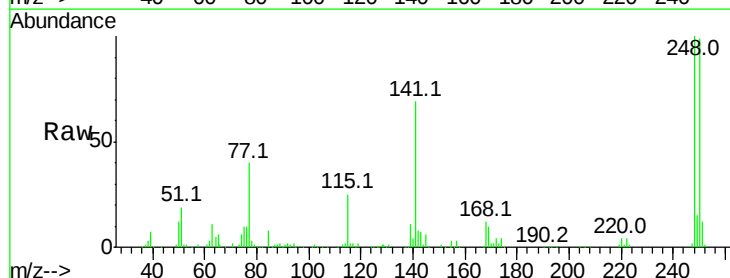
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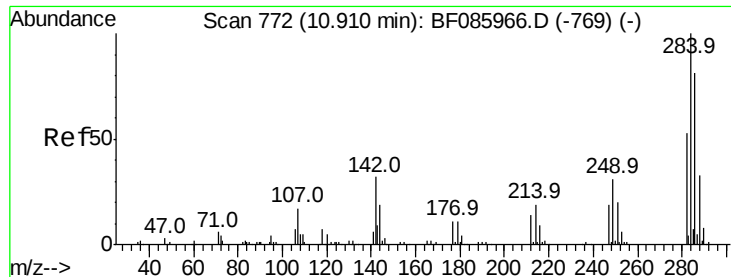
Sohil
4/4/2016 7:37:55 PM



#66
4-Bromophenyl-phenylether
Concen: 39.56 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.0	77.4	116.0	
141	68.6	63.6	95.4	





#67

Hexachlorobenzene

Concen: 41.53 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

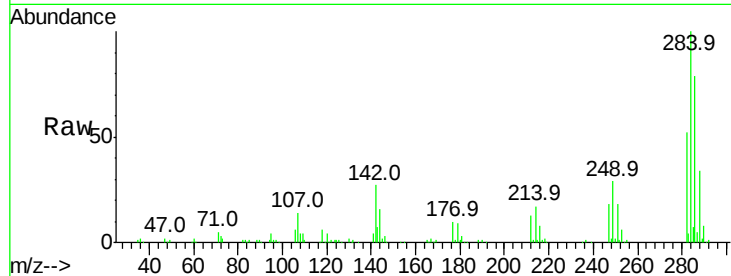
ClientSampleID :

PB89385BSD

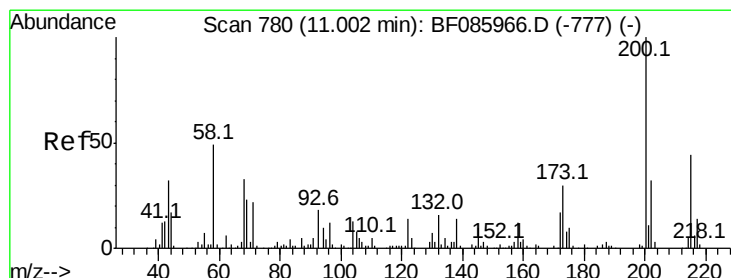
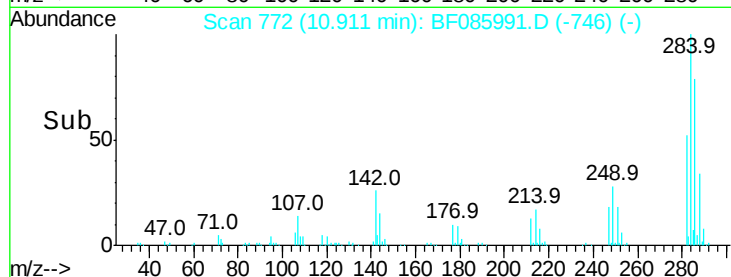
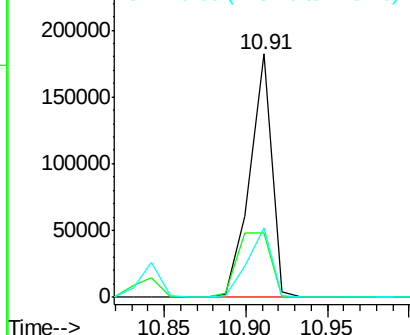
Tot Ion:	284	Resp:	171595
Ion Ratio		Lower	Upper
284	100		
142	26.7	23.1	34.7
249	28.6	24.2	36.2

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



#68

Atrazine

Concen: 23.60 ng

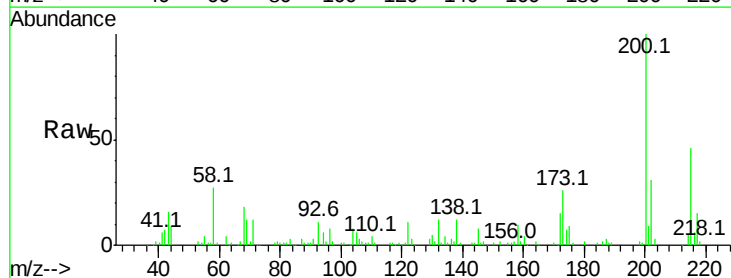
RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

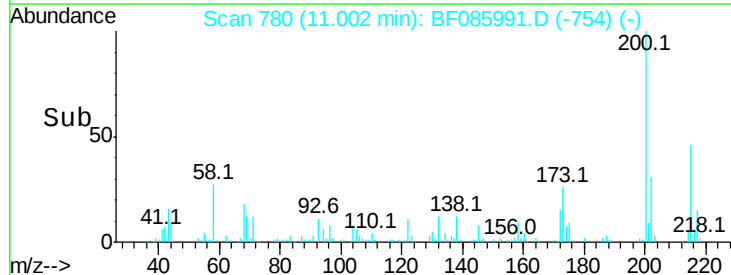
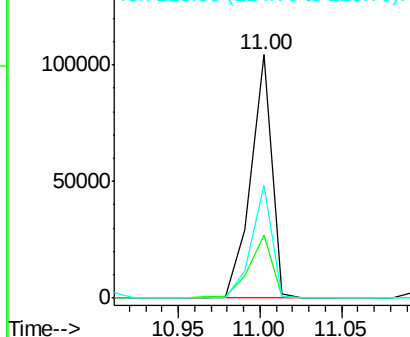
Lab File: BF085991.D

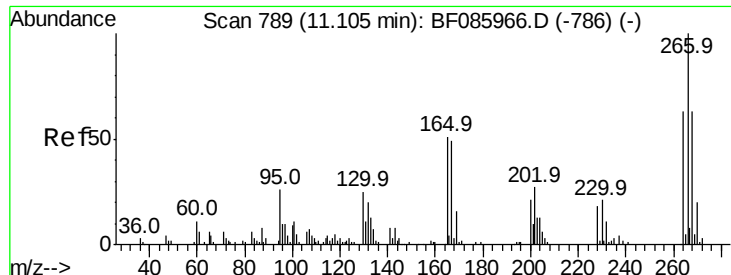
Acq: 2 Apr 2016 5:28

Tgt Ion:	200	Resp:	93348
Ion Ratio		Lower	Upper
200	100		
173	25.9	7.7	47.7
215	46.4	25.4	65.4



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





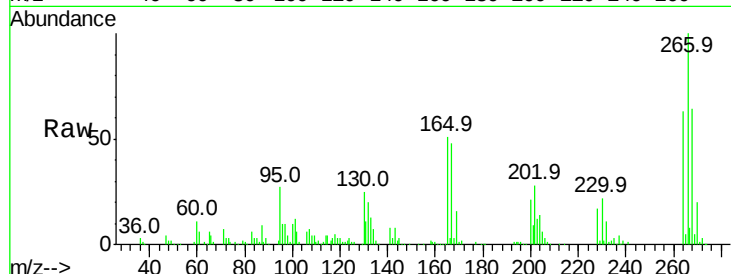
#69
 Pentachlorophenol
 Concen: 80.53 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

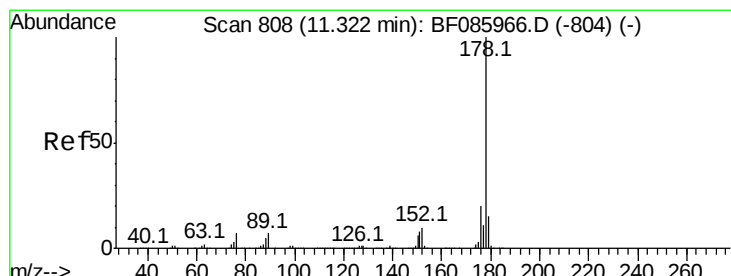
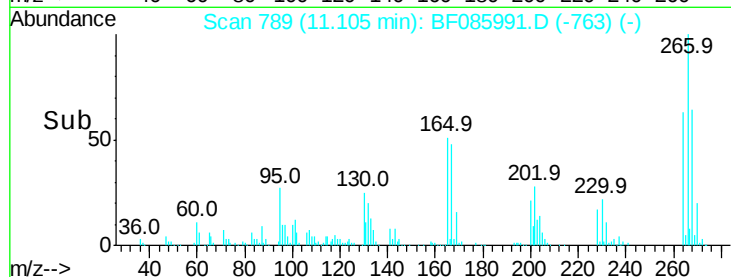
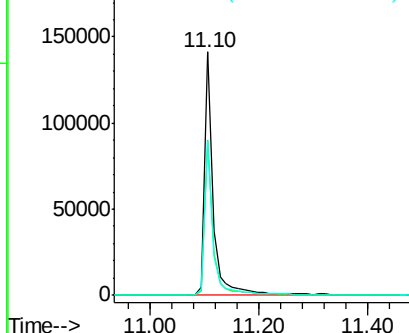
Tot Ion	Ratio	Resp	Lower	Upper
266	100	155946		
268	63.9	51.5	77.3	
264	63.2	50.6	76.0	

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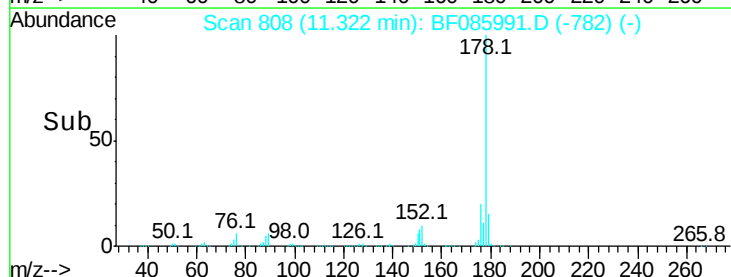
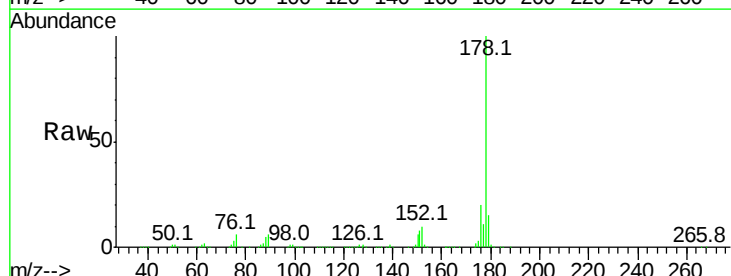
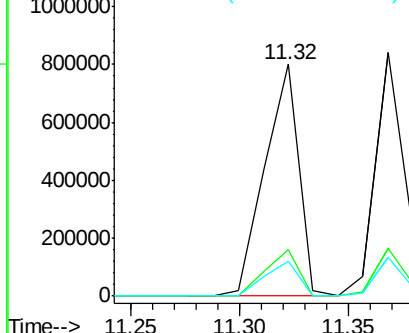
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

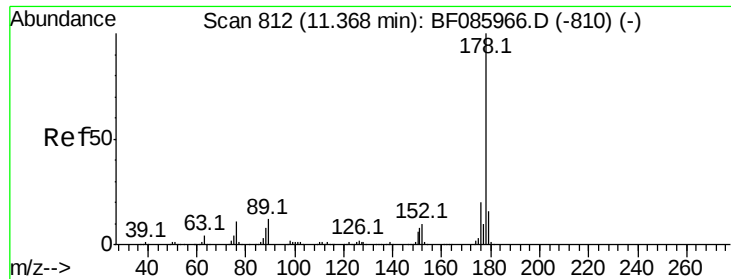


#70
 Phenanthrene
 Concen: 41.02 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	875891		
176	19.8	16.3	24.5	
179	15.2	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





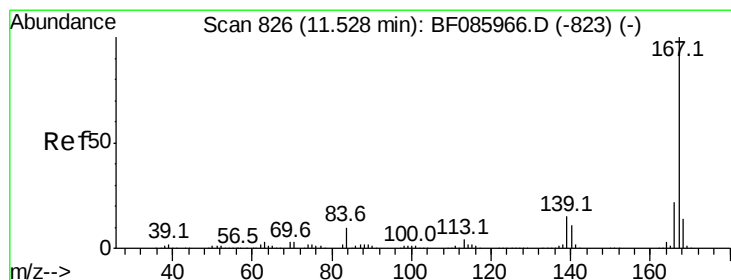
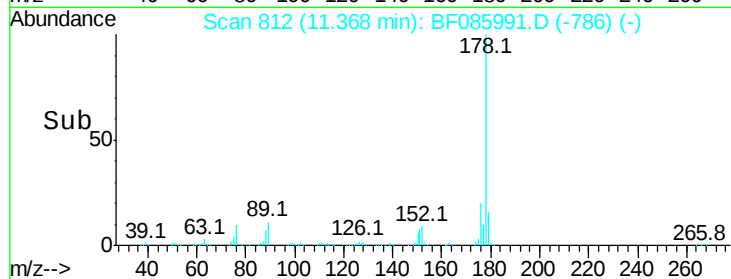
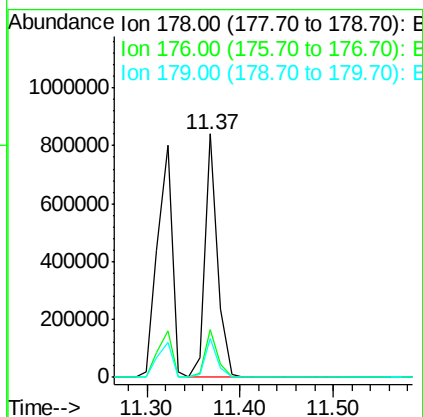
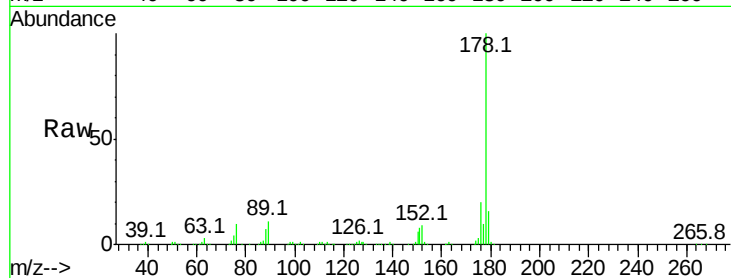
#71
 Anthracene
 Concen: 35.73 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	13.0	19.4

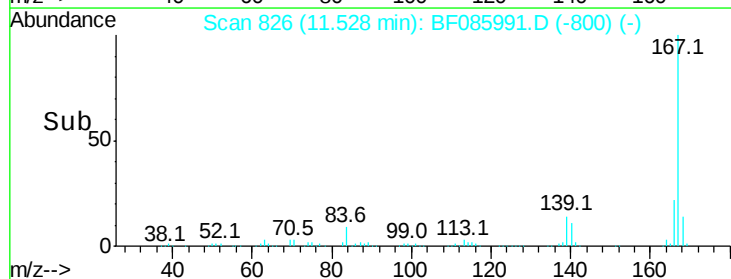
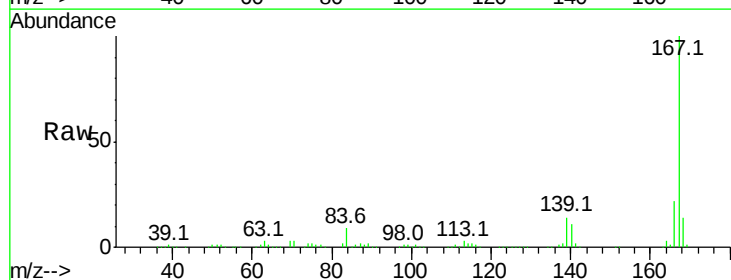
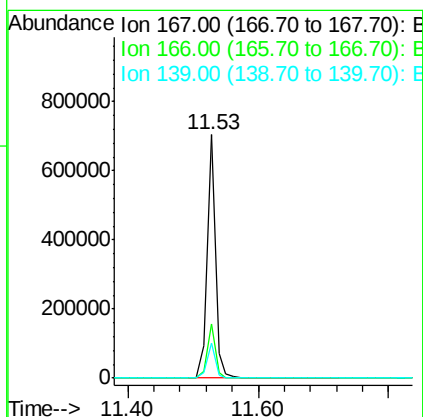
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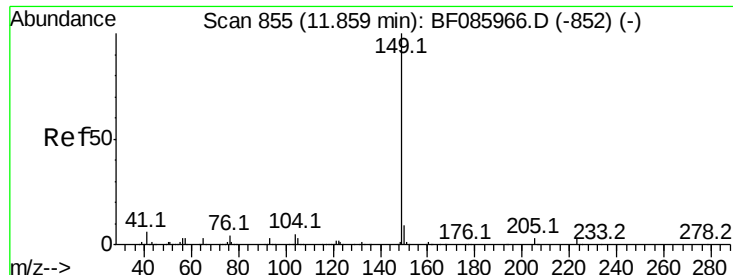
Sohil
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#72
 Carbazole
 Concen: 32.14 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	14.3	11.6	17.4





#73

Di-n-butylphthalate

Concen: 42.51 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

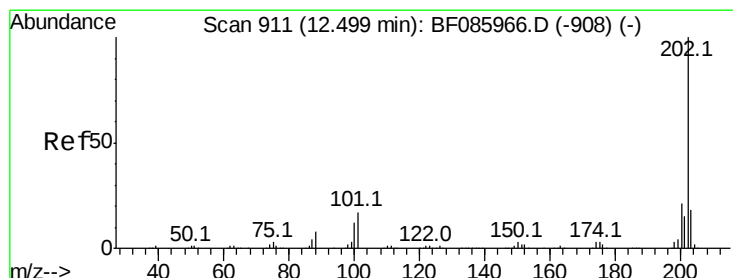
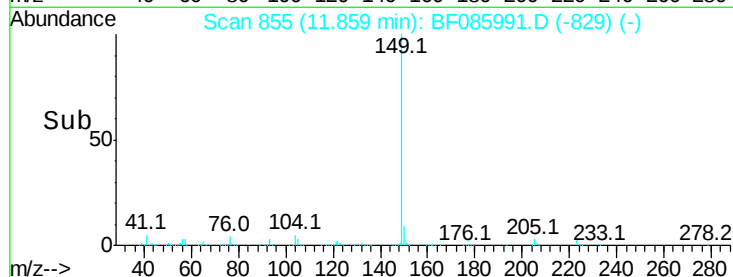
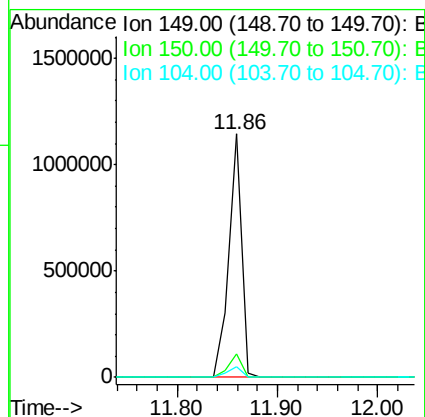
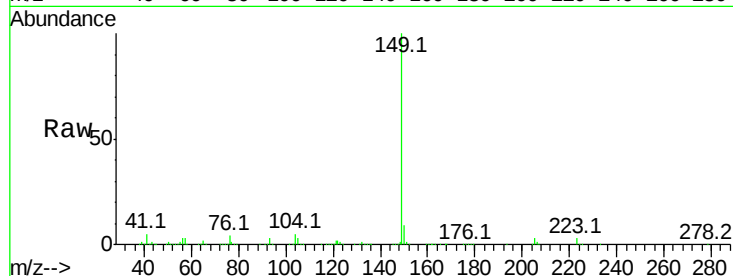
ClientSampleId :

PB89385BSD

Manual Integrations
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Tot Ion:	149	Resp:	1012722
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.6	3.8	5.8



#74

Fluoranthene

Concen: 37.53 ng

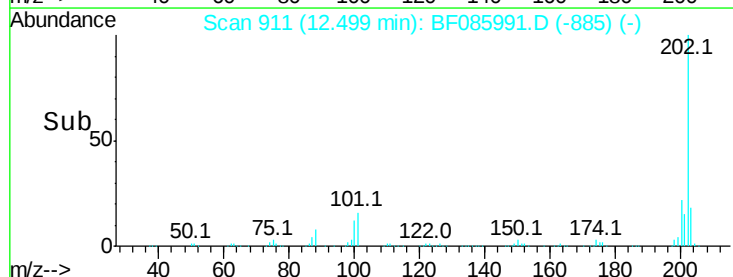
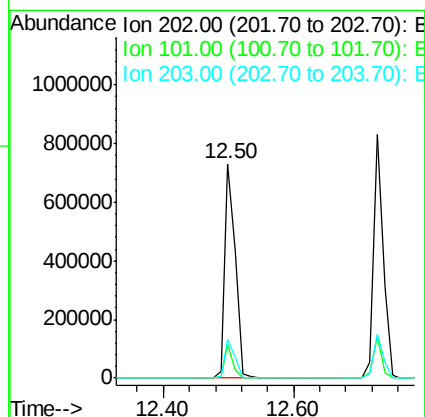
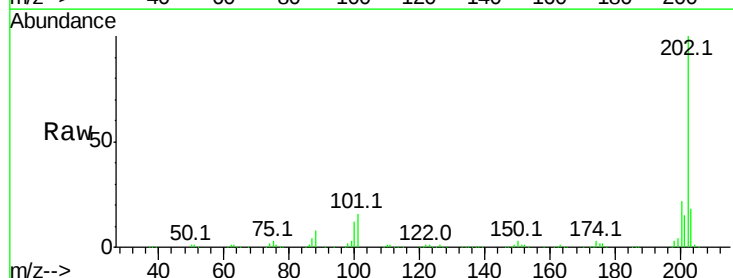
RT: 12.50 min Scan# 911

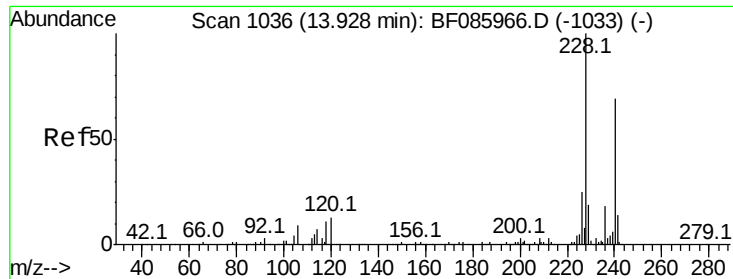
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	202	Resp:	833538
Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	36.6
203	18.1	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: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

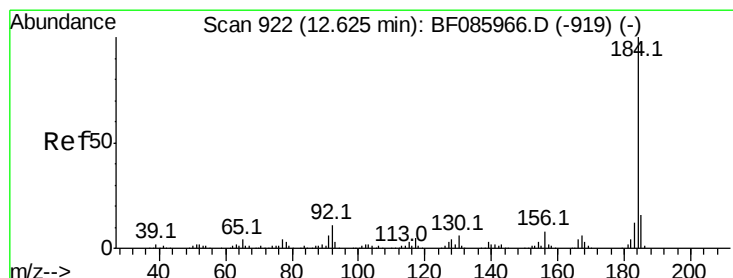
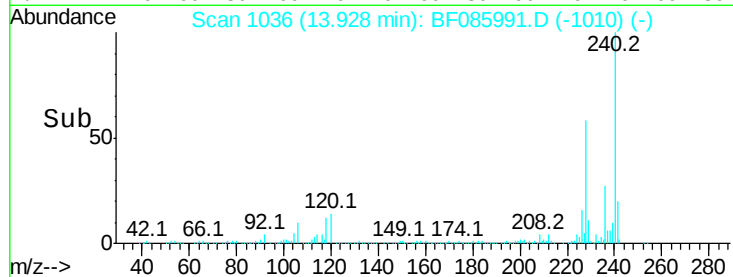
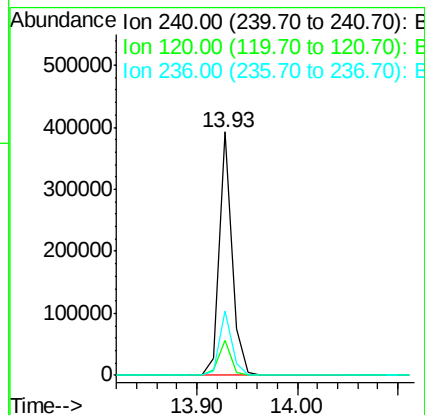
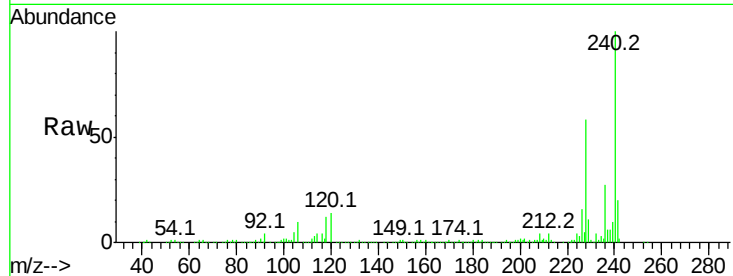
ClientSampleId :

PB89385BSD

Tot Ion:	240	Resp:	346043
Ion Ratio	Lower	Upper	
240	100		
120	14.2	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 2.95 ng

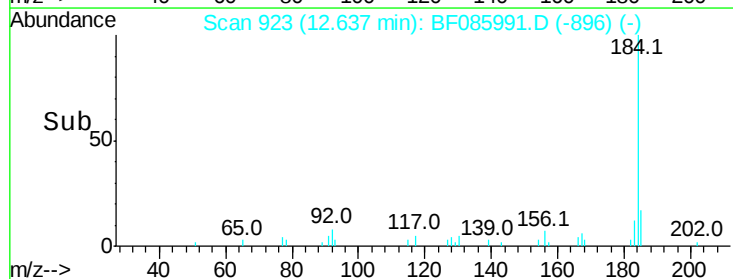
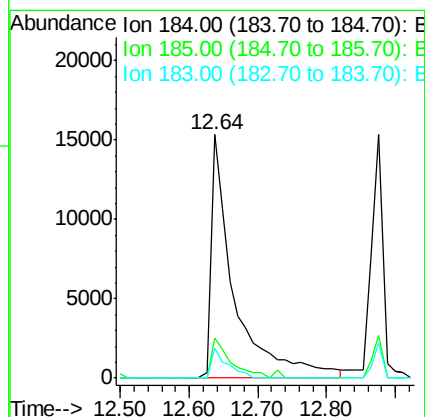
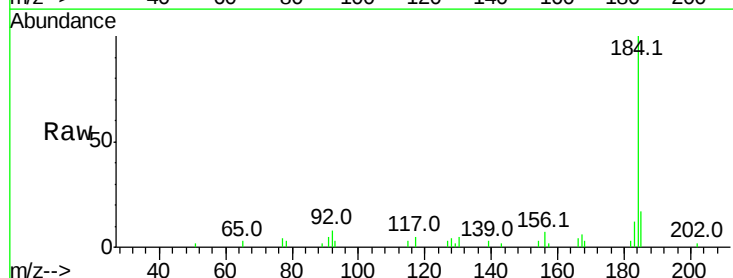
RT: 12.64 min Scan# 923

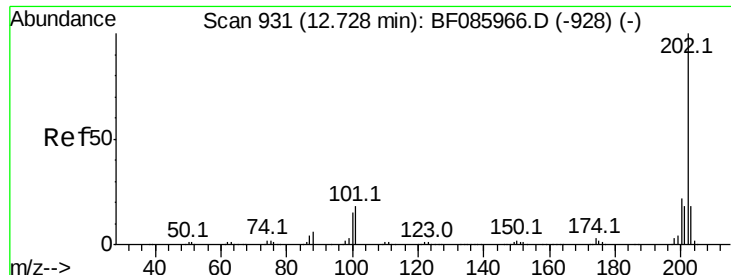
Delta R.T. 0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	184	Resp:	35956
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.4	18.6
183	12.1	9.4	14.2





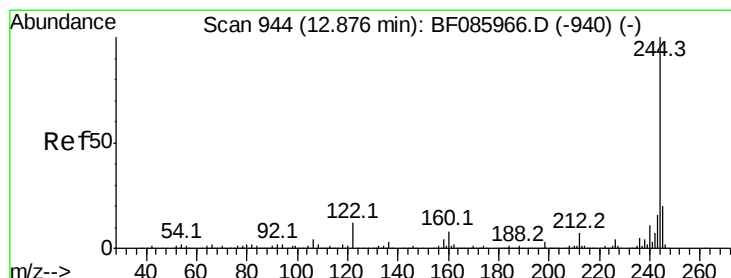
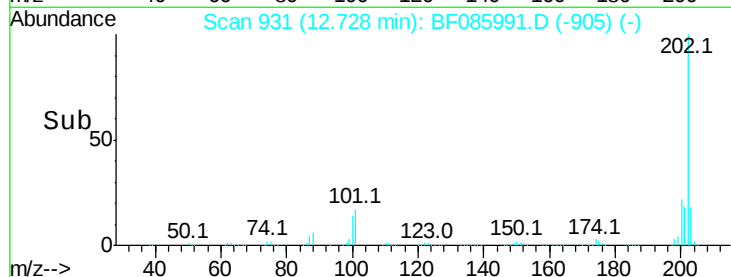
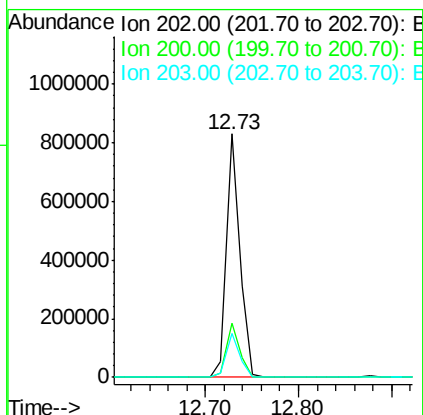
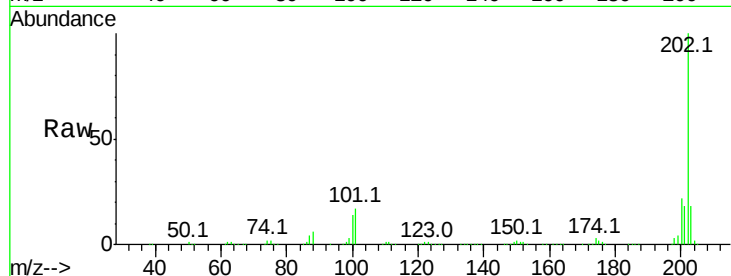
#77
Pvrene
Concen: 34.30 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0

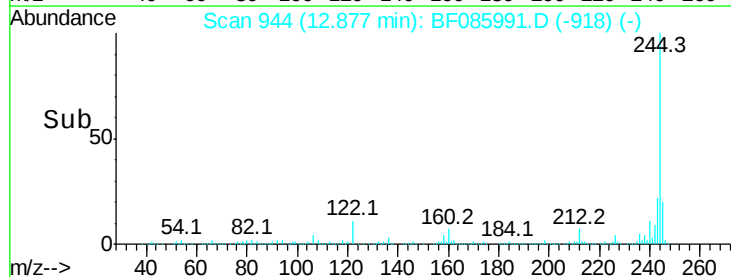
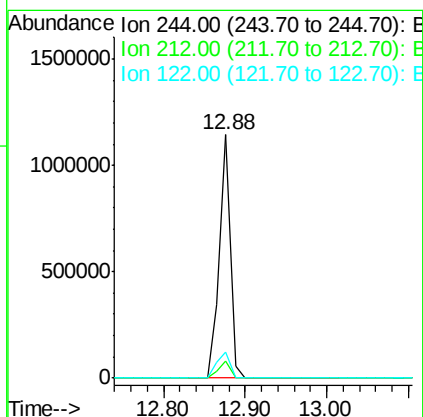
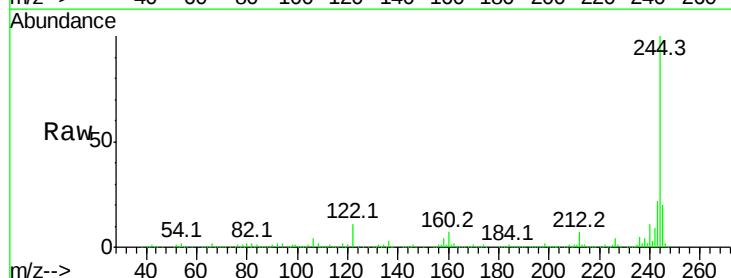
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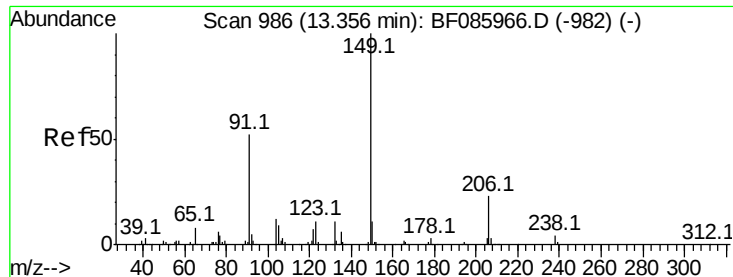
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#78
Terphenyl-d14
Concen: 72.65 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

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





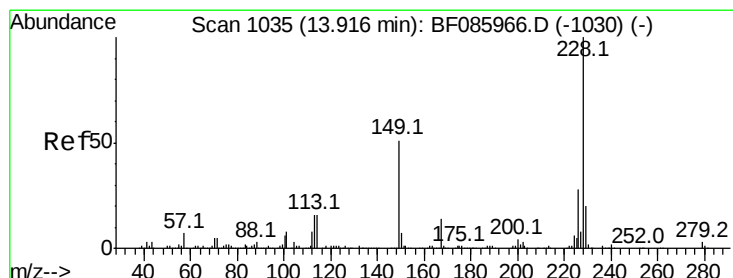
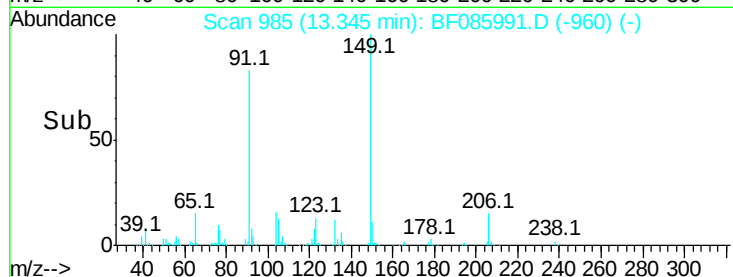
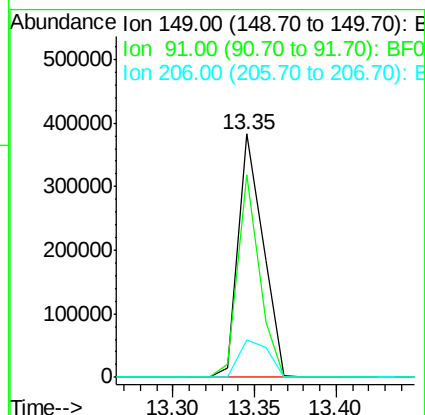
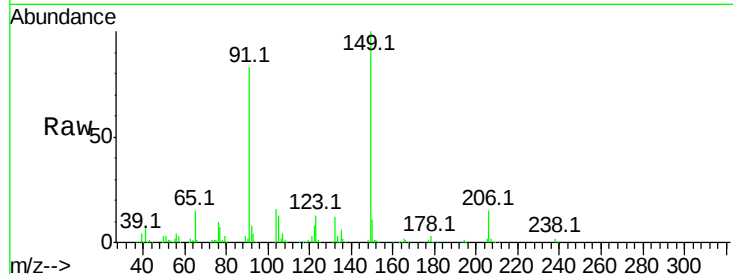
#79
Butylbenzylphthalate
Concen: 36.60 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.2	45.8	68.8#
206	15.4	17.8	26.8#

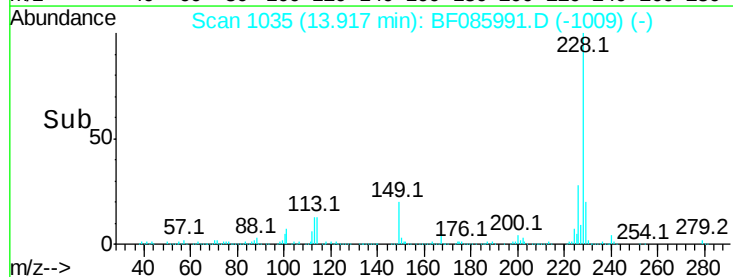
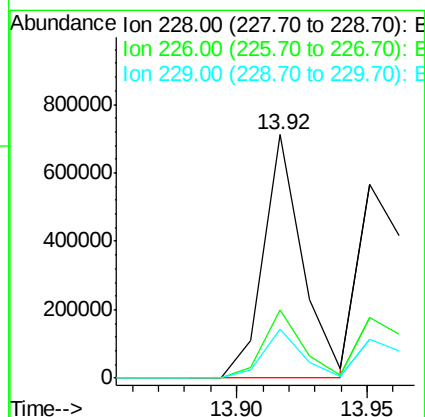
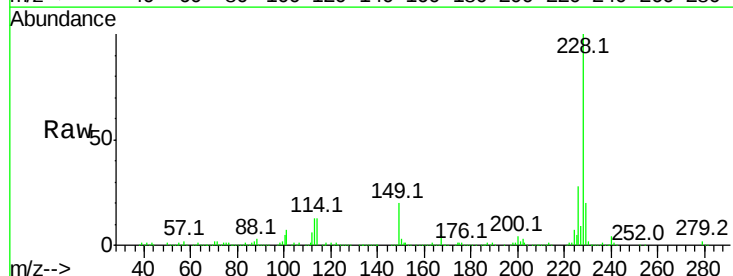
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 36.26 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085991.D
Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.1	33.1
229	19.9	16.2	24.4





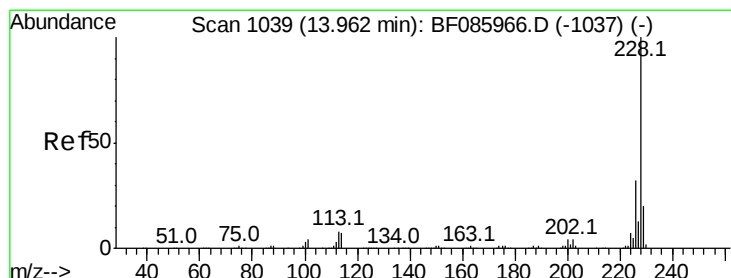
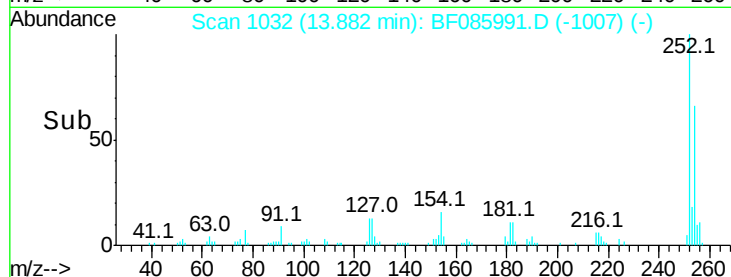
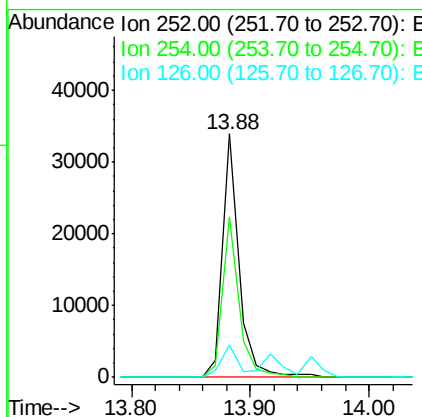
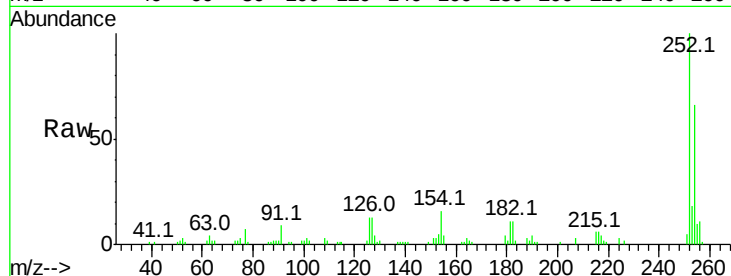
#81
 3,3'-Dichlorobenzidine
 Concen: 2.19 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.7	76.1
126	13.4	11.8	17.6

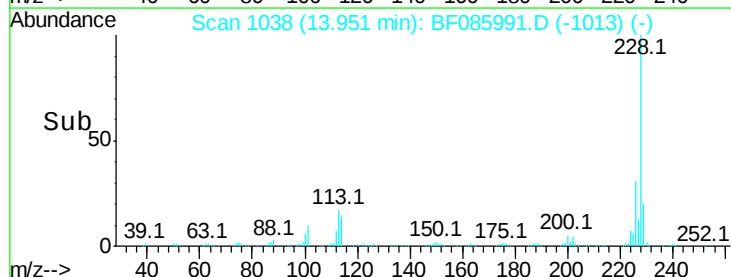
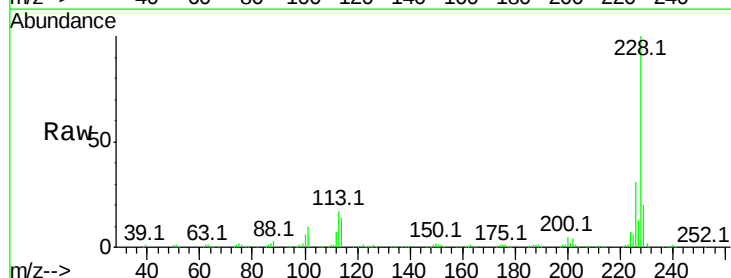
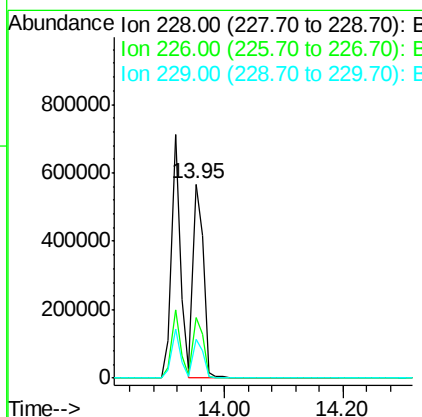
Manual Integrations
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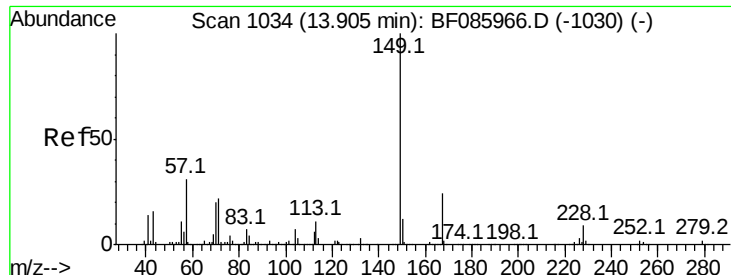
Sohil
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#82
 Chrysene
 Concen: 35.64 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.48 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

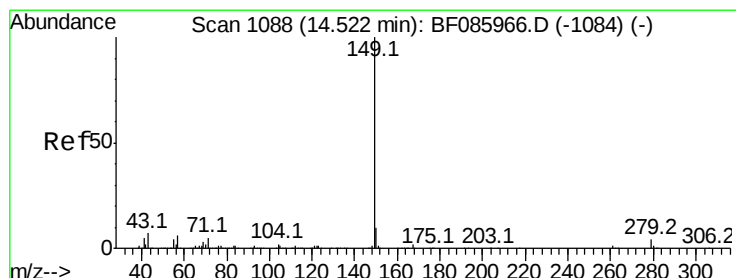
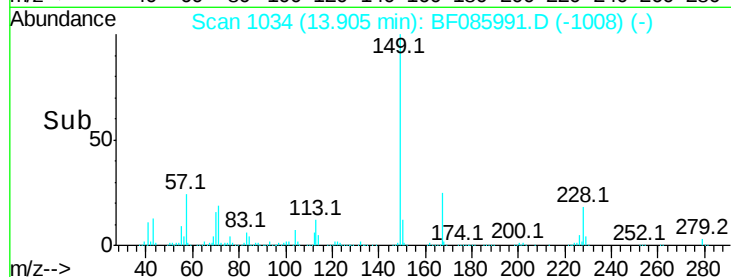
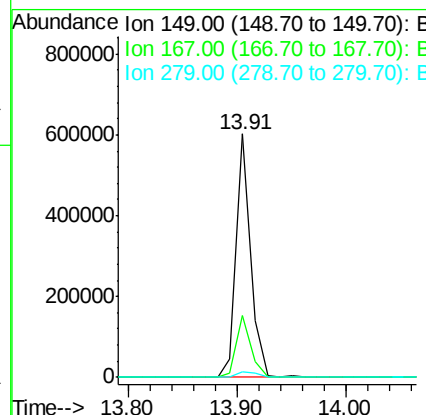
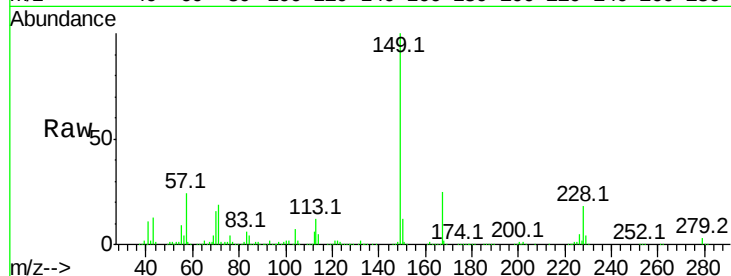
ClientSampleId :

PB89385BSD

Tot Ion:	149	Resp:	546214
Ion Ratio		Lower	Upper
149	100		
167	25.2	19.4	29.2
279	2.5	1.5	2.3#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.47 ng

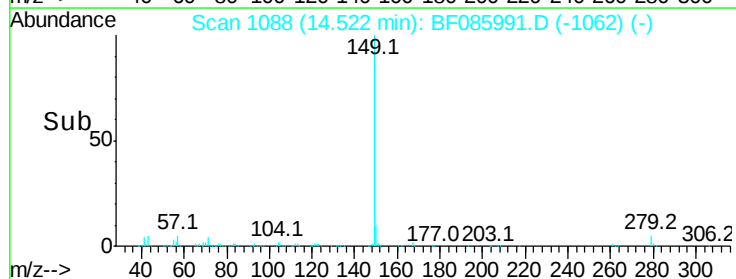
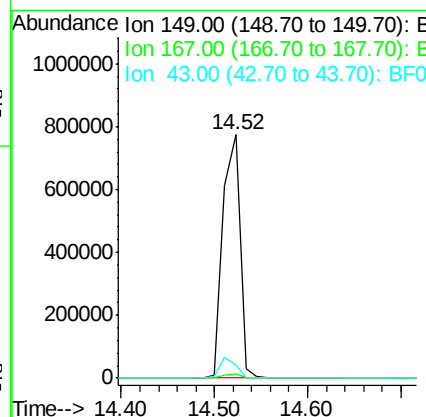
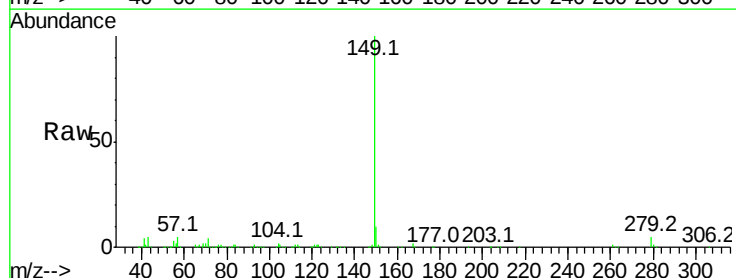
RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	149	Resp:	988278
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.2	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.70 ng

RT: 16.69 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

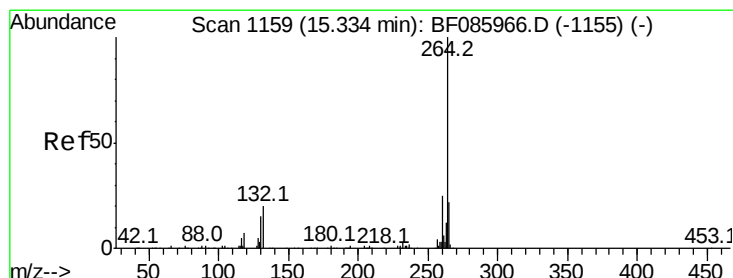
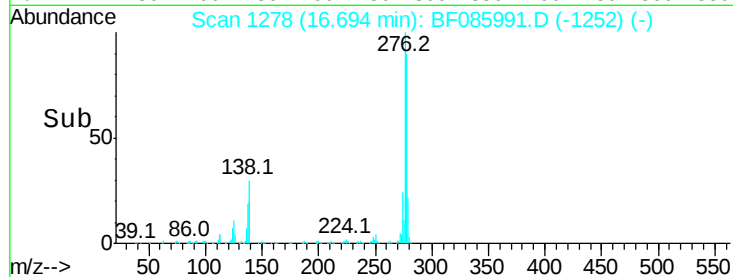
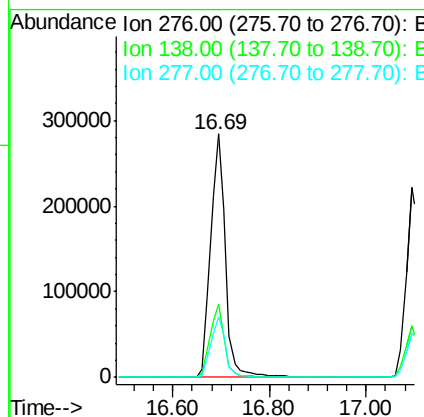
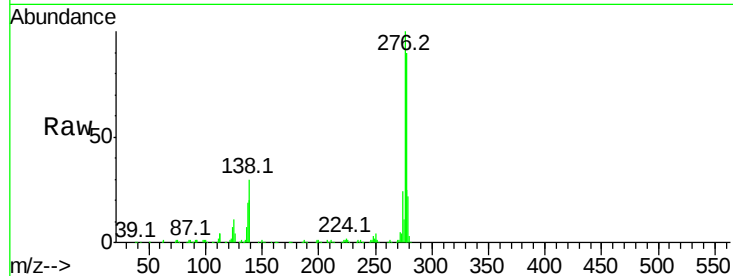
ClientSampleId :

PB89385BSD

Tot Ion:	276	Resp:	616954
Ion Ratio	Lower	Upper	
276	100		
138	29.3	24.2	36.4
277	24.8	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

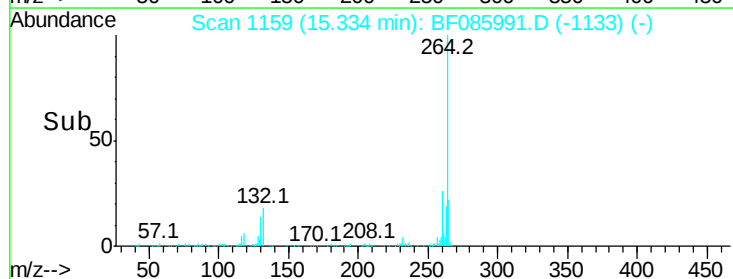
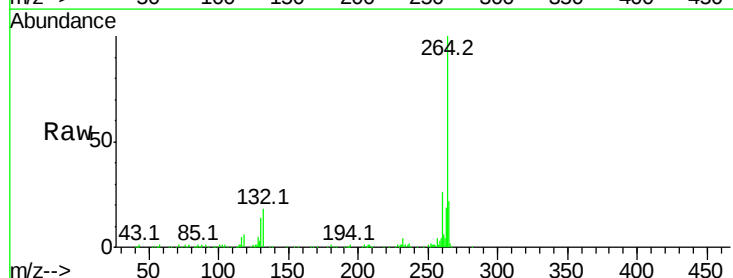
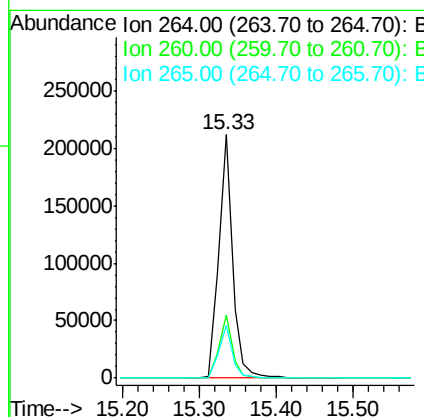
RT: 15.33 min Scan# 1159

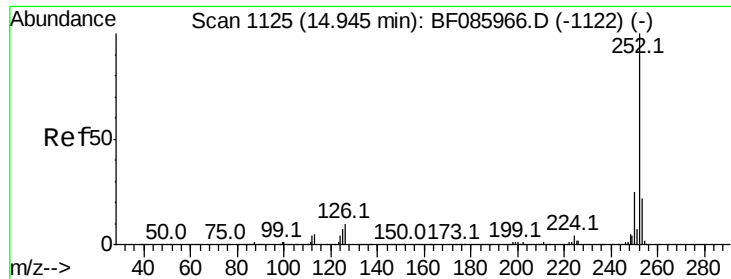
Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	264	Resp:	265866
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 54.19 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

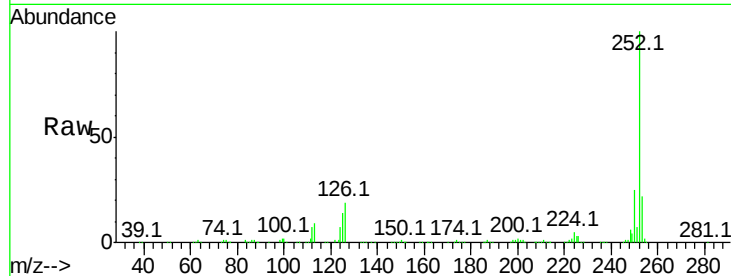
ClientSampleId :

PB89385BSD

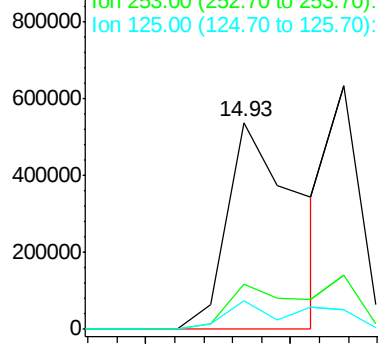
Tot Ion:	252	Resp:	906386
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	13.7	10.3	15.5

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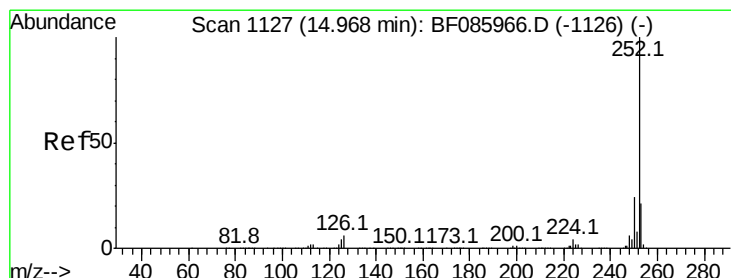
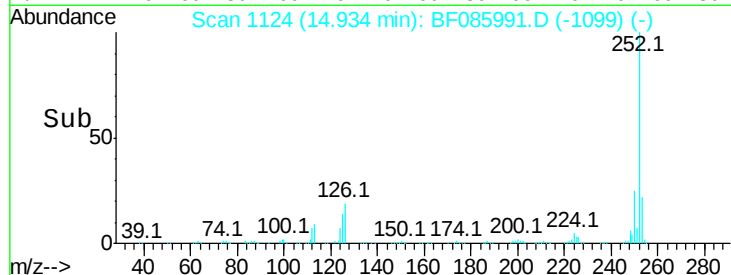
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 33.97 ng m

RT: 14.97 min Scan# 1127

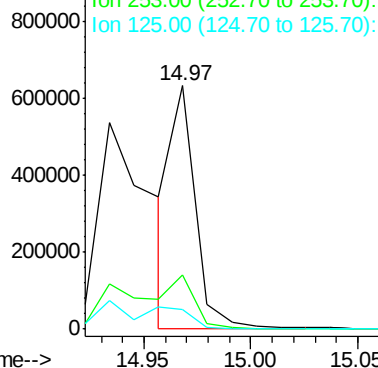
Delta R.T. 0.00 min

Lab File: BF085991.D

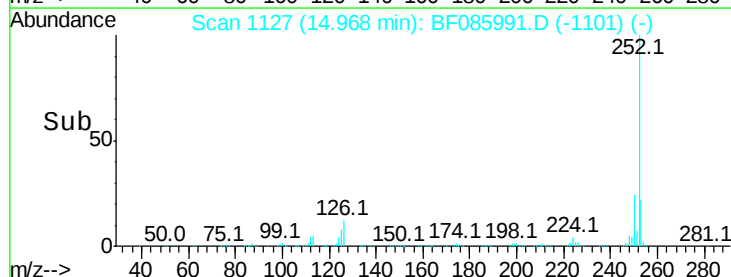
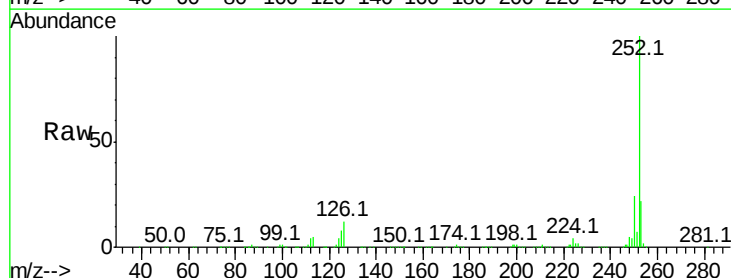
Acq: 2 Apr 2016 5:28

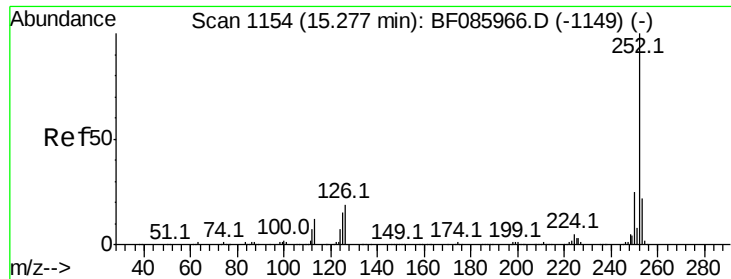
Tgt Ion:	252	Resp:	503161
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	8.1	7.7	11.5

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



Time-->





#89

Benzo(a)pyrene

Concen: 43.20 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Instrument :

BNA_F

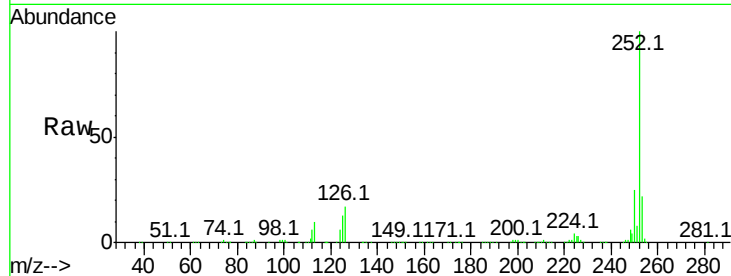
ClientSampleId :

PB89385BSD

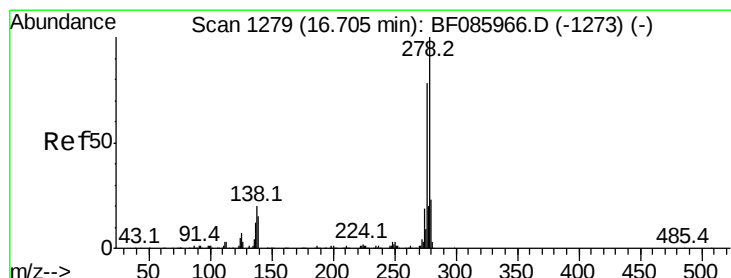
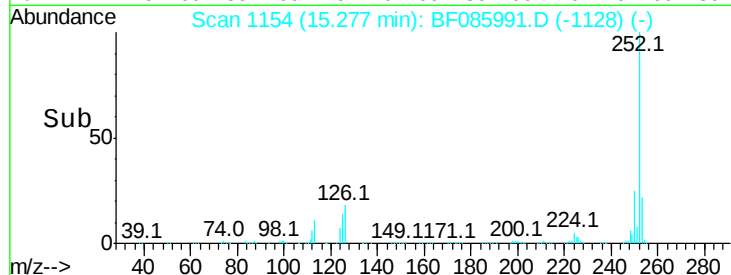
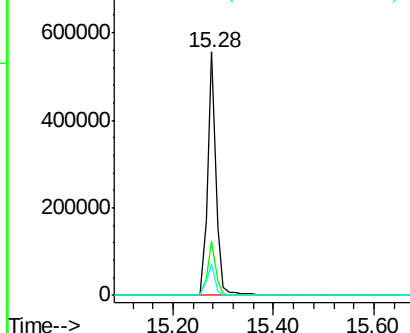
Tot Ion:	252	Resp:	640116
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.8	10.3	15.5

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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



#90

Dibenzo(a,h)anthracene

Concen: 44.37 ng

RT: 16.71 min Scan# 1279

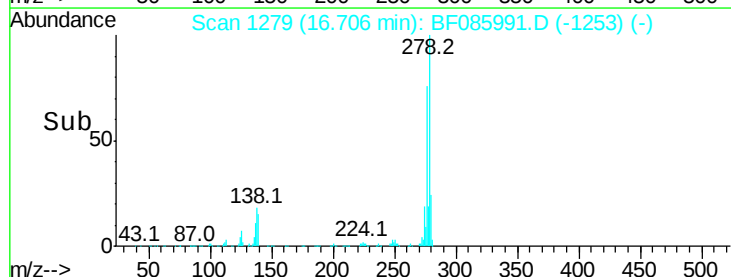
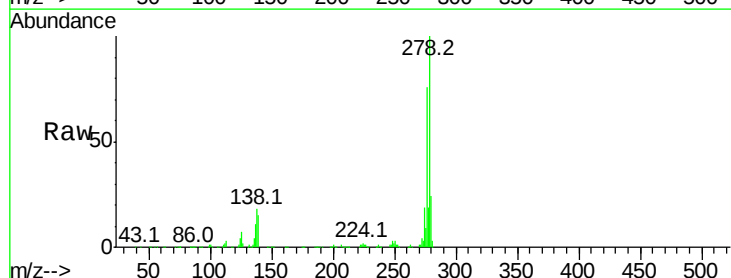
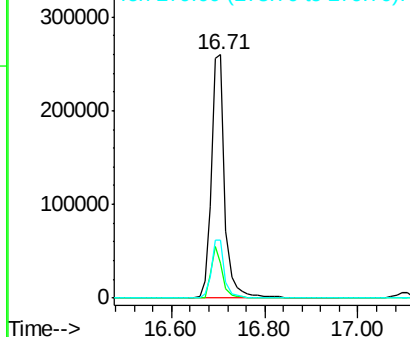
Delta R.T. 0.00 min

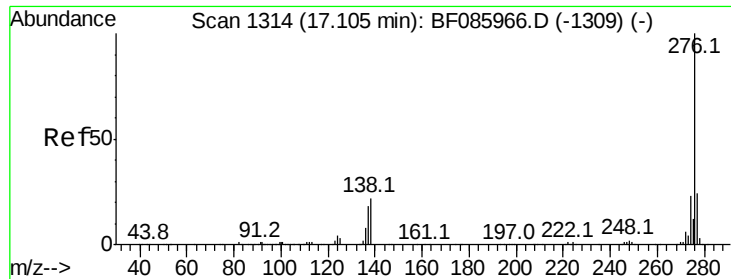
Lab File: BF085991.D

Acq: 2 Apr 2016 5:28

Tgt Ion:	278	Resp:	528944
Ion Ratio		Lower	Upper
278	100		
139	14.6	14.4	21.6
279	24.0	19.1	28.7

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





#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085991.D
 Acq: 2 Apr 2016 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89385BSD

Tot Ion:	276	Resp:	475858
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.8	28.2
138	27.1	22.6	34.0

Manual Integrations
 APPROVED

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 4/4/2016 7:37:55 PM

