

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085484.D
 Acq On : 17 Mar 2016 1:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:15 PM

Quant Time: Mar 17 03:10:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	231128	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	932848	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	407302	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	738611	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	425669	20.00	ng	-0.01
86) Perylene-d12	15.51	264	380155	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	973449	72.40	ng	-0.01
7) Phenol-d6	6.54	99	1313238	75.29	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1165266	73.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	322728	86.03	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1734419	73.88	ng	-0.01
78) Terphenyl-d14	13.02	244	1760200	93.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	267983	39.94	ng	96
3) Pyridine	3.27	79	612706	38.47	ng	97
4) n-Nitrosodimethylamine	3.22	42	285734	38.85	ng	98
6) Aniline	6.57	93	967134	40.17	ng	96
8) 2-Chlorophenol	6.69	128	595913	37.80	ng	98
9) Benzaldehyde	6.45	77	317671	32.62	ng	99
10) Phenol	6.55	94	714114	36.53	ng	94
11) bis(2-Chloroethyl)ether	6.64	93	552494	36.75	ng	96
12) 1,3-Dichlorobenzene	6.85	146	697068	39.89	ng	98
13) 1,4-Dichlorobenzene	6.93	146	677789m	38.73	ng	
14) 1,2-Dichlorobenzene	7.08	146	586508	38.18	ng	98
15) Benzyl Alcohol	7.05	79	501857	40.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	819406	40.02	ng	96
17) 2-Methylphenol	7.17	107	545132	41.30	ng	97
18) Hexachloroethane	7.42	117	252455	39.32	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	371609	35.58	ng	# 92
20) 3+4-Methylphenols	7.32	107	525913	37.17	ng	# 84
22) Acetophenone	7.33	105	838678	36.69	ng	# 92
24) Nitrobenzene	7.50	77	711446	40.02	ng	# 84
25) Isophorone	7.74	82	1258992	39.13	ng	96
26) 2-Nitrophenol	7.81	139	335639	39.41	ng	# 75
27) 2,4-Dimethylphenol	7.85	122	607735	40.12	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	749458	38.96	ng	98
29) 2,4-Dichlorophenol	8.05	162	457925	37.27	ng	89
30) 1,2,4-Trichlorobenzene	8.14	180	535377	37.71	ng	94
31) Naphthalene	8.22	128	1778939	39.03	ng	99
32) Benzoic acid	7.99	122	431310	49.52	ng	97
33) 4-Chloroaniline	8.26	127	765149	39.02	ng	95
34) Hexachlorobutadiene	8.33	225	301150	40.57	ng	99
35) Caprolactam	8.65	113	162614	40.53	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	503639	35.89	ng	99
37) 2-Methylnaphthalene	8.90	142	1011247	35.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	536001	42.31	ng	97
40) Hexachlorocyclopentadiene	9.06	237	262434	42.86	ng	97

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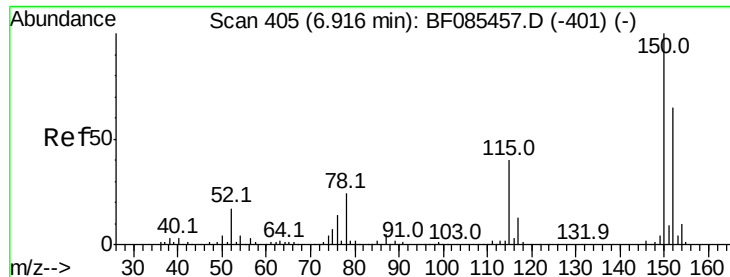
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	340788	40.74	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	350421	41.47	nq	97
45) 1,1'-Biphenyl	9.37	154	1362382	40.98	nq	95
46) 2-Chloronaphthalene	9.40	162	995963	39.98	nq	94
47) 2-Nitroaniline	9.49	65	293851	38.96	nq	95
48) Acenaphthylene	9.81	152	1512776	37.54	nq	99
49) Dimethylphthalate	9.67	163	1246086	41.93	nq	98
50) 2,6-Dinitrotoluene	9.74	165	308284	46.96	nq	# 86
51) Acenaphthene	9.98	154	991278	39.13	nq	99
52) 3-Nitroaniline	9.91	138	338802	43.16	nq	85
53) 2,4-Dinitrophenol	10.01	184	146608	44.14	nq	# 33
54) Dibenzofuran	10.15	168	1183369	38.02	nq	98
55) 4-Nitrophenol	10.06	139	212183	39.27	nq	# 73
56) 2,4-Dinitrotoluene	10.14	165	355448	43.17	nq	96
57) Fluorene	10.49	166	914414	36.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	241696	41.65	nq	93
59) Diethylphthalate	10.37	149	1082216	37.62	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	486190	38.12	nq	92
61) 4-Nitroaniline	10.52	138	325446	44.09	nq	98
62) Azobenzene	10.64	77	1114322	39.01	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	208795	47.32	nq	93
65) n-Nitrosodiphenylamine	10.61	169	853966	37.52	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	295814	39.57	nq	# 88
67) Hexachlorobenzene	11.04	284	302635	39.23	nq	# 84
68) Atrazine	11.13	200	236100	36.25	nq	97
69) Pentachlorophenol	11.24	266	190419	46.57	nq	98
70) Phenanthrene	11.45	178	1388258	36.09	nq	99
71) Anthracene	11.51	178	1576918	40.24	nq	99
72) Carbazole	11.66	167	1220786	36.82	nq	99
73) Di-n-butylphthalate	11.99	149	1641931	39.97	nq	99
74) Fluoranthene	12.64	202	1363837	37.71	nq	98
76) Benzidine	12.76	184	556118	42.06	nq	100
77) Pyrene	12.87	202	1360436	42.61	nq	99
79) Butylbenzylphthalate	13.49	149	653841	46.84	nq	# 81
80) Benzo(a)anthracene	14.06	228	953256	39.06	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	338858	41.02	nq	98
82) Chrysene	14.09	228	900107	41.00	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	771760	45.32	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1123326	45.18	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	1136909	54.63	nq	97
87) Benzo(b)fluoranthene	15.09	252	967640	38.98	nq	100
88) Benzo(k)fluoranthene	15.12	252	666561m	34.28	nq	
89) Benzo(a)pyrene	15.45	252	827024	38.56	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	932101	44.49	nq	96
91) Benzo(g,h,i)perylene	17.40	276	975561	45.59	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

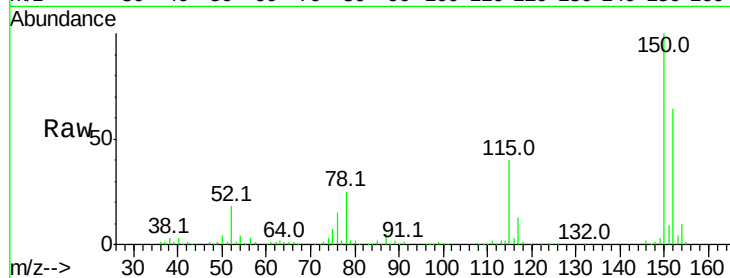
ClientSampleId :

SSTDCCC040

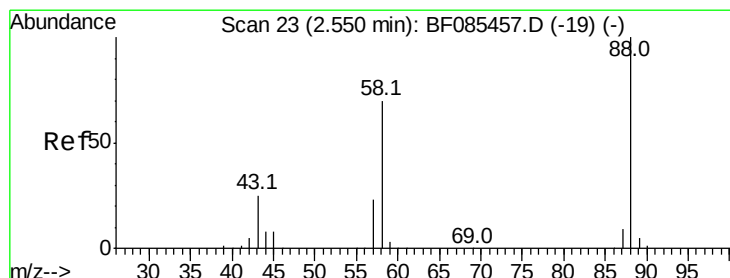
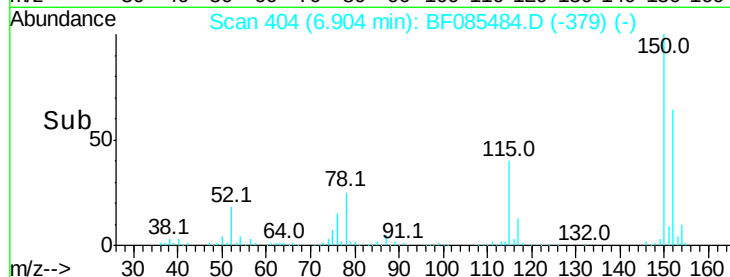
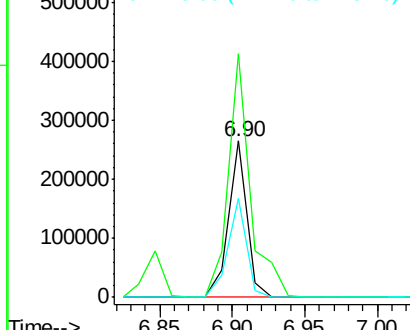
Tot Ion:	152	Resp:	231128
Ion Ratio	Lower	Upper	
152	100		
150	155.7	124.6	186.8
115	63.0	46.6	70.0

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



#2

1,4-Dioxane

Concen: 39.94 ng

RT: 2.52 min Scan# 20

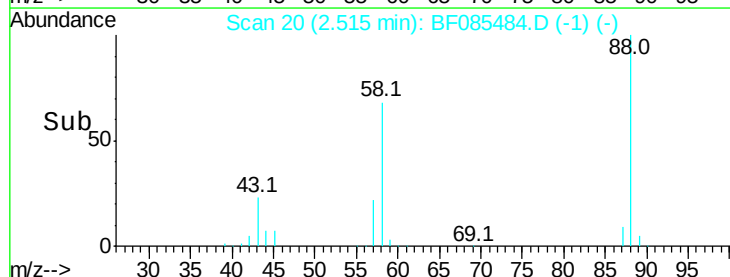
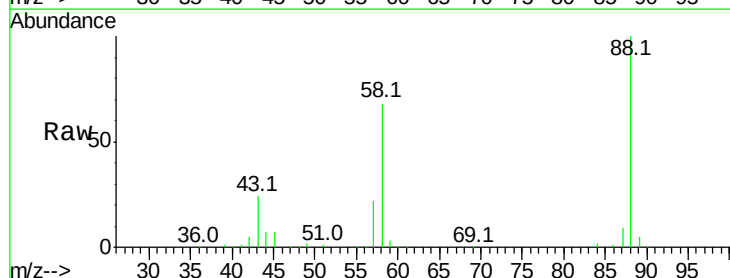
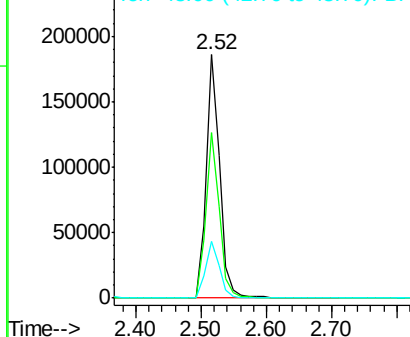
Delta R.T. -0.03 min

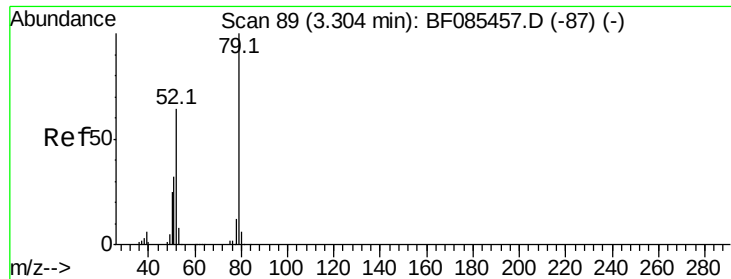
Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	88	Resp:	267983
Ion Ratio	Lower	Upper	
88	100		
58	67.3	57.0	85.6
43	24.3	20.5	30.7

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





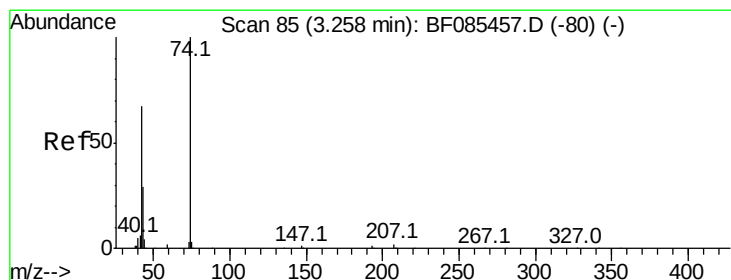
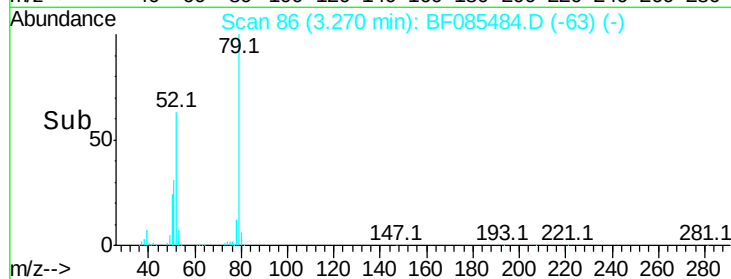
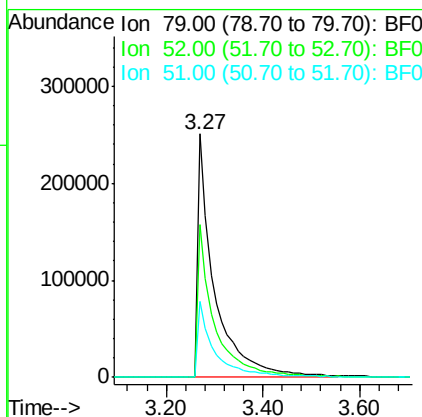
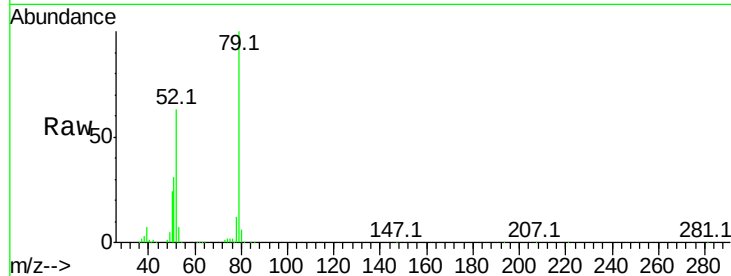
#3
Pvridine
Concen: 38.47 ng
RT: 3.27 min Scan# 86
Delta R.T. -0.03 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.8	52.6	79.0
51	31.0	25.8	38.8

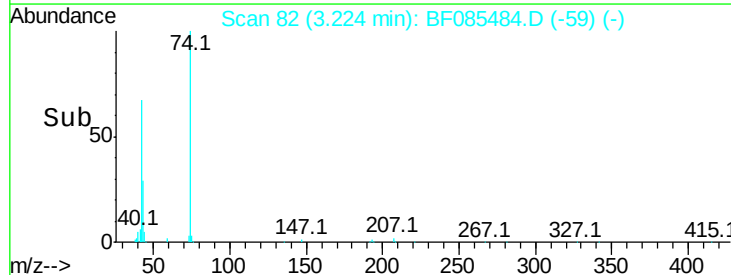
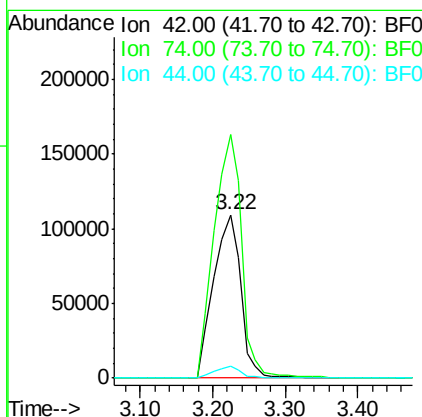
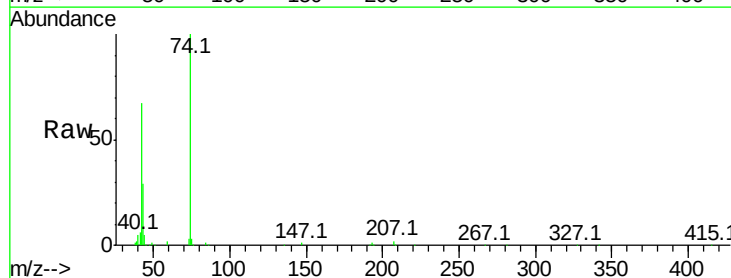
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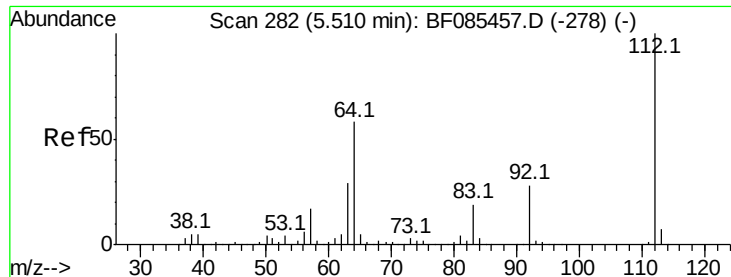
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#4
n-Nitrosodimethylamine
Concen: 38.85 ng
RT: 3.22 min Scan# 82
Delta R.T. -0.03 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.2	116.8	175.2
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 72.40 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

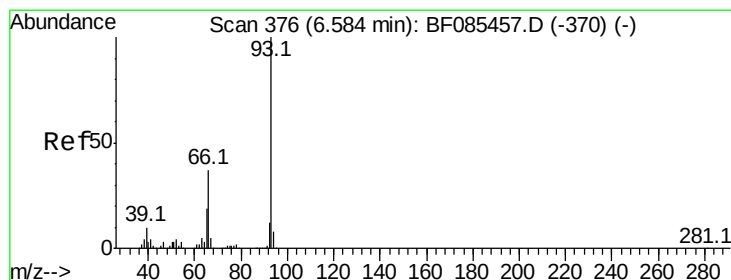
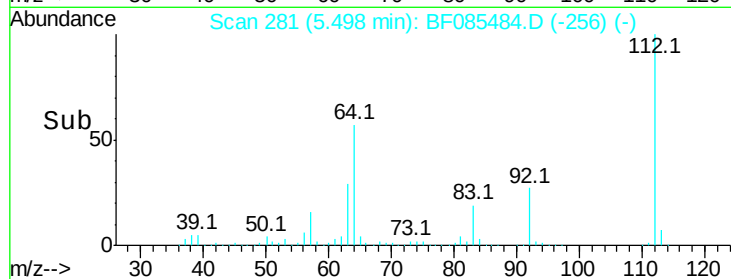
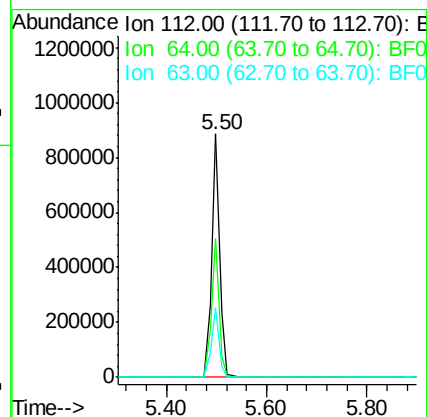
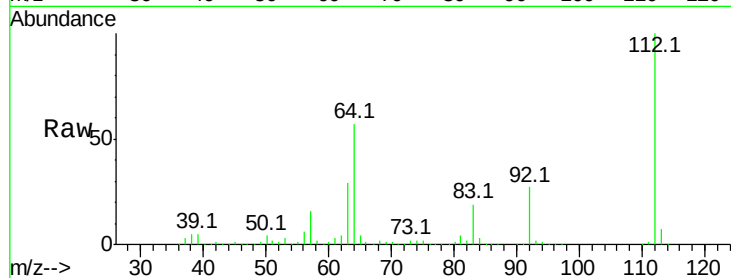
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	973449
Ion Ratio	Lower	Upper	
112	100		
64	56.8	49.0	73.4
63	28.6	24.8	37.2

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#6

Aniline

Concen: 40.17 ng

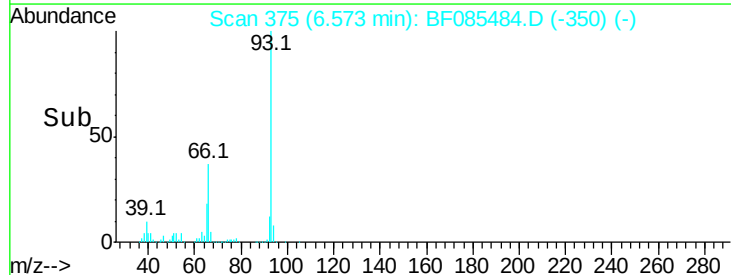
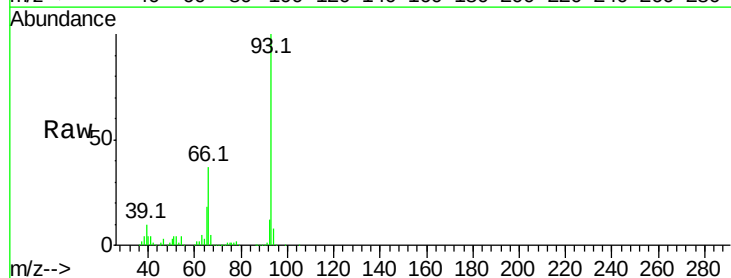
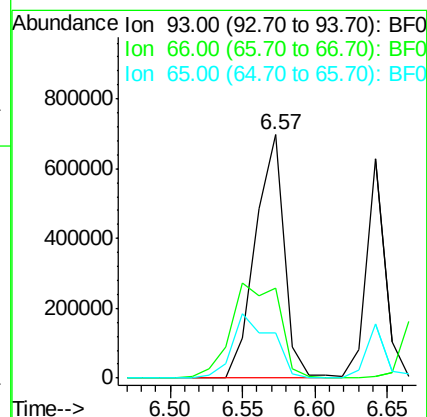
RT: 6.57 min Scan# 375

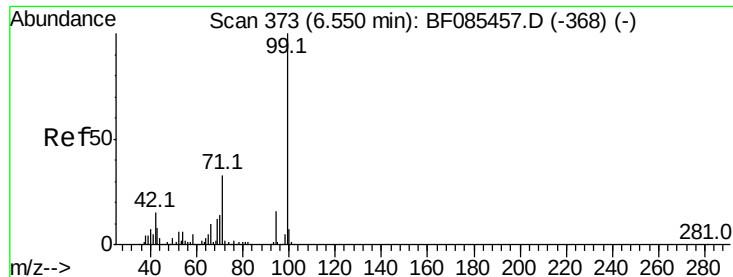
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	93	Resp:	967134
Ion Ratio	Lower	Upper	
93	100		
66	36.9	31.6	47.4
65	18.5	15.8	23.8





#7

Phenol-d6

Concen: 75.29 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1313238

Ion Ratio Lower Upper

99 100

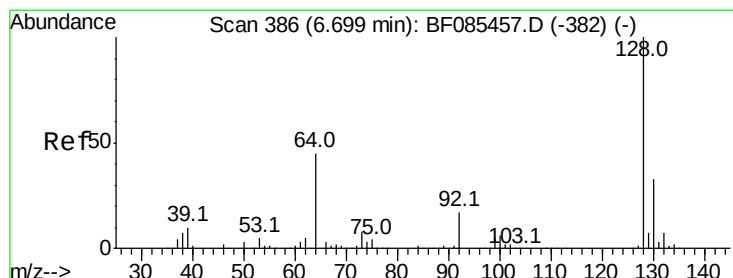
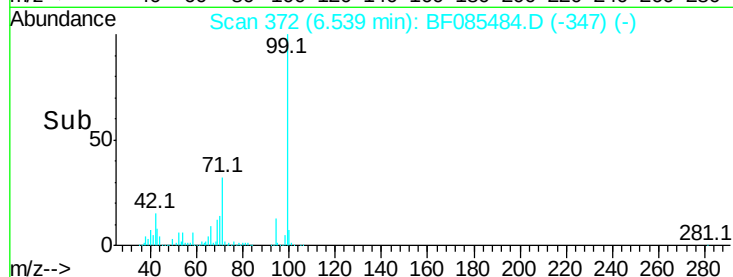
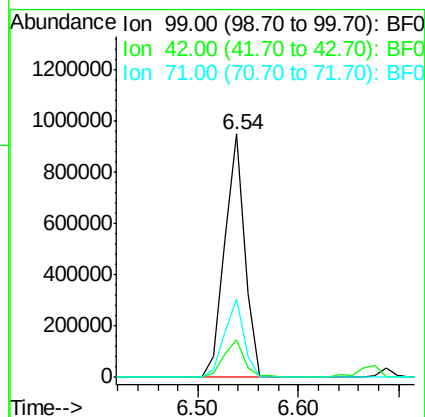
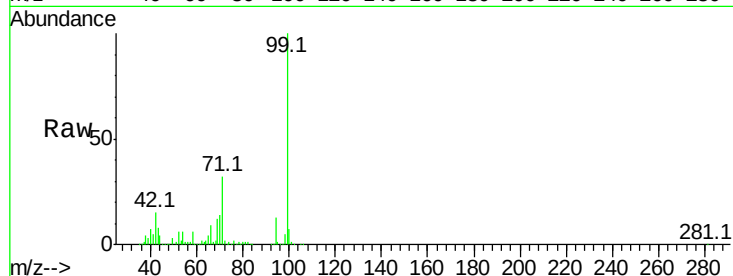
42 15.3 13.6 20.4

71 32.5 26.7 40.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.80 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

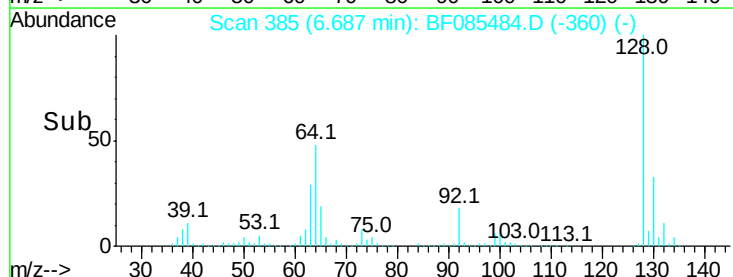
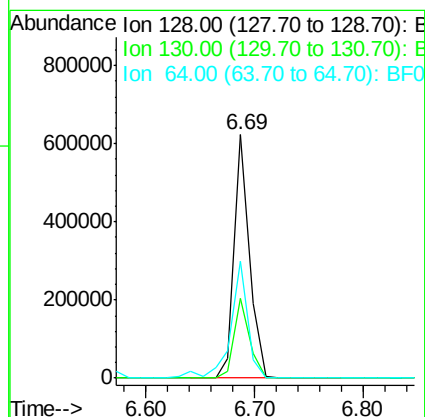
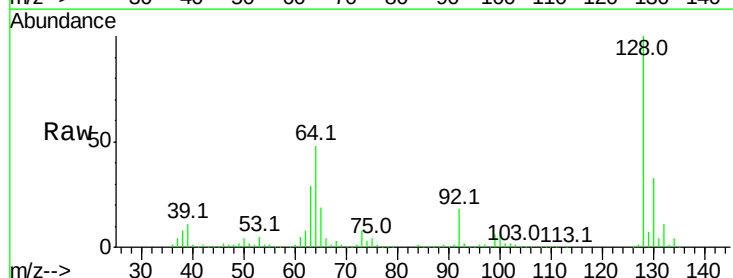
Tgt Ion: 128 Resp: 595913

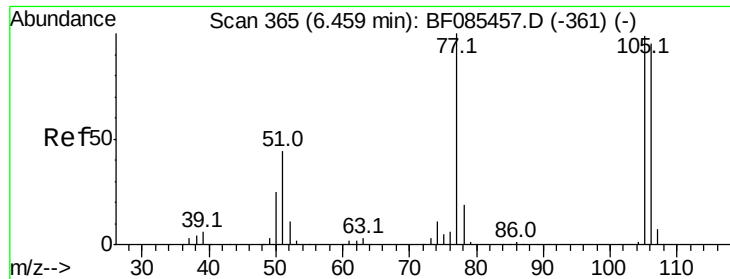
Ion Ratio Lower Upper

128 100

130 32.9 13.3 53.3

64 48.1 25.7 65.7





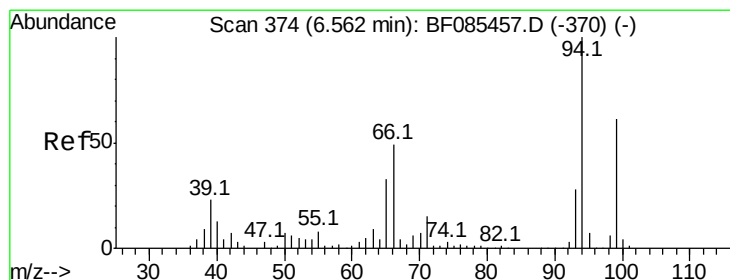
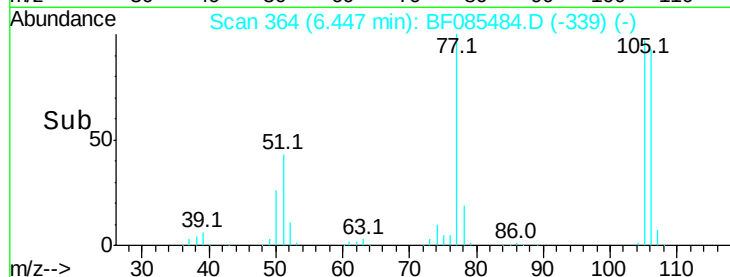
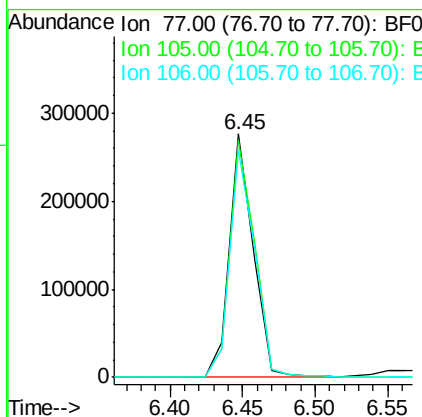
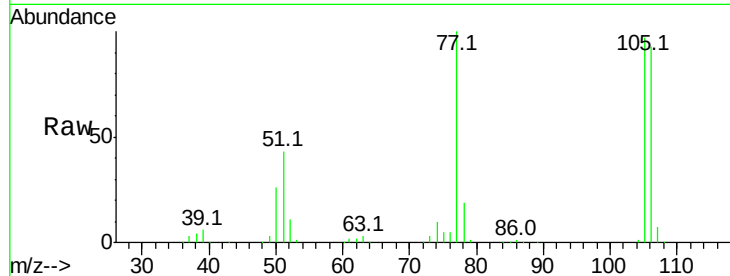
#9
Benzaldehyde
Concen: 32.62 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.2	78.2	118.2
106	93.5	72.9	112.9

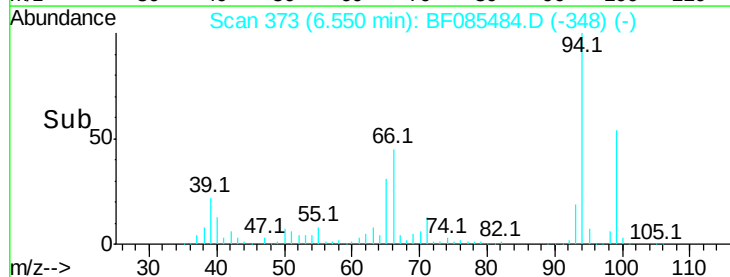
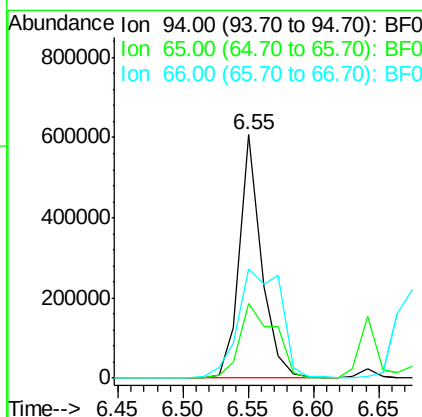
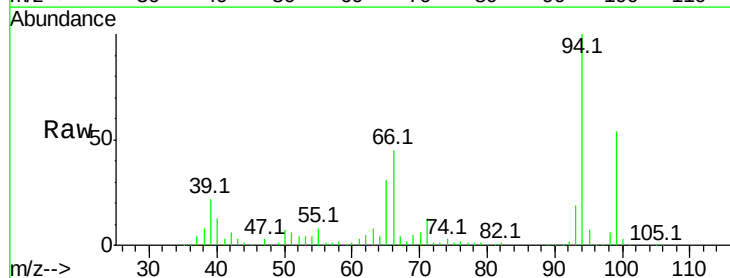
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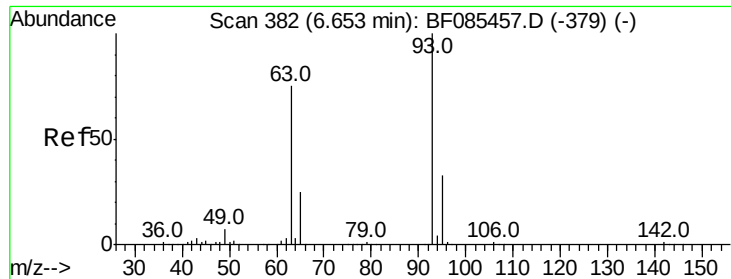
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#10
Phenol
Concen: 36.53 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.1	49.1
66	44.9	19.3	59.3





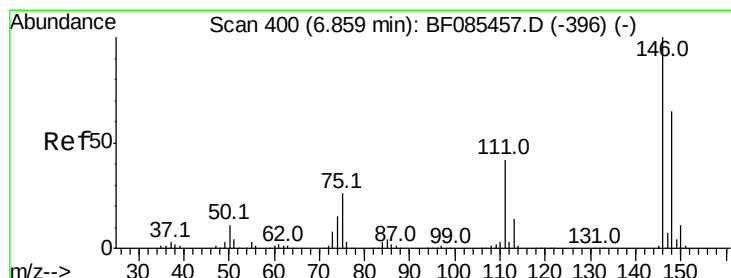
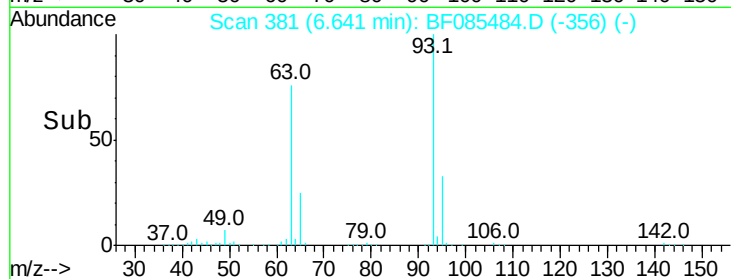
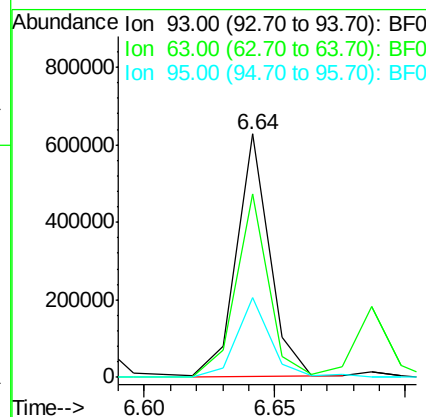
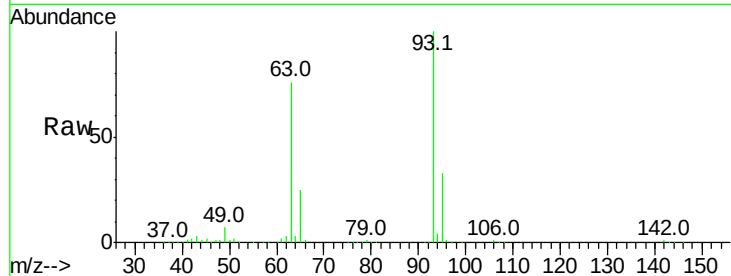
#11
bis(2-Chloroethyl)ether
Concen: 36.75 ng
RT: 6.64 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	552494
Ion Ratio	Lower	Upper	
93	100		
63	75.6	50.9	90.9
95	33.0	13.7	53.7

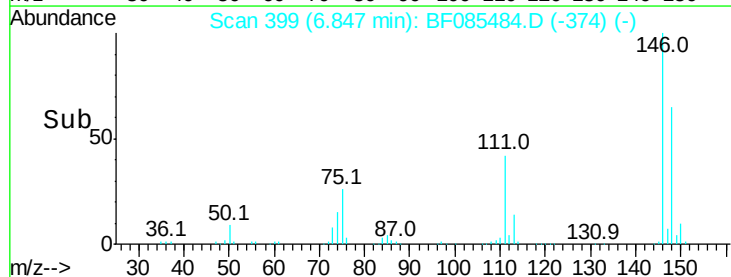
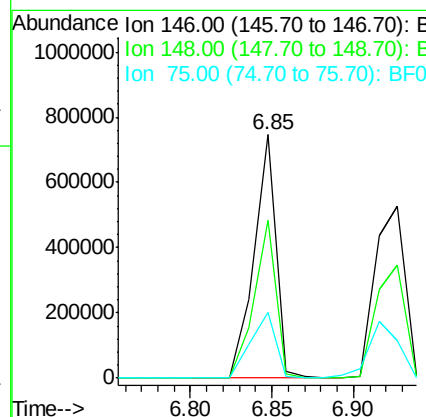
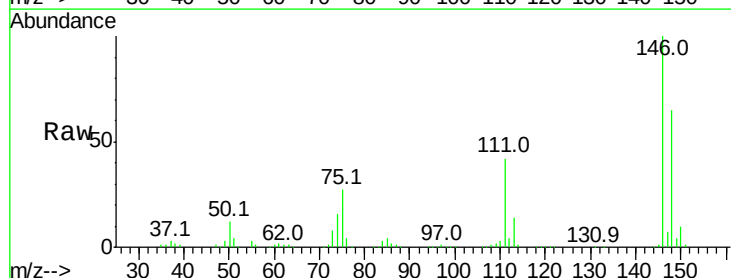
Manual Integrations
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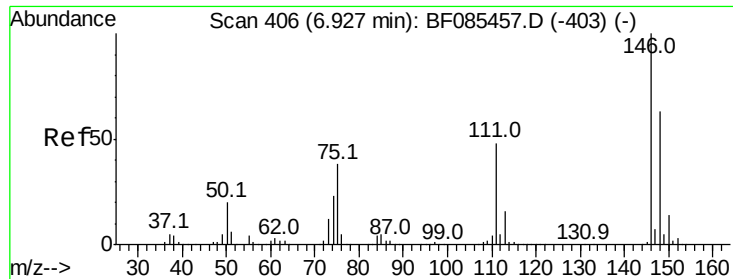
Sohil
3/17/2016 5:20:15 PM



#12
1,3-Dichlorobenzene
Concen: 39.89 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion:	146	Resp:	697068
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.1	78.1
75	26.8	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 38.73 ng/mL

RT: 6.93 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

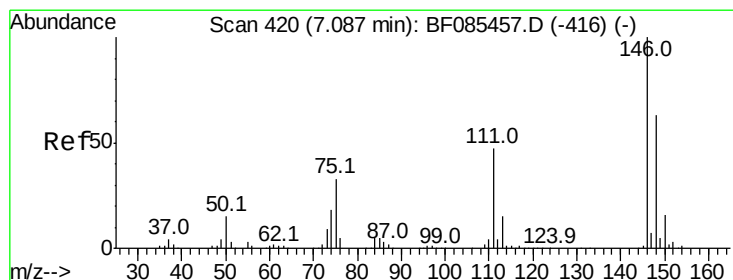
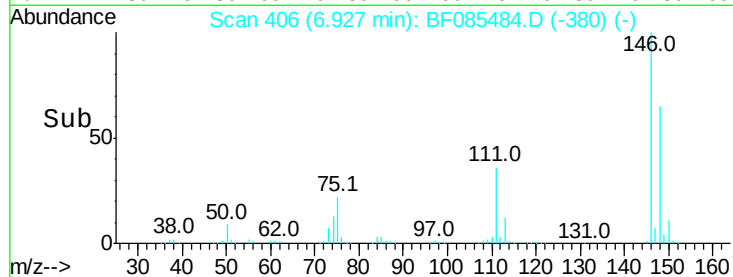
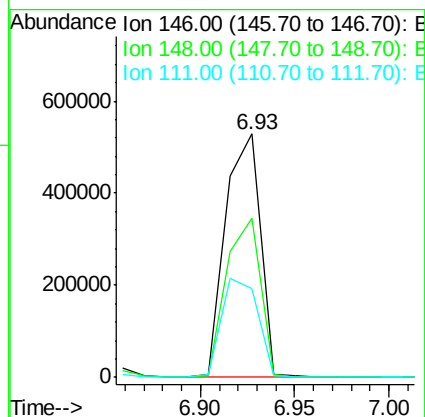
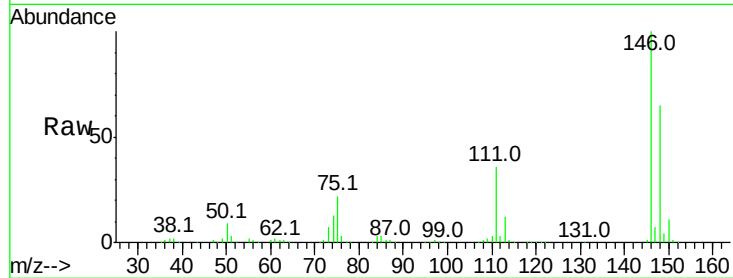
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	677789
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.3	76.9
111	36.4	38.4	57.6#

Manual Integrations
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Sohil
3/17/2016 5:20:15 PM



#14

1,2-Dichlorobenzene

Concen: 38.18 ng/mL

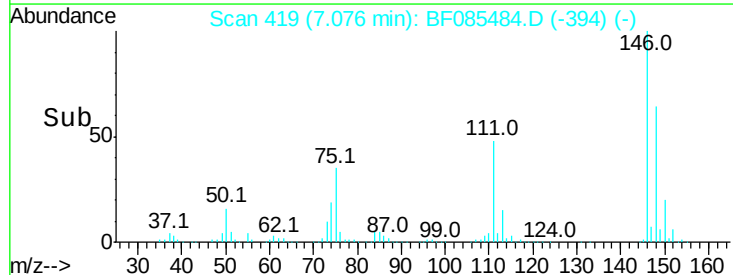
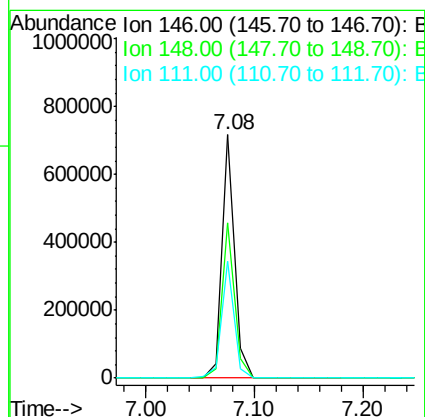
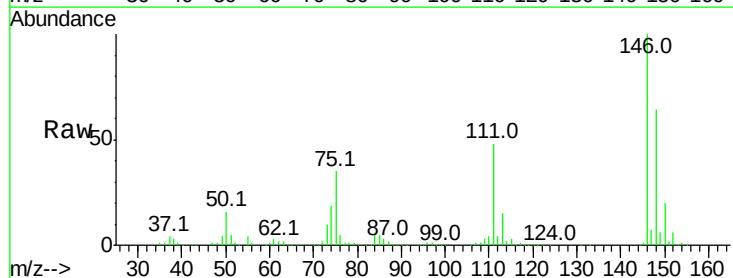
RT: 7.08 min Scan# 419

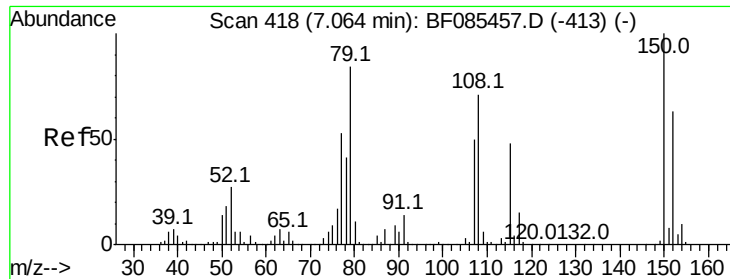
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	146	Resp:	586508
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.2
111	48.2	36.7	55.1





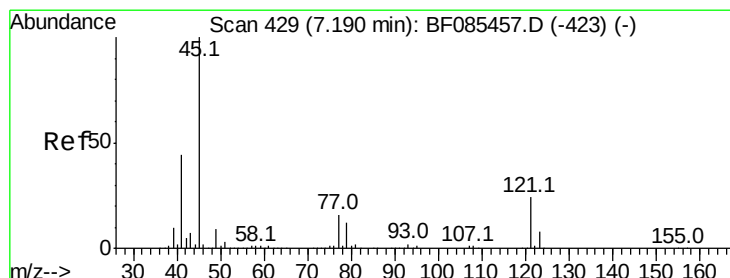
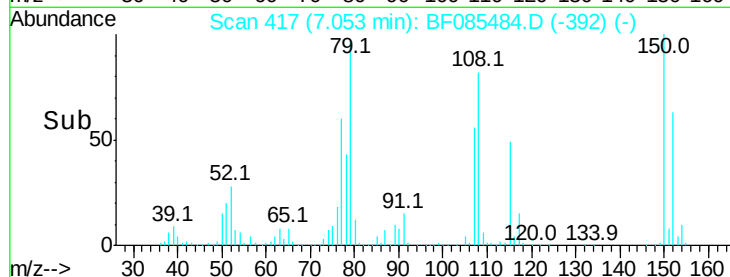
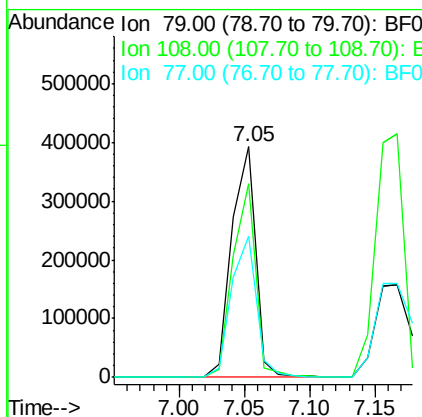
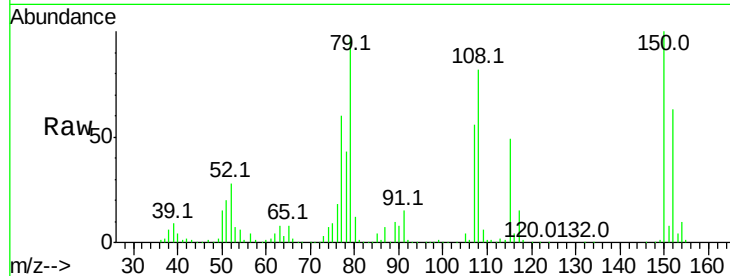
#15
Benzyl Alcohol
Concen: 40.29 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	62.9	94.3
77	61.5	49.5	74.3

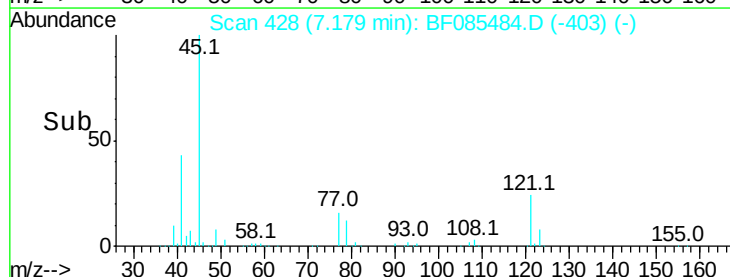
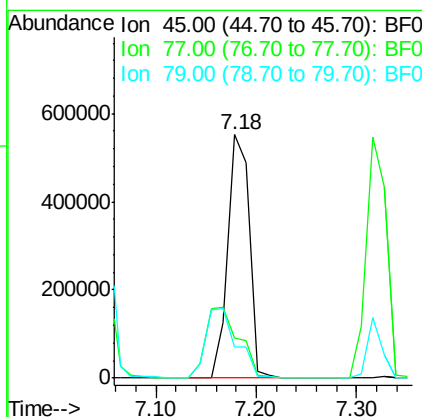
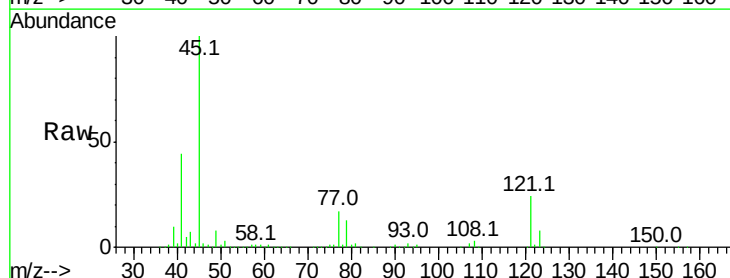
Manual Integrations
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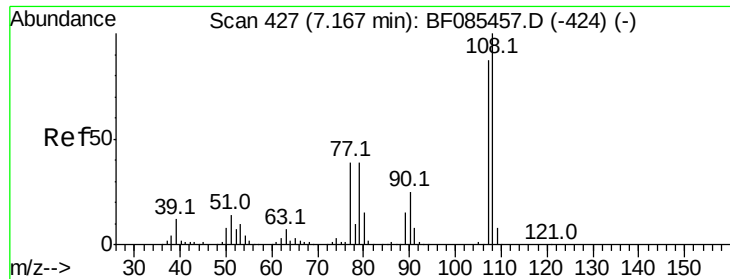
Sohil
3/17/2016 5:20:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.02 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	35.1
79	12.8	0.0	31.3





#17

2-Methylphenol

Concen: 41.30 ng

RT: 7.17 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

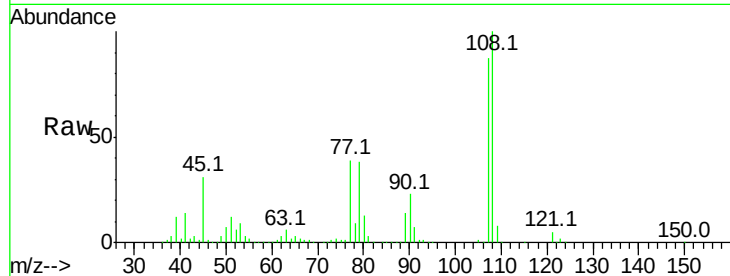
ClientSampleId :

SSTDCCC040

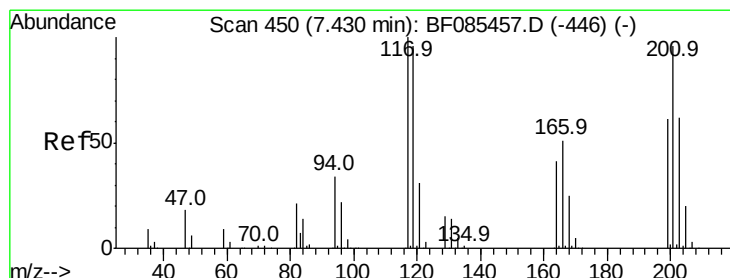
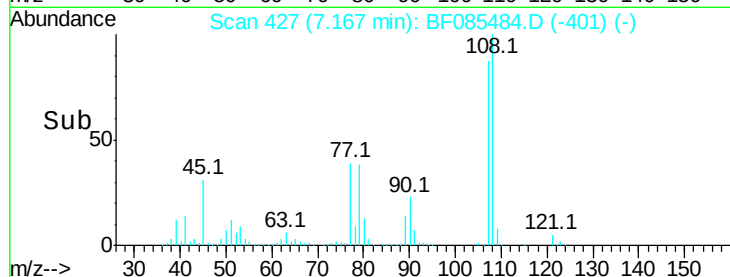
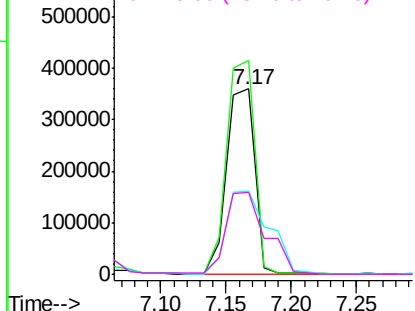
Tot Ion:	107	Resp:	545132
Ion Ratio	Lower	Upper	
107	100		
108	115.1	90.9	136.3
77	44.6	32.6	48.8
79	44.0	32.8	49.2

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



#18

Hexachloroethane

Concen: 39.32 ng

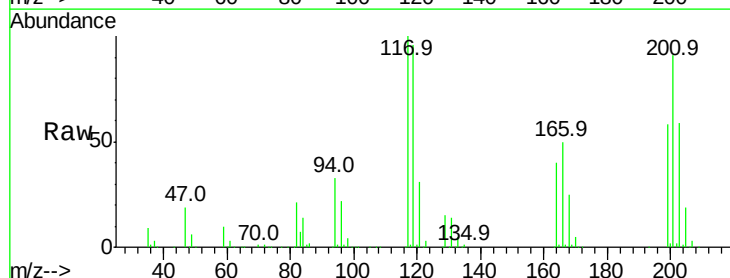
RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

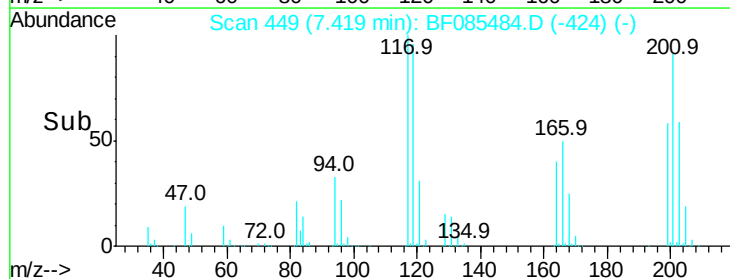
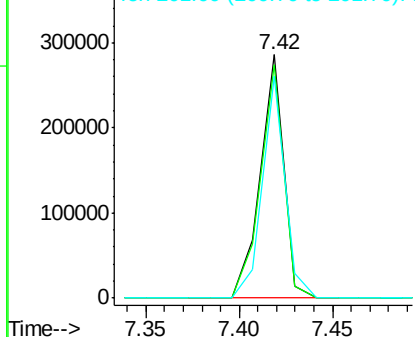
Lab File: BF085484.D

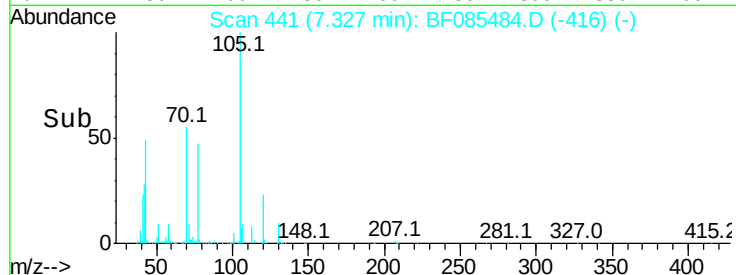
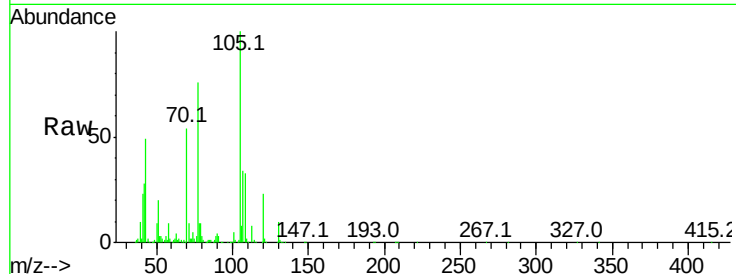
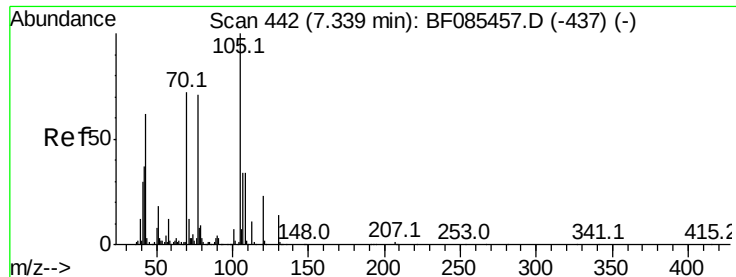
Acq: 17 Mar 2016 1:49

Tgt Ion:	117	Resp:	252455
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.2	117.4
201	91.3	72.0	108.0



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





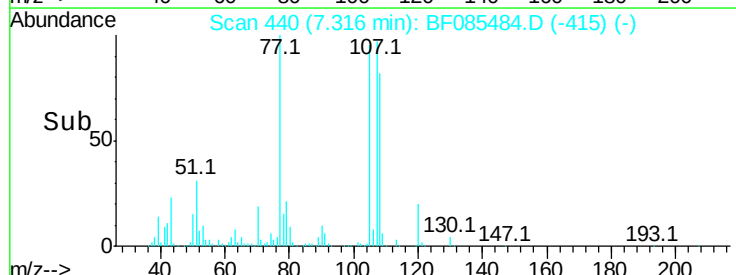
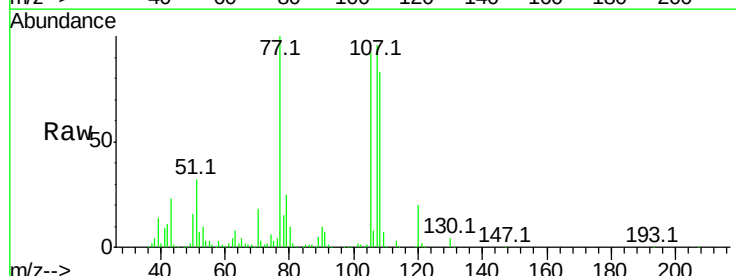
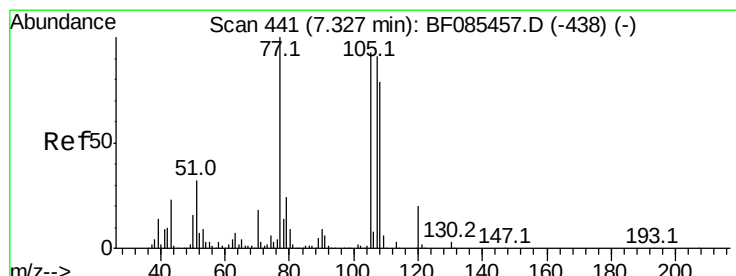
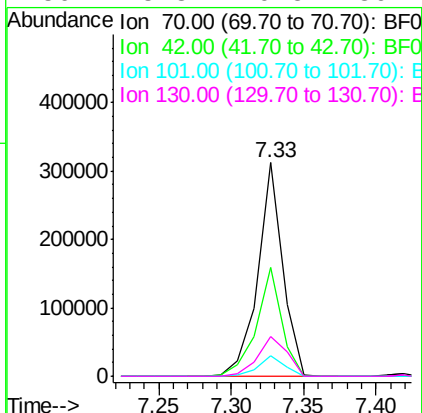
#19
n-Nitroso-di-n-propylamine
Concen: 35.58 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.1	37.7	56.5
101	9.4	8.2	12.4
130	18.8	20.5	30.7#

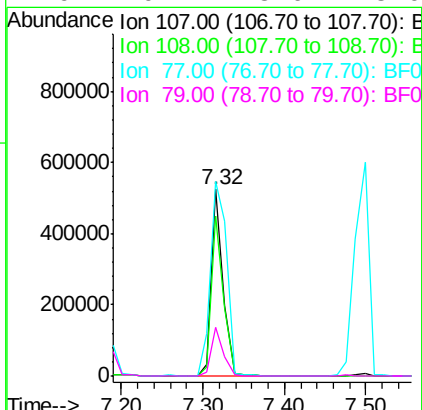
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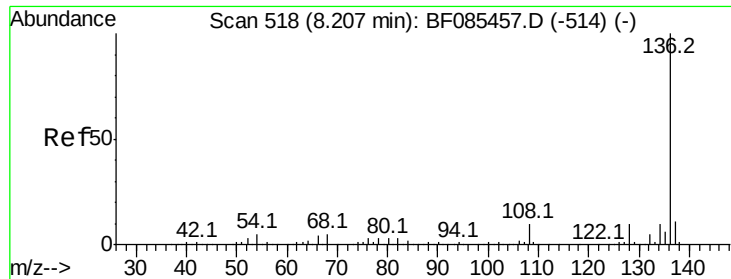
Sohil
3/17/2016 5:20:15 PM



#20
3+4-Methylphenols
Concen: 37.17 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.8	108.8
77	104.2	53.6	93.6#
79	26.1	8.0	48.0





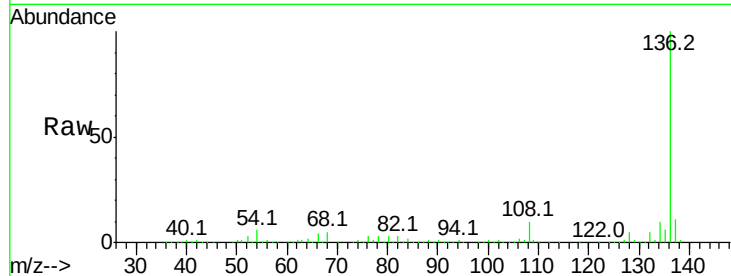
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

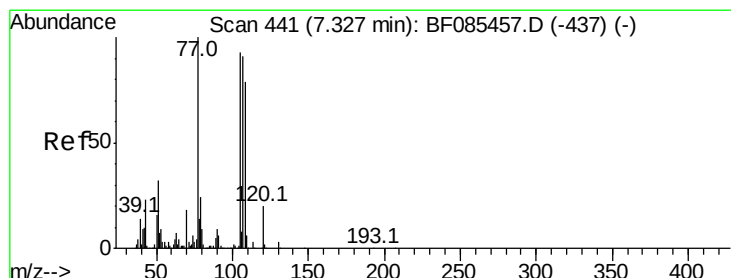
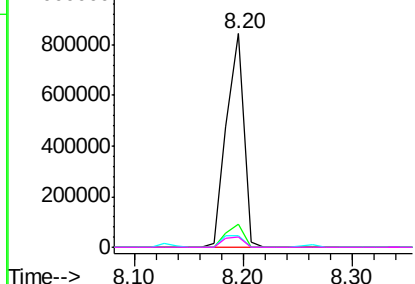
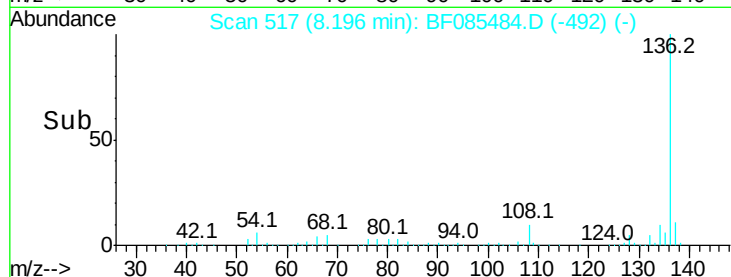
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.3	13.9	
54	5.6	7.4	11.2#	
68	5.0	6.0	9.0#	

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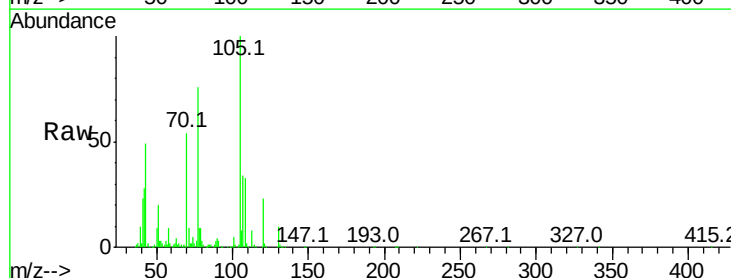


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

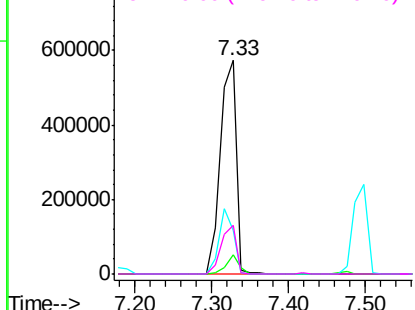
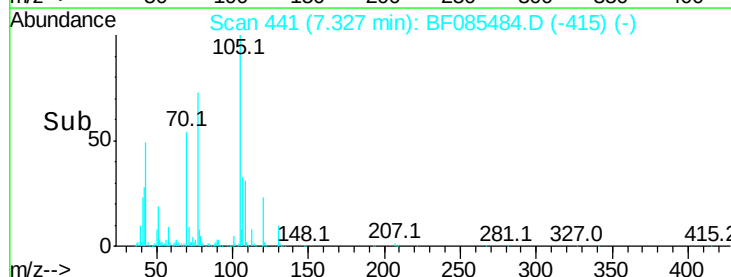


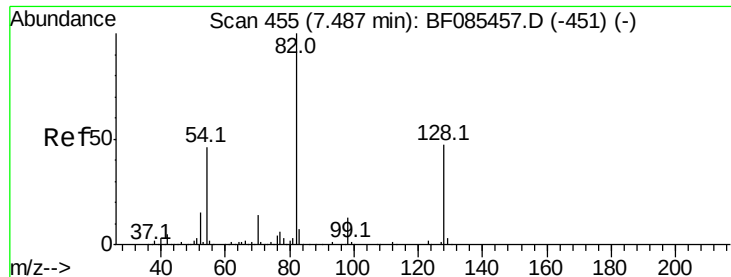
#22
Acetophenone
Concen: 36.69 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.3	4.1	6.1#	
51	20.1	21.1	31.7#	
120	22.9	17.3	25.9	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





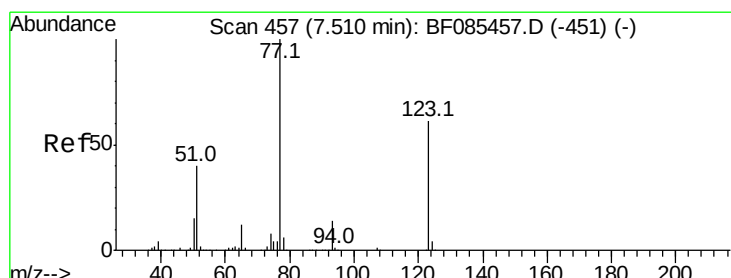
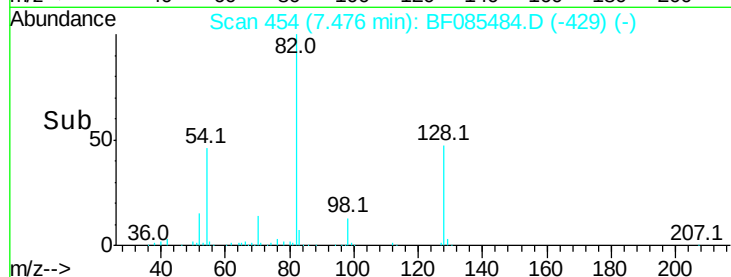
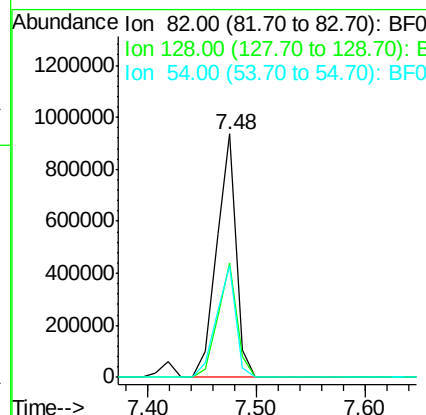
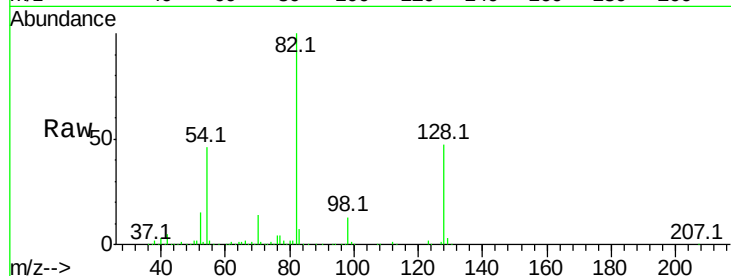
#23
 Nitrobenzene-d5
 Concen: 73.86 ng
 RT: 7.48 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1165266
Ion Ratio	100	Lower	Upper
82	100		
128	46.8	34.5	51.7
54	45.9	39.3	58.9

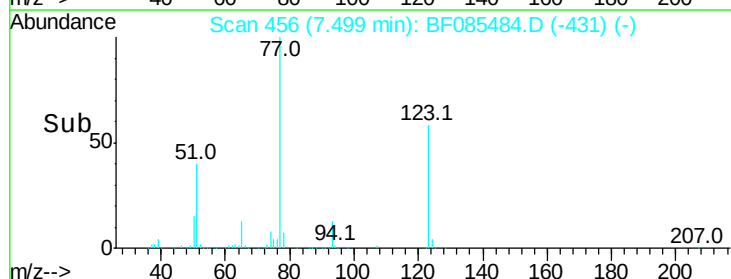
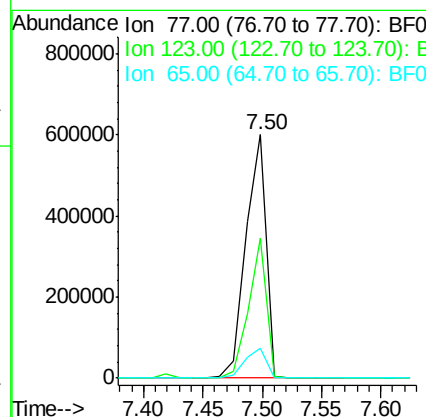
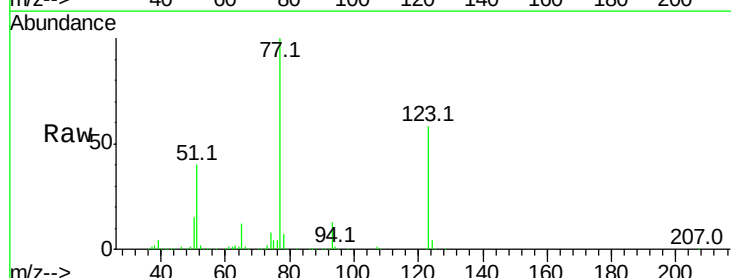
Manual Integrations
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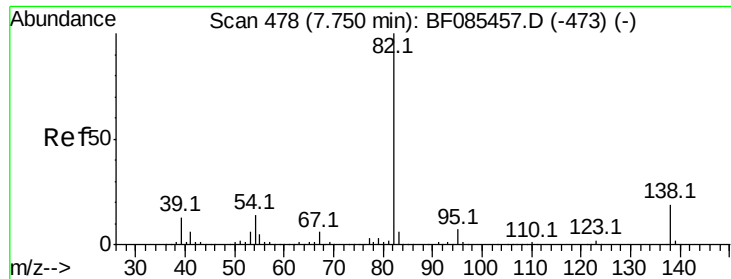
Sohil
 3/17/2016 5:20:15 PM



#24
 Nitrobenzene
 Concen: 40.02 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	77	Resp	711446
Ion Ratio	100	Lower	Upper
77	100		
123	57.7	35.4	53.2#
65	12.4	10.6	16.0





#25

Isophorone

Concen: 39.13 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1258992

Ion Ratio Lower Upper

82 100

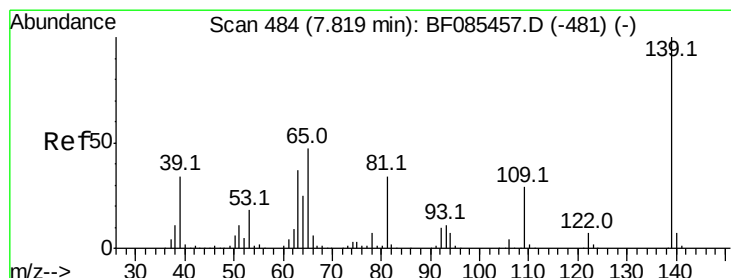
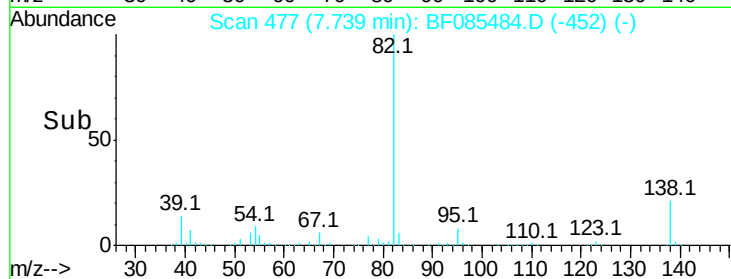
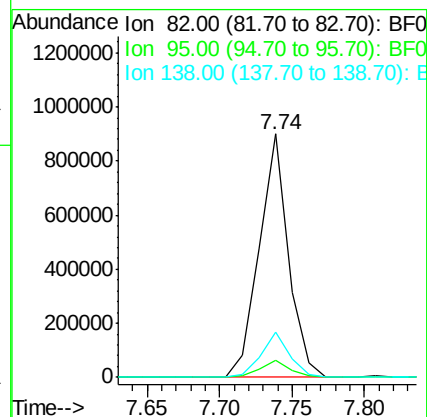
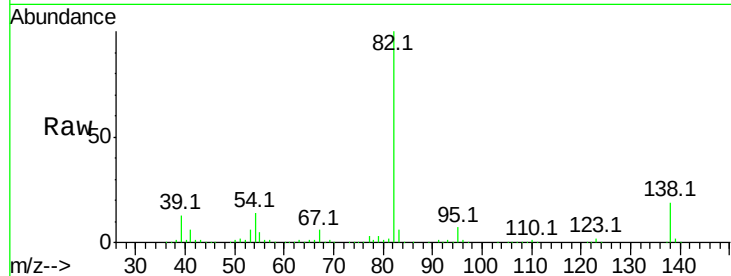
95 7.1 5.4 8.2

138 18.7 13.3 19.9

Manual Integrations
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Sohil

3/17/2016 5:20:15 PM



#26

2-Nitrophenol

Concen: 39.41 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

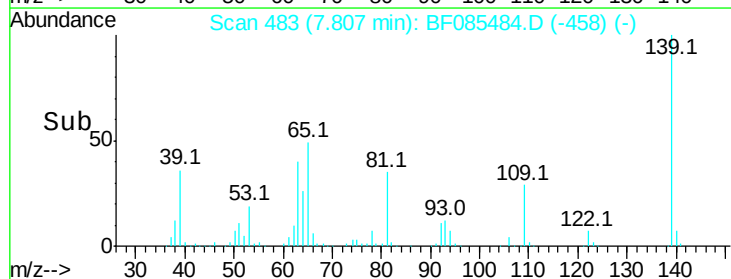
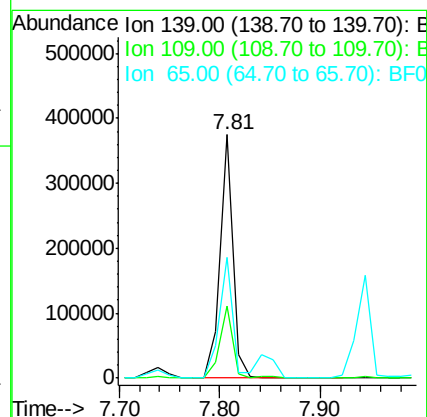
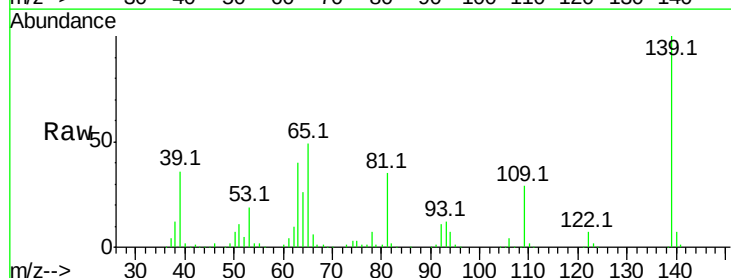
Tgt Ion: 139 Resp: 335639

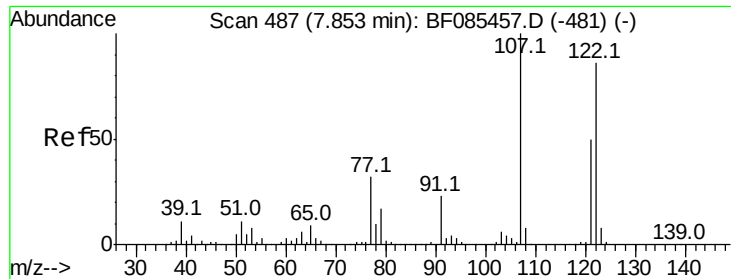
Ion Ratio Lower Upper

139 100

109 29.4 19.1 28.7#

65 49.4 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 40.12 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

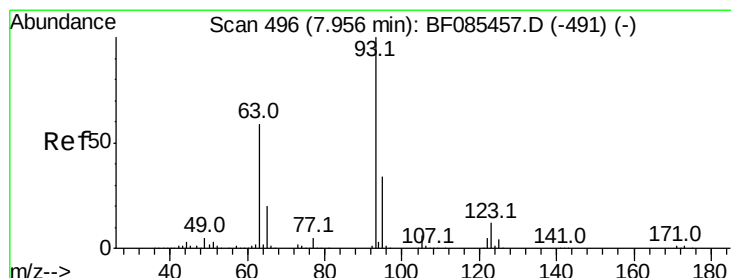
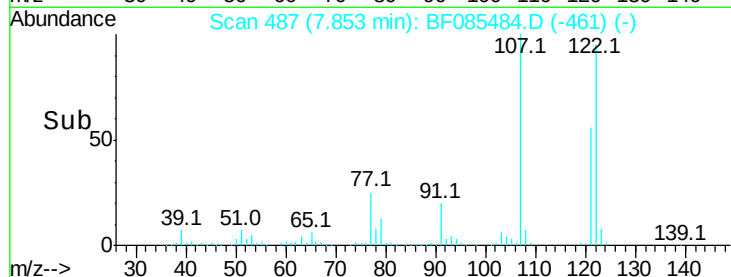
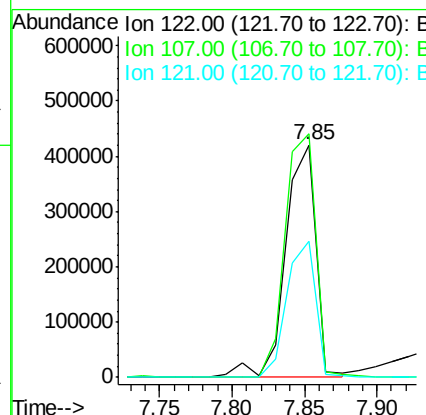
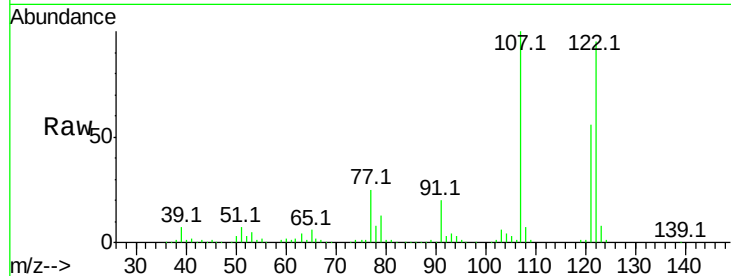
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	607735
Ion Ratio	Lower	Upper	
122	100		
107	104.8	84.8	127.2
121	58.6	47.0	70.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.96 ng

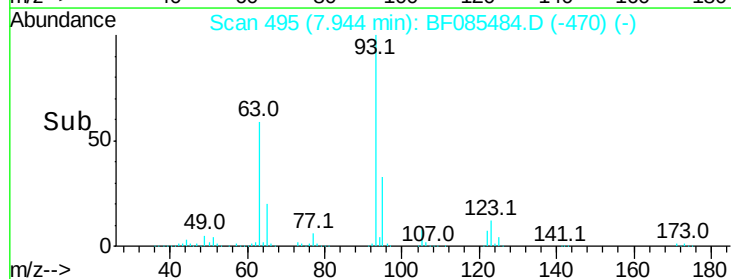
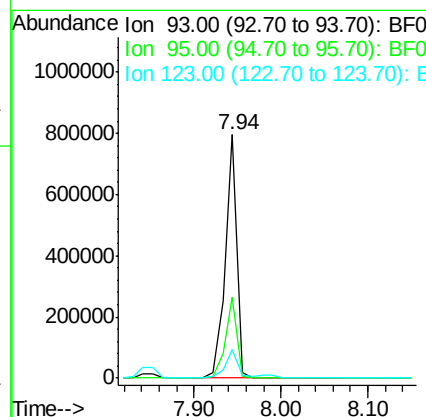
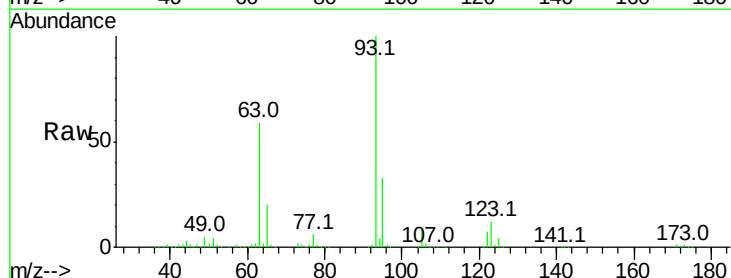
RT: 7.94 min Scan# 495

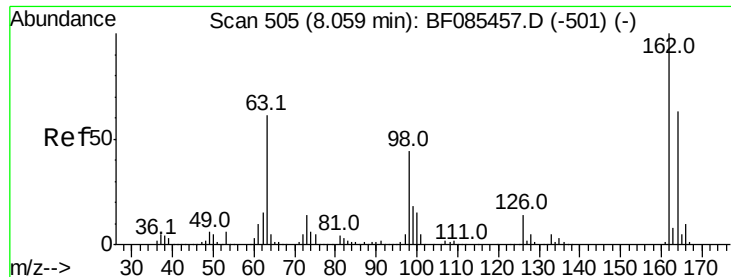
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	93	Resp:	749458
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.9	38.9
123	11.9	8.8	13.2





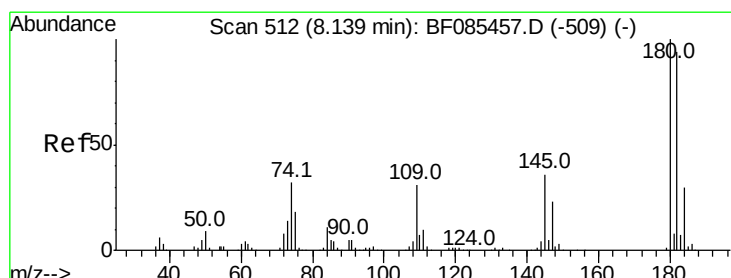
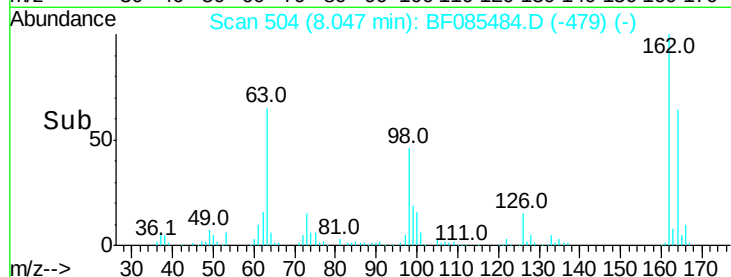
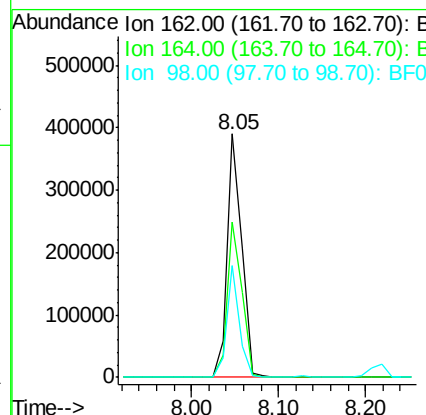
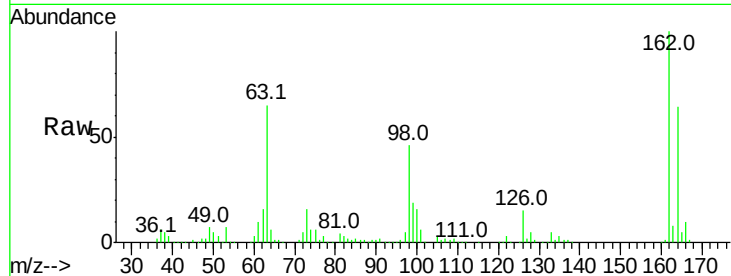
#29
 2,4-Dichlorophenol
 Concen: 37.27 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	45.7	85.7
98	45.8	9.4	49.4

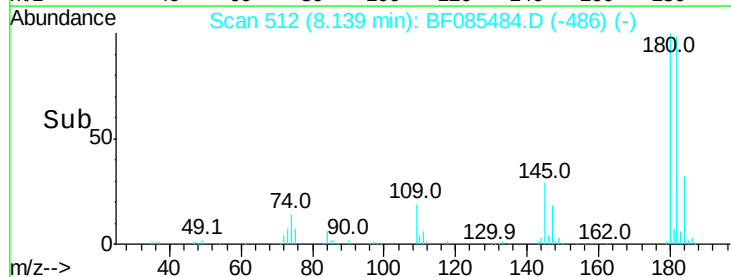
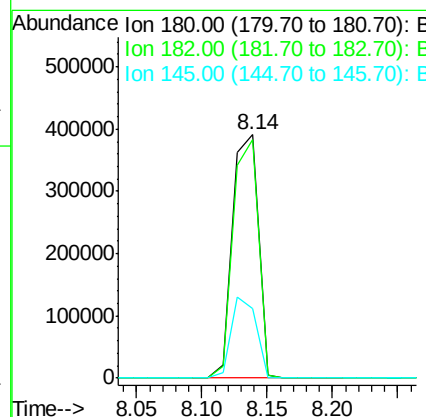
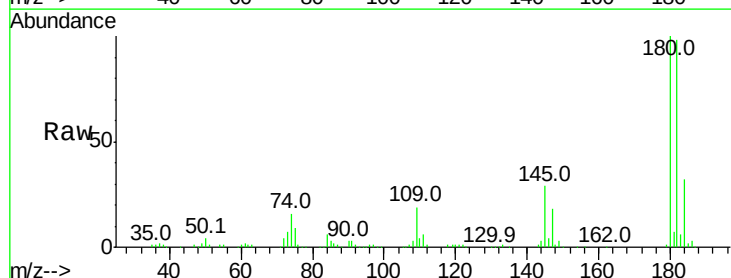
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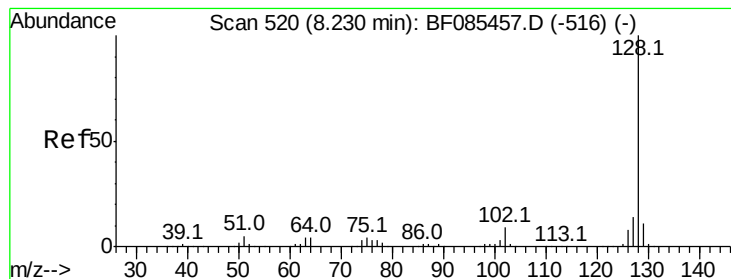
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.71 ng
 RT: 8.14 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.8	74.9	112.3
145	28.6	27.9	41.9





#31

Naphthalene

Concen: 39.03 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1778939

Ion Ratio Lower Upper

128 100

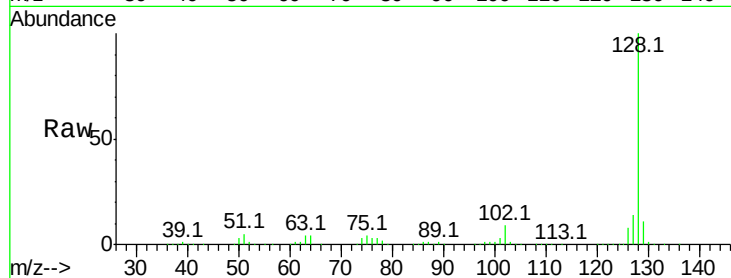
129 11.3 9.7 14.5

127 13.9 11.2 16.8

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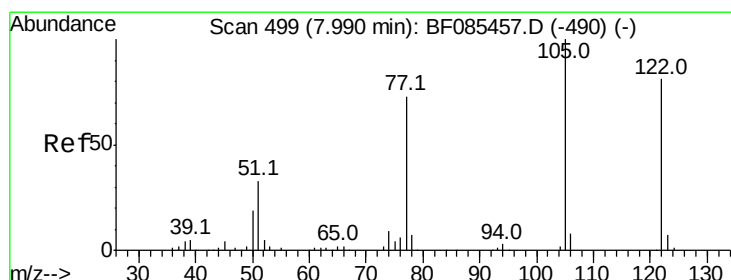
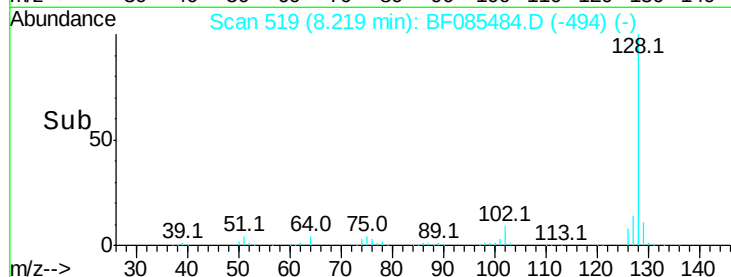
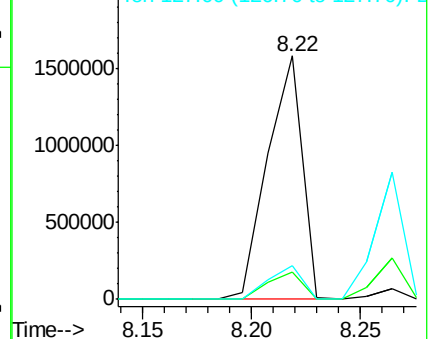
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.52 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

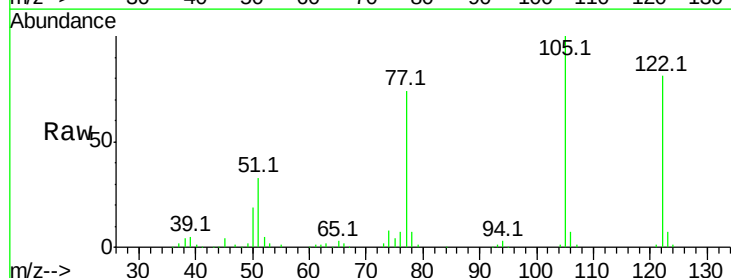
Tgt Ion:122 Resp: 431310

Ion Ratio Lower Upper

122 100

105 122.9 101.3 141.3

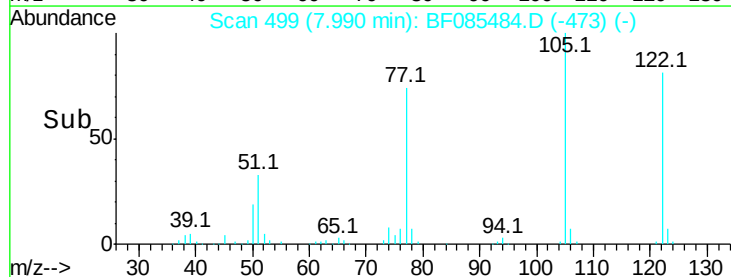
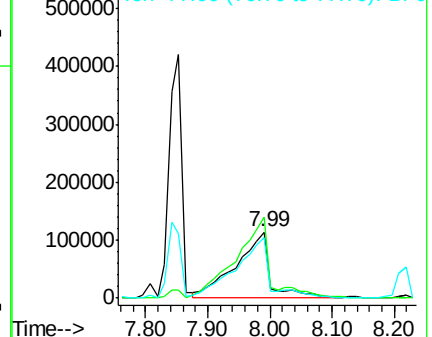
77 90.5 74.7 114.7

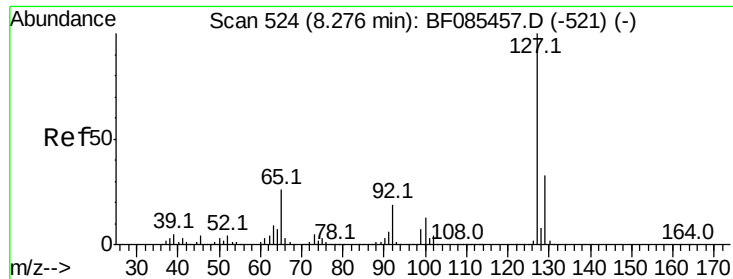


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





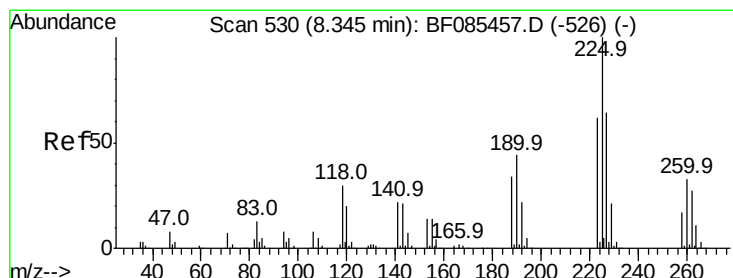
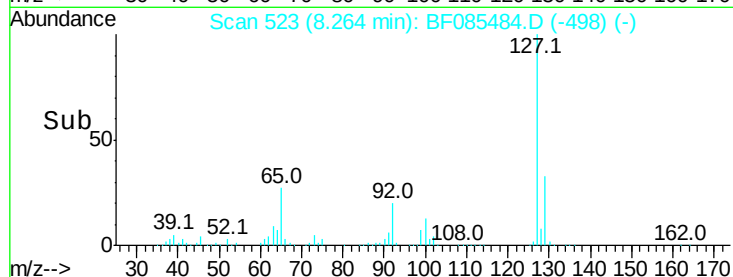
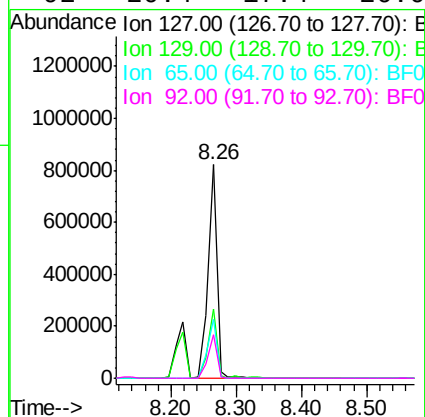
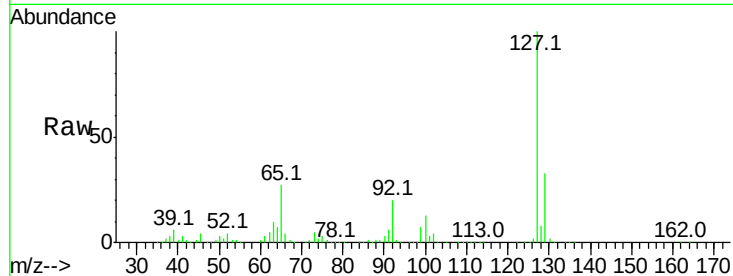
#33
4-Chloroaniline
Concen: 39.02 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	27.3	27.0	40.6		
92	20.4	17.4	26.0		

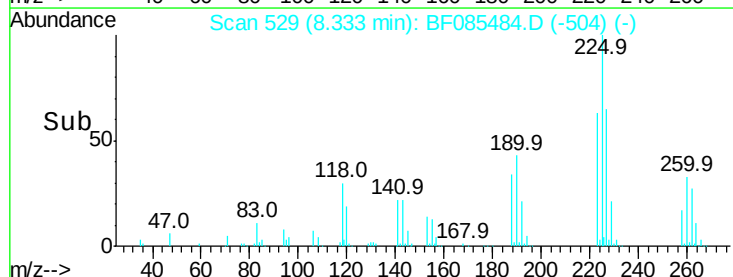
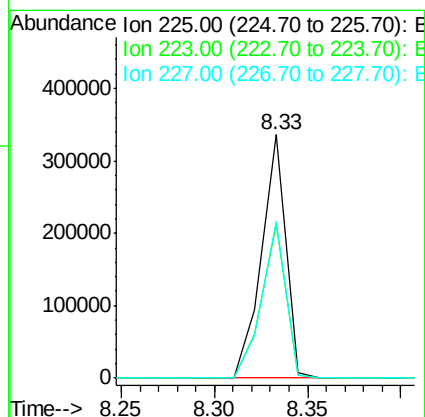
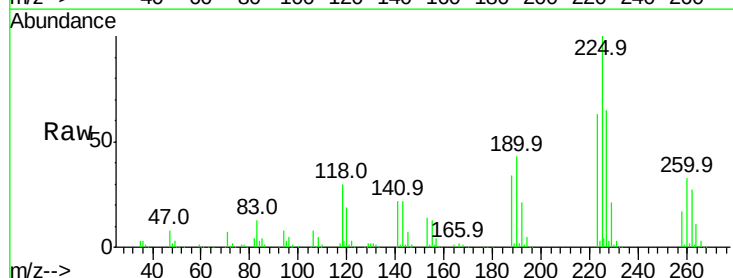
Manual Integrations
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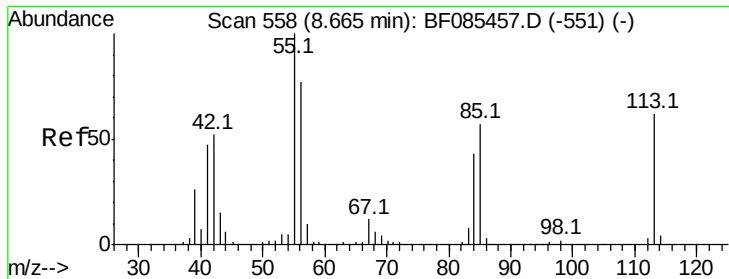
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#34
Hexachlorobutadiene
Concen: 40.57 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	64.5	52.2	78.4		





#35

Caprolactam

Concen: 40.53 ng

RT: 8.65 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

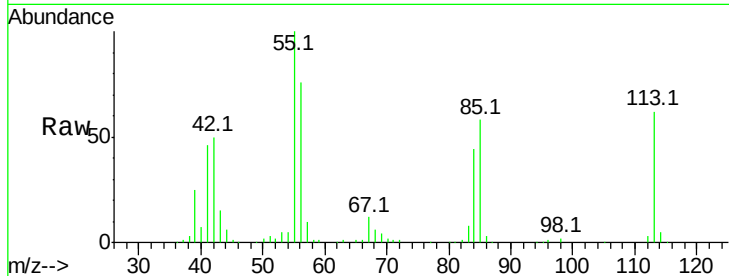
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	162614
Ion Ratio	Lower	Upper	
113	100		
55	161.3	152.7	192.7
56	122.3	109.0	149.0

Manual Integrations
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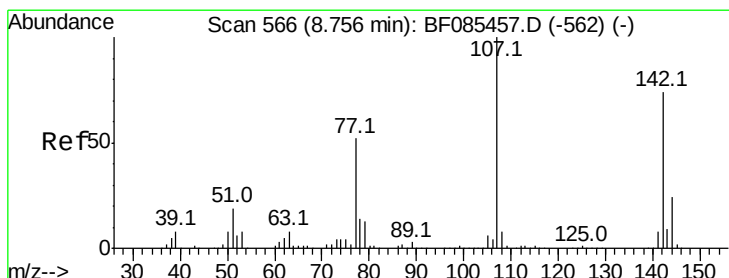
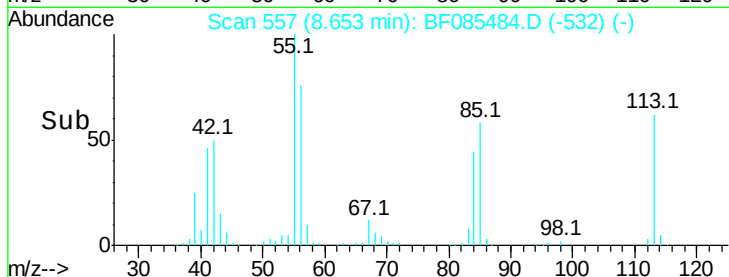
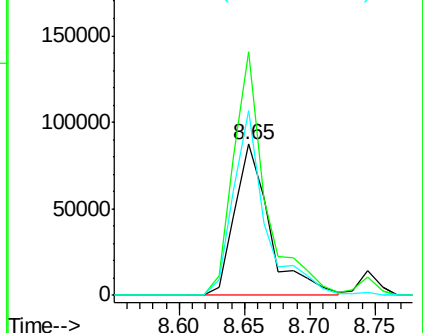
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.89 ng

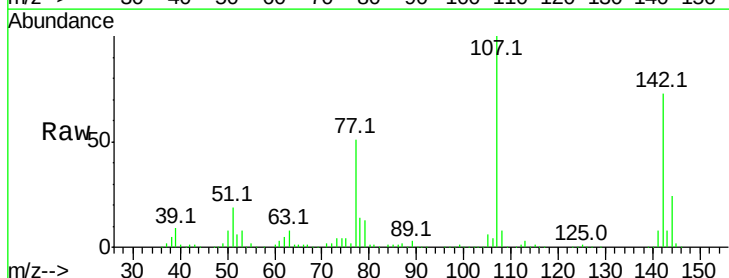
RT: 8.74 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

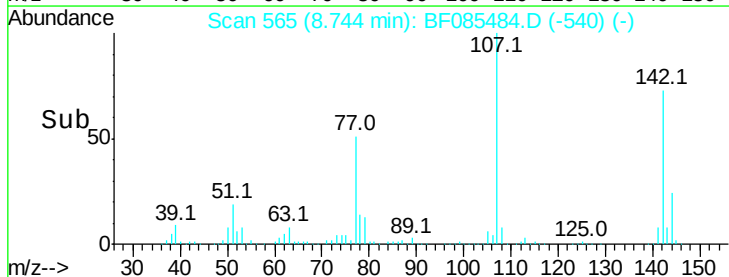
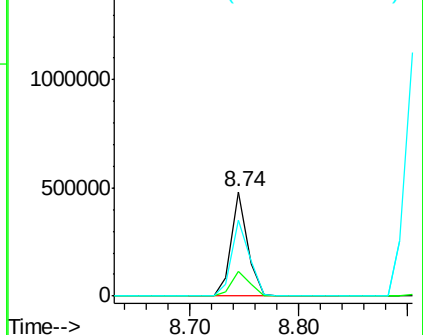
Tgt Ion:	107	Resp:	503639
Ion Ratio	Lower	Upper	
107	100		
144	23.8	19.4	29.2
142	73.3	59.4	89.2

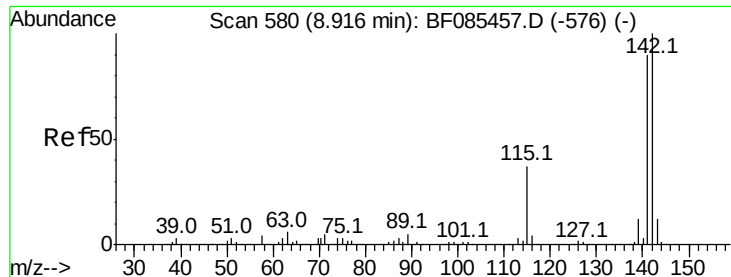


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





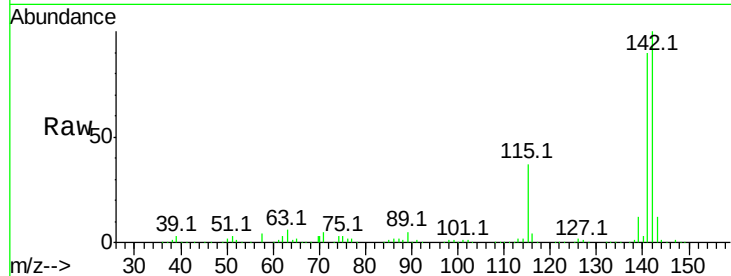
#37
2-Methylnaphthalene
Concen: 35.03 ng
RT: 8.90 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	37.0	26.2	39.4

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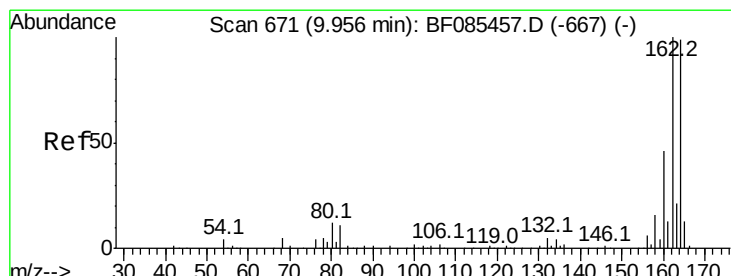
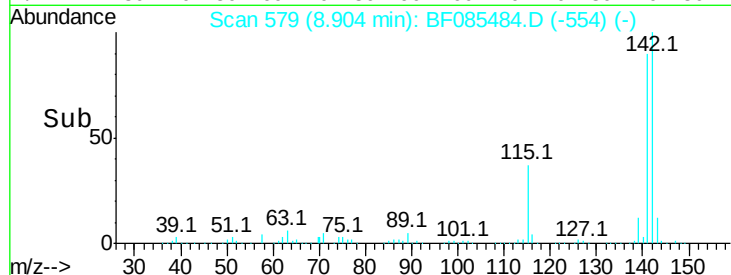
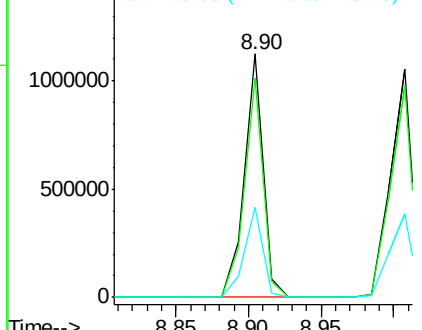


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

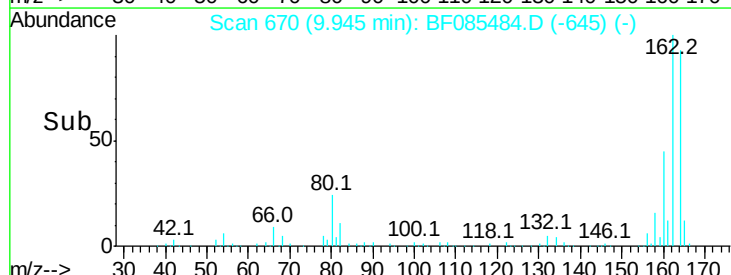
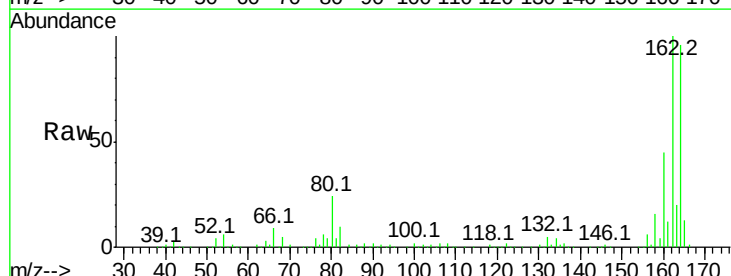
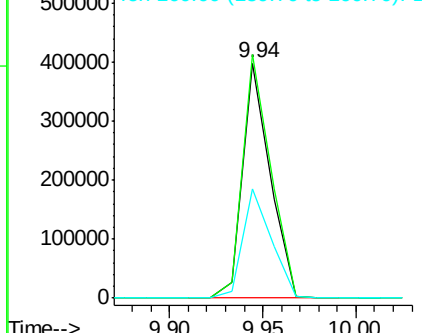
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	46.4	37.9	56.9

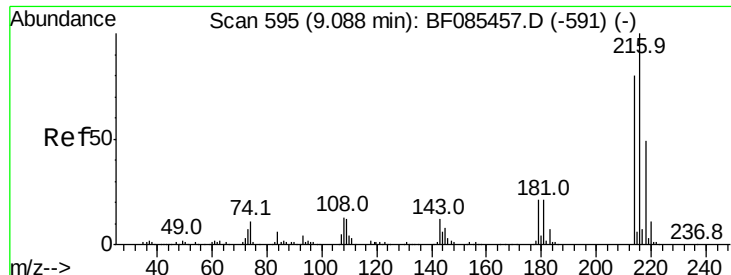
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





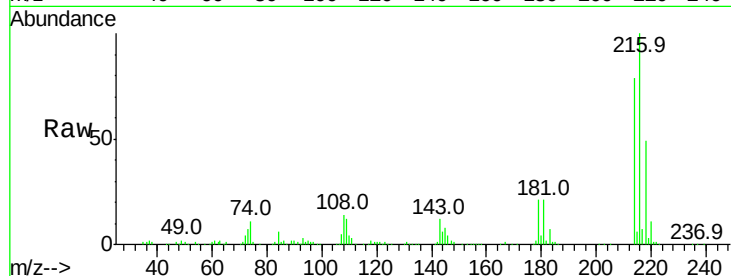
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.31 ng
RT: 9.08 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

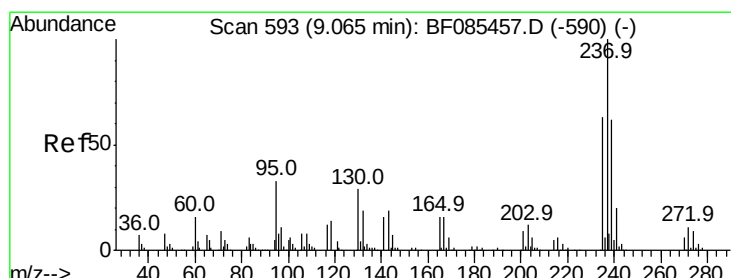
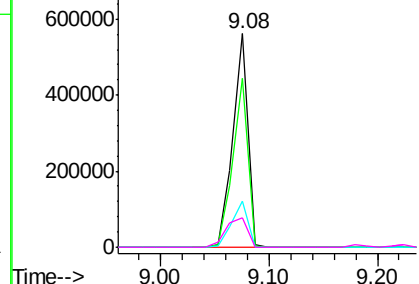
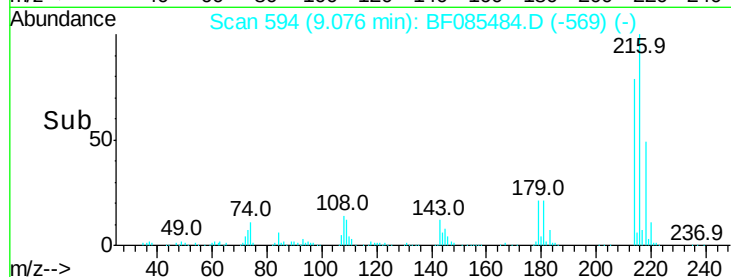
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.8	19.6	29.4
108	20.0	19.6	29.4

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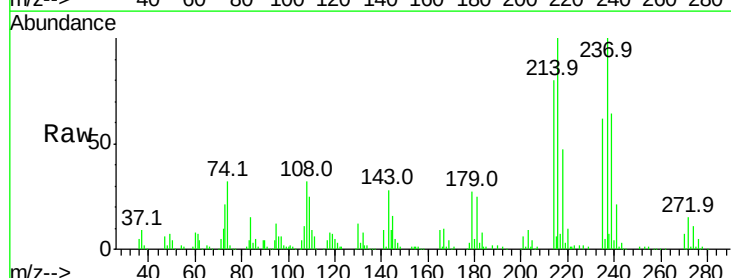


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

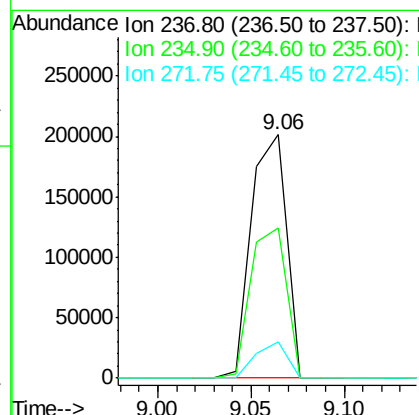
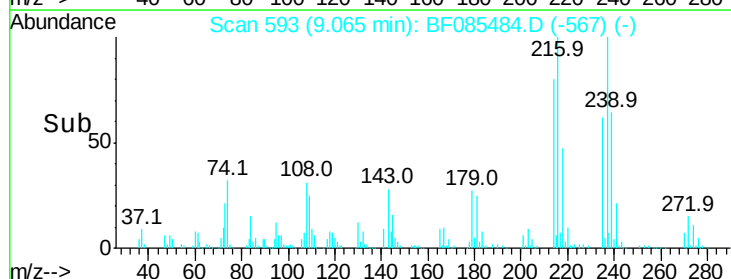


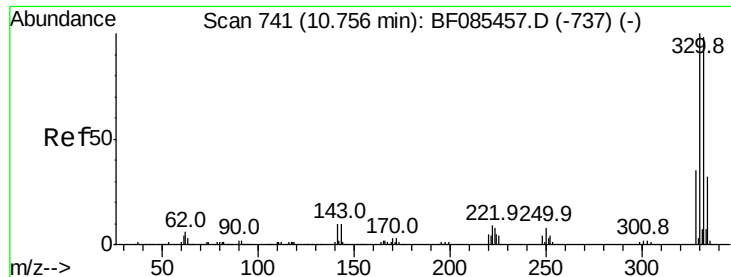
#40
Hexachlorocyclopentadiene
Concen: 42.86 ng
RT: 9.06 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	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





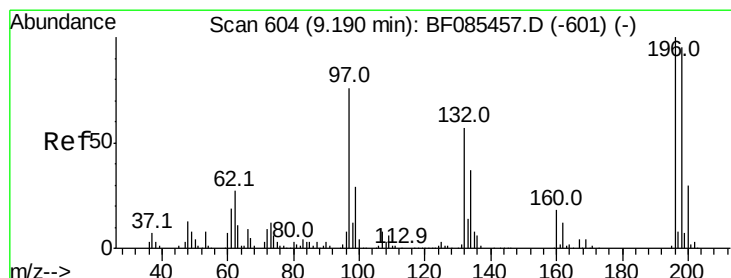
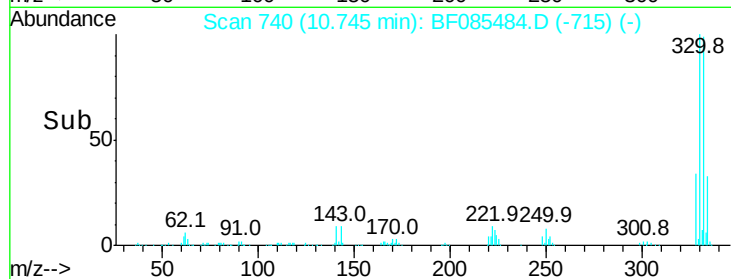
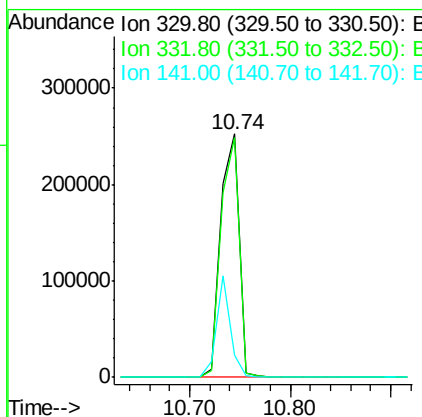
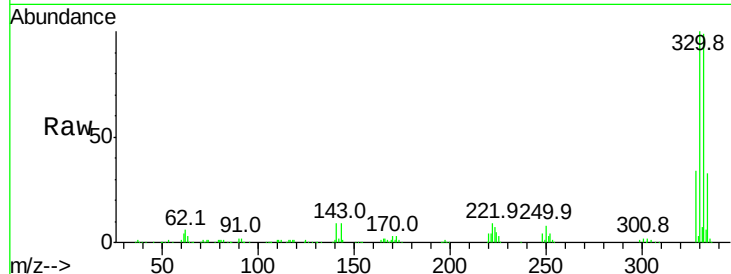
#41
 2,4,6-Tribromophenol
 Concen: 86.03 ng
 RT: 10.74 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	322728		
332	97.0	77.1	115.7	
141	31.4	35.0	52.6	

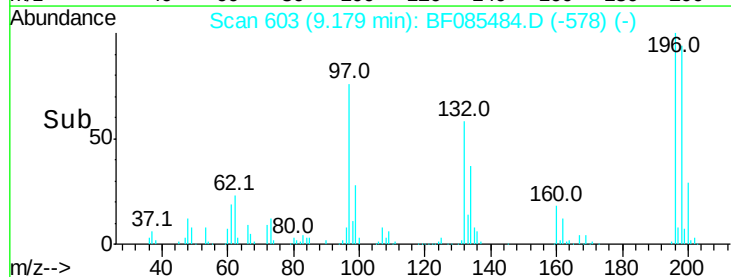
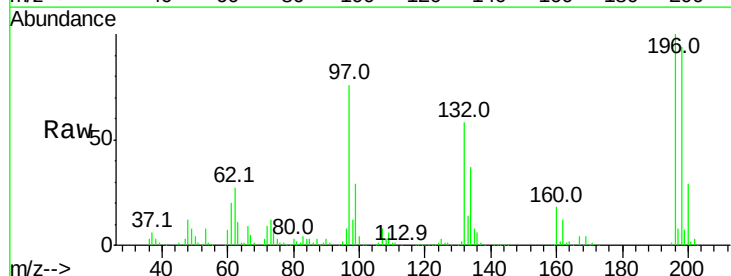
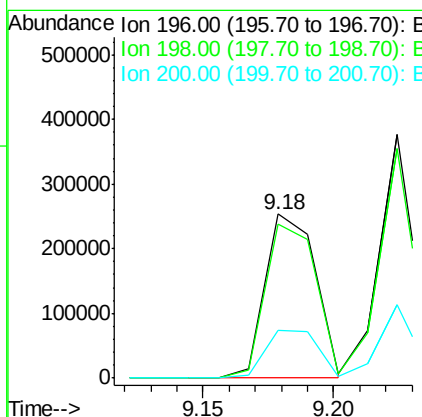
Manual Integrations
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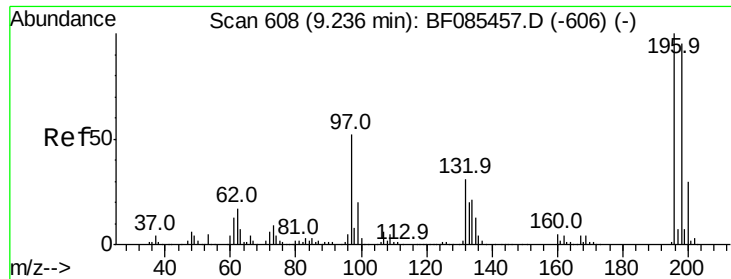
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#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340788		
198	94.1	77.8	116.6	
200	28.9	25.0	37.6	





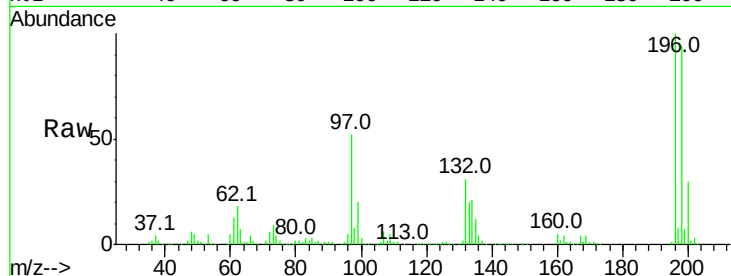
#43
 2,4,5-Trichlorophenol
 Concen: 41.47 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

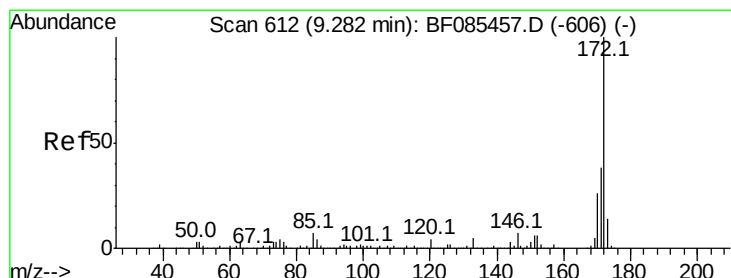
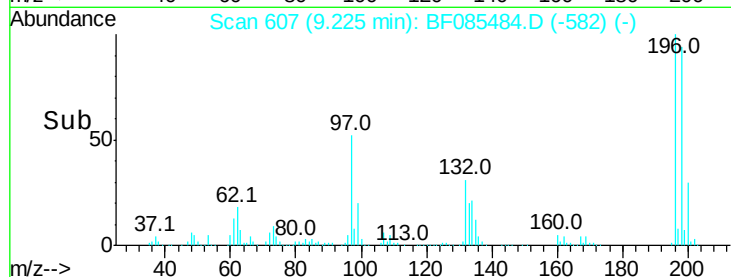
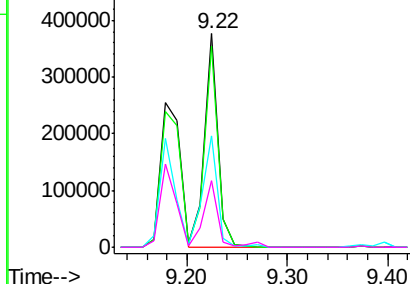
Tot Ion:	196	Resp:	350421
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
97	52.4	46.4	69.6
132	31.2	26.2	39.4

Manual Integrations
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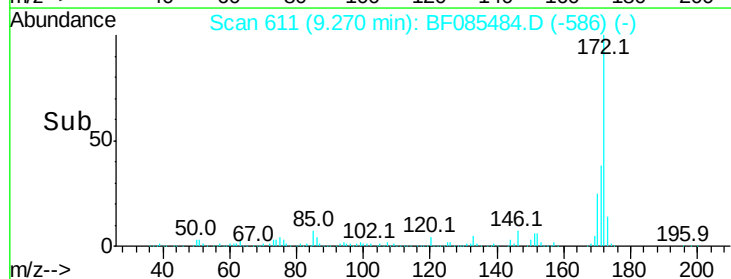
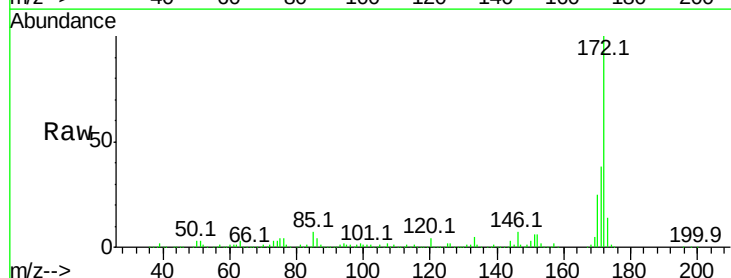
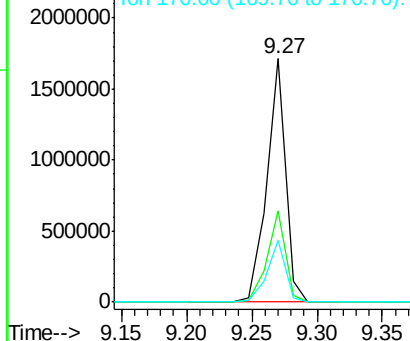
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

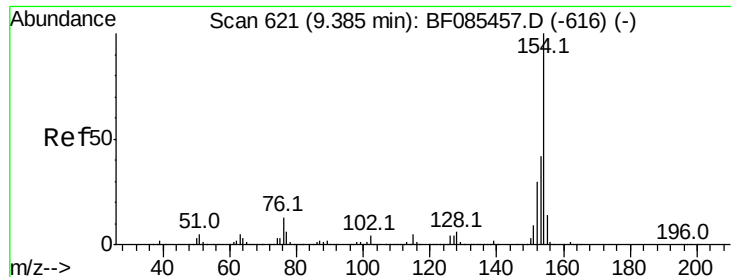


#44
 2-Fluorobiphenyl
 Concen: 73.88 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion:	172	Resp:	1734419
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.3	43.9
170	25.4	20.0	30.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.98 ng

RT: 9.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1362382

Ion Ratio Lower Upper

154 100

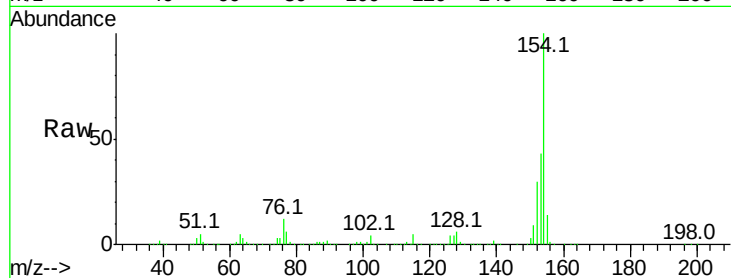
153 42.9 21.4 61.4

76 12.4 0.0 37.5

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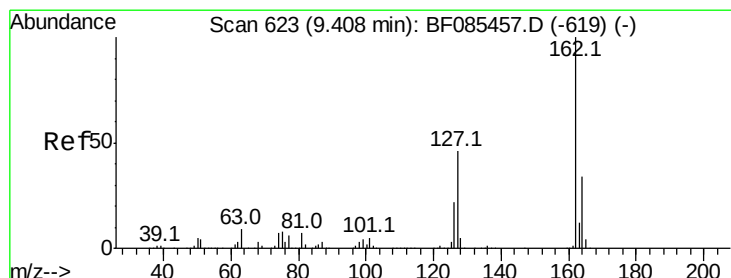
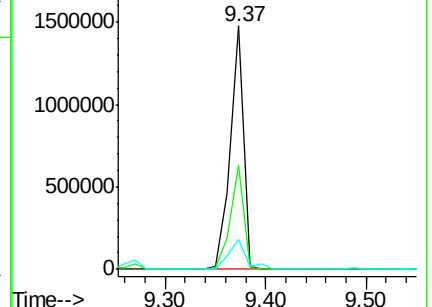
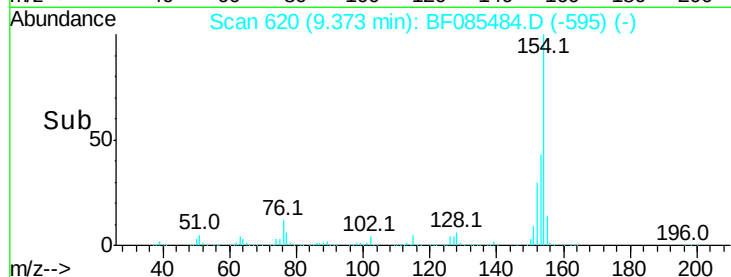
3/17/2016 5:20:15 PM



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: 39.98 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

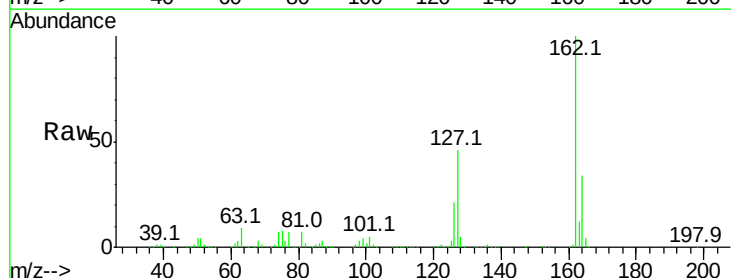
Tgt Ion:162 Resp: 995963

Ion Ratio Lower Upper

162 100

127 45.9 31.6 47.4

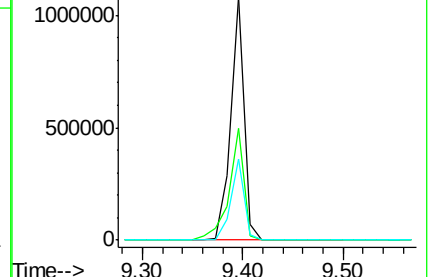
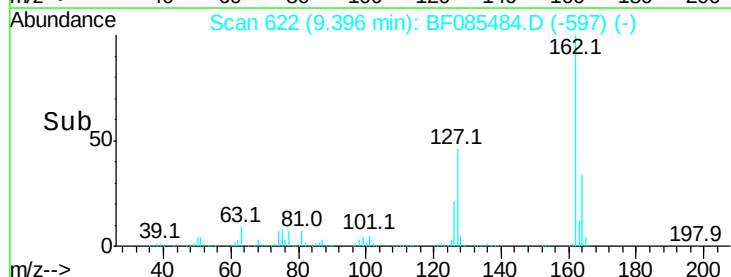
164 33.5 27.1 40.7

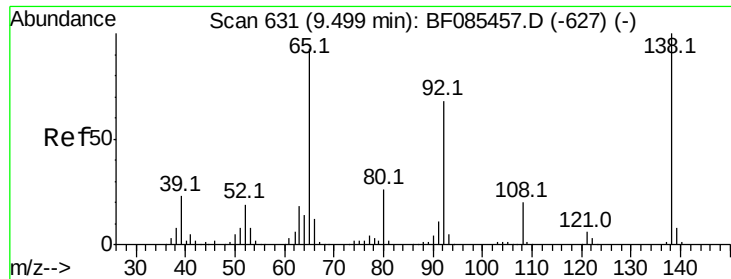


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





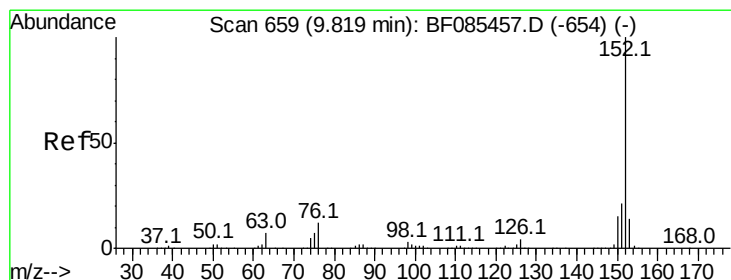
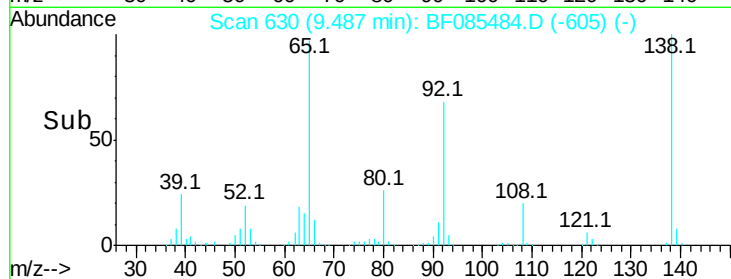
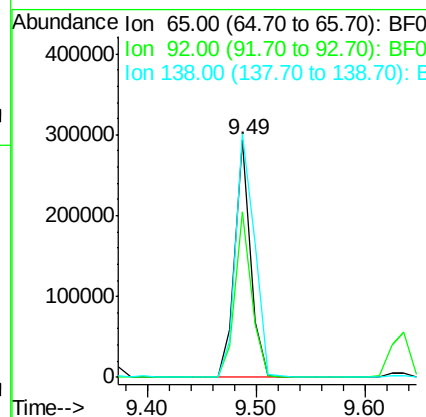
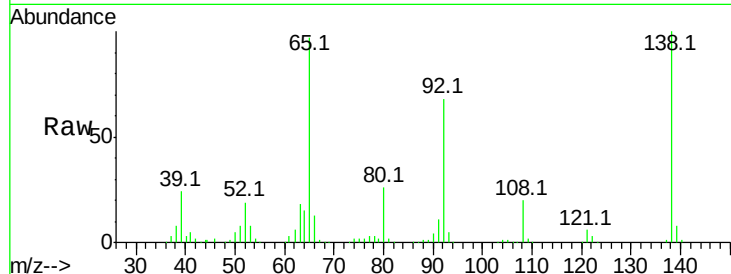
#47
 2-Nitroaniline
 Concen: 38.96 ng
 RT: 9.49 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	293851
Ion Ratio	Lower	Upper	
65	100		
92	69.8	55.4	83.2
138	102.6	75.7	113.5

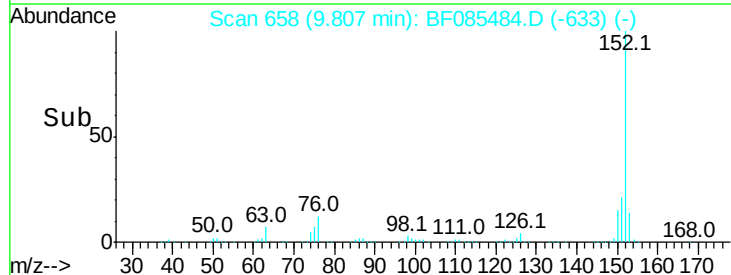
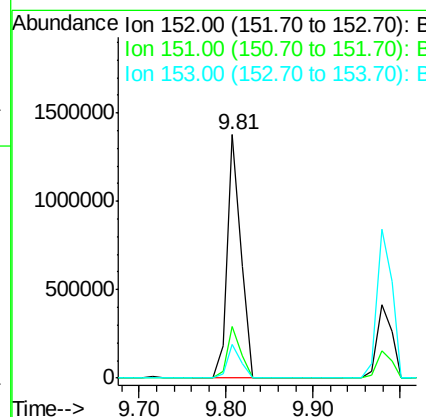
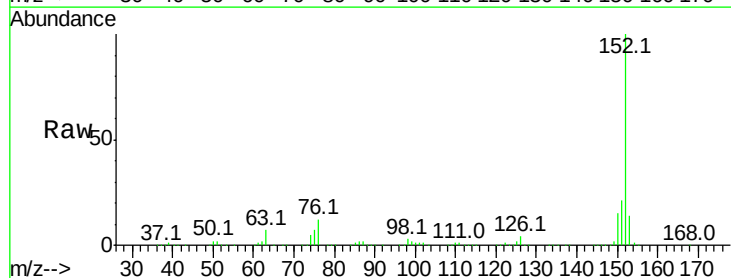
Manual Integrations
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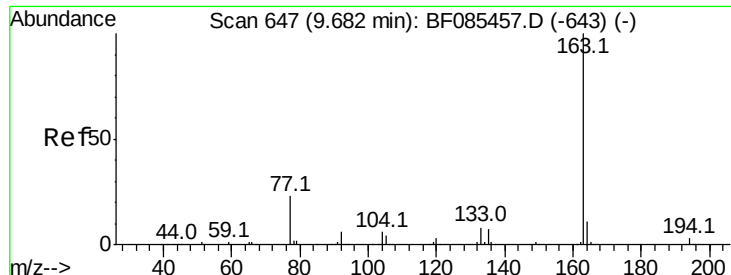
Sohil
 3/17/2016 5:20:15 PM



#48
 Acenaphthylene
 Concen: 37.54 ng
 RT: 9.81 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion:	152	Resp:	1512776
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.5	26.3
153	14.1	11.3	16.9





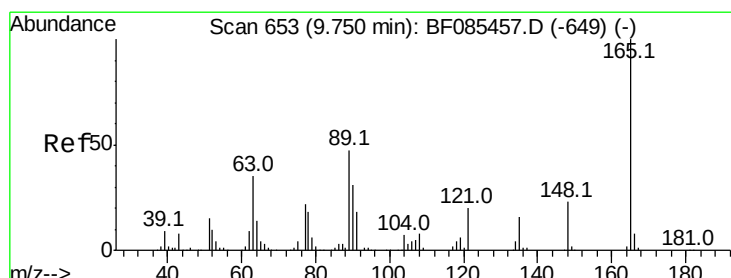
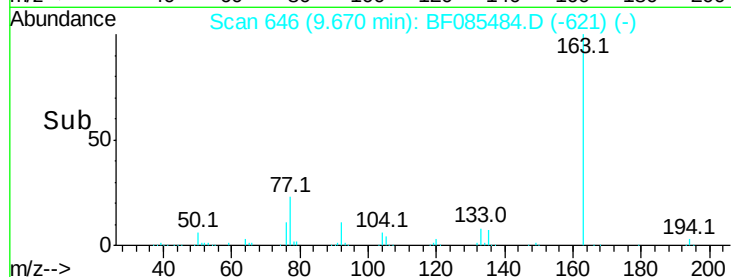
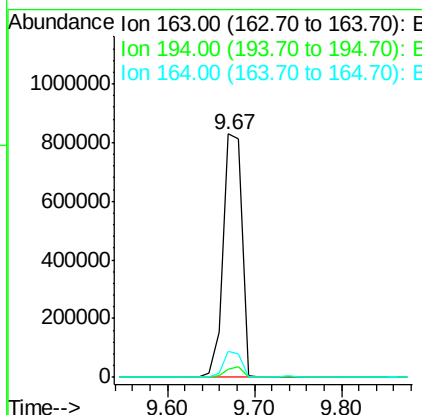
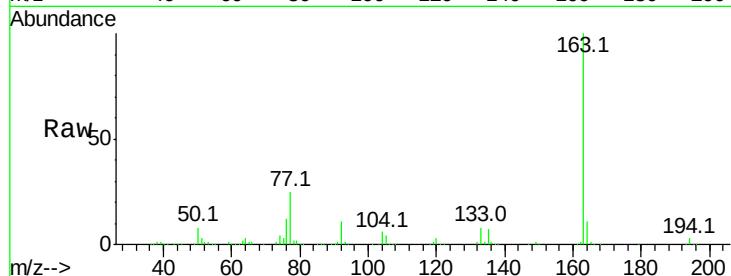
#49
Dimethylphthalate
Concen: 41.93 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1246086
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 10.9 8.2 12.4

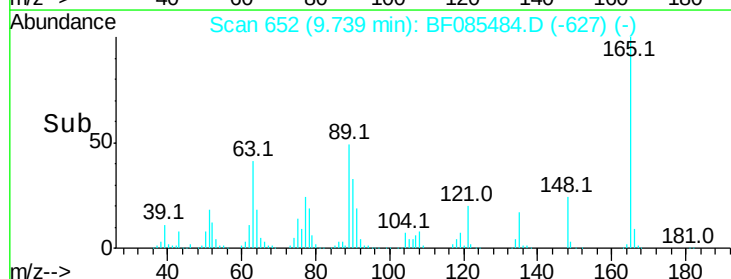
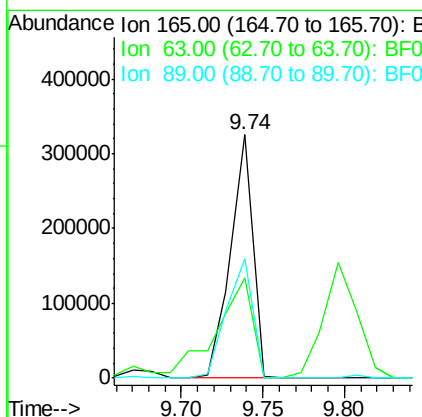
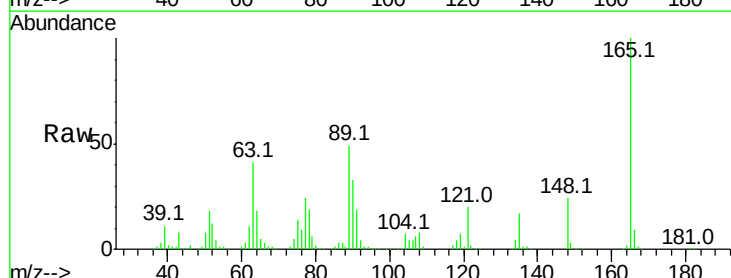
Manual Integrations
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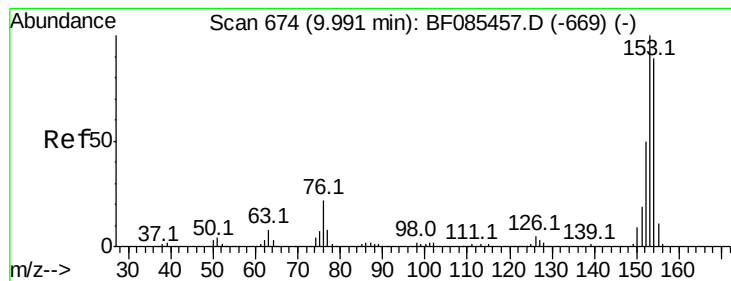
Sohil
3/17/2016 5:20:15 PM



#50
2,6-Dinitrotoluene
Concen: 46.96 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion:165 Resp: 308284
Ion Ratio Lower Upper
165 100
63 40.9 41.8 62.8#
89 49.0 46.7 70.1





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

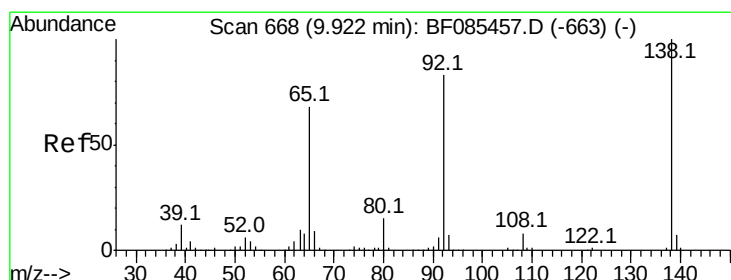
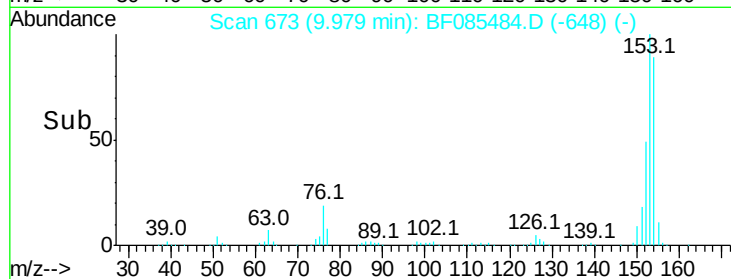
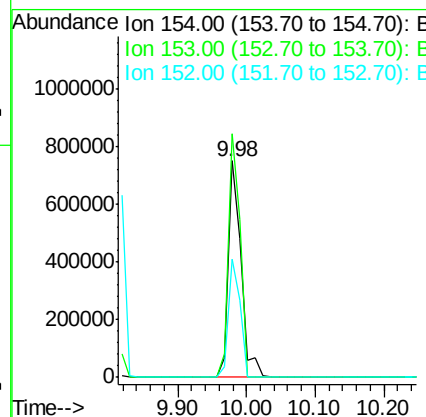
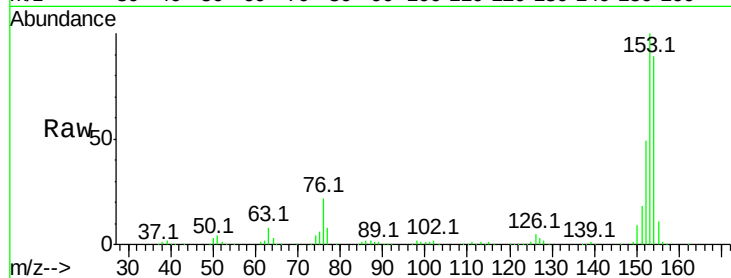
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	991278
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.8	134.8
152	55.0	44.6	66.8

Manual Integrations
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Sohil
3/17/2016 5:20:15 PM



#52

3-Nitroaniline

Concen: 43.16 ng

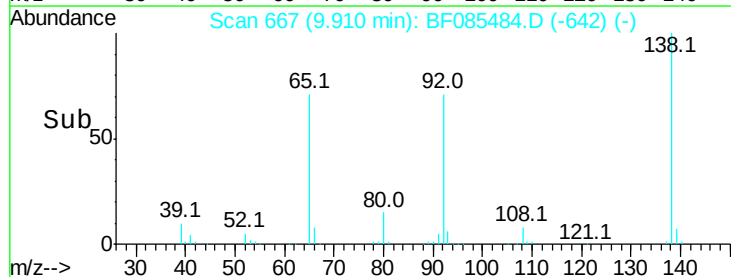
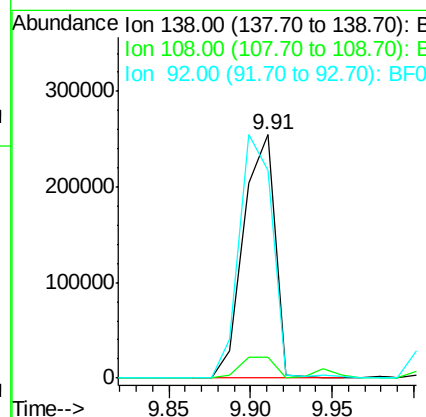
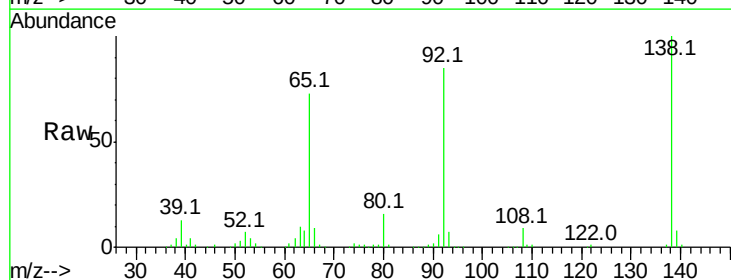
RT: 9.91 min Scan# 667

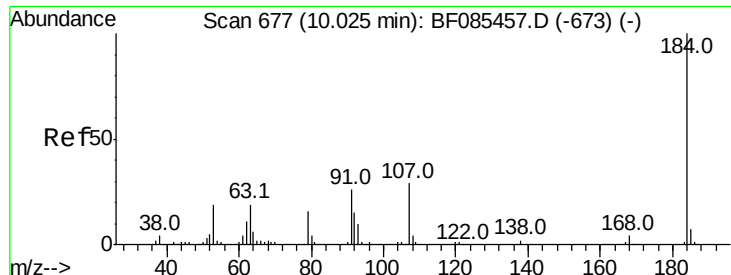
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	138	Resp:	338802
Ion Ratio	Lower	Upper	
138	100		
108	8.7	7.8	11.6
92	85.5	81.3	121.9





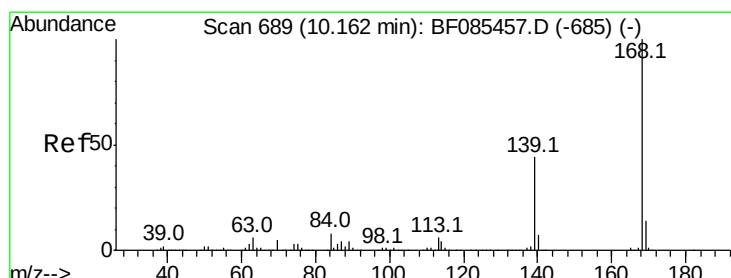
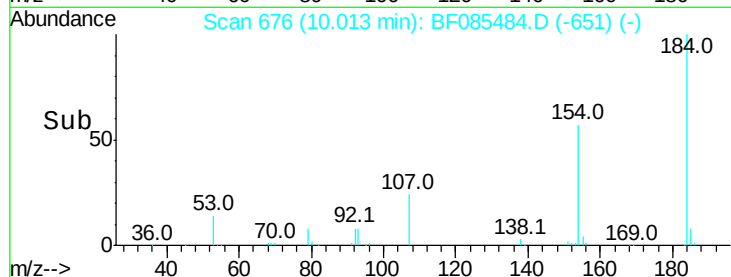
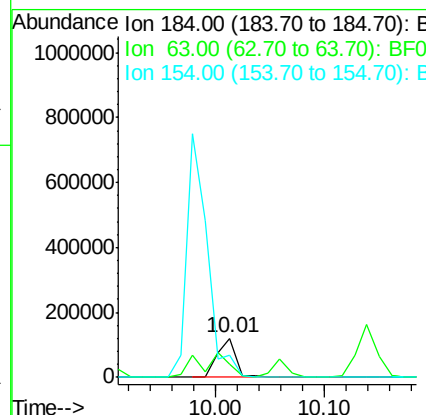
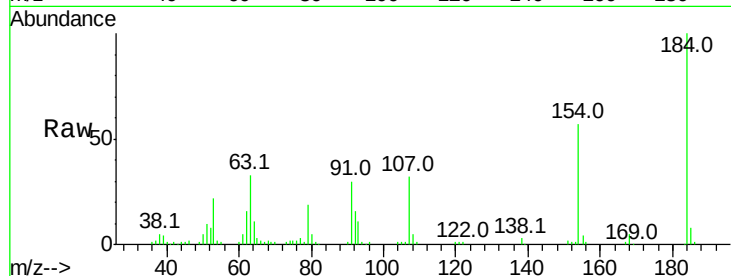
#53
 2,4-Dinitrophenol
 Concen: 44.14 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	33.3	82.2	123.4#
154	57.5	108.9	163.3#

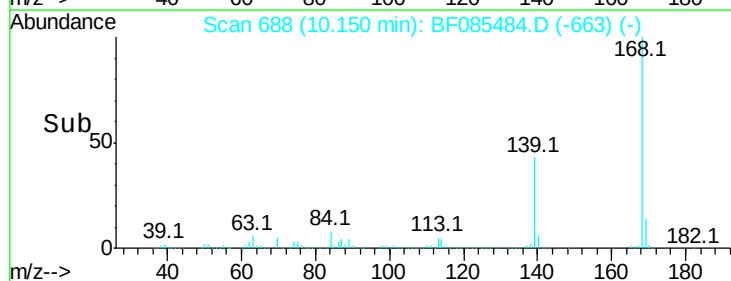
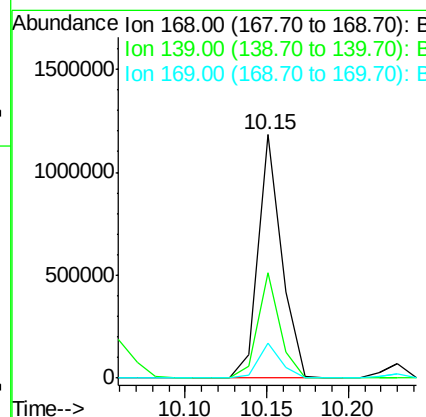
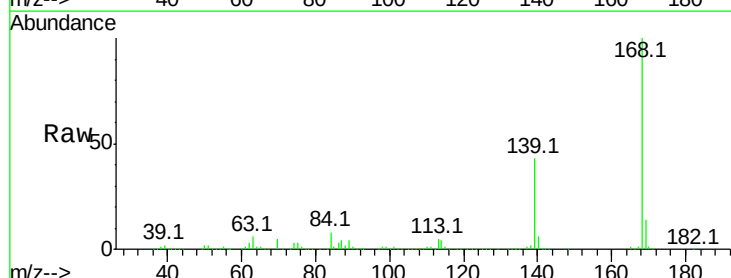
Manual Integrations
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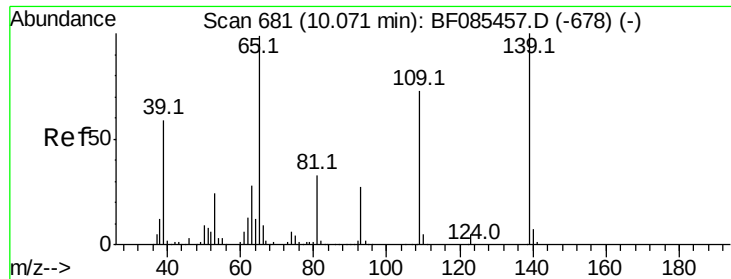
Sohil
 3/17/2016 5:20:15 PM



#54
 Dibenzofuran
 Concen: 38.02 ng
 RT: 10.15 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	33.6	50.4
169	14.1	11.2	16.8





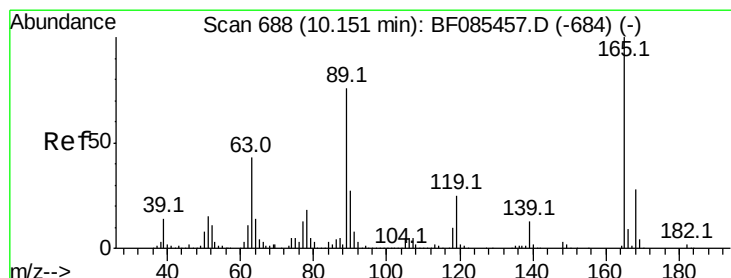
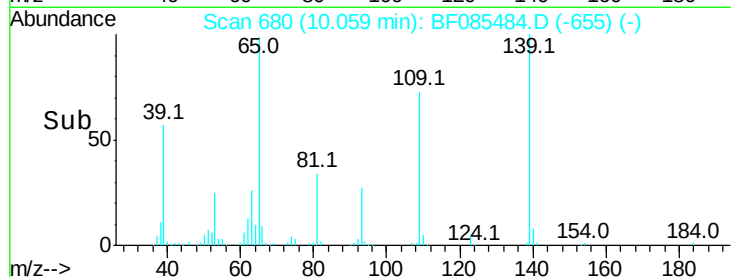
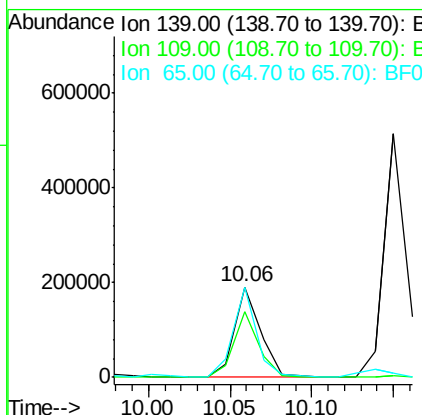
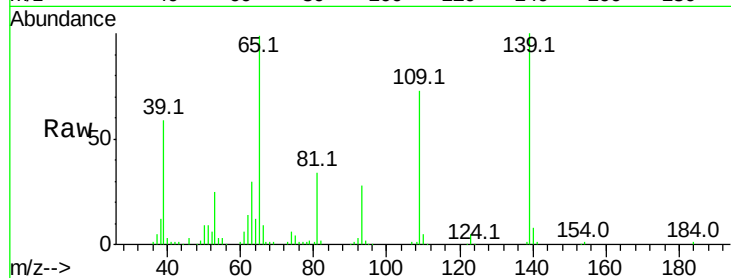
#55
4-Nitrophenol
Concen: 39.27 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	73.1	41.9	81.9
65	99.1	48.3	88.3#

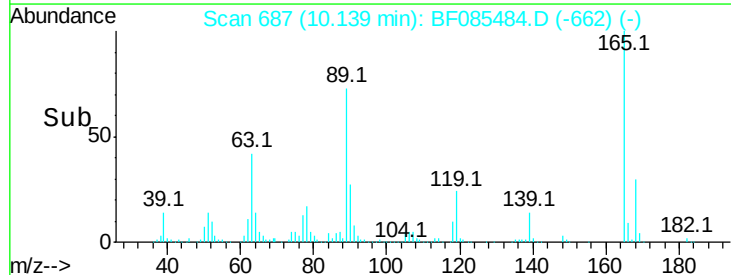
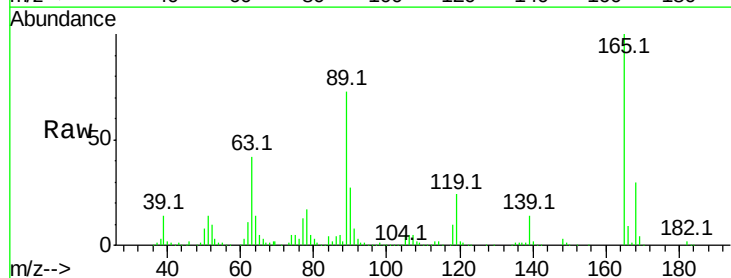
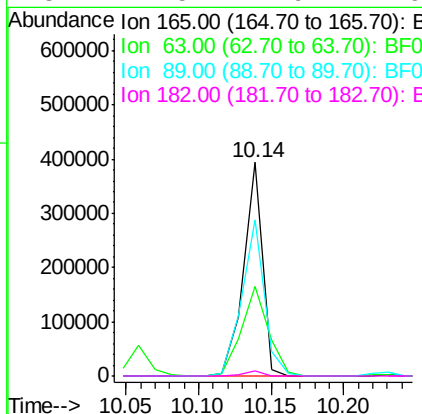
Manual Integrations
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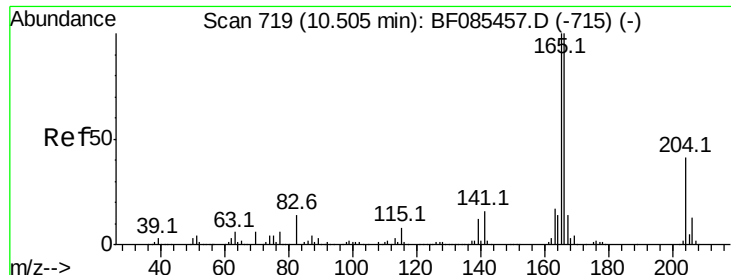
Sohil
3/17/2016 5:20:15 PM



#56
2,4-Dinitrotoluene
Concen: 43.17 ng
RT: 10.14 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.7	35.4	53.0
89	73.2	61.9	92.9
182	2.5	1.9	2.9





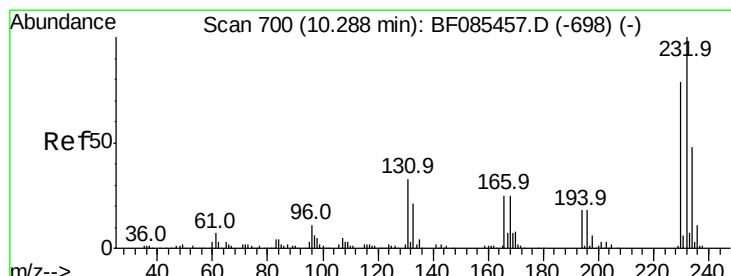
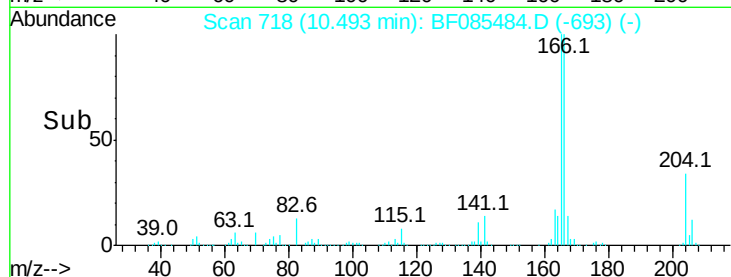
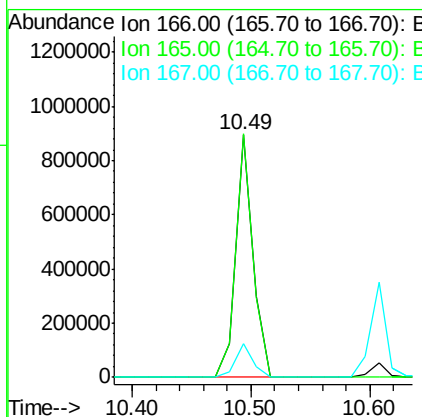
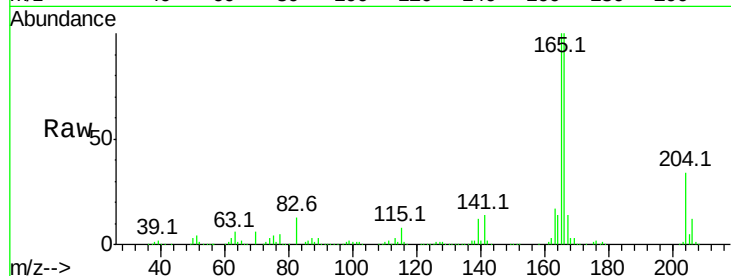
#57
 Fluorene
 Concen: 36.84 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.4	119.0	
167	13.9	11.0	16.6	

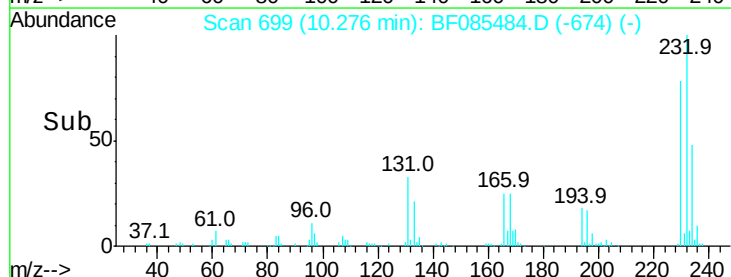
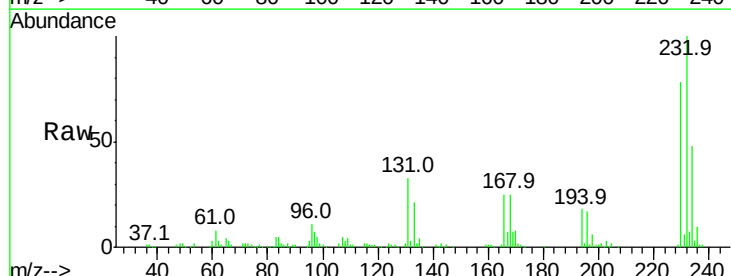
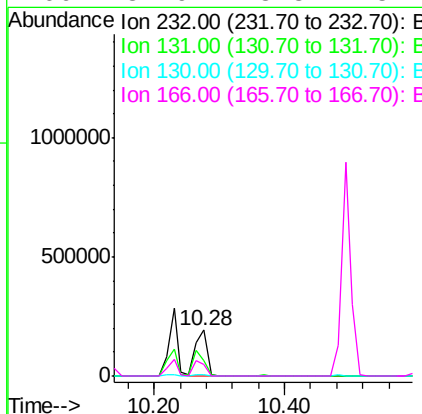
Manual Integrations
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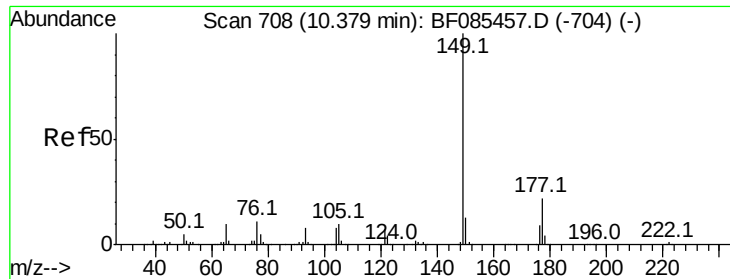
Sohil
 3/17/2016 5:20:15 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.65 ng
 RT: 10.28 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.2	46.0	69.0	
130	2.5	2.2	3.4	
166	31.9	28.8	43.2	





#59

Diethylphthalate

Concen: 37.62 ng

RT: 10.37 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 1082216

Ion Ratio Lower Upper

149 100

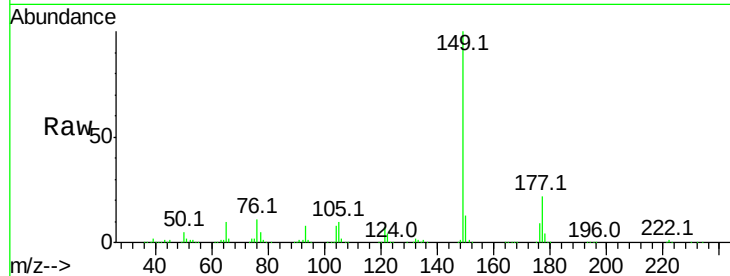
177 22.0 19.2 28.8

150 13.3 9.9 14.9

Manual Integrations
APPROVED

Sohil

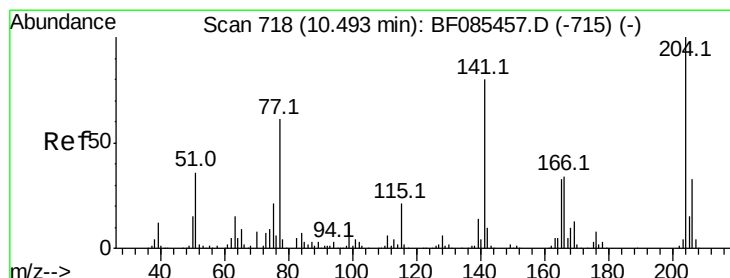
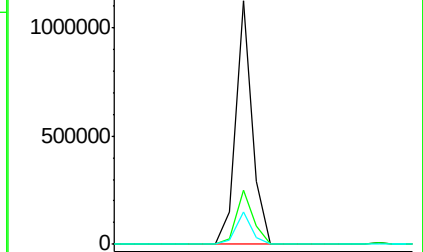
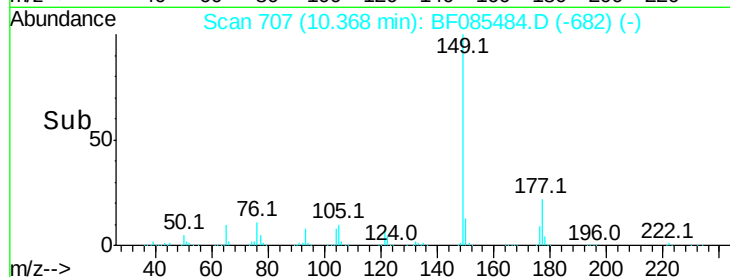
3/17/2016 5:20:15 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.12 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

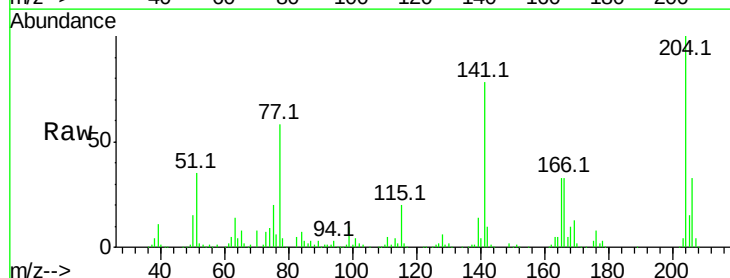
Tgt Ion:204 Resp: 486190

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

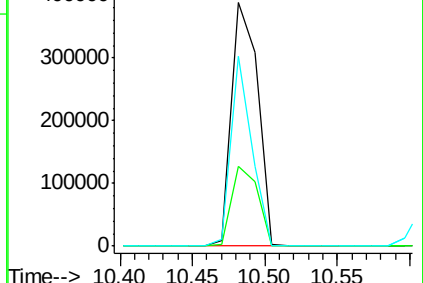
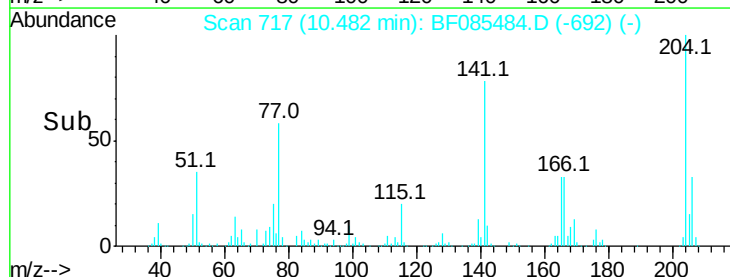
141 78.2 55.4 83.2

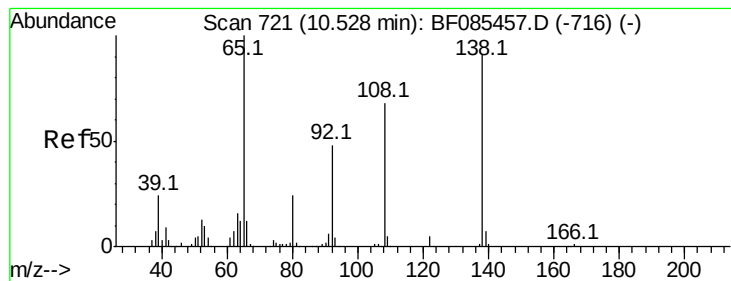


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





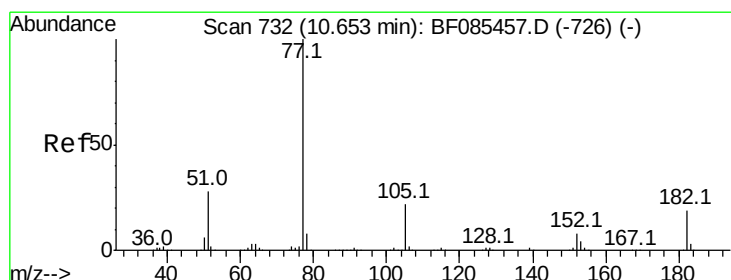
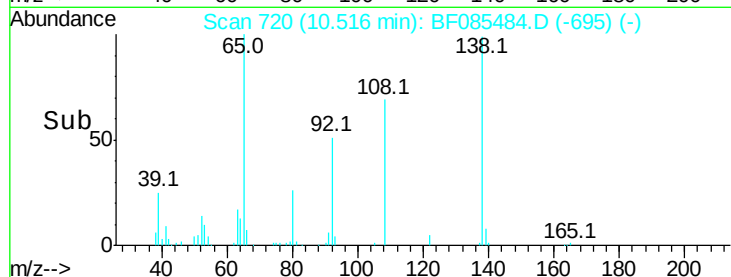
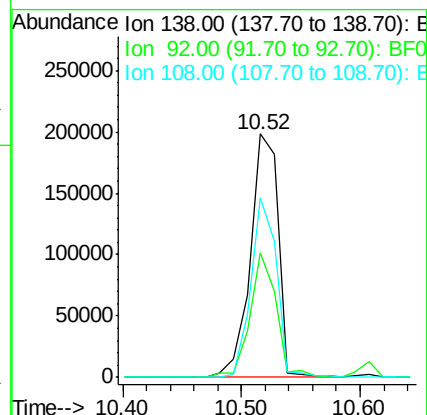
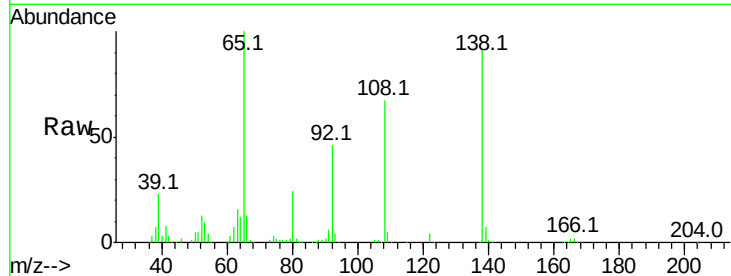
#61
4-Nitroaniline
Concen: 44.09 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	34.2	74.2
108	73.8	53.9	93.9

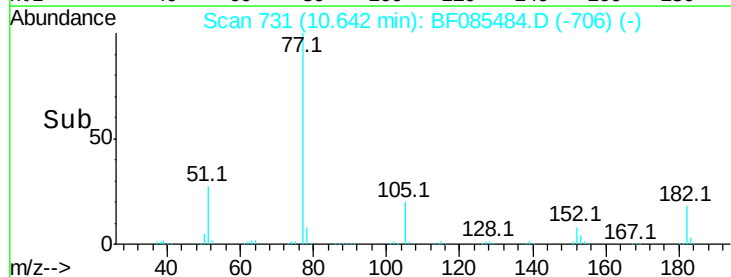
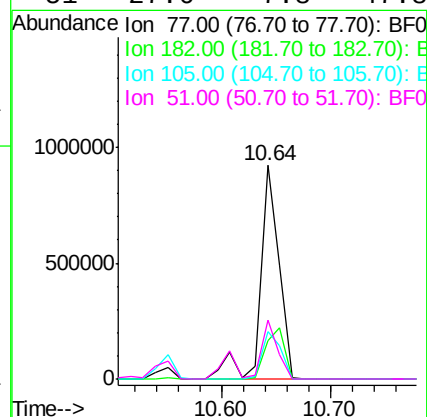
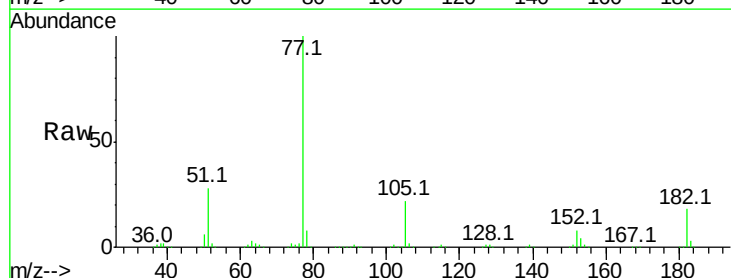
Manual Integrations
APPROVED

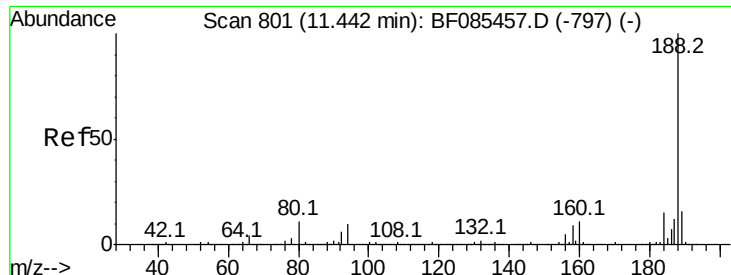
Sohil
3/17/2016 5:20:15 PM



#62
Azobenzene
Concen: 39.01 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.1	2.1	42.1
105	22.1	3.8	43.8
51	27.6	7.8	47.8





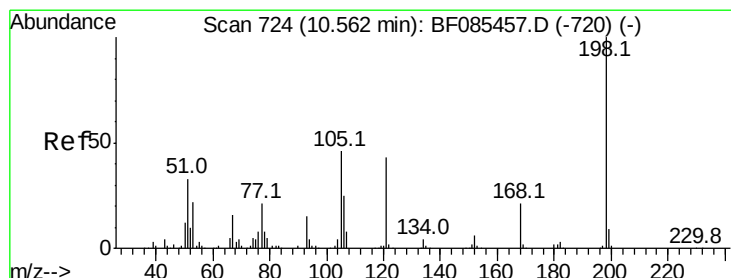
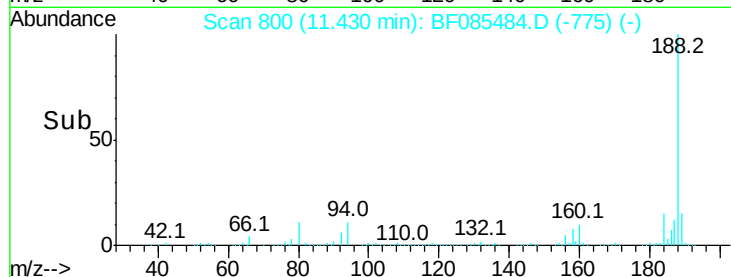
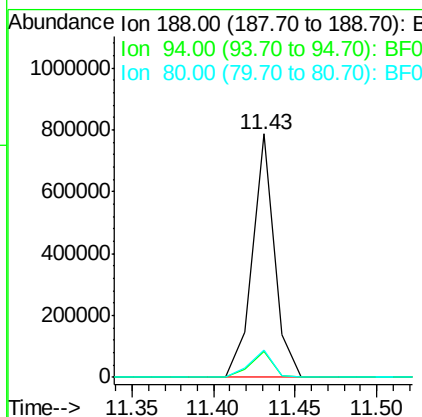
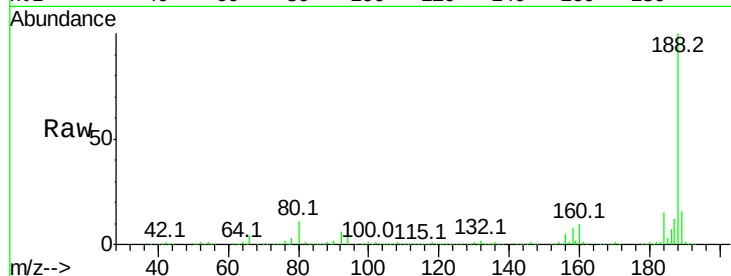
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.7	7.0	10.6#
80	11.0	7.4	11.0

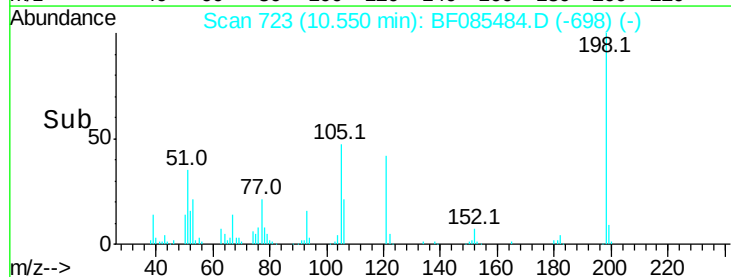
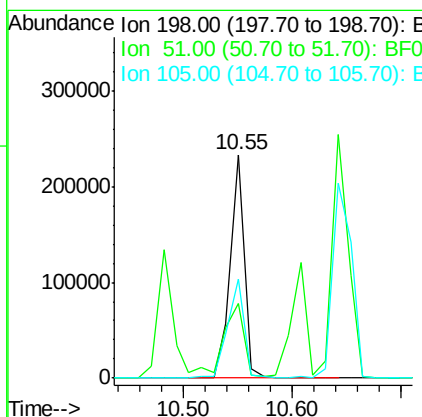
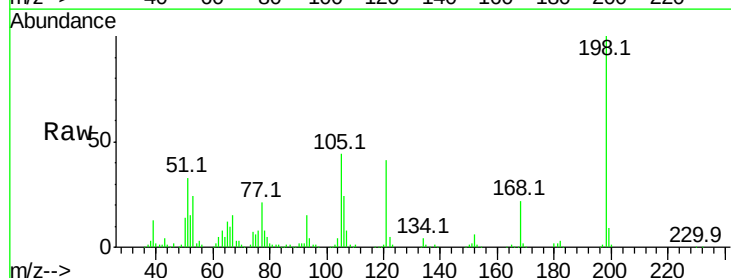
Manual Integrations
APPROVED

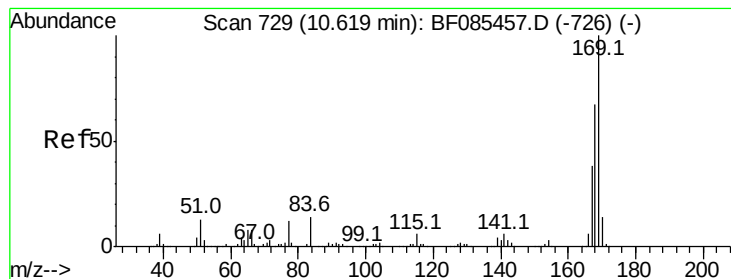
Sohil
3/17/2016 5:20:15 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.32 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.5	9.5	49.5
105	44.5	20.5	60.5





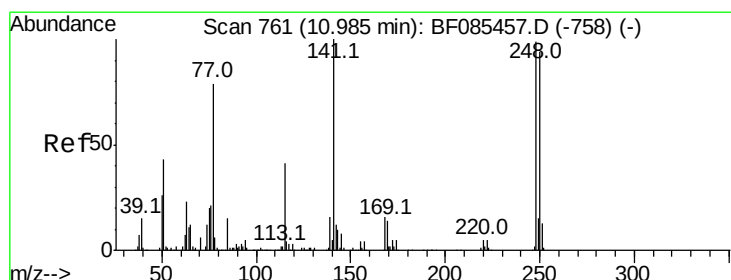
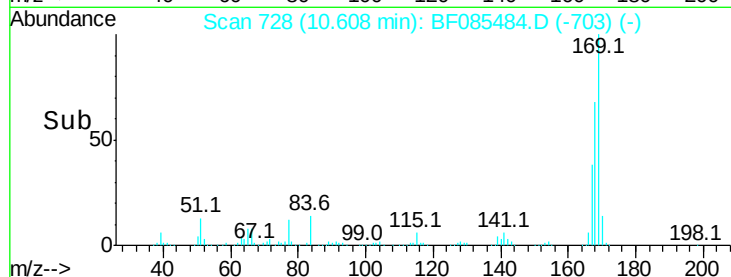
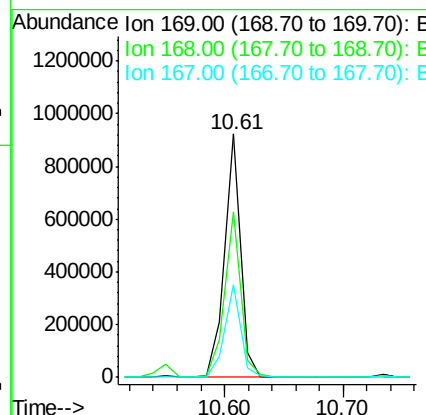
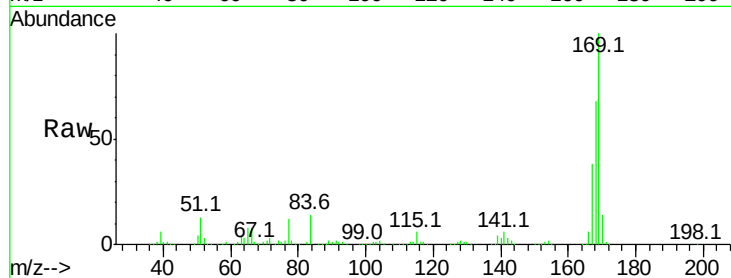
#65
n-Nitrosodiphenylamine
Concen: 37.52 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	853966		
168	68.0		54.8	82.2
167	38.0		30.3	45.5

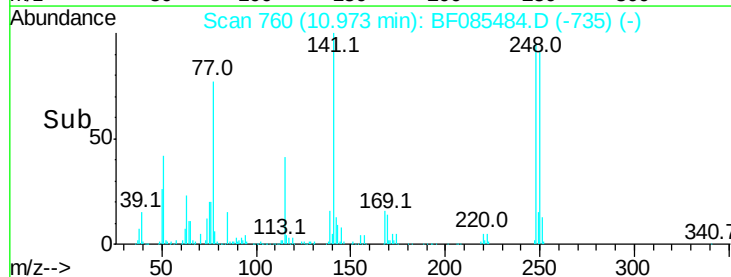
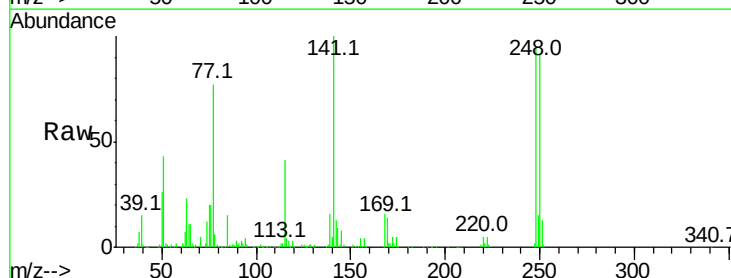
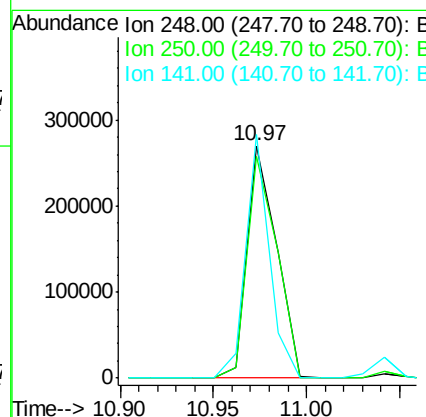
Manual Integrations
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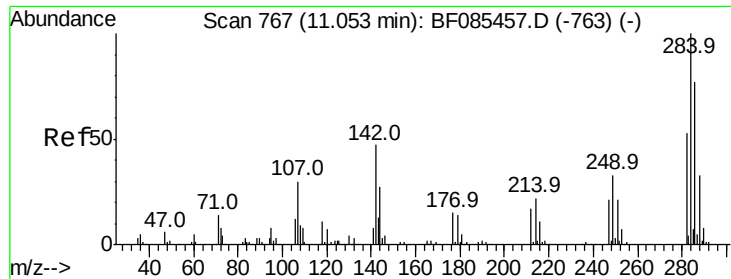
Sohil
3/17/2016 5:20:15 PM



#66
4-Bromophenyl-phenylether
Concen: 39.57 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	295814		
250	95.4		77.1	115.7
141	104.8		66.2	99.2#





#67

Hexachlorobenzene

Concen: 39.23 ng

RT: 11.04 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

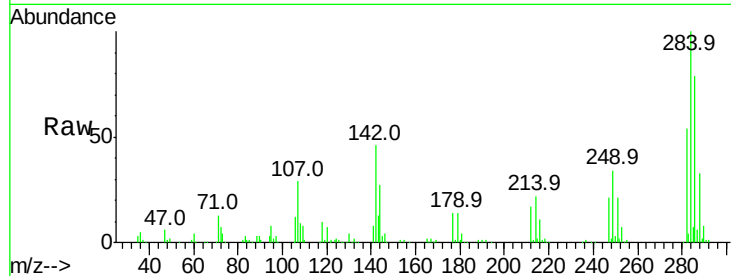
ClientSampleId :

SSTDCCC040

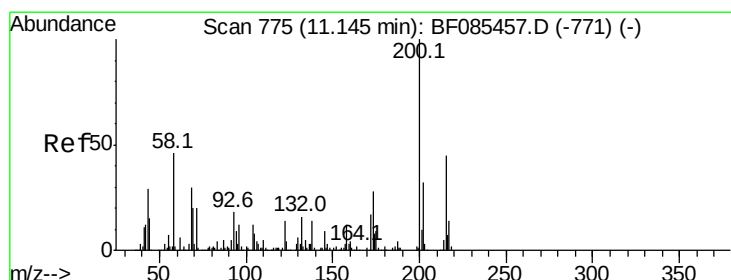
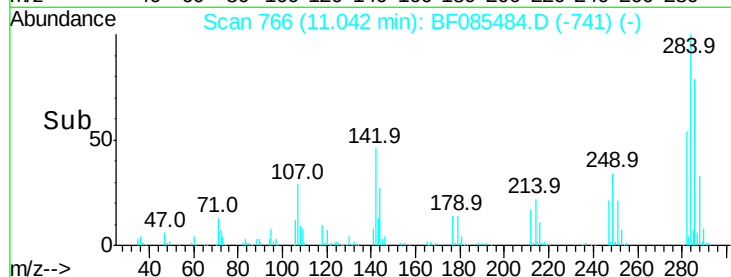
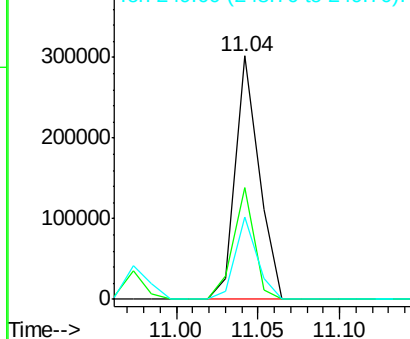
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	46.1	24.9	37.3#	
249	33.7	25.0	37.4	

Manual Integrations
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Sohil
3/17/2016 5:20:15 PM



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: 36.25 ng

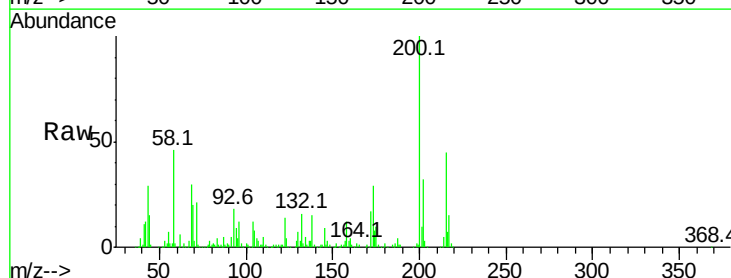
RT: 11.13 min Scan# 774

Delta R.T. -0.01 min

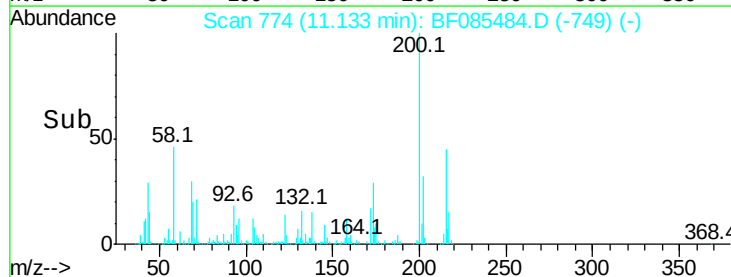
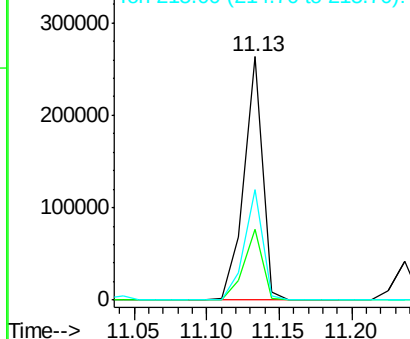
Lab File: BF085484.D

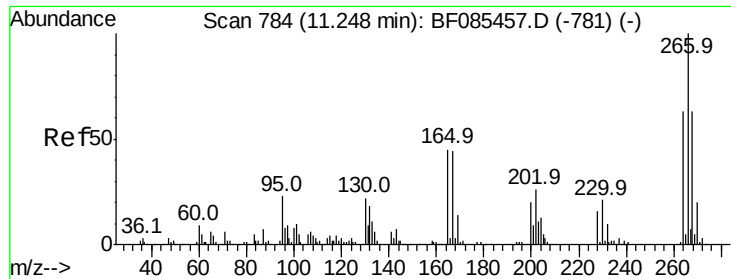
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.8	10.5	50.5	
215	45.2	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





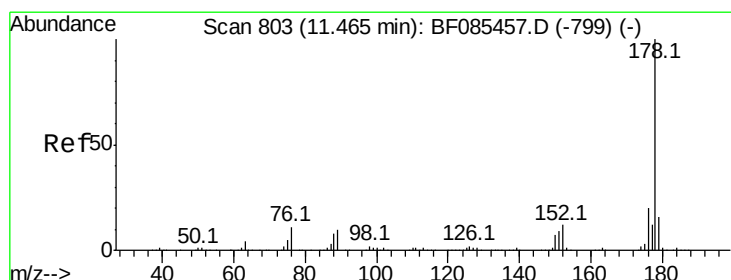
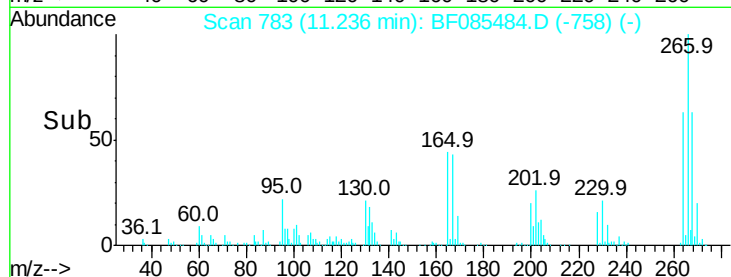
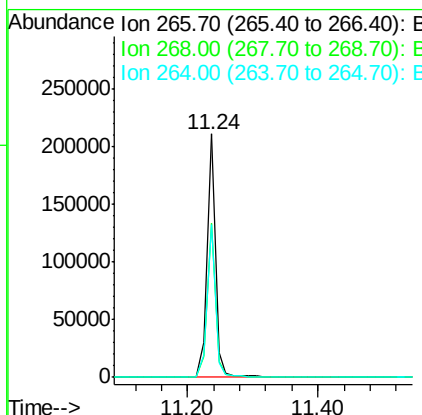
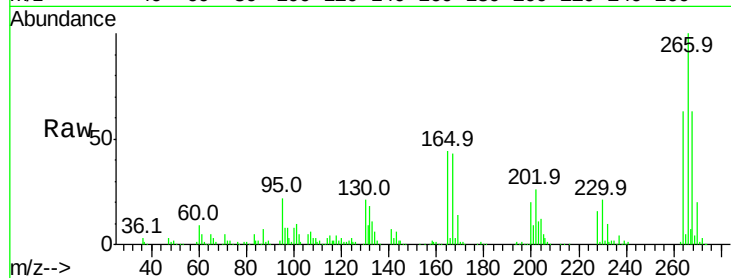
#69
 Pentachlorophenol
 Concen: 46.57 ng
 RT: 11.24 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	190419		
268	63.5	50.0	75.0	
264	62.9	51.4	77.2	

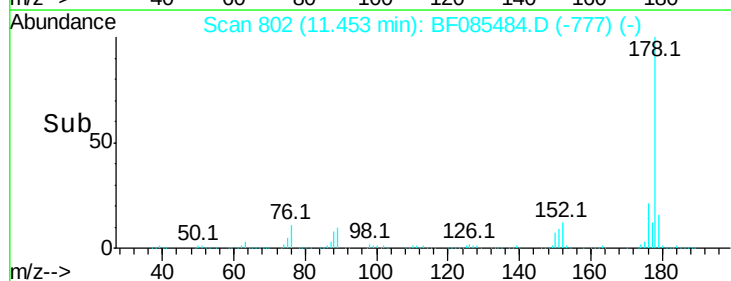
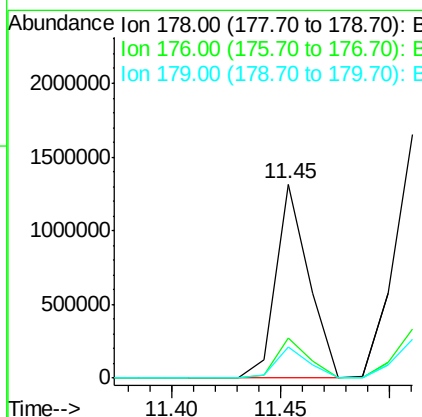
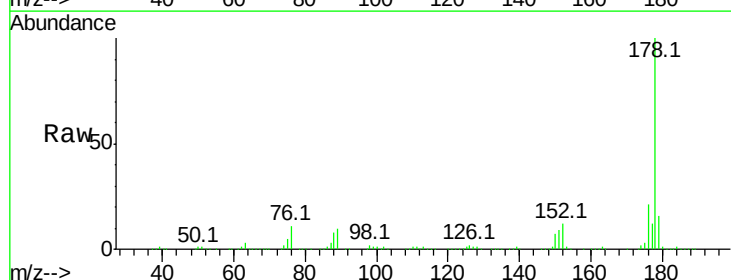
Manual Integrations
 APPROVED

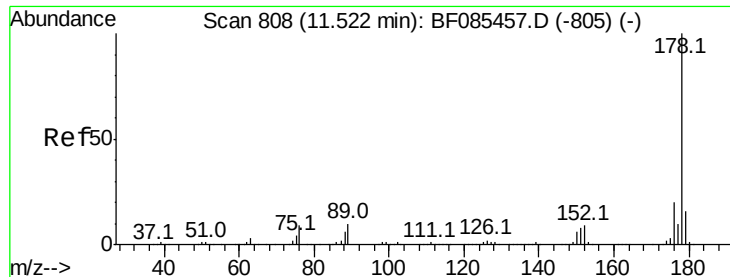
Sohil
 3/17/2016 5:20:15 PM



#70
 Phenanthrene
 Concen: 36.09 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1388258		
176	20.6	16.8	25.2	
179	16.4	13.1	19.7	





#71
 Anthracene
 Concen: 40.24 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

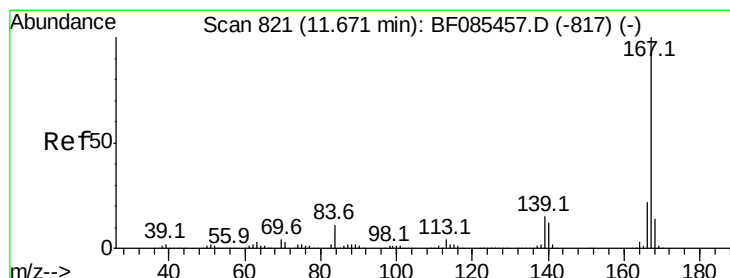
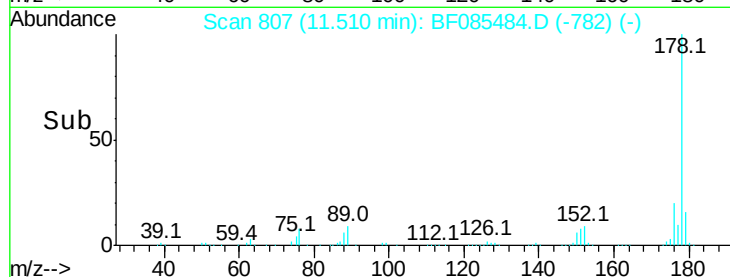
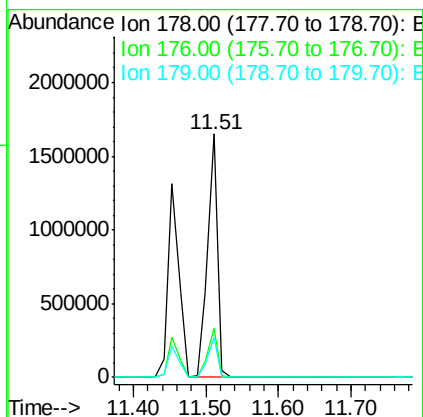
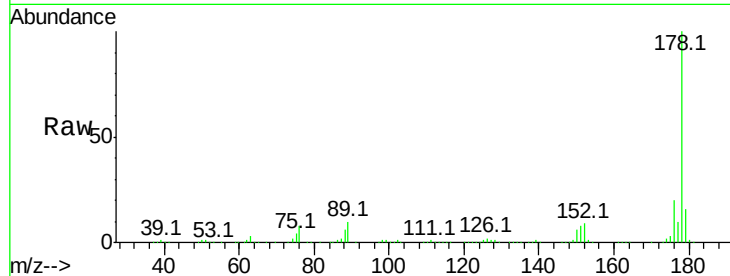
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1576918

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.2	12.5	18.7

Manual Integrations
 APPROVED

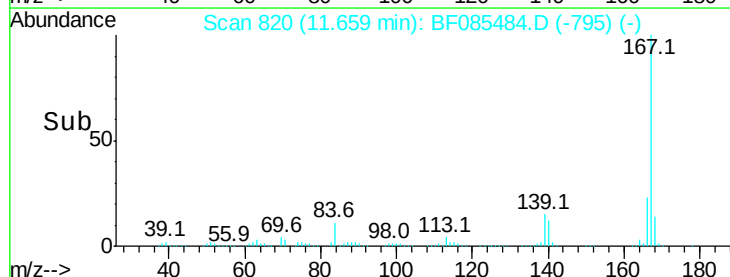
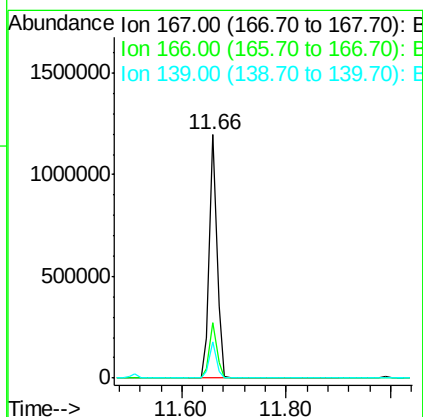
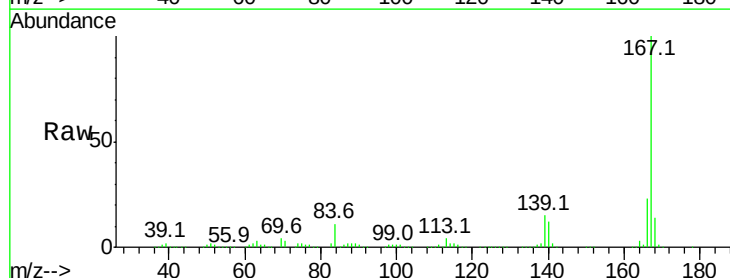
Sohil
 3/17/2016 5:20:15 PM

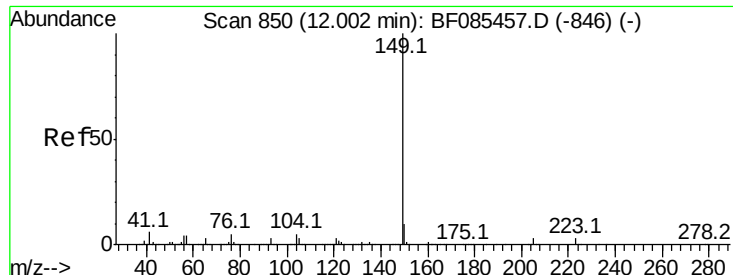


#72
 Carbazole
 Concen: 36.82 ng
 RT: 11.66 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion:167 Resp: 1220786

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	15.1	11.4	17.0





#73

Di-n-butylphthalate

Concen: 39.97 ng

RT: 11.99 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1641931

Ion Ratio Lower Upper

149 100

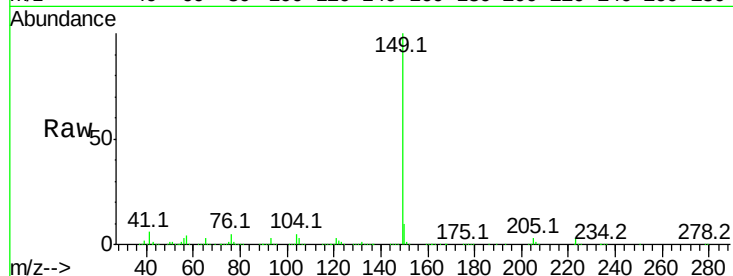
150 9.9 7.8 11.6

104 5.3 4.7 7.1

Manual Integrations
APPROVED

Sohil

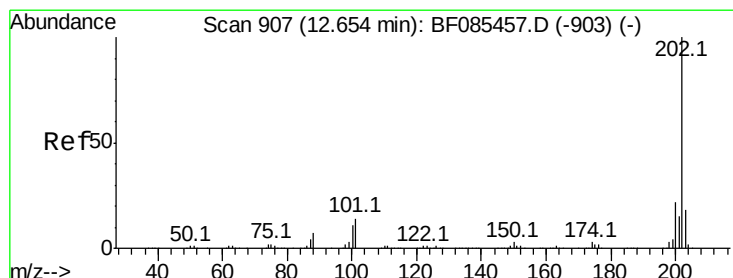
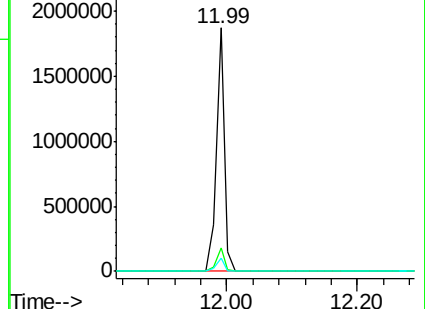
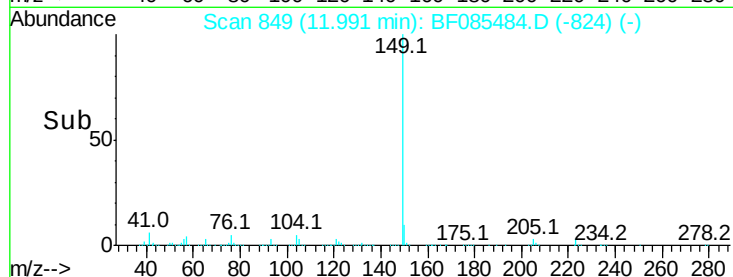
3/17/2016 5:20:15 PM



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: 37.71 ng

RT: 12.64 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

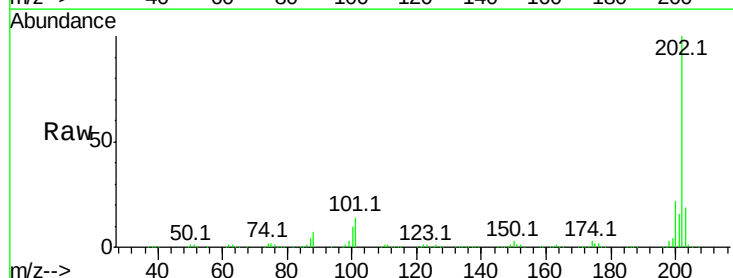
Tgt Ion:202 Resp: 1363837

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.8

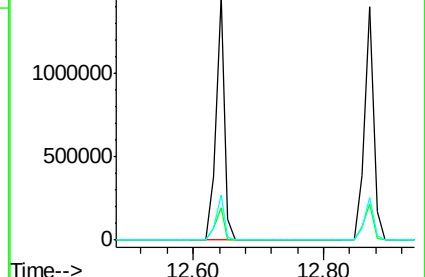
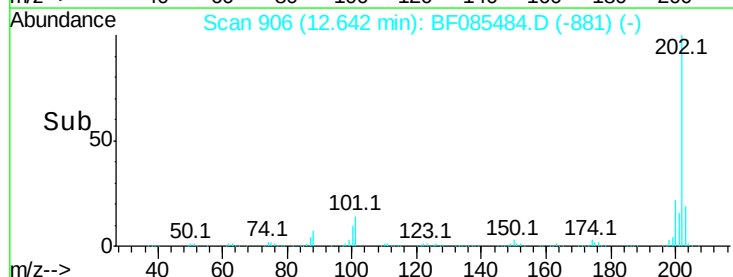
203 18.6 0.0 38.4

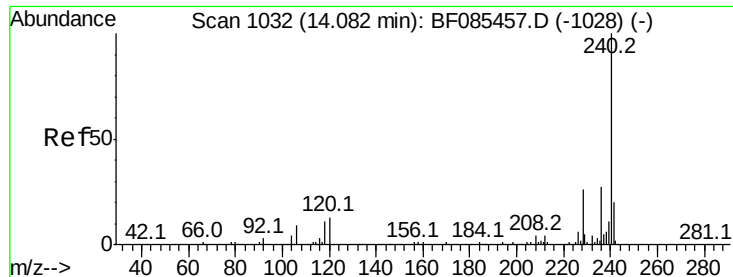


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

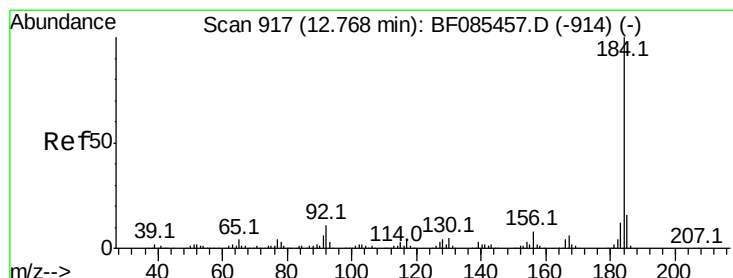
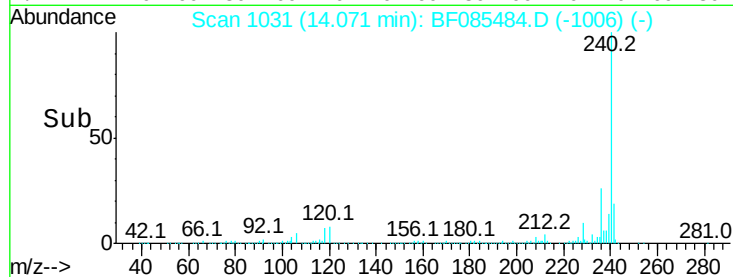
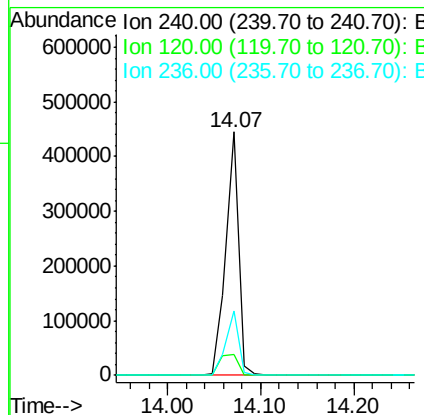
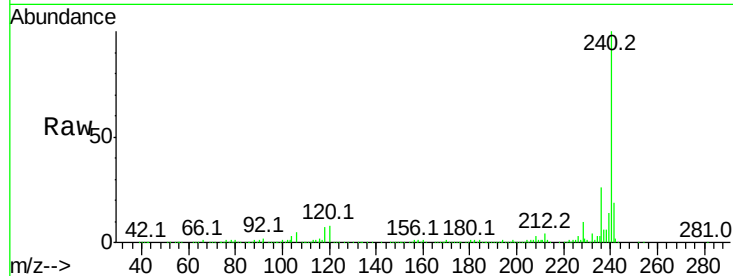
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.3	7.9#
236	26.5	20.7	31.1

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3/17/2016 5:20:15 PM



#76

Benzidine

Concen: 42.06 ng

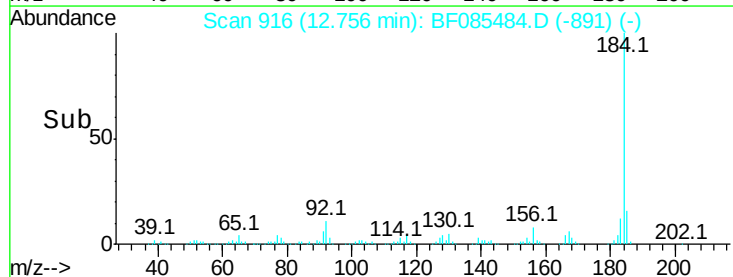
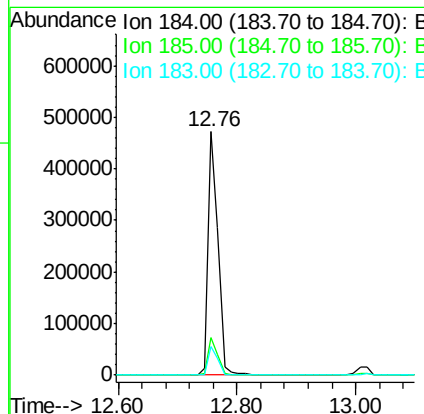
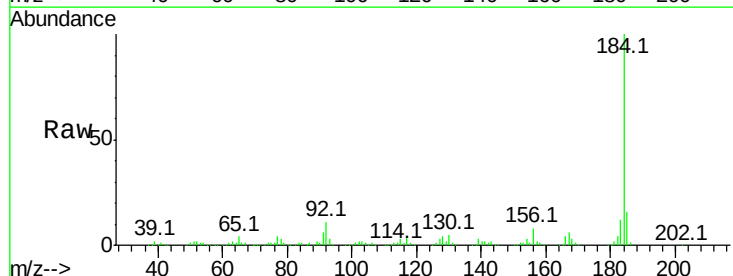
RT: 12.76 min Scan# 916

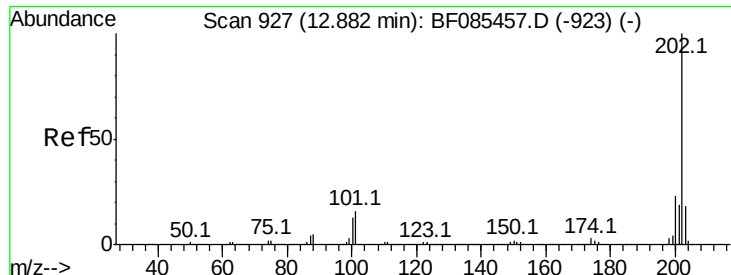
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.4	18.6
183	11.7	9.4	14.2





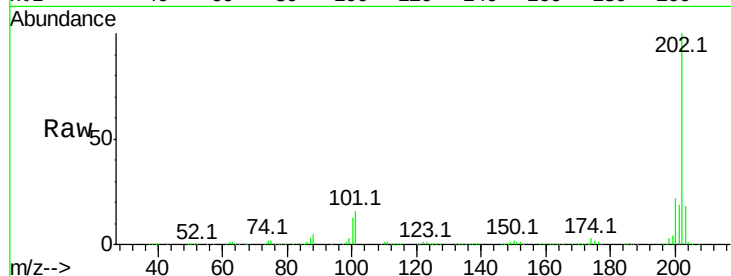
#77
Pvrene
Concen: 42.61 ng
RT: 12.87 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

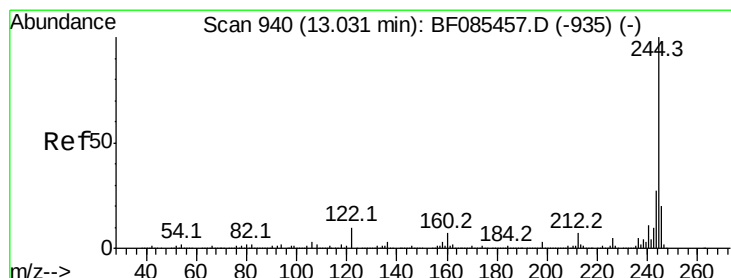
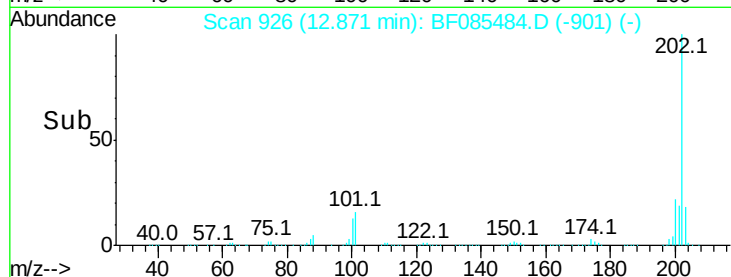
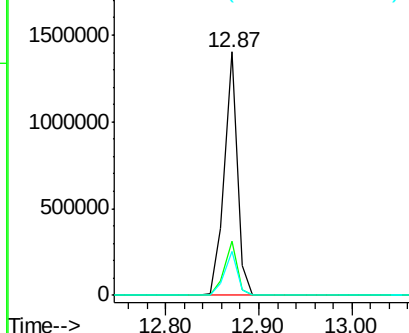
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	18.1	14.7	22.1

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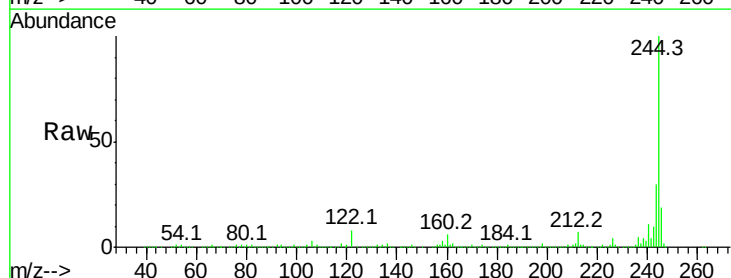


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

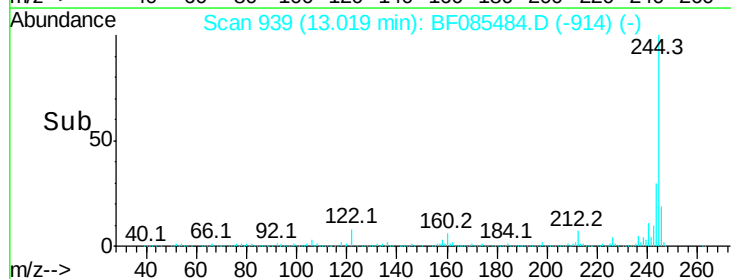
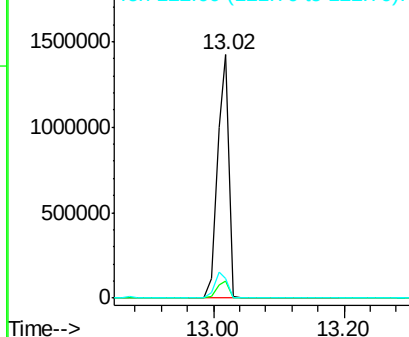


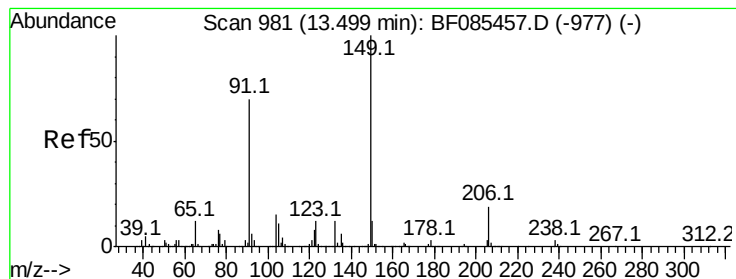
#78
Terphenyl-d14
Concen: 93.54 ng
RT: 13.02 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	8.0	11.4	17.2



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





#79

Butylbenzylphthalate

Concen: 46.84 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

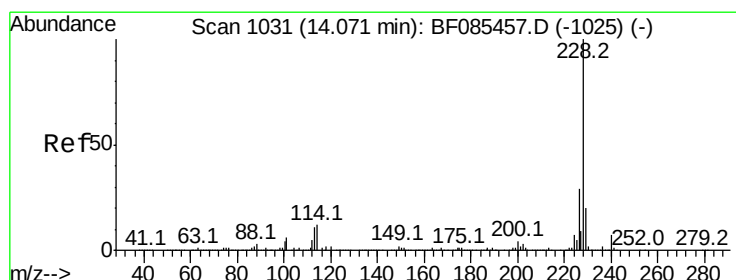
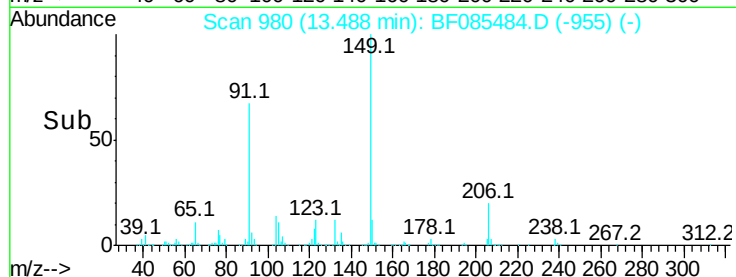
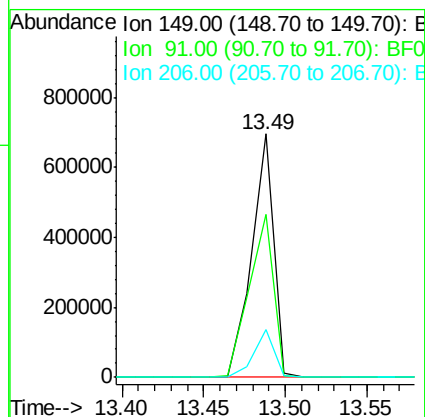
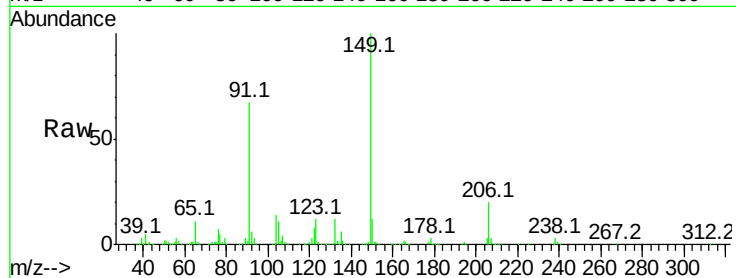
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	653841
Ion Ratio	Lower	Upper	
149	100		
91	67.1	69.0	103.4#
206	19.7	12.3	18.5#

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#80

Benzo(a)anthracene

Concen: 39.06 ng

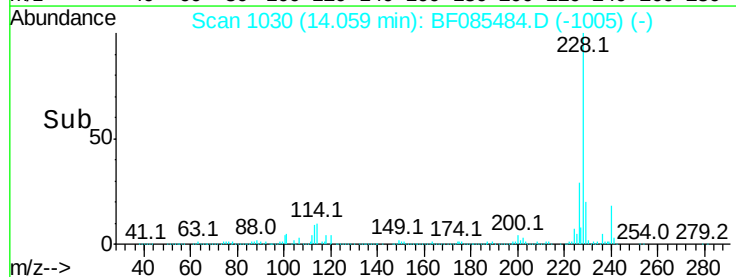
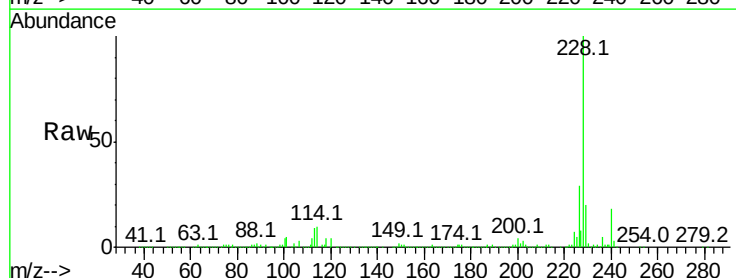
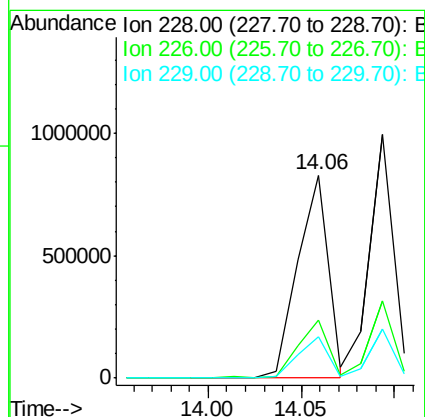
RT: 14.06 min Scan# 1030

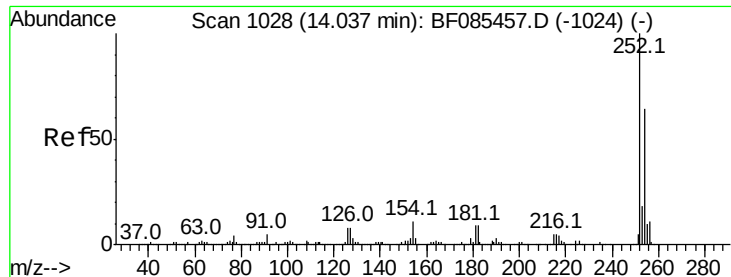
Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Tgt Ion:	228	Resp:	953256
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.8	34.2
229	20.2	16.6	24.8





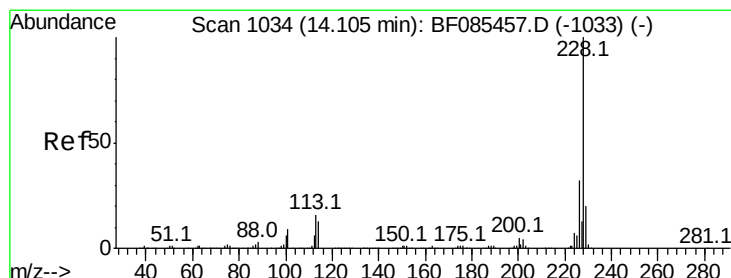
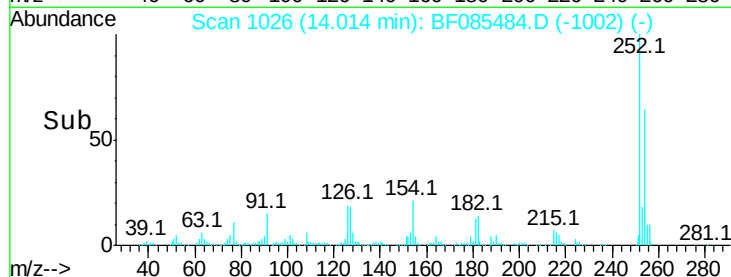
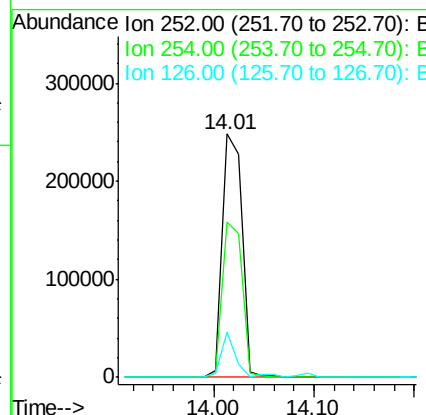
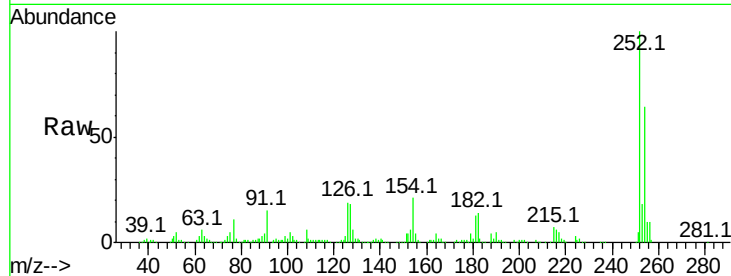
#81
 3,3'-Dichlorobenzidine
 Concen: 41.02 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.7	51.4	77.0	
126	18.7	12.9	19.3	

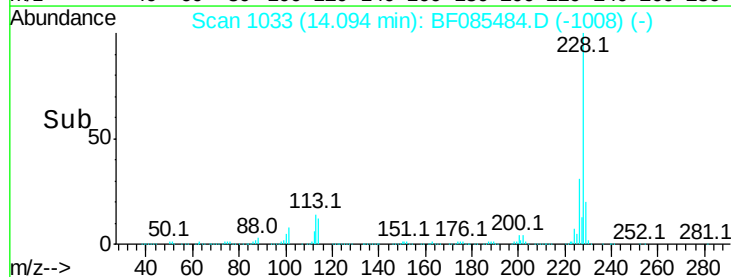
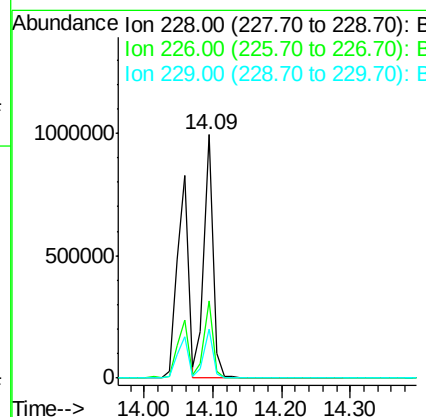
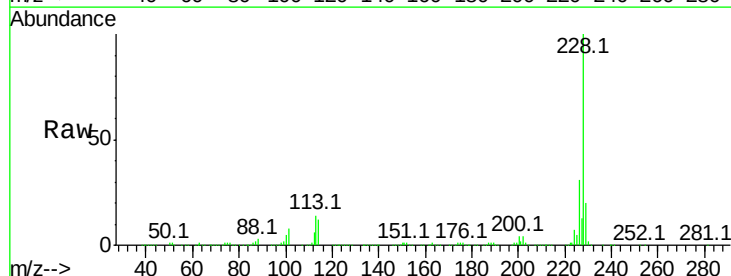
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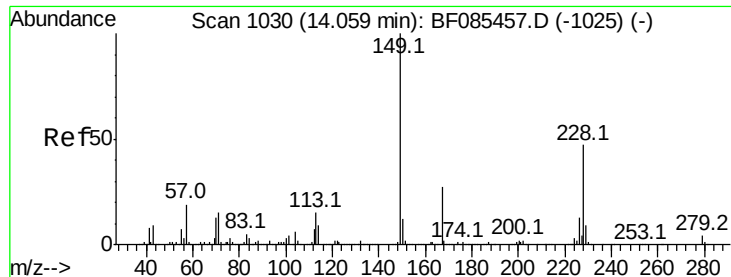
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#82
 Chrysene
 Concen: 41.00 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.5	25.2	37.8	
229	20.0	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.32 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 771760

Ion Ratio Lower Upper

149 100

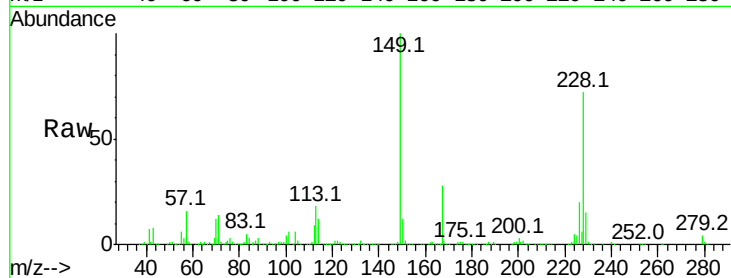
167 27.6 20.3 30.5

279 4.5 1.9 2.9#

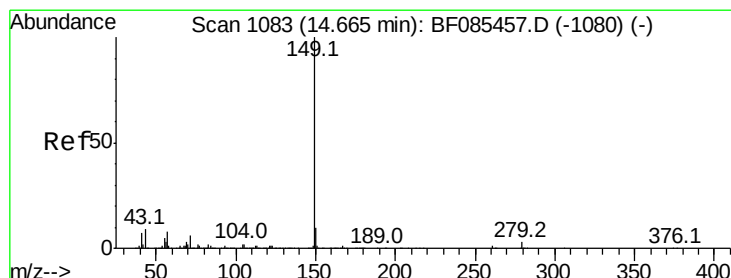
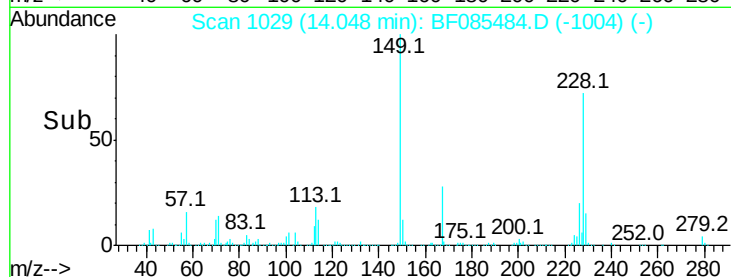
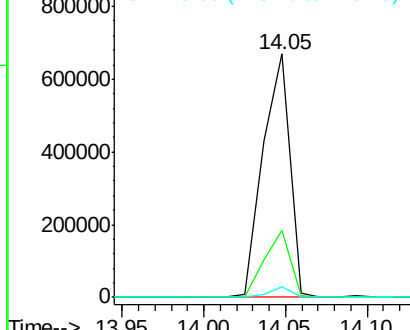
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.18 ng

RT: 14.65 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF085484.D

Acq: 17 Mar 2016 1:49

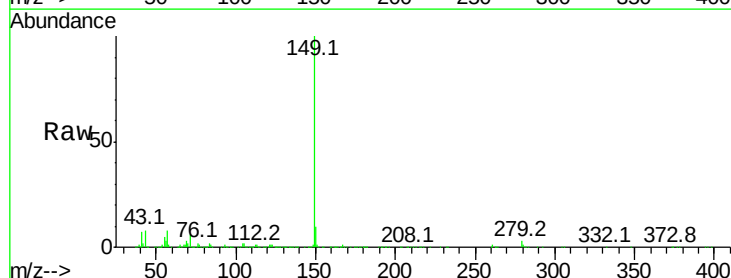
Tgt Ion:149 Resp: 1123326

Ion Ratio Lower Upper

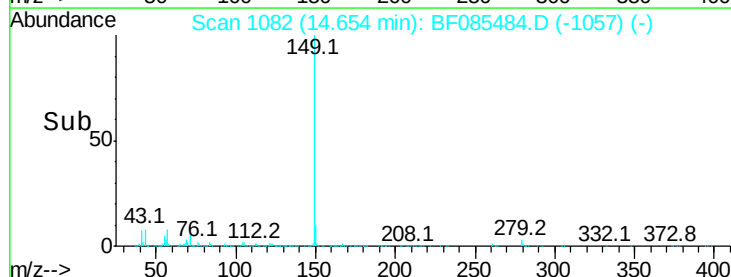
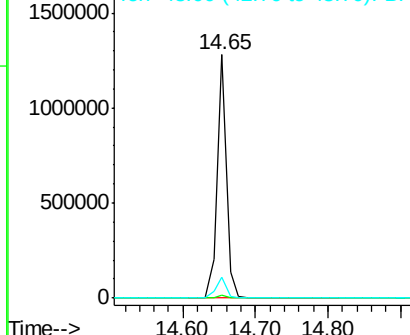
149 100

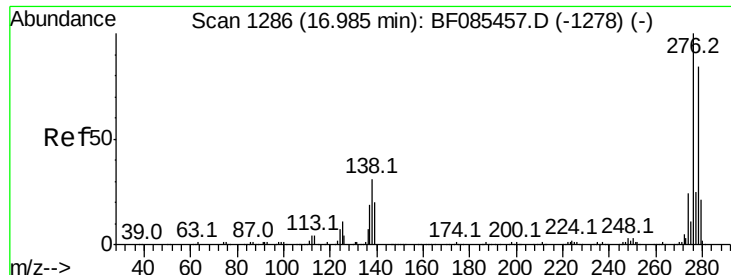
167 1.5 1.1 1.7

43 9.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





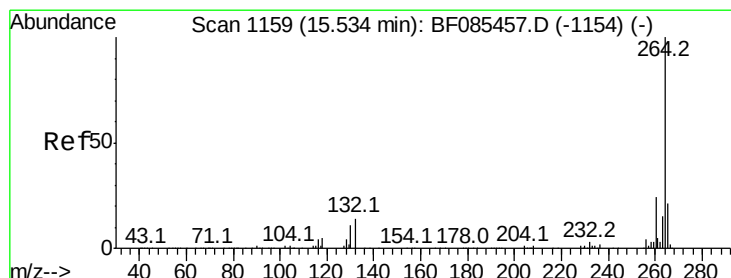
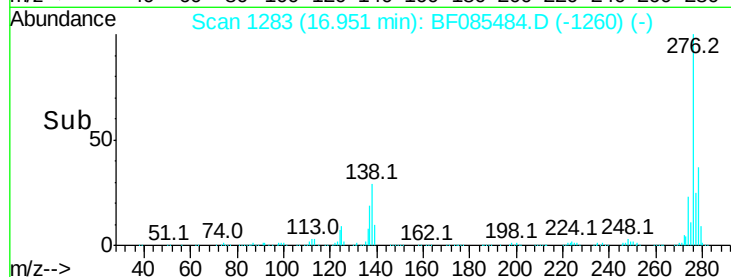
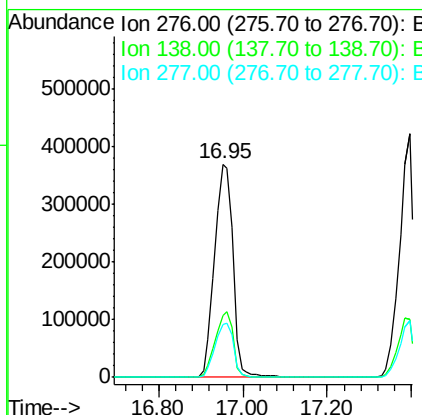
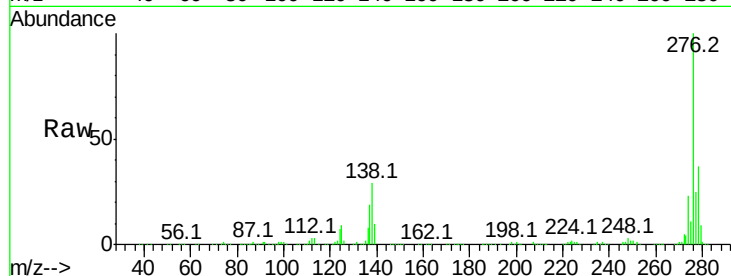
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.63 ng
 RT: 16.95 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	26.4	39.6
277	25.5	20.2	30.2

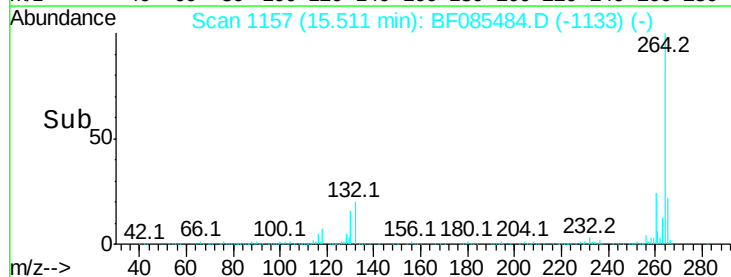
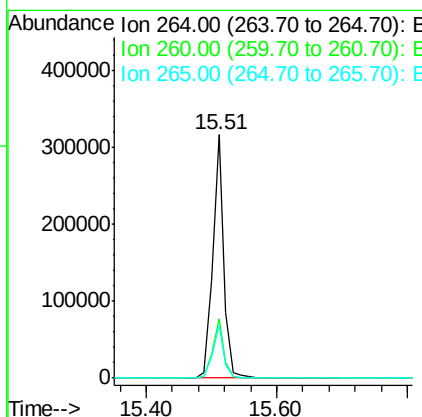
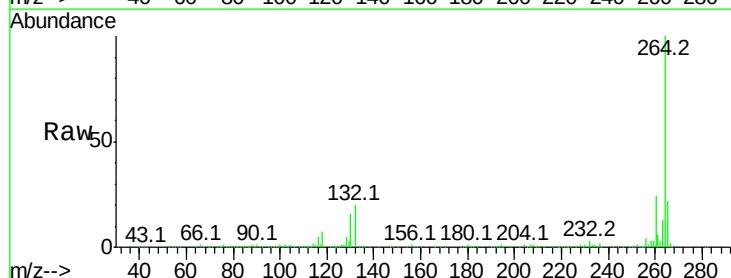
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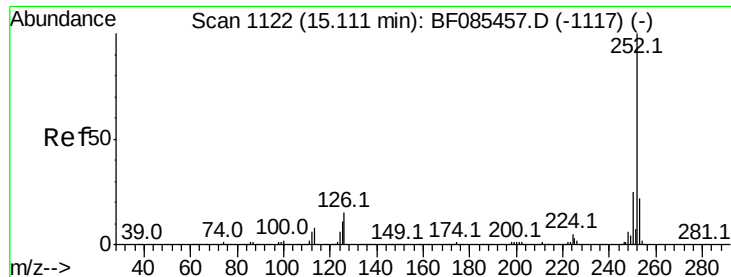
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.3	25.9





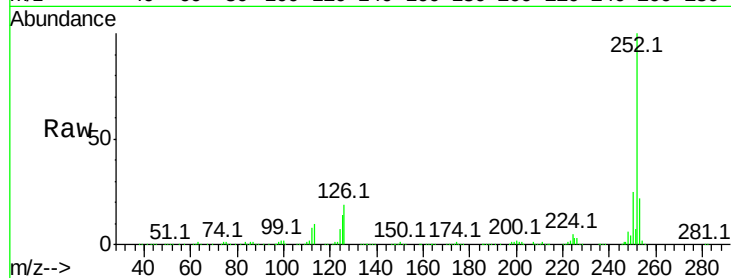
#87
Benzo(b)fluoranthene
Concen: 38.98 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.8	11.3	16.9

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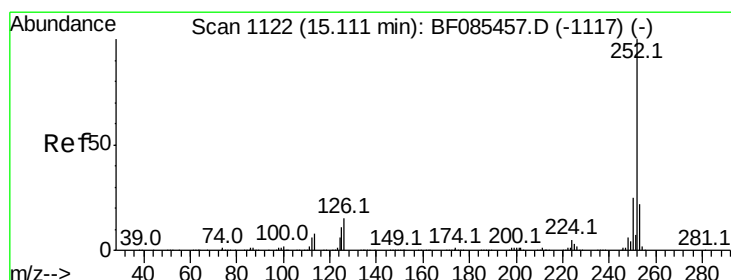
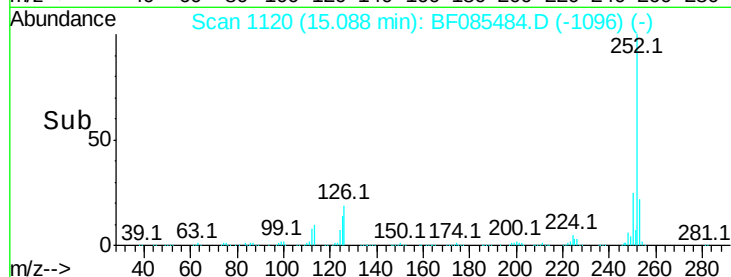
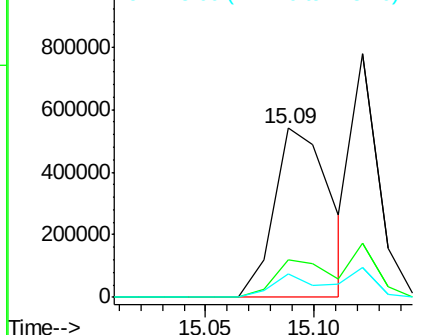


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 34.28 ng m
RT: 15.12 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

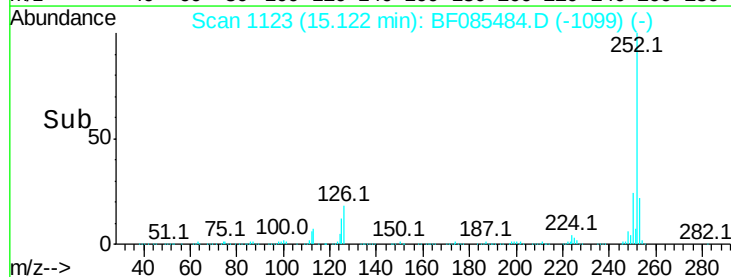
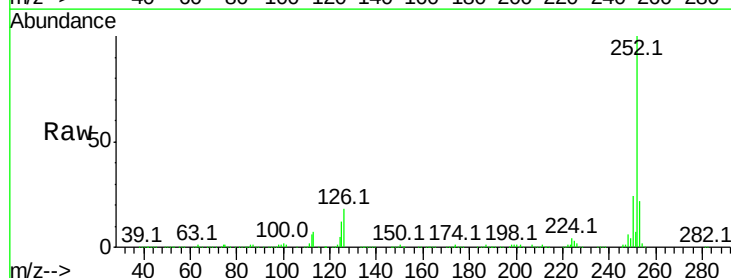
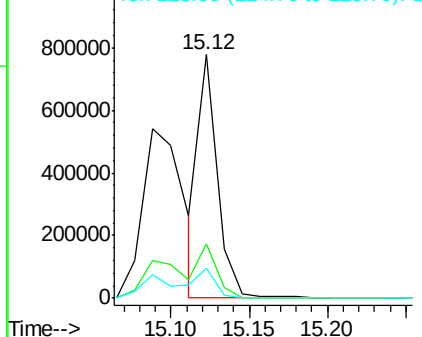
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.0	10.4	15.6

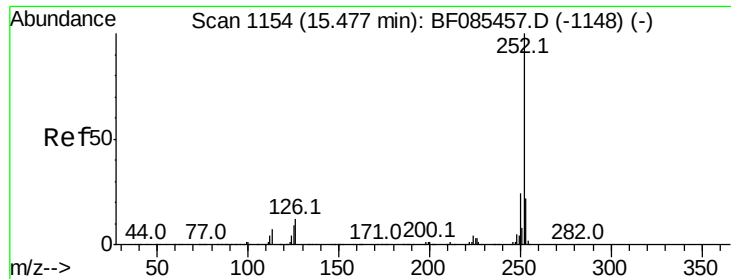
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





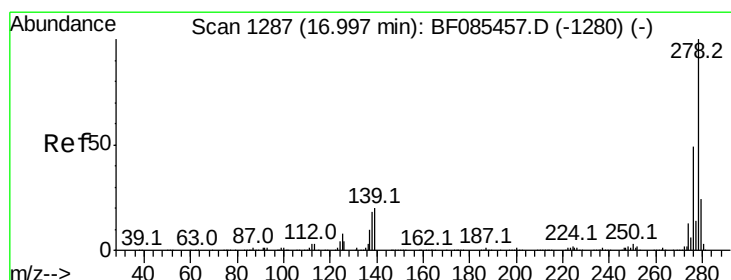
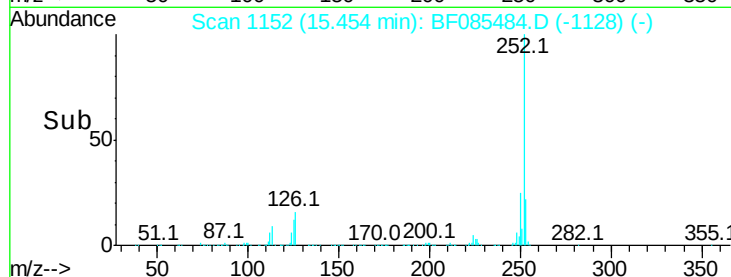
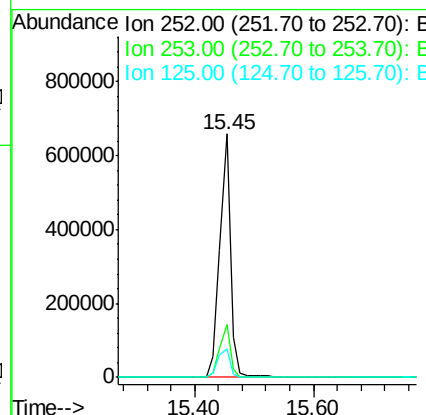
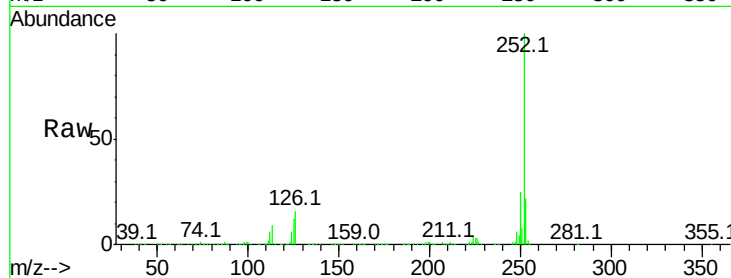
#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.8	8.2	12.4

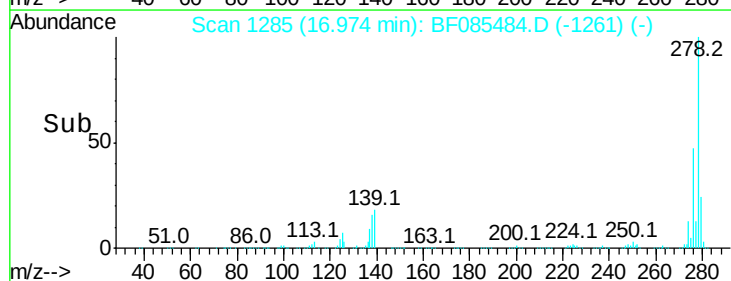
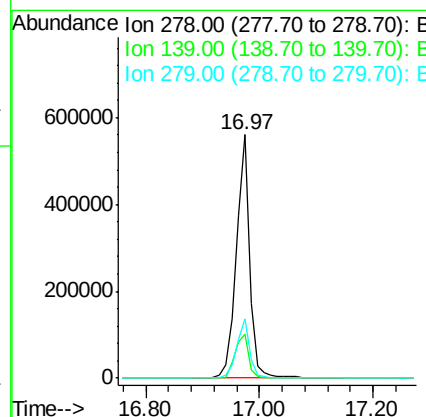
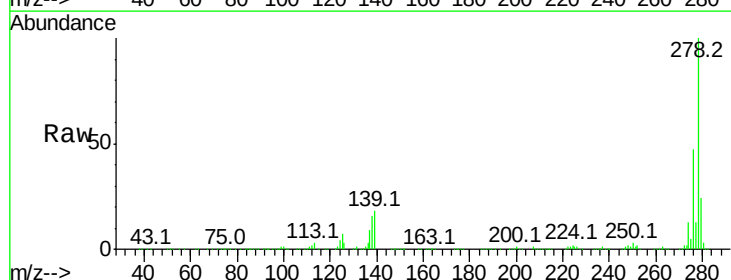
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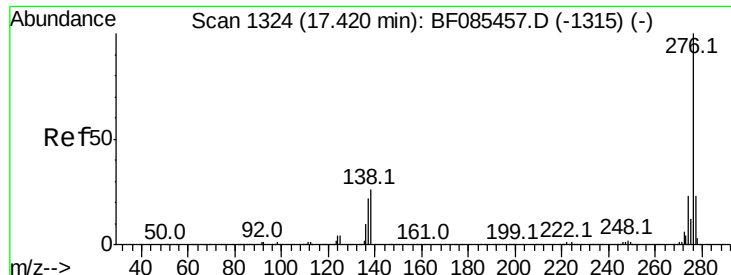
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#90
Dibenzo(a,h)anthracene
Concen: 44.49 ng
RT: 16.97 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF085484.D
Acq: 17 Mar 2016 1:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	17.3	25.9
279	24.1	19.2	28.8





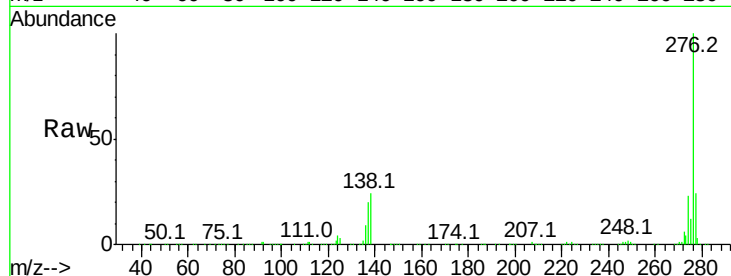
#91
 Benzo(a,h,i)perylene
 Concen: 45.59 ng
 RT: 17.40 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF085484.D
 Acq: 17 Mar 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	23.8	22.5	33.7

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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

