

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083346.D
 Acq On : 30 Nov 2015 21:08
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:34:57 PM

Quant Time: Dec 01 01:25:33 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	156594	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	597994	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	312593	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	593266	20.00	ng	0.00
75) Chrysene-d12	14.76	240	563562	20.00	ng	0.00
86) Perylene-d12	16.82	264	420613	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	814929	78.09	ng	0.00
7) Phenol-d6	6.21	99	1073585	75.16	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1080167	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	232416	74.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1651317	75.28	ng	0.00
78) Terphenyl-d14	13.22	244	1673771	70.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	205981	36.45	ng	98
3) Pyridine	2.57	79	514959	36.43	ng	98
4) n-Nitrosodimethylamine	2.52	42	294355	42.31	ng	96
6) Aniline	6.21	93	744115	38.08	ng	99
8) 2-Chlorophenol	6.34	128	454563	39.49	ng	98
9) Benzaldehyde	6.09	77	277242	40.44	ng	99
10) Phenol	6.24	94	627560	36.51	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	473321	37.86	ng	97
12) 1,3-Dichlorobenzene	6.49	146	502627	39.28	ng	99
13) 1,4-Dichlorobenzene	6.57	146	510525	38.60	ng	99
14) 1,2-Dichlorobenzene	6.72	146	448336m	36.95	ng	
15) Benzyl Alcohol	6.72	79	448673	40.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.85	45	837665	38.18	ng	98
17) 2-Methylphenol	6.84	107	386107	40.24	ng	97
18) Hexachloroethane	7.06	117	177452	38.63	ng	98
19) n-Nitroso-di-n-propylamine	6.98	70	387175	37.92	ng	# 88
20) 3+4-Methylphenols	7.00	107	509640	39.21	ng	99
22) Acetophenone	6.98	105	703760	39.33	ng	# 98
24) Nitrobenzene	7.14	77	535980	36.90	ng	# 85
25) Isophorone	7.39	82	1046942	39.73	ng	99
26) 2-Nitrophenol	7.46	139	228373	38.51	ng	98
27) 2,4-Dimethylphenol	7.53	122	380187	38.25	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	584375	38.94	ng	99
29) 2,4-Dichlorophenol	7.71	162	374693	39.19	ng	99
30) 1,2,4-Trichlorobenzene	7.79	180	396122	38.07	ng	98
31) Naphthalene	7.86	128	1241002	38.25	ng	99
32) Benzoic acid	7.68	122	292689	42.69	ng	96
33) 4-Chloroaniline	7.93	127	552797	39.52	ng	98
34) Hexachlorobutadiene	7.98	225	221593	37.50	ng	100
35) Caprolactam	8.30	113	114575	37.93	ng	99
36) 4-Chloro-3-methylphenol	8.42	107	400012	37.30	ng	# 79
37) 2-Methylnaphthalene	8.56	142	818513	37.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	359360	36.27	ng	97
40) Hexachlorocyclopentadiene	8.70	237	179221	38.07	ng	100

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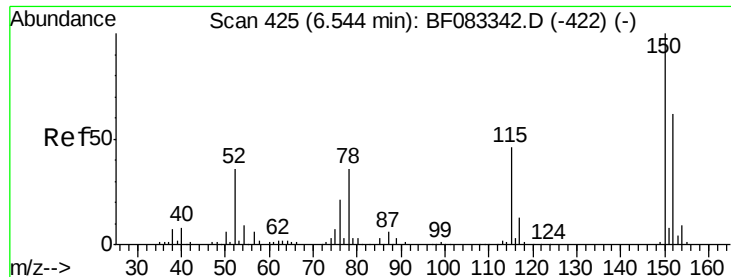
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	276805	39.82	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	287115	39.87	ng	98
45) 1,1'-Biphenyl	9.01	154	978520	35.70	ng	94
46) 2-Chloronaphthalene	9.04	162	795079	38.06	ng	99
47) 2-Nitroaniline	9.15	65	320685	38.76	ng	95
48) Acenaphthylene	9.45	152	1235378	37.08	ng	99
49) Dimethylphthalate	9.33	163	910647	35.85	ng	99
50) 2,6-Dinitrotoluene	9.39	165	223106	41.13	ng	93
51) Acenaphthene	9.62	154	729454	37.22	ng	99
52) 3-Nitroaniline	9.56	138	267521	42.07	ng	92
53) 2,4-Dinitrophenol	9.66	184	121062	40.92	ng	90
54) Dibenzofuran	9.79	168	1010488	35.18	ng	99
55) 4-Nitrophenol	9.74	139	161124	40.51	ng	90
56) 2,4-Dinitrotoluene	9.79	165	264340	38.40	ng	96
57) Fluorene	10.13	166	888858	39.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	216569	37.27	ng	95
59) Diethylphthalate	10.03	149	938949	38.78	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	404532	38.82	ng	99
61) 4-Nitroaniline	10.18	138	256393	40.30	ng	90
62) Azobenzene	10.29	77	1157917	39.58	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	170613	42.83	ng	84
65) n-Nitrosodiphenylamine	10.26	169	816363	39.16	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	250876	38.66	ng	98
67) Hexachlorobenzene	10.70	284	269312	37.53	ng	# 94
68) Atrazine	10.82	200	210063	36.43	ng	98
69) Pentachlorophenol	10.92	266	159872	42.53	ng	97
70) Phenanthrene	11.16	178	1328034	37.83	ng	99
71) Anthracene	11.22	178	1378489	39.00	ng	100
72) Carbazole	11.41	167	1260340	39.69	ng	100
73) Di-n-butylphthalate	11.86	149	1450396	38.54	ng	100
74) Fluoranthene	12.66	202	1377693	37.86	ng	99
76) Benzidine	12.86	184	636393	37.91	ng	97
77) Pyrene	12.97	202	1434606	36.45	ng	99
79) Butylbenzylphthalate	13.96	149	618193	37.03	ng	96
80) Benzo(a)anthracene	14.74	228	1296838	37.56	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	412225	38.22	ng	98
82) Chrysene	14.80	228	1187983	35.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	839541	37.48	ng	100
84) Di-n-octyl phthalate	15.85	149	1334763	40.02	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	881879	36.30	ng	100
87) Benzo(b)fluoranthene	16.31	252	1047595	38.82	ng	99
88) Benzo(k)fluoranthene	16.35	252	950722	37.31	ng	99
89) Benzo(a)pyrene	16.75	252	902359	38.93	ng	100
90) Dibenzo(a,h)anthracene	18.23	278	743484	36.81	ng	99
91) Benzo(g,h,i)perylene	18.58	276	713554	35.99	ng	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: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

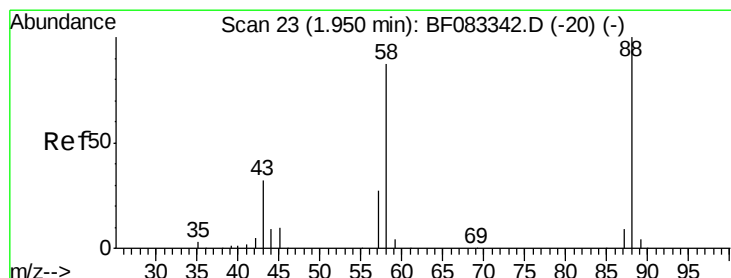
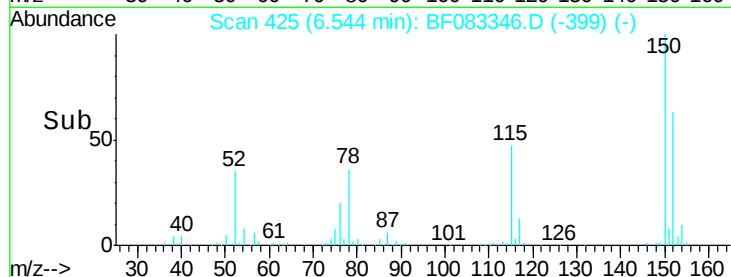
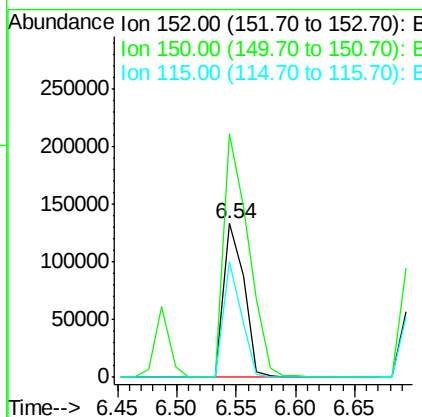
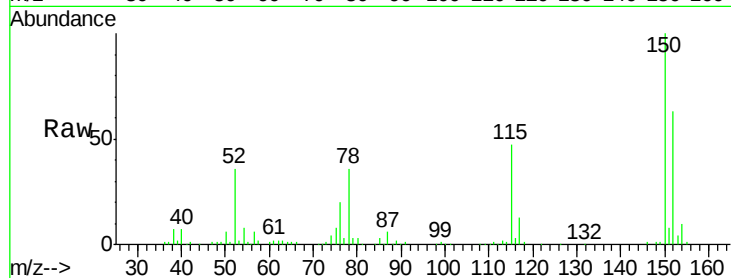
ClientSampleId :

ICVBF113015

Tgt Ion:	152	Resp:	156594
Ion Ratio	Lower	Upper	
152	100		
150	158.4	129.8	194.8
115	75.0	59.2	88.8

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#2

1,4-Dioxane

Concen: 36.45 ng

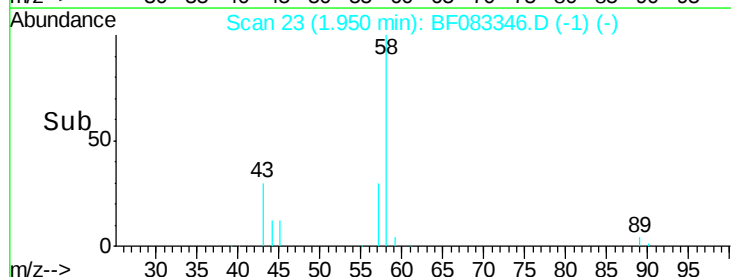
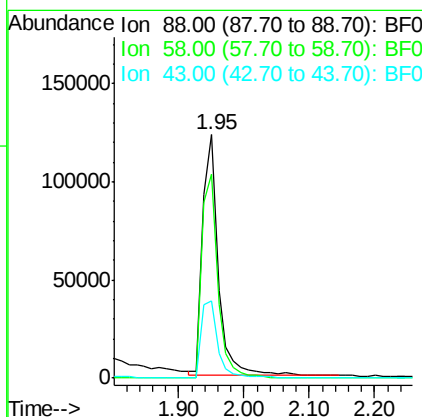
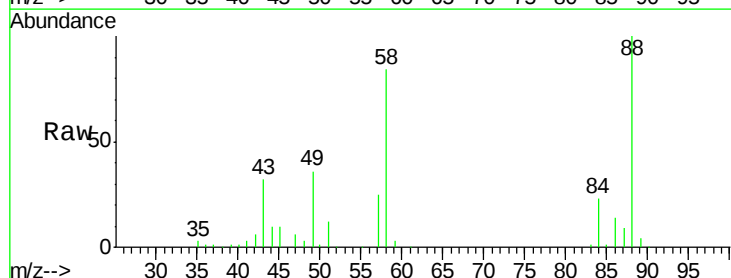
RT: 1.95 min Scan# 23

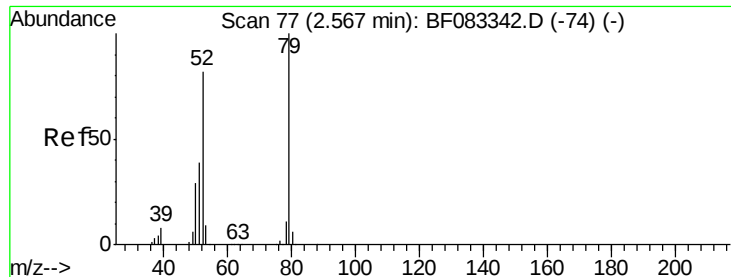
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	88	Resp:	205981
Ion Ratio	Lower	Upper	
88	100		
58	85.6	66.6	100.0
43	33.9	27.1	40.7





#3

Pyridine

Concen: 36.43 ng

RT: 2.57 min Scan# 77

Delta R.T. 0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

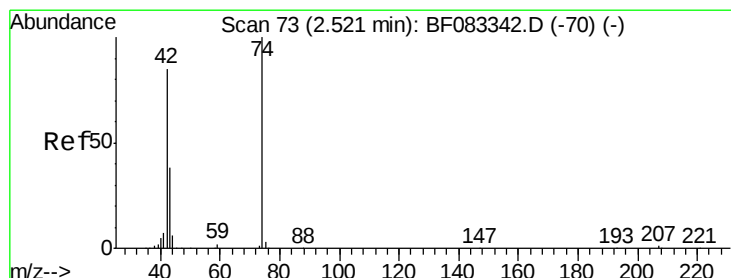
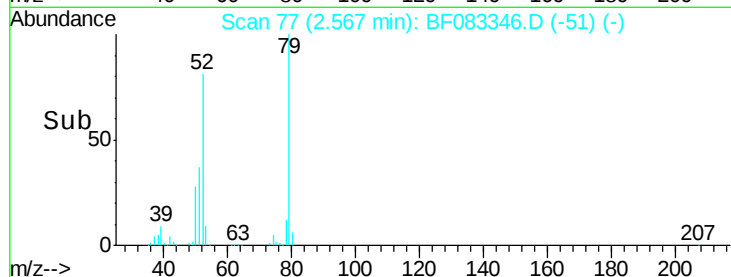
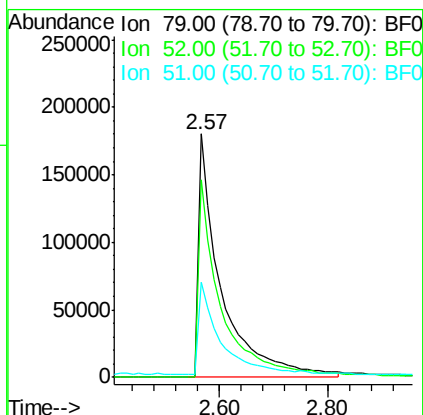
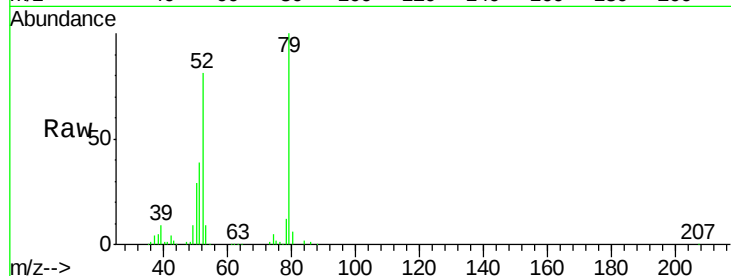
ClientSampleId :

ICVBF113015

Tgt Ion:	79	Resp:	514959
Ion	Ratio	Lower	Upper
79	100		
52	80.9	65.9	98.9
51	38.9	32.3	48.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.31 ng

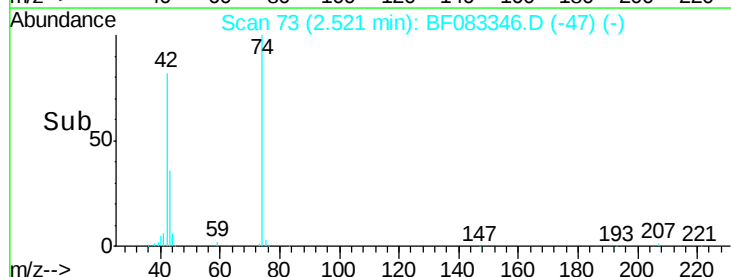
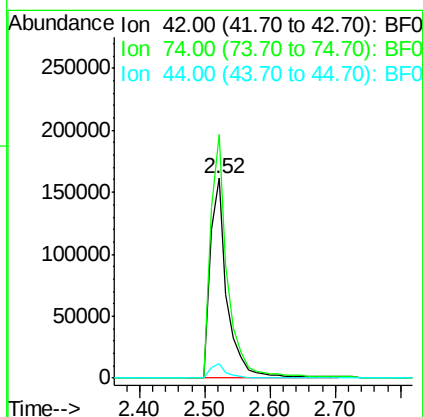
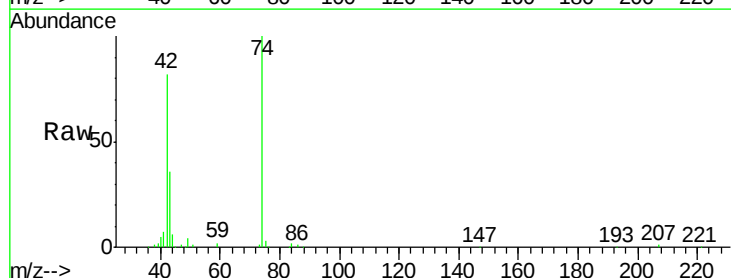
RT: 2.52 min Scan# 73

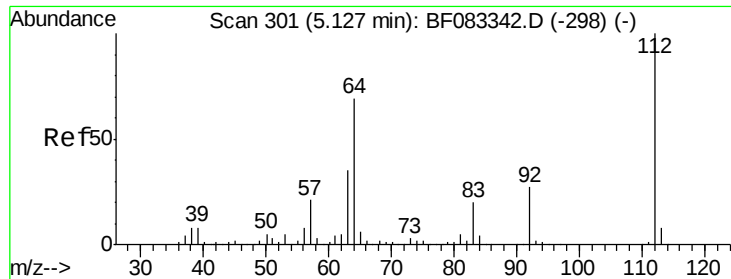
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	42	Resp:	294355
Ion	Ratio	Lower	Upper
42	100		
74	121.8	93.7	140.5
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 78.09 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083346.D

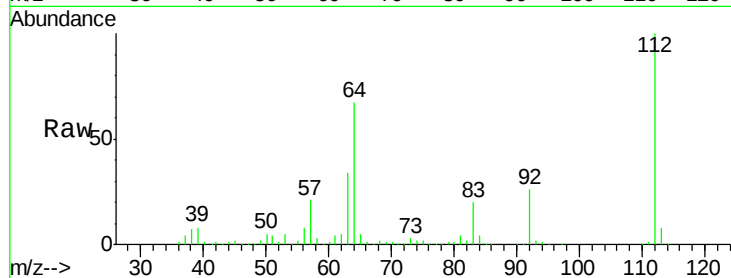
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

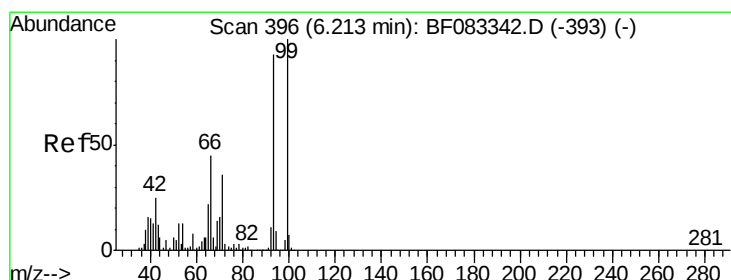
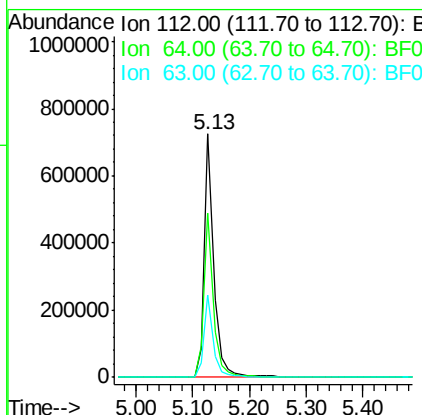
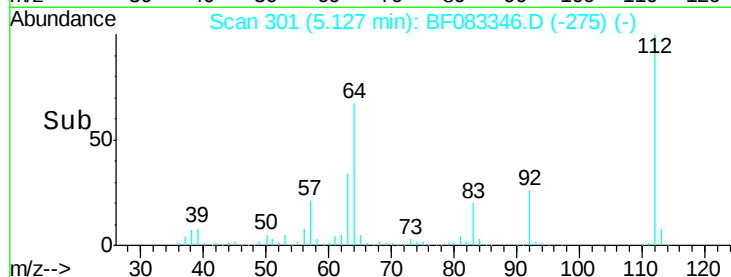
ICVBF113015



Tgt Ion:	112	Resp:	814929
Ion Ratio	Lower	Upper	
112	100		
64	67.4	55.6	83.4
63	33.9	28.2	42.2

Manual Integrations
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#6

Aniline

Concen: 38.08 ng

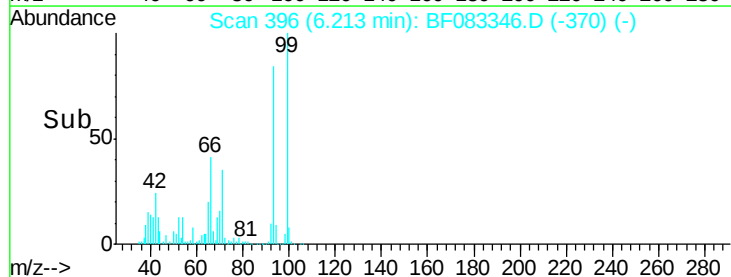
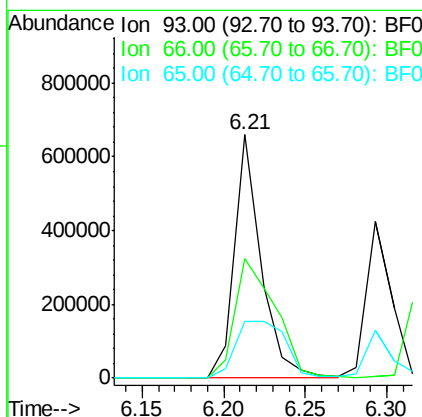
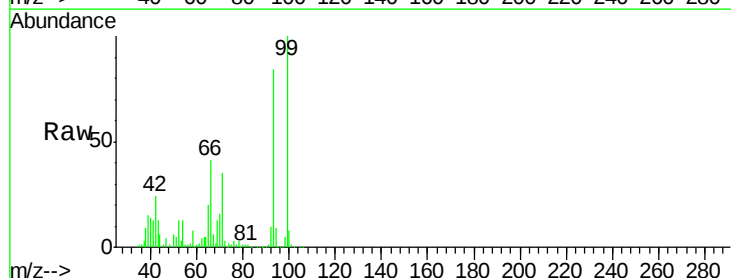
RT: 6.21 min Scan# 396

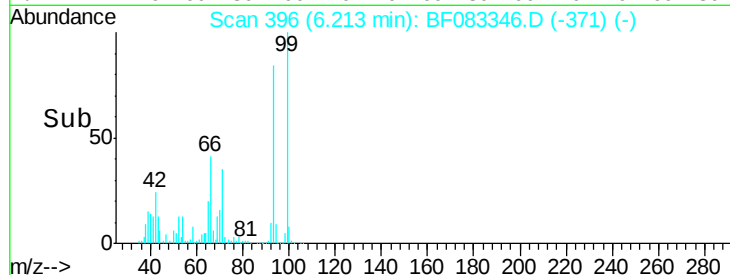
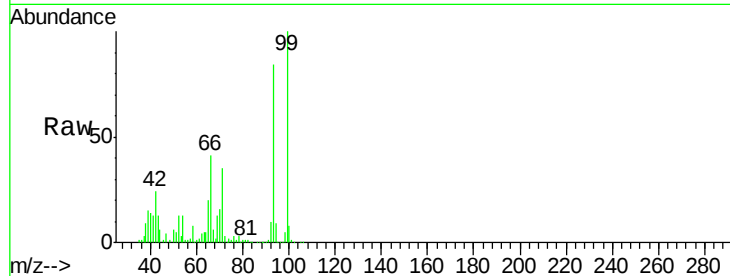
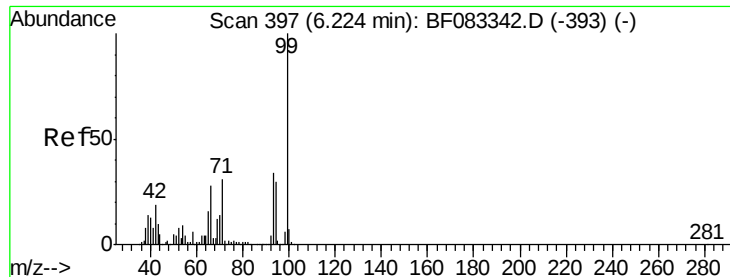
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	93	Resp:	744115
Ion Ratio	Lower	Upper	
93	100		
66	48.9	38.7	58.1
65	23.6	19.0	28.6





#7

Phenol-d6

Concen: 75.16 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion: 99 Resp: 1073585

Ion Ratio Lower Upper

99 100

42 24.3 14.9 22.3#

71 35.0 24.7 37.1

Instrument :

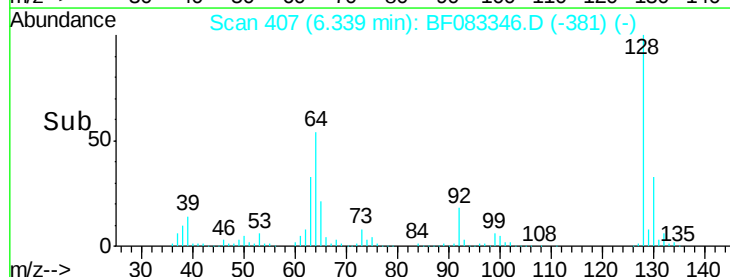
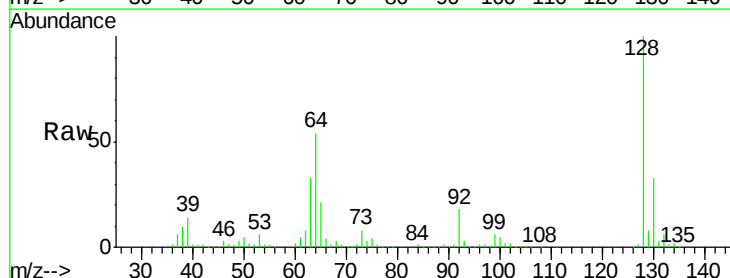
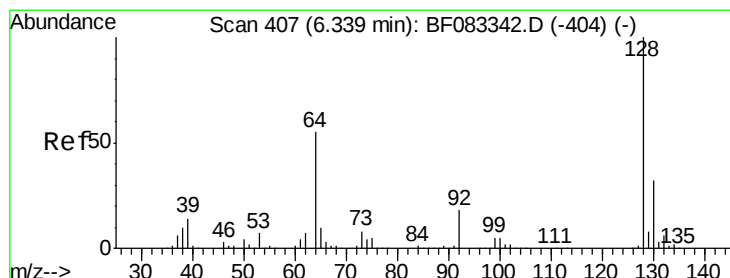
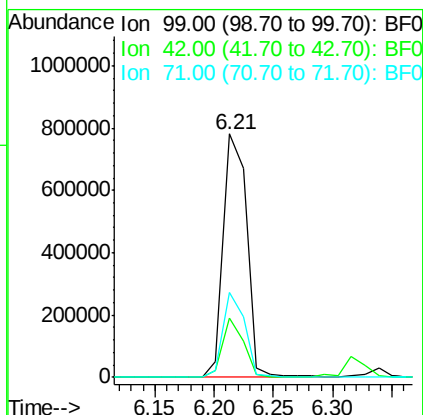
BNA_F

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ICVBF113015

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#8

2-Chlorophenol

Concen: 39.49 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

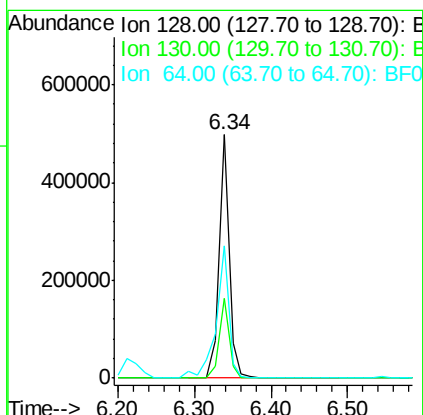
Tgt Ion: 128 Resp: 454563

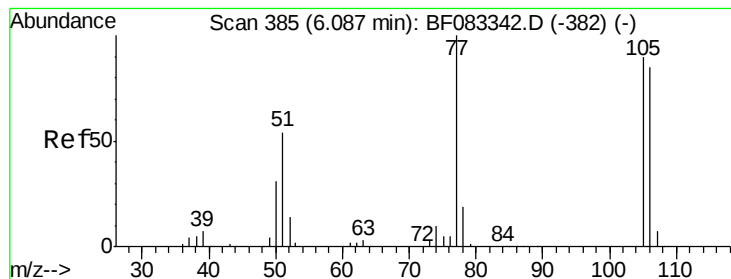
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 54.2 36.4 76.4





#9

Benzaldehyde

Concen: 40.44 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083346.D

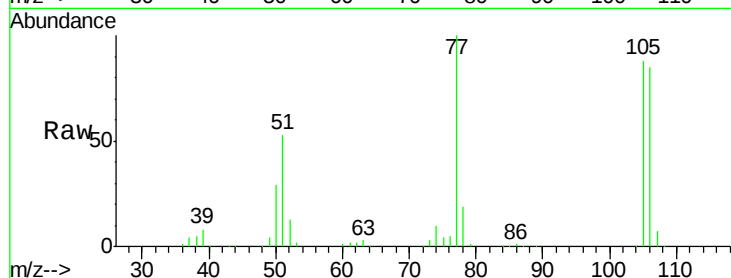
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015



Tgt Ion: 77 Resp: 277242

Ion Ratio Lower Upper

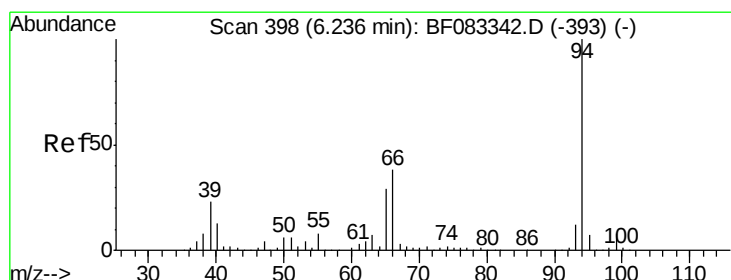
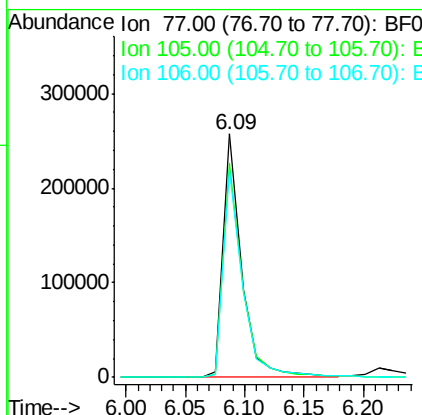
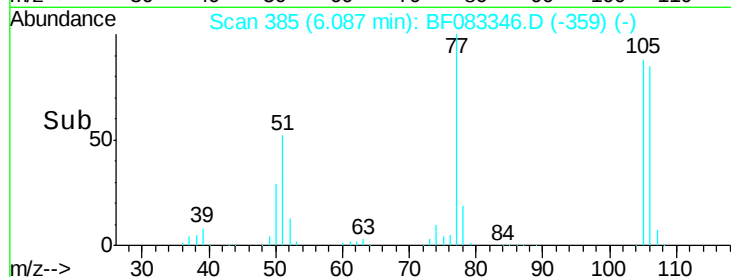
77 100

105 87.8 70.0 110.0

106 85.3 65.0 105.0

Manual Integrations
APPROVED

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#10

Phenol

Concen: 36.51 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

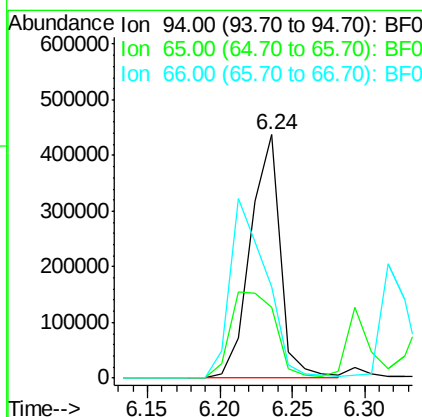
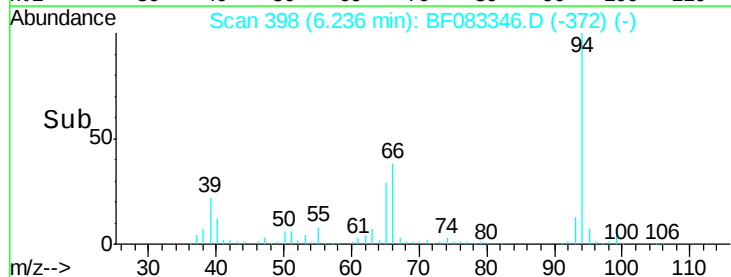
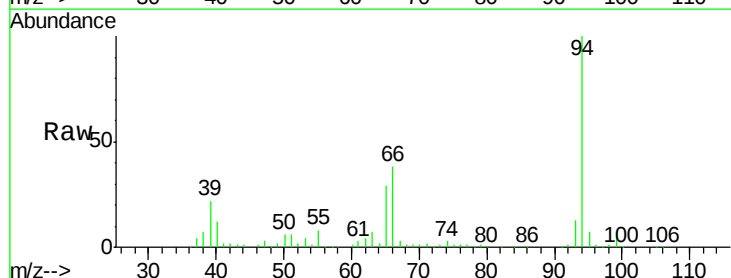
Tgt Ion: 94 Resp: 627560

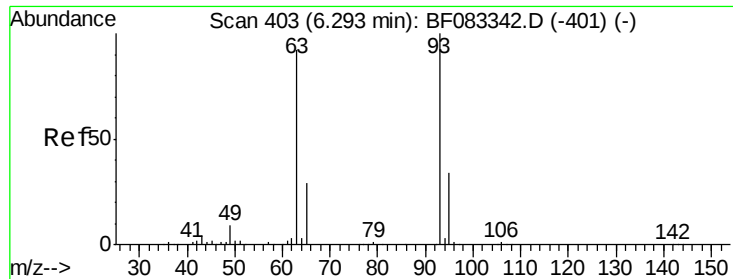
Ion Ratio Lower Upper

94 100

65 28.8 9.5 49.5

66 37.6 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 37.86 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion: 93 Resp: 473321
Ion Ratio Lower Upper

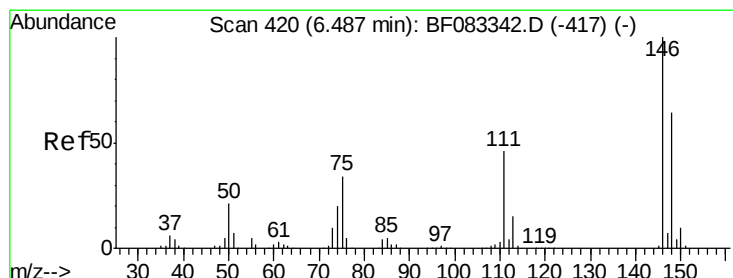
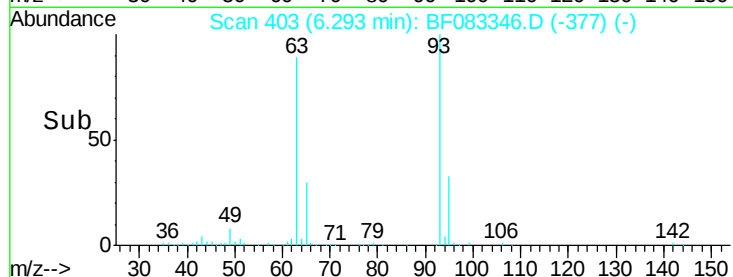
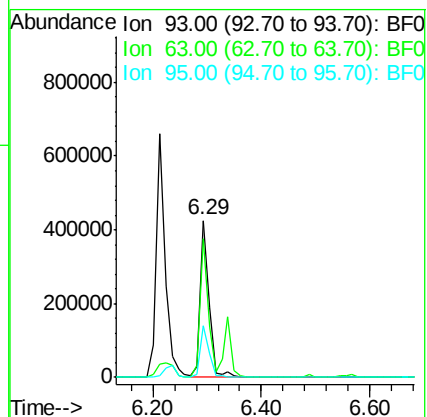
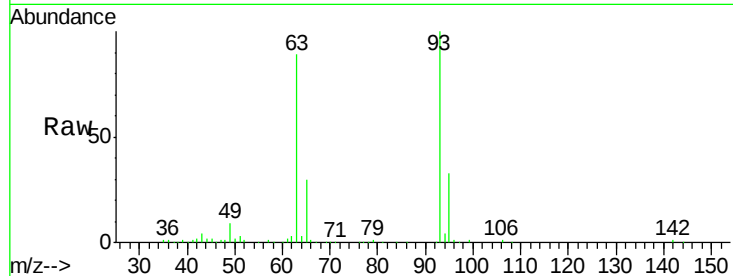
93 100

63 88.6 71.4 111.4

95 32.6 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 39.28 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083346.D

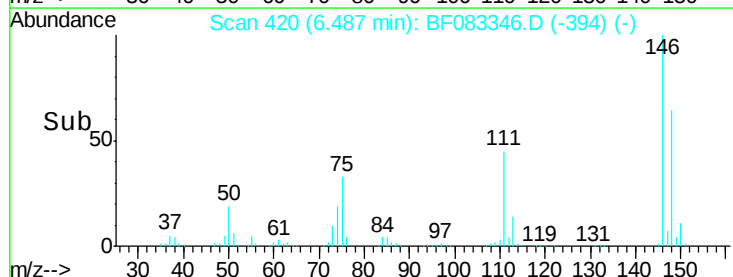
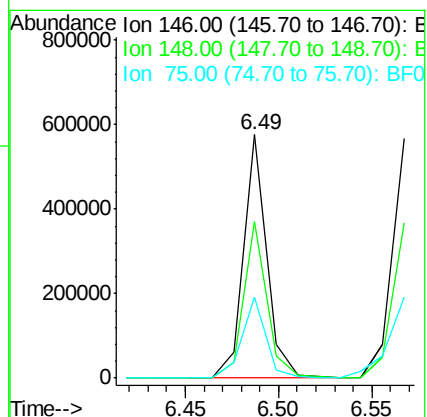
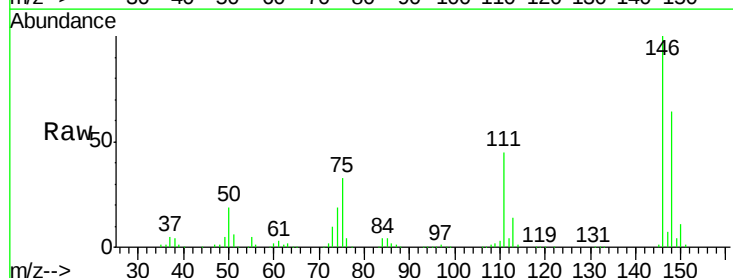
Acq: 30 Nov 2015 21:08

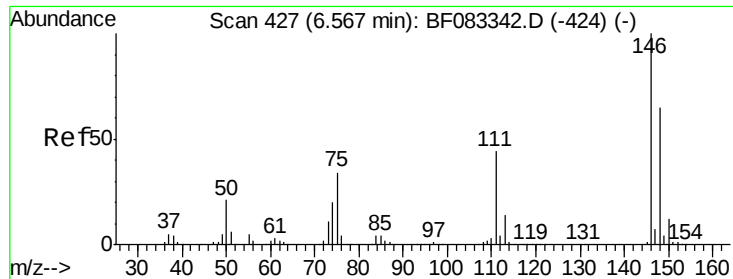
Tgt Ion: 146 Resp: 502627
Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

75 33.0 27.5 41.3





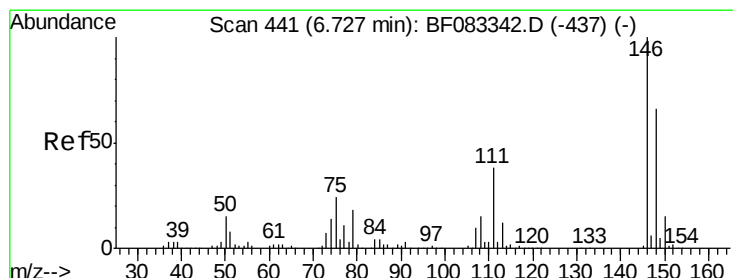
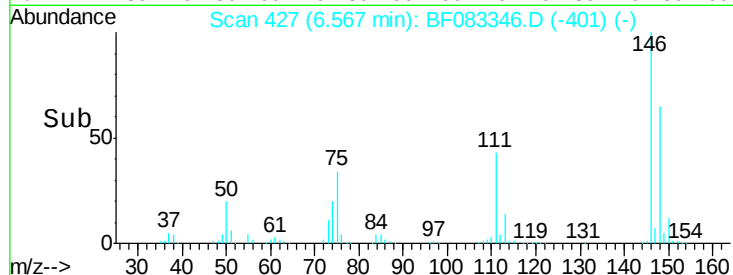
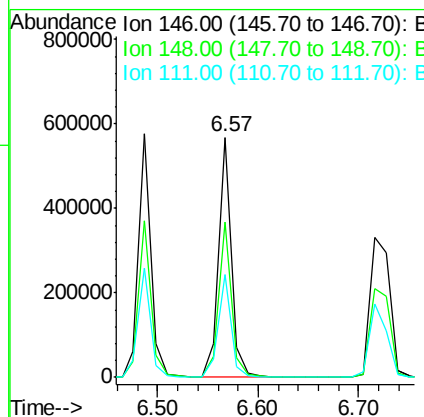
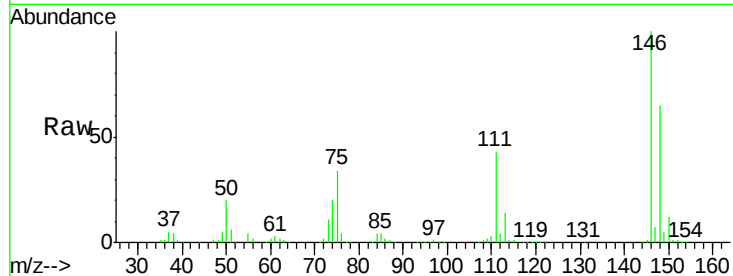
#13
 1,4-Dichlorobenzene
 Concen: 38.60 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	510525		
148	64.8	52.1	78.1	
111	42.6	35.4	53.0	

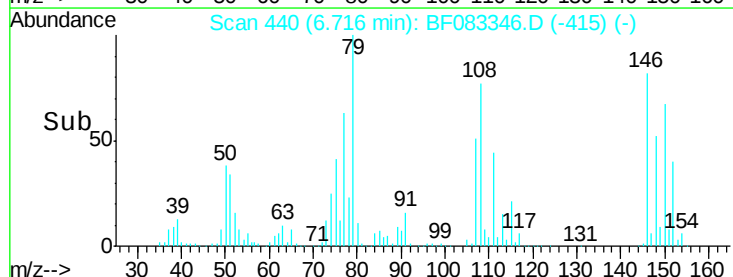
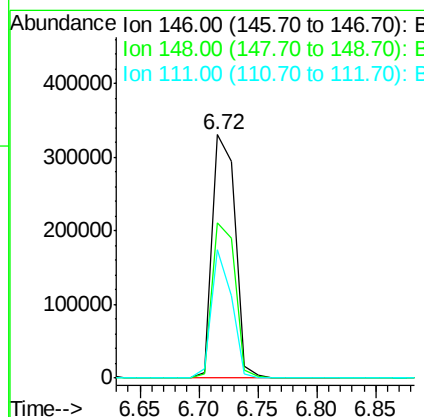
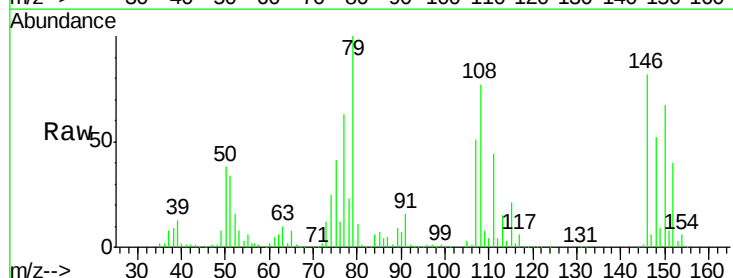
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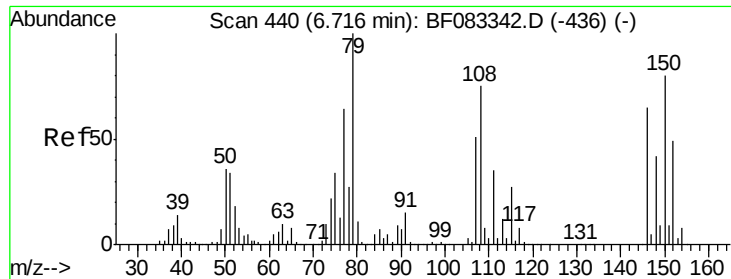
Mmdadoda
 12/1/2015 6:34:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.95 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	448336		
148	63.6	52.5	78.7	
111	52.9	30.6	46.0	





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion: 79 Resp: 448673

Ion Ratio Lower Upper

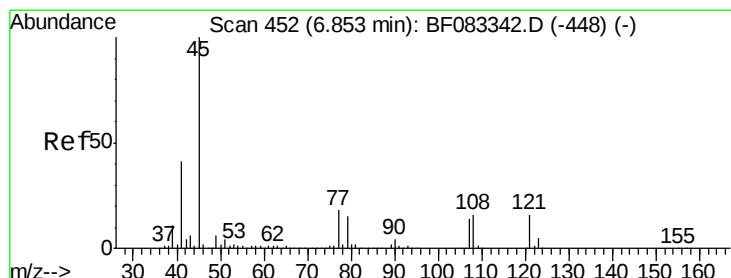
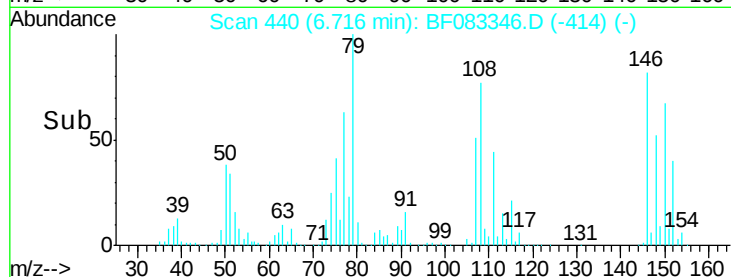
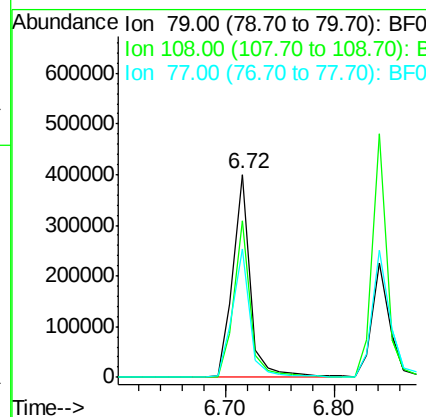
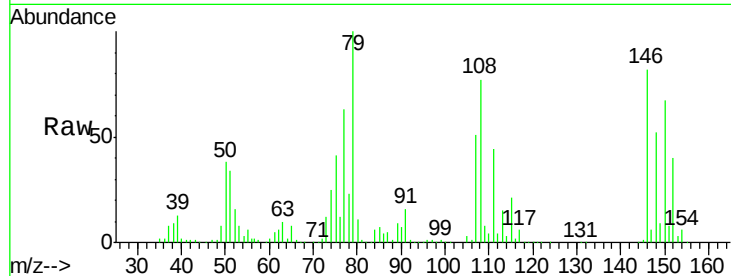
79 100

108 77.1 59.9 89.9

77 63.1 51.0 76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

RT: 6.85 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

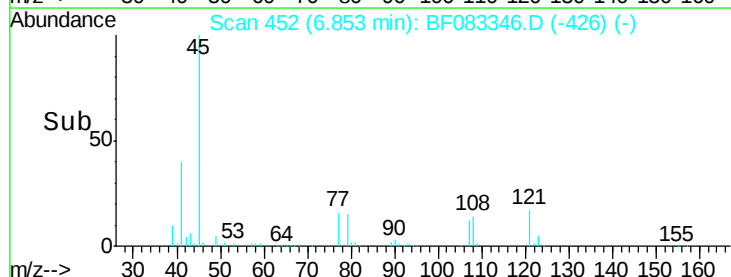
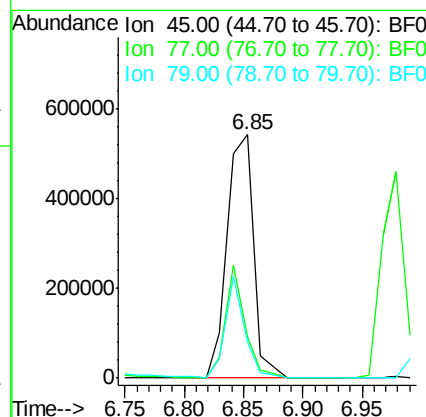
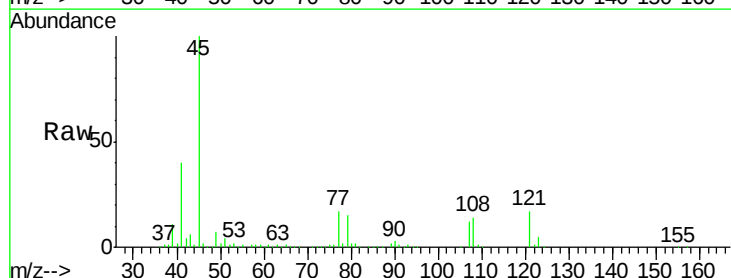
Tgt Ion: 45 Resp: 837665

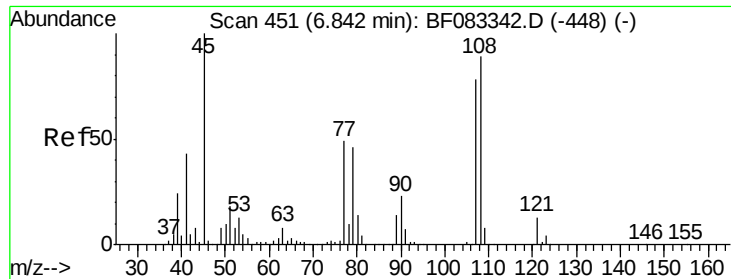
Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.3

79 15.0 0.0 35.4





#17

2-Methylphenol

Concen: 40.24 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

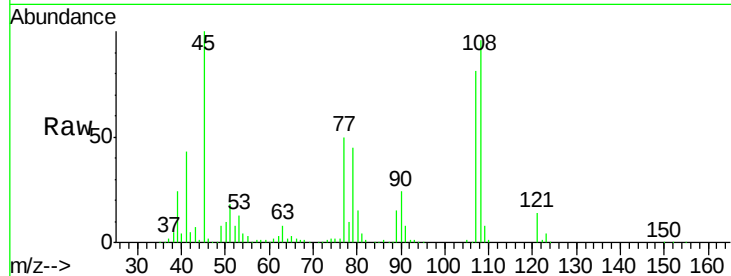
ClientSampleId :

ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	386107		
108	118.2	91.6	137.4	
77	61.7	49.9	74.9	
79	55.5	47.3	70.9	

Manual Integrations
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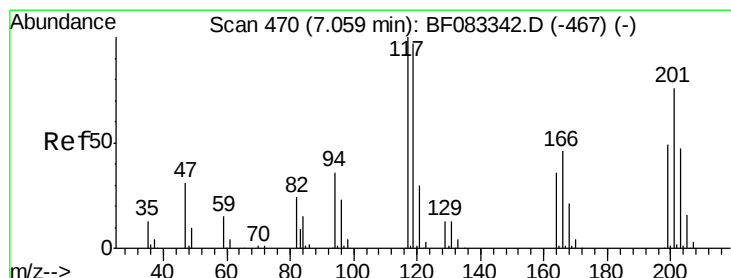
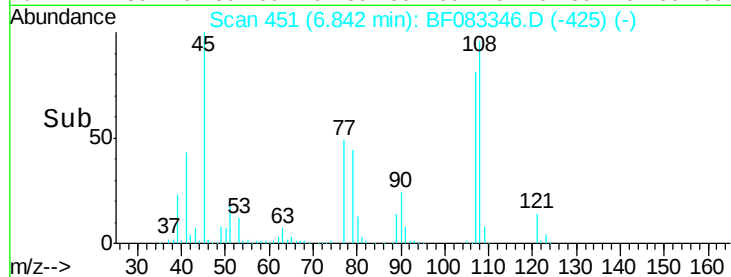
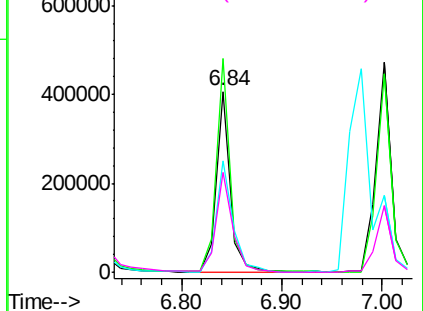


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.63 ng

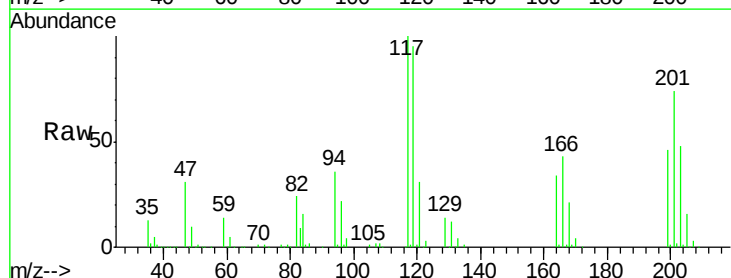
RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

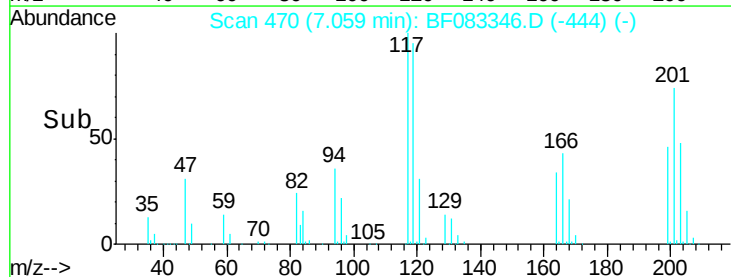
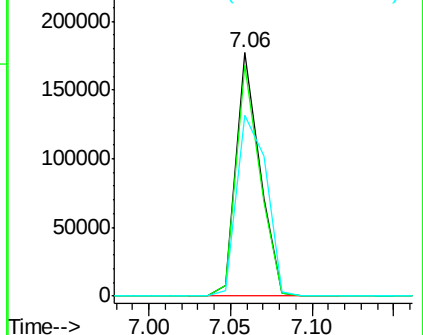
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177452		
119	95.0	77.3	115.9	
201	74.3	60.6	90.8	

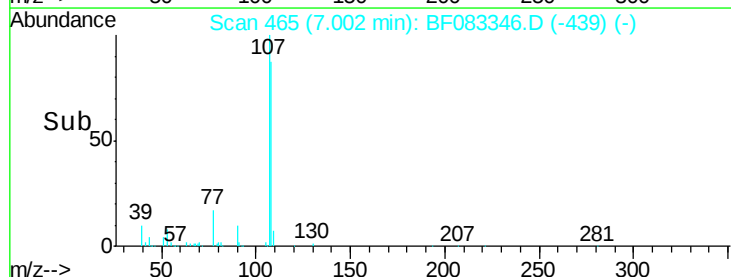
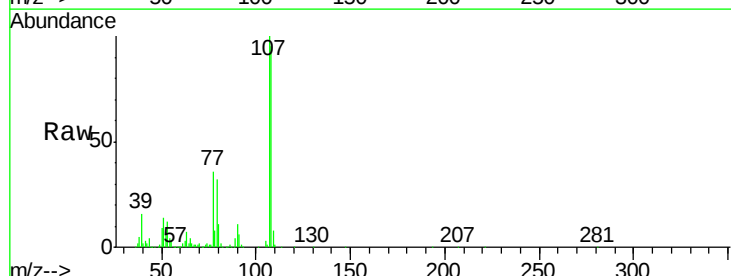
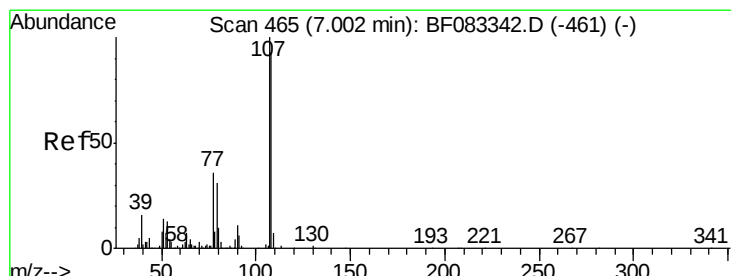
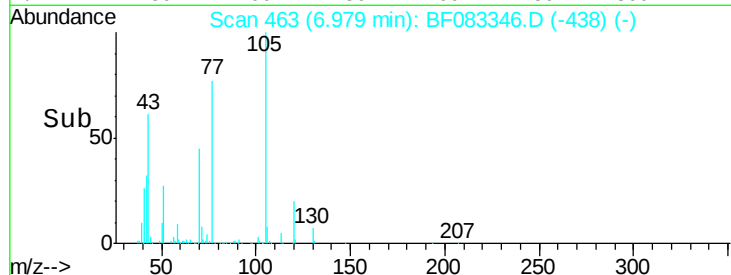
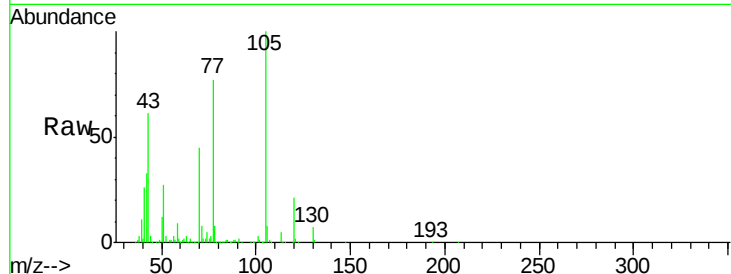
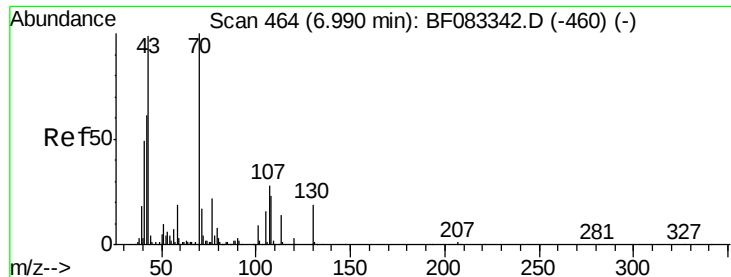


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





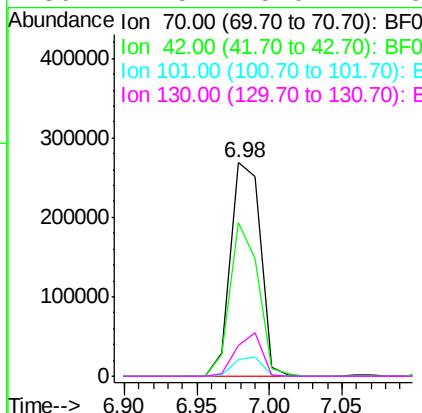
#19
n-Nitroso-di-n-propylamine
Concen: 37.92 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.7	48.8	73.2	
101	7.5	7.1	10.7	
130	14.5	15.0	22.6	

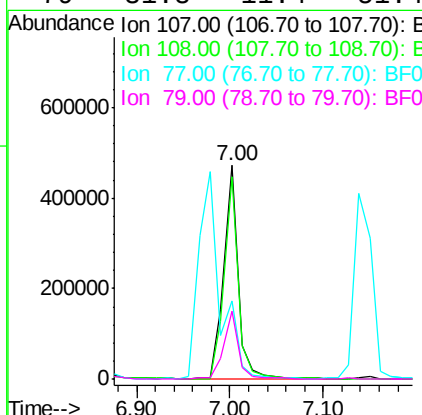
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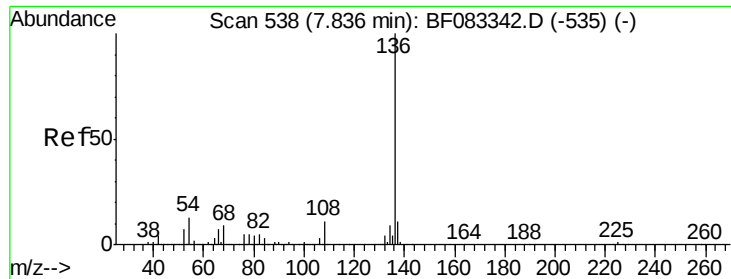
Mmdadoda
12/1/2015 6:34:57 PM



#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.8	73.0	113.0	
77	36.4	16.8	56.8	
79	31.8	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: BF083346.D

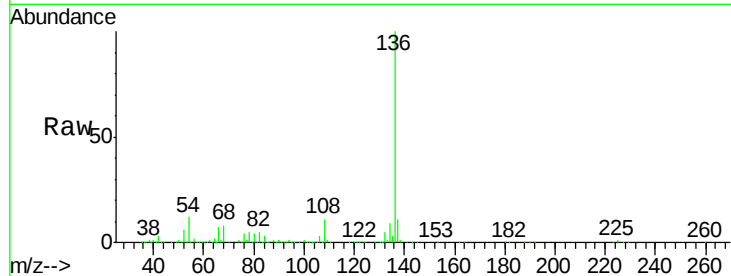
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

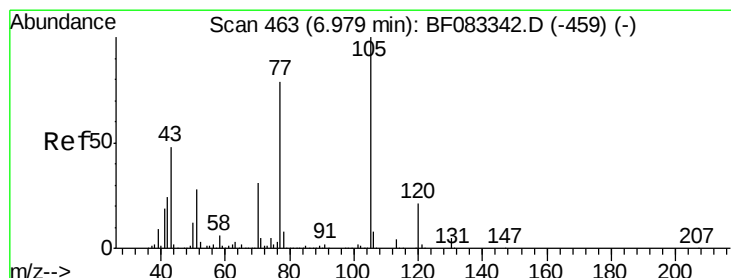
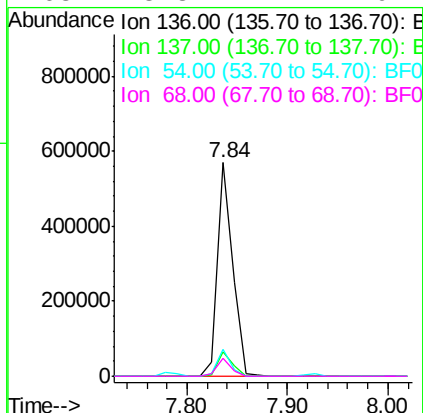
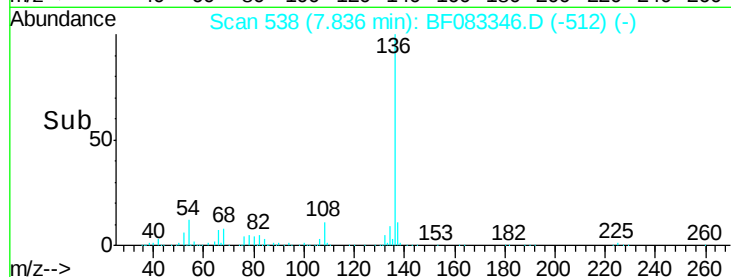
ICVBF113015



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	597994		
137	11.3	9.0	13.4	
54	12.4	10.1	15.1	
68	8.3	7.1	10.7	

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#22

Acetophenone

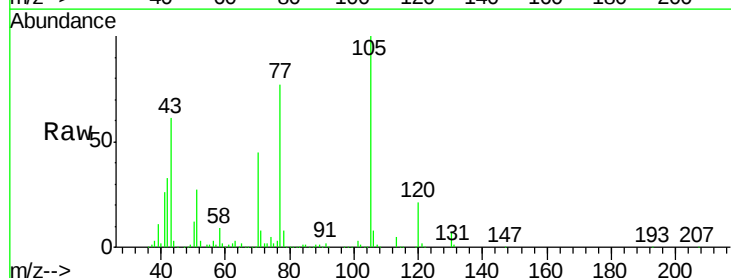
Concen: 39.33 ng

RT: 6.98 min Scan# 463

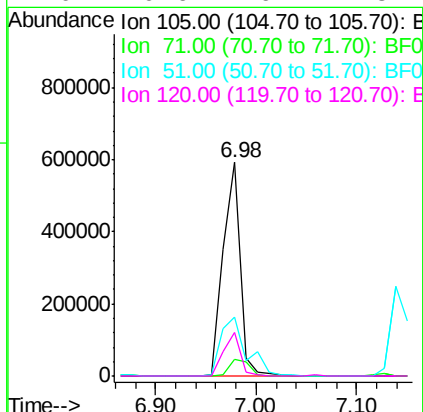
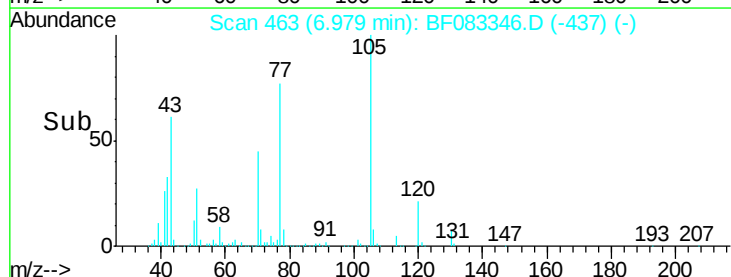
Delta R.T. -0.00 min

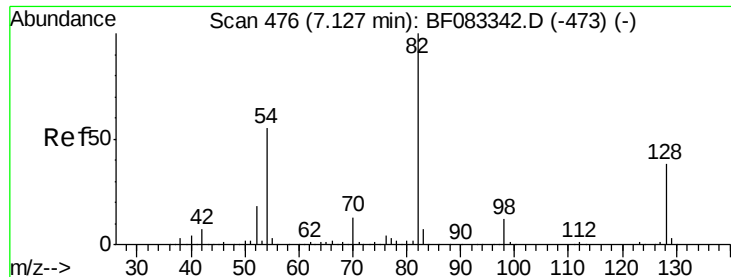
Lab File: BF083346.D

Acq: 30 Nov 2015 21:08



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703760		
71	7.6	4.3	6.5#	
51	27.5	22.9	34.3	
120	20.6	16.7	25.1	





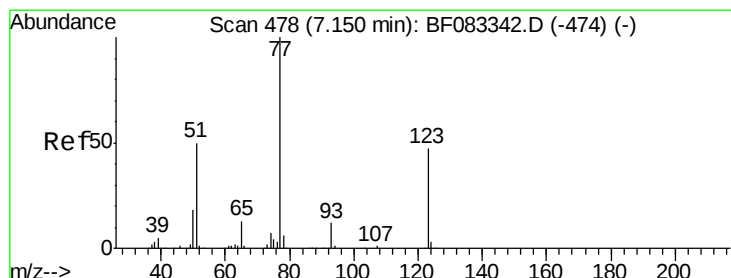
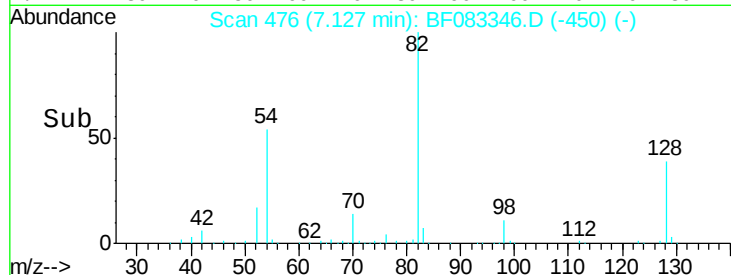
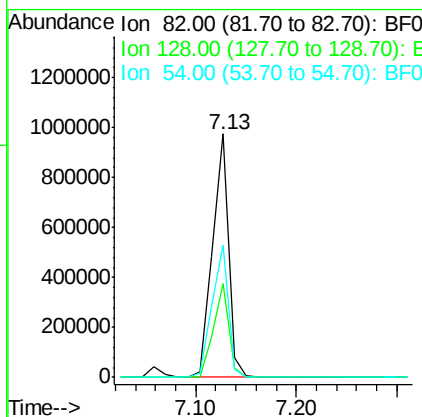
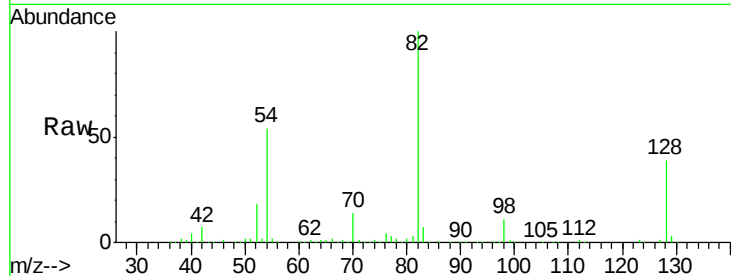
#23
 Nitrobenzene-d5
 Concen: 79.40 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion: 82 Resp: 1080167
 Ion Ratio Lower Upper
 82 100
 128 38.8 30.6 46.0
 54 54.2 43.8 65.6

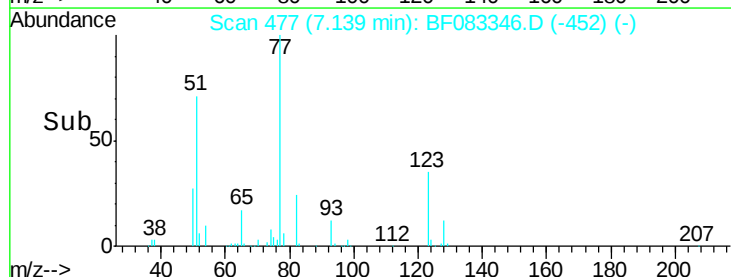
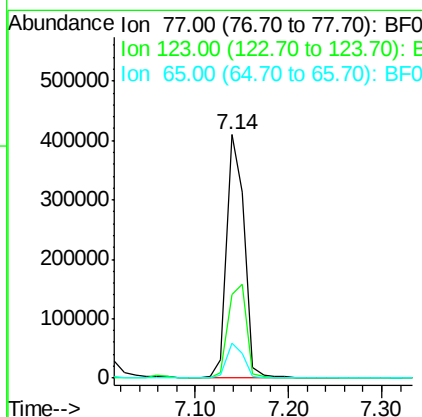
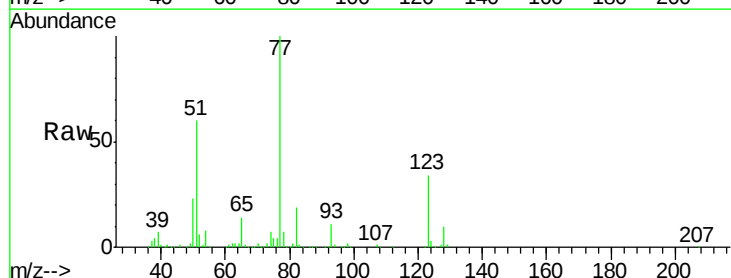
Manual Integrations
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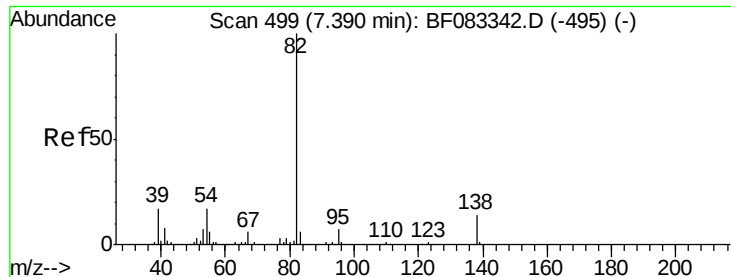
Mmdadoda
 12/1/2015 6:34:57 PM



#24
 Nitrobenzene
 Concen: 36.90 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion: 77 Resp: 535980
 Ion Ratio Lower Upper
 77 100
 123 34.3 37.4 56.0#
 65 14.2 10.6 15.8





#25

Isophorone

Concen: 39.73 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion: 82 Resp: 1046942

Ion Ratio Lower Upper

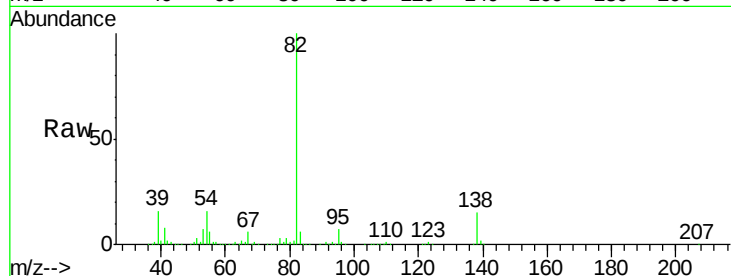
82 100

95 6.7 5.3 7.9

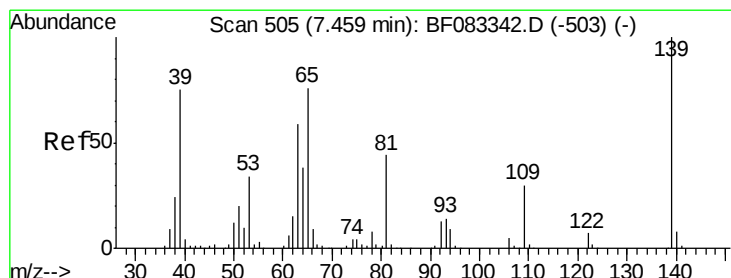
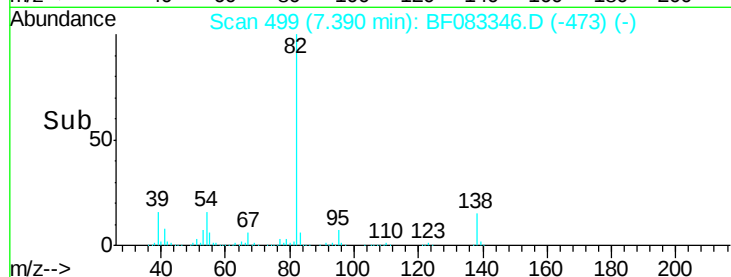
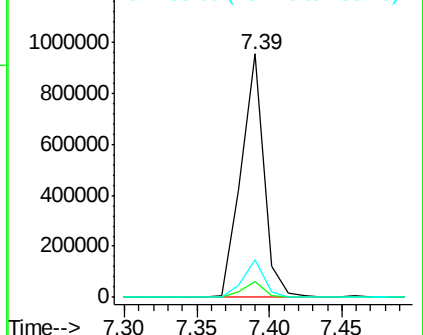
138 15.3 11.6 17.4

Manual Integrations
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12/1/2015 6:34:57 PM



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



#26

2-Nitrophenol

Concen: 38.51 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

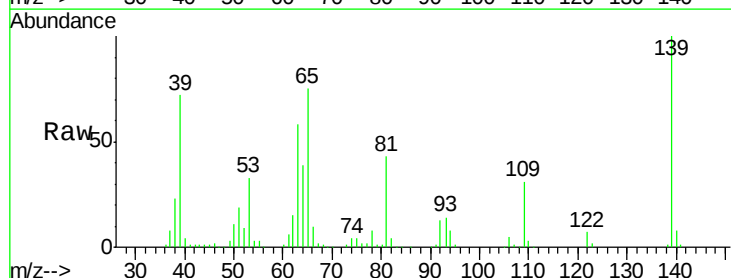
Tgt Ion: 139 Resp: 228373

Ion Ratio Lower Upper

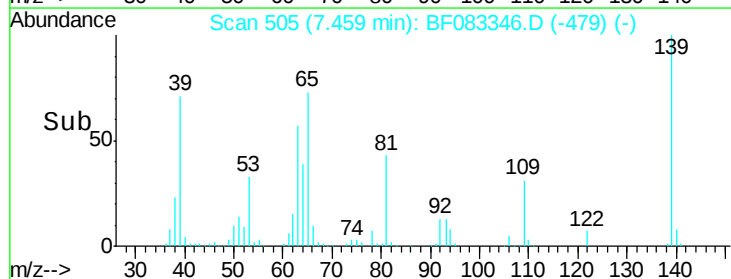
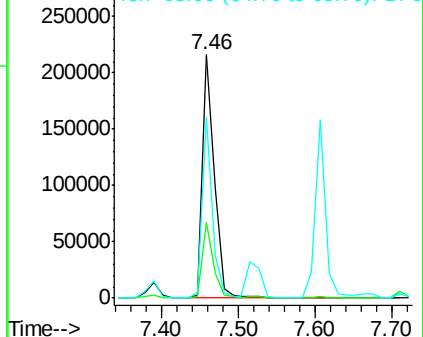
139 100

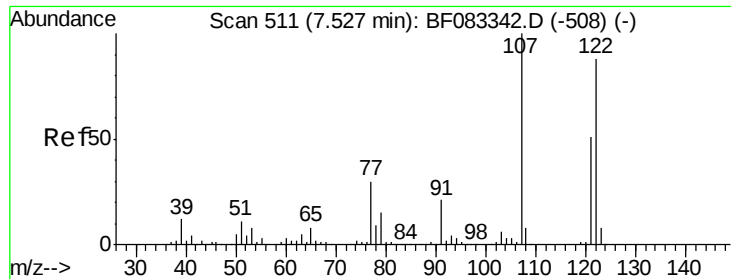
109 31.1 24.2 36.4

65 74.5 61.0 91.6



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





#27

2,4-Dimethylphenol

Concen: 38.25 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

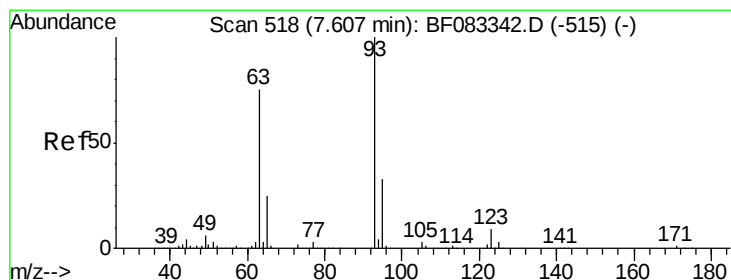
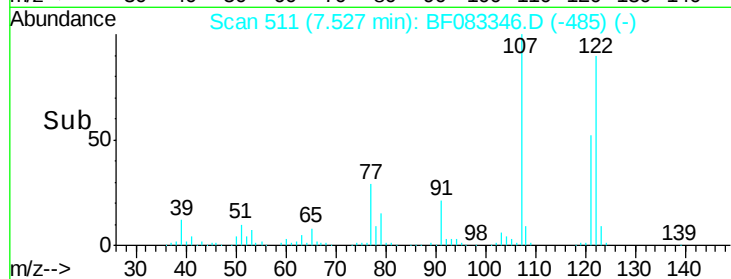
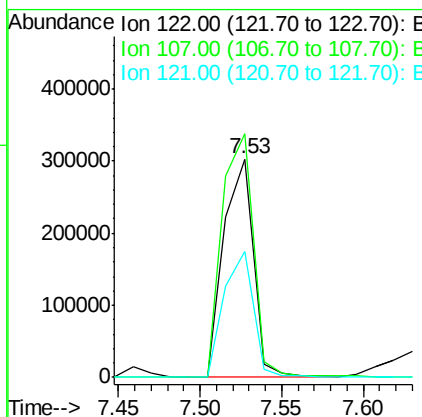
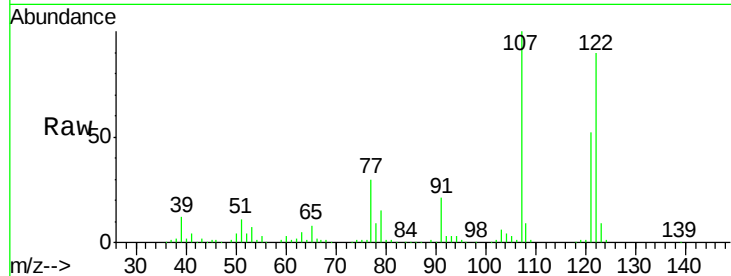
ClientSampleId :

ICVBF113015

Tgt Ion:	122	Resp:	380187
Ion Ratio	Lower	Upper	
122	100		
107	111.6	91.2	136.8
121	57.5	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 38.94 ng

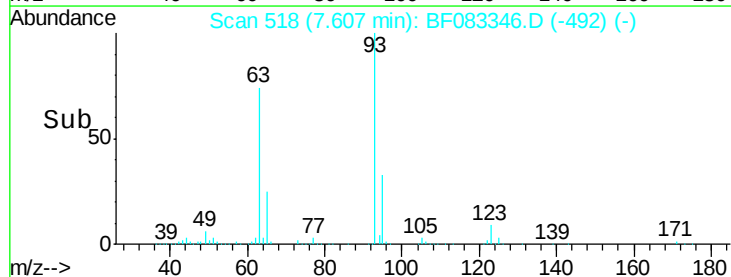
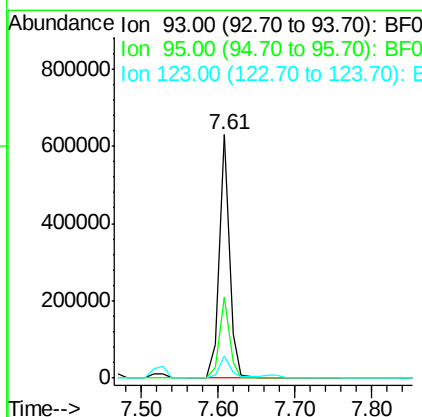
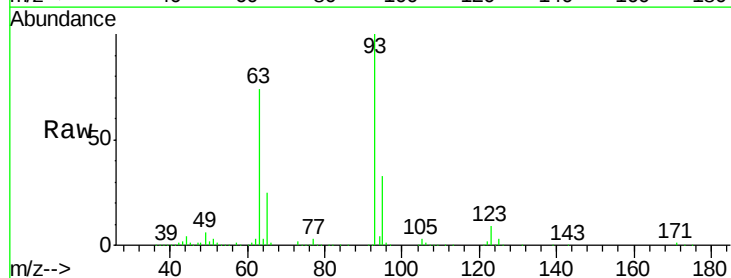
RT: 7.61 min Scan# 518

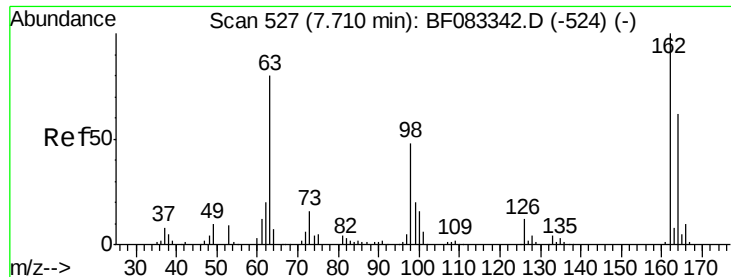
Delta R.T. -0.00 min

Lab File: BF083346.D

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Tgt Ion:	93	Resp:	584375
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.1	39.1
123	9.2	7.4	11.0





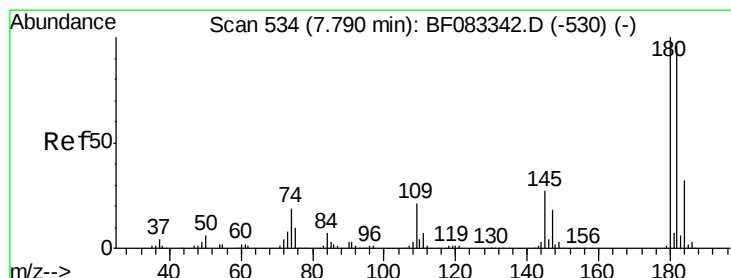
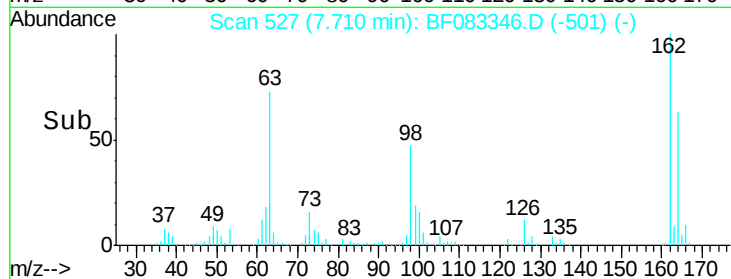
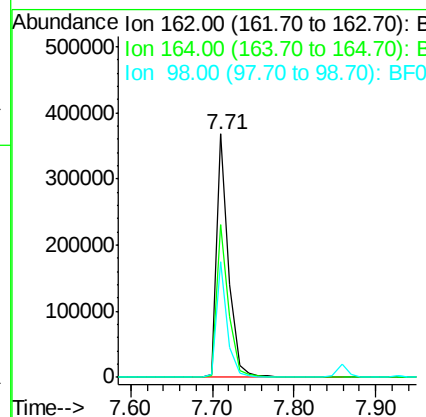
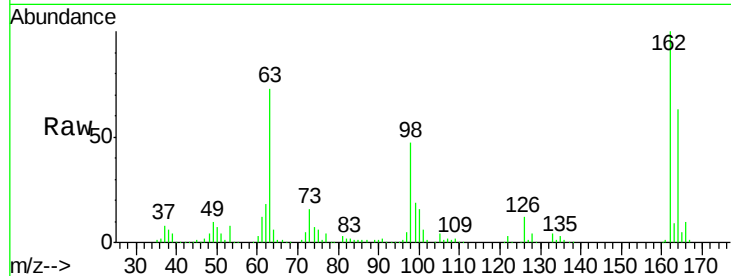
#29
 2,4-Dichlorophenol
 Concen: 39.19 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion:	162	Resp:	374693
Ion Ratio	Lower	Upper	
162	100		
164	62.8	41.9	81.9
98	47.4	28.1	68.1

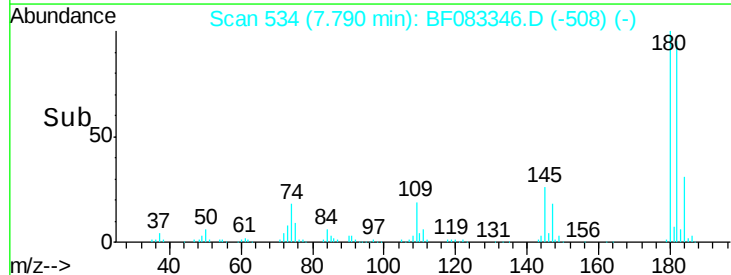
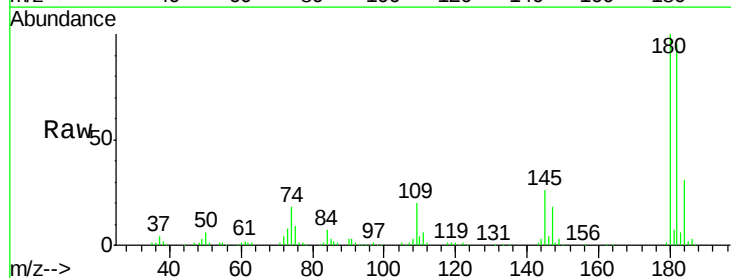
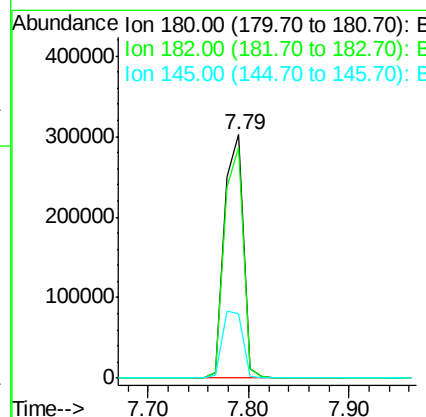
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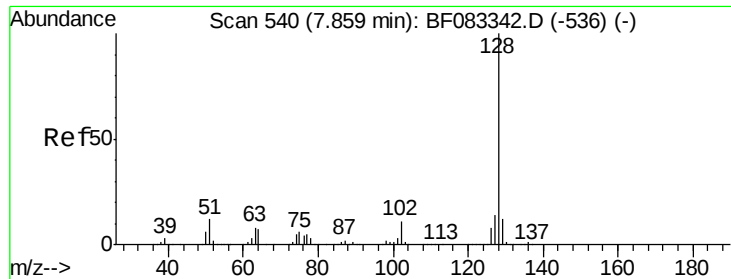
Mmdadoda
 12/1/2015 6:34:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.07 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:	180	Resp:	396122
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.2	115.8
145	26.3	21.4	32.2





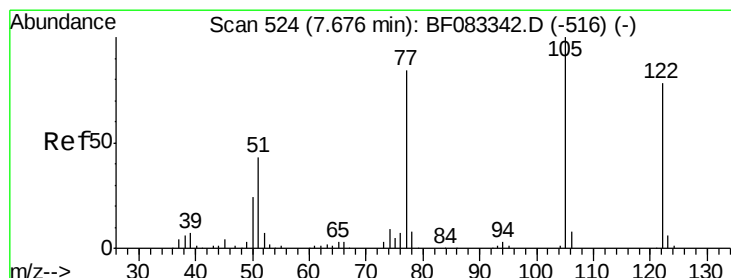
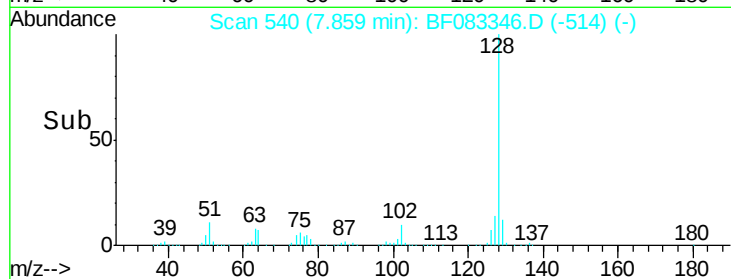
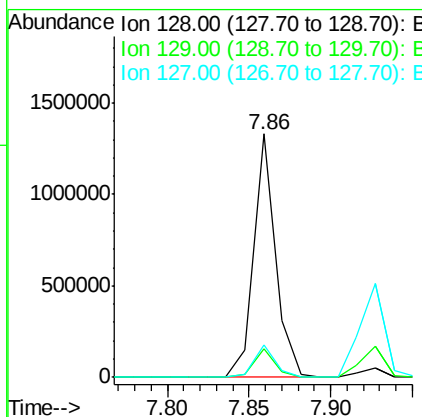
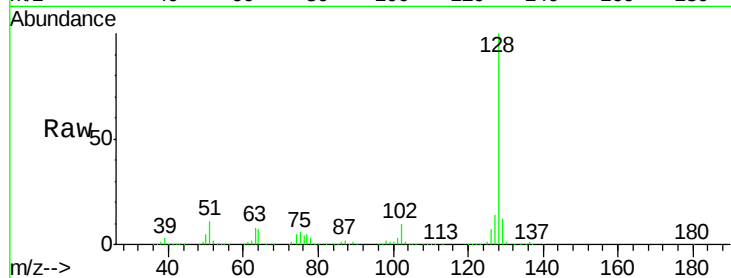
#31
Naphthalene
Concen: 38.25 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:128 Resp: 1241002
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.5 11.0 16.4

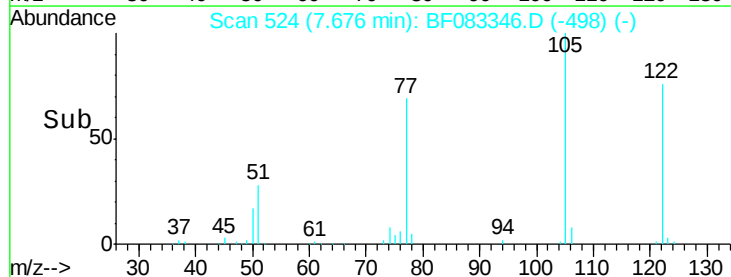
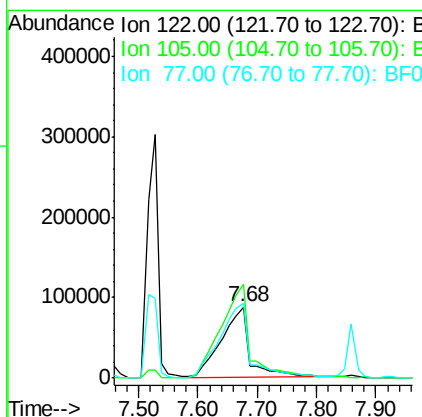
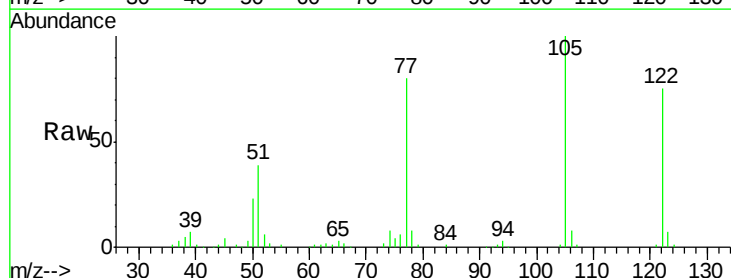
Manual Integrations
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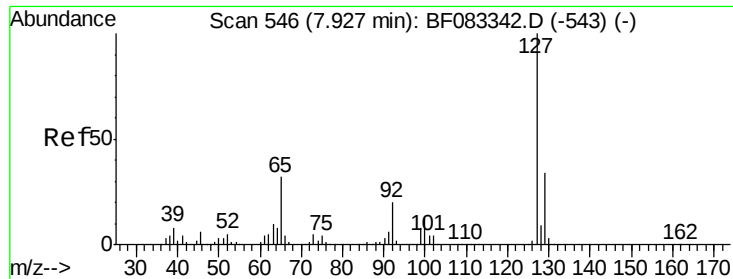
Mmdadoda
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#32
Benzoic acid
Concen: 42.69 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:122 Resp: 292689
Ion Ratio Lower Upper
122 100
105 132.9 106.0 146.0
77 105.8 86.3 126.3





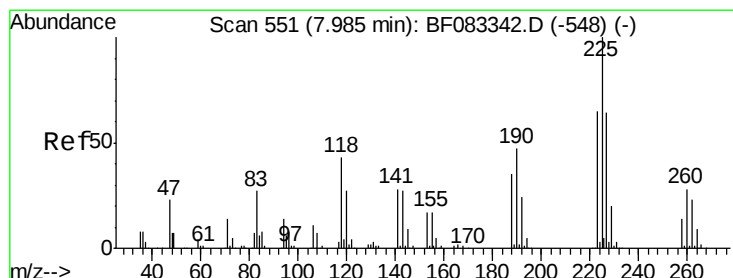
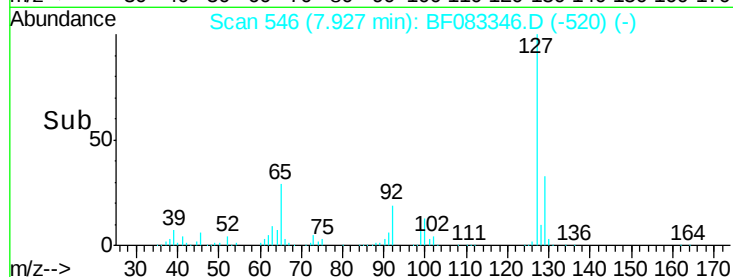
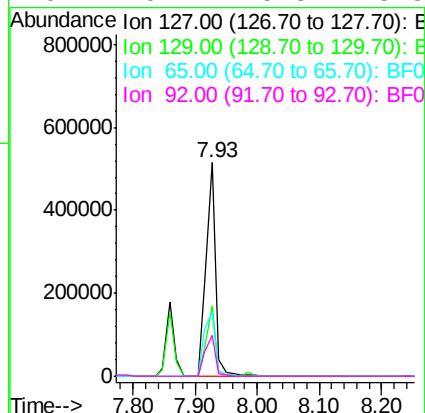
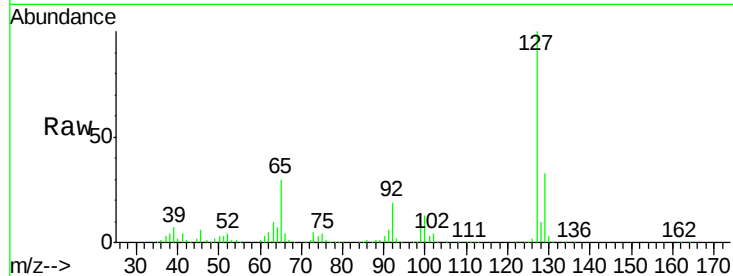
#33
4-Chloroaniline
Concen: 39.52 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	552797		
129	33.0	27.0	40.4	
65	30.0	25.9	38.9	
92	19.2	15.8	23.8	

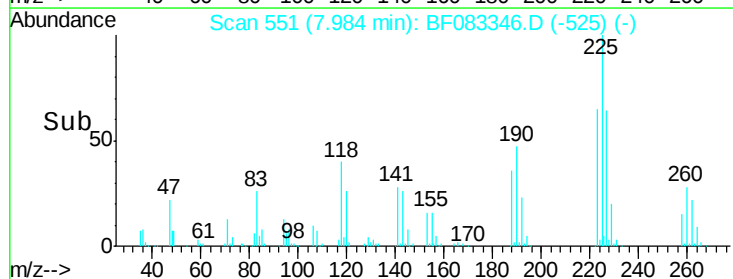
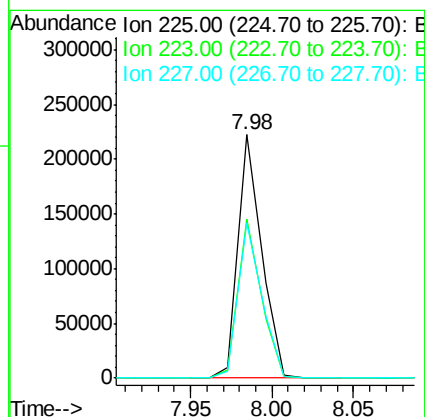
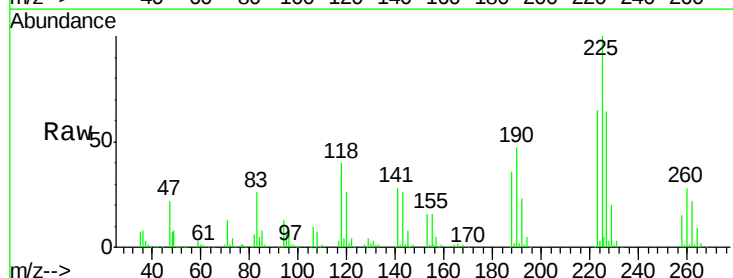
Manual Integrations
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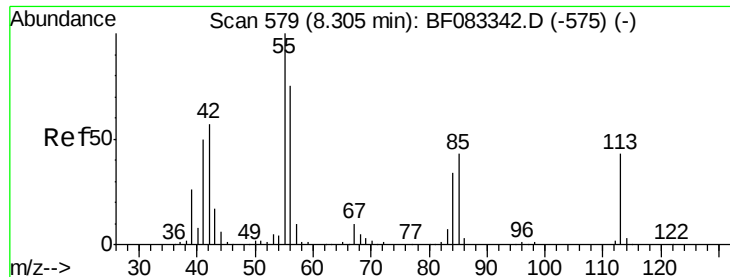
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#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221593		
223	65.3	52.0	78.0	
227	63.7	51.1	76.7	





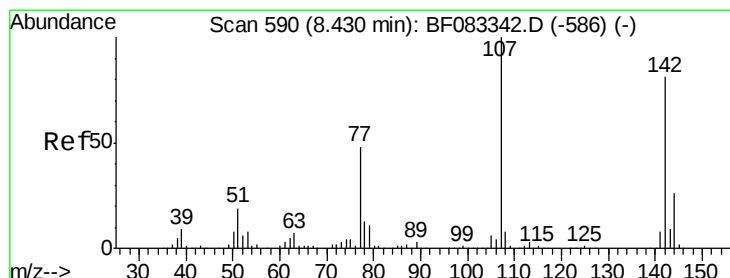
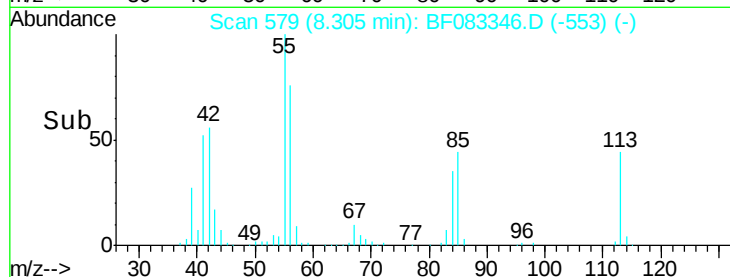
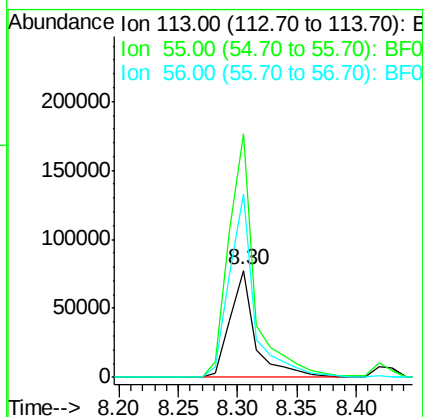
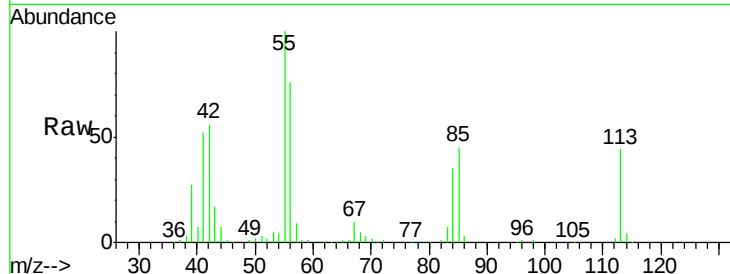
#35
 Caprolactam
 Concen: 37.93 ng
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	228.3	211.6	251.6	
56	172.5	153.0	193.0	

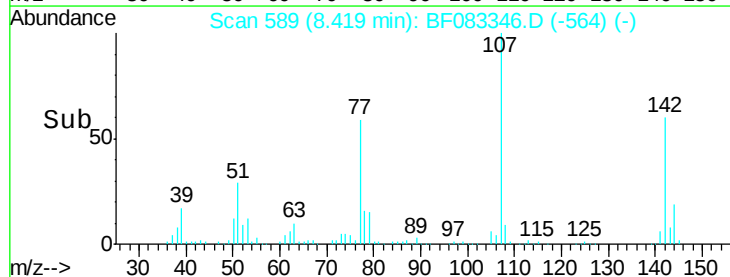
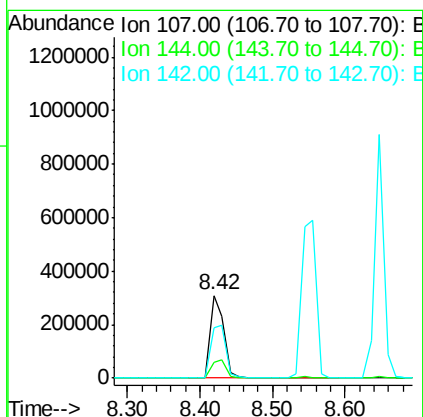
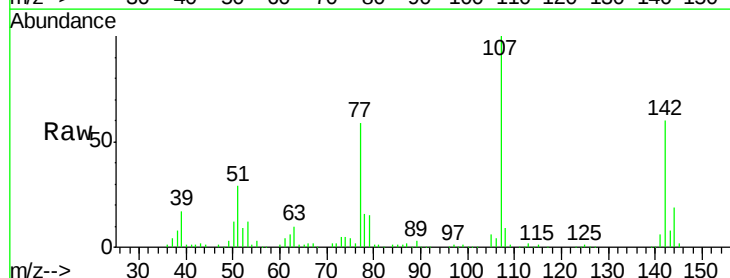
Manual Integrations
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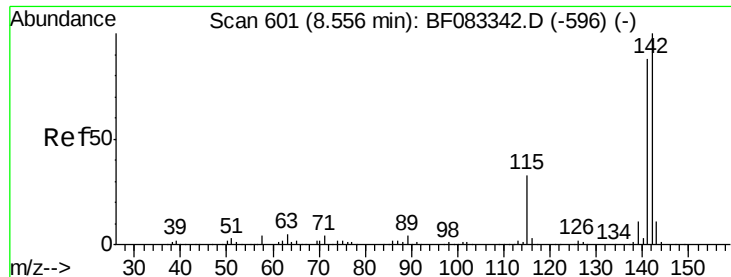
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#36
 4-Chloro-3-methylphenol
 Concen: 37.30 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

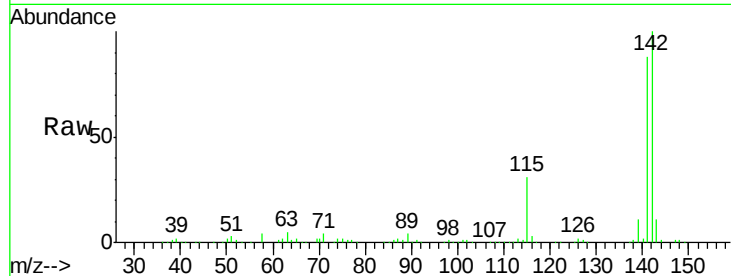
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	18.9	21.1	31.7#	
142	60.4	65.1	97.7#	





#37
2-Methylnaphthalene
Concen: 37.75 ng
RT: 8.56 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

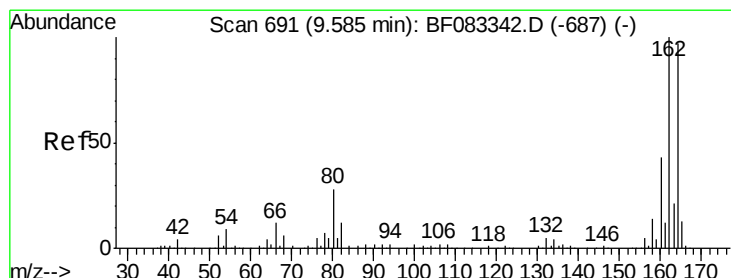
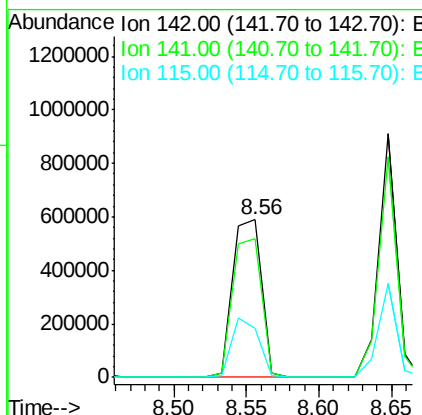
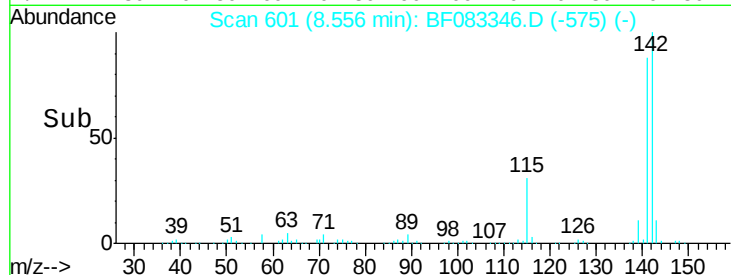
Instrument :
BNA_F
ClientSampleId :
ICVBF113015



Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	31.1	26.2	39.2

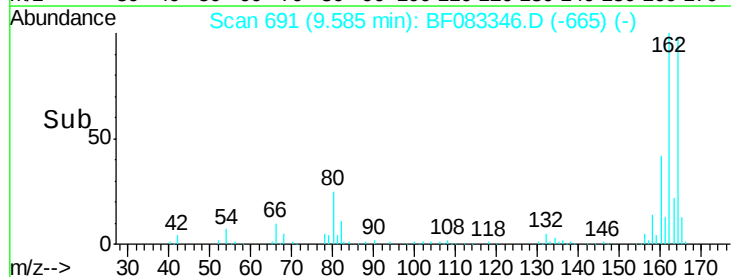
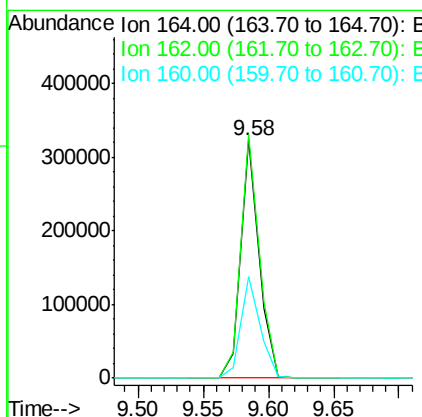
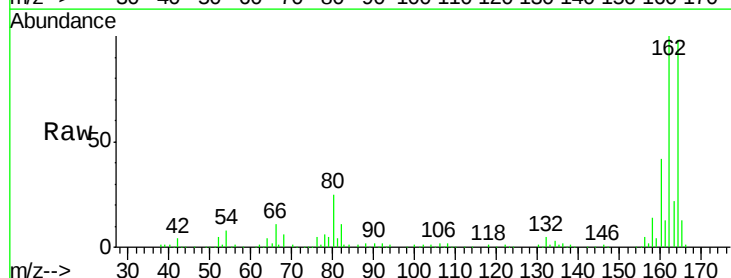
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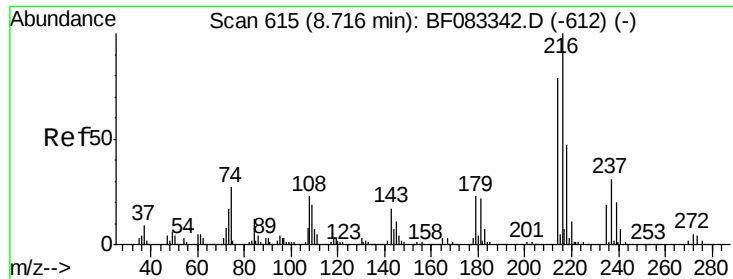
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	42.6	35.3	52.9





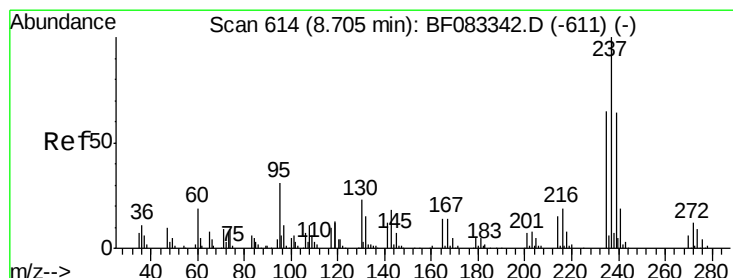
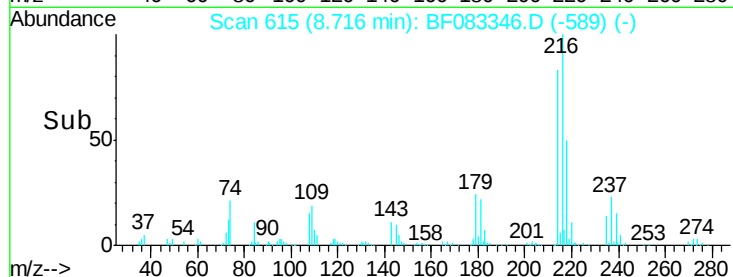
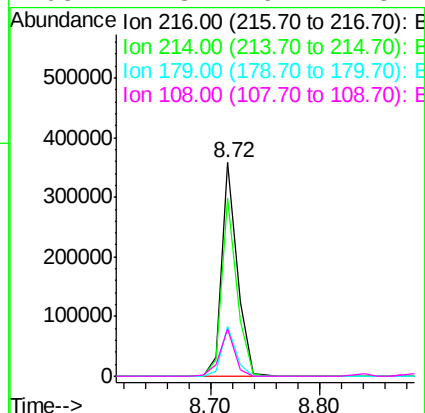
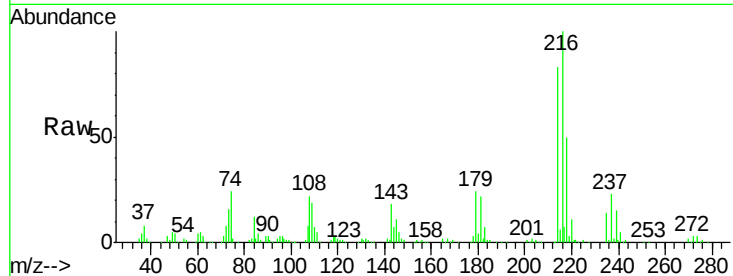
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.27 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	359360		
214	80.8	62.3	93.5	
179	21.8	17.0	25.4	
108	21.3	16.7	25.1	

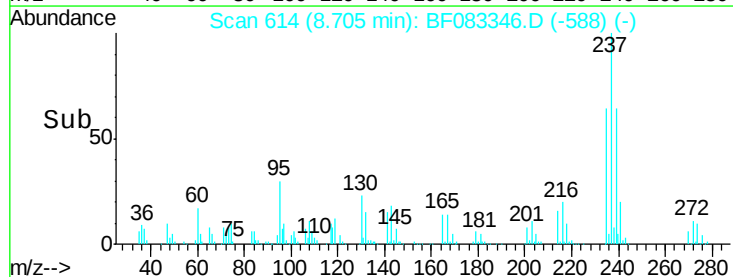
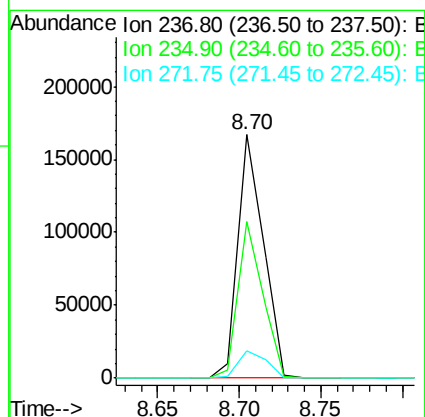
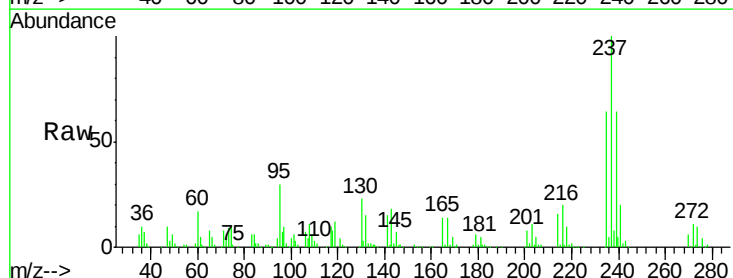
Manual Integrations
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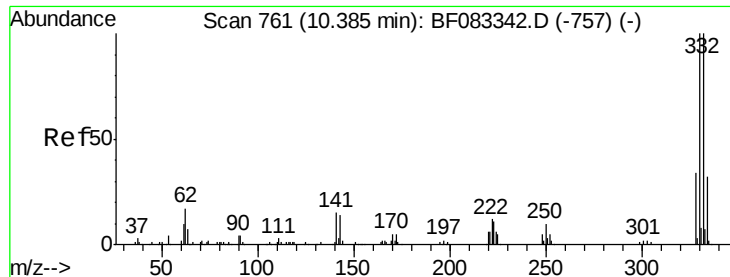
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#40
Hexachlorocyclopentadiene
Concen: 38.07 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	179221		
235	64.3	44.5	84.5	
272	11.1	0.0	31.6	





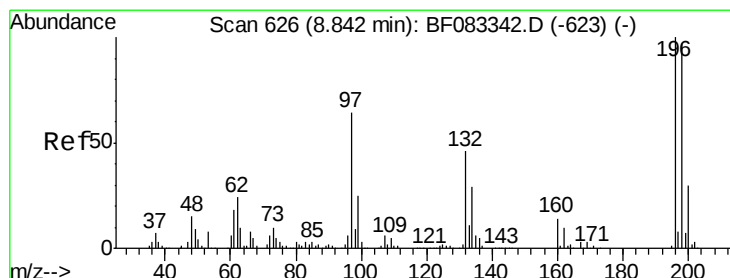
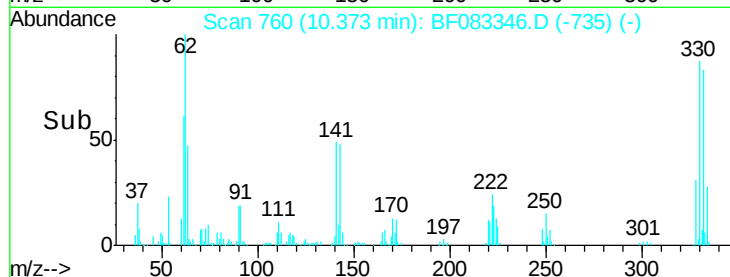
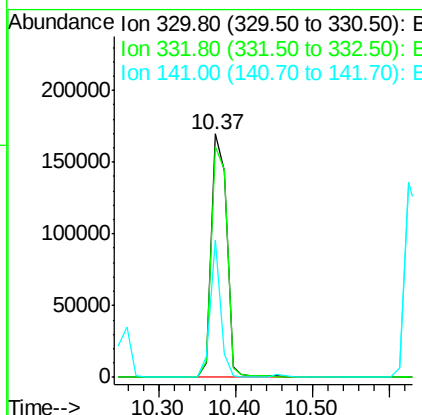
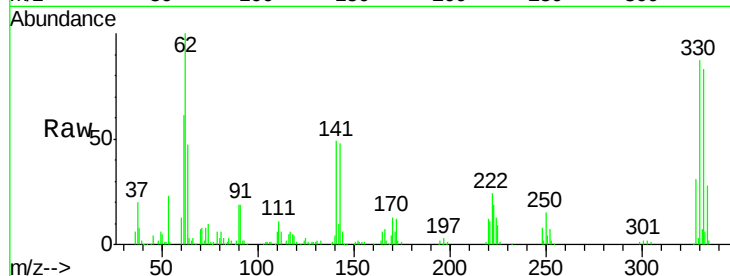
#41
 2,4,6-Tribromophenol
 Concen: 74.07 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232416		
332	97.5	77.8	116.6	
141	38.3	29.4	44.0	

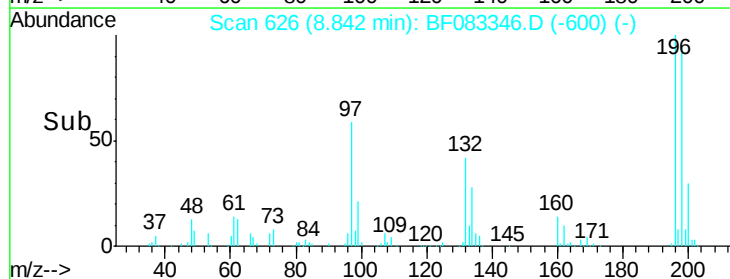
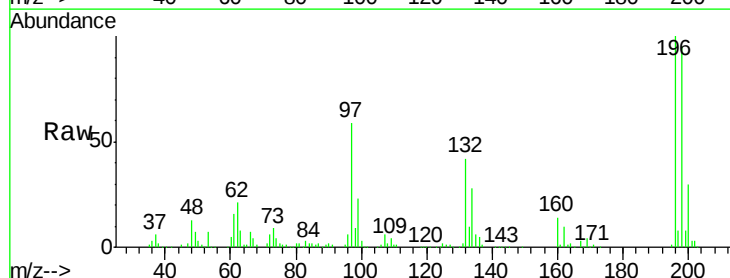
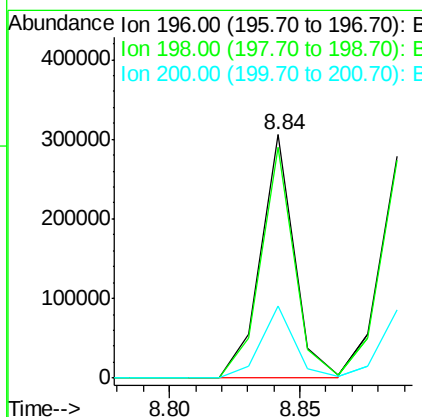
Manual Integrations
 APPROVED

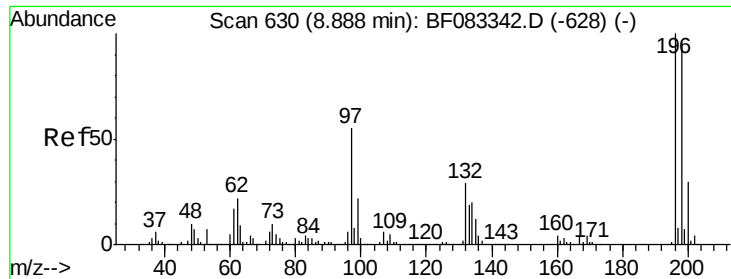
Mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

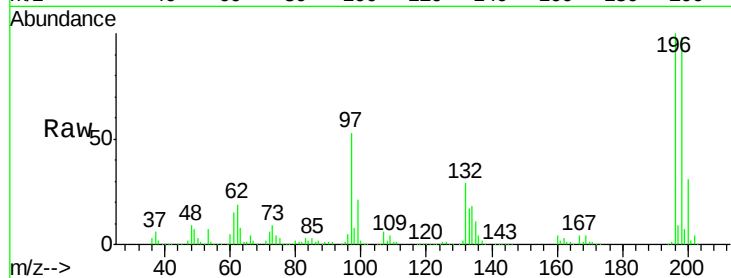
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276805		
198	94.6	77.2	115.8	
200	29.8	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 39.87 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

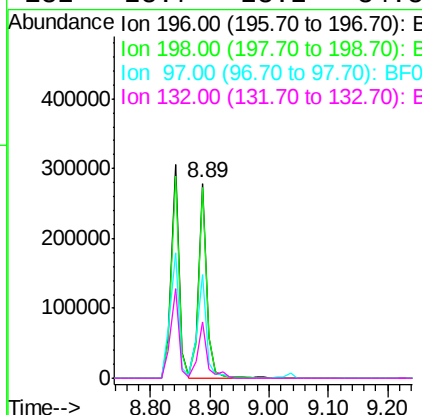
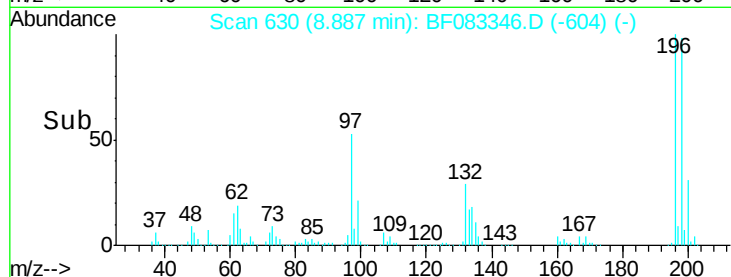
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

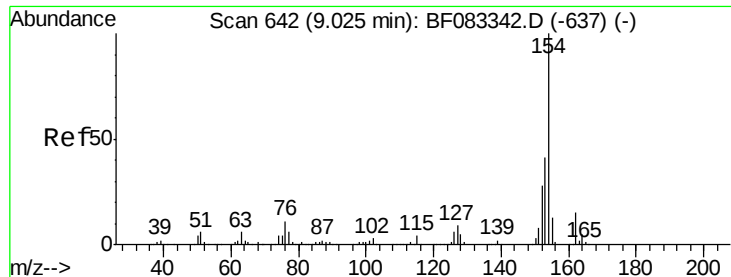


Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287115		
198	98.1	77.2	115.8	
97	53.5	44.4	66.6	
132	28.7	23.2	34.8	

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#45

1,1'-Biphenyl

Concen: 35.70 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

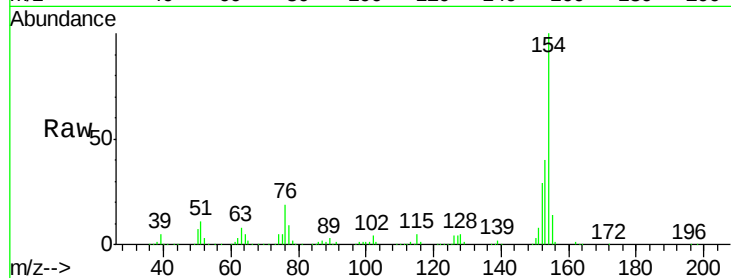
ClientSampleId :

ICVBF113015

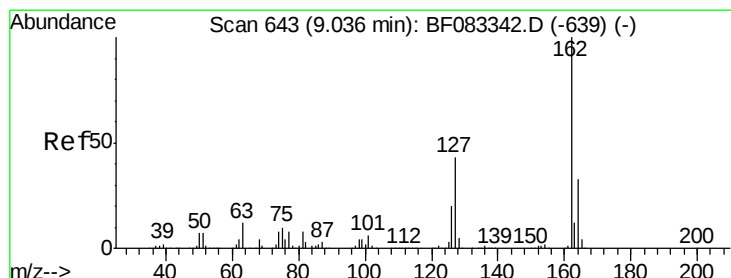
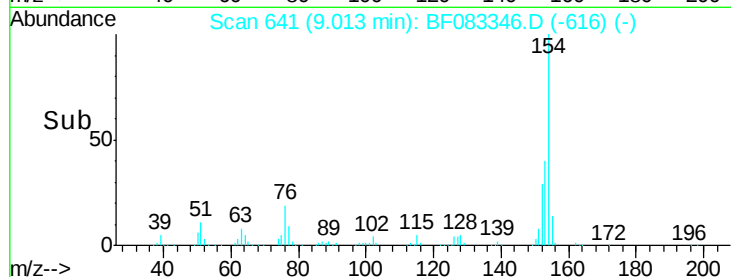
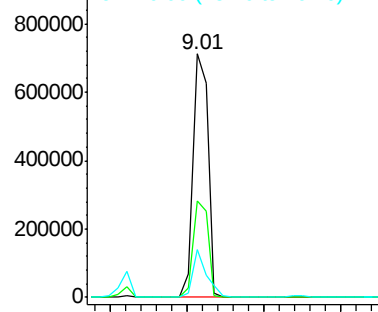
Tgt Ion:	154	Resp:	978520
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.6	60.6
76	19.5	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 38.06 ng

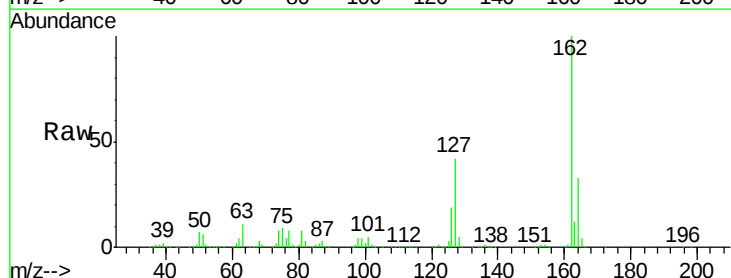
RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

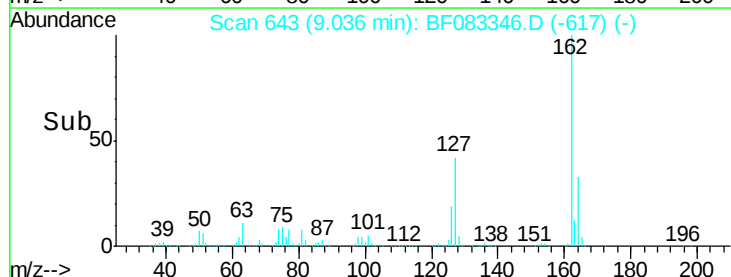
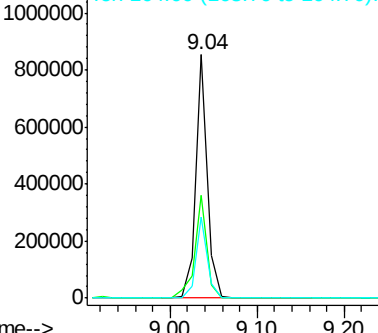
Lab File: BF083346.D

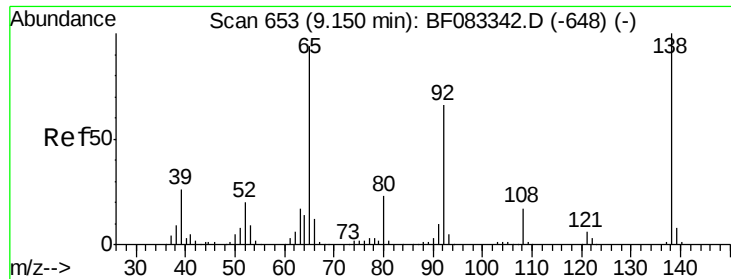
Acq: 30 Nov 2015 21:08

Tgt Ion:	162	Resp:	795079
Ion Ratio	Lower	Upper	
162	100		
127	42.1	34.1	51.1
164	33.5	26.6	39.8



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





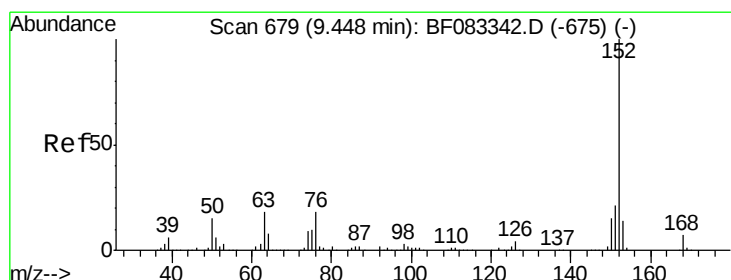
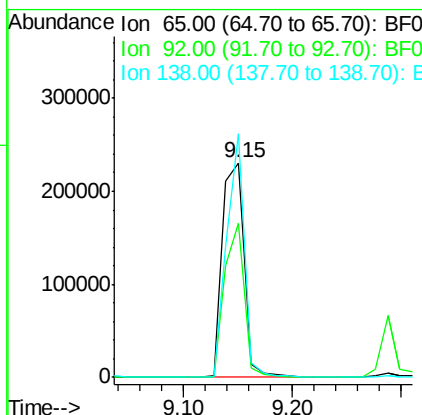
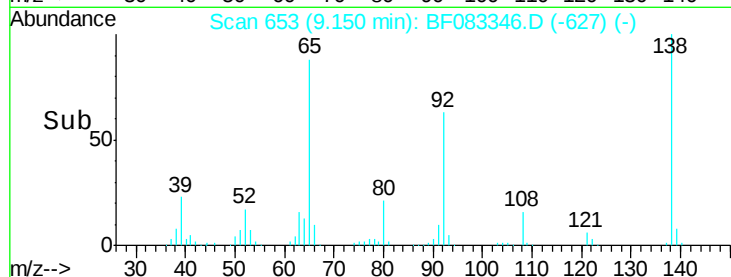
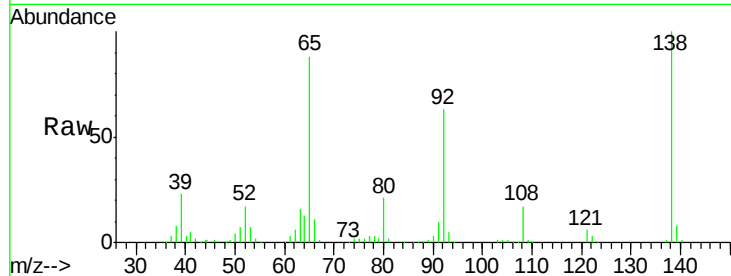
#47
 2-Nitroaniline
 Concen: 38.76 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	56.2	84.4
138	113.5	85.4	128.0

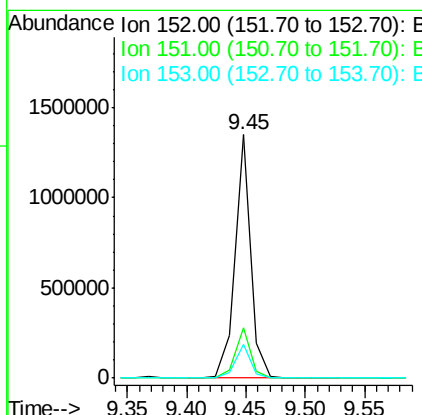
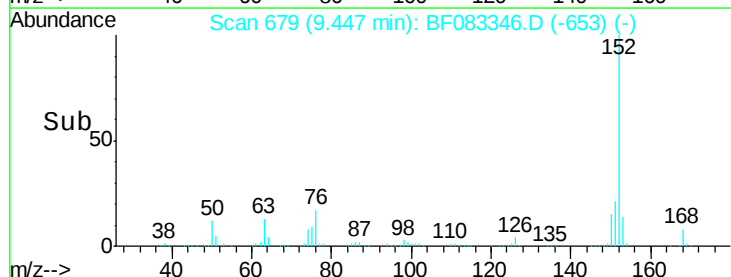
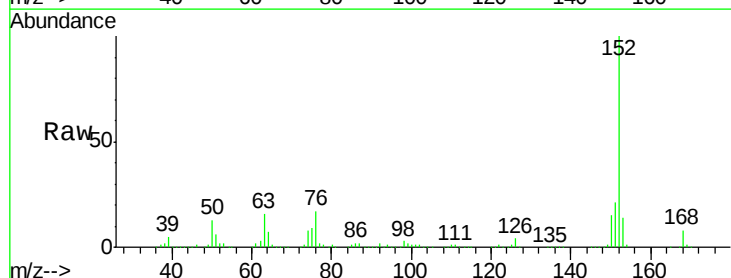
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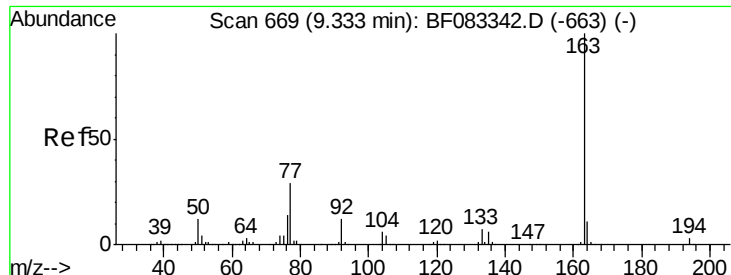
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#48
 Acenaphthylene
 Concen: 37.08 ng
 RT: 9.45 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	13.8	11.2	16.8





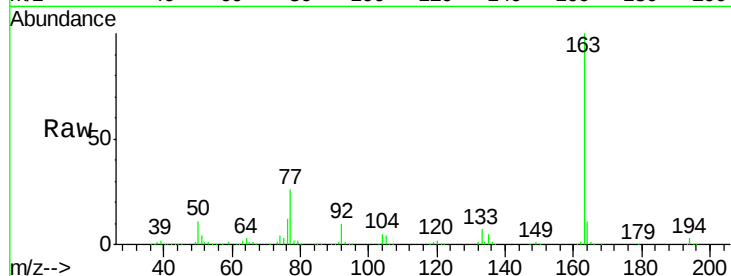
#49
Dimethylphthalate
Concen: 35.85 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

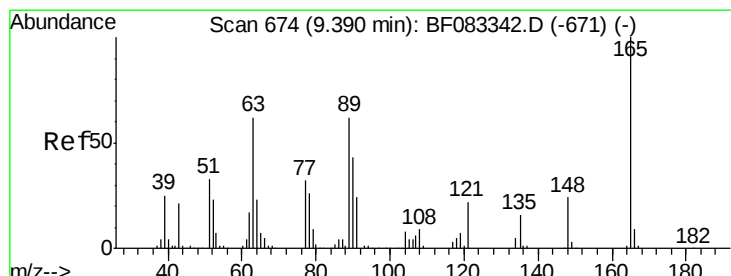
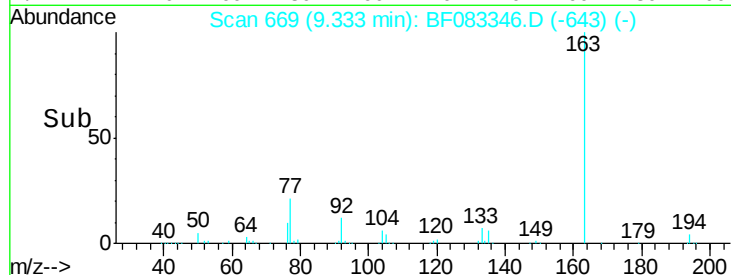
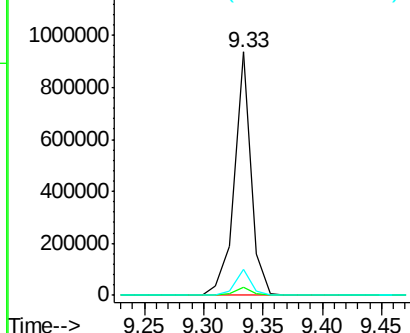
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	910647		
194	3.3	2.7	4.1	
164	10.6	8.8	13.2	

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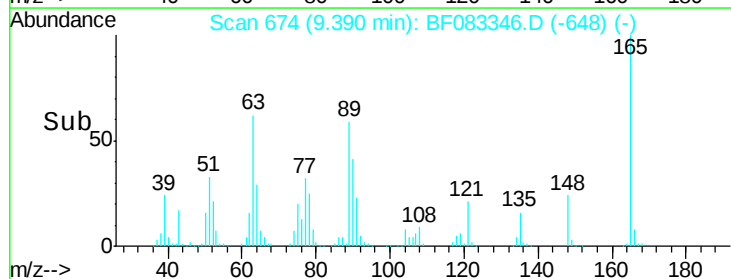
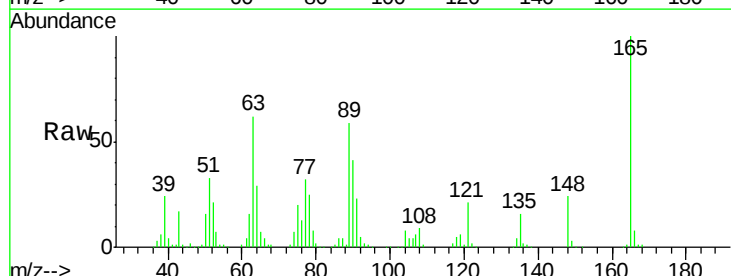
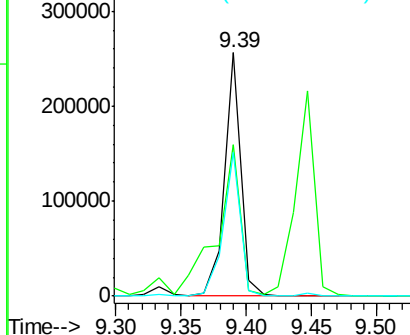
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

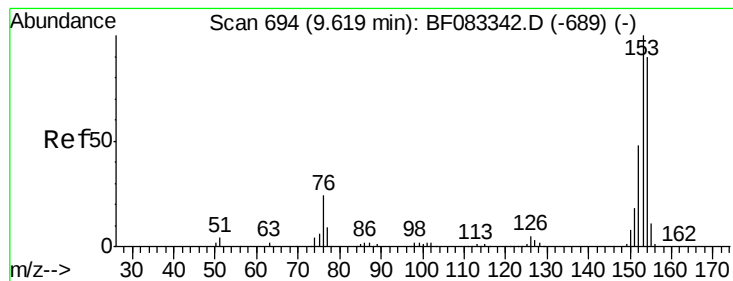


#50
2,6-Dinitrotoluene
Concen: 41.13 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	223106		
63	62.0	56.0	84.0	
89	59.2	49.8	74.8	

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





#51

Acenaphthene

Concen: 37.22 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083346.D

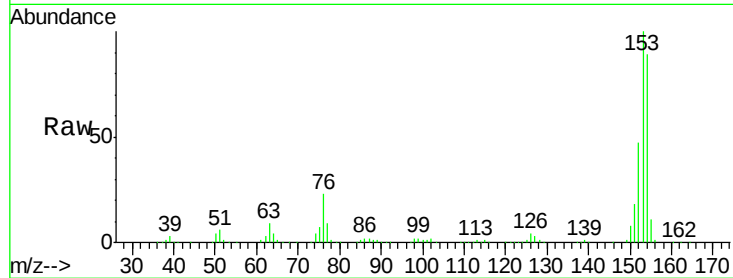
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

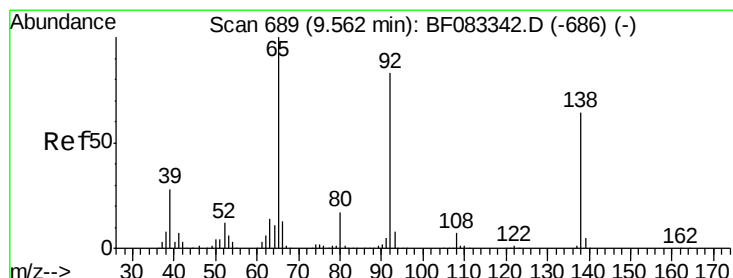
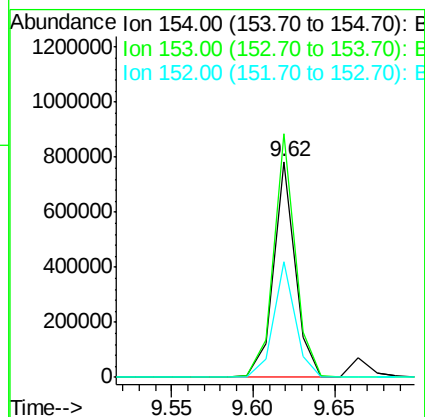
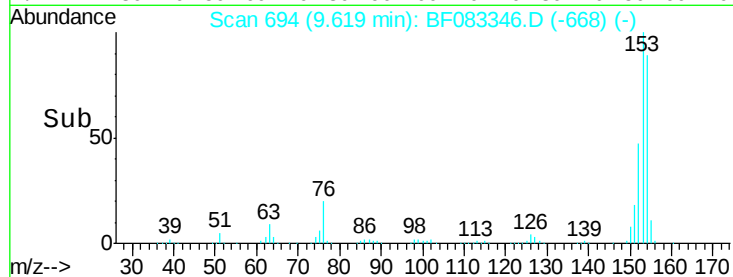
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.3	133.9
152	53.4	42.5	63.7

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#52

3-Nitroaniline

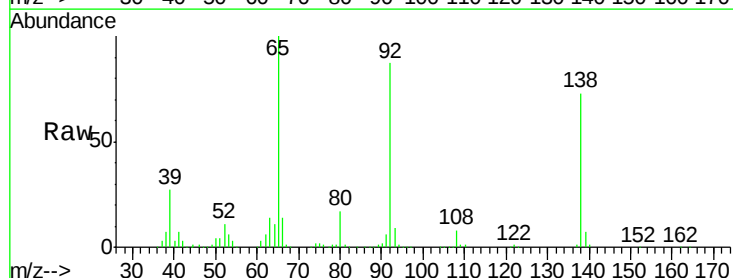
Concen: 42.07 ng

RT: 9.56 min Scan# 689

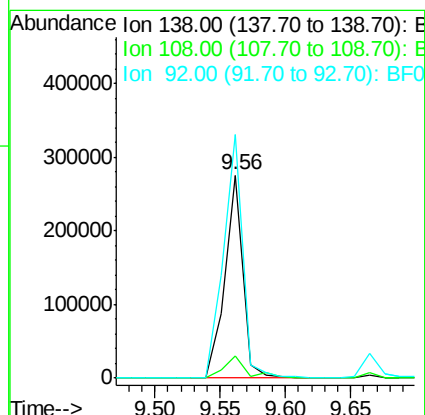
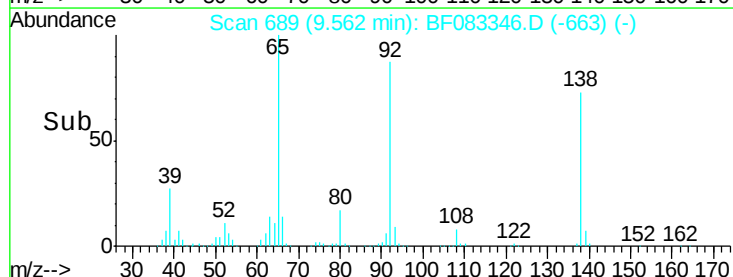
Delta R.T. -0.00 min

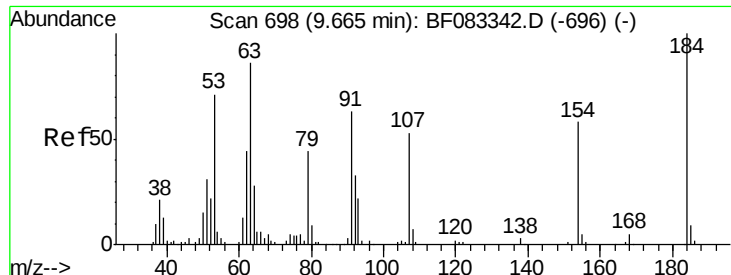
Lab File: BF083346.D

Acq: 30 Nov 2015 21:08



Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.4	12.6
92	119.8	104.2	156.4





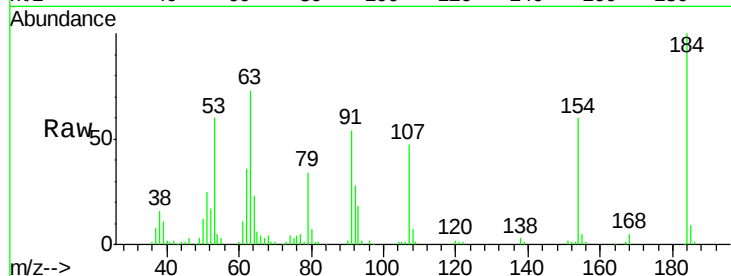
#53
 2,4-Dinitrophenol
 Concen: 40.92 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

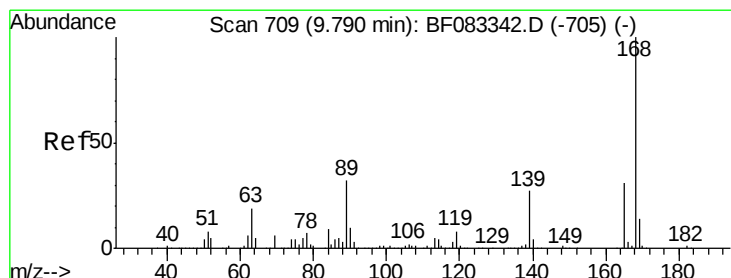
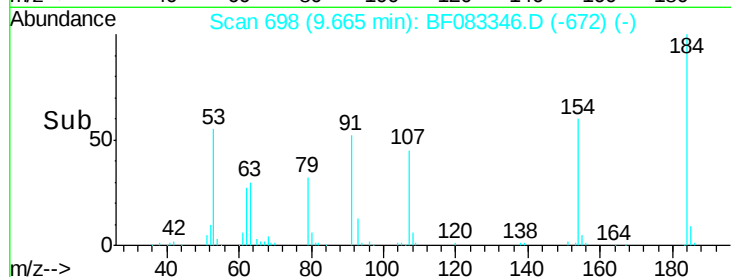
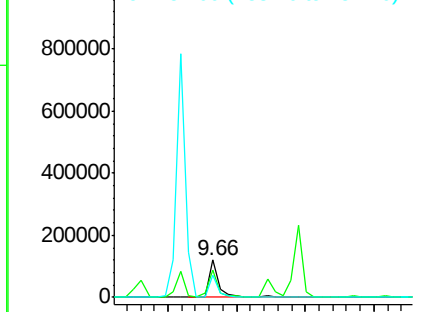
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	121062		
63	72.7	69.0	103.6	
154	59.8	50.0	75.0	

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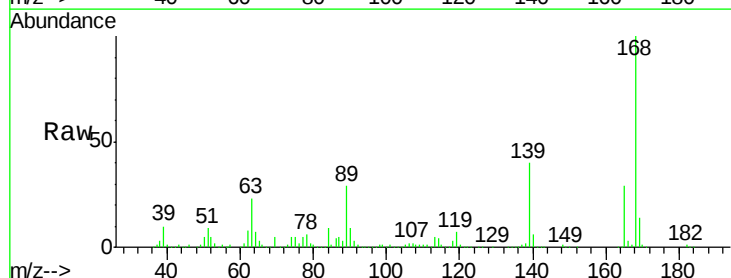


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

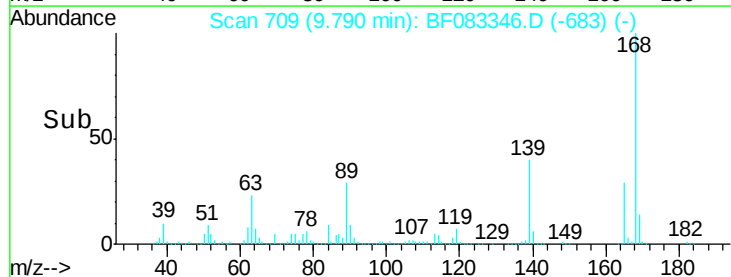
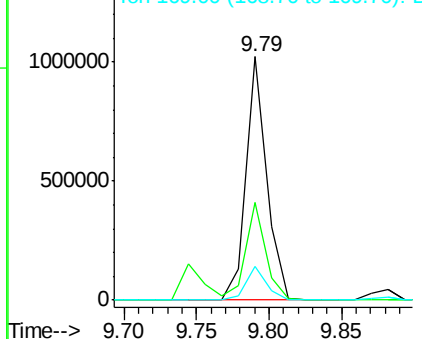


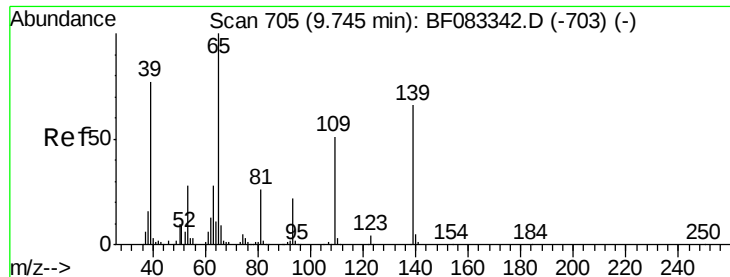
#54
 Dibenzofuran
 Concen: 35.18 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1010488		
139	39.9	32.7	49.1	
169	14.1	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





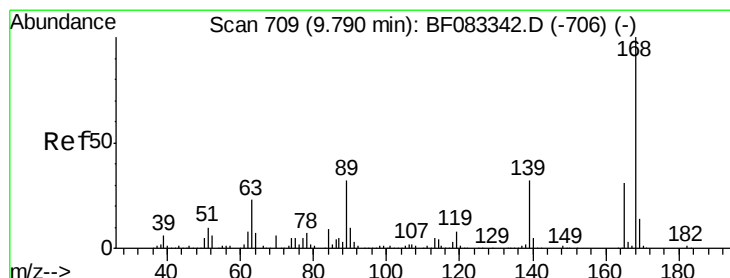
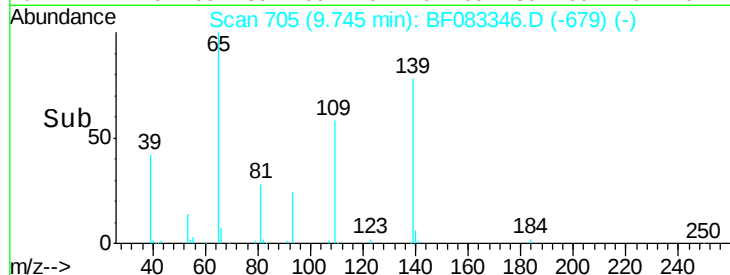
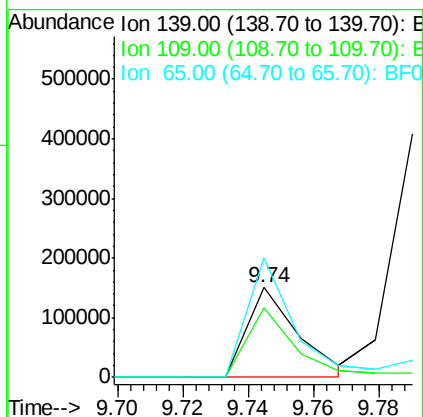
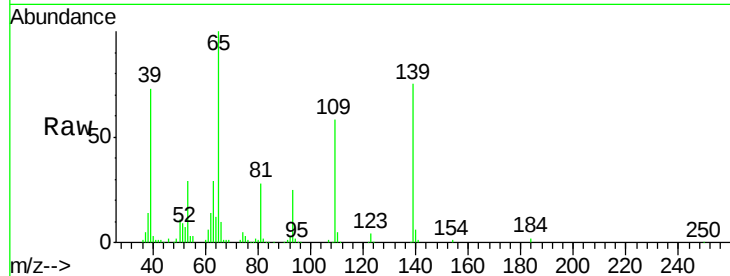
#55
4-Nitrophenol
Concen: 40.51 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	161124		
109	76.9	57.4	97.4	
65	133.3	131.6	171.6	

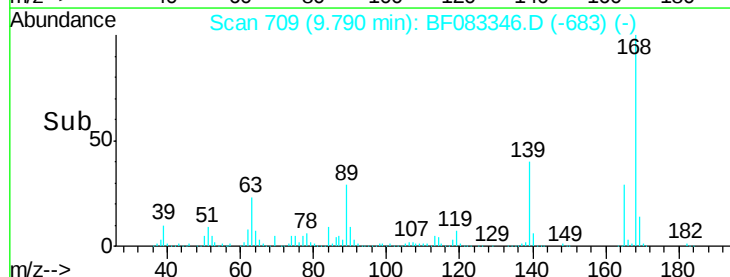
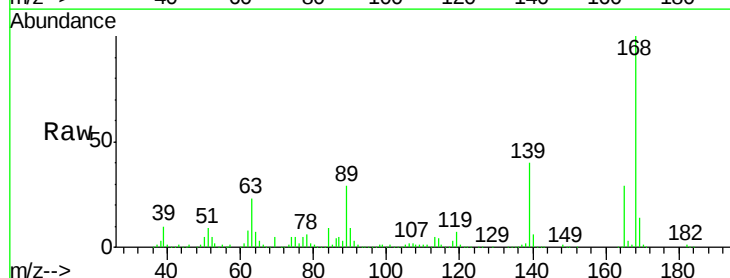
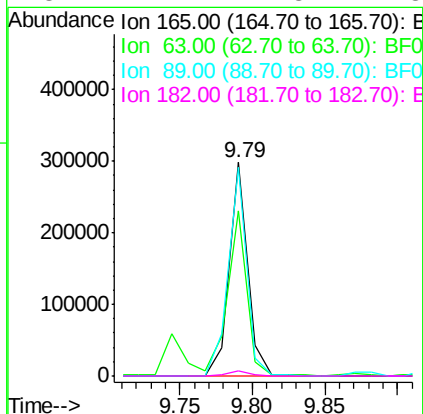
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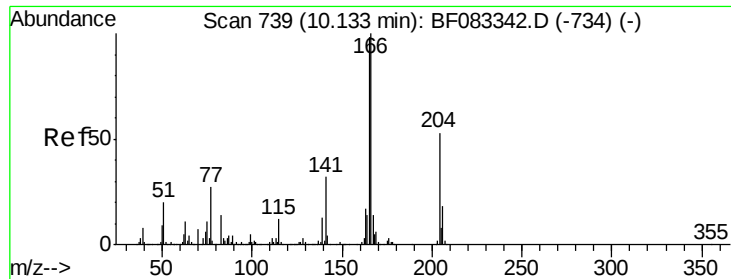
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#56
2,4-Dinitrotoluene
Concen: 38.40 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264340		
63	77.6	65.4	98.0	
89	97.8	81.2	121.8	
182	2.2	1.8	2.8	





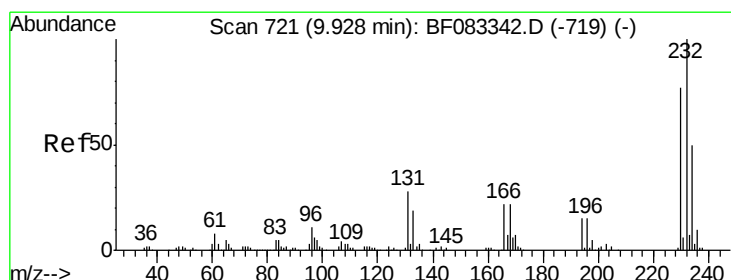
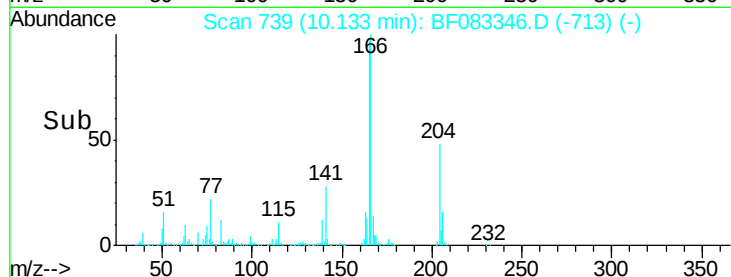
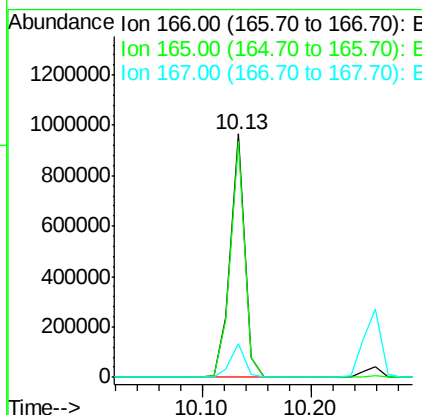
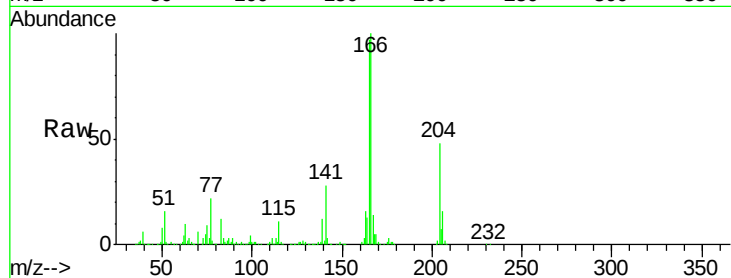
#57
 Fluorene
 Concen: 39.19 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	888858		
165	97.1	78.3	117.5	
167	13.9	11.1	16.7	

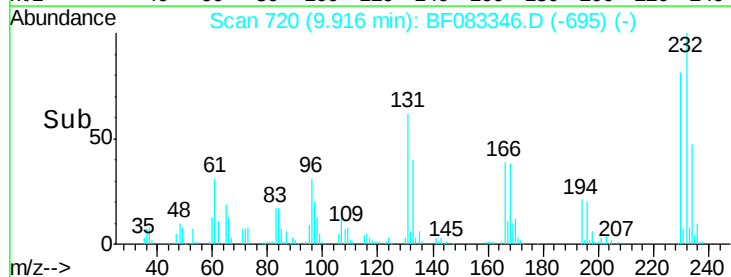
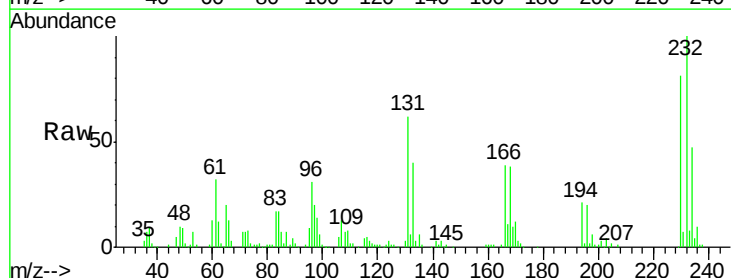
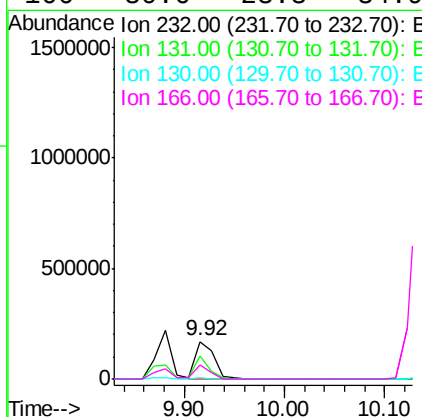
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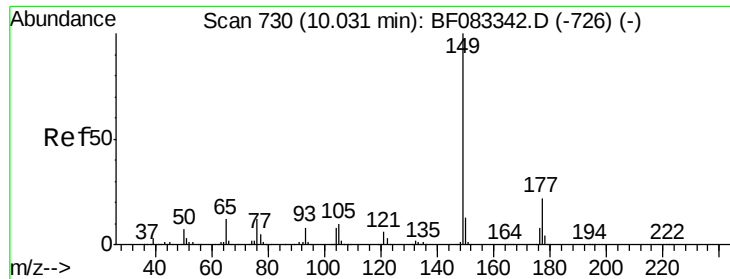
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.27 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	216569		
131	48.8	35.4	53.2	
130	2.1	1.7	2.5	
166	30.6	23.3	34.9	





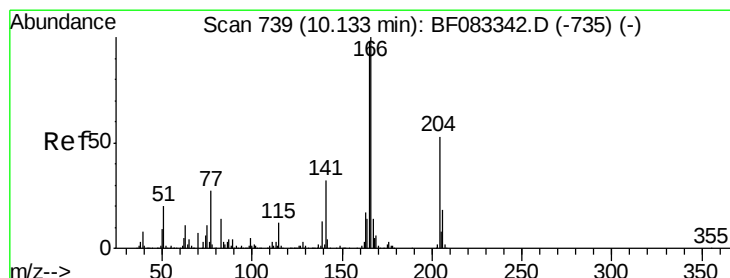
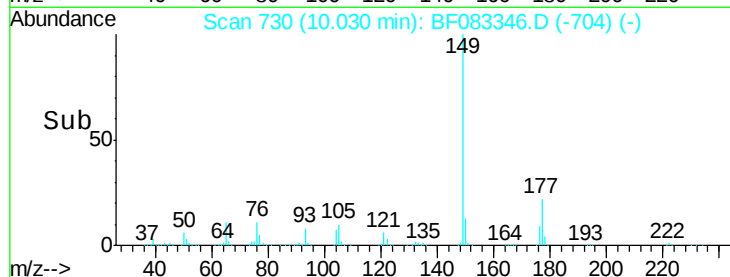
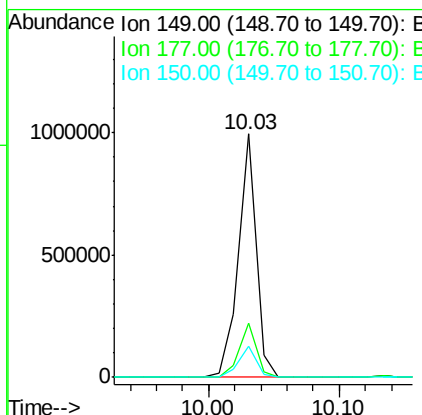
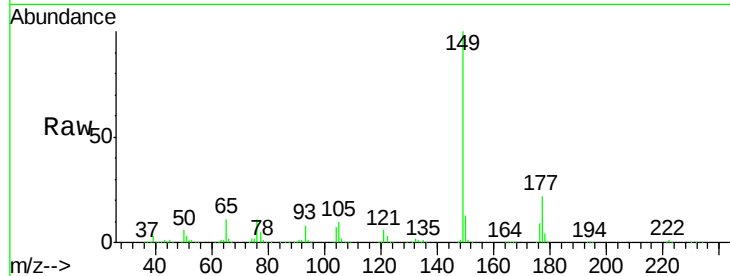
#59
Diethylphthalate
Concen: 38.78 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	938949		
177	22.3	17.4	26.2	
150	12.9	10.4	15.6	

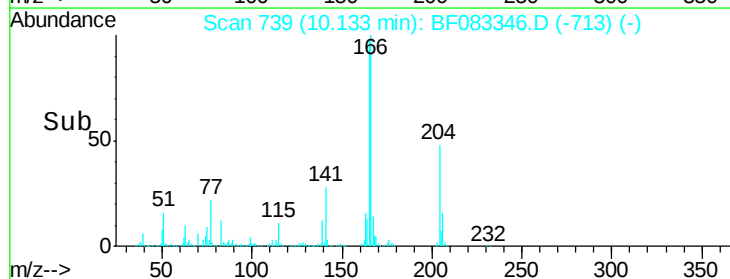
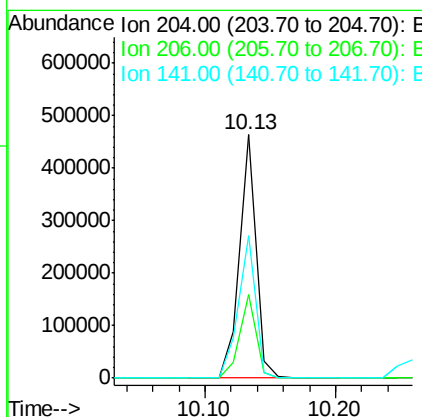
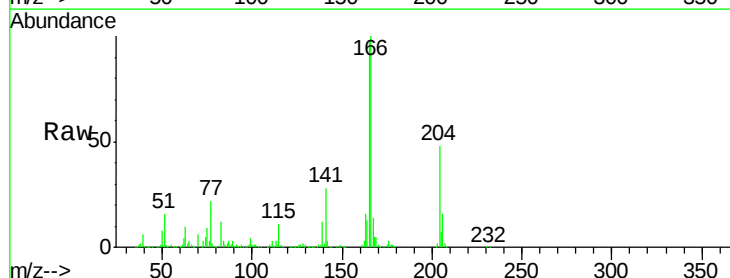
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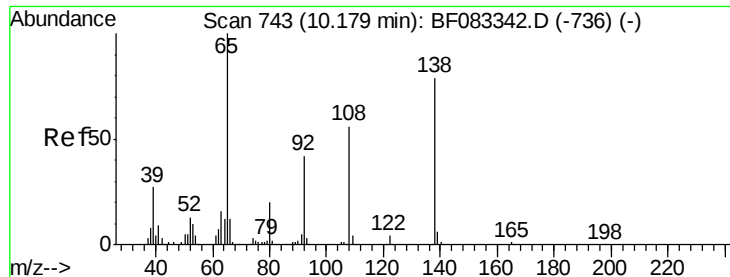
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 38.82 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	404532		
206	34.2	27.5	41.3	
141	58.6	48.1	72.1	





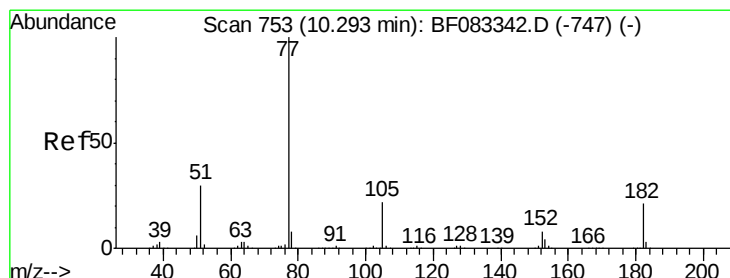
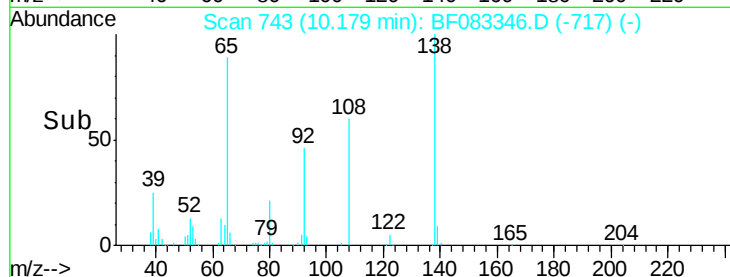
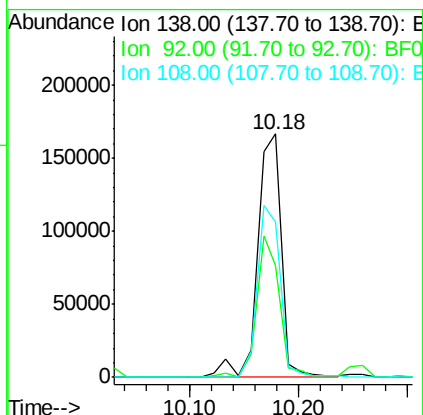
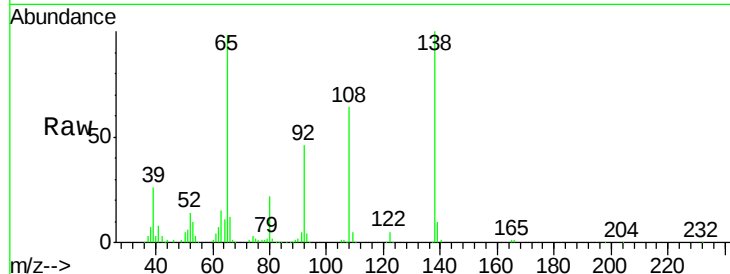
#61
4-Nitroaniline
Concen: 40.30 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	33.6	73.6
108	63.8	51.0	91.0

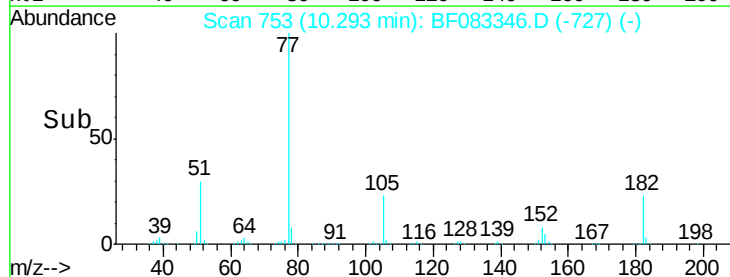
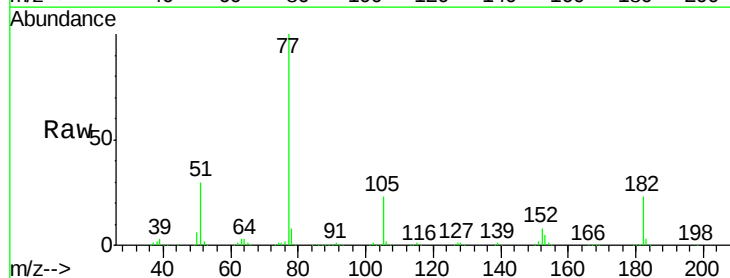
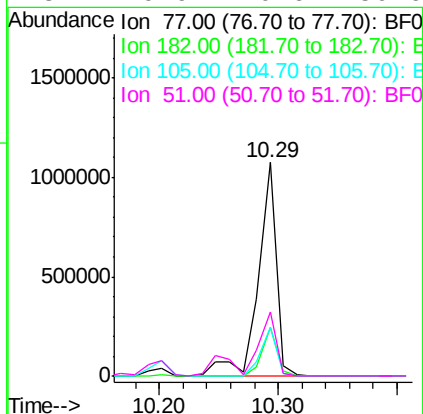
Manual Integrations
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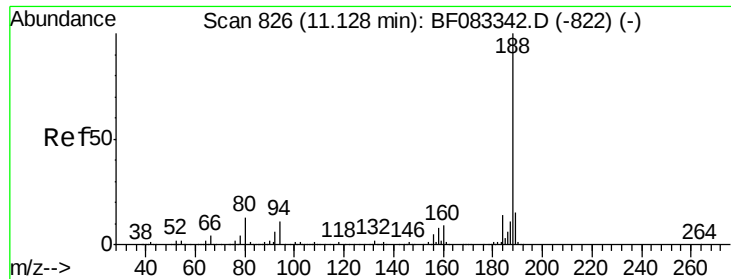
Mmdadoda
12/1/2015 6:34:57 PM



#62
Azobenzene
Concen: 39.58 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.8	40.8
105	23.0	2.3	42.3
51	29.9	10.6	50.6





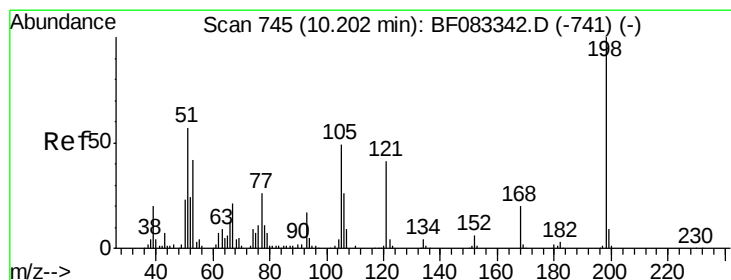
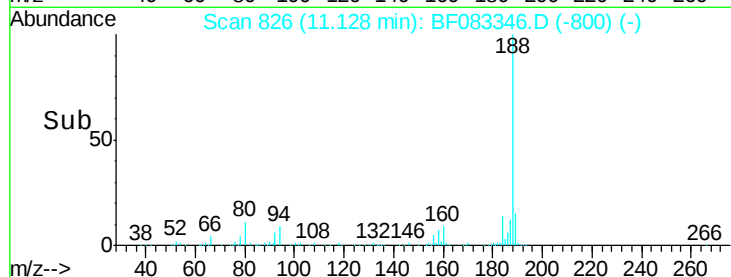
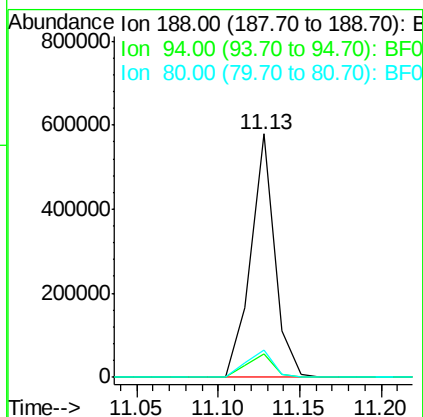
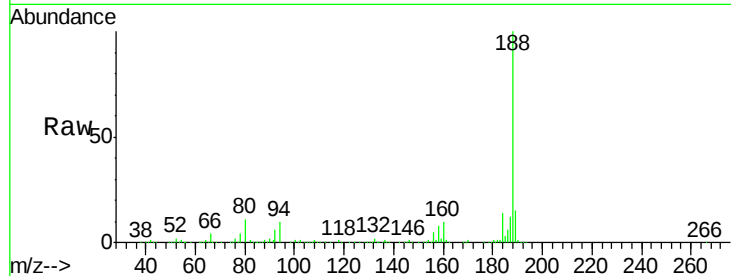
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.7	13.1
80	11.4	10.3	15.5

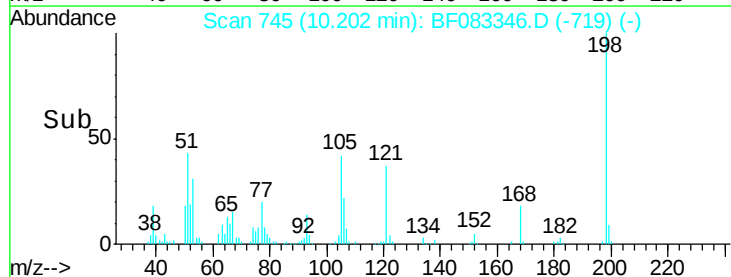
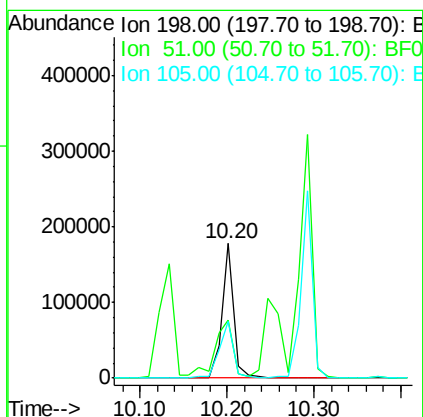
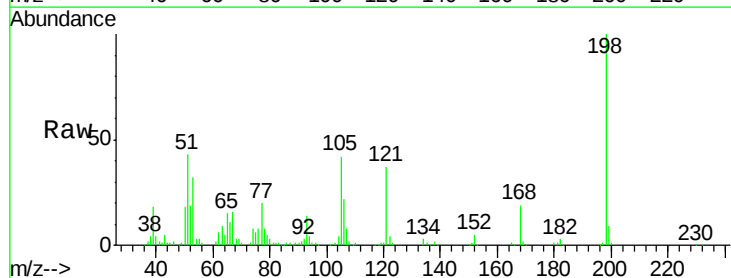
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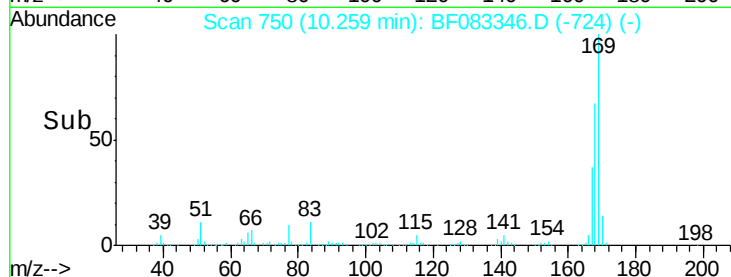
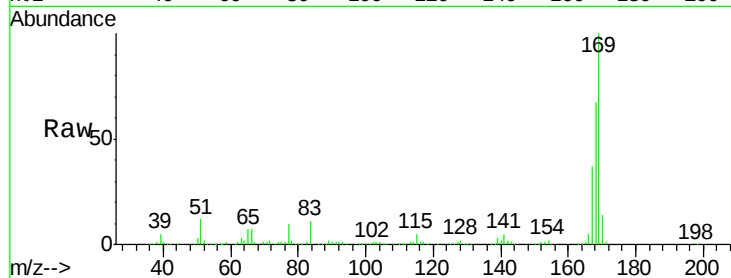
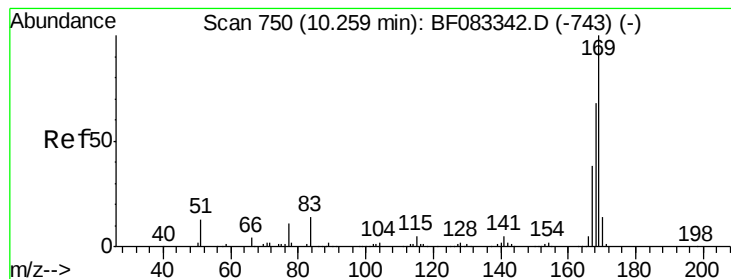
Mmdadoda
12/1/2015 6:34:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.83 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.2	38.3	78.3
105	42.4	29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 39.16 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	169	Resp:	816363
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.8	82.2
167	37.0	30.2	45.2

Instrument :

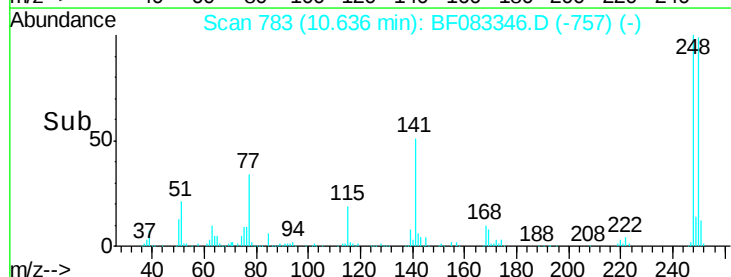
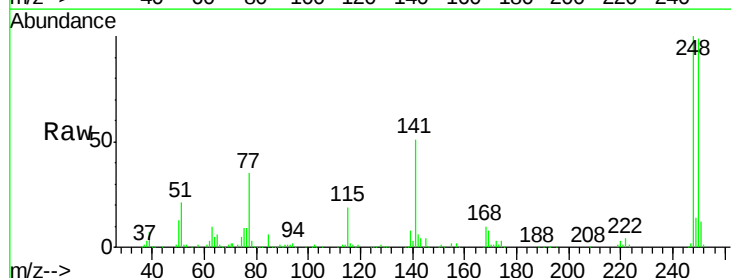
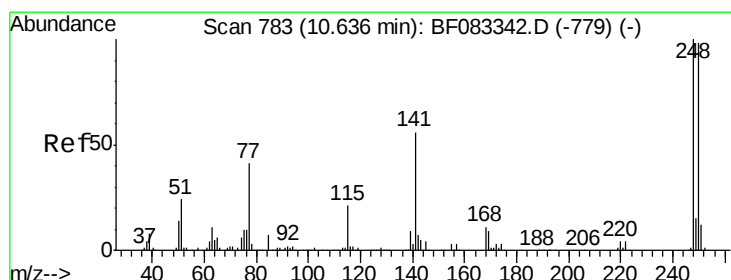
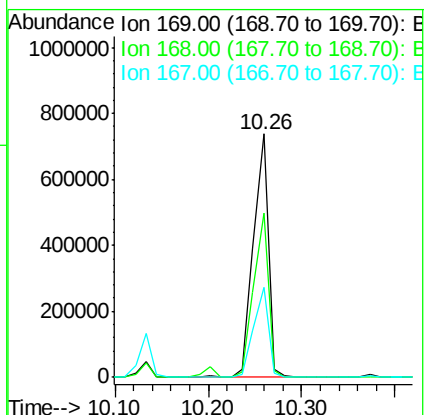
BNA_F

ClientSampleId :

ICVBF113015

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#66

4-Bromophenyl-phenylether

Concen: 38.66 ng

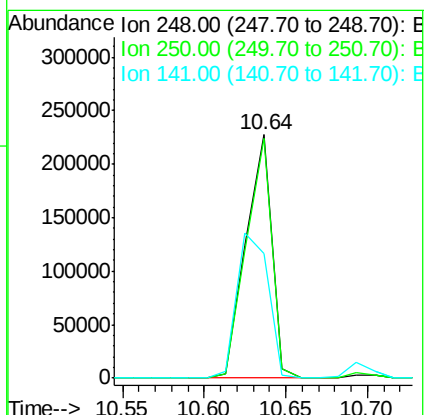
RT: 10.64 min Scan# 783

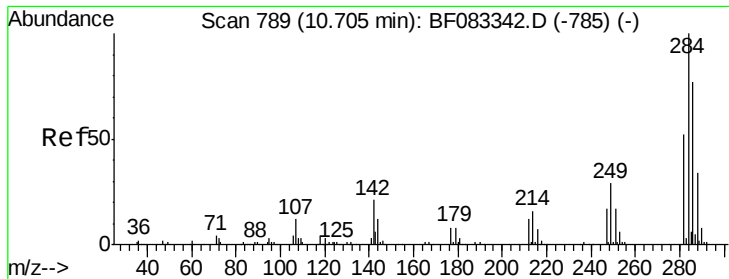
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	248	Resp:	250876
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.6	118.0
141	51.2	44.4	66.6





#67

Hexachlorobenzene

Concen: 37.53 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF083346.D

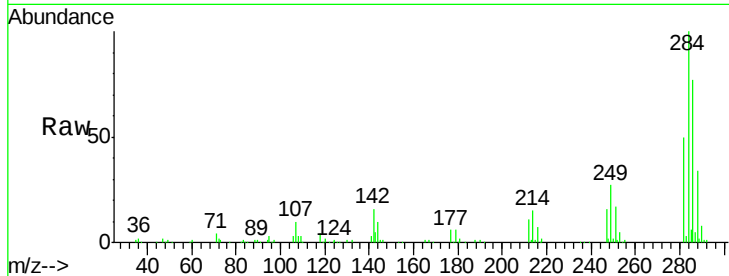
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

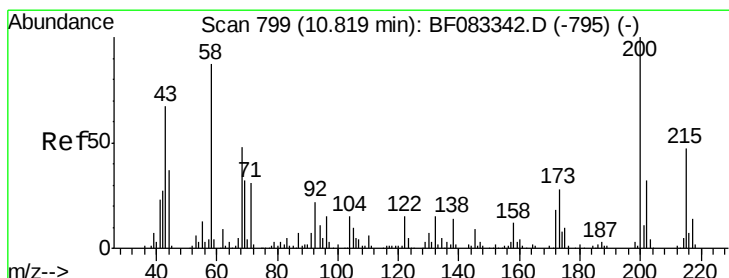
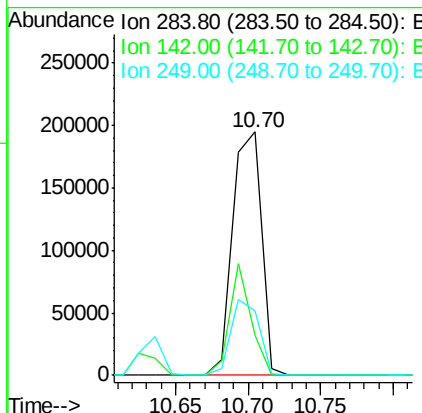
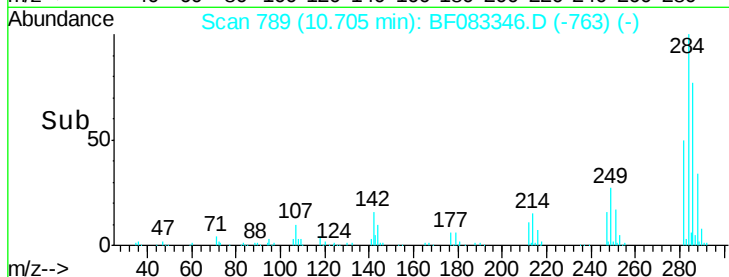
ICVBF113015



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	269312		
142	16.2	16.6	24.8#	
249	26.7	23.0	34.4	

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#68

Atrazine

Concen: 36.43 ng

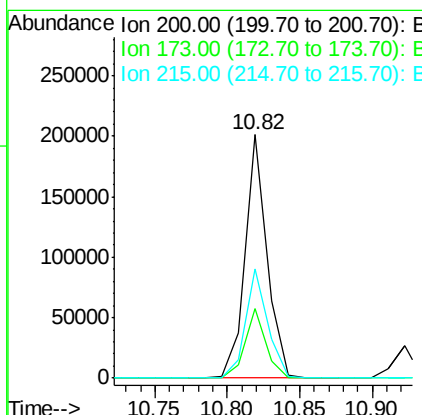
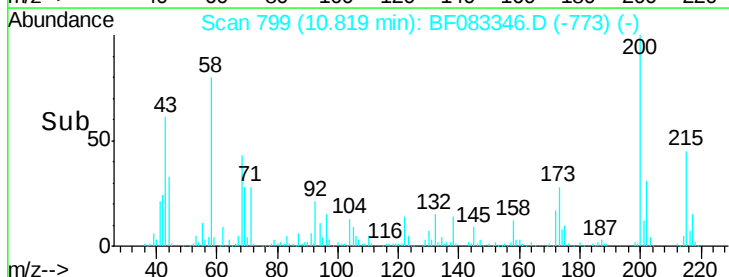
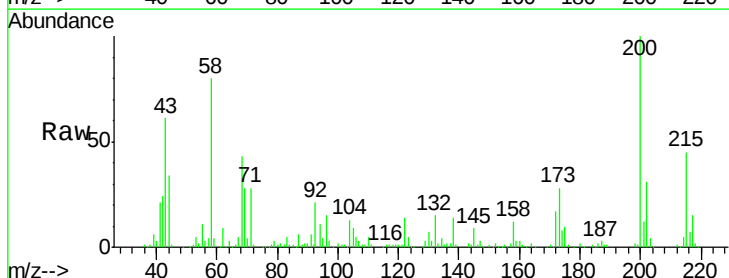
RT: 10.82 min Scan# 799

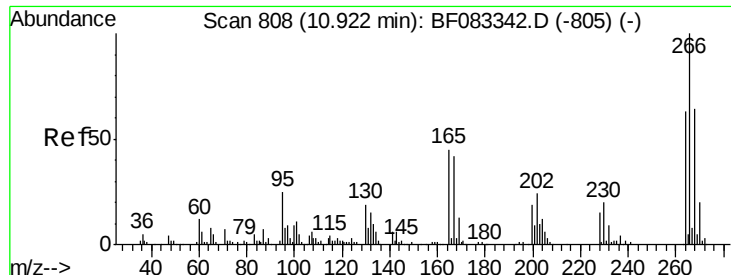
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210063		
173	28.4	8.3	48.3	
215	44.8	26.7	66.7	





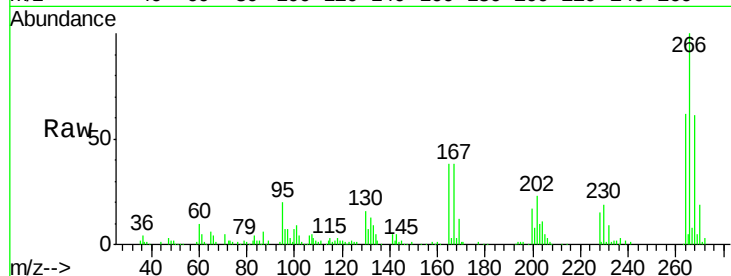
#69
 Pentachlorophenol
 Concen: 42.53 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

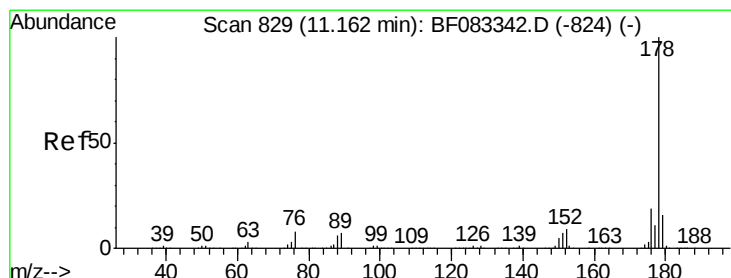
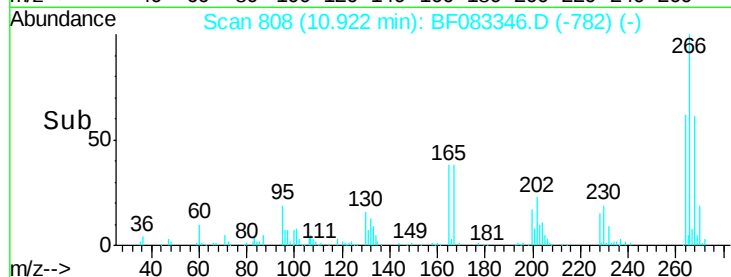
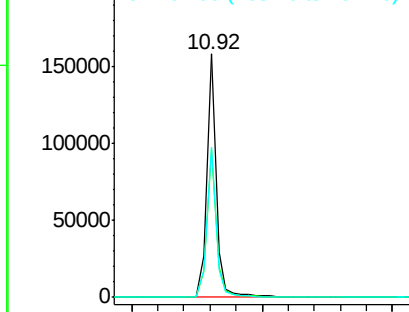
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159872		
268	60.7	51.5	77.3	
264	61.8	50.4	75.6	

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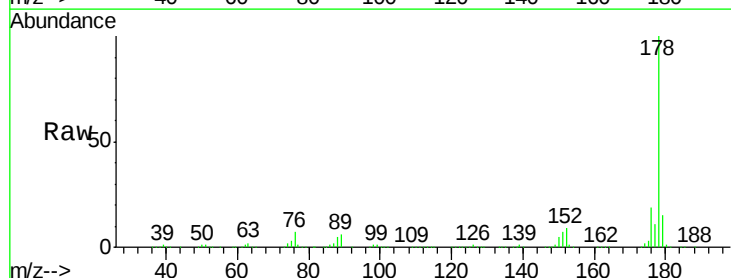


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

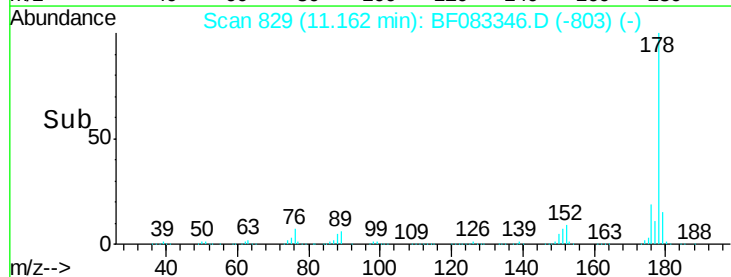
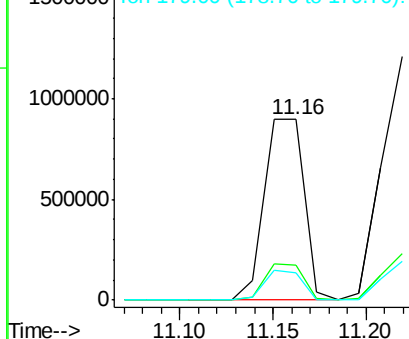


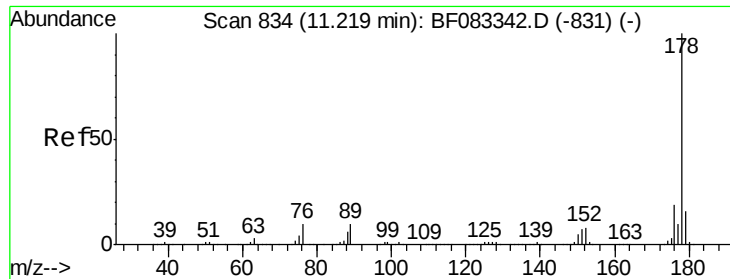
#70
 Phenanthrene
 Concen: 37.83 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1328034		
176	19.5	15.3	22.9	
179	15.2	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





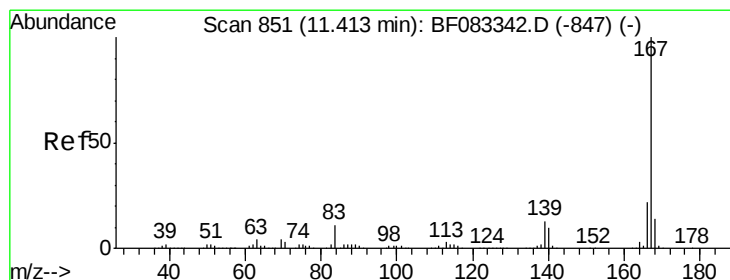
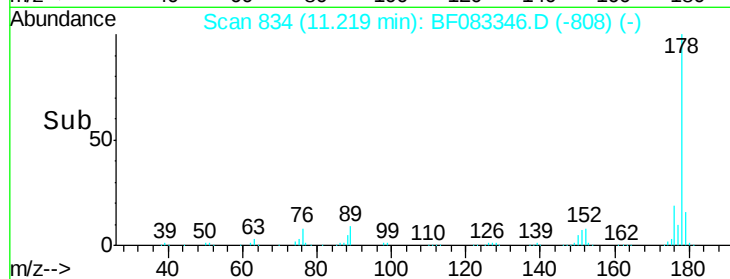
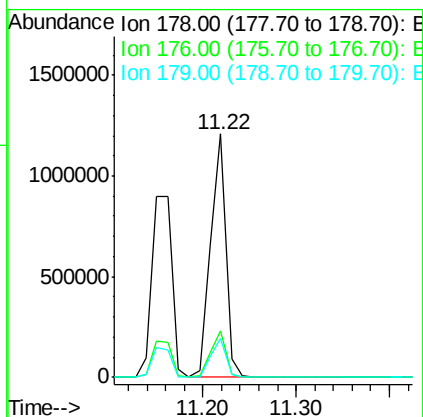
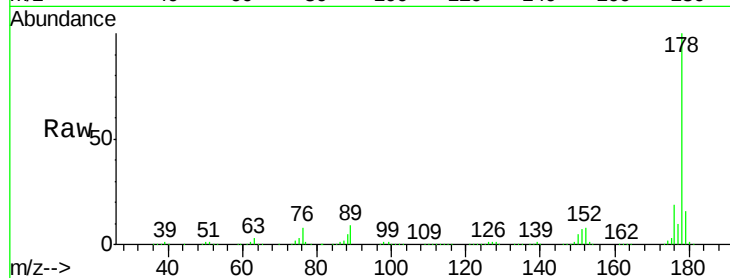
#71
 Anthracene
 Concen: 39.00 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion:178 Resp: 1378489
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.2 12.8 19.2

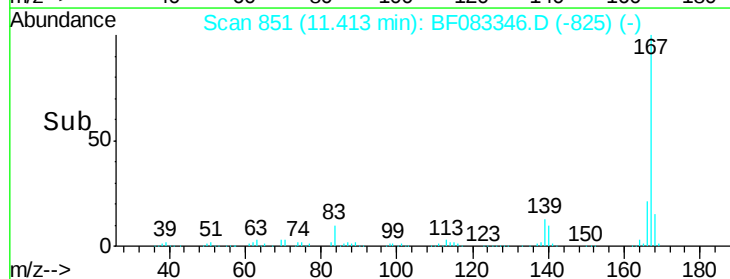
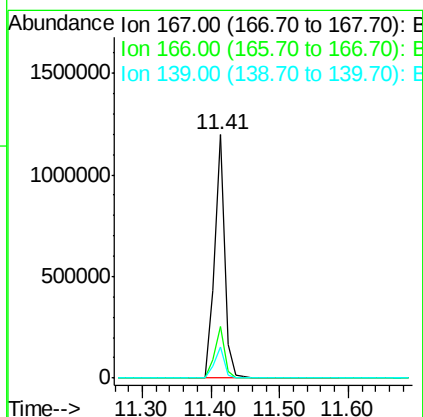
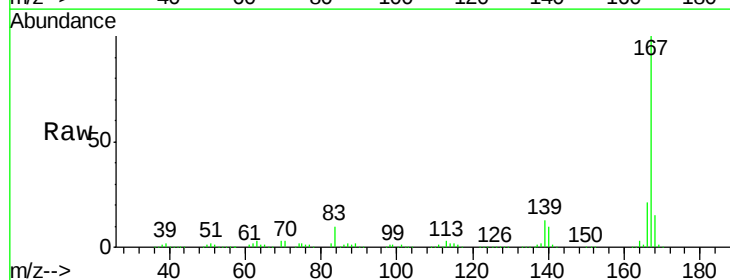
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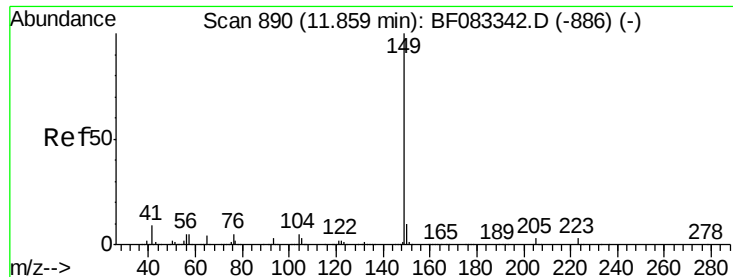
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#72
 Carbazole
 Concen: 39.69 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:167 Resp: 1260340
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.0 10.5 15.7





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

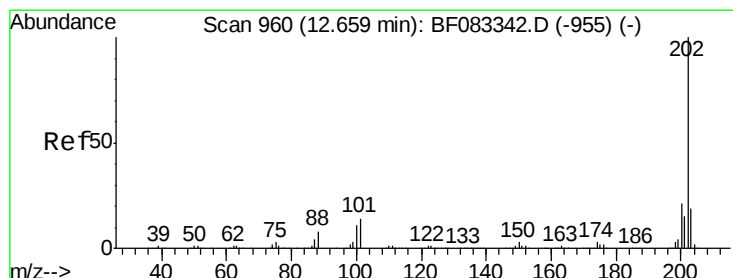
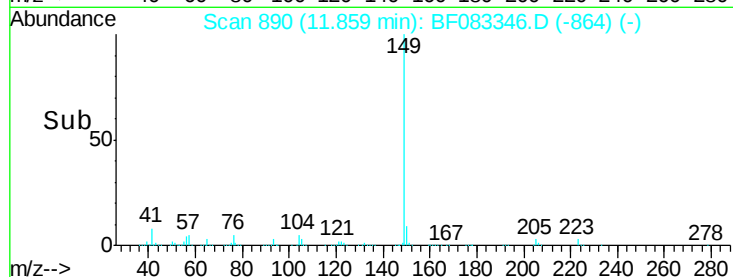
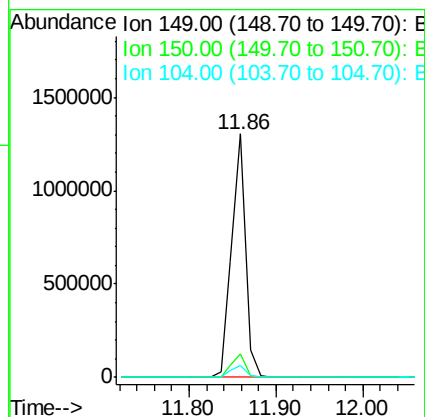
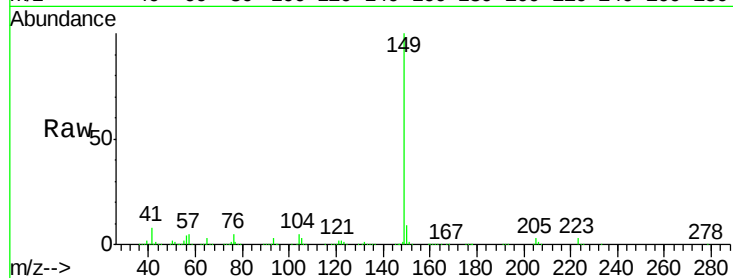
ClientSampleId :

ICVBF113015

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Tgt Ion:	149	Resp:	1450396
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.0	6.0



#74

Fluoranthene

Concen: 37.86 ng

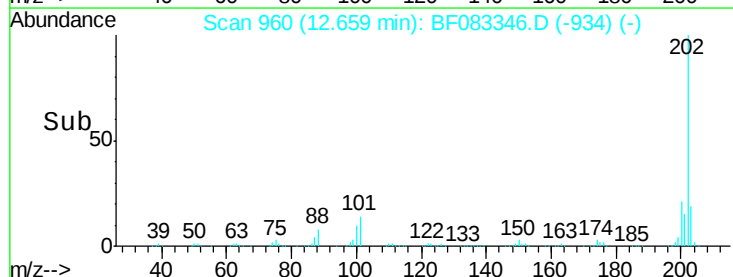
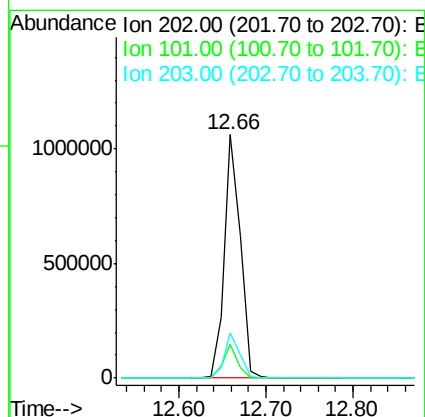
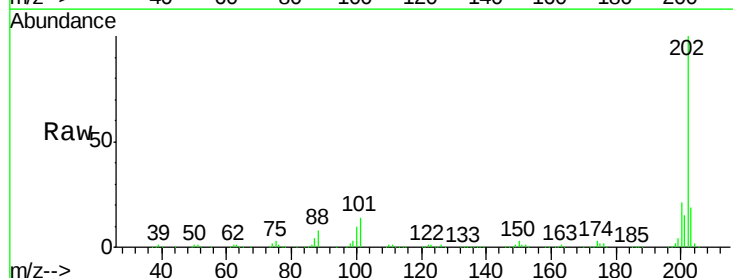
RT: 12.66 min Scan# 960

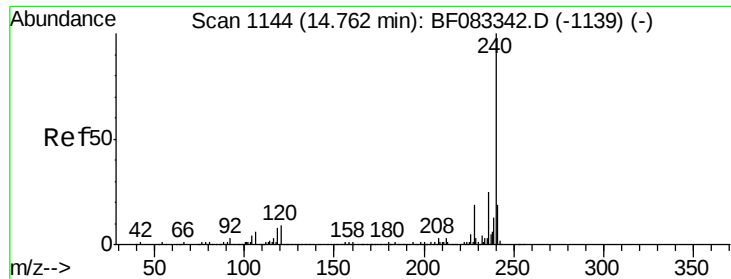
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	202	Resp:	1377693
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.5
203	18.7	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: BF083346.D

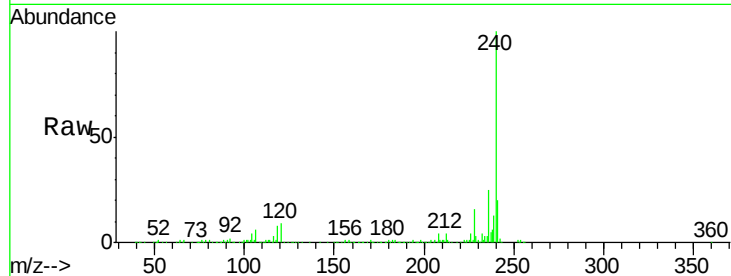
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

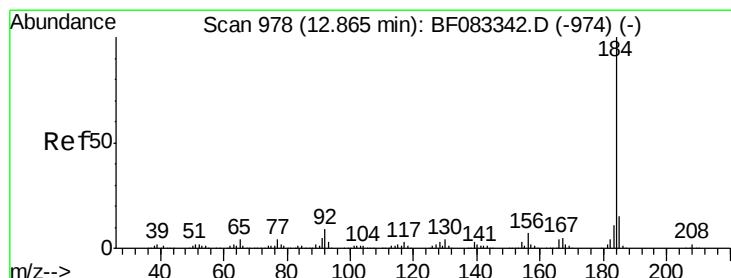
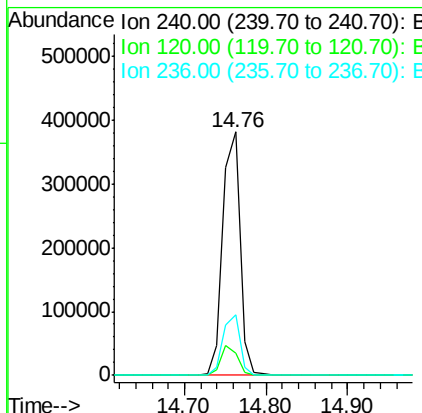
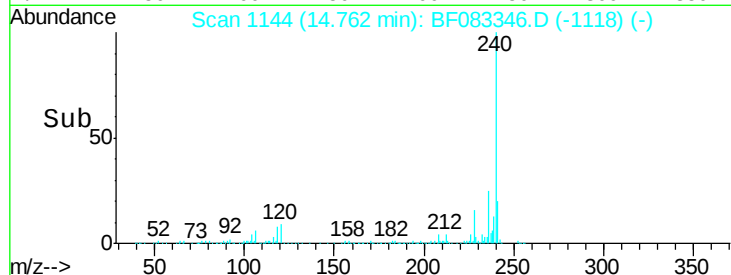
ICVBF113015



Tgt Ion:	240	Resp:	563562
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	25.1	19.8	29.6

Manual Integrations
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#76

Benzidine

Concen: 37.91 ng

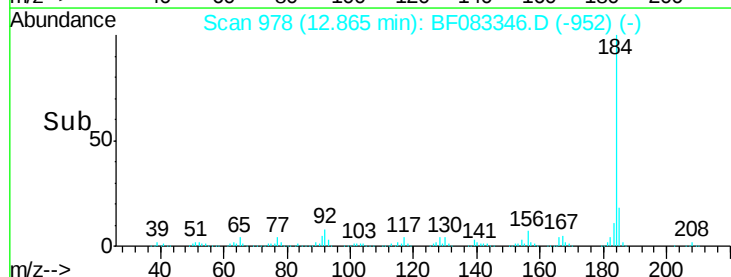
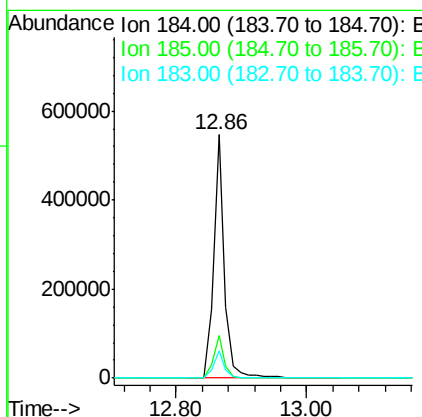
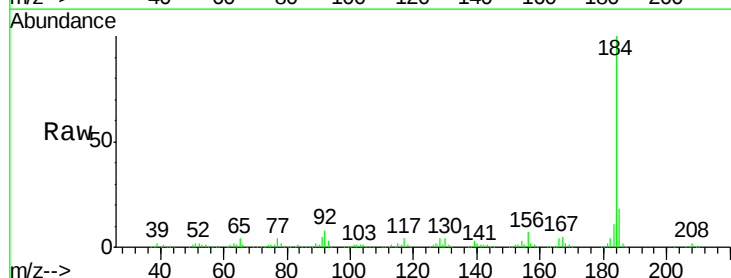
RT: 12.86 min Scan# 978

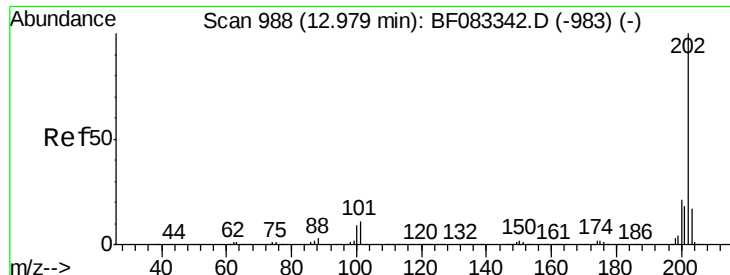
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	184	Resp:	636393
Ion Ratio	Lower	Upper	
184	100		
185	17.7	12.4	18.6
183	11.2	9.0	13.4





#77

Pyrene

Concen: 36.45 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion:202 Resp: 1434606

Ion Ratio Lower Upper

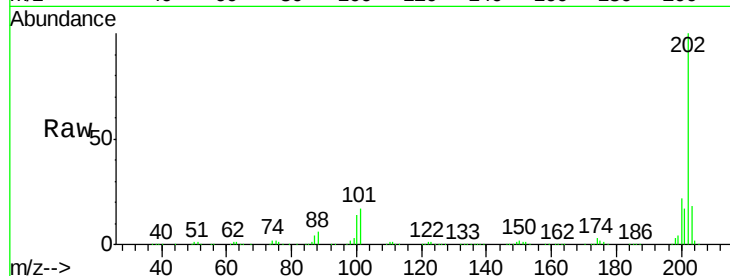
202 100

200 21.5 16.9 25.3

203 18.2 13.9 20.9

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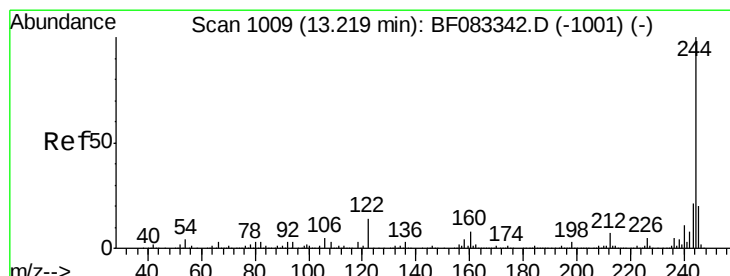
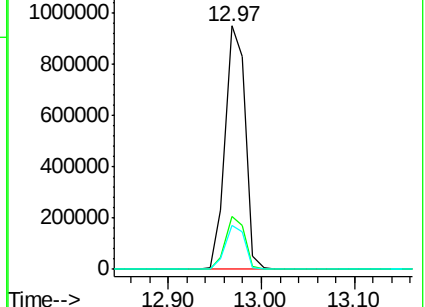
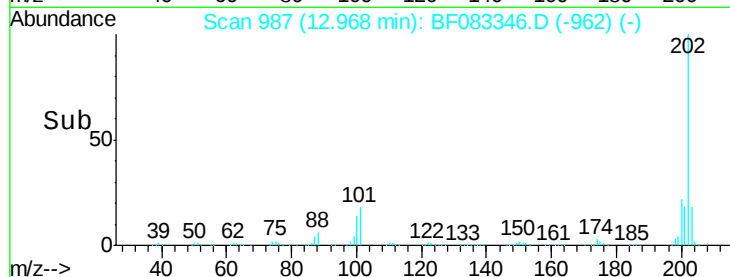
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.83 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

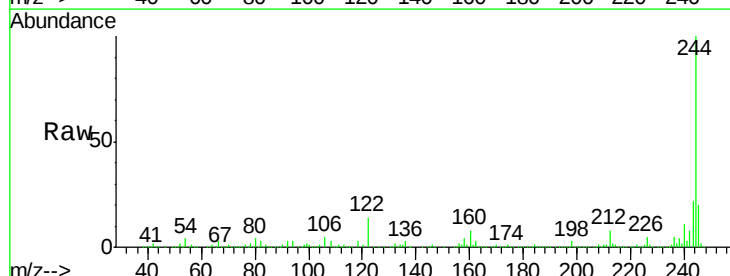
Tgt Ion:244 Resp: 1673771

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

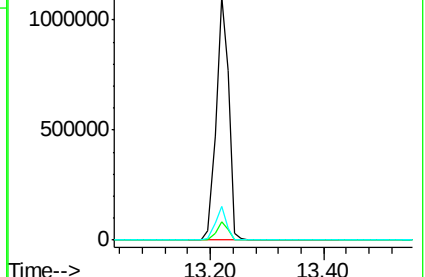
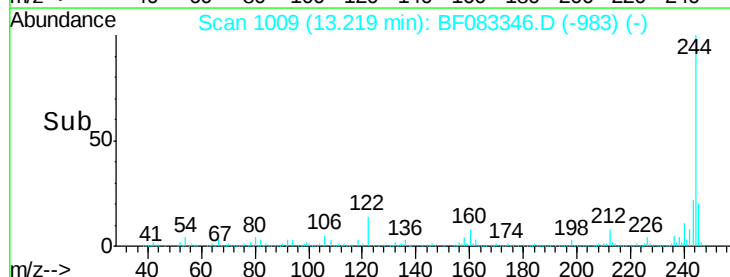
122 14.0 11.0 16.4

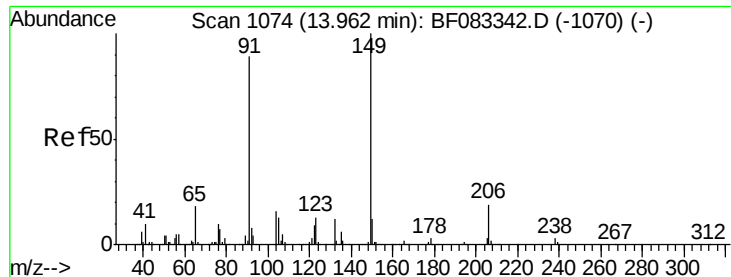


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.03 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083346.D

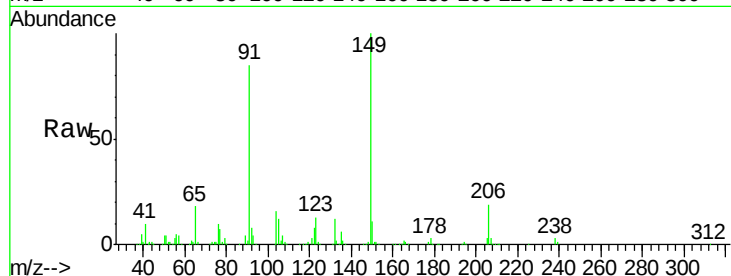
Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

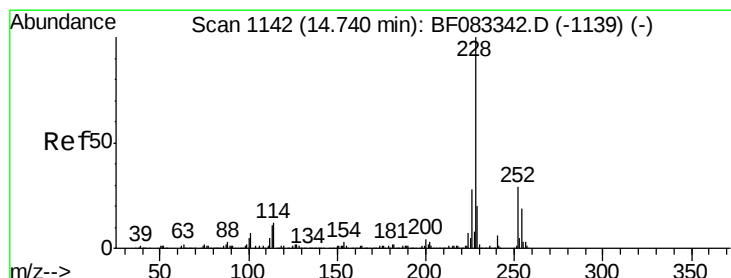
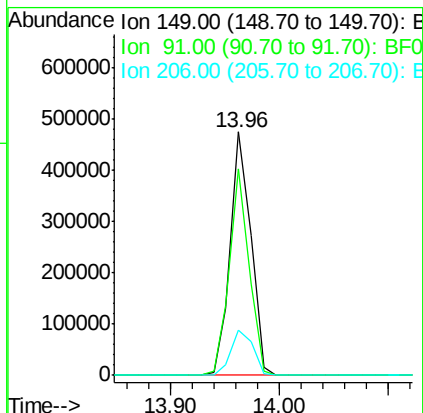
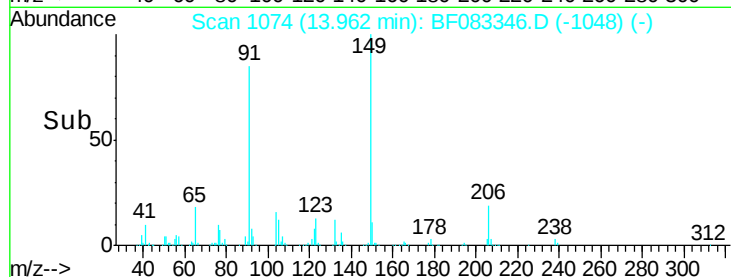
ICVBF113015



Tgt Ion:	149	Resp:	618193
Ion Ratio	Lower	Upper	
149	100		
91	84.7	71.4	107.2
206	18.5	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 37.56 ng

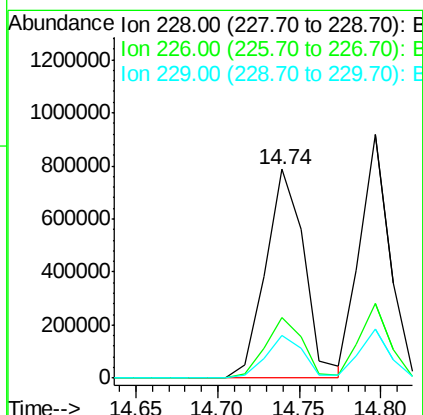
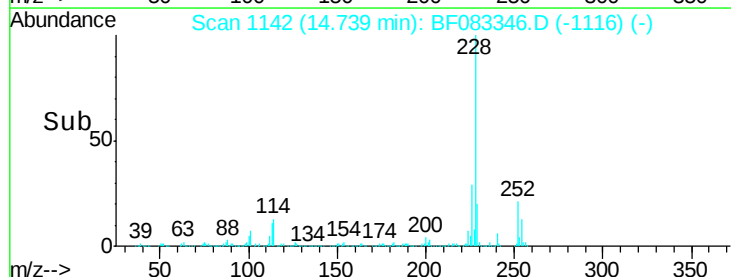
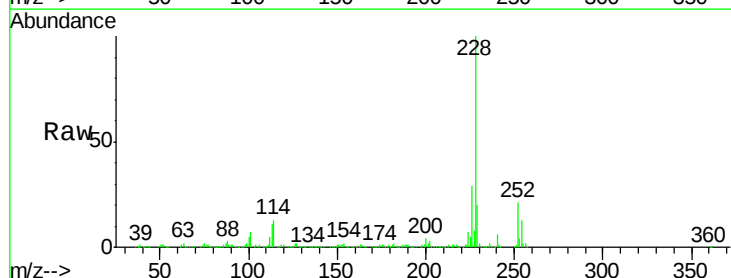
RT: 14.74 min Scan# 1142

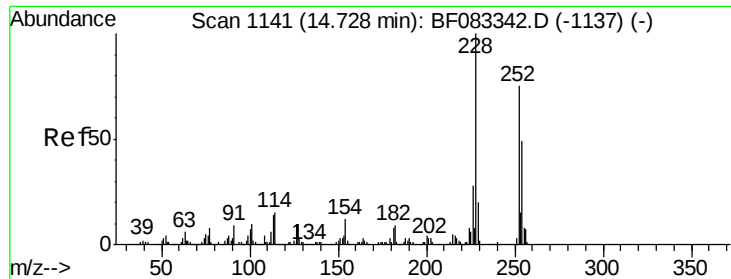
Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:	228	Resp:	1296838
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.2	33.4
229	20.5	16.1	24.1





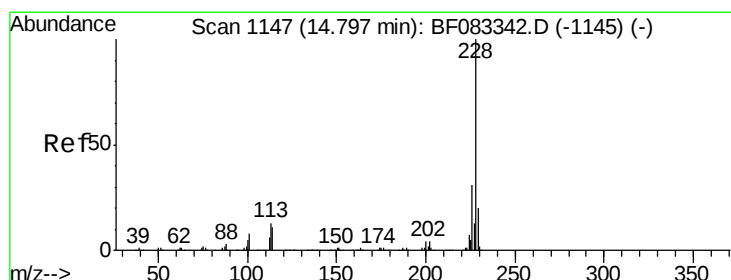
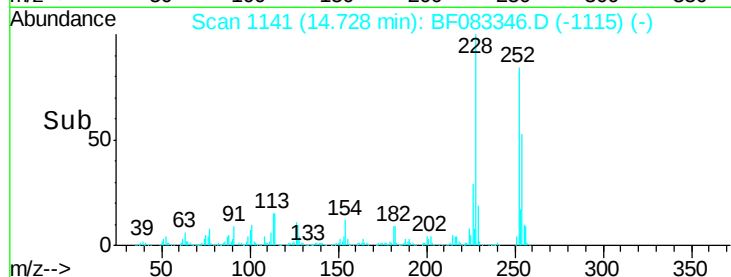
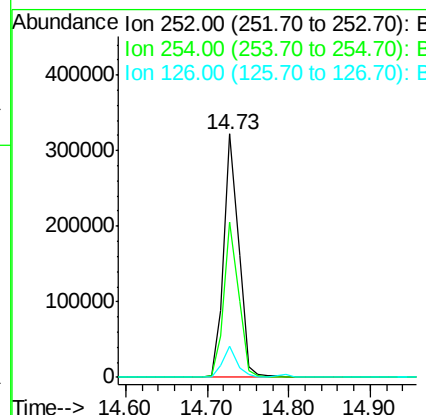
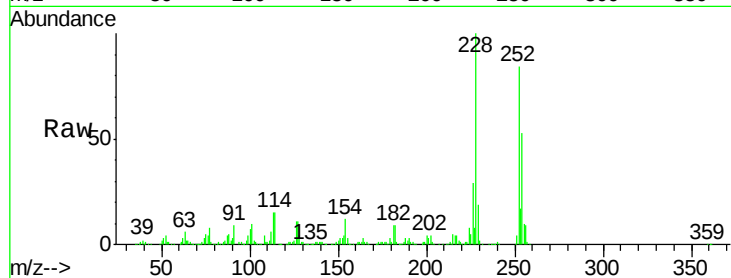
#81
 3,3'-Dichlorobenzidine
 Concen: 38.22 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	412225		
254	63.6	52.0	78.0	
126	13.0	10.7	16.1	

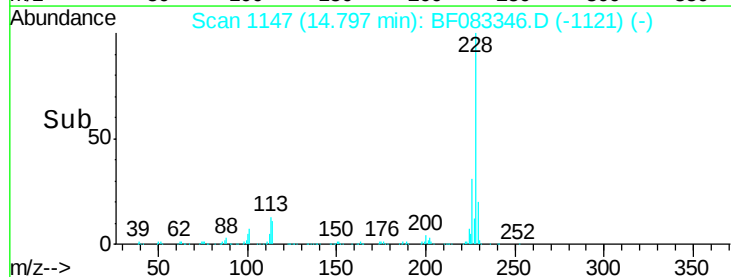
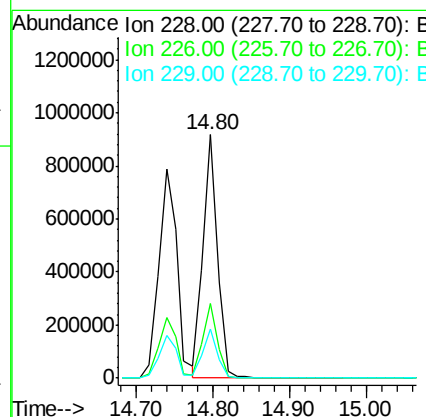
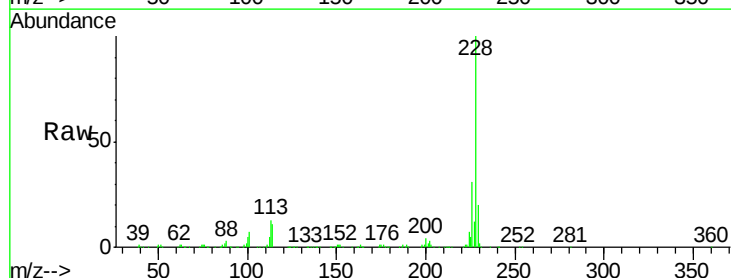
Manual Integrations
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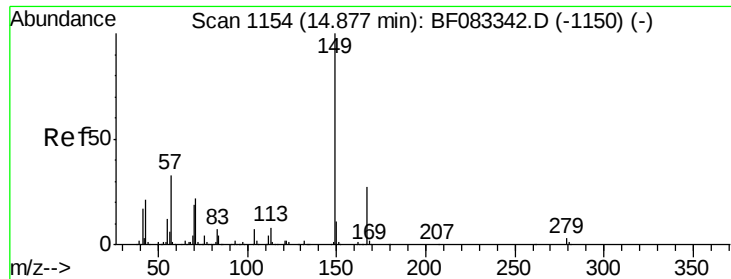
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#82
 Chrysene
 Concen: 35.61 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1187983		
226	30.5	24.6	37.0	
229	19.9	16.2	24.2	





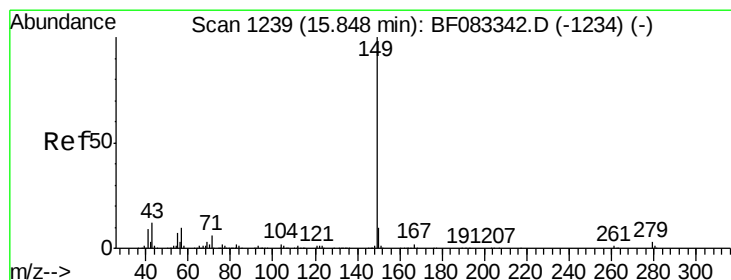
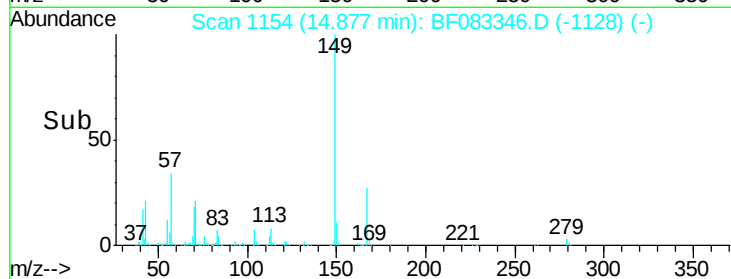
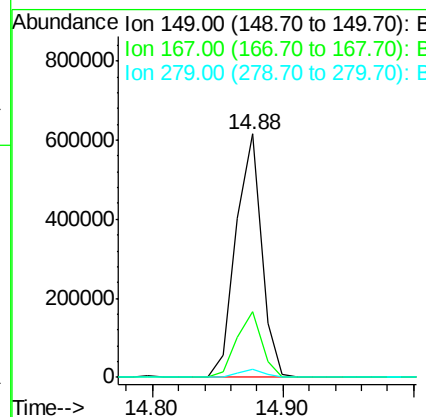
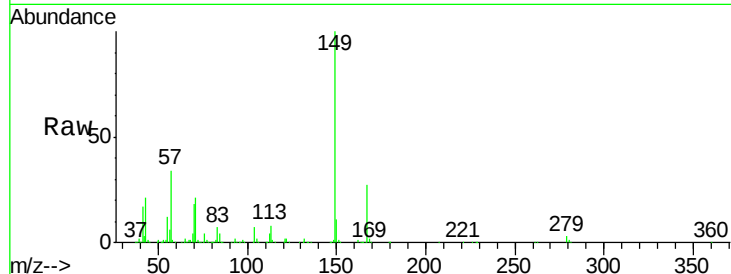
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.48 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	839541		
167	26.8	21.5	32.3	
279	3.2	2.6	3.8	

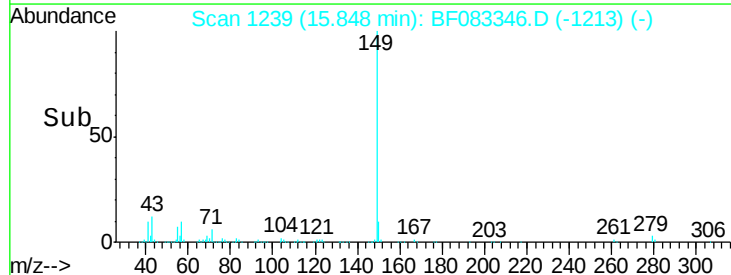
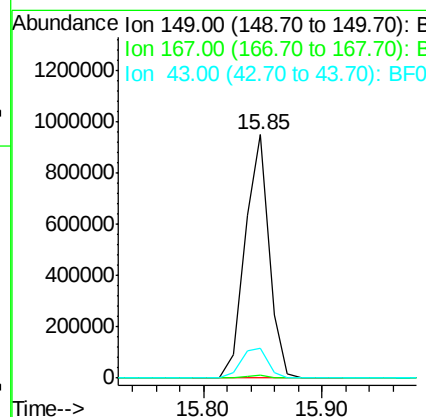
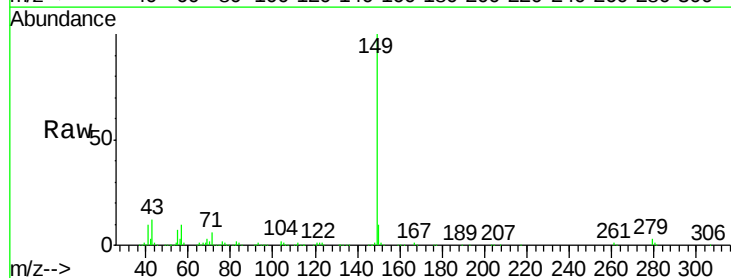
Manual Integrations
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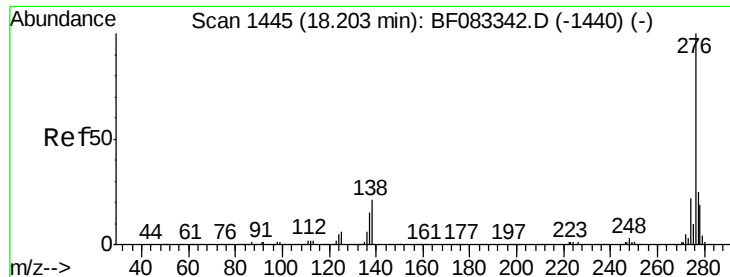
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#84
 Di-n-octyl phthalate
 Concen: 40.02 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1334763		
167	1.4	1.2	1.8	
43	14.0	11.0	16.6	





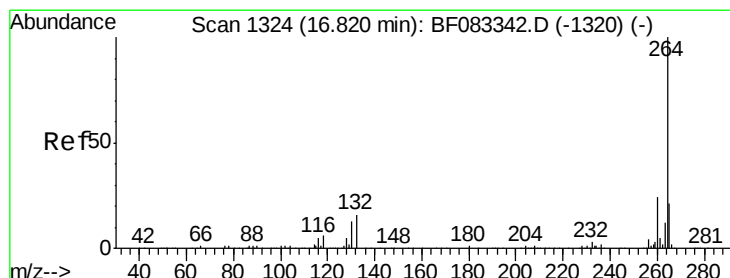
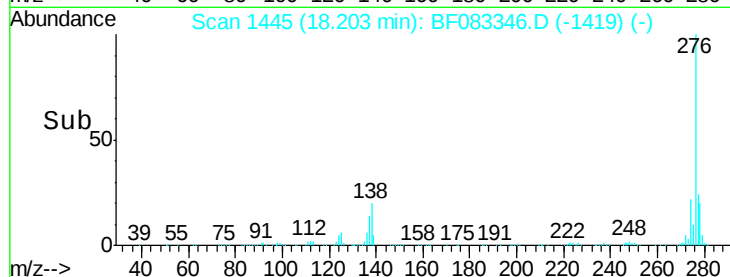
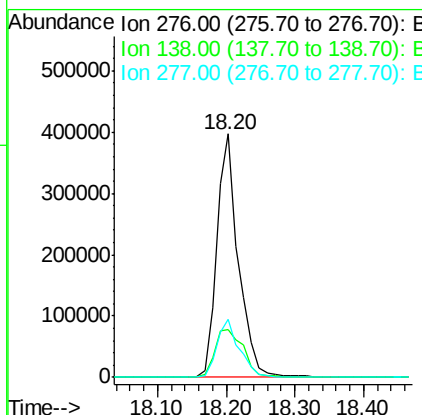
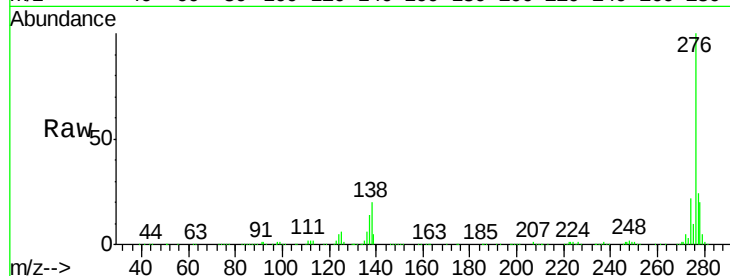
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.30 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	25.2	20.0	30.0

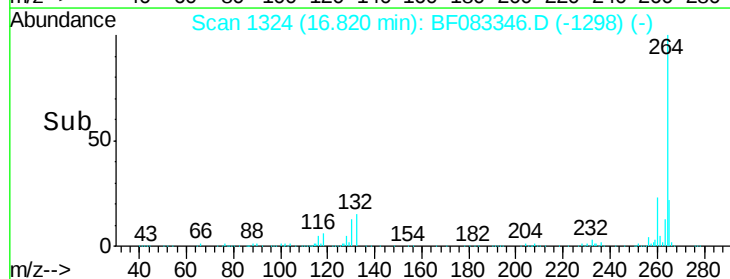
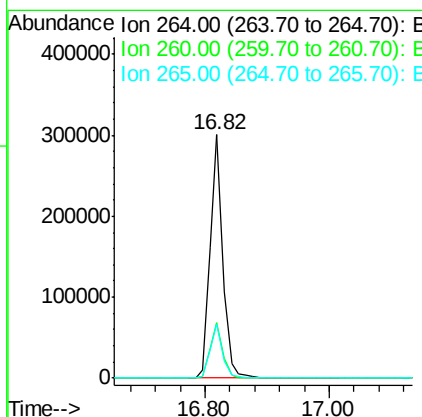
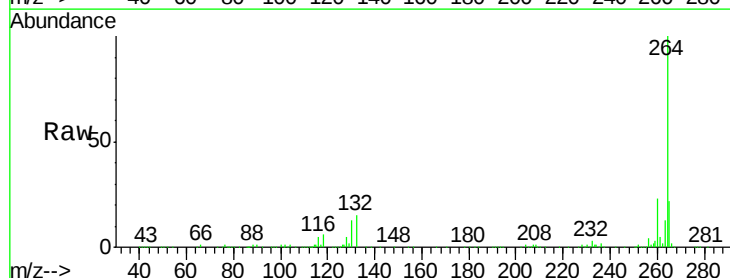
Manual Integrations
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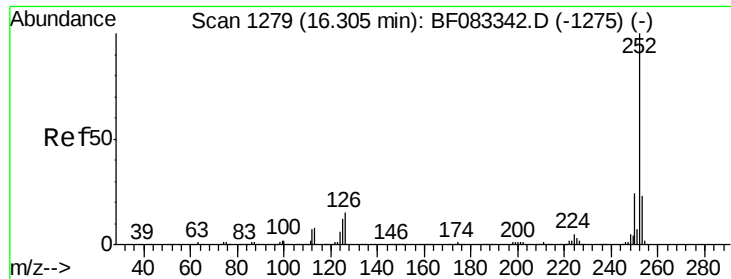
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.3	16.8	25.2





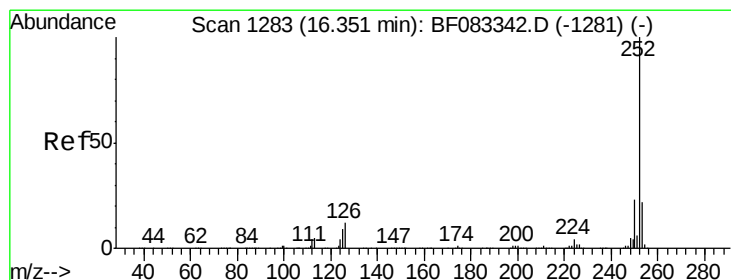
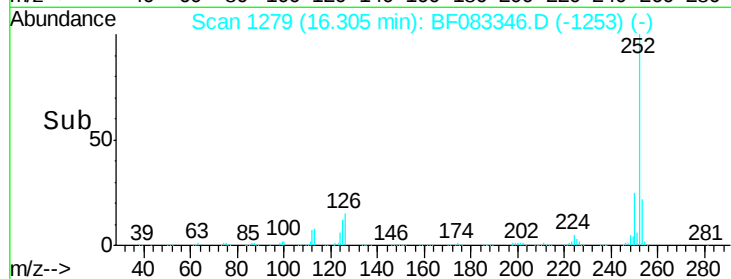
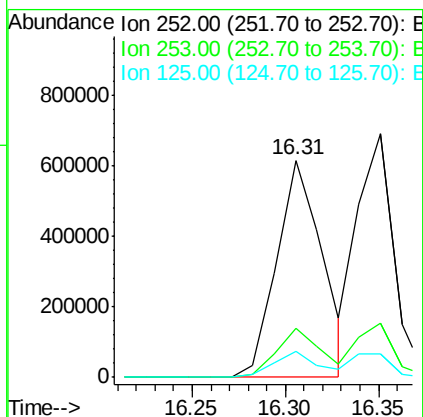
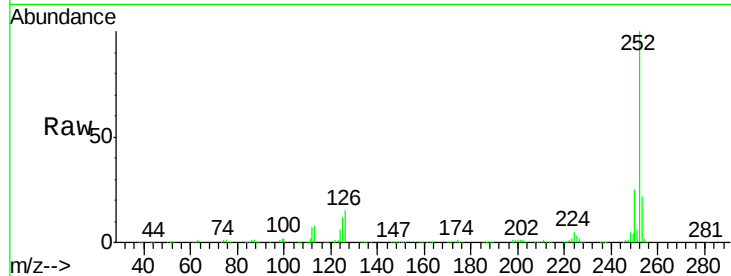
#87
Benzo(b)fluoranthene
Concen: 38.82 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	11.8	9.6	14.4

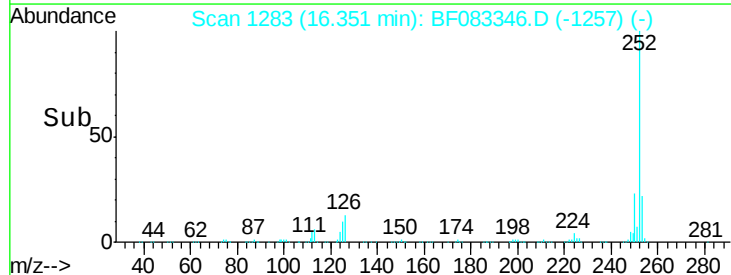
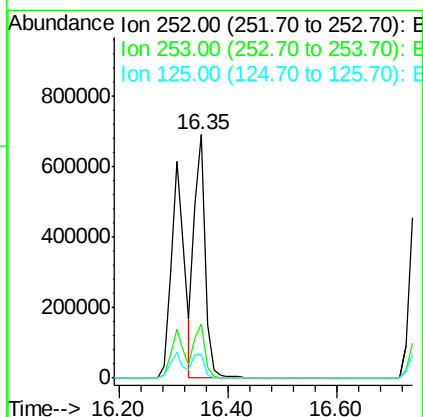
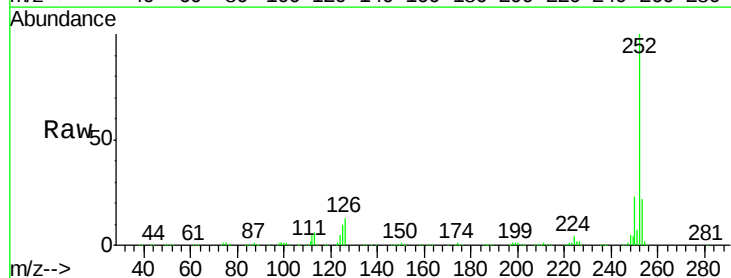
Manual Integrations
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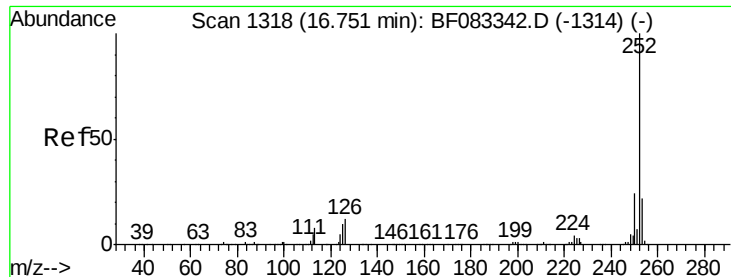
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#88
Benzo(k)fluoranthene
Concen: 37.31 ng
RT: 16.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.6	7.5	11.3





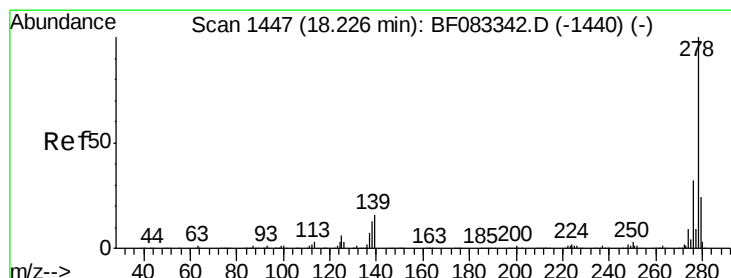
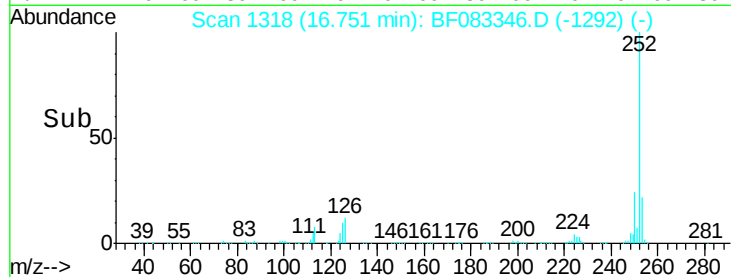
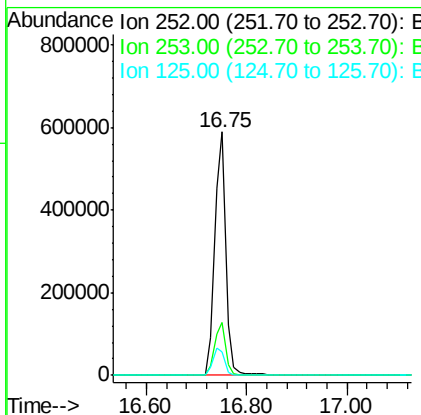
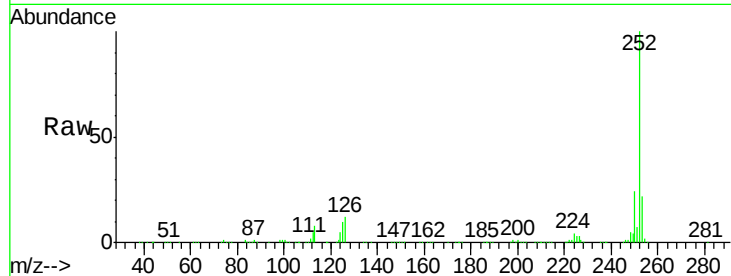
#89
Benzo(a)pyrene
Concen: 38.93 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.7	7.8	11.8

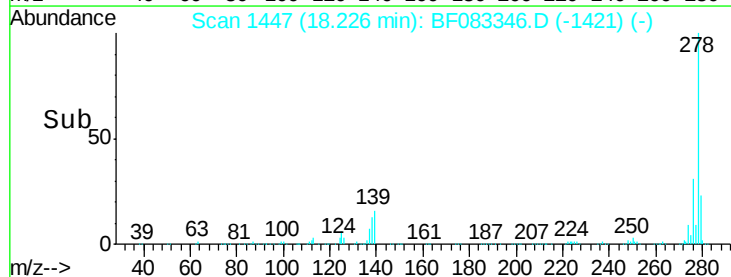
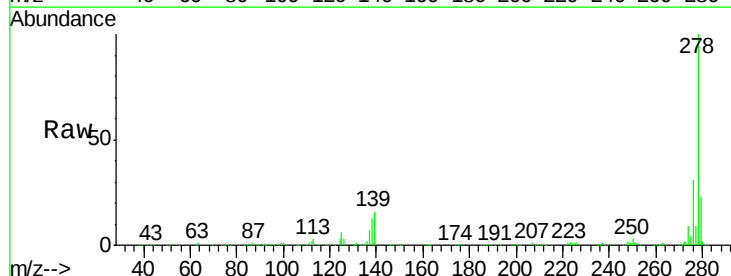
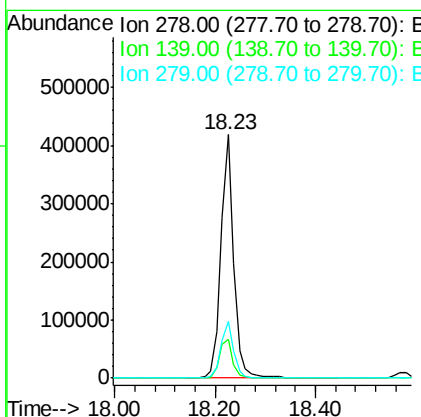
Manual Integrations
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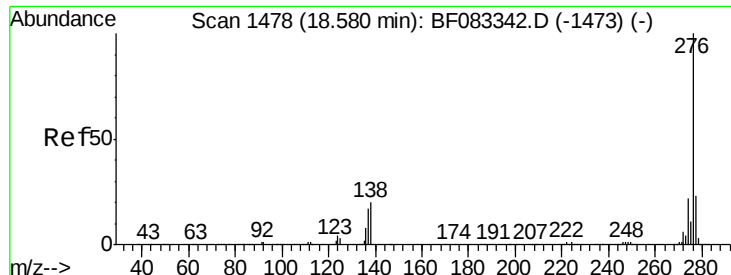
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#90
Dibenzo(a,h)anthracene
Concen: 36.81 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.4	19.2	28.8





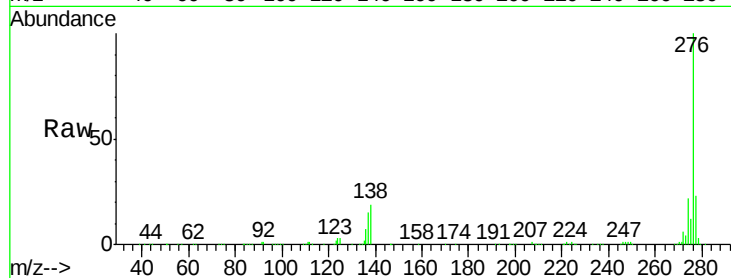
#91
 Benzo(g,h,i)perylene
 Concen: 35.99 ng
 RT: 18.58 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	18.6	28.0
138	18.5	16.1	24.1

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

