

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083413.D
 Acq On : 2 Dec 2015 12:33
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/3/2015 7:09:22 PM

Quant Time: Dec 03 03:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	180508m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	723024	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	351279	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	641964	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	542614	20.00	ng	-0.02
86) Perylene-d12	16.80	264	397028	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	941030	78.23	ng	0.00
7) Phenol-d6	6.22	99	1281944	77.86	ng	0.00
23) Nitrobenzene-d5	7.12	82	1190354	72.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	267812	75.95	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1844696	74.83	ng	-0.01
78) Terphenyl-d14	13.21	244	1738341	76.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	210215	32.27	ng	99
3) Pyridine	2.56	79	582451	35.75	ng	96
4) n-Nitrosodimethylamine	2.51	42	322675	40.23	ng	97
6) Aniline	6.21	93	873872	38.79	ng	96
8) 2-Chlorophenol	6.34	128	513623	38.71	ng	92
9) Benzaldehyde	6.08	77	307694	38.52	ng	97
10) Phenol	6.24	94	765106	38.62	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	565967	39.27	ng	89
12) 1,3-Dichlorobenzene	6.48	146	550514m	37.32	ng	
13) 1,4-Dichlorobenzene	6.56	146	559960m	36.73	ng	
14) 1,2-Dichlorobenzene	6.72	146	534034	38.18	ng	96
15) Benzyl Alcohol	6.70	79	485595	38.16	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	929651	36.76	ng	# 49
17) 2-Methylphenol	6.84	107	443406	40.09	ng	97
18) Hexachloroethane	7.06	117	206445	38.99	ng	# 79
19) n-Nitroso-di-n-propylamine	6.98	70	424191	36.04	ng	92
20) 3+4-Methylphenols	7.00	107	589279	39.34	ng	99
22) Acetophenone	6.97	105	769547	35.57	ng	# 95
24) Nitrobenzene	7.14	77	661055	37.64	ng	90
25) Isophorone	7.38	82	1124152	35.28	ng	96
26) 2-Nitrophenol	7.46	139	292952	40.86	ng	# 78
27) 2,4-Dimethylphenol	7.52	122	437977	36.44	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	688455	37.94	ng	99
29) 2,4-Dichlorophenol	7.71	162	425678	36.83	ng	95
30) 1,2,4-Trichlorobenzene	7.78	180	457880	36.39	ng	98
31) Naphthalene	7.86	128	1478605	37.69	ng	98
32) Benzoic acid	7.68	122	313088	37.77	ng	94
33) 4-Chloroaniline	7.92	127	567313	33.55	ng	# 90
34) Hexachlorobutadiene	7.98	225	269841	37.77	ng	97
35) Caprolactam	8.30	113	133032	36.42	ng	91
36) 4-Chloro-3-methylphenol	8.42	107	461157	35.57	ng	# 81
37) 2-Methylnaphthalene	8.54	142	941459	35.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	447764	40.21	ng	98
40) Hexachlorocyclopentadiene	8.70	237	192943	36.48	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	309207	39.59	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	308999	38.18	nq	# 93
45) 1,1'-Biphenyl	9.01	154	1203205	39.06	nq	98
46) 2-Chloronaphthalene	9.04	162	898136	38.26	nq	93
47) 2-Nitroaniline	9.14	65	351219	37.78	nq	# 83
48) Acenaphthylene	9.44	152	1385614	37.01	nq	99
49) Dimethylphthalate	9.33	163	1046944	36.67	nq	98
50) 2,6-Dinitrotoluene	9.38	165	217355	35.65	nq	85
51) Acenaphthene	9.61	154	788514	35.80	nq	98
52) 3-Nitroaniline	9.55	138	244362	34.20	nq	91
53) 2,4-Dinitrophenol	9.66	184	111901	34.62	nq	# 72
54) Dibenzofuran	9.78	168	1167408	36.17	nq	99
55) 4-Nitrophenol	9.74	139	181554m	40.62	nq	
56) 2,4-Dinitrotoluene	9.79	165	287855	37.21	nq	# 58
57) Fluorene	10.12	166	884223	34.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	246162	37.70	nq	96
59) Diethylphthalate	10.02	149	965154	35.47	nq	100
60) 4-Chlorophenyl-phenylether	10.12	204	418143	35.71	nq	96
61) 4-Nitroaniline	10.17	138	254540	35.60	nq	94
62) Azobenzene	10.28	77	1247422	37.95	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	164696	38.21	nq	# 77
65) n-Nitrosodiphenylamine	10.25	169	858400	38.05	nq	100
66) 4-Bromophenyl-phenylether	10.62	248	278897	39.72	nq	98
67) Hexachlorobenzene	10.69	284	304373	39.20	nq	97
68) Atrazine	10.82	200	233181	37.37	nq	93
69) Pentachlorophenol	10.91	266	163870	40.29	nq	97
70) Phenanthrene	11.15	178	1463022	38.51	nq	100
71) Anthracene	11.21	178	1486361	38.86	nq	100
72) Carbazole	11.40	167	1278758	37.21	nq	99
73) Di-n-butylphthalate	11.85	149	1619548	39.77	nq	99
74) Fluoranthene	12.65	202	1446732	36.74	nq	98
76) Benzidine	12.85	184	553253	34.23	nq	98
77) Pyrene	12.96	202	1485833	39.21	nq	98
79) Butylbenzylphthalate	13.95	149	685296	42.63	nq	84
80) Benzo(a)anthracene	14.73	228	1264876	38.05	nq	99
81) 3,3'-Dichlorobenzidine	14.72	252	408756	39.37	nq	# 98
82) Chrysene	14.79	228	1246876	38.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.85	149	904463	41.94	nq	100
84) Di-n-octyl phthalate	15.83	149	1379972	42.97	nq	100
85) Indeno(1,2,3-cd)pyrene	18.18	276	967795	41.37	nq	100
87) Benzo(b)fluoranthene	16.28	252	956255	37.54	nq	99
88) Benzo(k)fluoranthene	16.33	252	916165	38.09	nq	99
89) Benzo(a)pyrene	16.73	252	839739	38.38	nq	98
90) Dibenzo(a,h)anthracene	18.20	278	813159	42.65	nq	99
91) Benzo(g,h,i)perylene	18.56	276	800414	42.77	nq	97

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

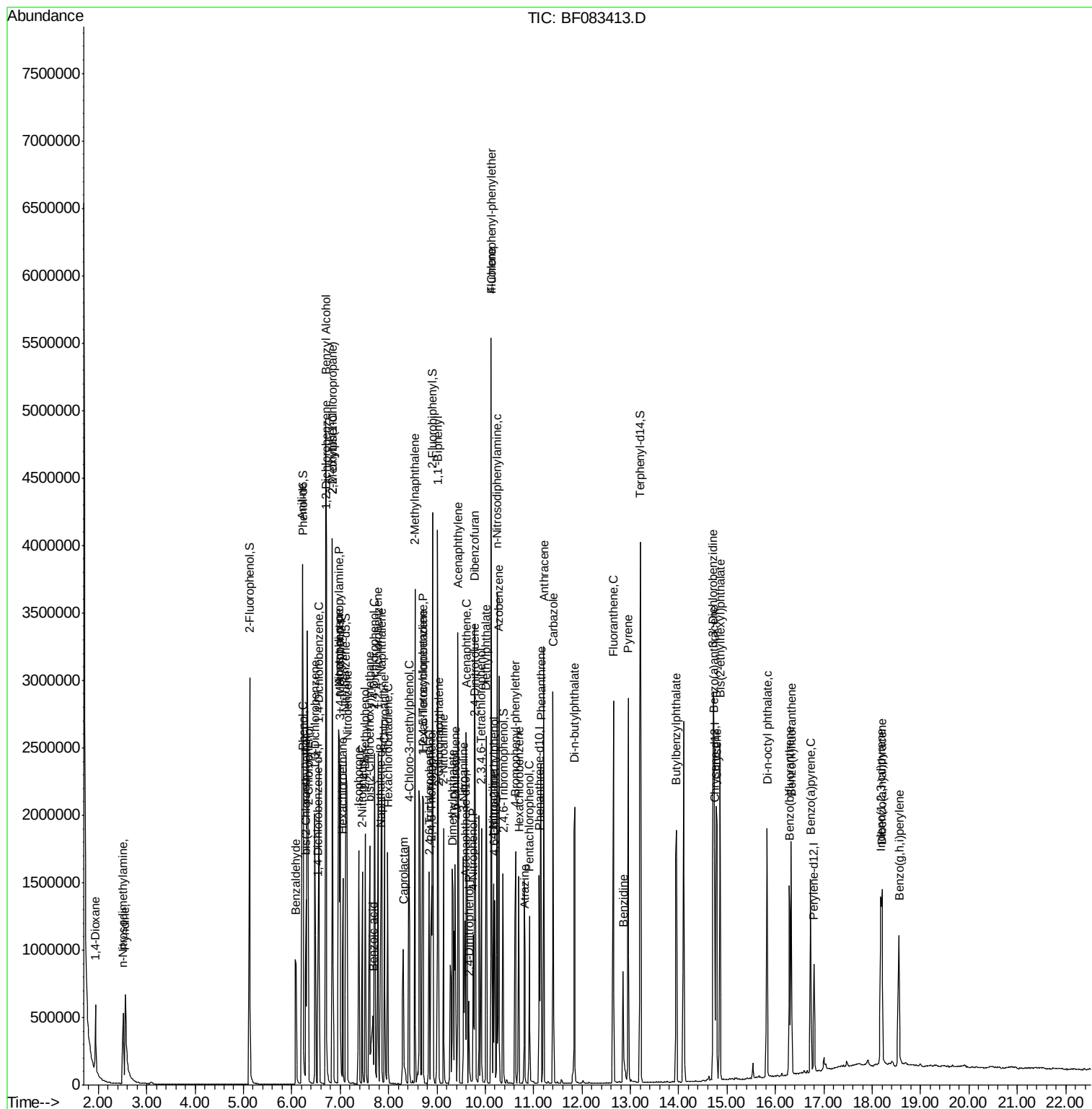
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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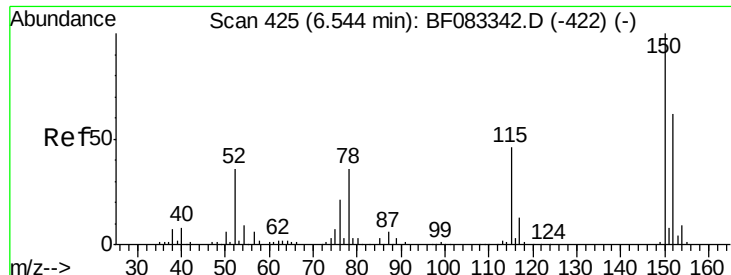
Instrument :
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#1

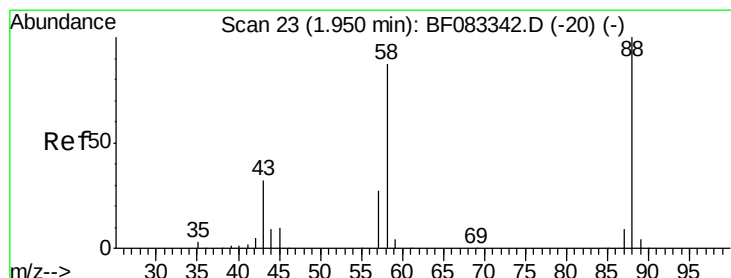
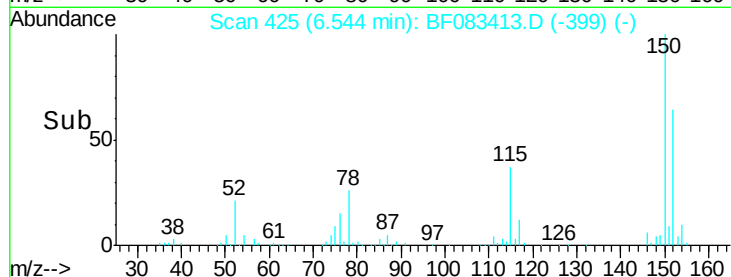
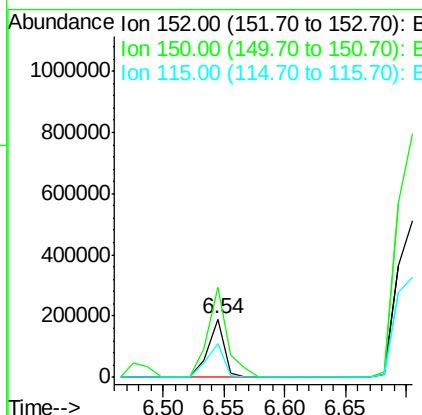
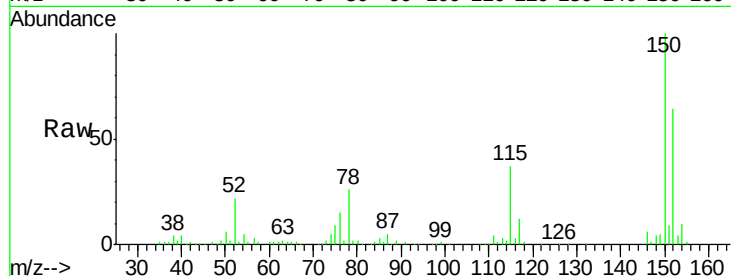
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.8	194.8
115	57.9	59.2	88.8

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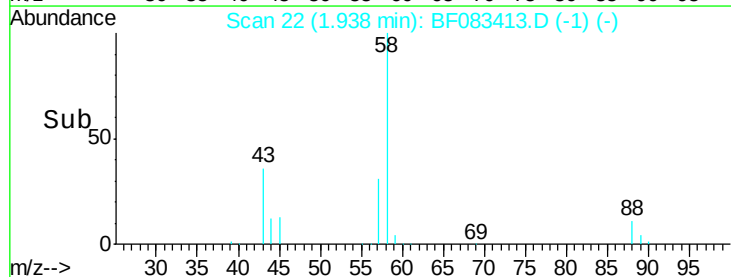
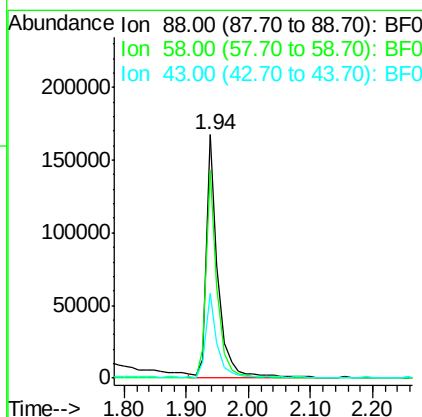
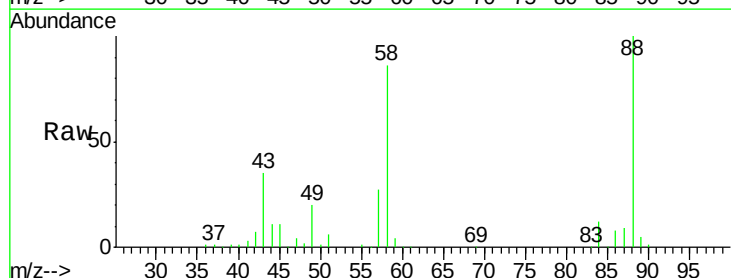
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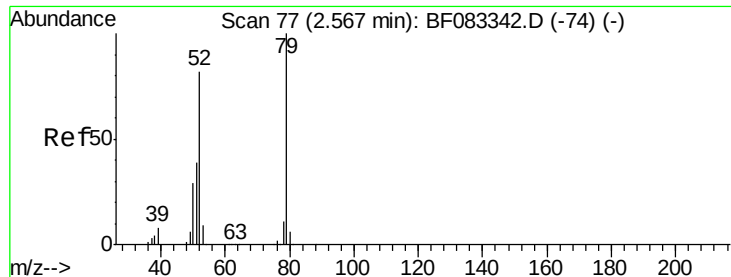


#2

1,4-Dioxane
Concen: 32.27 ng
RT: 1.94 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	66.6	100.0
43	34.0	27.1	40.7





#3

Pvridine

Concen: 35.75 ng

RT: 2.56 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

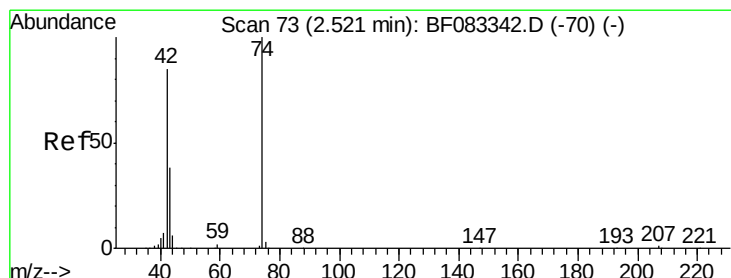
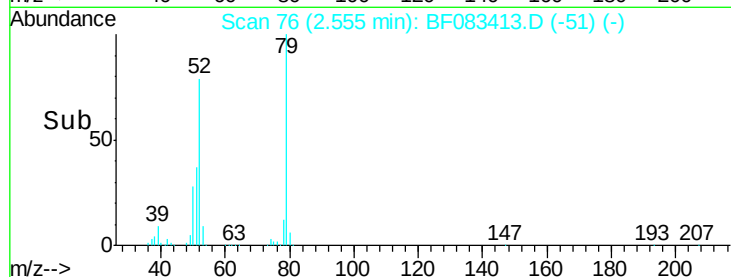
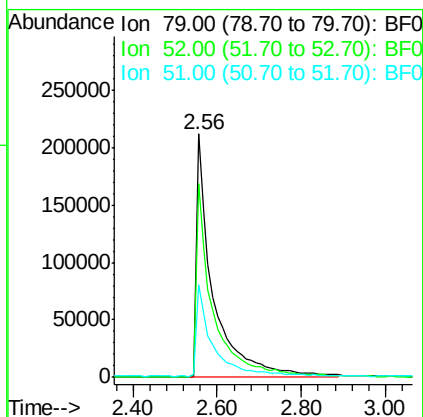
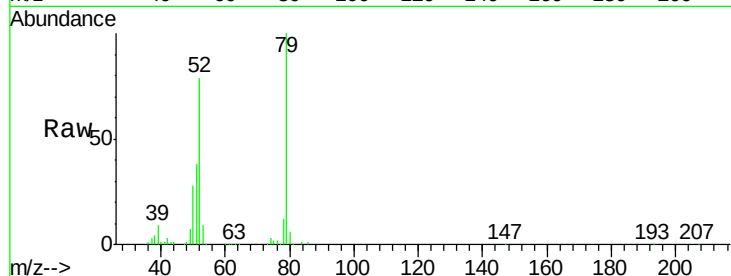
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	582451
Ion Ratio	Lower	Upper	
79	100		
52	79.5	65.9	98.9
51	37.9	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 40.23 ng

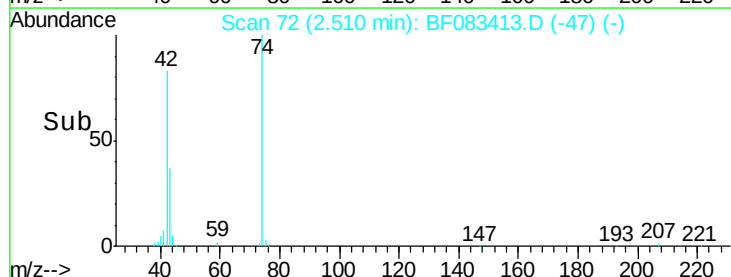
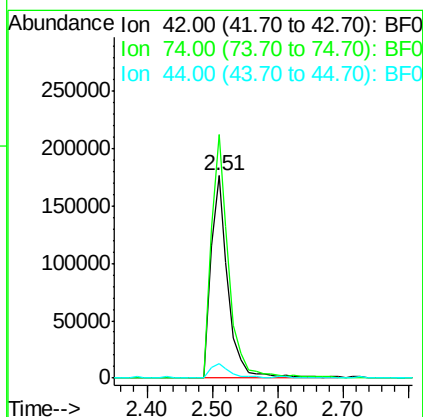
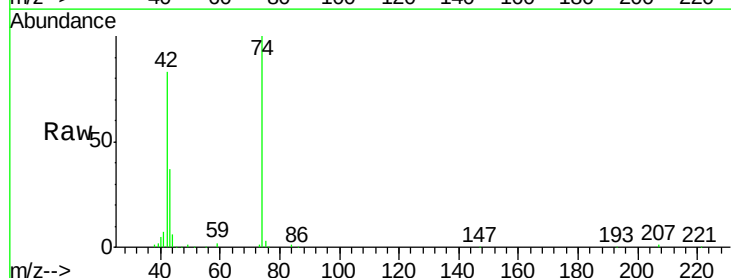
RT: 2.51 min Scan# 72

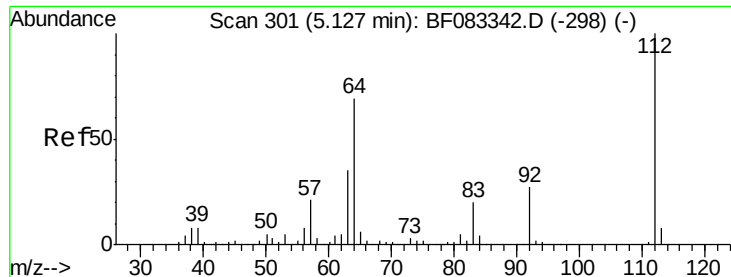
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	42	Resp:	322675
Ion Ratio	Lower	Upper	
42	100		
74	120.5	93.7	140.5
44	6.9	5.6	8.4





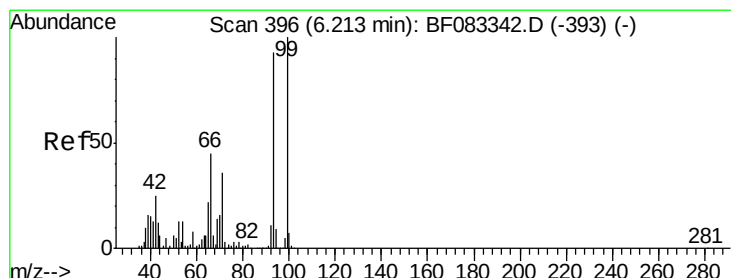
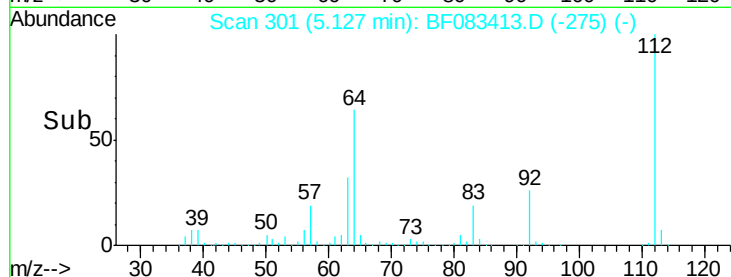
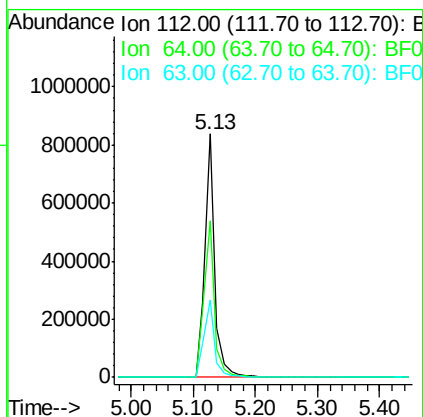
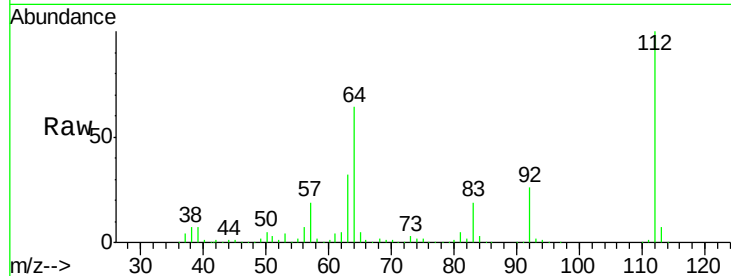
#5
2-Fluorophenol
Concen: 78.23 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	64.4	55.6	83.4
63	32.0	28.2	42.2

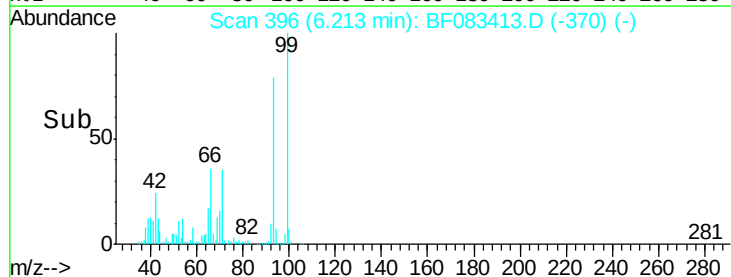
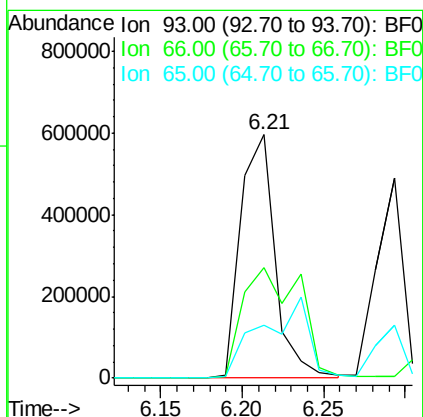
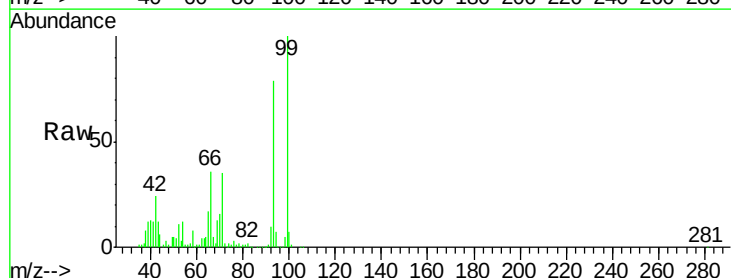
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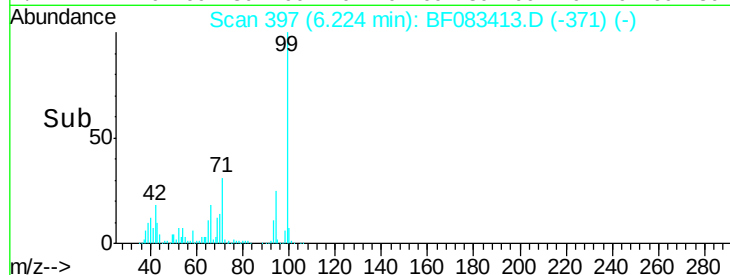
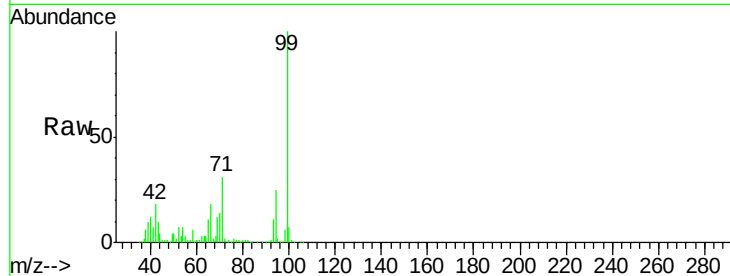
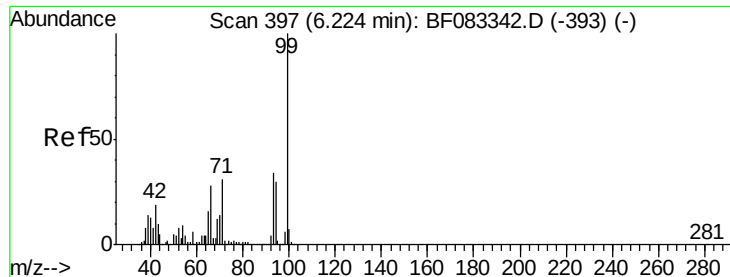
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#6
Aniline
Concen: 38.79 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	45.6	38.7	58.1
65	21.8	19.0	28.6





#7

Phenol-d6

Concen: 77.86 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tot Ion: 99 Resp: 1281944

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 31.2 24.7 37.1

Instrument :

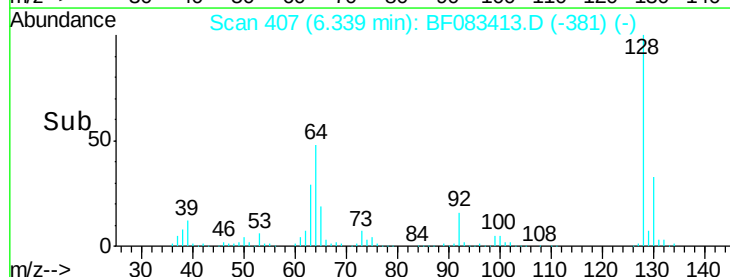
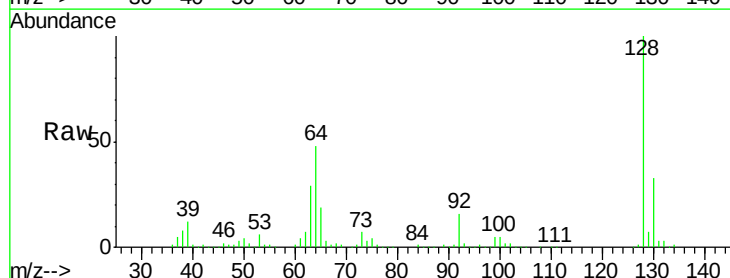
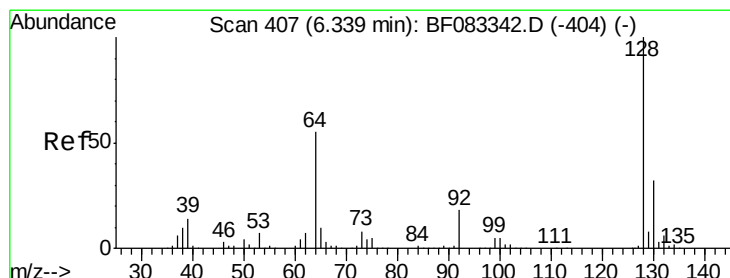
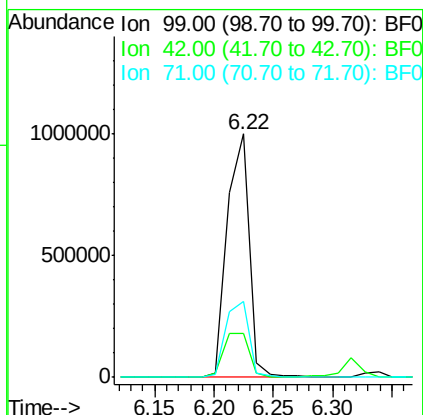
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

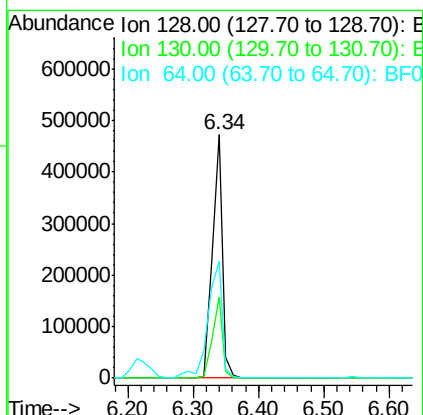
Tgt Ion:128 Resp: 513623

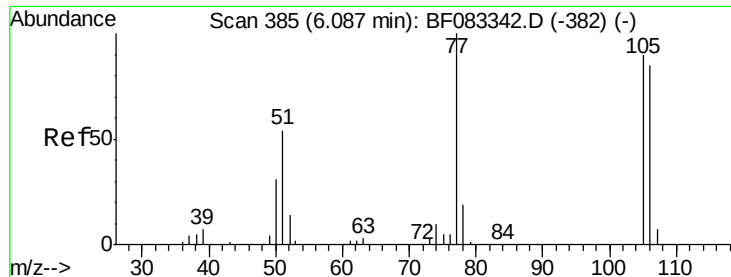
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 48.2 36.4 76.4





#9

Benzaldehyde

Concen: 38.52 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

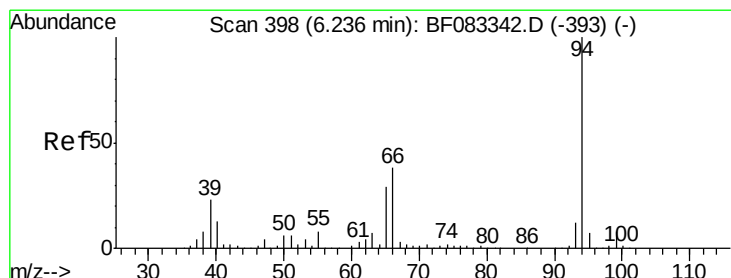
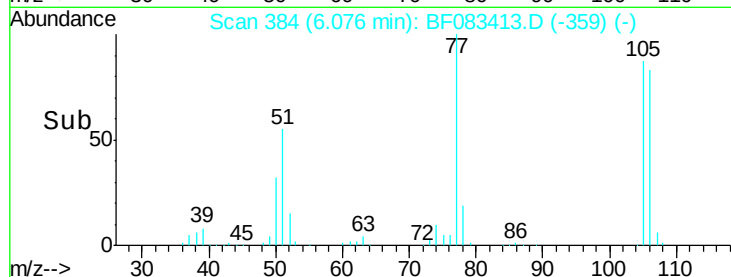
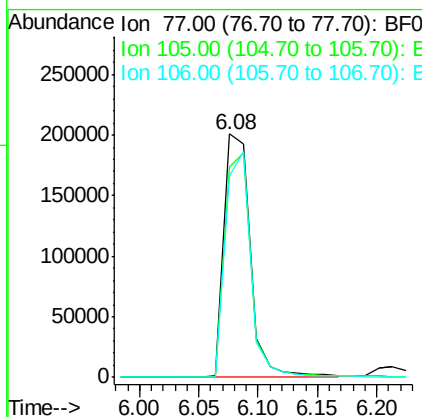
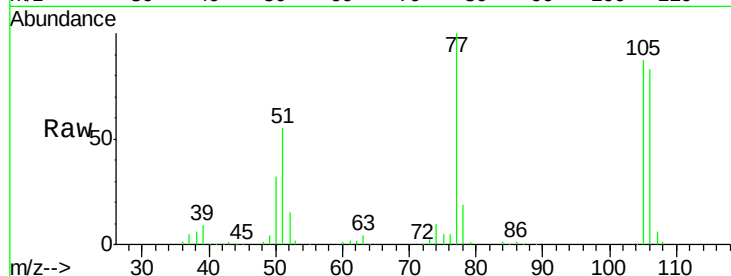
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	307694
Ion	Ratio	Lower	Upper
77	100		
105	86.6	70.0	110.0
106	82.8	65.0	105.0

Manual Integrations
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#10

Phenol

Concen: 38.62 ng

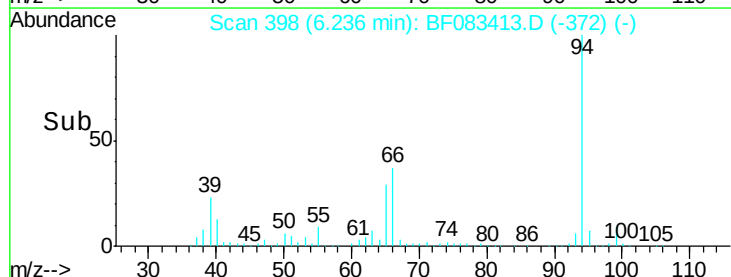
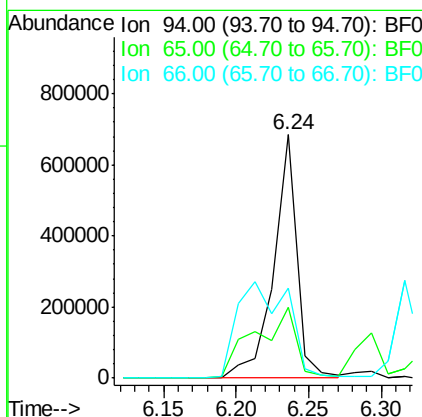
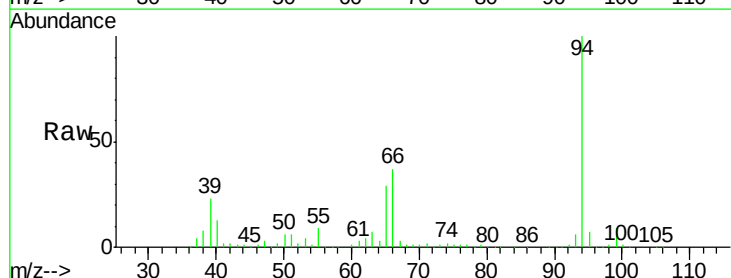
RT: 6.24 min Scan# 398

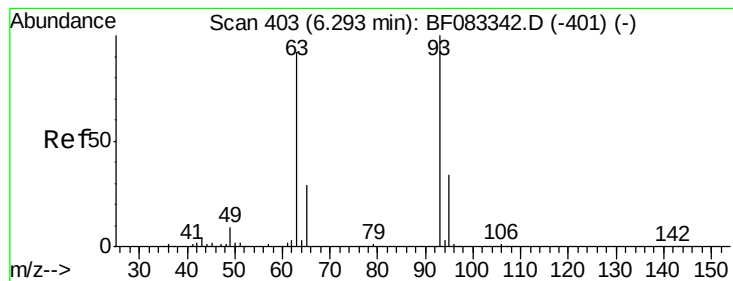
Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	94	Resp:	765106
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.5	49.5
66	37.1	17.9	57.9





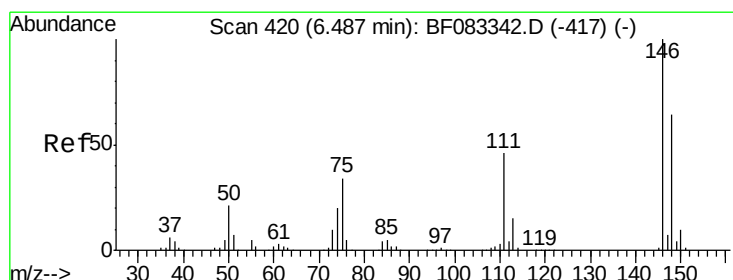
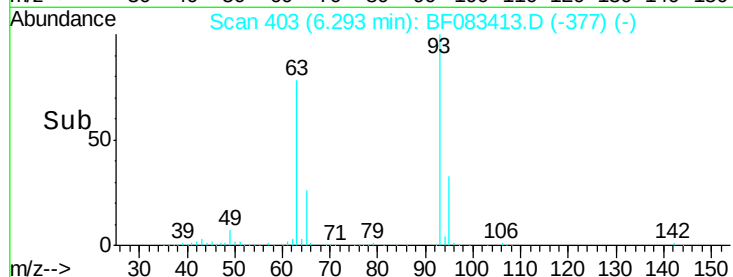
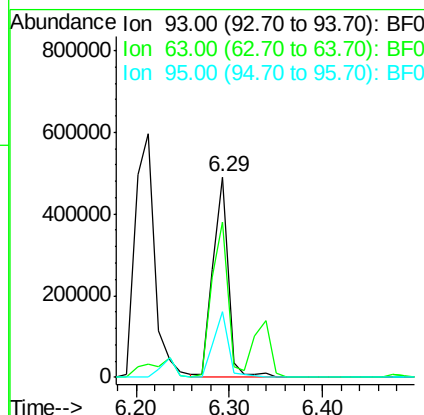
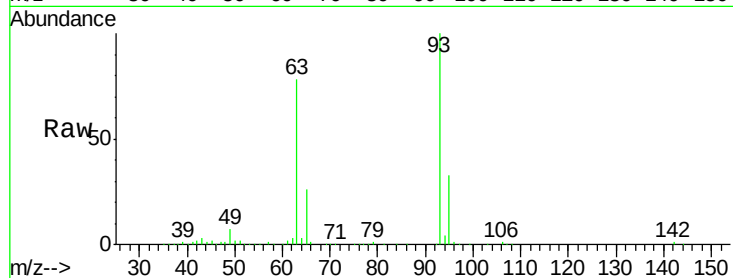
#11
bis(2-Chloroethyl)ether
Concen: 39.27 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	71.4	111.4
95	33.0	13.4	53.4

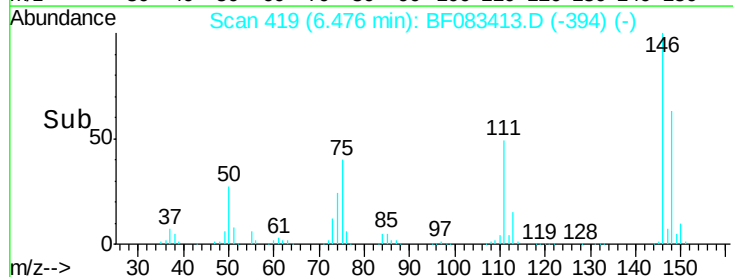
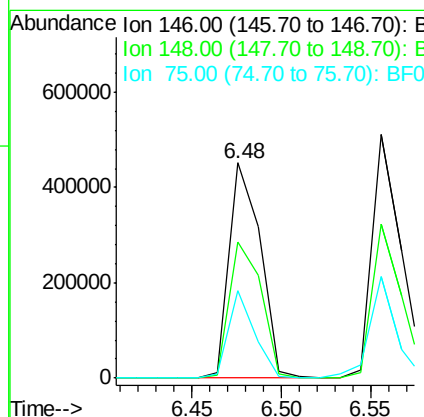
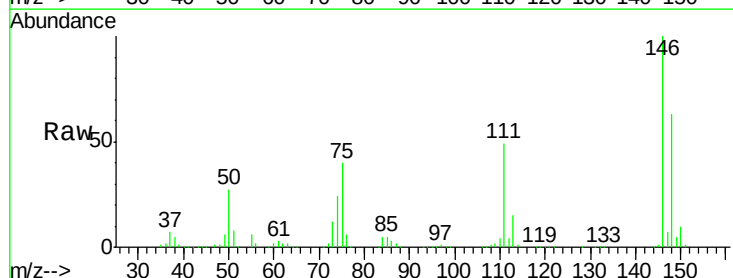
Manual Integrations
APPROVED

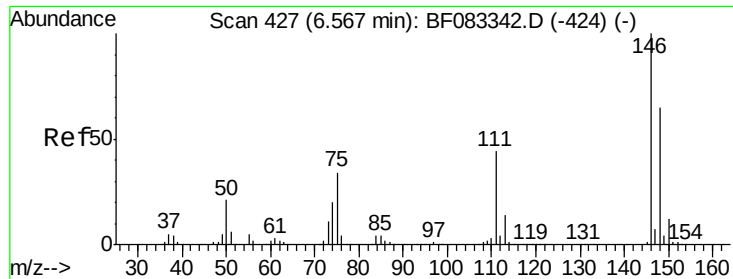
Mmdadoda
12/3/2015 7:09:22 PM



#12
1,3-Dichlorobenzene
Concen: 37.32 ng m
RT: 6.48 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
75	40.4	27.5	41.3





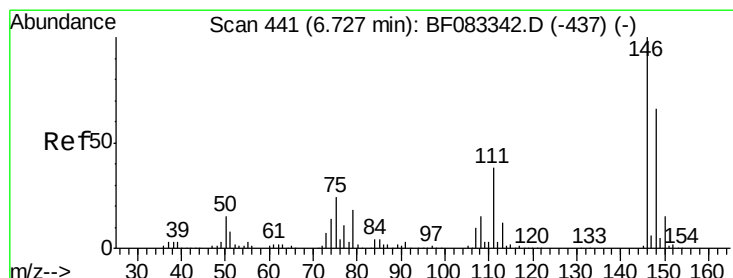
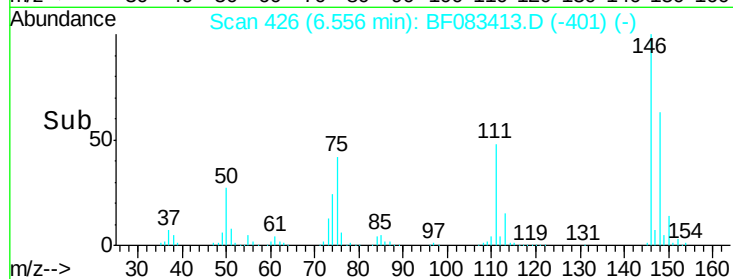
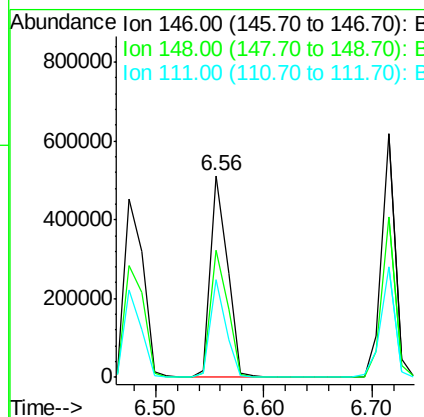
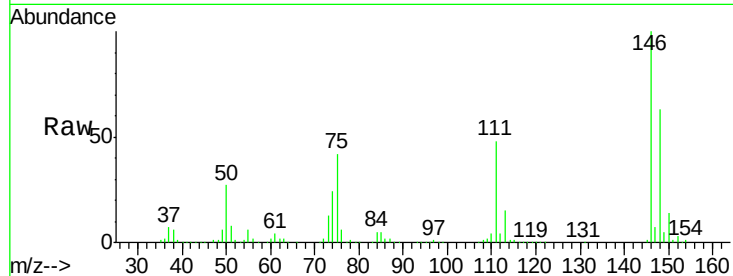
#13
1,4-Dichlorobenzene
Concen: 36.73 ng/ml
RT: 6.56 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
111	48.2	35.4	53.0

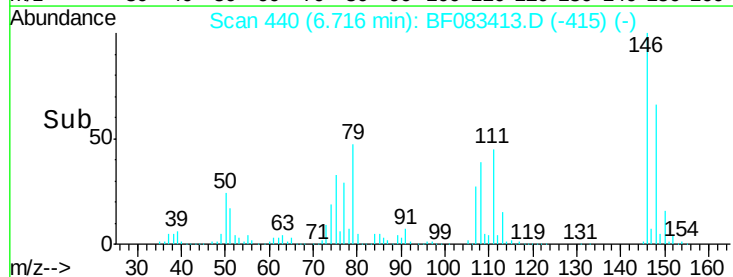
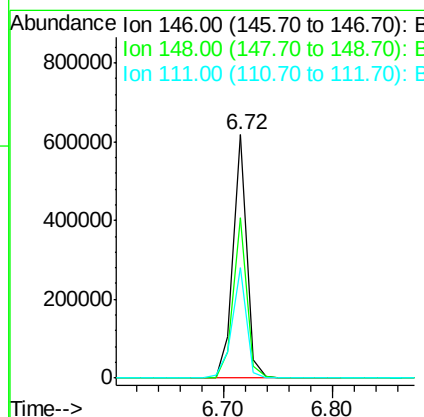
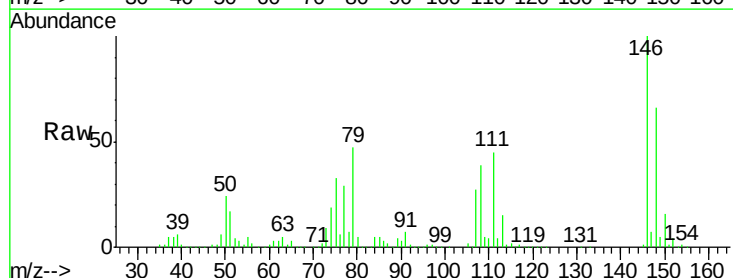
Manual Integrations
APPROVED

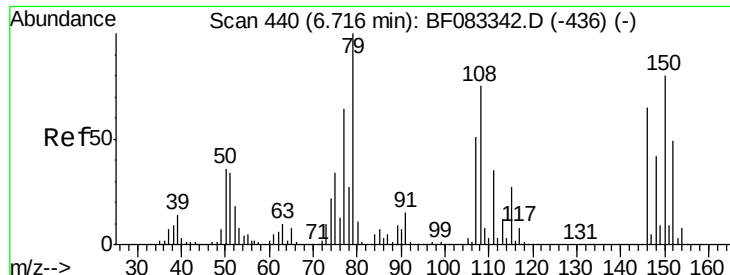
Mmdadoda
12/3/2015 7:09:22 PM



#14
1,2-Dichlorobenzene
Concen: 38.18 ng/ml
RT: 6.72 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.5	78.7
111	45.5	30.6	46.0





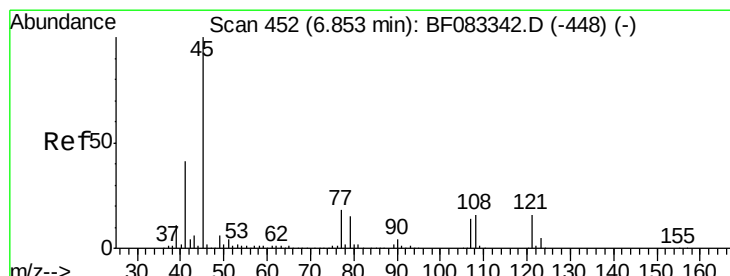
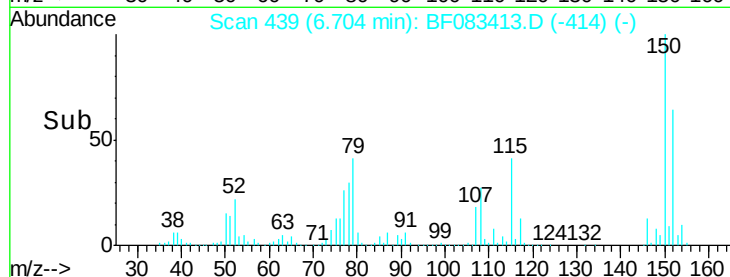
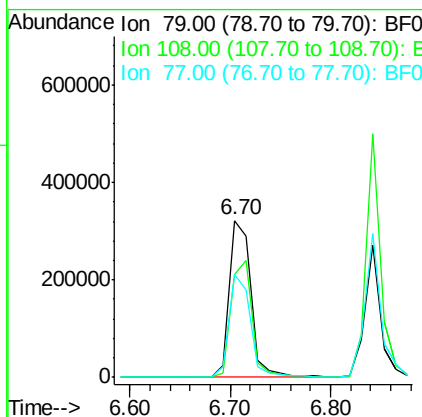
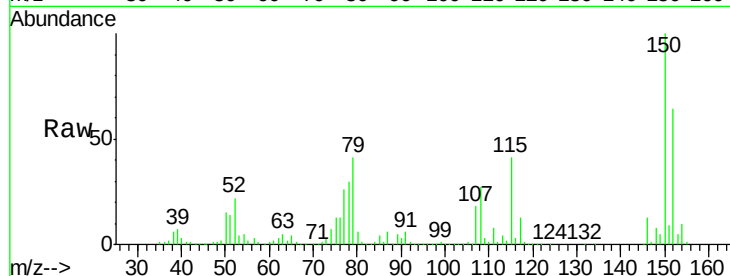
#15
Benzyl Alcohol
Concen: 38.16 ng
RT: 6.70 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.8	59.9	89.9
77	65.1	51.0	76.6

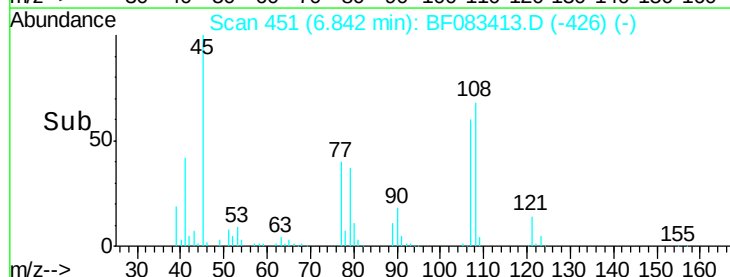
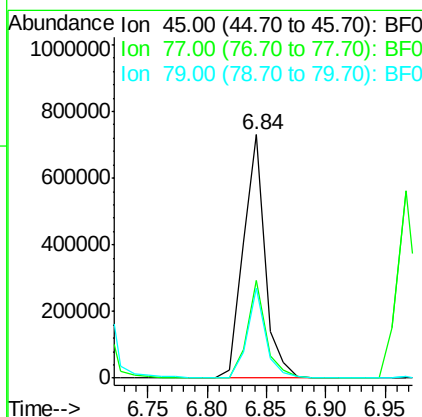
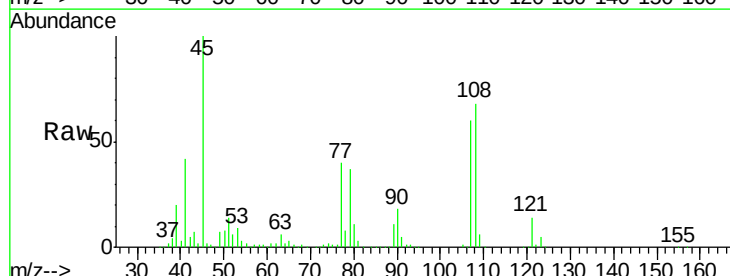
Manual Integrations
APPROVED

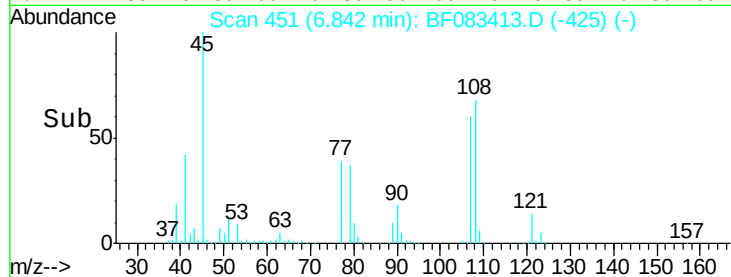
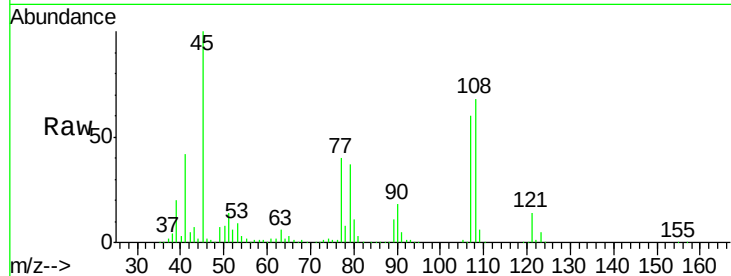
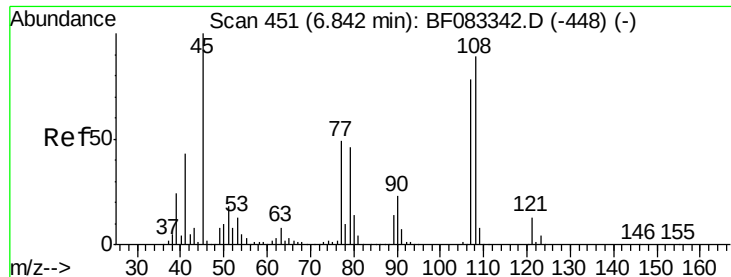
Mmdadoda
12/3/2015 7:09:22 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.76 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.4	0.0	38.3#
79	37.2	0.0	35.4#





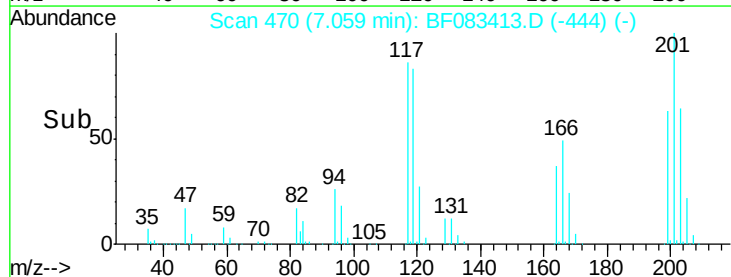
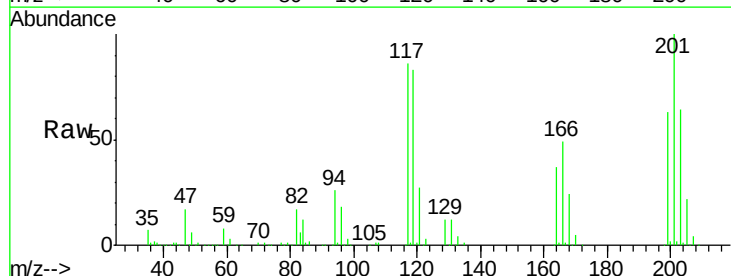
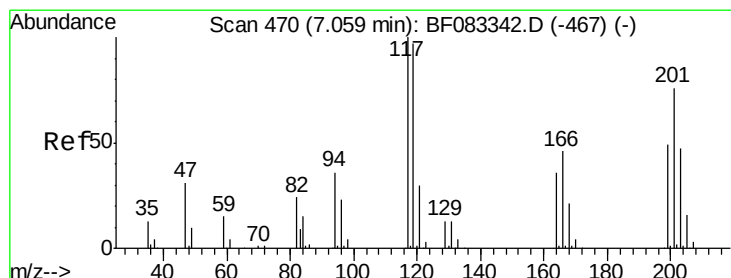
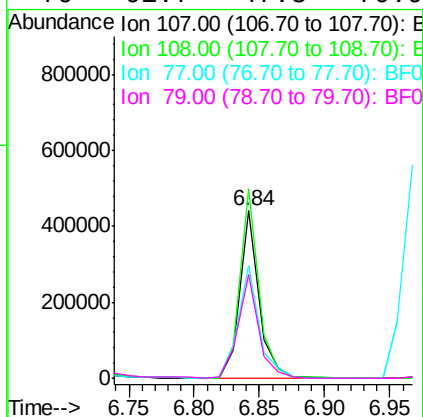
#17
2-Methylphenol
Concen: 40.09 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100	443406		
108	113.3	91.6	137.4	
77	66.9	49.9	74.9	
79	61.7	47.3	70.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

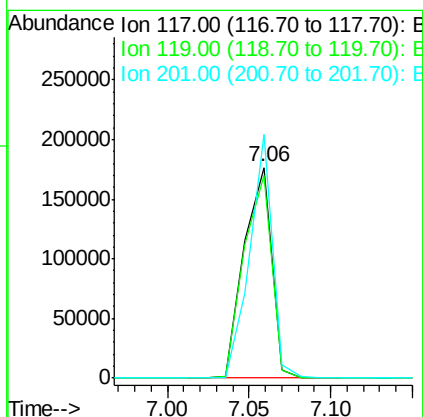
Manual Integrations
APPROVED

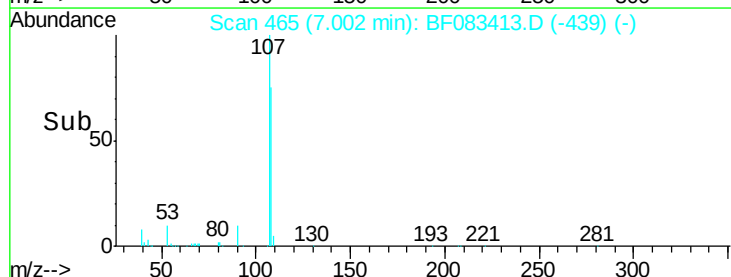
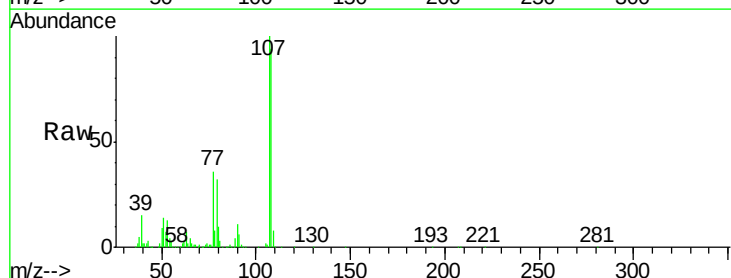
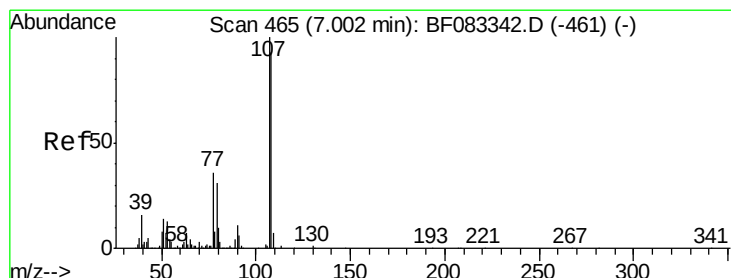
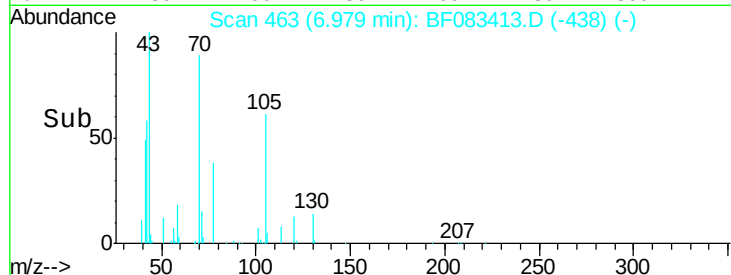
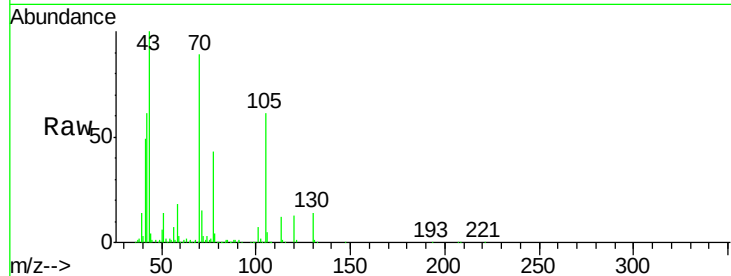
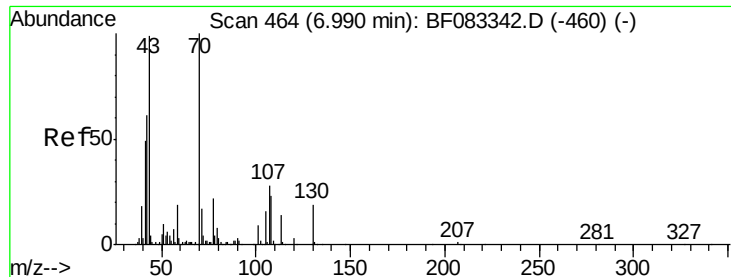
Mmdadoda
12/3/2015 7:09:22 PM



#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	206445		
119	96.5	77.3	115.9	
201	115.7	60.6	90.8#	

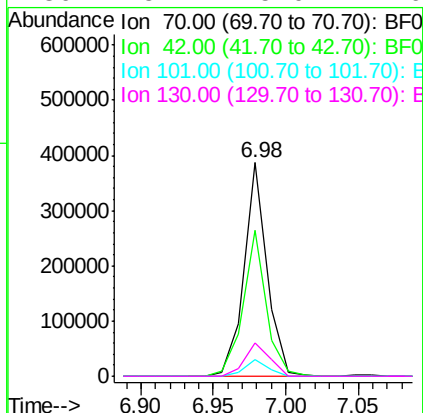




#19
n-Nitroso-di-n-propylamine
Concen: 36.04 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	48.8	73.2	
101	8.0	7.1	10.7	
130	15.4	15.0	22.6	

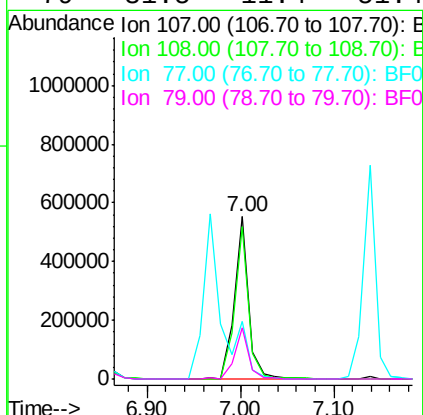


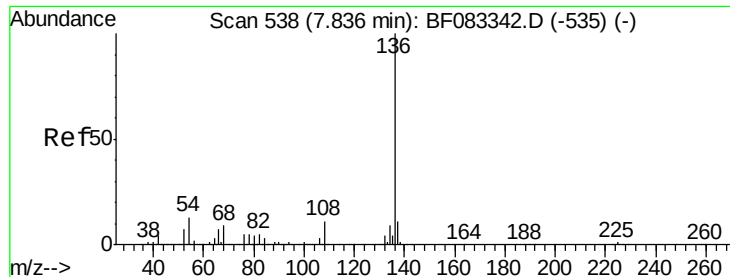
Manual Integrations
APPROVED

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12/3/2015 7:09:22 PM

#20
3+4-Methylphenols
Concen: 39.34 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.7	73.0	113.0	
77	35.8	16.8	56.8	
79	31.5	11.4	51.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

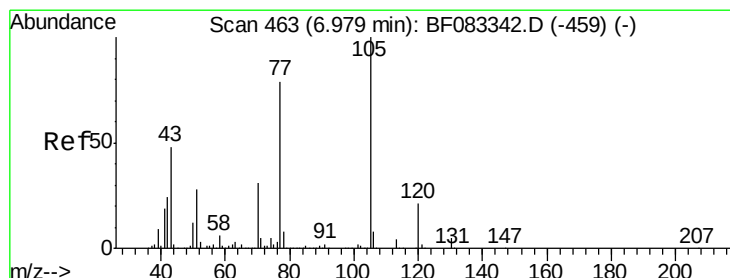
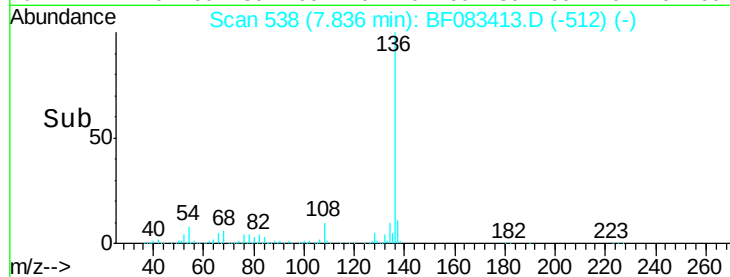
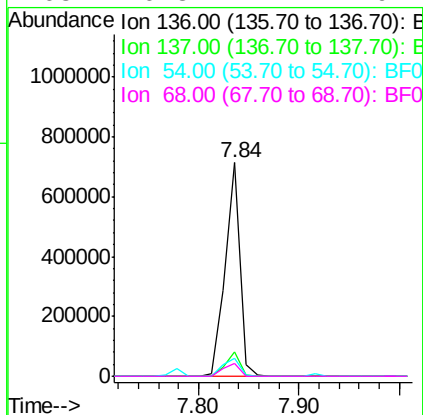
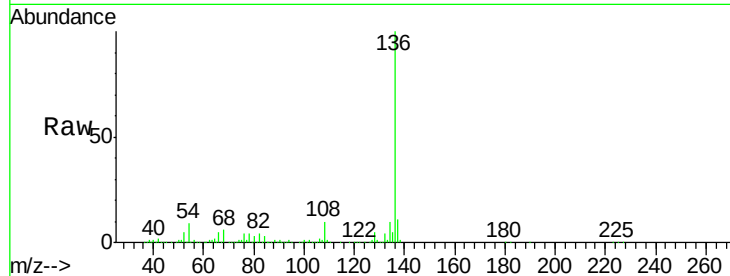
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.4	
54	8.6	10.1	15.1	
68	6.3	7.1	10.7	

Manual Integrations
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#22

Acetophenone

Concen: 35.57 ng

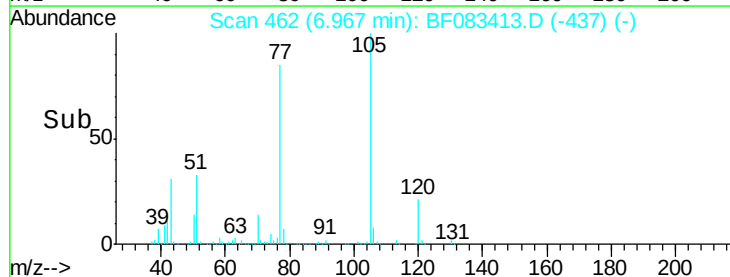
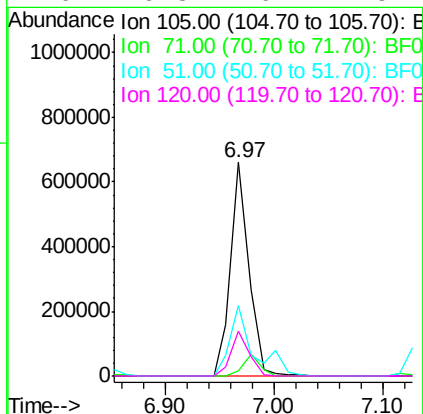
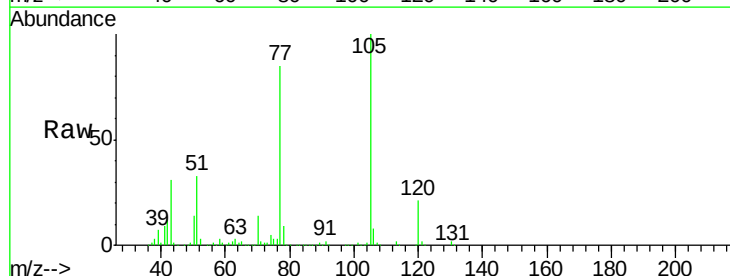
RT: 6.97 min Scan# 462

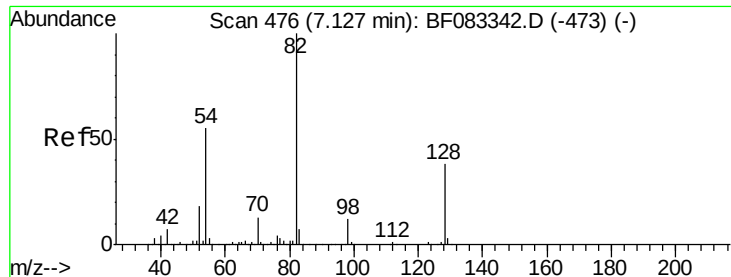
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	4.3	6.5	
51	32.9	22.9	34.3	
120	20.8	16.7	25.1	





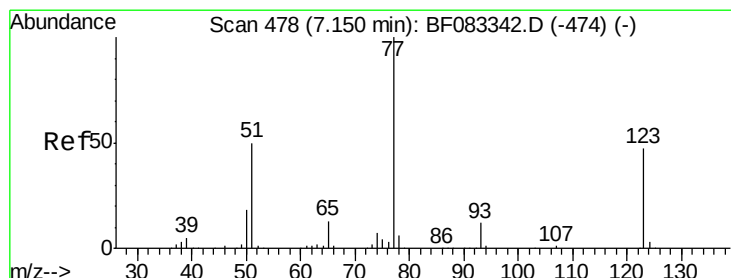
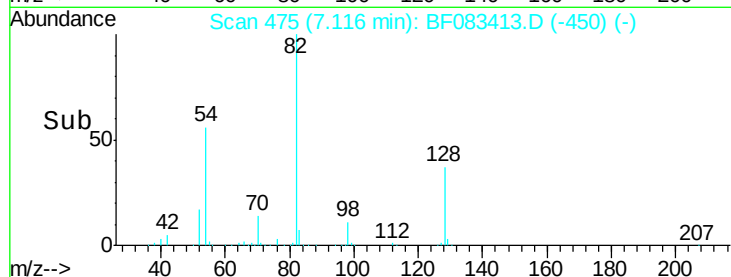
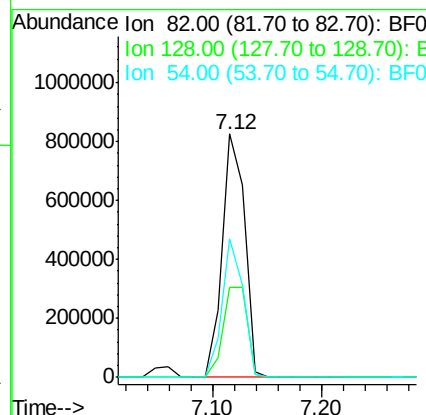
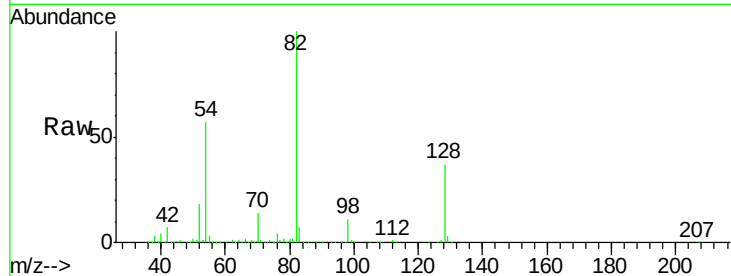
#23
Nitrobenzene-d5
Concen: 72.37 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	56.9	43.8	65.6

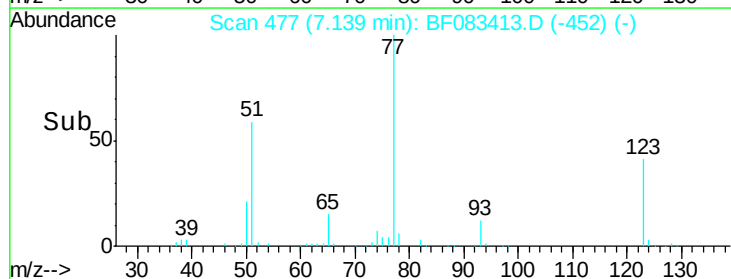
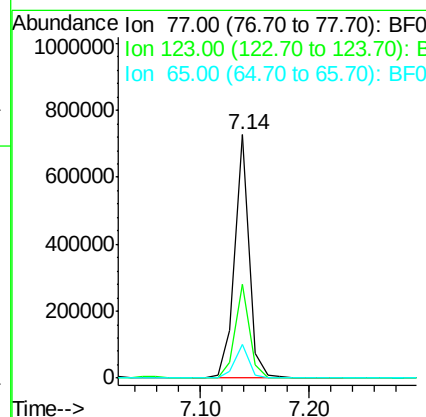
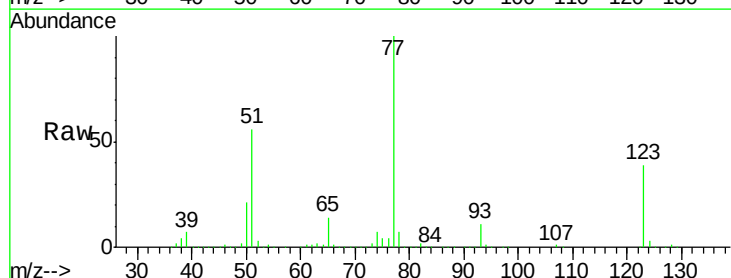
Manual Integrations
APPROVED

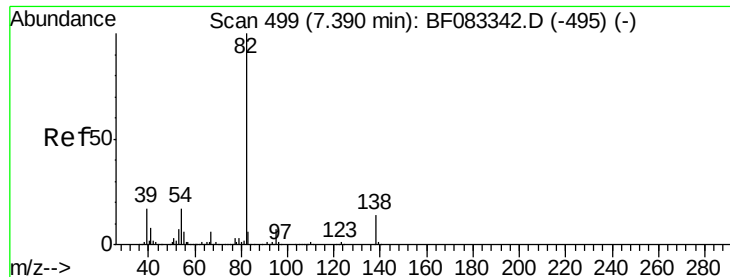
Mmdadoda
12/3/2015 7:09:22 PM



#24
Nitrobenzene
Concen: 37.64 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	37.4	56.0
65	14.1	10.6	15.8





#25

Isophorone

Concen: 35.28 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1124152

Ion Ratio Lower Upper

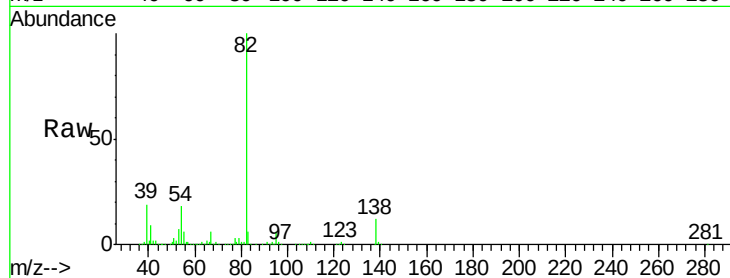
82 100

95 6.5 5.3 7.9

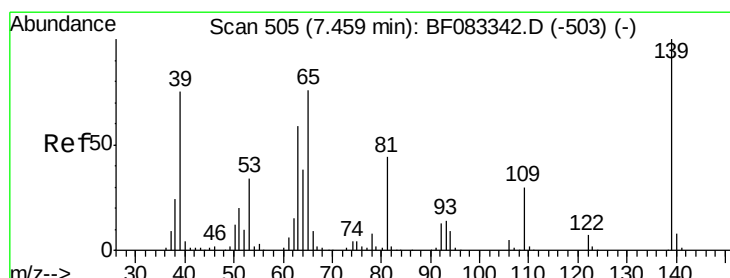
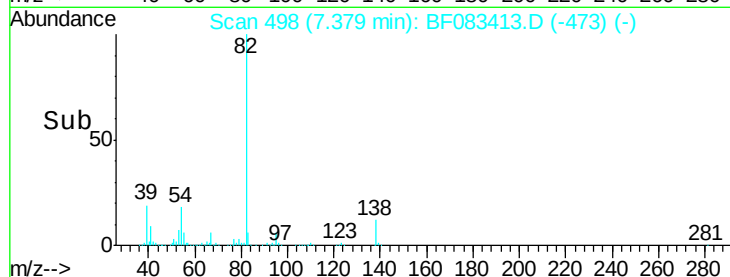
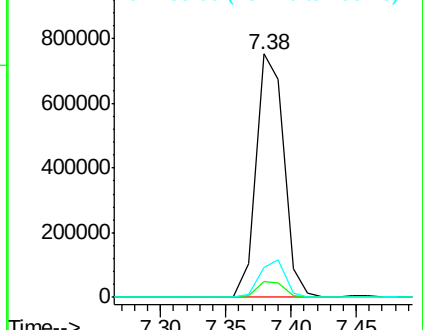
138 12.4 11.6 17.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:22 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.86 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

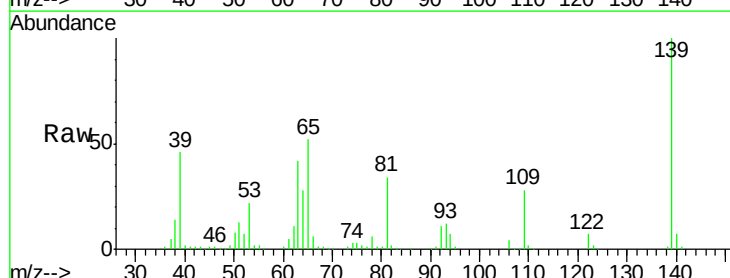
Tgt Ion:139 Resp: 292952

Ion Ratio Lower Upper

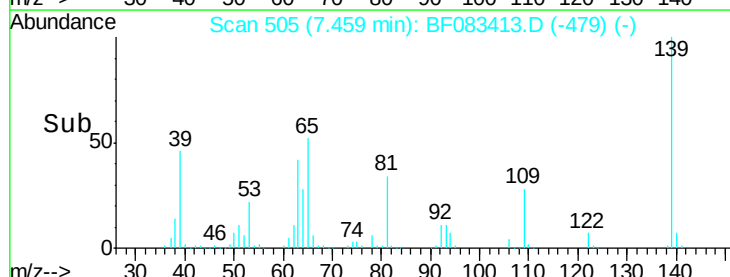
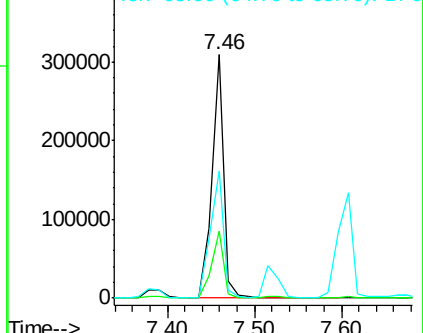
139 100

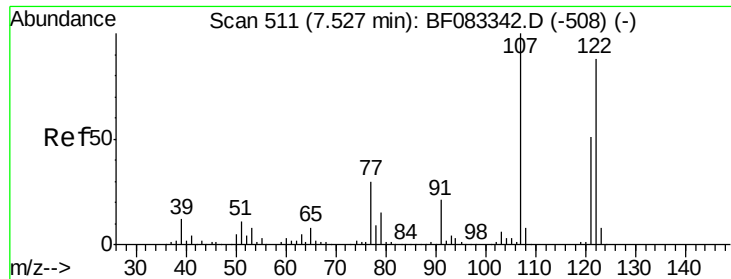
109 27.6 24.2 36.4

65 52.1 61.0 91.6#



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





#27

2,4-Dimethylphenol

Concen: 36.44 ng

RT: 7.52 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

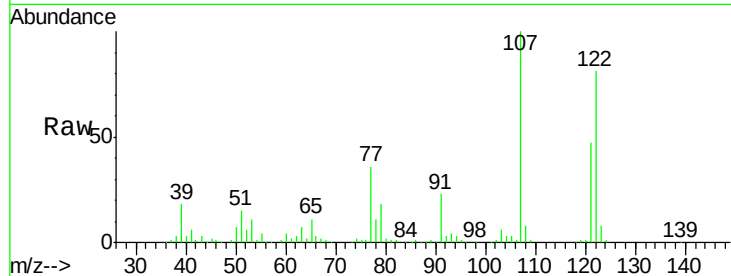
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	437977
Ion Ratio	Lower	Upper	
122	100		
107	122.9	91.2	136.8
121	58.1	46.4	69.6

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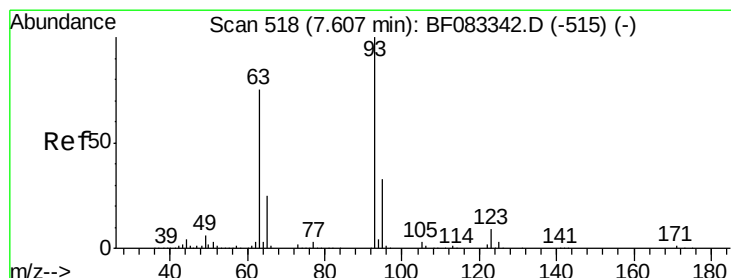
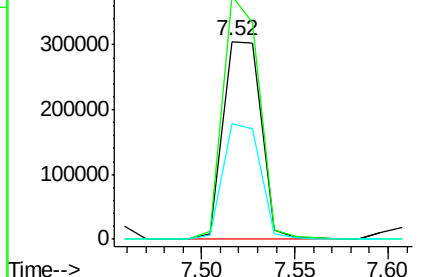
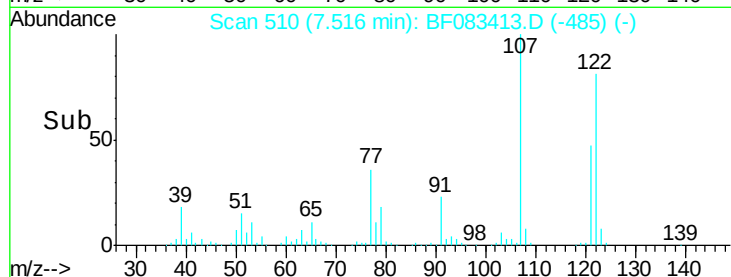
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.94 ng

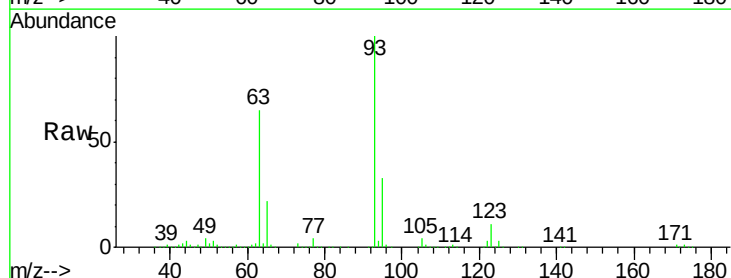
RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

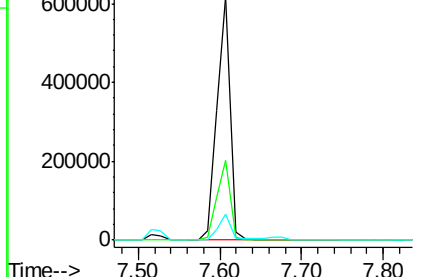
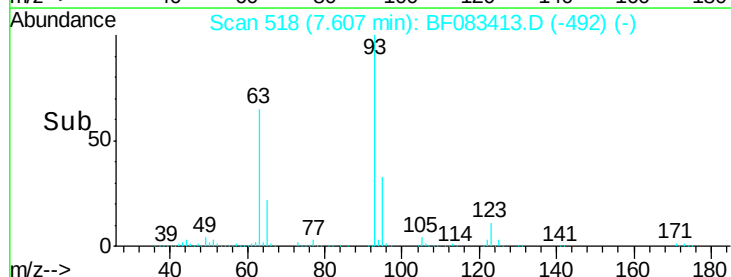
Tgt Ion:	93	Resp:	688455
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.1	39.1
123	10.7	7.4	11.0

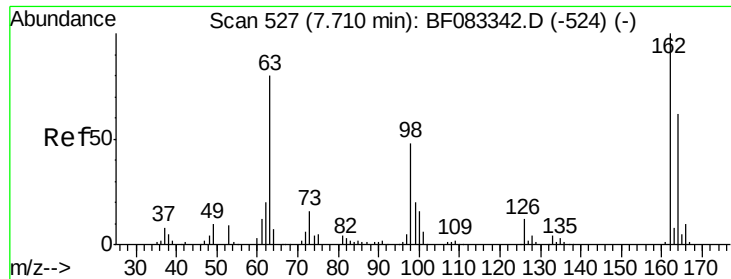


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





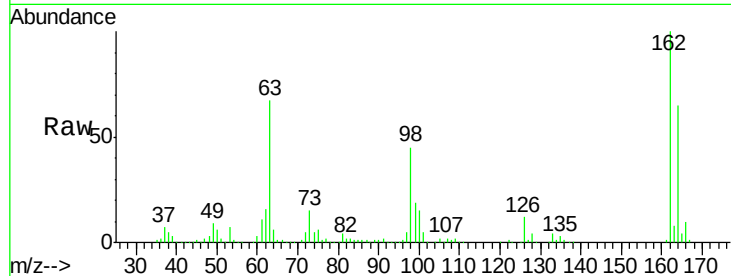
#29
 2,4-Dichlorophenol
 Concen: 36.83 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

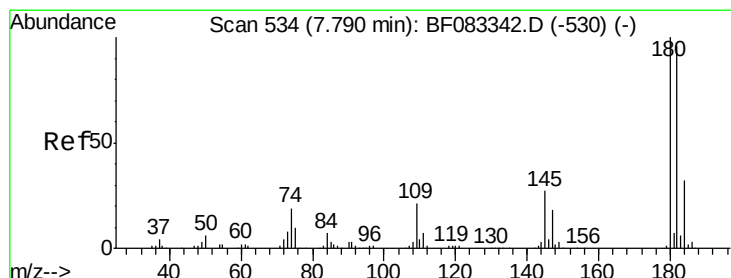
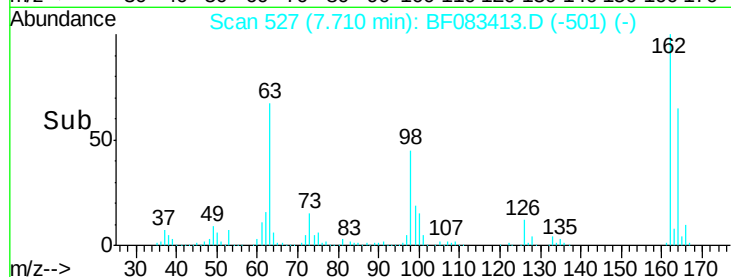
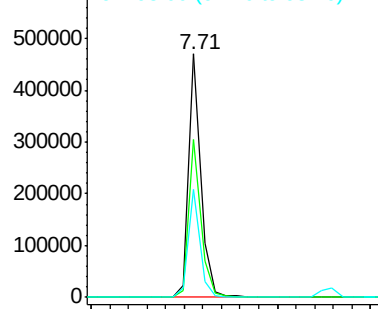
Tot Ion	Ratio	Resp	Lower	Upper
162	100	425678		
164	65.0	41.9	81.9	
98	44.5	28.1	68.1	

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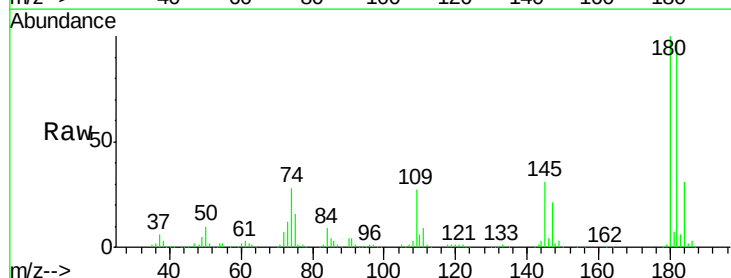


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

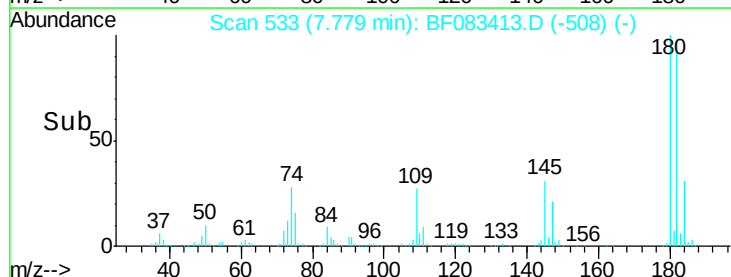
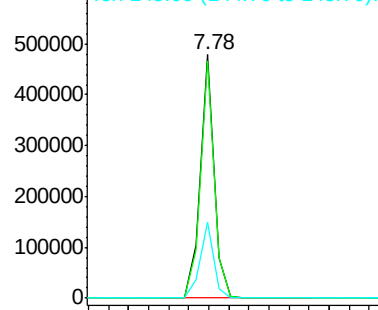


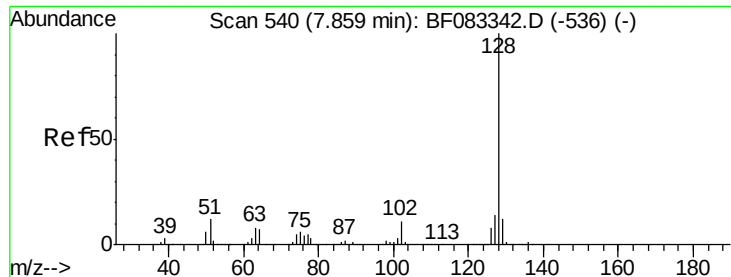
#30
 1,2,4-Trichlorobenzene
 Concen: 36.39 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	457880		
182	97.3	77.2	115.8	
145	31.1	21.4	32.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.69 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1478605

Ion Ratio Lower Upper

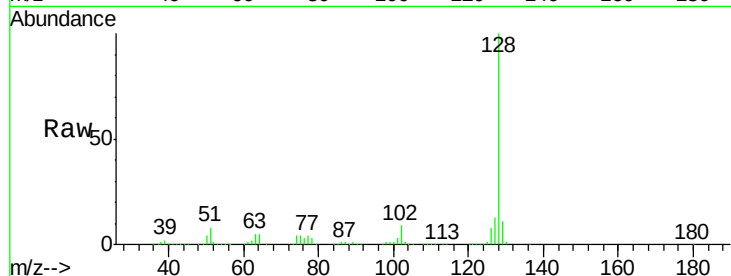
128 100

129 11.3 9.7 14.5

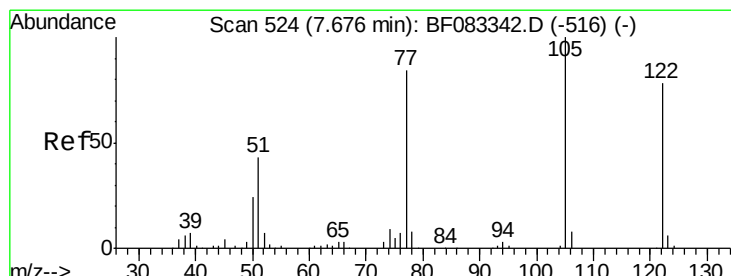
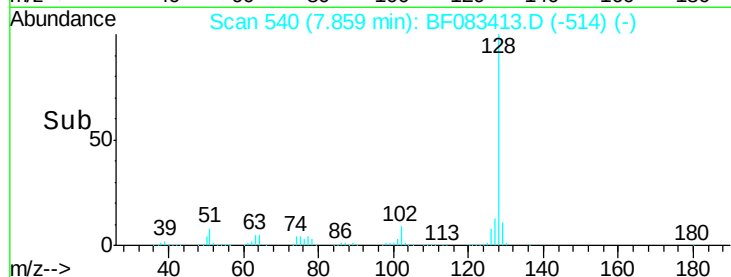
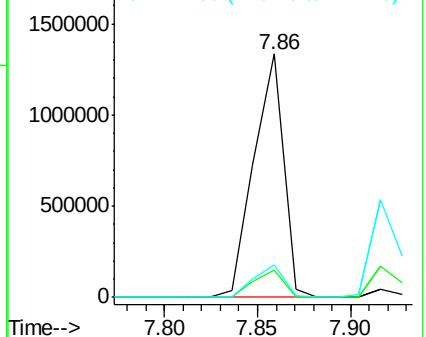
127 13.3 11.0 16.4

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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: 37.77 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

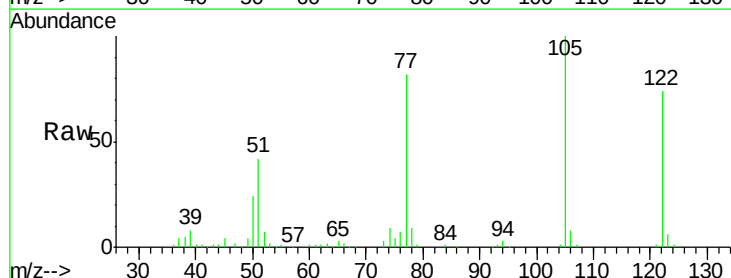
Tgt Ion:122 Resp: 313088

Ion Ratio Lower Upper

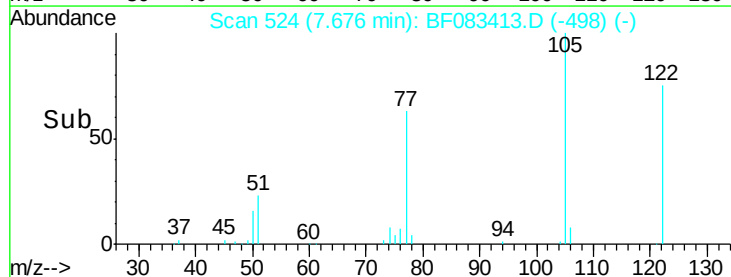
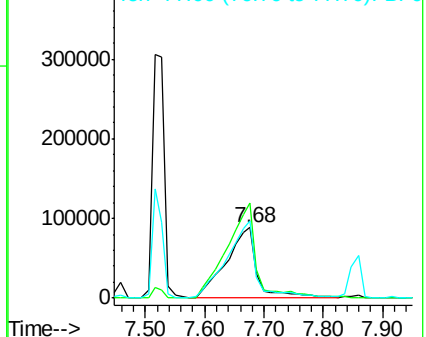
122 100

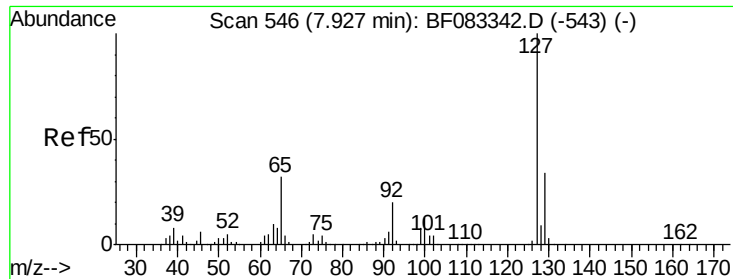
105 134.4 106.0 146.0

77 110.3 86.3 126.3



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





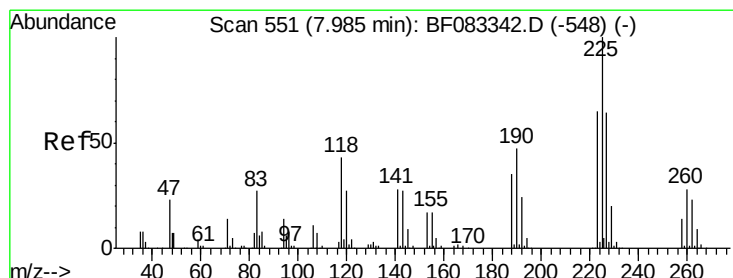
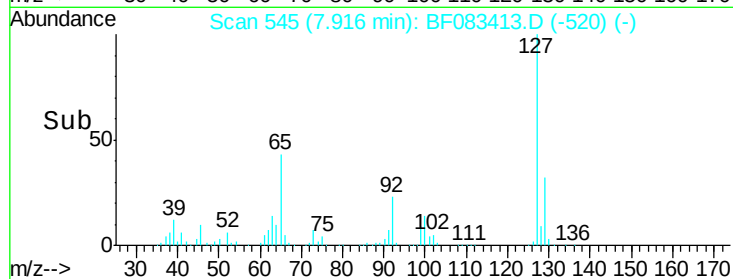
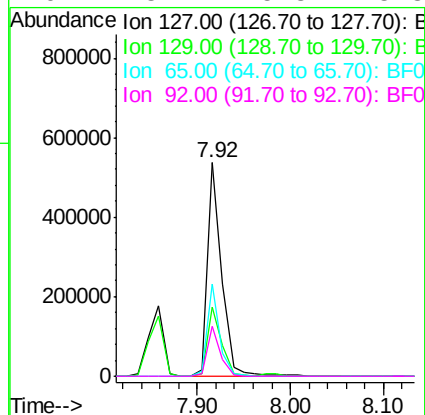
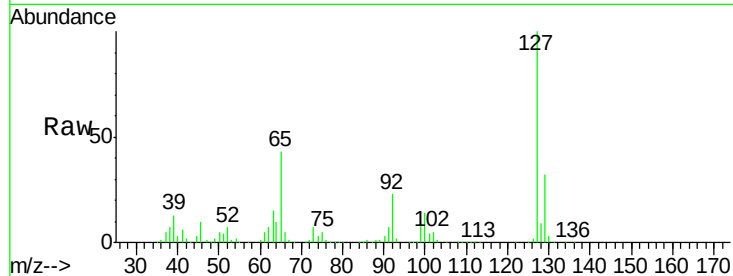
#33
4-Chloroaniline
Concen: 33.55 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		27.0	40.4	
65	43.2		25.9	38.9	
92	23.4		15.8	23.8	

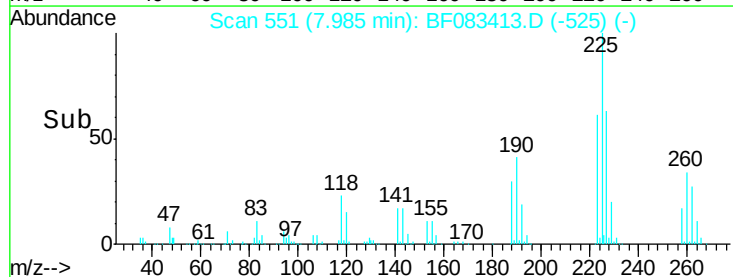
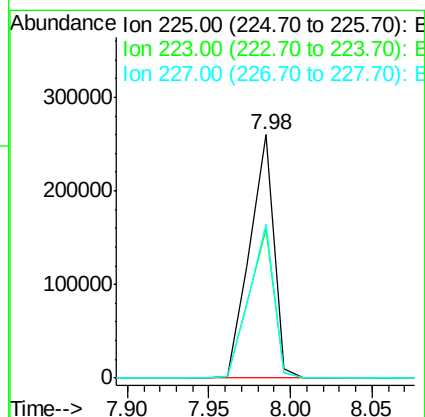
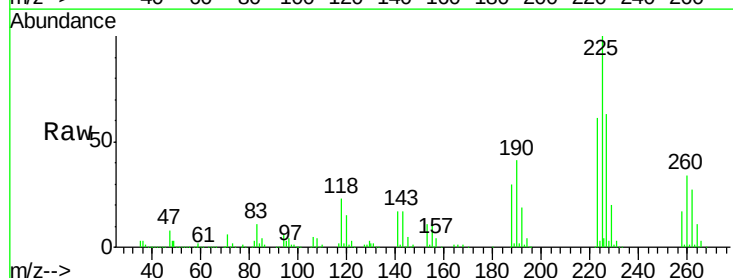
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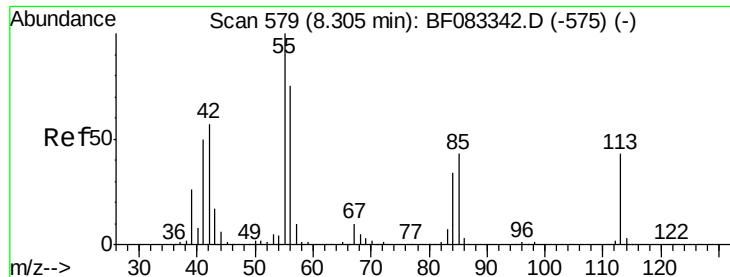
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 37.77 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4		52.0	78.0	
227	63.4		51.1	76.7	





#35

Caprolactam

Concen: 36.42 ng

RT: 8.30 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

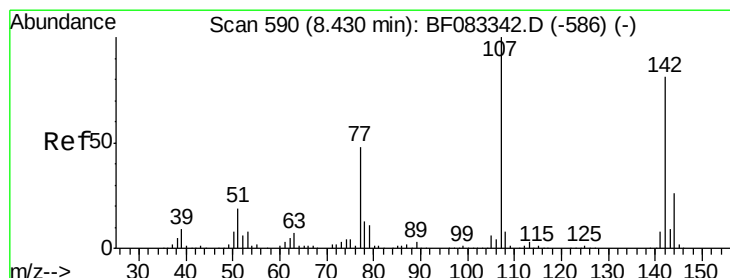
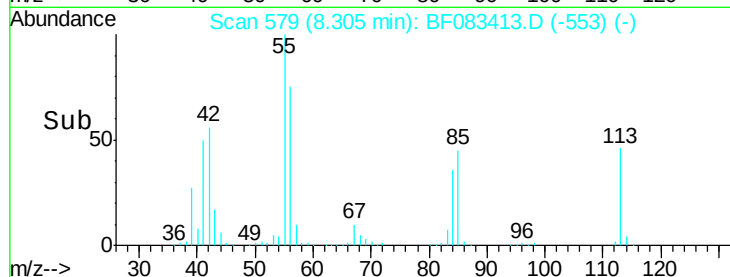
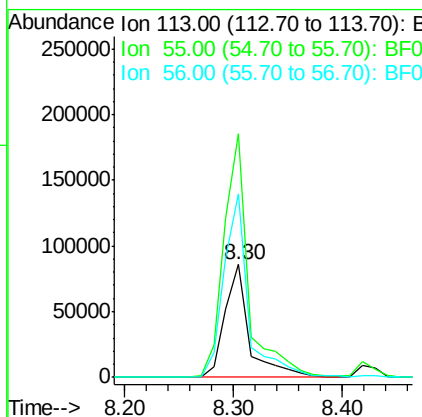
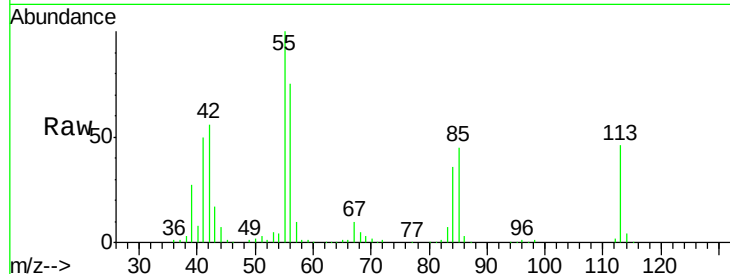
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	133032
Ion Ratio	Lower	Upper	
113	100		
55	216.3	211.6	251.6
56	162.6	153.0	193.0

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#36

4-Chloro-3-methylphenol

Concen: 35.57 ng

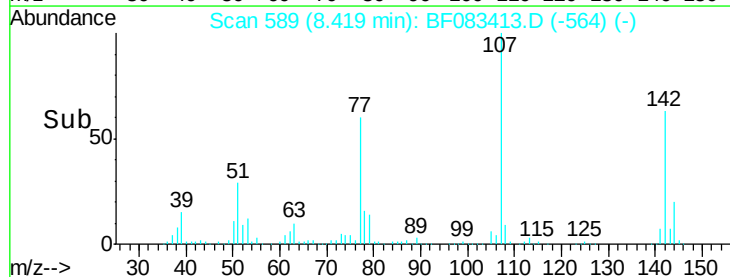
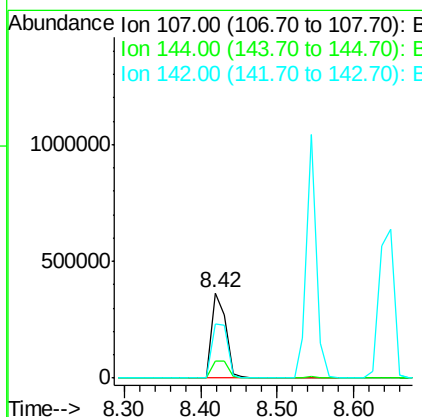
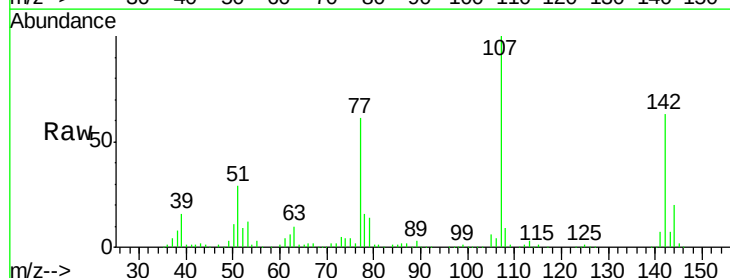
RT: 8.42 min Scan# 589

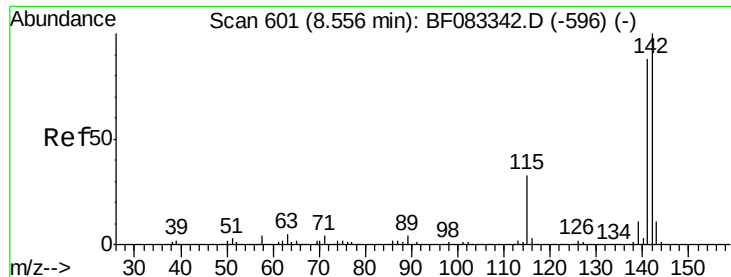
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	107	Resp:	461157
Ion Ratio	Lower	Upper	
107	100		
144	20.4	21.1	31.7#
142	62.6	65.1	97.7#





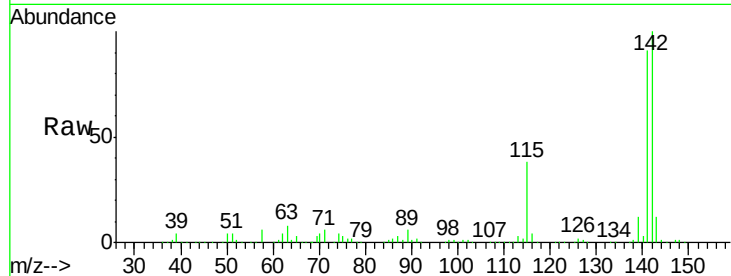
#37
2-Methylnaphthalene
Concen: 35.91 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

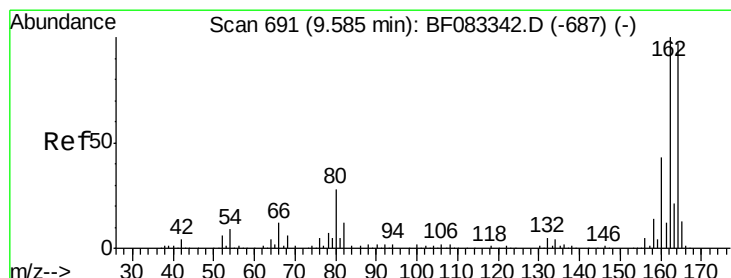
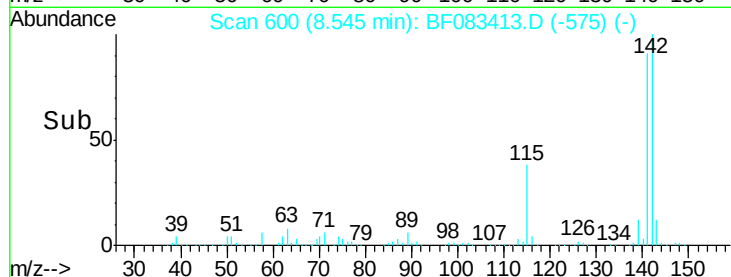
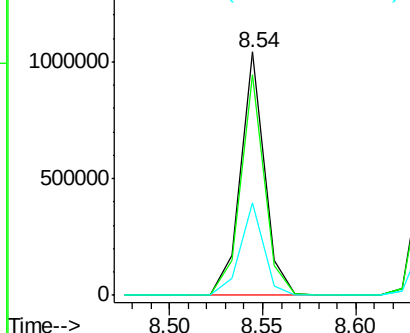
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.6	105.8
115	38.0	26.2	39.2

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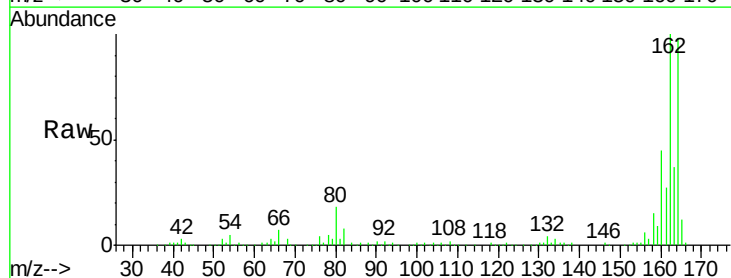


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

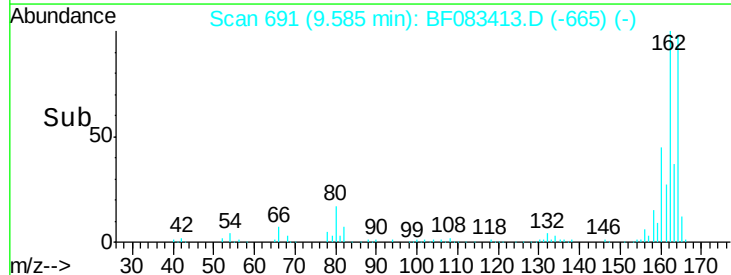
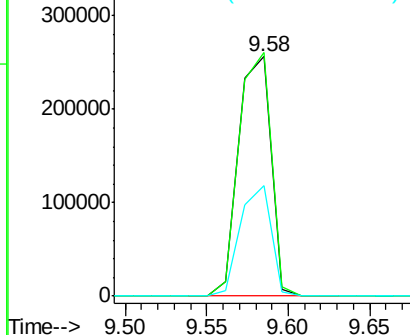


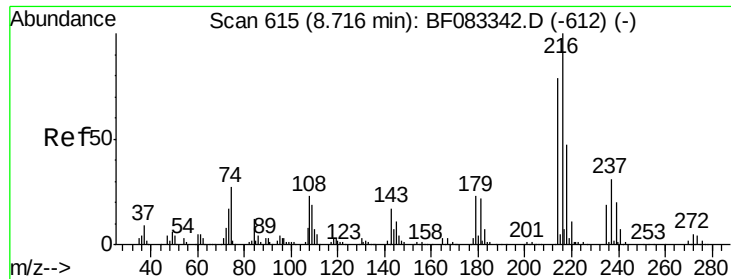
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	46.0	35.3	52.9



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: 40.21 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

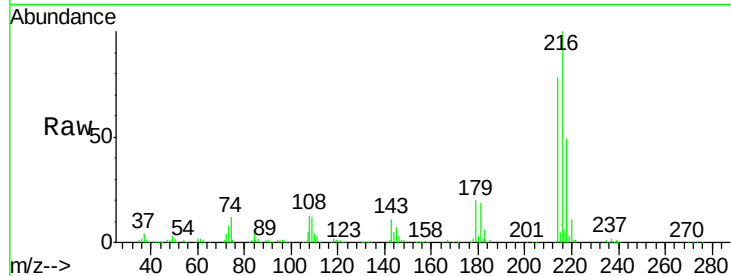
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	447764
Ion Ratio		Lower	Upper
216	100		
214	78.8	62.3	93.5
179	21.1	17.0	25.4
108	18.7	16.7	25.1

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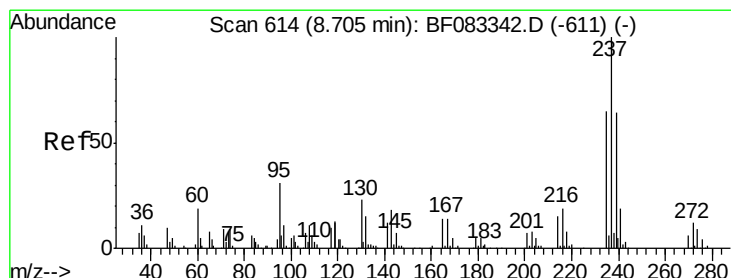
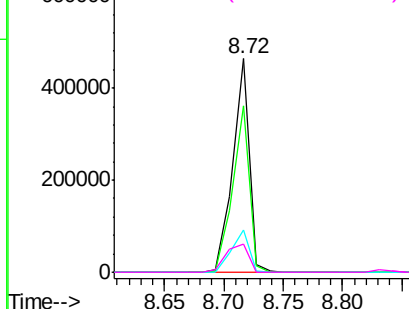
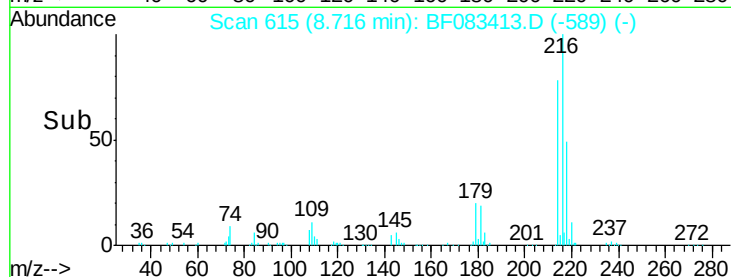


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.48 ng

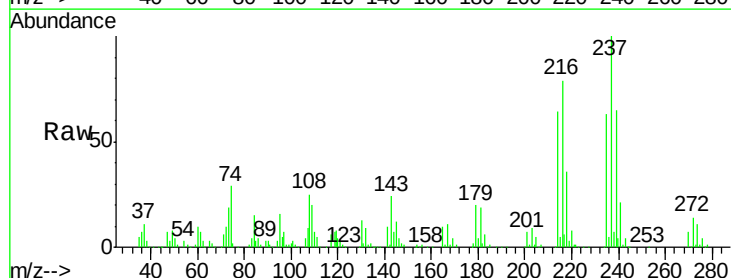
RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

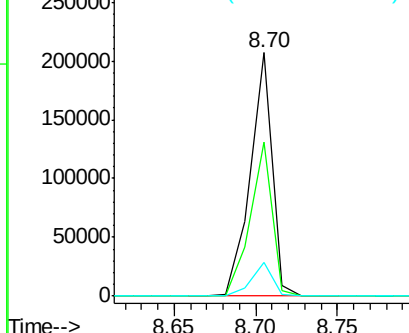
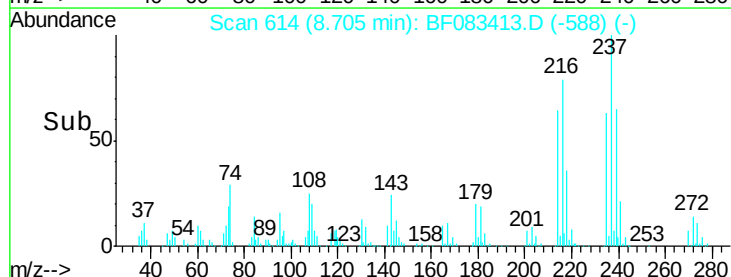
Tgt Ion:	237	Resp:	192943
Ion Ratio		Lower	Upper
237	100		
235	63.3	44.5	84.5
272	13.6	0.0	31.6

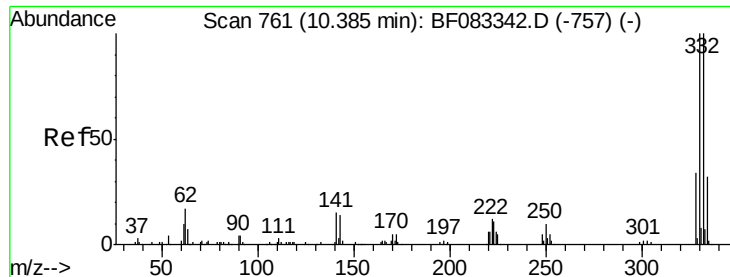


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





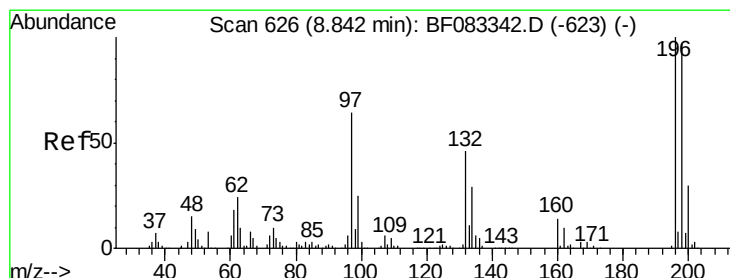
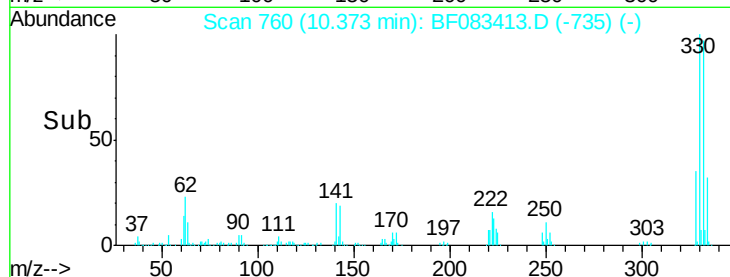
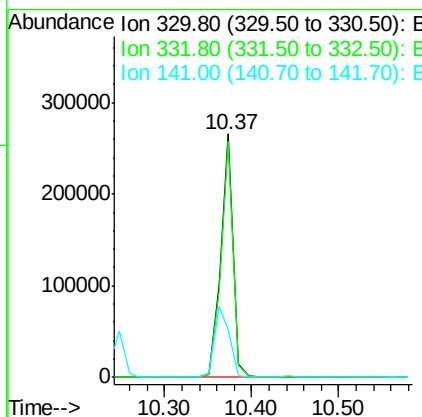
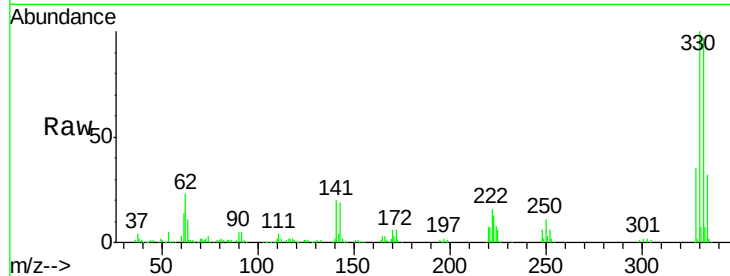
#41
 2,4,6-Tribromophenol
 Concen: 75.95 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267812		
332	96.1	77.8	116.6	
141	35.5	29.4	44.0	

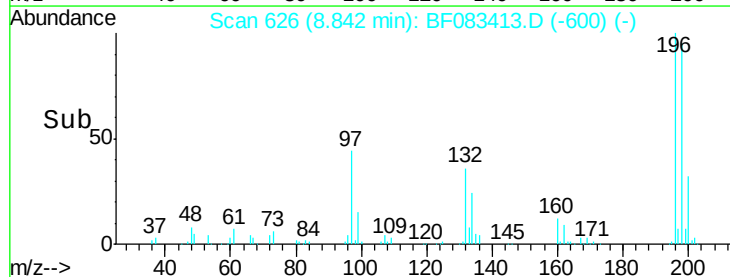
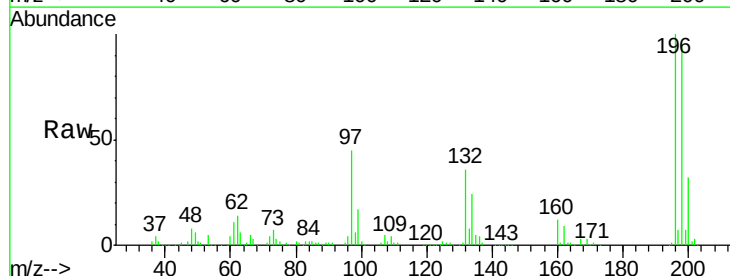
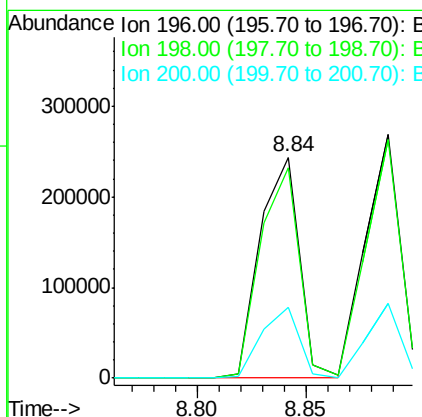
Manual Integrations
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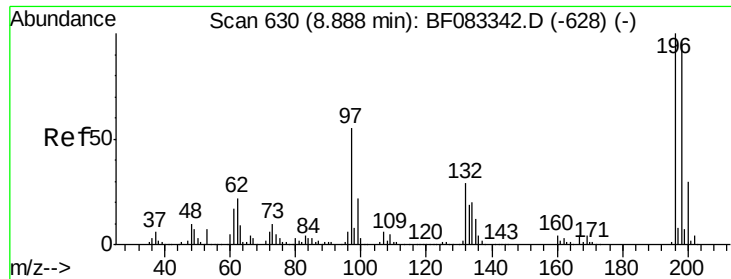
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#42
 2,4,6-Trichlorophenol
 Concen: 39.59 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309207		
198	95.1	77.2	115.8	
200	32.0	24.2	36.4	





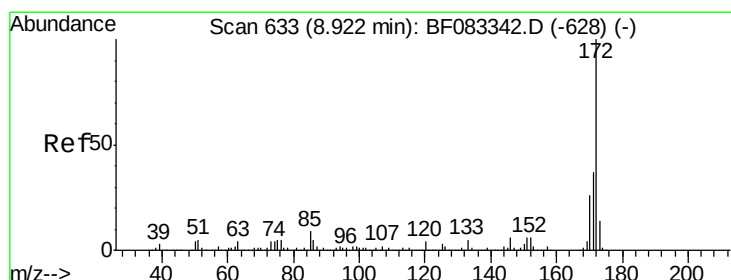
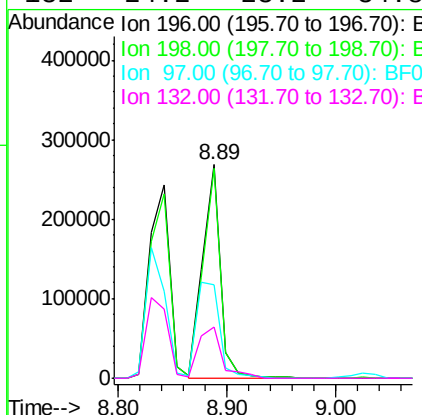
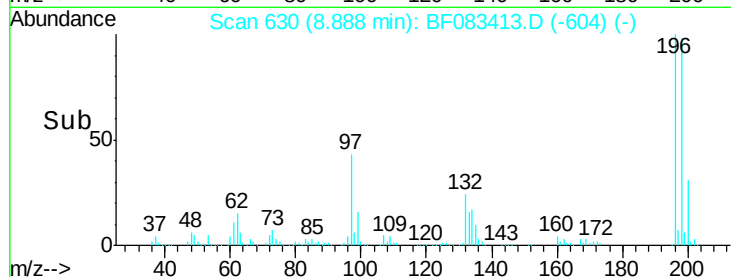
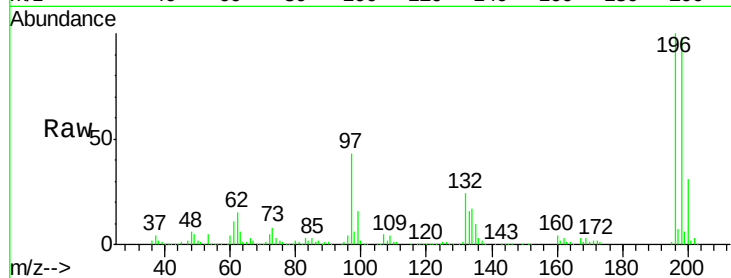
#43
 2,4,5-Trichlorophenol
 Concen: 38.18 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		308999		
198	98.0	77.2	115.8		
97	43.5	44.4	66.6		
132	24.2	23.2	34.8		

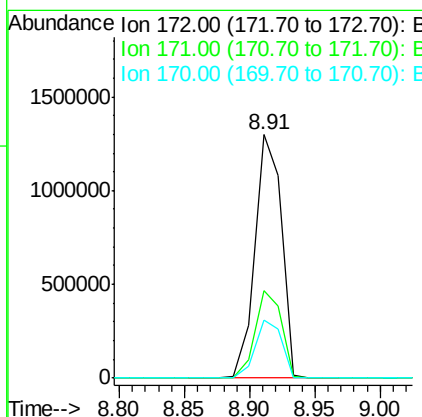
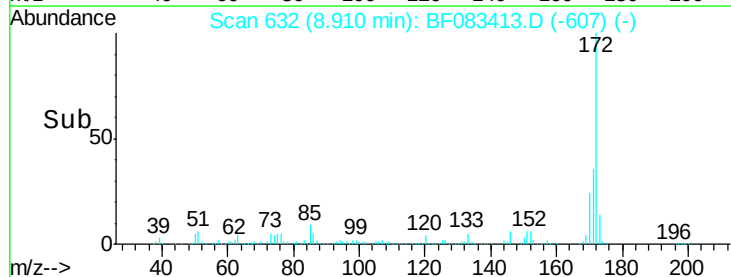
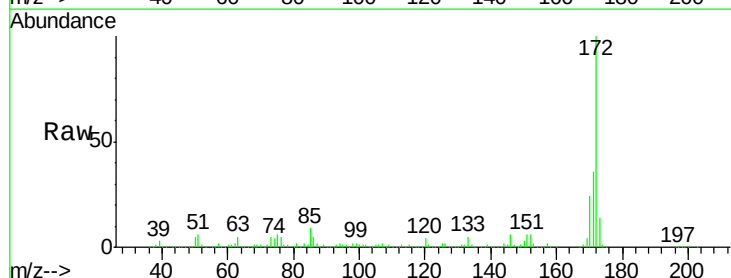
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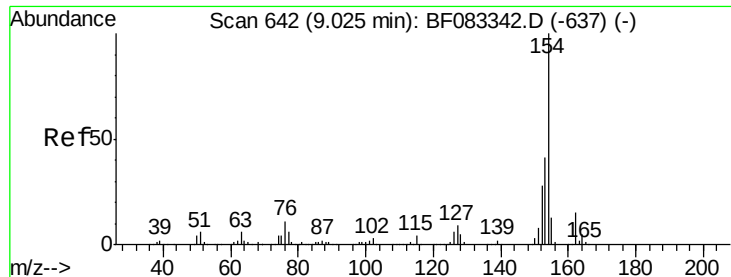
Mmdadoda
 12/3/2015 7:09:22 PM



#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1844696		
171	35.9	29.4	44.0		
170	23.8	20.4	30.6		





#45

1,1'-Biphenyl

Concen: 39.06 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1203205

Ion Ratio Lower Upper

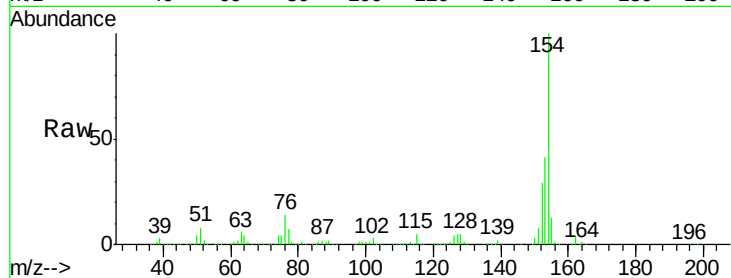
154 100

153 40.5 20.6 60.6

76 14.0 0.0 30.5

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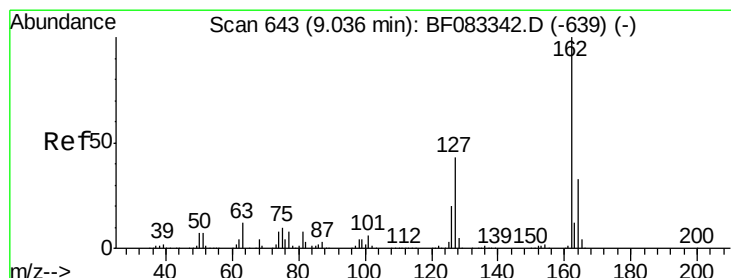
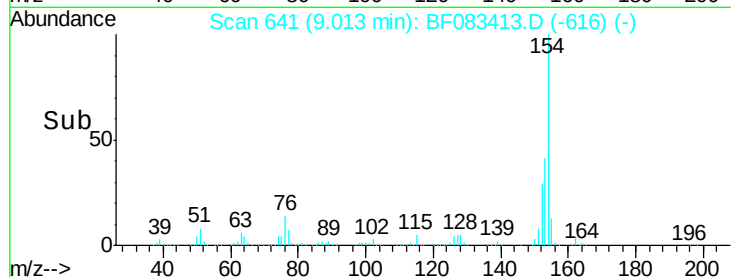
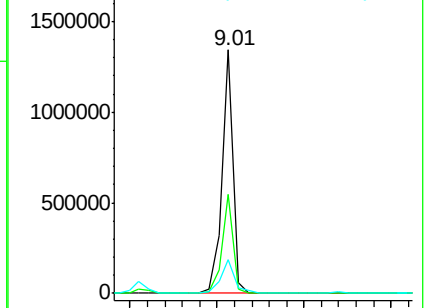
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.26 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

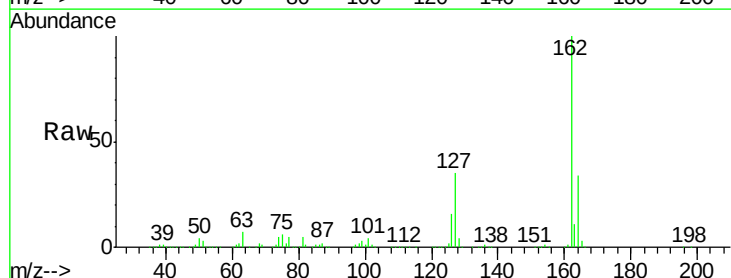
Tgt Ion:162 Resp: 898136

Ion Ratio Lower Upper

162 100

127 35.0 34.1 51.1

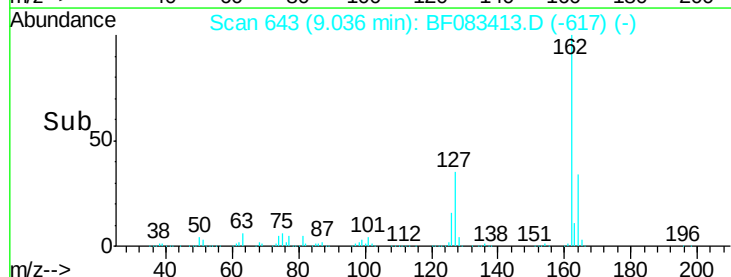
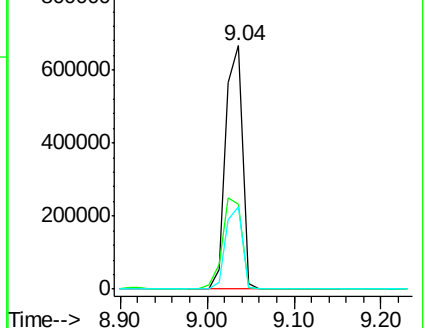
164 33.9 26.6 39.8

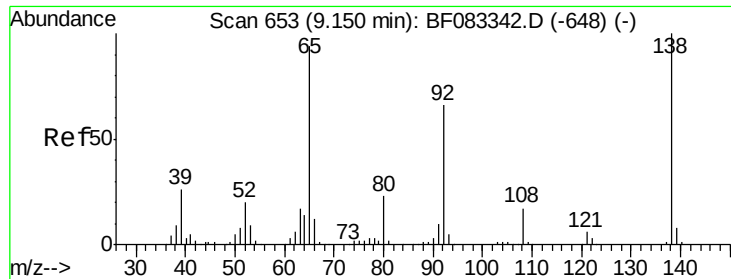


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.78 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

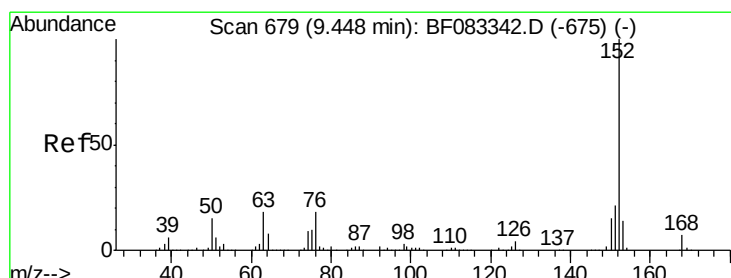
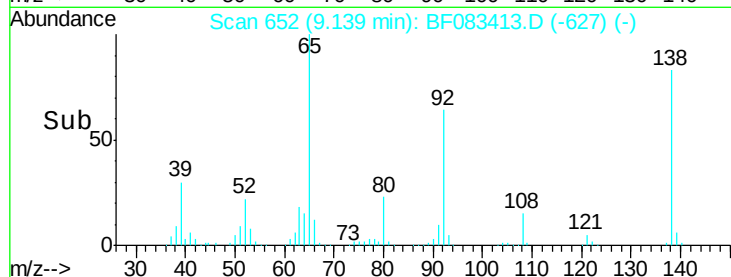
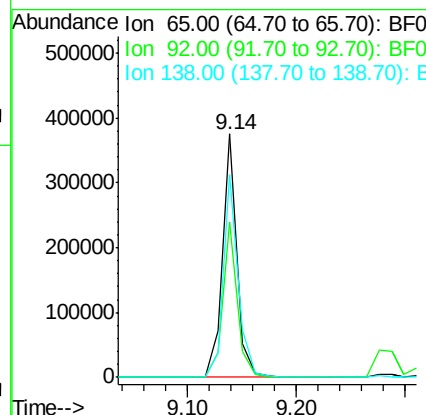
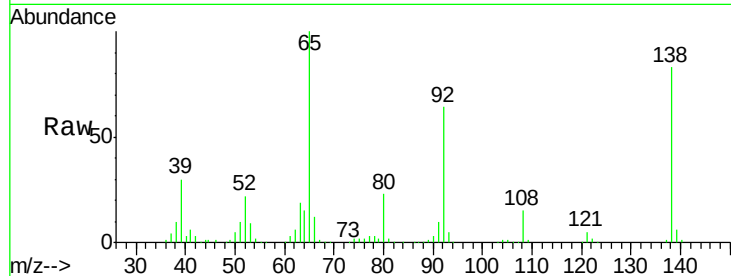
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	351219
Ion Ratio	Lower	Upper	
65	100		
92	64.0	56.2	84.4
138	83.0	85.4	128.0#

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#48

Acenaphthylene

Concen: 37.01 ng

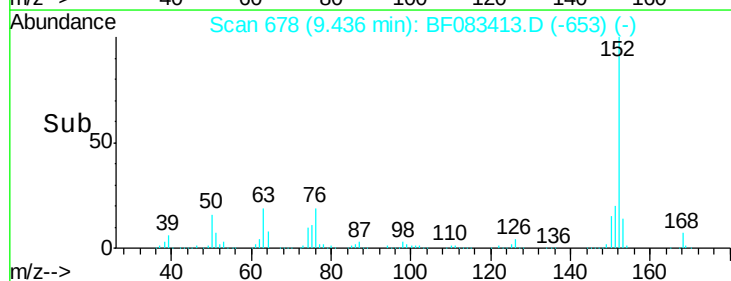
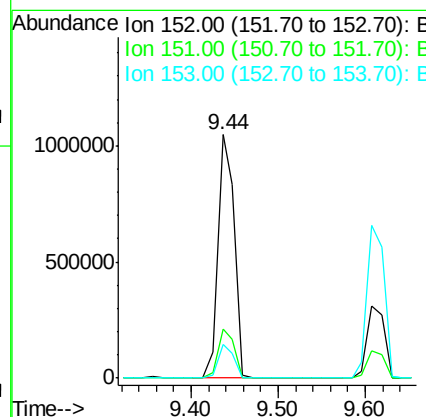
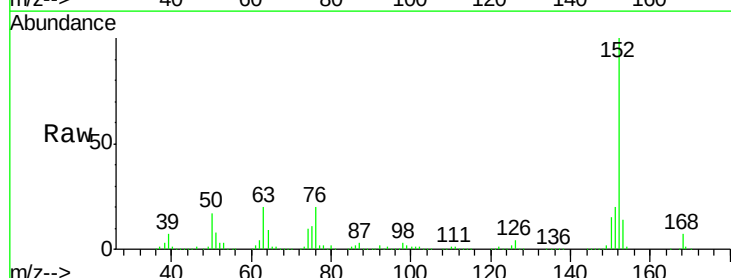
RT: 9.44 min Scan# 678

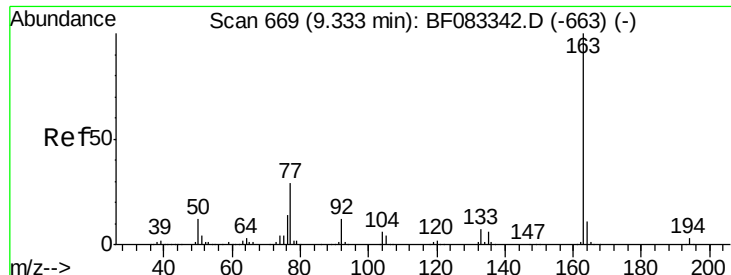
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	152	Resp:	1385614
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.7	25.1
153	13.8	11.2	16.8





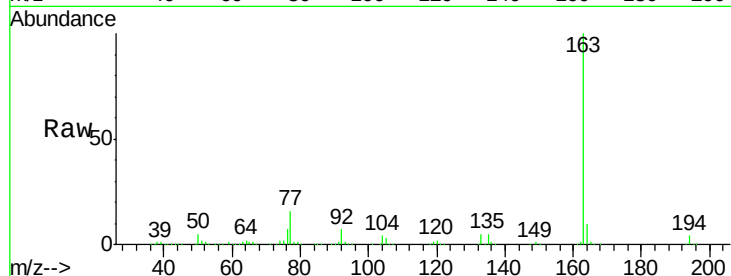
#49
Dimethylphthalate
Concen: 36.67 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

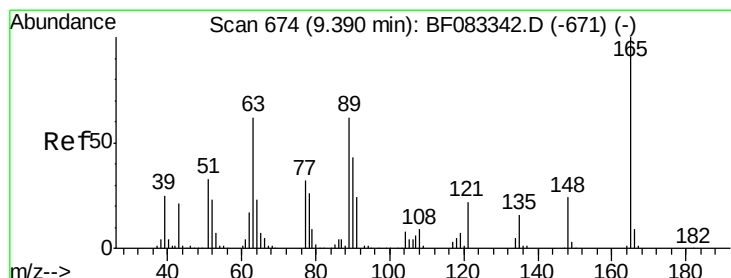
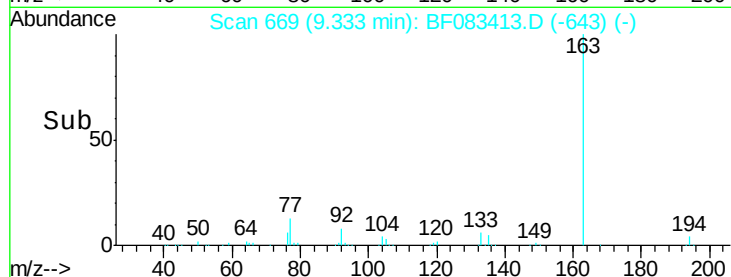
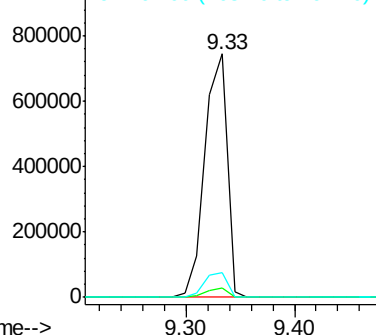
Tot Ion:163 Resp: 1046944
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.8 13.2

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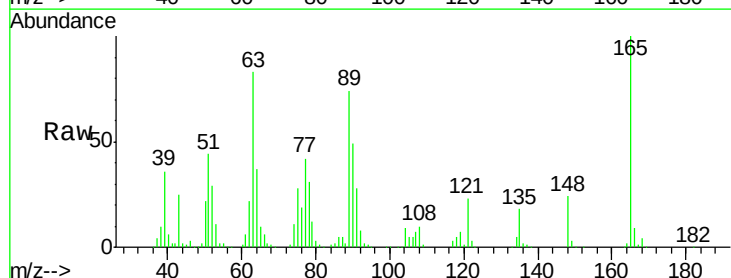


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

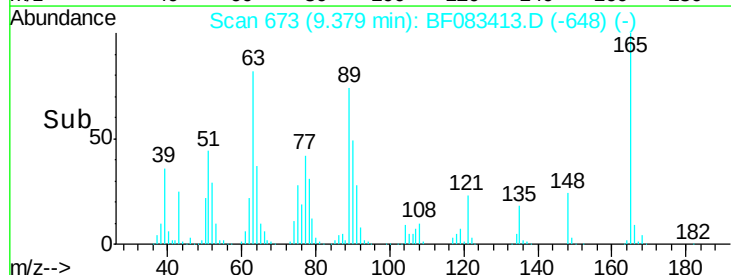
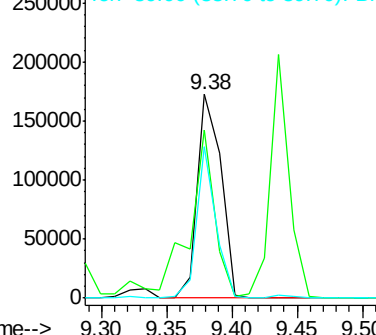


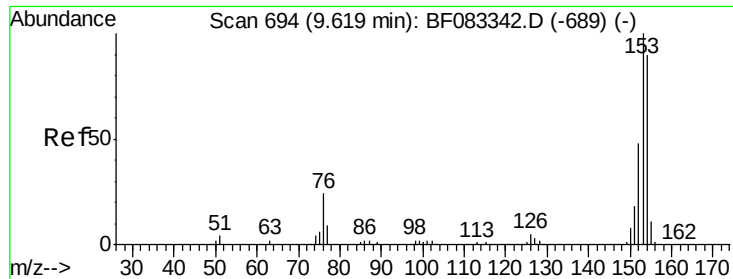
#50
2,6-Dinitrotoluene
Concen: 35.65 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion:165 Resp: 217355
Ion Ratio Lower Upper
165 100
63 82.8 56.0 84.0
89 74.2 49.8 74.8



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





#51

Acenaphthene

Concen: 35.80 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

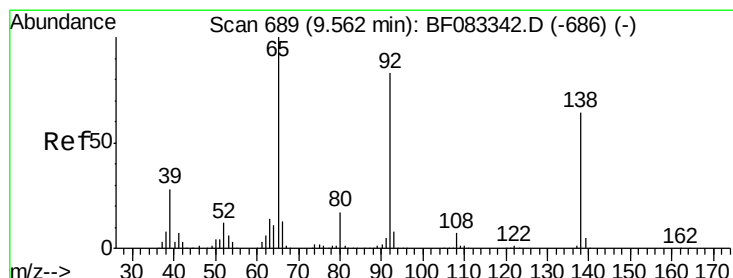
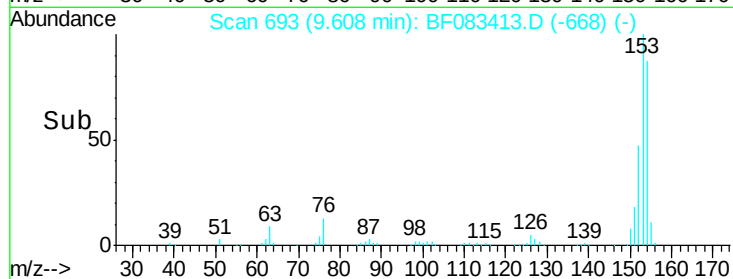
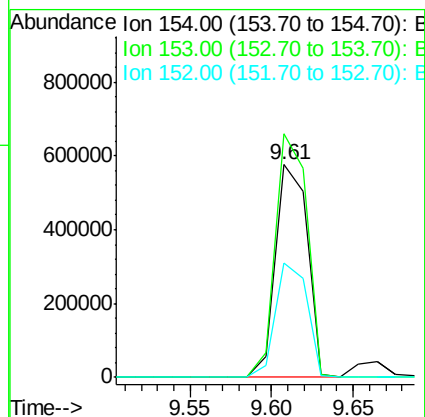
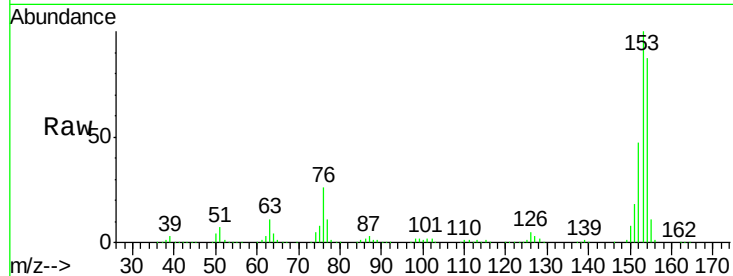
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	788514
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.3	133.9
152	53.5	42.5	63.7

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#52

3-Nitroaniline

Concen: 34.20 ng

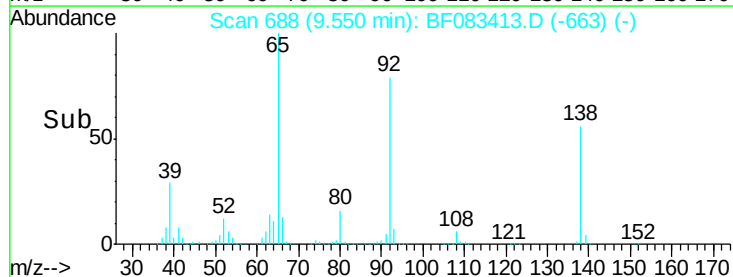
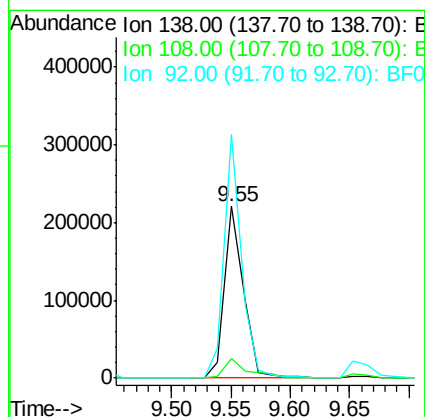
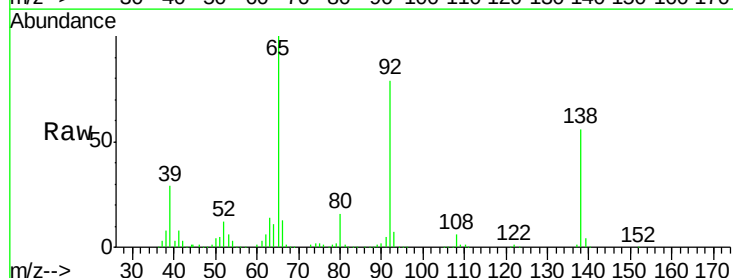
RT: 9.55 min Scan# 688

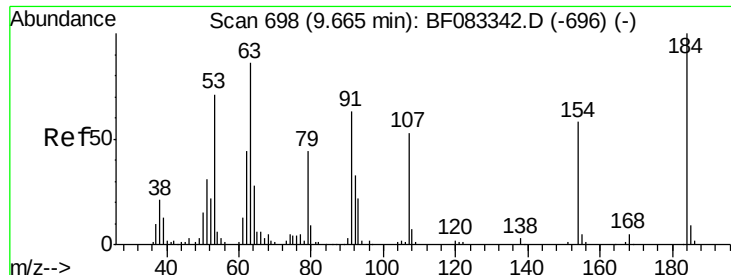
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	138	Resp:	244362
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.4	12.6
92	141.7	104.2	156.4





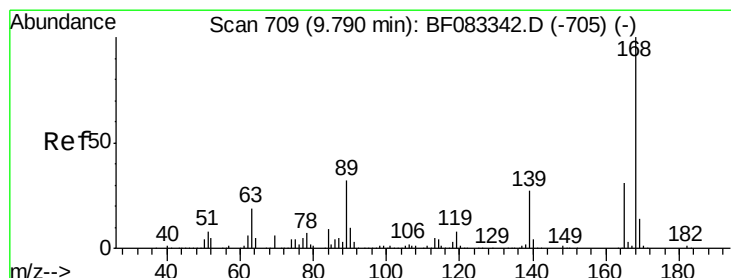
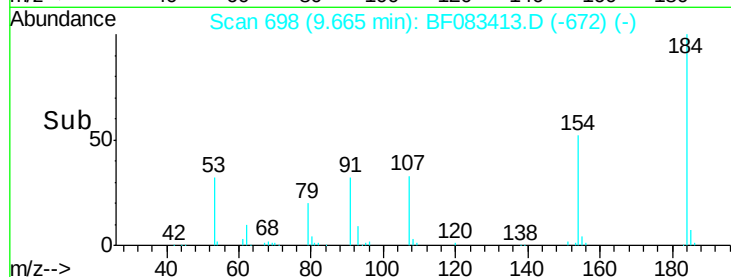
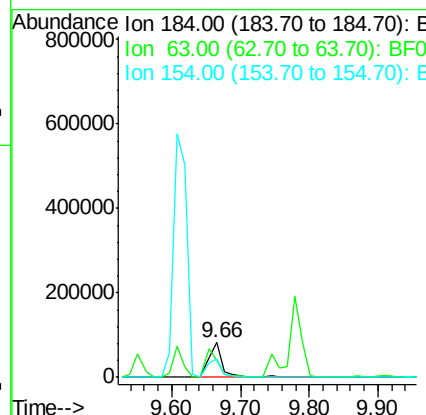
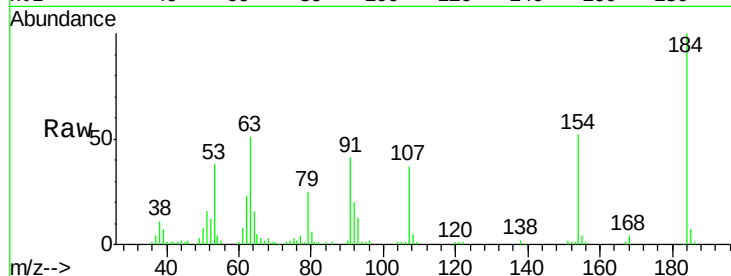
#53
2,4-Dinitrophenol
Concen: 34.62 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	111901		
63	50.6	69.0	103.6#	
154	52.4	50.0	75.0	

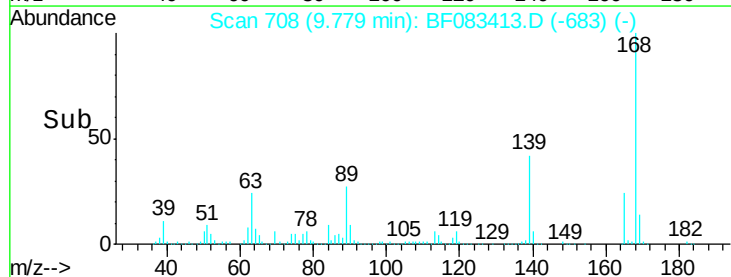
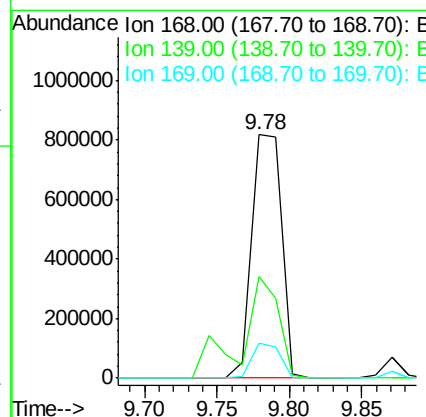
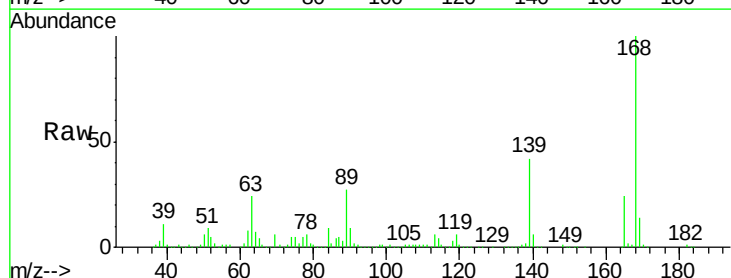
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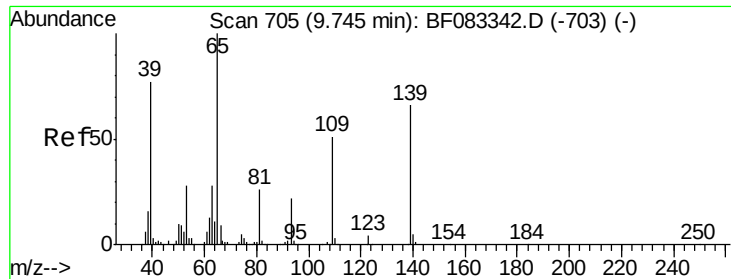
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#54
Dibenzofuran
Concen: 36.17 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1167408		
139	41.6	32.7	49.1	
169	14.4	11.1	16.7	





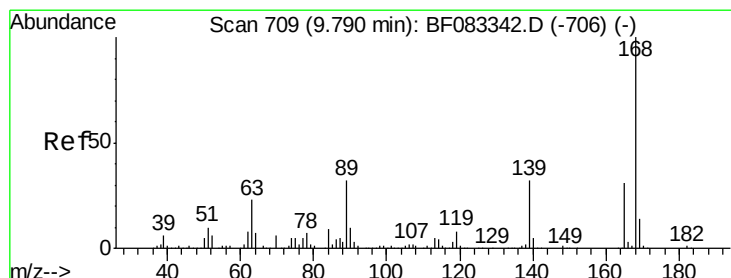
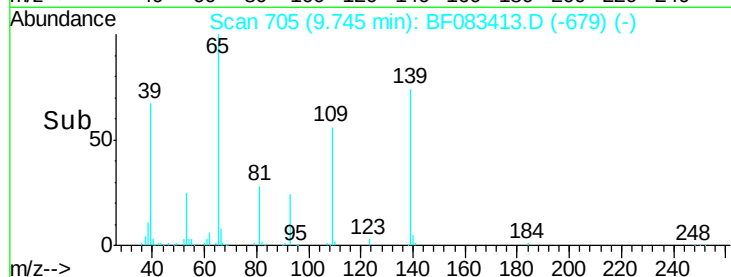
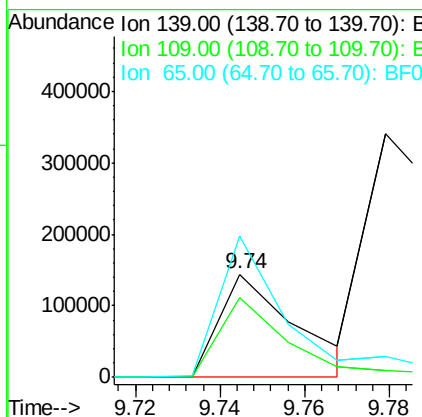
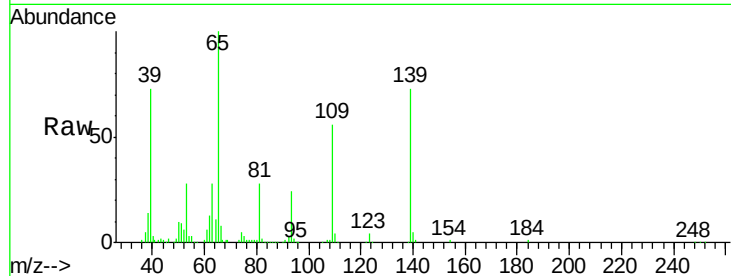
#55
4-Nitrophenol
Concen: 40.62 ng/ml
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.8	57.4	97.4
65	136.4	131.6	171.6

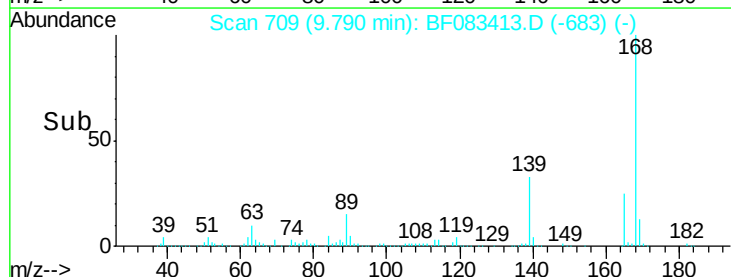
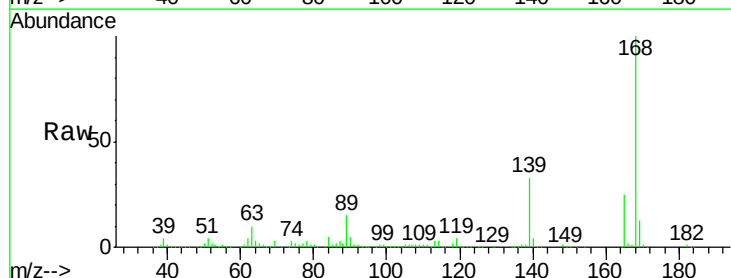
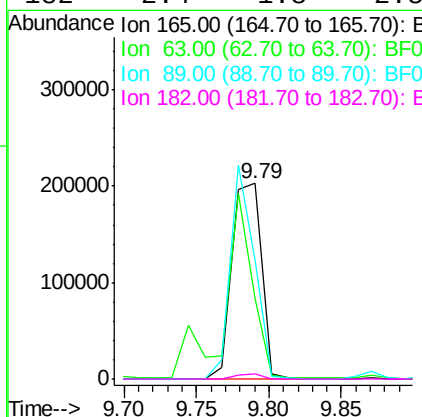
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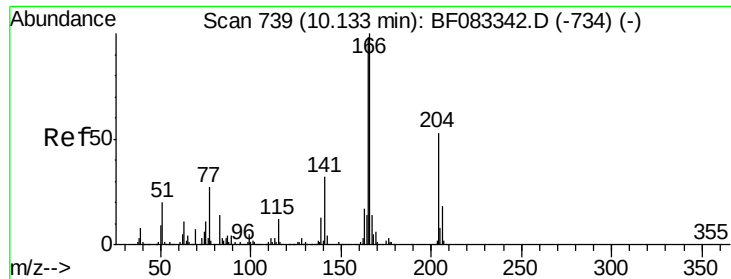
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 37.21 ng/ml
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	65.4	98.0#
89	60.9	81.2	121.8#
182	2.4	1.8	2.8





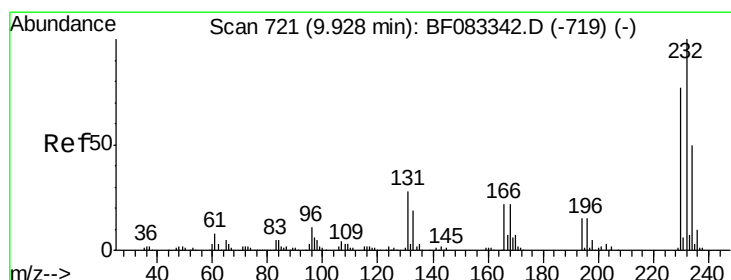
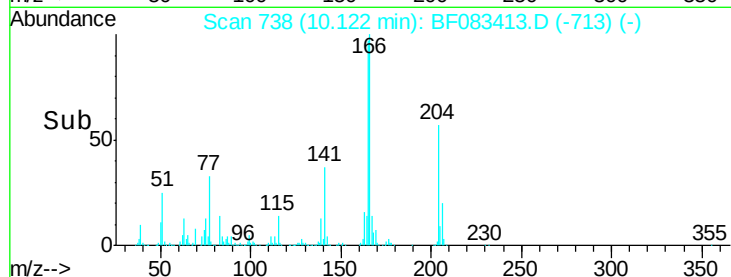
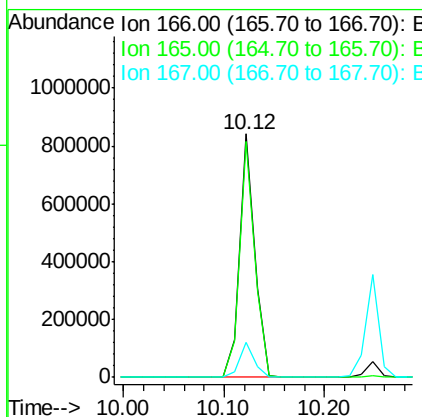
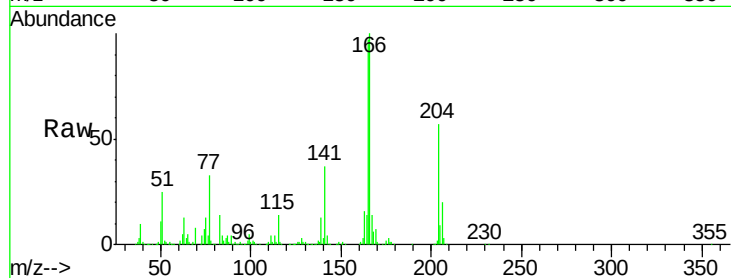
#57
Fluorene
 Concen: 34.69 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	884223		
165	96.8		78.3	117.5
167	14.3		11.1	16.7

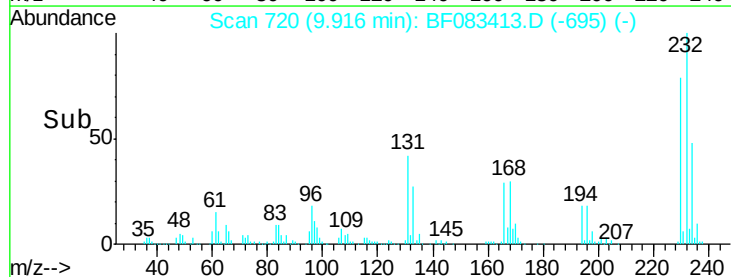
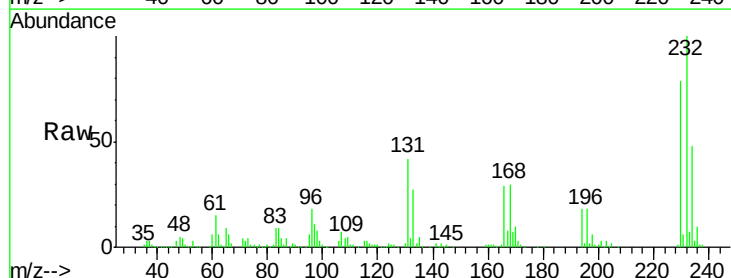
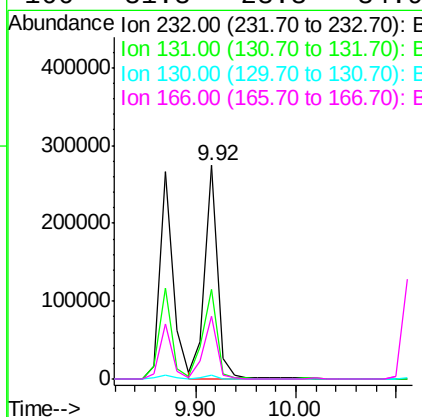
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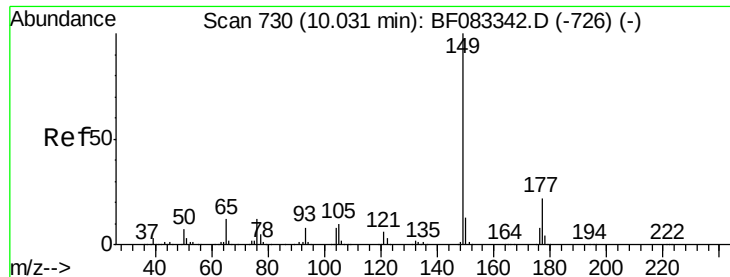
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.70 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	246162		
131	46.5		35.4	53.2
130	2.2		1.7	2.5
166	31.3		23.3	34.9





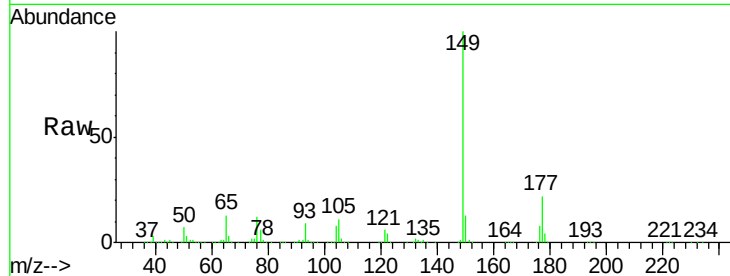
#59
Diethylphthalate
Concen: 35.47 ng
RT: 10.02 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

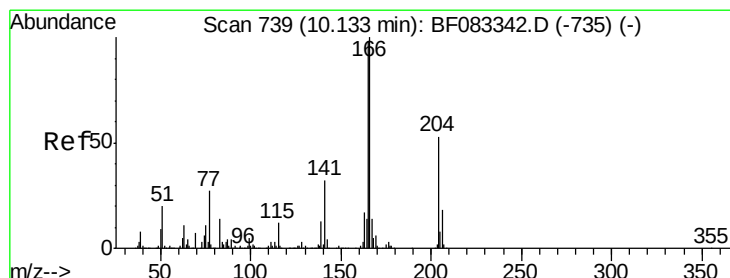
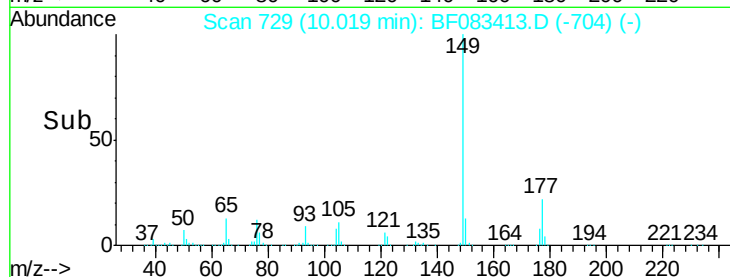
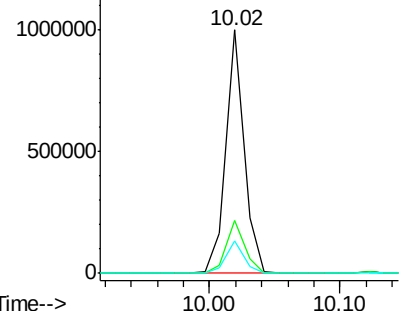
Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.6	17.4	26.2
150	13.2	10.4	15.6

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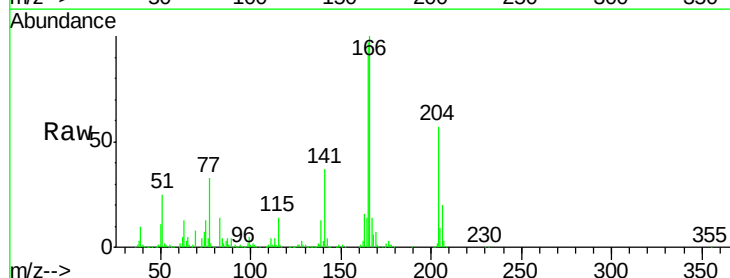


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

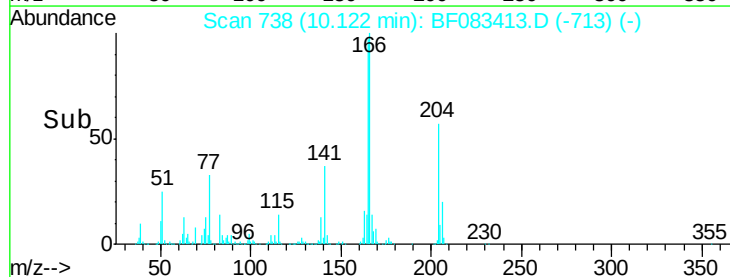
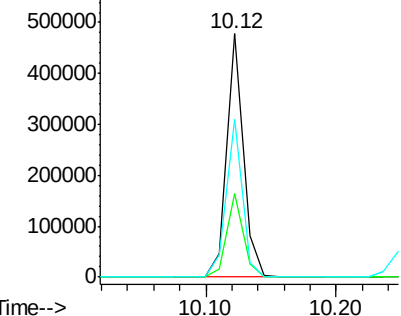


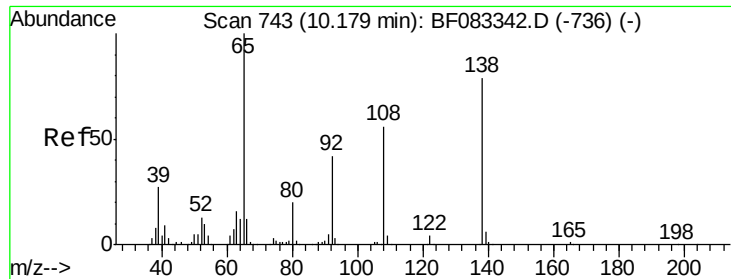
#60
4-Chlorophenyl-phenylether
Concen: 35.71 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.4	27.5	41.3
141	64.7	48.1	72.1



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





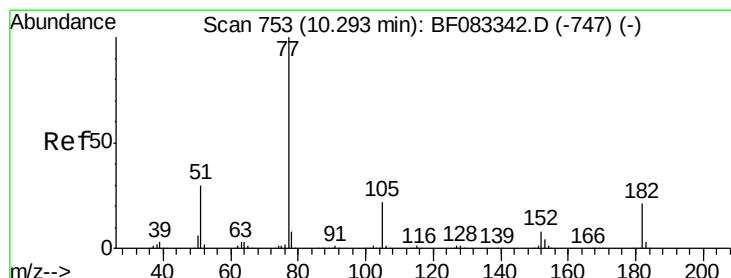
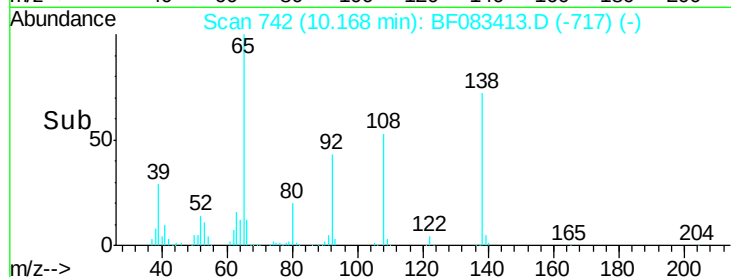
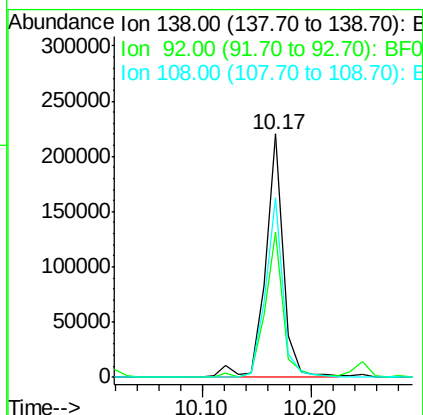
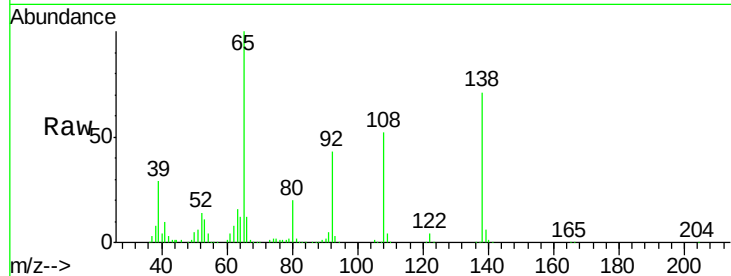
#61
4-Nitroaniline
Concen: 35.60 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.8	33.6	73.6
108	73.6	51.0	91.0

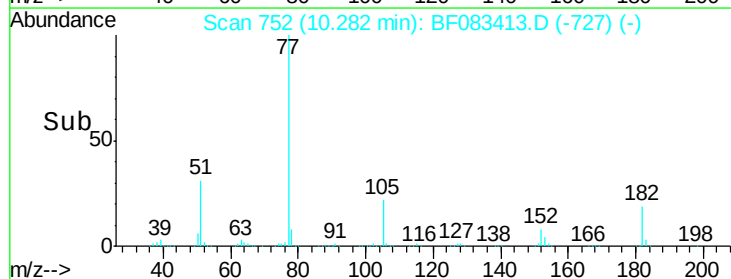
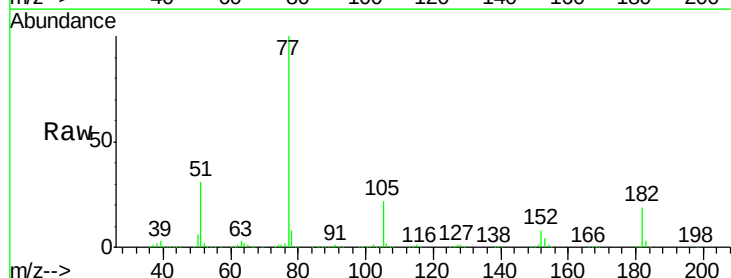
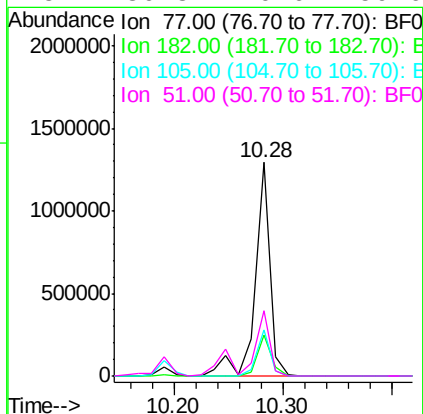
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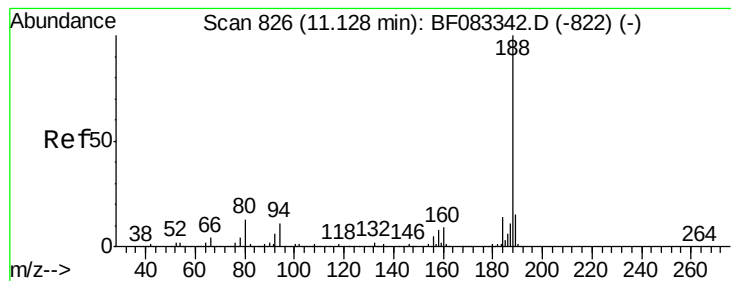
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#62
Azobenzene
Concen: 37.95 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	0.8	40.8
105	21.8	2.3	42.3
51	30.8	10.6	50.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

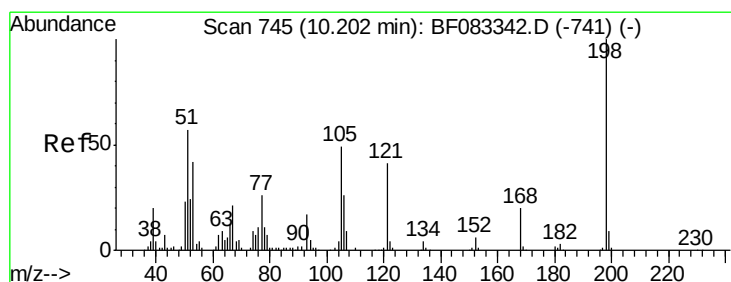
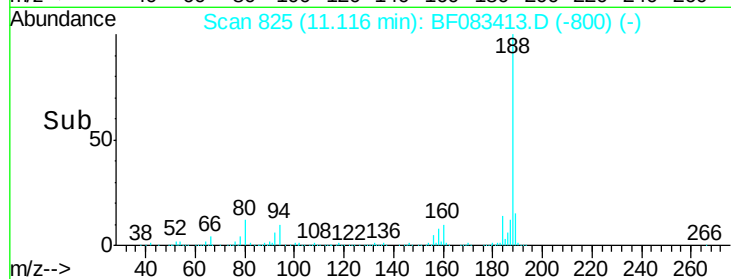
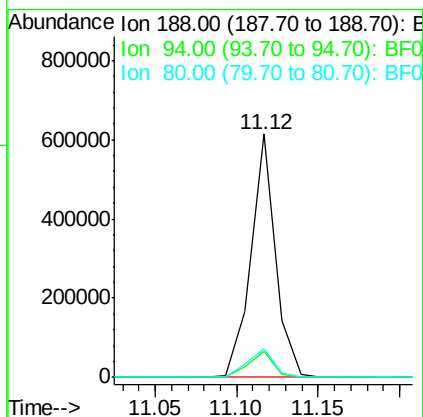
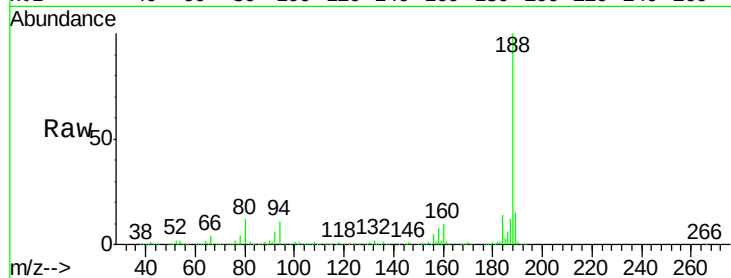
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	641964
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.7	13.1
80	11.9	10.3	15.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.21 ng

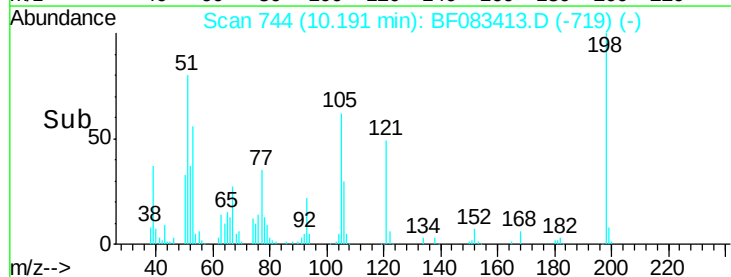
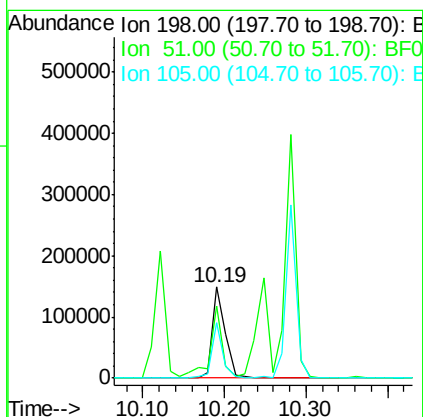
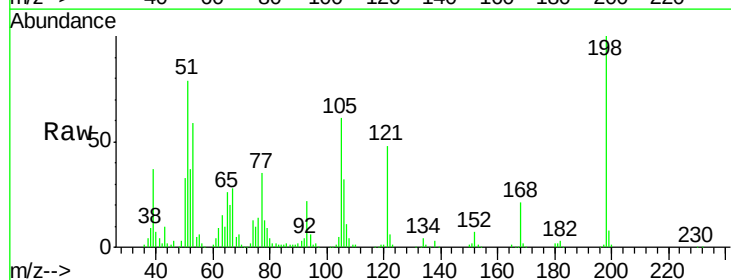
RT: 10.19 min Scan# 744

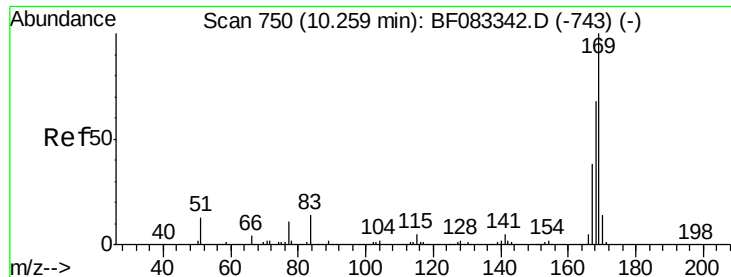
Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	198	Resp:	164696
Ion Ratio	Lower	Upper	
198	100		
51	79.3	38.3	78.3#
105	60.6	29.2	69.2





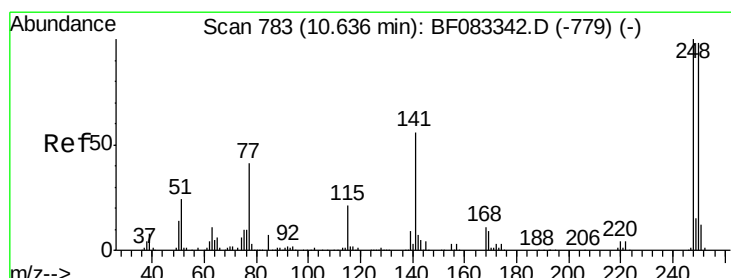
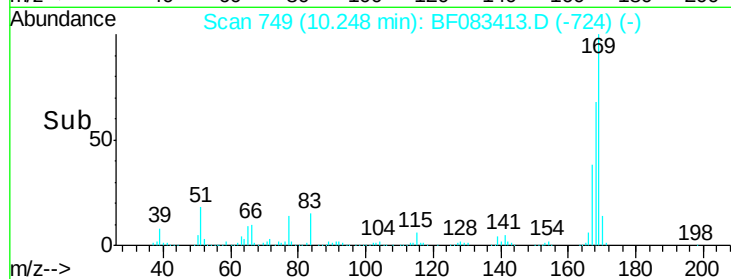
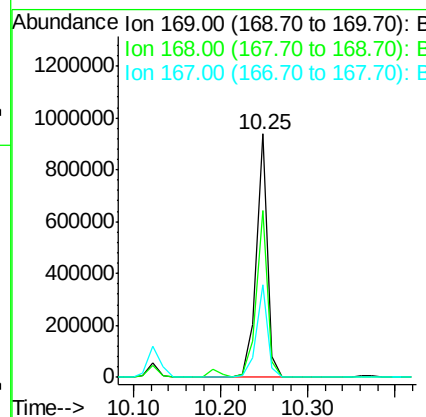
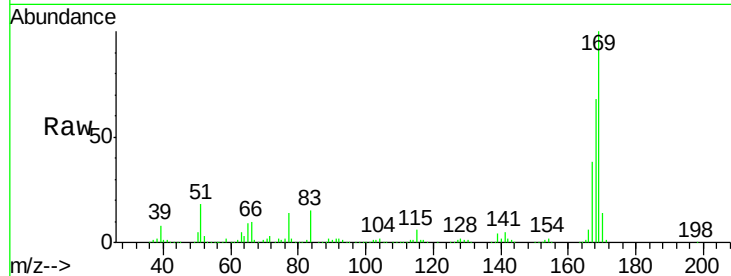
#65
n-Nitrosodiphenylamine
Concen: 38.05 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		858400		
168	68.5	54.8	82.2		
167	37.9	30.2	45.2		

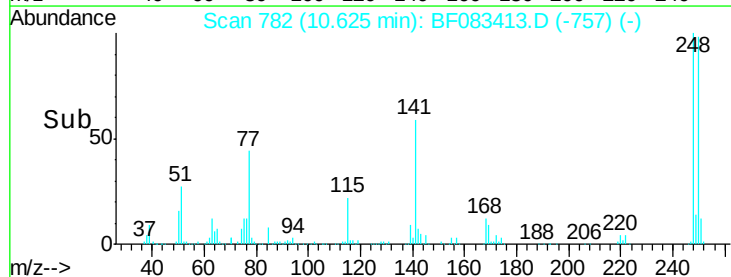
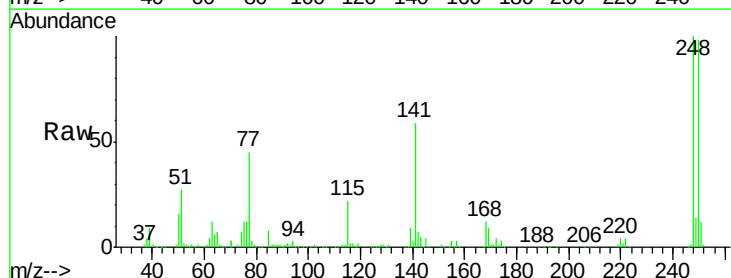
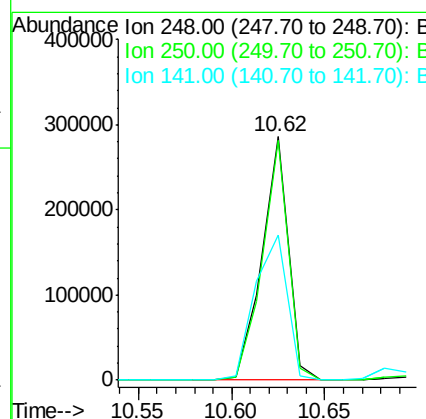
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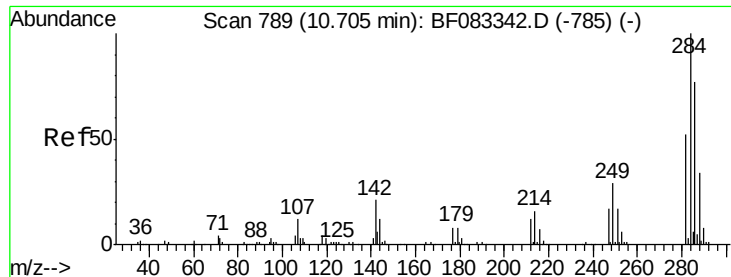
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#66
4-Bromophenyl-phenylether
Concen: 39.72 ng
RT: 10.62 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		278897		
250	98.3	78.6	118.0		
141	59.4	44.4	66.6		





#67

Hexachlorobenzene

Concen: 39.20 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

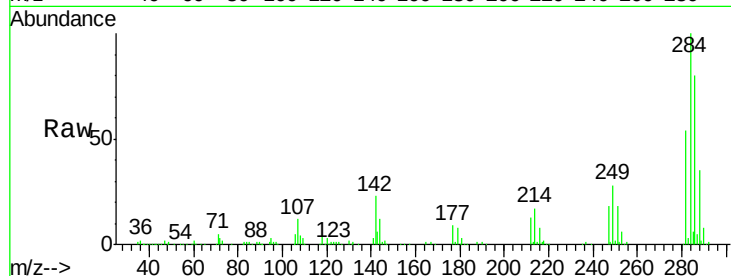
ClientSampleId :

SSTDCCC040

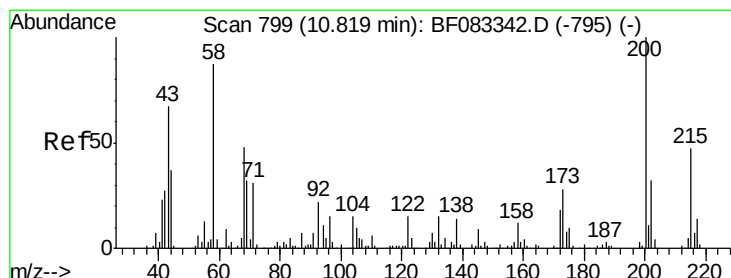
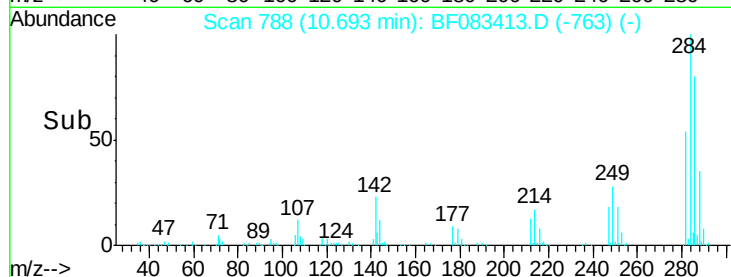
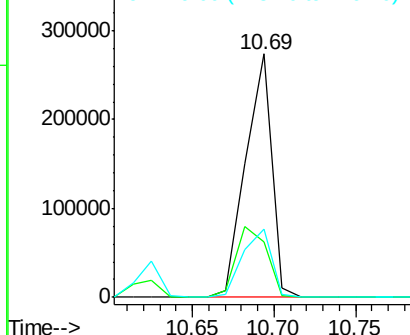
Tot Ion:	284	Resp:	304373
Ion Ratio	Lower	Upper	
284	100		
142	22.9	16.6	24.8
249	27.8	23.0	34.4

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



#68

Atrazine

Concen: 37.37 ng

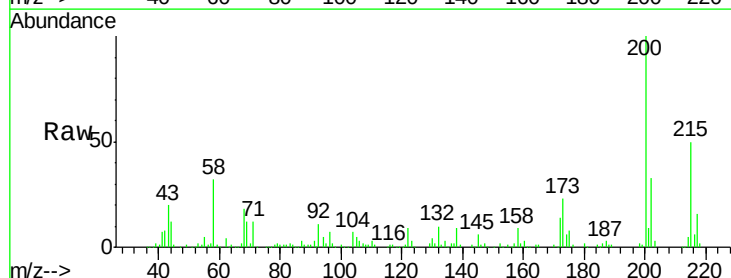
RT: 10.82 min Scan# 799

Delta R.T. 0.00 min

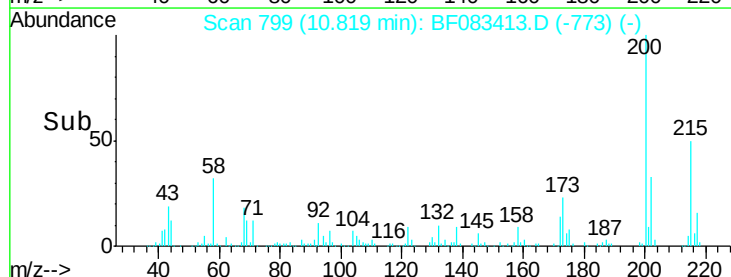
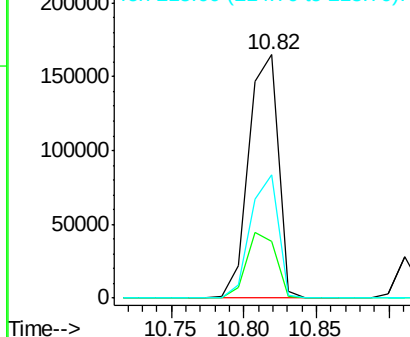
Lab File: BF083413.D

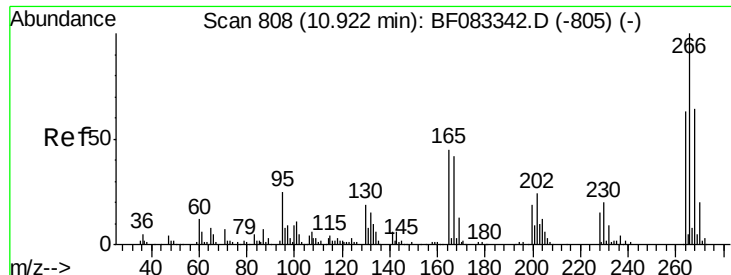
Acq: 2 Dec 2015 12:33

Tgt Ion:	200	Resp:	233181
Ion Ratio	Lower	Upper	
200	100		
173	23.4	8.3	48.3
215	50.4	26.7	66.7



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





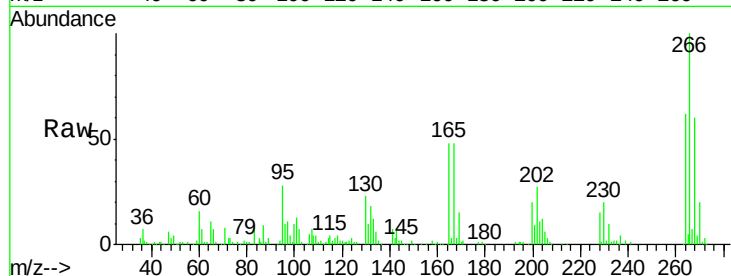
#69
 Pentachlorophenol
 Concen: 40.29 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

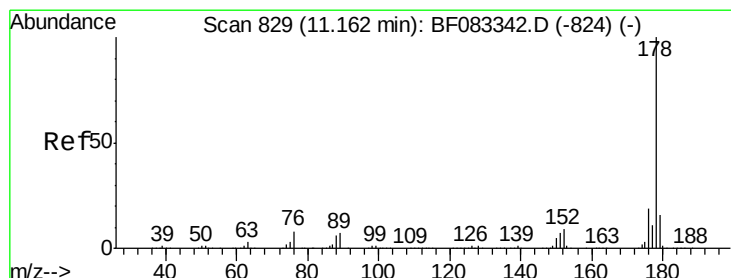
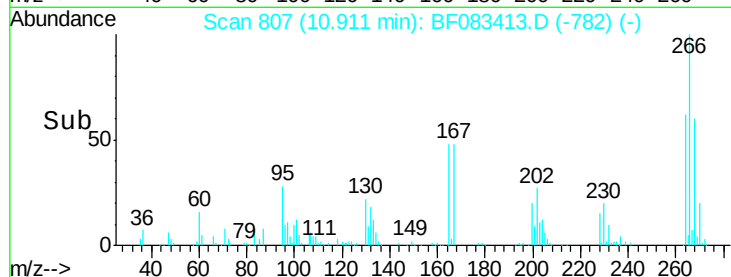
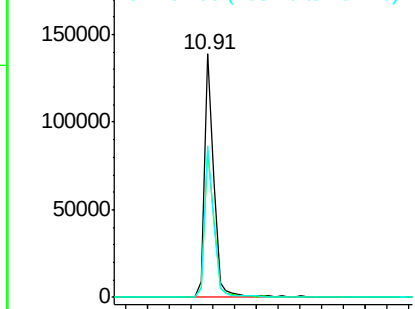
Tot Ion	Ratio	Resp	Lower	Upper
266	100	163870		
268	60.1	51.5	77.3	
264	62.3	50.4	75.6	

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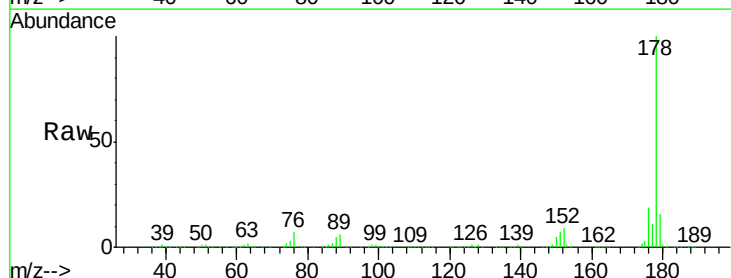


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

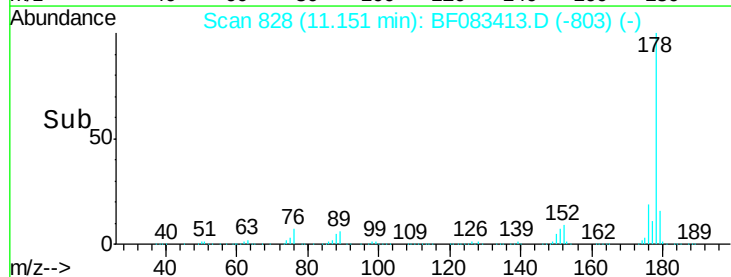
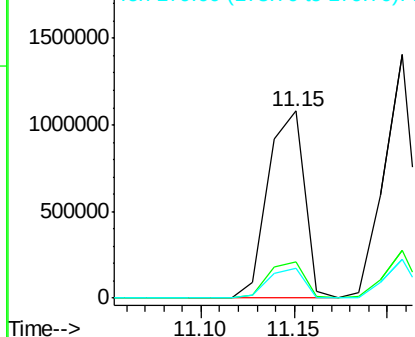


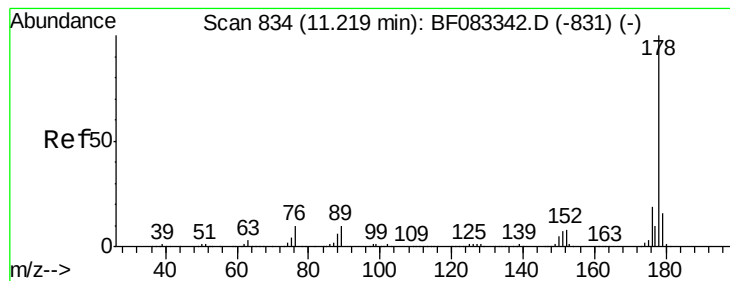
#70
 Phenanthrene
 Concen: 38.51 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1463022		
176	19.3	15.3	22.9	
179	15.7	12.4	18.6	



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





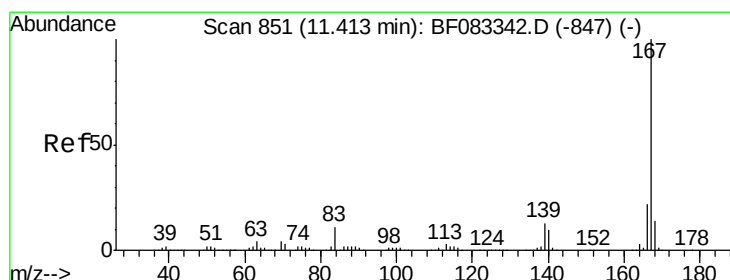
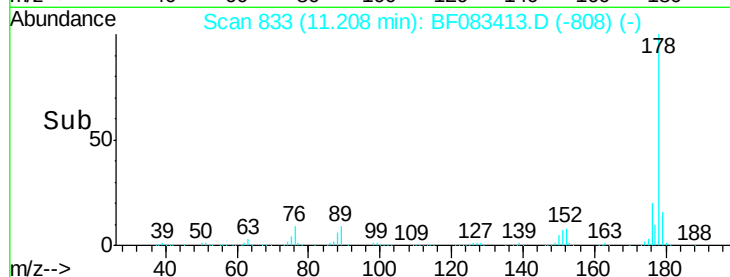
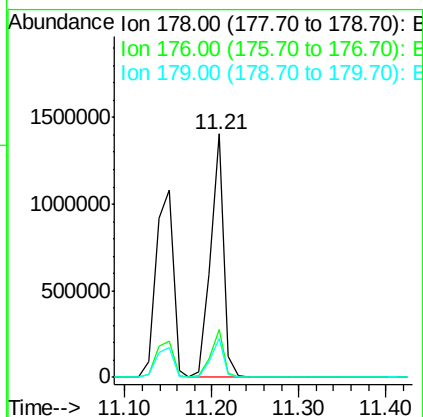
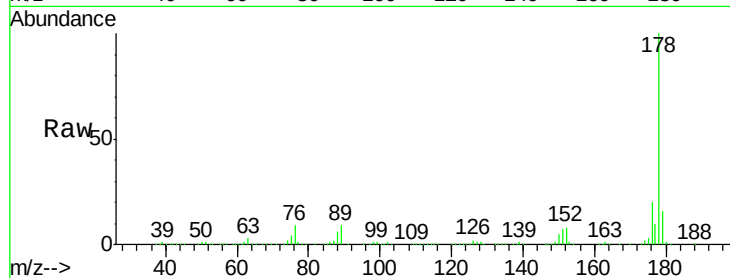
#71
 Anthracene
 Concen: 38.86 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.8	19.2

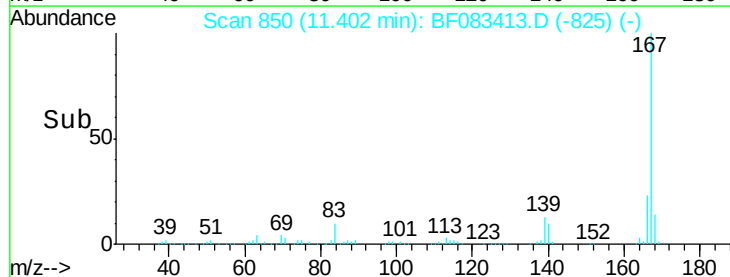
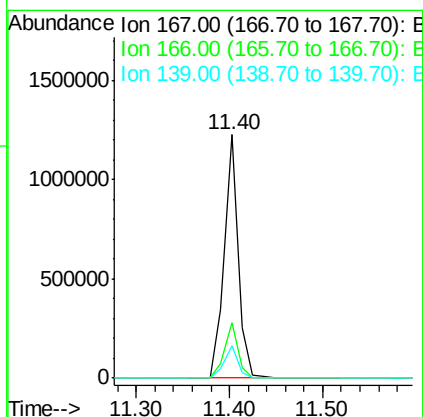
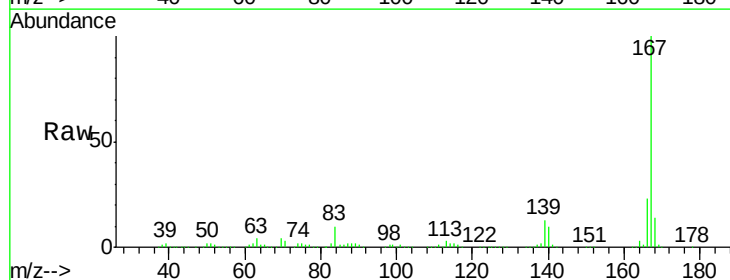
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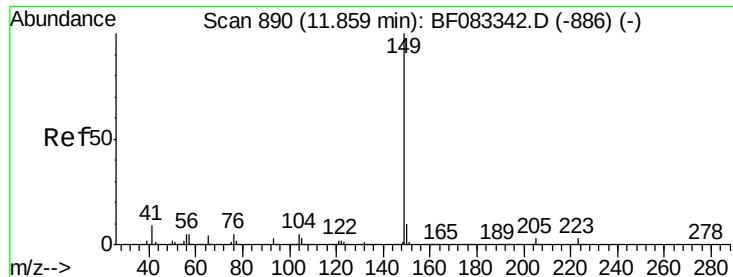
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#72
 Carbazole
 Concen: 37.21 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.3	10.5	15.7





#73

Di-n-butylphthalate

Concen: 39.77 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1619548

Ion Ratio Lower Upper

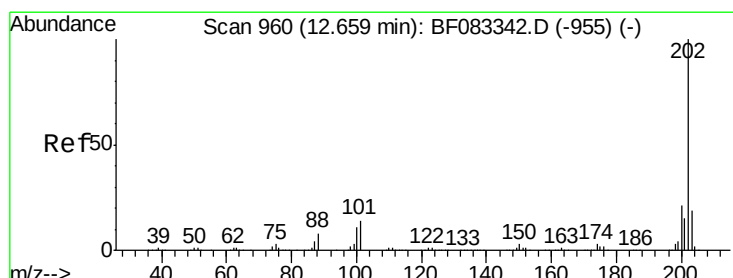
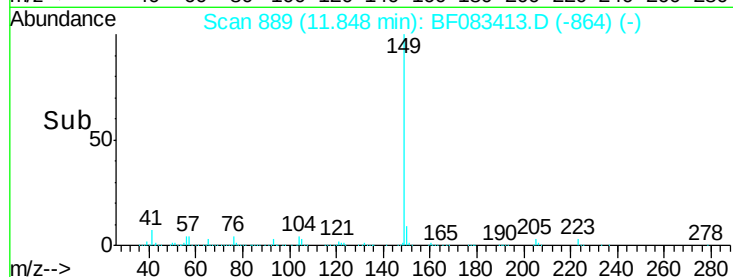
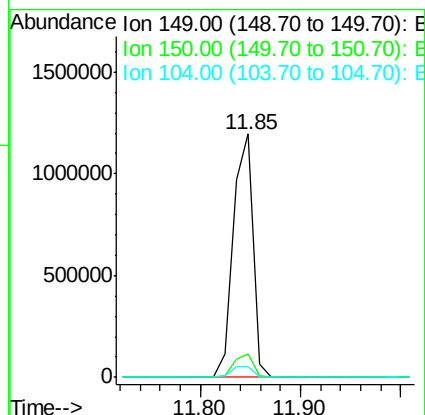
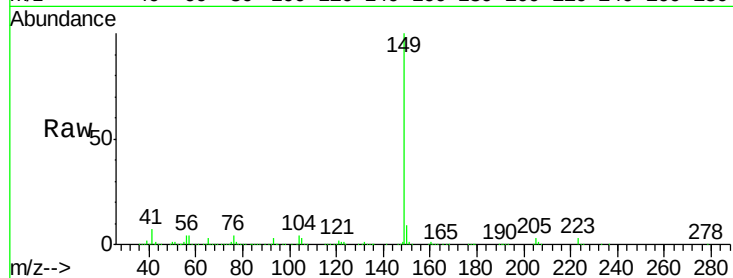
149 100

150 9.4 7.7 11.5

104 4.3 4.0 6.0

Manual Integrations
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#74

Fluoranthene

Concen: 36.74 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

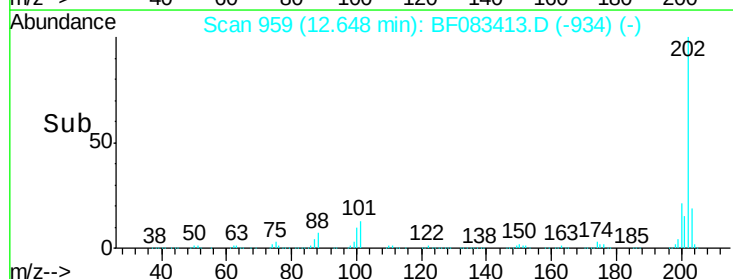
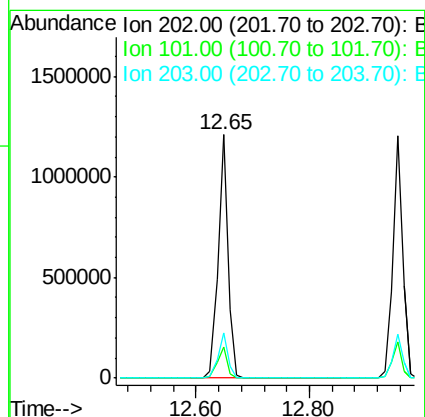
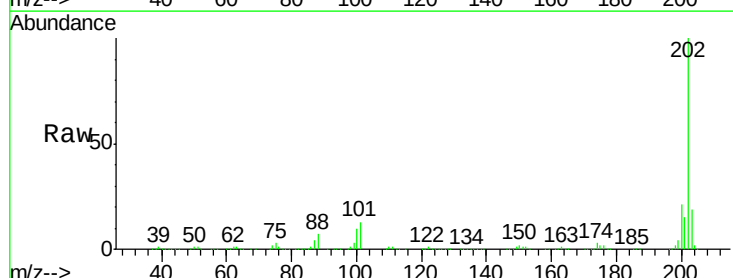
Tgt Ion:202 Resp: 1446732

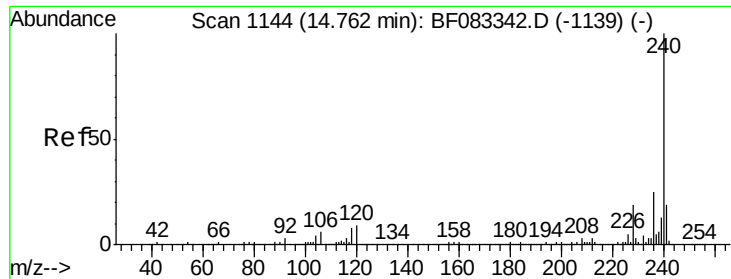
Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.5

203 18.6 0.0 38.7





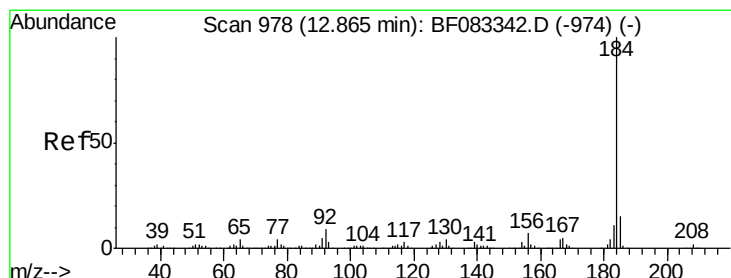
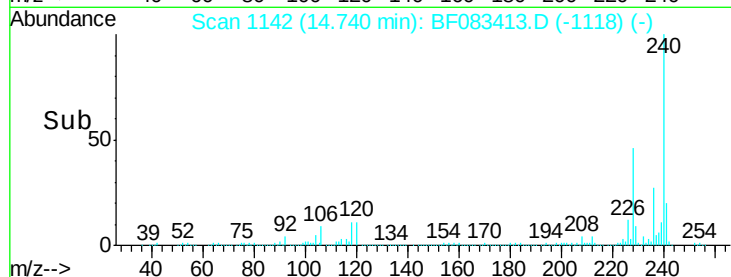
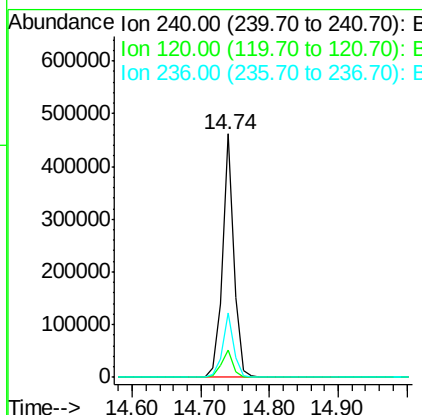
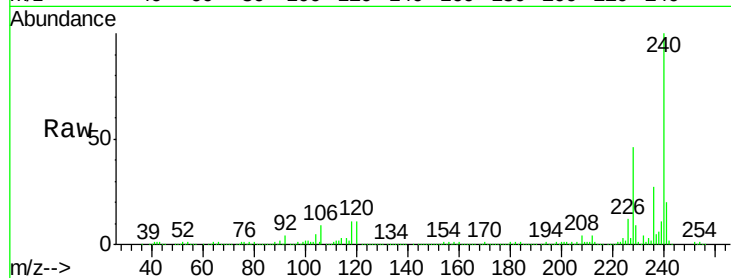
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.9	10.3
236	26.7	19.8	29.6

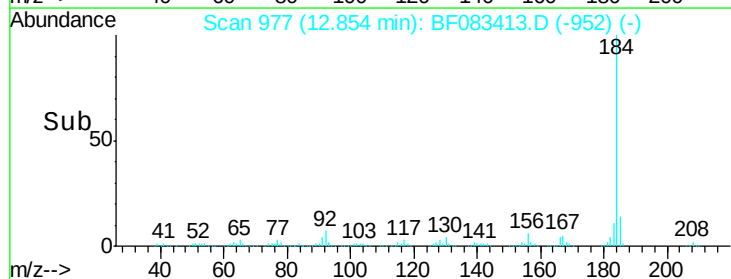
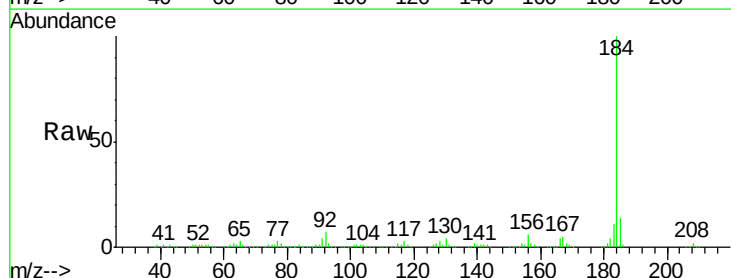
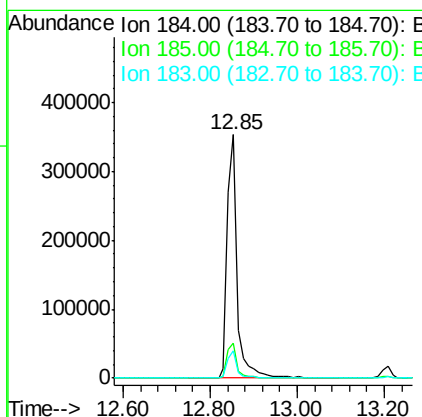
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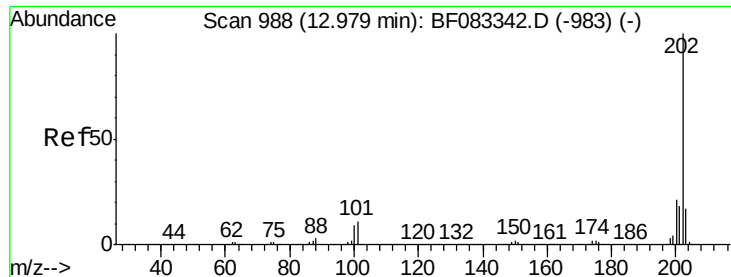
Mmdadoda
12/3/2015 7:09:22 PM



#76
Benzidine
Concen: 34.23 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.4	18.6
183	11.2	9.0	13.4





#77

Pvrene

Concen: 39.21 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1485833

Ion Ratio Lower Upper

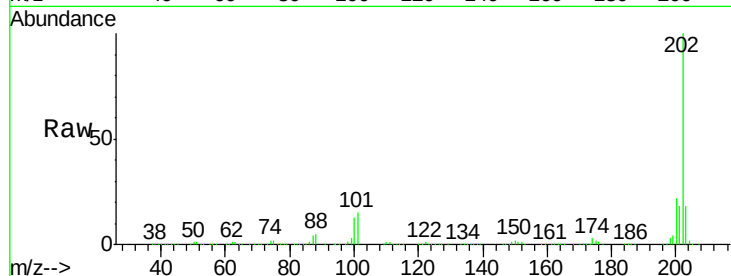
202 100

200 21.9 16.9 25.3

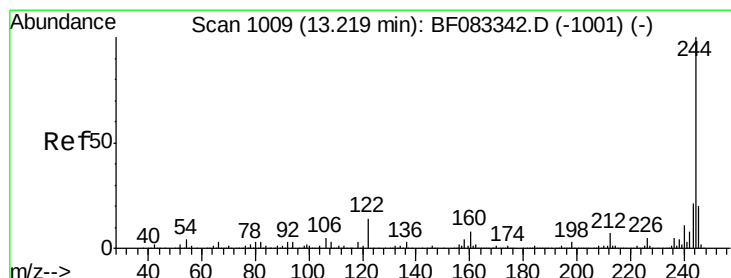
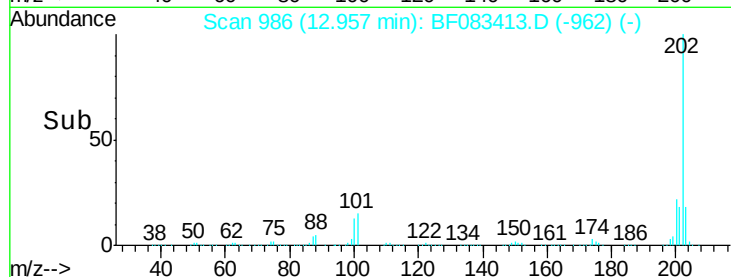
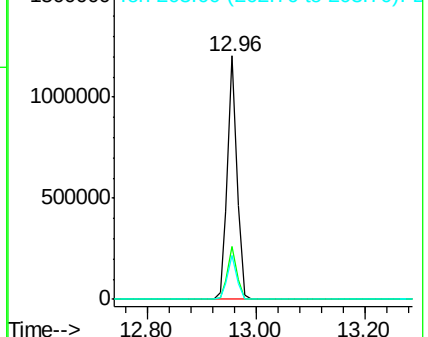
203 18.1 13.9 20.9

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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: 76.40 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

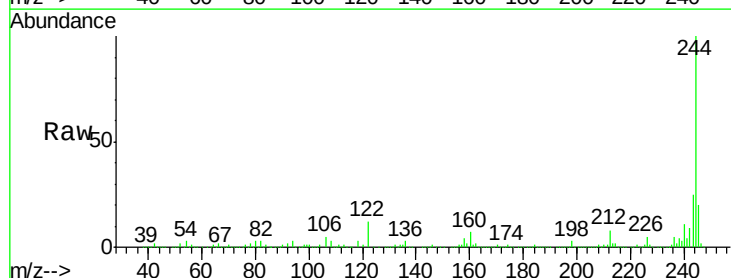
Tgt Ion:244 Resp: 1738341

Ion Ratio Lower Upper

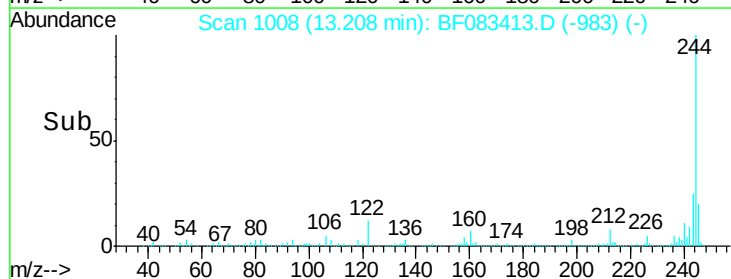
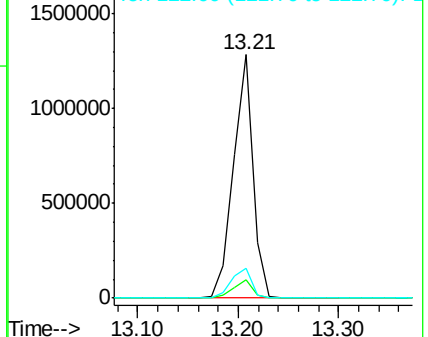
244 100

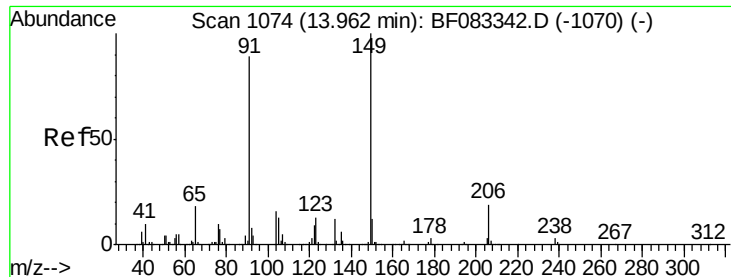
212 7.6 5.8 8.8

122 12.1 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 42.63 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

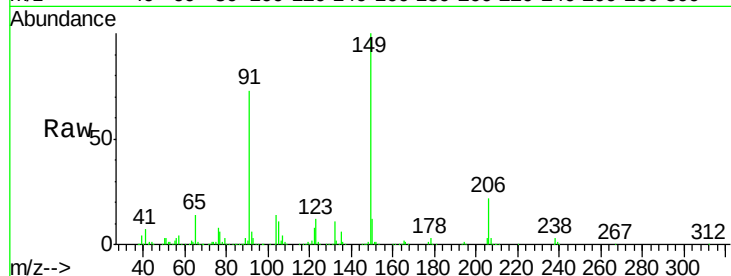
ClientSampleId :

SSTDCCC040

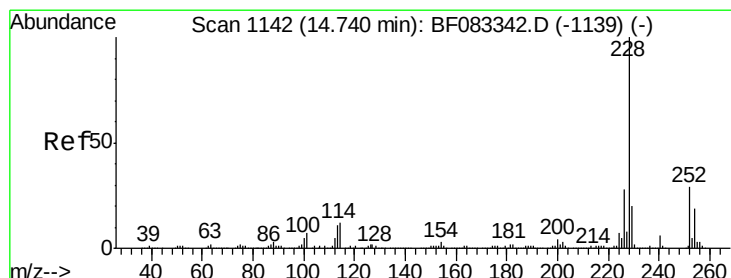
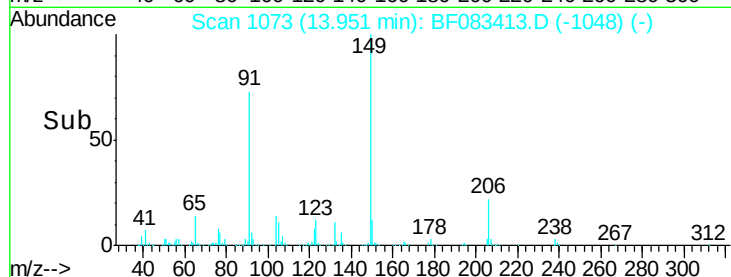
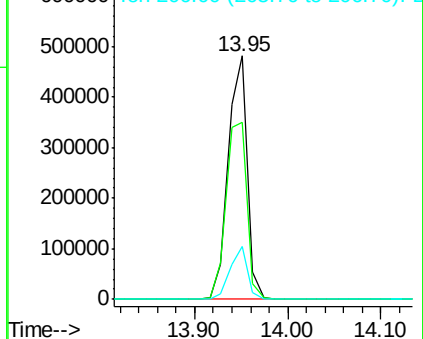
Tot Ion:	149	Resp:	685296
Ion Ratio	Lower	Upper	
149	100		
91	72.8	71.4	107.2
206	21.7	15.1	22.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.05 ng

RT: 14.73 min Scan# 1141

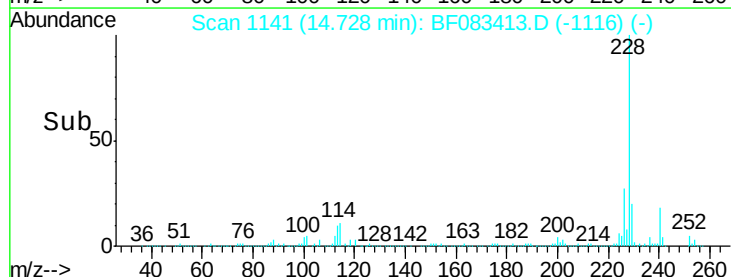
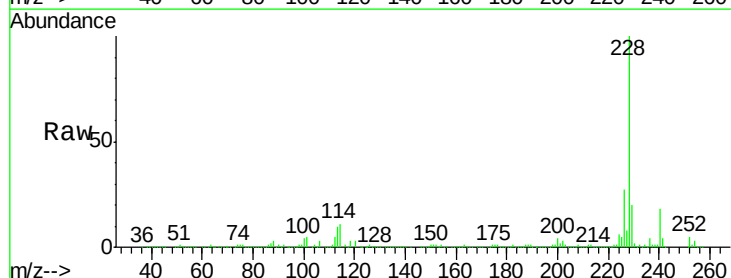
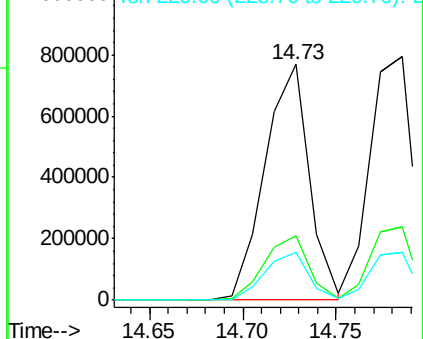
Delta R.T. -0.01 min

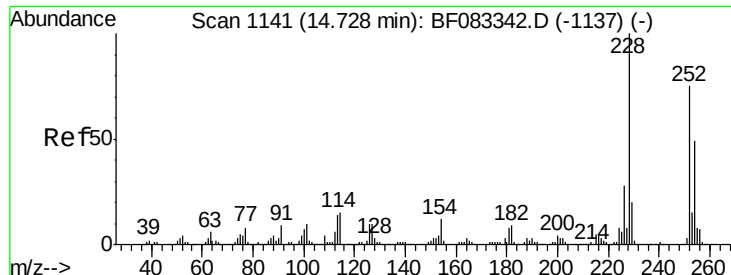
Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion:	228	Resp:	1264876
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.2	33.4
229	20.4	16.1	24.1

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





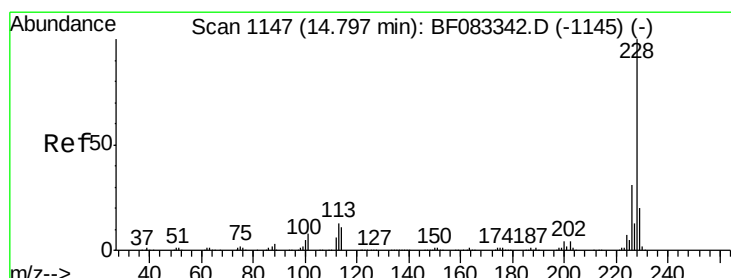
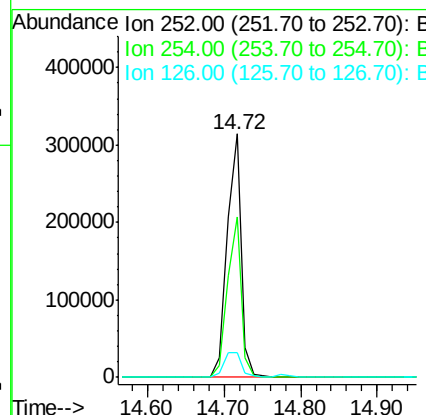
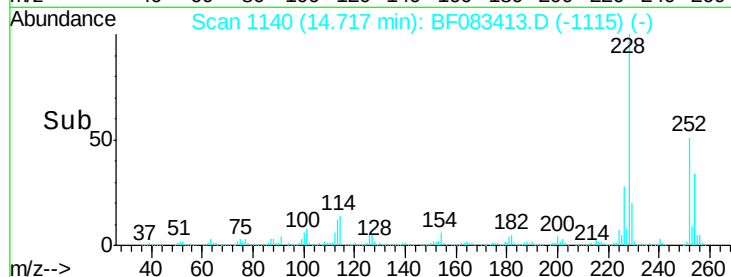
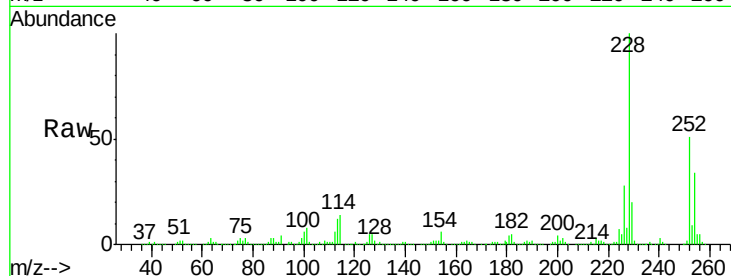
#81
 3,3'-Dichlorobenzidine
 Concen: 39.37 ng
 RT: 14.72 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	52.0	78.0
126	10.4	10.7	16.1#

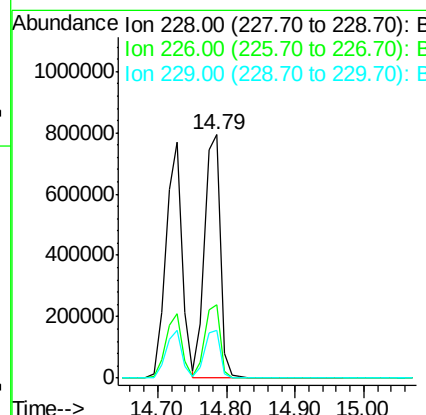
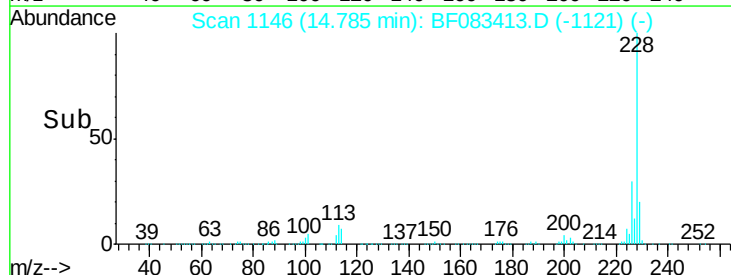
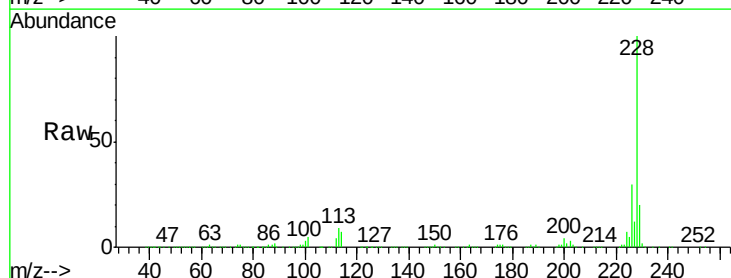
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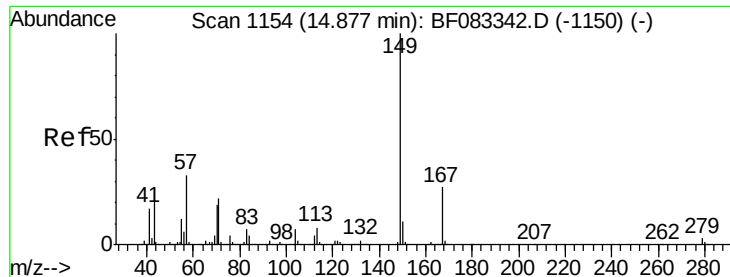
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#82
 Chrysene
 Concen: 38.82 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.7	16.2	24.2





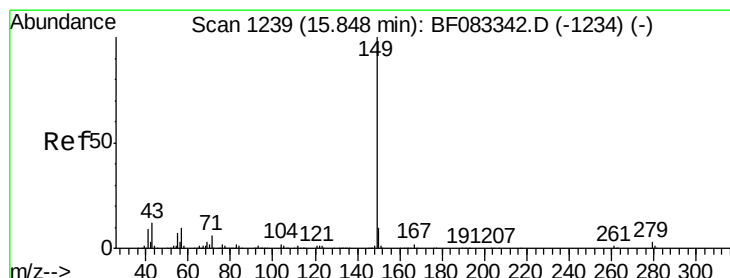
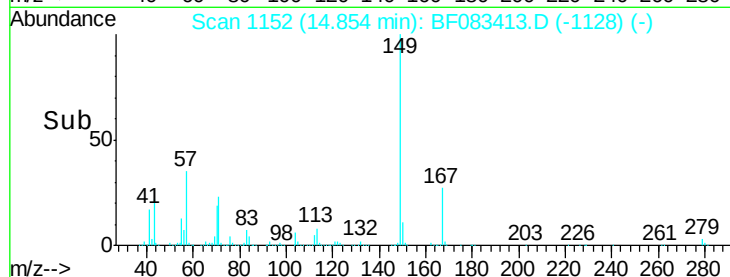
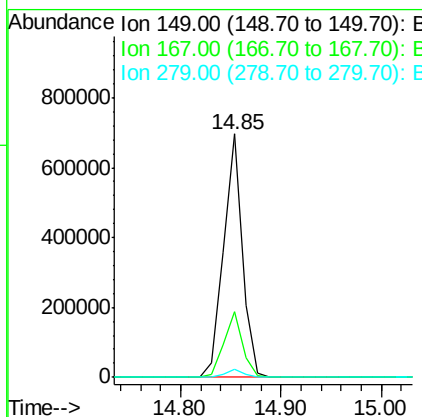
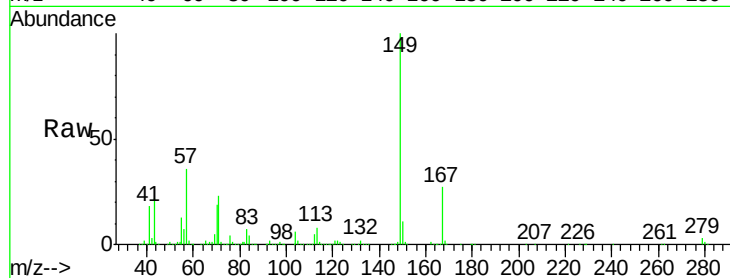
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.94 ng
 RT: 14.85 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	3.3	2.6	3.8

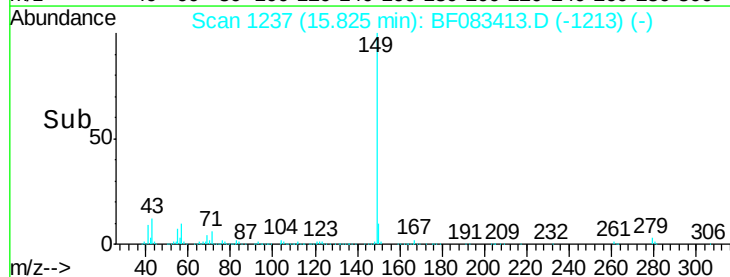
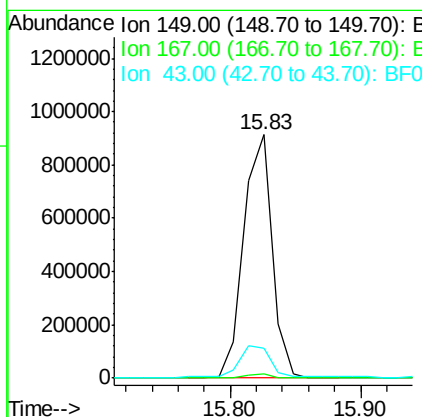
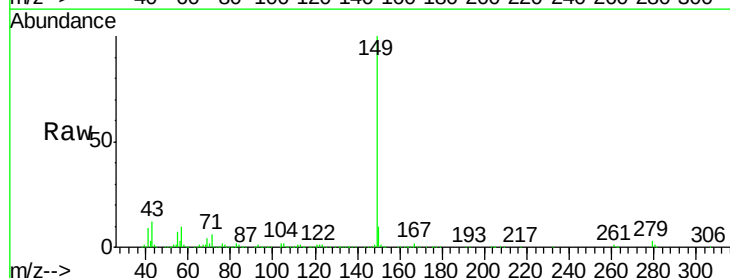
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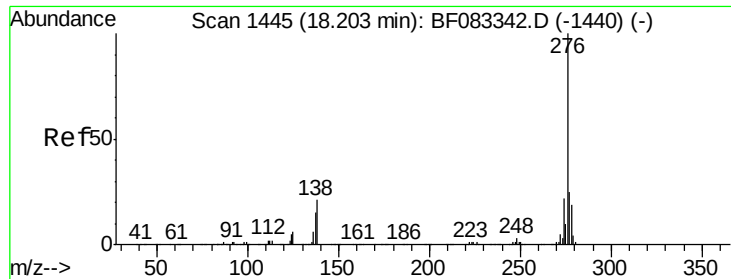
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#84
 Di-n-octyl phthalate
 Concen: 42.97 ng
 RT: 15.83 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.9	11.0	16.6





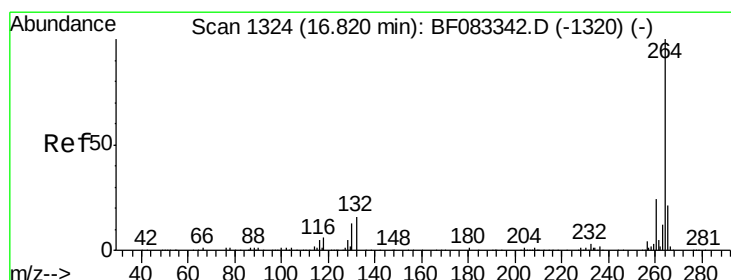
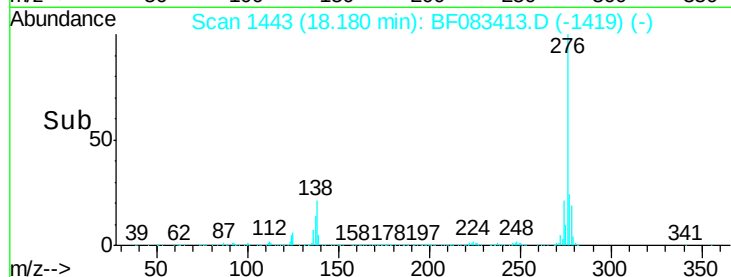
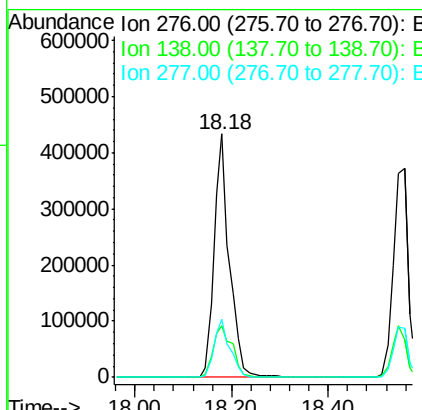
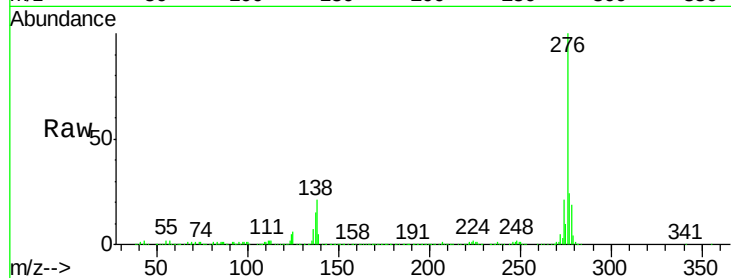
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.37 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	24.9	20.0	30.0

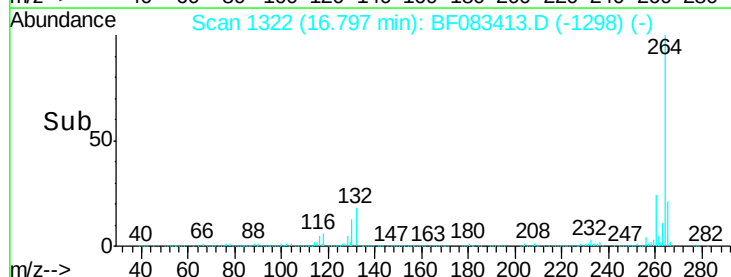
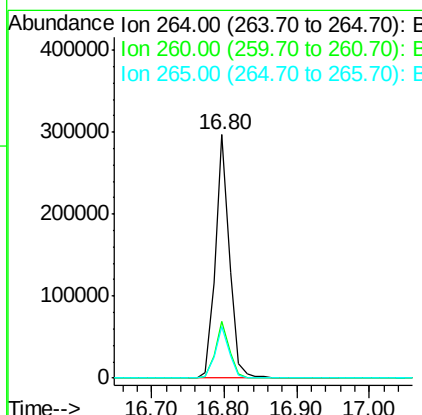
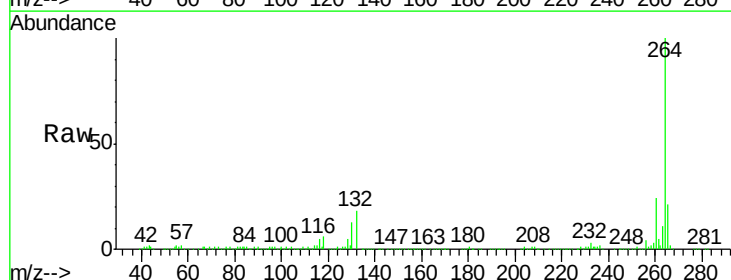
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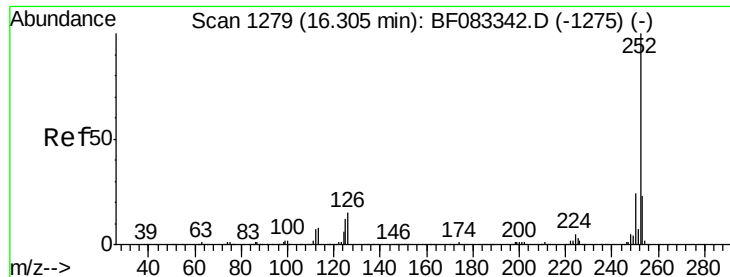
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.4	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 37.54 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Instrument :

BNA_F

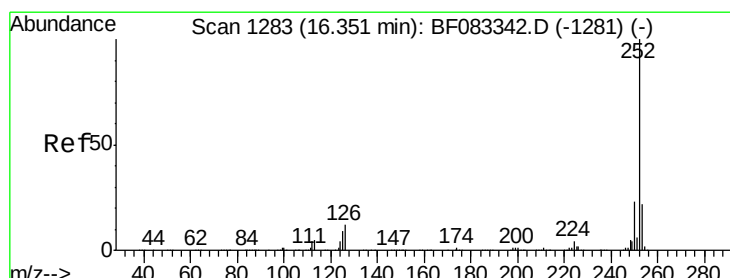
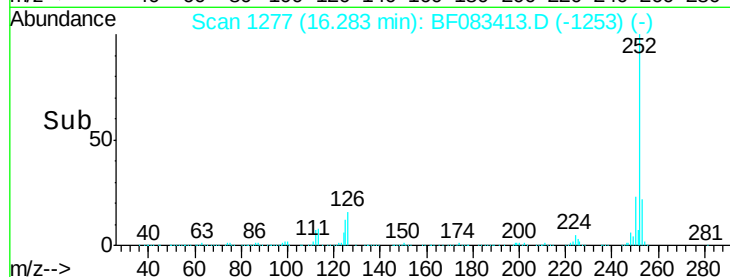
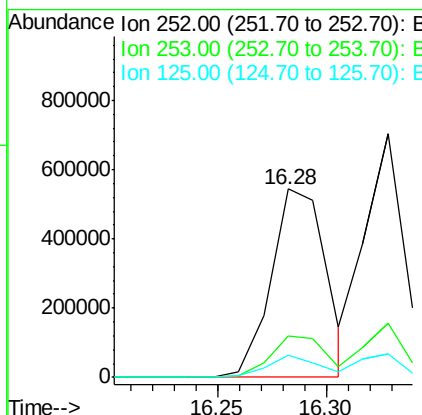
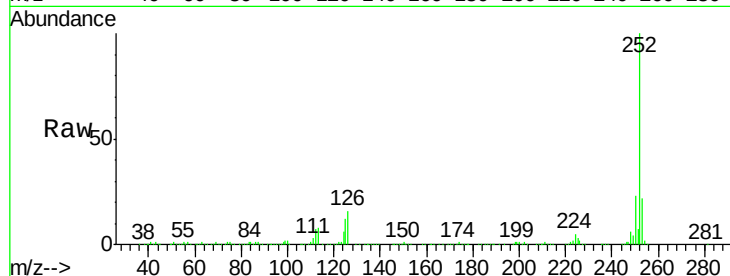
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	956255		
253	22.3	18.4	27.6	
125	12.0	9.6	14.4	

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#88

Benzo(k)fluoranthene

Concen: 38.09 ng

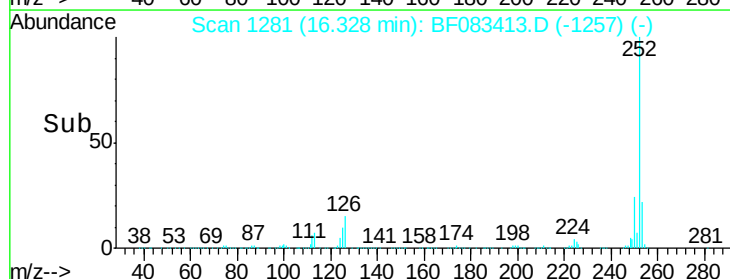
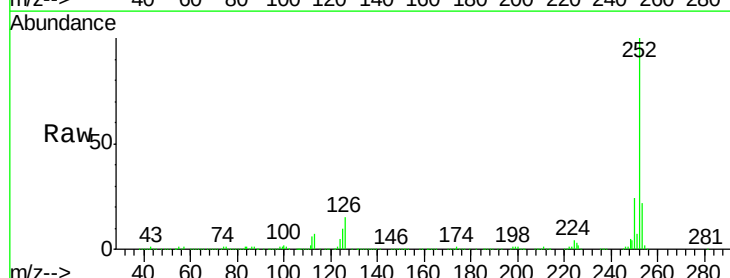
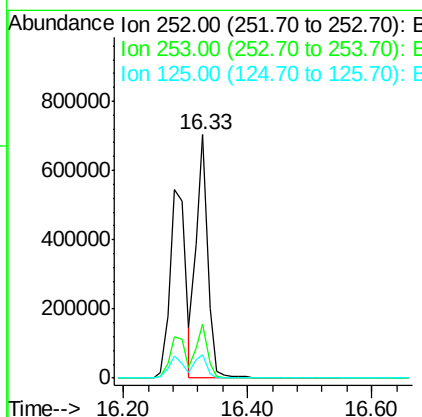
RT: 16.33 min Scan# 1281

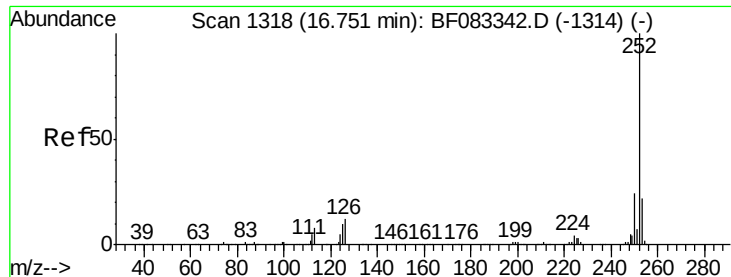
Delta R.T. -0.02 min

Lab File: BF083413.D

Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	916165		
253	22.1	17.4	26.0	
125	9.8	7.5	11.3	





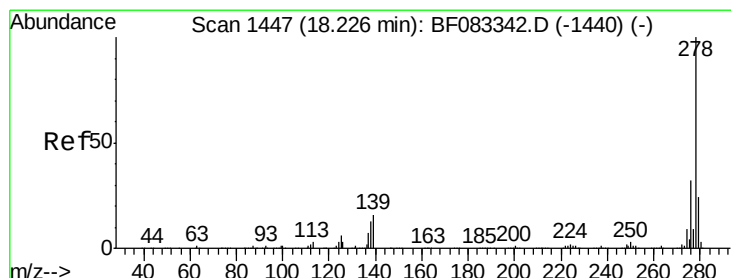
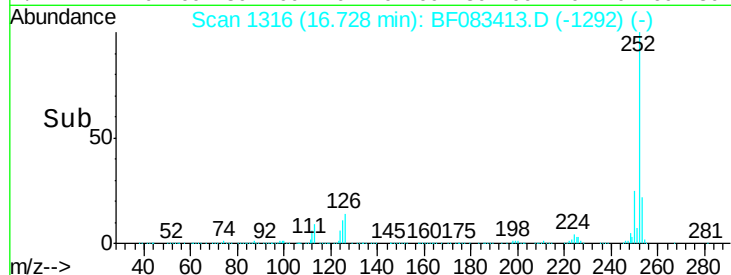
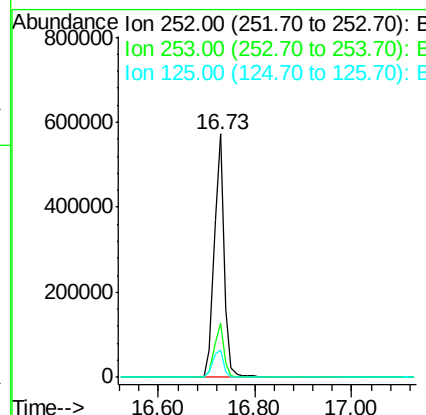
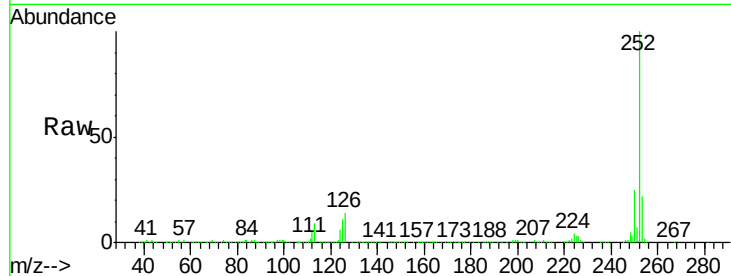
#89
Benzo(a)pyrene
Concen: 38.38 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	839739		
253	22.4		17.5	26.3
125	11.2		7.8	11.8

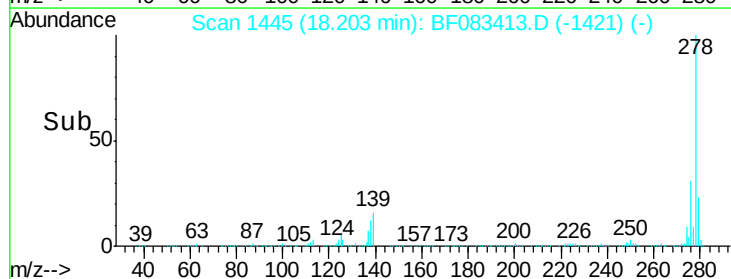
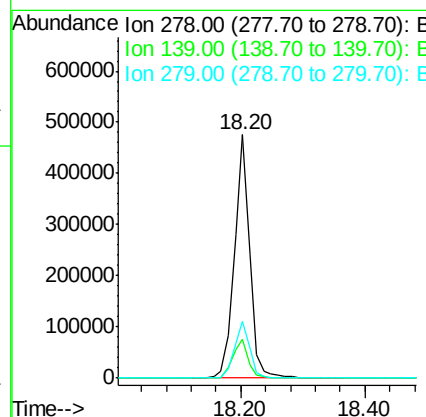
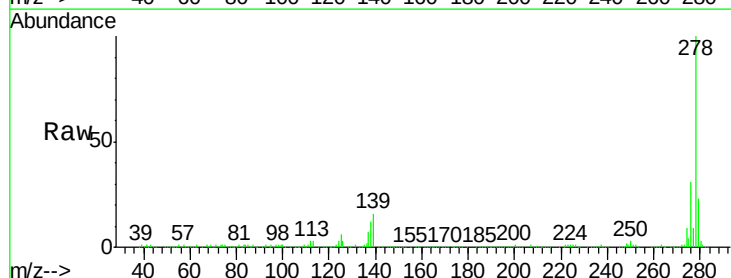
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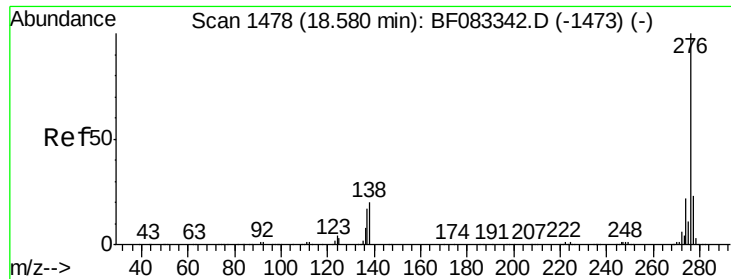
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#90
Dibenzo(a,h)anthracene
Concen: 42.65 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083413.D
Acq: 2 Dec 2015 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	813159		
139	16.1		13.1	19.7
279	23.3		19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 42.77 ng
 RT: 18.56 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF083413.D
 Acq: 2 Dec 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	800414
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	17.7	16.1	24.1

Manual Integrations
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