

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085666.D
 Acq On : 22 Mar 2016 18:46
 Operator : UM/SJ
 Sample : PB89079BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Manual Integrations
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Sohil
 3/23/2016 1:30:08 PM

Quant Time: Mar 23 01:23:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135283	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	534275	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	280263	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	542925	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	434781	20.00	ng	-0.02
86) Perylene-d12	15.41	264	300678	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	823921	102.30	ng	-0.01
7) Phenol-d6	6.47	99	1072773	103.85	ng	-0.02
23) Nitrobenzene-d5	7.40	82	709366	77.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	277970	101.25	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1299590	77.32	ng	-0.02
78) Terphenyl-d14	12.94	244	1217471	67.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	115148	29.41	ng	96
3) Pyridine	3.22	79	287433	29.90	ng	100
4) n-Nitrosodimethylamine	3.17	42	131867	32.86	ng	100
6) Aniline	6.49	93	227709	16.41	ng	# 80
8) 2-Chlorophenol	6.62	128	344803	37.01	ng	97
9) Benzaldehyde	6.38	77	49482	7.38	ng	96
10) Phenol	6.48	94	354439	30.12	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	330227	37.23	ng	99
12) 1,3-Dichlorobenzene	6.77	146	343761m	33.86	ng	
13) 1,4-Dichlorobenzene	6.85	146	347977	33.60	ng	99
14) 1,2-Dichlorobenzene	7.01	146	337279	36.68	ng	98
15) Benzyl Alcohol	6.98	79	272610	38.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.11	45	407912	34.97	ng	97
17) 2-Methylphenol	7.10	107	297023	38.46	ng	99
18) Hexachloroethane	7.35	117	127653	34.14	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	218509	35.41	ng	93
20) 3+4-Methylphenols	7.25	107	329890	36.88	ng	95
22) Acetophenone	7.25	105	423815	33.43	ng	# 98
24) Nitrobenzene	7.42	77	360316	35.76	ng	96
25) Isophorone	7.66	82	665455	36.11	ng	98
26) 2-Nitrophenol	7.74	139	198981	39.96	ng	97
27) 2,4-Dimethylphenol	7.77	122	320484	36.40	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	433316	41.34	ng	100
29) 2,4-Dichlorophenol	7.98	162	286559	39.41	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	282553	34.69	ng	98
31) Naphthalene	8.14	128	936544	34.73	ng	100
32) Benzoic acid	7.90	122	197626	26.84	ng	98
33) 4-Chloroaniline	8.20	127	86323	7.81	ng	98
34) Hexachlorobutadiene	8.26	225	154233	35.53	ng	98
35) Caprolactam	8.56	113	100642m	40.23	ng	
36) 4-Chloro-3-methylphenol	8.69	107	343517	40.45	ng	91
37) 2-Methylnaphthalene	8.84	142	684221	41.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	258614	30.42	ng	99
40) Hexachlorocyclopentadiene	8.98	237	246970	64.46	ng	99

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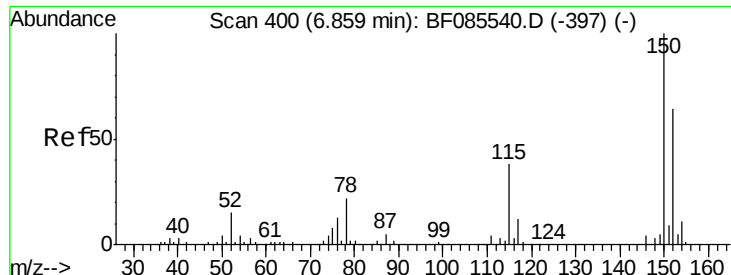
Manual Integrations
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Quant Time: Mar 23 01:23:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	193390	33.23	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	208142	35.14	ng #	87
45) 1,1'-Biphenyl	9.29	154	761365	31.49	ng	99
46) 2-Chloronaphthalene	9.33	162	617595	34.97	ng	99
47) 2-Nitroaniline	9.42	65	191340	35.81	ng	97
48) Acenaphthylene	9.74	152	1012873	35.44	ng	100
49) Dimethylphthalate	9.60	163	717186	33.91	ng	100
50) 2,6-Dinitrotoluene	9.66	165	151707	33.98	ng	94
51) Acenaphthene	9.91	154	615602	34.32	ng	99
52) 3-Nitroaniline	9.83	138	85479	15.29	ng	92
53) 2,4-Dinitrophenol	9.94	184	170247	62.24	ng #	70
54) Dibenzofuran	10.08	168	858158	39.29	ng	99
55) 4-Nitrophenol	10.00	139	272258	63.00	ng	97
56) 2,4-Dinitrotoluene	10.07	165	233867	40.01	ng #	76
57) Fluorene	10.42	166	681589	37.44	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	162421	38.09	ng	98
59) Diethylphthalate	10.30	149	706598	33.60	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	305618	34.38	ng	97
61) 4-Nitroaniline	10.45	138	183387	33.27	ng	93
62) Azobenzene	10.57	77	770336	38.18	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	114927	33.08	ng #	54
65) n-Nitrosodiphenylamine	10.54	169	630644	37.29	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	206120	38.00	ng	95
67) Hexachlorobenzene	10.97	284	219261	38.05	ng	96
68) Atrazine	11.06	200	213630	41.49	ng	100
69) Pentachlorophenol	11.17	266	229545	65.61	ng	100
70) Phenanthrene	11.38	178	1093973	38.21	ng	100
71) Anthracene	11.43	178	958321	31.93	ng	99
72) Carbazole	11.59	167	986898	38.11	ng	100
73) Di-n-butylphthalate	11.92	149	1221432	37.67	ng	99
74) Fluoranthene	12.56	202	1002706	33.45	ng	97
76) Benzidine	12.69	184	308100	21.07	ng	98
77) Pyrene	12.79	202	1018250	32.62	ng	99
79) Butylbenzylphthalate	13.41	149	487446	32.76	ng #	73
80) Benzo(a)anthracene	13.98	228	833456	33.02	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	125833	13.60	ng #	97
82) Chrysene	14.01	228	732882	30.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	584496	31.62	ng #	98
84) Di-n-octyl phthalate	14.59	149	1060329	35.20	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	569023	28.04	ng	99
87) Benzo(b)fluoranthene	15.01	252	769516m	39.22	ng	
88) Benzo(k)fluoranthene	15.03	252	547648m	33.88	ng	
89) Benzo(a)pyrene	15.35	252	609406	36.64	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	478907	34.52	ng	97
91) Benzo(g,h,i)perylene	17.21	276	471447	35.11	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

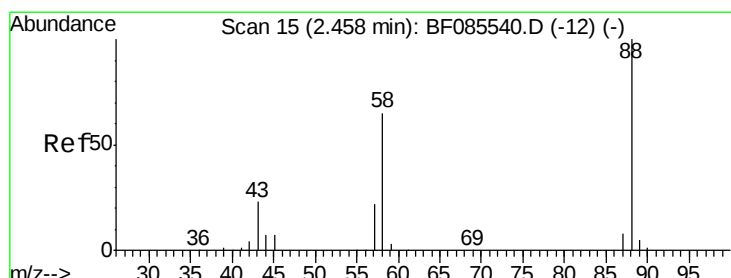
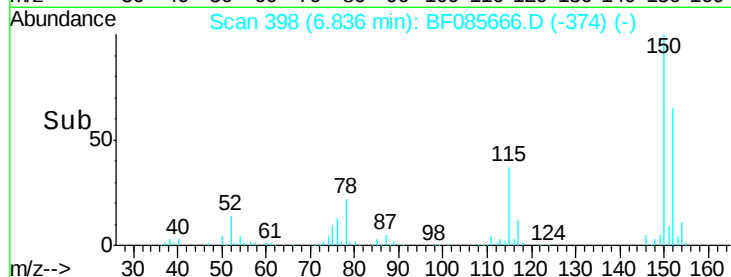
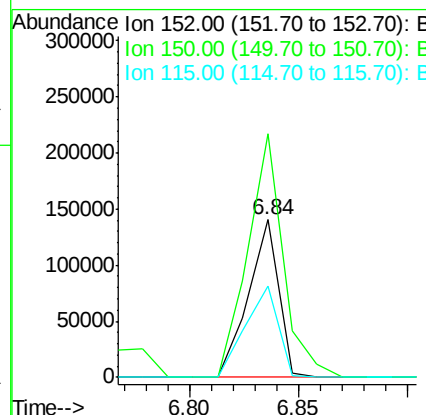
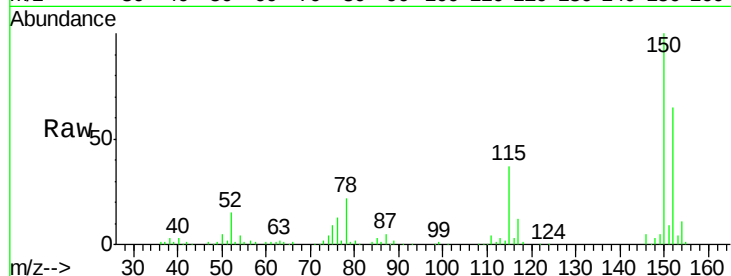
ClientSampleId :

PB89079BS

Tgt Ion:	152	Resp:	135283
Ion Ratio	Lower	Upper	
152	100		
150	154.4	124.2	186.2
115	57.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 29.41 ng

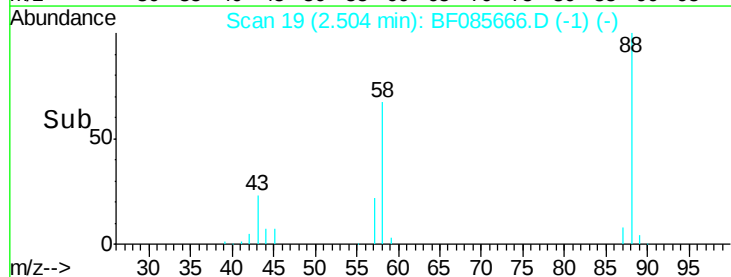
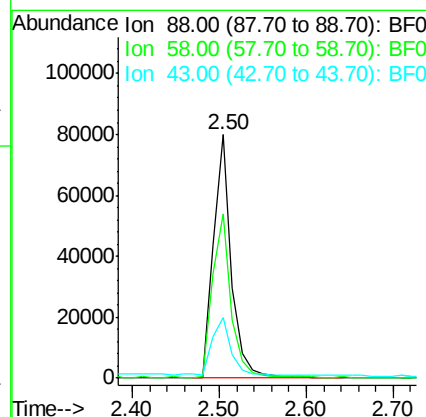
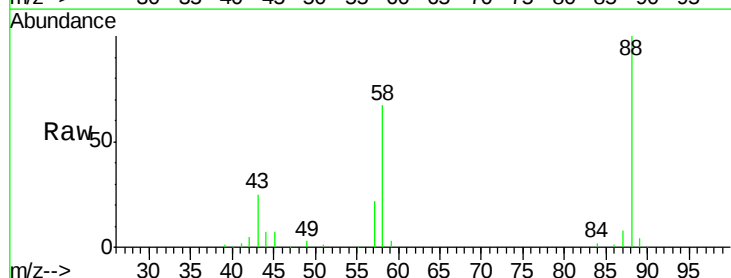
RT: 2.50 min Scan# 19

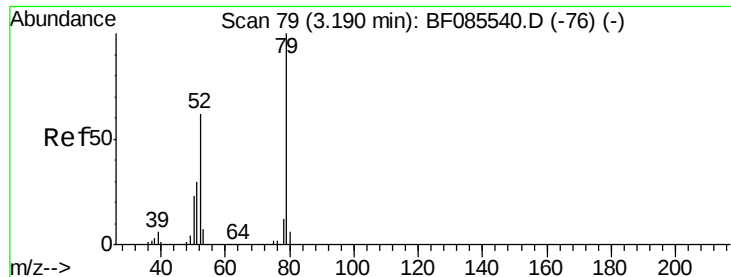
Delta R.T. 0.05 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	88	Resp:	115148
Ion Ratio	Lower	Upper	
88	100		
58	71.4	54.2	81.2
43	25.7	19.3	28.9





#3

Pyridine

Concen: 29.90 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

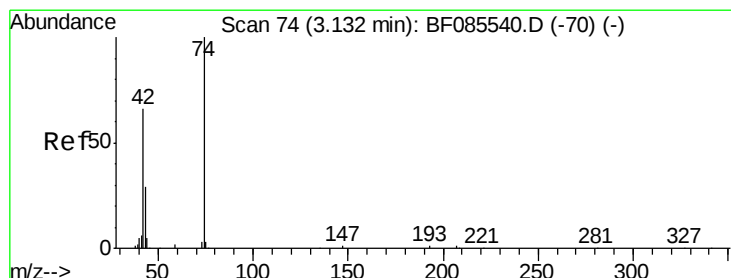
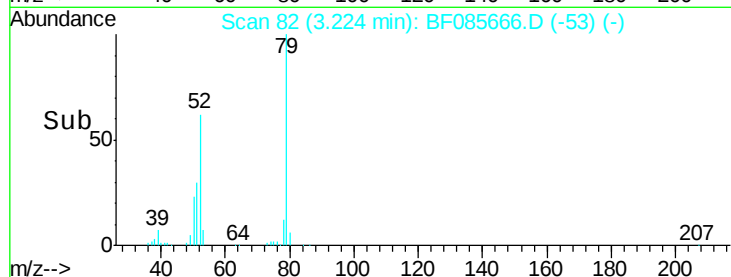
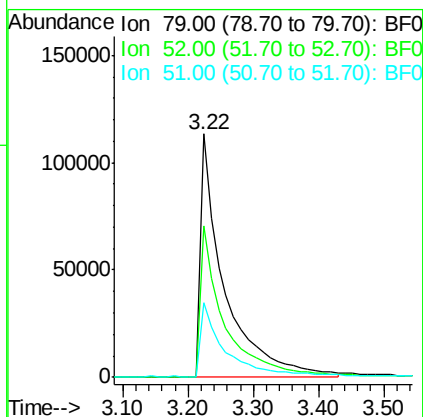
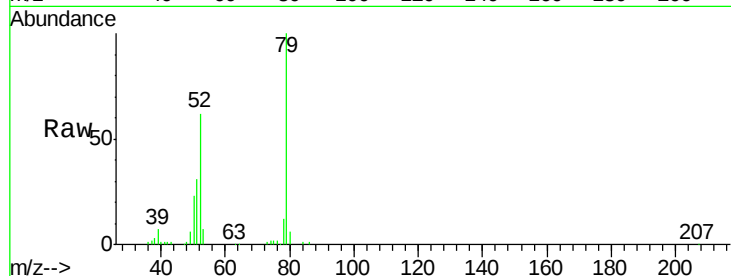
ClientSampleId :

PB89079BS

Tgt Ion:	79	Resp:	287433
Ion	Ratio	Lower	Upper
79	100		
52	62.0	49.8	74.6
51	30.9	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 32.86 ng

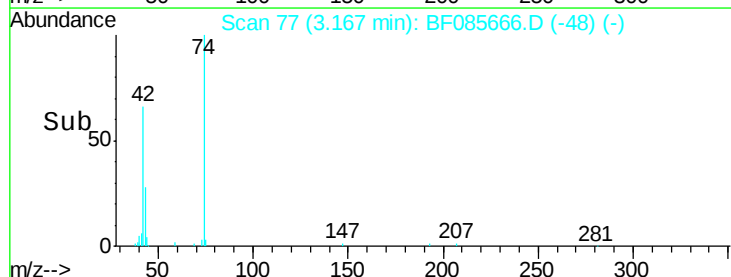
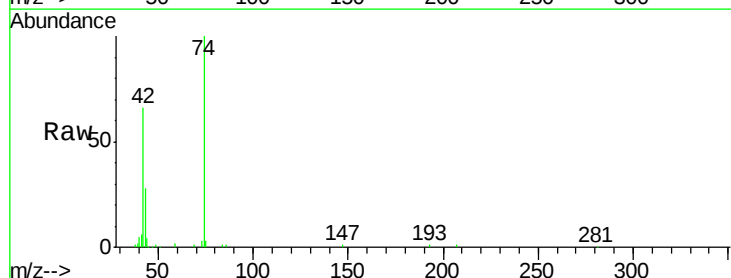
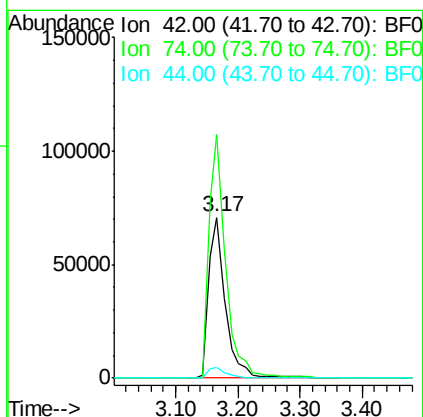
RT: 3.17 min Scan# 77

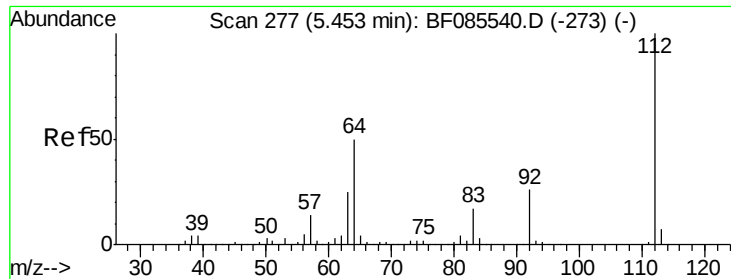
Delta R.T. 0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	42	Resp:	131867
Ion	Ratio	Lower	Upper
42	100		
74	151.5	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 102.30 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085666.D

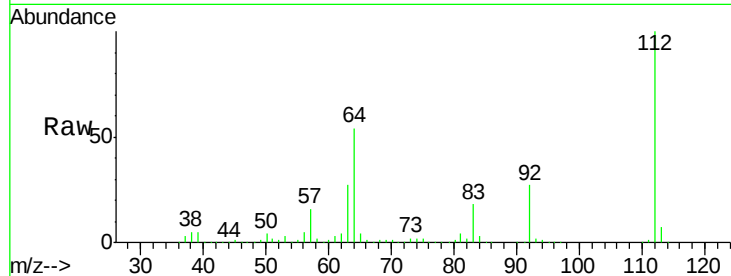
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampled :

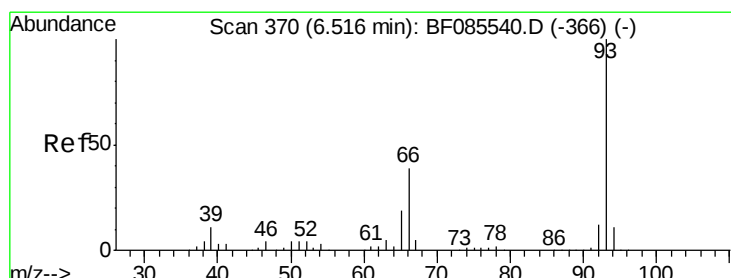
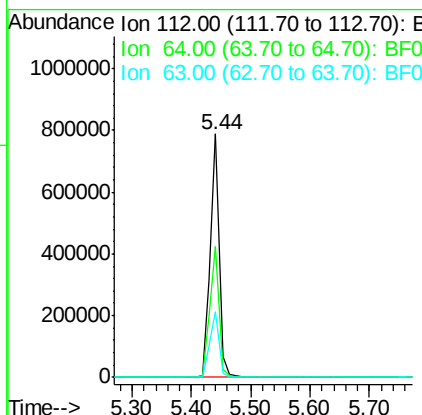
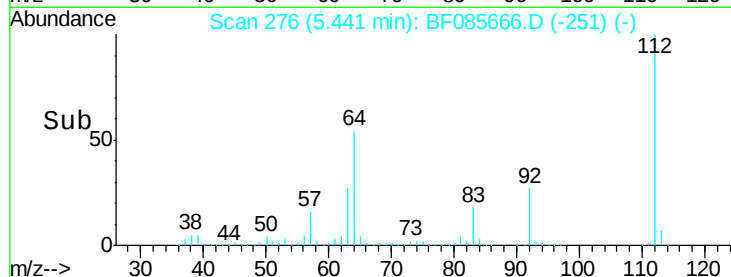
PB89079BS



Tgt Ion:	112	Resp:	823921
Ion Ratio	Lower	Upper	
112	100		
64	53.9	39.9	59.9
63	27.1	20.2	30.2

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#6

Aniline

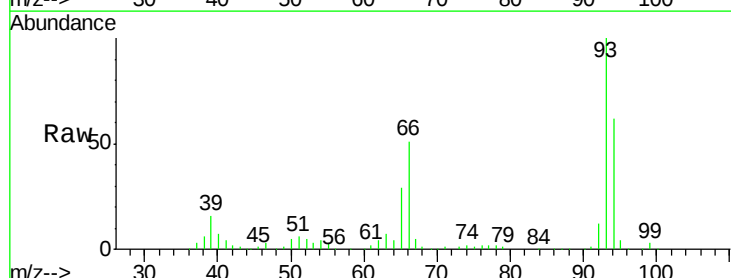
Concen: 16.41 ng

RT: 6.49 min Scan# 368

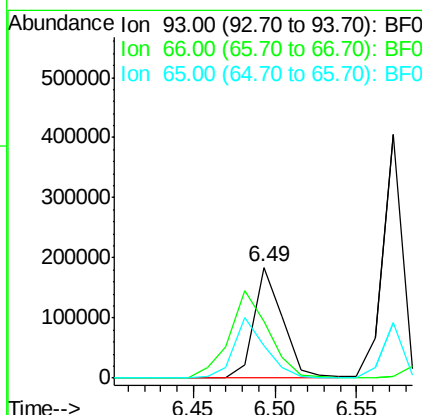
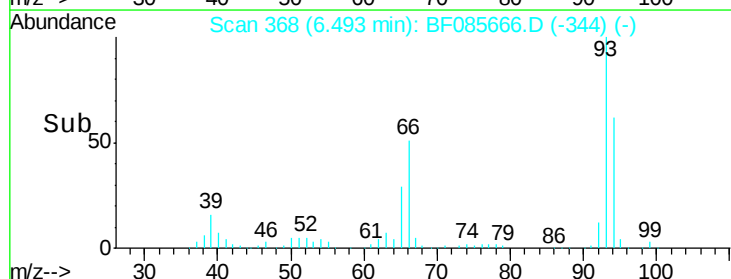
Delta R.T. -0.02 min

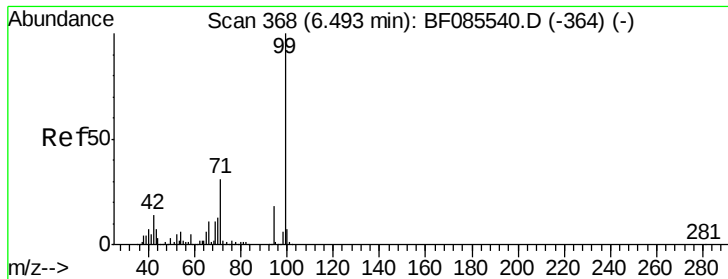
Lab File: BF085666.D

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Tgt Ion:	93	Resp:	227709
Ion Ratio	Lower	Upper	
93	100		
66	51.4	31.4	47.2#
65	29.1	15.7	23.5#





#7

Phenol-d6

Concen: 103.85 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085666.D

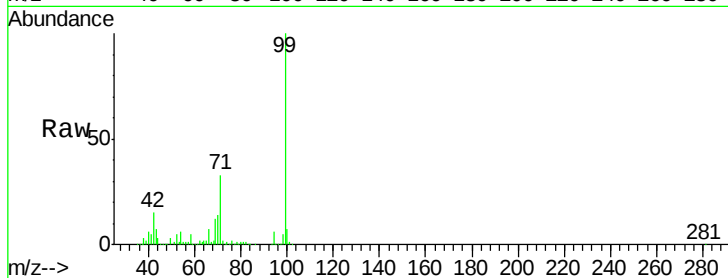
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1072773

Ion Ratio Lower Upper

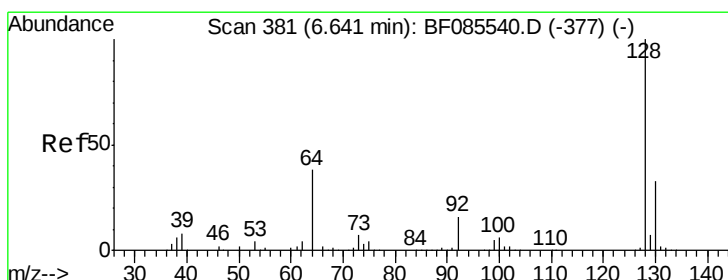
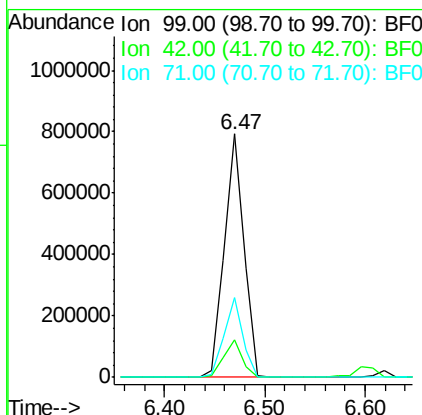
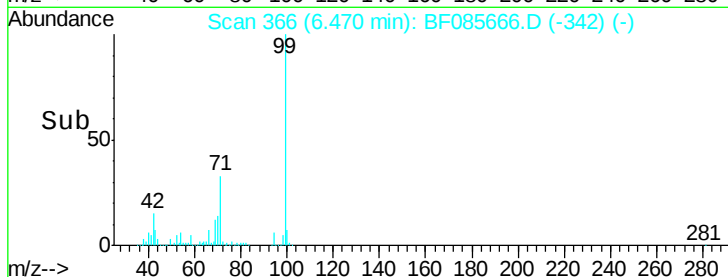
99 100

42 15.2 11.1 16.7

71 32.8 24.9 37.3

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#8

2-Chlorophenol

Concen: 37.01 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

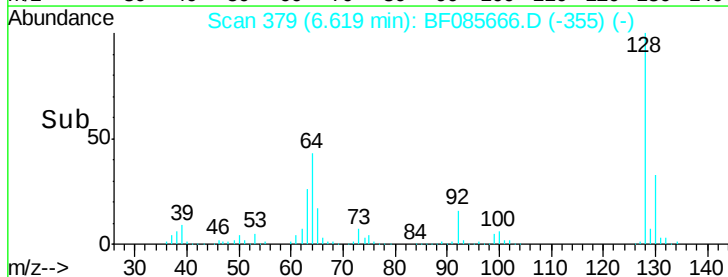
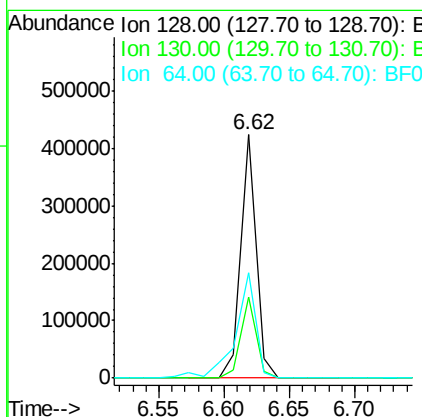
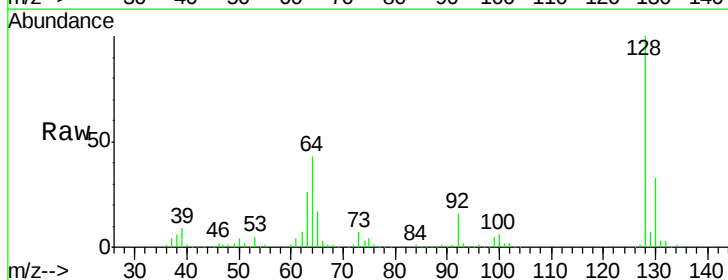
Tgt Ion: 128 Resp: 344803

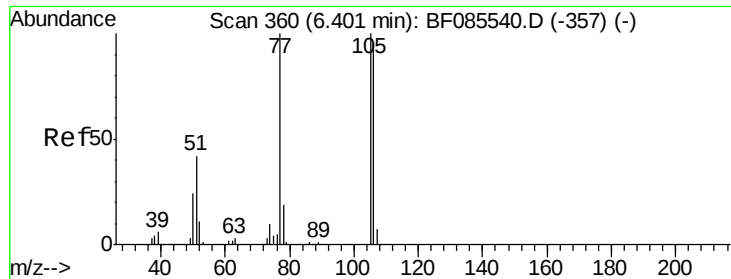
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 43.3 20.2 60.2





#9

Benzaldehyde

Concen: 7.38 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

Lab File: BF085666.D

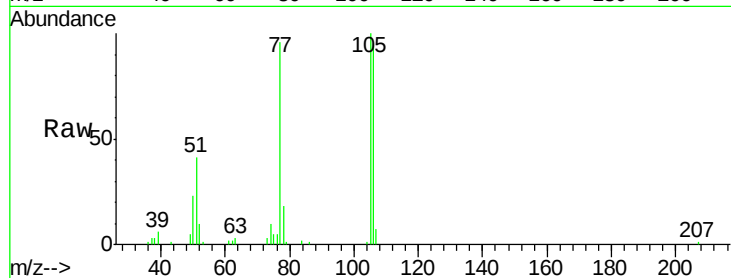
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

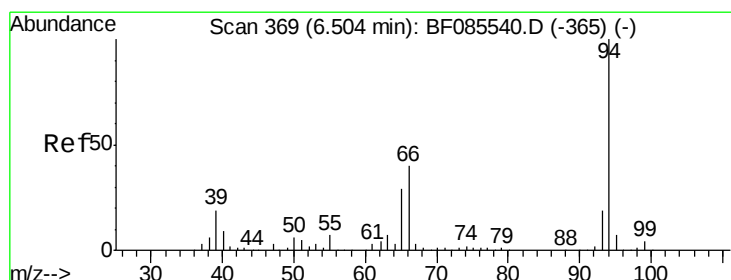
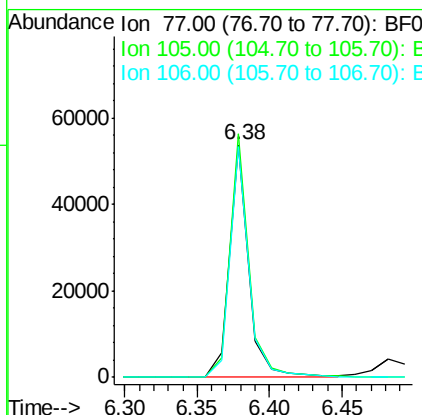
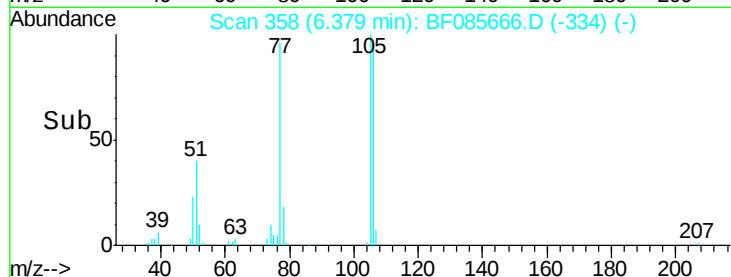
PB89079BS



Tgt Ion:	77	Resp:	49482
Ion	Ratio	Lower	Upper
77	100		
105	104.6	80.1	120.1
106	99.0	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 30.12 ng

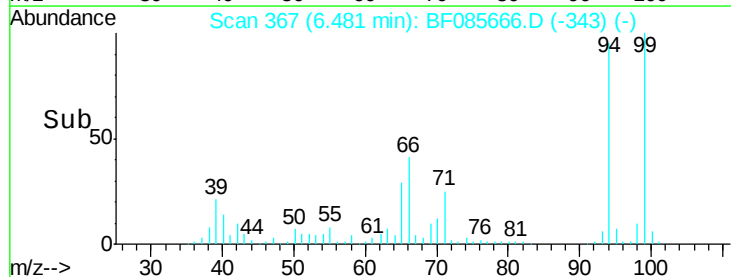
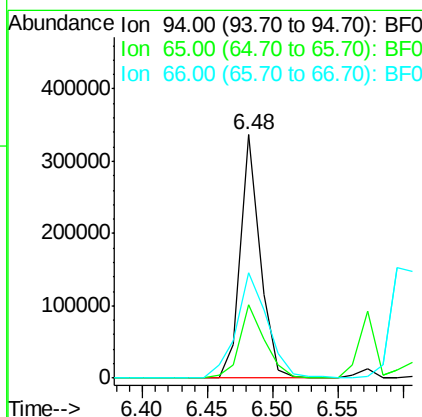
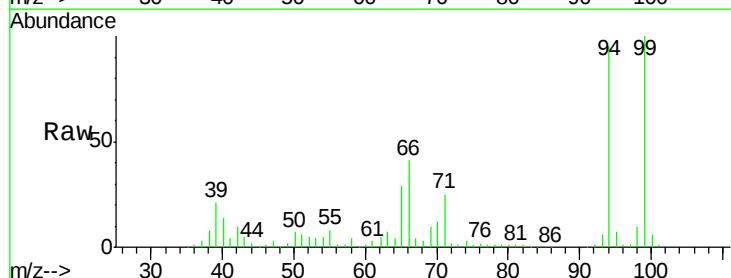
RT: 6.48 min Scan# 367

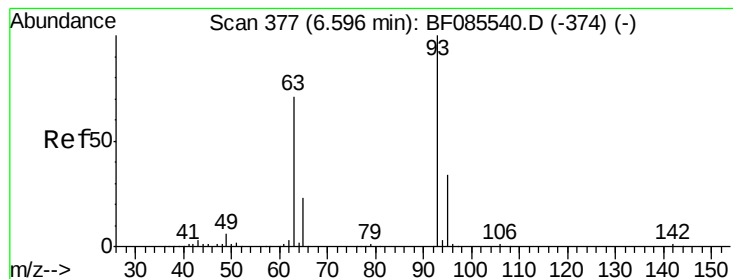
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	94	Resp:	354439
Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.6	48.6
66	43.1	20.0	60.0





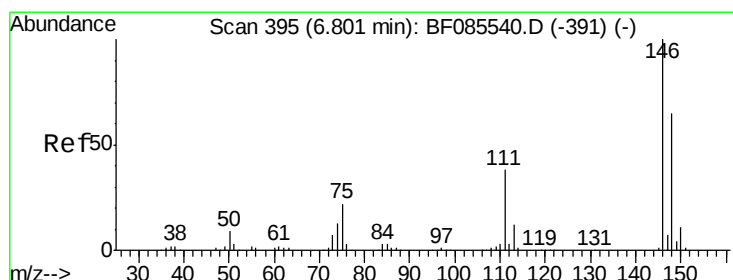
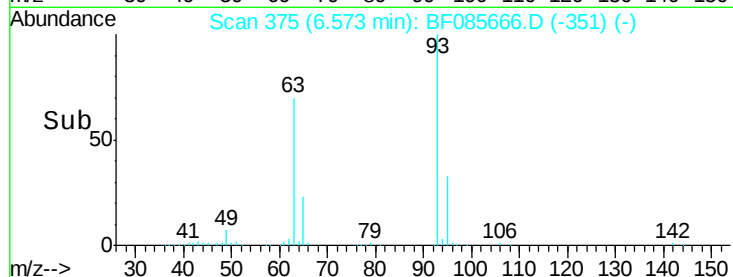
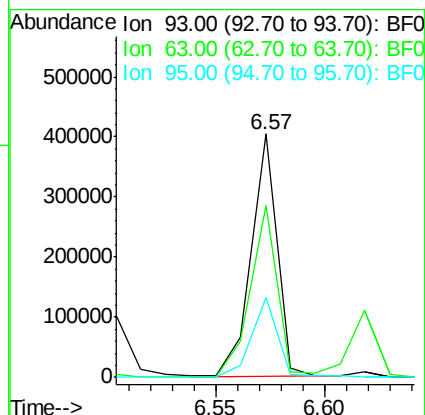
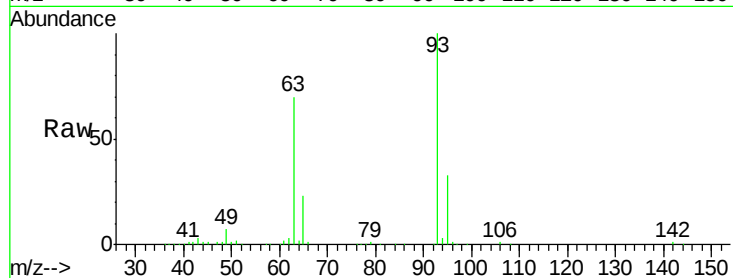
#11
bis(2-Chloroethyl)ether
Concen: 37.23 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.9	90.9
95	32.9	13.3	53.3

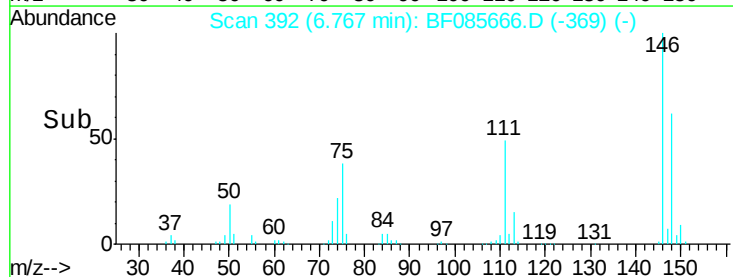
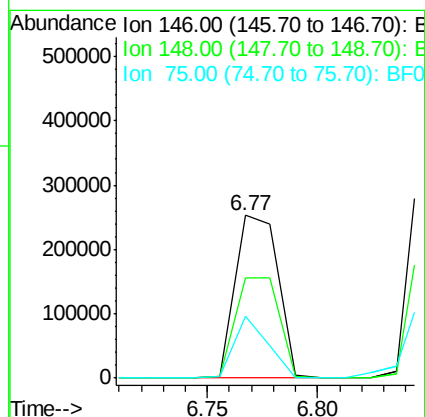
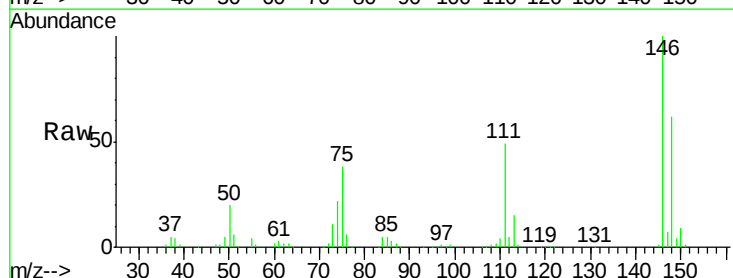
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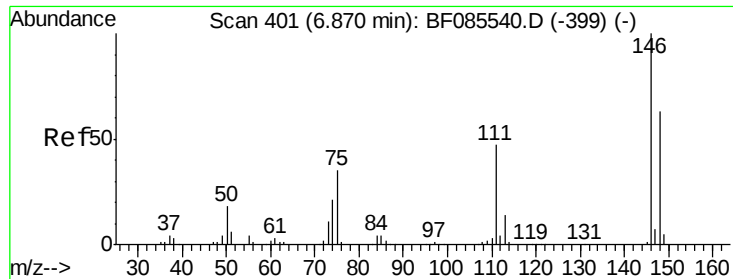
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.86 ng m
RT: 6.77 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.3	78.5
75	38.0	17.4	26.2





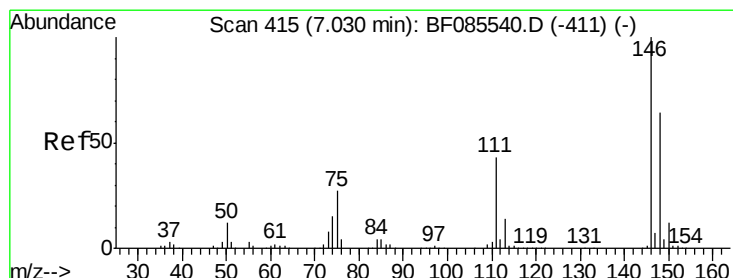
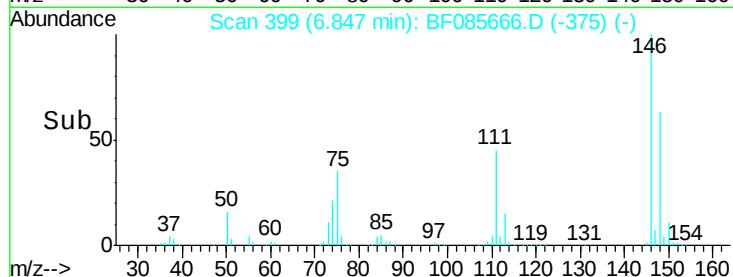
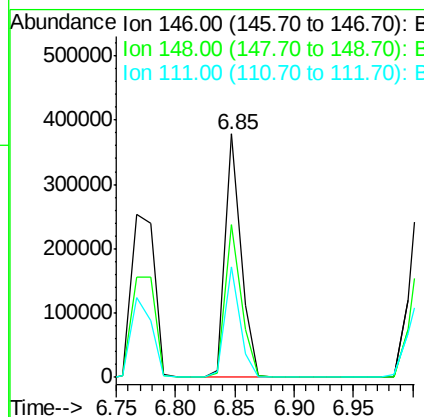
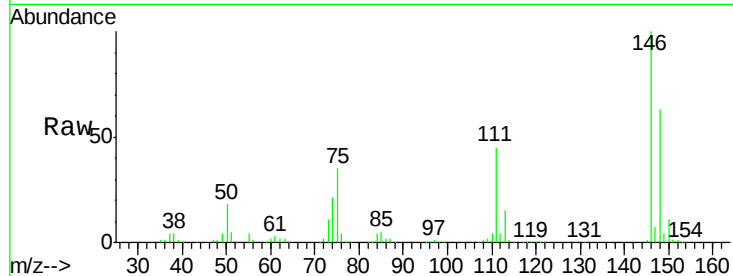
#13
 1,4-Dichlorobenzene
 Concen: 33.60 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	45.4	37.8	56.6

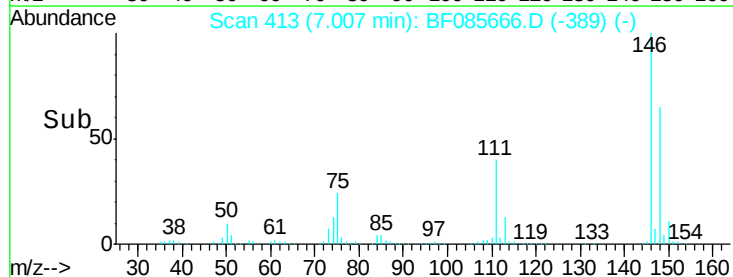
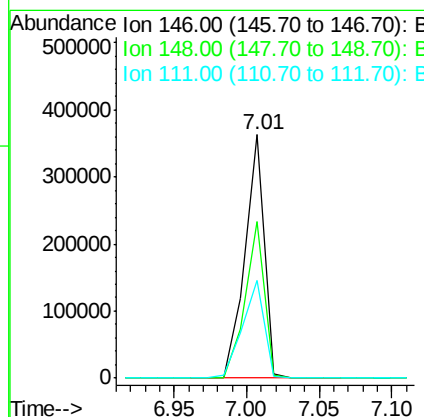
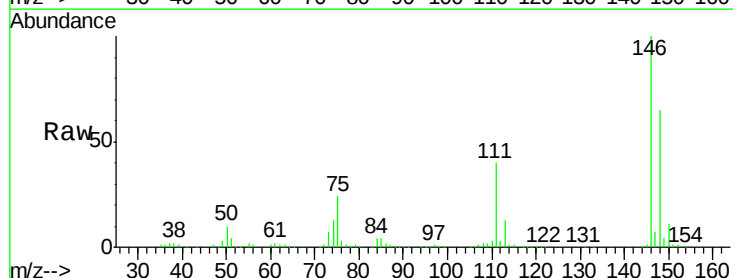
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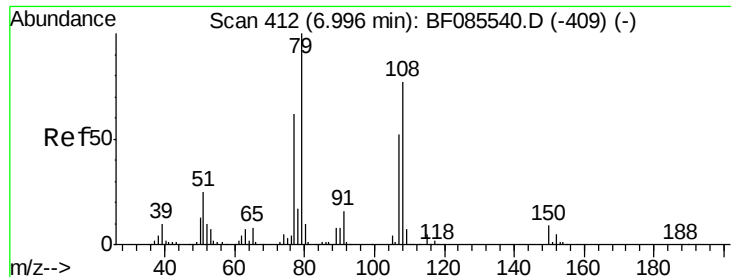
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#14
 1,2-Dichlorobenzene
 Concen: 36.68 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	40.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 38.53 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

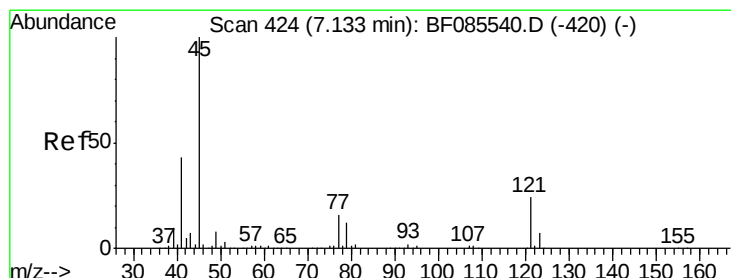
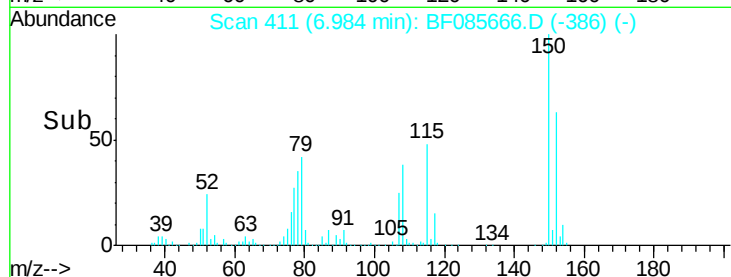
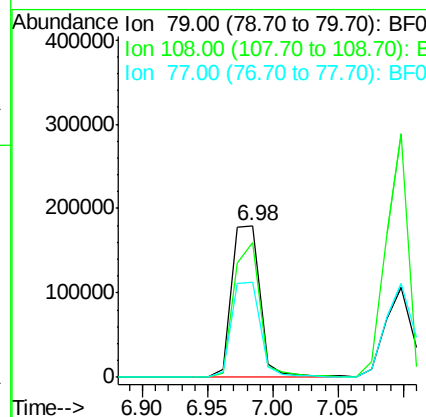
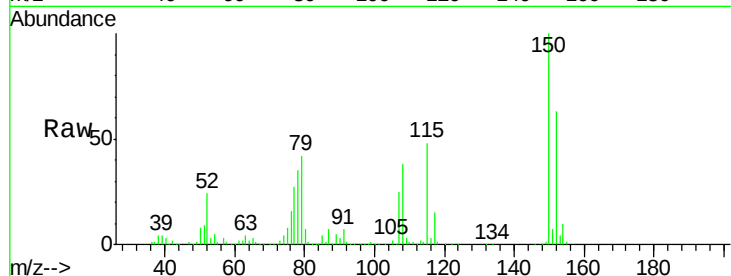
ClientSampleId :

PB89079BS

Tgt Ion:	79	Resp:	272610
Ion Ratio	Lower	Upper	
79	100		
108	88.6	61.8	92.6
77	62.9	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.97 ng

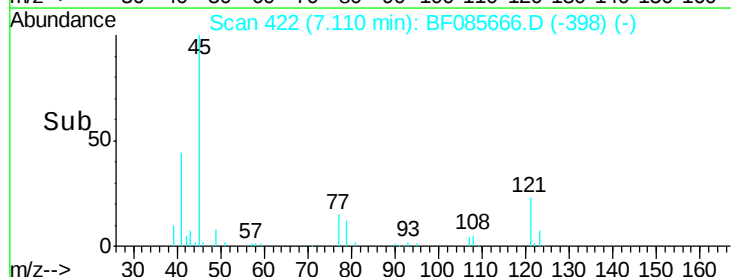
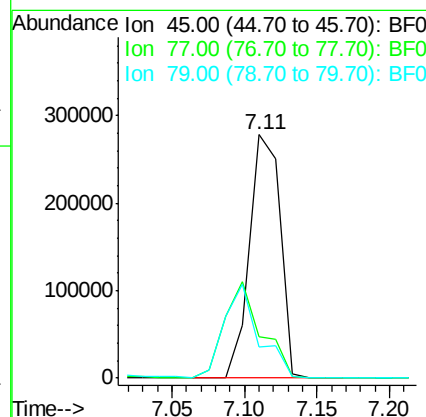
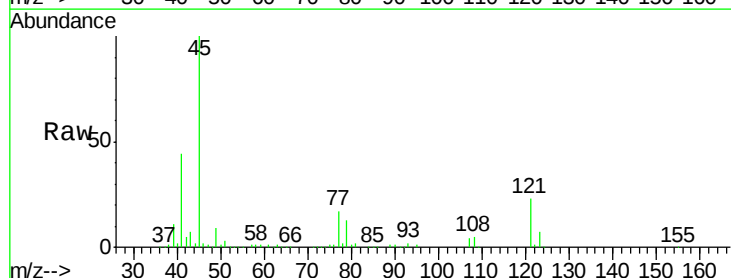
RT: 7.11 min Scan# 422

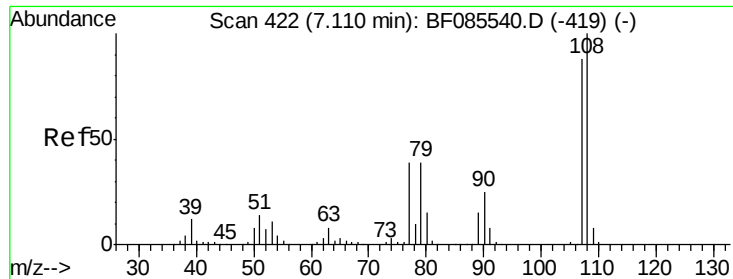
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	45	Resp:	407912
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	35.7
79	12.9	0.0	32.2





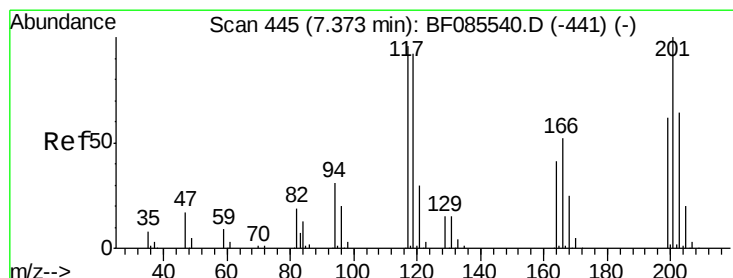
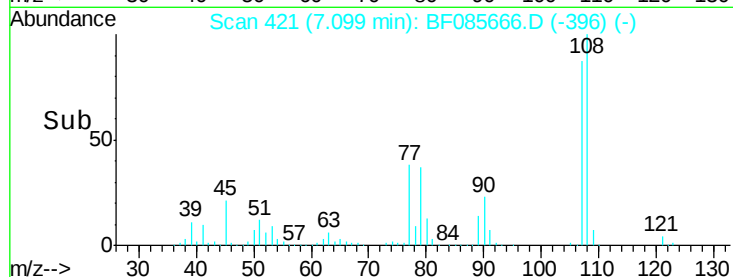
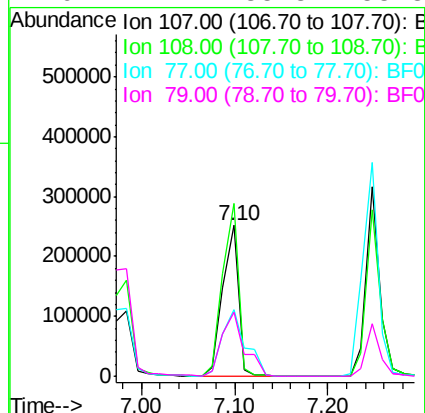
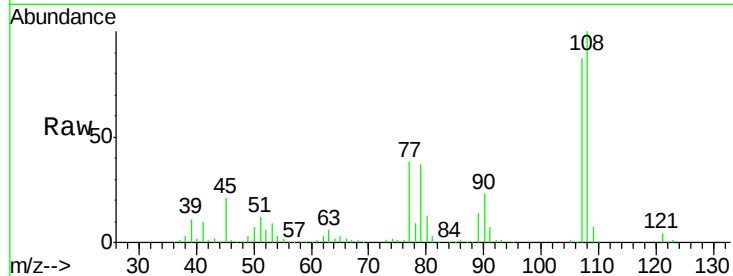
#17
2-Methylphenol
Concen: 38.46 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297023		
108	114.6	91.4	137.0	
77	43.9	36.2	54.2	
79	42.4	35.8	53.8	

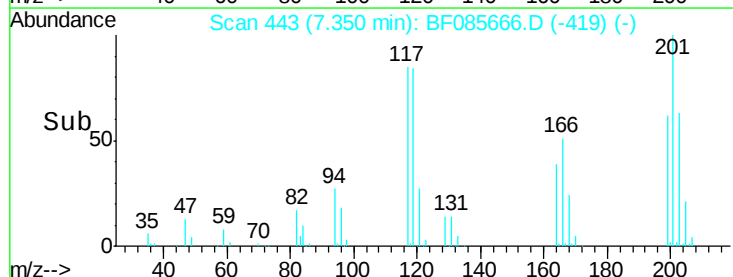
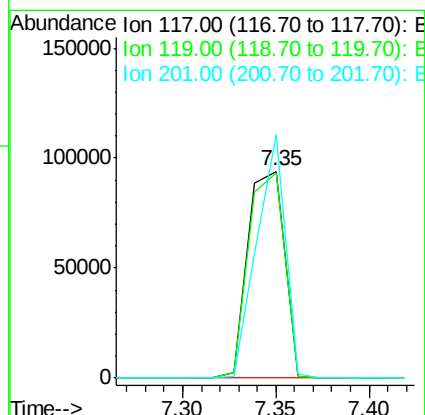
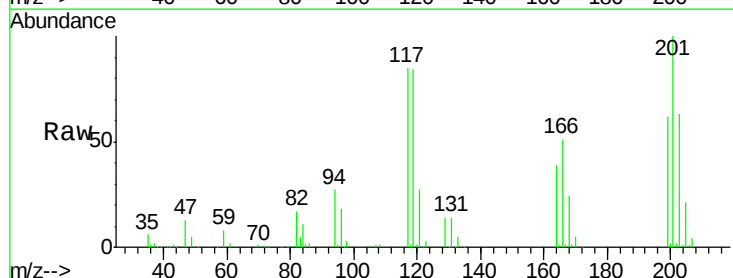
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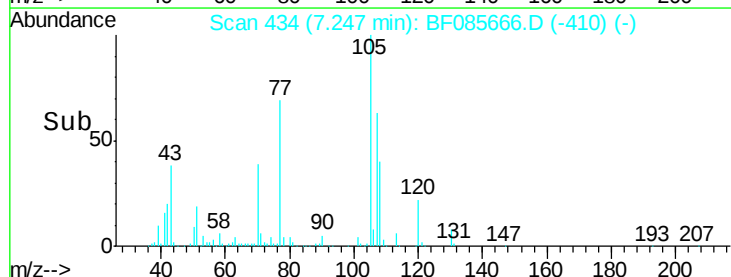
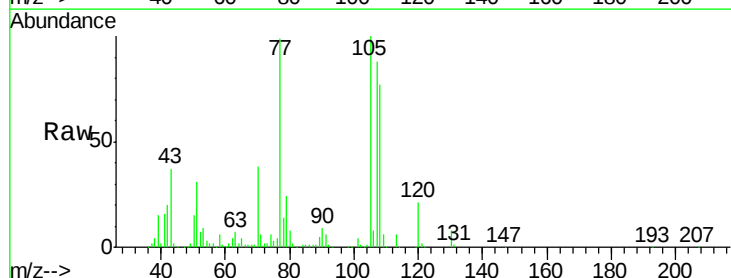
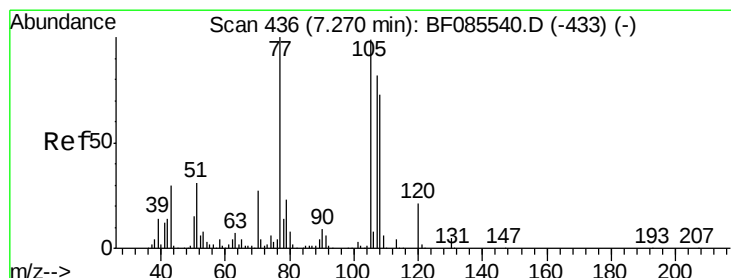
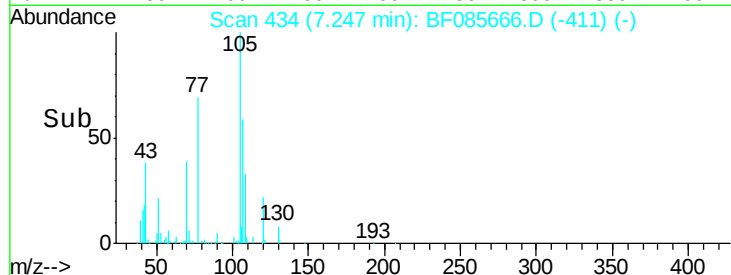
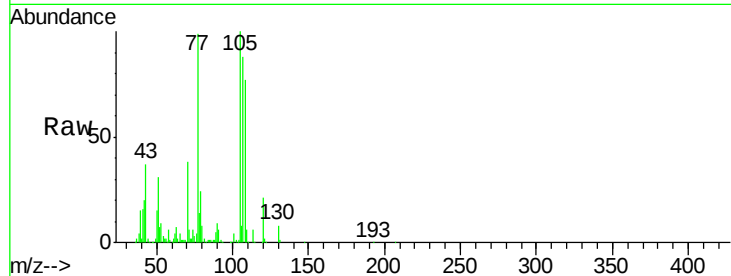
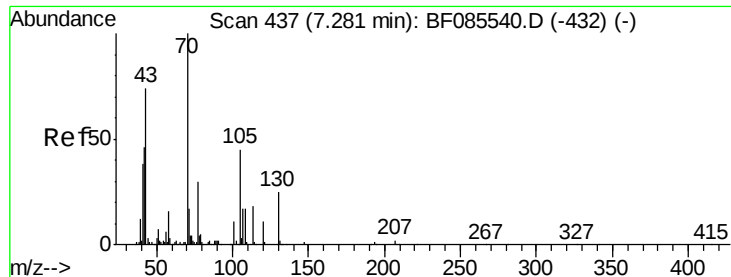
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#18
Hexachloroethane
Concen: 34.14 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127653		
119	99.1	76.7	115.1	
201	117.7	83.3	124.9	





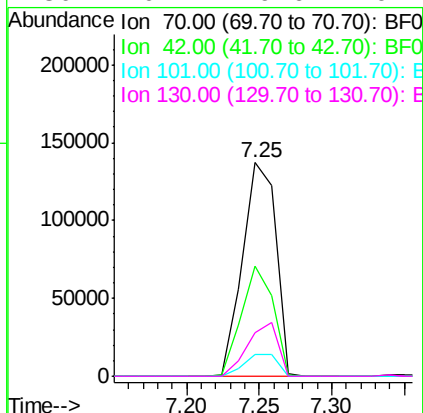
#19
n-Nitroso-di-n-propylamine
Concen: 35.41 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.1	55.7
101	9.9	8.6	12.8
130	20.4	19.6	29.4

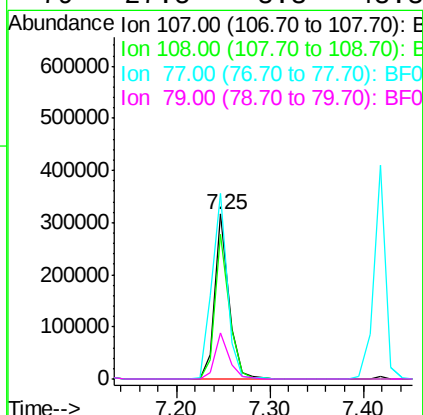
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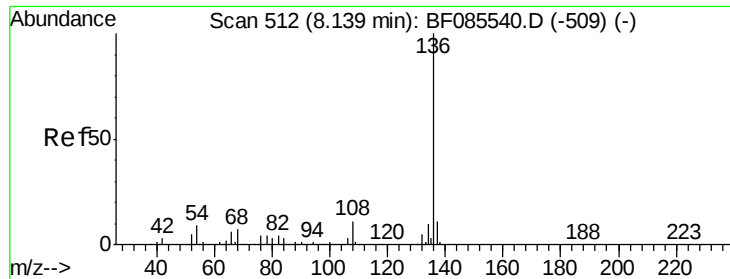
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#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.3	109.3
77	112.6	101.7	141.7
79	27.5	8.3	48.3





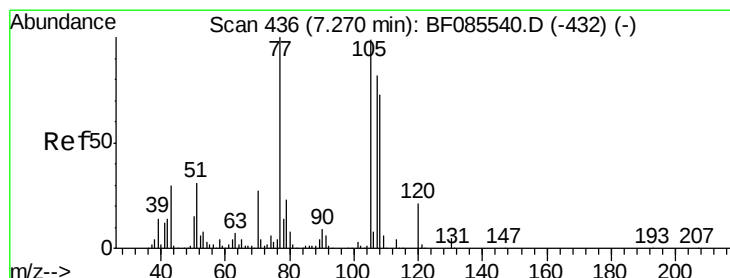
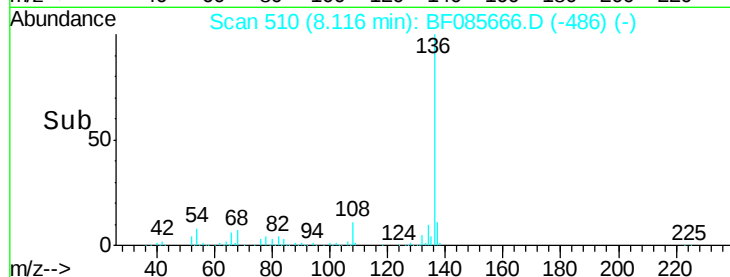
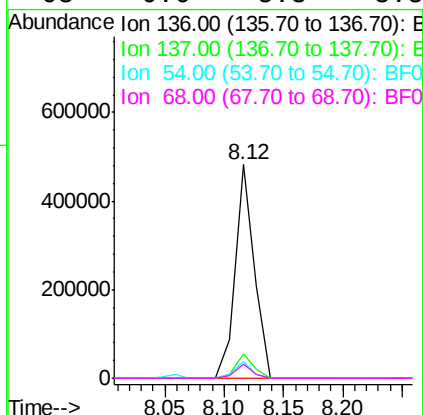
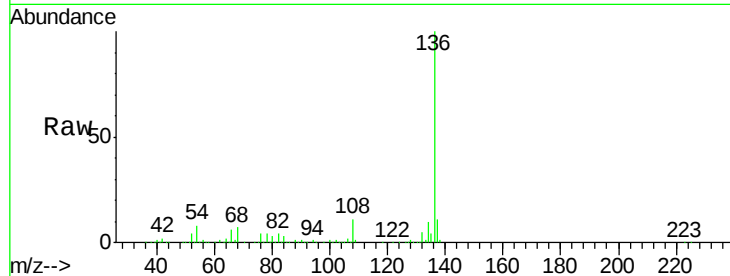
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	534275		
137	11.2	9.1	13.7	
54	8.0	7.4	11.0	
68	6.6	5.8	8.8	

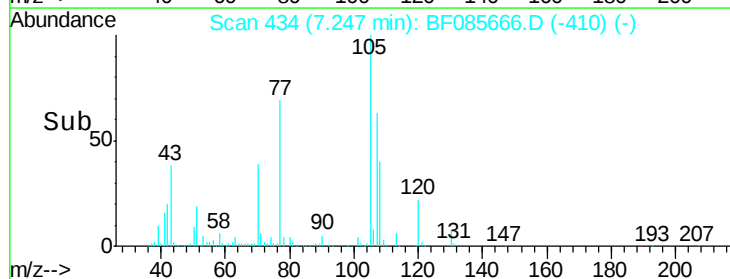
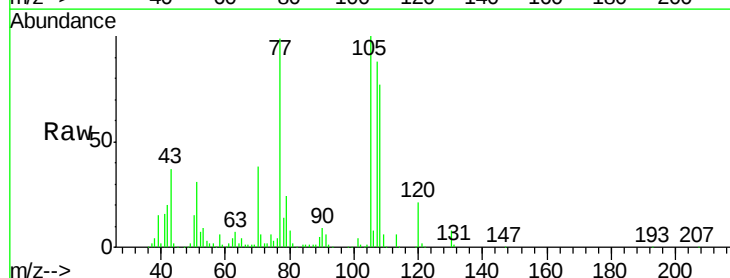
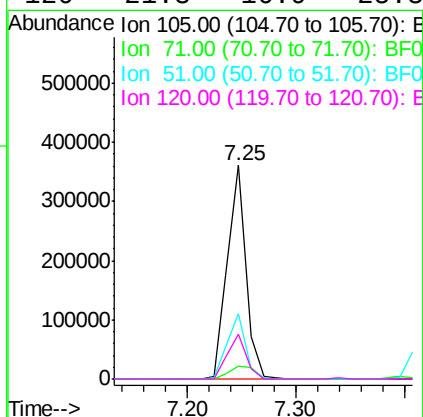
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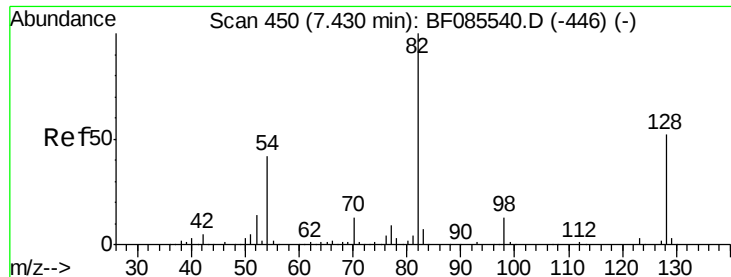
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#22
Acetophenone
Concen: 33.43 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	423815		
71	6.2	3.6	5.4#	
51	30.7	25.4	38.0	
120	21.3	16.9	25.3	





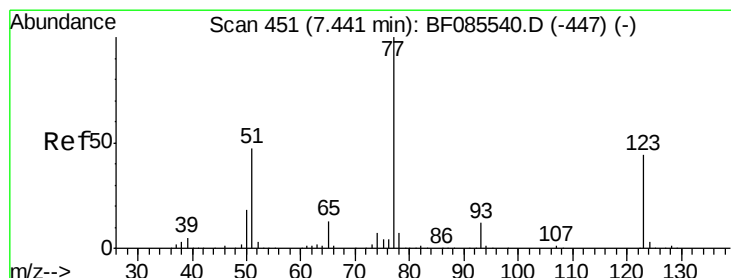
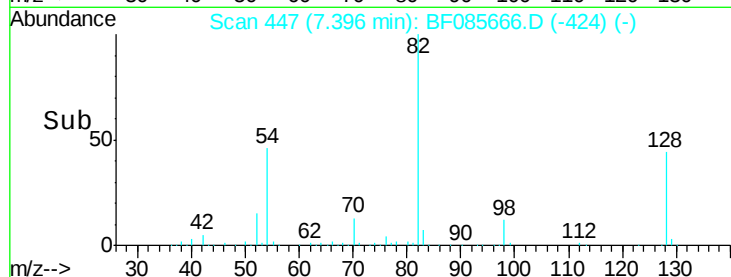
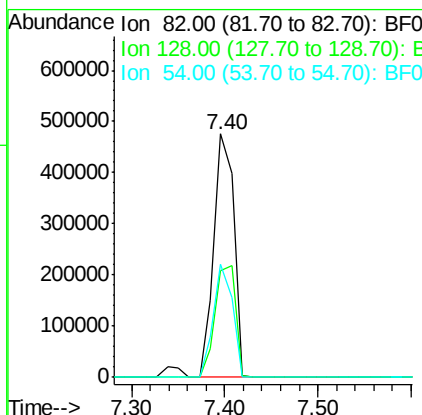
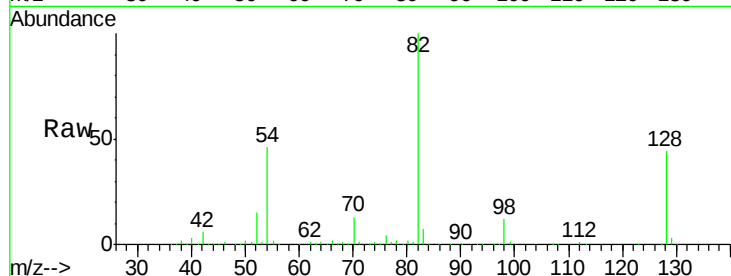
#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	709366		
128	43.7		41.8	62.8
54	46.3		33.4	50.0

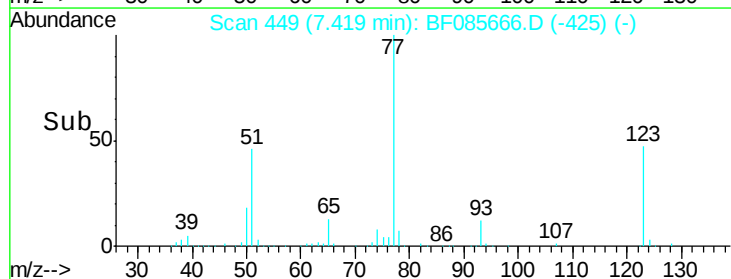
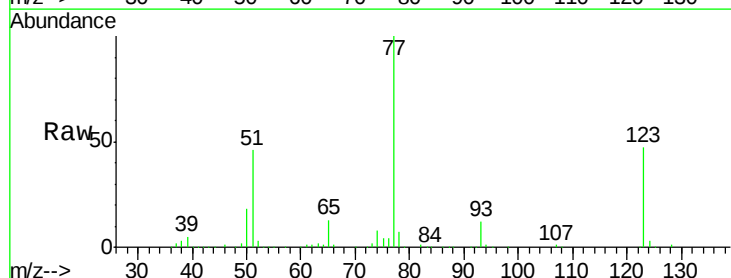
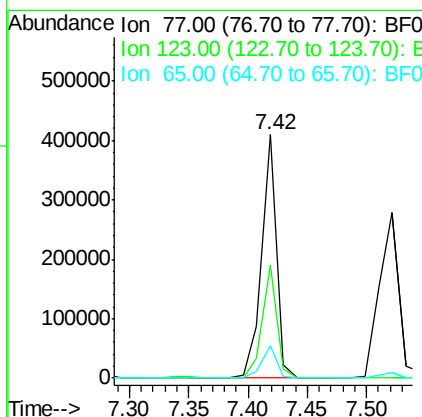
Manual Integrations
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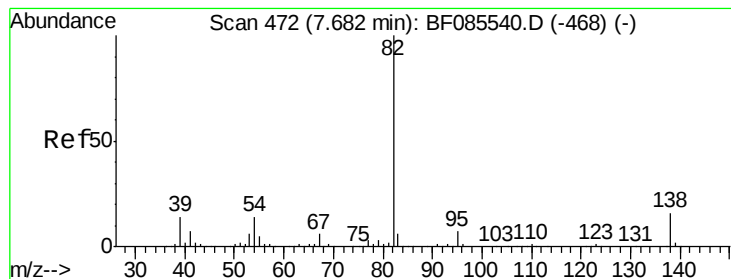
Sohil
 3/23/2016 1:30:08 PM



#24
 Nitrobenzene
 Concen: 35.76 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	360316		
123	46.6		35.0	52.4
65	13.1		10.6	16.0





#25

Isophorone

Concen: 36.11 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085666.D

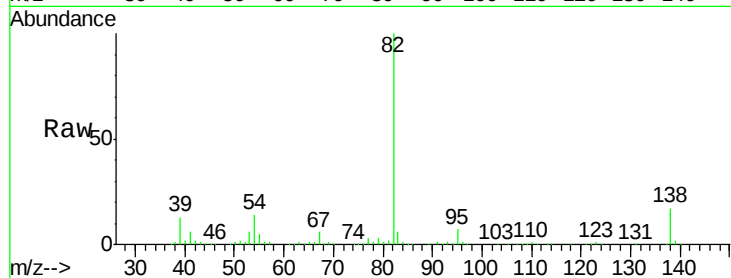
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

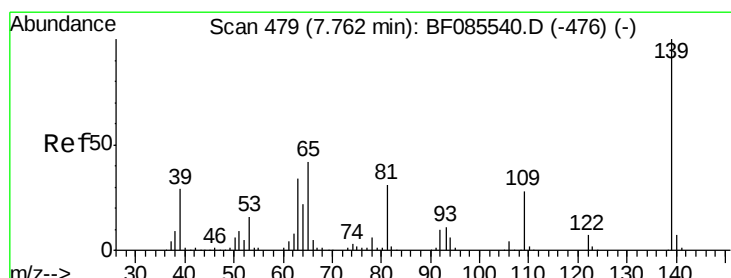
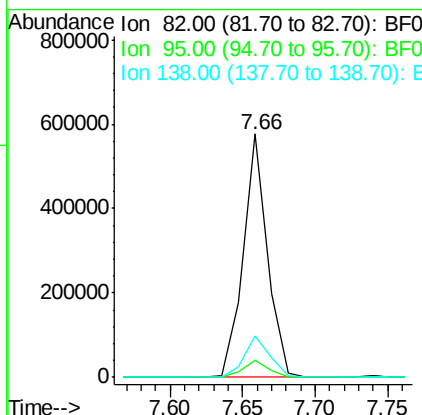
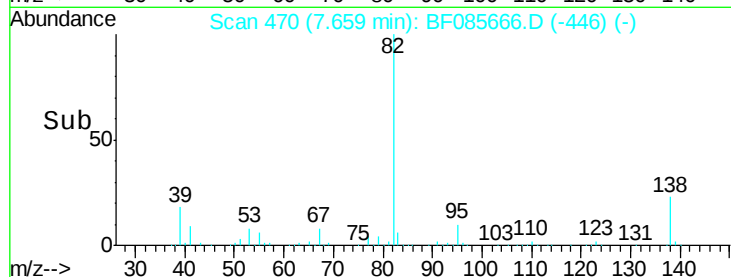
PB89079BS



Tgt Ion	82	95	138
Ratio	100	7.1	16.9
Resp: Lower		5.4	12.9
Upper		8.2	19.3

Manual Integrations
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3/23/2016 1:30:08 PM



#26

2-Nitrophenol

Concen: 39.96 ng

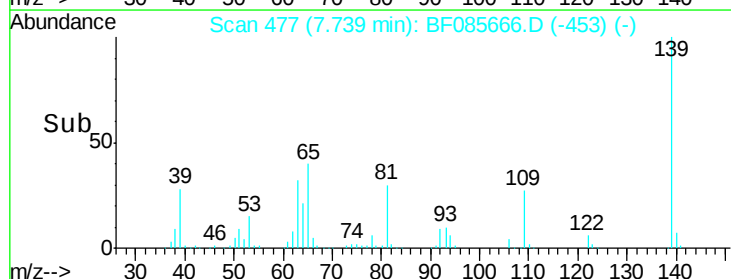
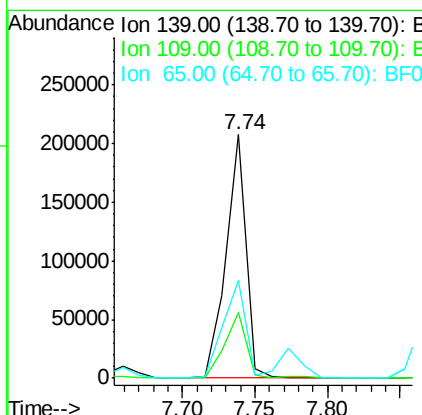
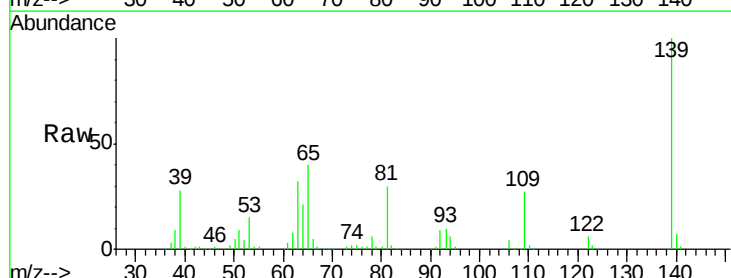
RT: 7.74 min Scan# 477

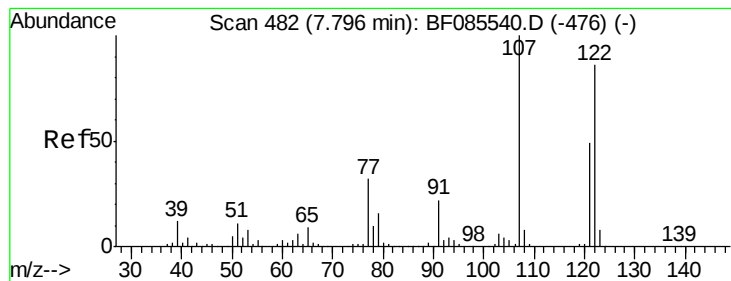
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion	139	109	65
Ratio	100	27.1	40.0
Resp: Lower		22.1	33.9
Upper		33.1	50.9





#27

2,4-Dimethylphenol

Concen: 36.40 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

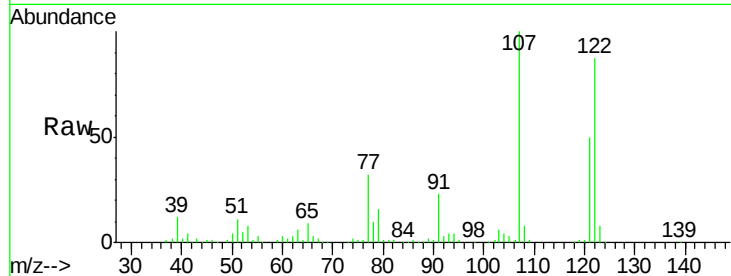
ClientSampleId :

PB89079BS

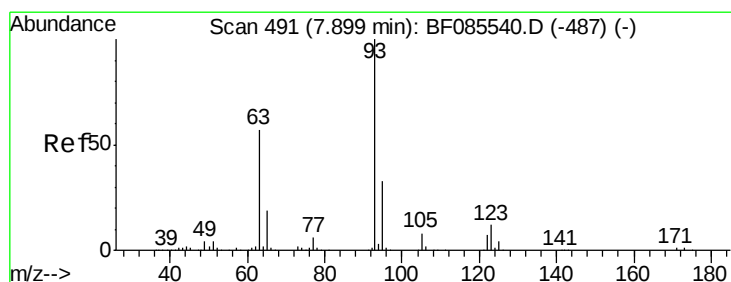
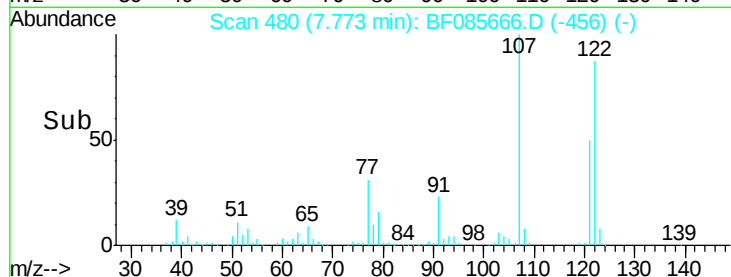
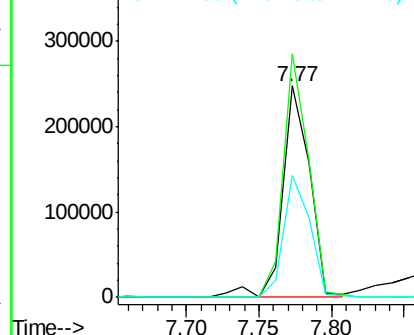
Tgt Ion:	122	Resp:	320484
Ion Ratio	Lower	Upper	
122	100		
107	115.4	93.0	139.6
121	57.8	45.9	68.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 41.34 ng

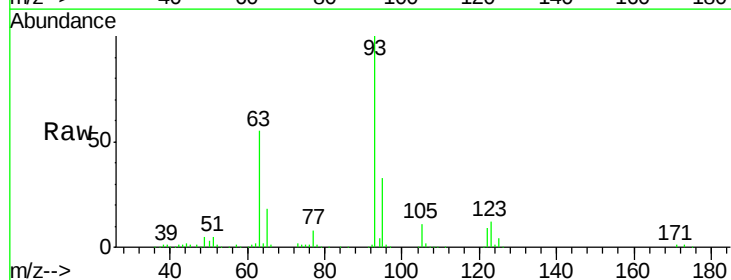
RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

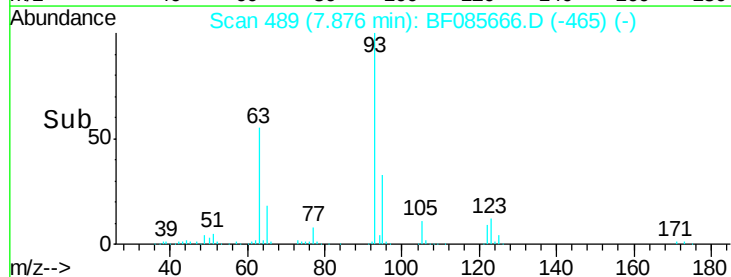
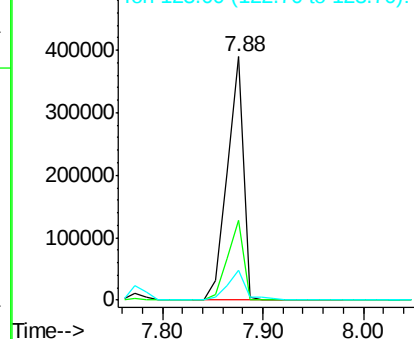
Lab File: BF085666.D

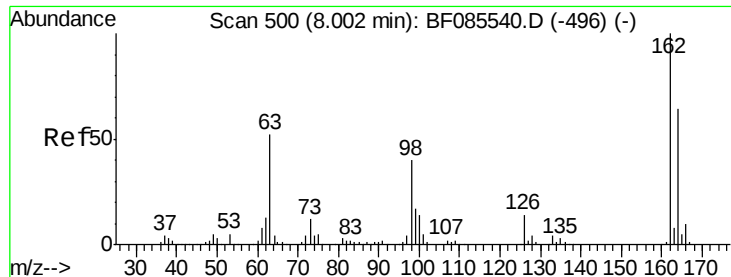
Acq: 22 Mar 2016 18:46

Tgt Ion:	93	Resp:	433316
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	12.3	9.8	14.6



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





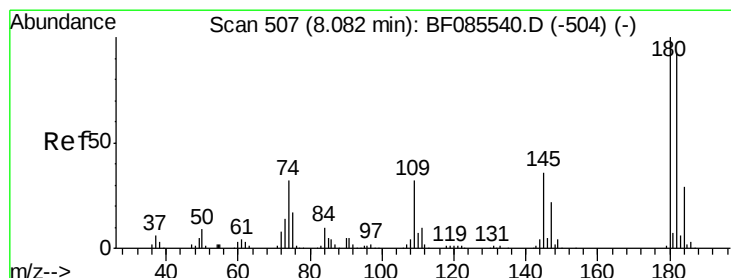
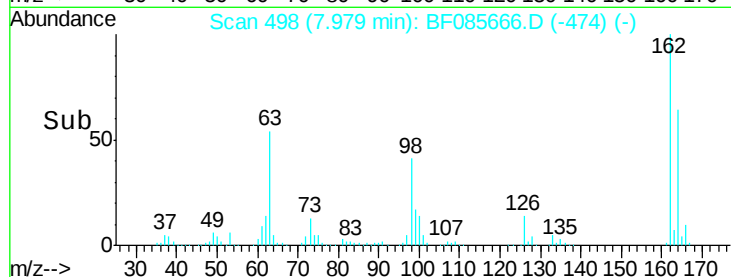
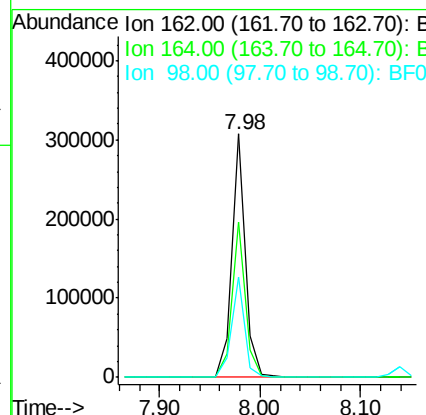
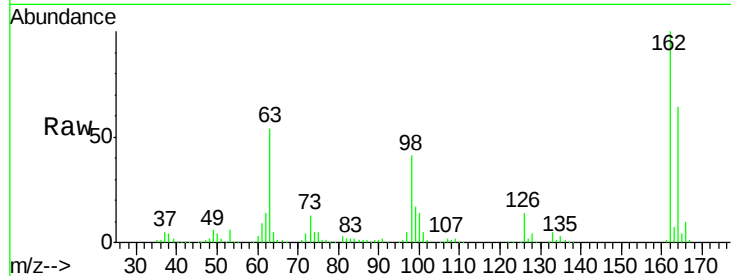
#29
2,4-Dichlorophenol
Concen: 39.41 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	43.7	83.7
98	41.3	20.4	60.4

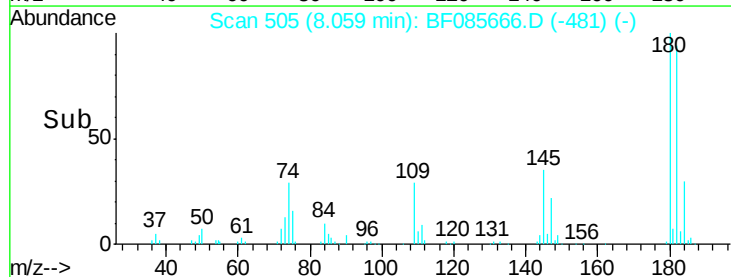
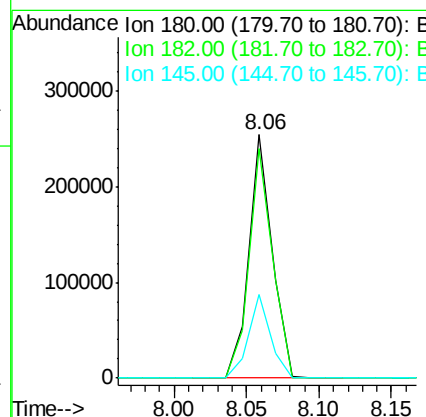
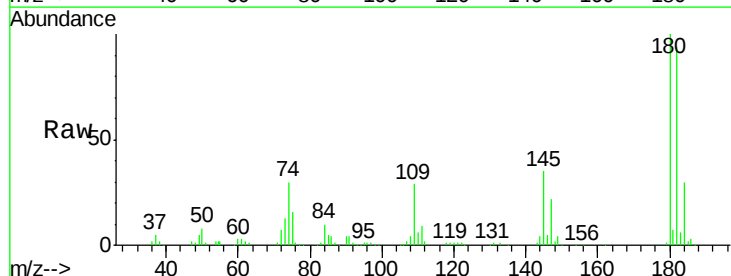
Manual Integrations
APPROVED

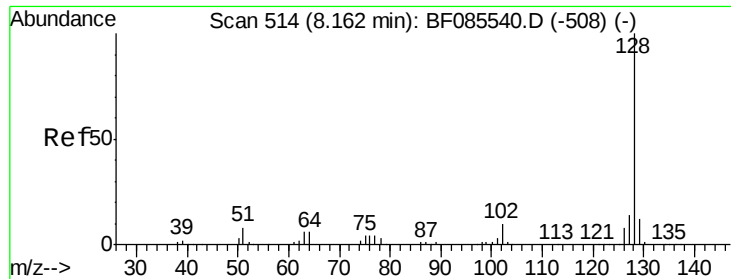
Sohil
3/23/2016 1:30:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.69 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	73.8	110.8
145	34.6	28.4	42.6





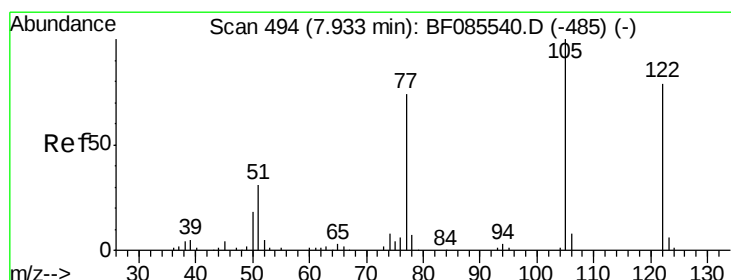
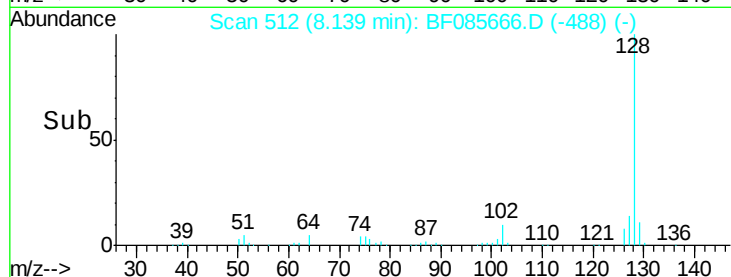
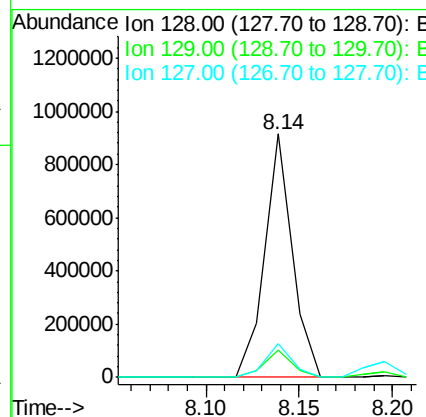
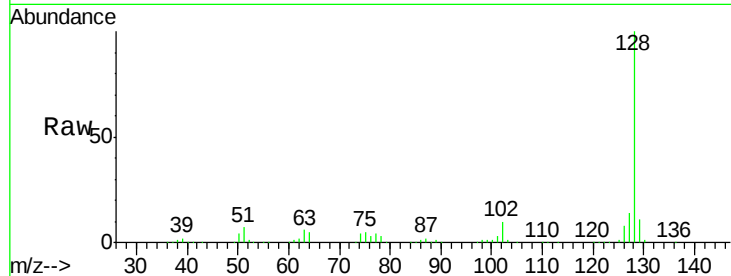
#31
Naphthalene
Concen: 34.73 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	936544		
129	11.5	9.4	14.0	
127	13.7	11.0	16.6	

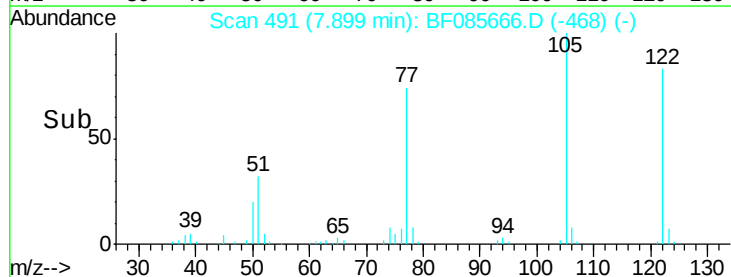
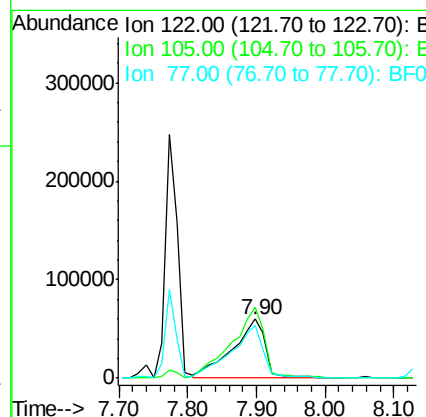
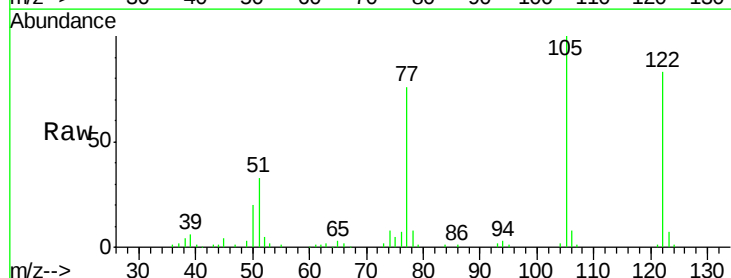
Manual Integrations
APPROVED

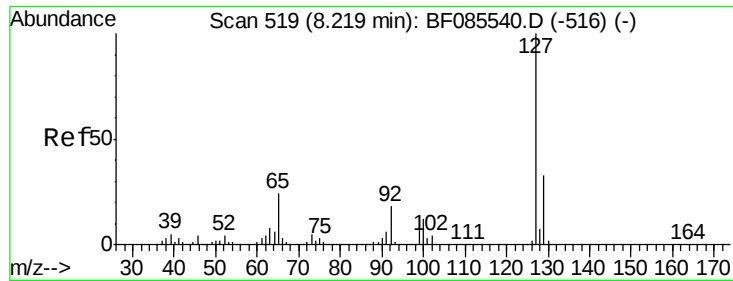
Sohil
3/23/2016 1:30:08 PM



#32
Benzoic acid
Concen: 26.84 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	197626		
105	120.1	102.9	142.9	
77	90.7	71.8	111.8	





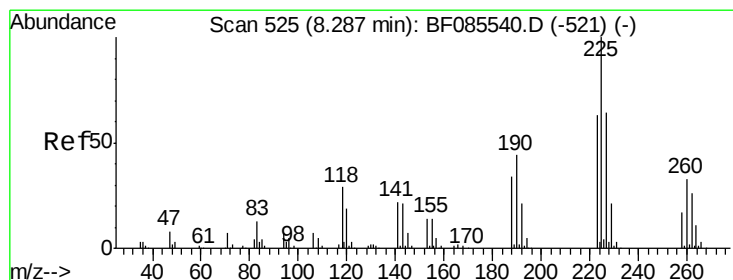
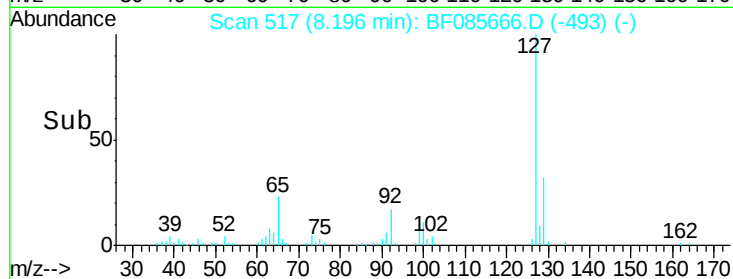
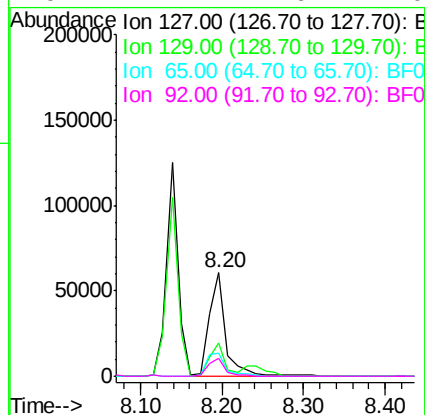
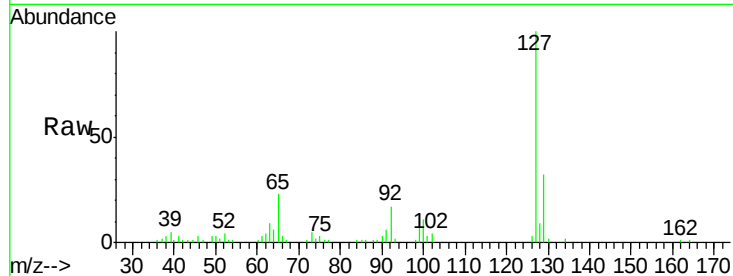
#33
4-Chloroaniline
Concen: 7.81 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.9	26.1	39.1
65	22.8	19.5	29.3
92	17.2	14.6	22.0

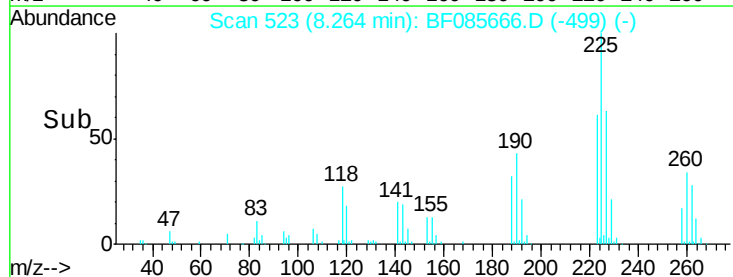
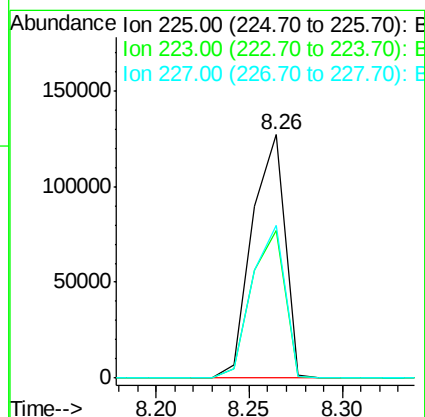
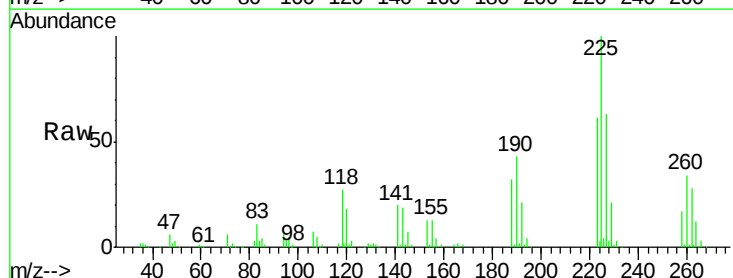
Manual Integrations
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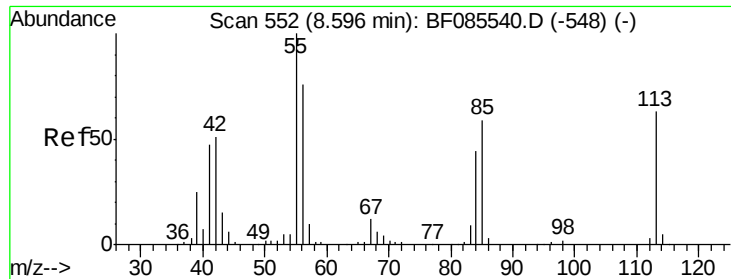
Sohil
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#34
Hexachlorobutadiene
Concen: 35.53 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.7	50.4	75.6
227	62.9	51.4	77.2





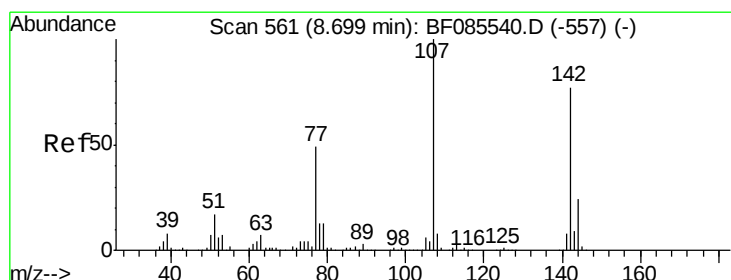
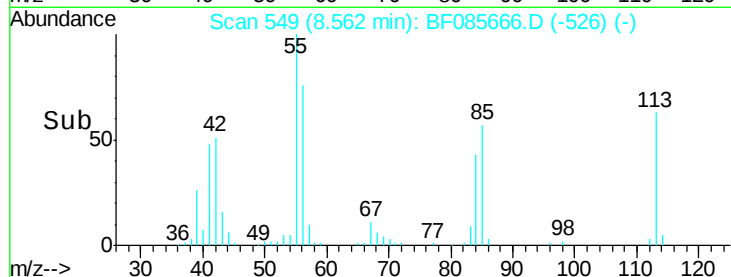
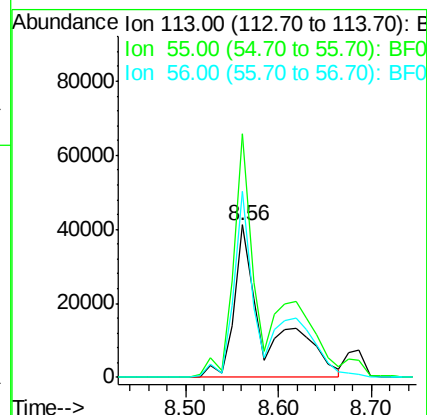
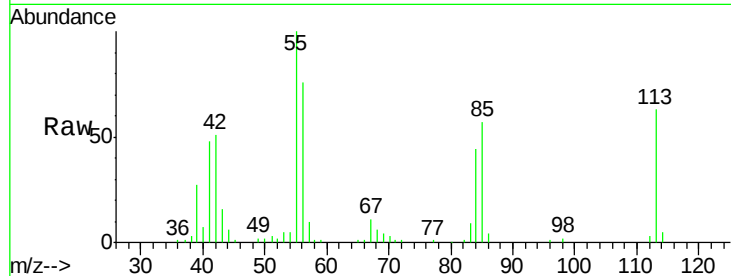
#35
Caprolactam
Concen: 40.23 ng m
RT: 8.56 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion:113 Resp: 100642
Ion Ratio Lower Upper
113 100
55 159.6 139.4 179.4
56 122.0 100.4 140.4

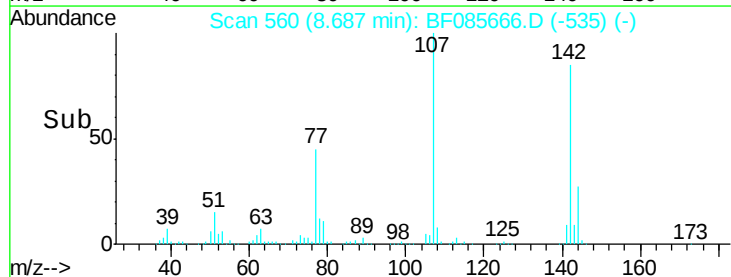
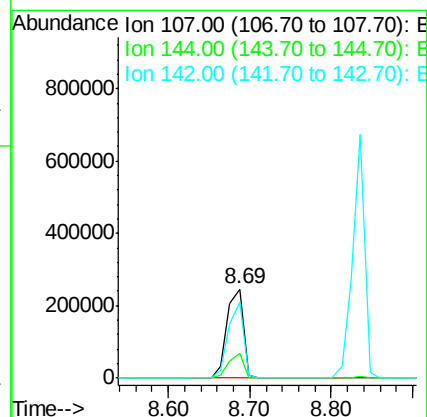
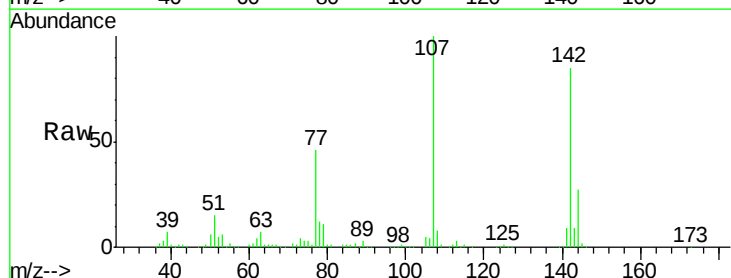
Manual Integrations
APPROVED

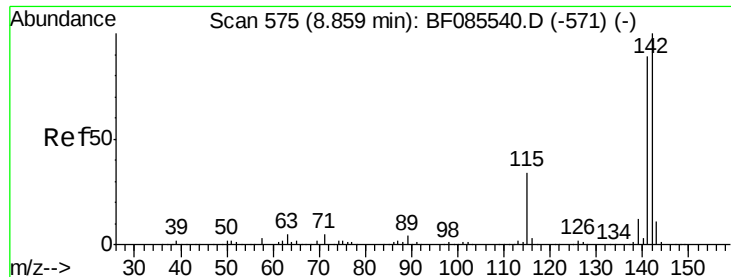
Sohil
3/23/2016 1:30:08 PM



#36
4-Chloro-3-methylphenol
Concen: 40.45 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion:107 Resp: 343517
Ion Ratio Lower Upper
107 100
144 27.4 19.3 28.9
142 84.7 61.4 92.0





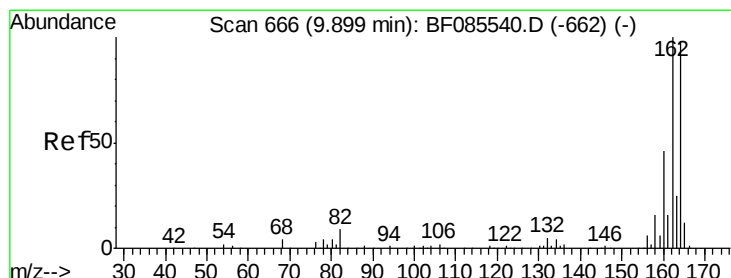
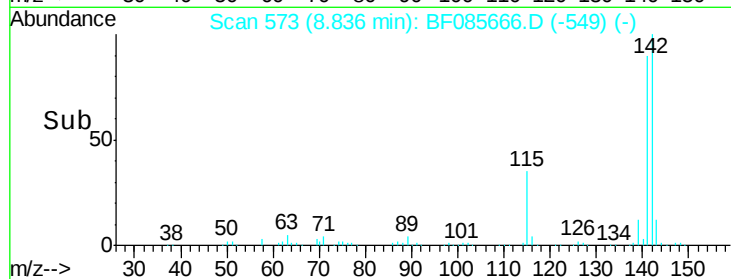
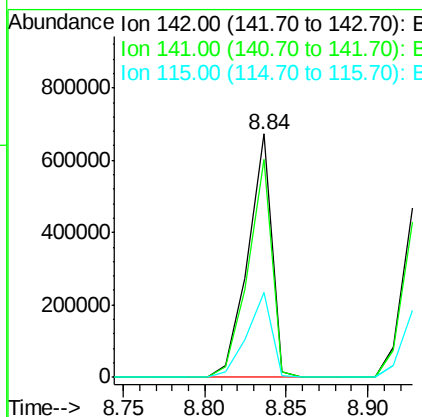
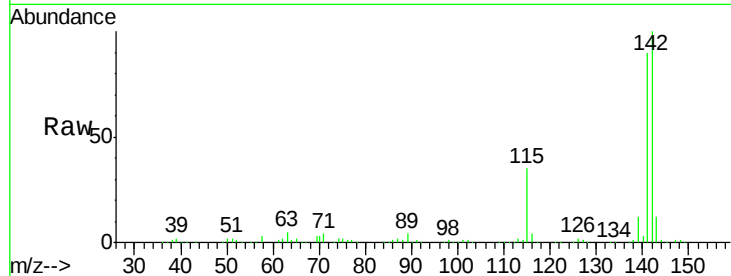
#37
2-Methylnaphthalene
Concen: 41.62 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	684221		
141	89.7	71.6	107.4	
115	34.9	26.8	40.2	

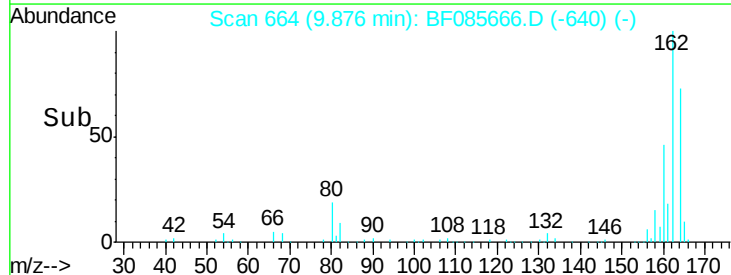
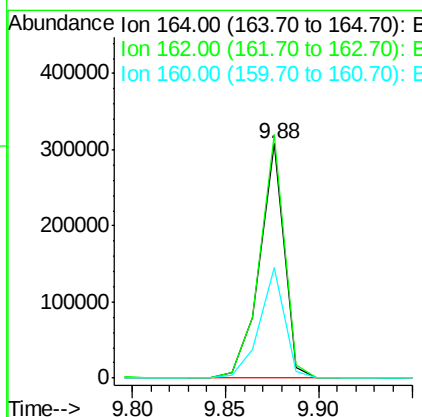
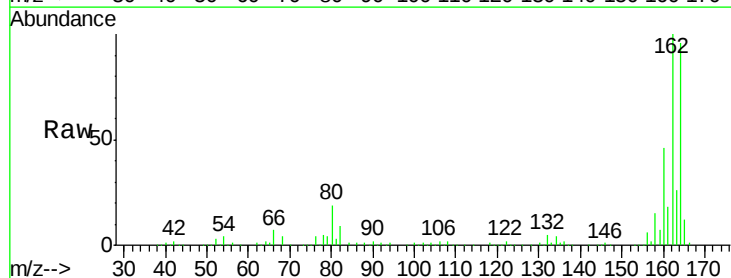
Manual Integrations
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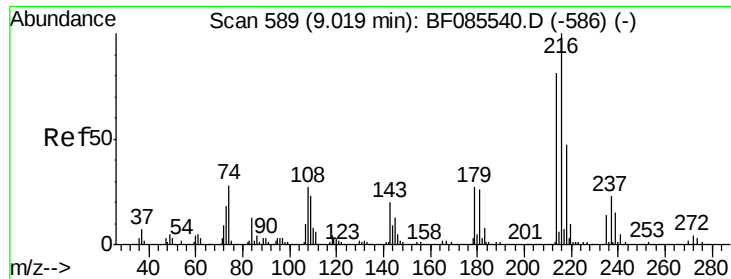
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	280263		
162	104.0	82.1	123.1	
160	47.4	37.4	56.2	





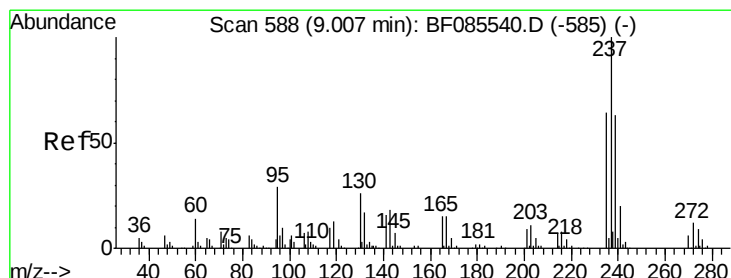
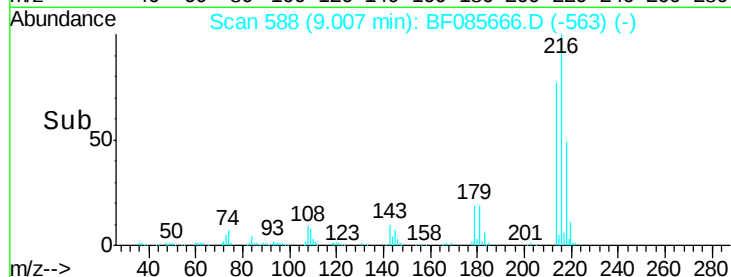
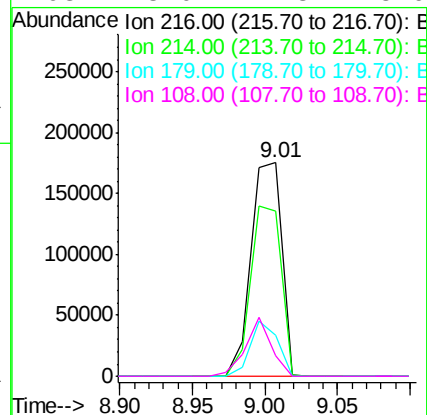
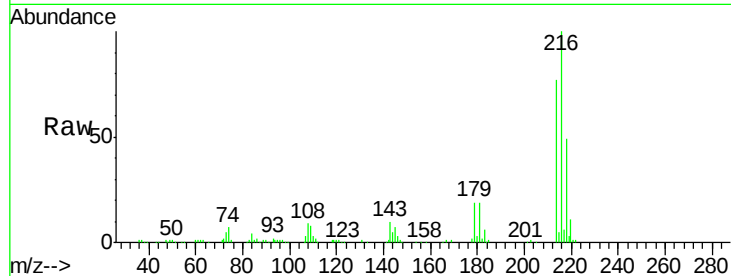
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.42 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleID :
 PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	258614		
214	79.3	63.1	94.7	
179	22.9	18.2	27.2	
108	23.0	17.3	25.9	

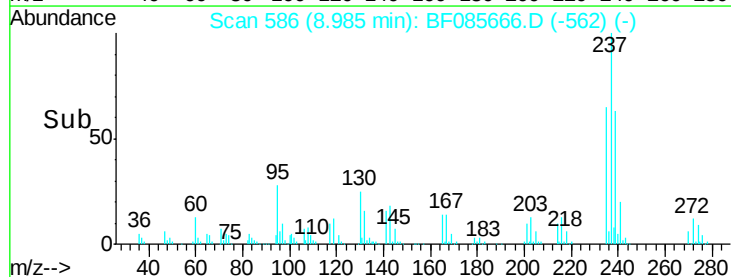
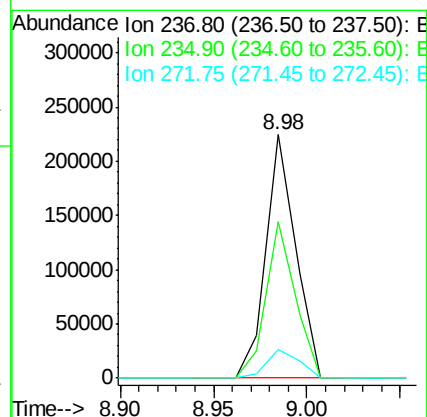
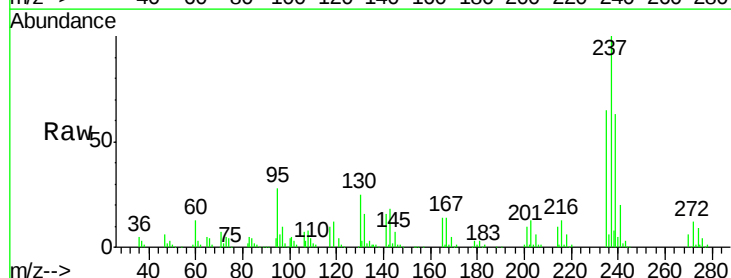
Manual Integrations
 APPROVED

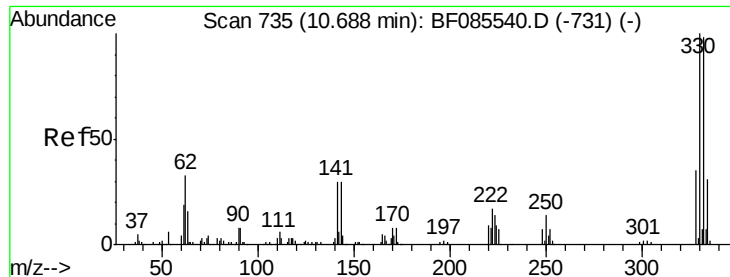
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 64.46 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	246970		
235	64.5	43.7	83.7	
272	11.8	0.0	31.9	





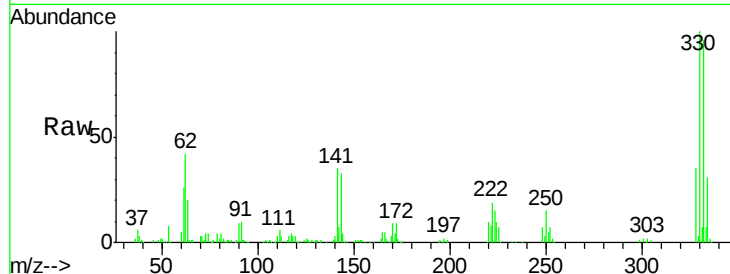
#41
 2,4,6-Tribromophenol
 Concen: 101.25 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	277970		
332	97.1	78.2	117.2	
141	39.0	31.5	47.3	

Manual Integrations
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 3/23/2016 1:30:08 PM

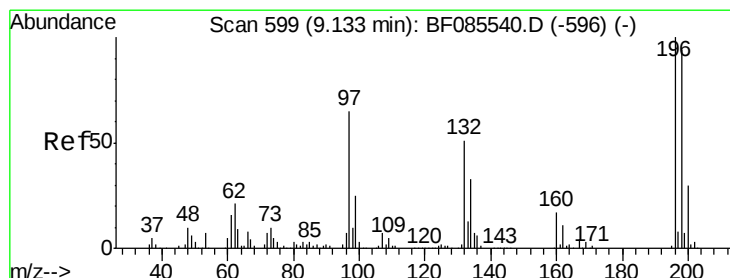
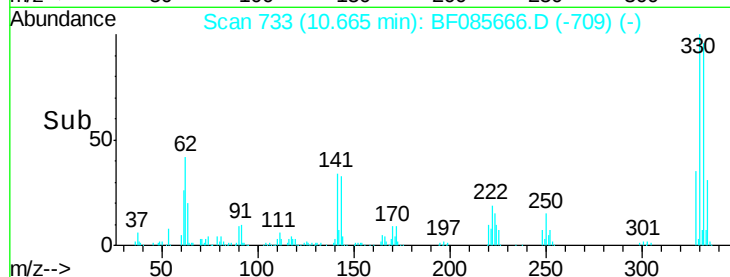
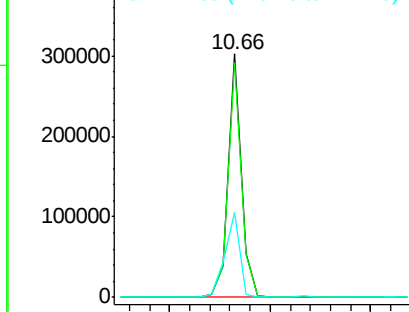


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.23 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

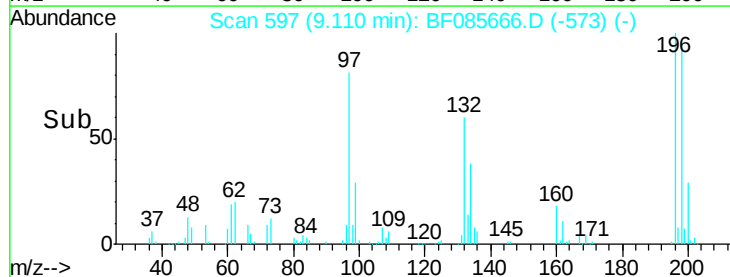
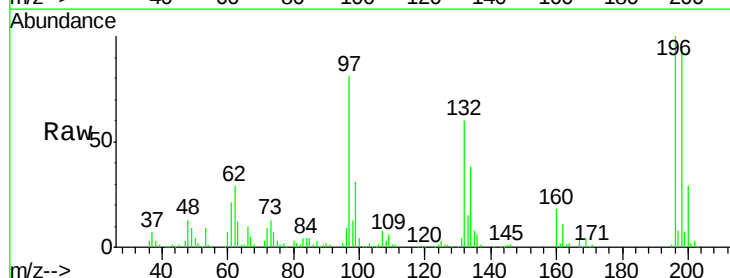
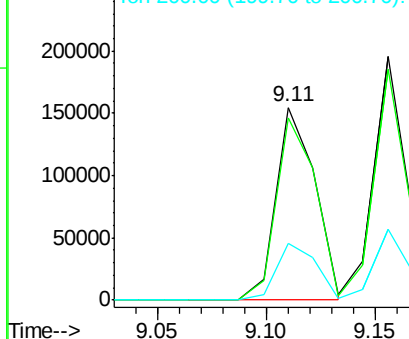
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193390		
198	94.5	75.3	112.9	
200	29.4	23.7	35.5	

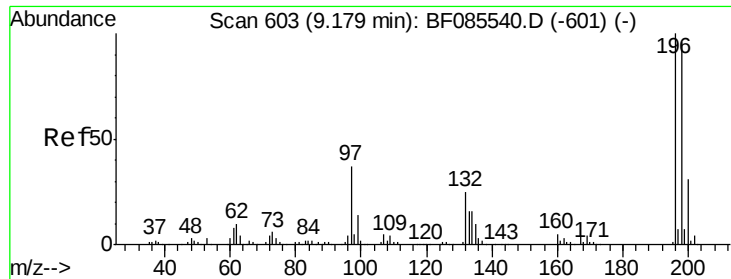
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

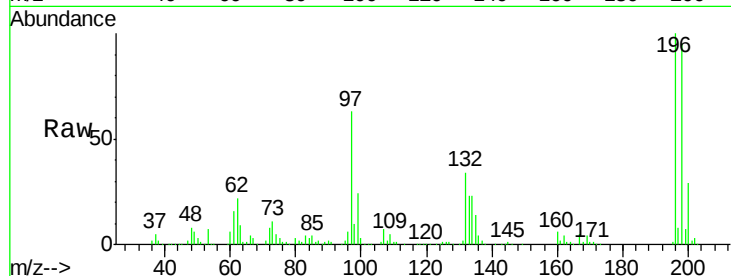
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 35.14 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

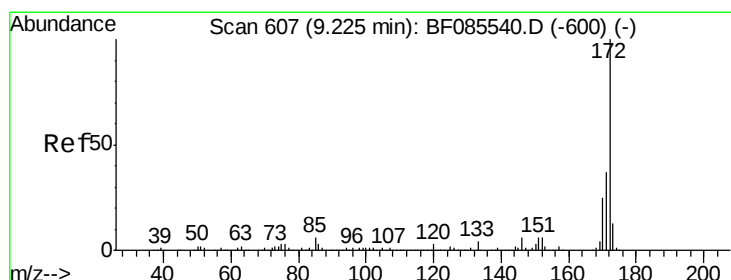
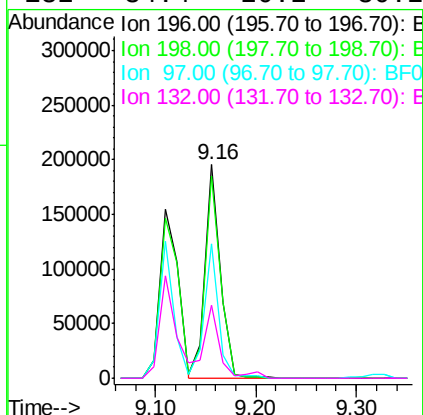
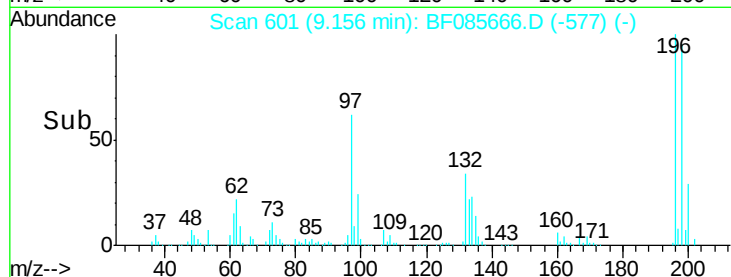
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208142		
198	94.8	76.6	114.8	
97	62.7	30.5	45.7#	
132	34.4	20.2	30.2#	

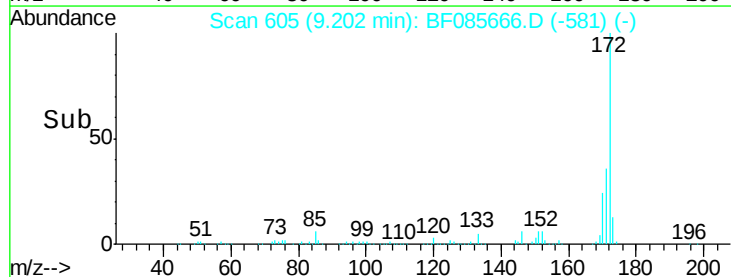
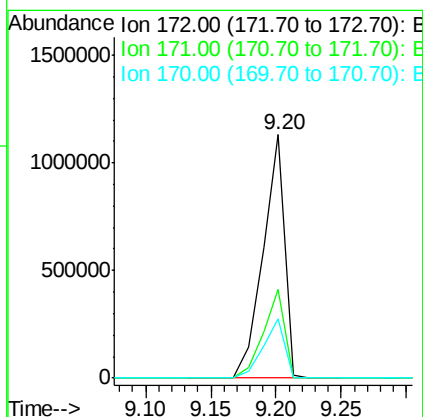
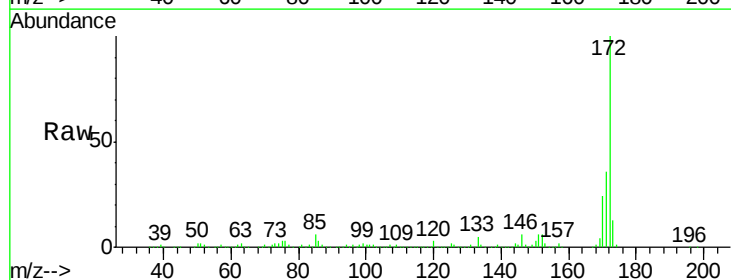
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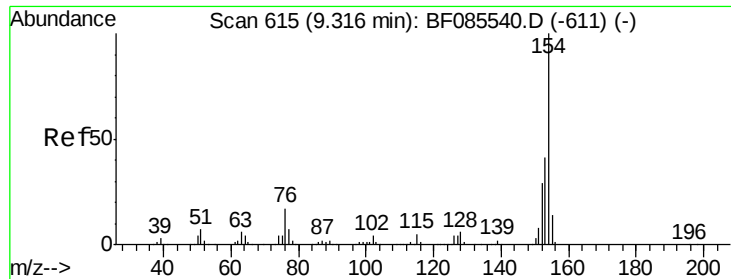
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#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1299590		
171	36.4	29.4	44.2	
170	24.4	19.8	29.6	





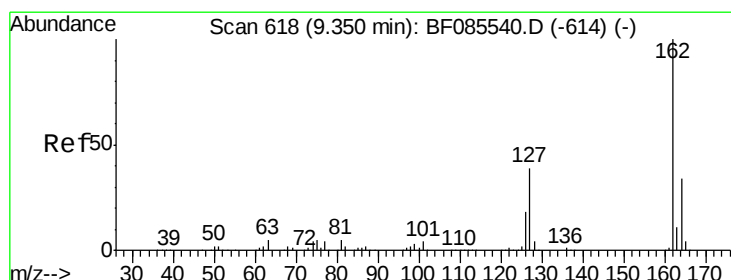
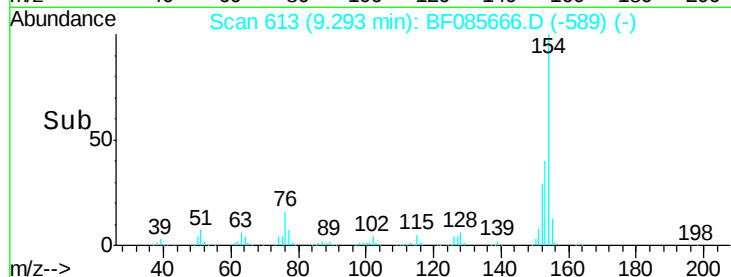
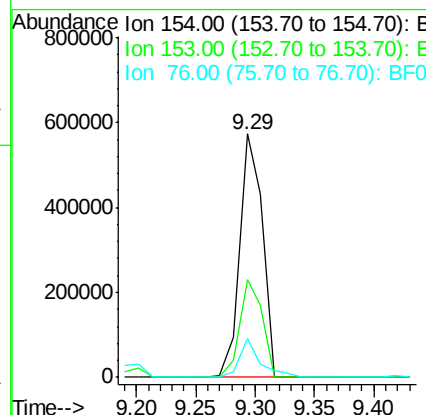
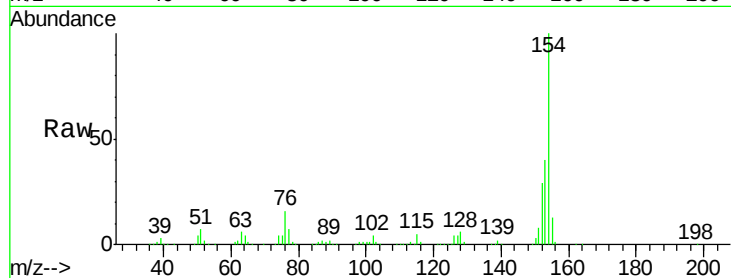
#45
1,1'-Biphenyl
Concen: 31.49 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	20.8	60.8
76	15.9	0.0	36.7

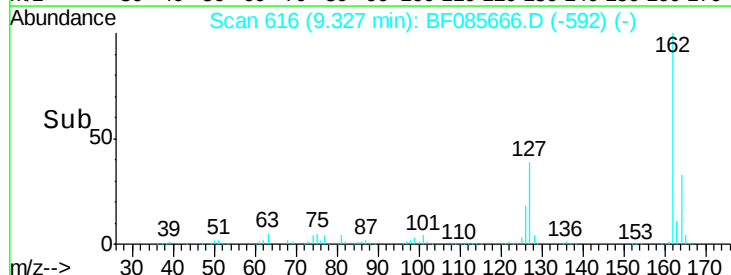
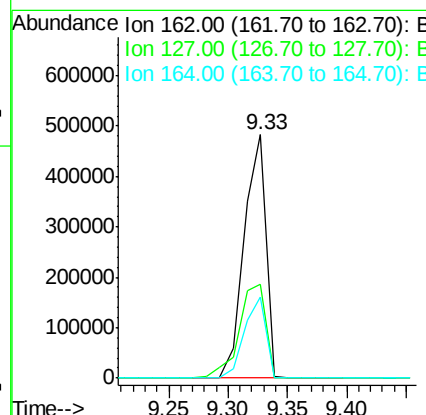
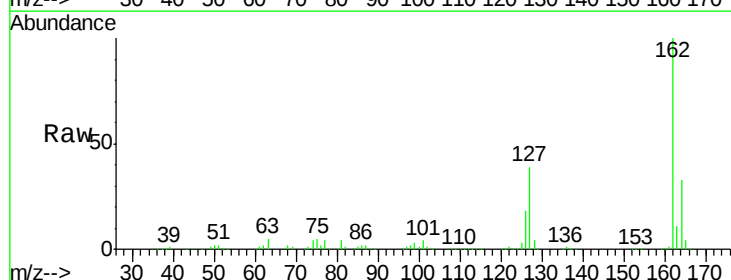
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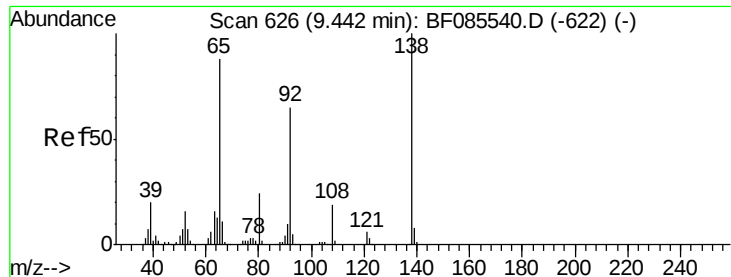
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#46
2-Chloronaphthalene
Concen: 34.97 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	31.7	47.5
164	33.4	27.3	40.9





#47

2-Nitroaniline

Concen: 35.81 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

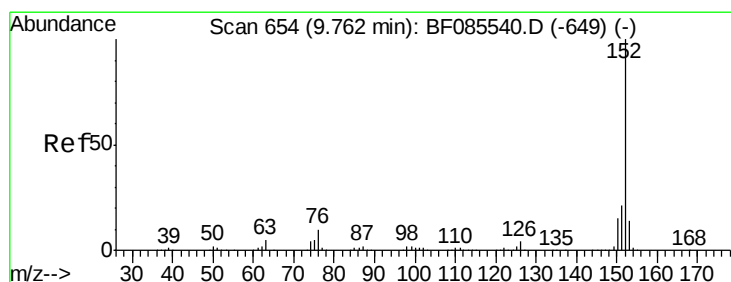
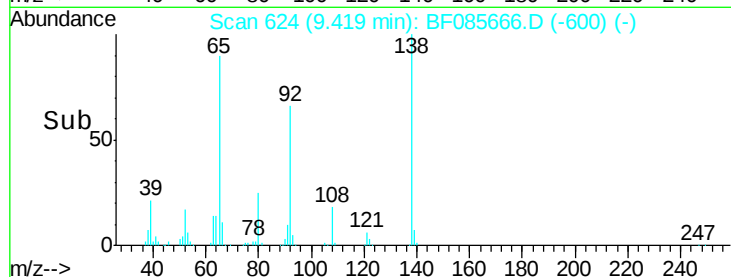
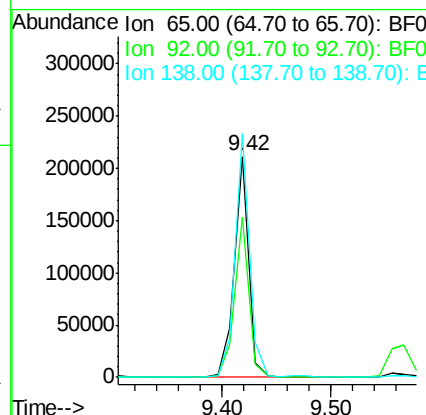
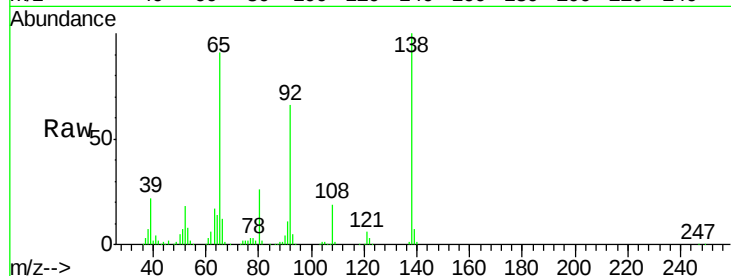
ClientSampleId :

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Tgt Ion:	65	Resp:	191340
Ion Ratio	Lower	Upper	
65	100		
92	72.8	59.7	89.5
138	110.3	91.4	137.0

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#48

Acenaphthylene

Concen: 35.44 ng

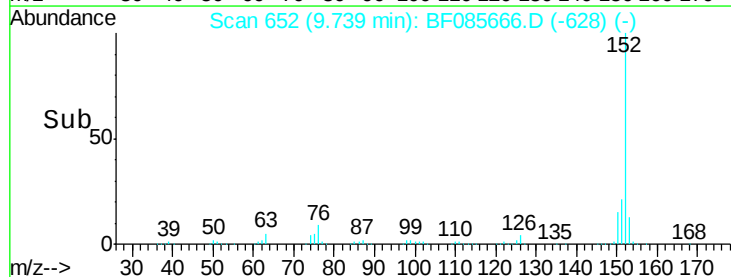
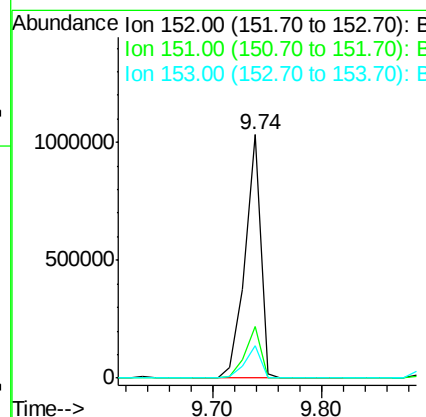
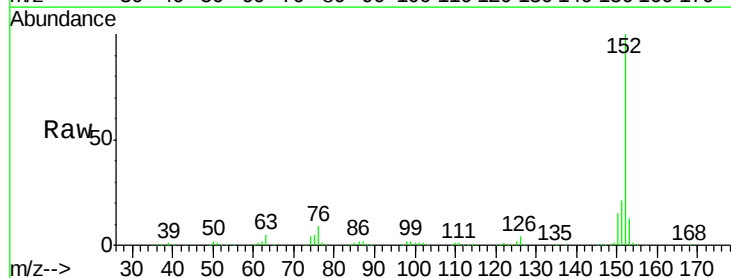
RT: 9.74 min Scan# 652

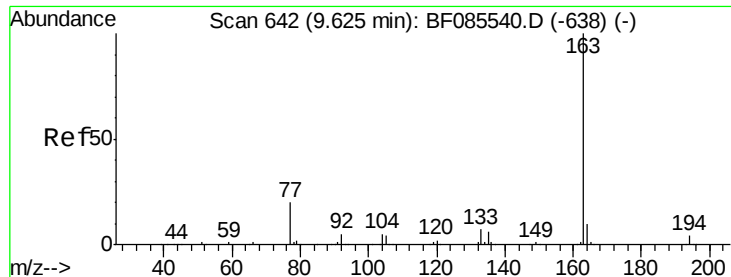
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	152	Resp:	1012873
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2
153	13.4	10.9	16.3





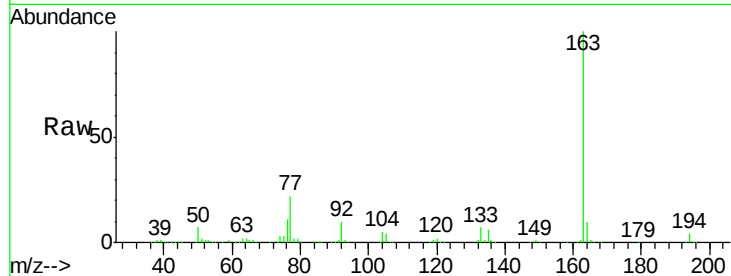
#49
Dimethylphthalate
Concen: 33.91 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

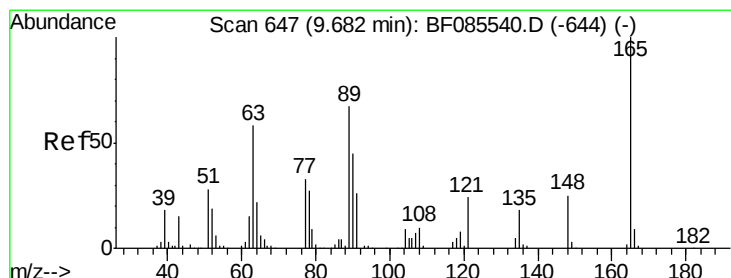
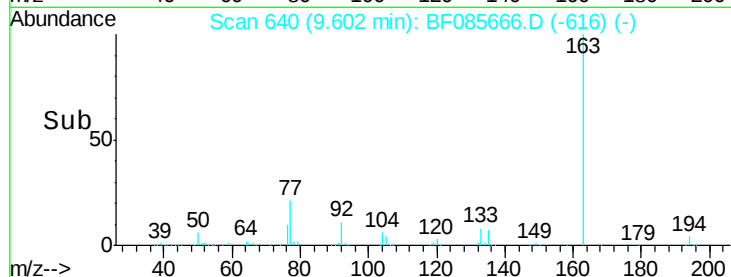
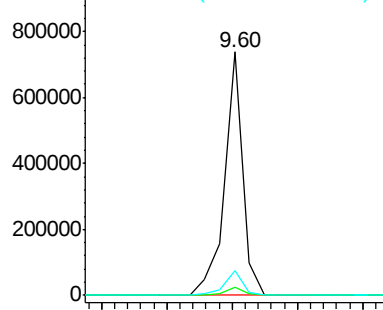
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.9	4.3
164	10.4	8.3	12.5

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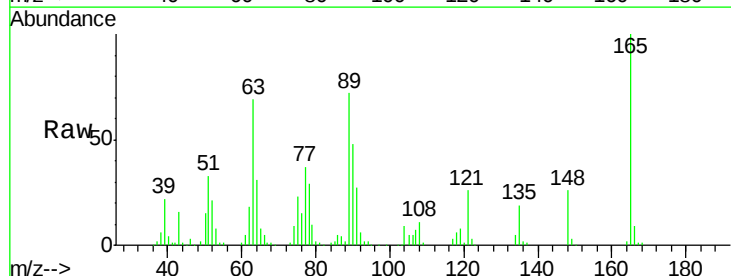


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

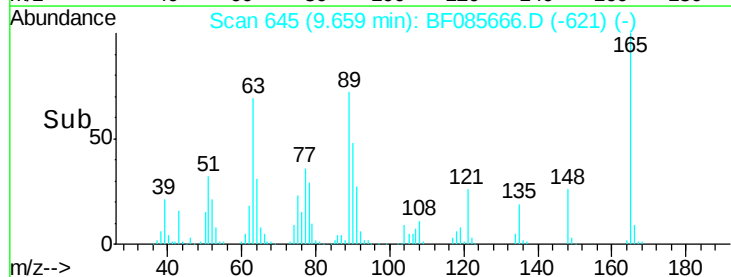
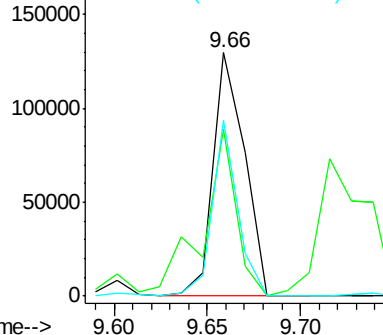


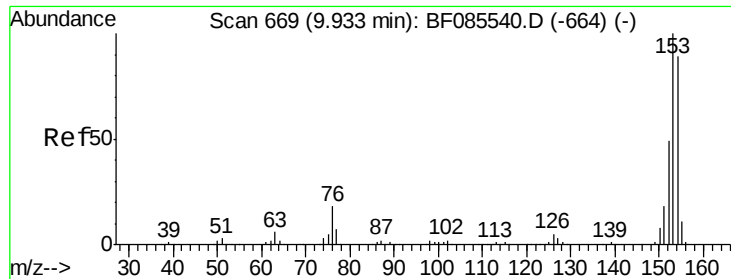
#50
2,6-Dinitrotoluene
Concen: 33.98 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.5	51.8	77.8
89	72.4	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: 34.32 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085666.D

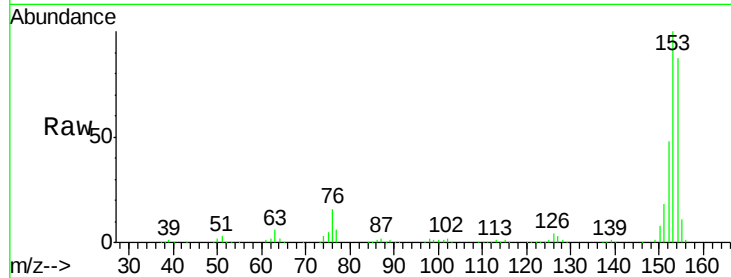
Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

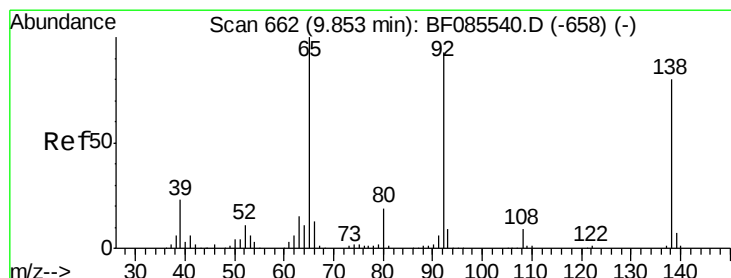
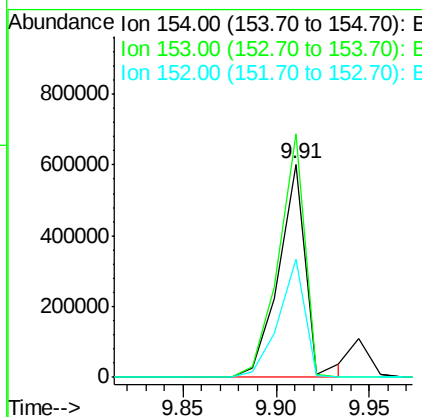
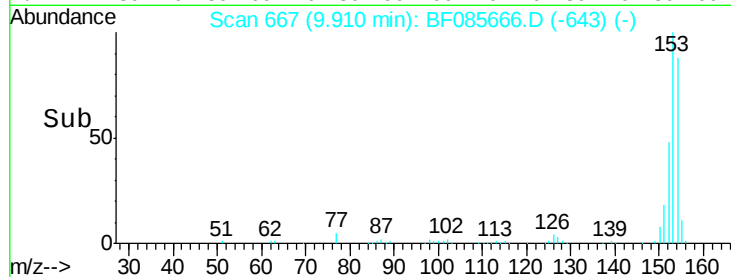
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Tgt Ion:	154	Resp:	615602
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.1	135.1
152	55.3	44.2	66.2

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#52

3-Nitroaniline

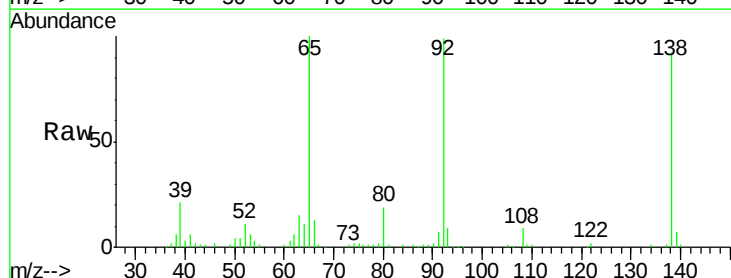
Concen: 15.29 ng

RT: 9.83 min Scan# 660

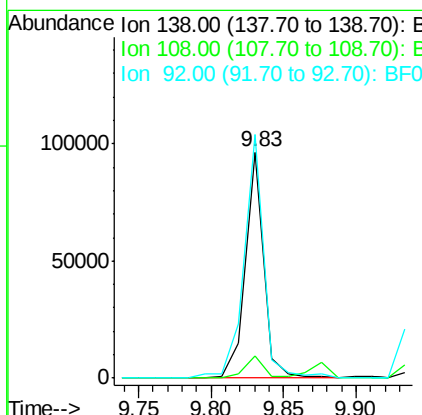
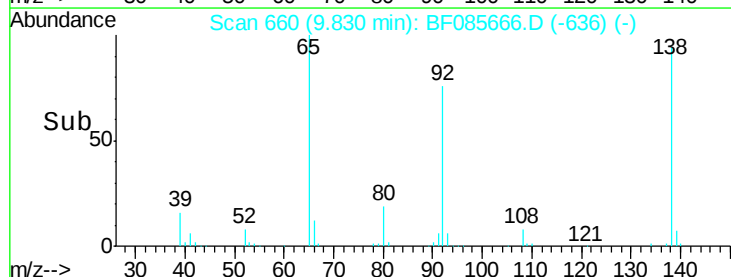
Delta R.T. -0.02 min

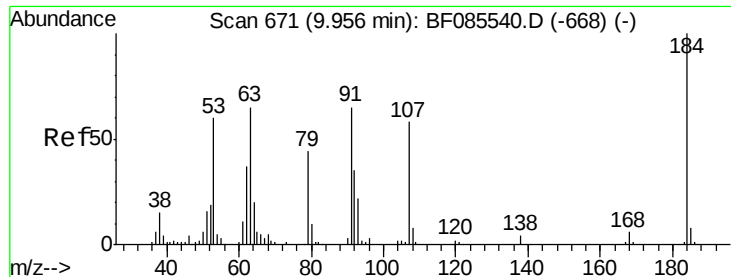
Lab File: BF085666.D

Acq: 22 Mar 2016 18:46



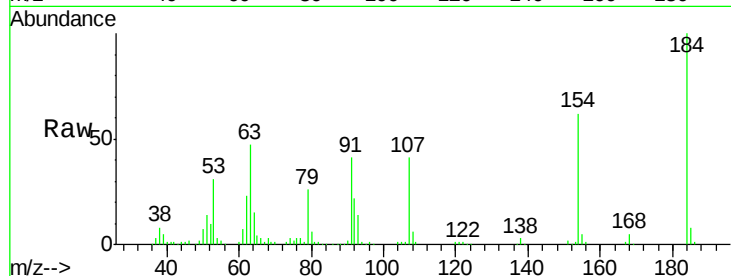
Tgt Ion:	138	Resp:	85479
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.7	13.1
92	107.6	93.3	139.9





#53
 2,4-Dinitrophenol
 Concen: 62.24 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

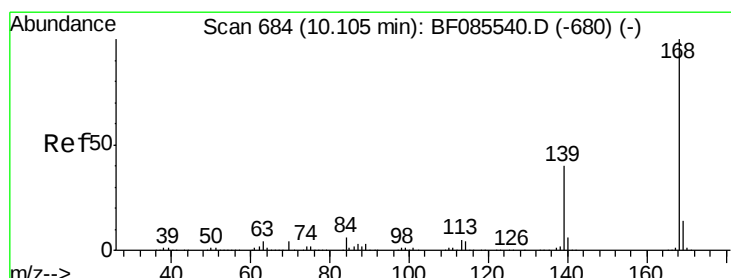
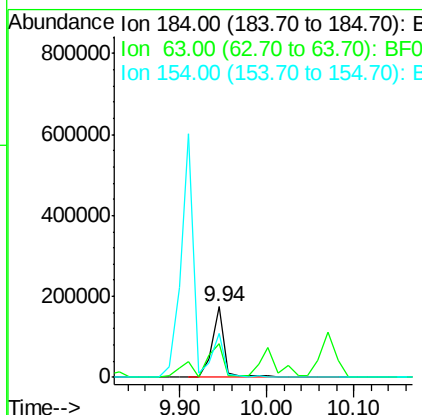
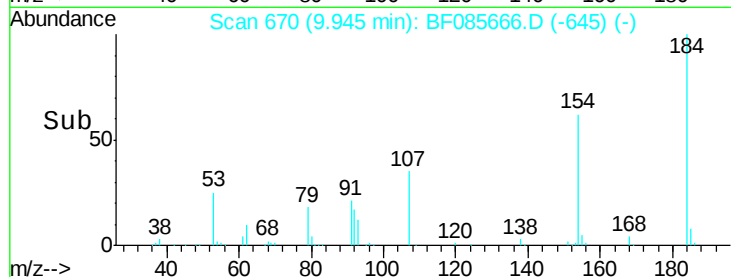
Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	170247		
63	46.9	69.5	104.3#	
154	62.0	58.3	87.5	

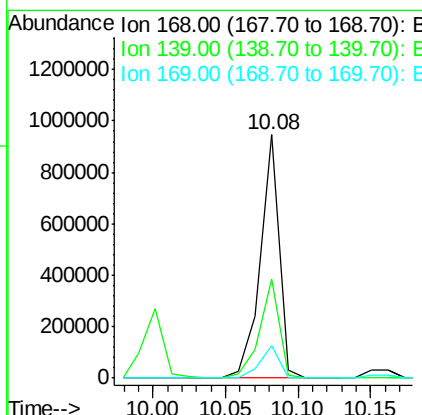
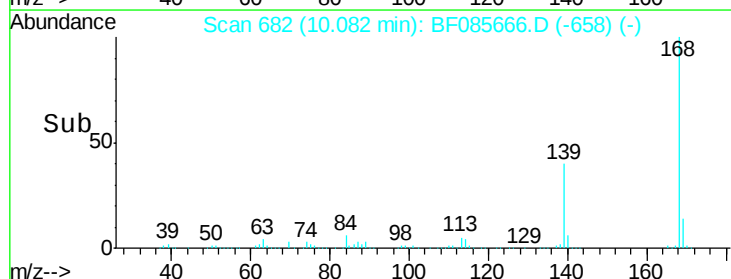
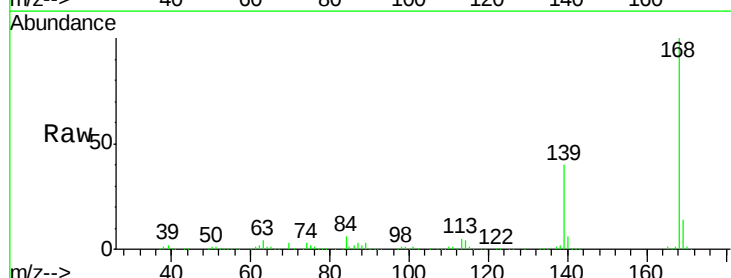
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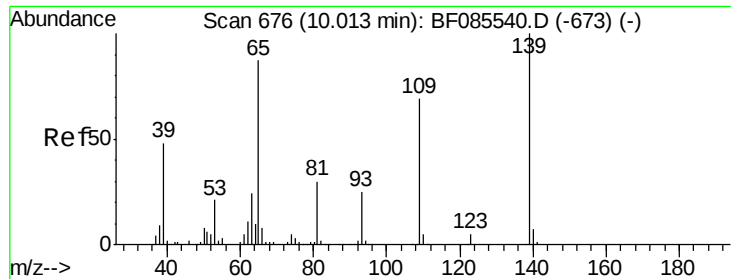
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#54
 Dibenzofuran
 Concen: 39.29 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	858158		
139	40.4	31.9	47.9	
169	13.5	11.0	16.6	





#55

4-Nitrophenol

Concen: 63.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

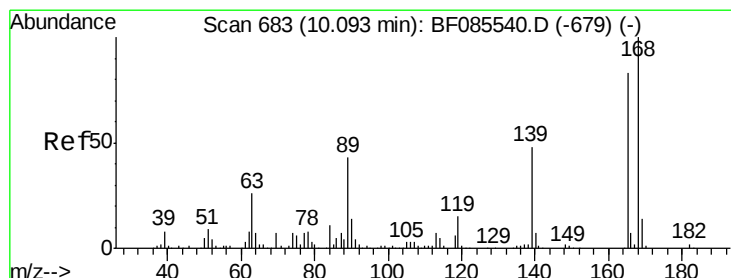
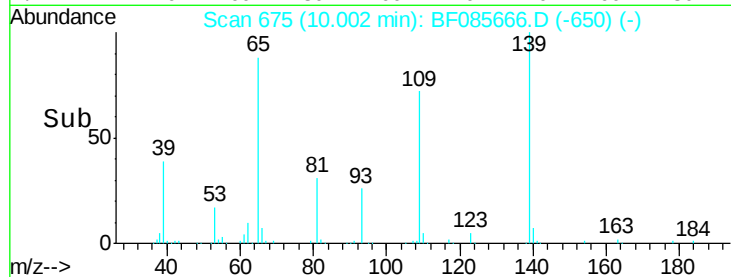
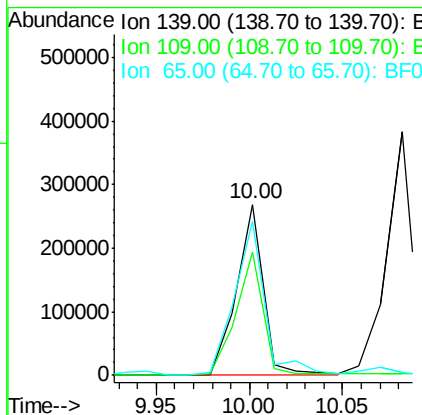
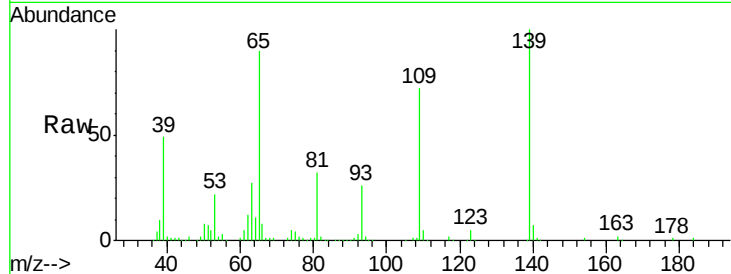
PB89079BS

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Tgt Ion:	139	Resp:	272258
Ion Ratio	Lower	Upper	
139	100		
109	71.8	49.2	89.2
65	89.8	66.9	106.9



#56

2,4-Dinitrotoluene

Concen: 40.01 ng

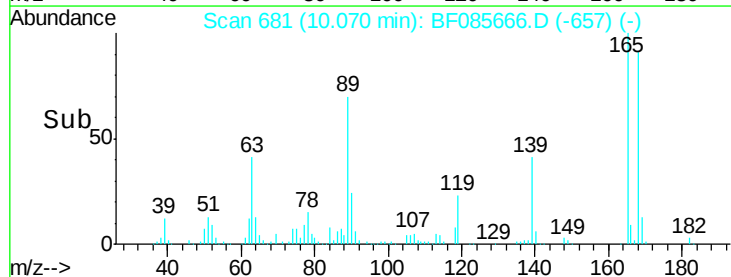
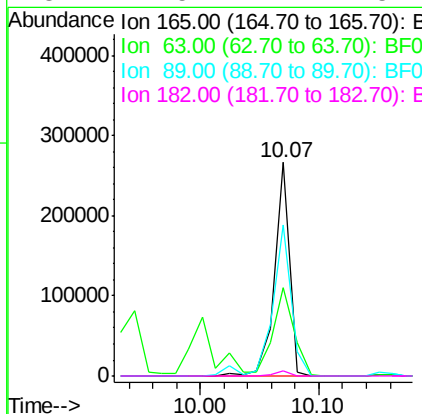
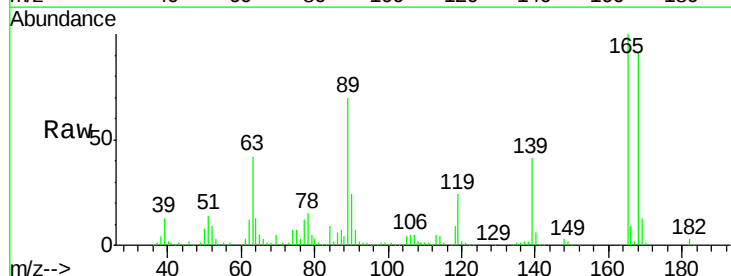
RT: 10.07 min Scan# 681

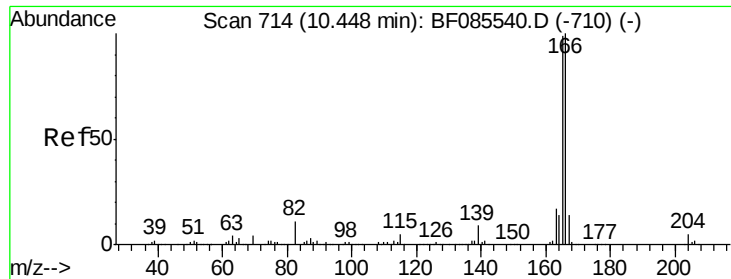
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	165	Resp:	233867
Ion Ratio	Lower	Upper	
165	100		
63	41.6	24.9	37.3#
89	70.5	41.0	61.6#
182	2.5	2.1	3.1





#57

Fluorene

Concen: 37.44 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

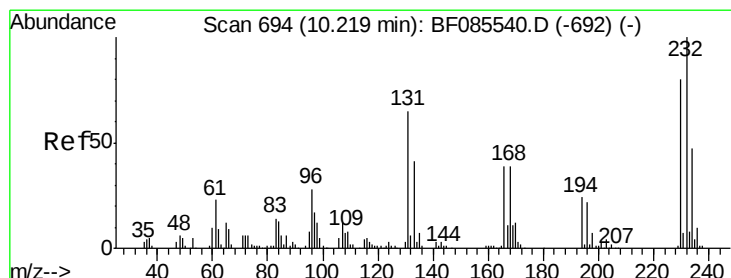
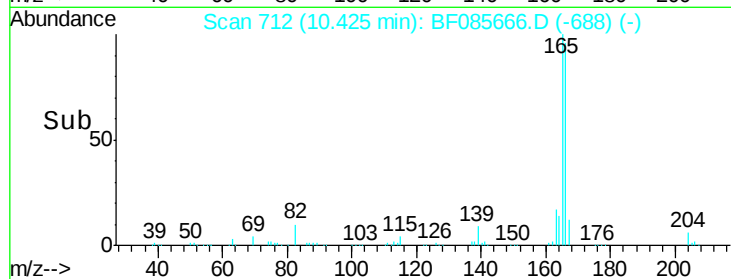
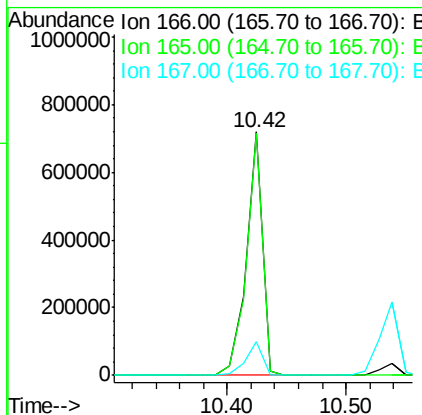
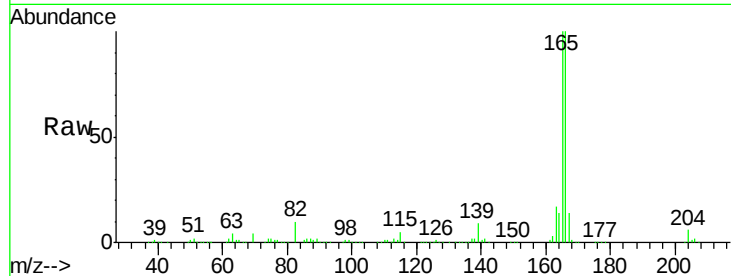
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Tgt	Ion	Resp	Lower	Upper
166	100			
165	99.7	79.4	119.0	
167	13.6	11.0	16.4	



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.09 ng

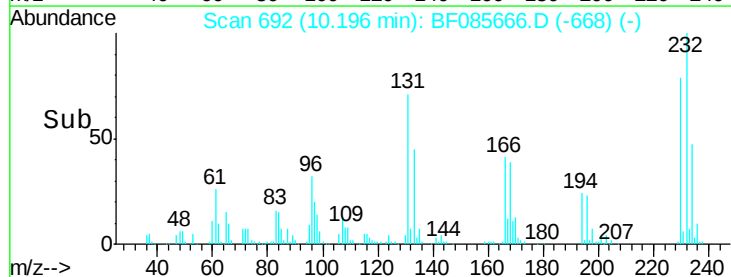
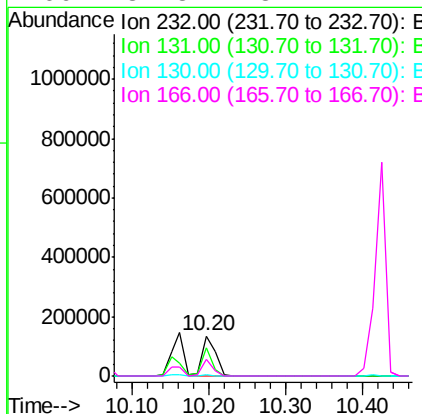
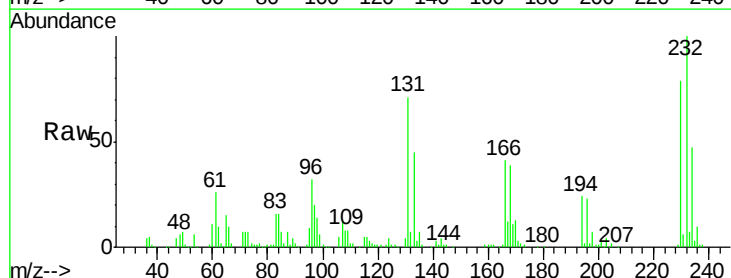
RT: 10.20 min Scan# 692

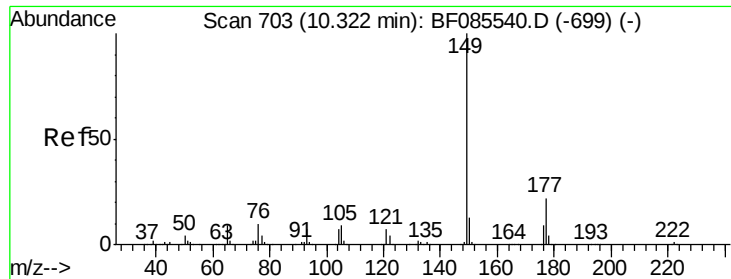
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt	Ion	Resp	Lower	Upper
232	100			
131	55.0	44.9	67.3	
130	2.7	2.3	3.5	
166	32.8	28.1	42.1	





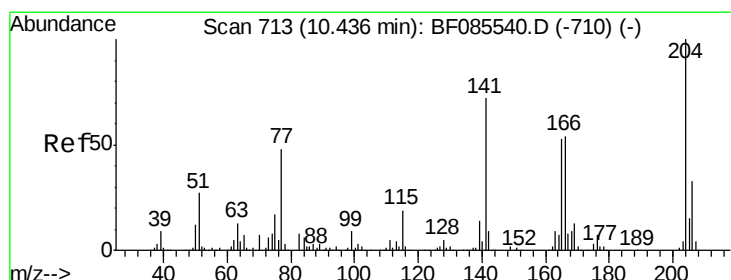
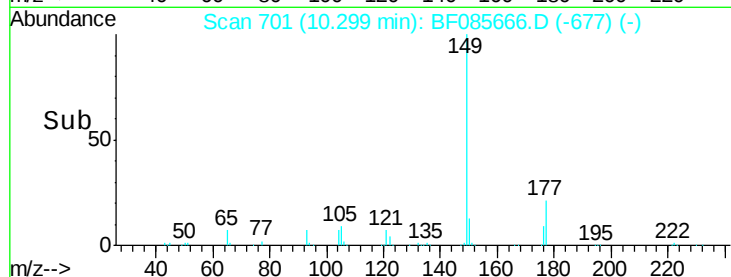
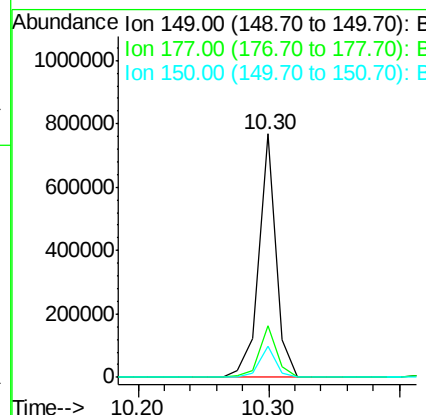
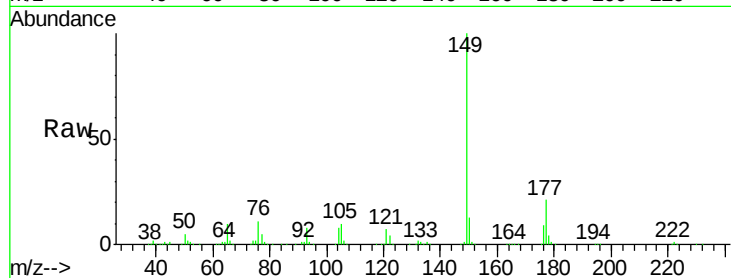
#59
Diethylphthalate
Concen: 33.60 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.4	17.9	26.9
150	12.8	10.2	15.2

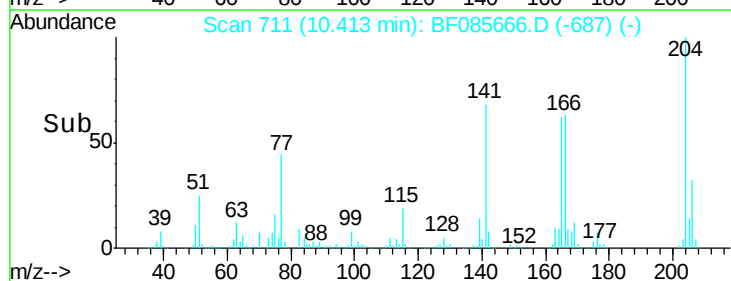
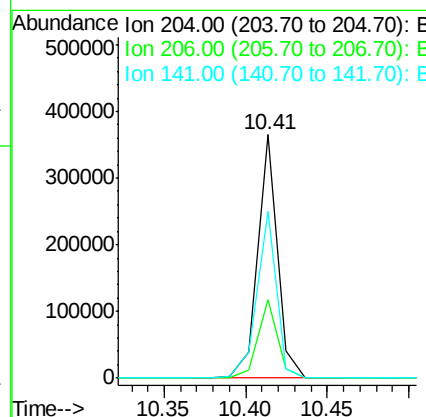
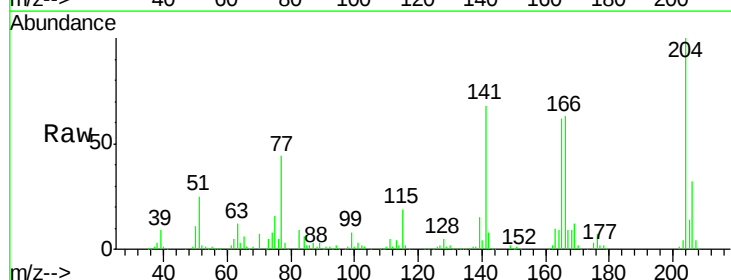
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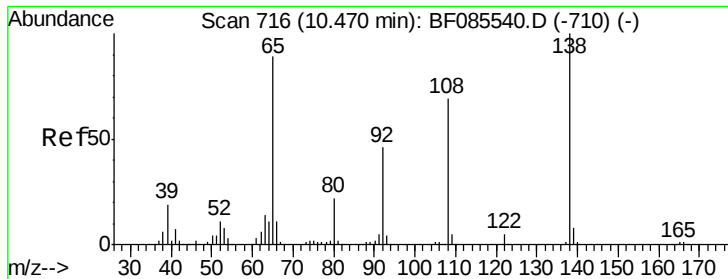
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#60
4-Chlorophenyl-phenylether
Concen: 34.38 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.1	26.6	39.8
141	68.4	57.4	86.0





#61

4-Nitroaniline

Concen: 33.27 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

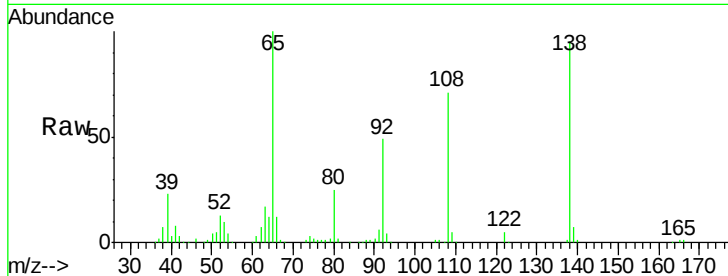
ClientSampleId :

PB89079BS

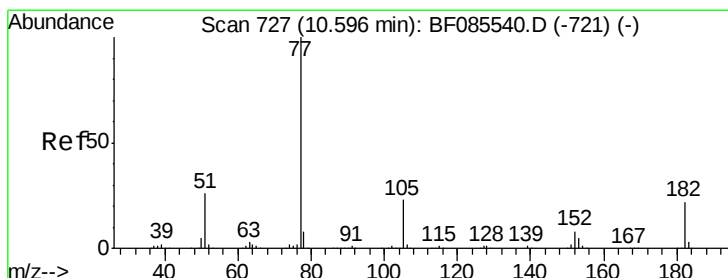
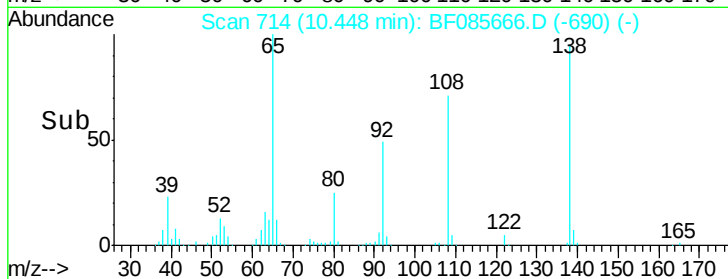
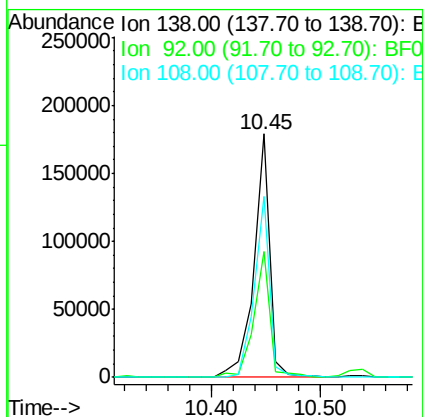
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Tgt Ion:	138	Resp:	183387
Ion Ratio	Lower	Upper	
138	100		
92	51.5	26.4	66.4
108	74.5	49.0	89.0



#62

Azobenzene

Concen: 38.18 ng

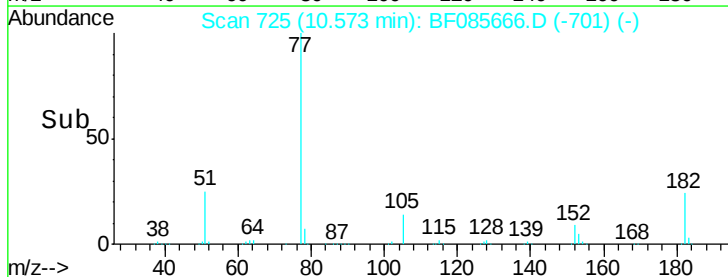
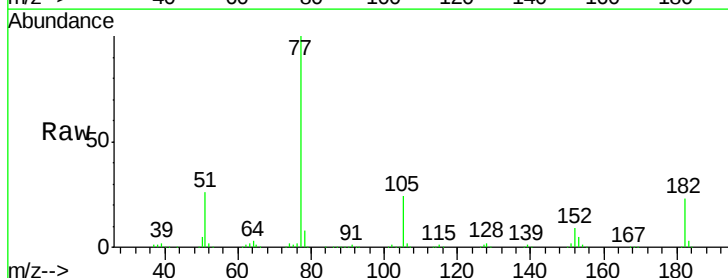
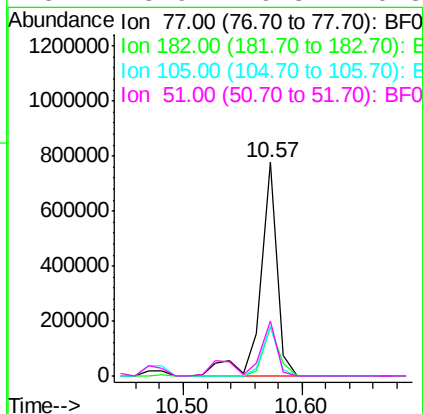
RT: 10.57 min Scan# 725

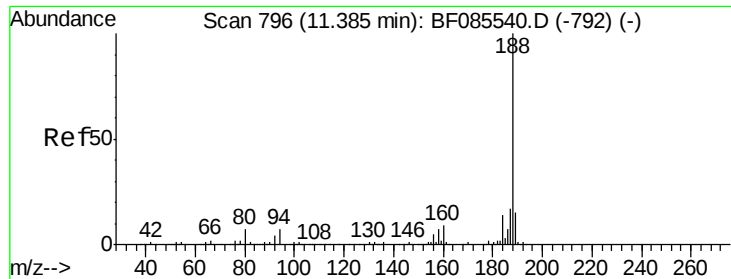
Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Tgt Ion:	77	Resp:	770336
Ion Ratio	Lower	Upper	
77	100		
182	22.6	1.9	41.9
105	23.6	3.5	43.5
51	25.9	6.3	46.3





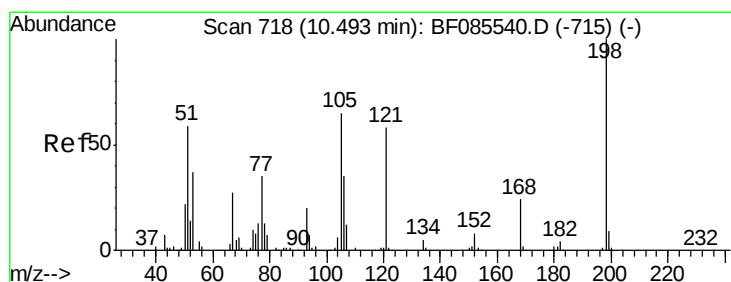
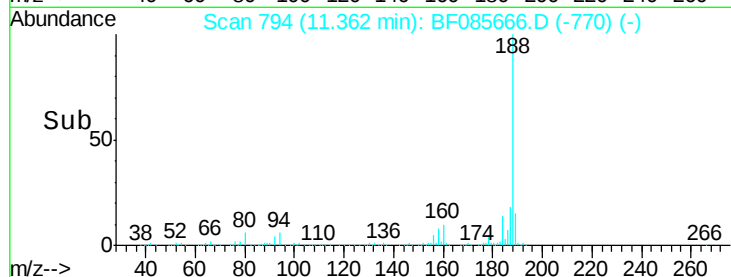
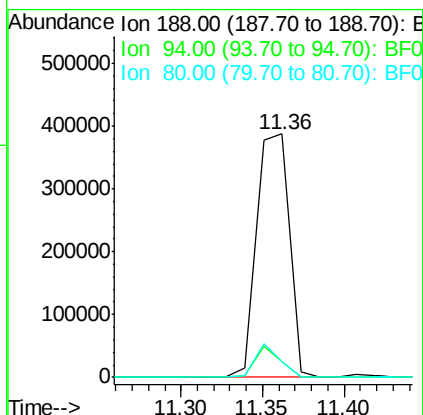
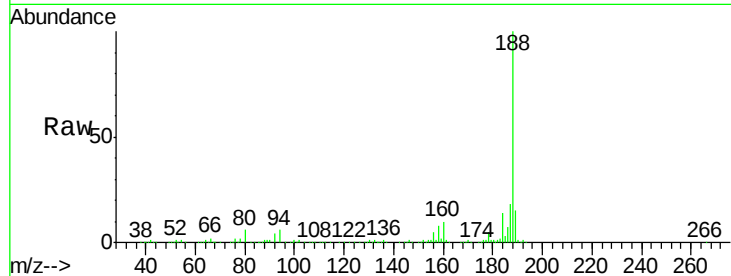
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.5	5.4	8.0
80	6.3	5.5	8.3

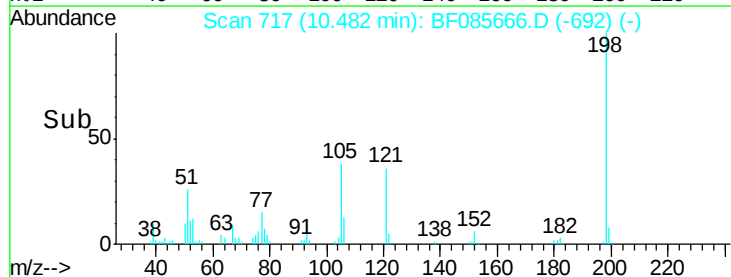
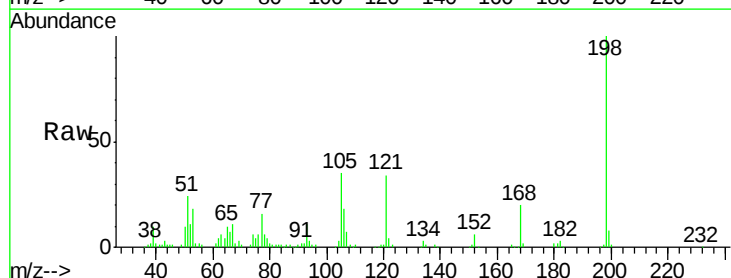
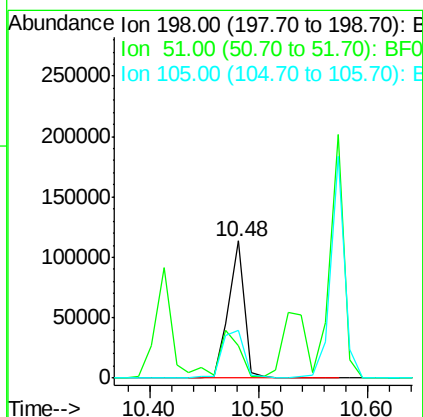
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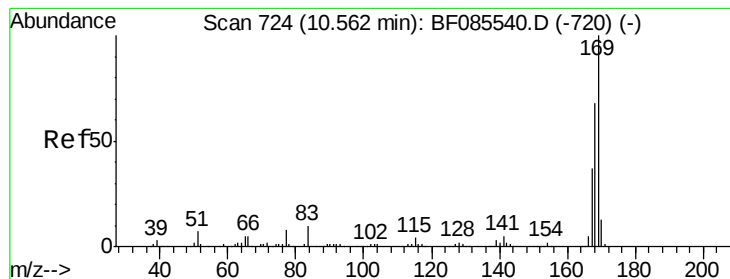
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.08 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.7	45.4	85.4#
105	34.8	45.9	85.9#





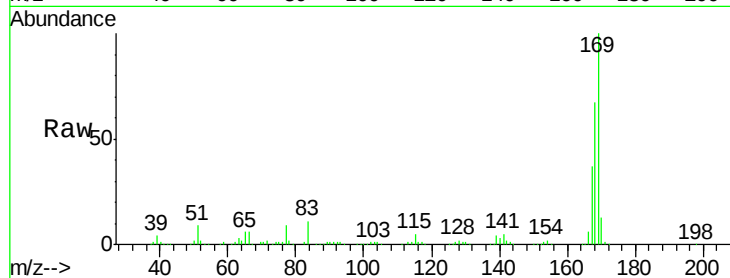
#65
 n-Nitrosodiphenylamine
 Concen: 37.29 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

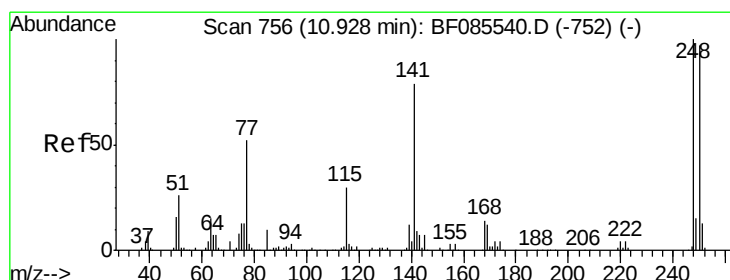
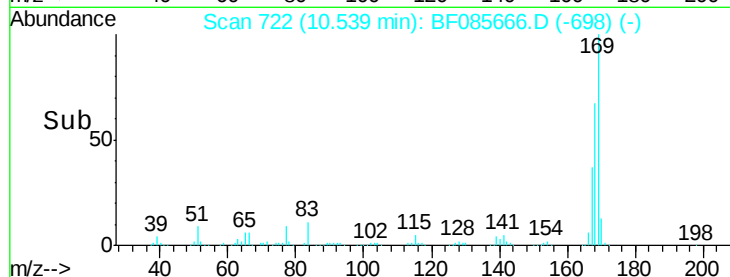
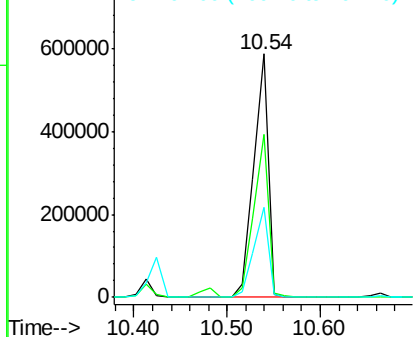
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	630644		
168	67.1	54.4	81.6	
167	37.0	29.4	44.0	

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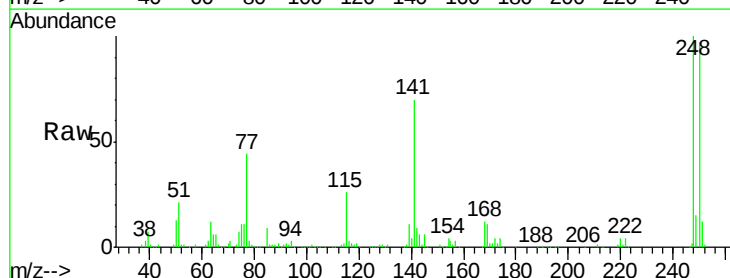


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

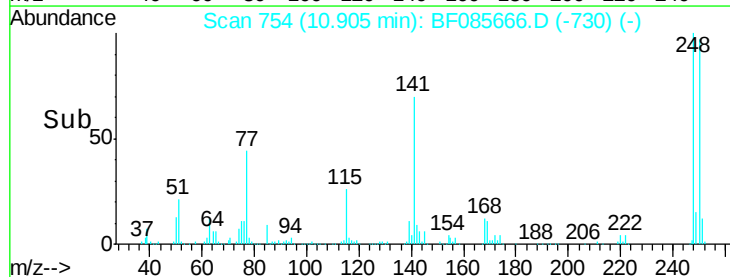
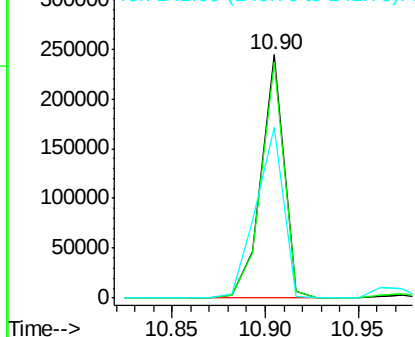


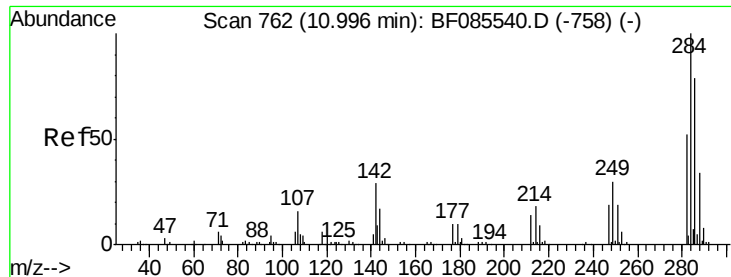
#66
 4-Bromophenyl-phenylether
 Concen: 38.00 ng
 RT: 10.90 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	206120		
250	97.1	77.4	116.0	
141	70.3	63.6	95.4	



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





#67

Hexachlorobenzene

Concen: 38.05 ng

RT: 10.97 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

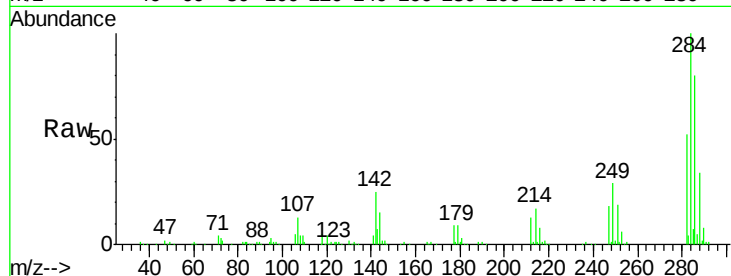
ClientSampleId :

PB89079BS

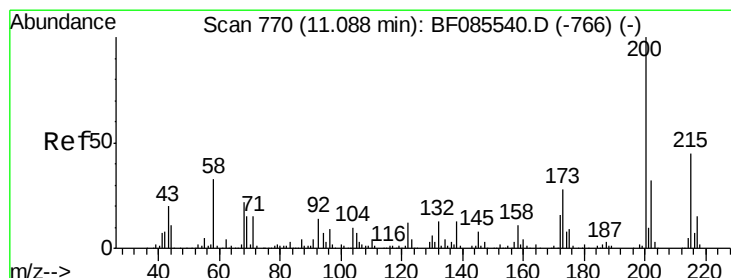
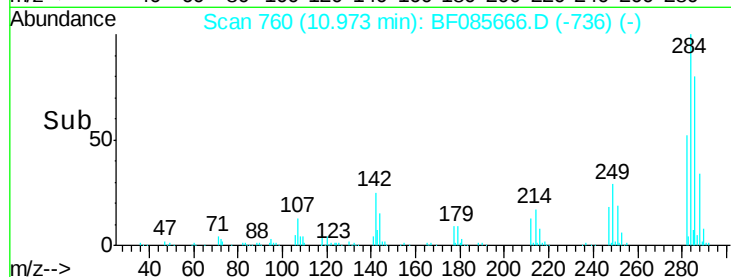
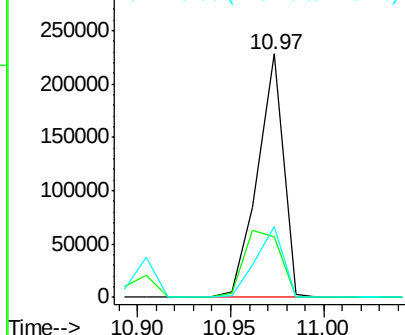
Tgt Ion:	284	Resp:	219261
Ion Ratio	Lower	Upper	
284	100		
142	25.0	23.1	34.7
249	29.3	24.2	36.2

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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: 41.49 ng

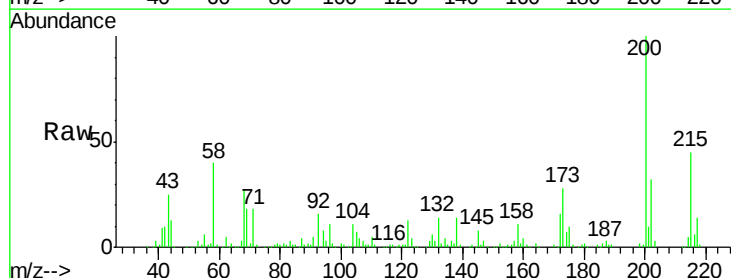
RT: 11.06 min Scan# 768

Delta R.T. -0.02 min

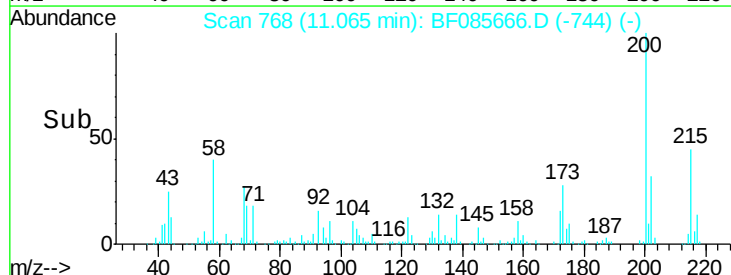
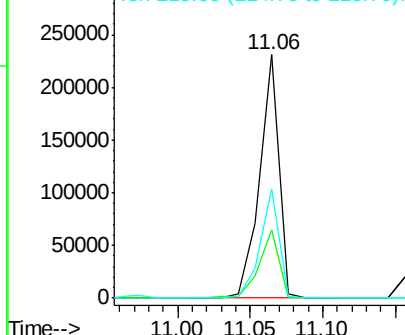
Lab File: BF085666.D

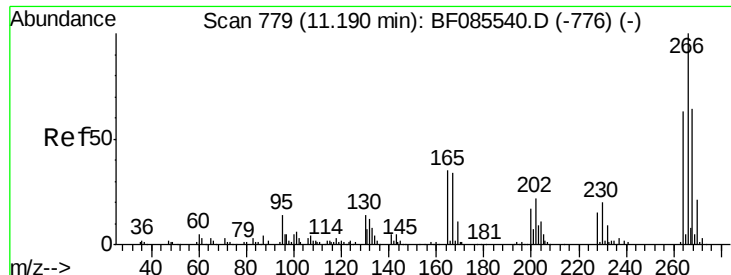
Acq: 22 Mar 2016 18:46

Tgt Ion:	200	Resp:	213630
Ion Ratio	Lower	Upper	
200	100		
173	27.8	7.7	47.7
215	45.1	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





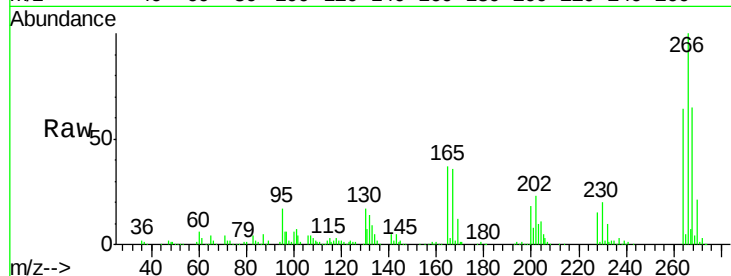
#69
 Pentachlorophenol
 Concen: 65.61 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

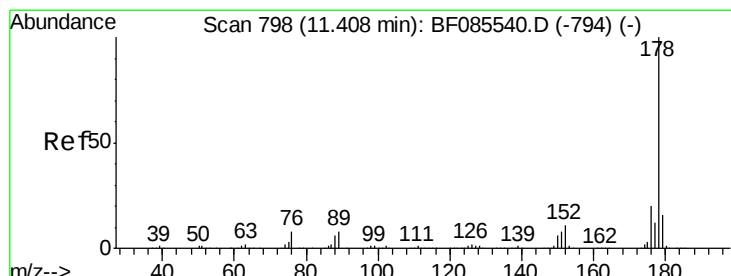
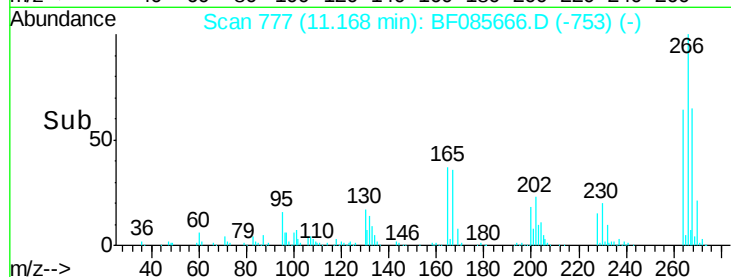
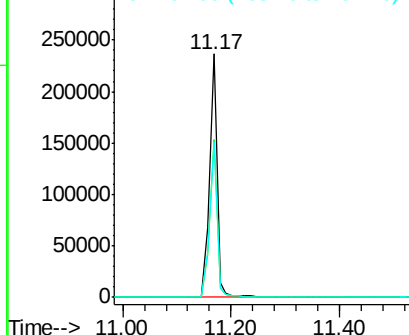
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	229545		
268	64.7	51.5	77.3	
264	63.8	50.6	76.0	

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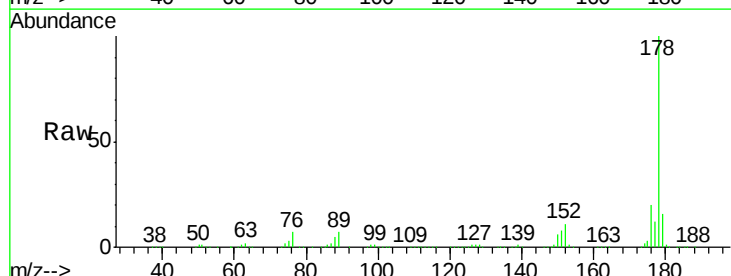


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

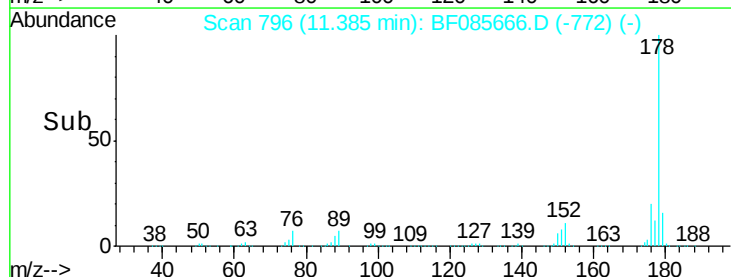
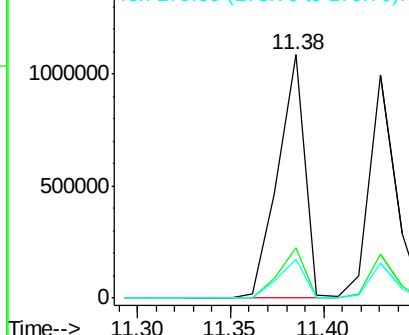


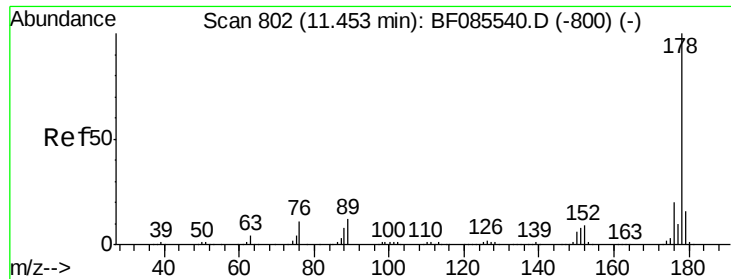
#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1093973		
176	20.5	16.3	24.5	
179	15.8	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





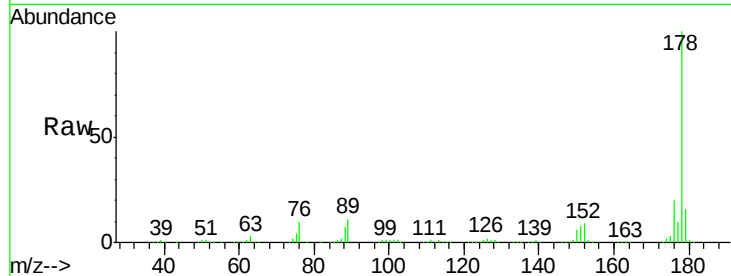
#71
 Anthracene
 Concen: 31.93 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

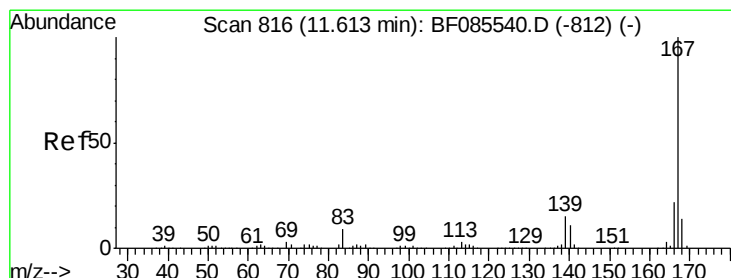
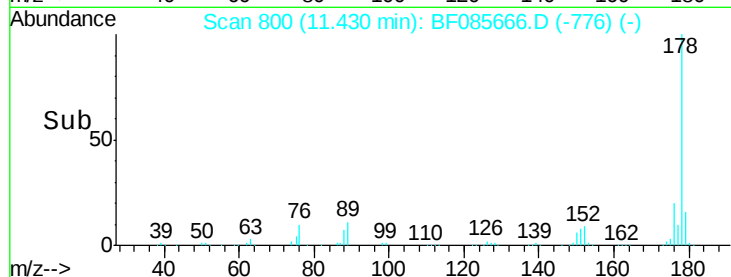
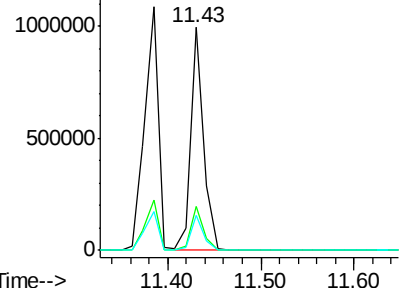
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	958321		
176	19.6	15.9	23.9	
179	16.0	13.0	19.4	

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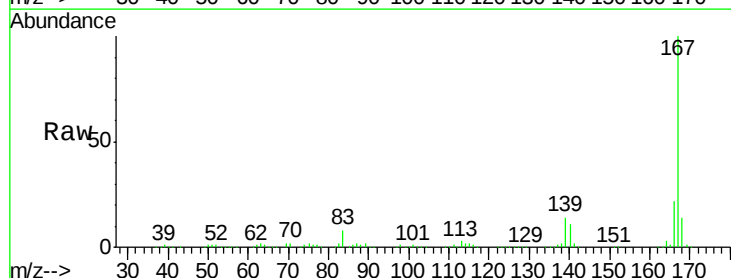


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

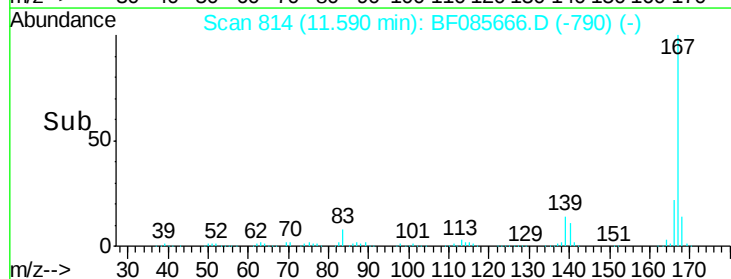
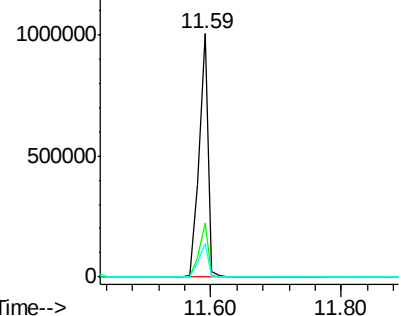


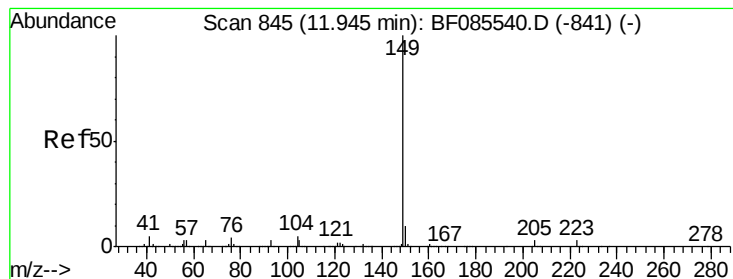
#72
 Carbazole
 Concen: 38.11 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	986898		
166	22.3	17.8	26.8	
139	14.1	11.6	17.4	



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





#73

Di-n-butylphthalate

Concen: 37.67 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB89079BS

Tgt Ion:149 Resp: 1221432

Ion Ratio Lower Upper

149 100

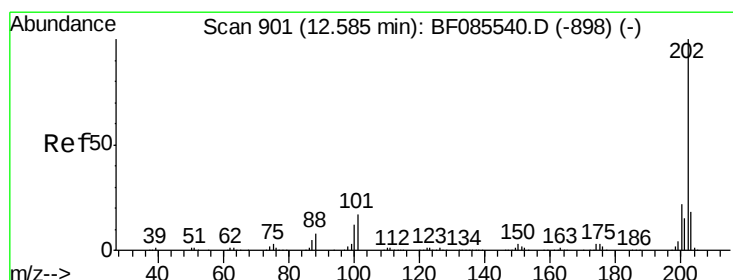
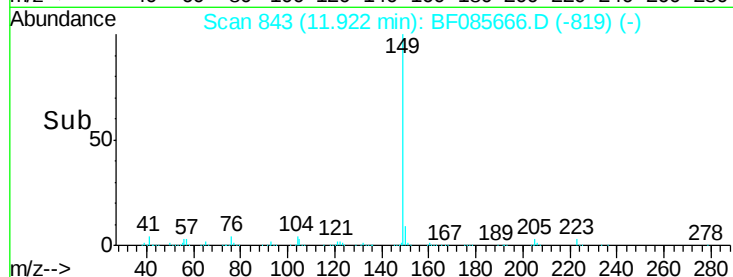
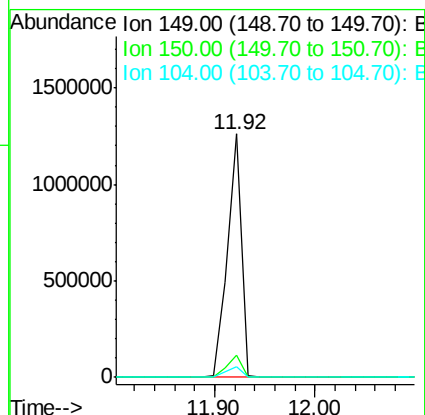
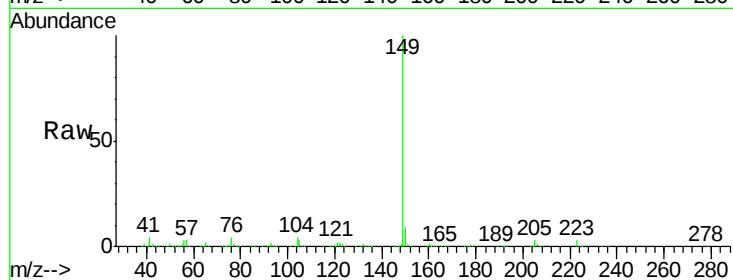
150 9.3 7.6 11.4

104 4.5 3.8 5.8

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#74

Fluoranthene

Concen: 33.45 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

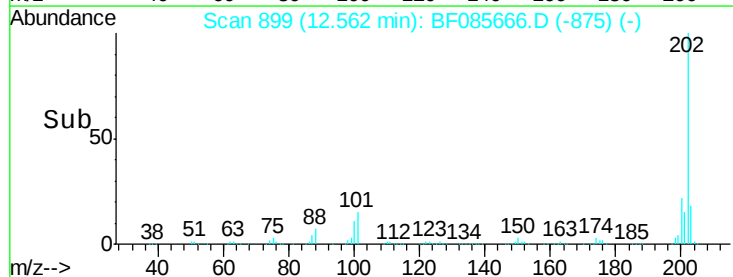
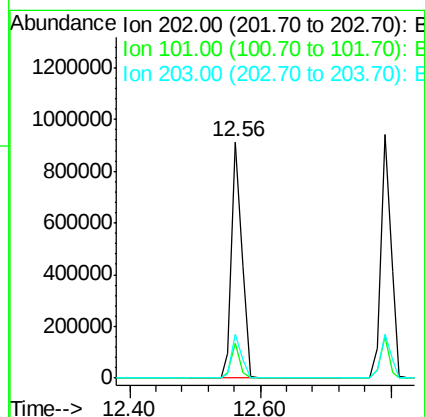
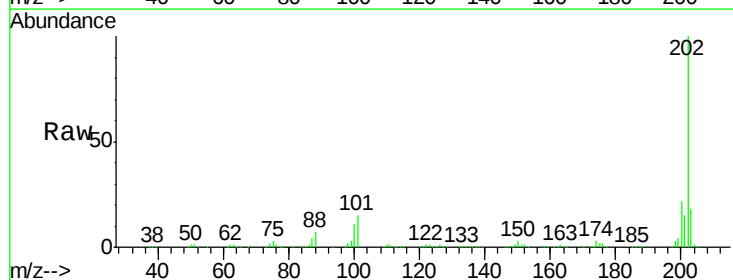
Tgt Ion:202 Resp: 1002706

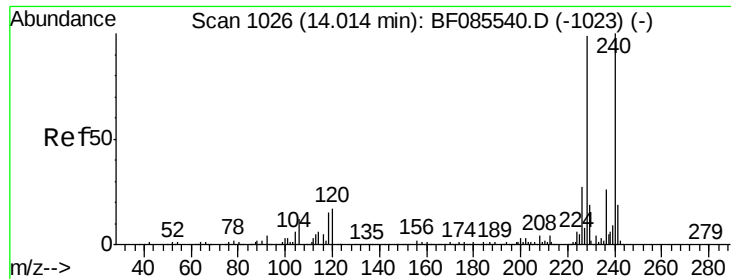
Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

203 18.3 0.0 38.1





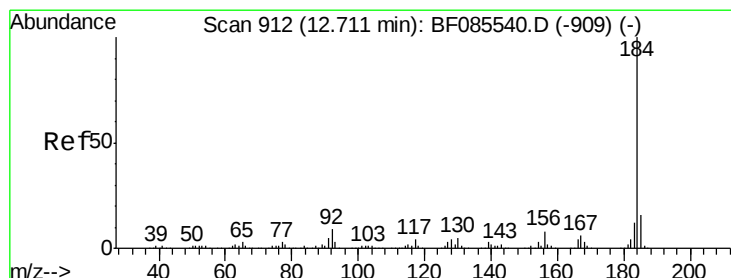
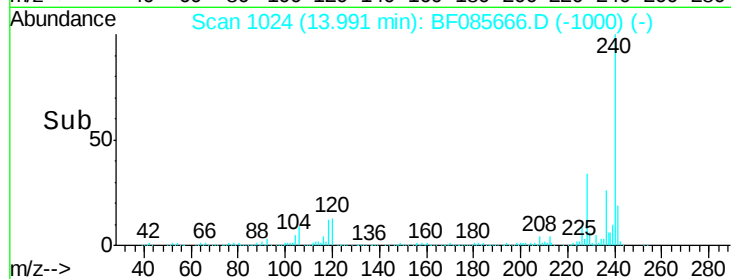
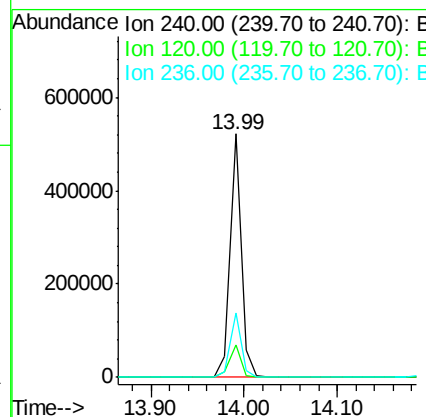
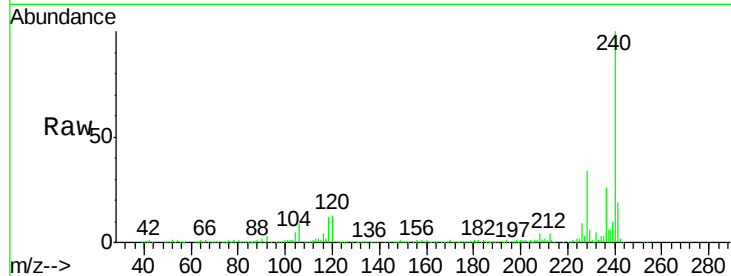
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	13.8	20.8#
236	26.4	20.6	30.8

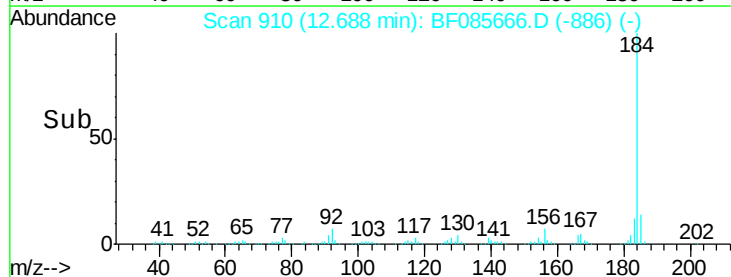
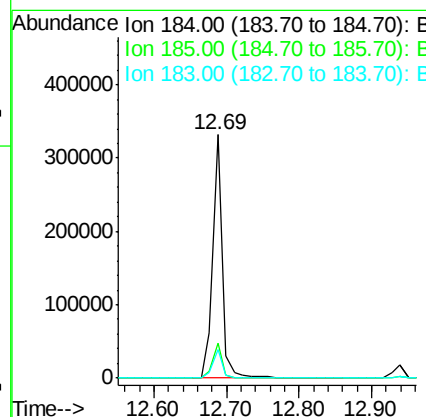
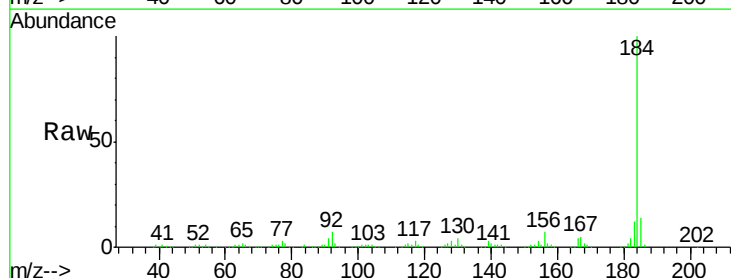
Manual Integrations
APPROVED

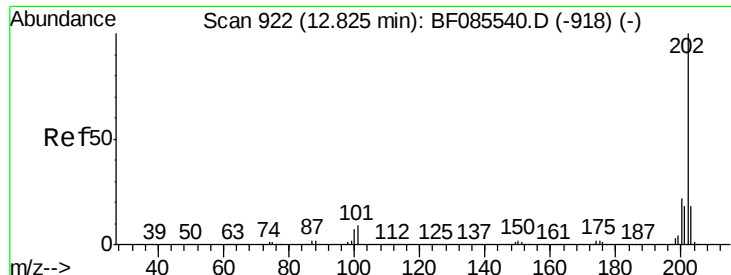
Sohil
3/23/2016 1:30:08 PM



#76
Benzidine
Concen: 21.07 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.4	18.6
183	11.6	9.4	14.2





#77

Pyrene

Concen: 32.62 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

Instrument :

BNA_F

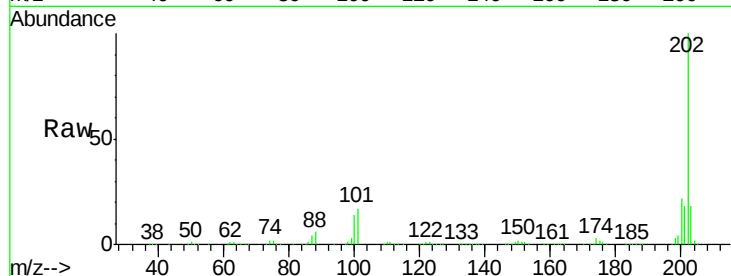
ClientSampleId :

PB89079BS

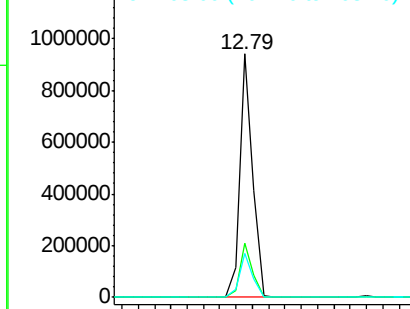
Tgt Ion:	202	Resp:	1018250
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.0	21.0

Manual Integrations
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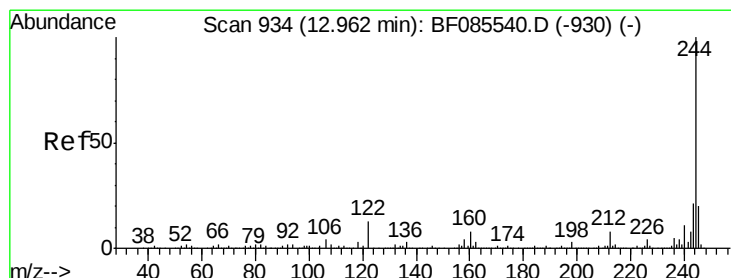
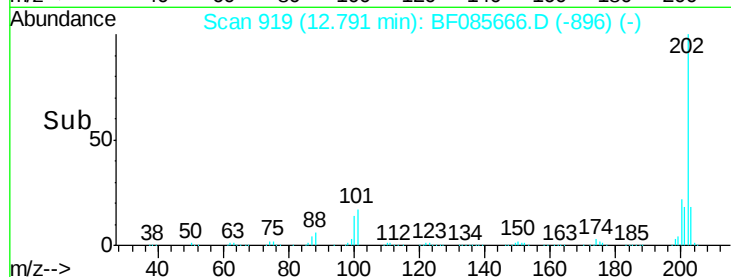
Sohil
3/23/2016 1:30:08 PM



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



Time-->



#78

Terphenyl-d14

Concen: 67.38 ng

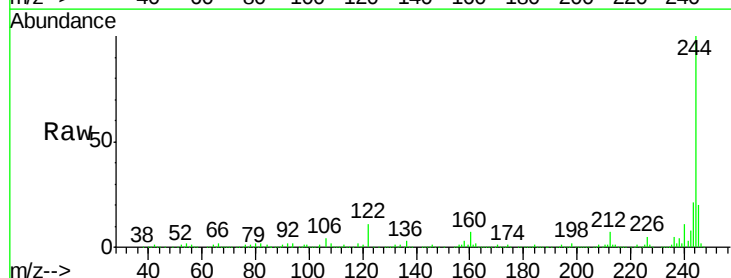
RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

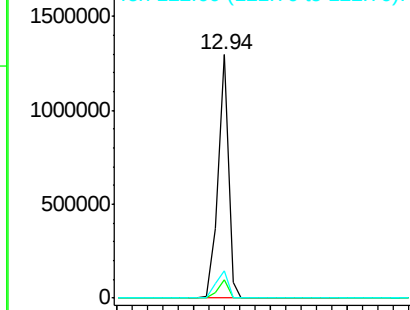
Lab File: BF085666.D

Acq: 22 Mar 2016 18:46

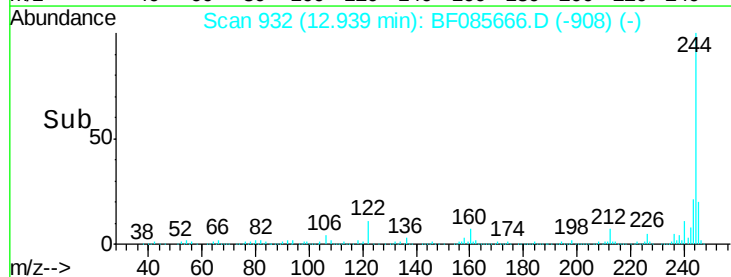
Tgt Ion:	244	Resp:	1217471
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.2	10.2	15.4

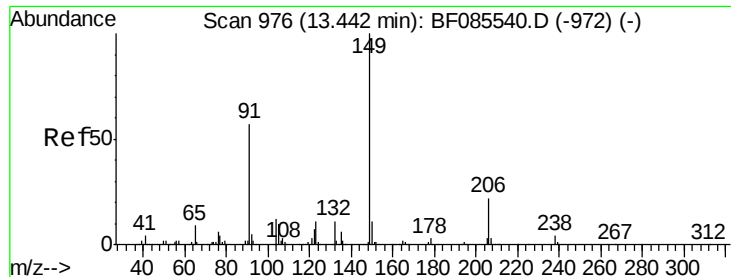


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





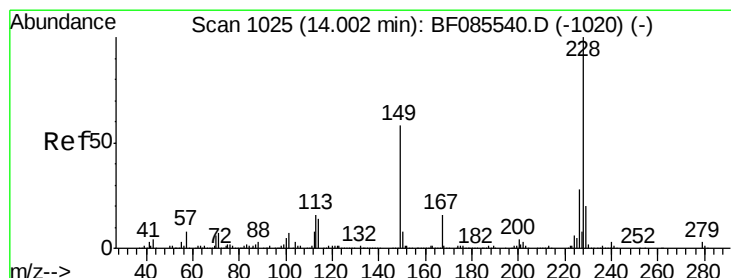
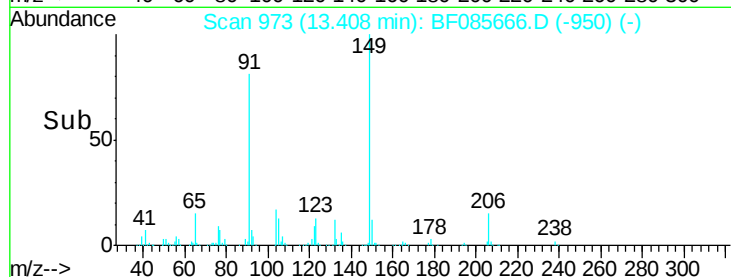
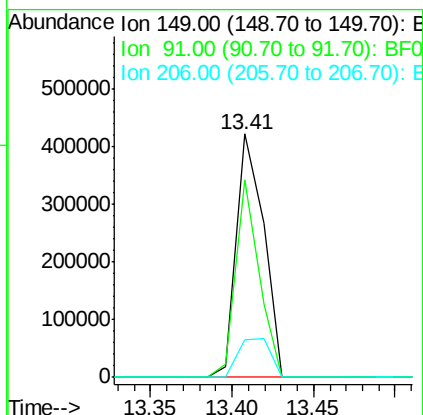
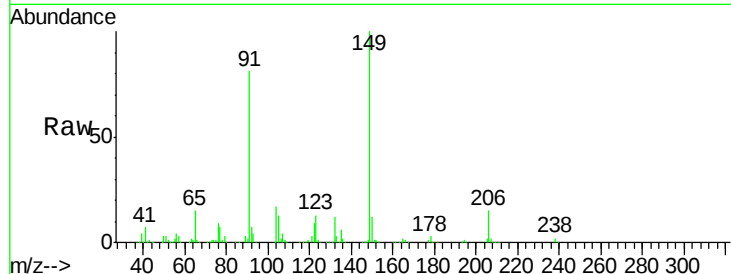
#79
Butylbenzylphthalate
Concen: 32.76 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	487446		
91	81.1	45.8	68.8#	
206	15.2	17.8	26.8#	

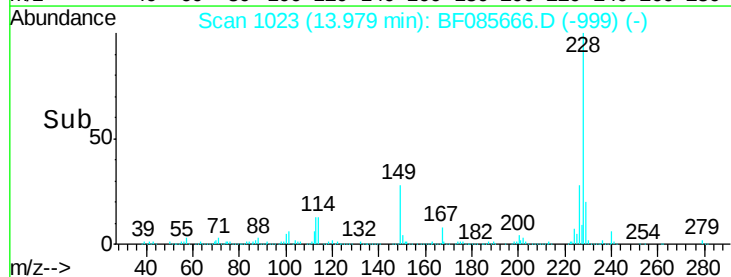
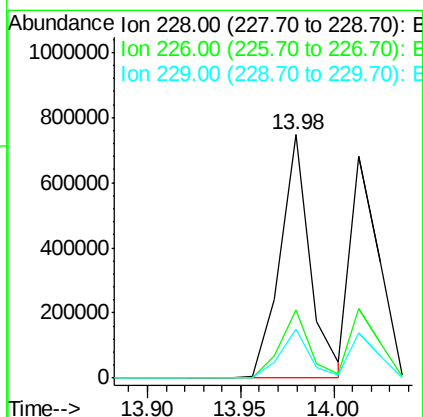
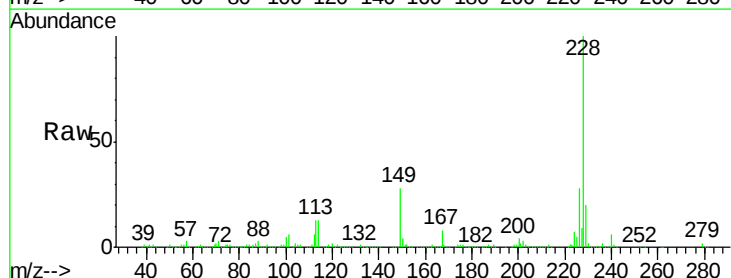
Manual Integrations
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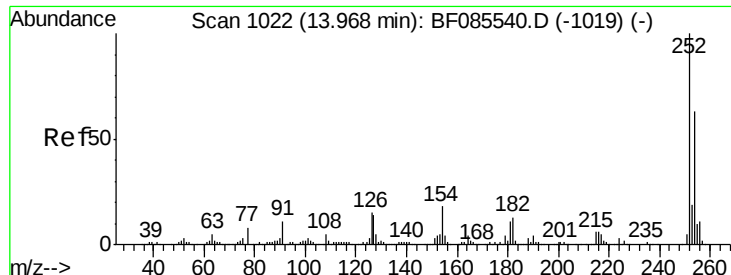
Sohil
3/23/2016 1:30:08 PM



#80
Benzo(a)anthracene
Concen: 33.02 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	833456		
226	28.3	22.1	33.1	
229	20.3	16.2	24.4	





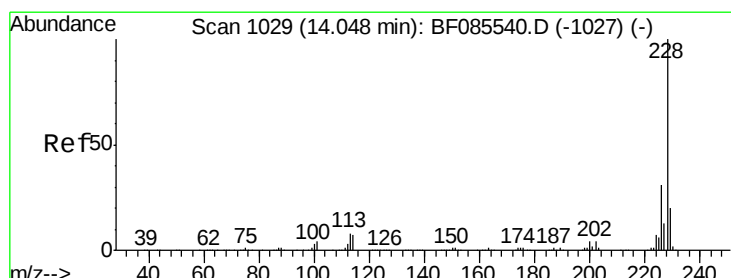
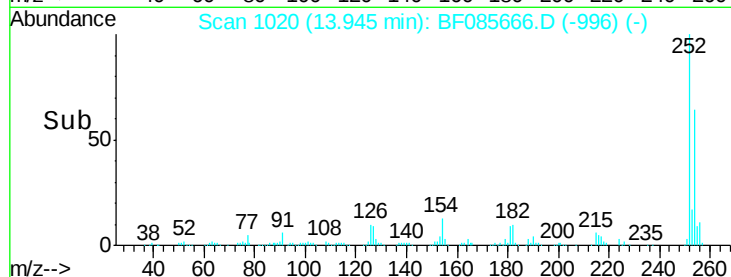
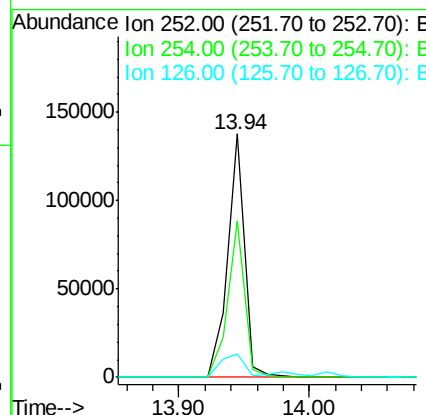
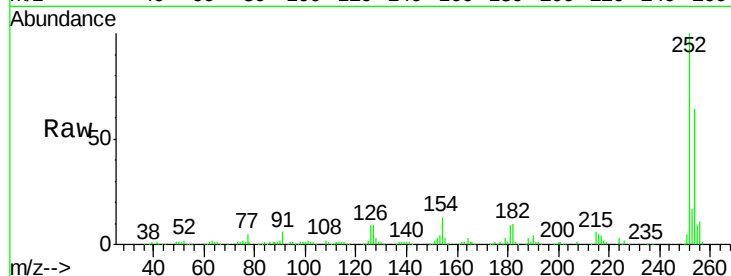
#81
 3,3'-Dichlorobenzidine
 Concen: 13.60 ng
 RT: 13.94 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	50.7	76.1
126	9.5	11.8	17.6

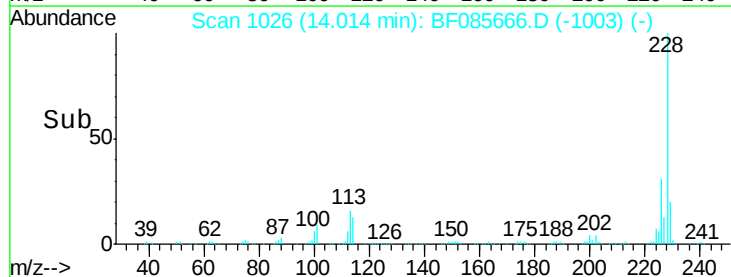
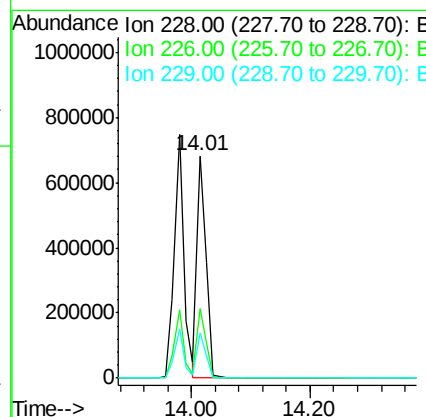
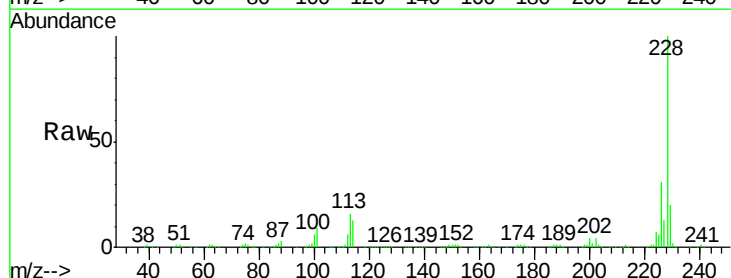
Manual Integrations
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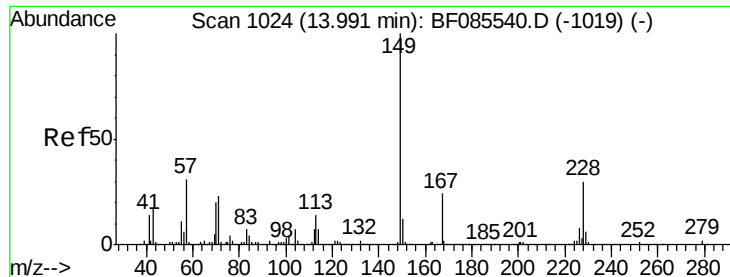
Sohil
 3/23/2016 1:30:08 PM



#82
 Chrysene
 Concen: 30.18 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.6
229	20.4	15.7	23.5





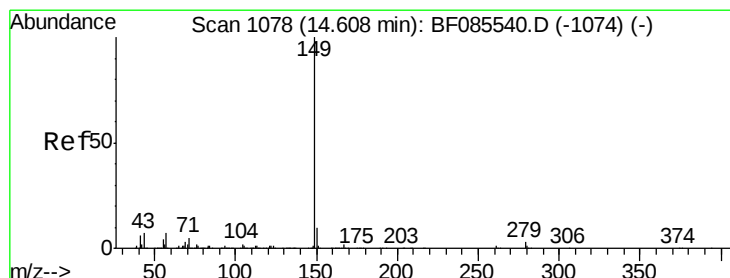
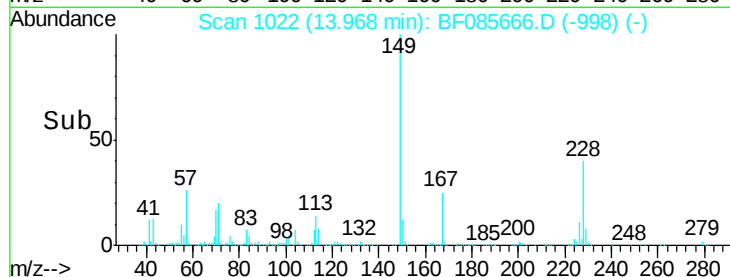
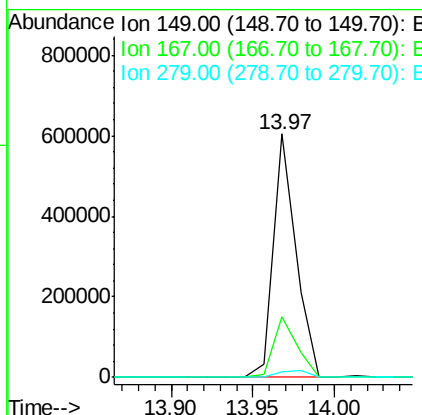
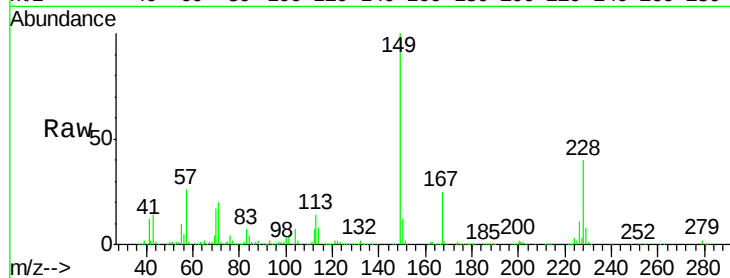
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.62 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	584496		
167	25.1	19.4	29.2	
279	2.4	1.5	2.3#	

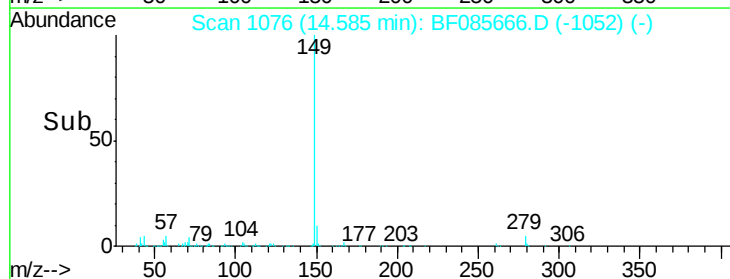
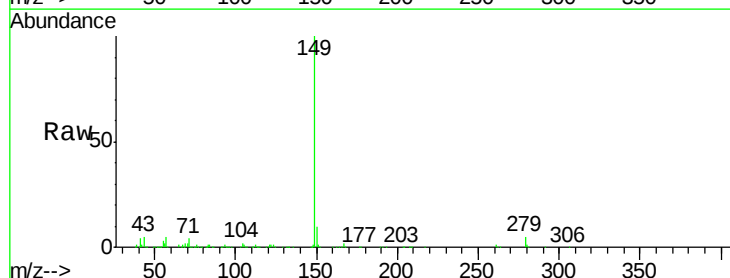
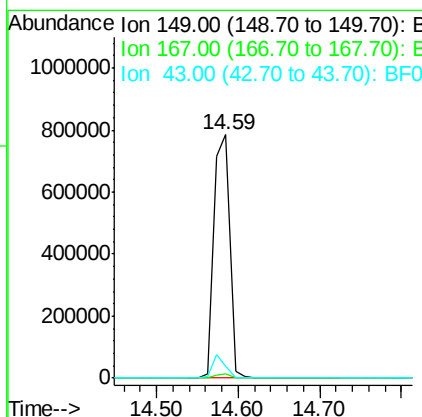
Manual Integrations
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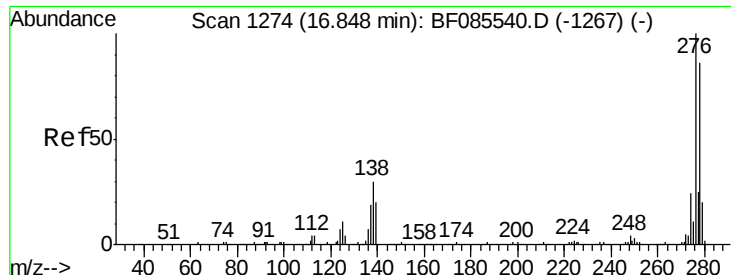
Sohil
 3/23/2016 1:30:08 PM



#84
 Di-n-octyl phthalate
 Concen: 35.20 ng
 RT: 14.59 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1060329		
167	1.5	1.2	1.8	
43	7.7	7.1	10.7	





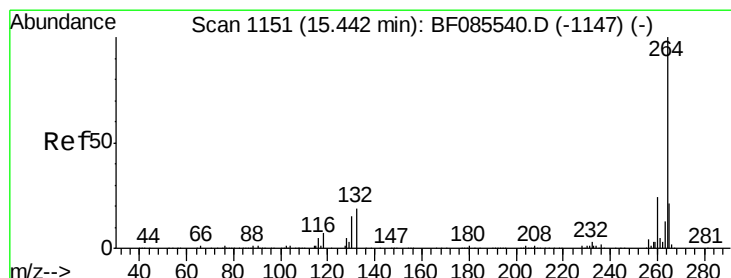
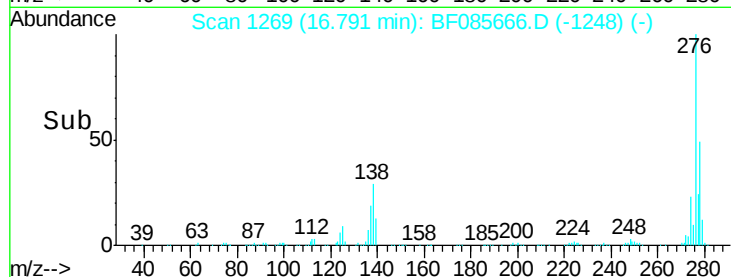
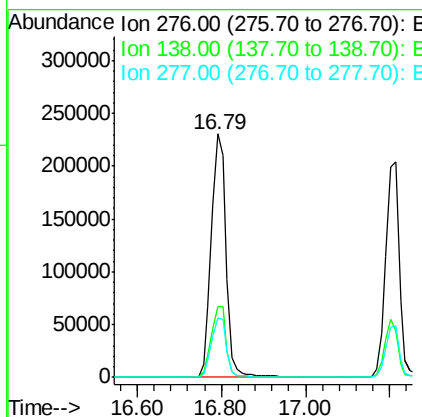
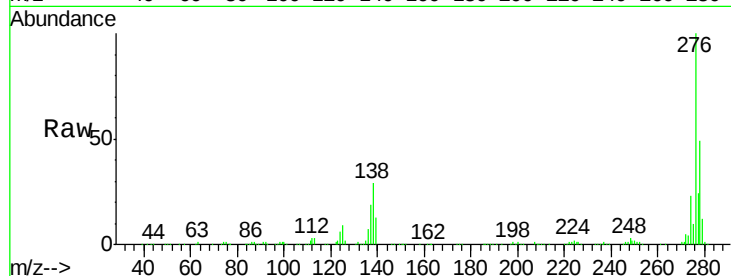
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.04 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.06 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	569023		
138	29.6		24.2	36.4
277	25.0		20.0	30.0

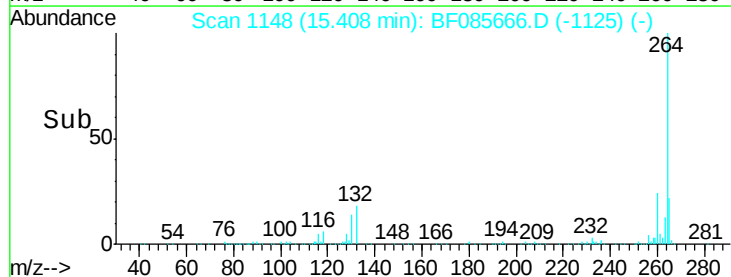
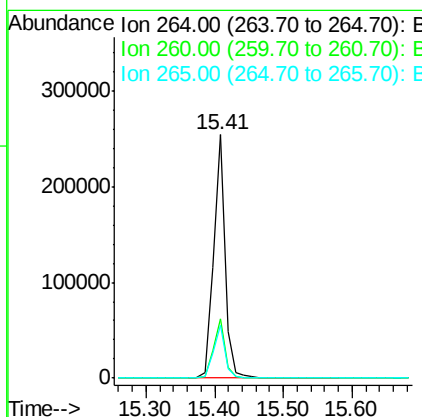
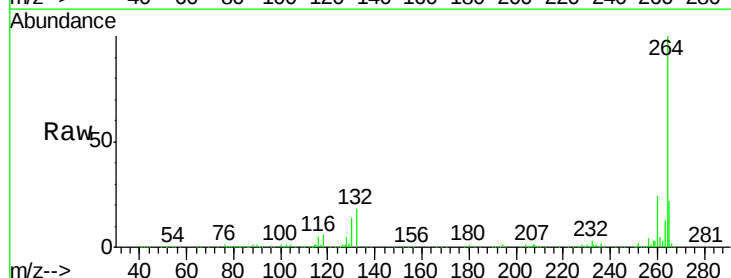
Manual Integrations
 APPROVED

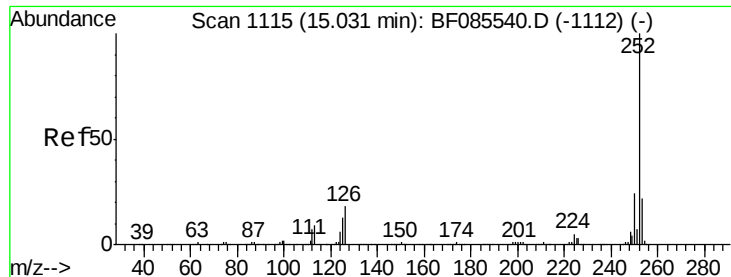
Sohil
 3/23/2016 1:30:08 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	300678		
260	24.3		19.4	29.2
265	21.6		17.2	25.8





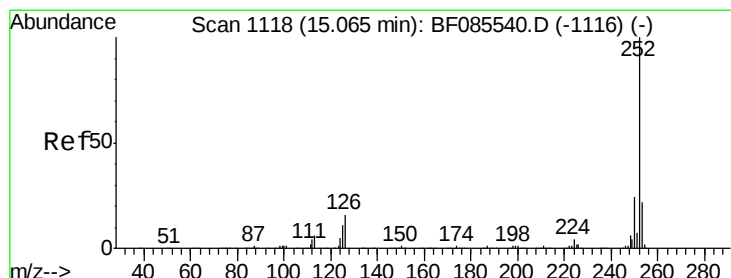
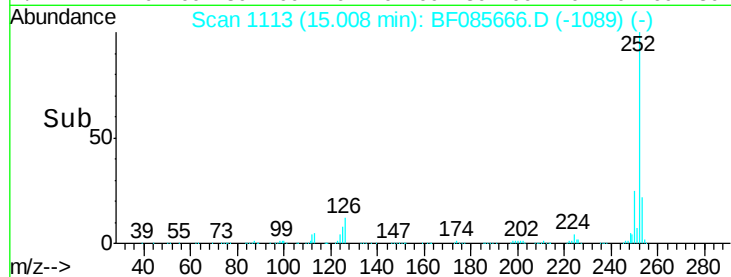
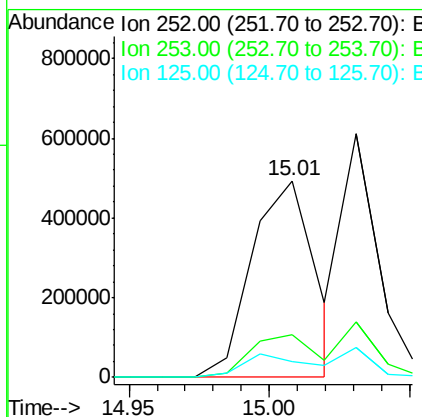
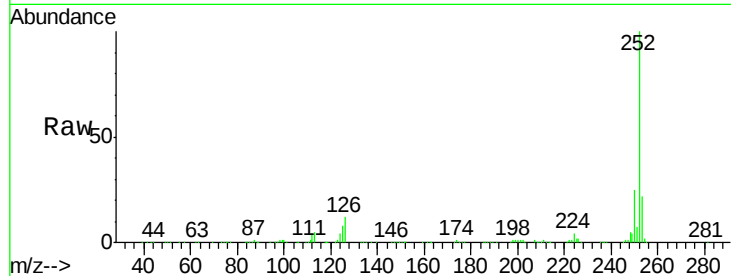
#87
Benzo(b)fluoranthene
Concen: 39.22 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.3	10.3	15.5#

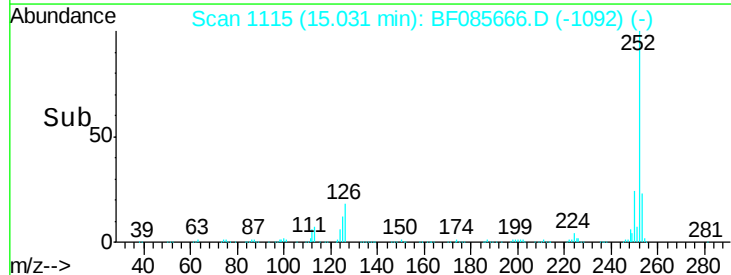
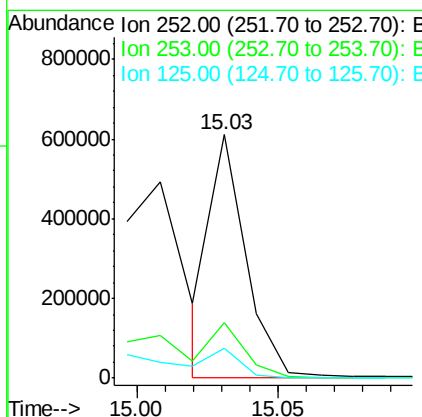
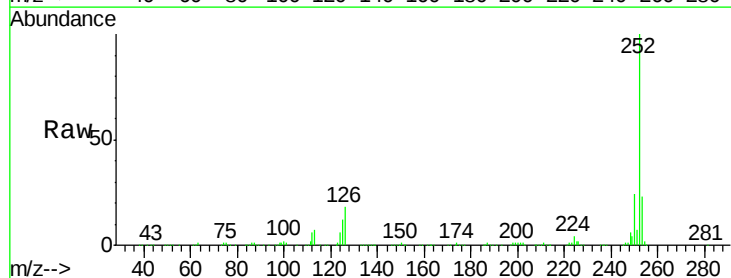
Manual Integrations
APPROVED

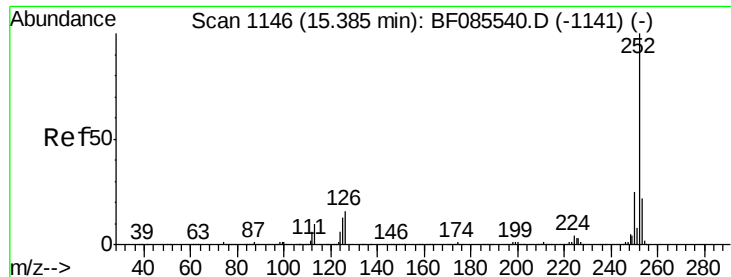
Sohil
3/23/2016 1:30:08 PM



#88
Benzo(k)fluoranthene
Concen: 33.88 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.4	7.7	11.5#





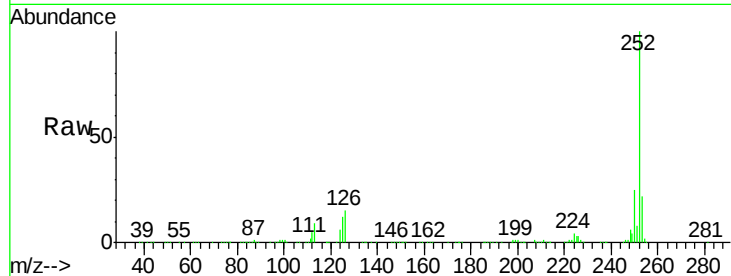
#89
Benzo(a)pyrene
Concen: 36.64 ng
RT: 15.35 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB89079BS

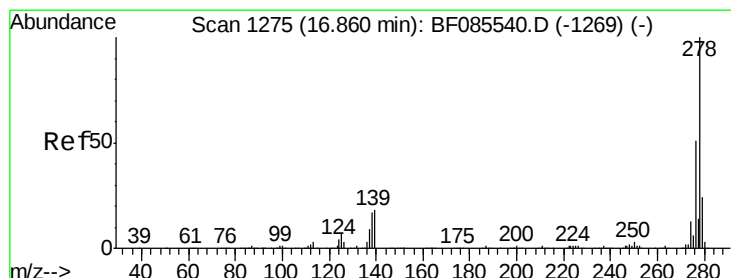
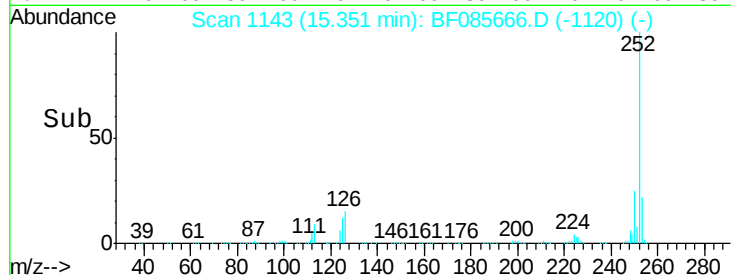
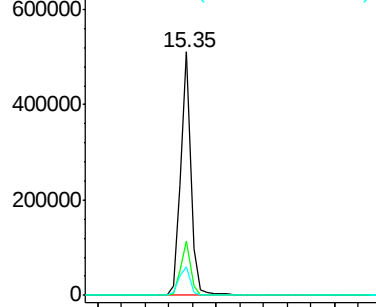
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.7	10.3	15.5

Manual Integrations
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3/23/2016 1:30:08 PM



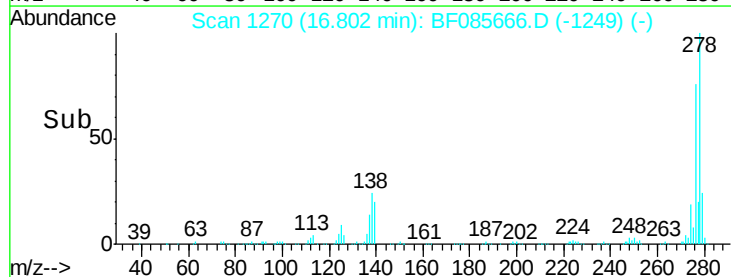
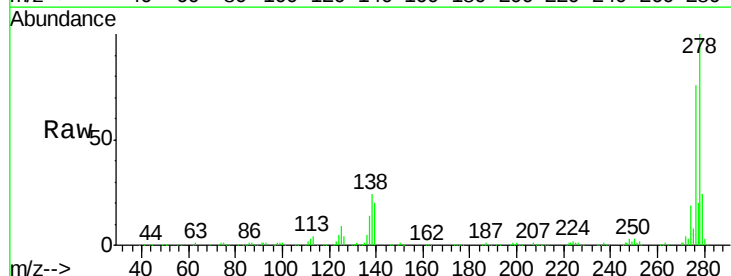
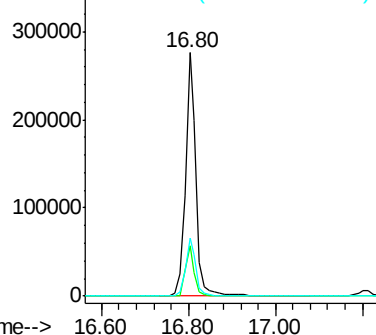
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

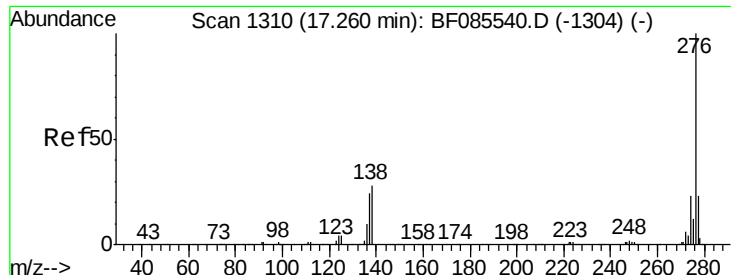


#90
Dibenzo(a,h)anthracene
Concen: 34.52 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.06 min
Lab File: BF085666.D
Acq: 22 Mar 2016 18:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	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(g,h,i)perylene
 Concen: 35.11 ng
 RT: 17.21 min Scan# 1306
 Delta R.T. -0.05 min
 Lab File: BF085666.D
 Acq: 22 Mar 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89079BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	18.8	28.2
138	21.8	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/23/2016 1:30:08 PM

