

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085367.D
 Acq On : 11 Mar 2016 9:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/11/2016 4:58:50 PM

Quant Time: Mar 11 10:27:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	184611	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	733423	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	303022	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	499951	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	335066	20.00	ng	-0.05
86) Perylene-d12	15.57	264	330934	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	854588	77.65	ng	-0.05
7) Phenol-d6	6.57	99	1170459	81.17	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1031782	75.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	183342	70.71	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1541254	77.35	ng	-0.05
78) Terphenyl-d14	13.05	244	1109499	76.87	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	211183	37.52	ng	98
3) Pyridine	3.35	79	566956	40.25	ng	98
4) n-Nitrosodimethylamine	3.30	42	226677	37.60	ng	100
6) Aniline	6.61	93	794803	39.33	ng	94
8) 2-Chlorophenol	6.72	128	492500	37.17	ng	96
9) Benzaldehyde	6.48	77	268874	39.52	ng	95
10) Phenol	6.58	94	725827	47.00	ng	93
11) bis(2-Chloroethyl)ether	6.68	93	491300	38.30	ng	97
12) 1,3-Dichlorobenzene	6.88	146	553858m	38.93	ng	
13) 1,4-Dichlorobenzene	6.96	146	582997	40.89	ng	94
14) 1,2-Dichlorobenzene	7.11	146	473755	36.62	ng	96
15) Benzyl Alcohol	7.08	79	399424	37.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	687035	37.16	ng	100
17) 2-Methylphenol	7.19	107	396173	36.64	ng	96
18) Hexachloroethane	7.45	117	194170	36.92	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	370146	39.39	ng	98
20) 3+4-Methylphenols	7.35	107	506520	39.55	ng	# 78
22) Acetophenone	7.35	105	624696	34.90	ng	# 92
24) Nitrobenzene	7.52	77	495088	35.56	ng	95
25) Isophorone	7.76	82	959971	37.80	ng	99
26) 2-Nitrophenol	7.84	139	274425	40.50	ng	# 79
27) 2,4-Dimethylphenol	7.88	122	457300	36.93	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	610761	43.18	ng	98
29) 2,4-Dichlorophenol	8.08	162	386278	38.68	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	438076	40.58	ng	95
31) Naphthalene	8.25	128	1465616	40.64	ng	99
32) Benzoic acid	7.99	122	287502	34.96	ng	99
33) 4-Chloroaniline	8.30	127	617755	42.35	ng	# 92
34) Hexachlorobutadiene	8.37	225	225348	40.11	ng	98
35) Caprolactam	8.68	113	131636	40.36	ng	# 84
36) 4-Chloro-3-methylphenol	8.78	107	425464	37.56	ng	# 82
37) 2-Methylnaphthalene	8.94	142	849482	36.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	396131	45.71	ng	98
40) Hexachlorocyclopentadiene	9.10	237	90243	19.31	ng	96

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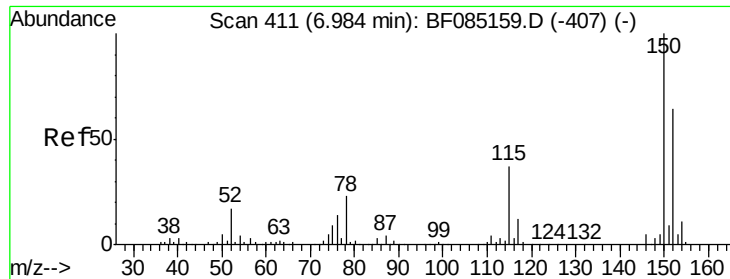
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	252787	39.19	ng	97
43) 2,4,5-Trichlorophenol	9.26	196	261130	42.69	ng #	87
45) 1,1'-Biphenyl	9.41	154	1148890	44.38	ng	95
46) 2-Chloronaphthalene	9.43	162	817844	41.44	ng	96
47) 2-Nitroaniline	9.52	65	255110	41.72	ng #	86
48) Acenaphthylene	9.84	152	1186392	38.63	ng	99
49) Dimethylphthalate	9.70	163	954052	41.02	ng	99
50) 2,6-Dinitrotoluene	9.76	165	179882	36.15	ng #	80
51) Acenaphthene	10.01	154	709289	38.03	ng	100
52) 3-Nitroaniline	9.93	138	239301	40.20	ng	88
53) 2,4-Dinitrophenol	10.04	184	35457	20.66	ng #	47
54) Dibenzofuran	10.18	168	920351	37.67	ng	99
55) 4-Nitrophenol	10.08	139	140701	30.08	ng #	64
56) 2,4-Dinitrotoluene	10.16	165	240178	37.72	ng #	80
57) Fluorene	10.53	166	721878	37.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	156258	36.36	ng	99
59) Diethylphthalate	10.40	149	955473	42.33	ng	97
60) 4-Chlorophenyl-phenylether	10.52	204	372923	39.94	ng #	87
61) 4-Nitroaniline	10.55	138	221267	39.74	ng	82
62) Azobenzene	10.68	77	848941	38.18	ng	95
64) 4,6-Dinitro-2-methylphenol	10.57	198	67137	22.43	ng	79
65) n-Nitrosodiphenylamine	10.64	169	737850	47.45	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	209363	43.13	ng #	83
67) Hexachlorobenzene	11.08	284	200684	38.75	ng #	78
68) Atrazine	11.17	200	224587	51.93	ng	95
69) Pentachlorophenol	11.27	266	119199	41.47	ng	99
70) Phenanthrene	11.49	178	986232	37.64	ng	99
71) Anthracene	11.54	178	1161033	41.74	ng	99
72) Carbazole	11.69	167	892769	36.60	ng	99
73) Di-n-butylphthalate	12.02	149	1277845	41.45	ng	99
74) Fluoranthene	12.68	202	913408	34.74	ng	98
76) Benzidine	12.79	184	455506	45.68	ng	99
77) Pyrene	12.91	202	884953	35.09	ng	99
79) Butylbenzylphthalate	13.52	149	476206	41.62	ng	86
80) Benzo(a)anthracene	14.09	228	804341	40.10	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	275773	43.58	ng #	94
82) Chrysene	14.13	228	624331	33.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	605348	40.20	ng #	98
84) Di-n-octyl phthalate	14.69	149	968033	42.21	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	771767	53.37	ng	98
87) Benzo(b)fluoranthene	15.13	252	858196	38.91	ng	100
88) Benzo(k)fluoranthene	15.17	252	610665m	34.32	ng	
89) Benzo(a)pyrene	15.50	252	728247	39.84	ng #	94
90) Dibenzo(a,h)anthracene	17.04	278	659342	42.26	ng	99
91) Benzo(g,h,i)perylene	17.48	276	607812	38.74	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

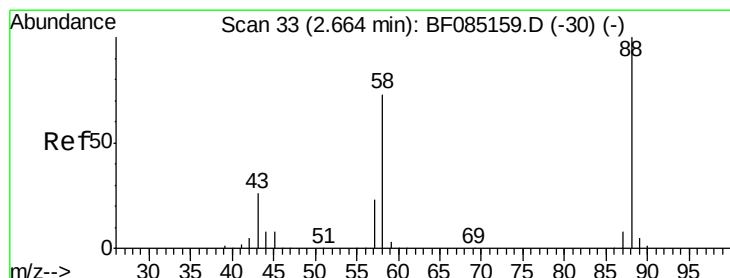
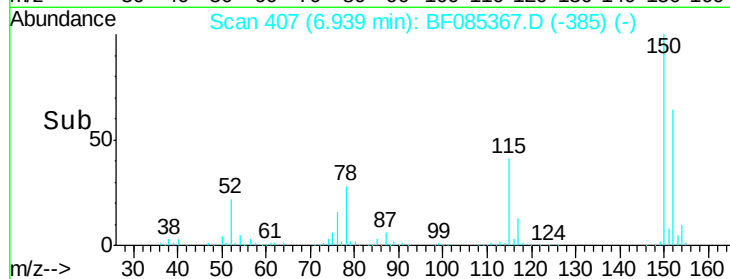
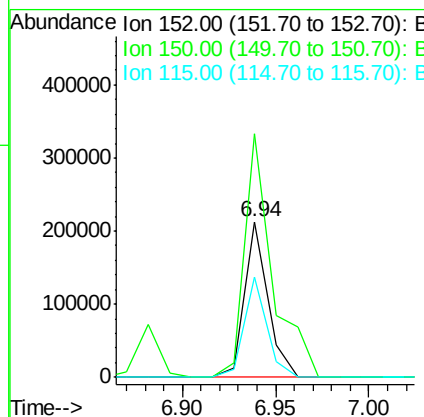
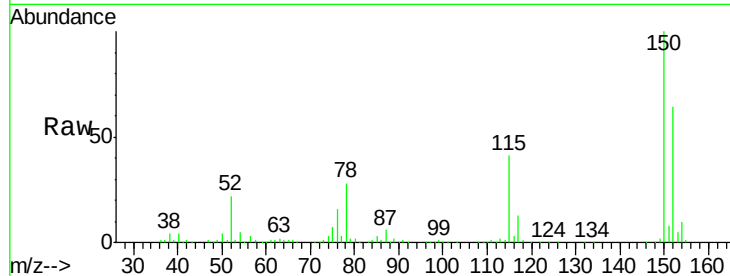
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	184611
Ion Ratio	Lower	Upper	
152	100		
150	156.5	124.6	186.8
115	64.3	46.6	70.0

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#2

1,4-Dioxane

Concen: 37.52 ng

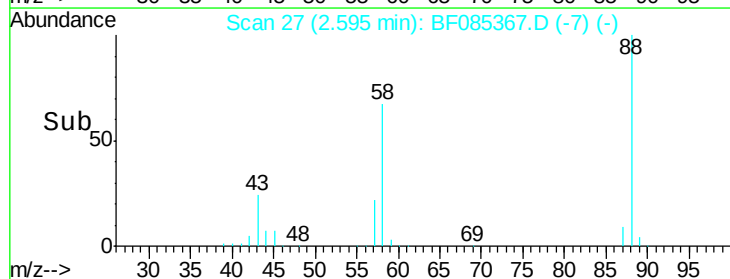
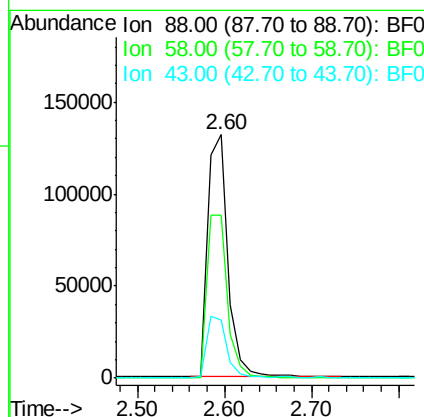
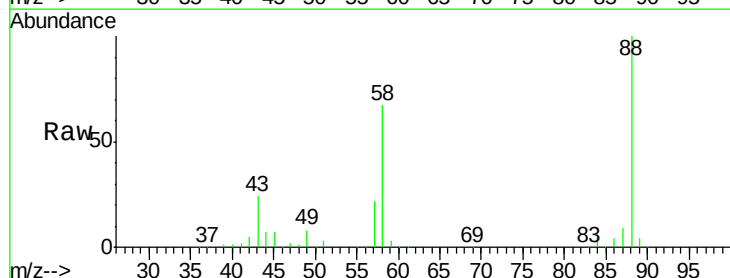
RT: 2.60 min Scan# 27

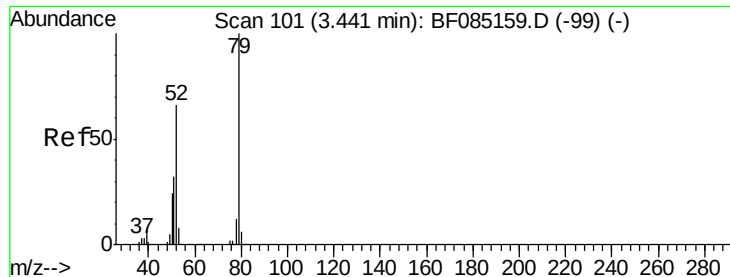
Delta R.T. -0.07 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	88	Resp:	211183
Ion Ratio	Lower	Upper	
88	100		
58	69.3	57.0	85.6
43	24.9	20.5	30.7





#3

Pyridine

Concen: 40.25 ng

RT: 3.35 min Scan# 93

Delta R.T. -0.09 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

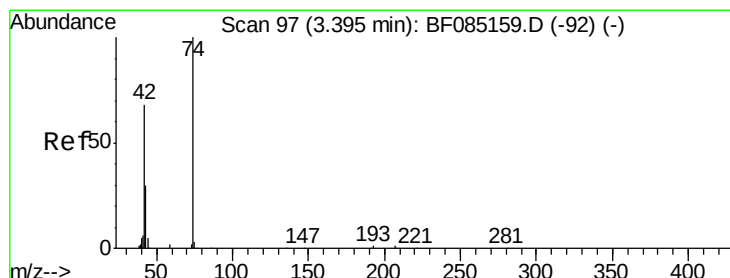
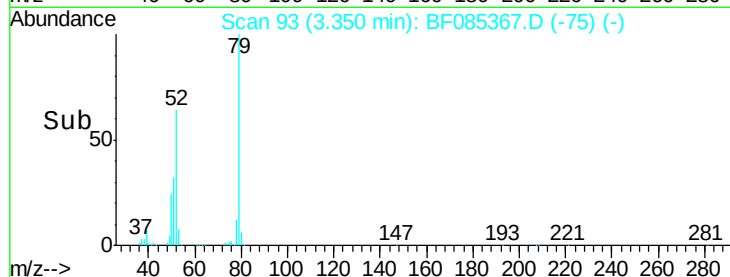
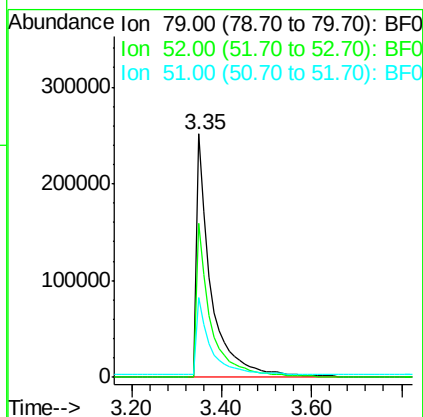
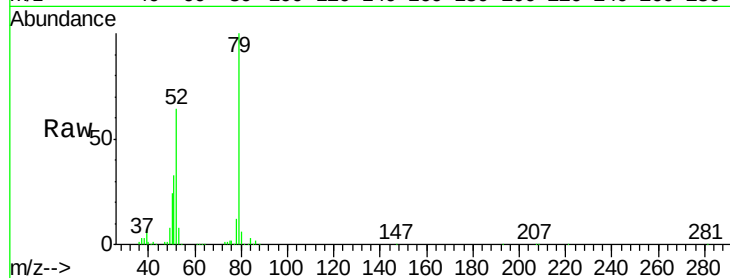
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	566956
Ion Ratio	Lower	Upper	
79	100		
52	63.5	52.6	79.0
51	32.8	25.8	38.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.60 ng

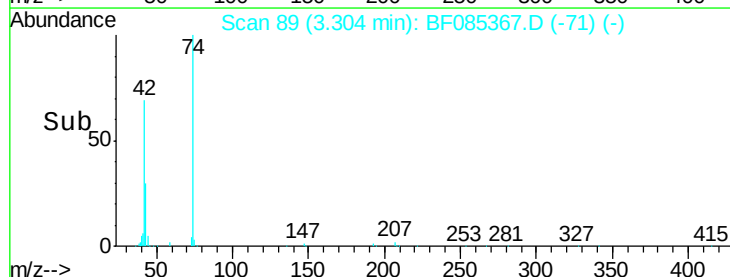
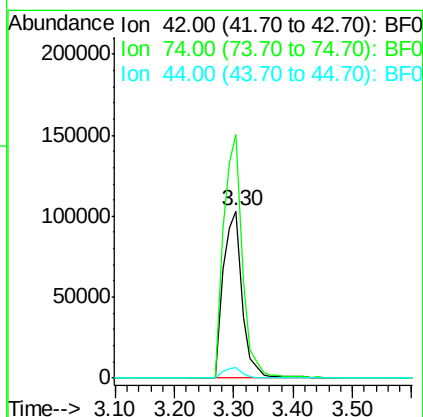
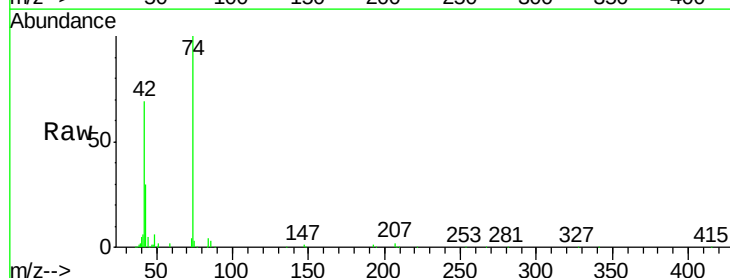
RT: 3.30 min Scan# 89

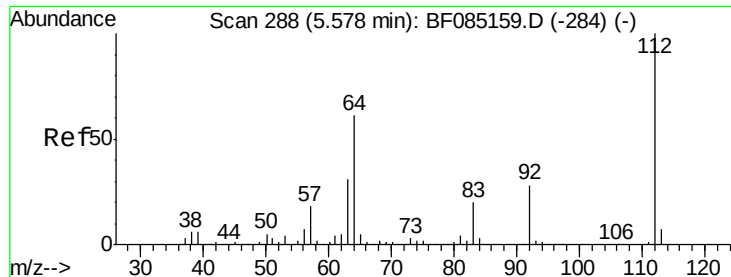
Delta R.T. -0.09 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	42	Resp:	226677
Ion Ratio	Lower	Upper	
42	100		
74	145.5	116.8	175.2
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 77.65 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

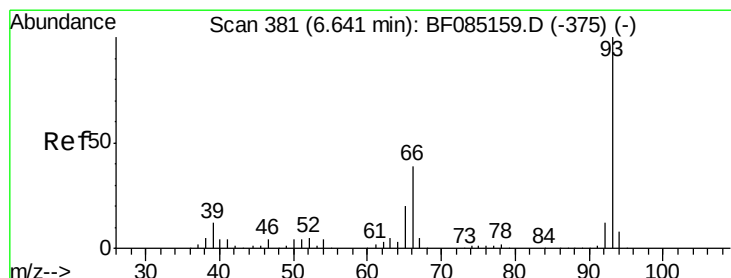
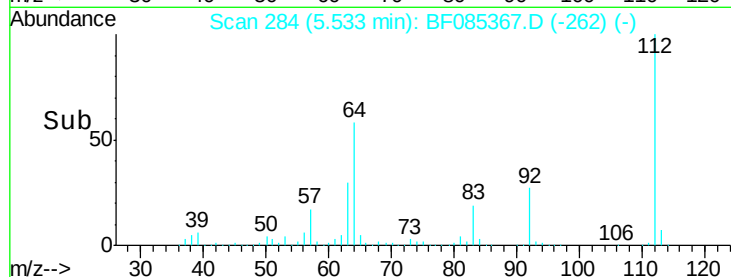
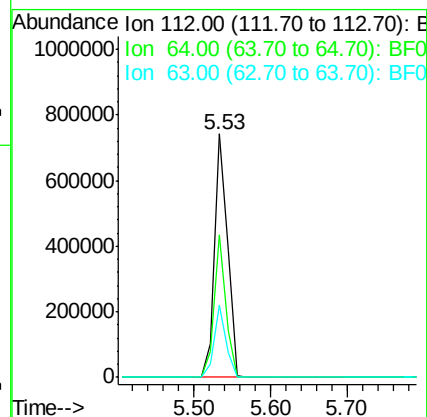
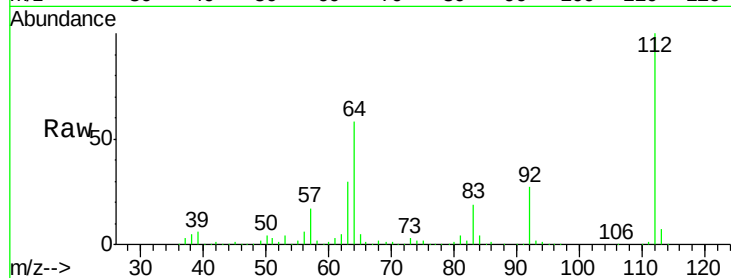
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	854588
Ion Ratio	Lower	Upper	
112	100		
64	58.5	49.0	73.4
63	29.8	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 39.33 ng

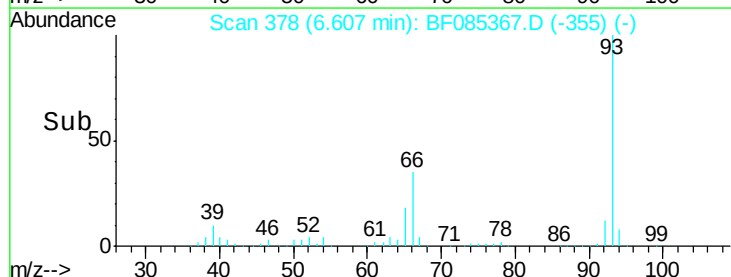
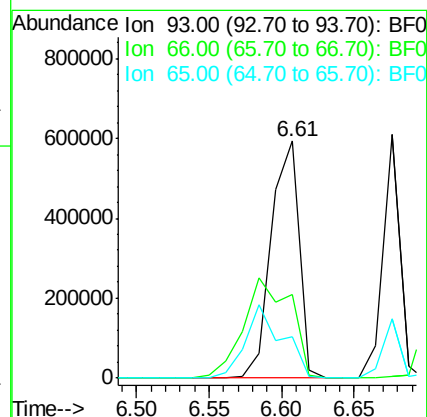
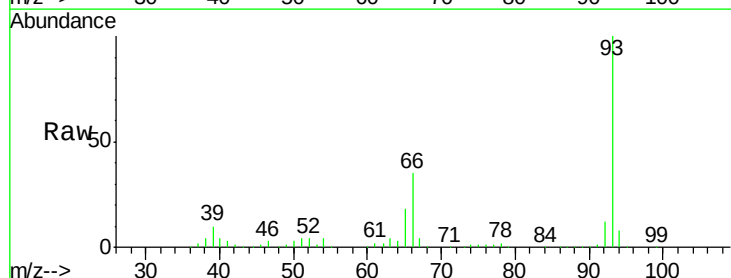
RT: 6.61 min Scan# 378

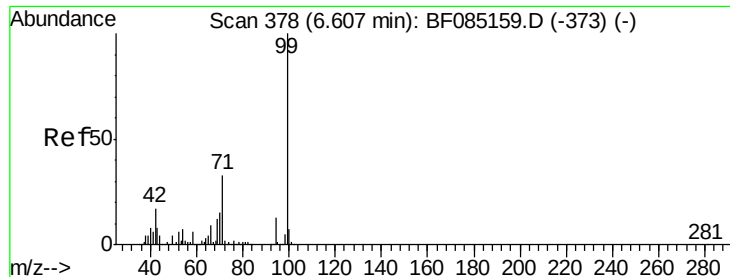
Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	93	Resp:	794803
Ion Ratio	Lower	Upper	
93	100		
66	35.3	31.6	47.4
65	17.6	15.8	23.8





#7

Phenol-d6

Concen: 81.17 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1170459

Ion Ratio Lower Upper

99 100

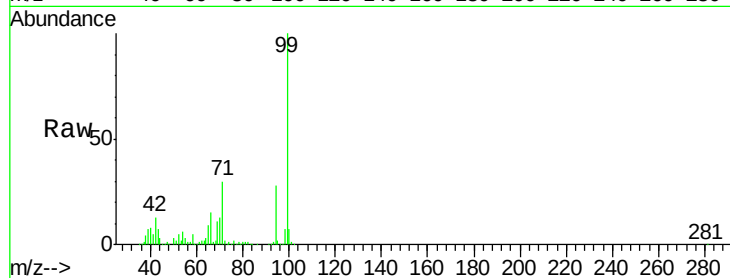
42 13.4 13.6 20.4#

71 29.8 26.7 40.1

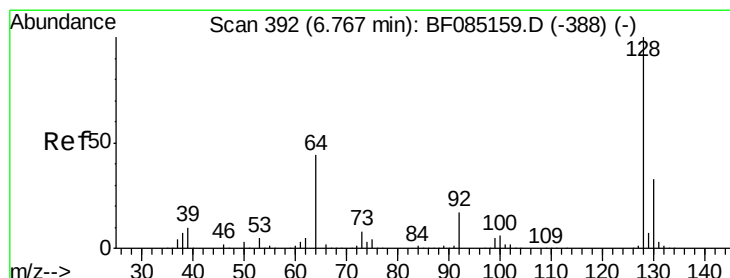
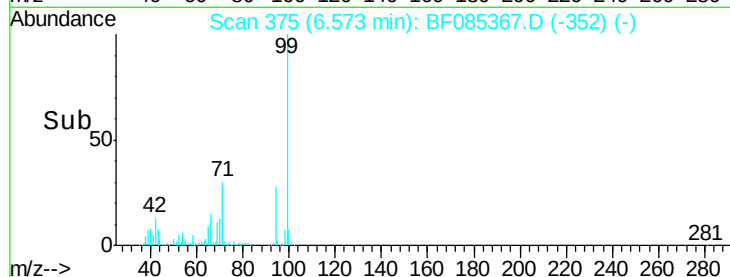
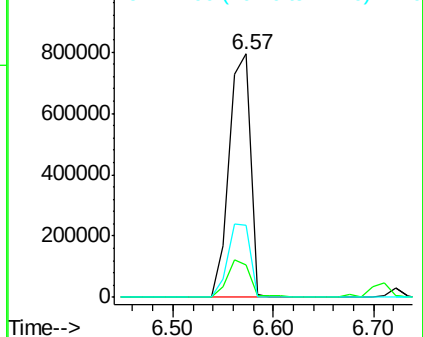
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.17 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

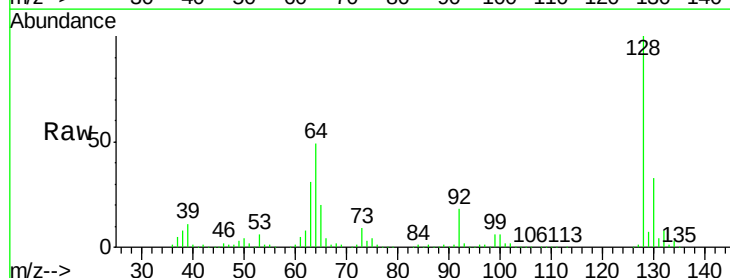
Tgt Ion: 128 Resp: 492500

Ion Ratio Lower Upper

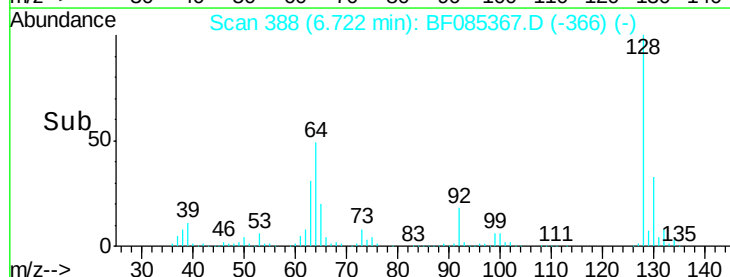
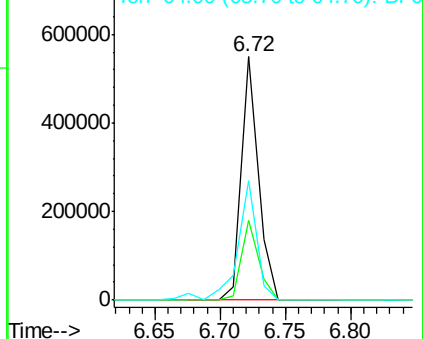
128 100

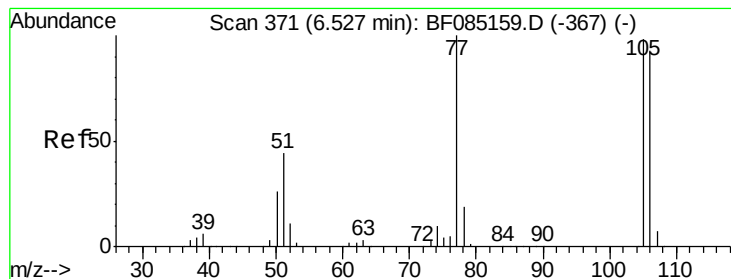
130 32.7 13.3 53.3

64 49.2 25.7 65.7



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





#9

Benzaldehyde

Concen: 39.52 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

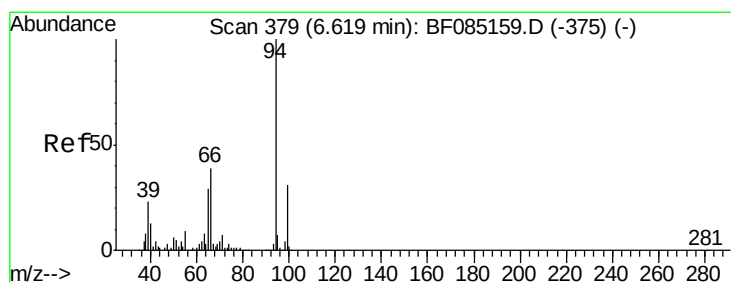
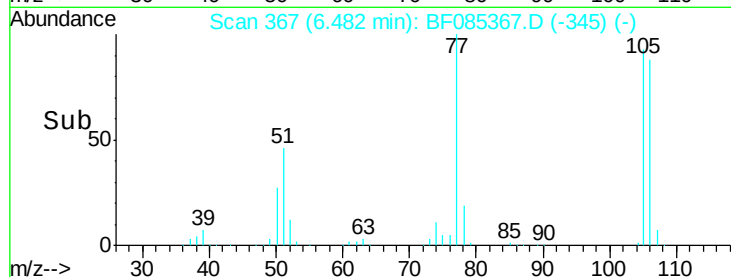
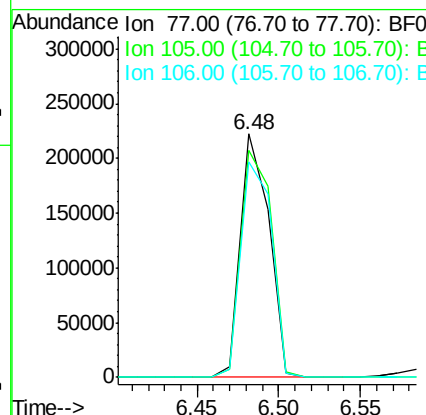
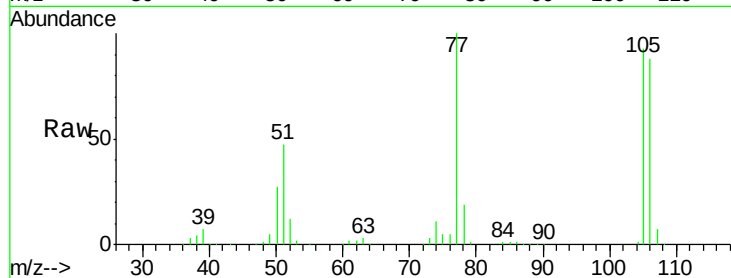
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	268874
Ion Ratio	Lower	Upper	
77	100		
105	93.2	78.2	118.2
106	88.4	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 47.00 ng

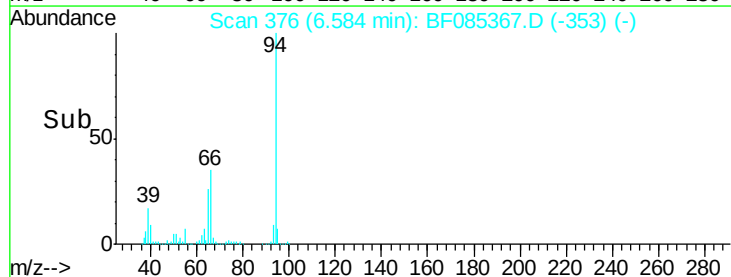
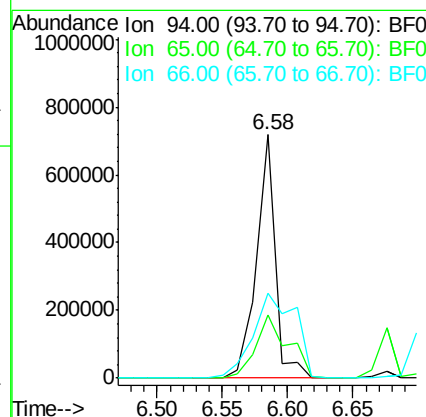
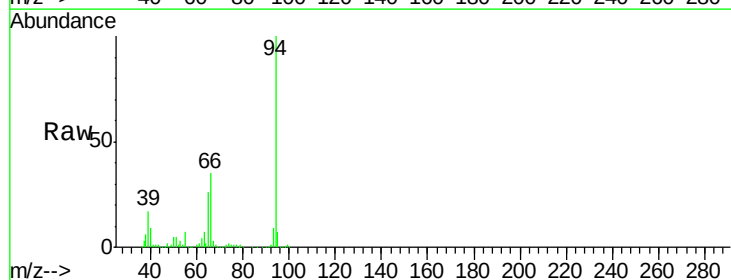
RT: 6.58 min Scan# 376

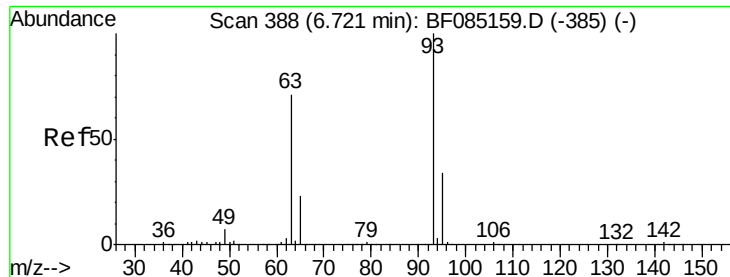
Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	94	Resp:	725827
Ion Ratio	Lower	Upper	
94	100		
65	25.8	9.1	49.1
66	34.9	19.3	59.3





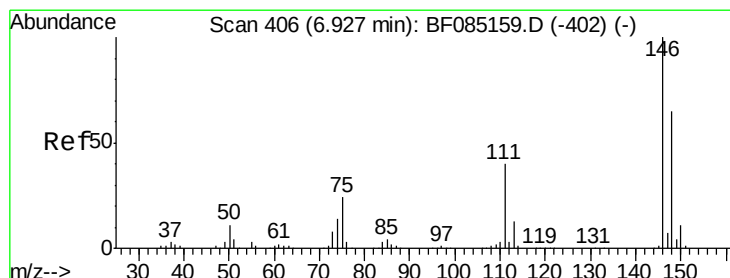
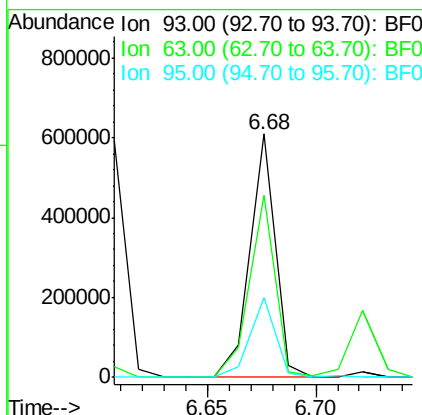
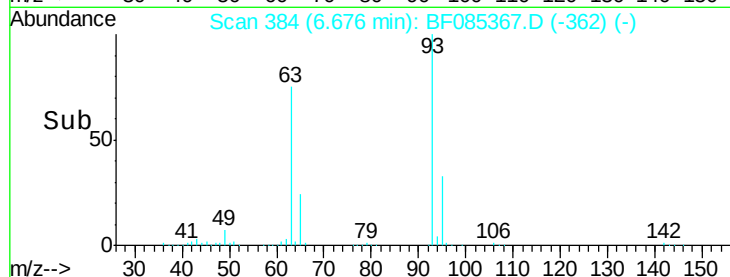
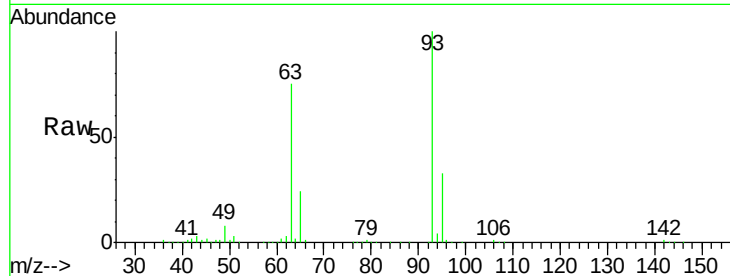
#11
bis(2-Chloroethyl)ether
Concen: 38.30 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	491300		
63	74.6	50.9	90.9	
95	32.9	13.7	53.7	

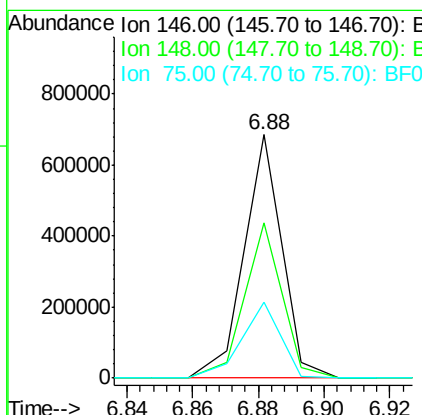
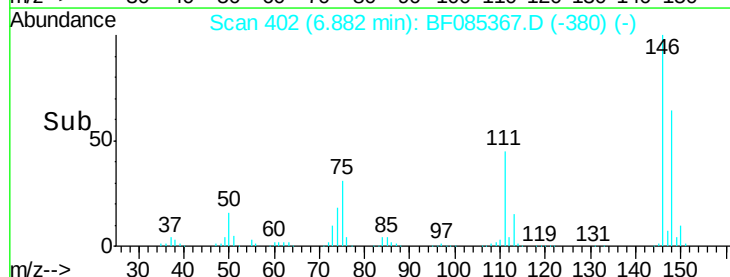
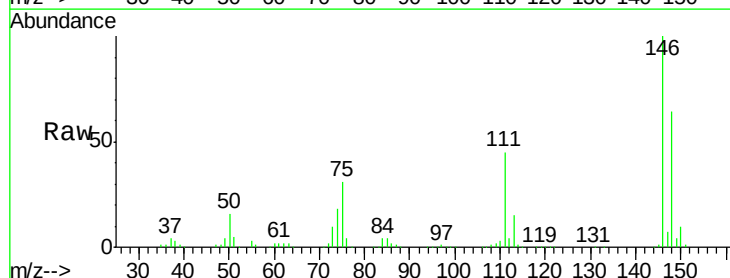
Manual Integrations
APPROVED

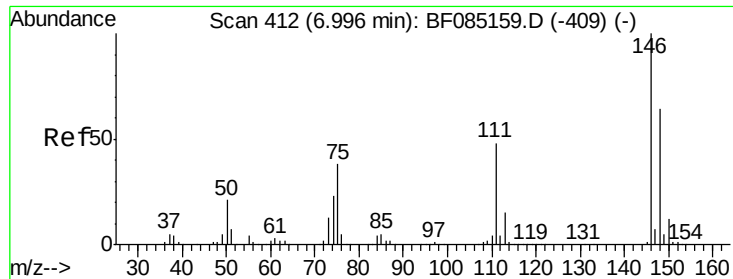
Sohil
3/11/2016 4:58:50 PM



#12
1,3-Dichlorobenzene
Concen: 38.93 ng m
RT: 6.88 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	553858		
148	63.8	52.1	78.1	
75	31.3	19.5	29.3#	





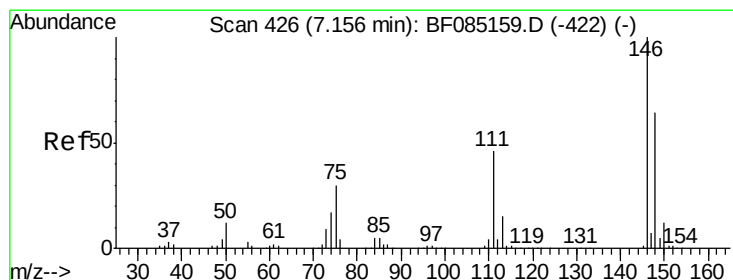
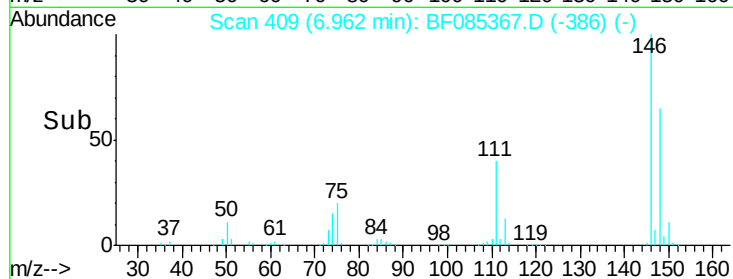
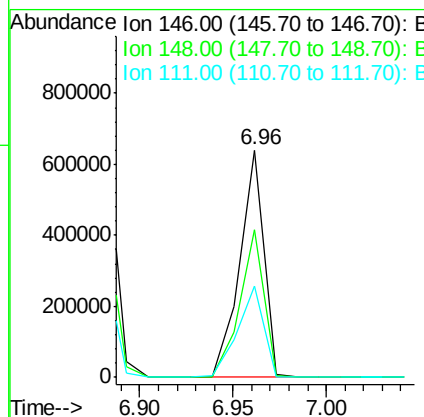
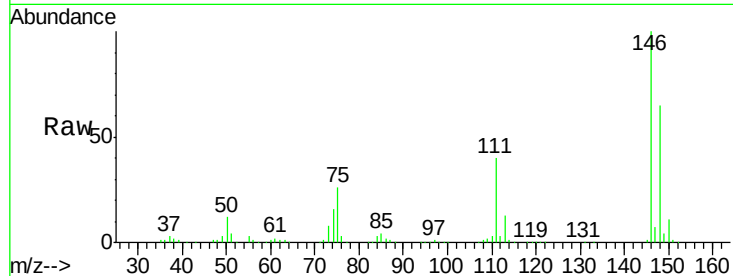
#13
 1,4-Dichlorobenzene
 Concen: 40.89 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	582997		
148	64.9	51.3	76.9	
111	40.0	38.4	57.6	

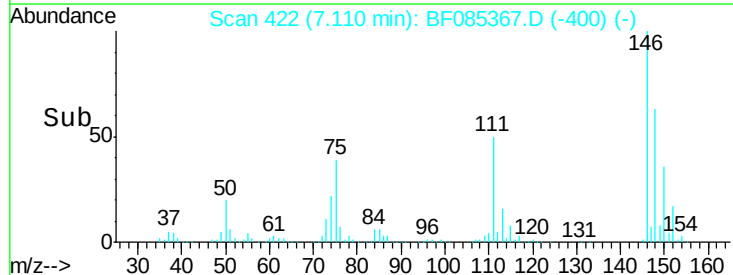
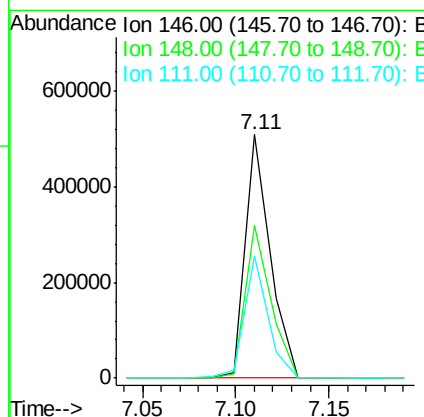
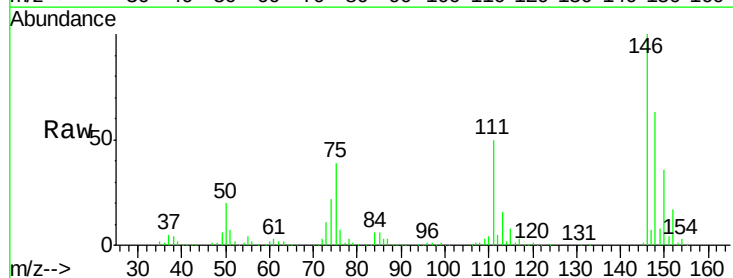
Manual Integrations
 APPROVED

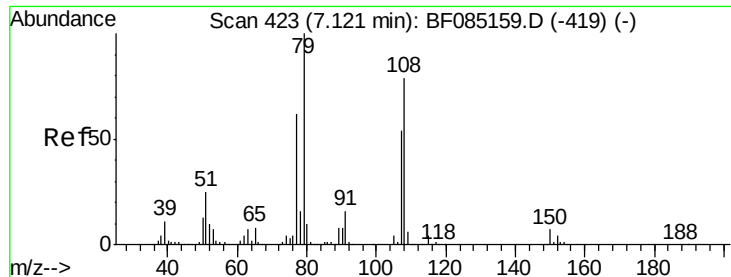
Sohil
 3/11/2016 4:58:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	473755		
148	62.6	51.4	77.2	
111	50.2	36.7	55.1	





#15

Benzyl Alcohol

Concen: 37.74 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

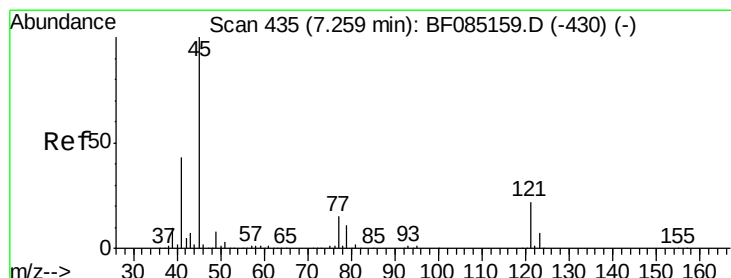
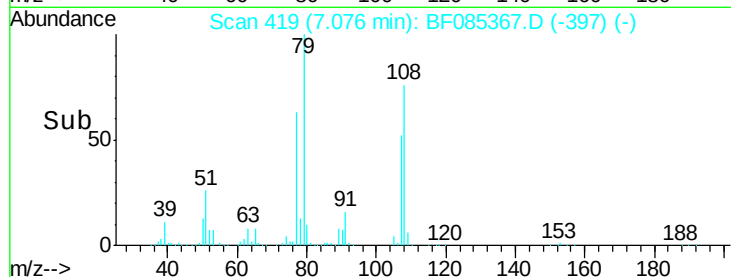
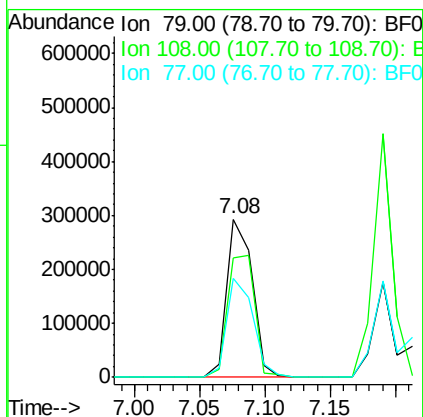
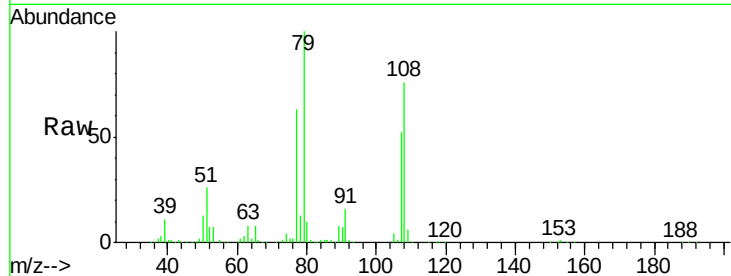
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	399424
Ion Ratio	Lower	Upper	
79	100		
108	75.7	62.9	94.3
77	62.8	49.5	74.3

Manual Integrations
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Sohil
3/11/2016 4:58:50 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.16 ng

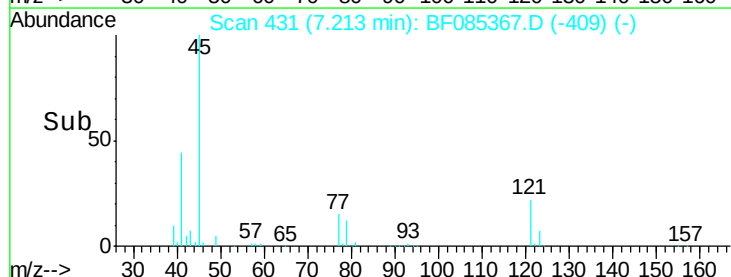
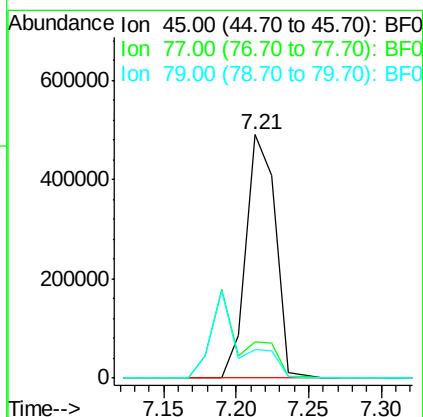
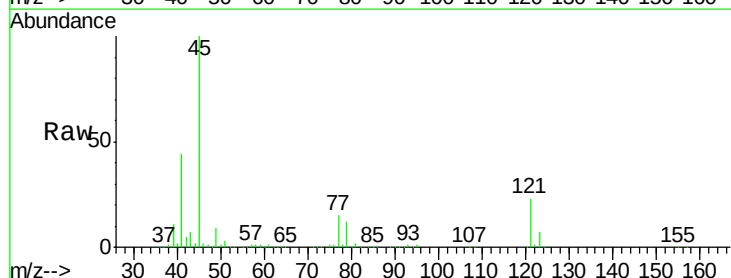
RT: 7.21 min Scan# 431

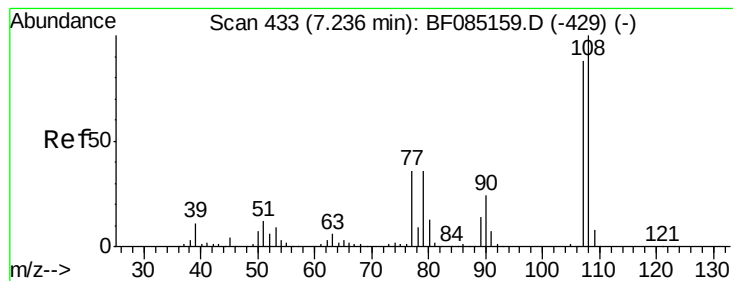
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	45	Resp:	687035
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.1
79	11.6	0.0	31.3





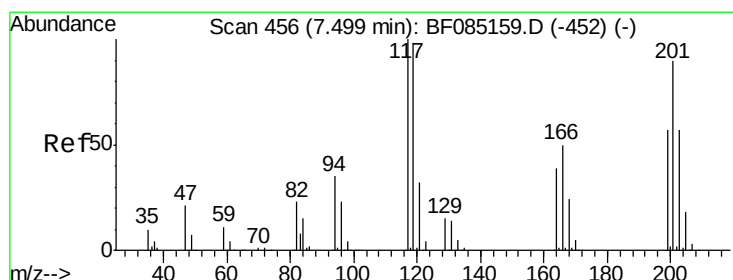
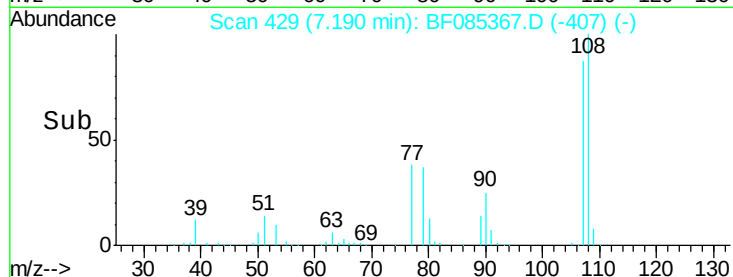
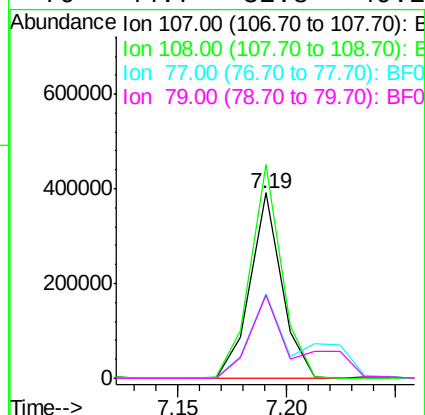
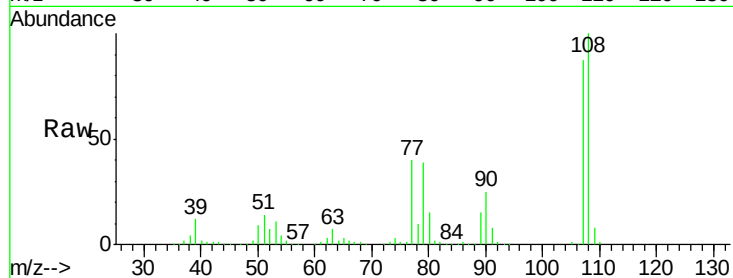
#17
2-Methylphenol
Concen: 36.64 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	396173
Ion Ratio	Lower	Upper	
107	100		
108	115.1	90.9	136.3
77	45.8	32.6	48.8
79	44.7	32.8	49.2

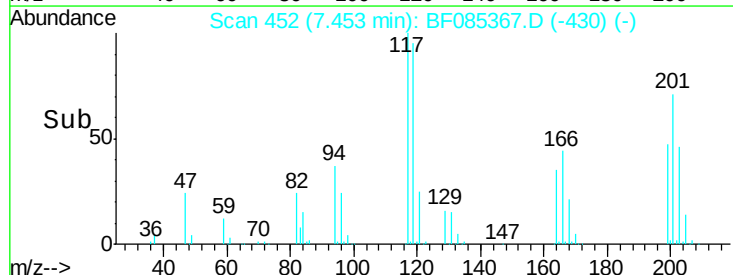
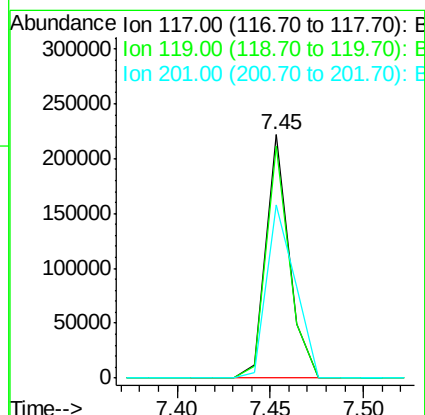
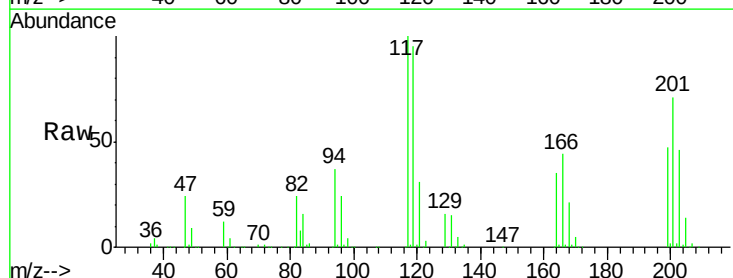
Manual Integrations
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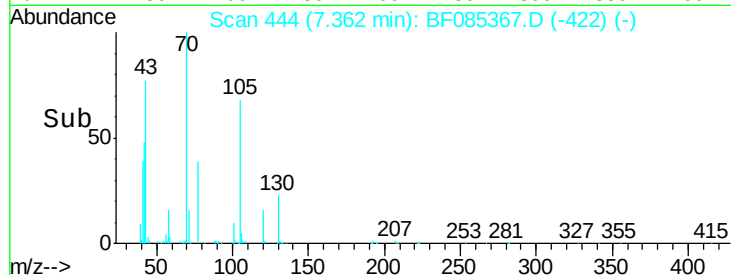
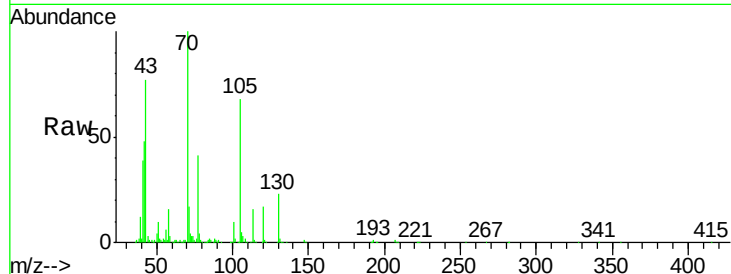
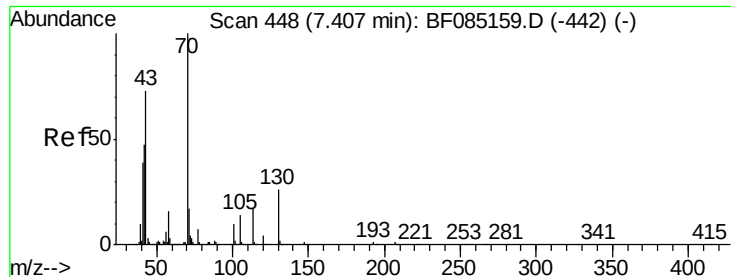
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3/11/2016 4:58:50 PM



#18
Hexachloroethane
Concen: 36.92 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion:	117	Resp:	194170
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.2	117.4
201	71.1	72.0	108.0#





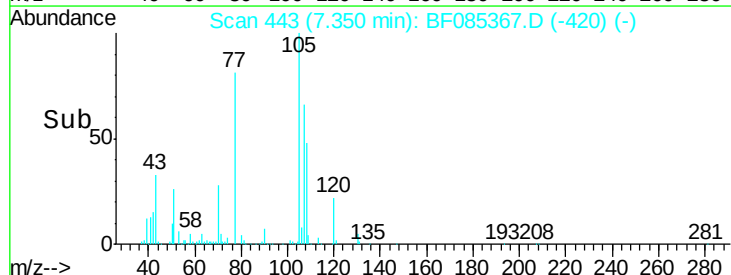
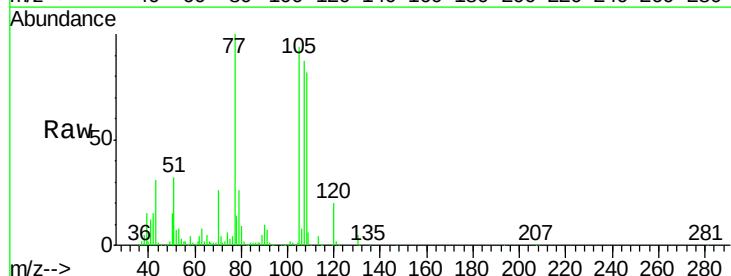
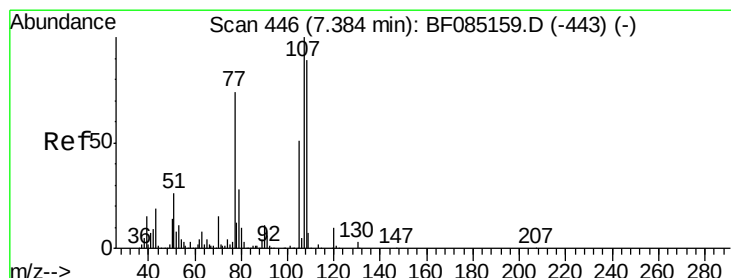
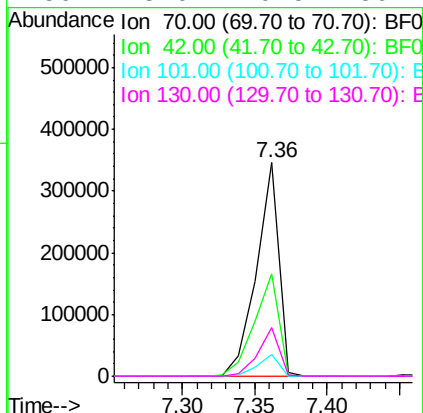
#19
n-Nitroso-di-n-propylamine
Concen: 39.39 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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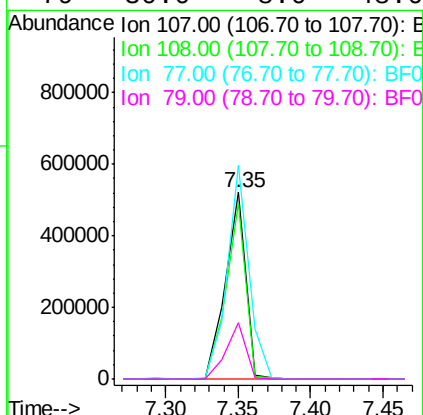
Sohil
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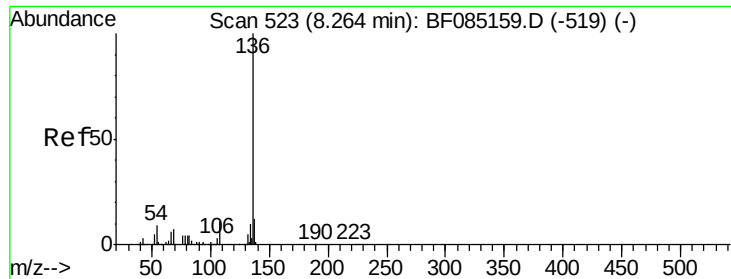
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.0	37.7	56.5
101	10.0	8.2	12.4
130	23.0	20.5	30.7



#20
3+4-Methylphenols
Concen: 39.55 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	68.8	108.8
77	114.7	53.6	93.6#
79	30.0	8.0	48.0





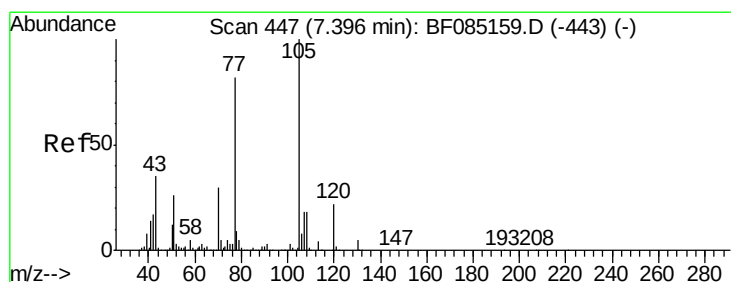
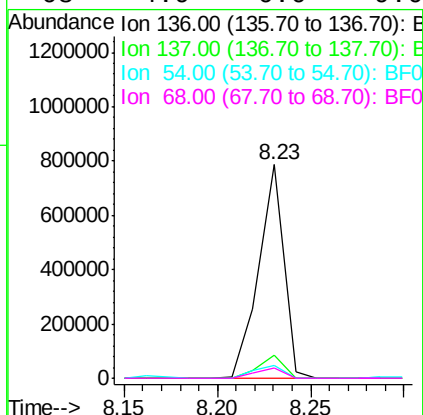
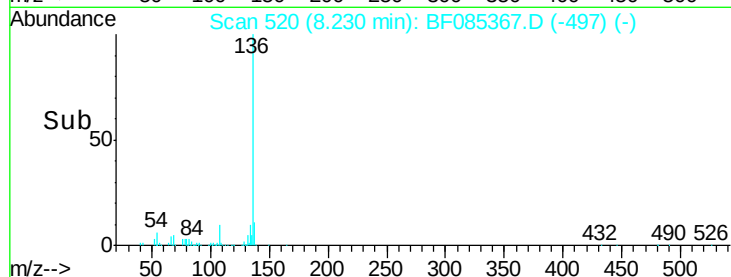
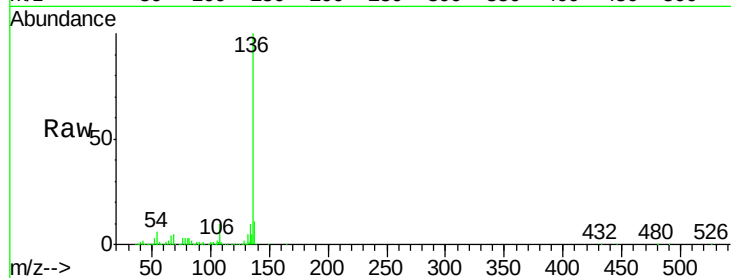
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.3	13.9
54	5.9	7.4	11.2#
68	4.9	6.0	9.0#

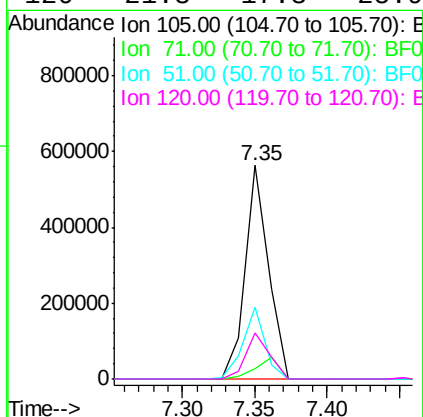
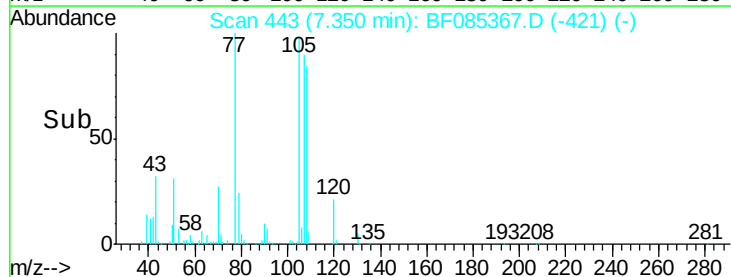
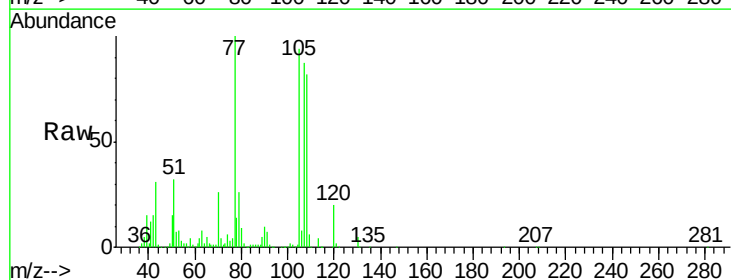
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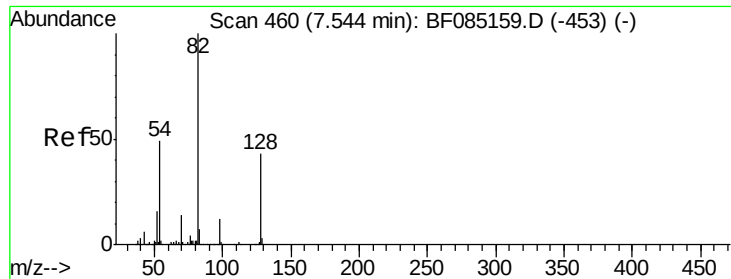
Sohil
3/11/2016 4:58:50 PM



#22
Acetophenone
Concen: 34.90 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.7	4.1	6.1
51	33.8	21.1	31.7#
120	21.3	17.3	25.9





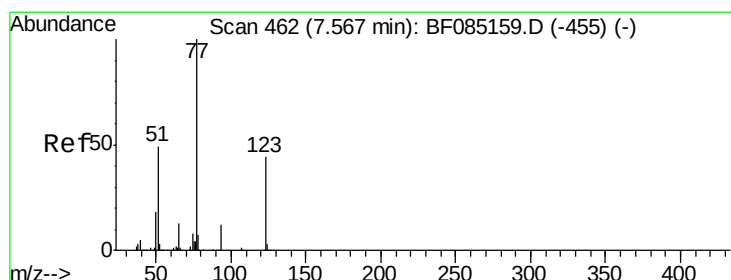
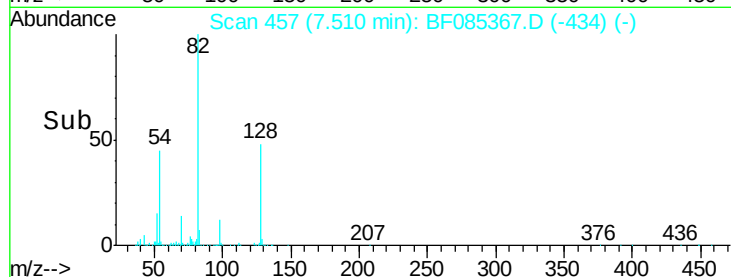
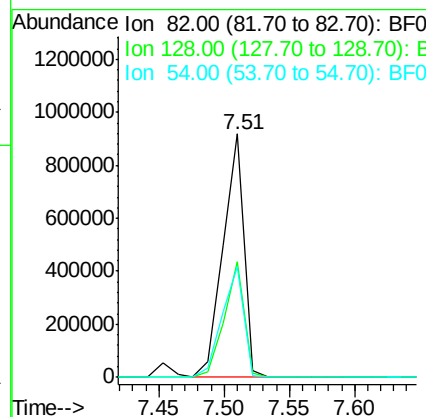
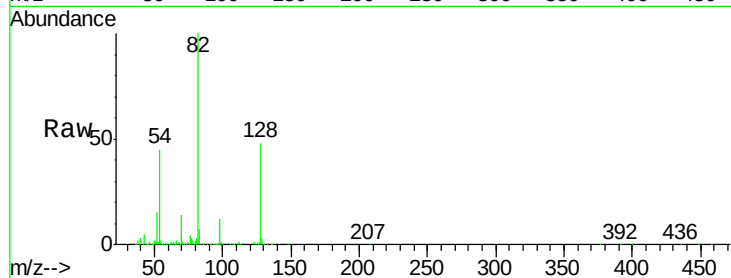
#23
 Nitrobenzene-d5
 Concen: 75.28 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1031782
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.5 51.7
 54 45.3 39.3 58.9

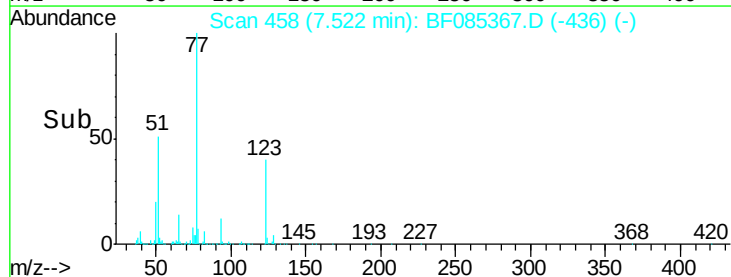
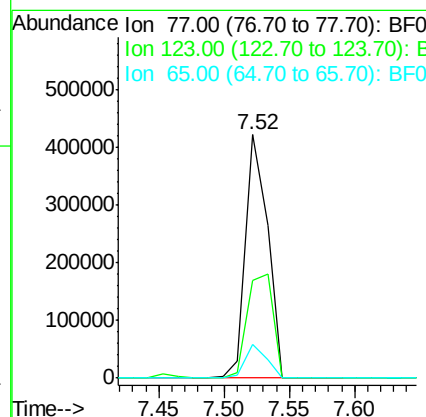
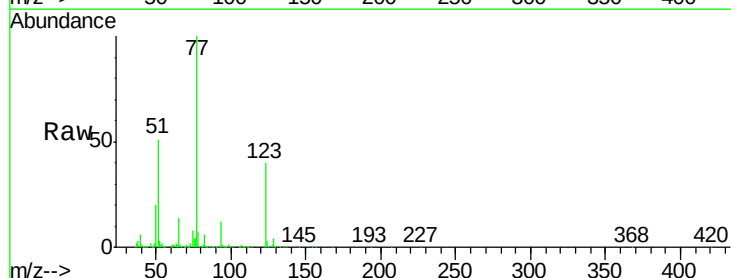
Manual Integrations
 APPROVED

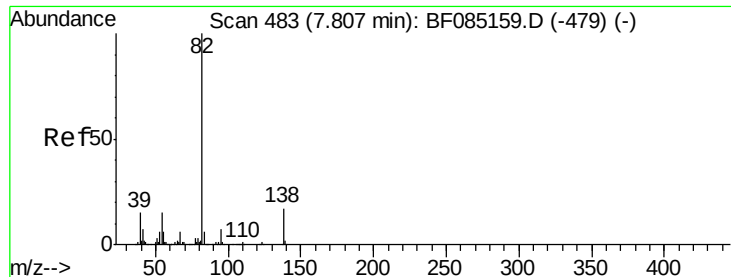
Sohil
 3/11/2016 4:58:50 PM



#24
 Nitrobenzene
 Concen: 35.56 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion: 77 Resp: 495088
 Ion Ratio Lower Upper
 77 100
 123 40.3 35.4 53.2
 65 13.8 10.6 16.0





#25

Isophorone

Concen: 37.80 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

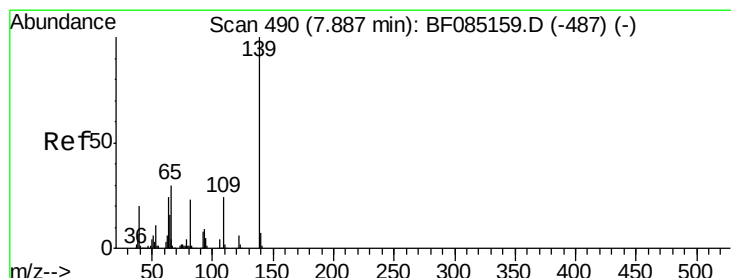
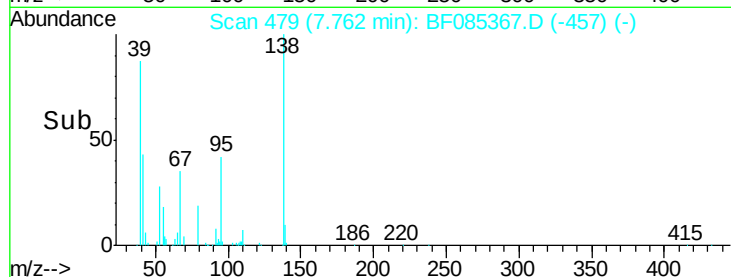
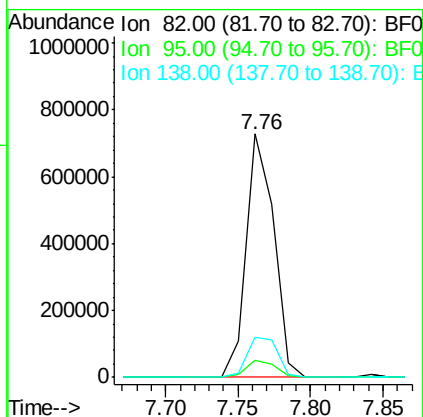
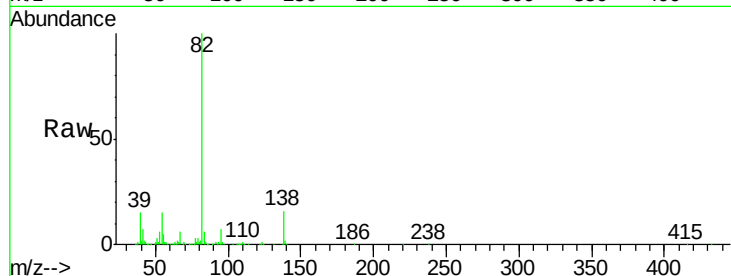
SSTDCCC040EC

Manual Integrations
APPROVED

Sohil

3/11/2016 4:58:50 PM

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	959971		
95	6.9	5.4	8.2	
138	16.2	13.3	19.9	



#26

2-Nitrophenol

Concen: 40.50 ng

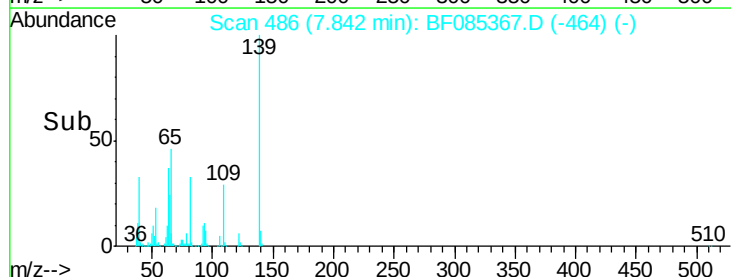
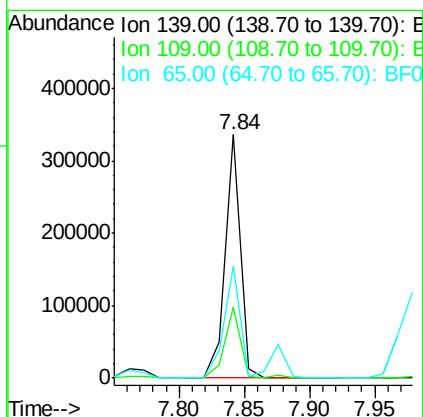
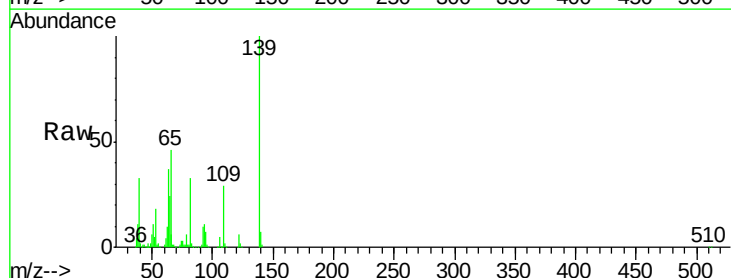
RT: 7.84 min Scan# 486

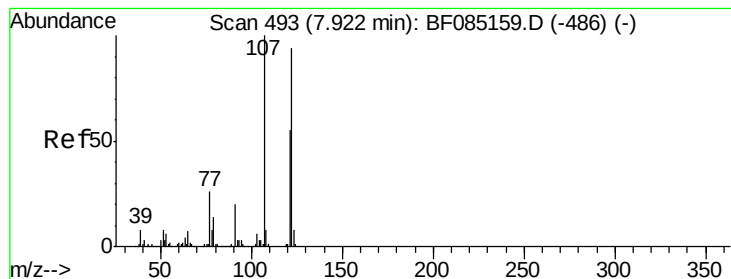
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	274425		
109	28.8	19.1	28.7#	
65	46.0	23.9	35.9#	





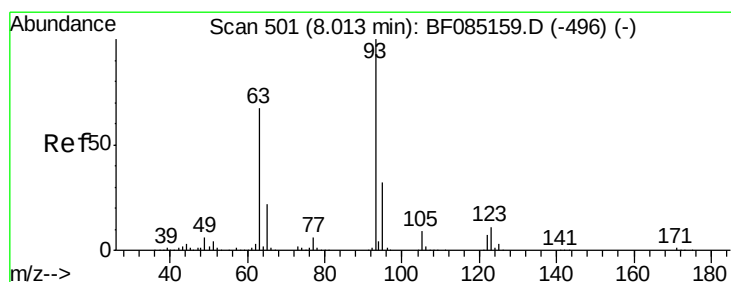
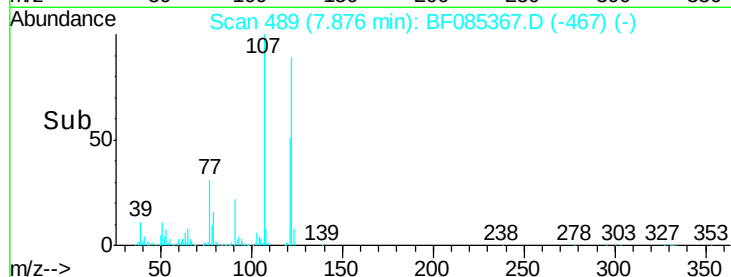
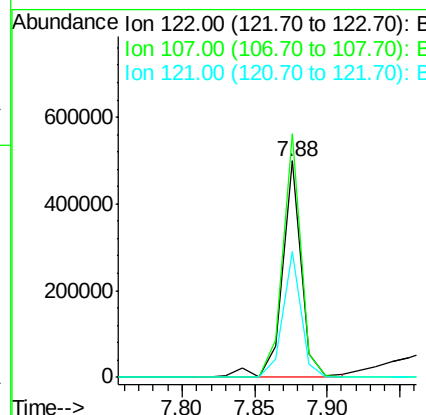
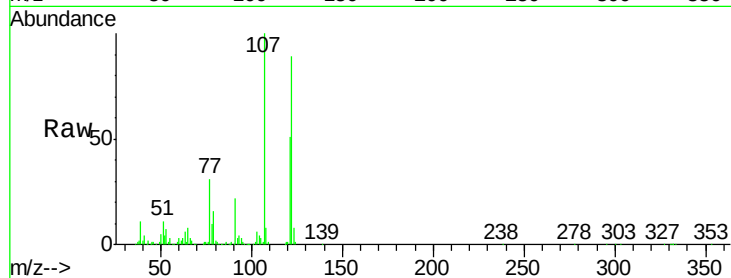
#27
2,4-Dimethylphenol
Concen: 36.93 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	457300		
107	112.5	84.8	127.2	
121	57.9	47.0	70.6	

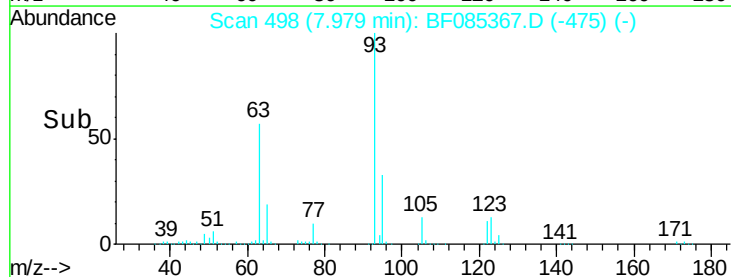
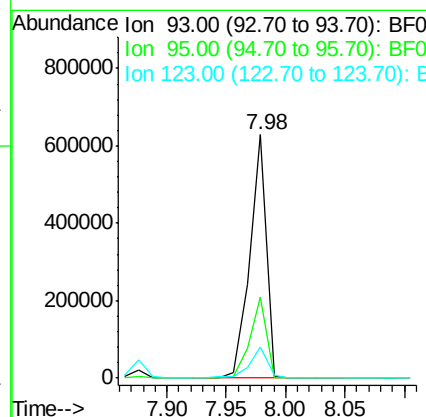
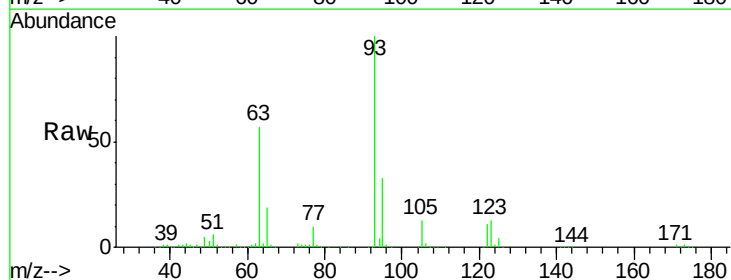
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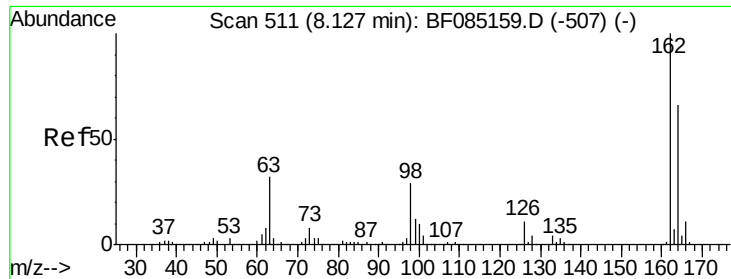
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#28
bis(2-Chloroethoxy)methane
Concen: 43.18 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	610761		
95	33.3	25.9	38.9	
123	12.7	8.8	13.2	





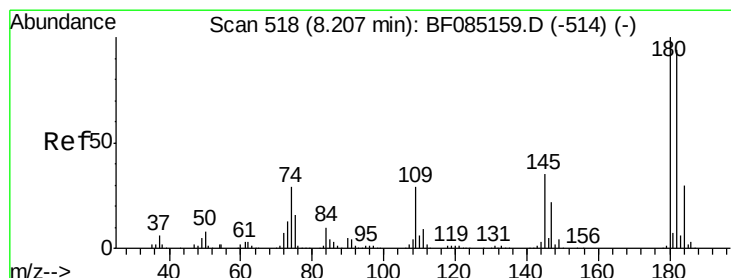
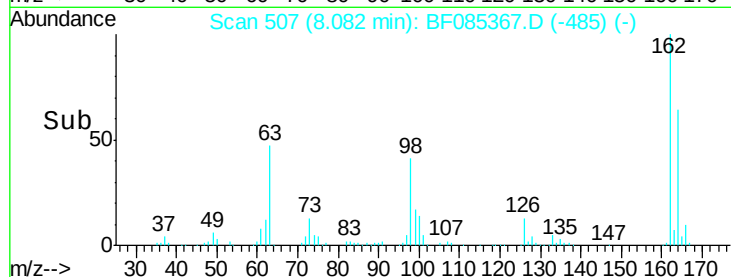
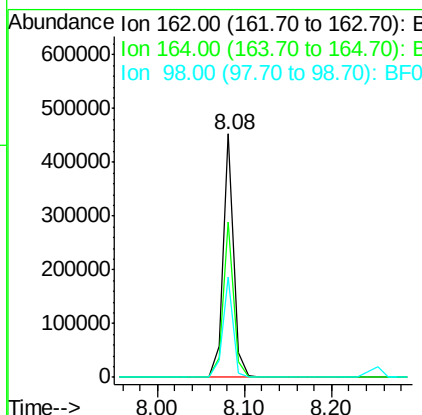
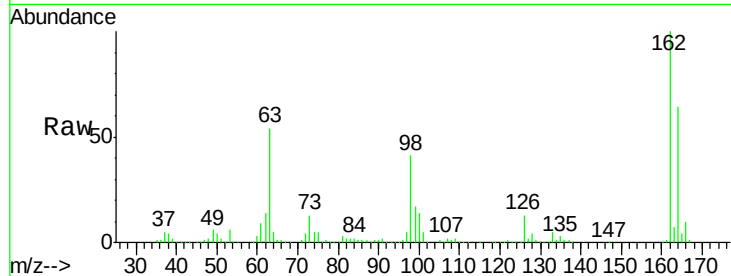
#29
 2,4-Dichlorophenol
 Concen: 38.68 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	386278		
164	63.9	45.7	85.7	
98	41.2	9.4	49.4	

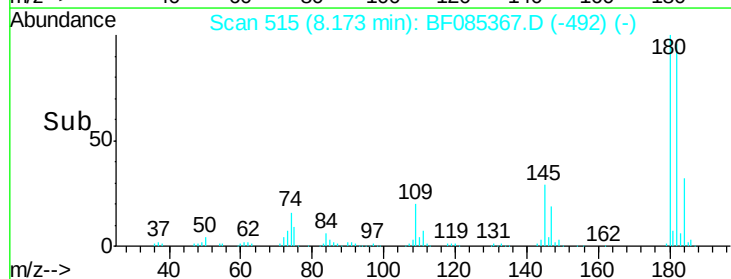
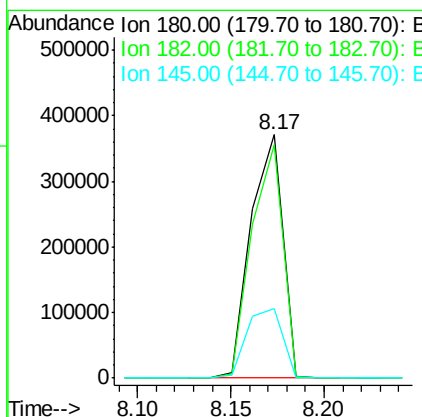
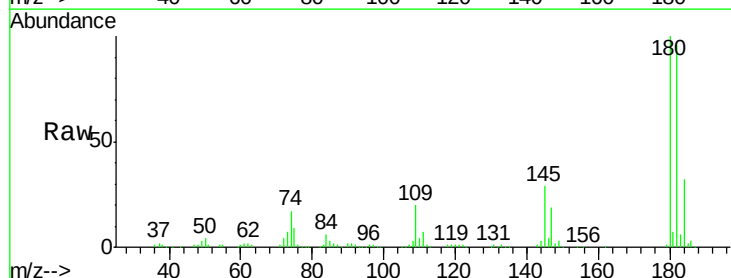
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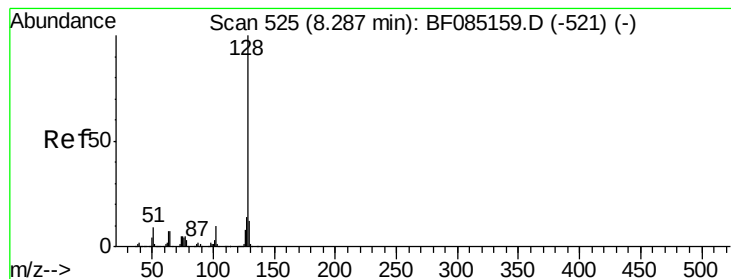
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 8.17 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	438076		
182	95.9	74.9	112.3	
145	28.6	27.9	41.9	





#31

Naphthalene

Concen: 40.64 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1465616

Ion Ratio Lower Upper

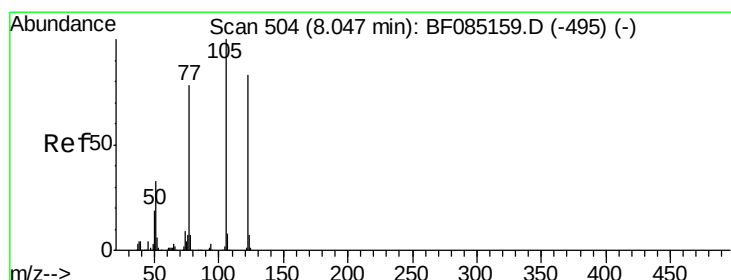
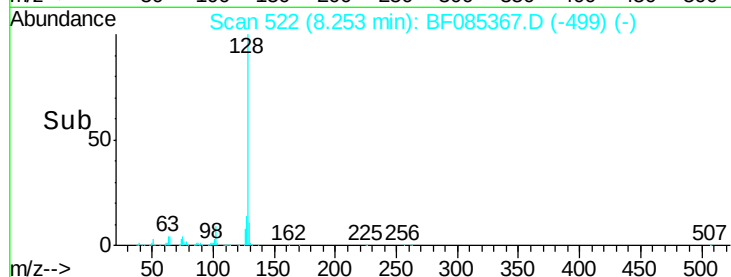
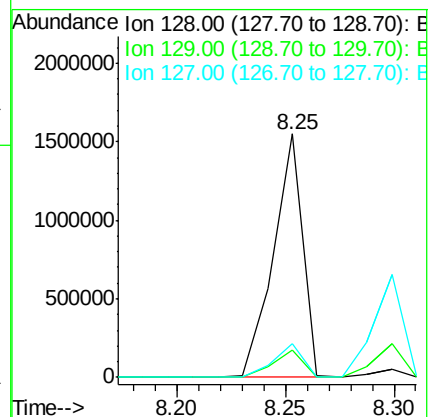
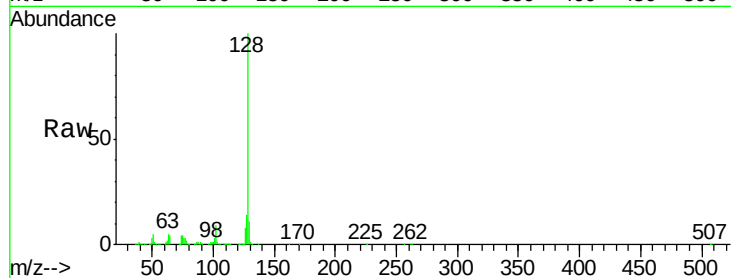
128 100

129 11.4 9.7 14.5

127 13.8 11.2 16.8

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#32

Benzoic acid

Concen: 34.96 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

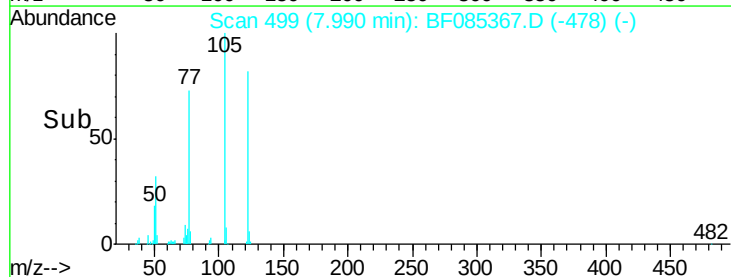
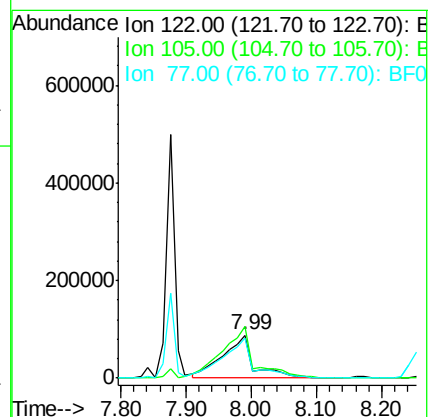
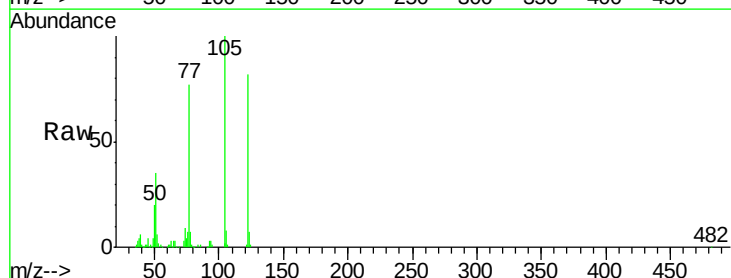
Tgt Ion:122 Resp: 287502

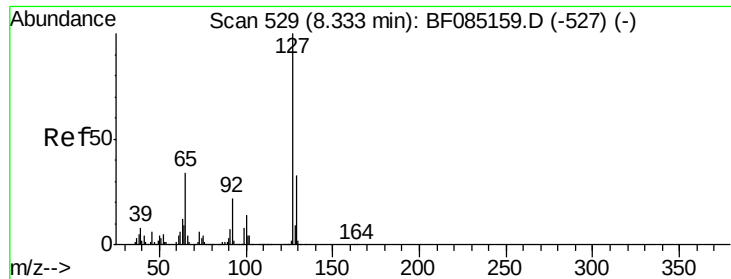
Ion Ratio Lower Upper

122 100

105 121.7 101.3 141.3

77 93.4 74.7 114.7





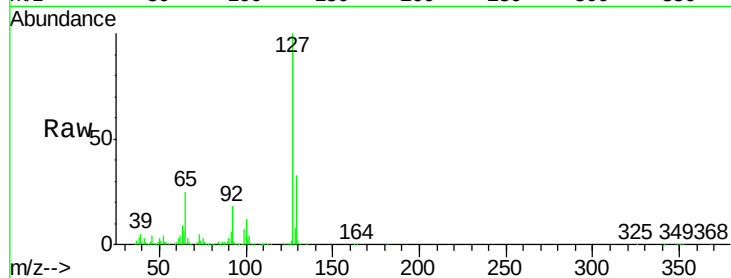
#33
4-Chloroaniline
Concen: 42.35 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

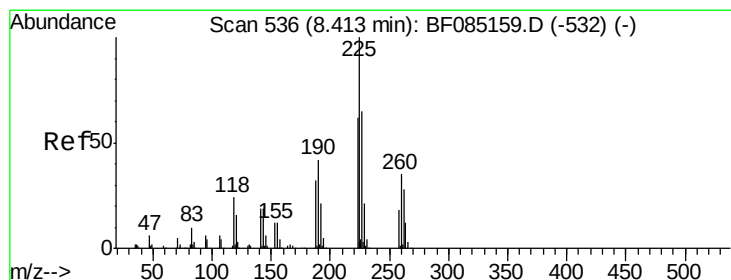
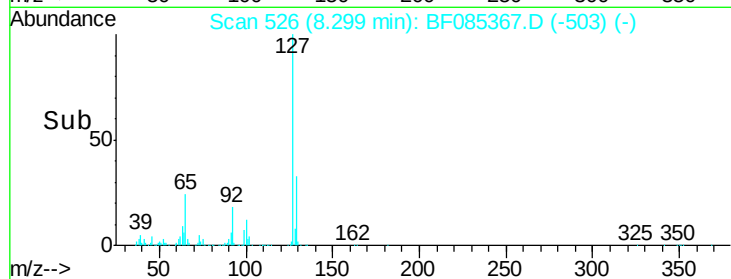
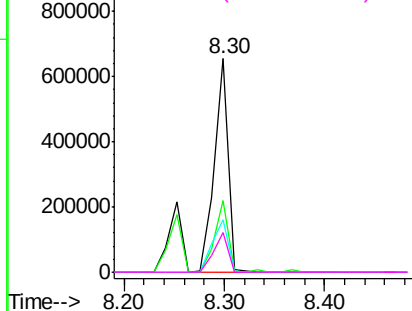
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	26.1	39.1
65	24.6	27.0	40.6
92	18.5	17.4	26.0

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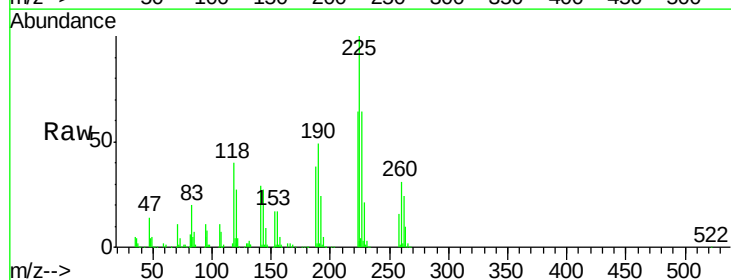


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

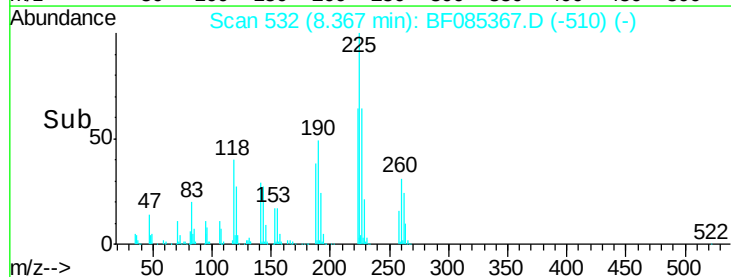
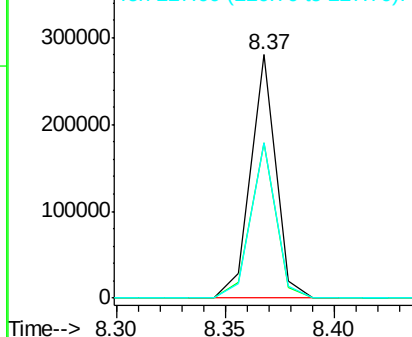


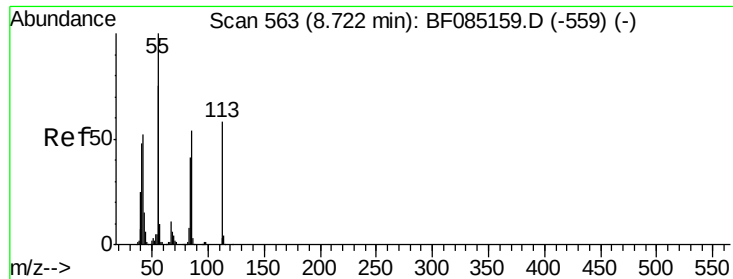
#34
Hexachlorobutadiene
Concen: 40.11 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.8	49.7	74.5
227	63.7	52.2	78.4



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





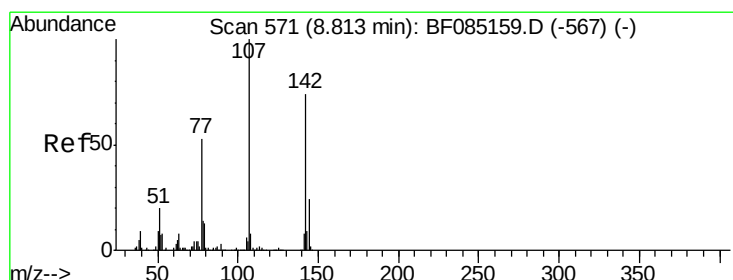
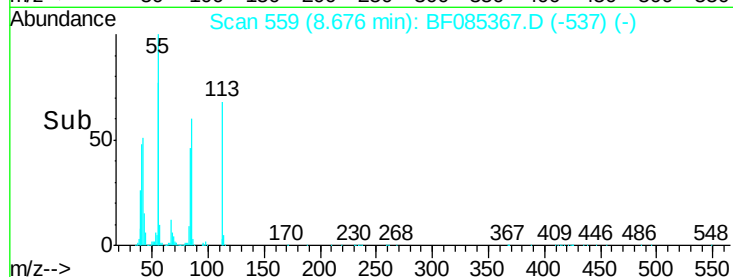
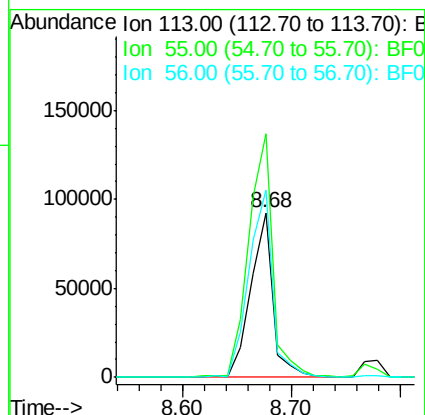
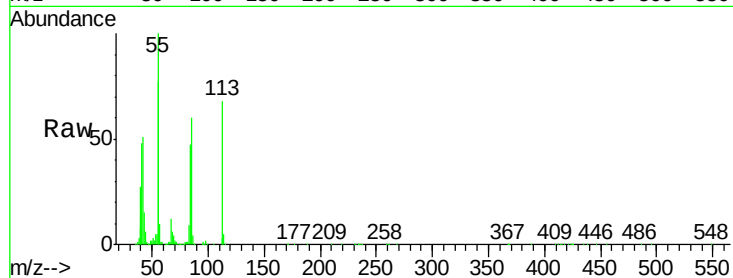
#35
 Caprolactam
 Concen: 40.36 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	147.8	152.7	192.7#	
56	113.6	109.0	149.0	

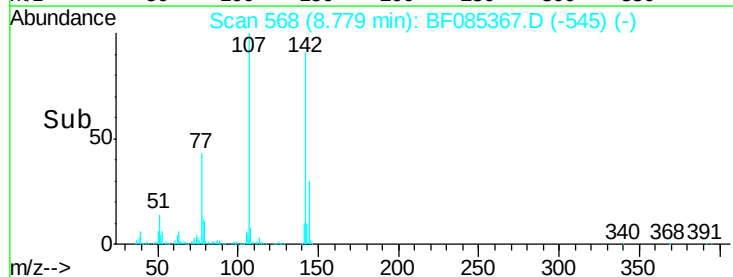
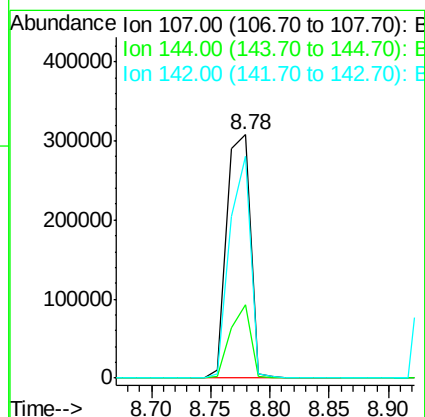
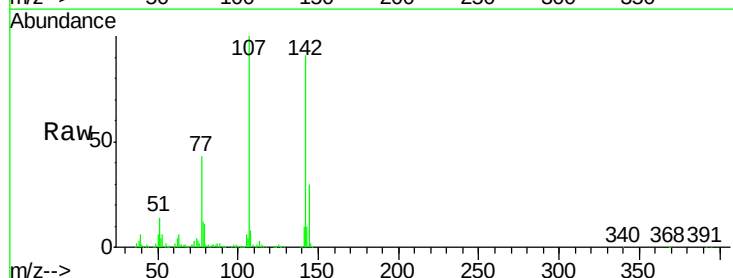
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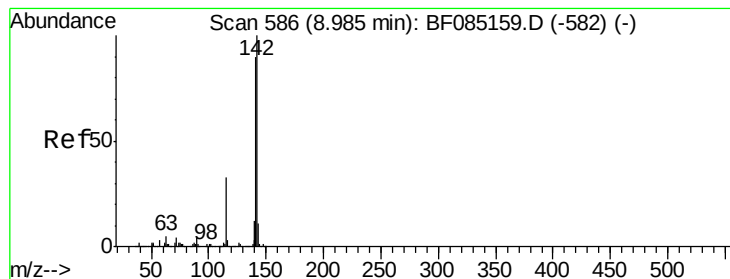
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#36
 4-Chloro-3-methylphenol
 Concen: 37.56 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	30.0	19.4	29.2#	
142	91.3	59.4	89.2#	





#37

2-Methylnaphthalene

Concen: 36.71 ng

RT: 8.94 min Scan# 582

Delta R.T. -0.05 min

Lab File: BF085367.D

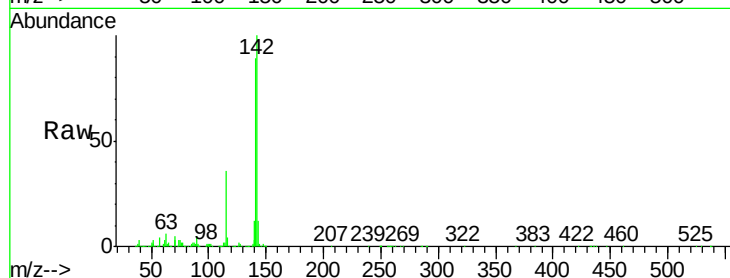
Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

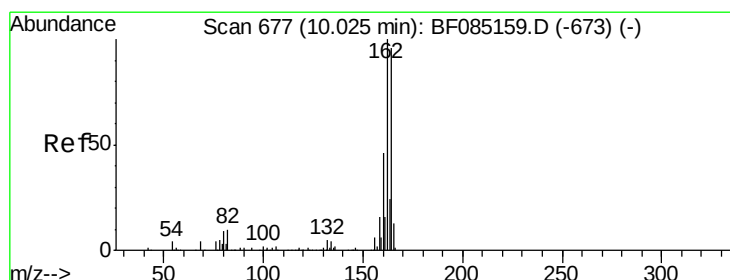
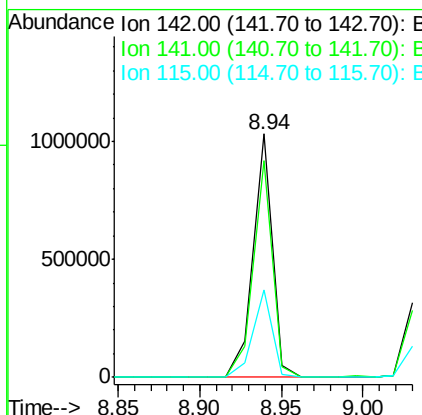
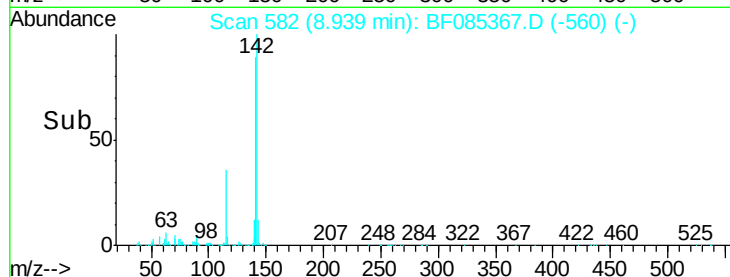
SSTDCCC040EC



Tgt Ion:	142	Resp:	849482
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.7	107.5
115	36.1	26.2	39.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

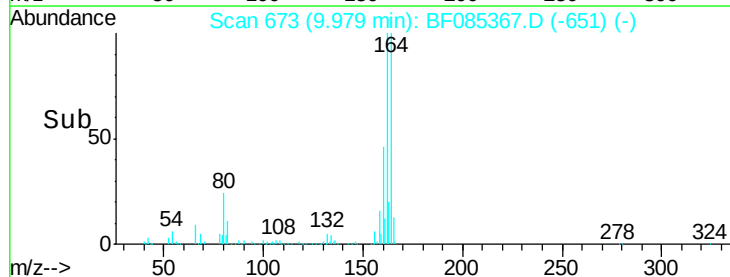
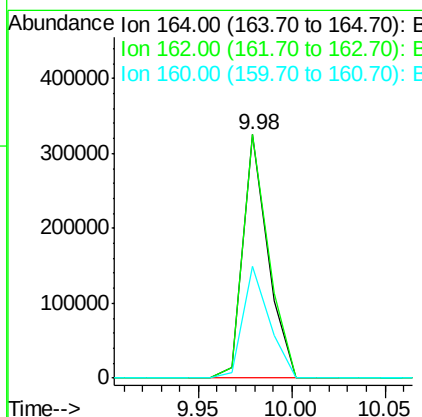
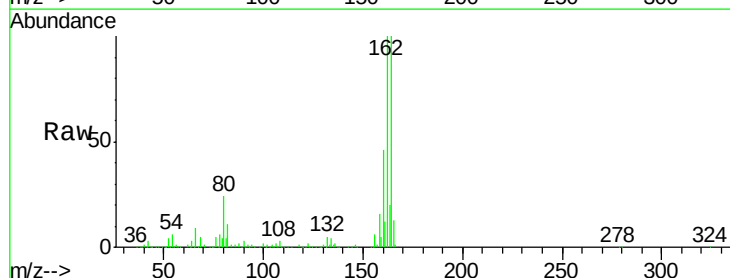
RT: 9.98 min Scan# 673

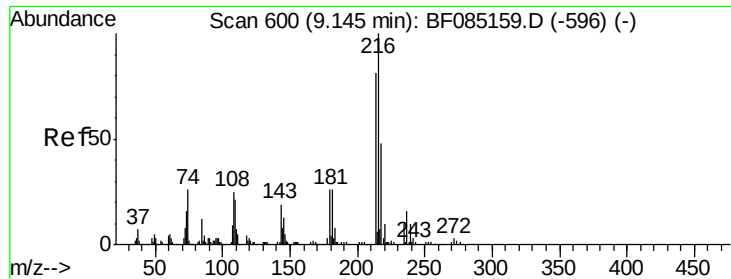
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	164	Resp:	303022
Ion Ratio	Lower	Upper	
164	100		
162	100.2	83.3	124.9
160	46.1	37.9	56.9





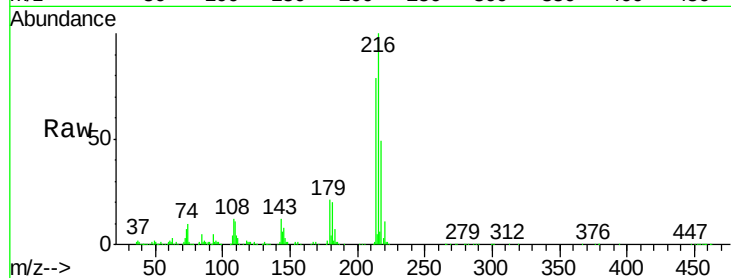
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.71 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

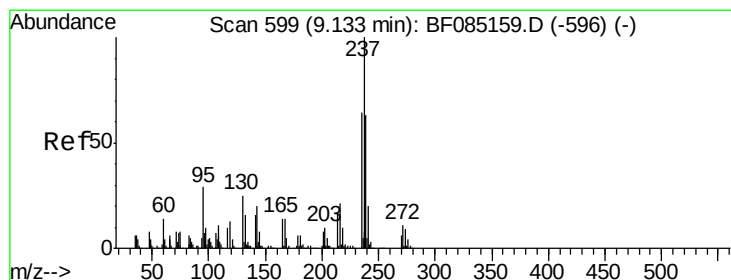
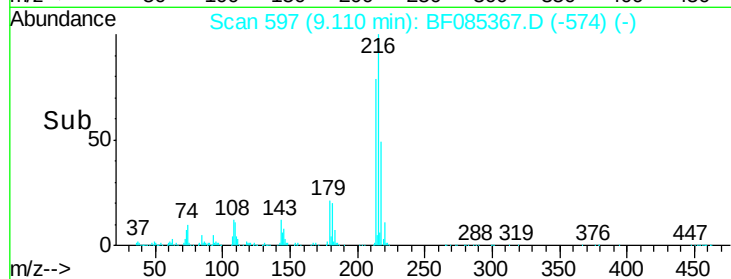
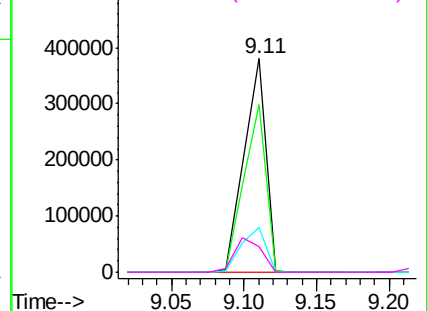
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	396131		
214	79.3	63.8	95.6	
179	23.4	19.6	29.4	
108	20.2	19.6	29.4	

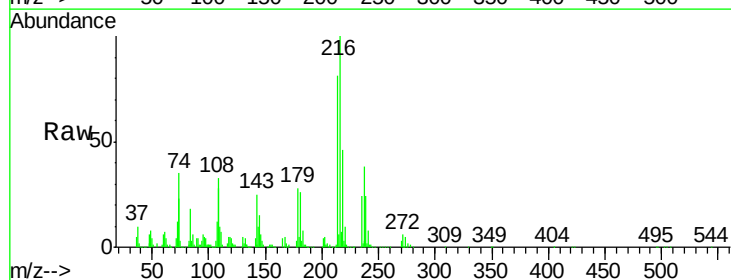


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

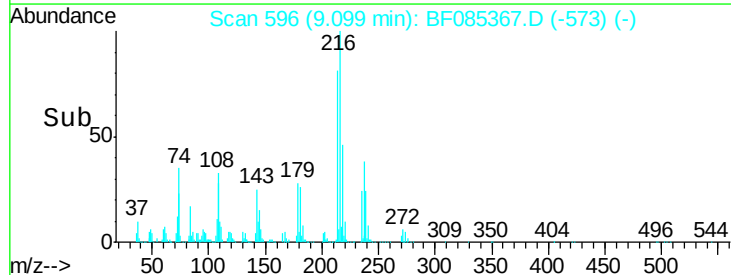
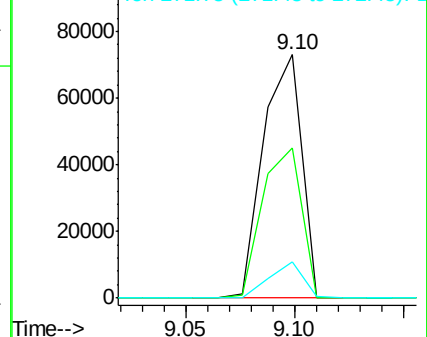


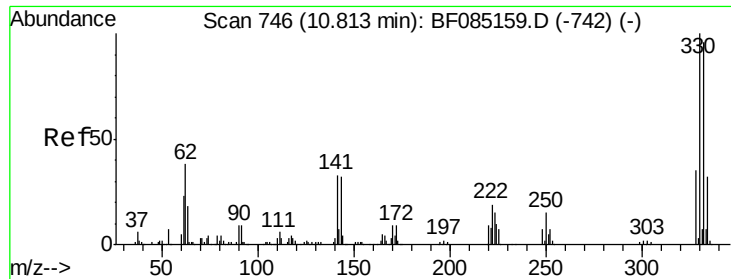
#40
 Hexachlorocyclopentadiene
 Concen: 19.31 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	90243		
235	61.6	43.7	83.7	
272	14.7	0.0	31.5	



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





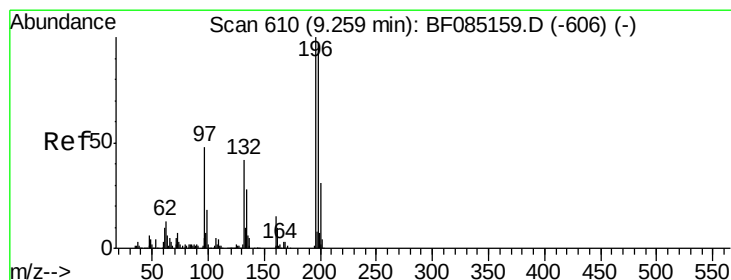
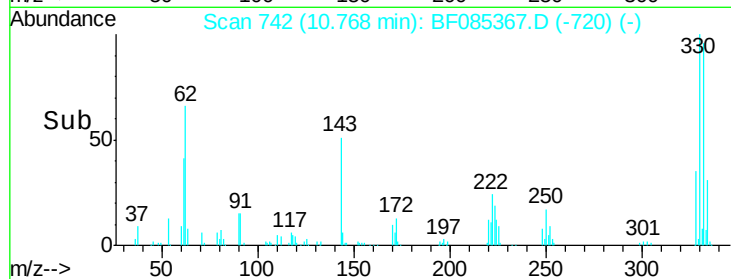
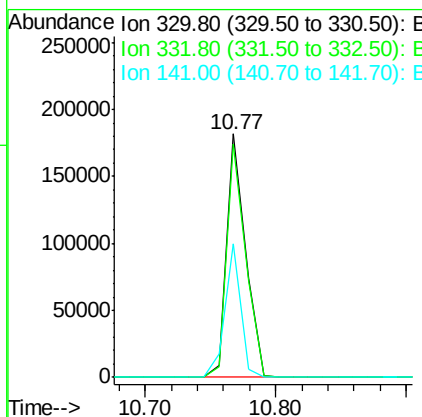
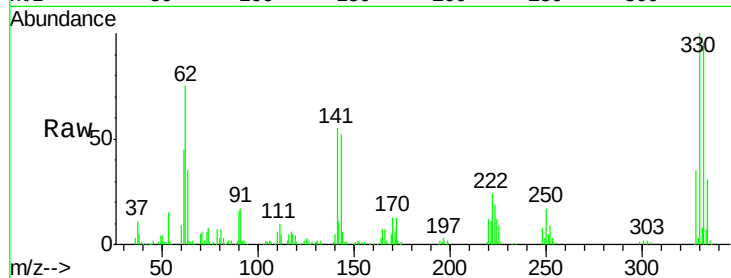
#41
 2,4,6-Tribromophenol
 Concen: 70.71 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	183342		
332	96.1	77.1	115.7	
141	46.2	35.0	52.6	

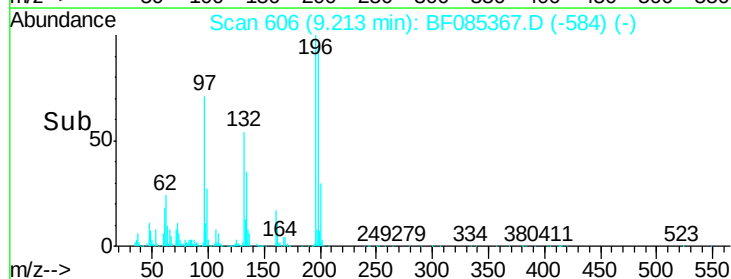
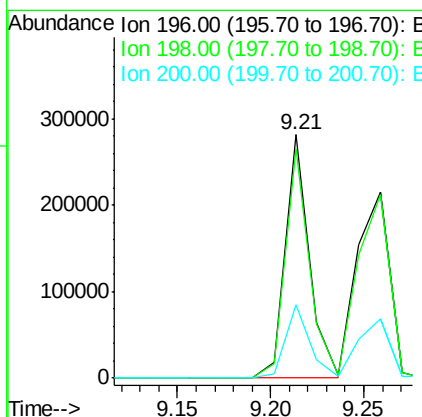
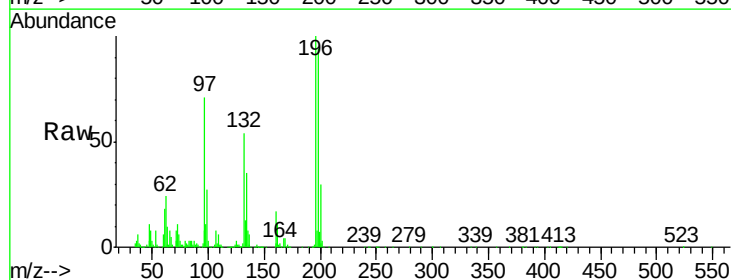
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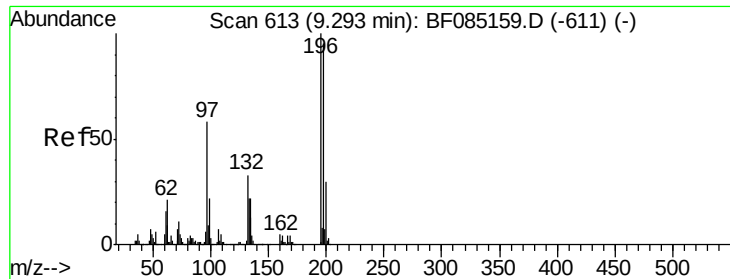
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#42
 2,4,6-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252787		
198	94.3	77.8	116.6	
200	29.9	25.0	37.6	





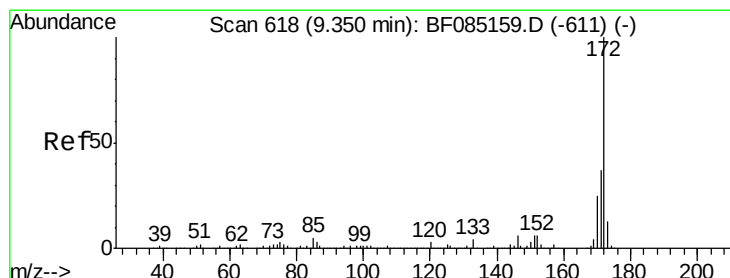
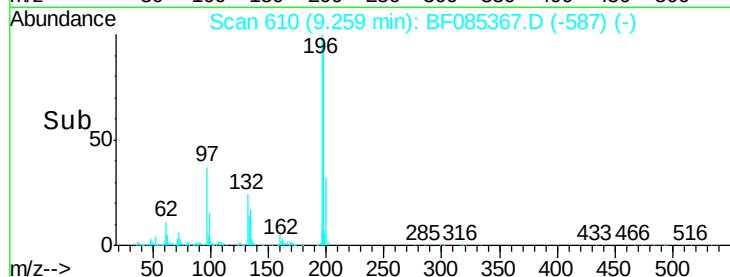
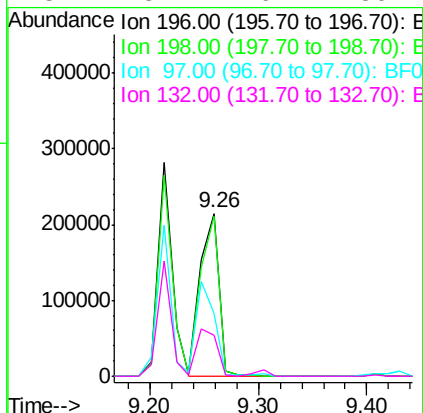
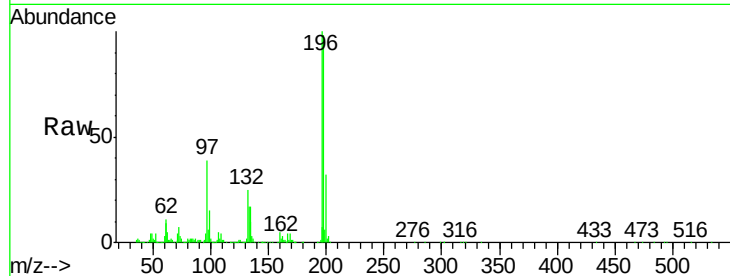
#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261130		
198	98.3	75.7	113.5	
97	38.6	46.4	69.6	
132	25.2	26.2	39.4	

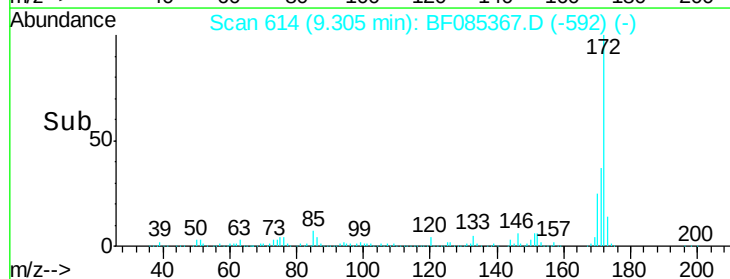
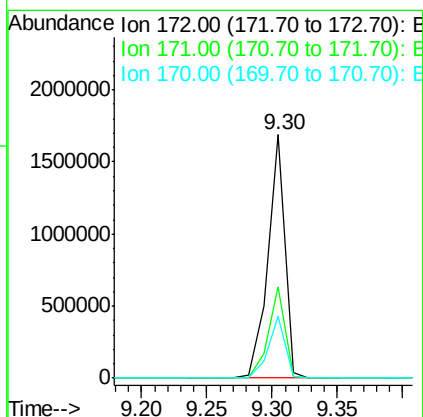
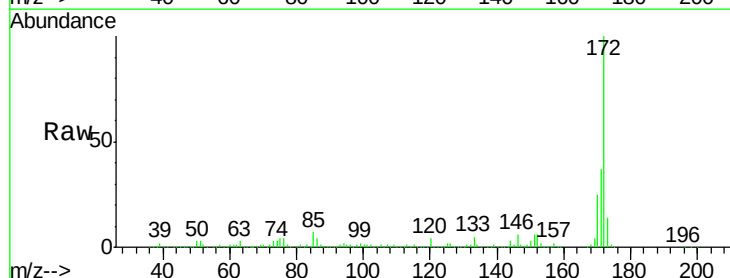
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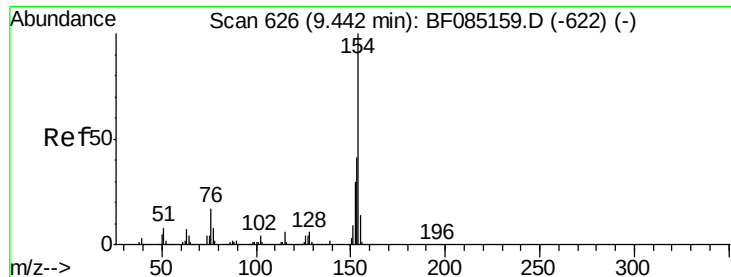
Sohil
 3/11/2016 4:58:50 PM



#44
 2-Fluorobiphenyl
 Concen: 77.35 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1541254		
171	37.4	29.3	43.9	
170	25.2	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 44.38 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1148890

Ion Ratio Lower Upper

154 100

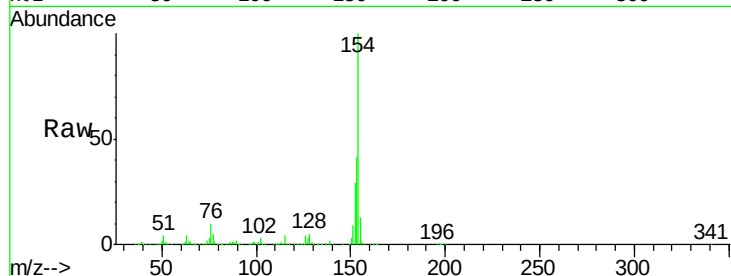
153 41.2 21.4 61.4

76 10.1 0.0 37.5

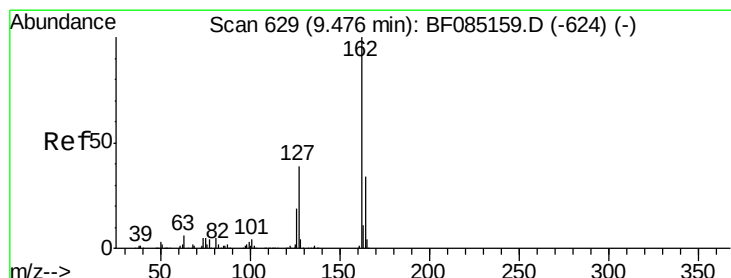
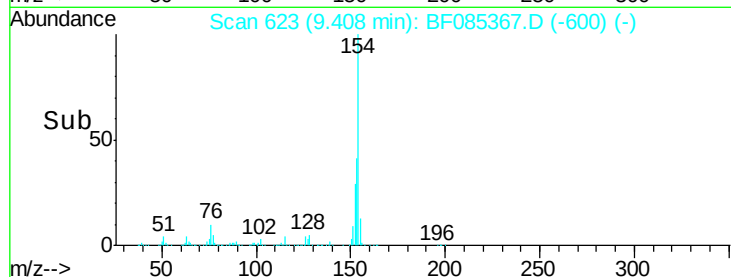
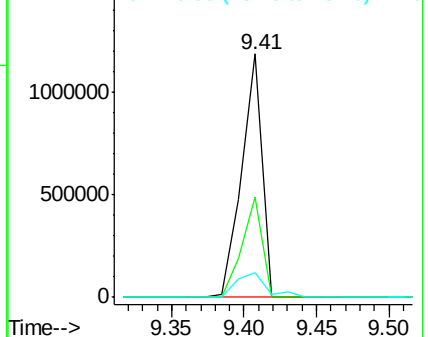
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.44 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

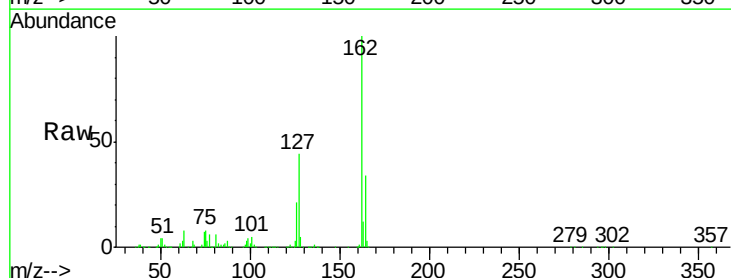
Tgt Ion:162 Resp: 817844

Ion Ratio Lower Upper

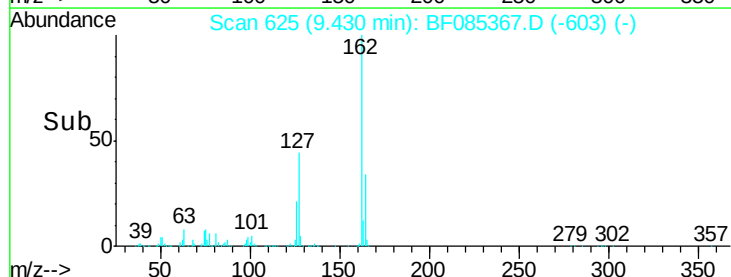
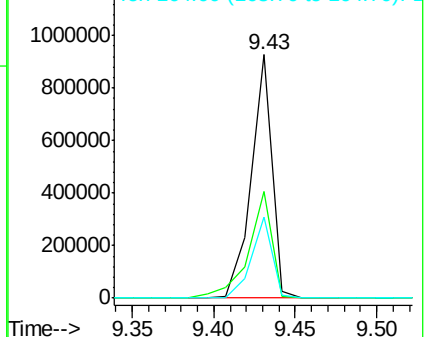
162 100

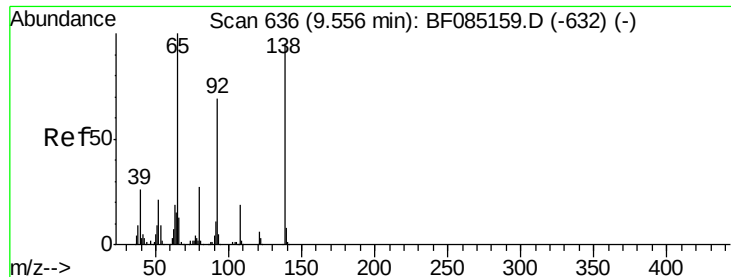
127 44.0 31.6 47.4

164 33.5 27.1 40.7



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





#47

2-Nitroaniline

Concen: 41.72 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

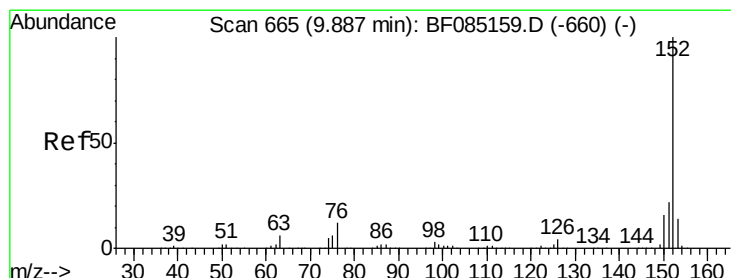
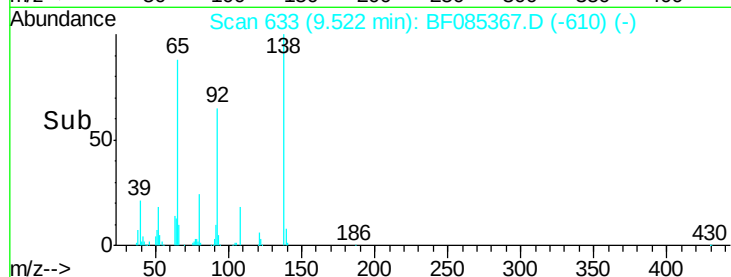
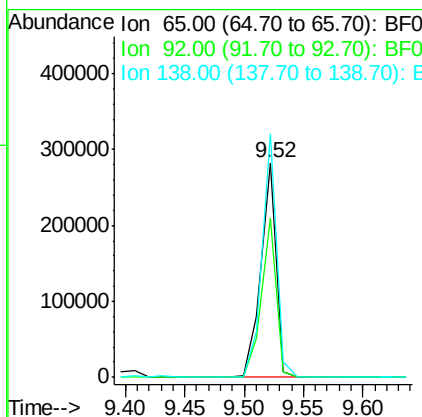
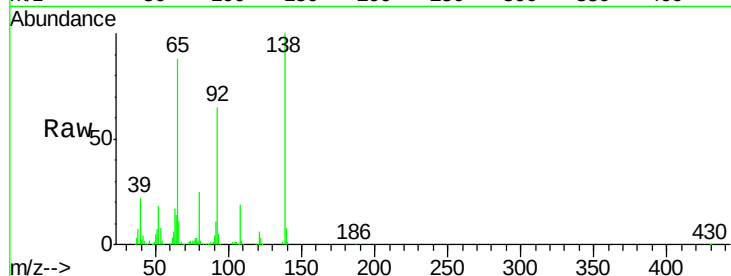
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Tgt Ion:	65	Resp:	255110
Ion Ratio	Lower	Upper	
65	100		
92	74.2	55.4	83.2
138	113.6	75.7	113.5#



#48

Acenaphthylene

Concen: 38.63 ng

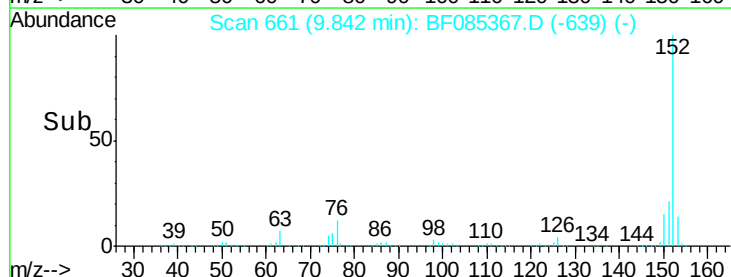
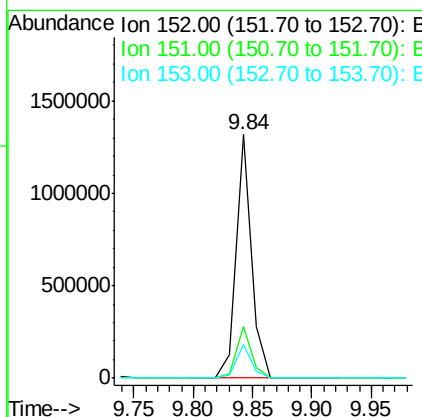
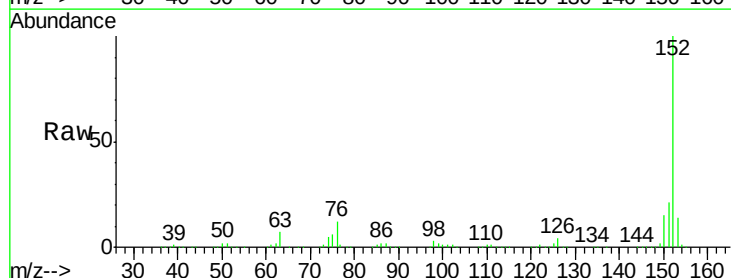
RT: 9.84 min Scan# 661

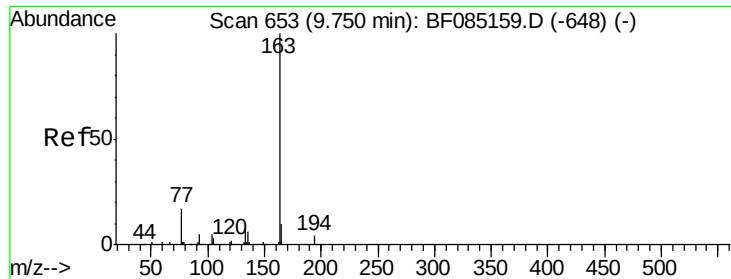
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	152	Resp:	1186392
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.5	26.3
153	13.8	11.3	16.9





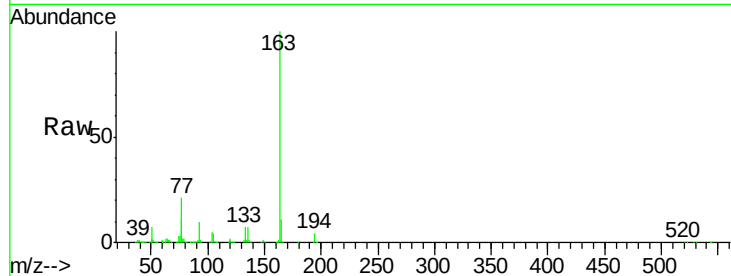
#49
Dimethylphthalate
Concen: 41.02 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

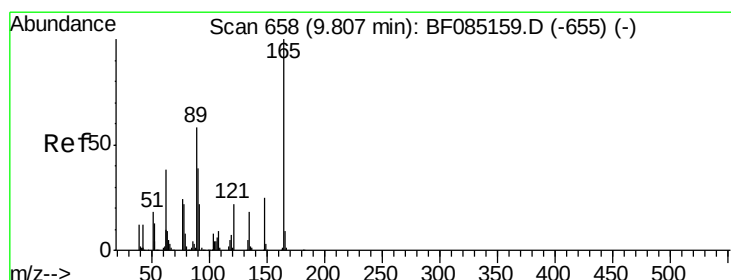
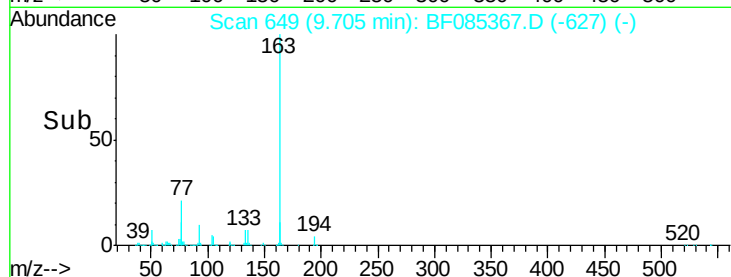
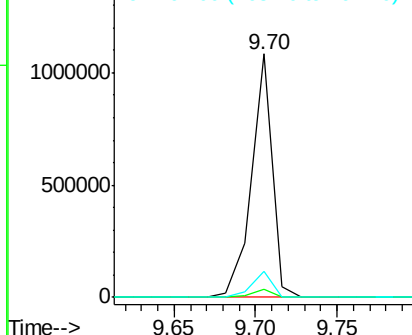
Tgt	Ion	Ratio	Resp	Lower	Upper
163	100		954052		
194	3.6		3.1	4.7	
164	10.6		8.2	12.4	

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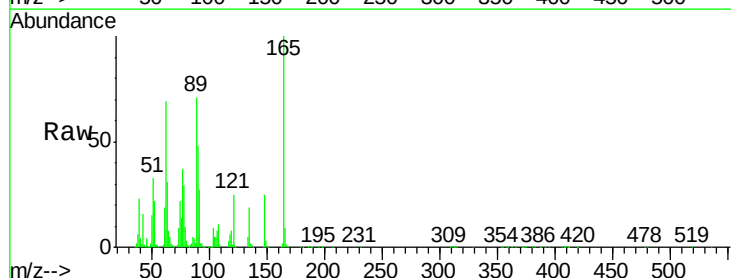


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

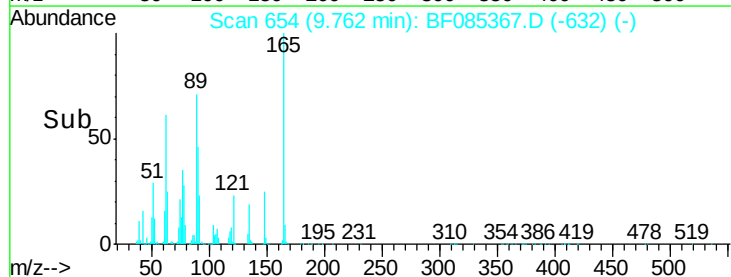
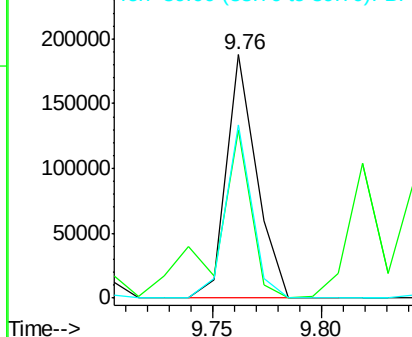


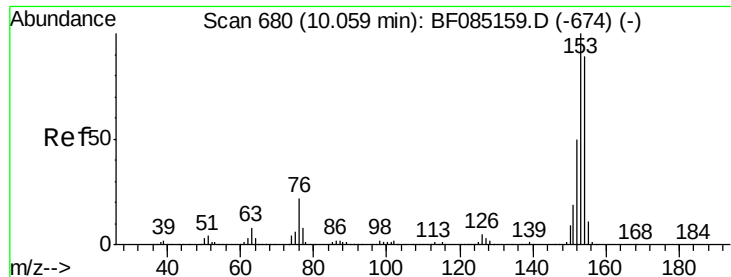
#50
2,6-Dinitrotoluene
Concen: 36.15 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		179882		
63	69.0		41.8	62.8#	
89	71.2		46.7	70.1#	



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





#51

Acenaphthene

Concen: 38.03 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

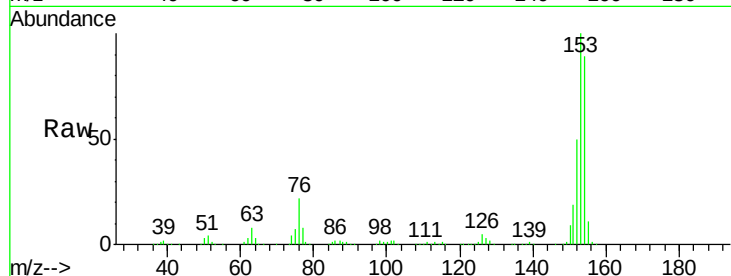
ClientSampleId :

SSTDCCC040EC

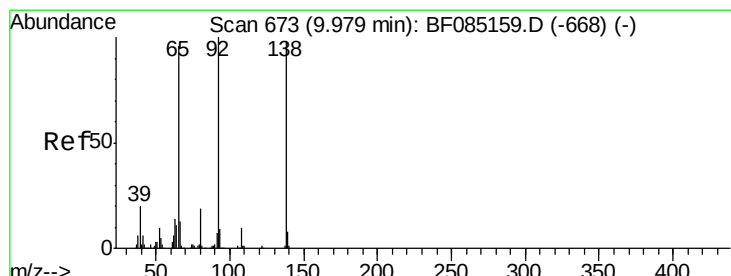
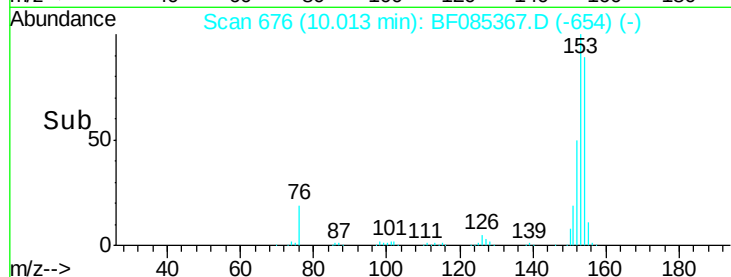
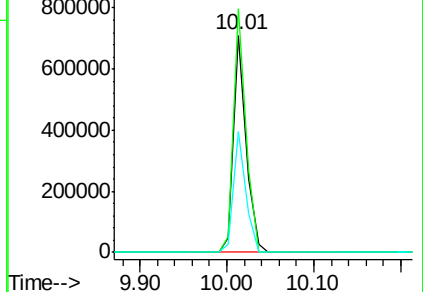
Tgt Ion:	154	Resp:	709289
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.8
152	55.8	44.6	66.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.20 ng

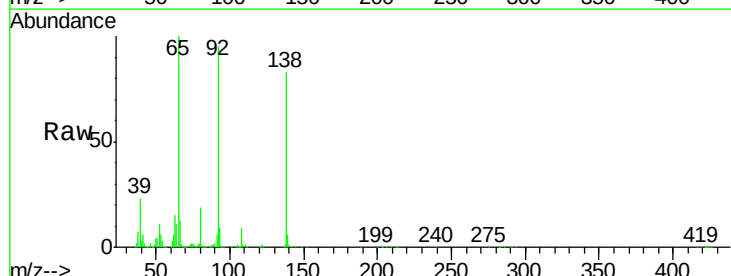
RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

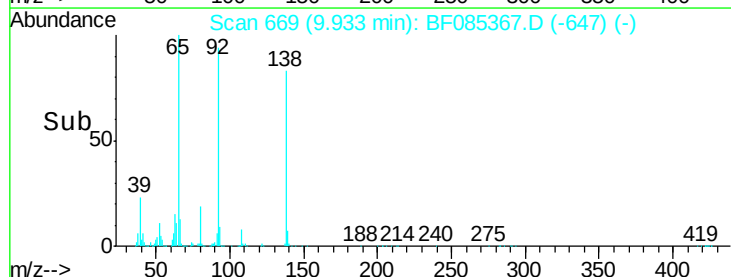
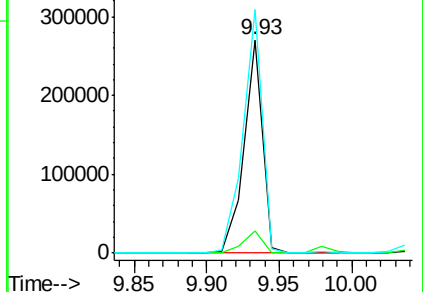
Lab File: BF085367.D

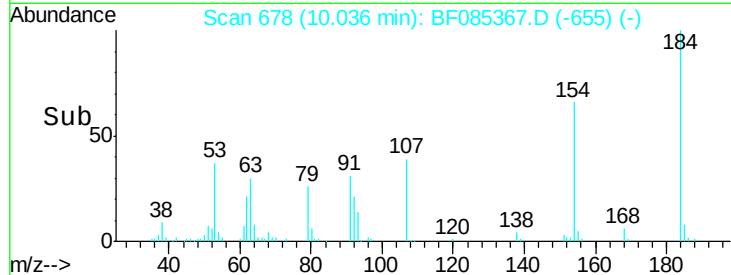
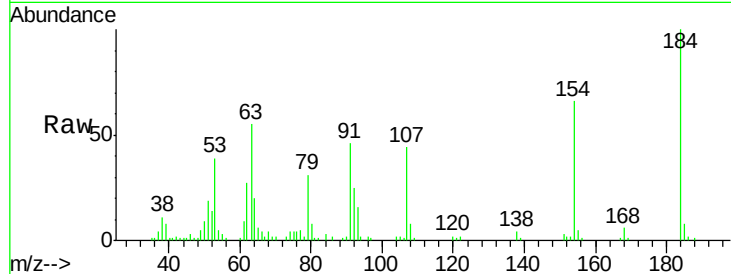
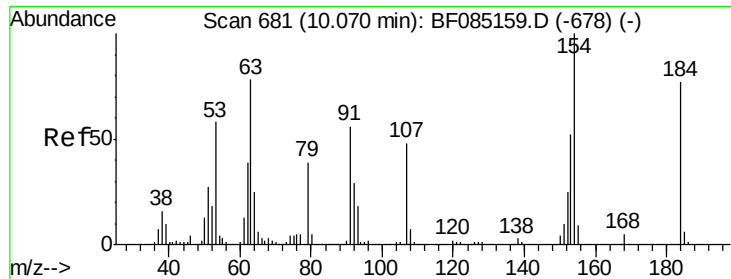
Acq: 11 Mar 2016 9:50

Tgt Ion:	138	Resp:	239301
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	114.4	81.3	121.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





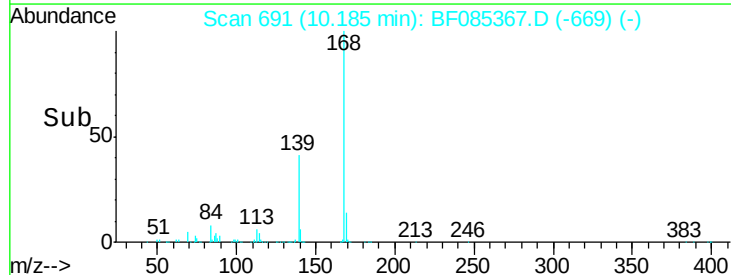
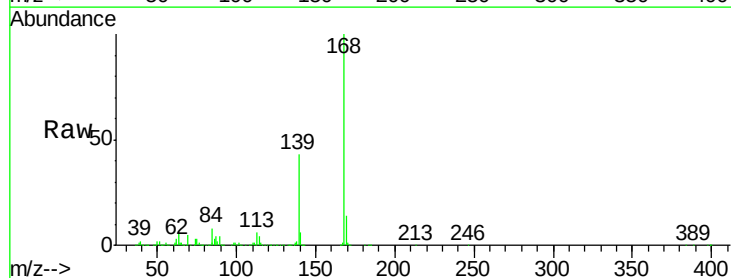
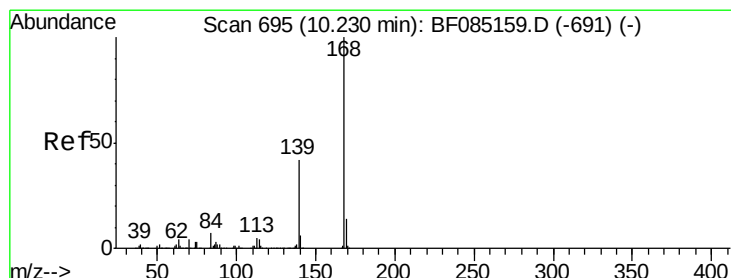
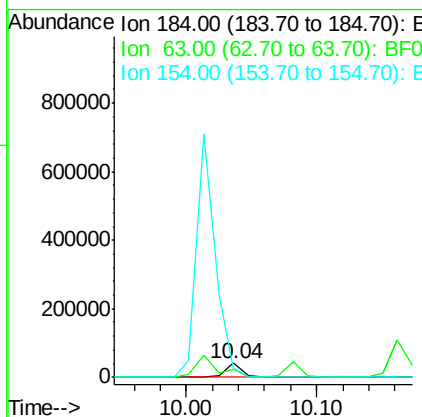
#53
2,4-Dinitrophenol
Concen: 20.66 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35457		
63	55.4	82.2	123.4#	
154	66.0	108.9	163.3#	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

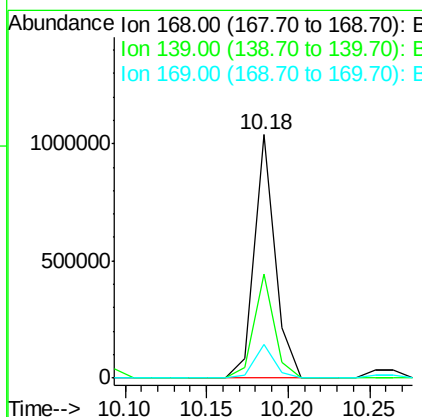
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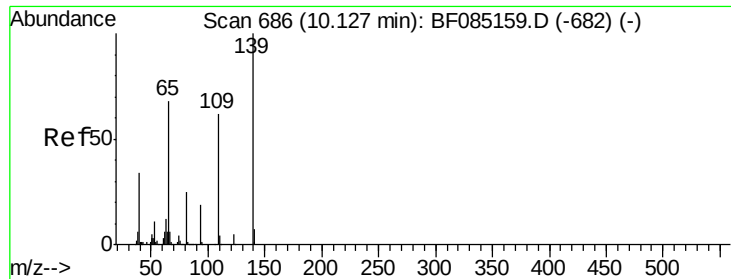
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#54
Dibenzofuran
Concen: 37.67 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	920351		
139	42.8	33.6	50.4	
169	14.1	11.2	16.8	





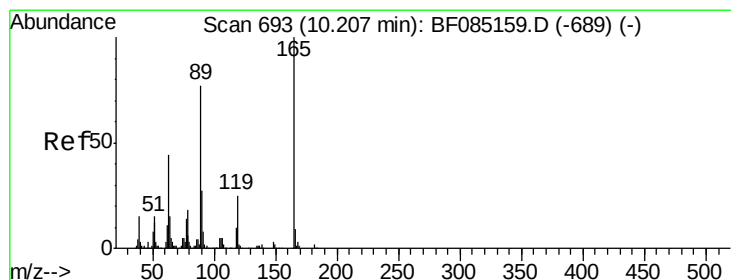
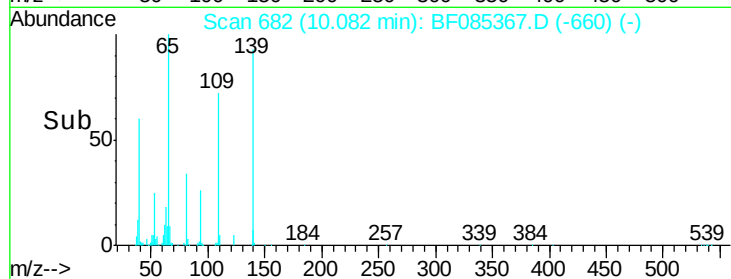
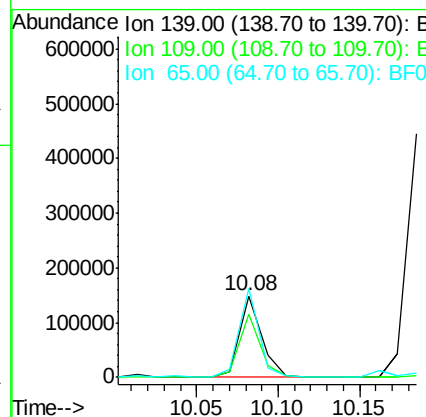
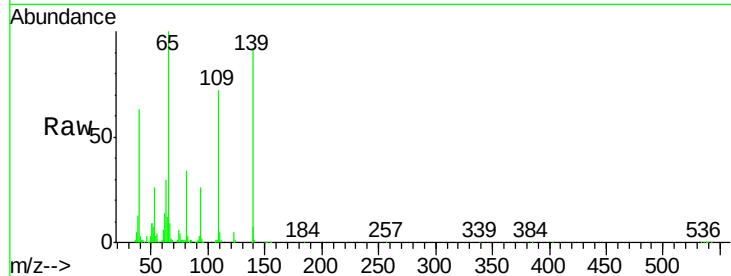
#55
4-Nitrophenol
Concen: 30.08 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140701		
109	77.8	41.9	81.9	
65	108.3	48.3	88.3	

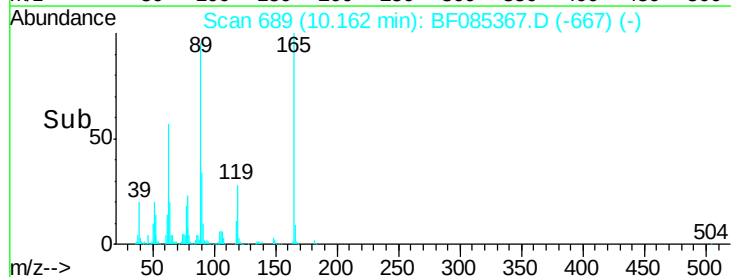
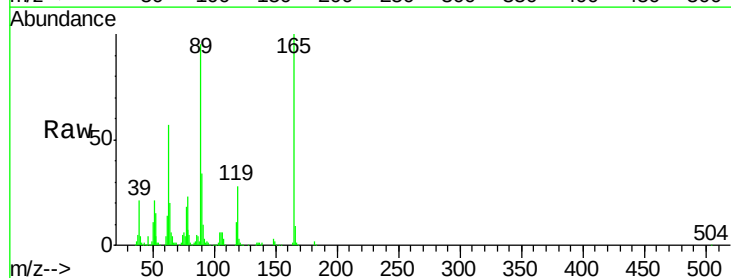
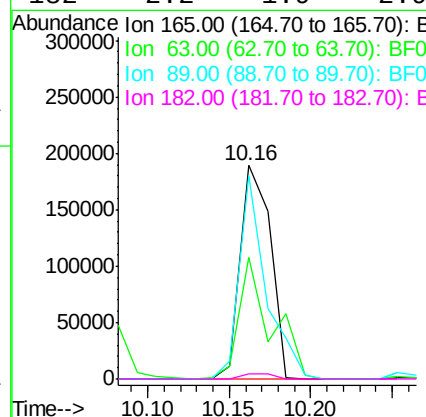
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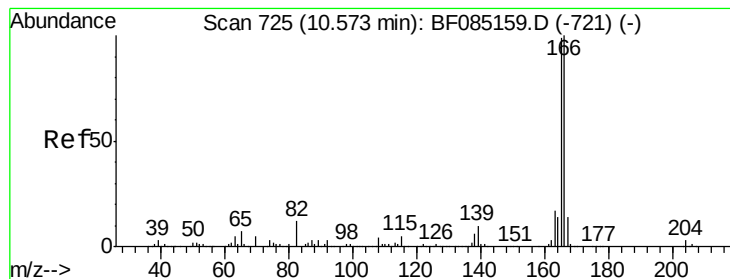
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#56
2,4-Dinitrotoluene
Concen: 37.72 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240178		
63	57.0	35.4	53.0	
89	95.3	61.9	92.9	
182	2.2	1.9	2.9	





#57

Fluorene

Concen: 37.61 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

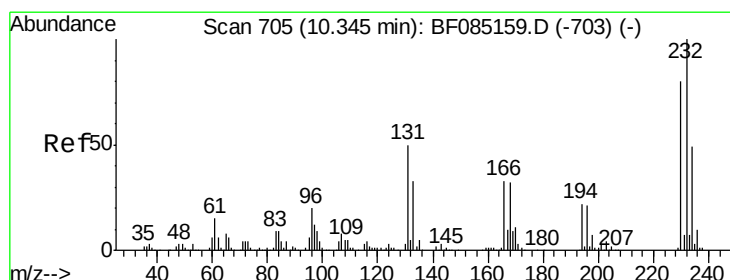
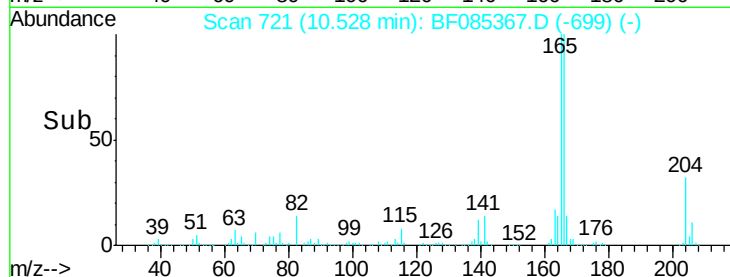
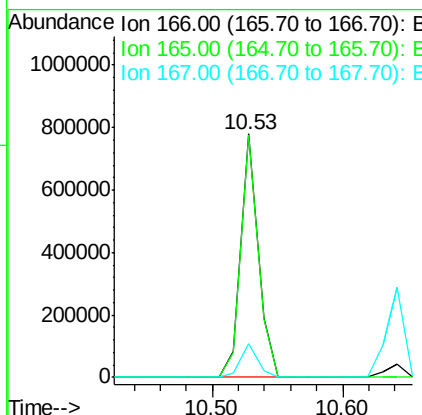
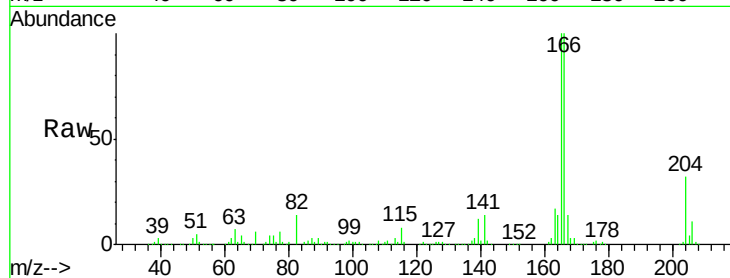
SSTDCCC040EC

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Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		721878		
165	99.8	79.4	119.0		
167	13.9	11.0	16.6		



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.36 ng

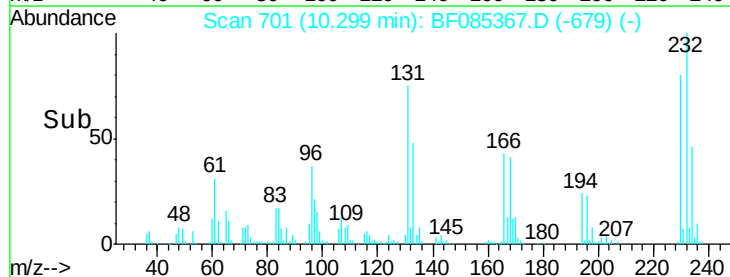
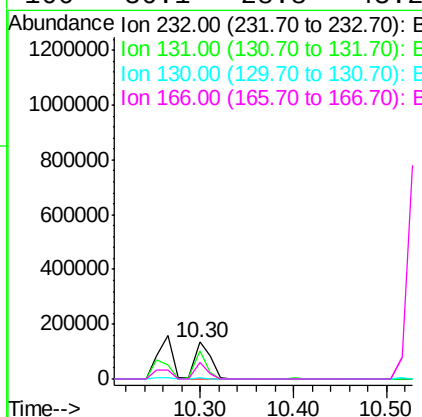
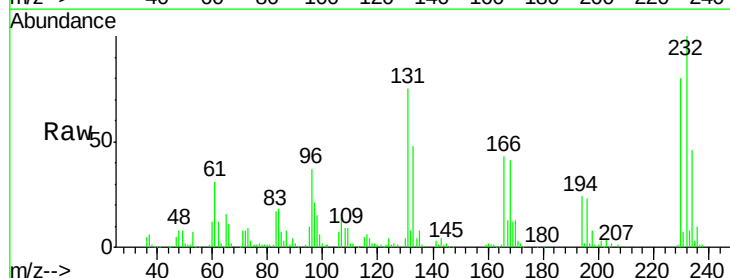
RT: 10.30 min Scan# 701

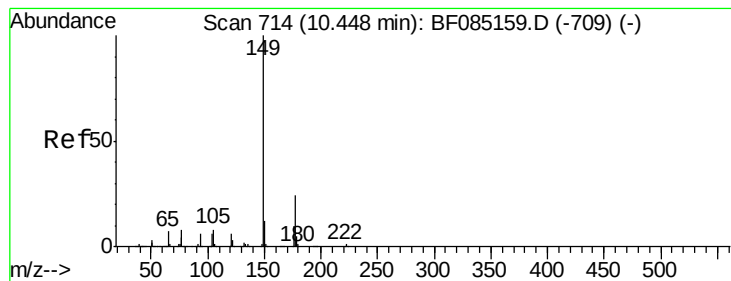
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt	Ion	Ratio	Resp	Lower	Upper
232	100		156258		
131	58.5	46.0	69.0		
130	3.0	2.2	3.4		
166	36.1	28.8	43.2		





#59

Diethylphthalate

Concen: 42.33 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF085367.D

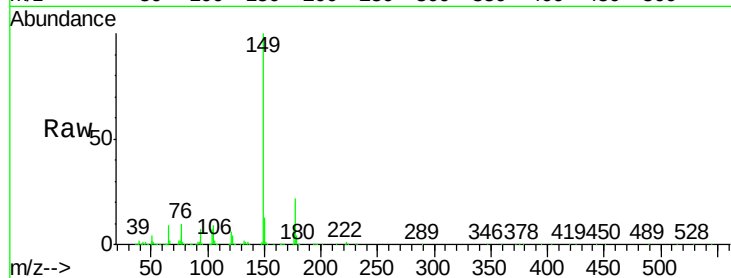
Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

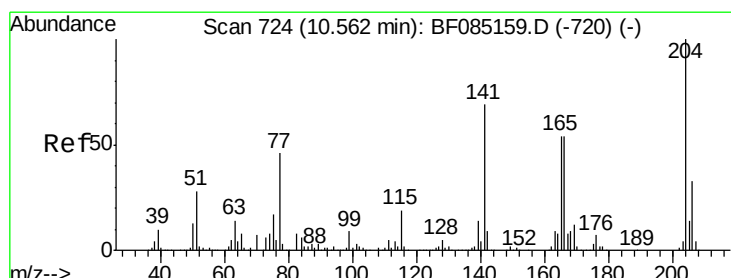
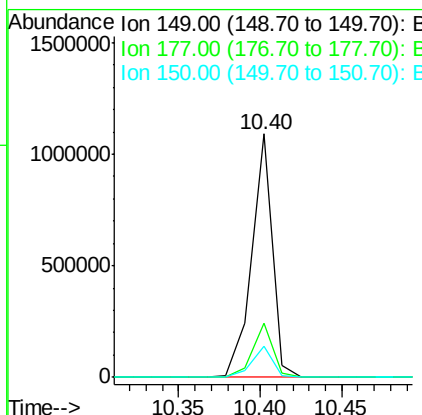
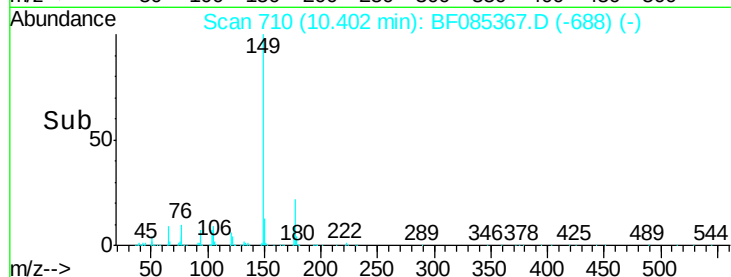
SSTDCCC040EC



Tgt Ion:	149	Resp:	955473
Ion Ratio	Lower	Upper	
149	100		
177	22.2	19.2	28.8
150	13.0	9.9	14.9

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#60

4-Chlorophenyl-phenylether

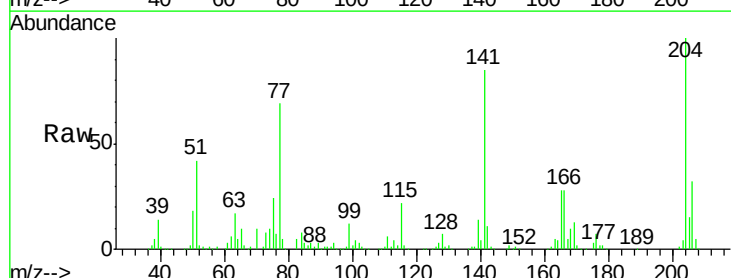
Concen: 39.94 ng

RT: 10.52 min Scan# 720

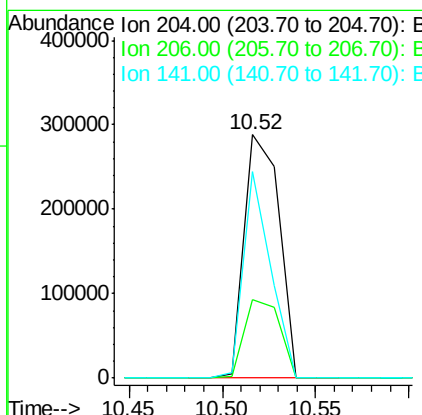
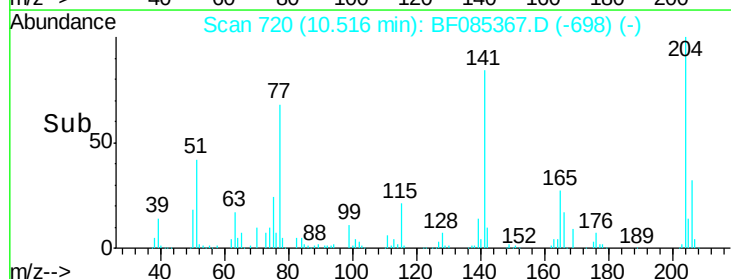
Delta R.T. -0.05 min

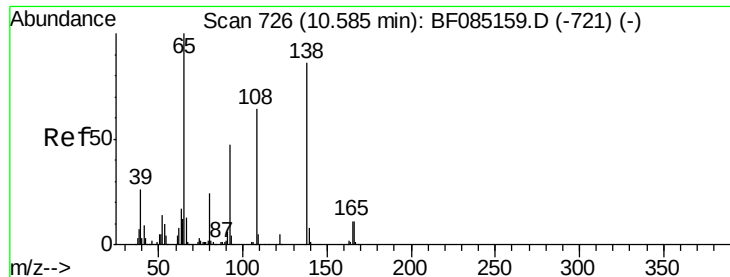
Lab File: BF085367.D

Acq: 11 Mar 2016 9:50



Tgt Ion:	204	Resp:	372923
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.5	39.7
141	84.8	55.4	83.2#





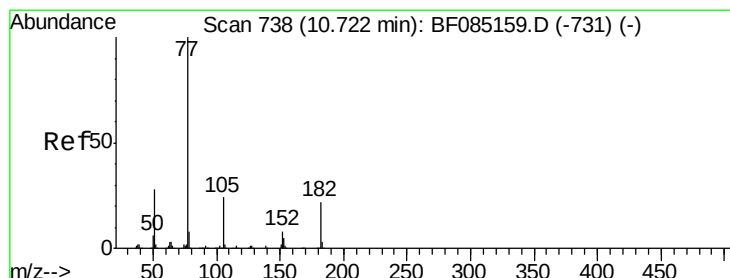
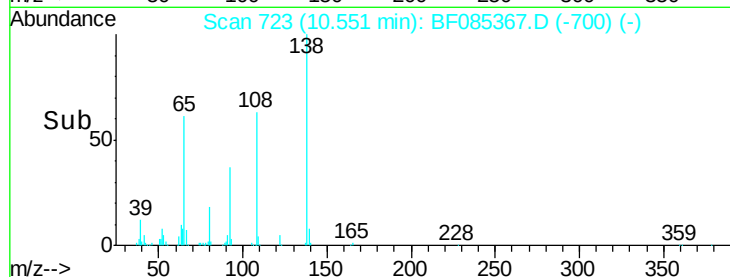
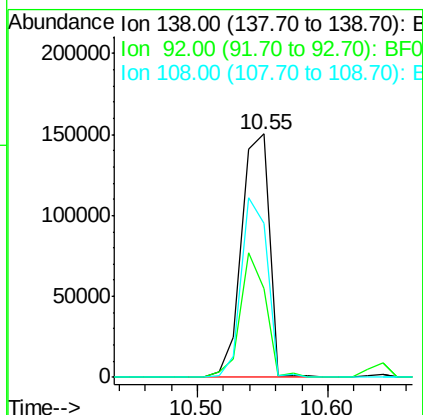
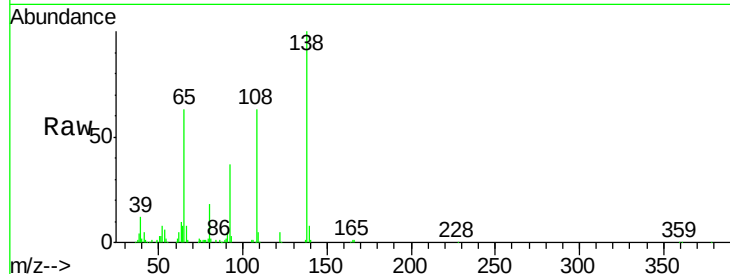
#61
4-Nitroaniline
Concen: 39.74 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	221267		
92	36.5	34.2	74.2	
108	63.3	53.9	93.9	

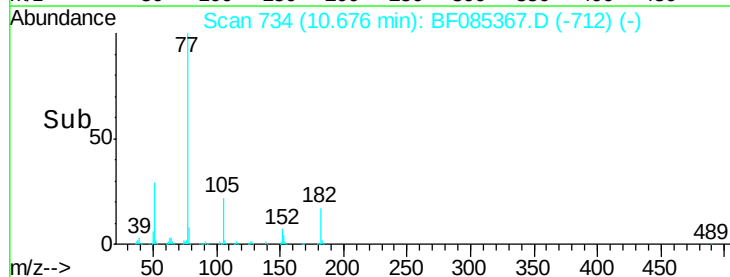
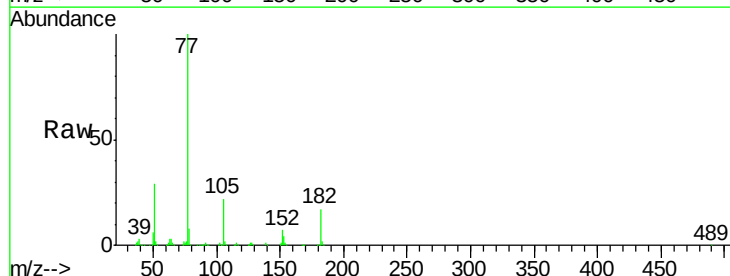
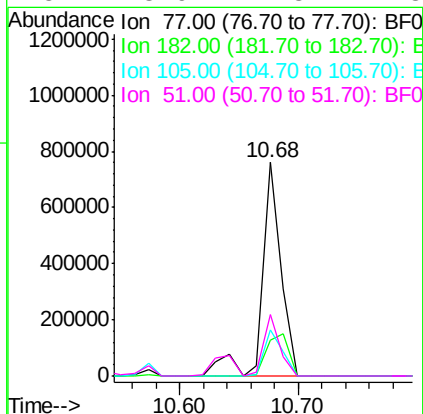
Manual Integrations
APPROVED

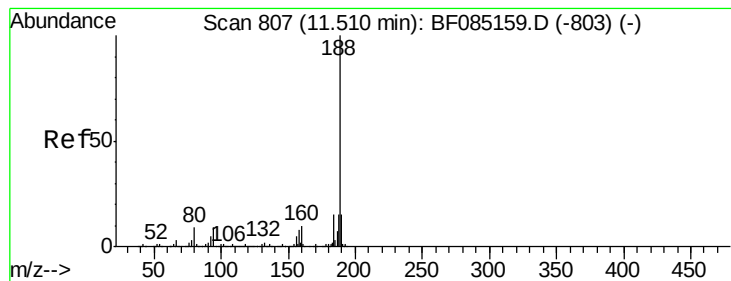
Sohil
3/11/2016 4:58:50 PM



#62
Azobenzene
Concen: 38.18 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	848941		
182	17.1	2.1	42.1	
105	21.8	3.8	43.8	
51	28.9	7.8	47.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

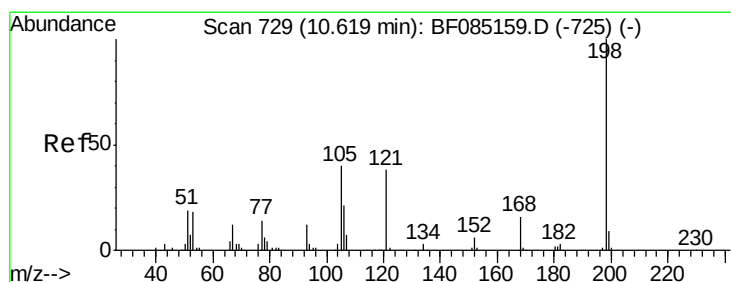
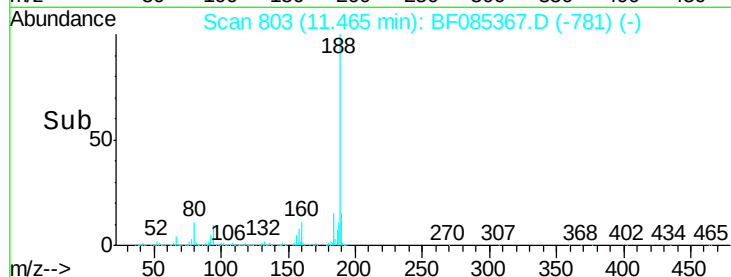
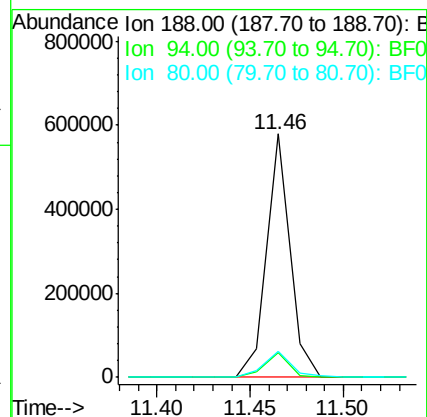
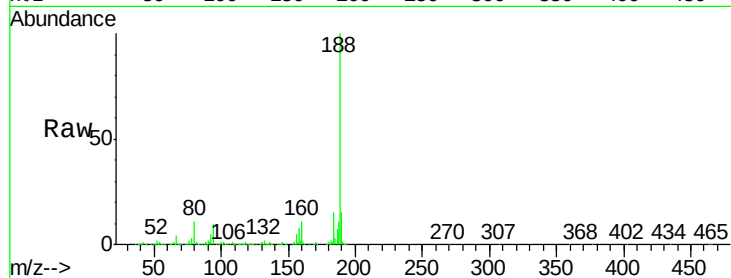
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	499951
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.0	10.6
80	10.9	7.4	11.0

Manual Integrations
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3/11/2016 4:58:50 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.43 ng

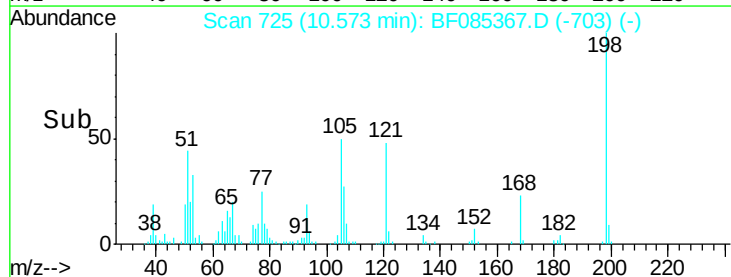
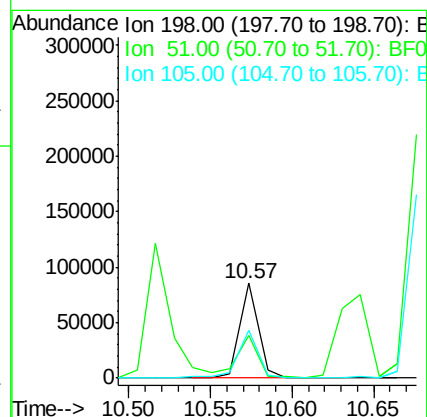
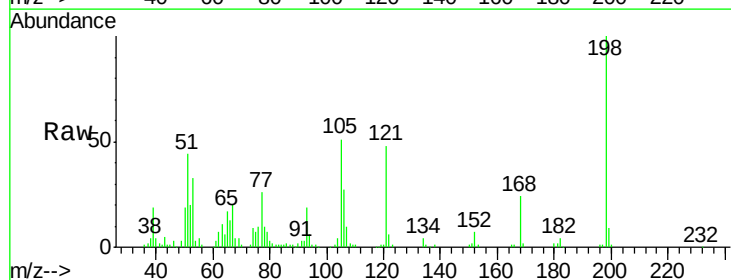
RT: 10.57 min Scan# 725

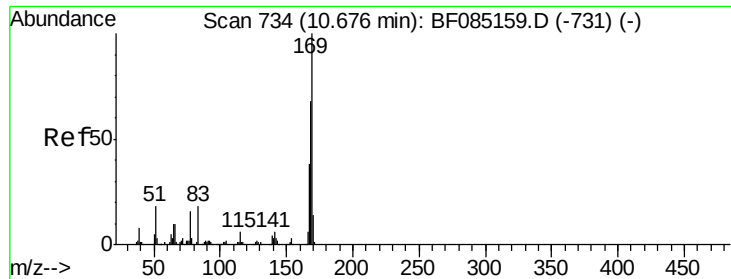
Delta R.T. -0.04 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	198	Resp:	67137
Ion Ratio	Lower	Upper	
198	100		
51	44.3	9.5	49.5
105	50.9	20.5	60.5





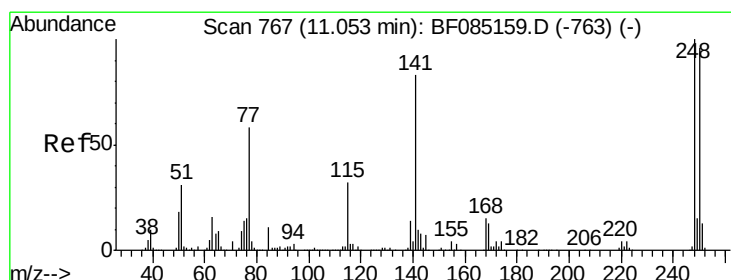
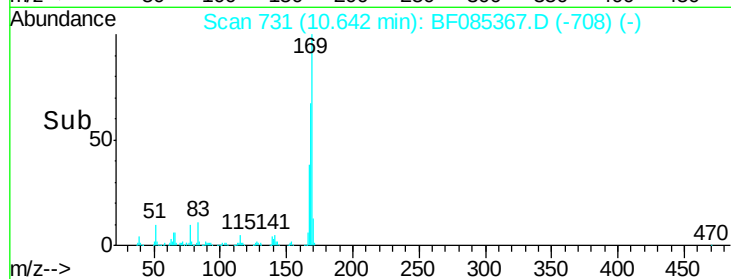
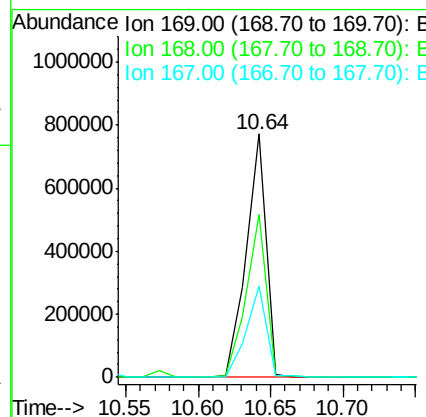
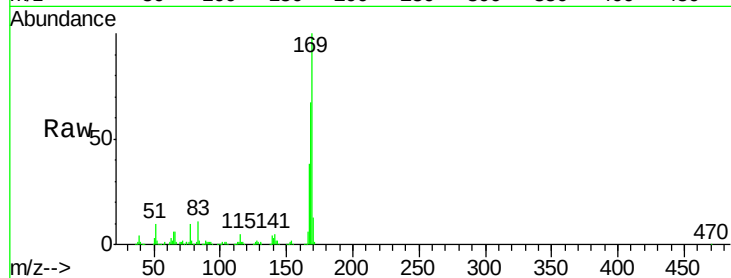
#65
n-Nitrosodiphenylamine
Concen: 47.45 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.9	54.8	82.2
167	37.6	30.3	45.5

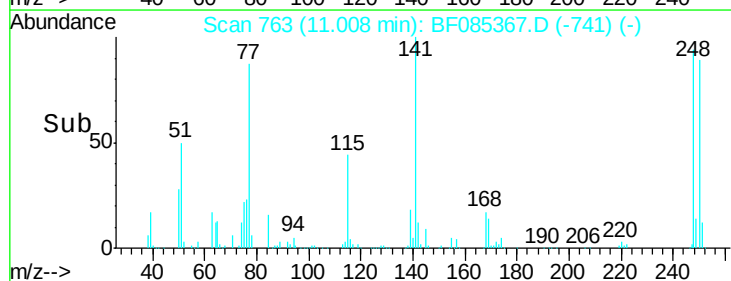
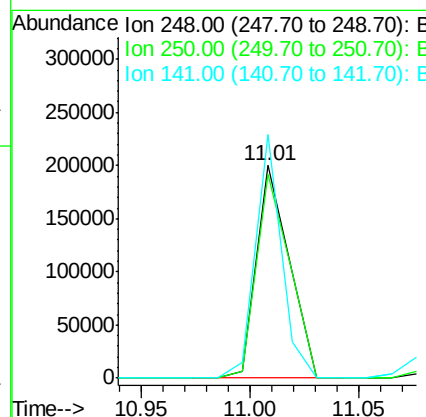
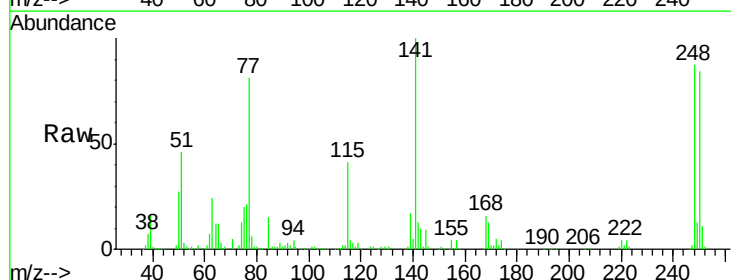
Manual Integrations
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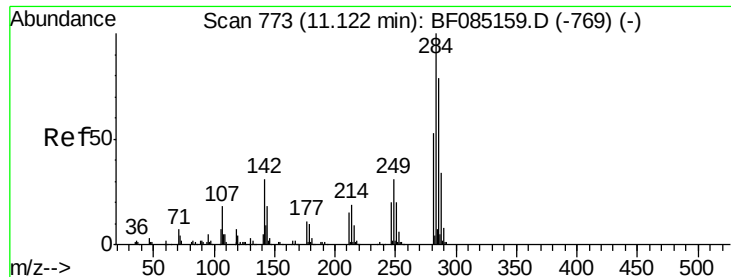
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.13 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.7	77.1	115.7
141	114.6	66.2	99.2#





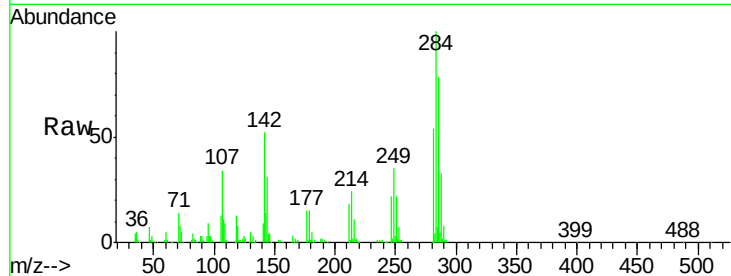
#67
Hexachlorobenzene
Concen: 38.75 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

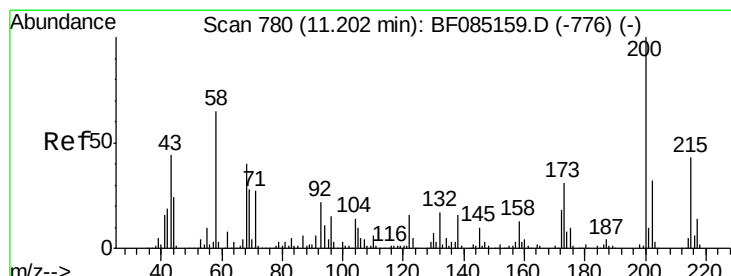
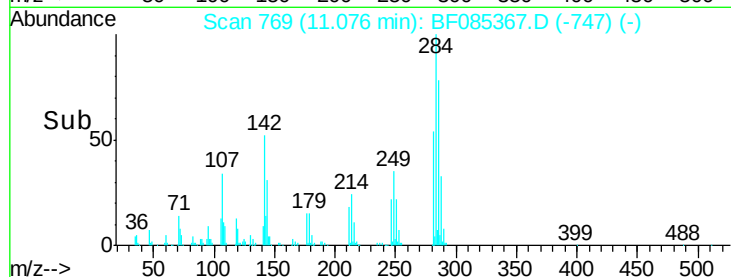
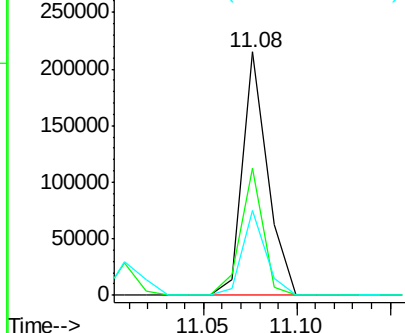
Tgt Ion	Ratio	Resp Lower	Upper
284	100		
142	52.1	24.9	37.3#
249	35.0	25.0	37.4

Manual Integrations
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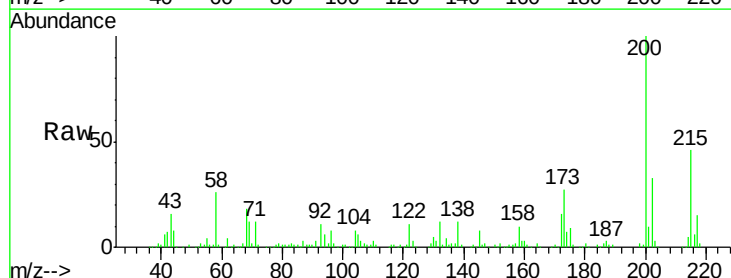


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

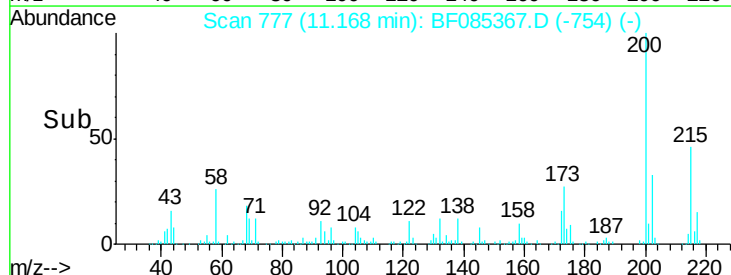
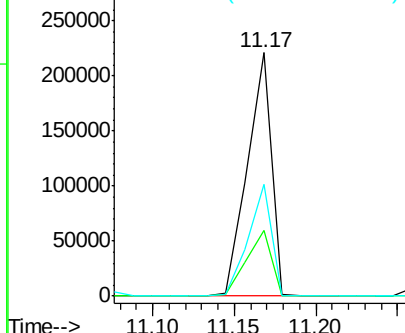


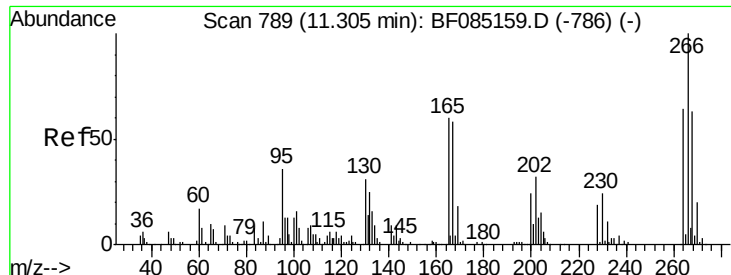
#68
Atrazine
Concen: 51.93 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	10.5	50.5
215	46.0	23.4	63.4



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





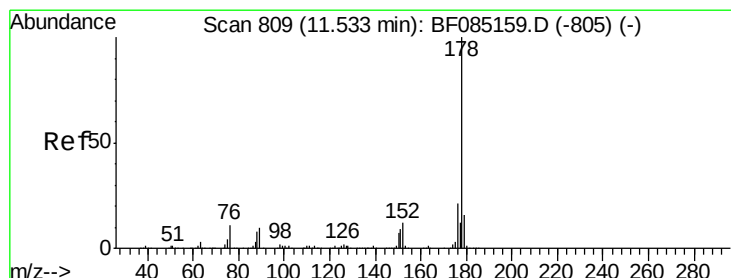
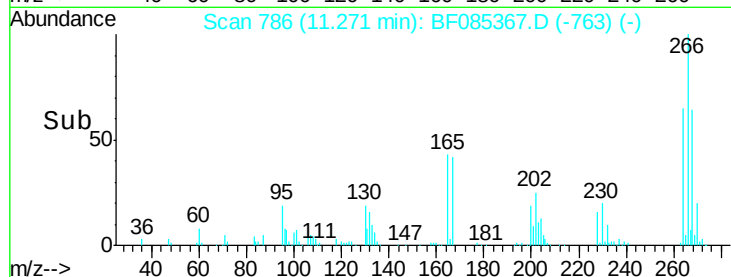
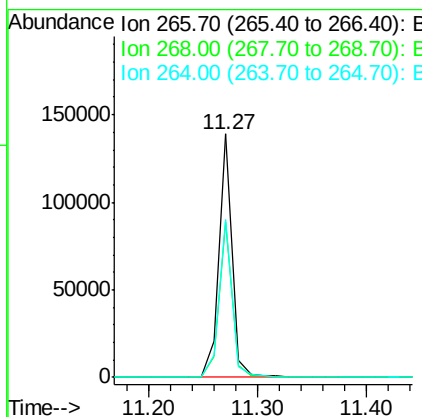
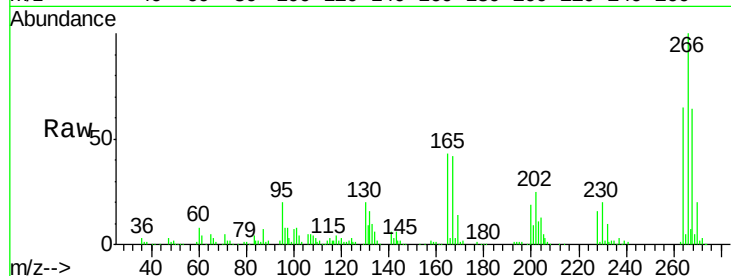
#69
 Pentachlorophenol
 Concen: 41.47 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	266	Resp:	119199
Ion Ratio	Lower	Upper	
266	100		
268	63.9	50.0	75.0
264	64.7	51.4	77.2

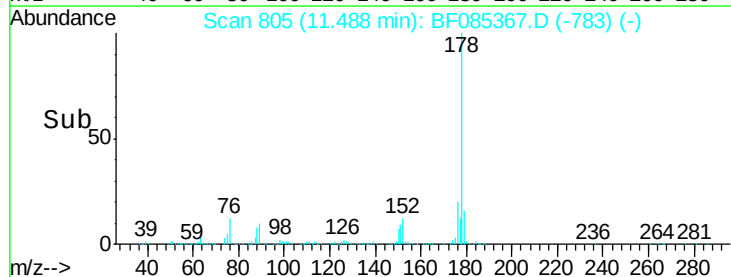
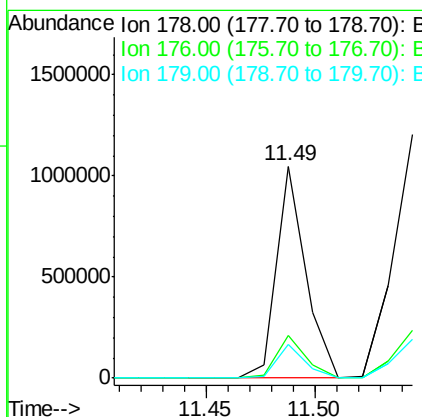
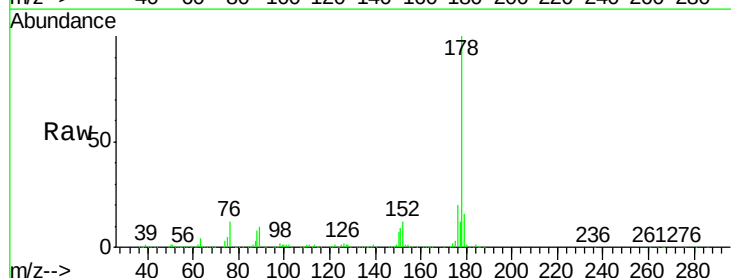
Manual Integrations
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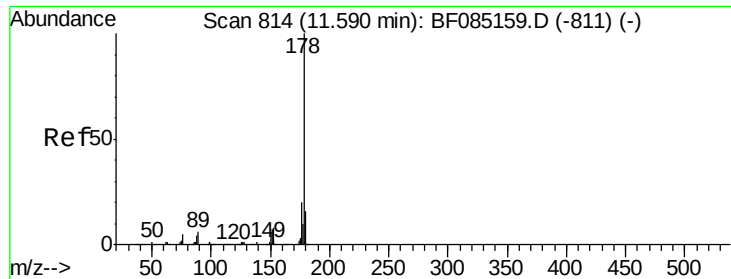
Sohil
 3/11/2016 4:58:50 PM



#70
 Phenanthrene
 Concen: 37.64 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:	178	Resp:	986232
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.8	25.2
179	15.9	13.1	19.7





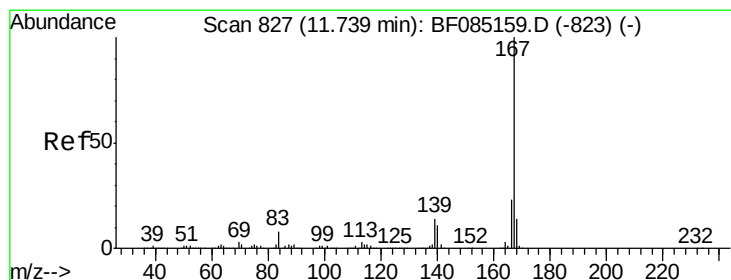
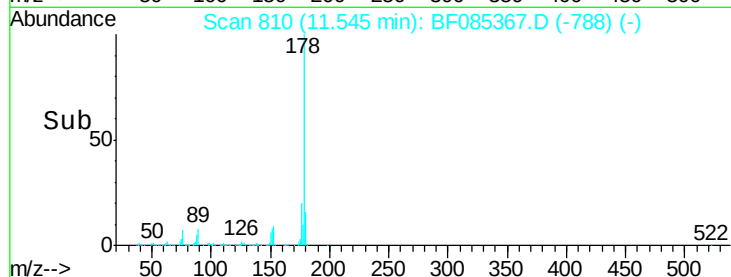
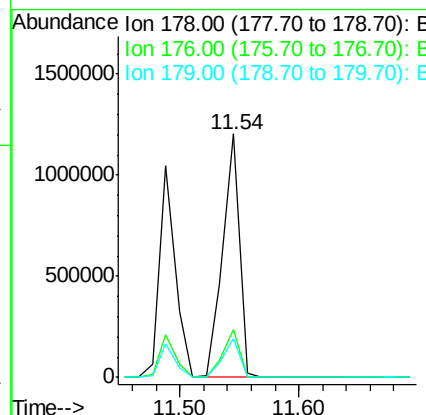
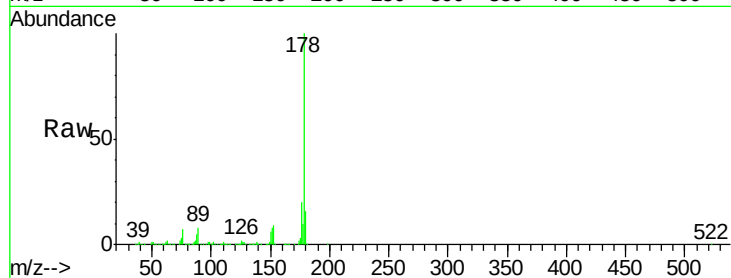
#71
 Anthracene
 Concen: 41.74 ng
 RT: 11.54 min Scan# 810
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1161033
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 12.5 18.7

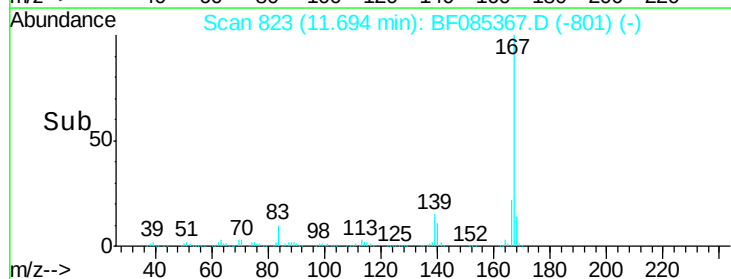
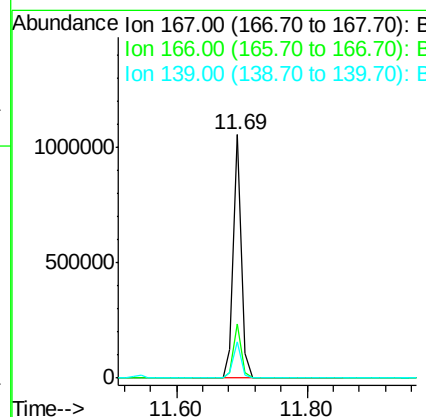
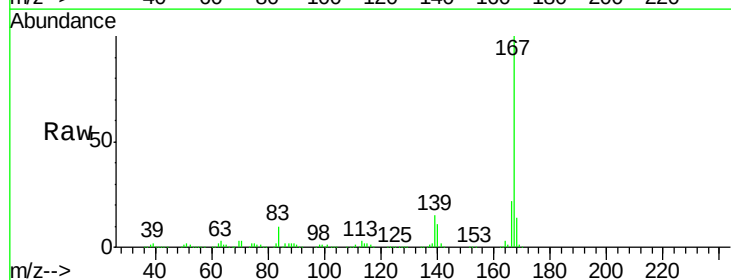
Manual Integrations
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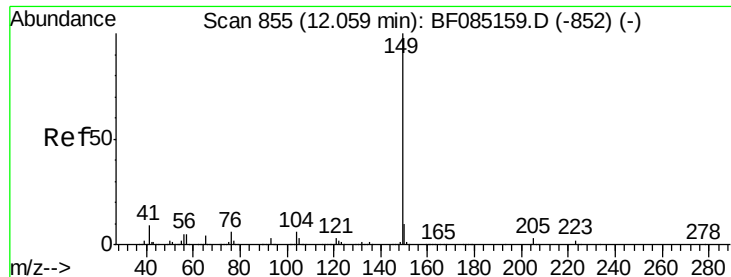
Sohil
 3/11/2016 4:58:50 PM



#72
 Carbazole
 Concen: 36.60 ng
 RT: 11.69 min Scan# 823
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion:167 Resp: 892769
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.9 11.4 17.0





#73

Di-n-butylphthalate

Concen: 41.45 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1277845

Ion Ratio Lower Upper

149 100

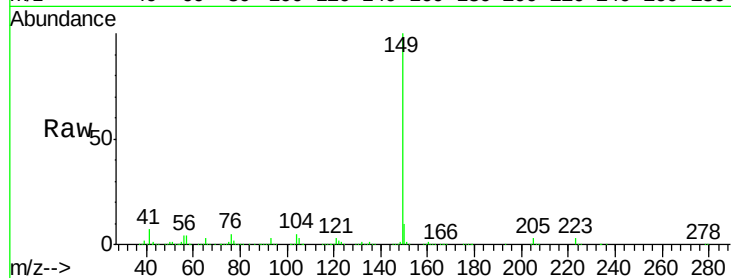
150 9.8 7.8 11.6

104 5.3 4.7 7.1

Manual Integrations
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Sohil

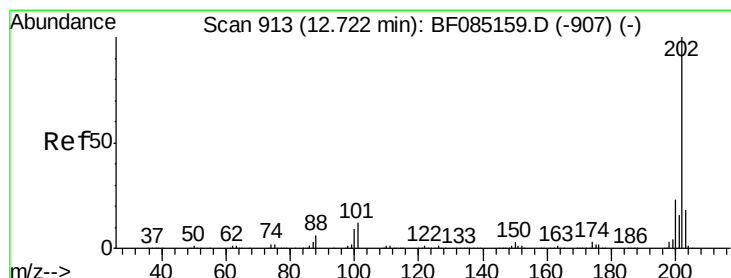
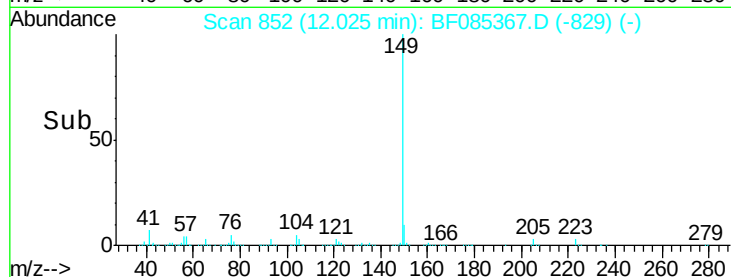
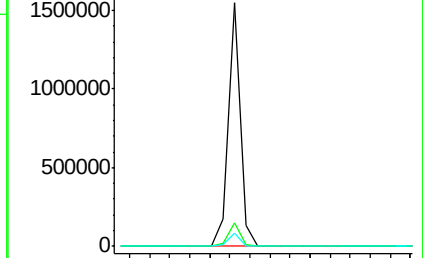
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.74 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

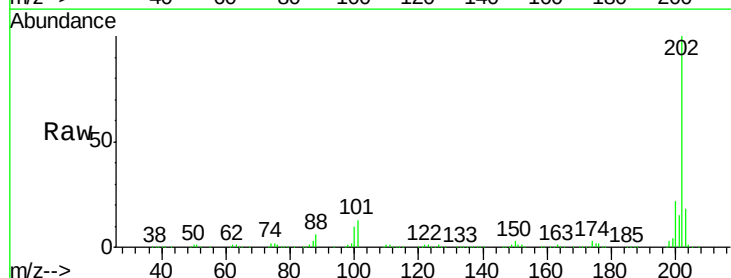
Tgt Ion:202 Resp: 913408

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.8

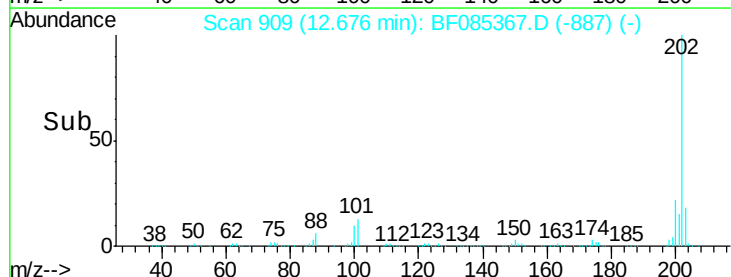
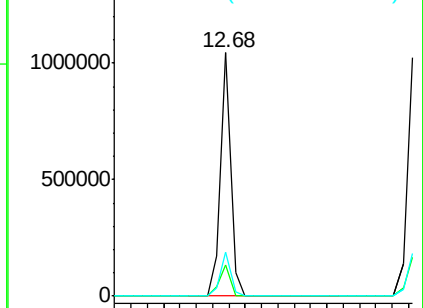
203 18.0 0.0 38.4

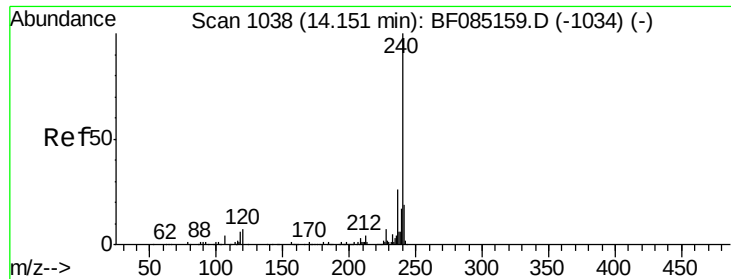


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

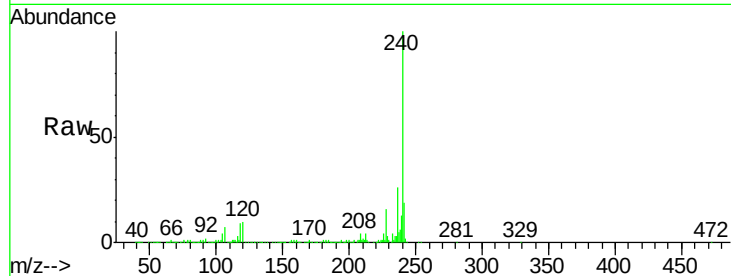
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.3	7.9#
236	26.2	20.7	31.1

Manual Integrations
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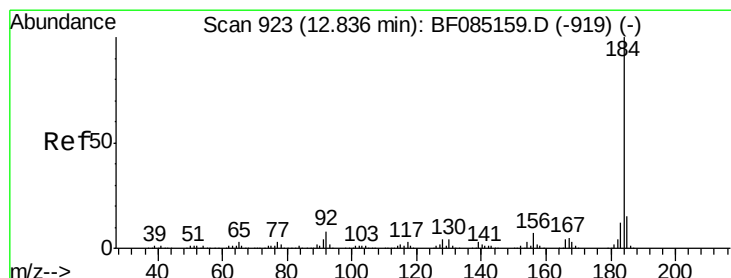
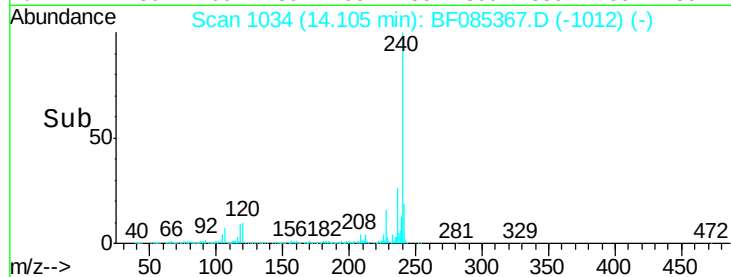
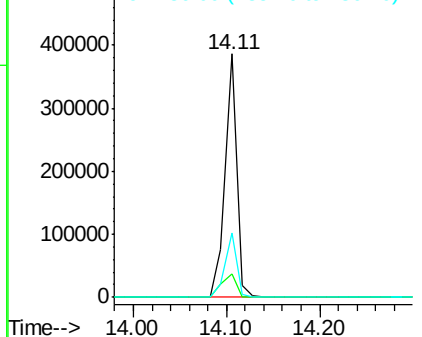
Sohil
3/11/2016 4:58:50 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.68 ng

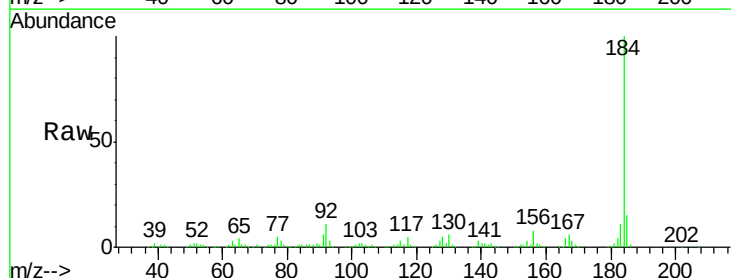
RT: 12.79 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

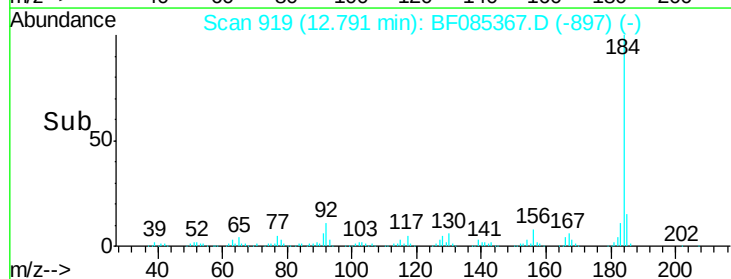
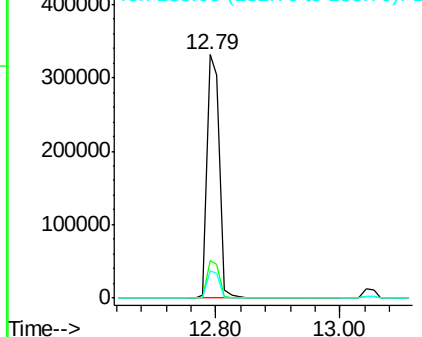
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.4	18.6
183	11.3	9.4	14.2

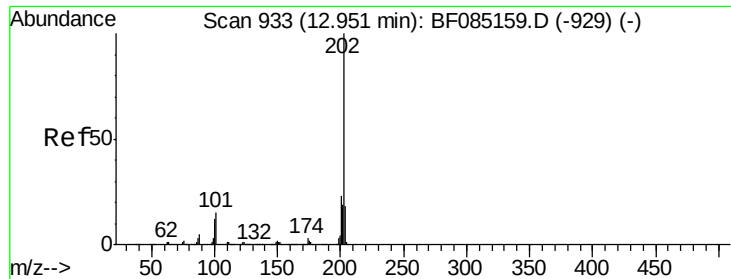


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.09 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085367.D

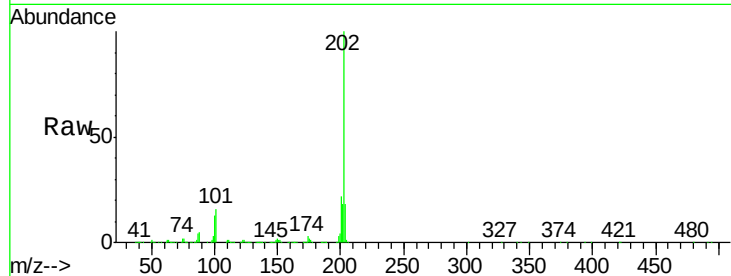
Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

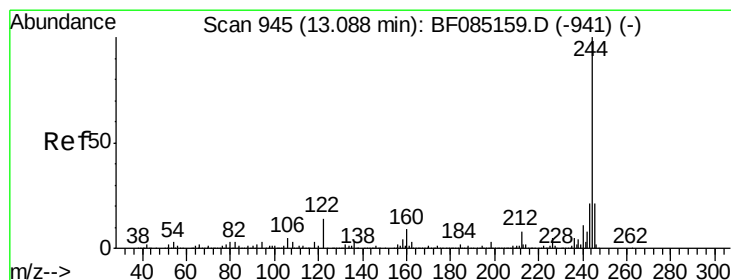
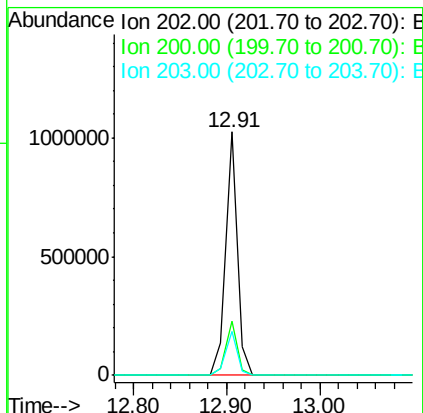
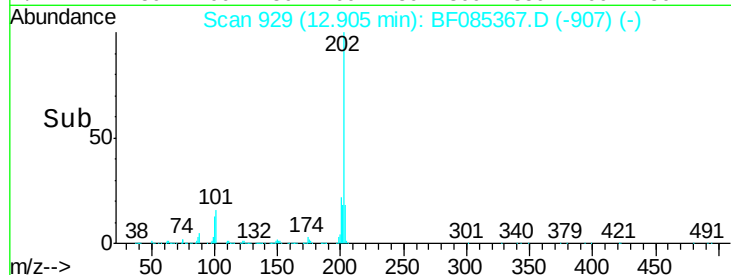
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	18.1	14.7	22.1

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3/11/2016 4:58:50 PM



#78

Terphenyl-d14

Concen: 76.87 ng

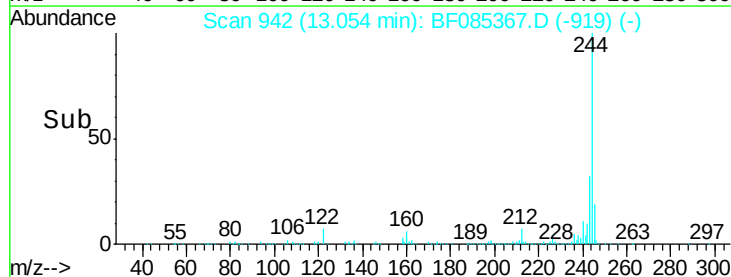
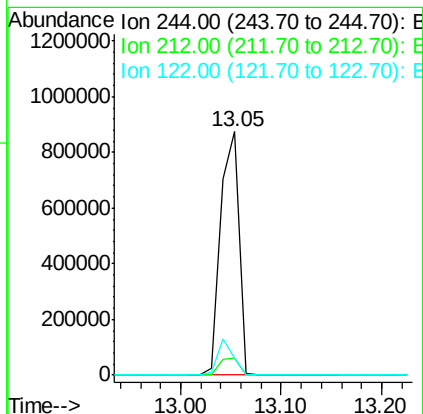
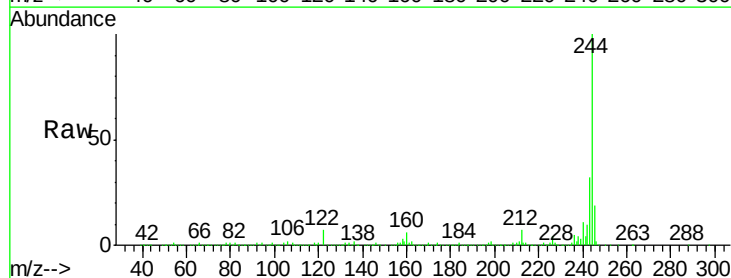
RT: 13.05 min Scan# 942

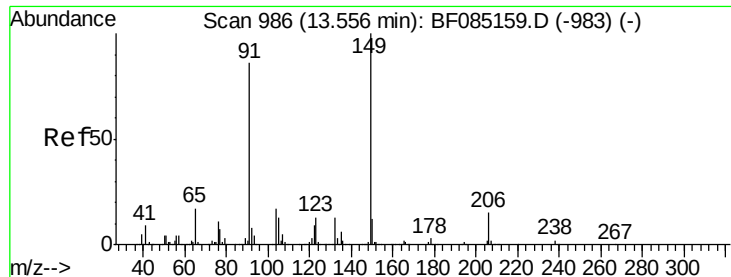
Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	7.2	11.4	17.2#





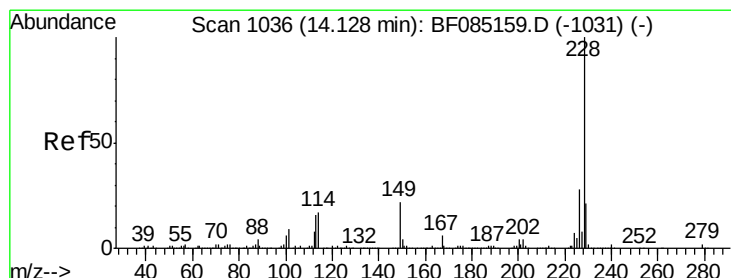
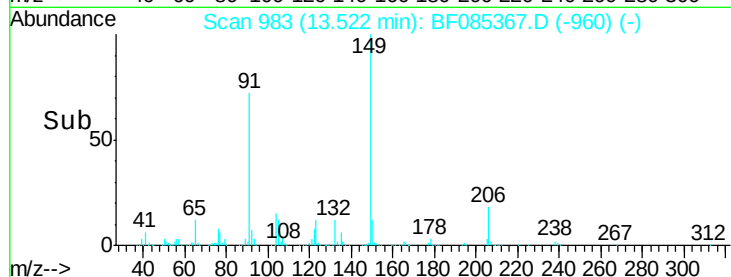
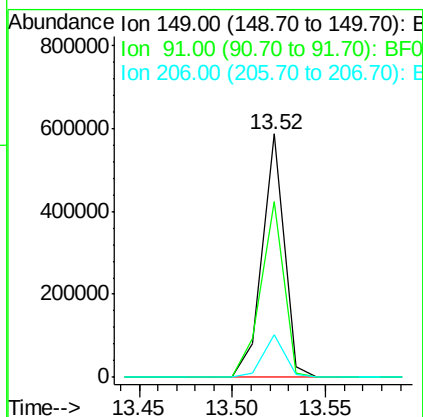
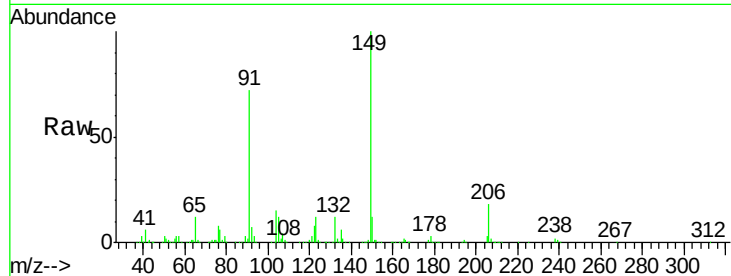
#79
Butylbenzylphthalate
Concen: 41.62 ng
RT: 13.52 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.4	69.0	103.4
206	17.6	12.3	18.5

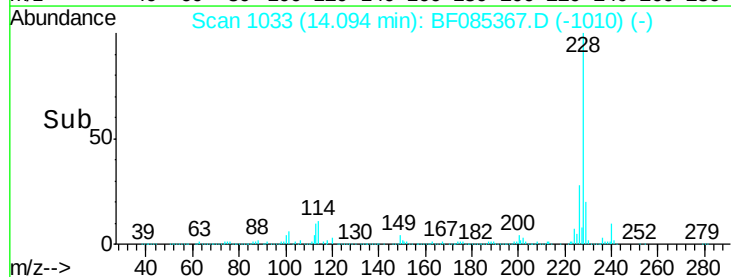
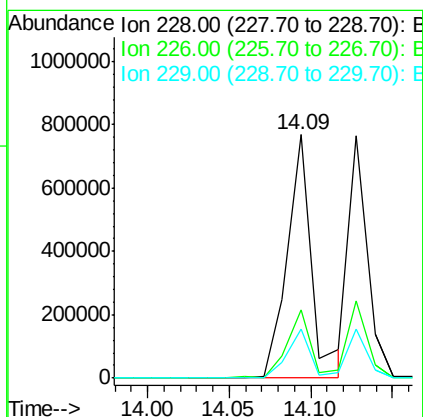
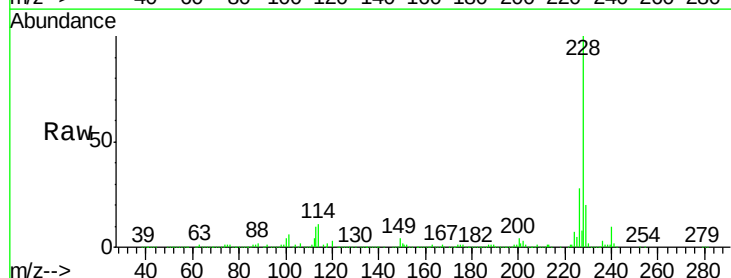
Manual Integrations
APPROVED

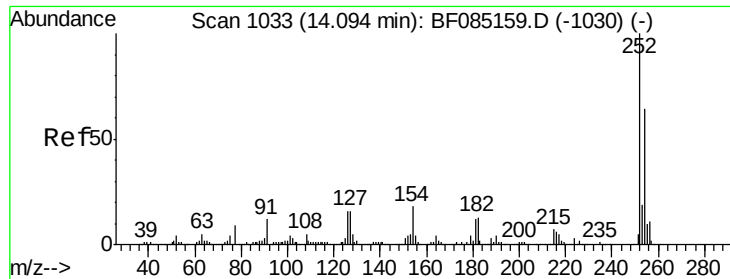
Sohil
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#80
Benzo(a)anthracene
Concen: 40.10 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.8	34.2
229	20.0	16.6	24.8





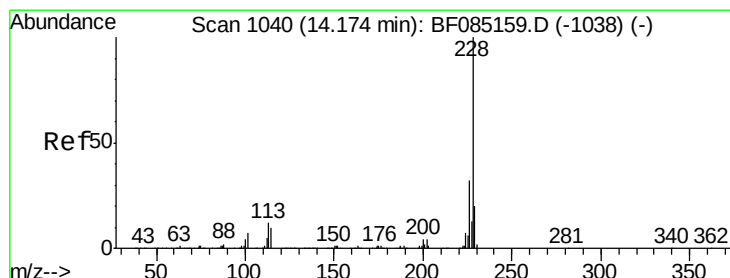
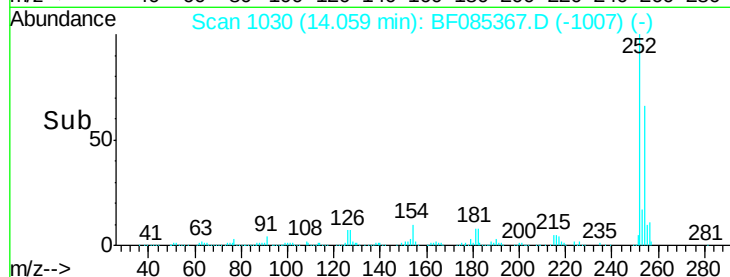
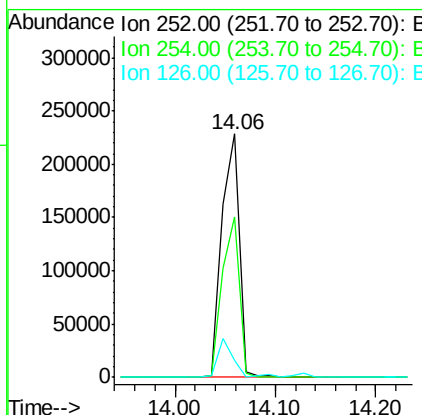
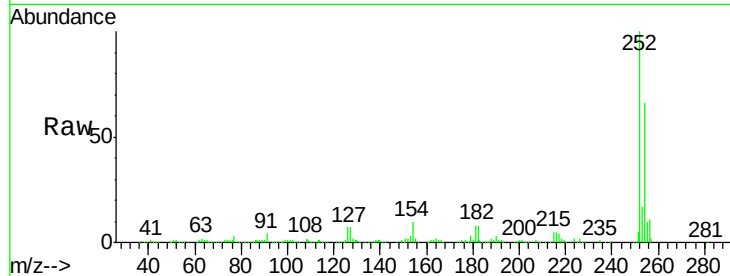
#81
 3,3'-Dichlorobenzidine
 Concen: 43.58 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	51.4	77.0
126	7.0	12.9	19.3

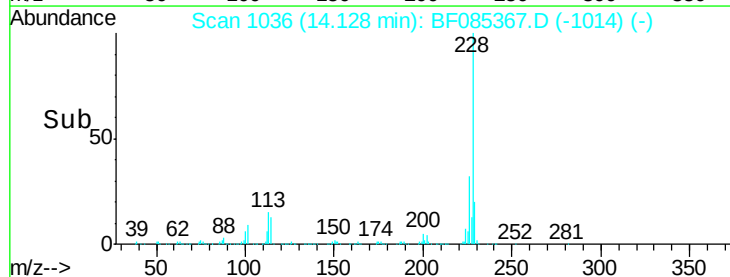
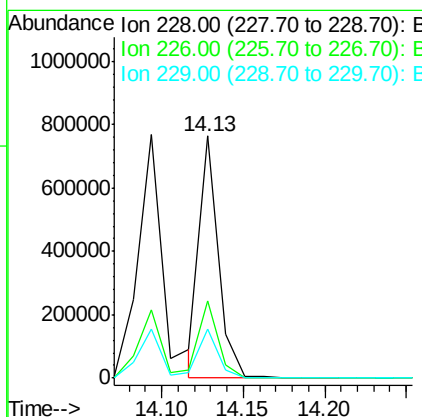
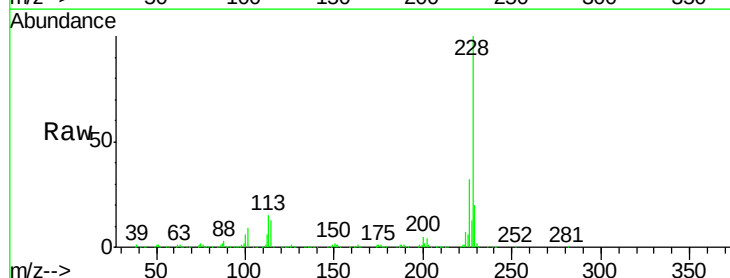
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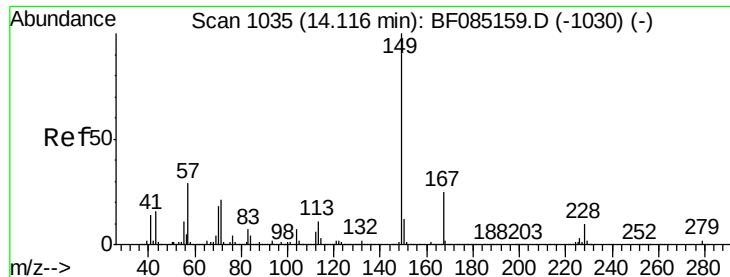
Sohil
 3/11/2016 4:58:50 PM



#82
 Chrysene
 Concen: 33.69 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.1	25.2	37.8
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.20 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Instrument :

BNA_F

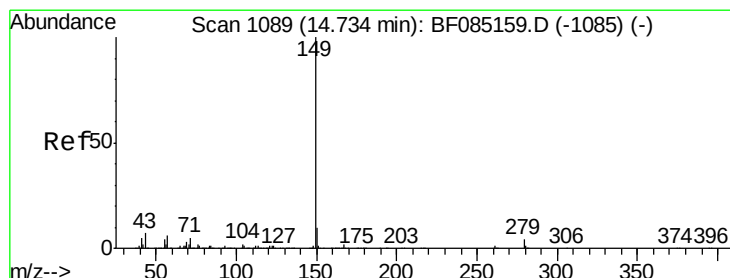
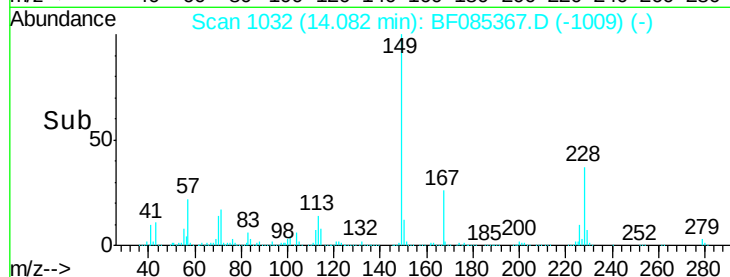
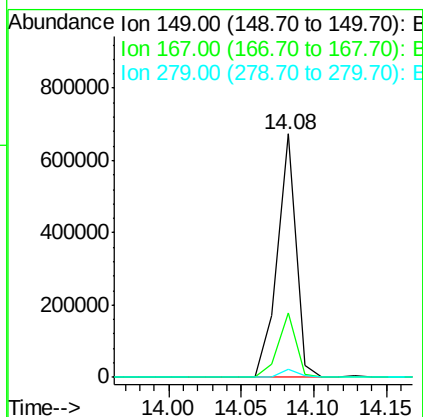
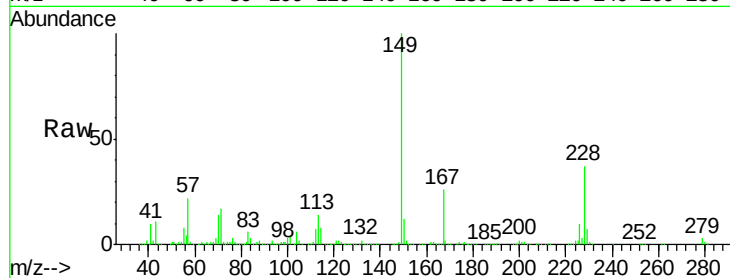
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	605348
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.3	30.5
279	3.3	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.21 ng

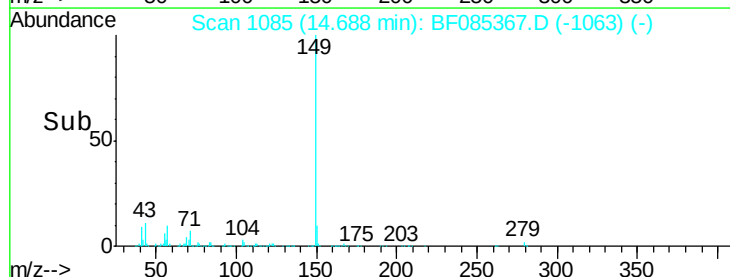
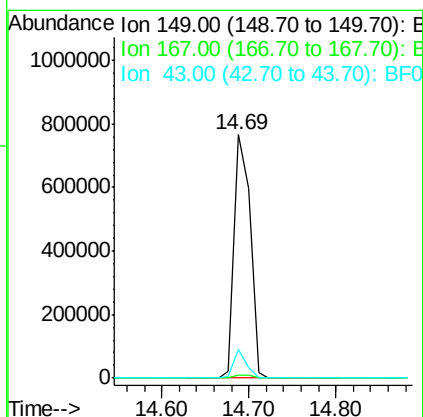
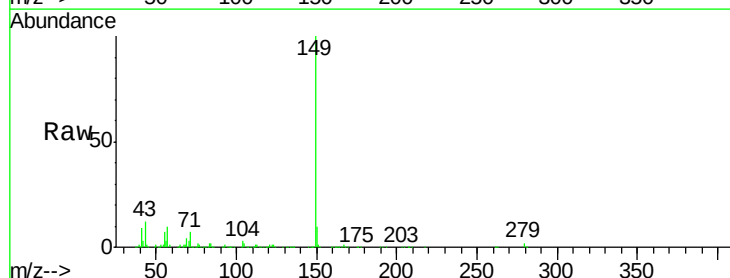
RT: 14.69 min Scan# 1085

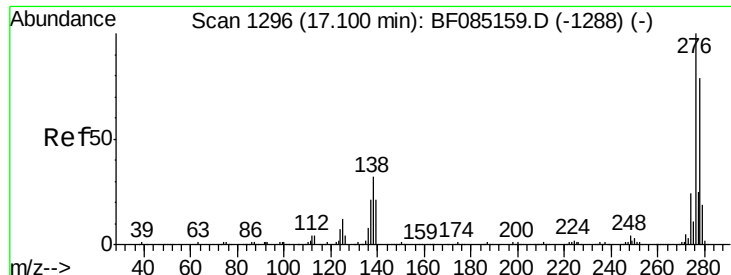
Delta R.T. -0.05 min

Lab File: BF085367.D

Acq: 11 Mar 2016 9:50

Tgt Ion:	149	Resp:	968033
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.3	7.8	11.8





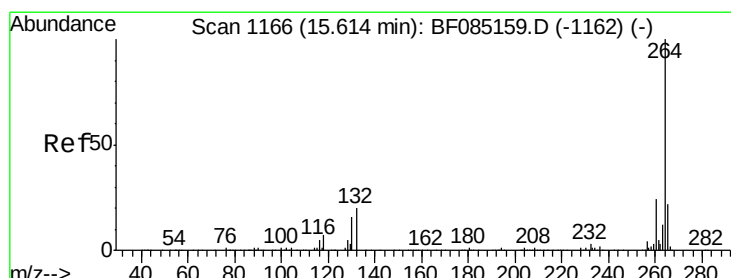
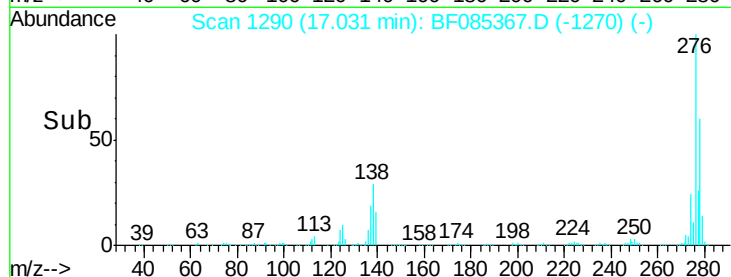
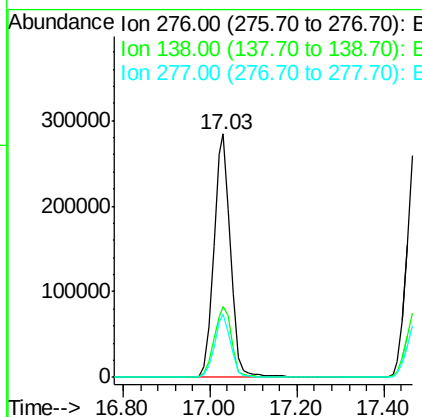
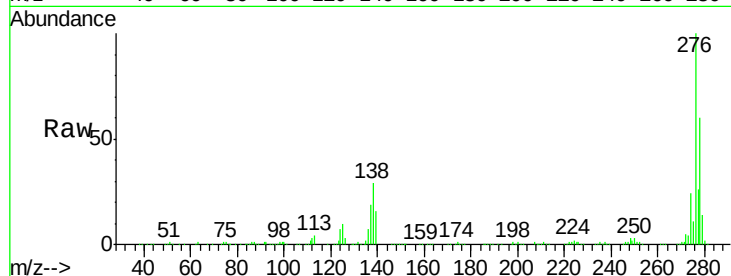
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.37 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	771767		
138	30.7	26.4	39.6	
277	25.3	20.2	30.2	

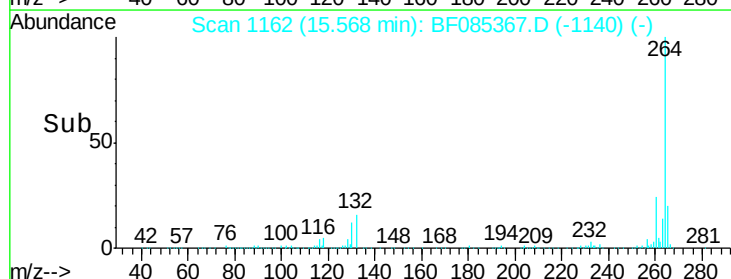
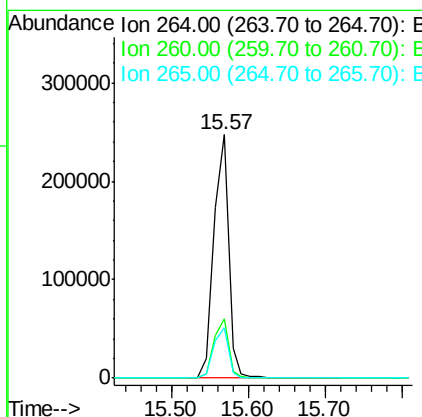
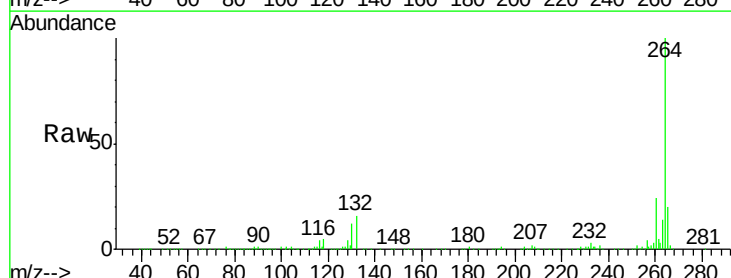
Manual Integrations
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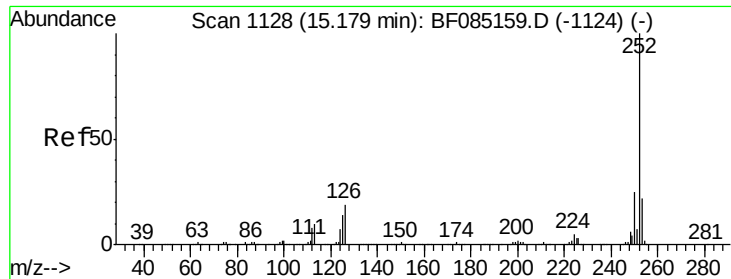
Sohil
 3/11/2016 4:58:50 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	330934		
260	24.5	19.2	28.8	
265	20.4	17.3	25.9	





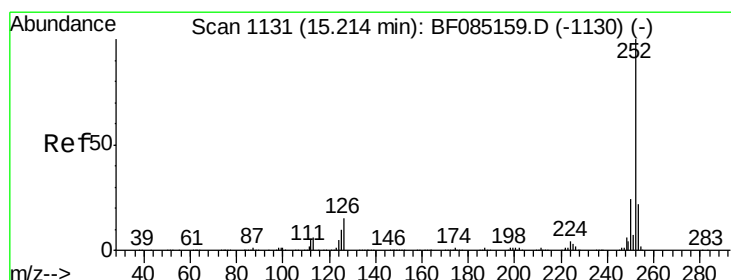
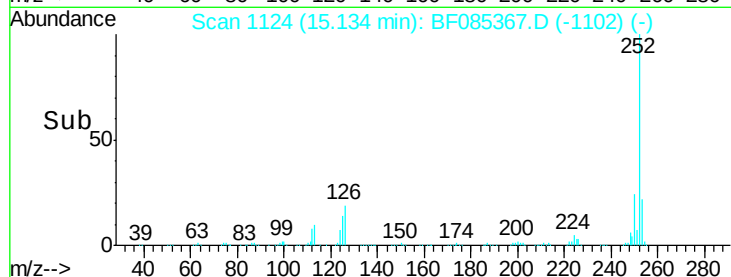
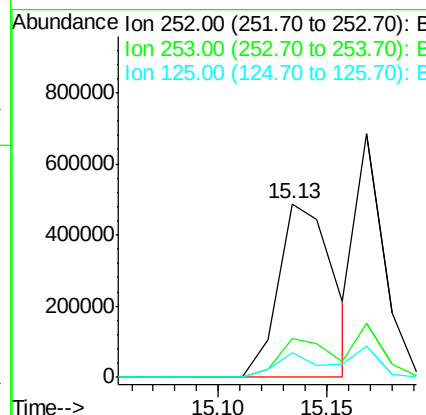
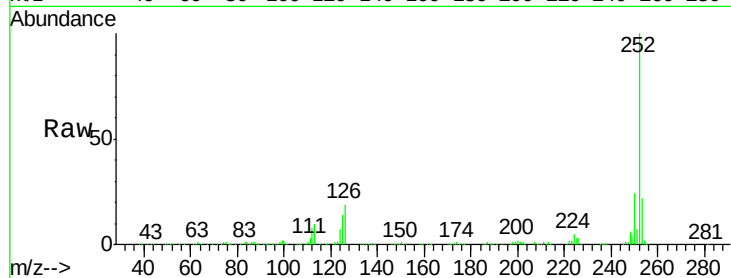
#87
Benzo(b)fluoranthene
Concen: 38.91 ng
RT: 15.13 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	14.3	11.3	16.9

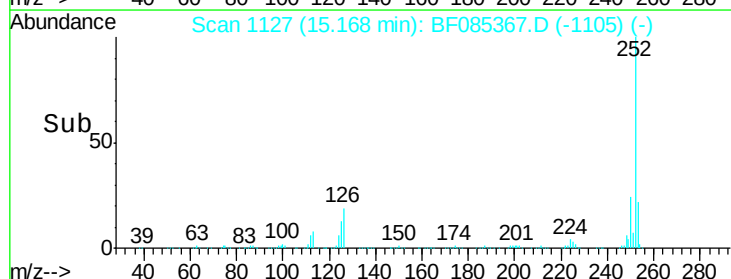
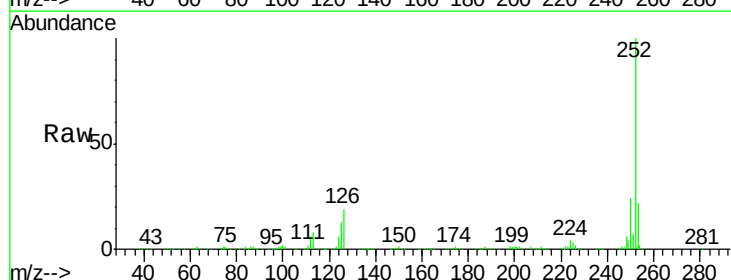
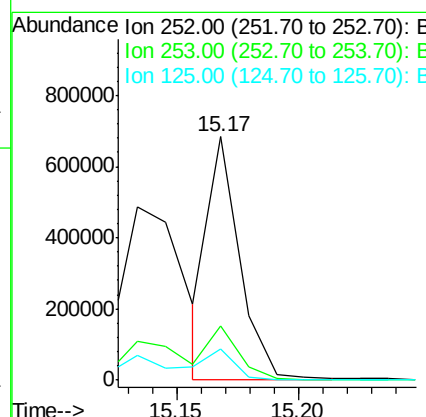
Manual Integrations
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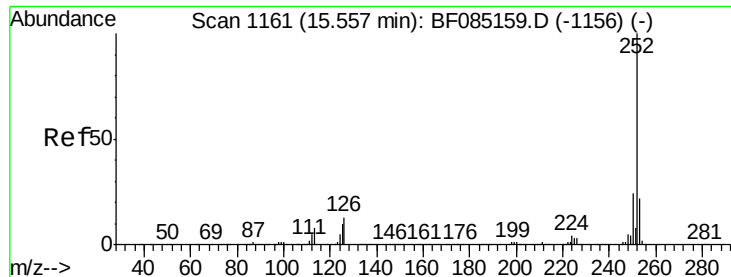
Sohil
3/11/2016 4:58:50 PM



#88
Benzo(k)fluoranthene
Concen: 34.32 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.6	10.4	15.6





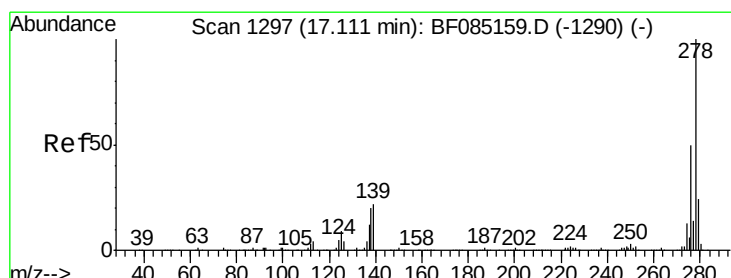
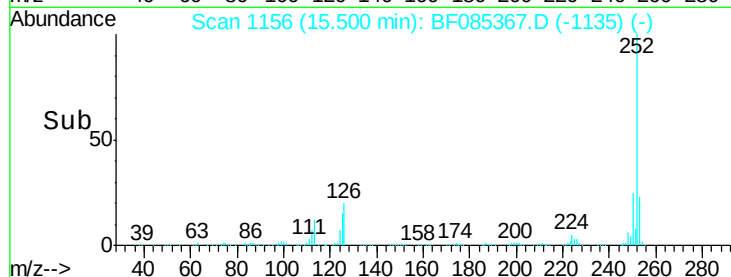
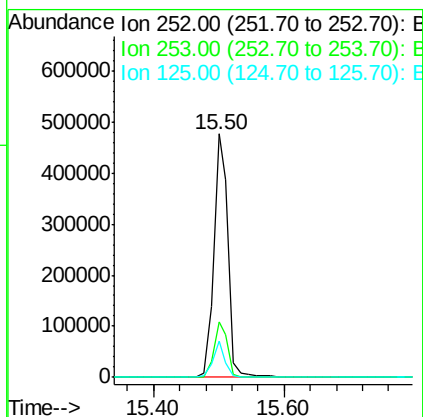
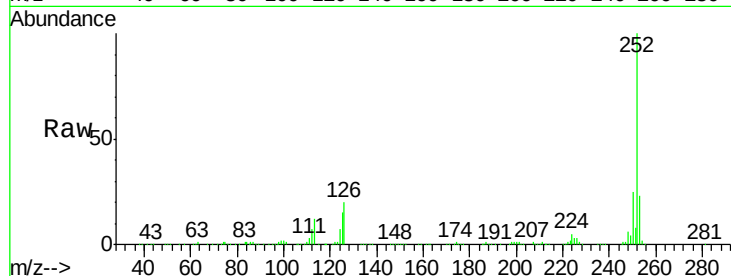
#89
Benzo(a)pyrene
Concen: 39.84 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	15.1	8.2	12.4

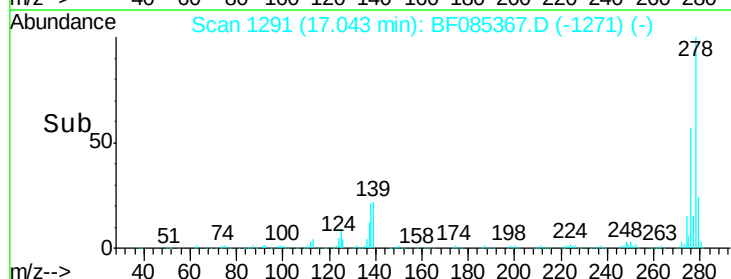
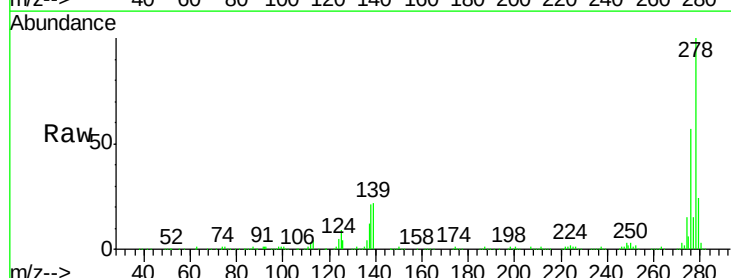
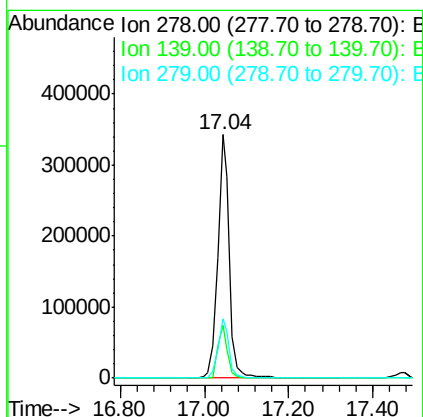
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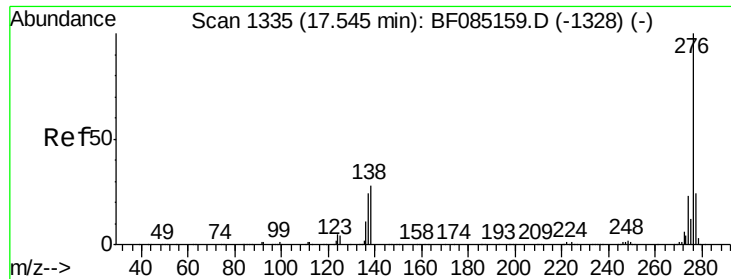
Sohil
3/11/2016 4:58:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.26 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BF085367.D
Acq: 11 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.3	25.9
279	24.4	19.2	28.8





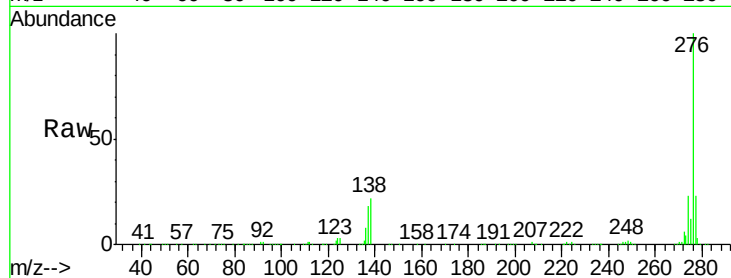
#91
 Benzo(g,h,i)perylene
 Concen: 38.74 ng
 RT: 17.48 min Scan# 1329
 Delta R.T. -0.07 min
 Lab File: BF085367.D
 Acq: 11 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	19.0	28.4
138	21.6	22.5	33.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

