

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083377.D
 Acq On : 1 Dec 2015 17:25
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:43 PM

Quant Time: Dec 02 03:28:07 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	175892	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	673241	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	353554	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	681765	20.00	ng	0.00
75) Chrysene-d12	14.76	240	627356	20.00	ng	0.00
86) Perylene-d12	16.82	264	498004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	887118	75.68	ng	0.00
7) Phenol-d6	6.22	99	1225260	76.37	ng	0.00
23) Nitrobenzene-d5	7.13	82	1149030	75.03	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	280066	78.91	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1763044	71.06	ng	0.00
78) Terphenyl-d14	13.22	244	1946786	74.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	228354	35.98	ng	98
3) Pyridine	2.57	79	562171	35.41	ng	97
4) n-Nitrosodimethylamine	2.52	42	314407	40.23	ng	94
6) Aniline	6.21	93	808804	36.85	ng	99
8) 2-Chlorophenol	6.34	128	500716	38.72	ng	99
9) Benzaldehyde	6.09	77	303152	39.06	ng	99
10) Phenol	6.24	94	723177	37.46	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	533427	37.99	ng	98
12) 1,3-Dichlorobenzene	6.49	146	549344	38.22	ng	100
13) 1,4-Dichlorobenzene	6.57	146	572937	38.57	ng	99
14) 1,2-Dichlorobenzene	6.73	146	486870	35.72	ng	99
15) Benzyl Alcohol	6.72	79	487661	39.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	942163	38.24	ng	96
17) 2-Methylphenol	6.84	107	421461	39.11	ng	99
18) Hexachloroethane	7.06	117	193275	37.46	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	475712	41.48	ng	96
20) 3+4-Methylphenols	7.00	107	555360	38.04	ng	99
22) Acetophenone	6.98	105	783841	38.91	ng	99
24) Nitrobenzene	7.15	77	618031	37.79	ng	98
25) Isophorone	7.39	82	1168157	39.38	ng	99
26) 2-Nitrophenol	7.46	139	248691	37.25	ng	99
27) 2,4-Dimethylphenol	7.53	122	450847	40.29	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	631198	37.36	ng	99
29) 2,4-Dichlorophenol	7.71	162	407801	37.89	ng	96
30) 1,2,4-Trichlorobenzene	7.79	180	447600	38.21	ng	100
31) Naphthalene	7.86	128	1364415	37.35	ng	99
32) Benzoic acid	7.69	122	337841	43.77	ng	96
33) 4-Chloroaniline	7.93	127	629698	39.99	ng	98
34) Hexachlorobutadiene	7.98	225	252102	37.90	ng	98
35) Caprolactam	8.32	113	143607	42.23	ng	# 78
36) 4-Chloro-3-methylphenol	8.43	107	483427	40.04	ng	96
37) 2-Methylnaphthalene	8.56	142	933442	38.24	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	408595	36.46	ng	99
40) Hexachlorocyclopentadiene	8.70	237	182228	34.23	ng	98

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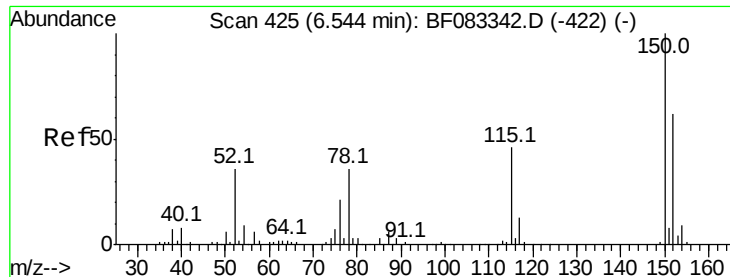
Manual Integrations
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Quant Time: Dec 02 03:28:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	308941	39.30	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	317639	39.00	nq	96
45) 1,1'-Biphenyl	9.02	154	1153210	37.20	nq	98
46) 2-Chloronaphthalene	9.04	162	863261	36.54	nq	100
47) 2-Nitroaniline	9.15	65	378133	40.41	nq	96
48) Acenaphthylene	9.45	152	1385885	36.78	nq	100
49) Dimethylphthalate	9.33	163	1033545	35.97	nq	99
50) 2,6-Dinitrotoluene	9.39	165	220873	36.00	nq	89
51) Acenaphthene	9.62	154	794429	35.84	nq	99
52) 3-Nitroaniline	9.56	138	272081	37.83	nq	96
53) 2,4-Dinitrophenol	9.66	184	121718	37.01	nq	# 88
54) Dibenzofuran	9.79	168	1177293	36.24	nq	100
55) 4-Nitrophenol	9.76	139	145401m	32.32	nq	
56) 2,4-Dinitrotoluene	9.79	165	289614	37.20	nq	93
57) Fluorene	10.13	166	911391	35.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	254083	38.66	nq	99
59) Diethylphthalate	10.03	149	1014750	37.05	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	456890	38.77	nq	98
61) 4-Nitroaniline	10.18	138	278128	38.65	nq	95
62) Azobenzene	10.29	77	1328430	40.15	nq	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	182074	39.77	nq	84
65) n-Nitrosodiphenylamine	10.26	169	930861	38.85	nq	100
66) 4-Bromophenyl-phenylether	10.64	248	297633	39.91	nq	98
67) Hexachlorobenzene	10.70	284	322086	39.06	nq	99
68) Atrazine	10.83	200	257886	38.92	nq	95
69) Pentachlorophenol	10.92	266	170808	39.54	nq	98
70) Phenanthrene	11.16	178	1549234	38.40	nq	98
71) Anthracene	11.22	178	1563244	38.49	nq	100
72) Carbazole	11.41	167	1347031	36.91	nq	99
73) Di-n-butylphthalate	11.86	149	1734530	40.11	nq	100
74) Fluoranthene	12.66	202	1590602	38.03	nq	100
76) Benzidine	12.87	184	733299	39.24	nq	99
77) Pyrene	12.98	202	1637824	37.38	nq	98
79) Butylbenzylphthalate	13.96	149	736195	39.61	nq	99
80) Benzo(a)anthracene	14.74	228	1436988	37.39	nq	100
81) 3,3'-Dichlorobenzidine	14.74	252	480559	40.03	nq	# 97
82) Chrysene	14.80	228	1375212	37.03	nq	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1052435	42.21	nq	100
84) Di-n-octyl phthalate	15.85	149	1704703	45.92	nq	98
85) Indeno(1,2,3-cd)pyrene	18.20	276	1039447	38.43	nq	100
87) Benzo(b)fluoranthene	16.32	252	1176325m	36.81	nq	
88) Benzo(k)fluoranthene	16.35	252	1158879	38.41	nq	97
89) Benzo(a)pyrene	16.75	252	1058222	38.56	nq	99
90) Dibenzo(a,h)anthracene	18.23	278	874609	36.57	nq	99
91) Benzo(g,h,i)perylene	18.58	276	820346	34.95	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

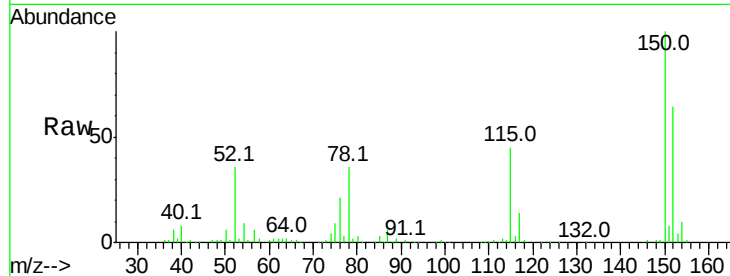
ClientSampleId :

SSTDCCC040

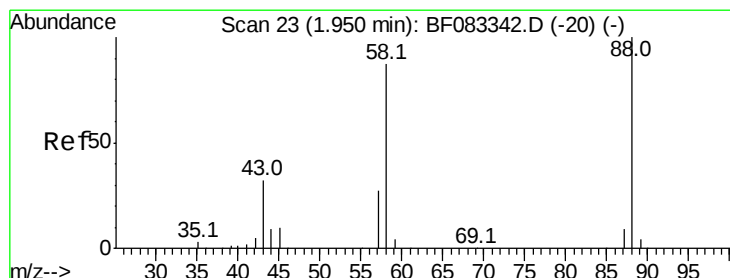
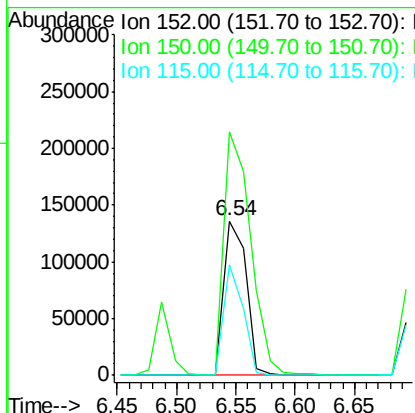
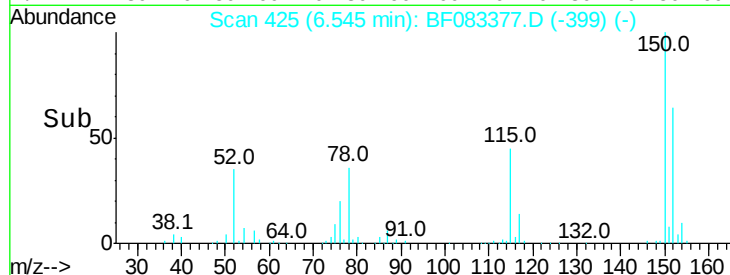
Tot Ion:	152	Resp:	175892
Ion Ratio	Lower	Upper	
152	100		
150	157.4	129.8	194.8
115	71.5	59.2	88.8

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



#2

1,4-Dioxane

Concen: 35.98 ng

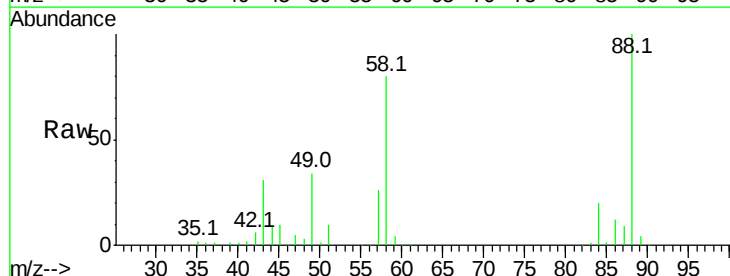
RT: 1.95 min Scan# 23

Delta R.T. 0.00 min

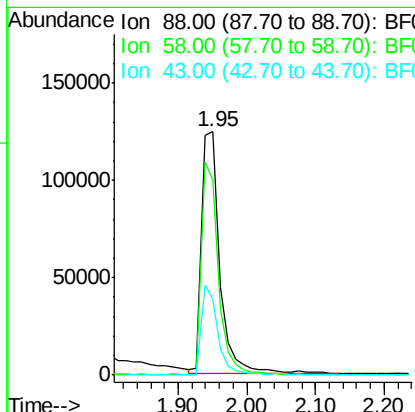
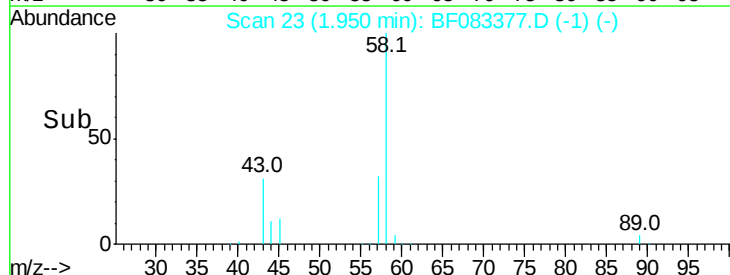
Lab File: BF083377.D

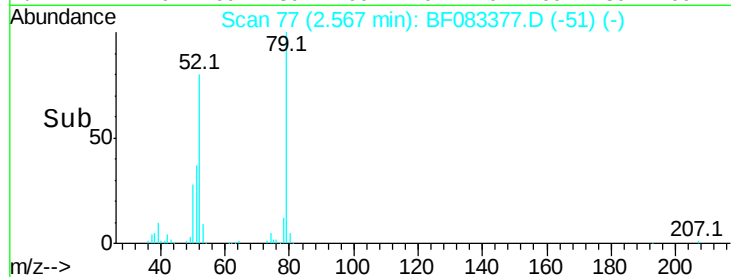
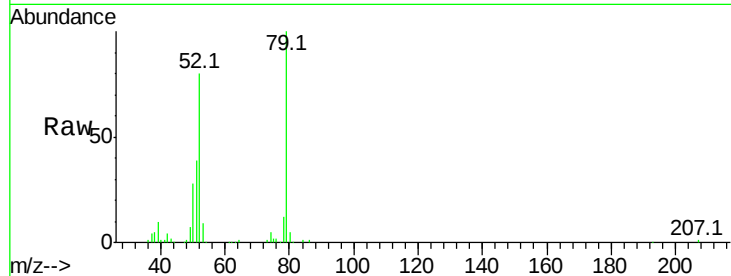
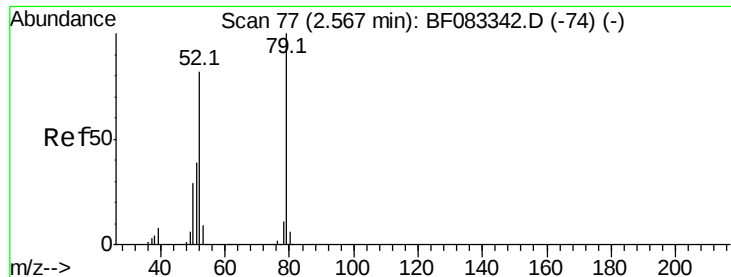
Acq: 1 Dec 2015 17:25

Tgt Ion:	88	Resp:	228354
Ion Ratio	Lower	Upper	
88	100		
58	81.4	66.6	100.0
43	33.5	27.1	40.7



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





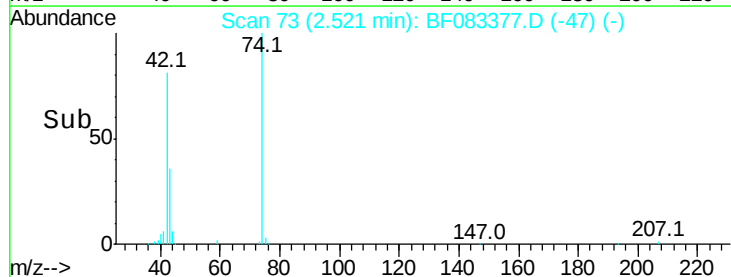
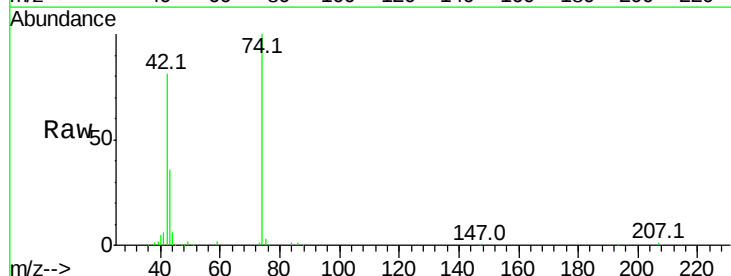
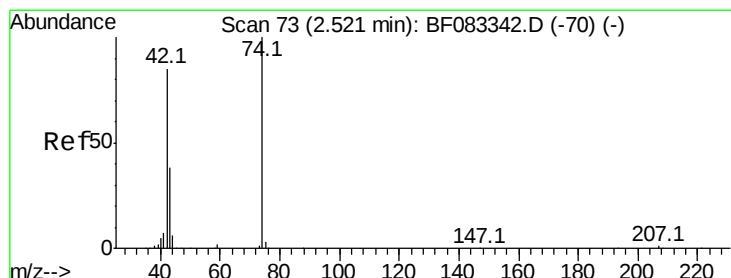
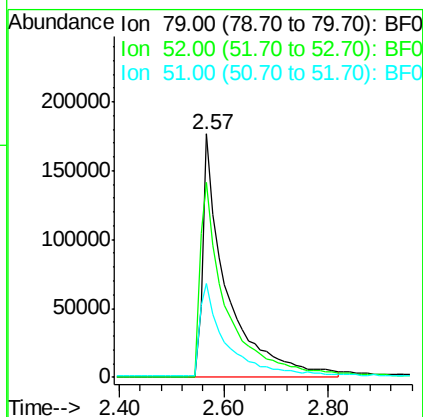
#3
Pvridine
Concen: 35.41 ng
RT: 2.57 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	80.3	65.9	98.9
51	38.5	32.3	48.5

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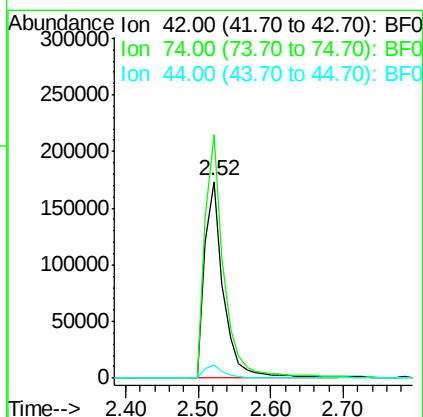
Manual Integrations
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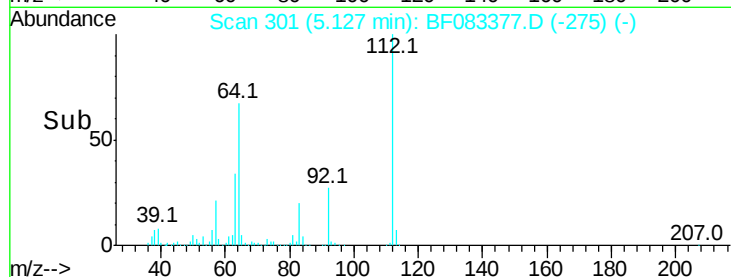
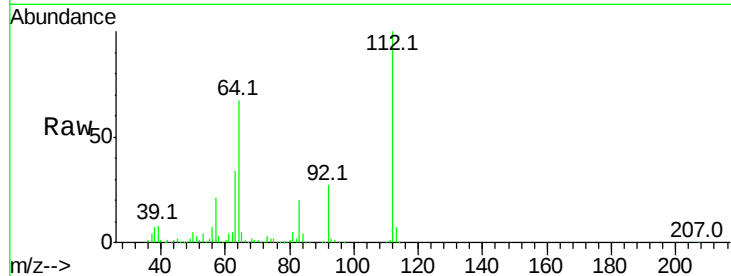
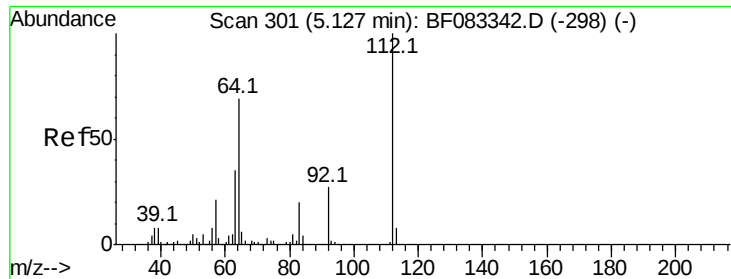
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#4
n-Nitrosodimethylamine
Concen: 40.23 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	124.0	93.7	140.5
44	7.0	5.6	8.4





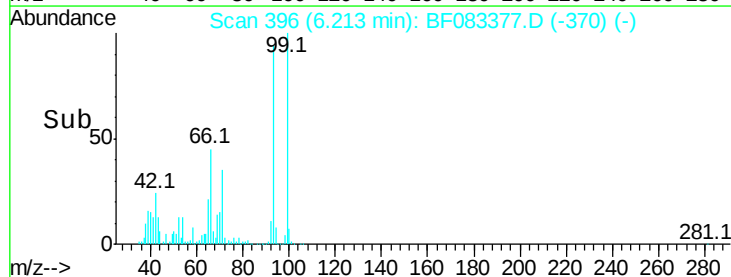
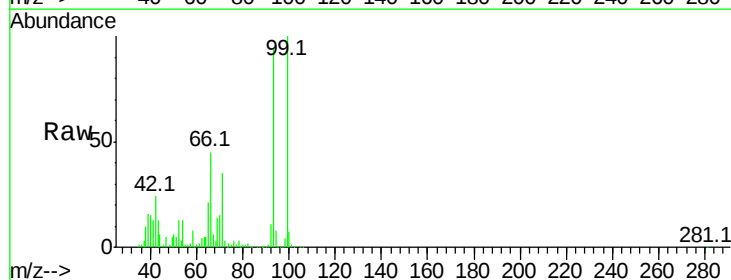
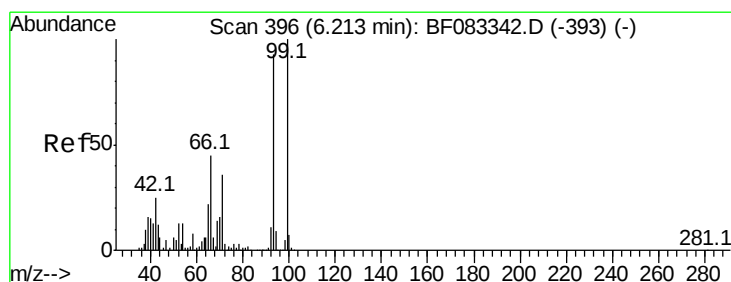
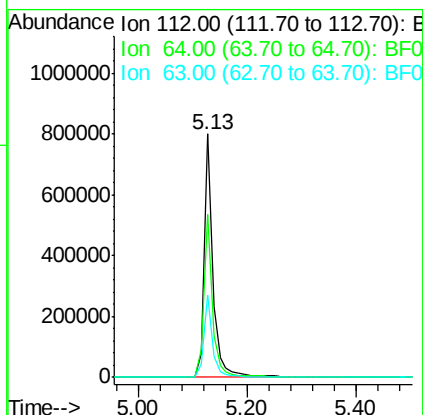
#5
2-Fluorophenol
Concen: 75.68 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	66.9	55.6	83.4
63	33.8	28.2	42.2

Instrument :
BNA_F
ClientSampleId :
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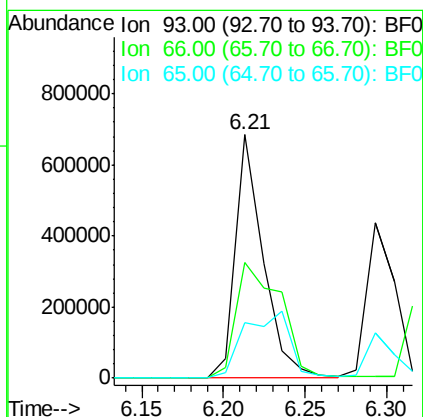
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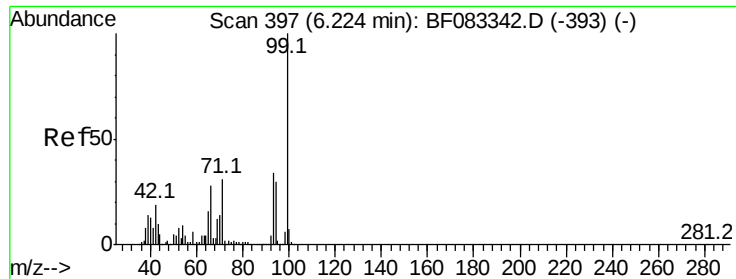
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#6
Aniline
Concen: 36.85 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.7	38.7	58.1
65	22.9	19.0	28.6





#7

Phenol-d6

Concen: 76.37 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1225260

Ion Ratio Lower Upper

99 100

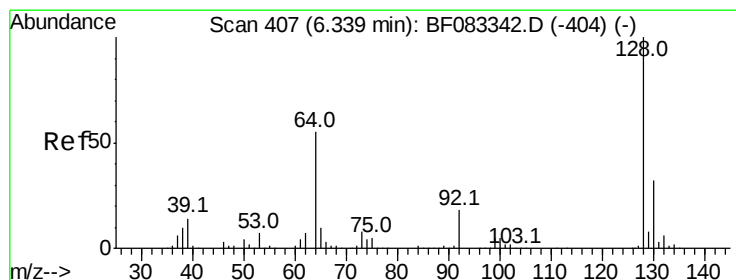
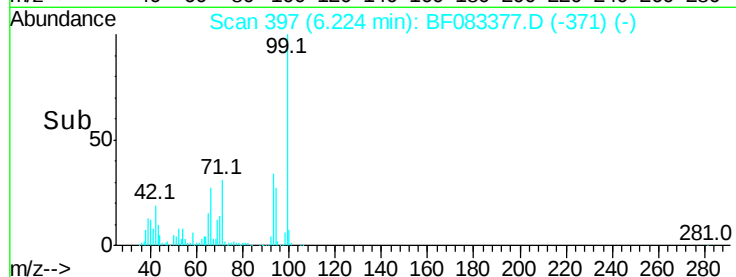
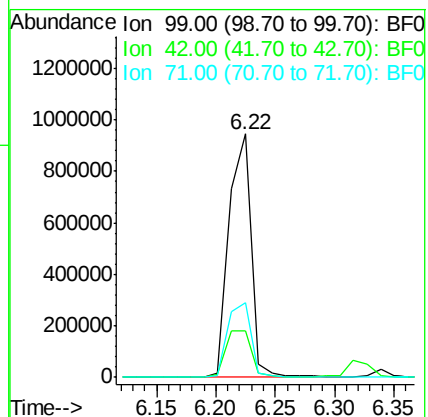
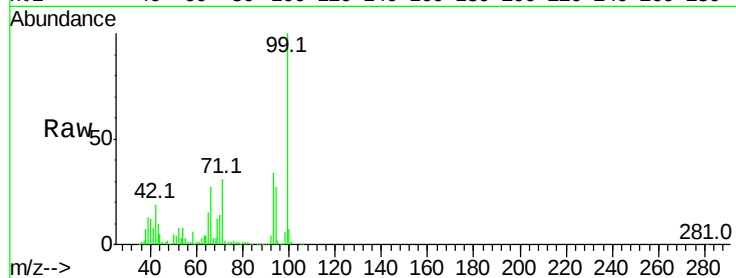
42 18.9 14.9 22.3

71 30.7 24.7 37.1

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#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

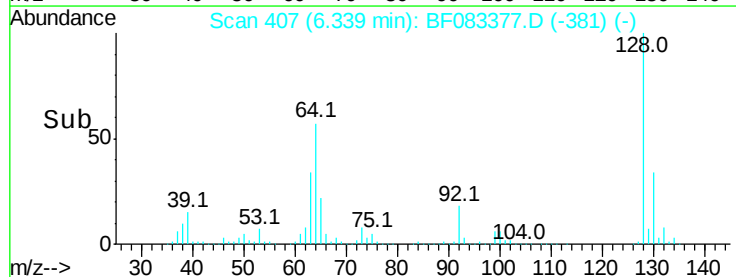
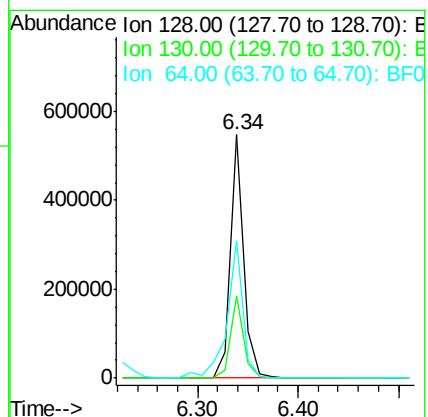
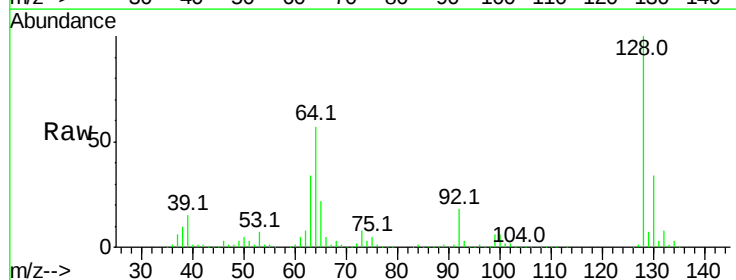
Tgt Ion: 128 Resp: 500716

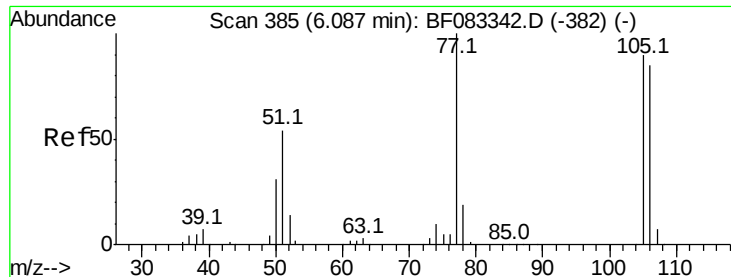
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 56.6 36.4 76.4





#9

Benzaldehyde

Concen: 39.06 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

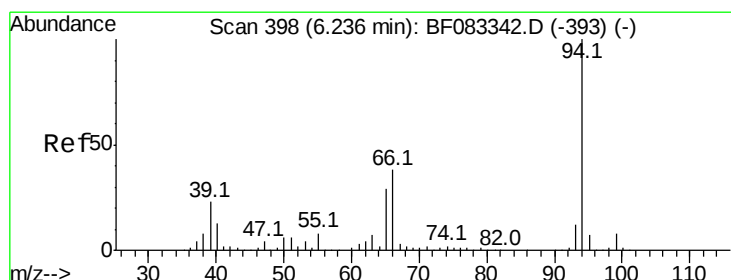
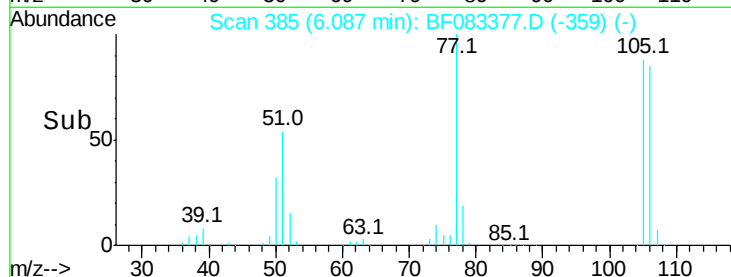
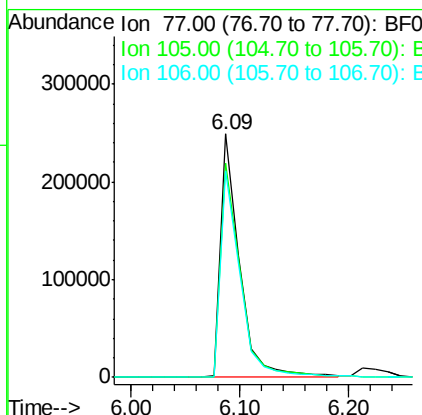
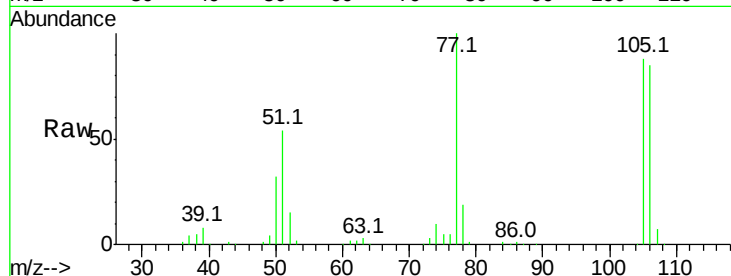
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	303152
Ion Ratio	Lower	Upper	
77	100		
105	87.9	70.0	110.0
106	84.6	65.0	105.0

Manual Integrations
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#10

Phenol

Concen: 37.46 ng

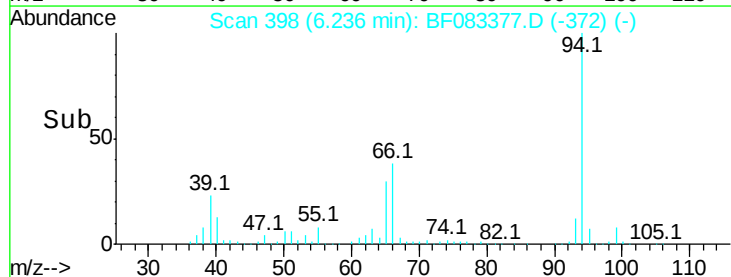
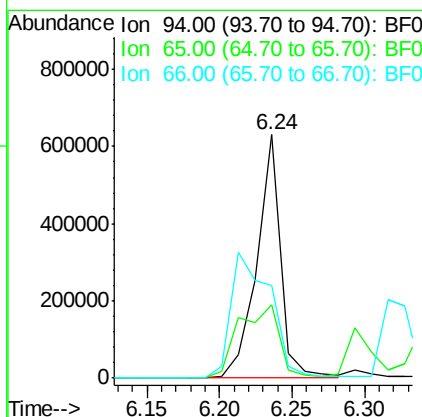
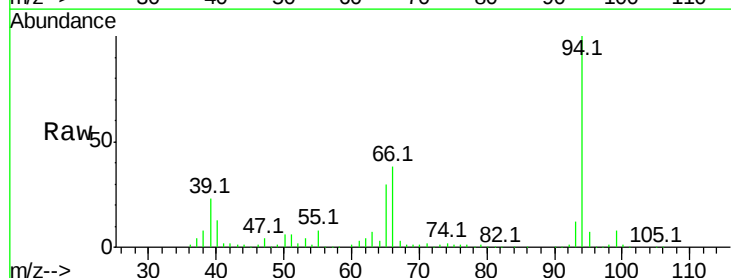
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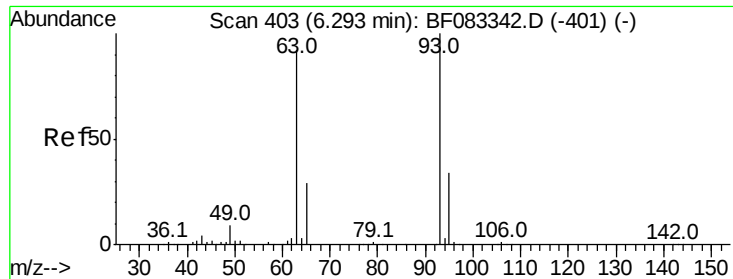
Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion:	94	Resp:	723177
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.5	49.5
66	38.2	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 37.99 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

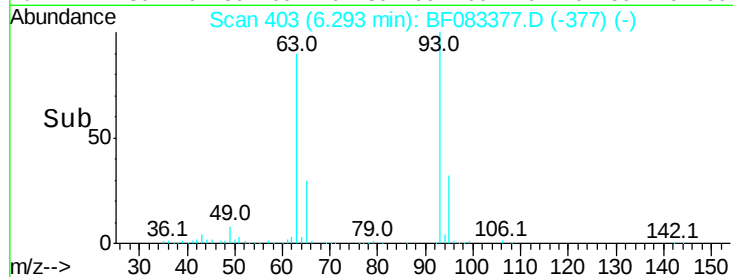
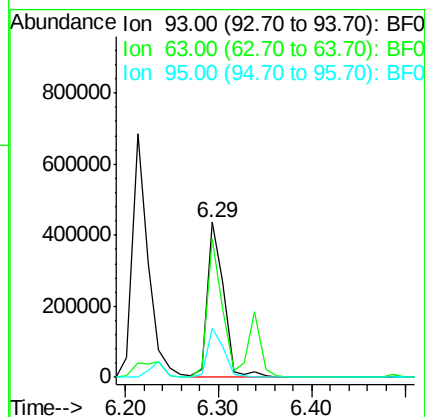
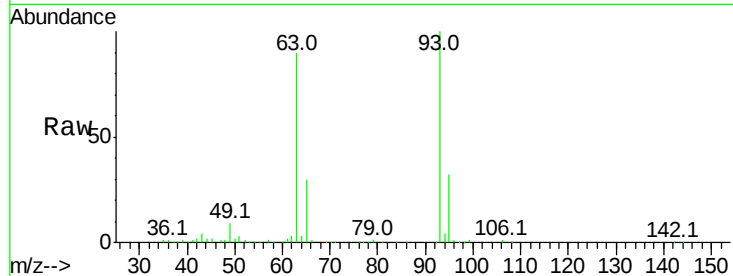
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	533427
Ion	Ratio	Lower	Upper
93	100		
63	89.6	71.4	111.4
95	31.8	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 38.22 ng

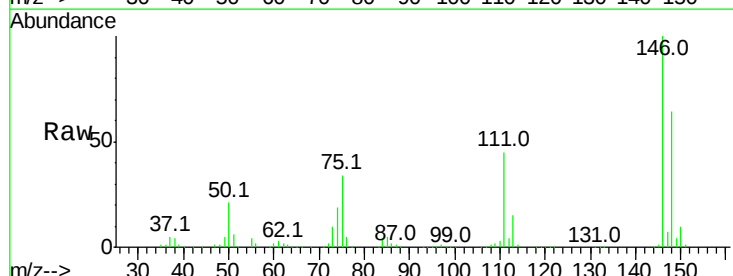
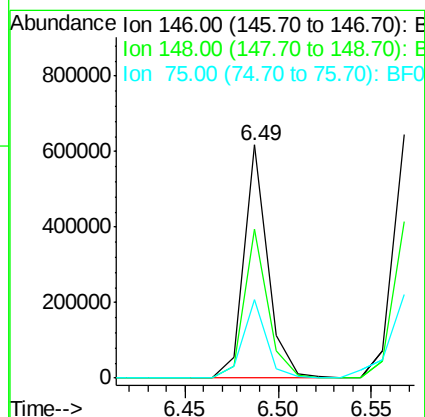
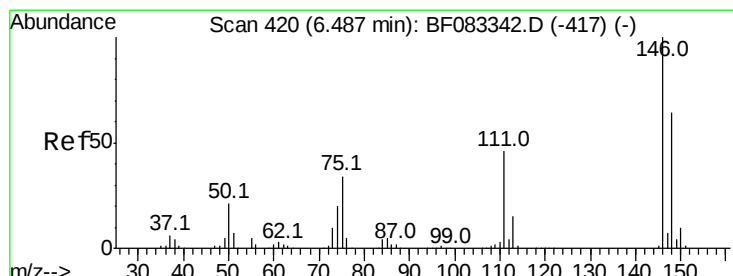
RT: 6.49 min Scan# 420

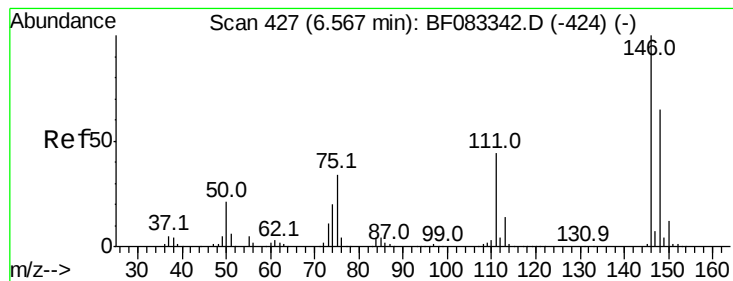
Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion:	146	Resp:	549344
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	33.9	27.5	41.3





#13

1,4-Dichlorobenzene

Concen: 38.57 ng

RT: 6.57 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

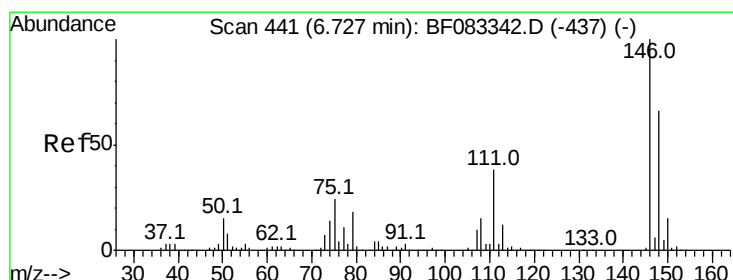
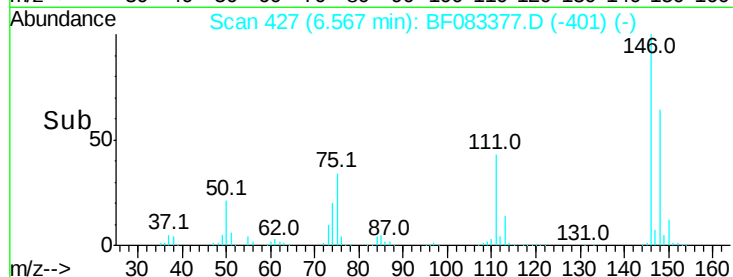
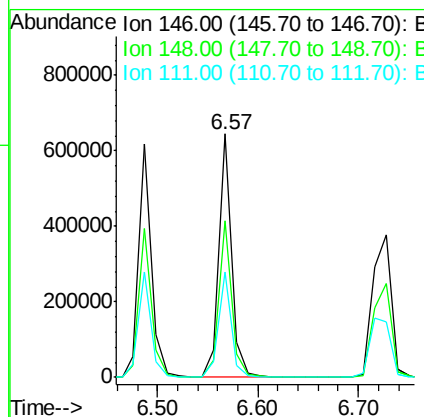
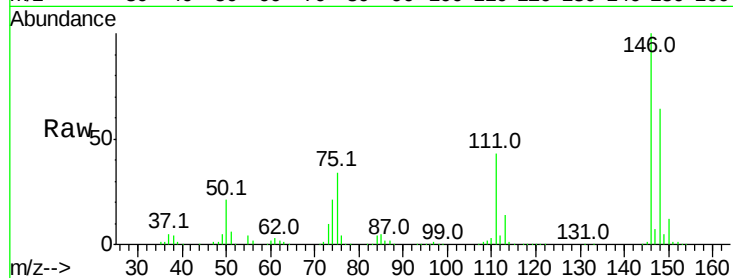
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	572937
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
111	43.3	35.4	53.0

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#14

1,2-Dichlorobenzene

Concen: 35.72 ng

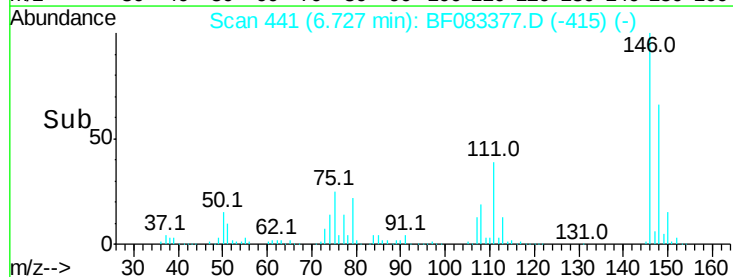
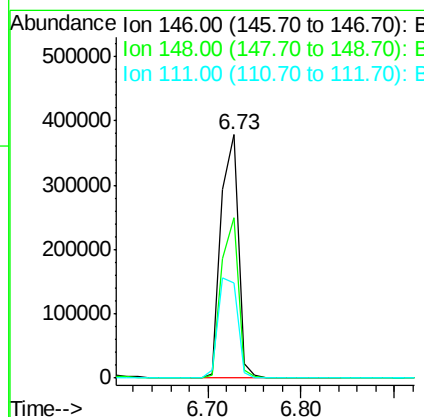
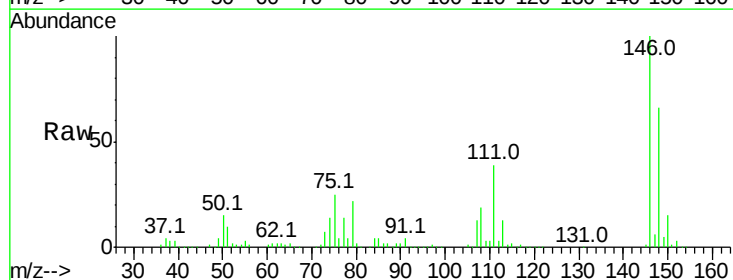
RT: 6.73 min Scan# 441

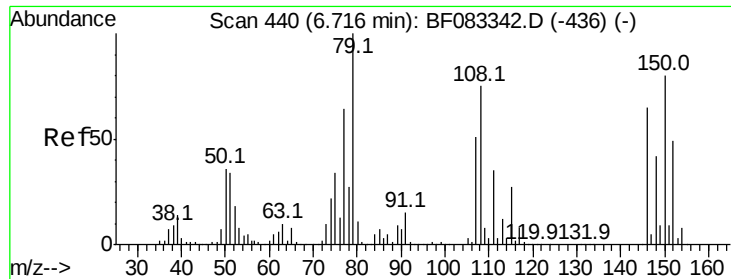
Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion:	146	Resp:	486870
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.5	78.7
111	39.1	30.6	46.0





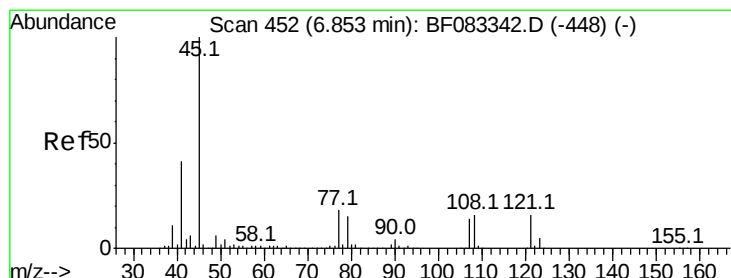
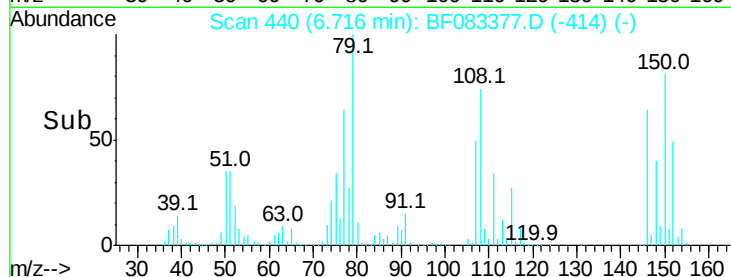
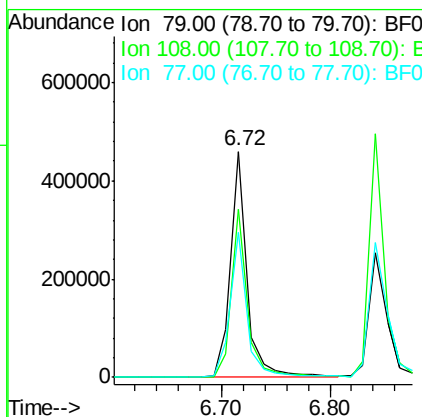
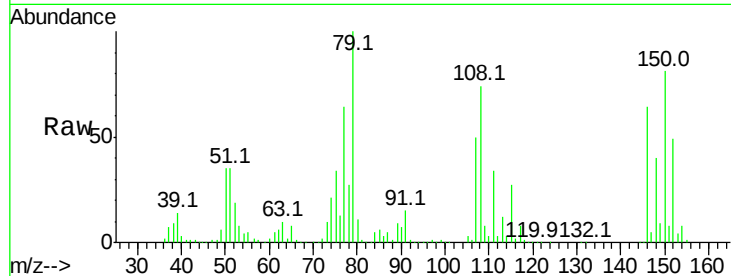
#15
Benzyl Alcohol
Concen: 39.33 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.9	89.9
77	64.4	51.0	76.6

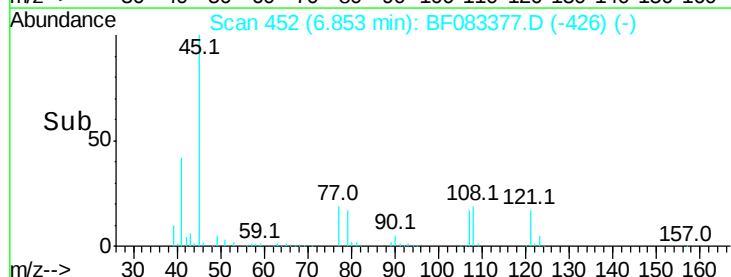
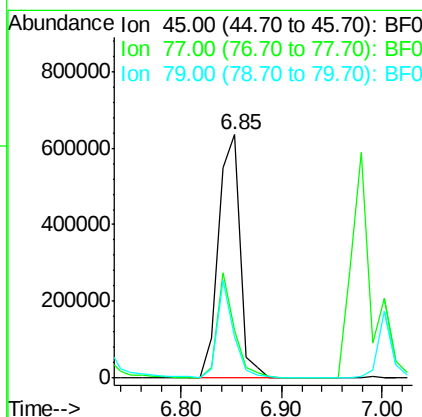
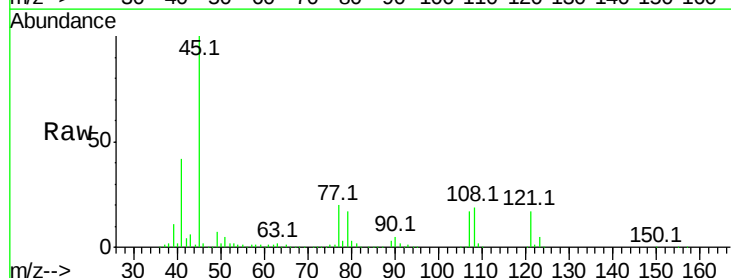
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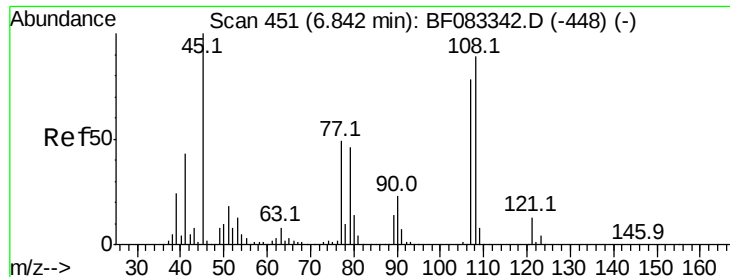
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.24 ng
RT: 6.85 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	38.3
79	17.2	0.0	35.4





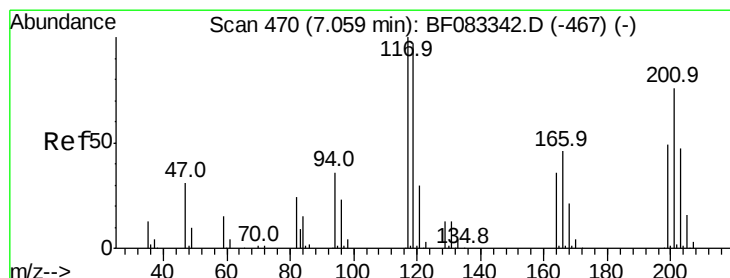
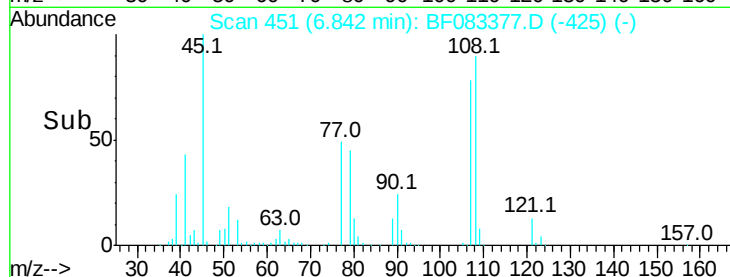
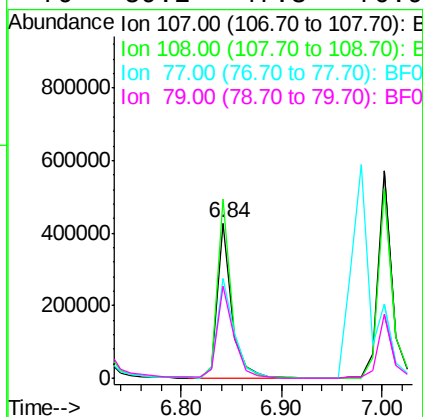
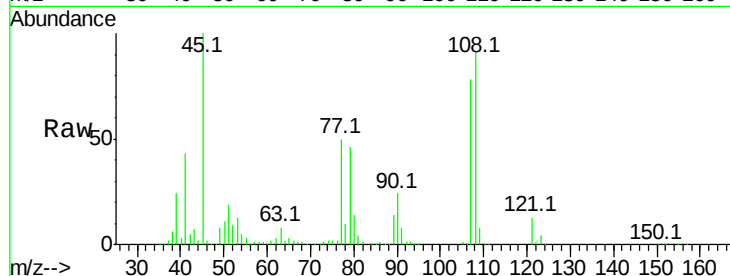
#17
2-Methylphenol
Concen: 39.11 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	421461		
108	115.8	91.6	137.4	
77	63.9	49.9	74.9	
79	59.2	47.3	70.9	

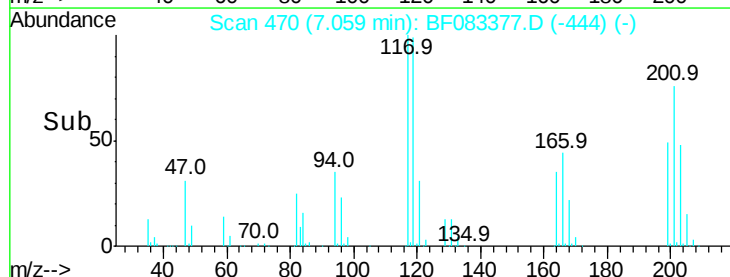
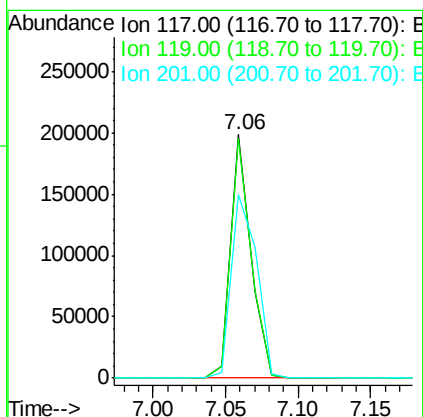
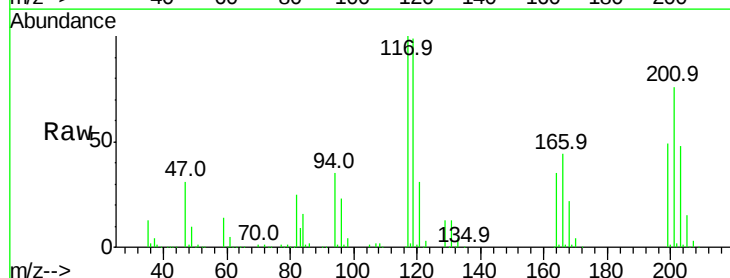
Manual Integrations
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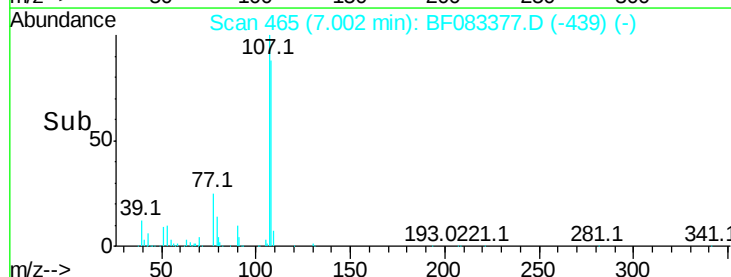
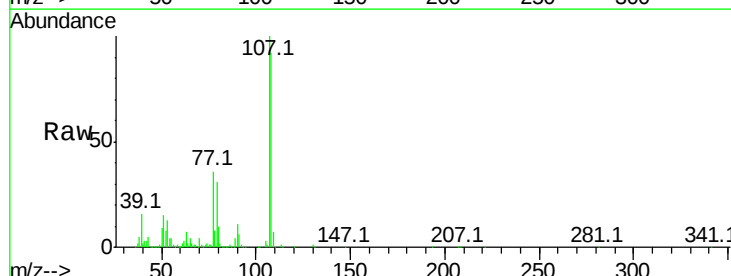
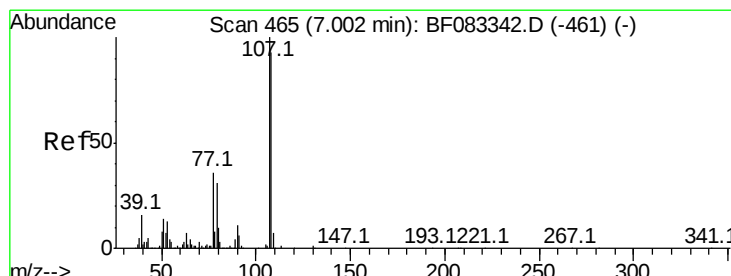
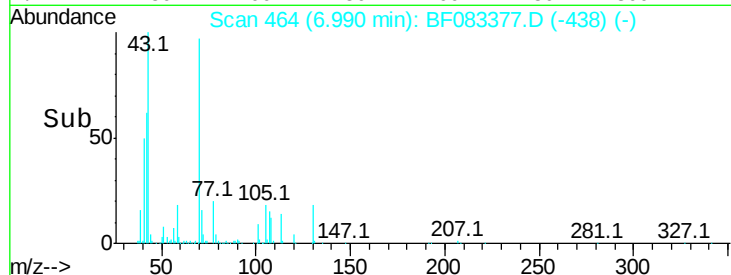
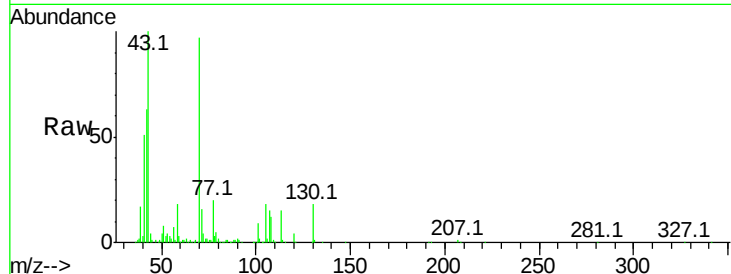
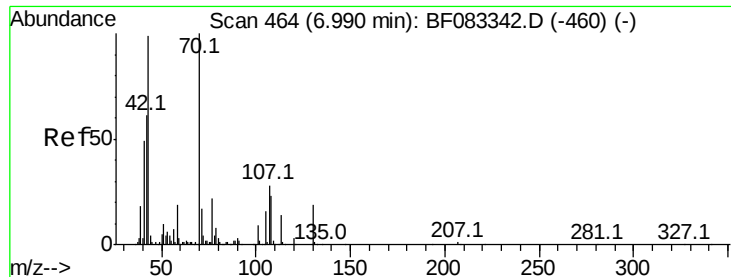
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#18
Hexachloroethane
Concen: 37.46 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193275		
119	98.5	77.3	115.9	
201	75.5	60.6	90.8	





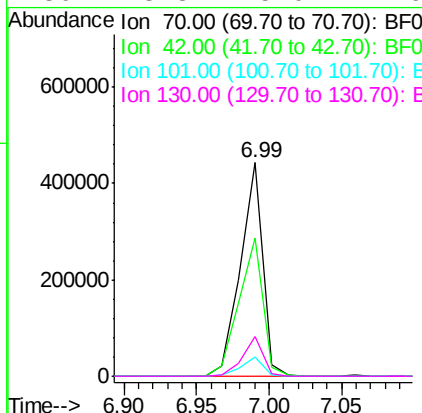
#19
n-Nitroso-di-n-propylamine
Concen: 41.48 ng
RT: 6.99 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	48.8	73.2	
101	8.8	7.1	10.7	
130	18.3	15.0	22.6	

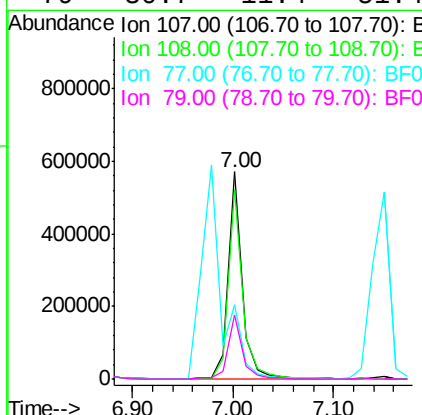
Manual Integrations
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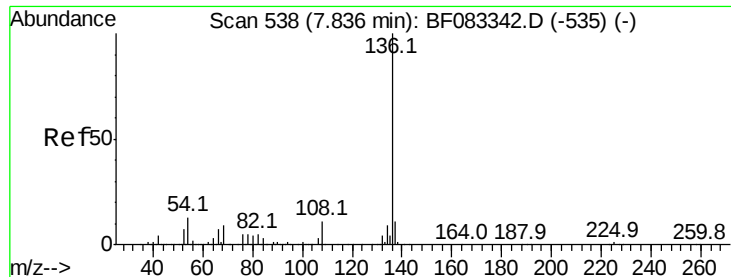
Mmdadoda
12/2/2015 6:12:43 PM



#20
3+4-Methylphenols
Concen: 38.04 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	73.0	113.0	
77	36.2	16.8	56.8	
79	30.7	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: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

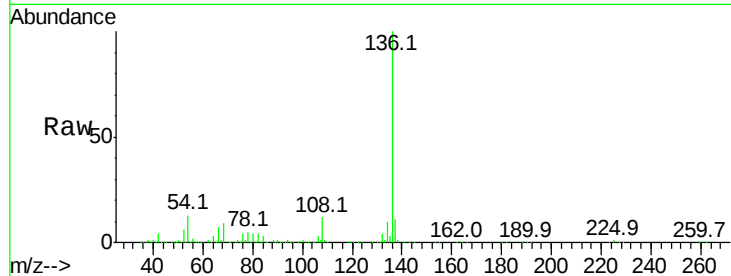
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	673241		
137	11.2	9.0	13.4	
54	12.9	10.1	15.1	
68	8.9	7.1	10.7	

Manual Integrations
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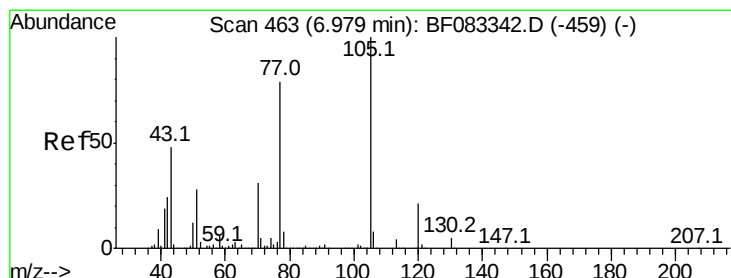
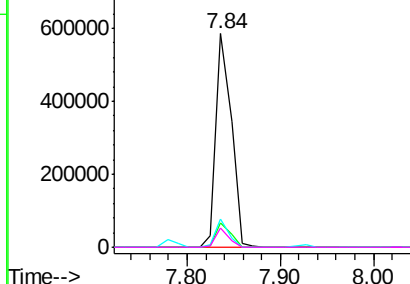
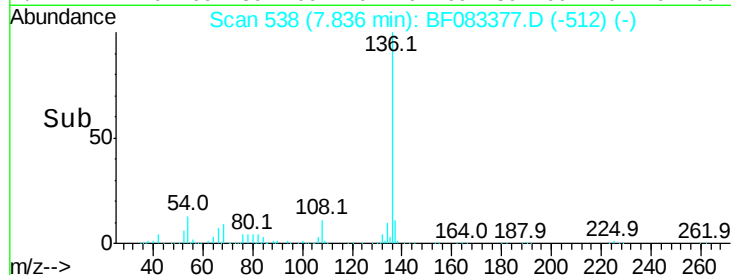


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.91 ng

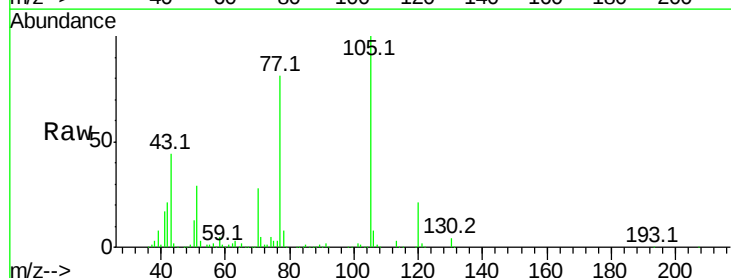
RT: 6.98 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	783841		
71	4.8	4.3	6.5	
51	29.2	22.9	34.3	
120	21.0	16.7	25.1	

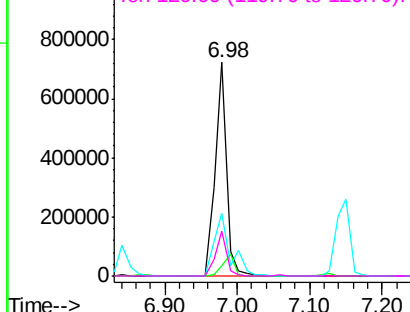
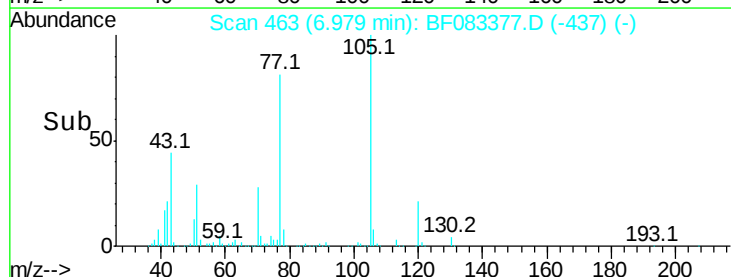


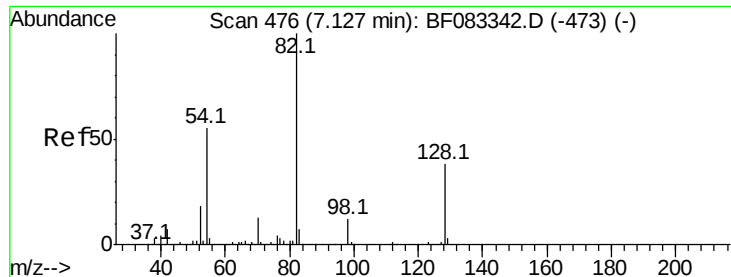
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





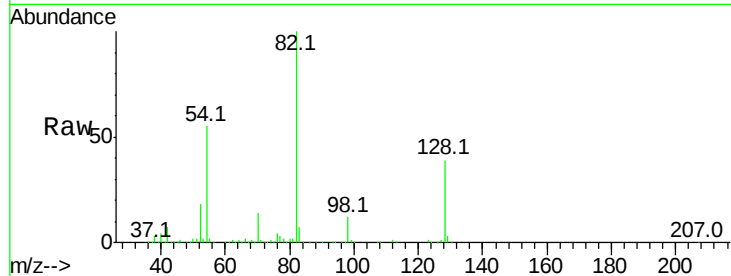
#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

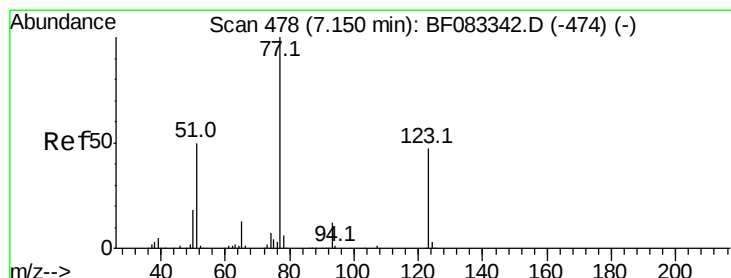
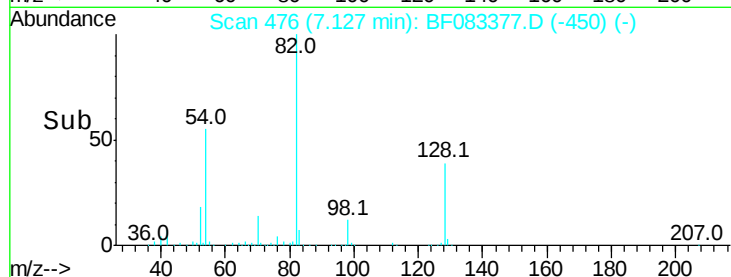
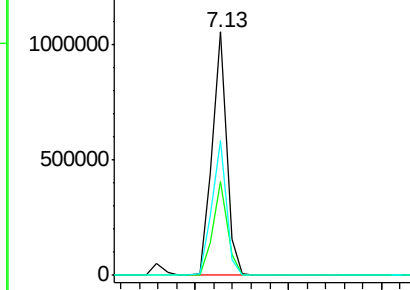
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.6	46.0
54	55.5	43.8	65.6

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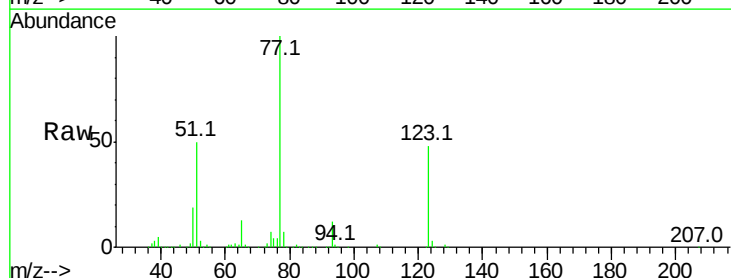


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

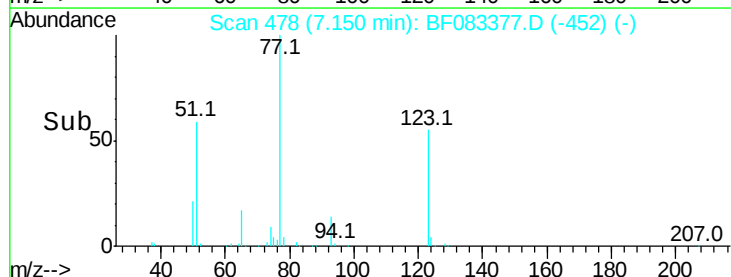
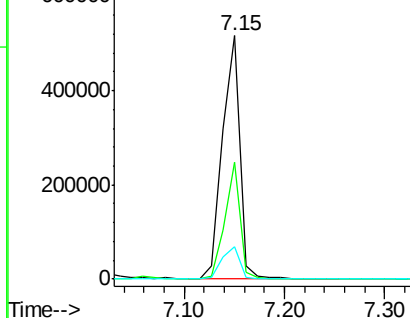


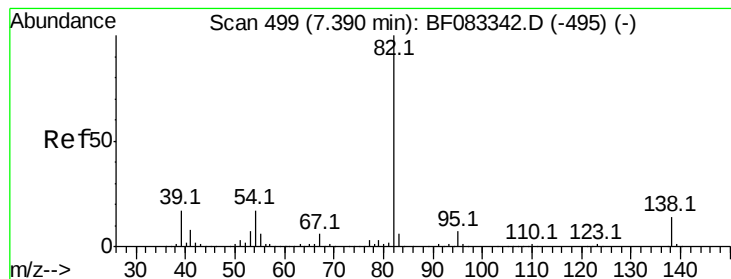
#24
 Nitrobenzene
 Concen: 37.79 ng
 RT: 7.15 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.4	56.0
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.38 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1168157

Ion Ratio Lower Upper

82 100

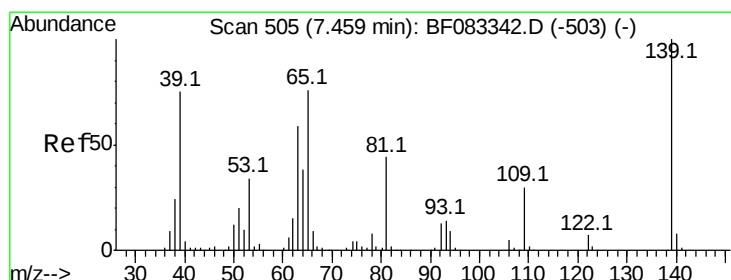
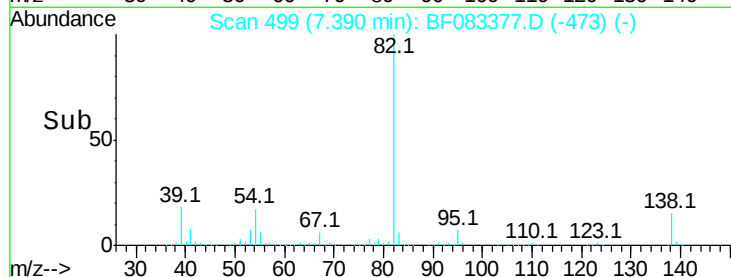
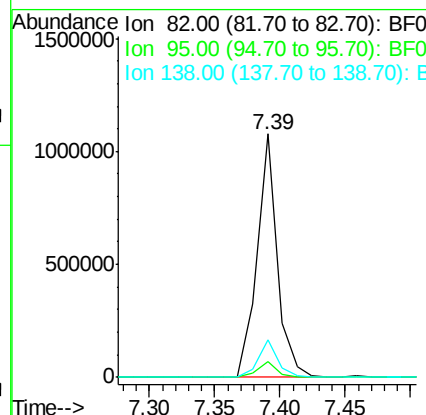
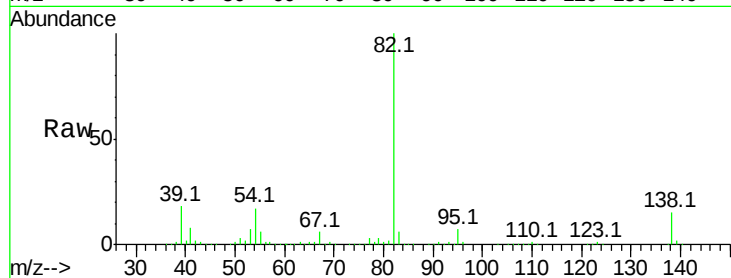
95 6.6 5.3 7.9

138 15.2 11.6 17.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.25 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

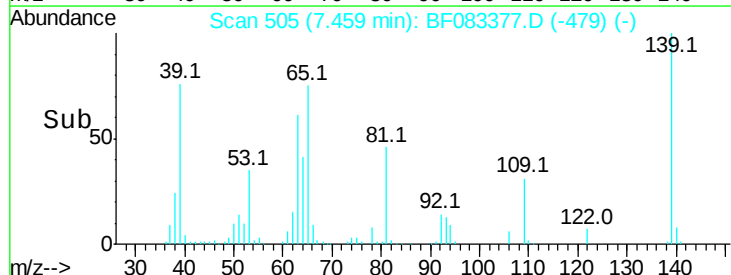
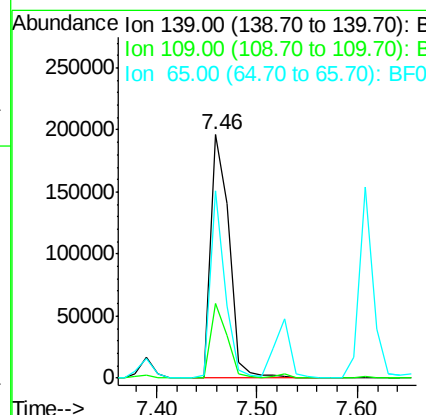
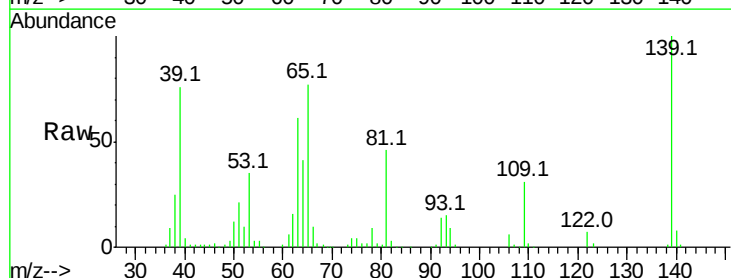
Tgt Ion: 139 Resp: 248691

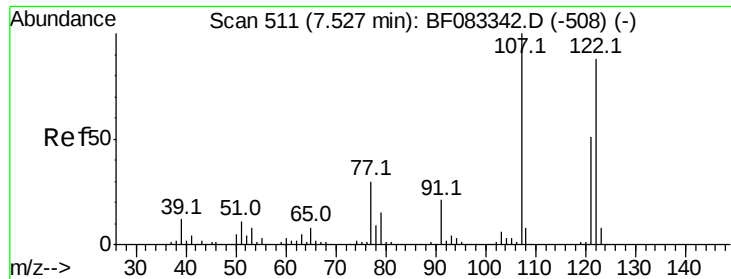
Ion Ratio Lower Upper

139 100

109 30.9 24.2 36.4

65 77.0 61.0 91.6





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 7.53 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

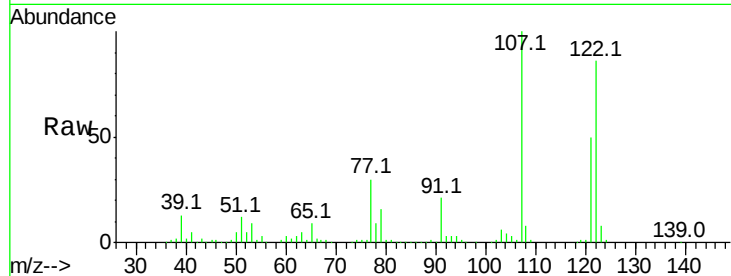
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	450847
Ion Ratio	Lower	Upper	
122	100		
107	116.2	91.2	136.8
121	58.6	46.4	69.6

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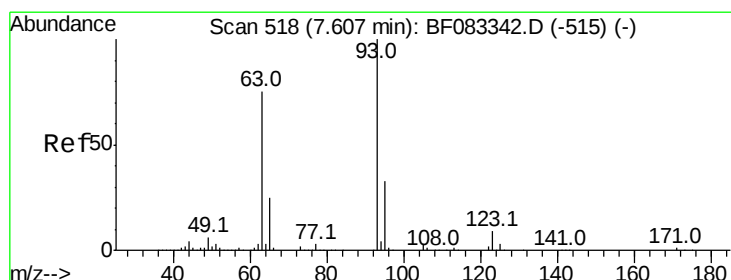
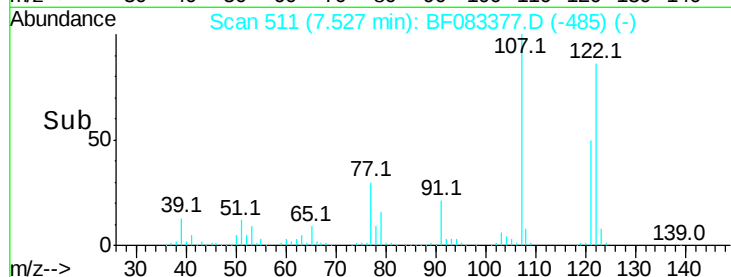
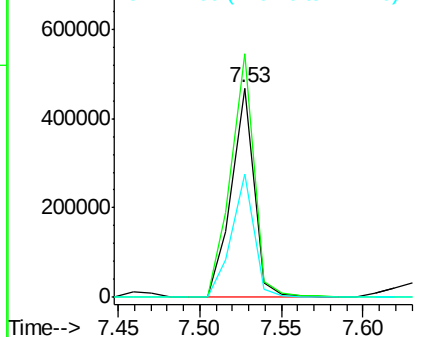
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.36 ng

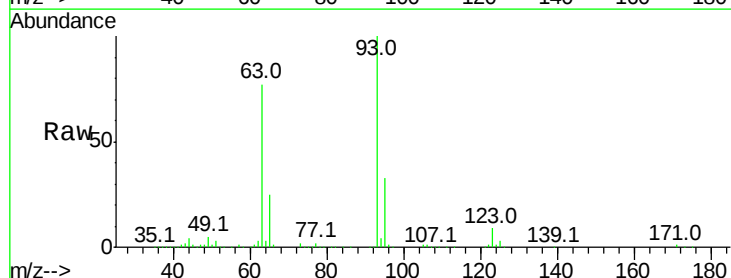
RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

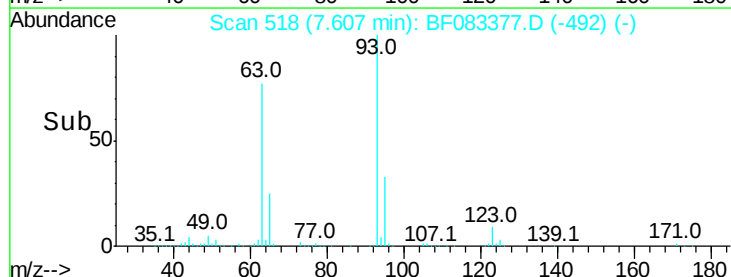
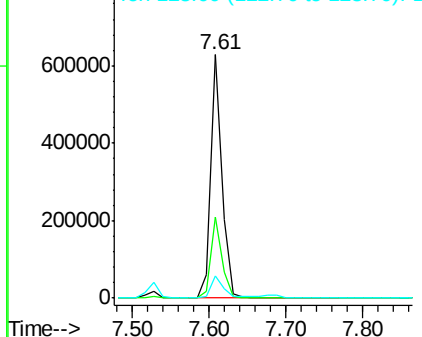
Tgt Ion:	93	Resp:	631198
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.1	39.1
123	9.2	7.4	11.0

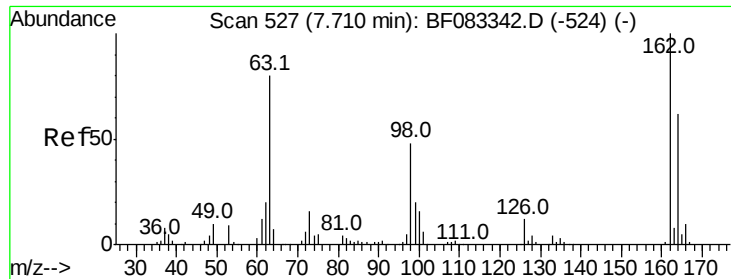


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





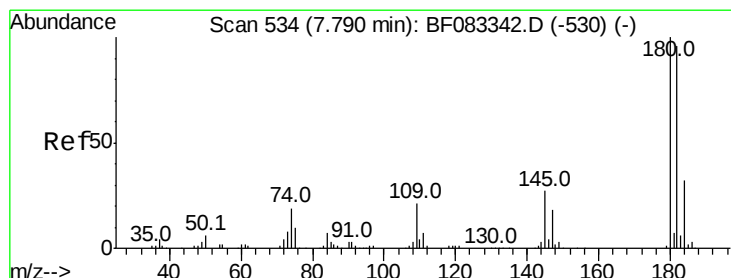
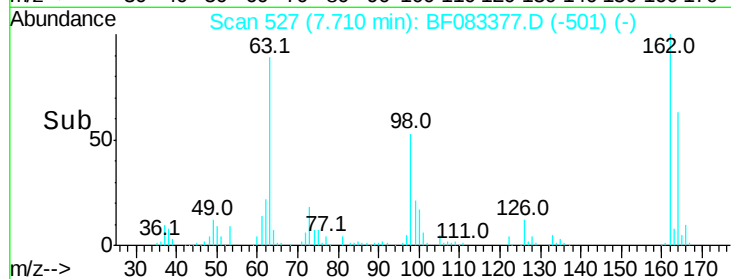
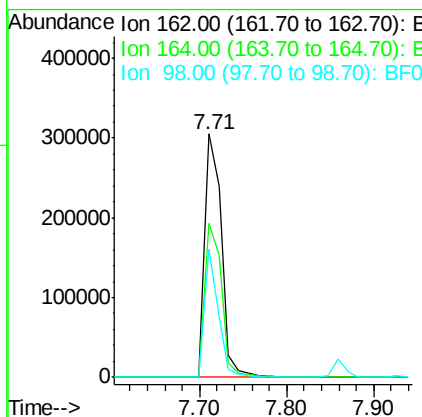
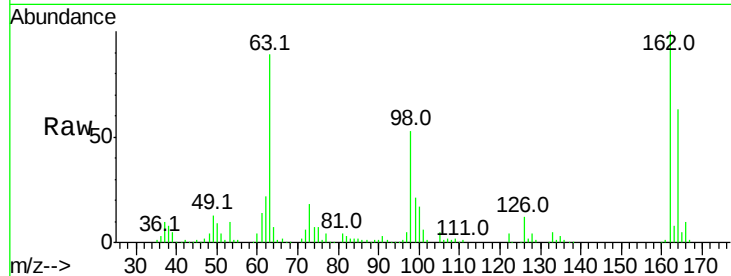
#29
 2,4-Dichlorophenol
 Concen: 37.89 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	41.9	81.9
98	52.9	28.1	68.1

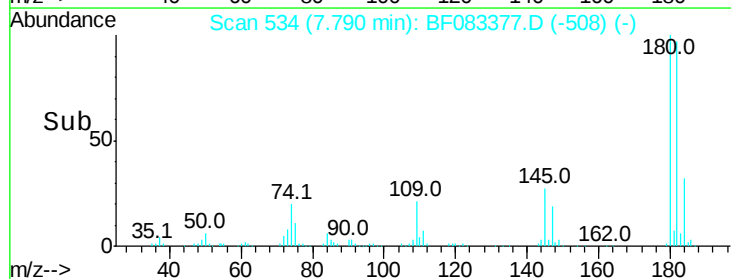
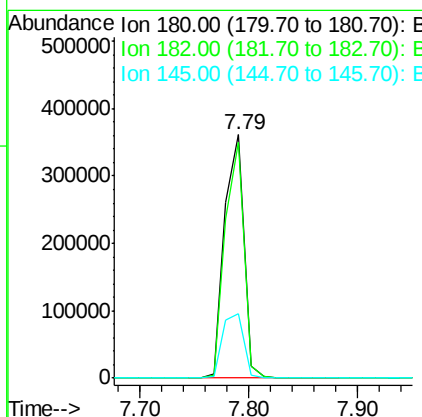
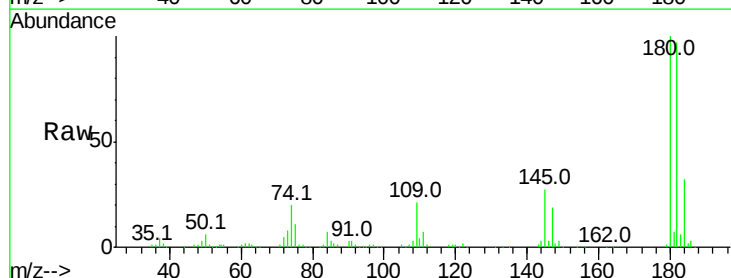
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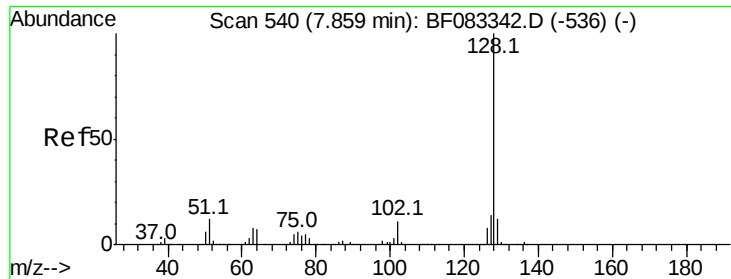
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.21 ng
 RT: 7.79 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	77.2	115.8
145	26.7	21.4	32.2





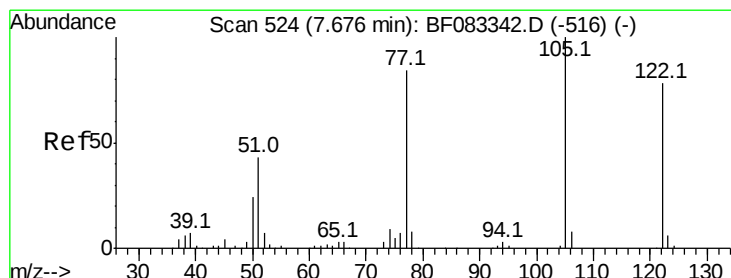
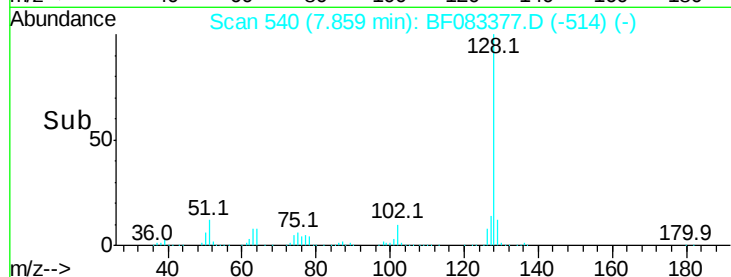
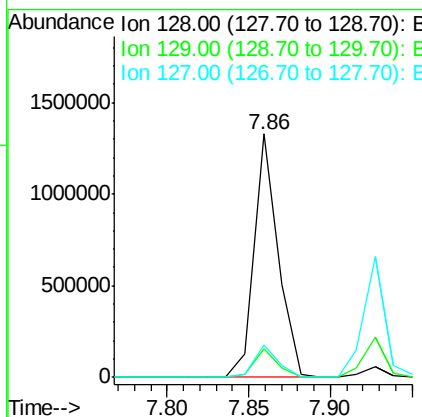
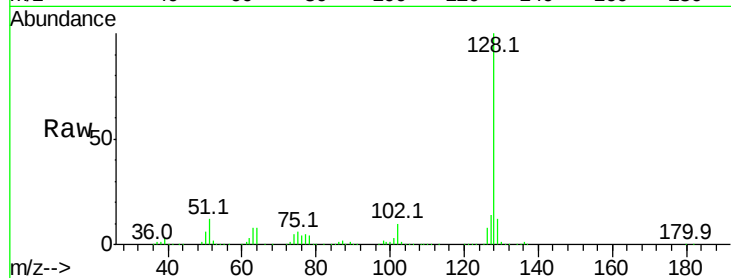
#31
Naphthalene
Concen: 37.35 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	13.6	11.0	16.4

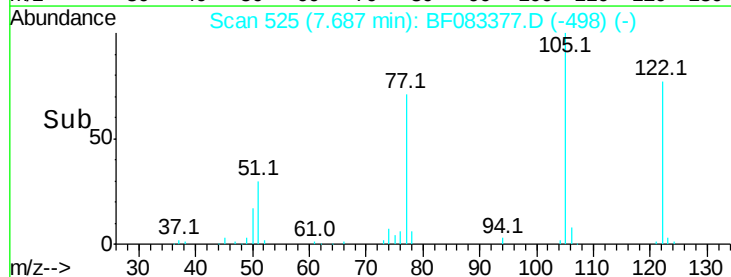
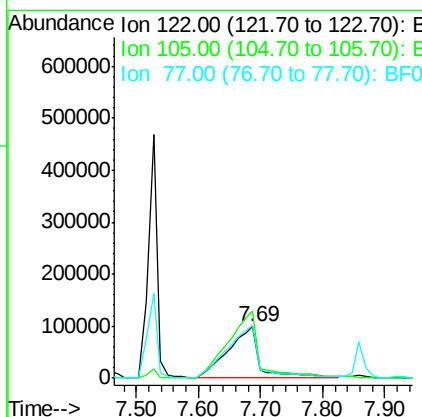
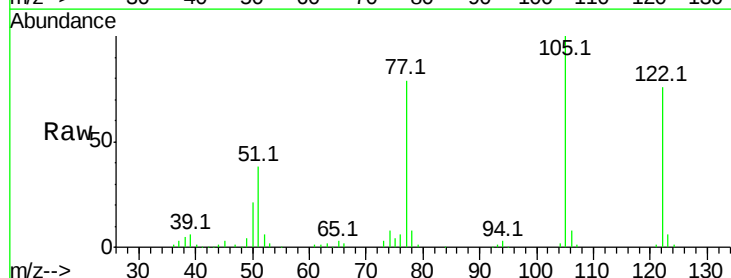
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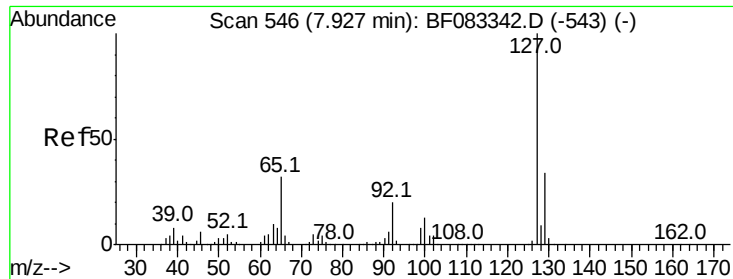
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#32
Benzoic acid
Concen: 43.77 ng
RT: 7.69 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	106.0	146.0
77	103.6	86.3	126.3





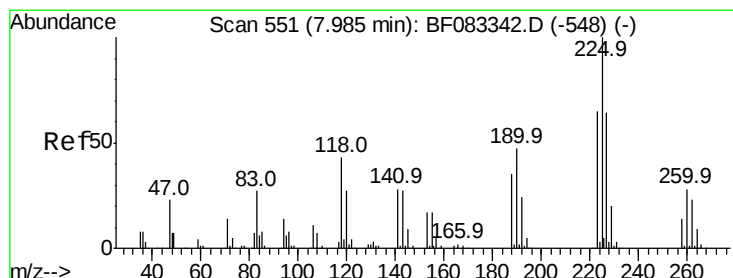
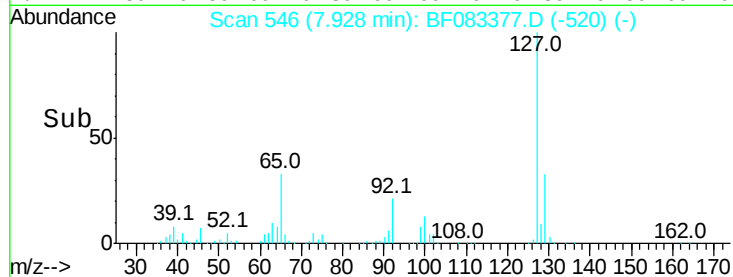
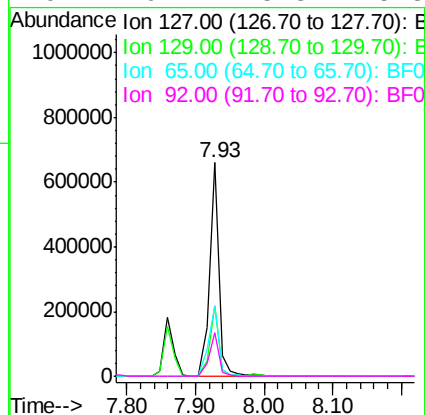
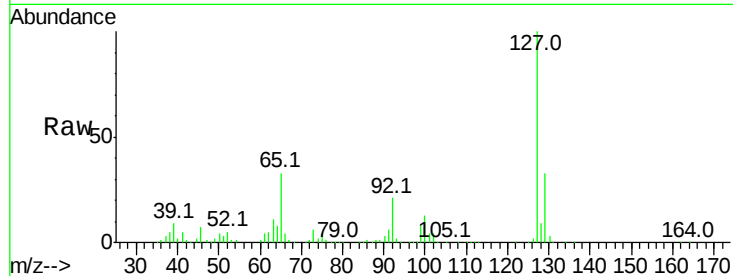
#33
4-Chloroaniline
Concen: 39.99 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	27.0	40.4	
65	33.1	25.9	38.9	
92	20.7	15.8	23.8	

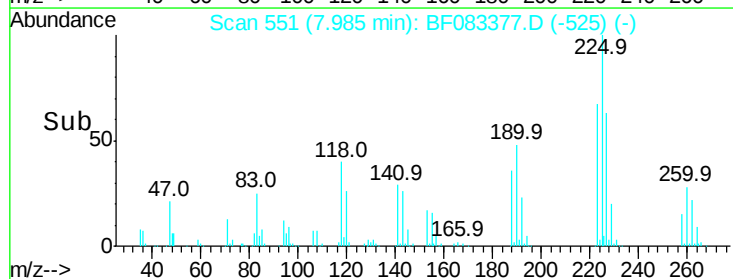
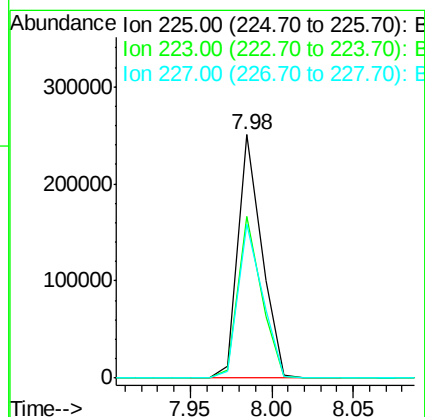
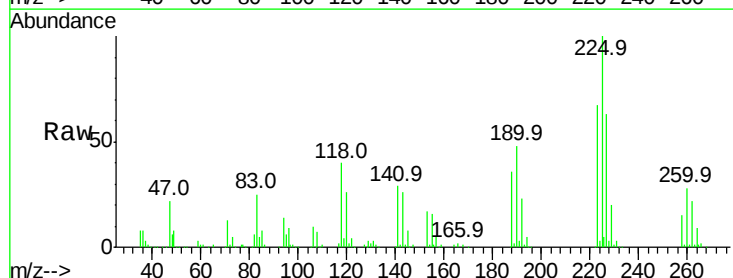
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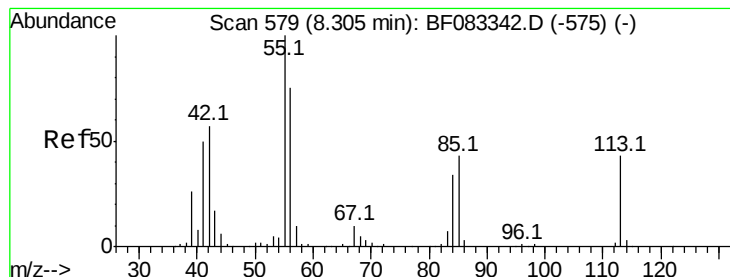
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#34
Hexachlorobutadiene
Concen: 37.90 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.5	52.0	78.0	
227	63.0	51.1	76.7	





#35

Caprolactam

Concen: 42.23 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

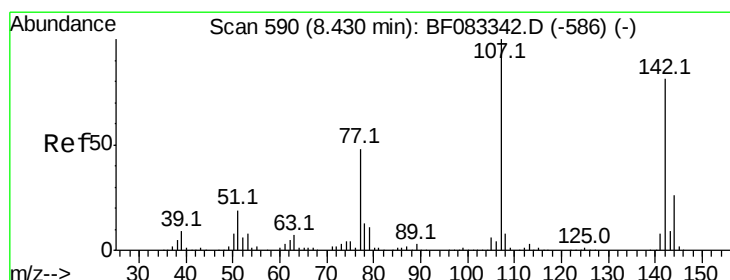
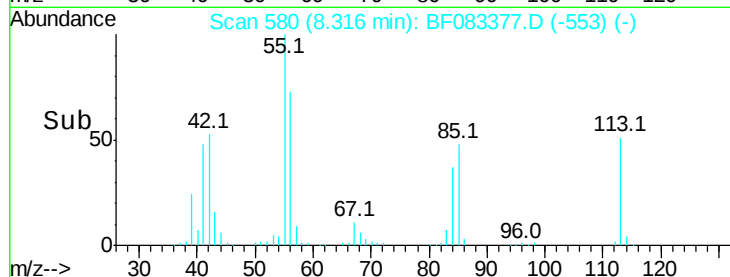
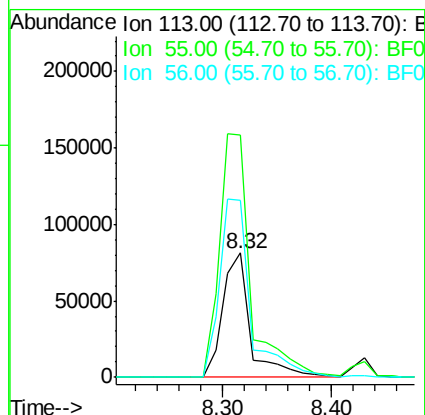
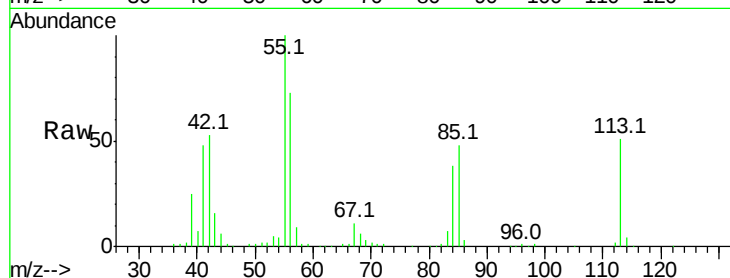
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	194.4	211.6	251.6#
56	142.2	153.0	193.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 40.04 ng

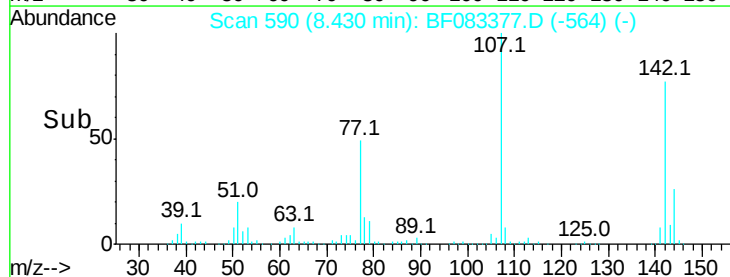
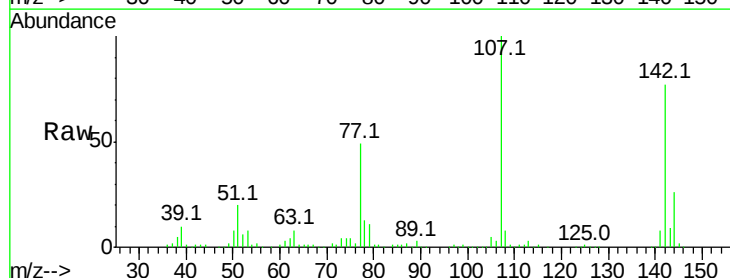
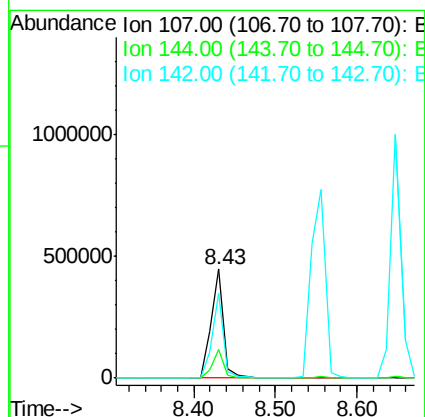
RT: 8.43 min Scan# 590

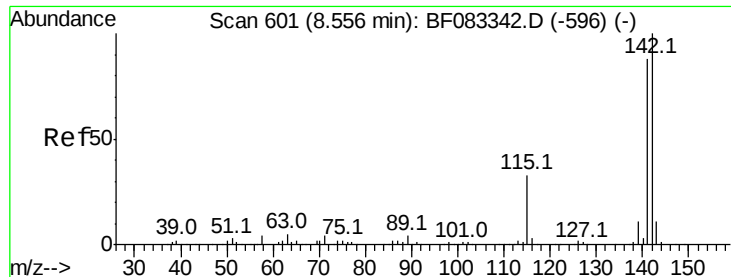
Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.1	31.7
142	77.4	65.1	97.7





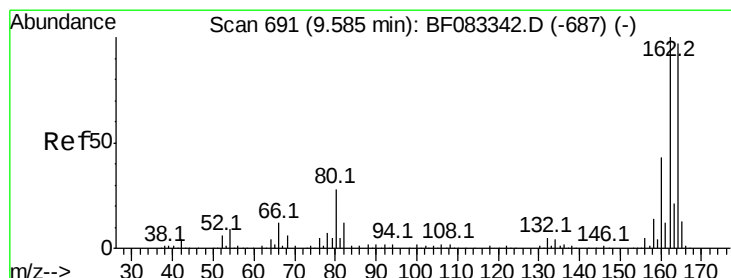
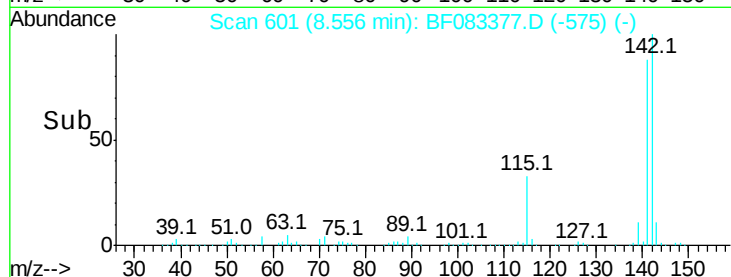
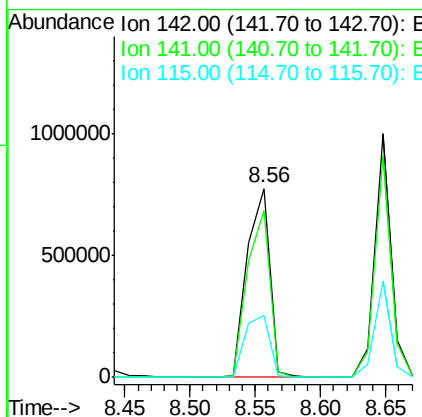
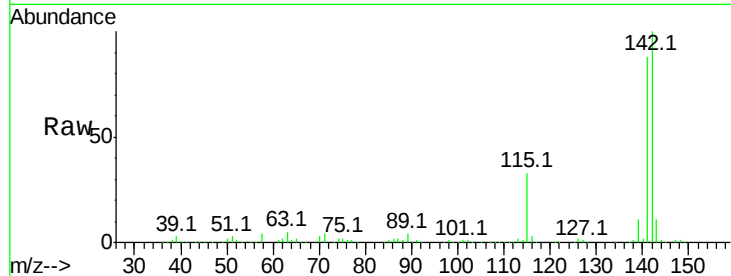
#37
 2-Methylnaphthalene
 Concen: 38.24 ng
 RT: 8.56 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	105.8
115	32.8	26.2	39.2

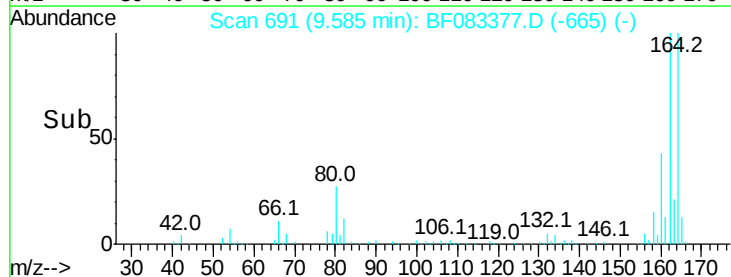
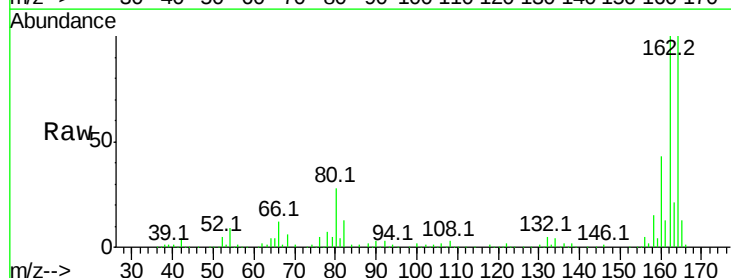
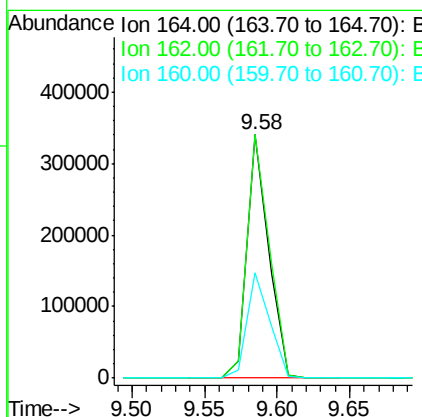
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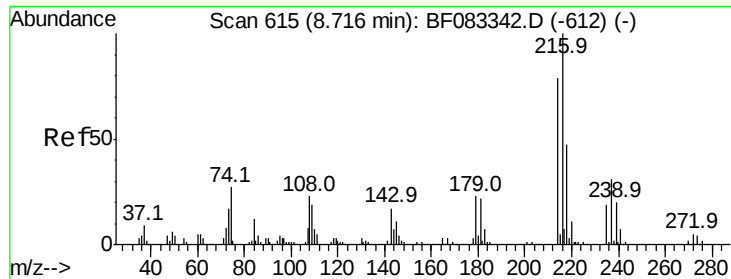
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	43.3	35.3	52.9





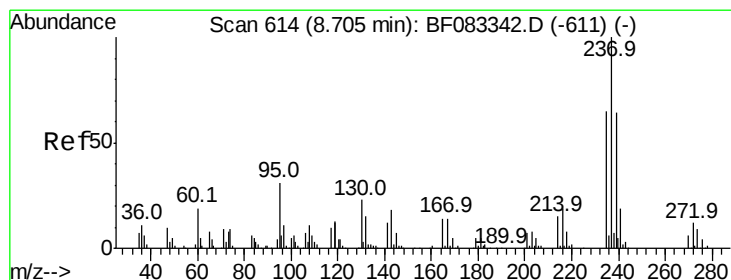
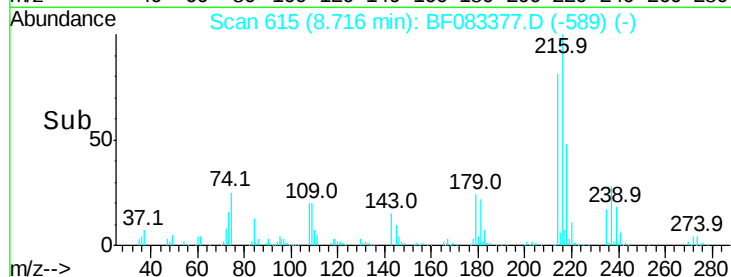
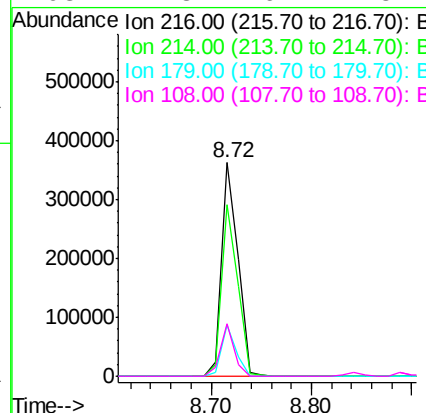
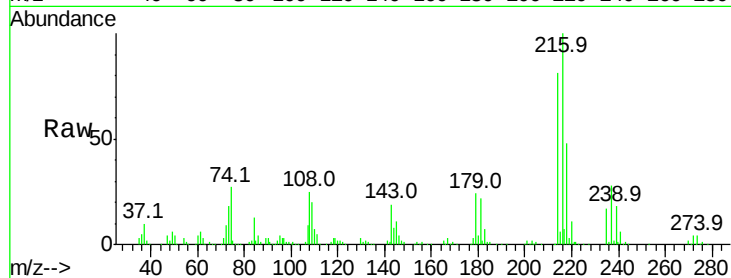
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.46 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

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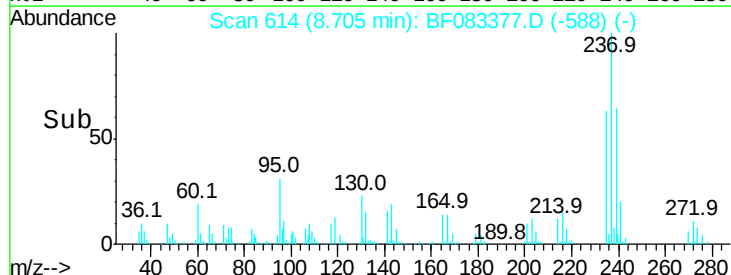
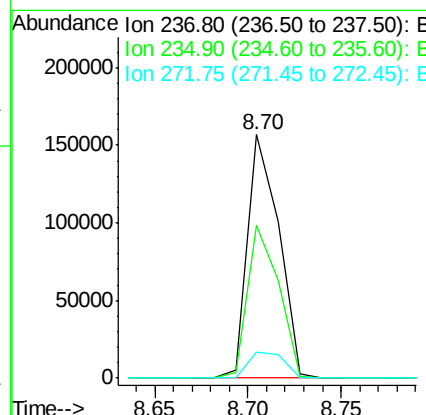
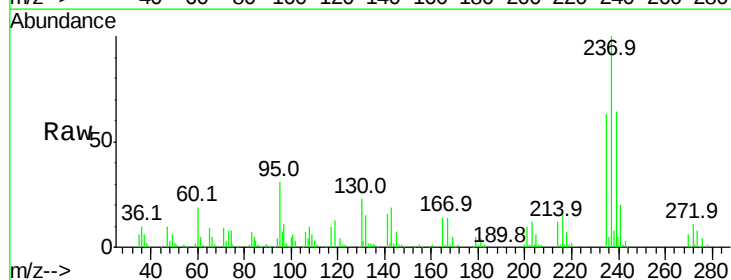
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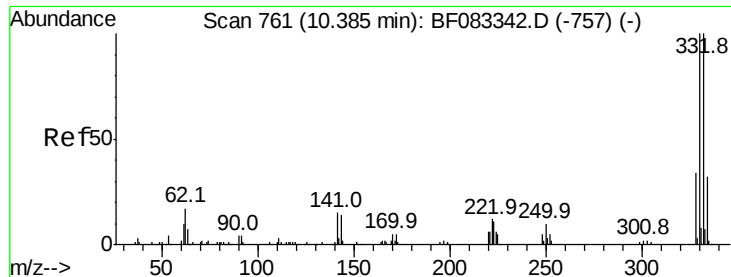
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	62.3	93.5
179	21.7	17.0	25.4
108	21.3	16.7	25.1



#40
 Hexachlorocyclopentadiene
 Concen: 34.23 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	44.5	84.5
272	10.6	0.0	31.6





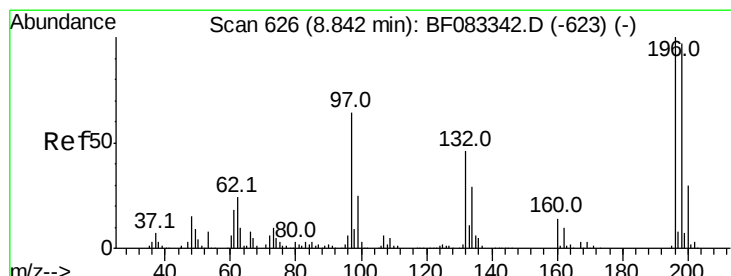
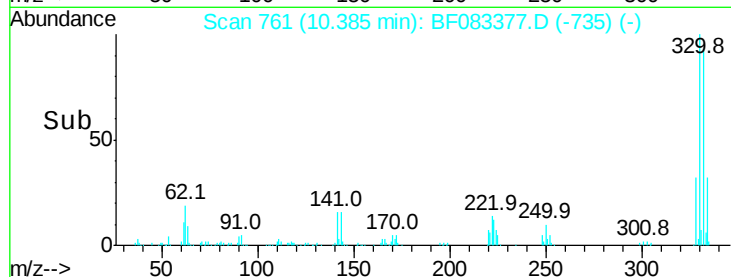
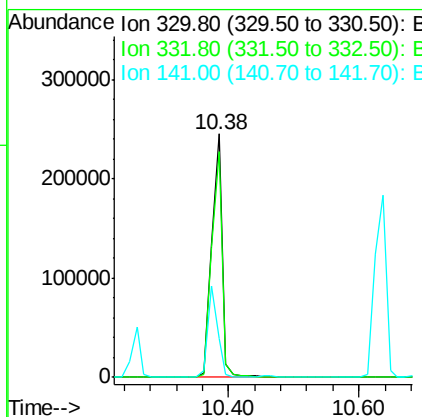
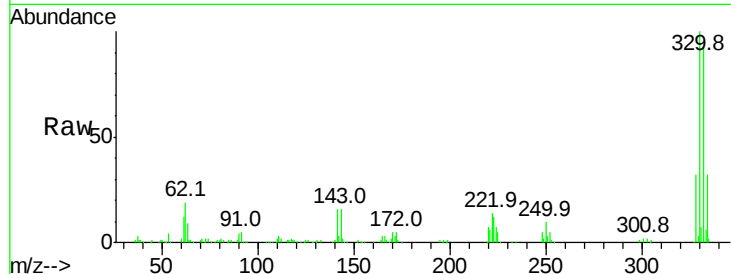
#41
 2,4,6-Tribromophenol
 Concen: 78.91 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	280066		
332	93.8		77.8	116.6
141	34.9		29.4	44.0

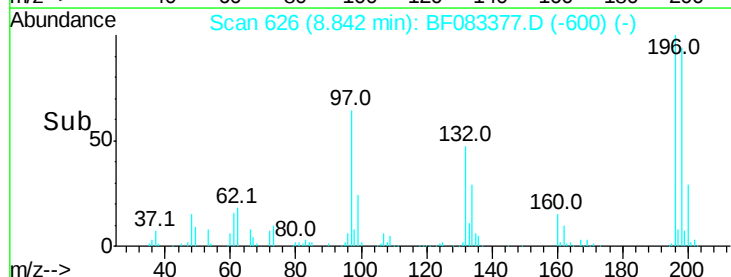
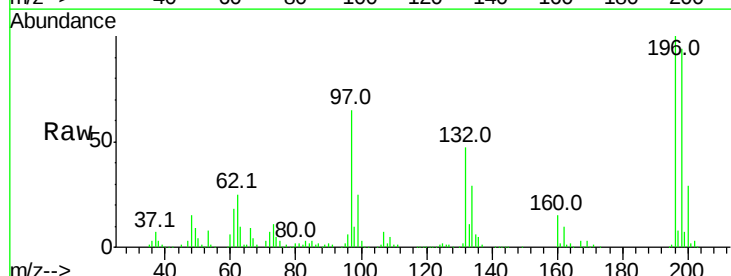
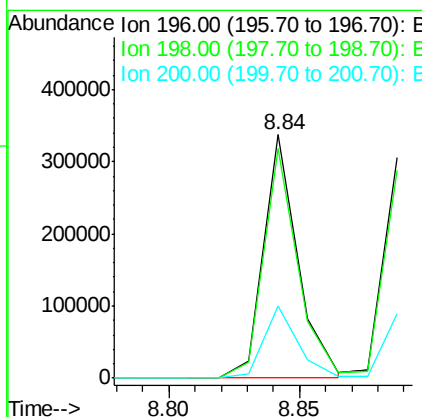
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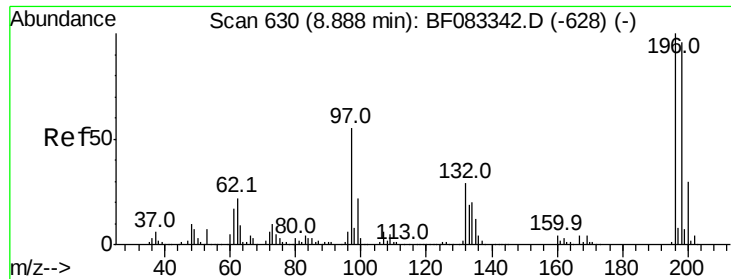
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#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308941		
198	94.3		77.2	115.8
200	29.5		24.2	36.4





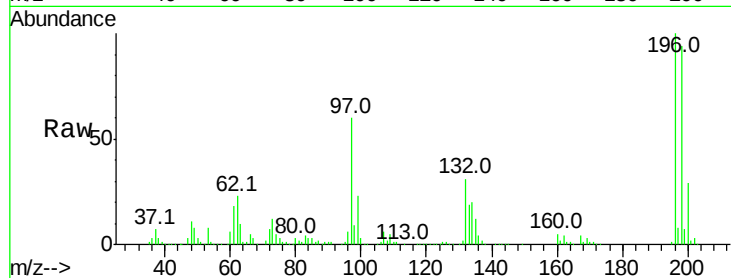
#43
 2,4,5-Trichlorophenol
 Concen: 39.00 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		317639		
198	94.3	77.2	115.8		
97	60.3	44.4	66.6		
132	31.0	23.2	34.8		

Manual Integrations
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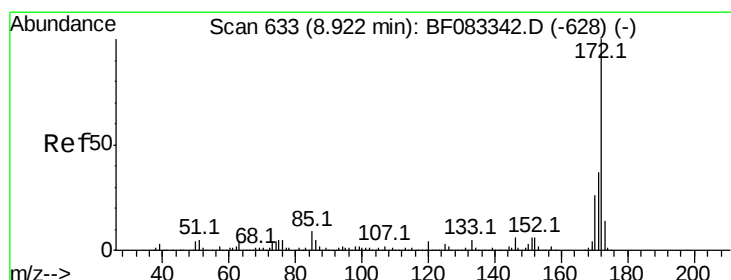
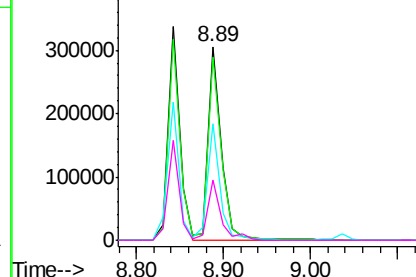
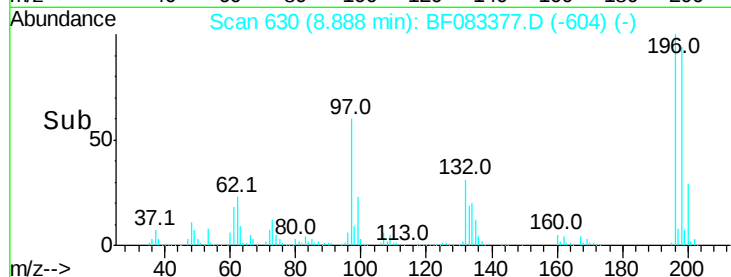
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

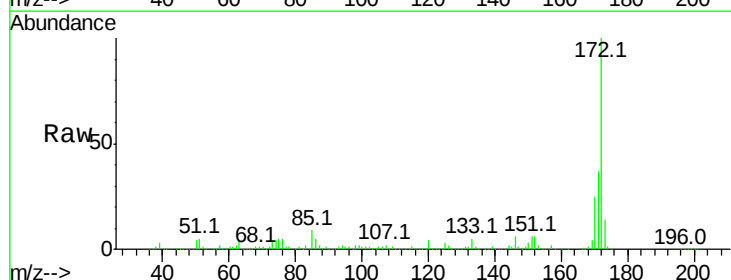
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.06 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1763044		
171	37.0	29.4	44.0		
170	24.8	20.4	30.6		

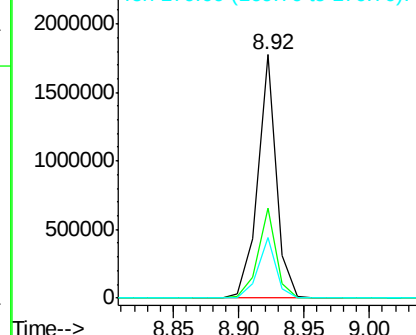
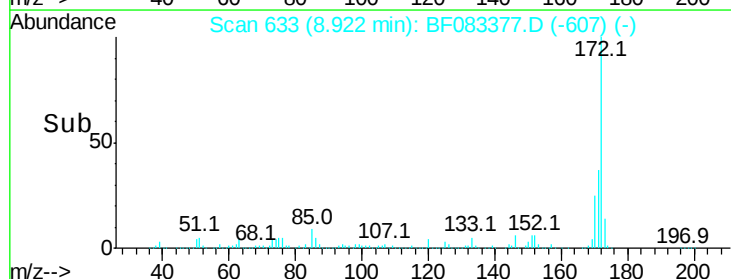


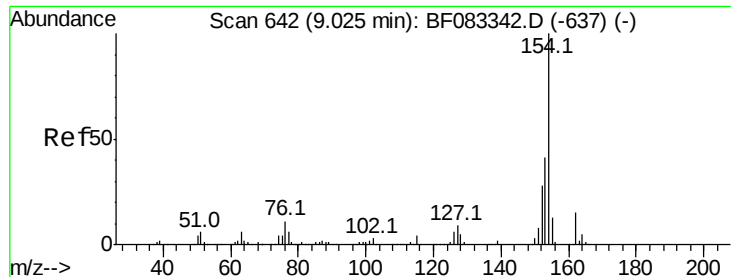
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.20 ng

RT: 9.02 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1153210

Ion Ratio Lower Upper

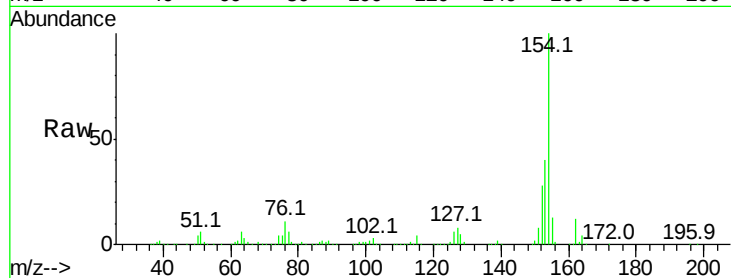
154 100

153 39.5 20.6 60.6

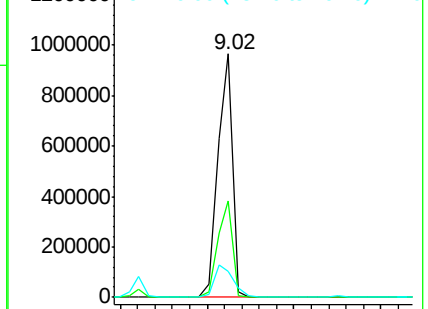
76 10.8 0.0 30.5

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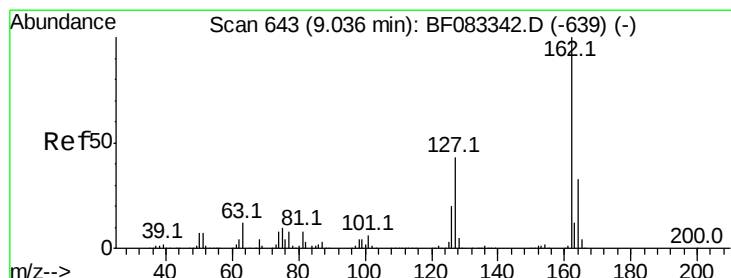
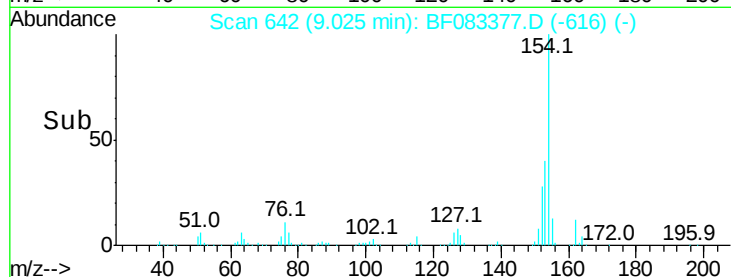
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 36.54 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

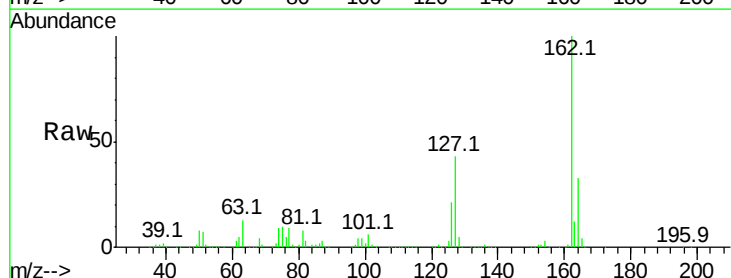
Tgt Ion:162 Resp: 863261

Ion Ratio Lower Upper

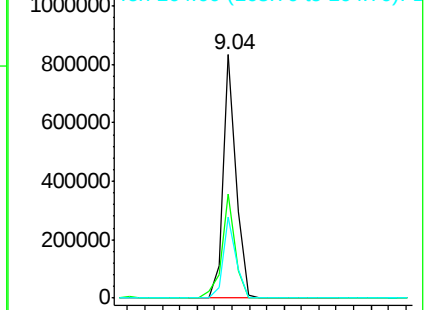
162 100

127 42.9 34.1 51.1

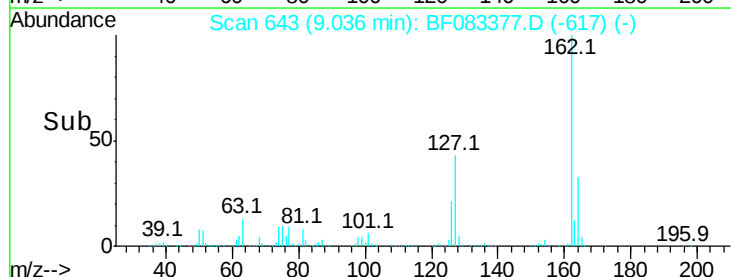
164 33.4 26.6 39.8

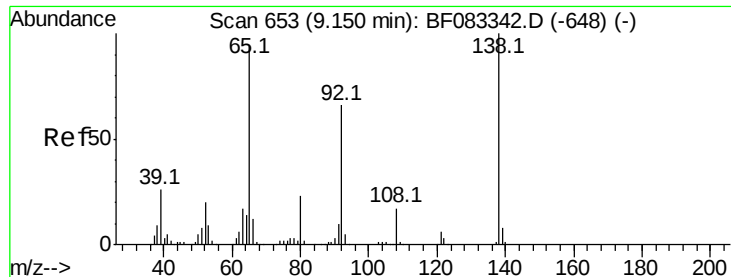


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





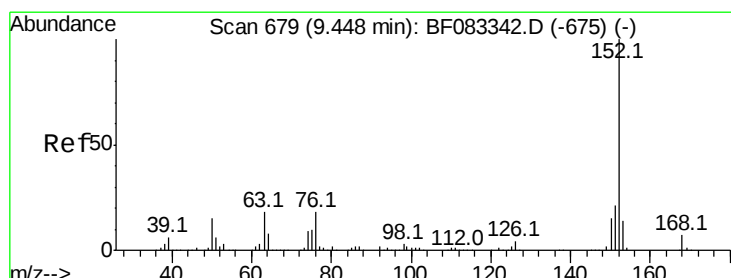
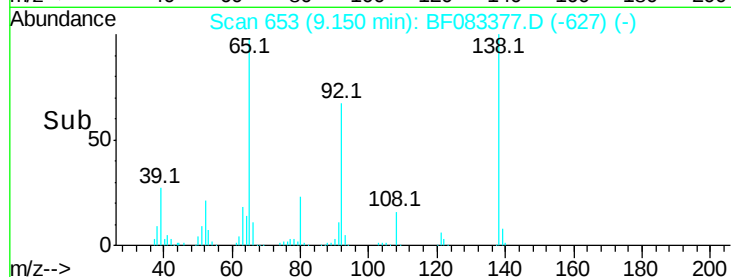
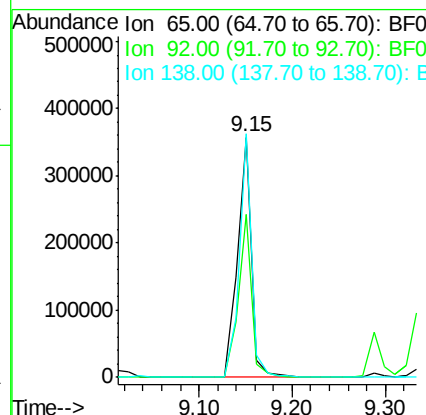
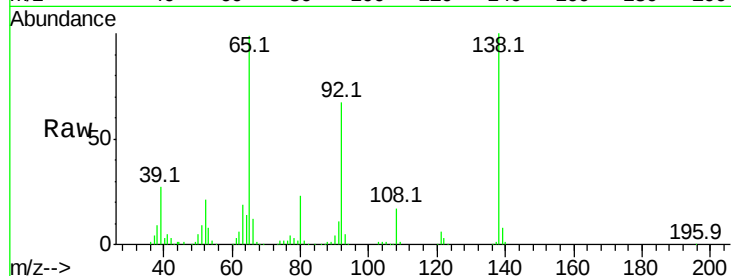
#47
2-Nitroaniline
Concen: 40.41 ng
RT: 9.15 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	56.2	84.4
138	101.5	85.4	128.0

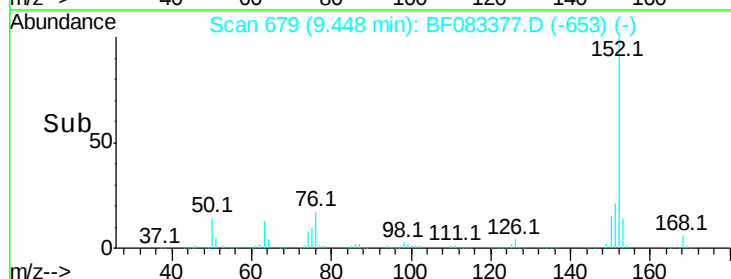
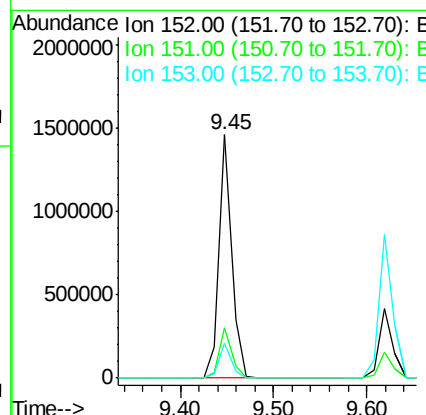
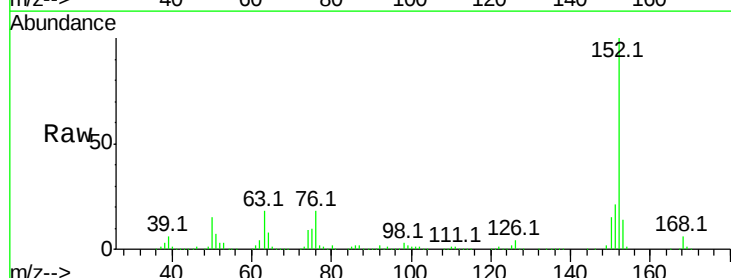
Manual Integrations
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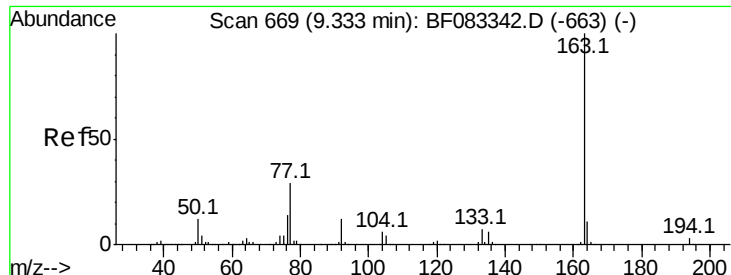
Mmdadoda
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#48
Acenaphthylene
Concen: 36.78 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.3	11.2	16.8





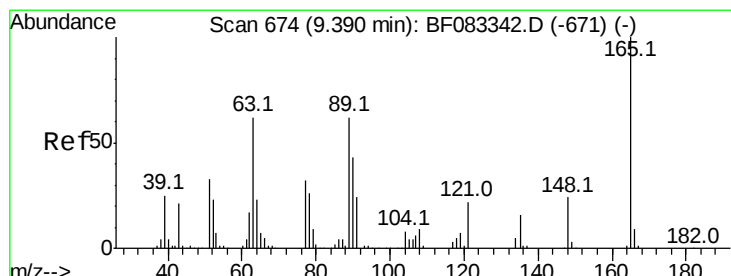
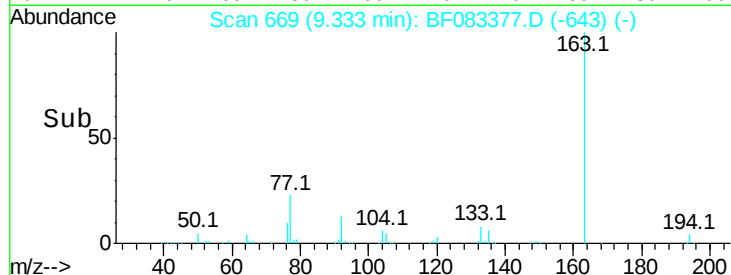
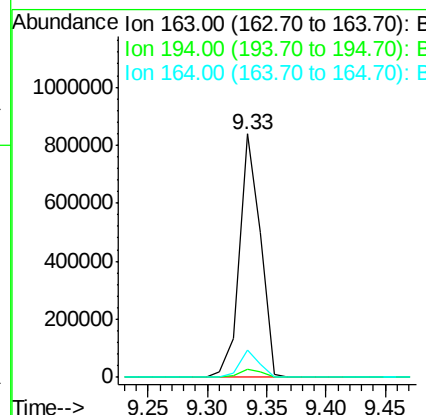
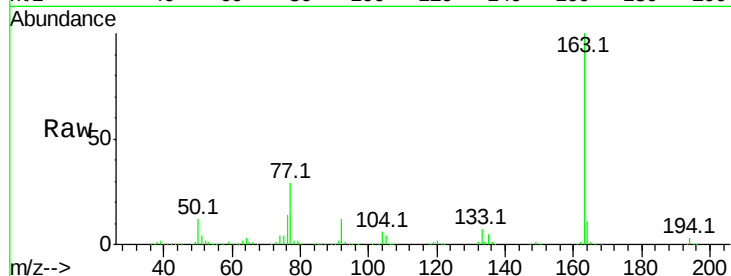
#49
Dimethylphthalate
Concen: 35.97 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1033545
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.3 8.8 13.2

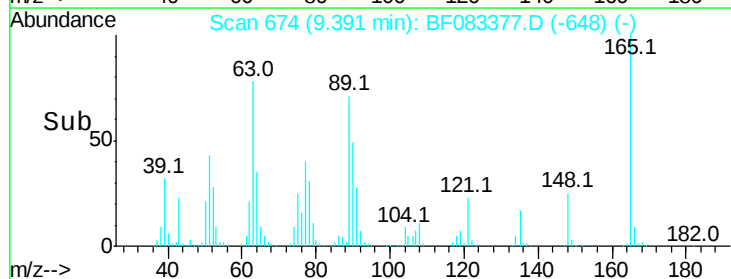
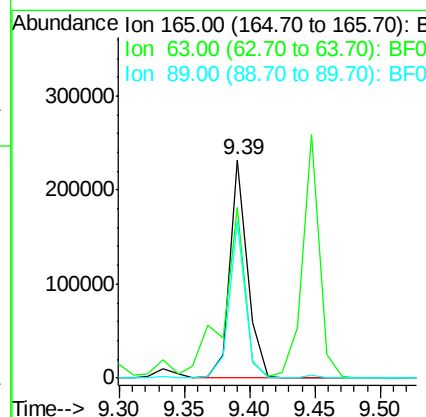
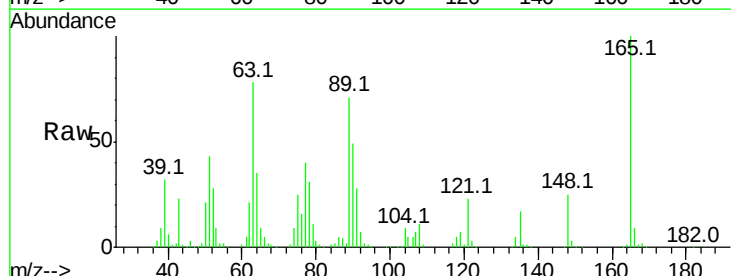
Manual Integrations
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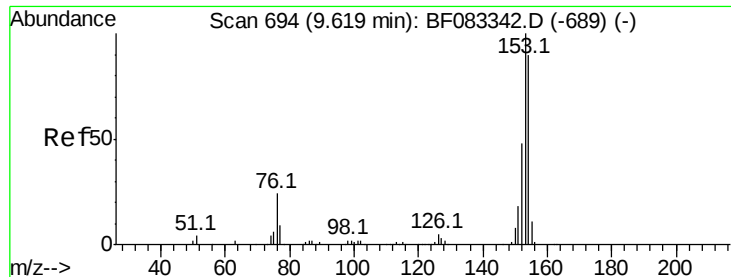
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#50
2,6-Dinitrotoluene
Concen: 36.00 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion:165 Resp: 220873
Ion Ratio Lower Upper
165 100
63 78.1 56.0 84.0
89 71.4 49.8 74.8





#51

Acenaphthene

Concen: 35.84 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

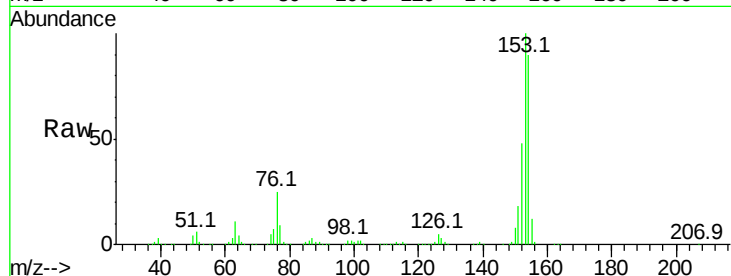
ClientSampleId :

SSTDCCC040

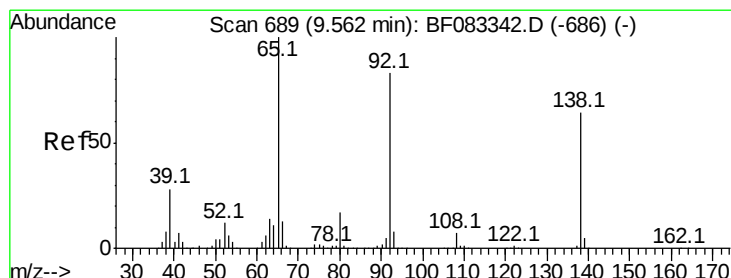
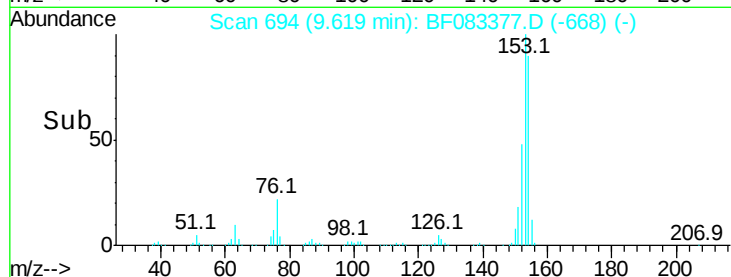
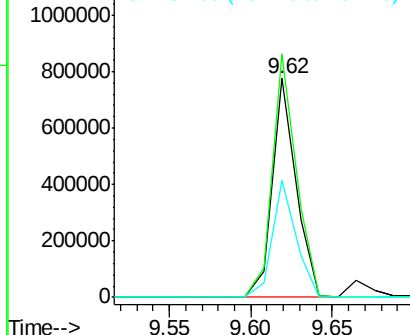
Tot Ion:	154	Resp:	794429
Ion Ratio	Lower	Upper	
154	100		
153	111.1	89.3	133.9
152	53.6	42.5	63.7

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



#52

3-Nitroaniline

Concen: 37.83 ng

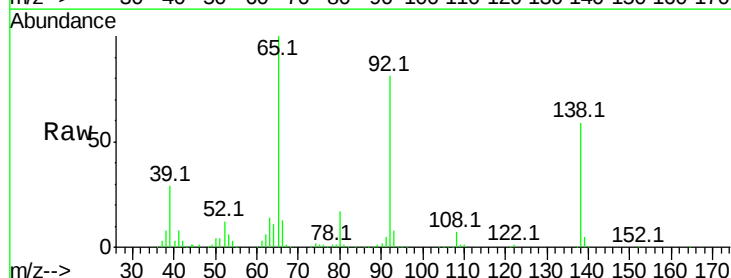
RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

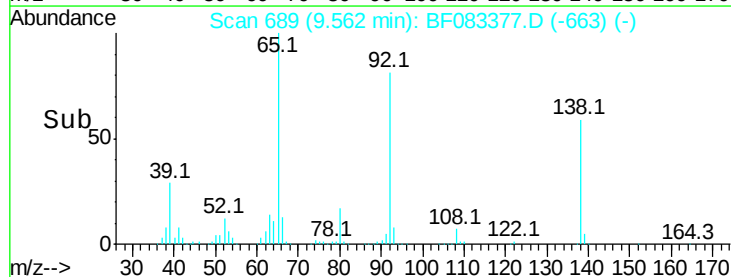
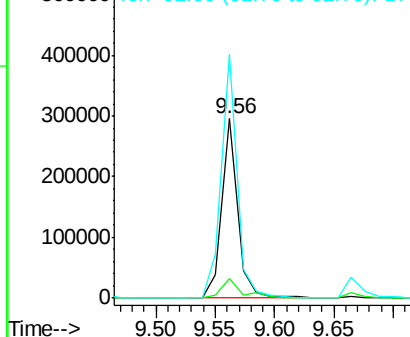
Lab File: BF083377.D

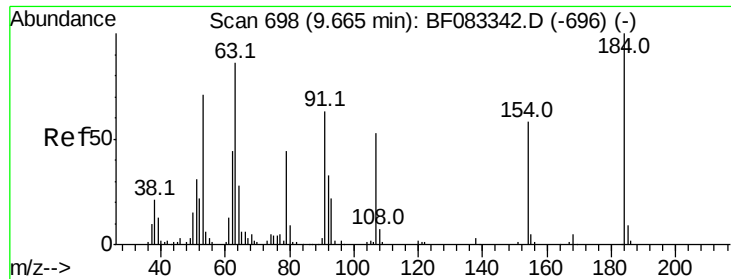
Acq: 1 Dec 2015 17:25

Tgt Ion:	138	Resp:	272081
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.4	12.6
92	135.8	104.2	156.4



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





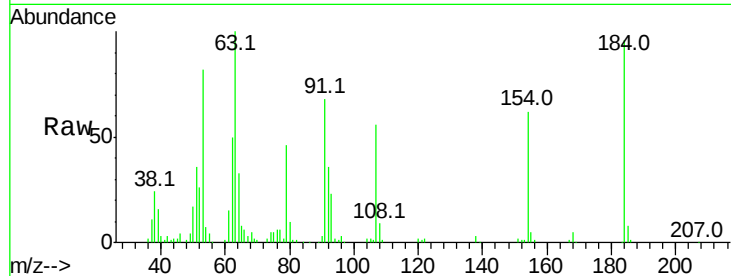
#53
2,4-Dinitrophenol
Concen: 37.01 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

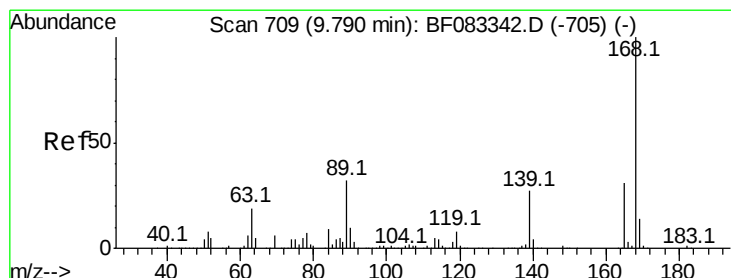
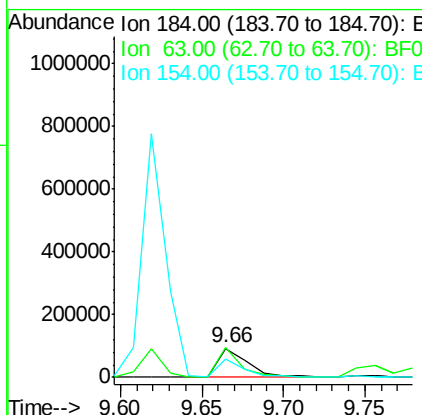
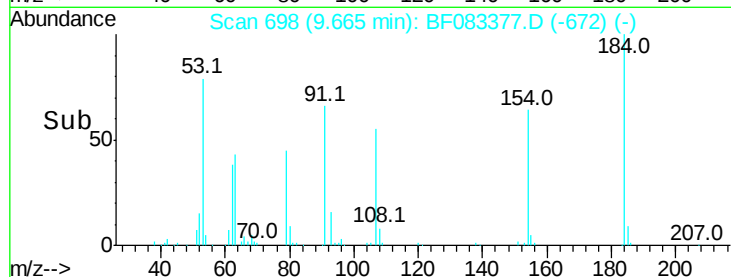
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	103.8	69.0	103.6#	
154	64.2	50.0	75.0	

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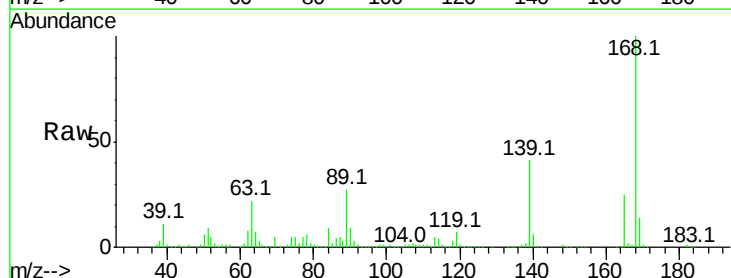


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

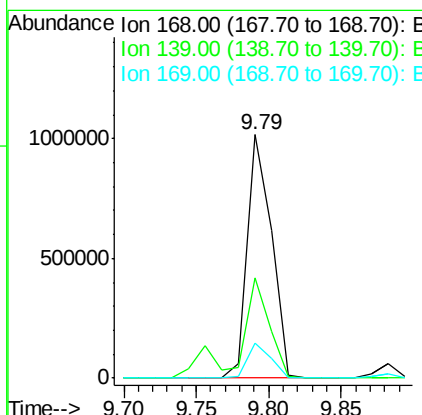
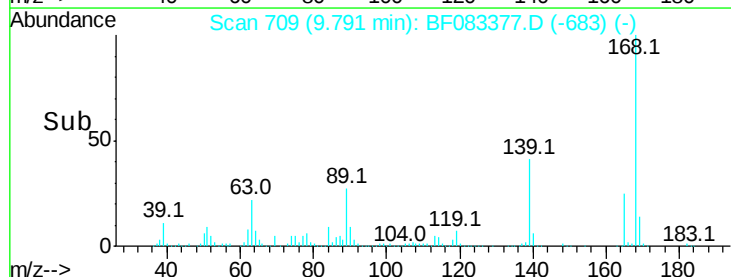


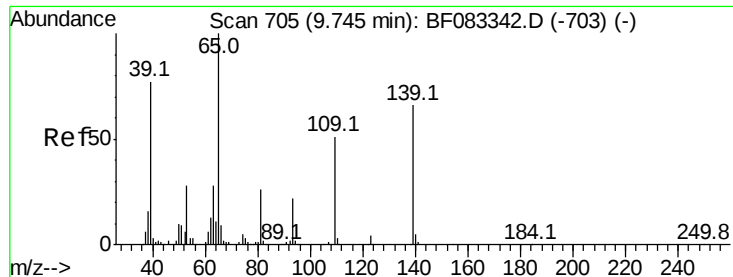
#54
Dibenzofuran
Concen: 36.24 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.0	32.7	49.1	
169	14.3	11.1	16.7	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





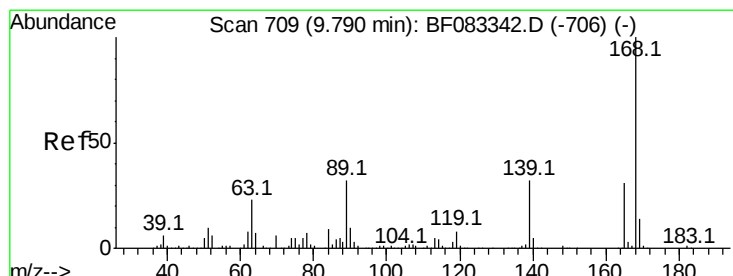
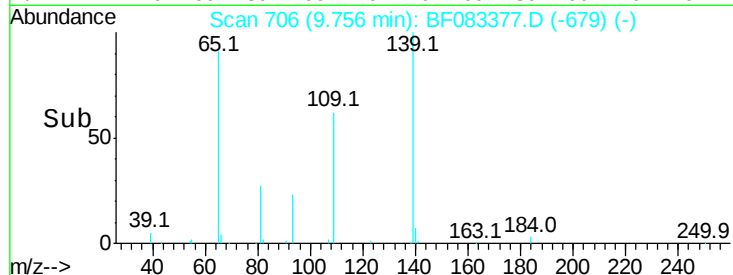
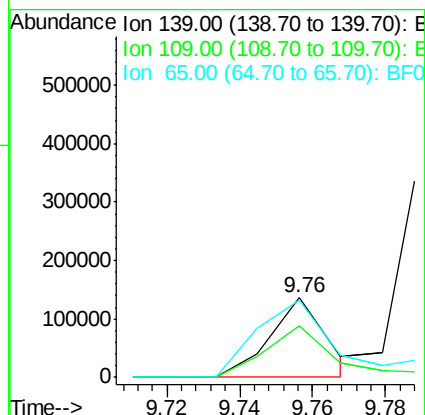
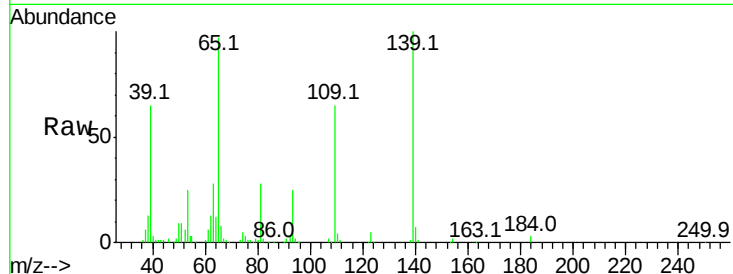
#55
4-Nitrophenol
Concen: 32.32 ng/ml
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.7	57.4	97.4	
65	97.1	131.6	171.6	#

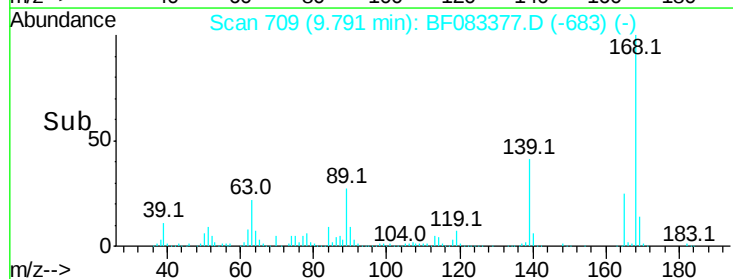
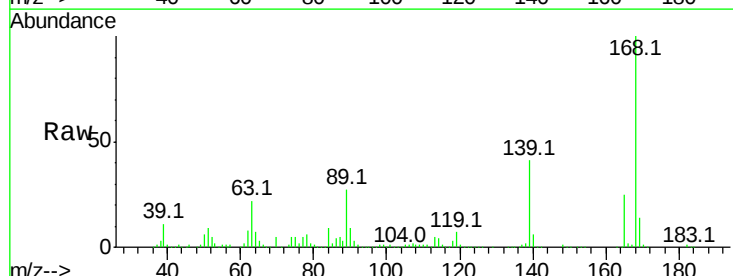
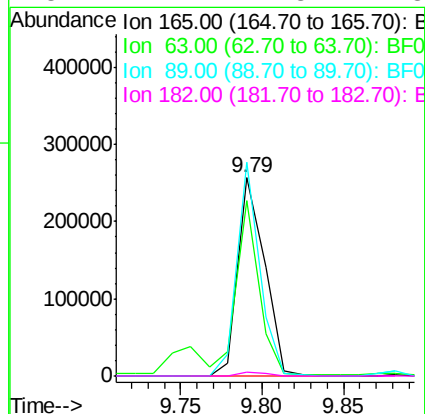
Manual Integrations
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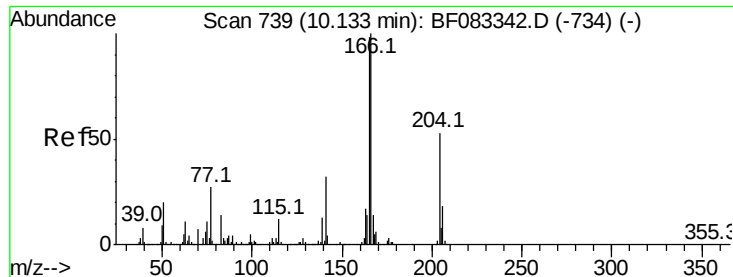
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#56
2,4-Dinitrotoluene
Concen: 37.20 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	88.5	65.4	98.0	
89	107.7	81.2	121.8	
182	2.1	1.8	2.8	





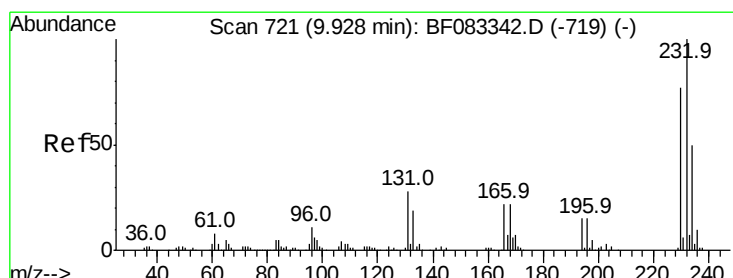
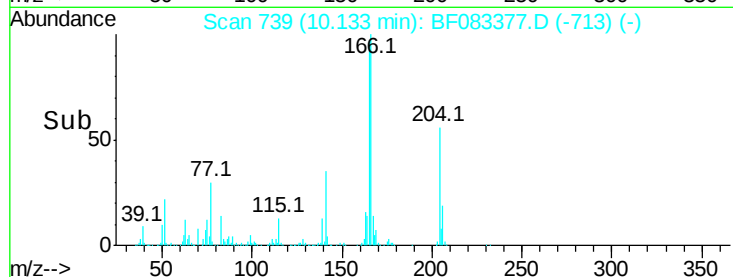
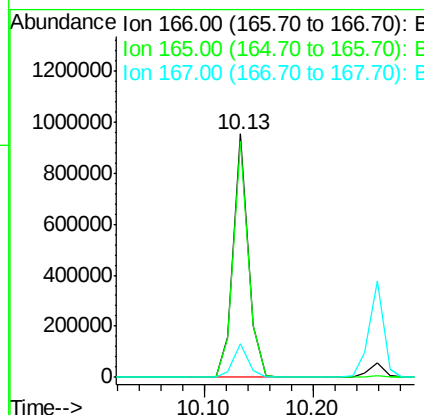
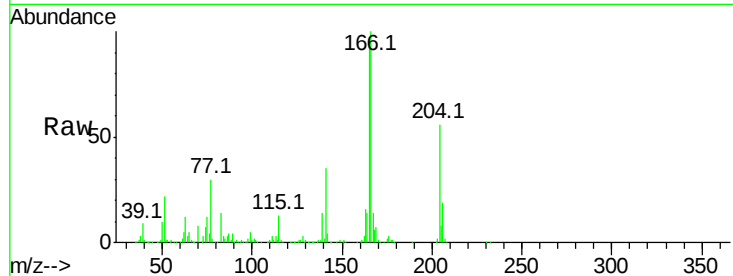
#57
 Fluorene
 Concen: 35.53 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	78.3	117.5	
167	14.1	11.1	16.7	

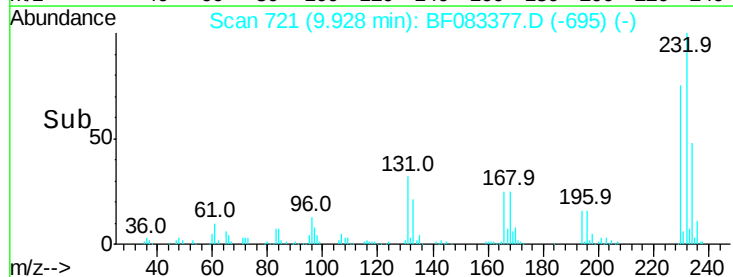
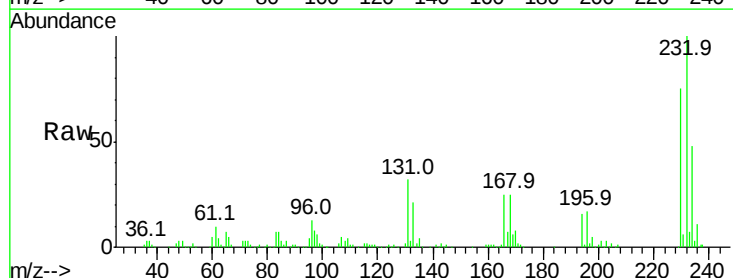
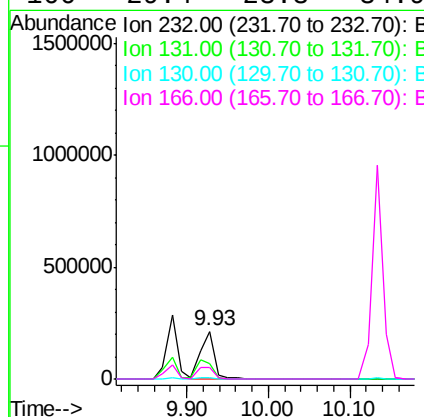
Manual Integrations
 APPROVED

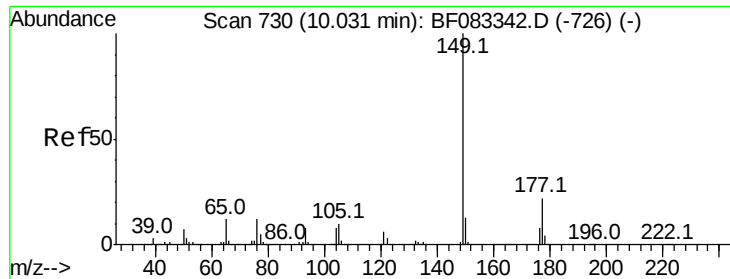
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.66 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.7	35.4	53.2	
130	2.2	1.7	2.5	
166	29.4	23.3	34.9	





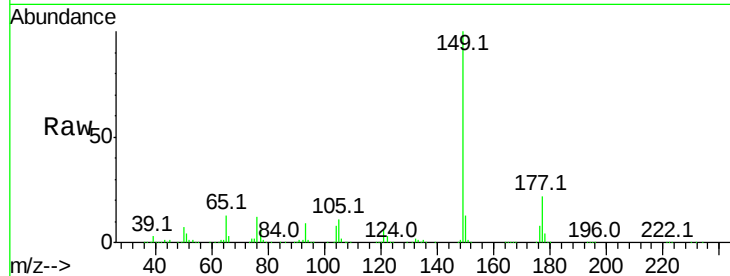
#59
Diethylphthalate
Concen: 37.05 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

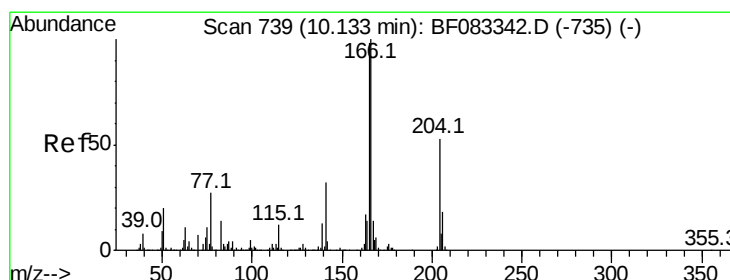
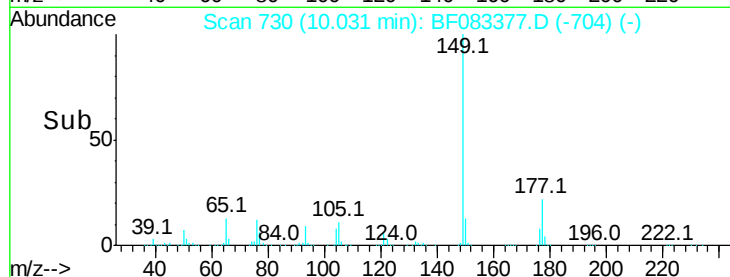
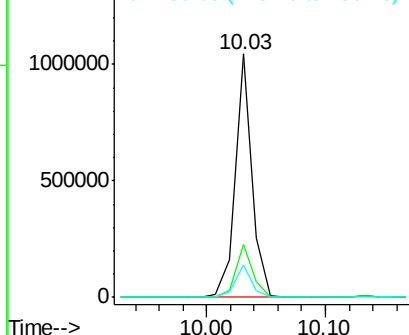
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	13.2	10.4	15.6

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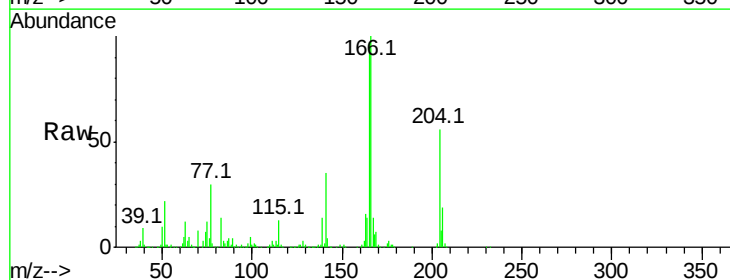


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

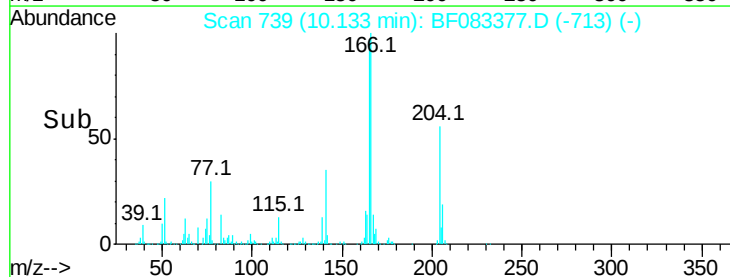
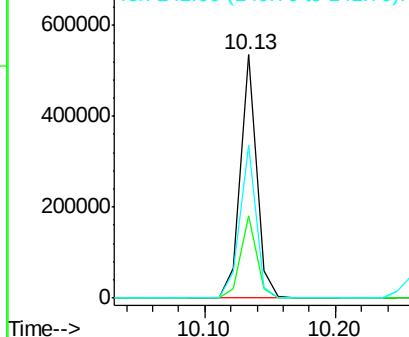


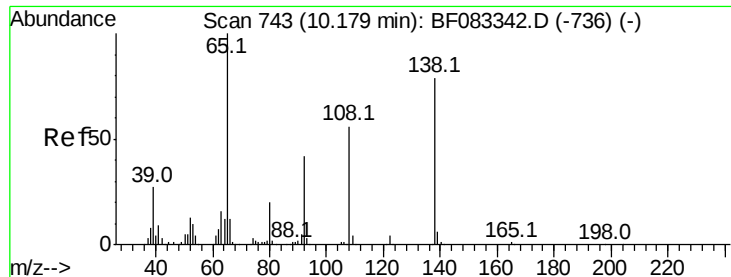
#60
4-Chlorophenyl-phenylether
Concen: 38.77 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.5	41.3
141	62.5	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





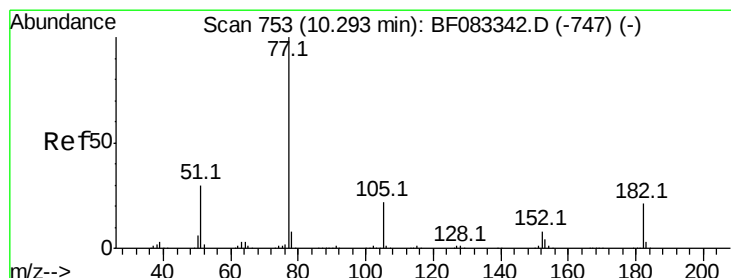
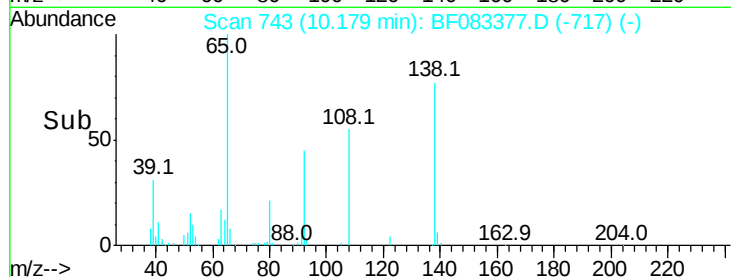
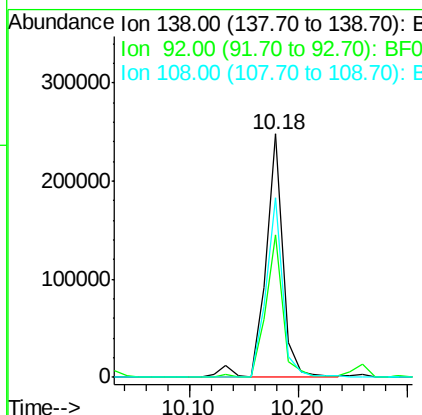
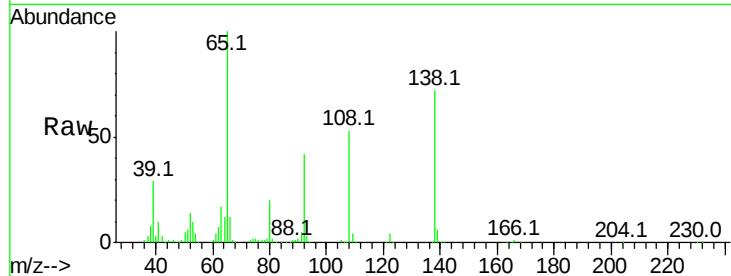
#61
4-Nitroaniline
Concen: 38.65 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.4	33.6	73.6
108	73.8	51.0	91.0

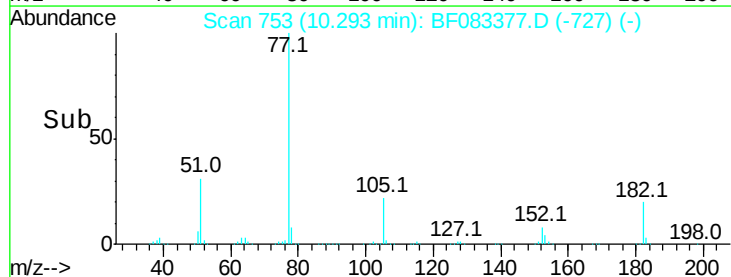
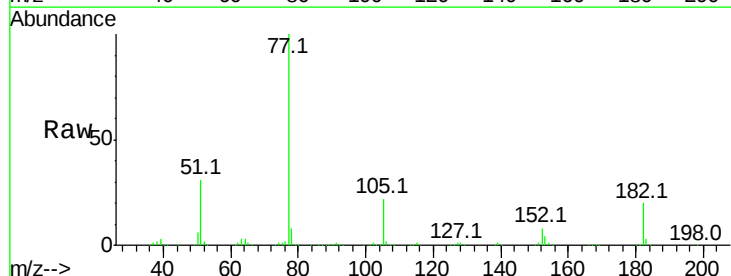
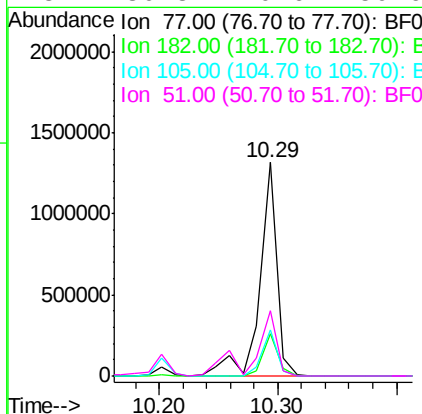
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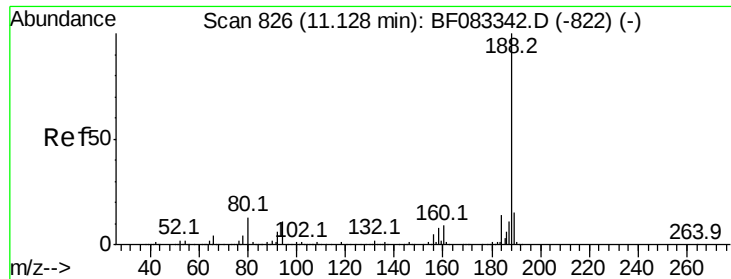
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#62
Azobenzene
Concen: 40.15 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.8	40.8
105	21.8	2.3	42.3
51	30.8	10.6	50.6





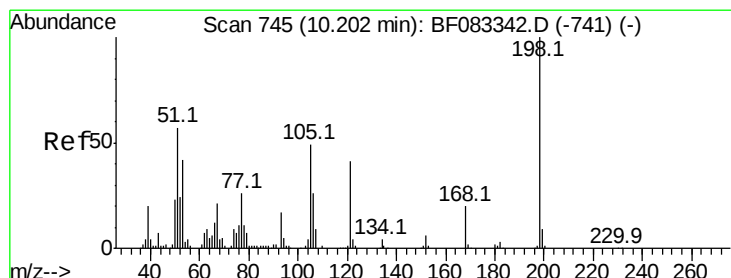
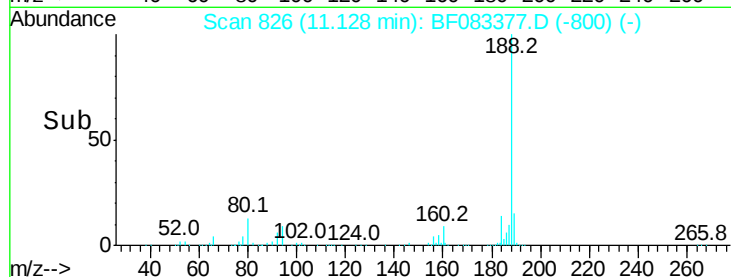
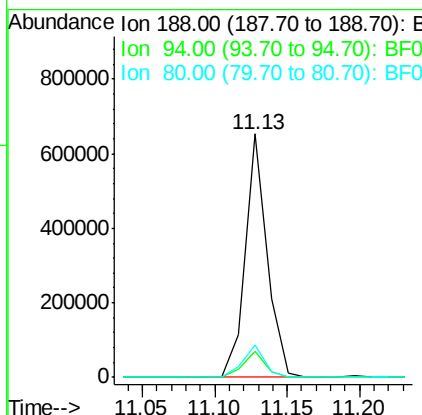
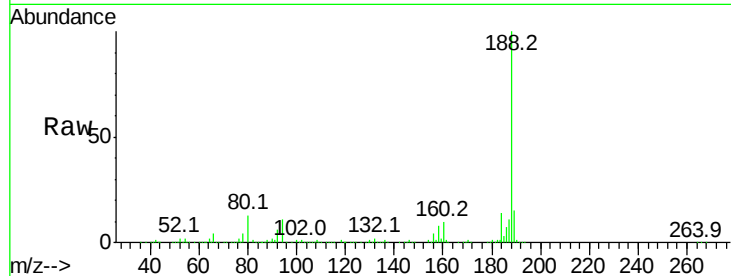
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	681765		
94	10.7		8.7	13.1
80	13.2		10.3	15.5

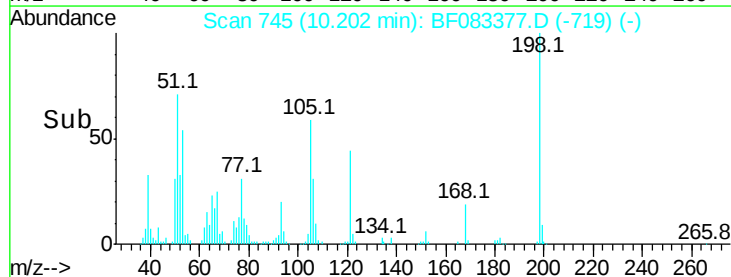
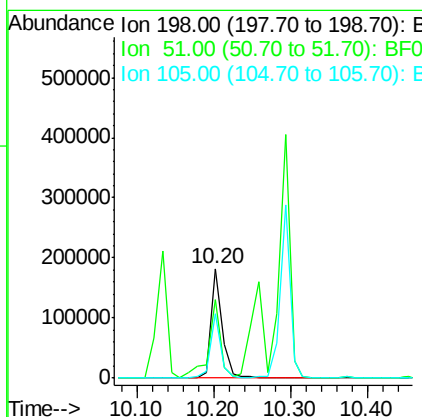
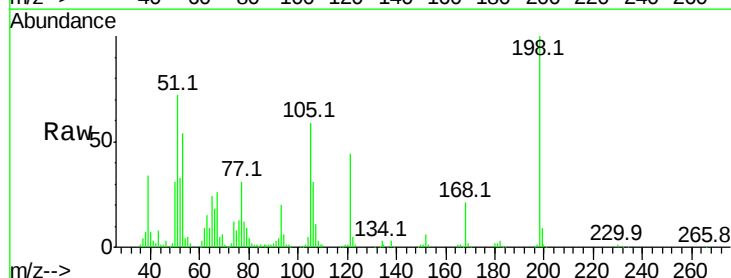
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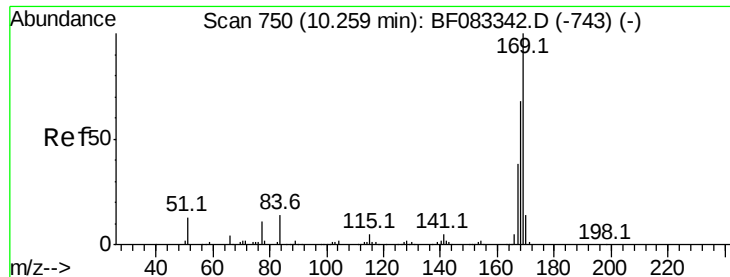
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.77 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	182074		
51	71.9		38.3	78.3
105	58.9		29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 38.85 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

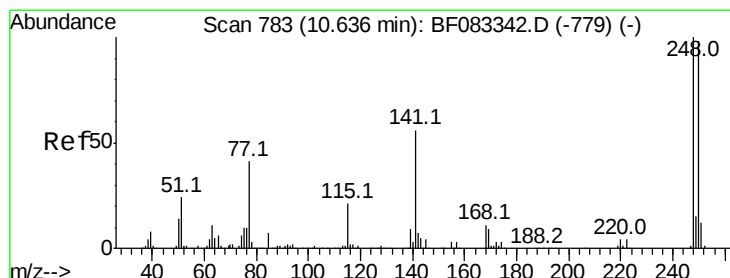
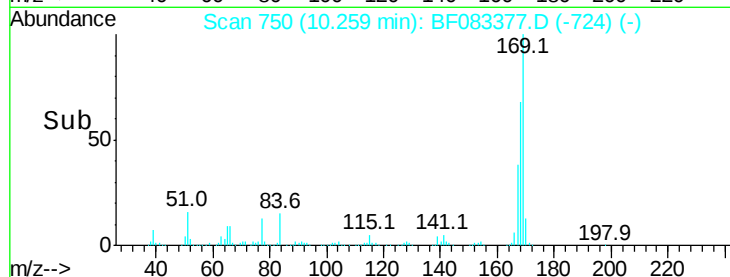
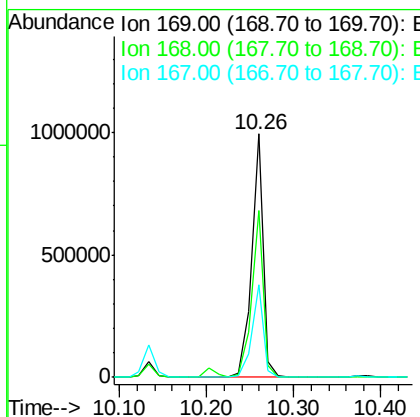
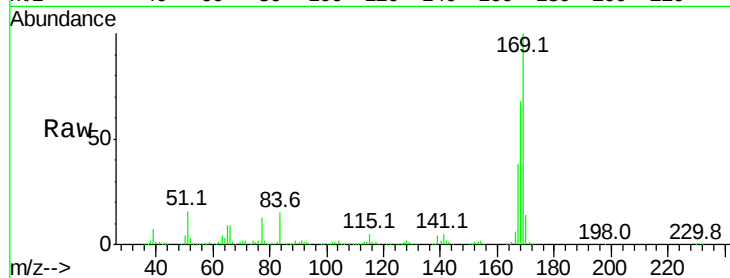
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	930861
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.8	82.2
167	38.1	30.2	45.2

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#66

4-Bromophenyl-phenylether

Concen: 39.91 ng

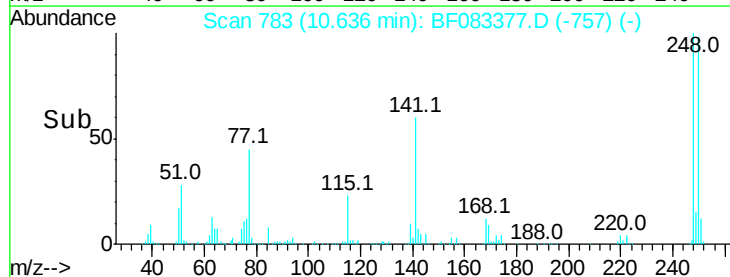
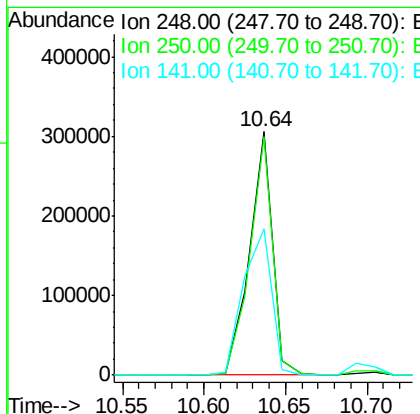
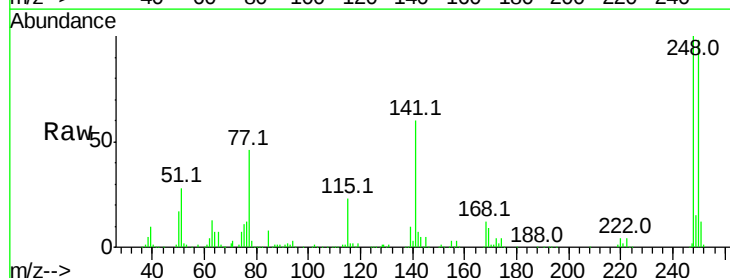
RT: 10.64 min Scan# 783

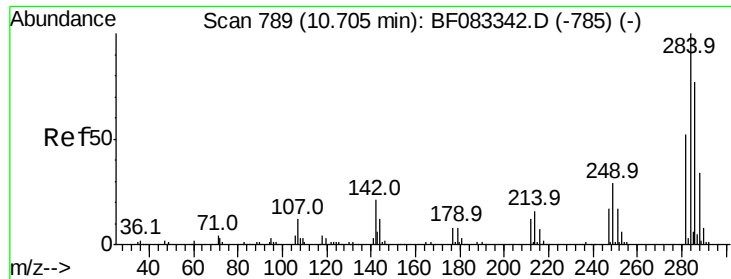
Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Tgt Ion:	248	Resp:	297633
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.6	118.0
141	60.0	44.4	66.6





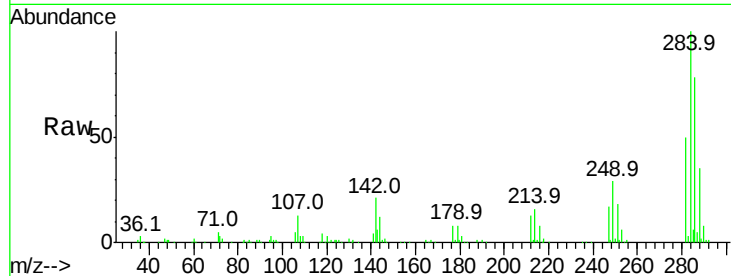
#67
Hexachlorobenzene
Concen: 39.06 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

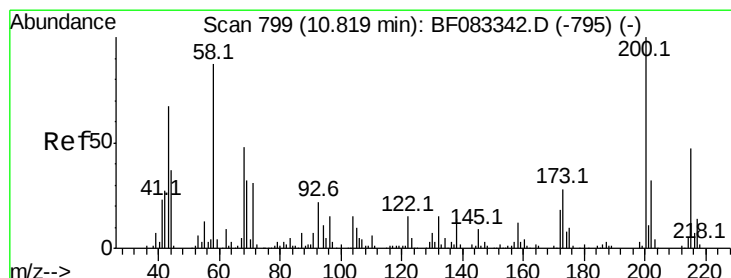
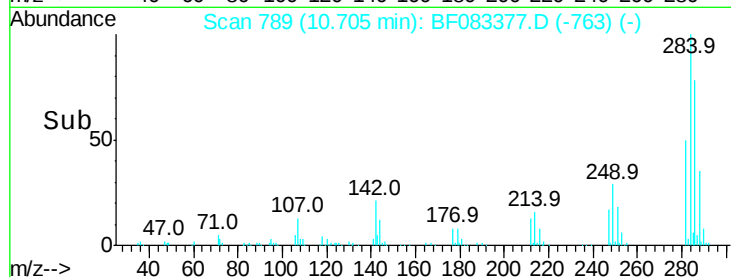
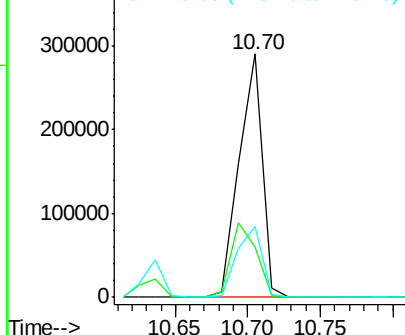
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	20.8	16.6	24.8	
249	29.1	23.0	34.4	

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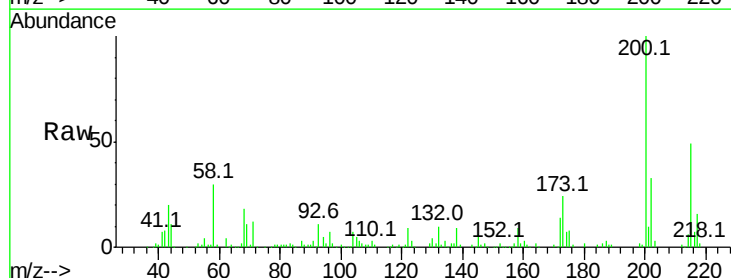


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

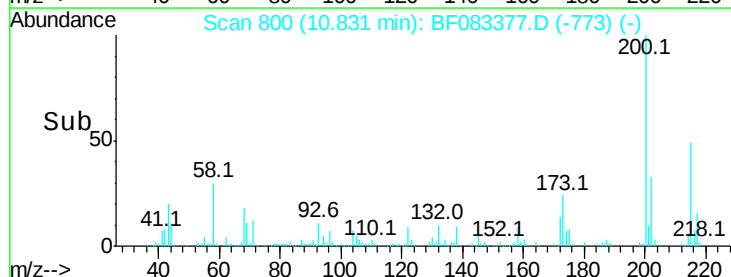
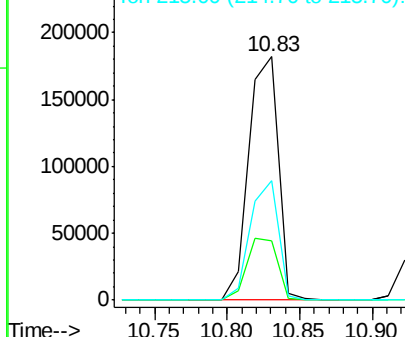


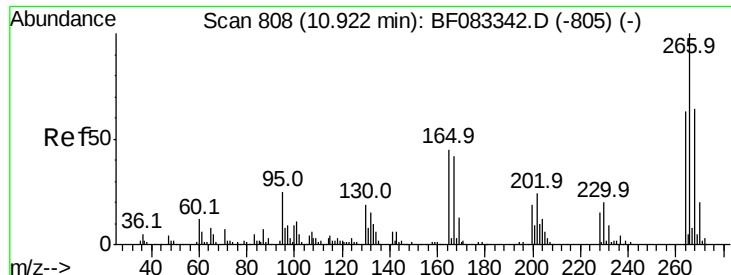
#68
Atrazine
Concen: 38.92 ng
RT: 10.83 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	8.3	48.3	
215	49.2	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





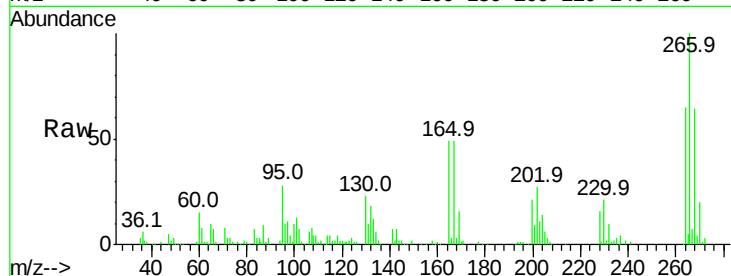
#69
 Pentachlorophenol
 Concen: 39.54 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

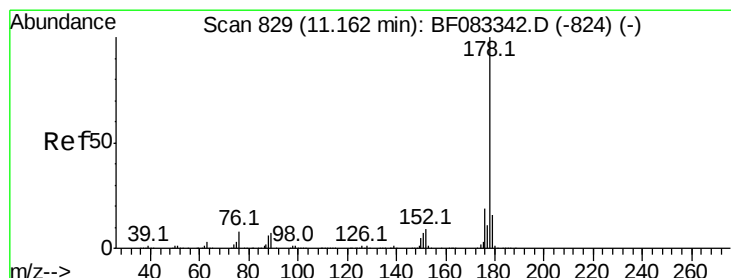
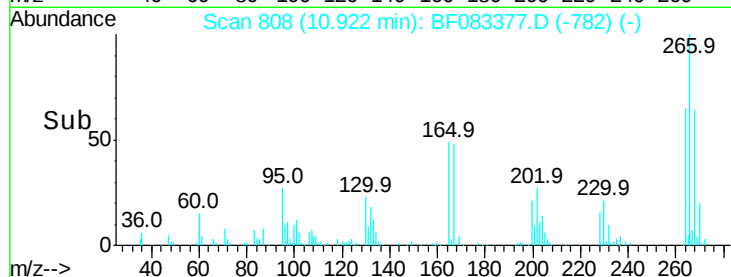
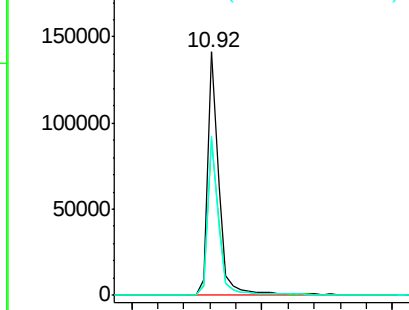
Tot Ion	Ratio	Resp	Lower	Upper
266	100	170808		
268	63.5		51.5	77.3
264	65.4		50.4	75.6

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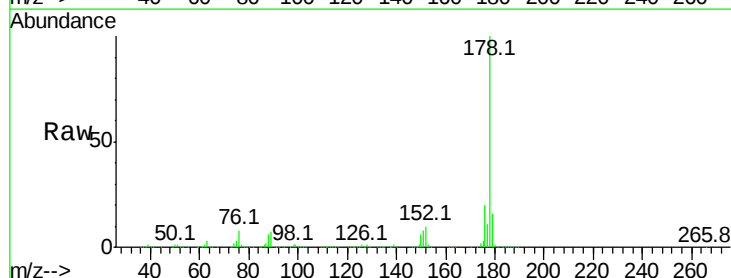


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

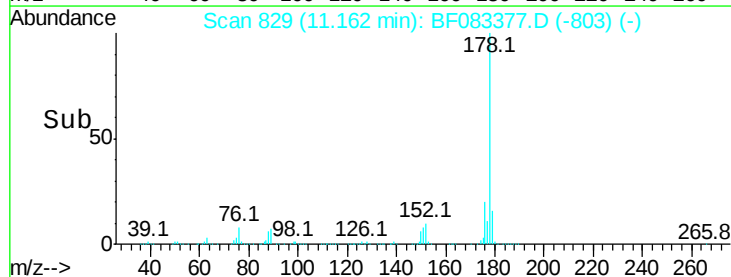
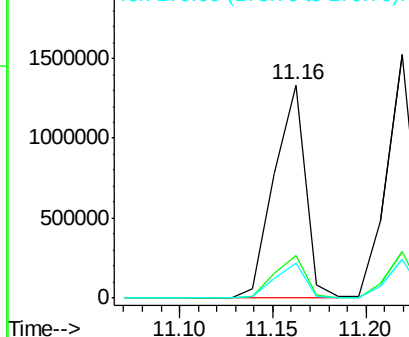


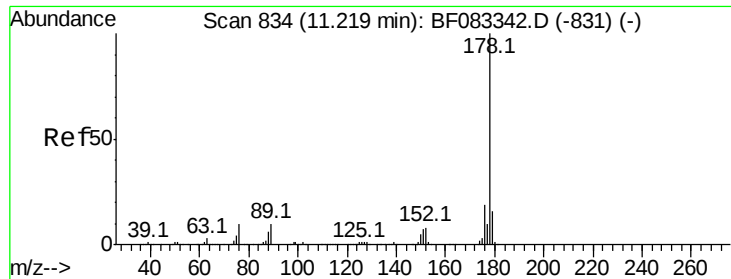
#70
 Phenanthrene
 Concen: 38.40 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1549234		
176	19.8		15.3	22.9
179	16.2		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: 38.49 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

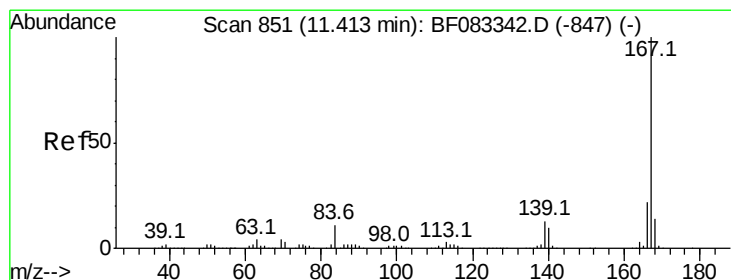
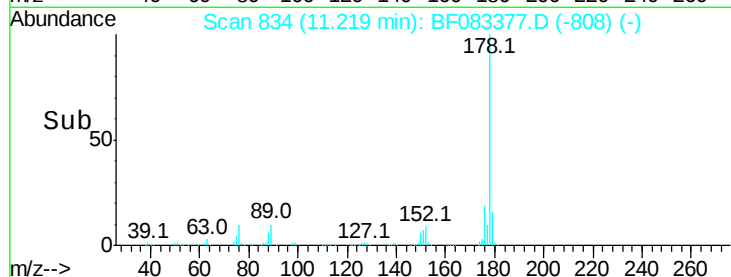
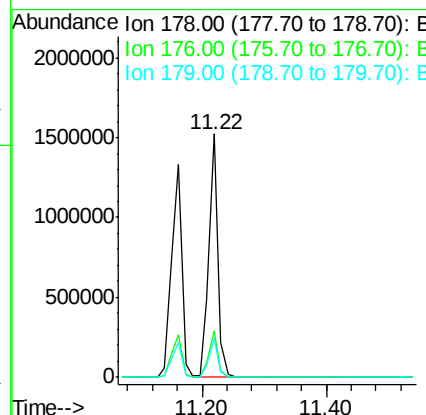
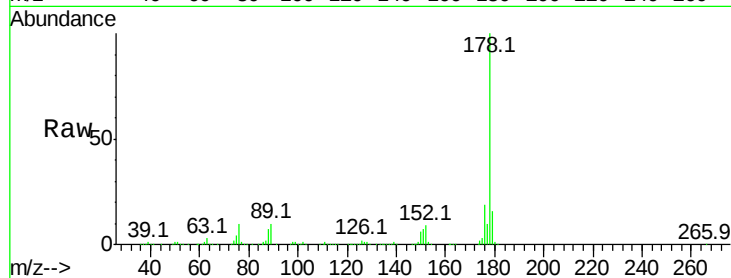
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1563244

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.1	12.8	19.2

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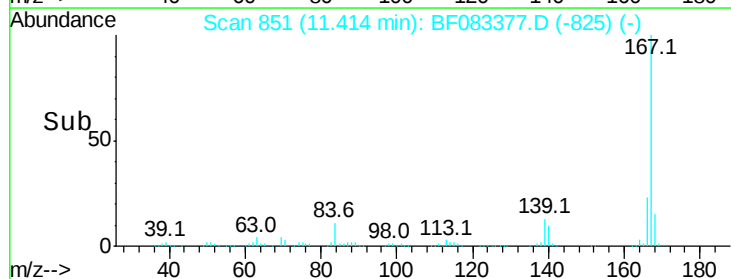
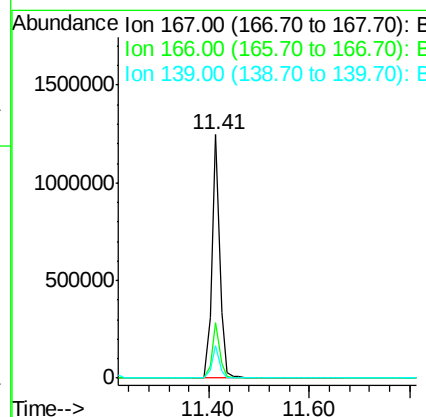
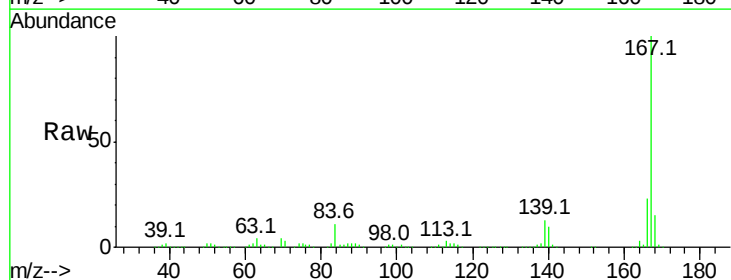
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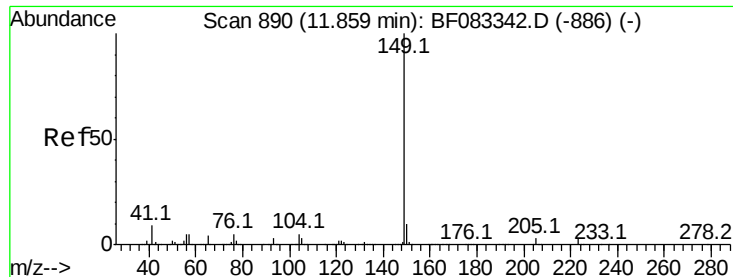


#72
 Carbazole
 Concen: 36.91 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion:167 Resp: 1347031

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.4	26.0
139	13.1	10.5	15.7





#73

Di-n-butylphthalate

Concen: 40.11 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1734530

Ion Ratio Lower Upper

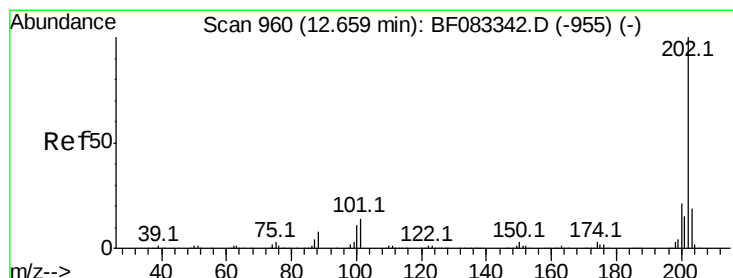
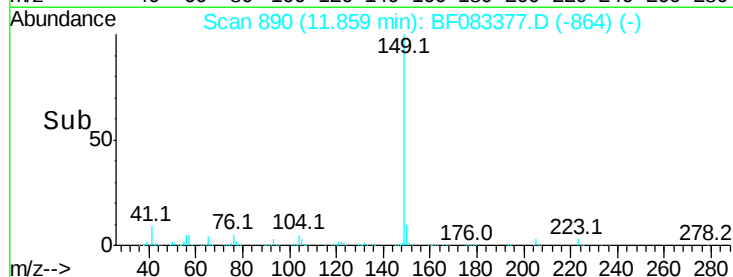
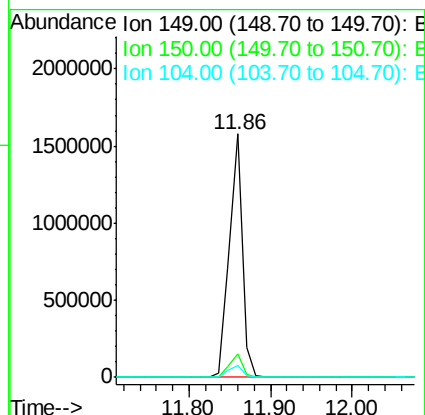
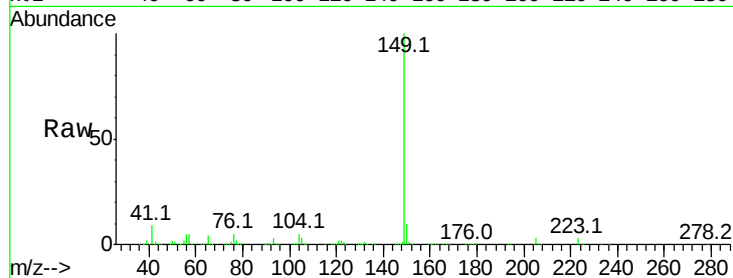
149 100

150 9.7 7.7 11.5

104 5.2 4.0 6.0

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#74

Fluoranthene

Concen: 38.03 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

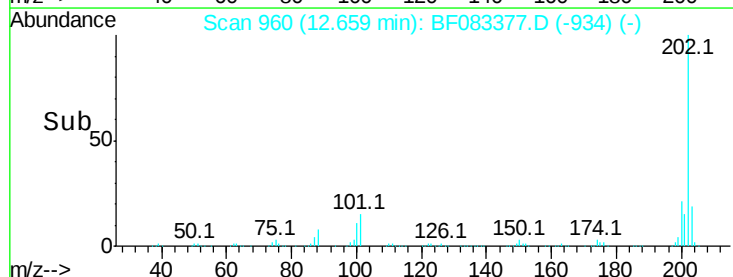
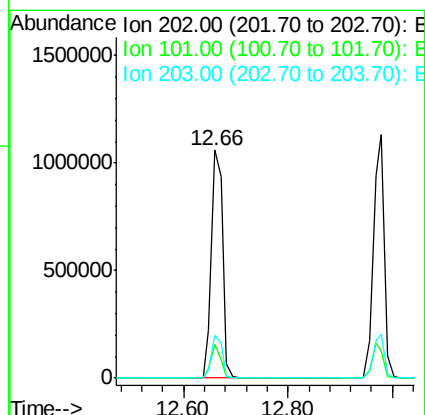
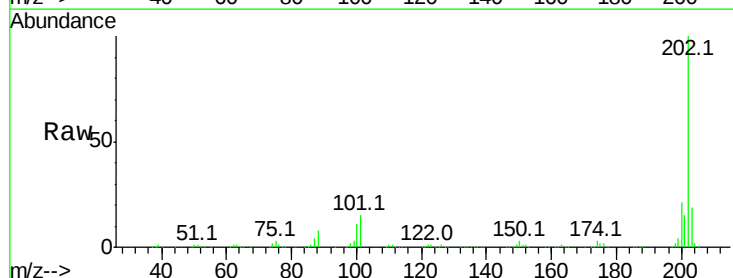
Tgt Ion:202 Resp: 1590602

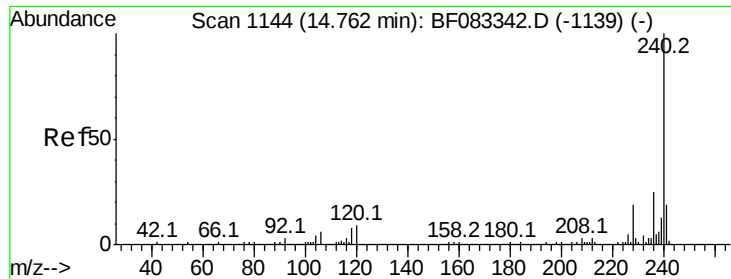
Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.5

203 19.0 0.0 38.7





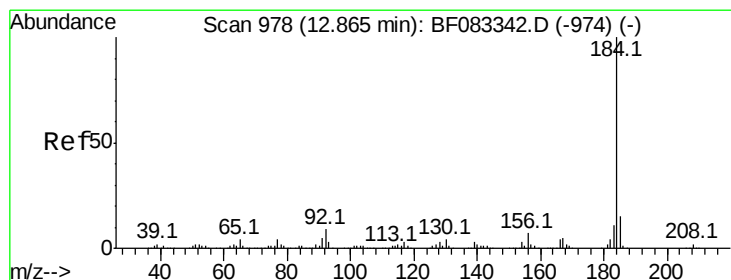
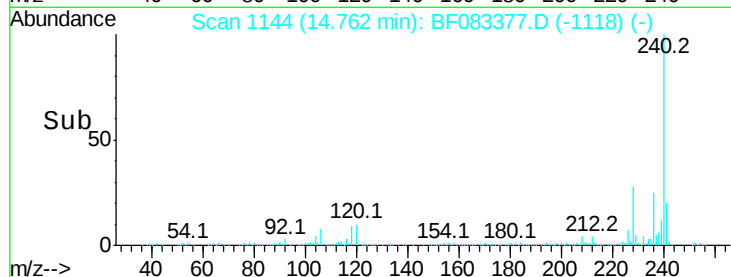
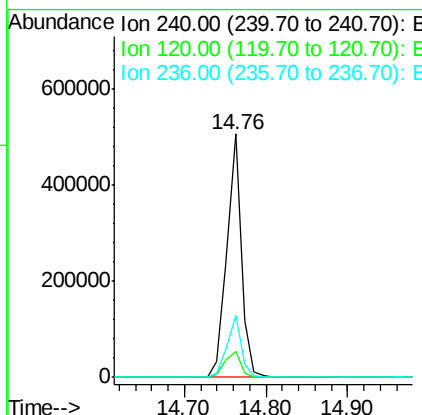
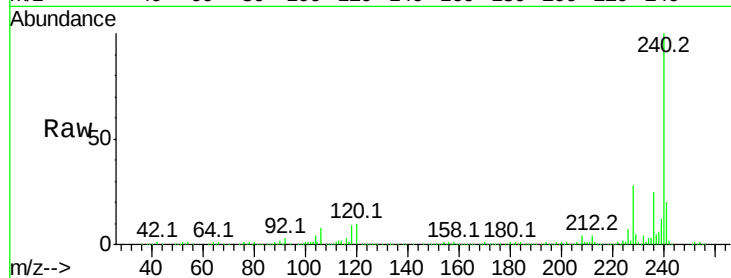
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.9	10.3#
236	25.3	19.8	29.6

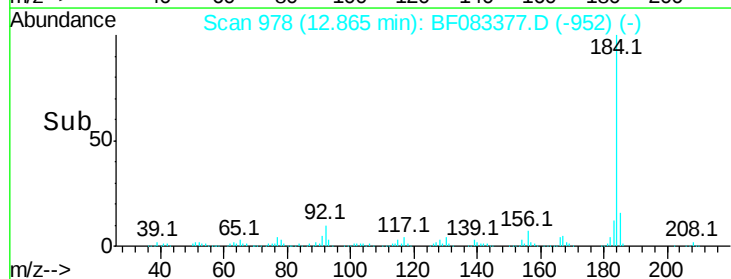
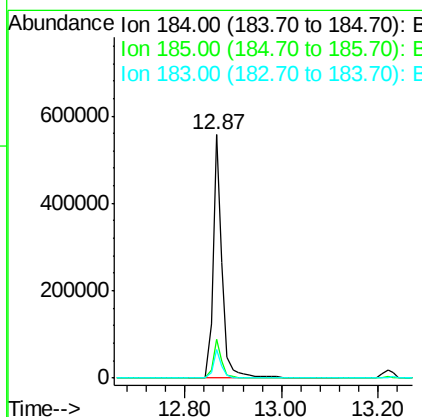
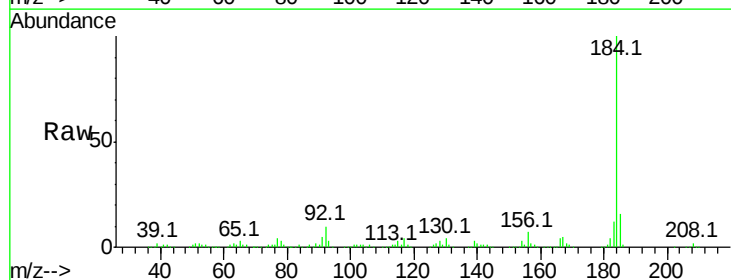
Manual Integrations
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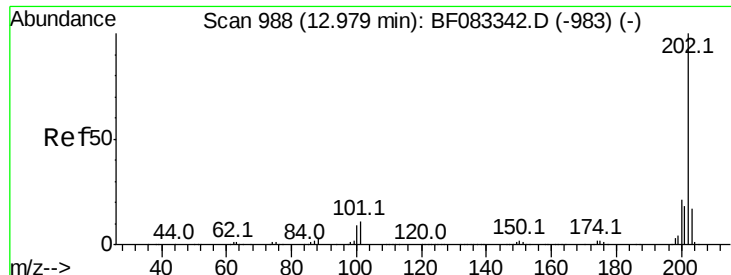
Mmdadoda
 12/2/2015 6:12:43 PM



#76
 Benzidine
 Concen: 39.24 ng
 RT: 12.87 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.4	18.6
183	11.8	9.0	13.4





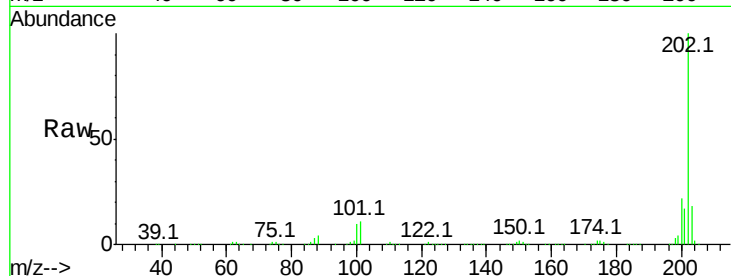
#77
Pvrene
Concen: 37.38 ng
RT: 12.98 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.0	13.9	20.9

Manual Integrations
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Mmdadoda
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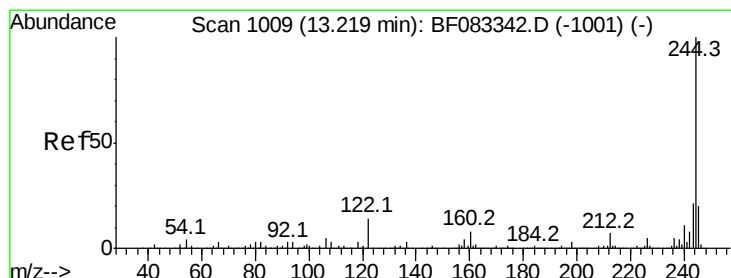
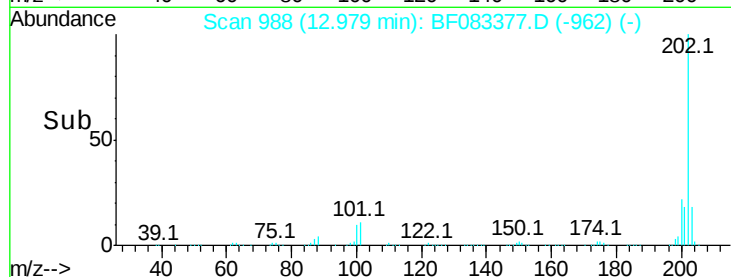
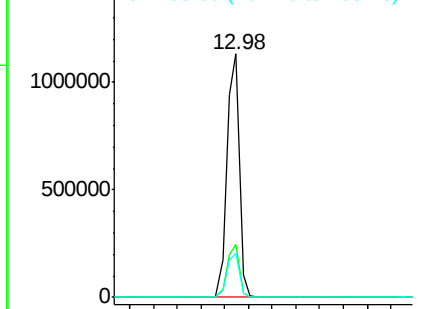


Abundance

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: 74.01 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

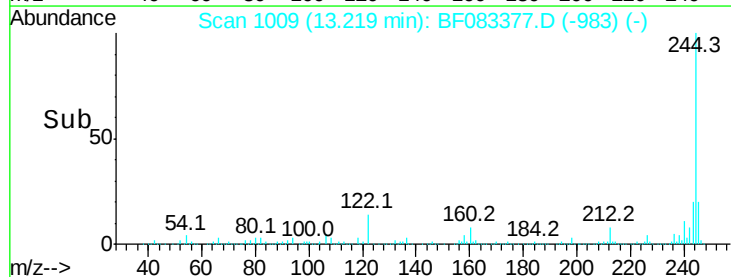
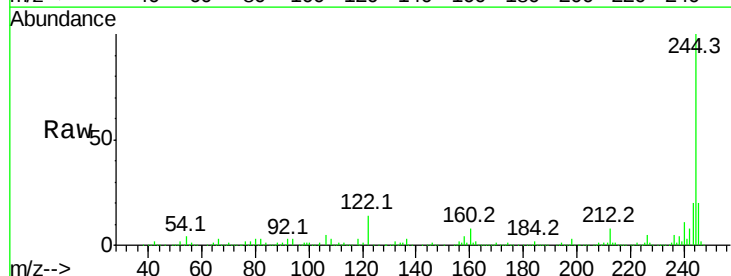
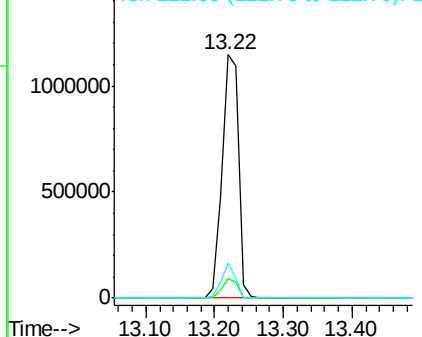
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	14.1	11.0	16.4

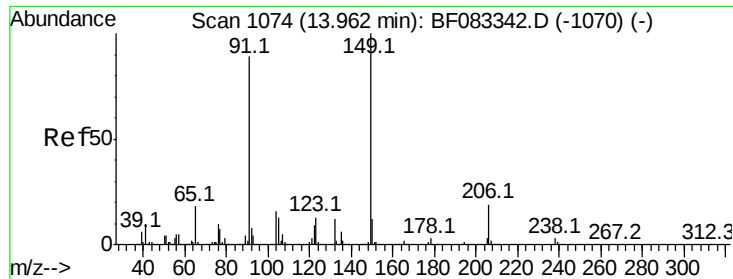
Abundance

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





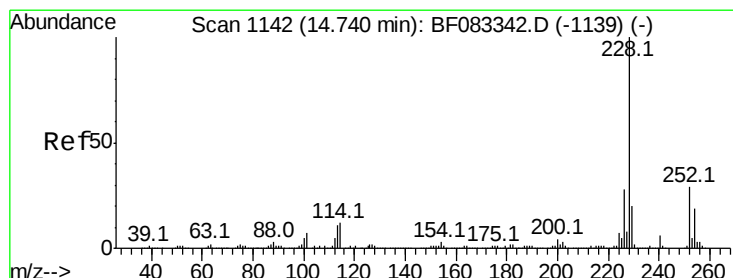
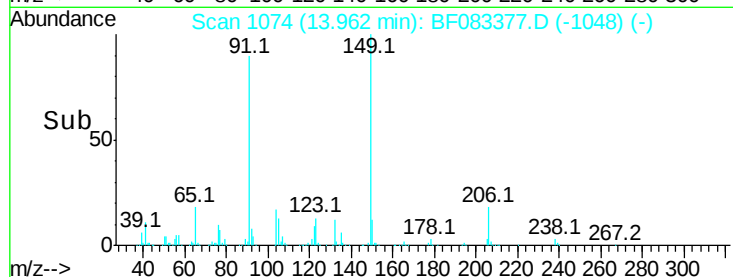
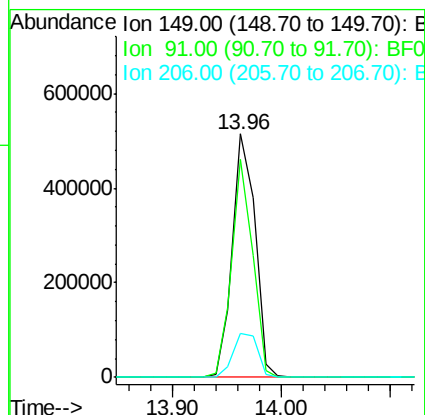
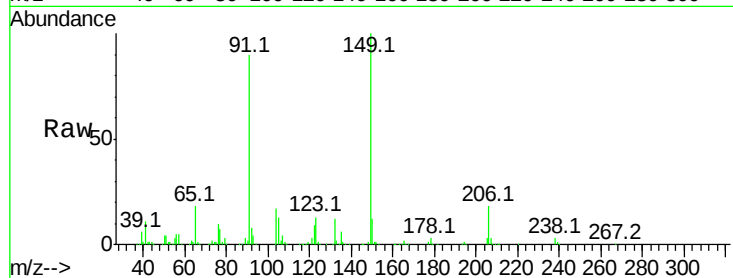
#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 13.96 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	736195		
91	89.8	71.4	107.2	
206	18.3	15.1	22.7	

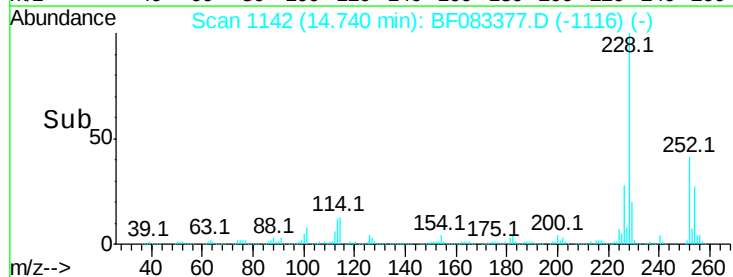
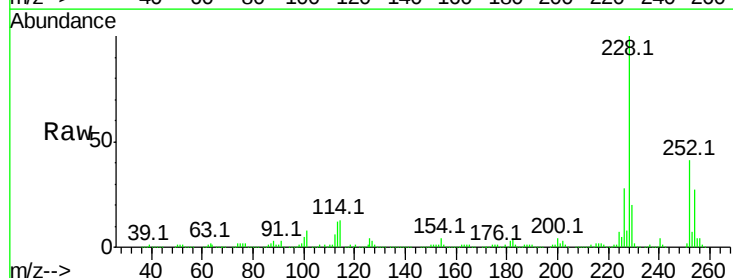
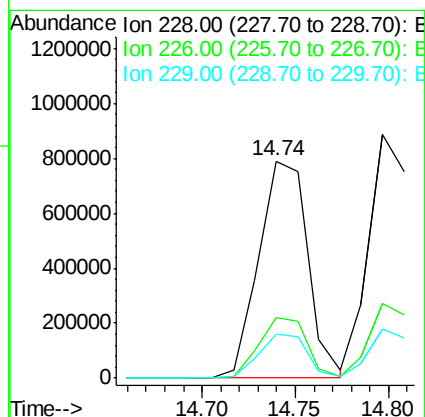
Manual Integrations
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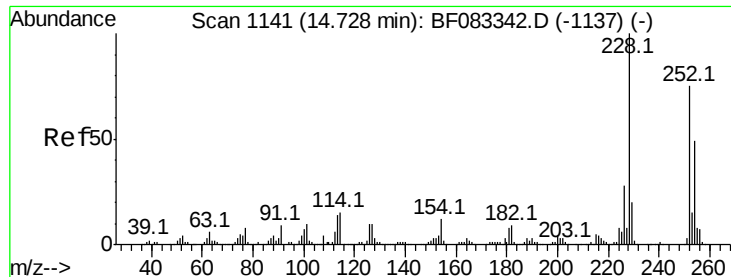
Mmdadoda
12/2/2015 6:12:43 PM



#80
Benzo(a)anthracene
Concen: 37.39 ng
RT: 14.74 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1436988		
226	27.9	22.2	33.4	
229	20.1	16.1	24.1	





#81

3,3'-Dichlorobenzidine

Concen: 40.03 ng

RT: 14.74 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

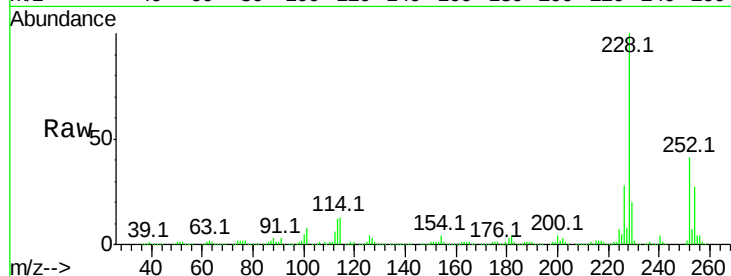
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	480559		
254	66.1	52.0	78.0	
126	9.1	10.7	16.1	

Manual Integrations
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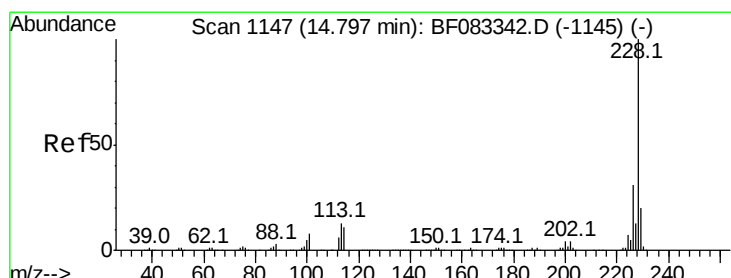
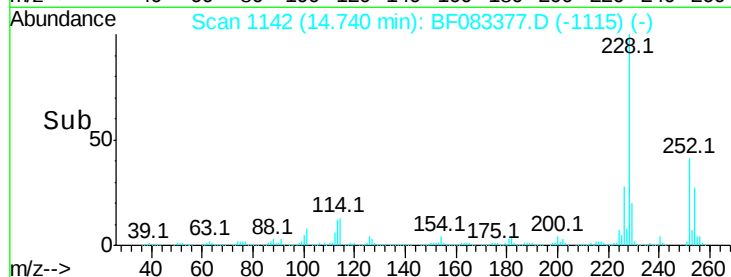
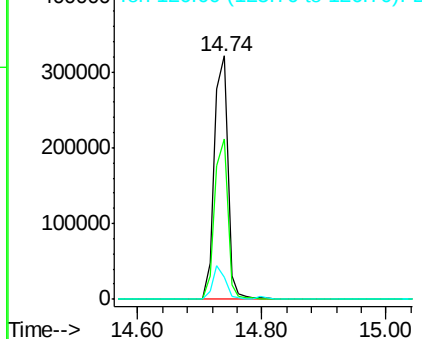
Mmdadoda
12/2/2015 6:12:43 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.03 ng

RT: 14.80 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF083377.D

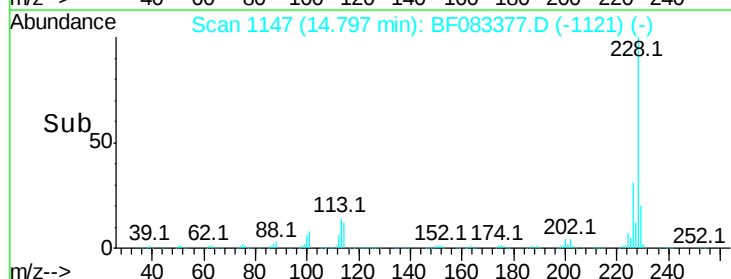
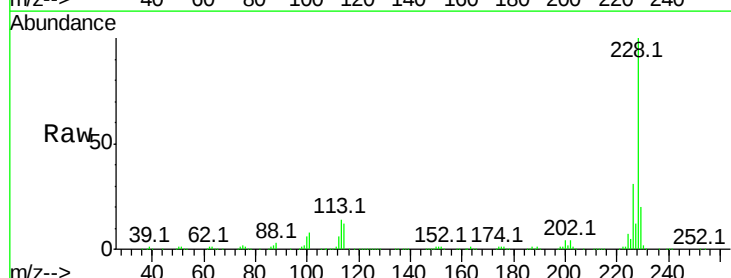
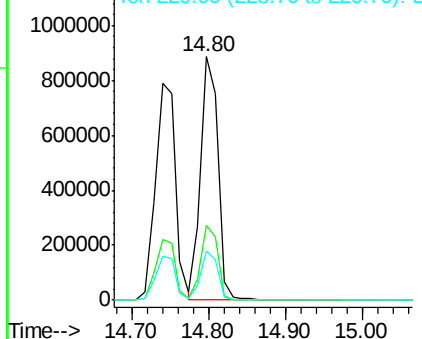
Acq: 1 Dec 2015 17:25

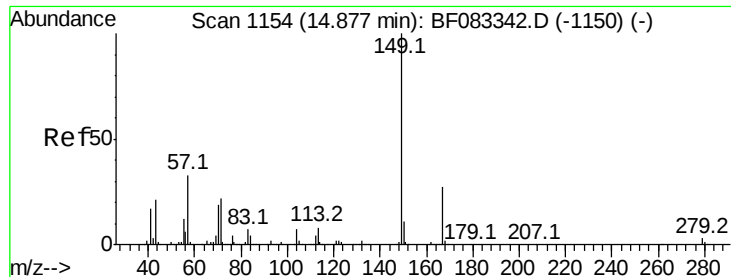
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1375212		
226	30.6	24.6	37.0	
229	20.2	16.2	24.2	

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.21 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1052435

Ion Ratio Lower Upper

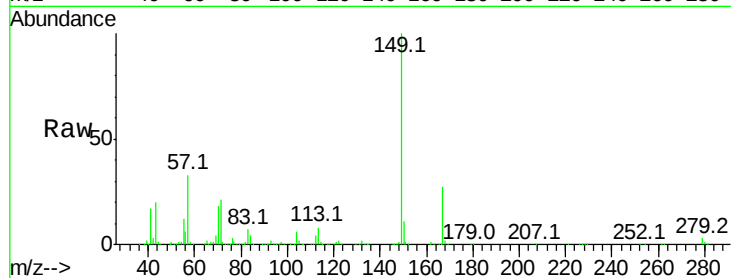
149 100

167 27.0 21.5 32.3

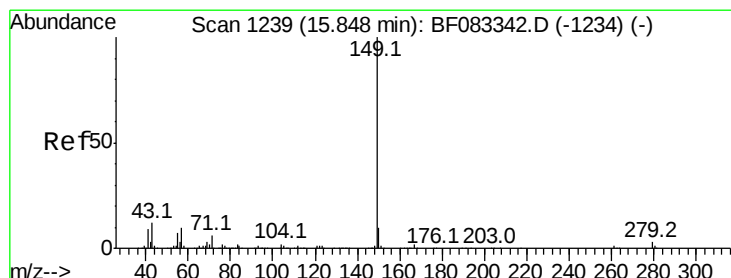
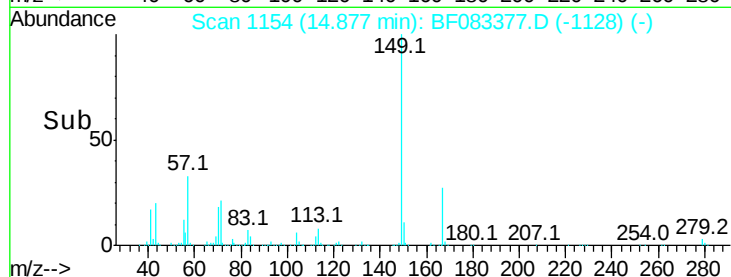
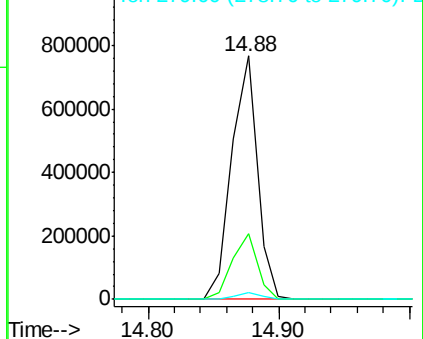
279 3.0 2.6 3.8

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



#84

Di-n-octyl phthalate

Concen: 45.92 ng

RT: 15.85 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

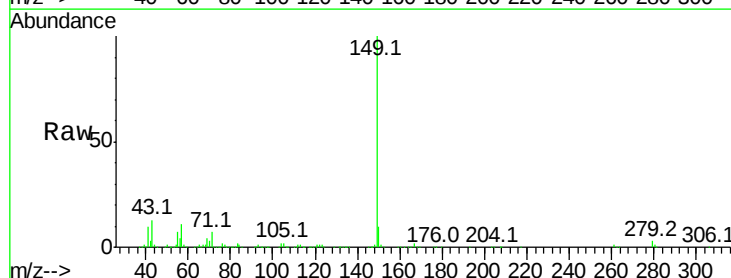
Tgt Ion:149 Resp: 1704703

Ion Ratio Lower Upper

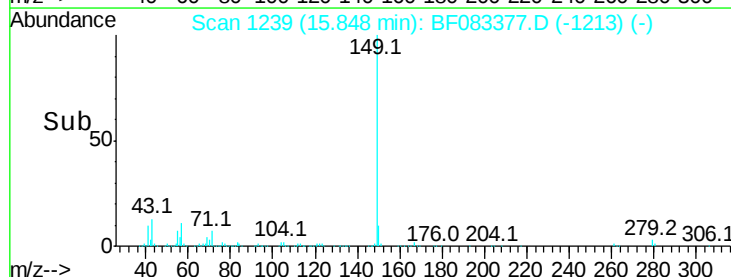
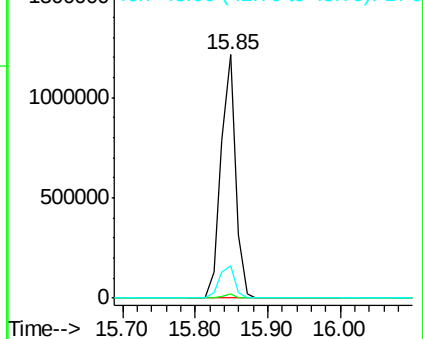
149 100

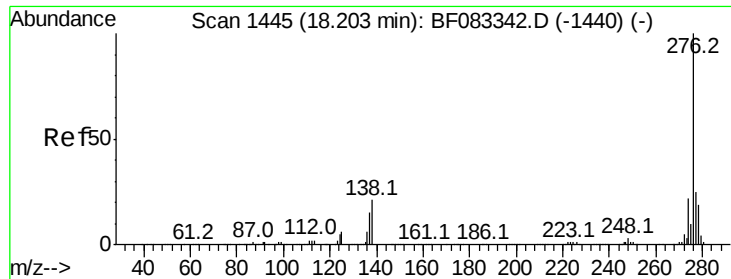
167 1.5 1.2 1.8

43 14.5 11.0 16.6



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





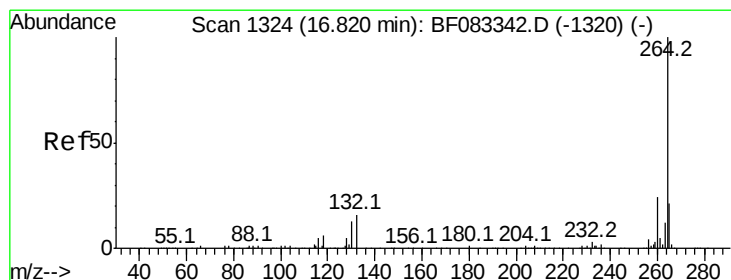
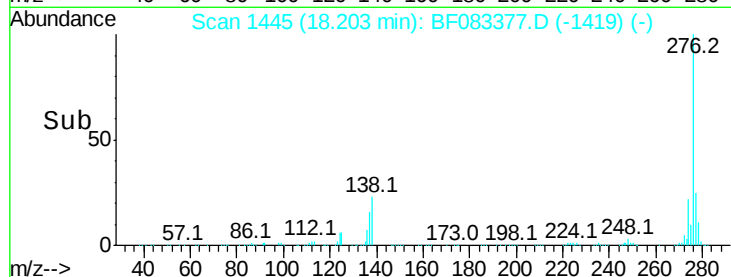
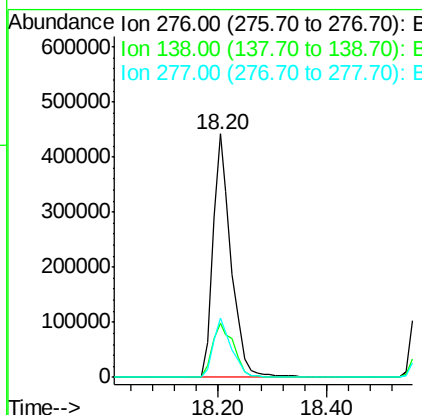
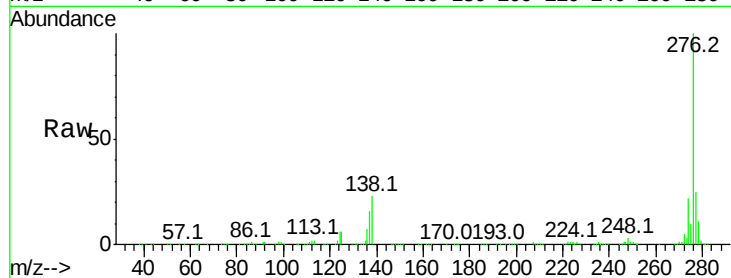
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.43 ng
RT: 18.20 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1039447
Ion Ratio Lower Upper
276 100
138 26.6 21.2 31.8
277 24.9 20.0 30.0

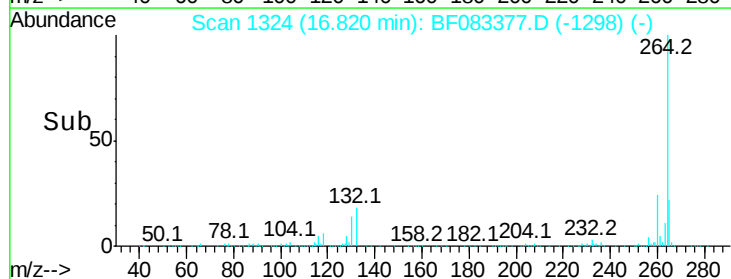
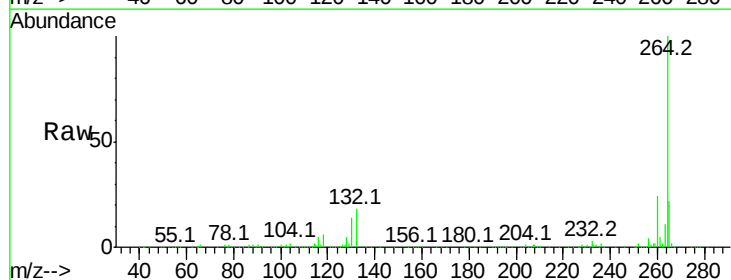
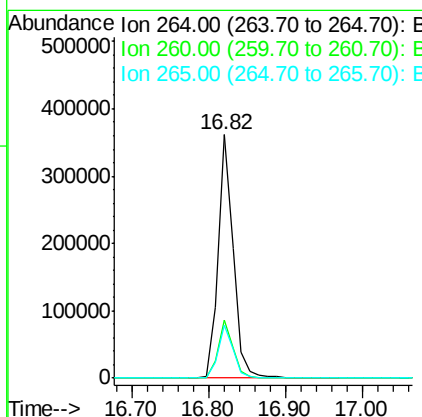
Manual Integrations
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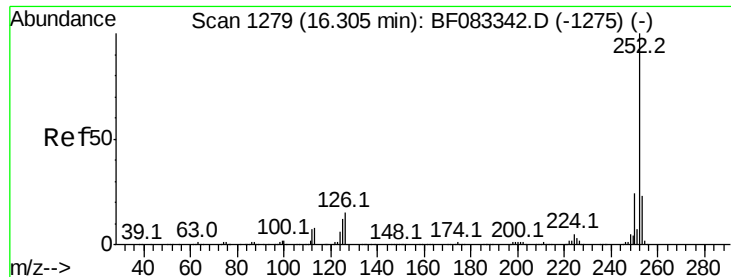
Mmdadoda
12/2/2015 6:12:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF083377.D
Acq: 1 Dec 2015 17:25

Tgt Ion:264 Resp: 498004
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.5 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 36.81 ng m

RT: 16.32 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1176325

Ion Ratio Lower Upper

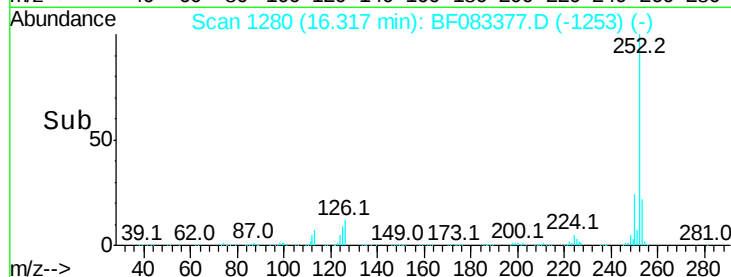
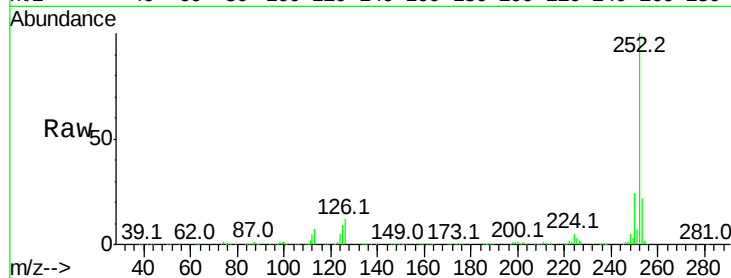
252 100

253 21.9 18.4 27.6

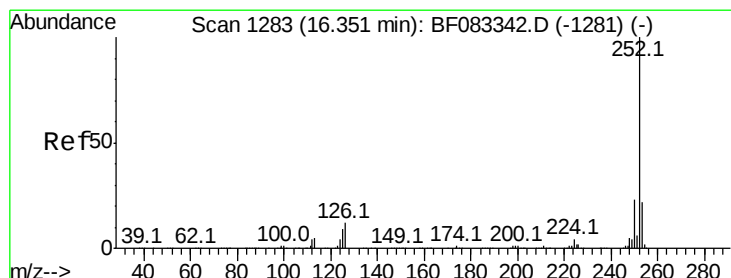
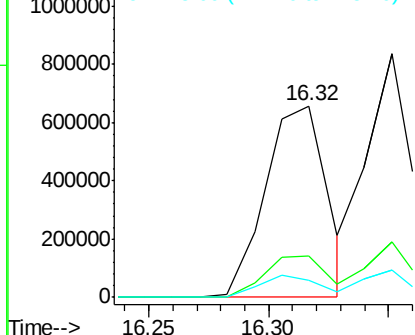
125 8.6 9.6 14.4#

Manual Integrations
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12/2/2015 6:12:43 PM



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



#88

Benzo(k)fluoranthene

Concen: 38.41 ng

RT: 16.35 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

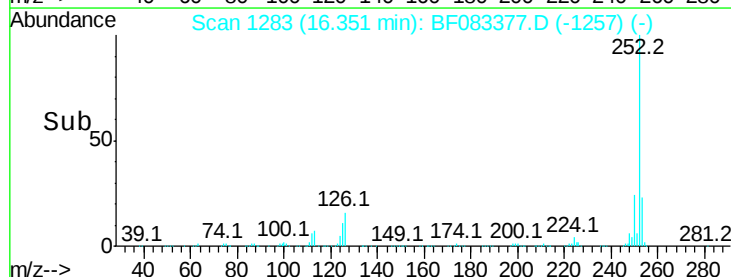
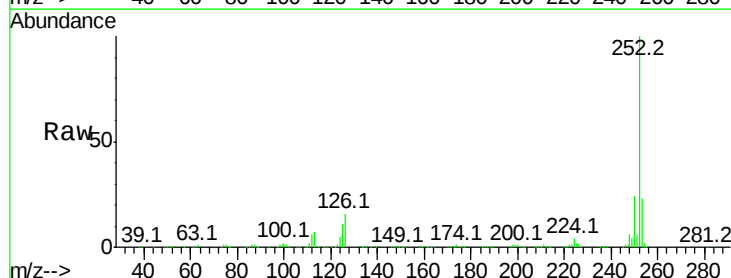
Tgt Ion:252 Resp: 1158879

Ion Ratio Lower Upper

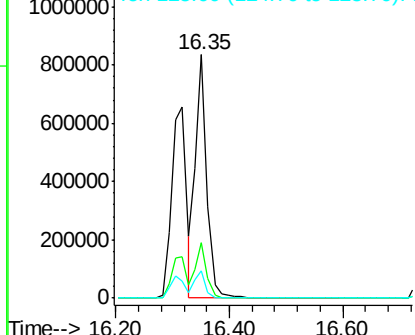
252 100

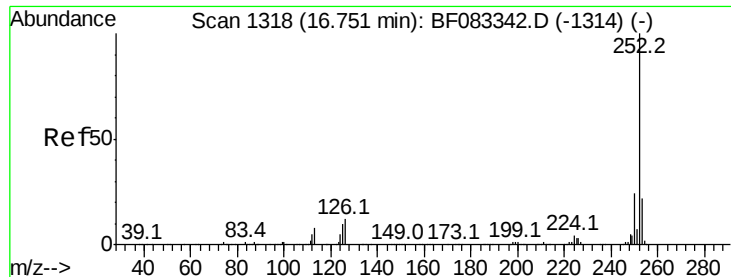
253 22.7 17.4 26.0

125 11.0 7.5 11.3



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





#89

Benzo(a)pyrene

Concen: 38.56 ng

RT: 16.75 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1058222

Ion Ratio Lower Upper

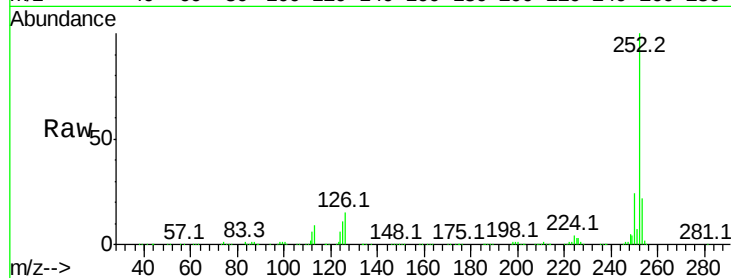
252 100

253 21.9 17.5 26.3

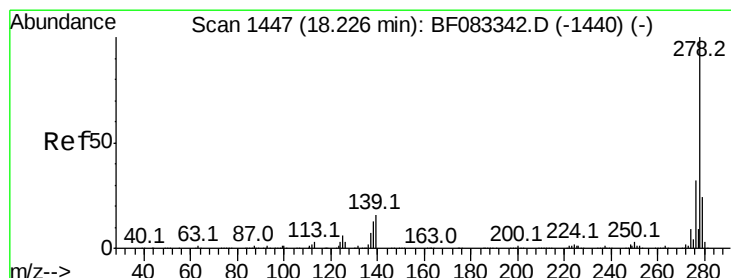
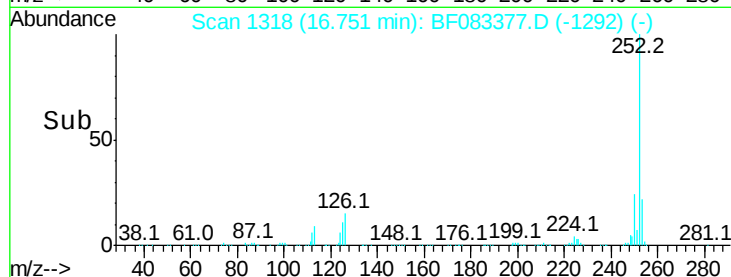
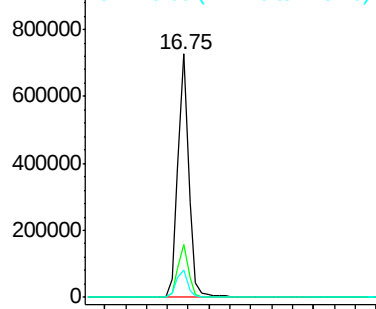
125 11.4 7.8 11.8

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



#90

Dibenzo(a,h)anthracene

Concen: 36.57 ng

RT: 18.23 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF083377.D

Acq: 1 Dec 2015 17:25

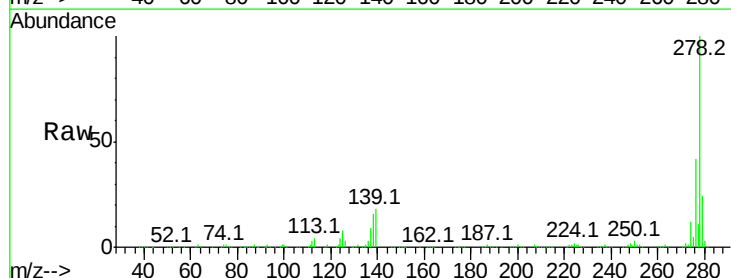
Tgt Ion:278 Resp: 874609

Ion Ratio Lower Upper

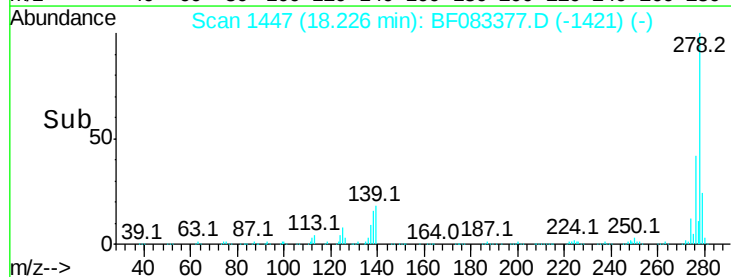
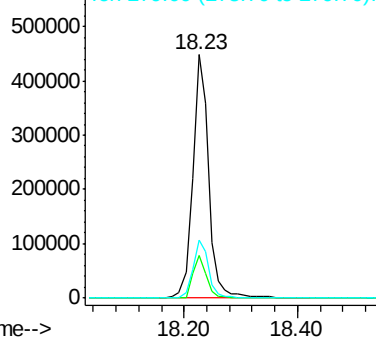
278 100

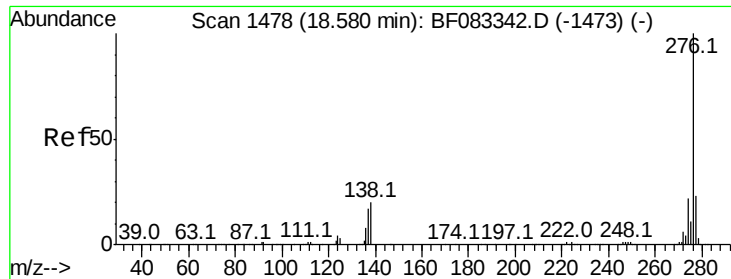
139 17.7 13.1 19.7

279 24.0 19.2 28.8



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





#91
 Benzo(a,h,i)perylene
 Concen: 34.95 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF083377.D
 Acq: 1 Dec 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	22.1	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:43 PM

