

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083355.D
 Acq On : 1 Dec 2015 1:42
 Operator : UM/IZ
 Sample : PB86847BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:04 PM

Quant Time: Dec 01 02:39:11 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	164266	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	635984	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	329018	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	634282	20.00	ng	0.00
75) Chrysene-d12	14.75	240	605203	20.00	ng	-0.01
86) Perylene-d12	16.82	264	458256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	763368	69.73	ng	0.01
7) Phenol-d6	6.21	99	978379	65.30	ng	-0.01
23) Nitrobenzene-d5	7.13	82	959355	66.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	218214	66.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1572018	68.09	ng	0.00
78) Terphenyl-d14	13.22	244	1624952	64.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	155673	26.26	ng	# 86
3) Pyridine	2.65	79	393767	26.56	ng	98
4) n-Nitrosodimethylamine	2.60	42	237622	32.56	ng	90
6) Aniline	6.21	93	356878	17.41	ng	94
8) 2-Chlorophenol	6.34	128	398912	33.04	ng	98
9) Benzaldehyde	6.09	77	99786	11.25	ng	94
10) Phenol	6.22	94	509436	28.26	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	434943	33.16	ng	95
12) 1,3-Dichlorobenzene	6.49	146	432577	32.23	ng	98
13) 1,4-Dichlorobenzene	6.57	146	438920	31.64	ng	98
14) 1,2-Dichlorobenzene	6.72	146	391471m	30.76	ng	
15) Benzyl Alcohol	6.72	79	387898	33.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	746486	32.44	ng	# 48
17) 2-Methylphenol	6.84	107	344732	34.25	ng	98
18) Hexachloroethane	7.06	117	153756	31.91	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	323054	30.16	ng	91
20) 3+4-Methylphenols	7.00	107	456471	33.48	ng	99
22) Acetophenone	6.97	105	567225	29.81	ng	# 93
24) Nitrobenzene	7.14	77	465857	30.15	ng	89
25) Isophorone	7.39	82	858788	30.64	ng	97
26) 2-Nitrophenol	7.46	139	200445	31.78	ng	94
27) 2,4-Dimethylphenol	7.53	122	346669	32.79	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	532645	33.38	ng	99
29) 2,4-Dichlorophenol	7.71	162	341637	33.60	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	339044	30.64	ng	97
31) Naphthalene	7.86	128	1124849	32.60	ng	98
32) Benzoic acid	7.66	122	218918	30.02	ng	100
33) 4-Chloroaniline	7.93	127	196854	13.23	ng	98
34) Hexachlorobutadiene	7.98	225	198819	31.64	ng	99
35) Caprolactam	8.29	113	113598m	35.36	ng	
36) 4-Chloro-3-methylphenol	8.43	107	378226	33.16	ng	96
37) 2-Methylnaphthalene	8.54	142	722956	31.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320564	30.74	ng	97
40) Hexachlorocyclopentadiene	8.70	237	316938	63.97	ng	98

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Quant Time: Dec 01 02:39:11 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)
42) 2,4,6-Trichlorophenol	8.84	196	242015	33.08	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	259333	34.21	ng	99
45) 1,1'-Biphenyl	9.01	154	873501	30.27	ng	96
46) 2-Chloronaphthalene	9.04	162	736947	33.52	ng	96
47) 2-Nitroaniline	9.14	65	266716	30.63	ng	# 75
48) Acenaphthylene	9.45	152	1158621	33.04	ng	99
49) Dimethylphthalate	9.33	163	871889	32.61	ng	99
50) 2,6-Dinitrotoluene	9.39	165	198735	34.80	ng	# 83
51) Acenaphthene	9.62	154	672370	32.59	ng	99
52) 3-Nitroaniline	9.55	138	105670	15.79	ng	# 76
53) 2,4-Dinitrophenol	9.66	184	224416	65.49	ng	96
54) Dibenzofuran	9.79	168	973212	32.19	ng	99
55) 4-Nitrophenol	9.76	139	277290	66.24	ng	# 59
56) 2,4-Dinitrotoluene	9.79	165	248073	34.24	ng	91
57) Fluorene	10.13	166	815056	34.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	193144	31.58	ng	94
59) Diethylphthalate	10.03	149	843650	33.10	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	373708	34.07	ng	96
61) 4-Nitroaniline	10.17	138	187031	27.93	ng	88
62) Azobenzene	10.29	77	1036884	33.68	ng	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	151439	35.56	ng	78
65) n-Nitrosodiphenylamine	10.26	169	718967	32.26	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	225823	32.55	ng	95
67) Hexachlorobenzene	10.69	284	248998	32.46	ng	# 71
68) Atrazine	10.82	200	205844	33.39	ng	99
69) Pentachlorophenol	10.92	266	283373	70.51	ng	99
70) Phenanthrene	11.15	178	1241858	33.08	ng	99
71) Anthracene	11.22	178	1283685	33.97	ng	100
72) Carbazole	11.41	167	1158247	34.11	ng	100
73) Di-n-butylphthalate	11.86	149	1364905	33.92	ng	99
74) Fluoranthene	12.66	202	1286491	33.06	ng	97
76) Benzidine	12.87	184	368443	20.44	ng	98
77) Pyrene	12.97	202	1330062	31.47	ng	98
79) Butylbenzylphthalate	13.96	149	576206	32.14	ng	96
80) Benzo(a)anthracene	14.74	228	1199740	32.36	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	268416	23.18	ng	99
82) Chrysene	14.80	228	1133410	31.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	815205	33.89	ng	100
84) Di-n-octyl phthalate	15.85	149	1290316	36.03	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	844526	32.37	ng	99
87) Benzo(b)fluoranthene	16.31	252	1041683	35.43	ng	99
88) Benzo(k)fluoranthene	16.35	252	872958	31.44	ng	99
89) Benzo(a)pyrene	16.74	252	890124	35.24	ng	# 96
90) Dibenzo(a,h)anthracene	18.23	278	715724	32.52	ng	98
91) Benzo(g,h,i)perylene	18.57	276	694404	32.15	ng	96

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

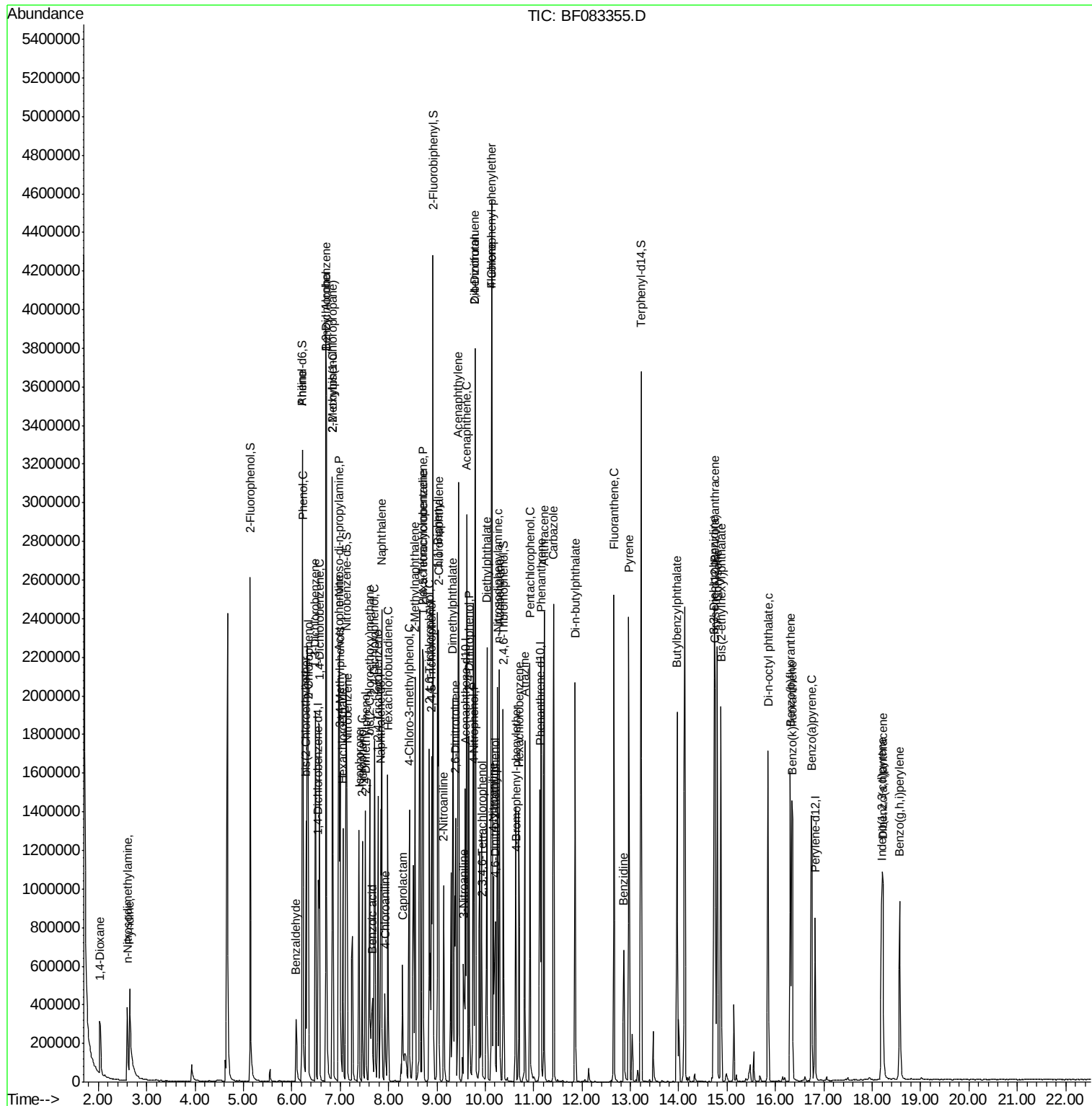
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\  
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Operator  : UM/IZ  
Sample    : PB86847BSD  
Misc      :  
ALS Vial  : 19    Sample Multiplier: 1
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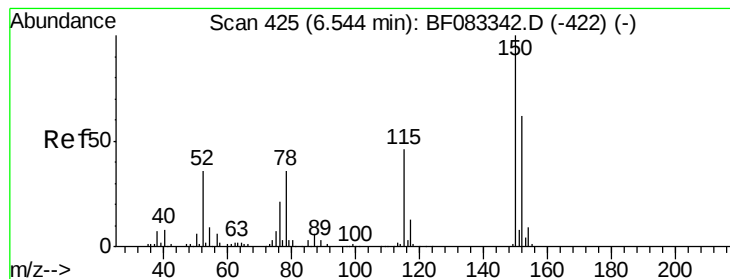
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BNA_F
ClientSampleId :
PB86847BSD

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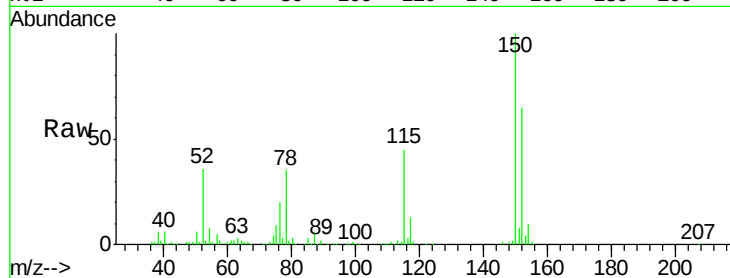
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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

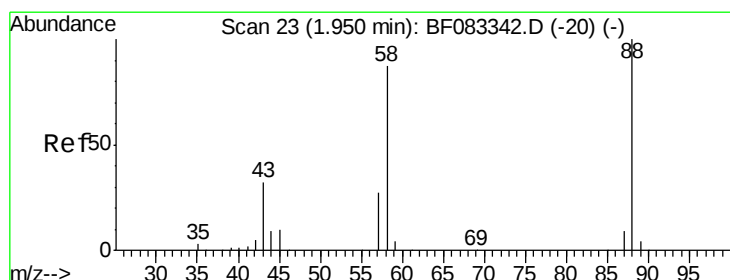
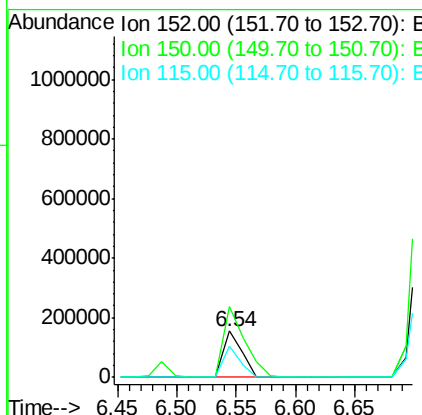
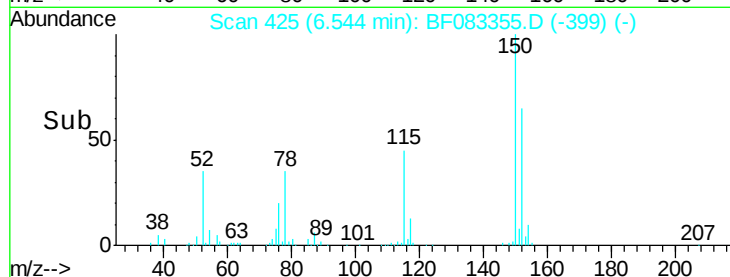
Instrument :
 BNA_F
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 PB86847BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	129.8	194.8
115	68.6	59.2	88.8

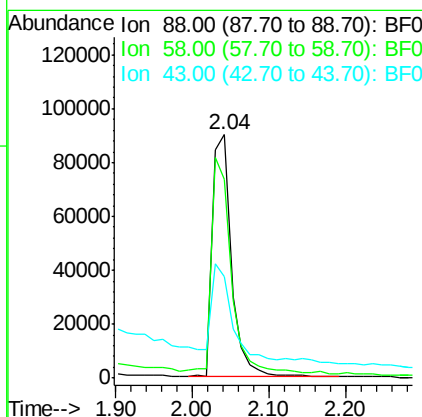
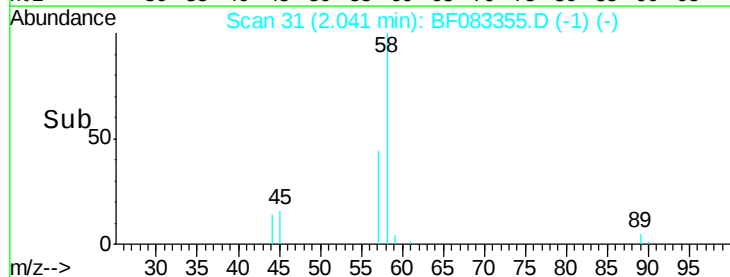
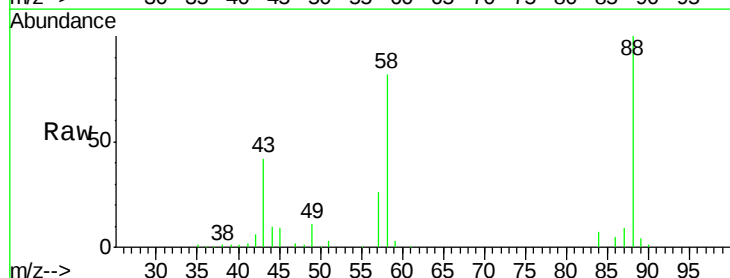
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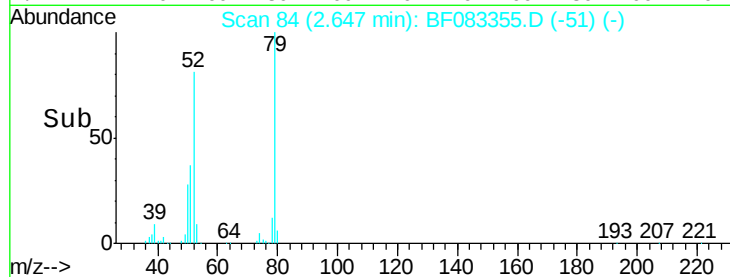
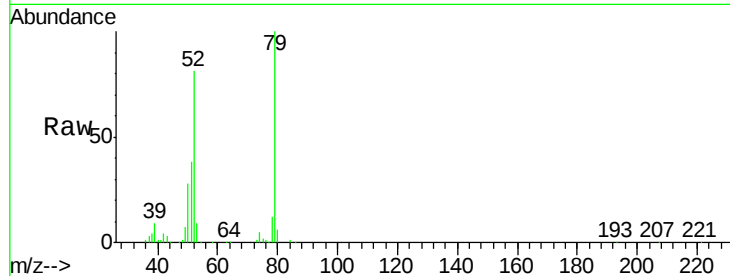
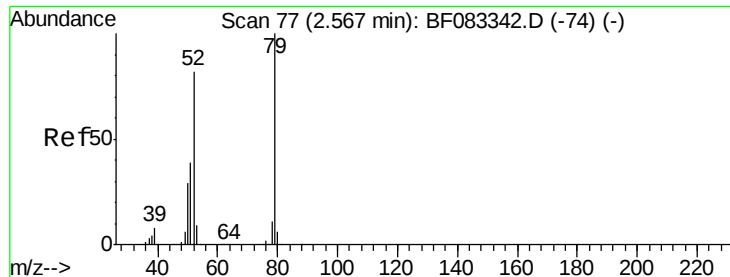
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#2
 1,4-Dioxane
 Concen: 26.26 ng
 RT: 2.04 min Scan# 31
 Delta R.T. 0.09 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	66.6	100.0
43	50.0	27.1	40.7#





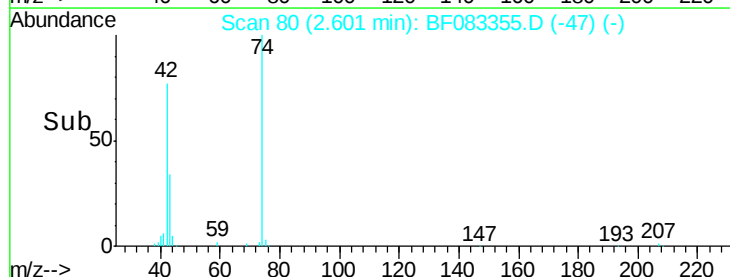
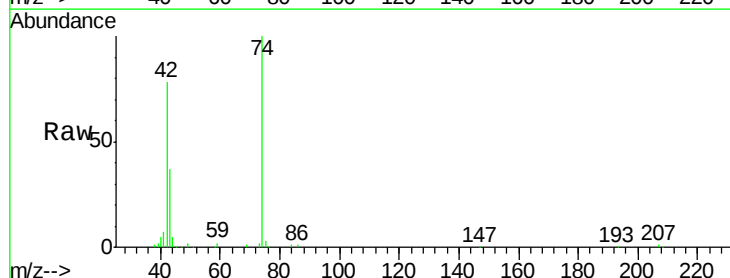
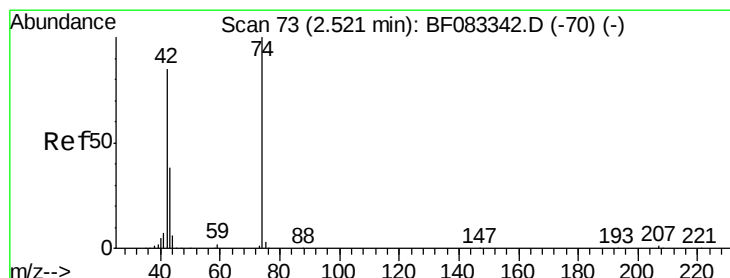
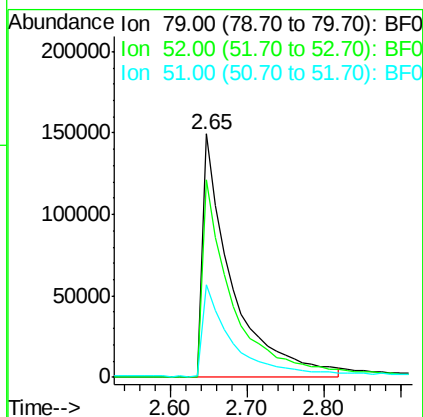
#3
 Pyridine
 Concen: 26.56 ng
 RT: 2.65 min Scan# 84
 Delta R.T. 0.08 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	393767		
52	81.3	65.9	98.9	
51	38.1	32.3	48.5	

Instrument :
 BNA_F
 ClientSampleId :
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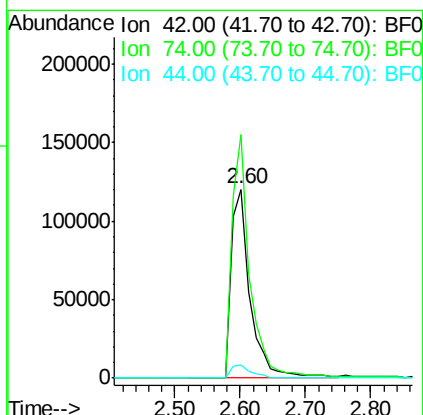
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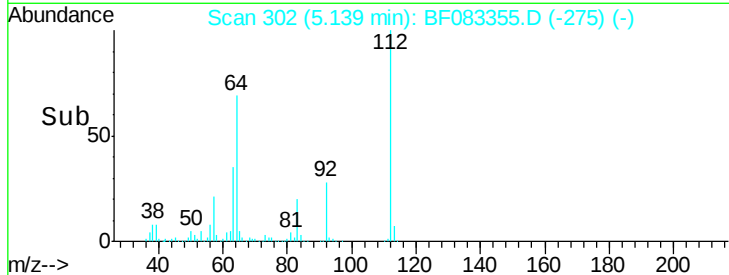
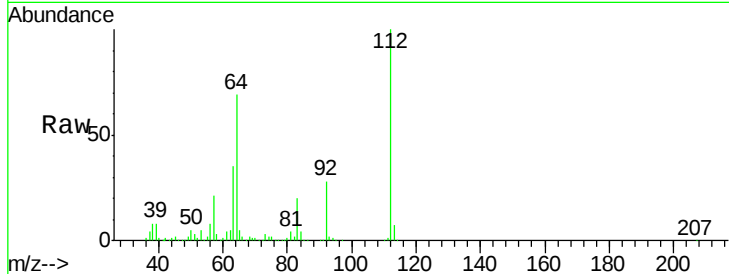
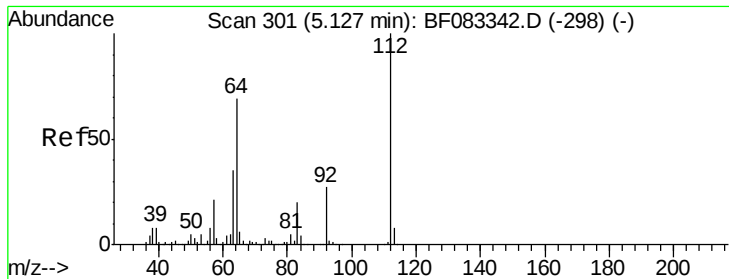
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#4
 n-Nitrosodimethylamine
 Concen: 32.56 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.08 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	237622		
74	129.0	93.7	140.5	
44	6.7	5.6	8.4	





#5

2-Fluorophenol

Concen: 69.73 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083355.D

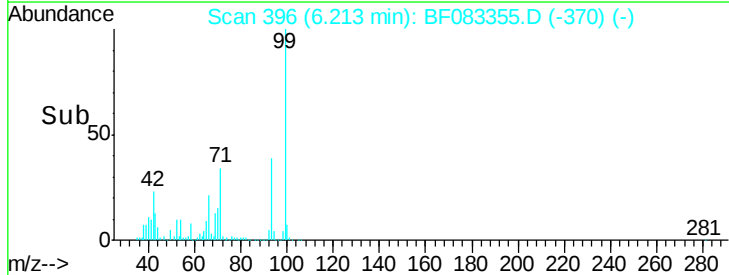
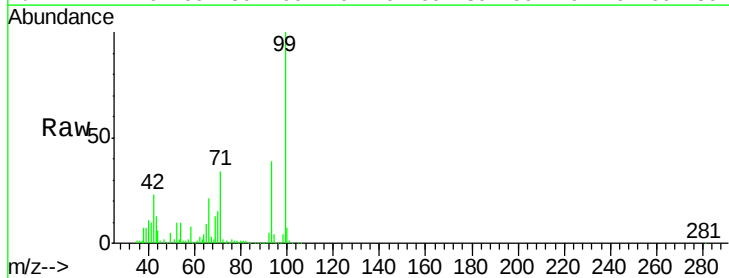
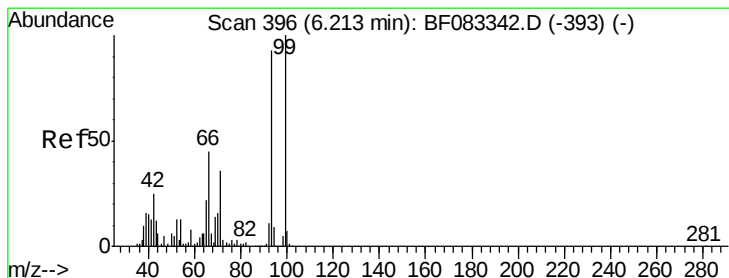
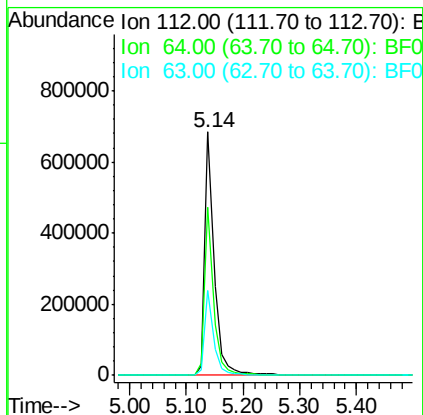
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	68.9	55.6	83.4
63	35.0	28.2	42.2

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

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#6

Aniline

Concen: 17.41 ng

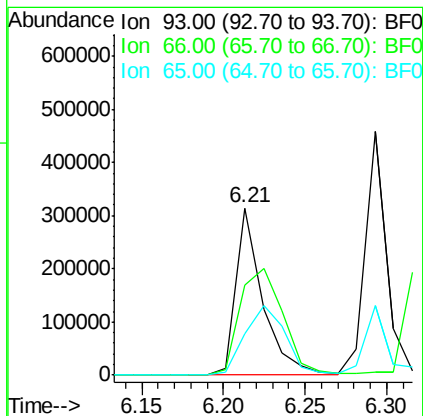
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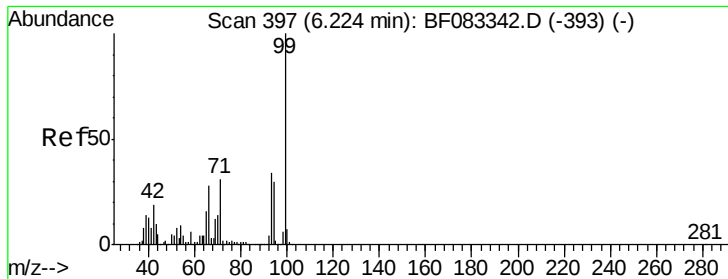
Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	54.1	38.7	58.1
65	24.6	19.0	28.6





#7

Phenol-d6

Concen: 65.30 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083355.D

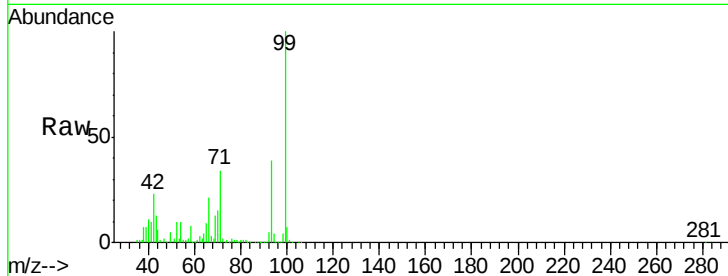
Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD



Tgt Ion: 99 Resp: 978379

Ion Ratio Lower Upper

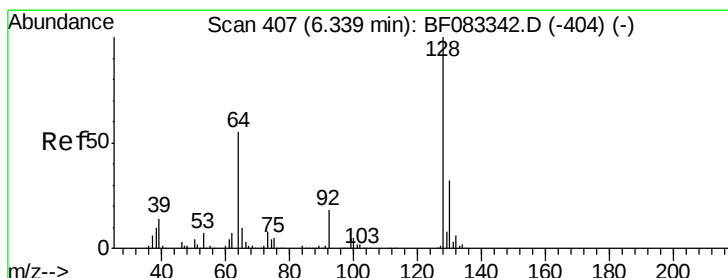
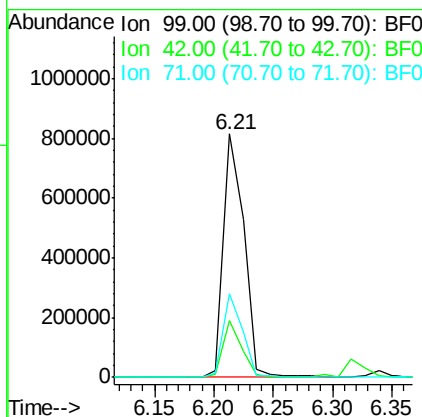
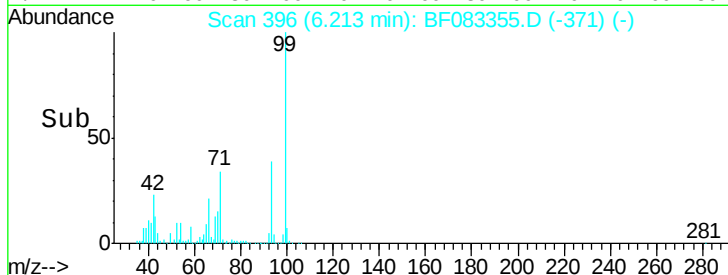
99 100

42 23.4 14.9 22.3#

71 34.2 24.7 37.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 33.04 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

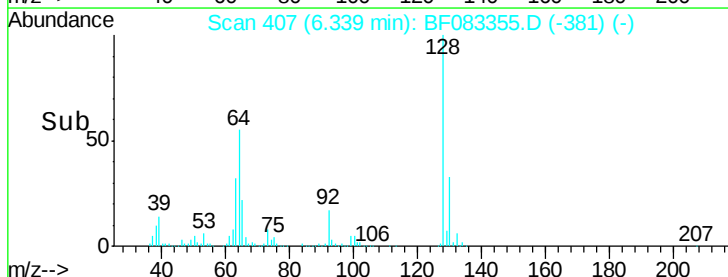
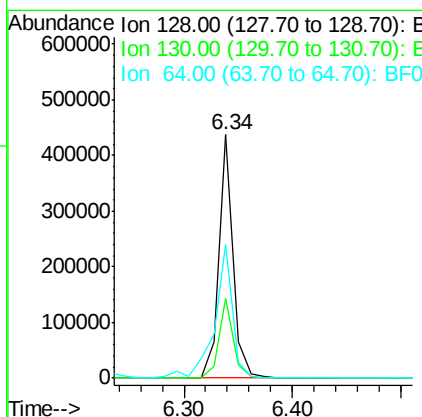
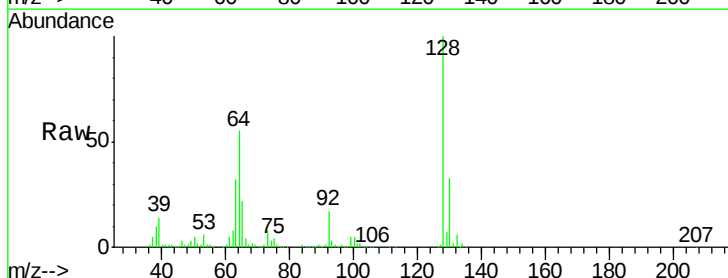
Tgt Ion: 128 Resp: 398912

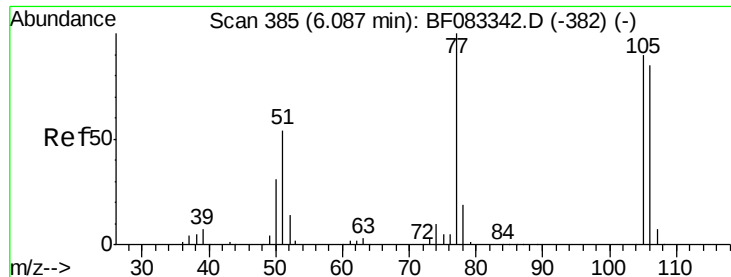
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 54.7 36.4 76.4





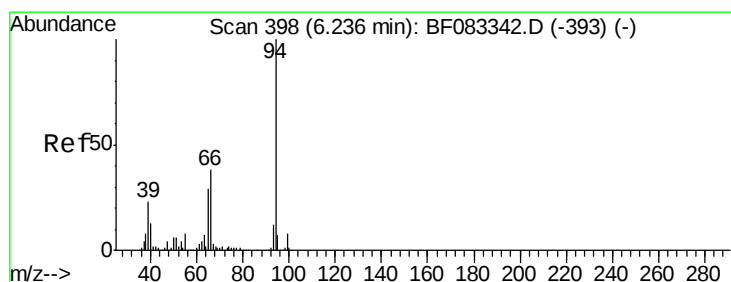
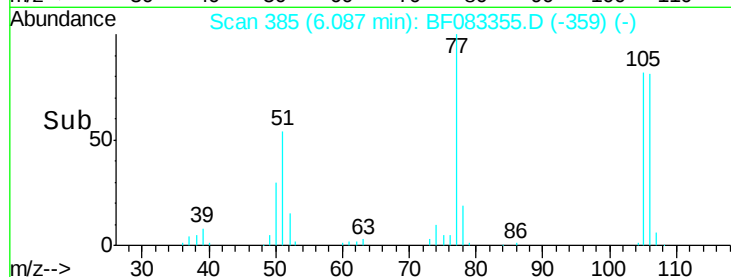
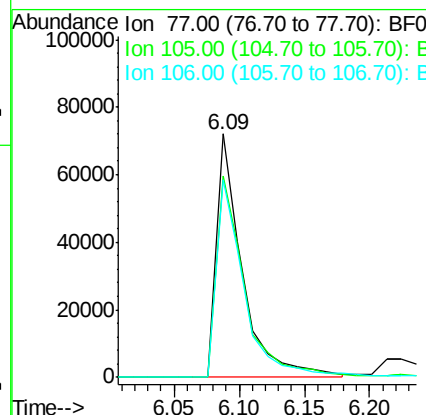
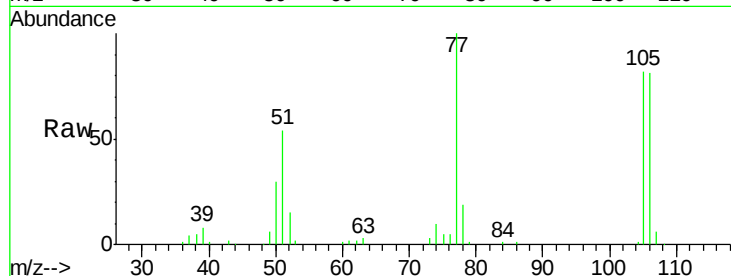
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Benzaldehyde
Concen: 11.25 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	82.5	70.0	110.0
106	81.4	65.0	105.0

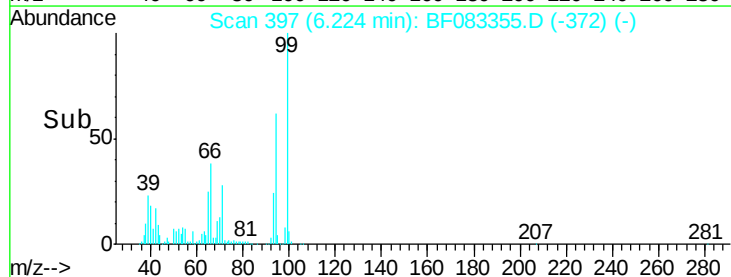
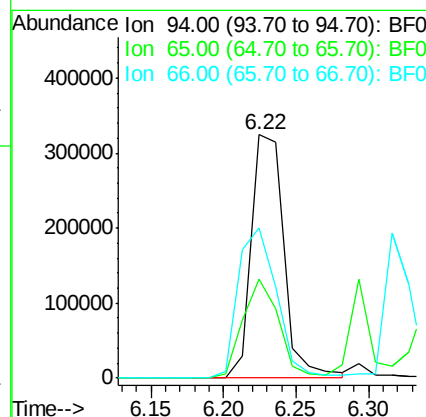
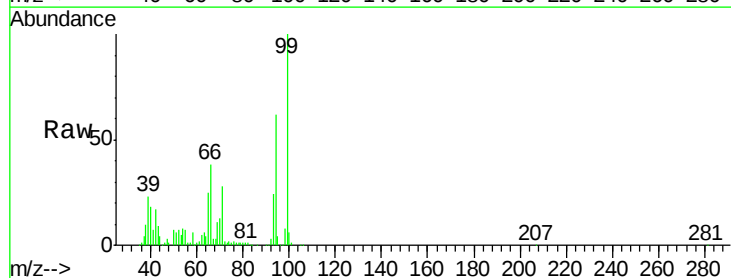
Manual Integrations
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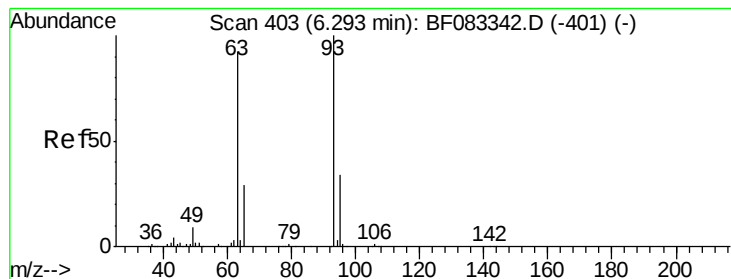
Mmdadoda
12/1/2015 6:35:04 PM



#10
Phenol
Concen: 28.26 ng
RT: 6.22 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.5	9.5	49.5
66	61.7	17.9	57.9





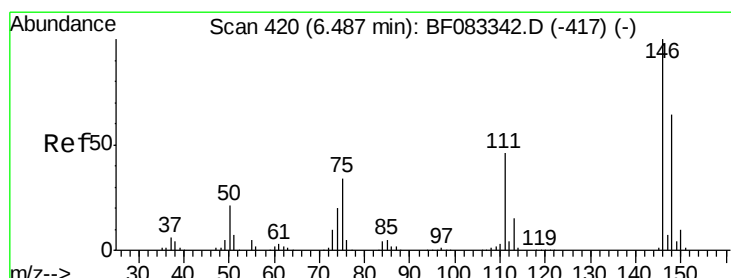
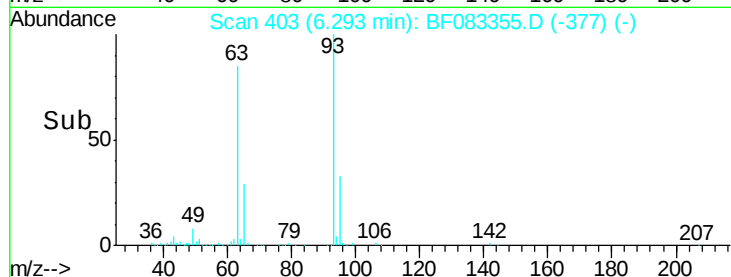
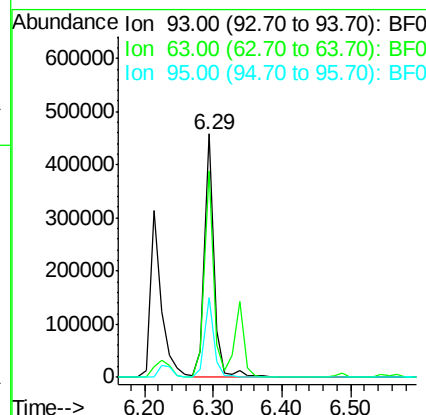
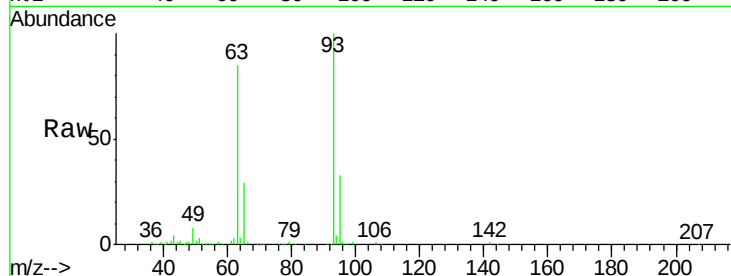
#11
bis(2-Chloroethyl)ether
Concen: 33.16 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.0	71.4	111.4
95	32.5	13.4	53.4

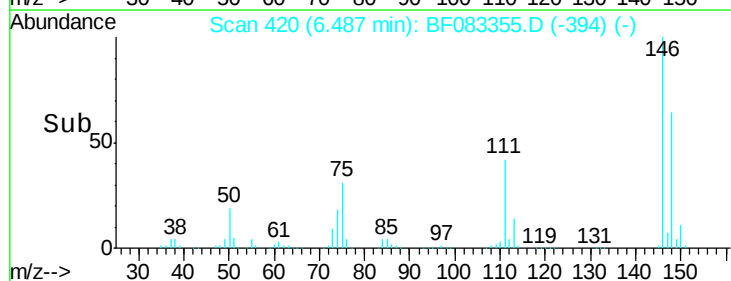
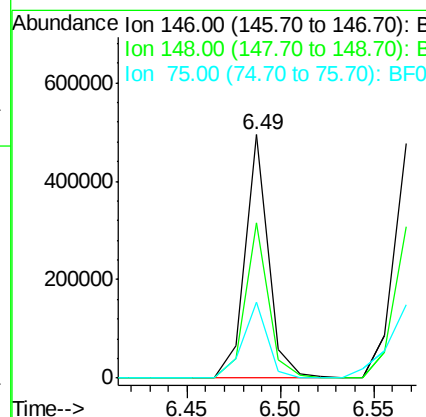
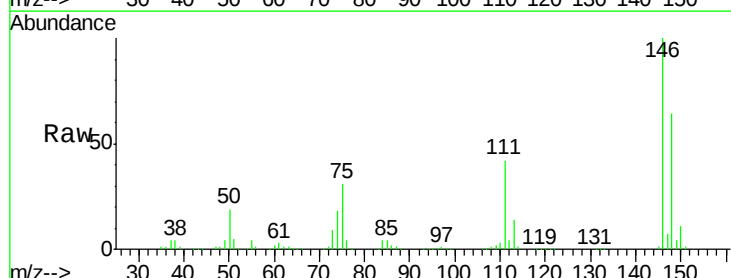
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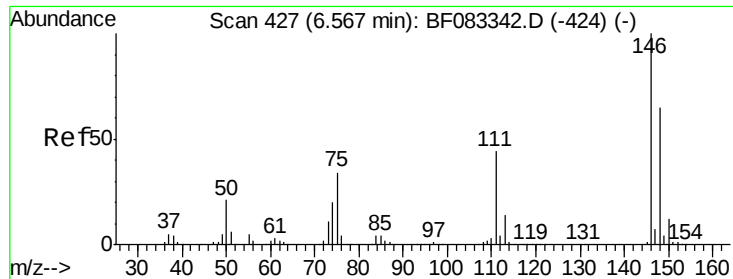
Mmdadoda
12/1/2015 6:35:04 PM



#12
1,3-Dichlorobenzene
Concen: 32.23 ng
RT: 6.49 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	31.0	27.5	41.3





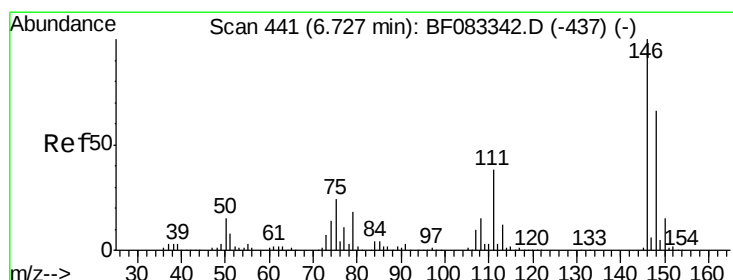
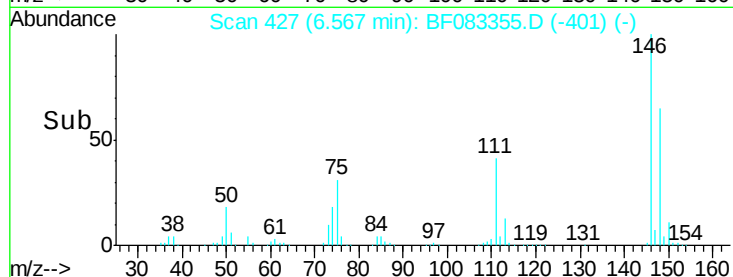
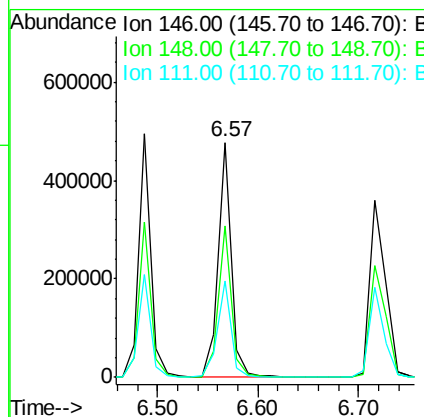
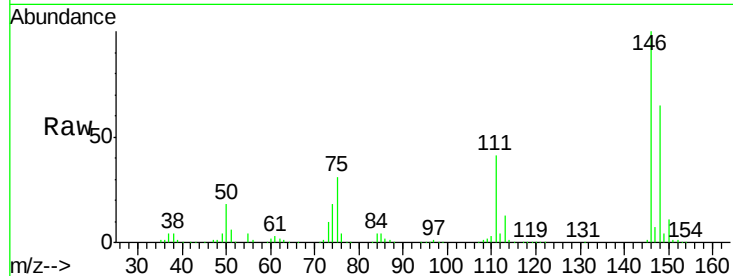
#13
 1,4-Dichlorobenzene
 Concen: 31.64 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	41.1	35.4	53.0

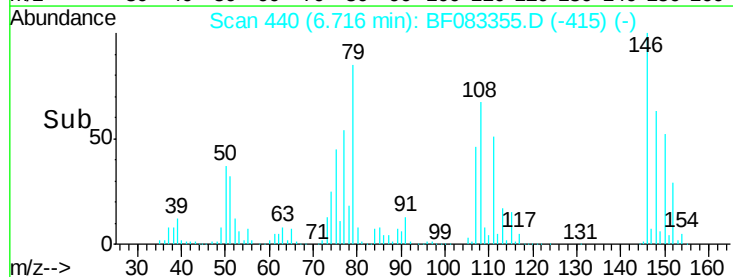
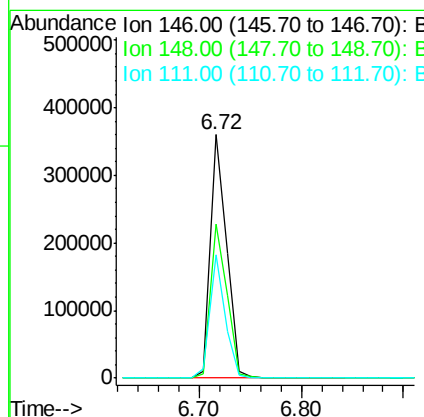
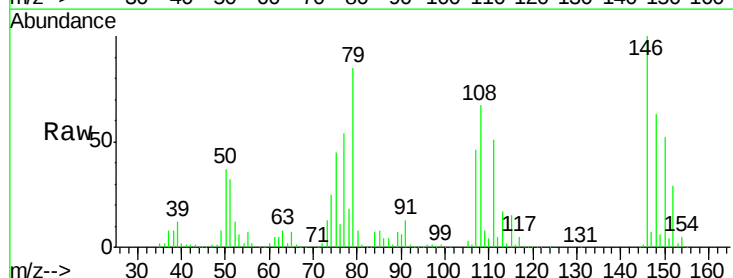
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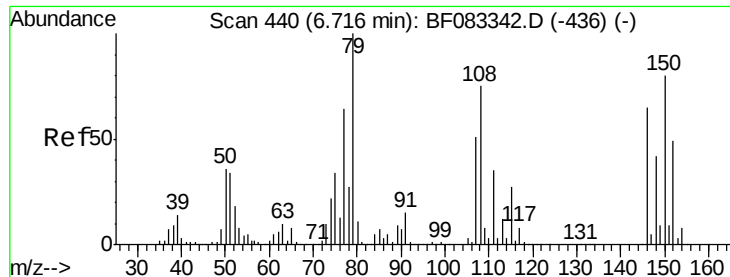
Mmdadoda
 12/1/2015 6:35:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.76 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.5	78.7
111	50.7	30.6	46.0#





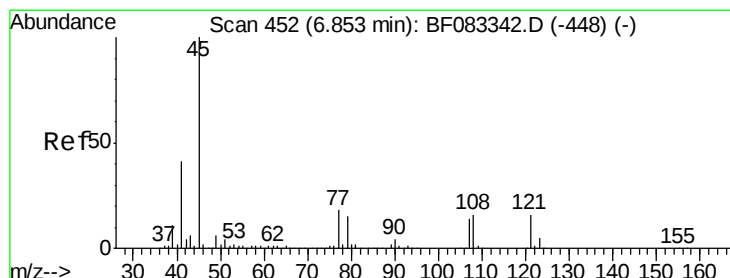
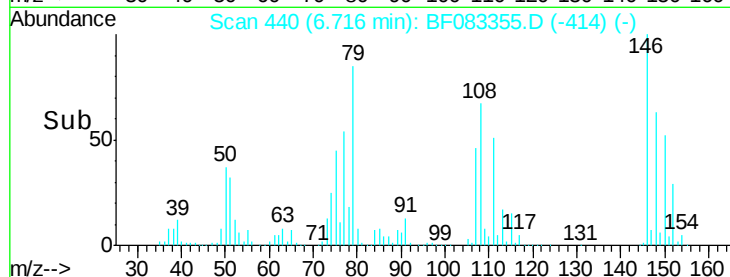
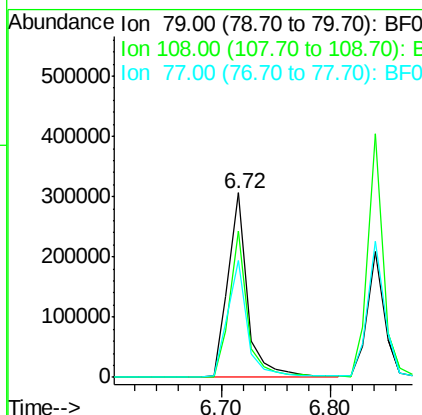
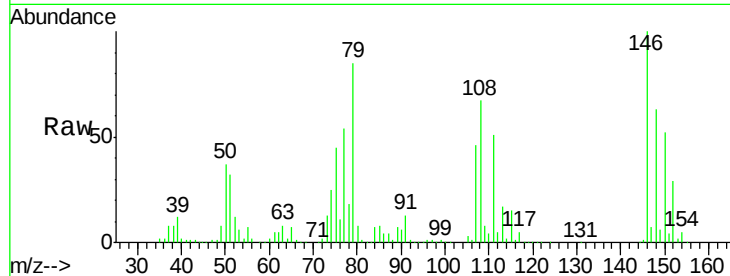
#15
Benzyl Alcohol
Concen: 33.50 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion: 79 Resp: 387898
Ion Ratio Lower Upper
79 100
108 79.3 59.9 89.9
77 63.4 51.0 76.6

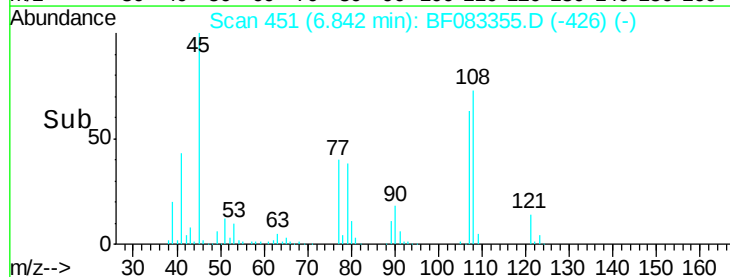
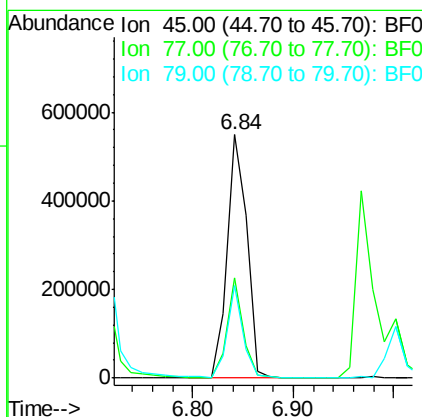
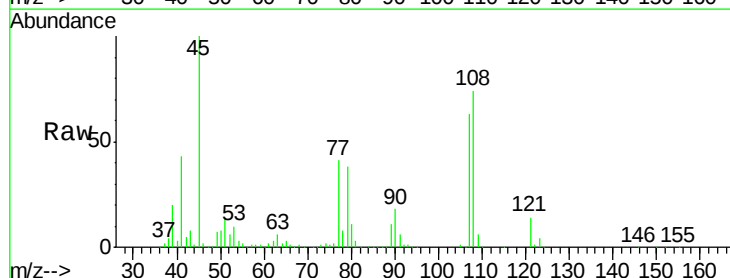
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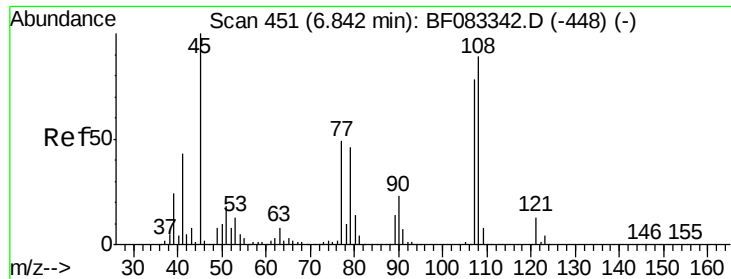
Mmdadoda
12/1/2015 6:35:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.44 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 45 Resp: 746486
Ion Ratio Lower Upper
45 100
77 41.0 0.0 38.3#
79 37.9 0.0 35.4#





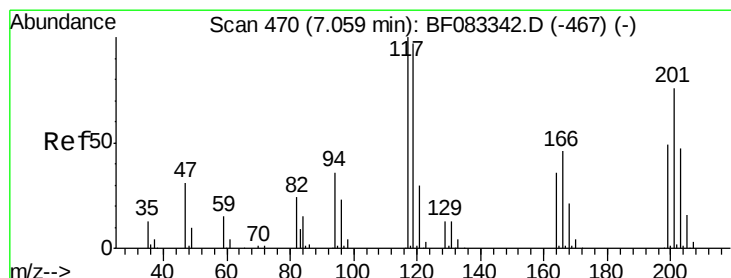
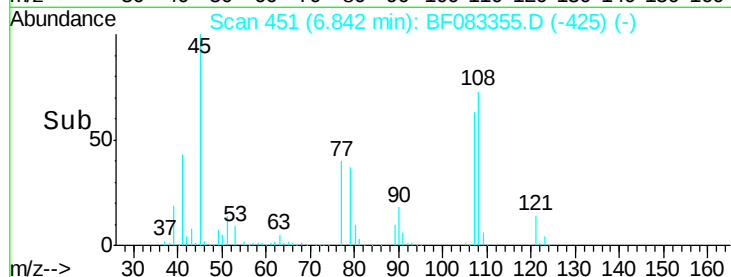
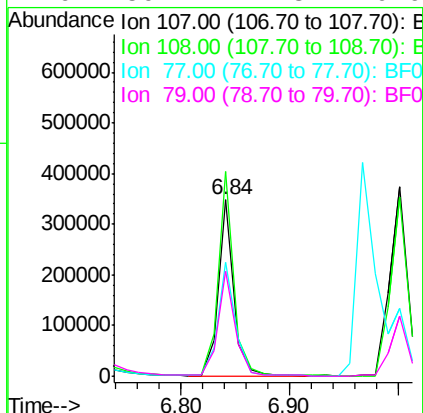
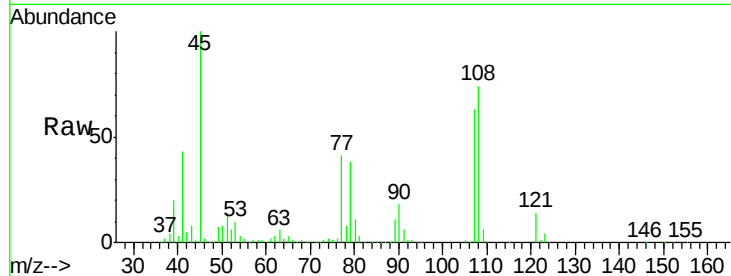
#17
2-Methylphenol
Concen: 34.25 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt	Ion	Resp	344732
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.6	137.4
77	64.6	49.9	74.9
79	59.7	47.3	70.9

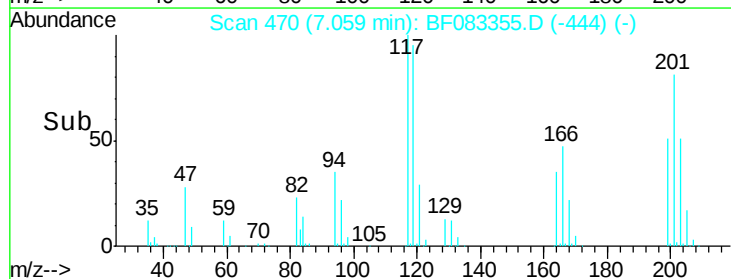
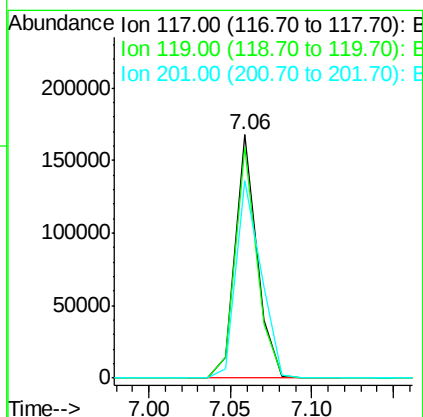
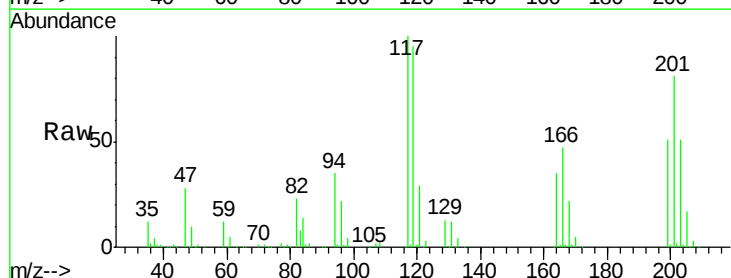
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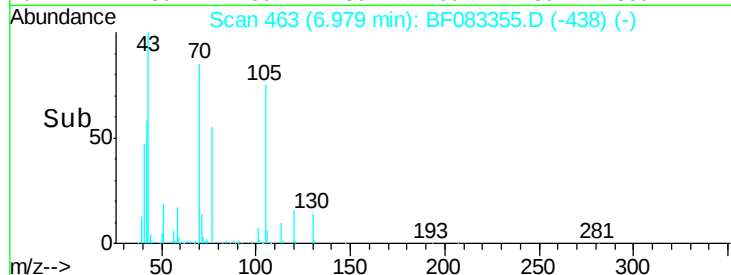
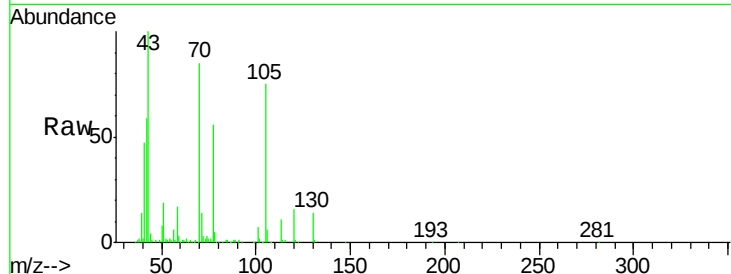
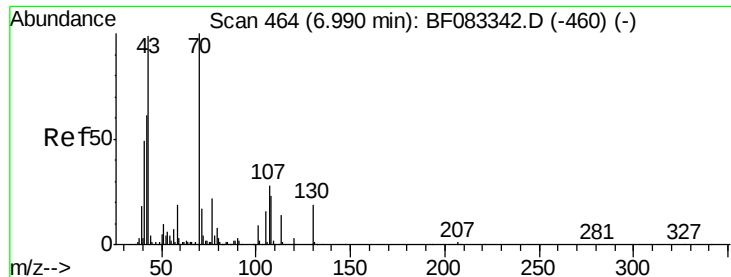
Mmdadoda
12/1/2015 6:35:04 PM



#18
Hexachloroethane
Concen: 31.91 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt	Ion	Resp	153756
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.3	115.9
201	81.1	60.6	90.8





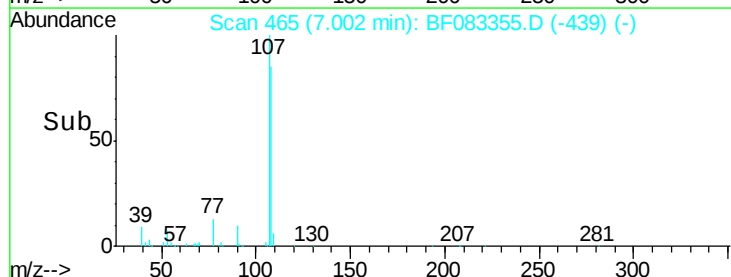
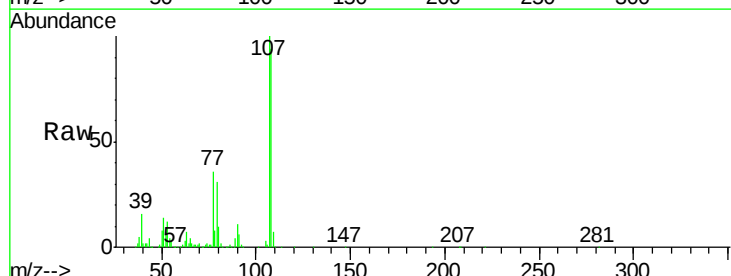
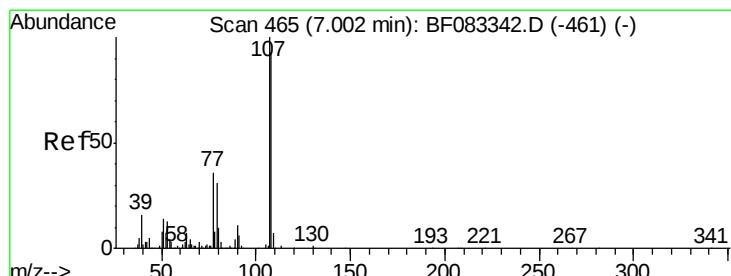
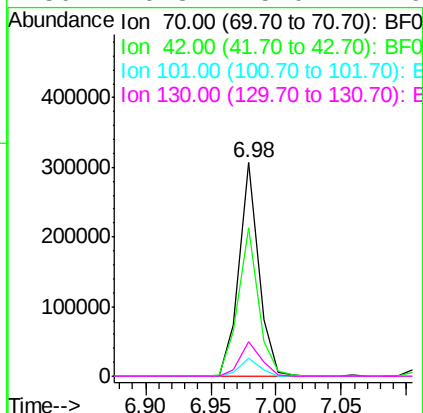
#19
n-Nitroso-di-n-propylamine
Concen: 30.16 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

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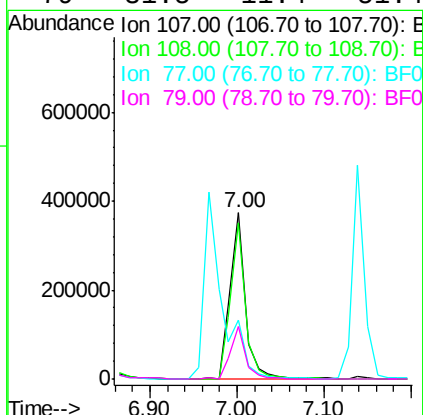
Mmdadoda
12/1/2015 6:35:04 PM

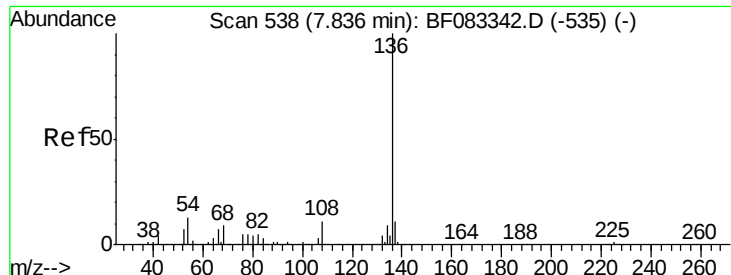
Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.5	48.8	73.2
101	8.3	7.1	10.7
130	16.3	15.0	22.6



#20
3+4-Methylphenols
Concen: 33.48 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	73.0	113.0
77	35.7	16.8	56.8
79	31.5	11.4	51.4





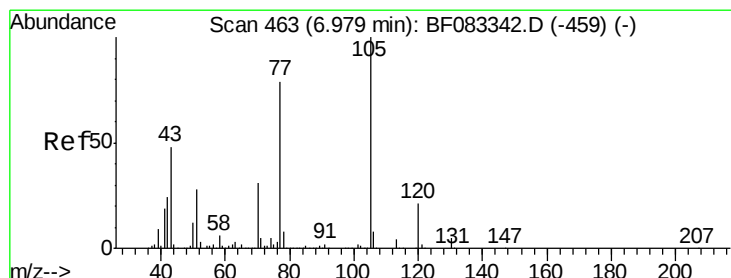
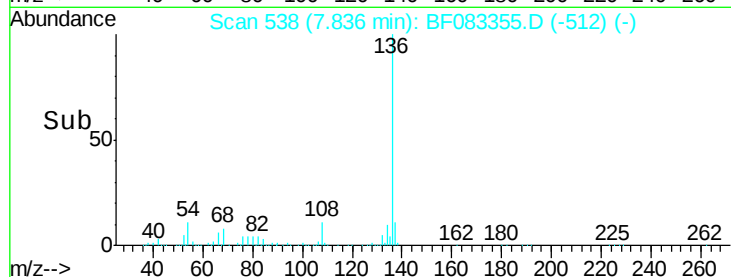
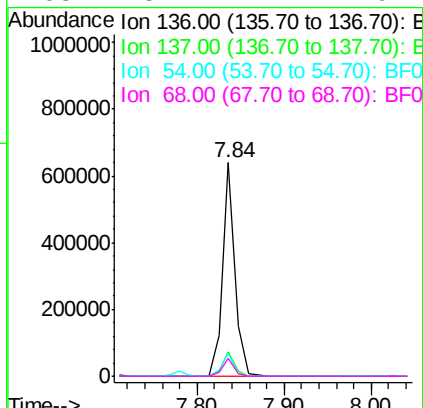
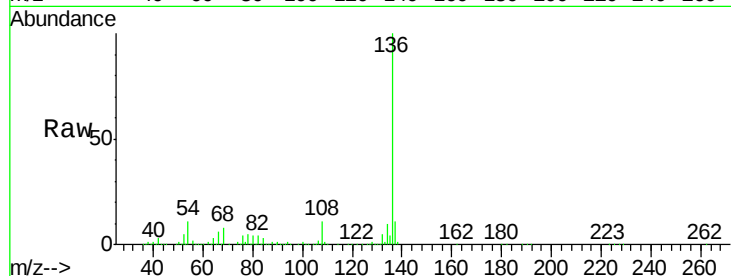
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	9.0	13.4
54	11.1	10.1	15.1
68	8.1	7.1	10.7

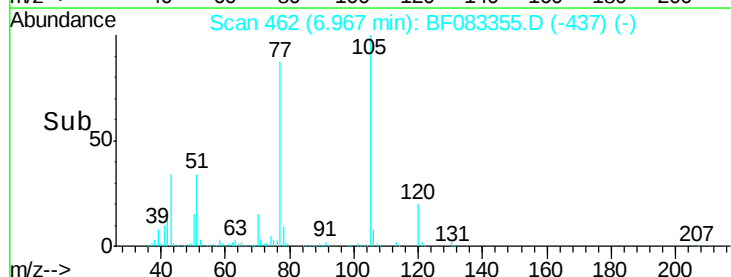
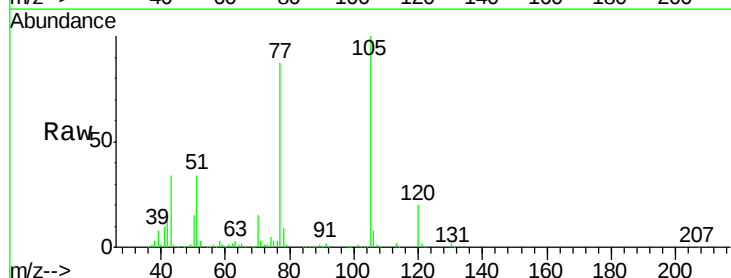
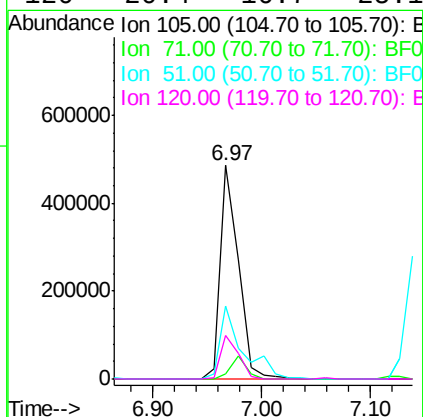
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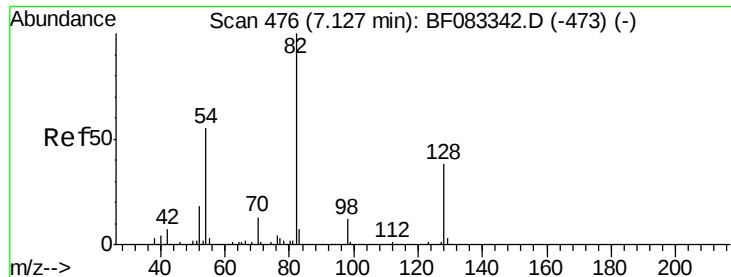
Mmdadoda
12/1/2015 6:35:04 PM



#22
Acetophenone
Concen: 29.81 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.7	4.3	6.5#
51	34.4	22.9	34.3#
120	20.4	16.7	25.1





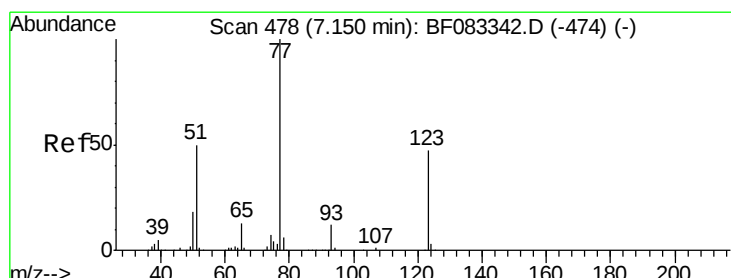
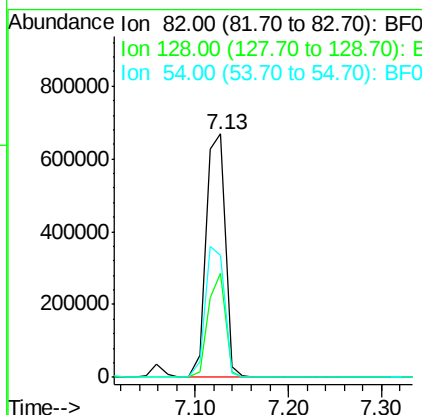
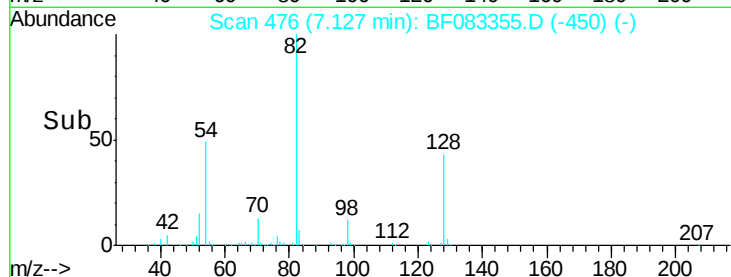
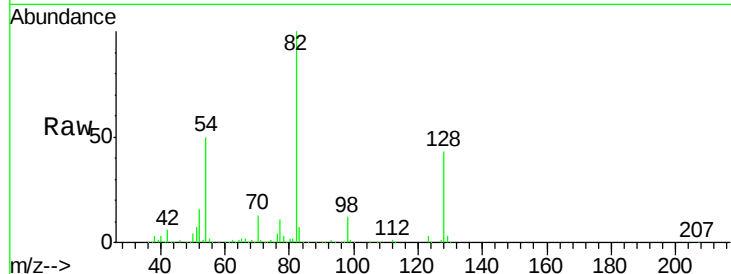
#23
 Nitrobenzene-d5
 Concen: 66.31 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.9	30.6	46.0
54	50.0	43.8	65.6

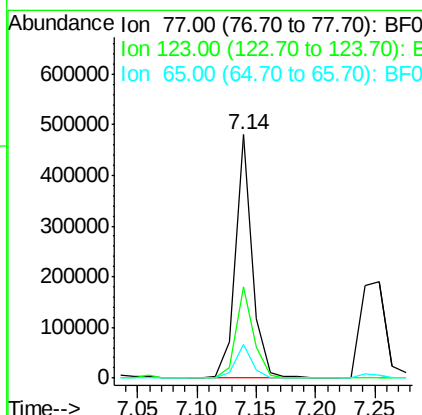
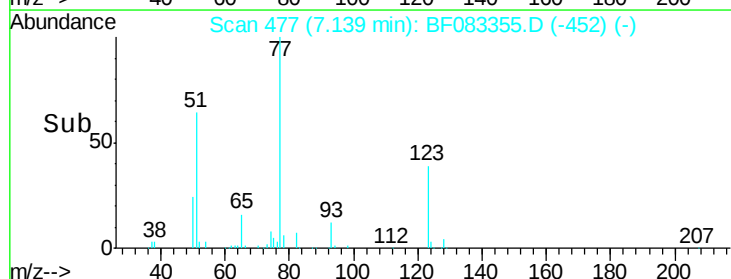
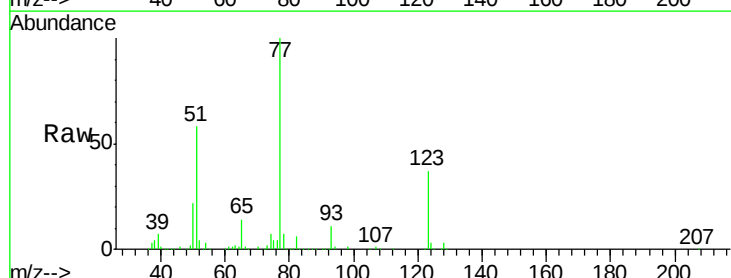
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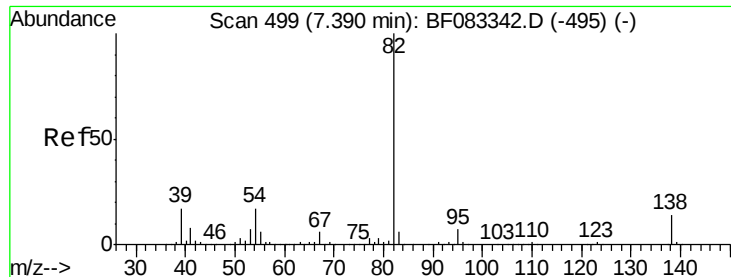
Mmdadoda
 12/1/2015 6:35:04 PM



#24
 Nitrobenzene
 Concen: 30.15 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

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





#25

Isophorone

Concen: 30.64 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

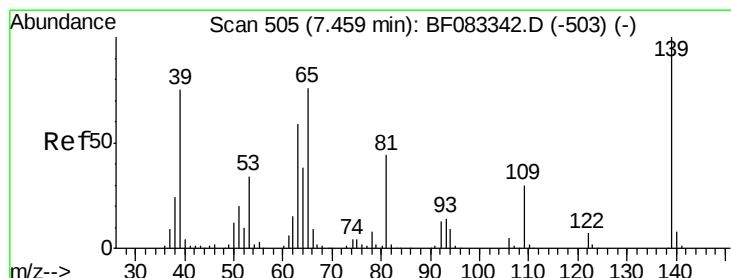
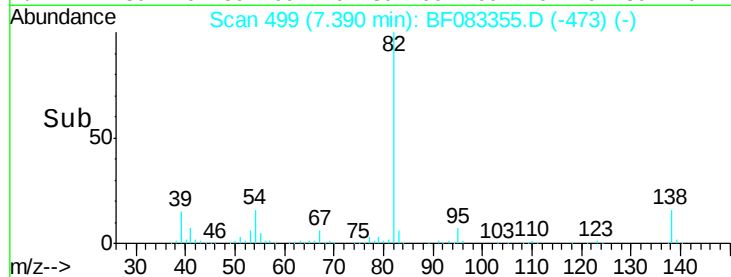
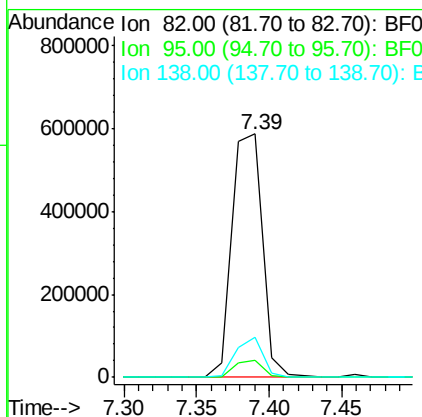
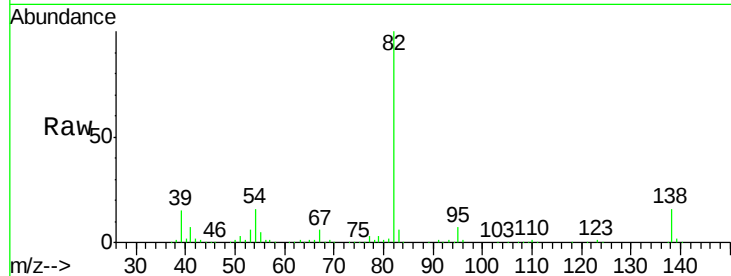
ClientSampleId :

PB86847BSD

Tgt Ion:	82	Resp:	858788
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	16.2	11.6	17.4

Manual Integrations
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12/1/2015 6:35:04 PM



#26

2-Nitrophenol

Concen: 31.78 ng

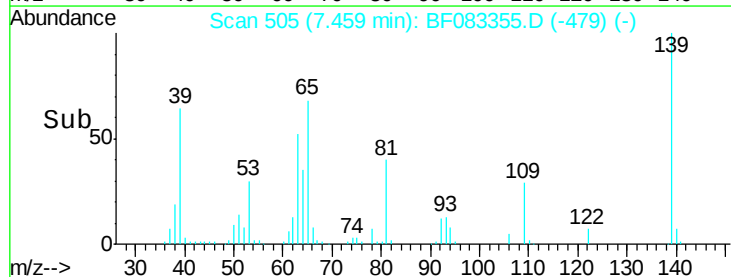
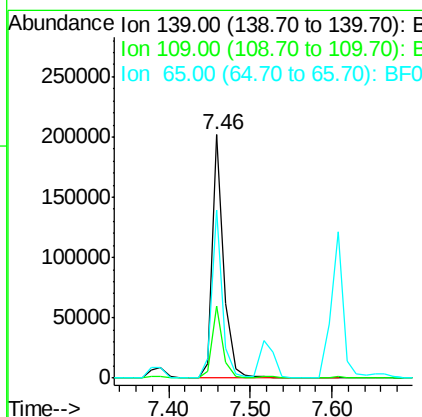
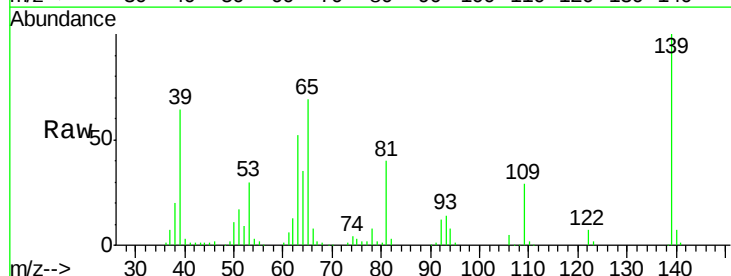
RT: 7.46 min Scan# 505

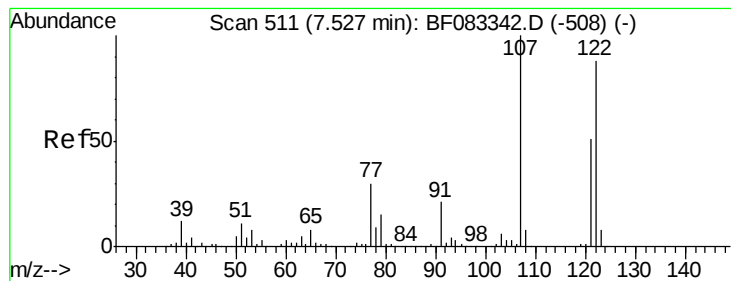
Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion:	139	Resp:	200445
Ion Ratio		Lower	Upper
139	100		
109	29.4	24.2	36.4
65	69.2	61.0	91.6





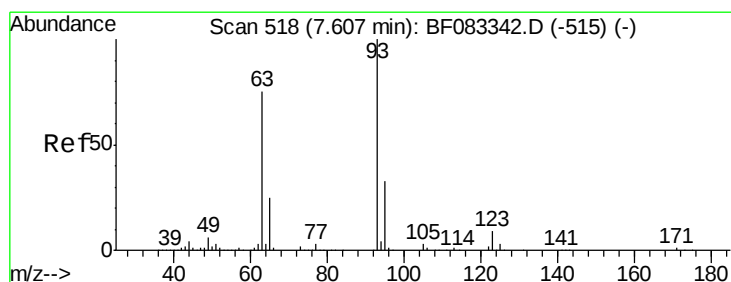
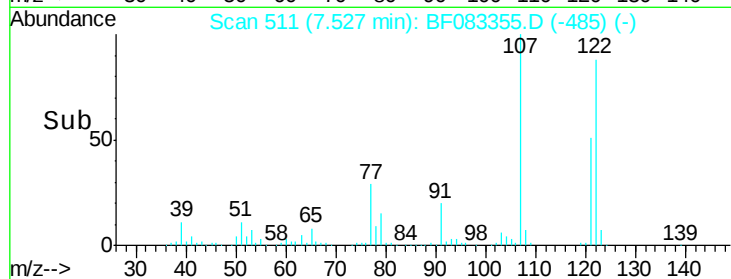
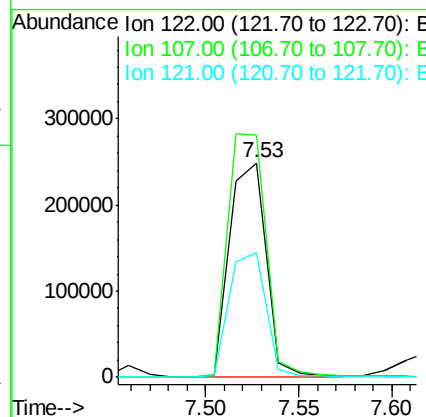
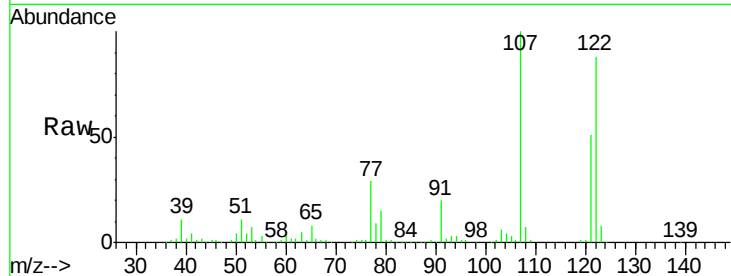
#27
 2,4-Dimethylphenol
 Concen: 32.79 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	346669		
107	113.2	91.2	136.8	
121	57.8	46.4	69.6	

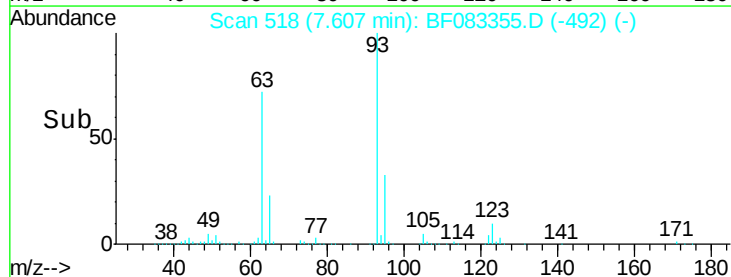
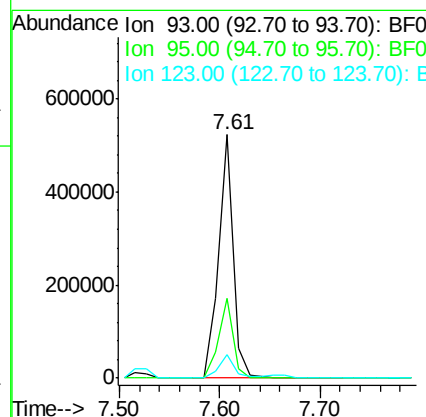
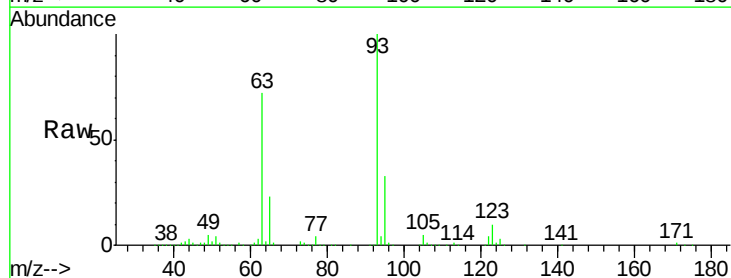
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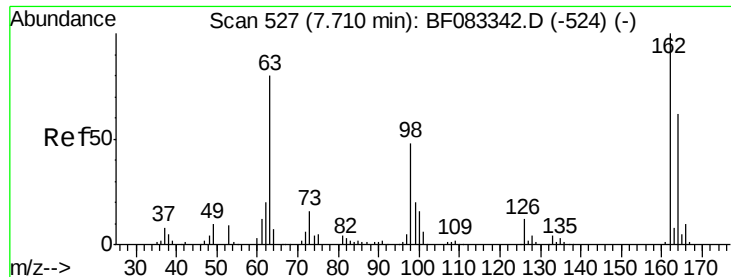
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.38 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	532645		
95	33.0	26.1	39.1	
123	9.8	7.4	11.0	





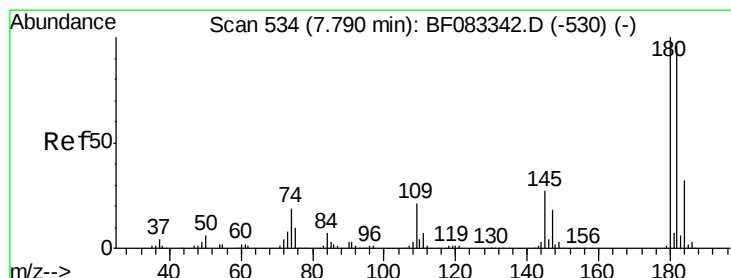
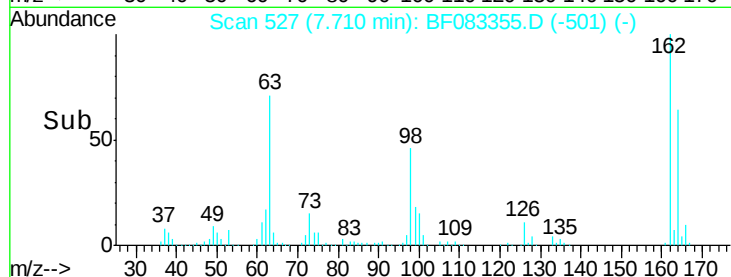
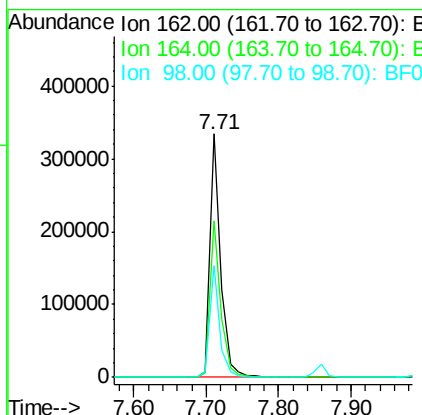
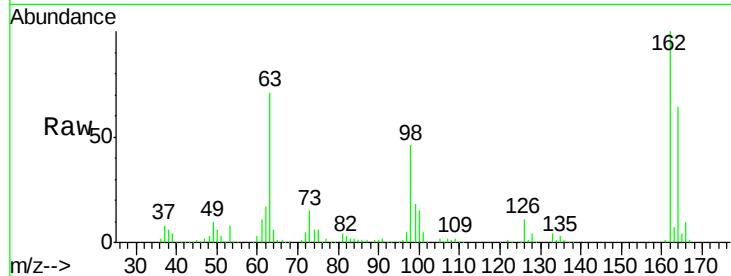
#29
 2,4-Dichlorophenol
 Concen: 33.60 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	341637		
164	64.2	41.9	81.9	
98	45.7	28.1	68.1	

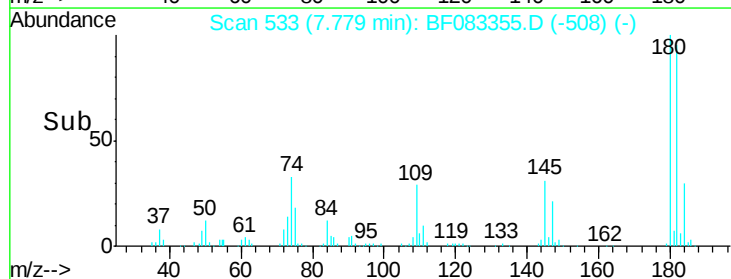
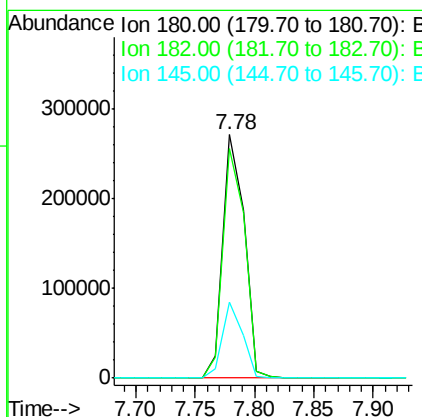
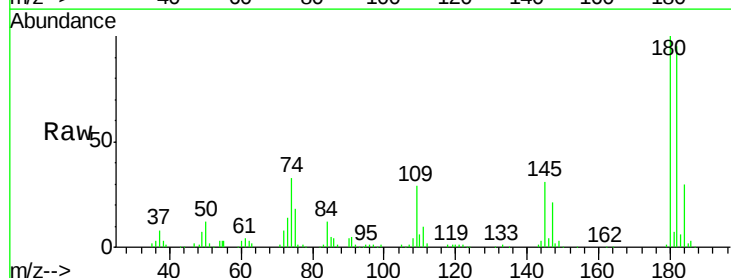
Manual Integrations
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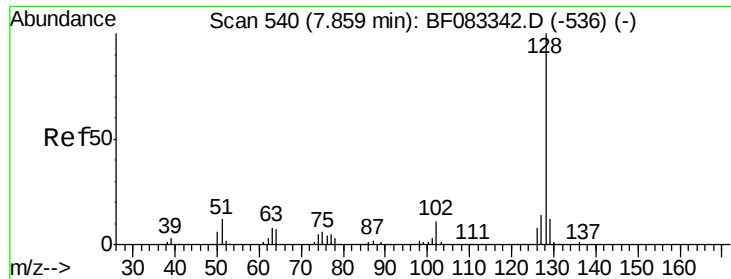
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 12/1/2015 6:35:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 30.64 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	339044		
182	94.5	77.2	115.8	
145	31.3	21.4	32.2	





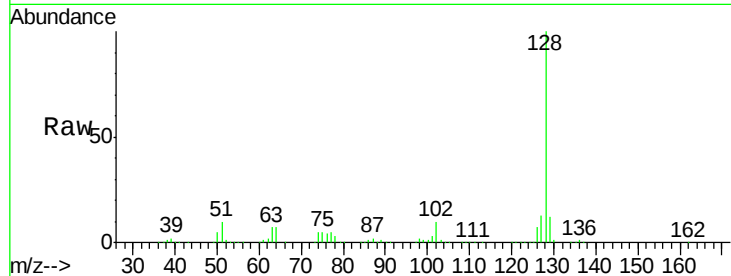
#31
Naphthalene
Concen: 32.60 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

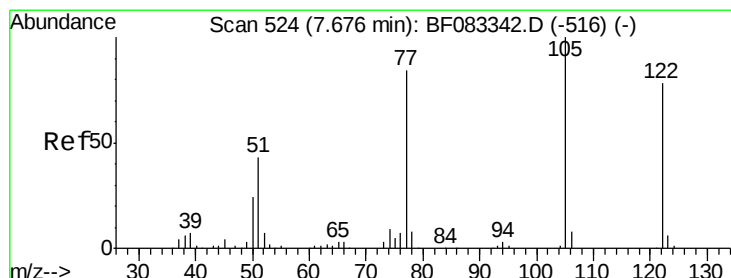
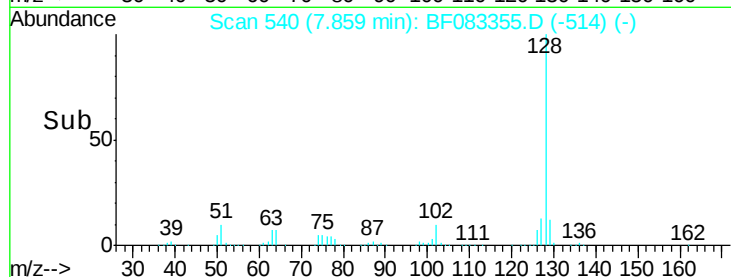
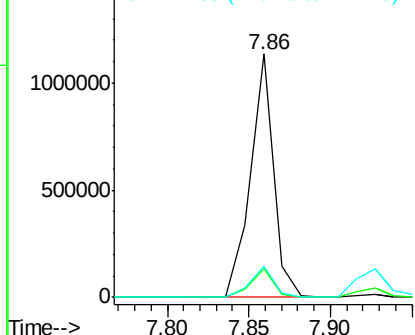
Tgt Ion:128 Resp: 1124849
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.1 11.0 16.4

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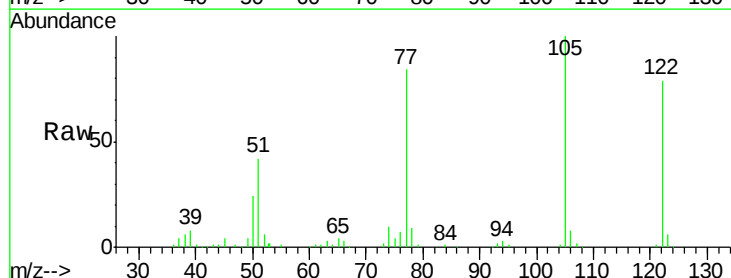


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

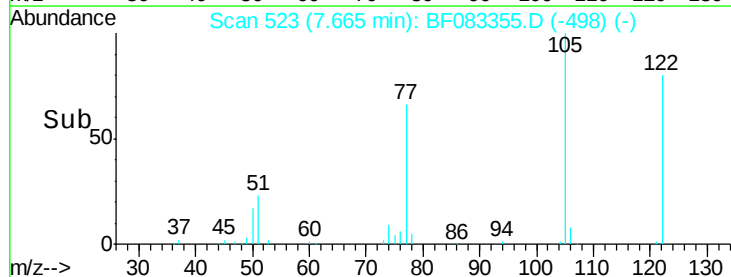
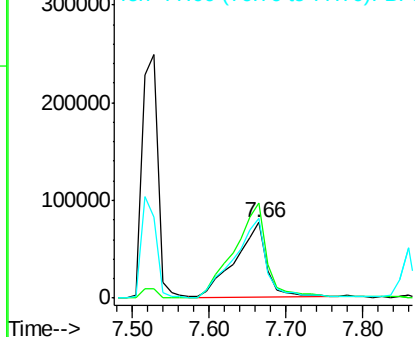


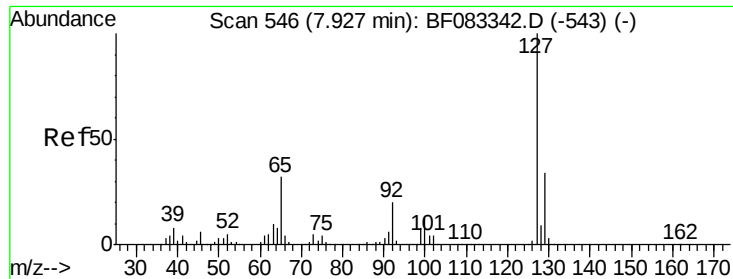
#32
Benzoic acid
Concen: 30.02 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:122 Resp: 218918
Ion Ratio Lower Upper
122 100
105 126.2 106.0 146.0
77 105.4 86.3 126.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





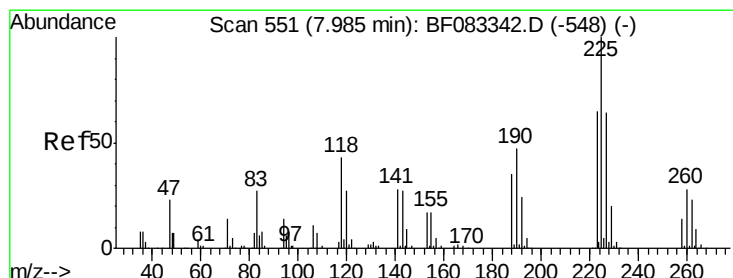
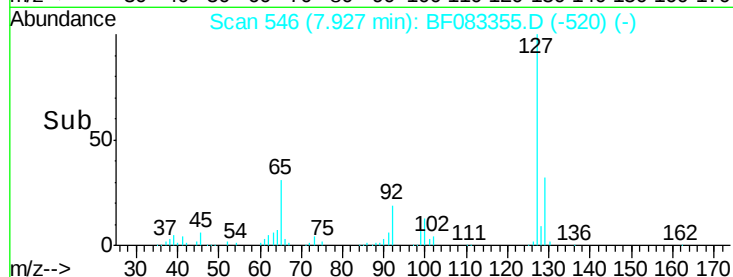
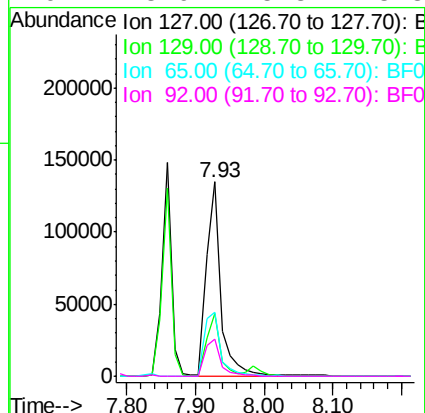
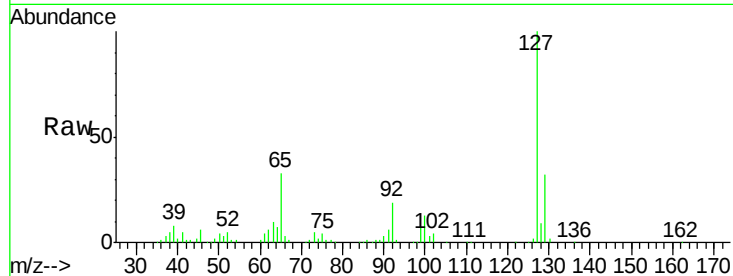
#33
4-Chloroaniline
Concen: 13.23 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	196854		
129	32.2	27.0	40.4	
65	32.8	25.9	38.9	
92	18.9	15.8	23.8	

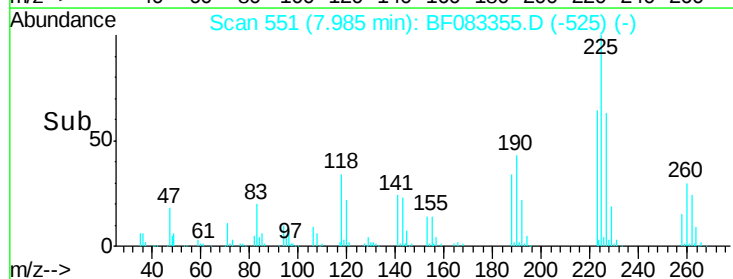
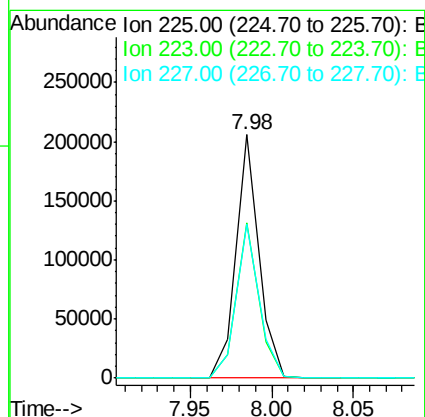
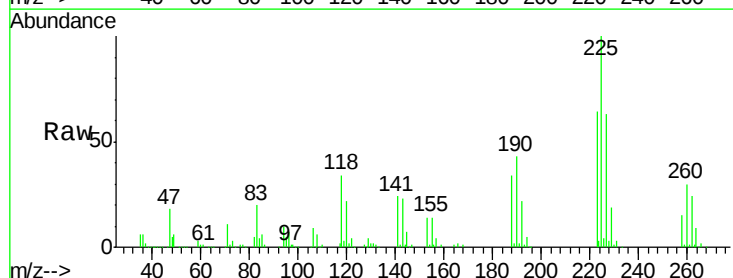
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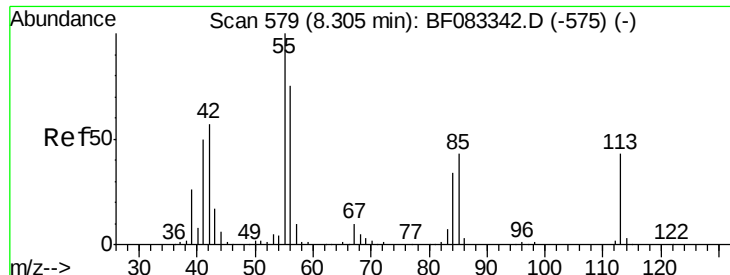
Mmdadoda
12/1/2015 6:35:04 PM



#34
Hexachlorobutadiene
Concen: 31.64 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198819		
223	63.9	52.0	78.0	
227	63.3	51.1	76.7	





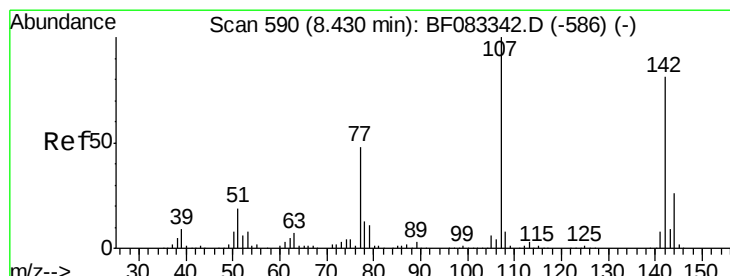
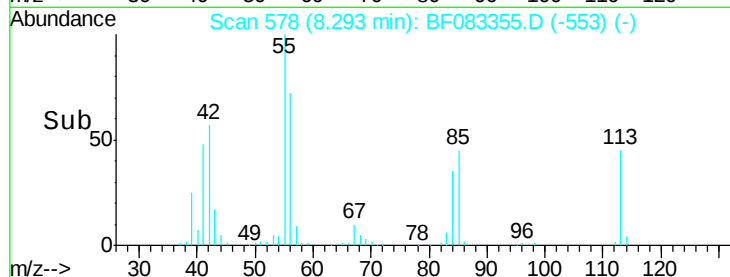
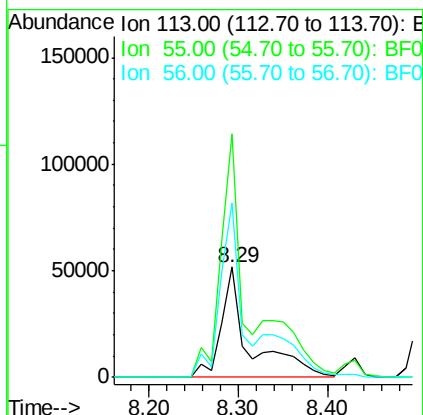
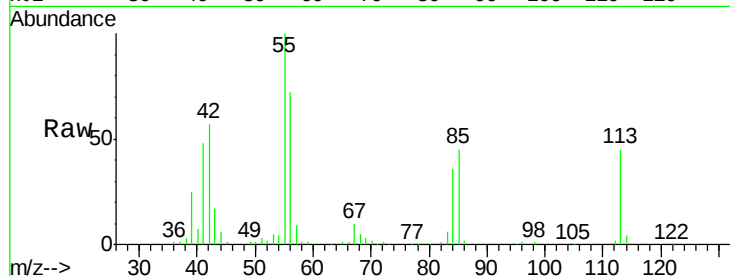
#35
 Caprolactam
 Concen: 35.36 ng m
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	113598		
55	221.4	211.6	251.6	
56	158.9	153.0	193.0	

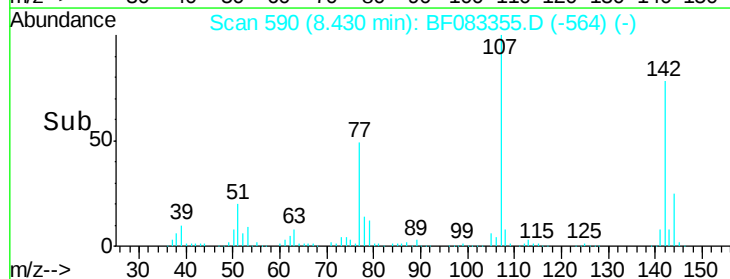
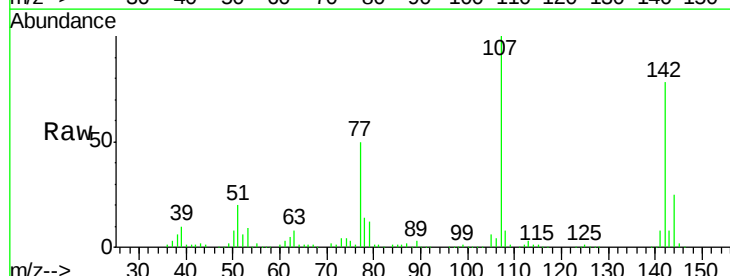
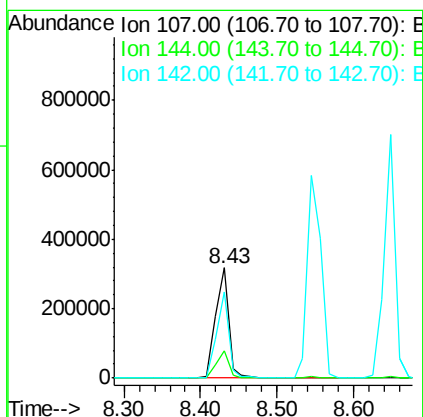
Manual Integrations
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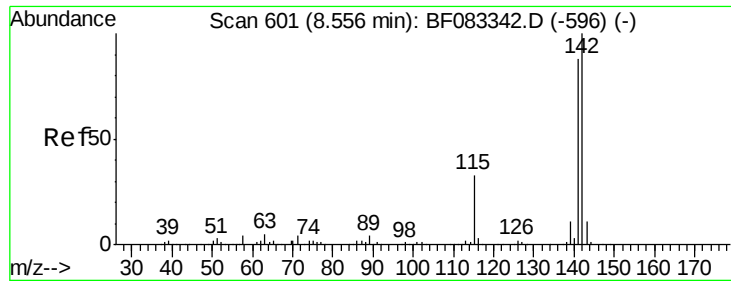
Mmdadoda
 12/1/2015 6:35:04 PM



#36
 4-Chloro-3-methylphenol
 Concen: 33.16 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

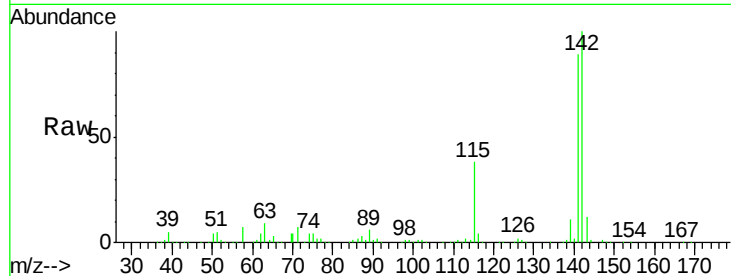
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	378226		
144	24.8	21.1	31.7	
142	77.7	65.1	97.7	





#37
 2-Methylnaphthalene
 Concen: 31.35 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

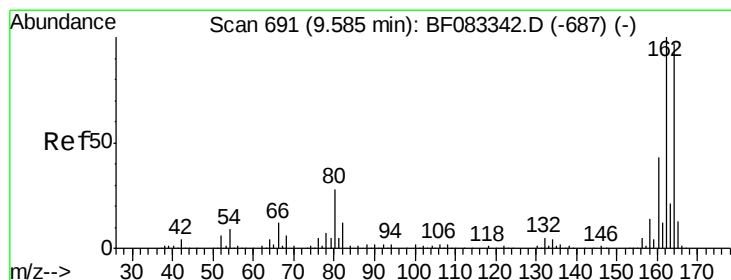
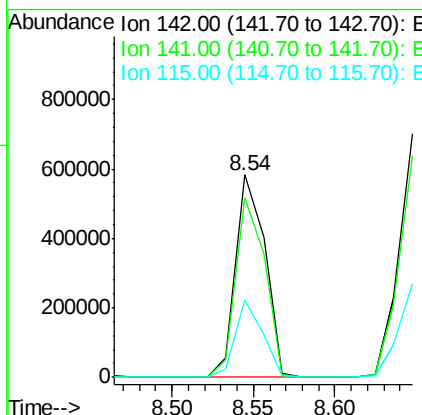
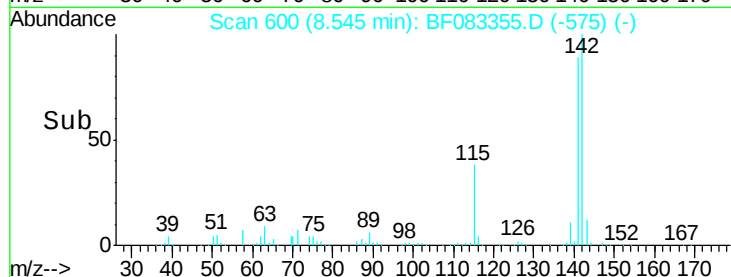
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD



Tgt Ion:	142	Resp:	722956
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.6	105.8
115	37.9	26.2	39.2

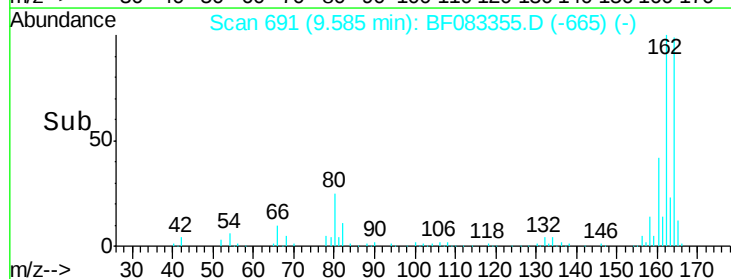
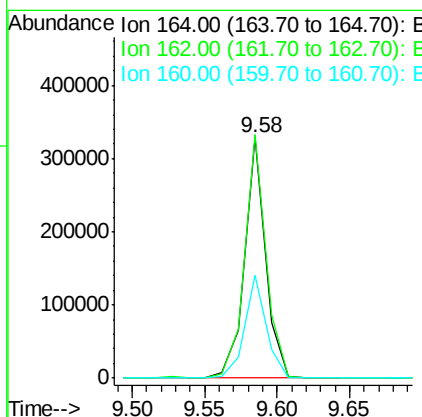
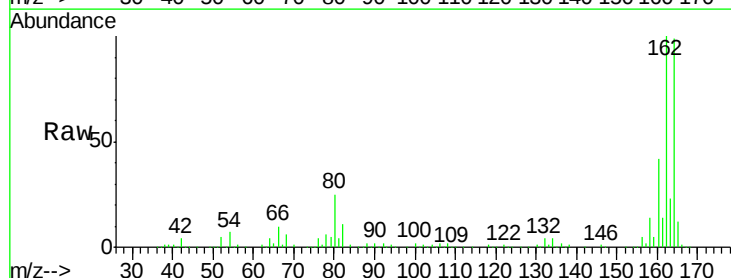
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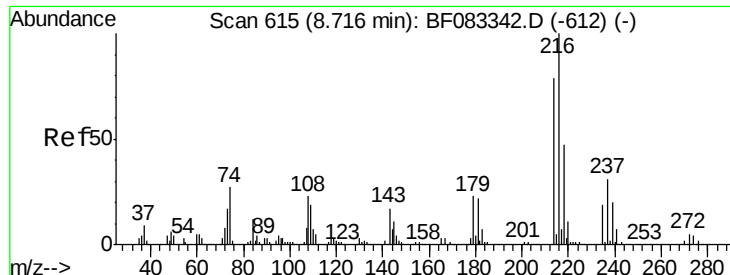
Mmdadoda
 12/1/2015 6:35:04 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:	164	Resp:	329018
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.6	123.8
160	43.0	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.74 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083355.D

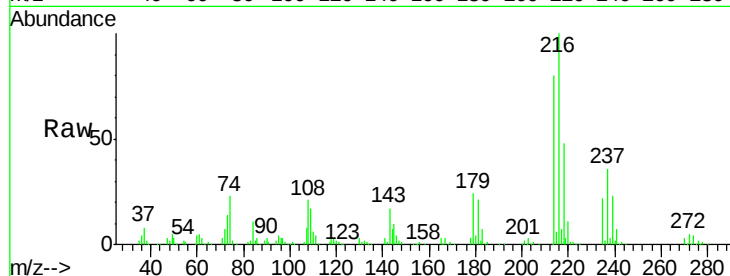
Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD



Tgt Ion:216 Resp: 320564

Ion Ratio Lower Upper

216 100

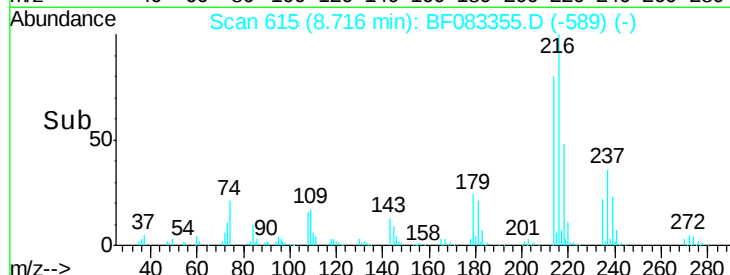
214 79.6 62.3 93.5

179 22.3 17.0 25.4

108 23.4 16.7 25.1

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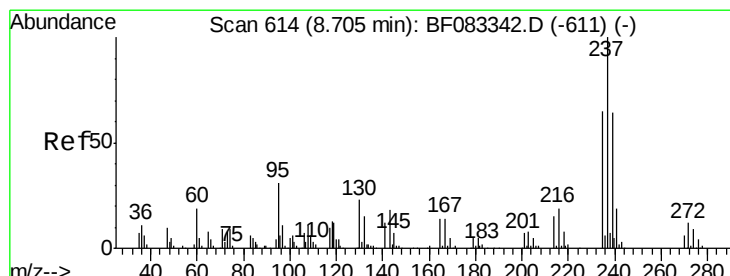
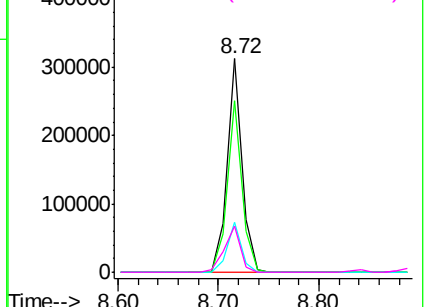


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.97 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

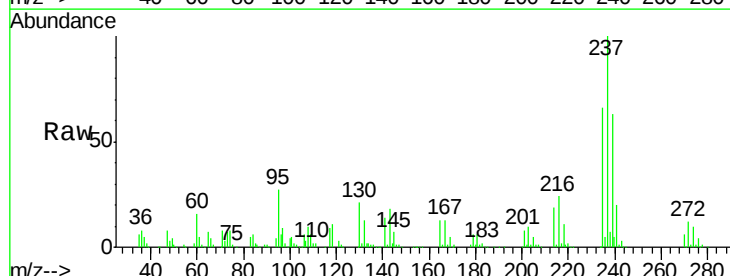
Tgt Ion:237 Resp: 316938

Ion Ratio Lower Upper

237 100

235 65.9 44.5 84.5

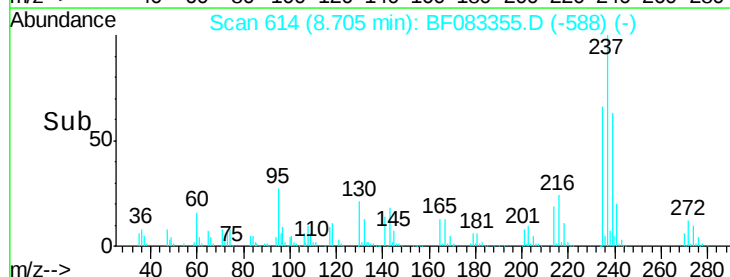
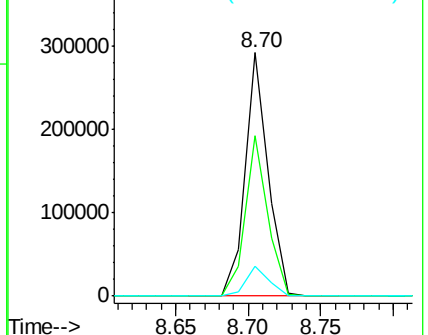
272 12.5 0.0 31.6

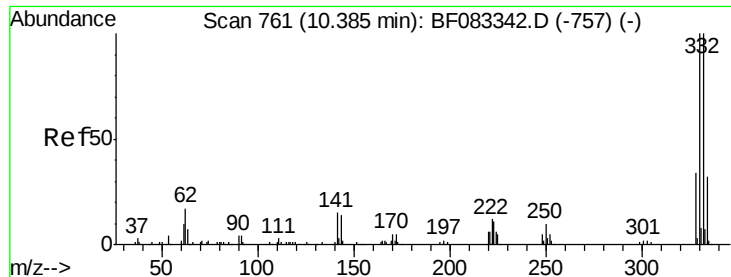


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





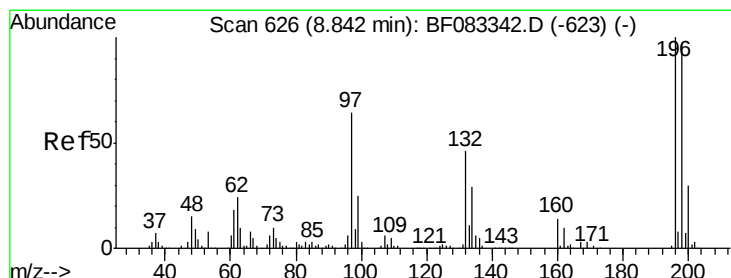
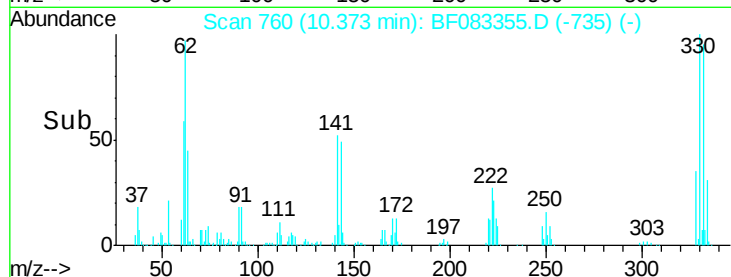
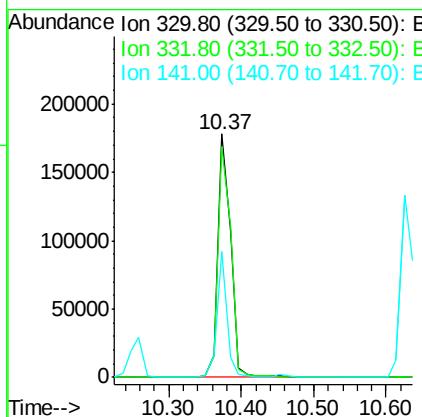
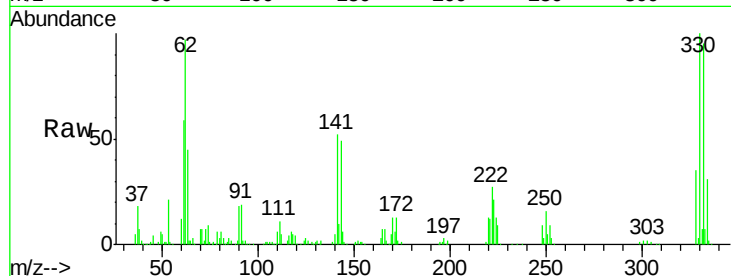
#41
 2,4,6-Tribromophenol
 Concen: 66.07 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	218214		
332	97.4	77.8	116.6	
141	40.0	29.4	44.0	

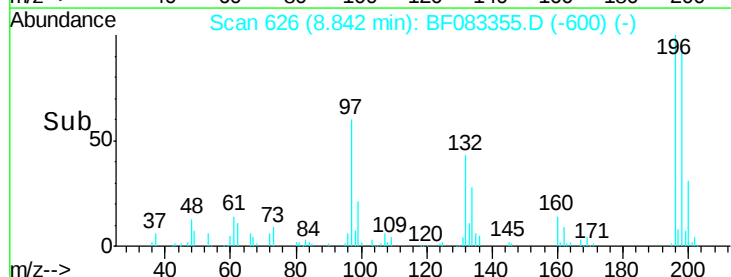
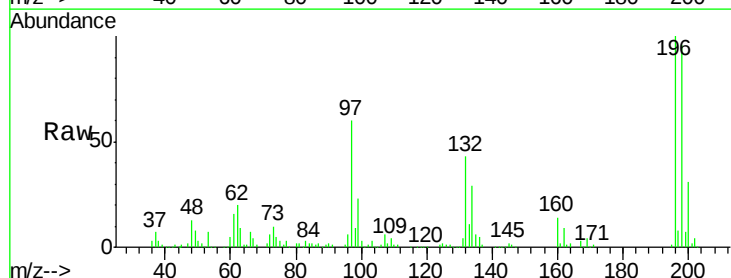
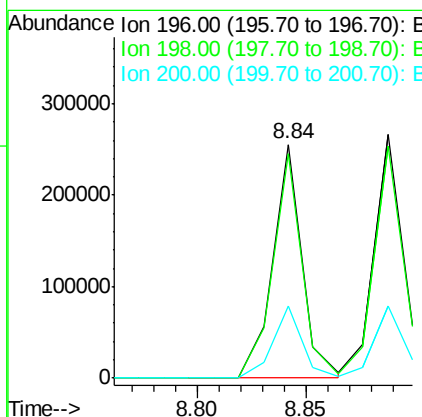
Manual Integrations
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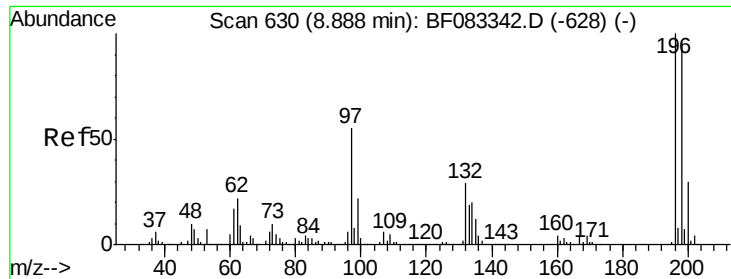
Mmdadoda
 12/1/2015 6:35:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.08 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

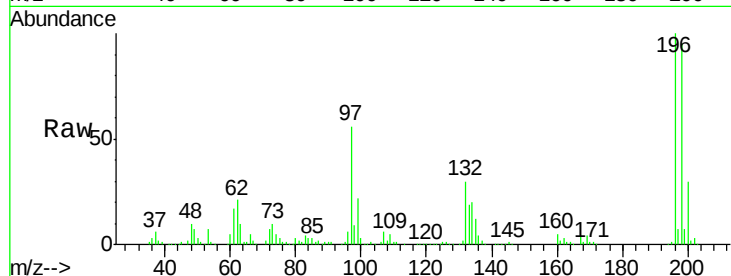
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242015		
198	95.9	77.2	115.8	
200	30.8	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 34.21 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

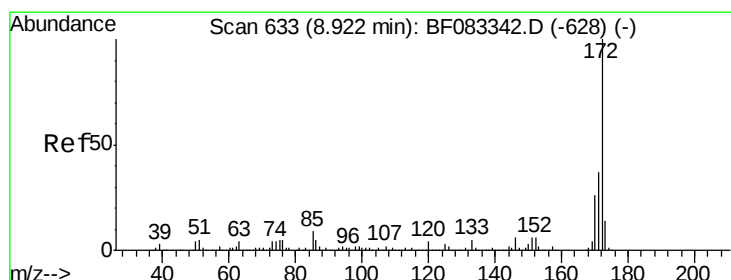
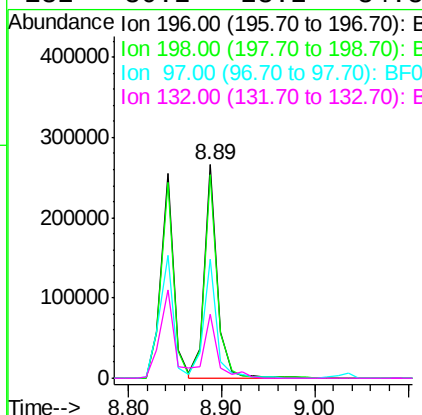
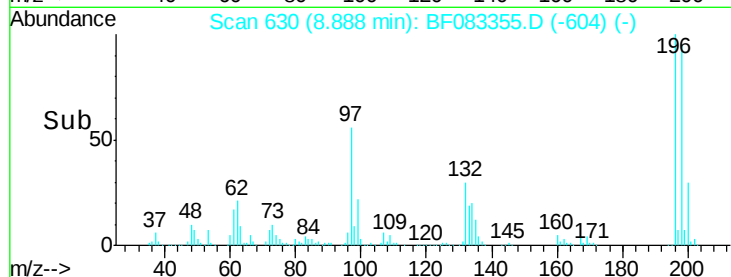
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259333		
198	95.3	77.2	115.8	
97	55.7	44.4	66.6	
132	30.2	23.2	34.8	

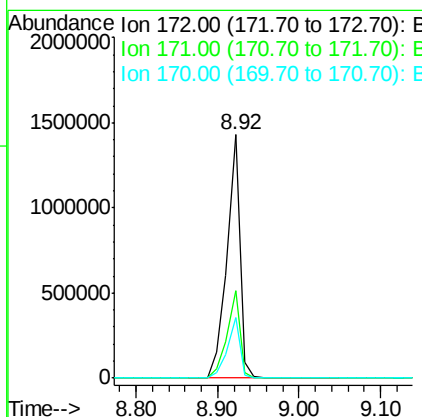
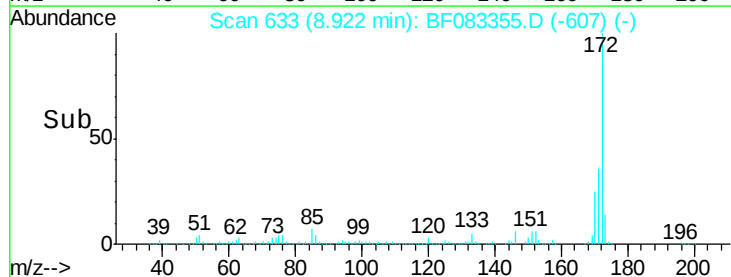
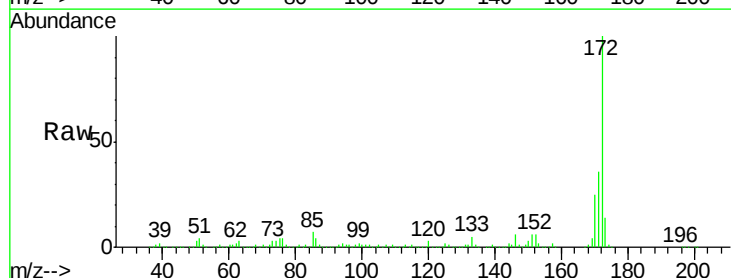
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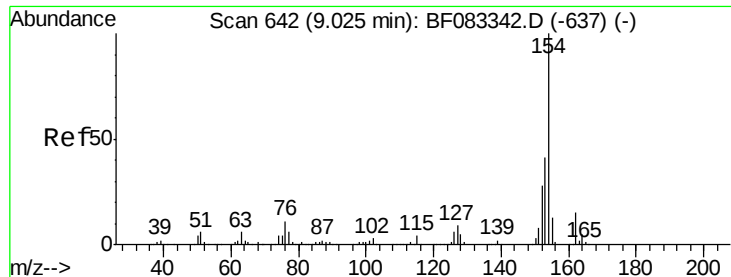
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#44
 2-Fluorobiphenyl
 Concen: 68.09 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1572018		
171	35.8	29.4	44.0	
170	25.1	20.4	30.6	





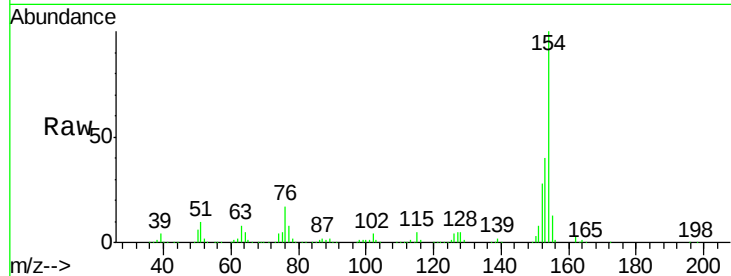
#45
 1,1'-Biphenyl
 Concen: 30.27 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

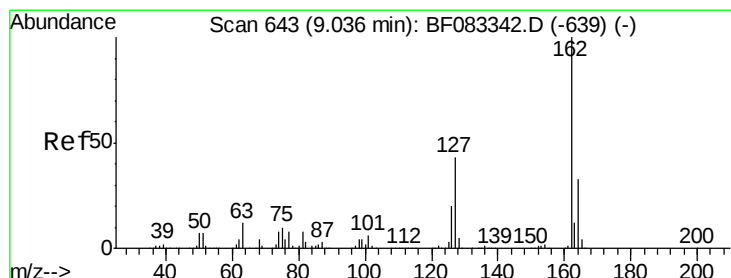
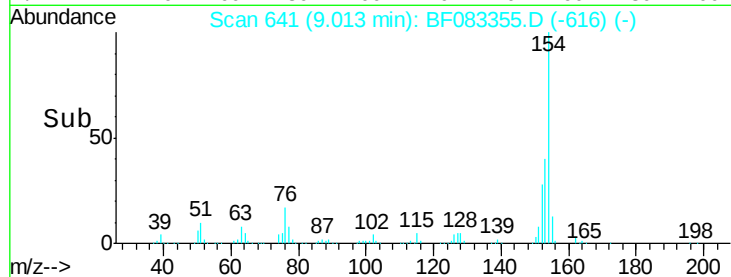
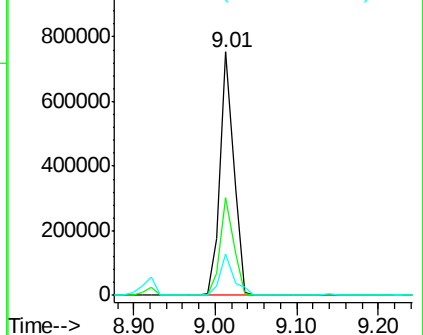
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	873501		
153	40.0	20.6	60.6	
76	17.2	0.0	30.5	

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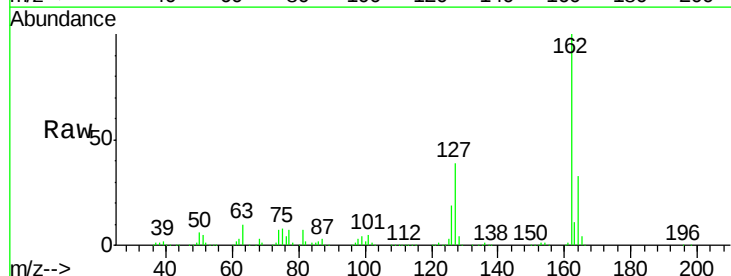


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

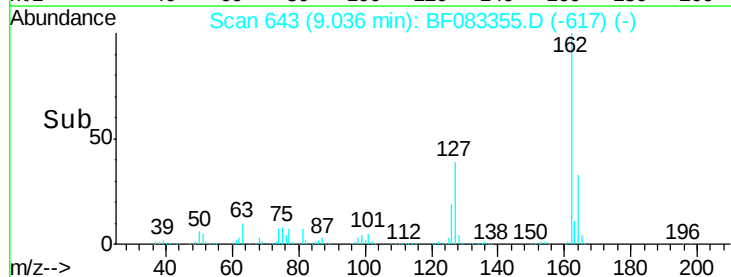
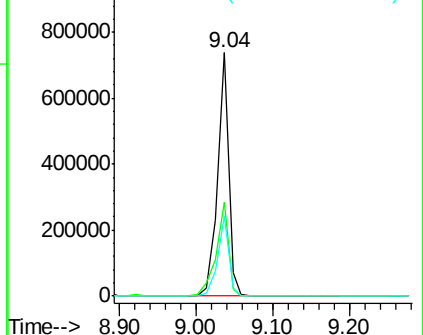


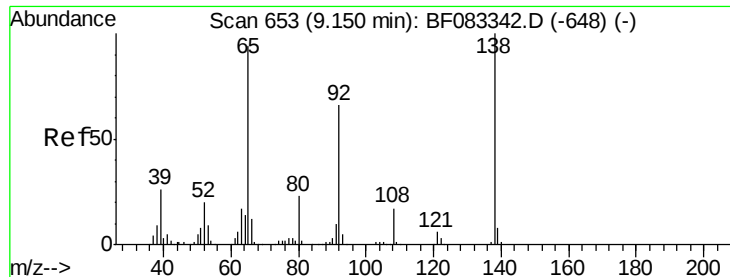
#46
 2-Chloronaphthalene
 Concen: 33.52 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	736947		
127	38.5	34.1	51.1	
164	33.0	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: 30.63 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

Tgt Ion: 65 Resp: 266716
Ion Ratio Lower Upper

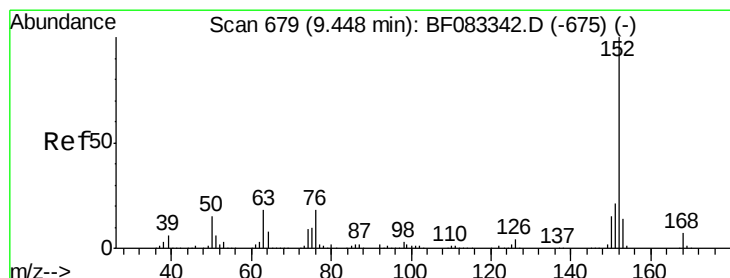
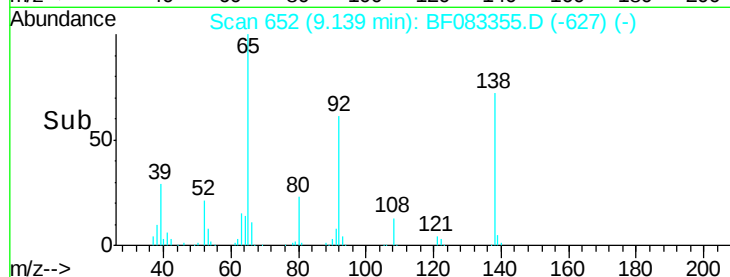
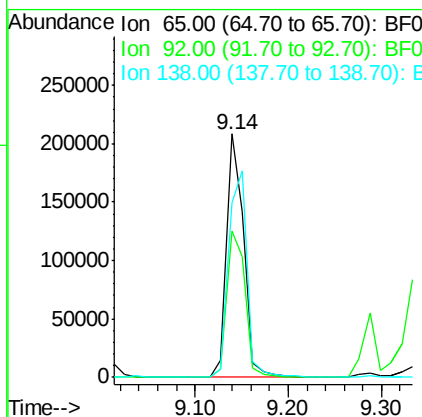
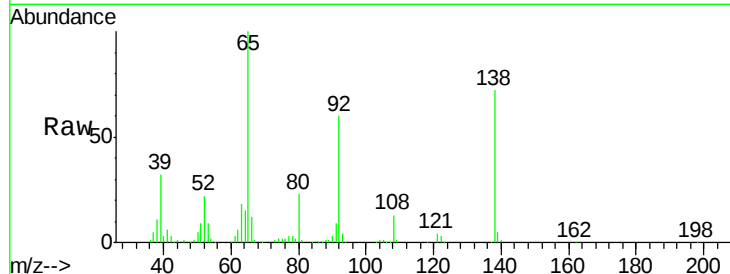
65 100

92 60.2 56.2 84.4

138 71.6 85.4 128.0#

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#48

Acenaphthylene

Concen: 33.04 ng

RT: 9.45 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF083355.D

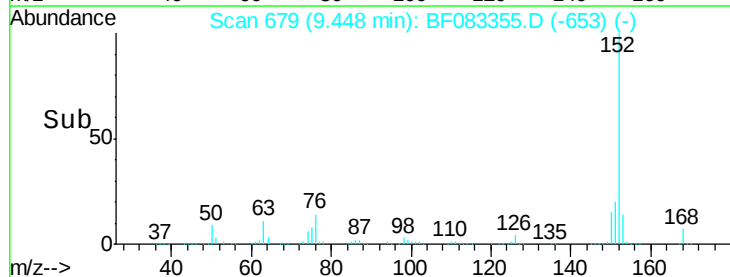
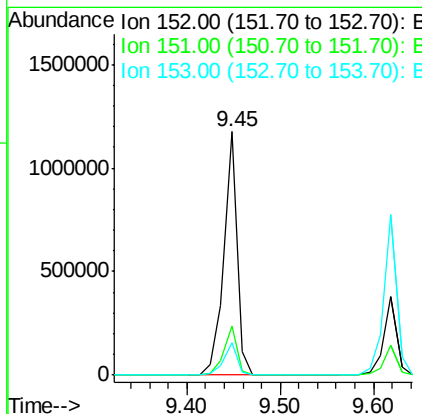
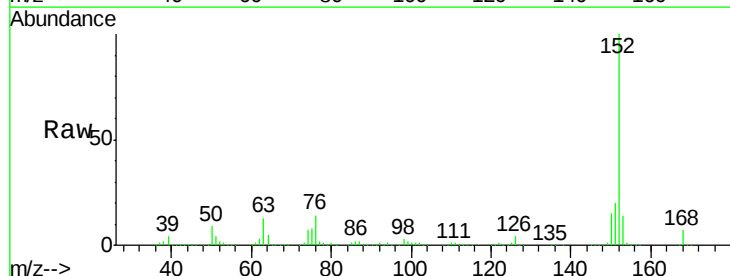
Acq: 1 Dec 2015 1:42

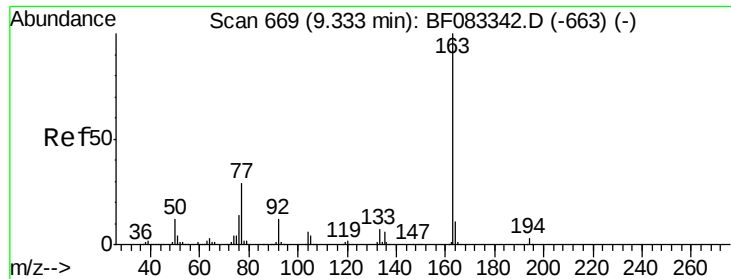
Tgt Ion: 152 Resp: 1158621
Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

153 13.6 11.2 16.8





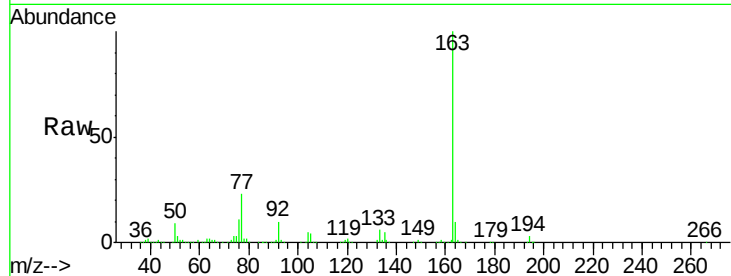
#49
Dimethylphthalate
Concen: 32.61 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

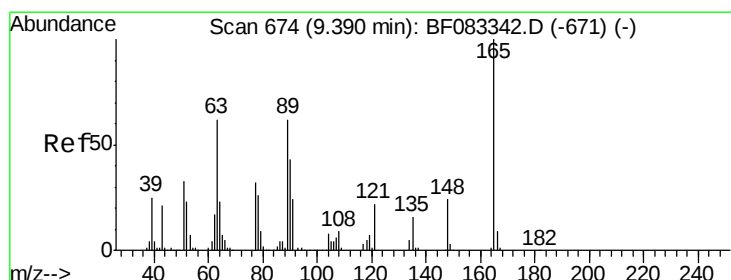
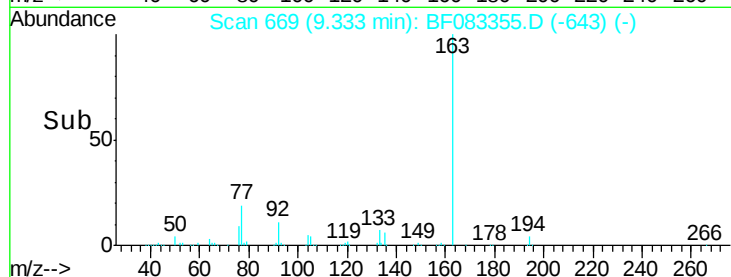
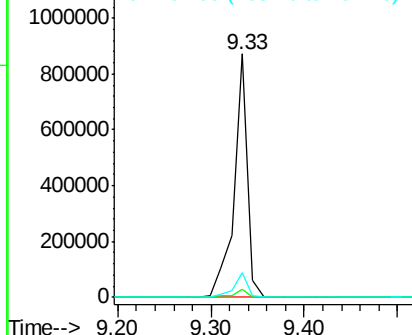
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	871889		
194	3.5	2.7	4.1	
164	10.4	8.8	13.2	

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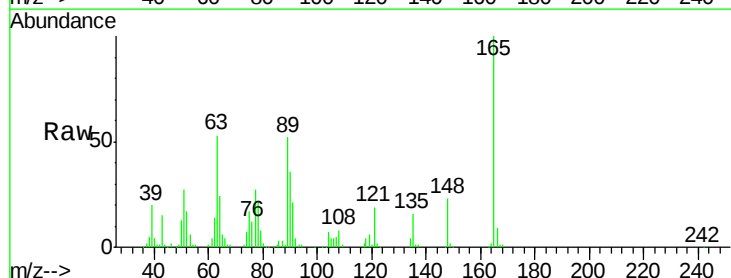


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

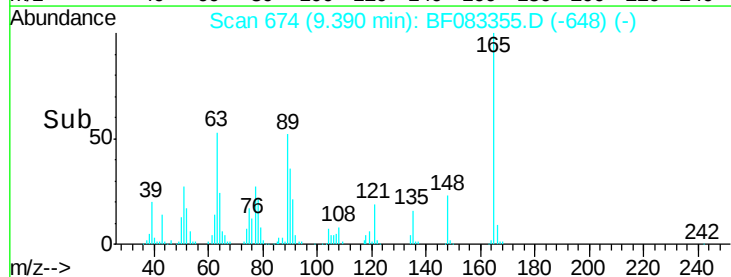
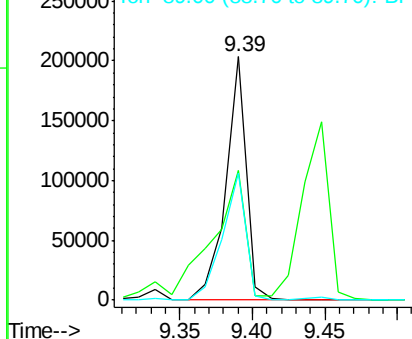


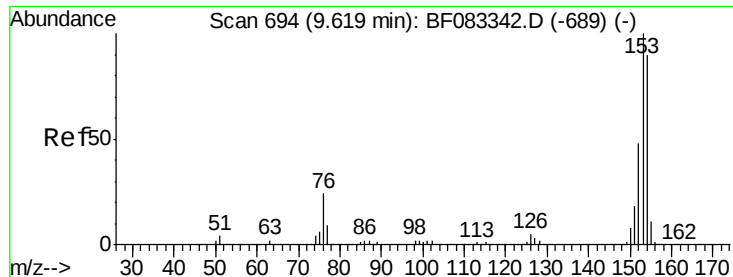
#50
2,6-Dinitrotoluene
Concen: 34.80 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198735		
63	53.1	56.0	84.0#	
89	52.5	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: 32.59 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083355.D

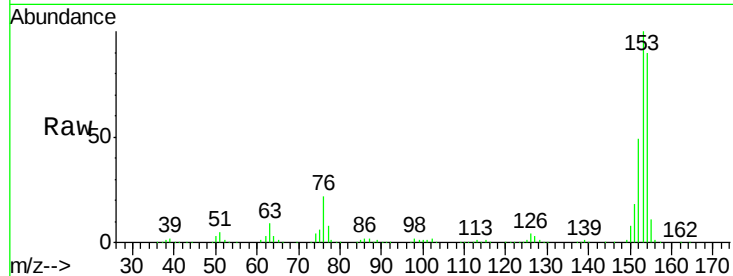
Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

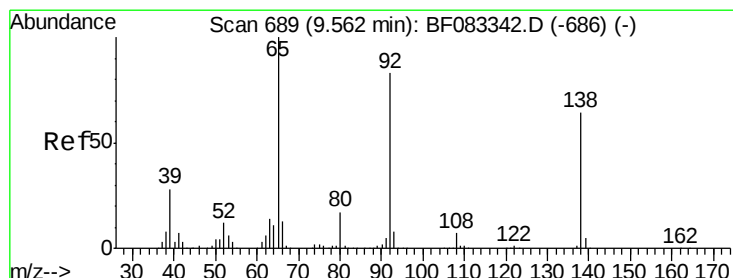
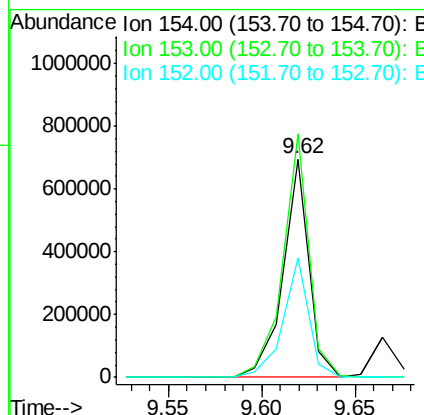
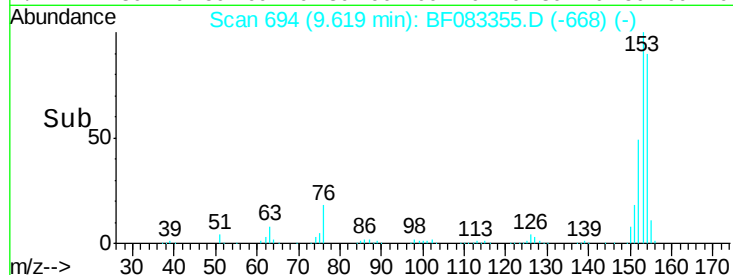
PB86847BSD



Tgt Ion:	154	Resp:	672370
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.3	133.9
152	54.5	42.5	63.7

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#52

3-Nitroaniline

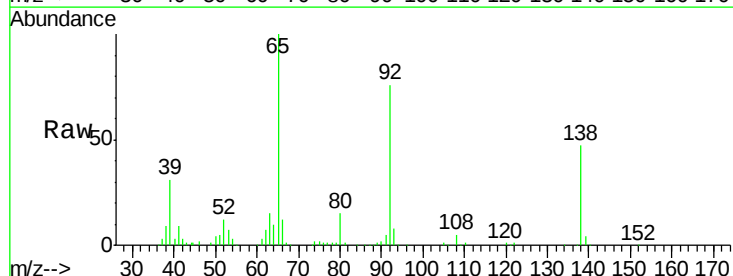
Concen: 15.79 ng

RT: 9.55 min Scan# 688

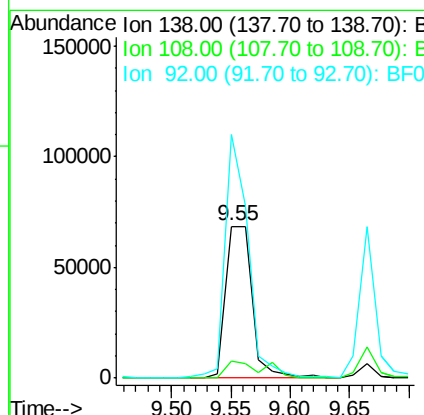
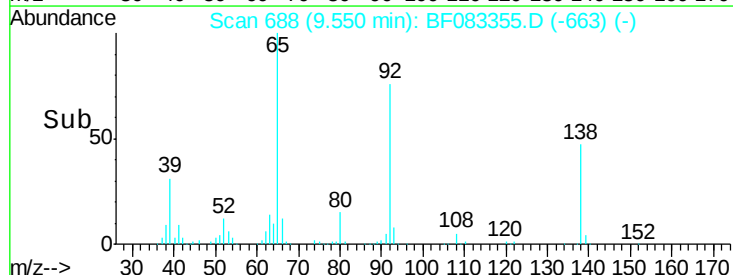
Delta R.T. -0.01 min

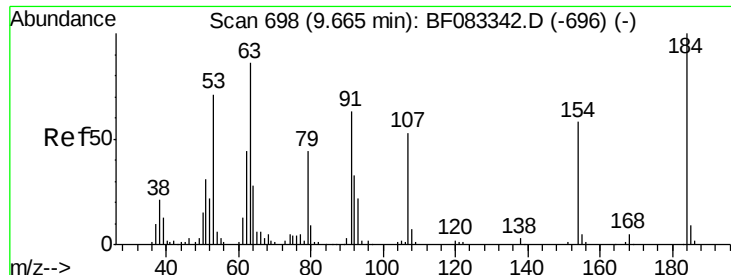
Lab File: BF083355.D

Acq: 1 Dec 2015 1:42



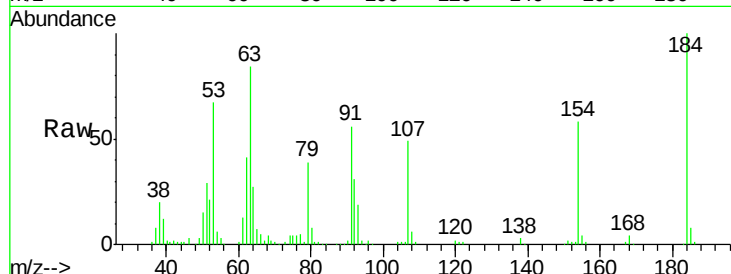
Tgt Ion:	138	Resp:	105670
Ion Ratio	Lower	Upper	
138	100		
108	11.2	8.4	12.6
92	160.5	104.2	156.4#





#53
 2,4-Dinitrophenol
 Concen: 65.49 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

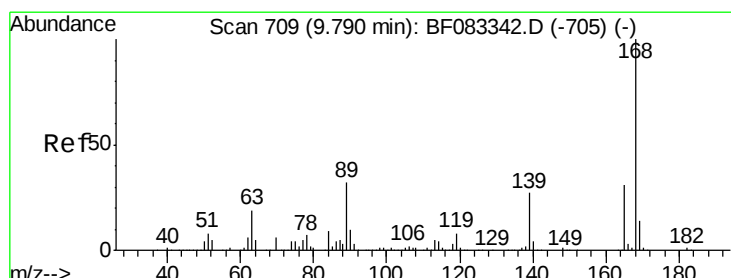
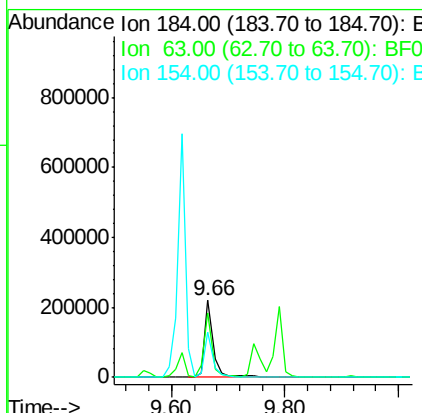
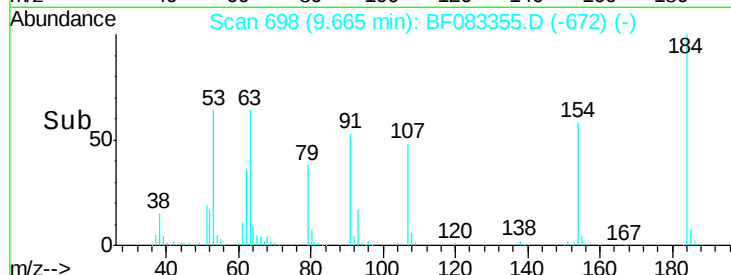
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD



Tgt Ion:184 Resp: 224416
 Ion Ratio Lower Upper
 184 100
 63 83.5 69.0 103.6
 154 58.2 50.0 75.0

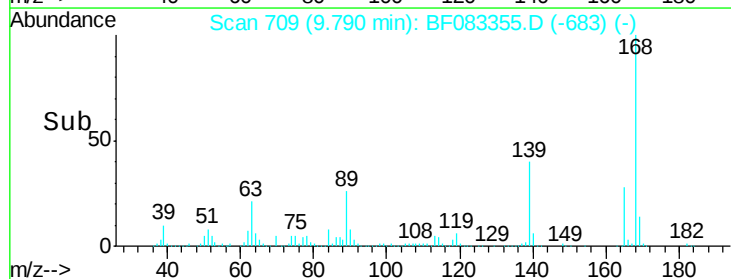
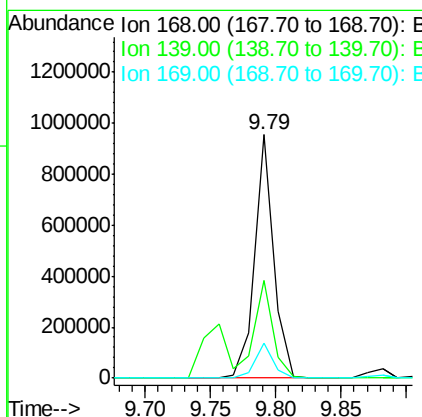
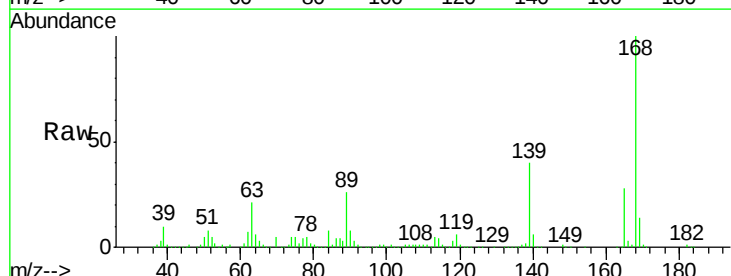
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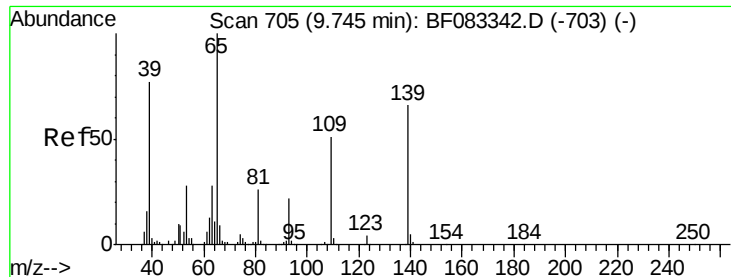
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#54
 Dibenzofuran
 Concen: 32.19 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:168 Resp: 973212
 Ion Ratio Lower Upper
 168 100
 139 40.1 32.7 49.1
 169 14.1 11.1 16.7





#55

4-Nitrophenol

Concen: 66.24 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

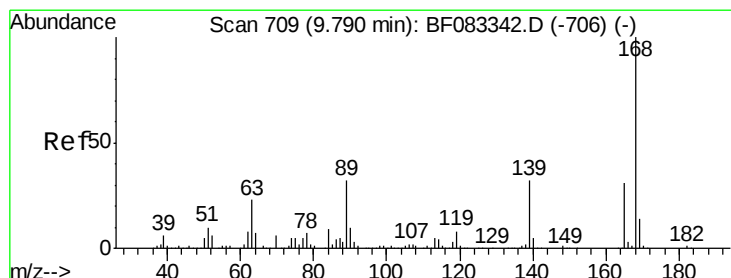
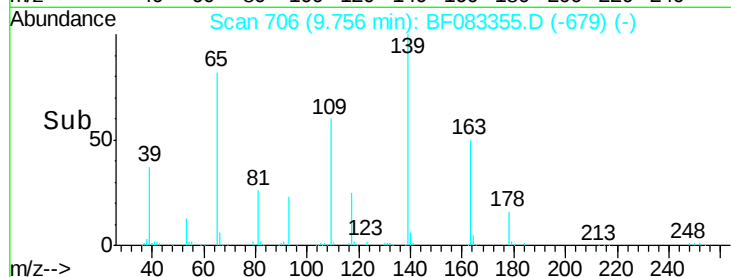
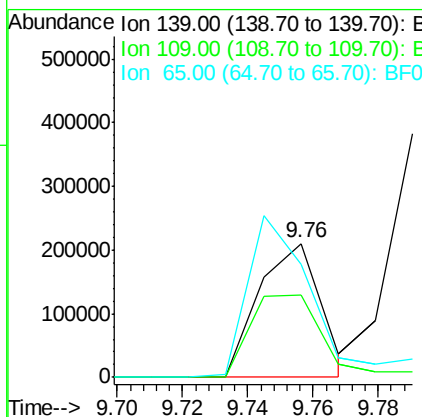
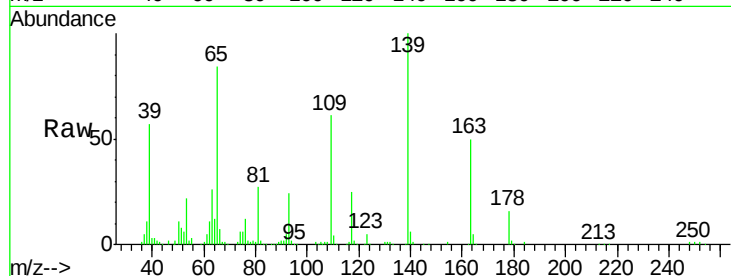
ClientSampled :

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Tgt Ion:	139	Resp:	277290
Ion Ratio	Lower	Upper	
139	100		
109	61.1	57.4	97.4
65	84.3	131.6	171.6#



#56

2,4-Dinitrotoluene

Concen: 34.24 ng

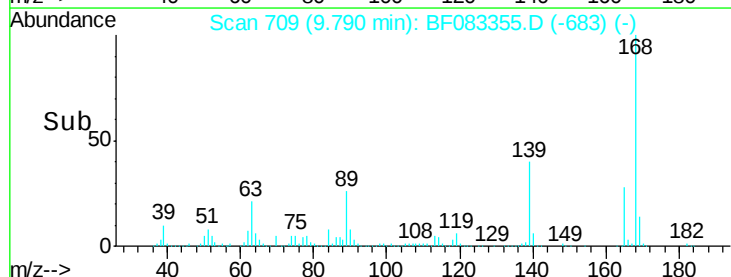
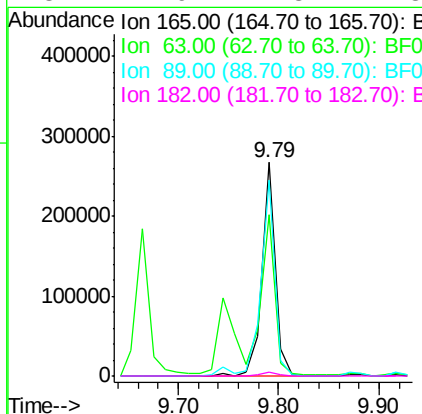
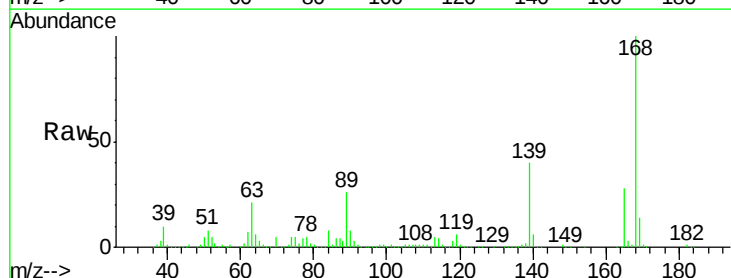
RT: 9.79 min Scan# 709

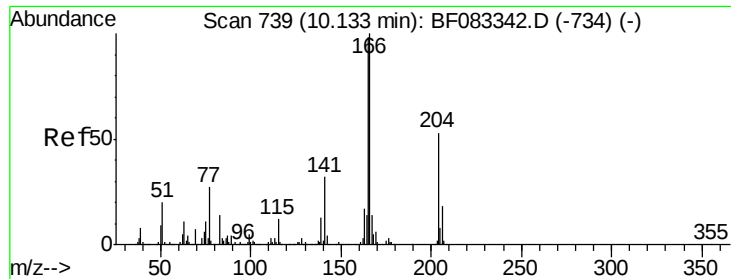
Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion:	165	Resp:	248073
Ion Ratio	Lower	Upper	
165	100		
63	75.4	65.4	98.0
89	91.6	81.2	121.8
182	1.9	1.8	2.8





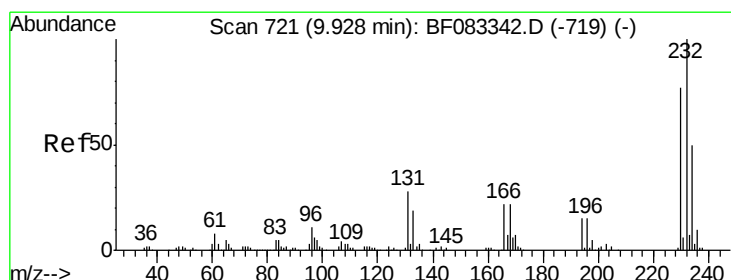
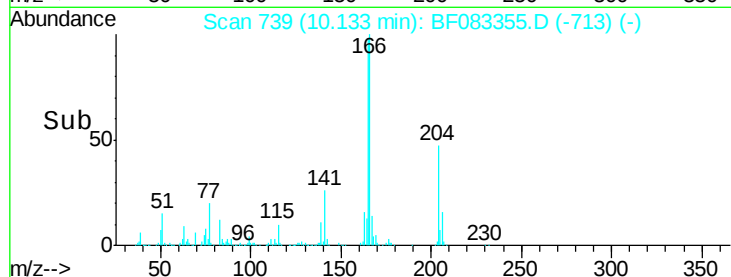
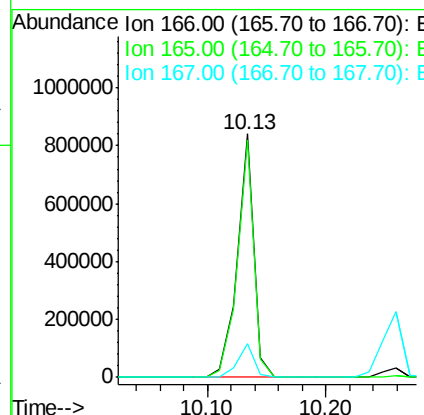
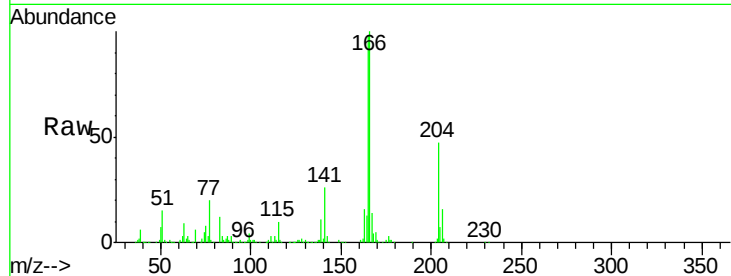
#57
Fluorene
 Concen: 34.14 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	78.3	117.5	
167	13.7	11.1	16.7	

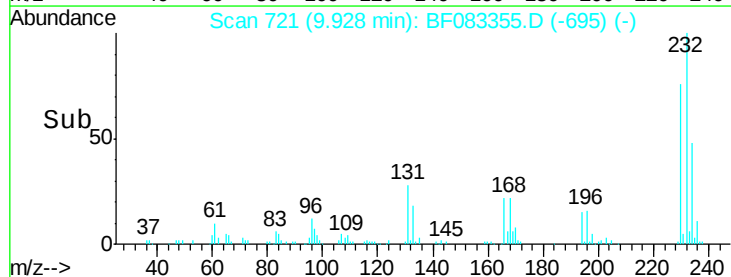
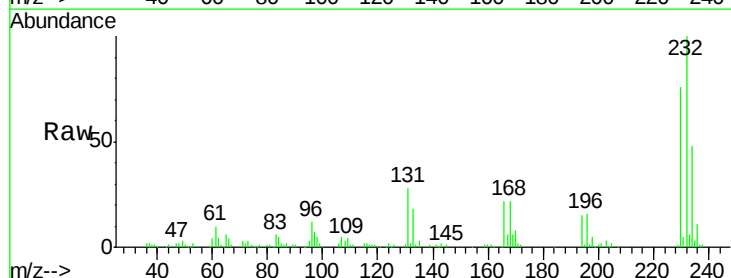
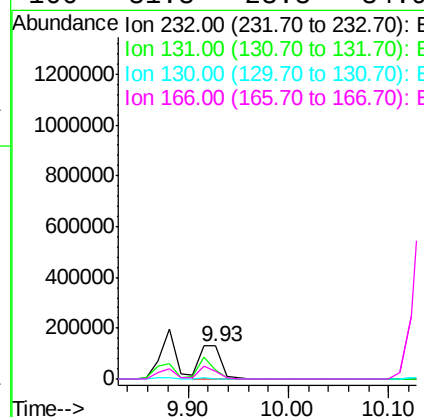
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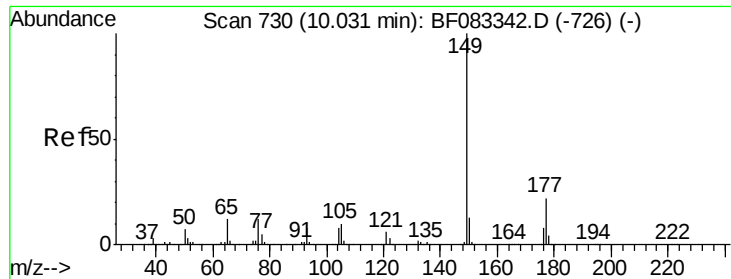
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.58 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.2	35.4	53.2	
130	2.2	1.7	2.5	
166	31.3	23.3	34.9	





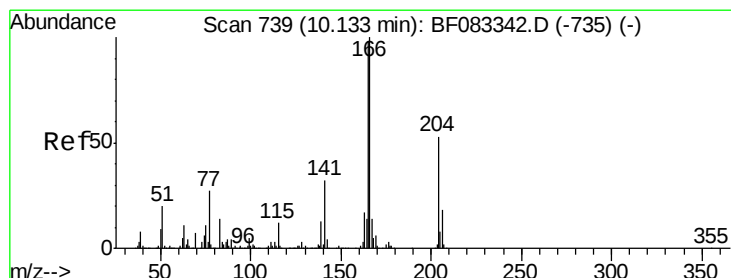
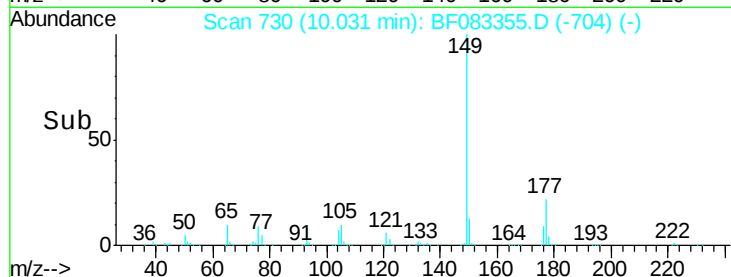
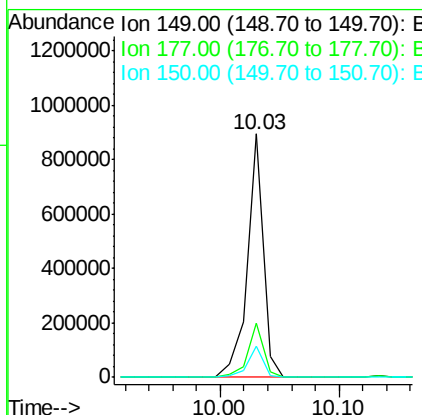
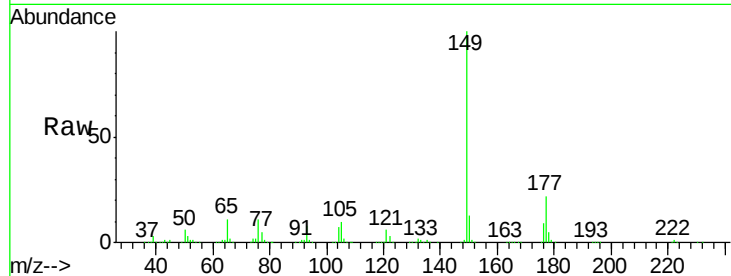
#59
Diethylphthalate
Concen: 33.10 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	843650		
177	22.4	17.4	26.2	
150	12.7	10.4	15.6	

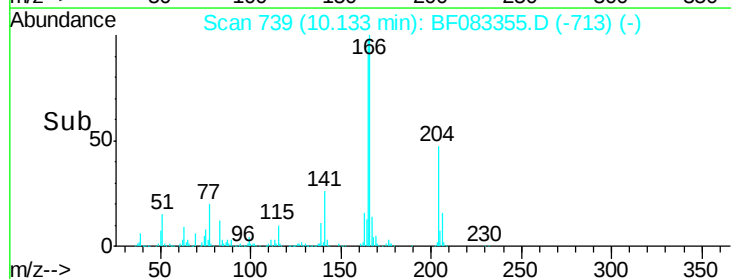
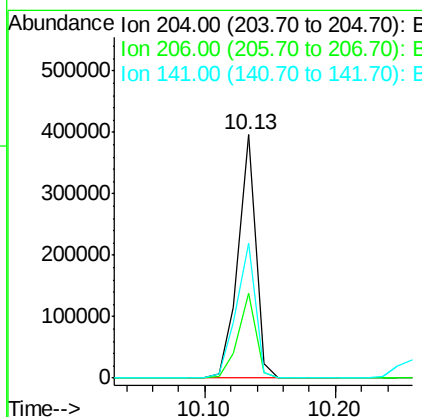
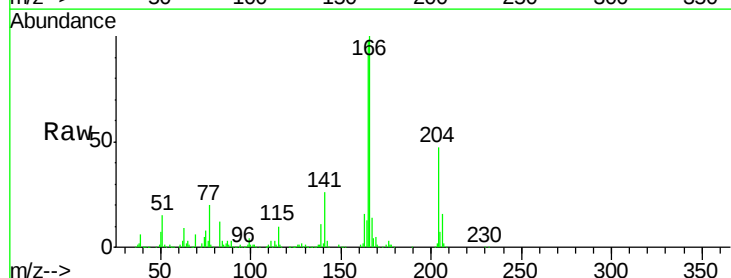
Manual Integrations
APPROVED

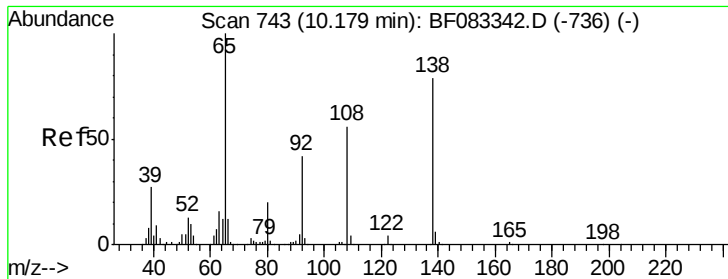
Mmdadoda
12/1/2015 6:35:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.07 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373708		
206	34.7	27.5	41.3	
141	55.4	48.1	72.1	





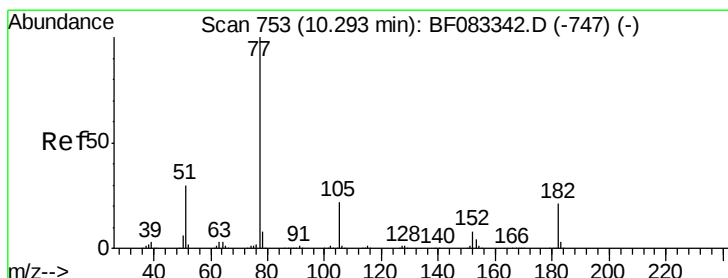
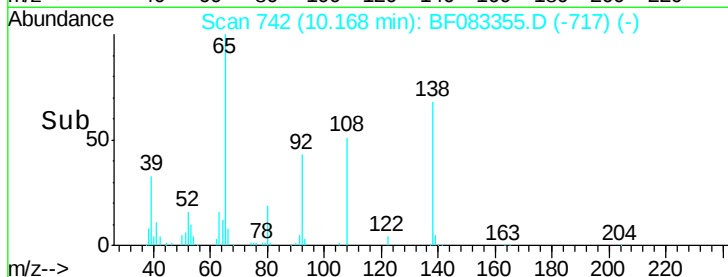
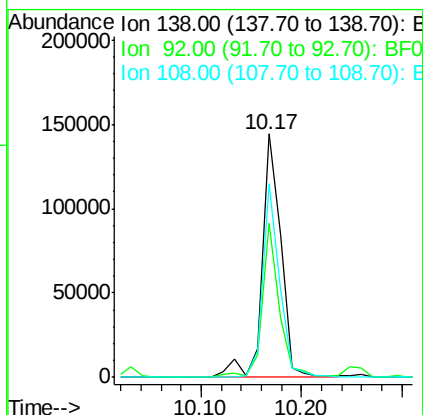
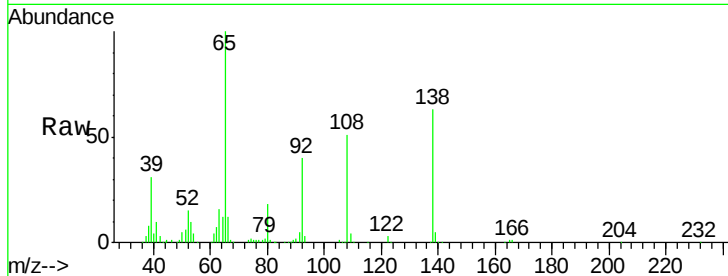
#61
4-Nitroaniline
Concen: 27.93 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	187031		
92	63.1	33.6	73.6	
108	79.7	51.0	91.0	

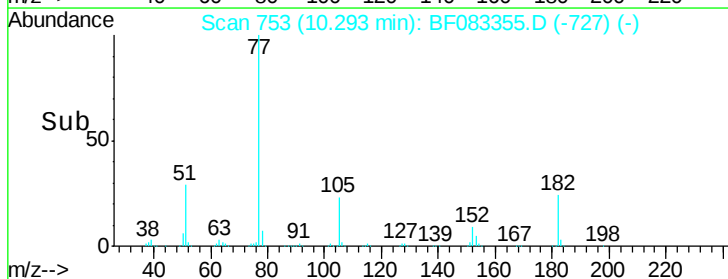
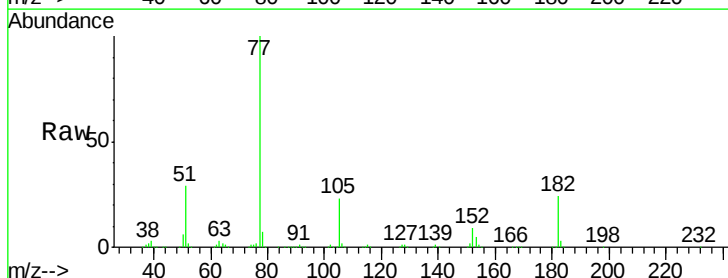
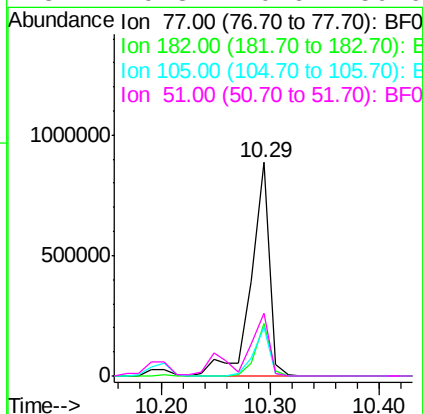
Manual Integrations
APPROVED

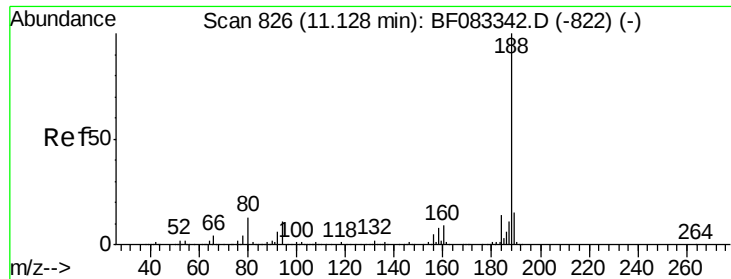
Mmdadoda
12/1/2015 6:35:04 PM



#62
Azobenzene
Concen: 33.68 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1036884		
182	24.3	0.8	40.8	
105	23.0	2.3	42.3	
51	29.3	10.6	50.6	





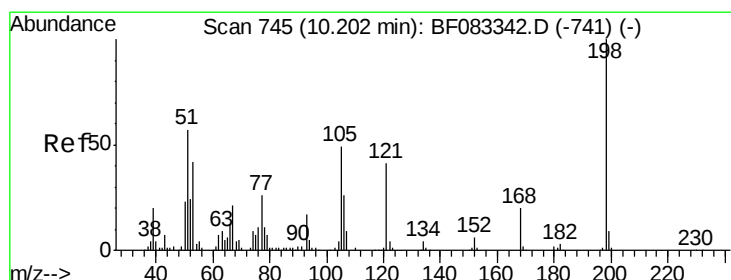
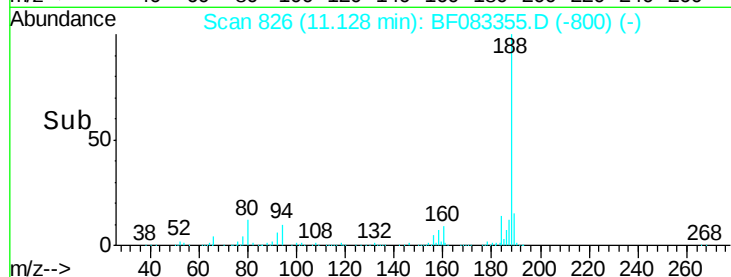
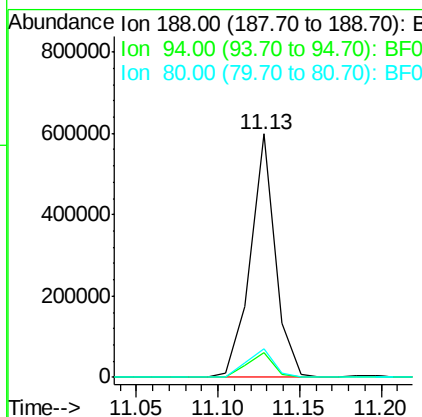
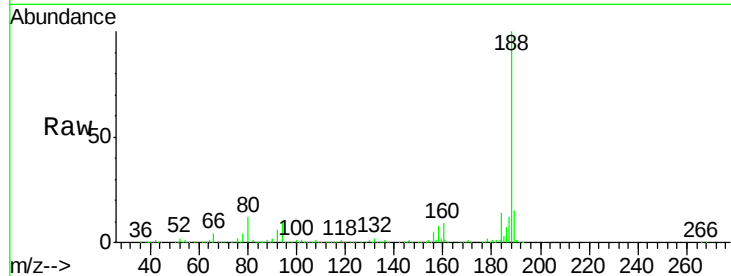
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	634282		
94	10.3		8.7	13.1
80	11.8		10.3	15.5

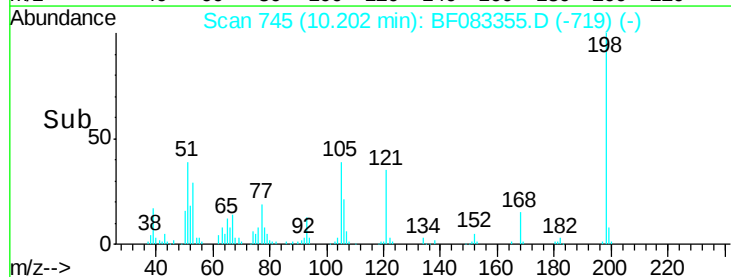
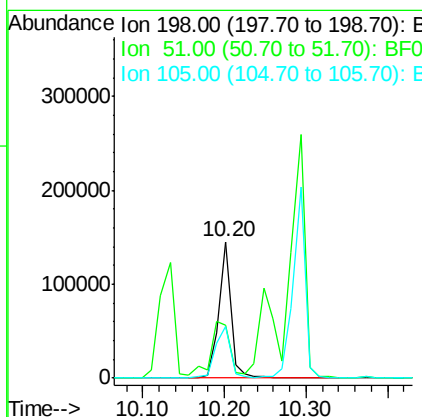
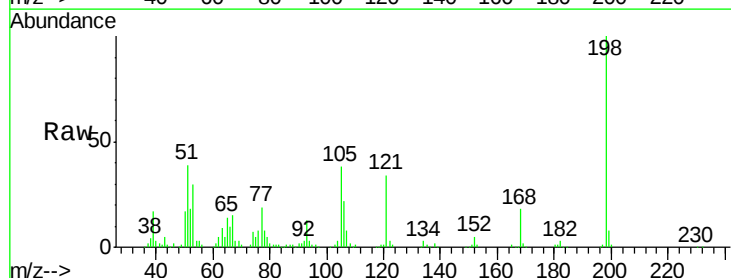
Manual Integrations
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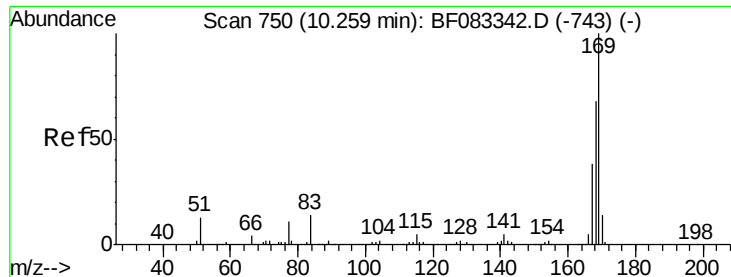
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12/1/2015 6:35:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.56 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	151439		
51	38.7		38.3	78.3
105	38.3		29.2	69.2





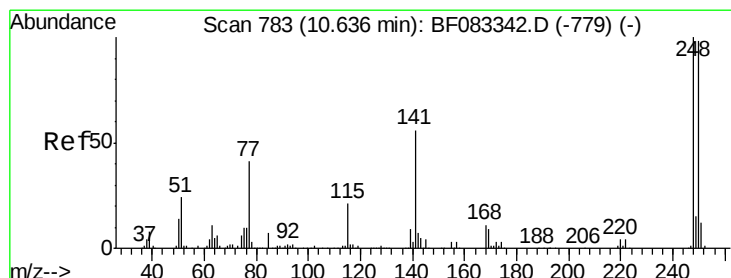
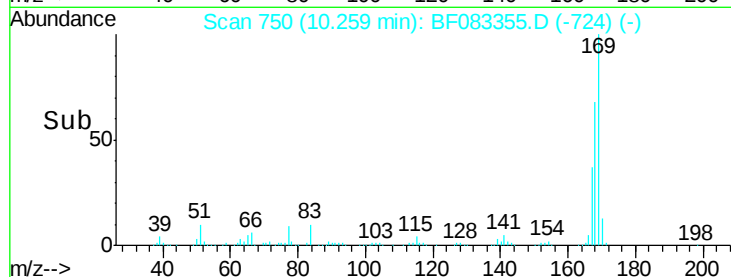
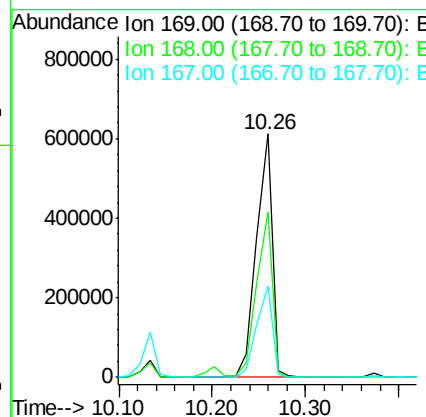
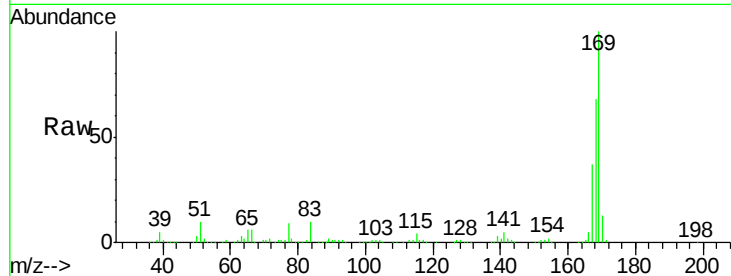
#65
n-Nitrosodiphenylamine
Concen: 32.26 ng
RT: 10.26 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Manual Integrations
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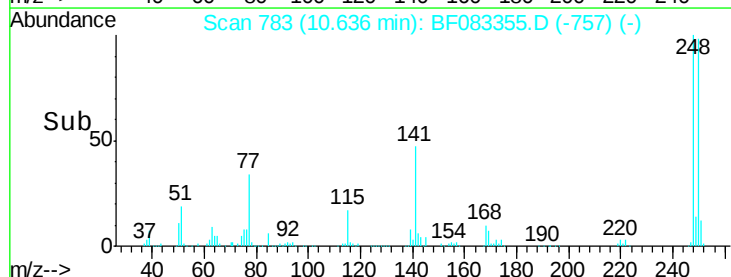
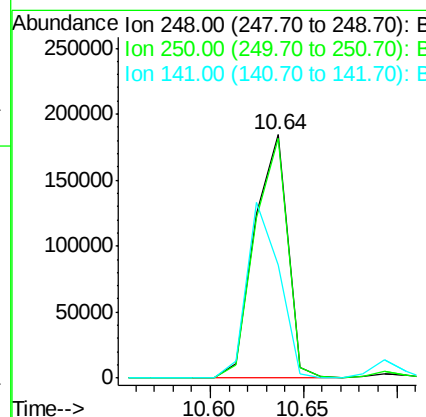
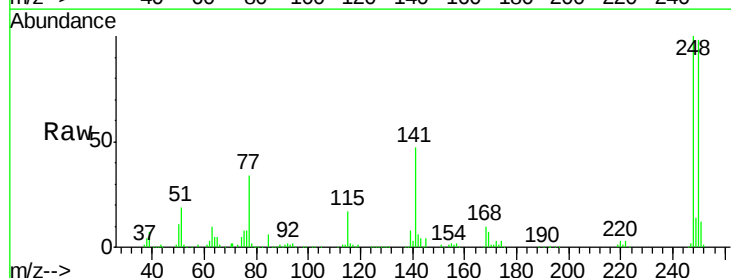
Mmdadoda
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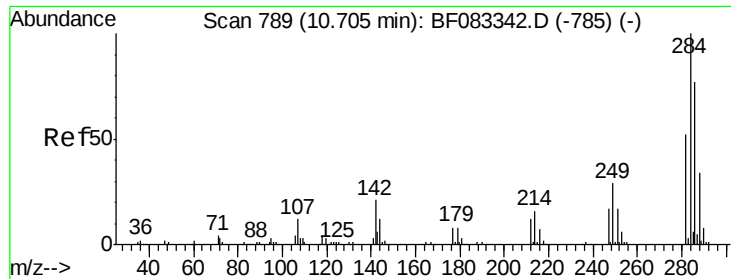
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	718967		
168	68.2	54.8	82.2	
167	37.4	30.2	45.2	



#66
4-Bromophenyl-phenylether
Concen: 32.55 ng
RT: 10.64 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	225823		
250	98.4	78.6	118.0	
141	46.5	44.4	66.6	





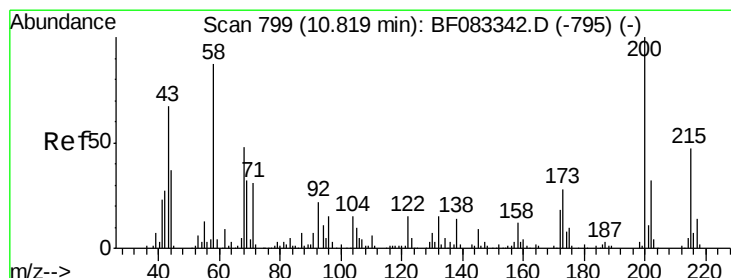
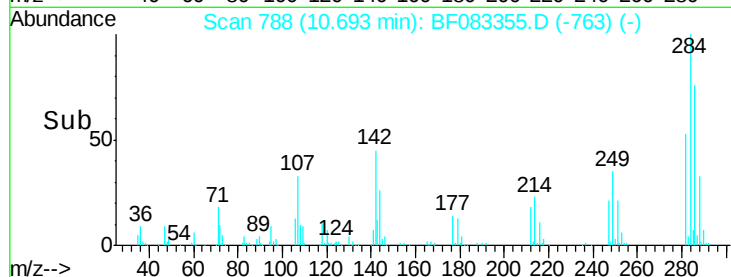
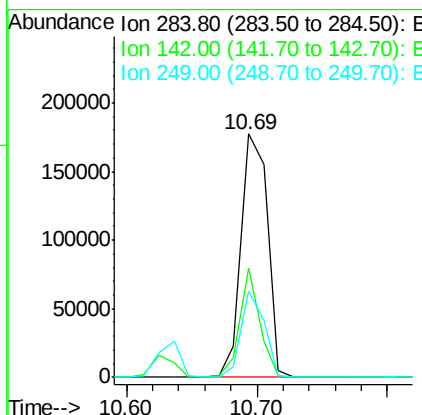
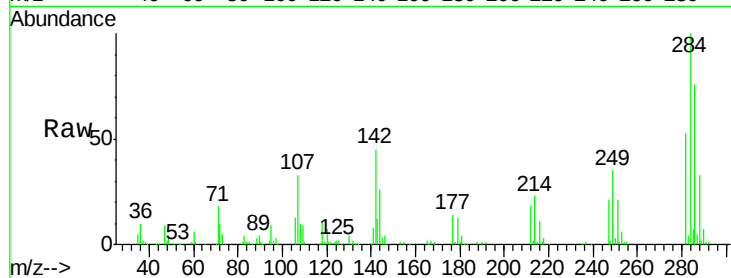
#67
Hexachlorobenzene
Concen: 32.46 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	45.0	16.6	24.8#
249	35.3	23.0	34.4#

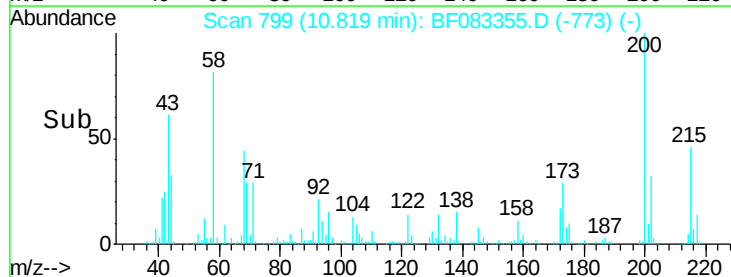
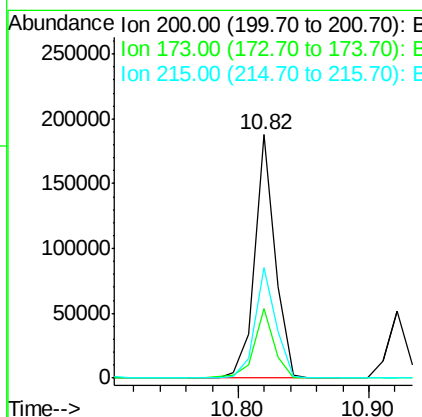
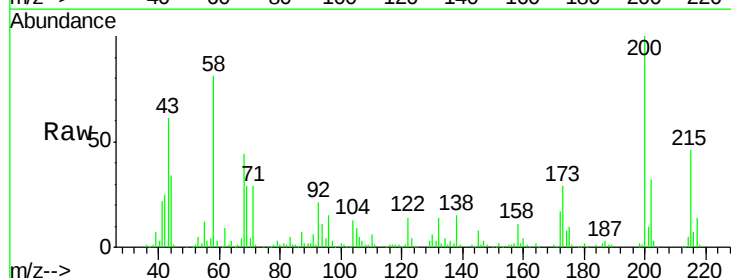
Manual Integrations
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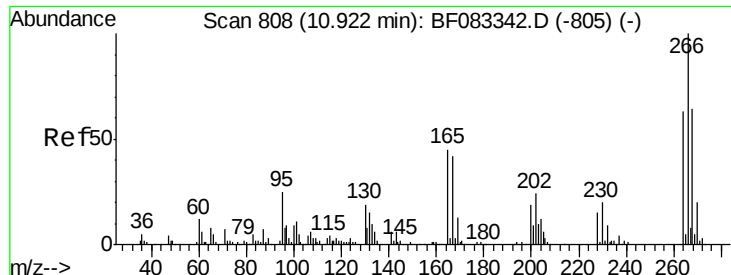
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12/1/2015 6:35:04 PM



#68
Atrazine
Concen: 33.39 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	8.3	48.3
215	45.6	26.7	66.7





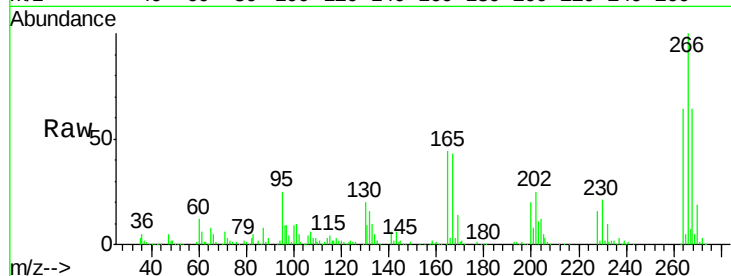
#69
 Pentachlorophenol
 Concen: 70.51 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

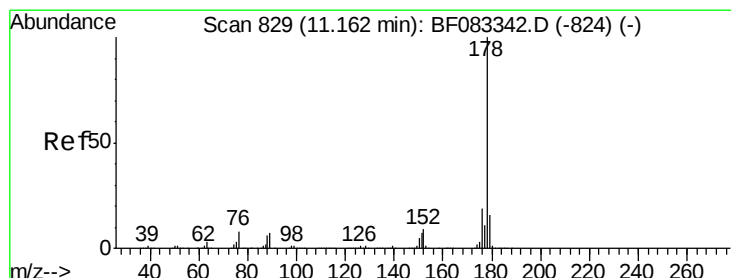
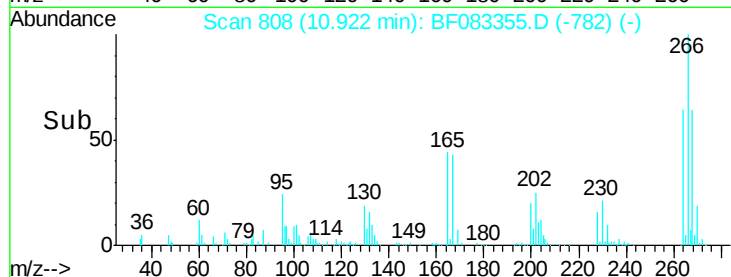
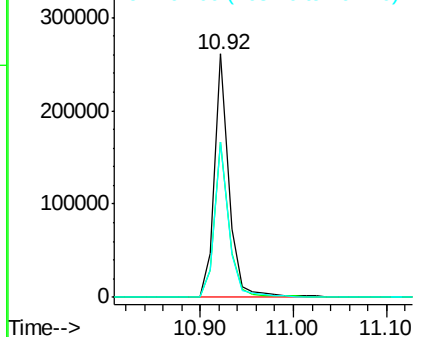
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283373		
268	63.5	51.5	77.3	
264	63.9	50.4	75.6	

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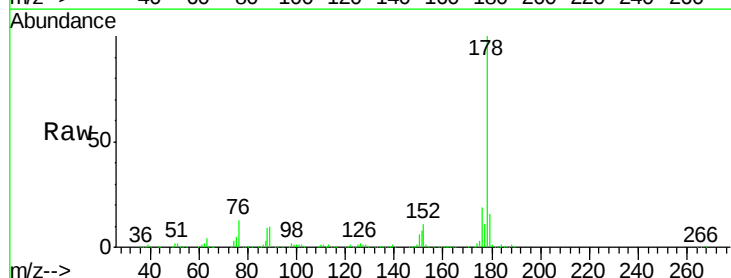


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

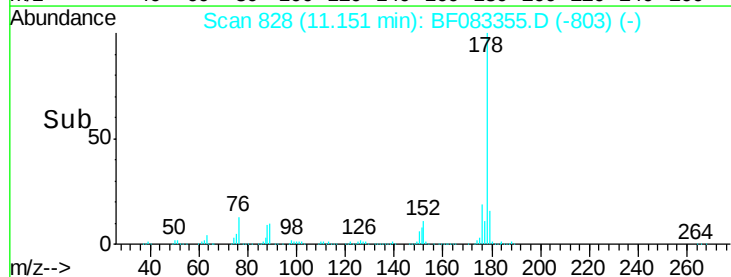
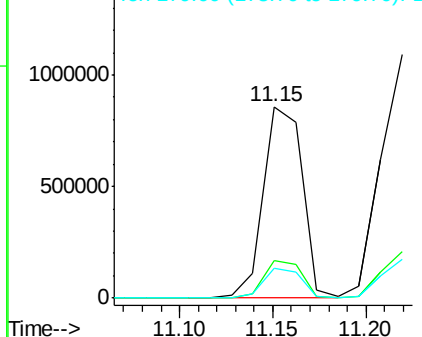


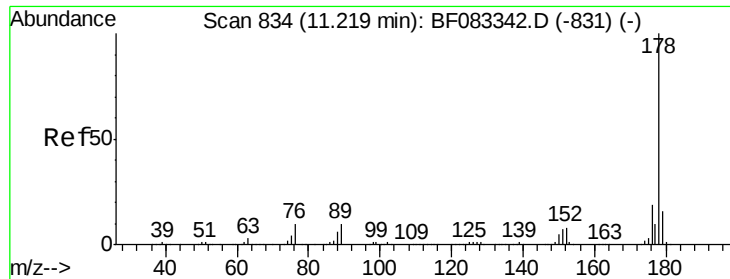
#70
 Phenanthrene
 Concen: 33.08 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1241858		
176	19.5	15.3	22.9	
179	15.8	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





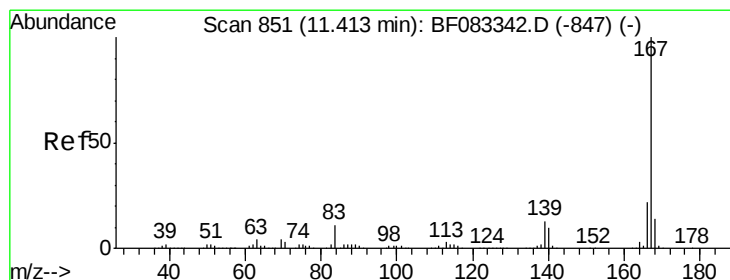
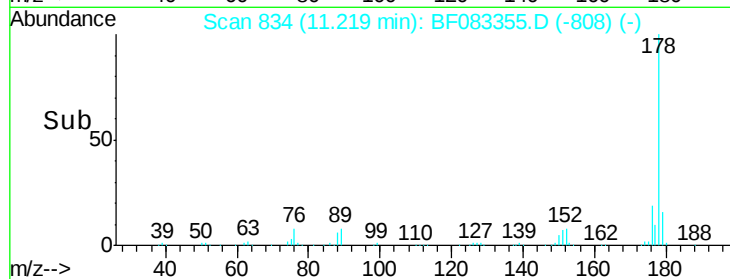
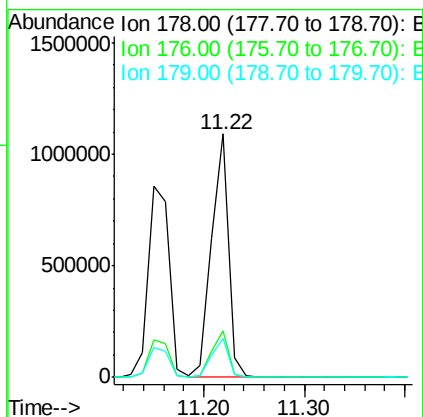
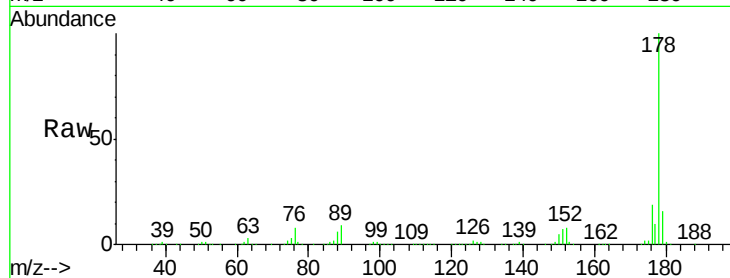
#71
 Anthracene
 Concen: 33.97 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.1	12.8	19.2

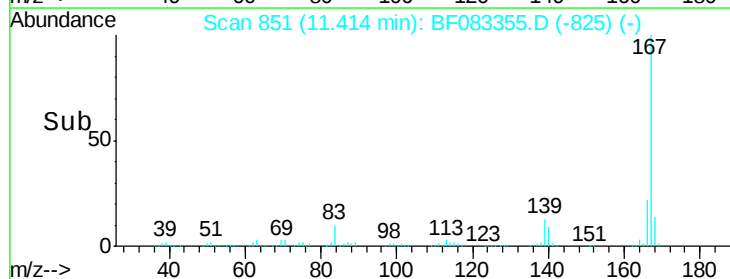
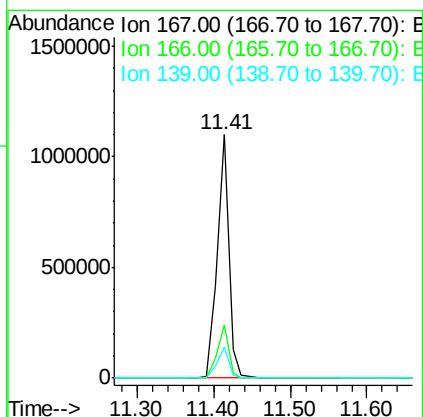
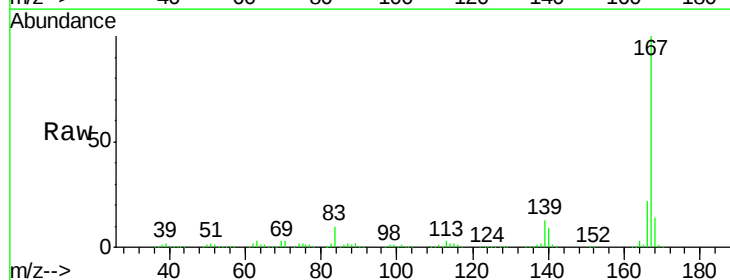
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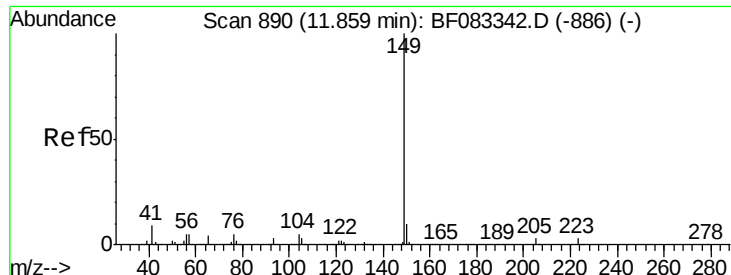
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 12/1/2015 6:35:04 PM



#72
 Carbazole
 Concen: 34.11 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.8	10.5	15.7





#73

Di-n-butylphthalate

Concen: 33.92 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

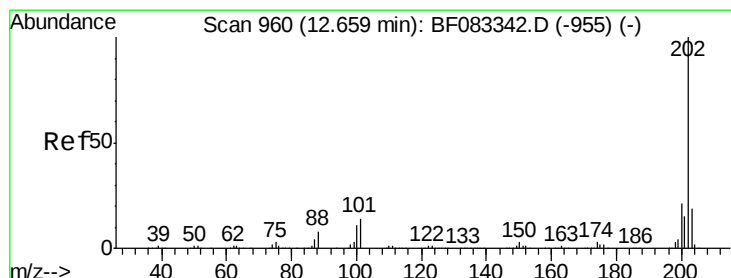
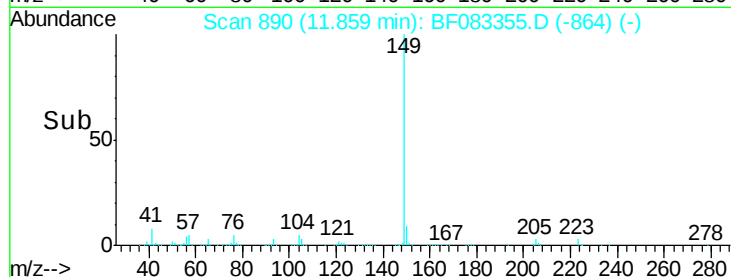
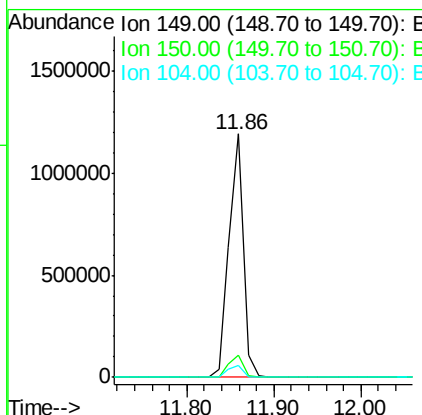
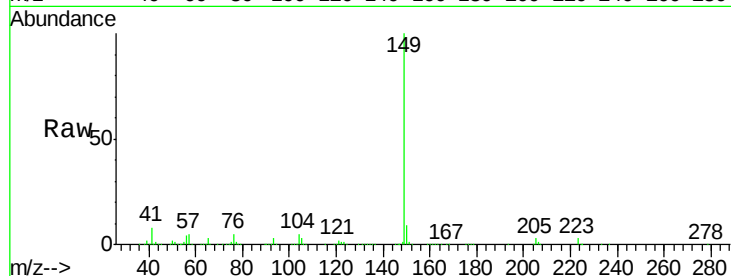
ClientSampleId :

PB86847BSD

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Tgt Ion:	149	Resp:	1364905
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0



#74

Fluoranthene

Concen: 33.06 ng

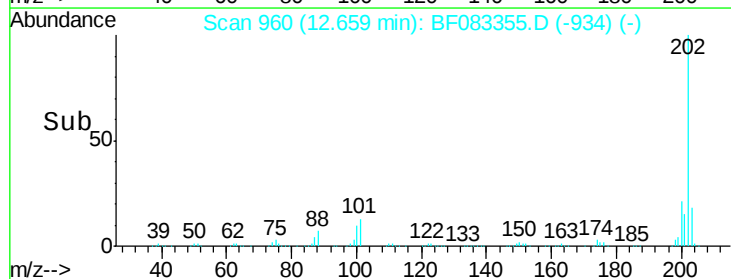
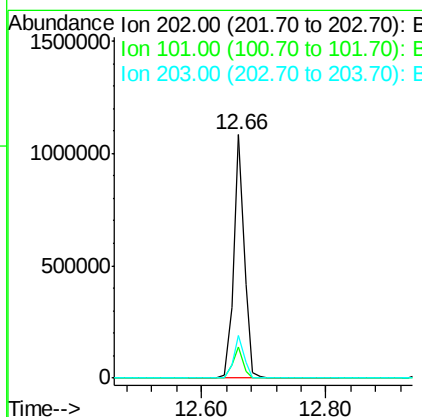
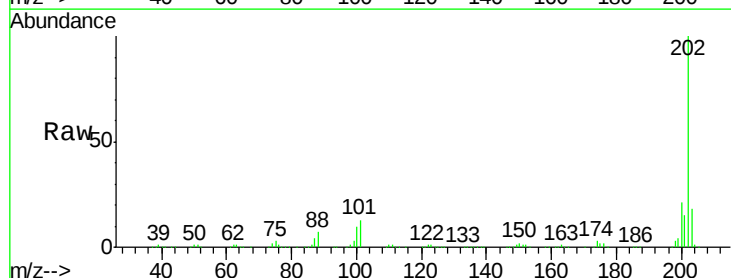
RT: 12.66 min Scan# 960

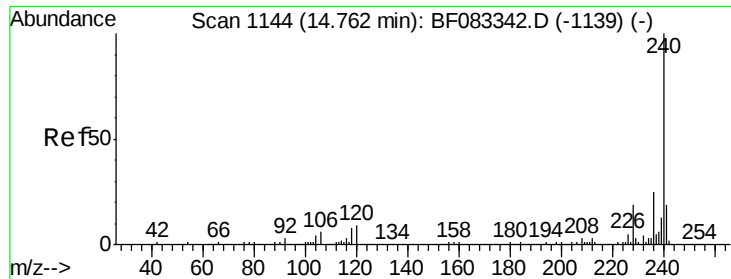
Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion:	202	Resp:	1286491
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.5
203	17.7	0.0	38.7





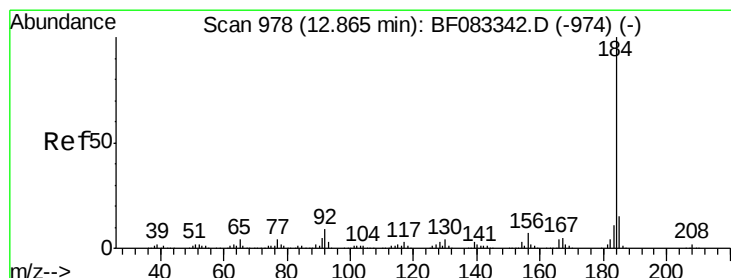
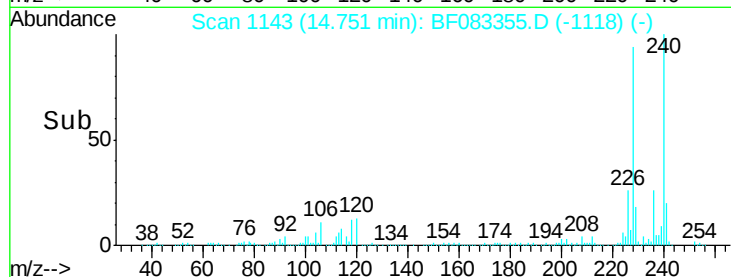
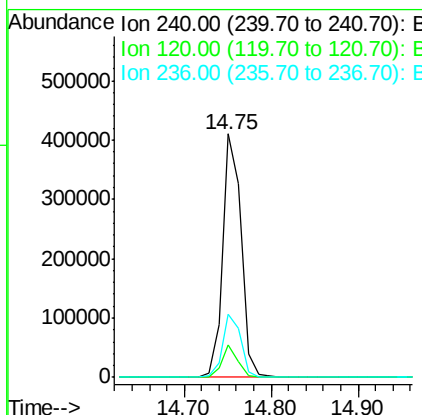
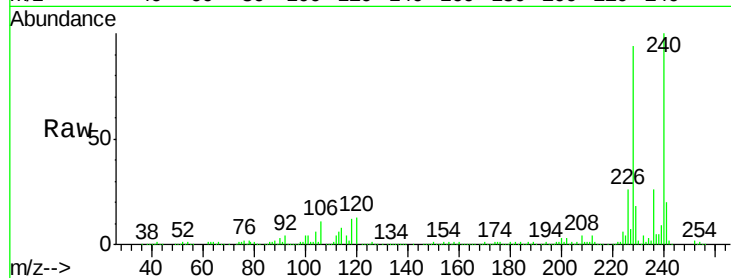
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	605203		
120	13.1	6.9	10.3	
236	25.7	19.8	29.6	

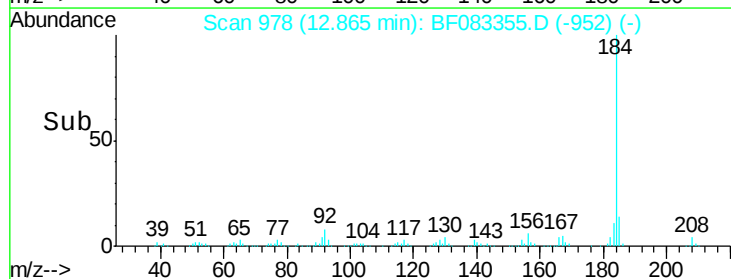
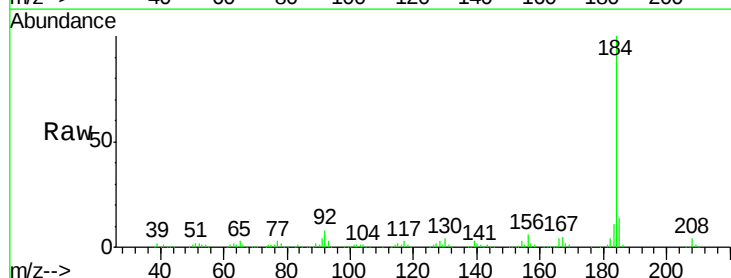
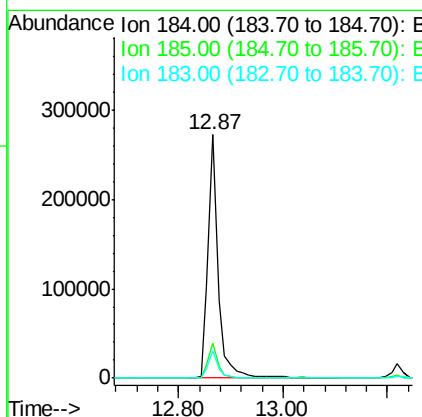
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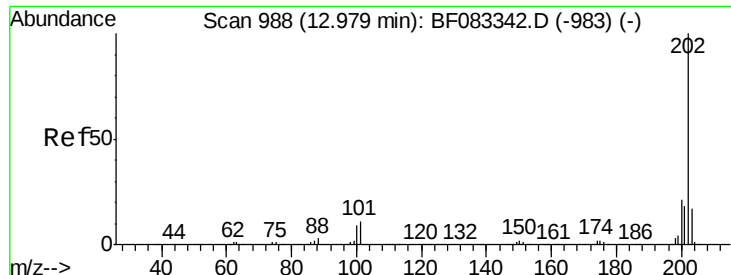
Mmdadoda
12/1/2015 6:35:04 PM



#76
Benzidine
Concen: 20.44 ng
RT: 12.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	368443		
185	14.5	12.4	18.6	
183	11.0	9.0	13.4	





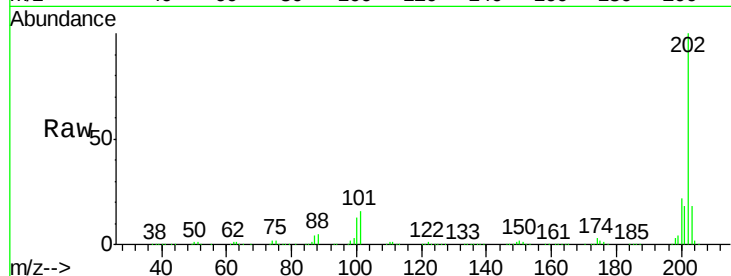
#77
 Pyrene
 Concen: 31.47 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

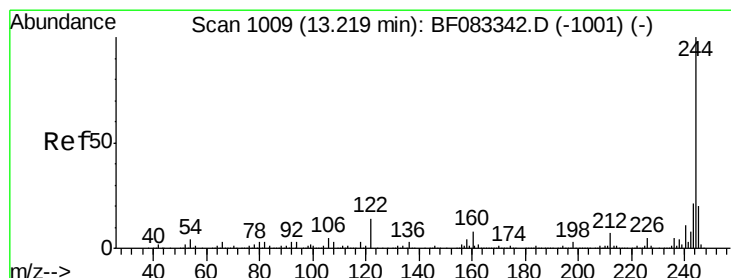
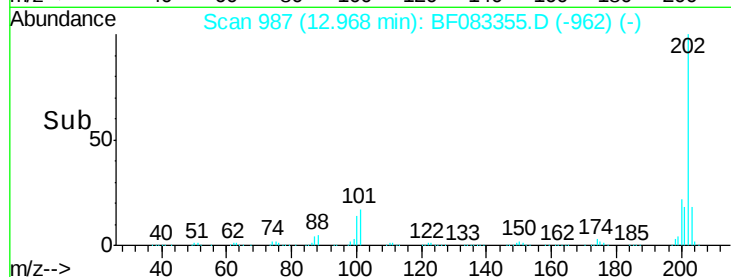
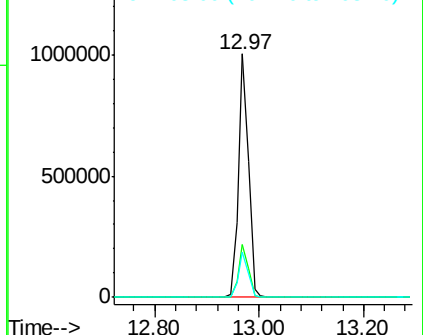
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.5	13.9	20.9

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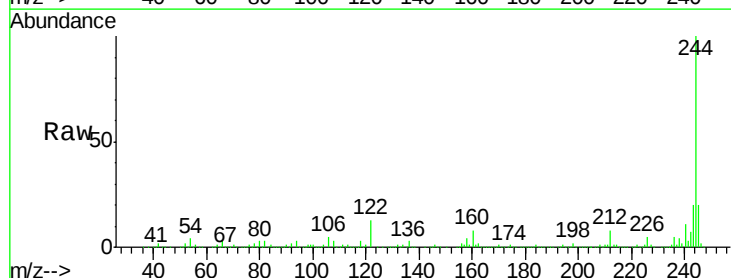


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

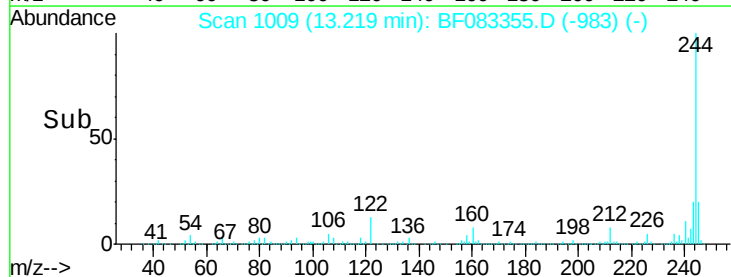
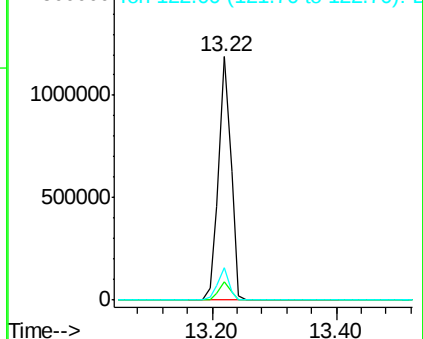


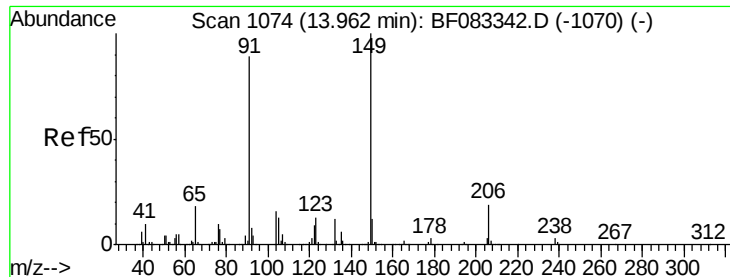
#78
 Terphenyl-d14
 Concen: 64.03 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.5	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: 32.14 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083355.D

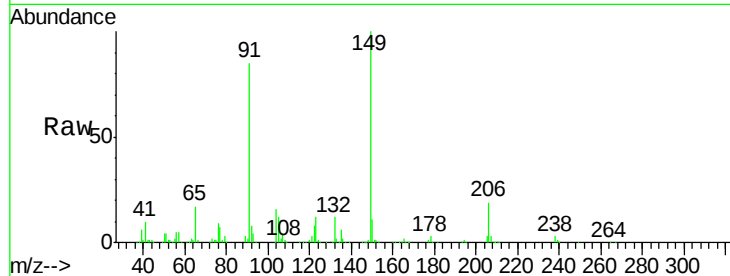
Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

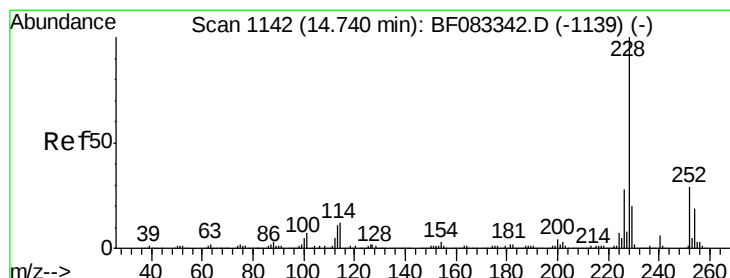
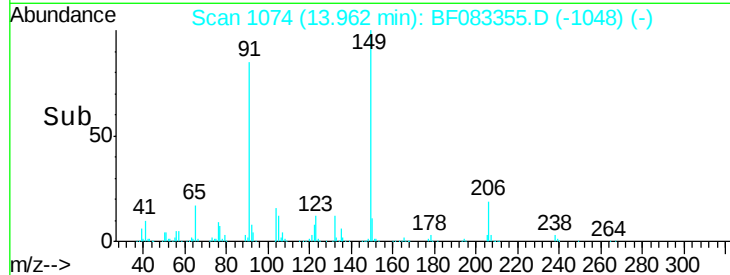
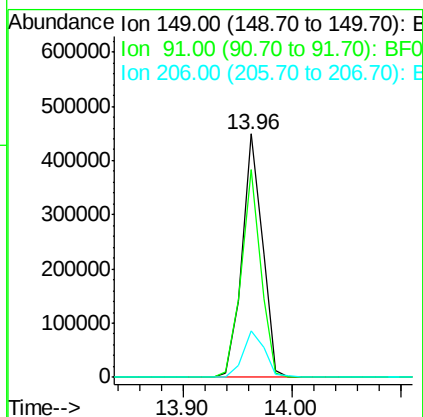
PB86847BSD



Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.3	71.4	107.2
206	19.2	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 32.36 ng

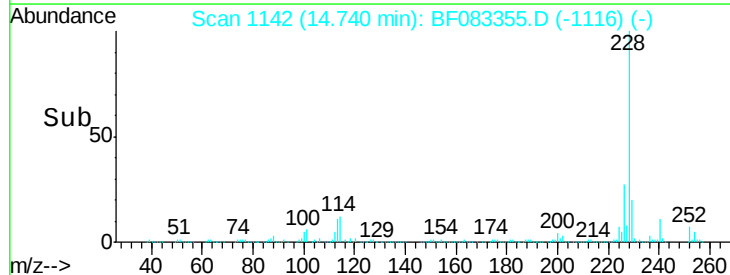
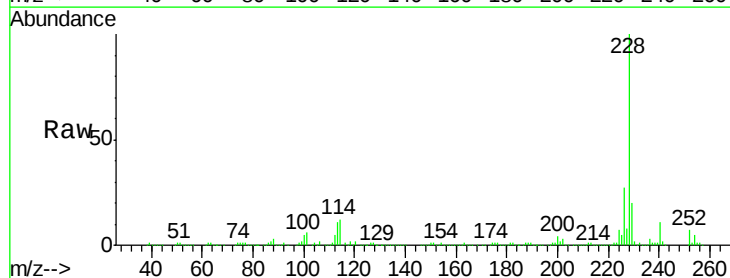
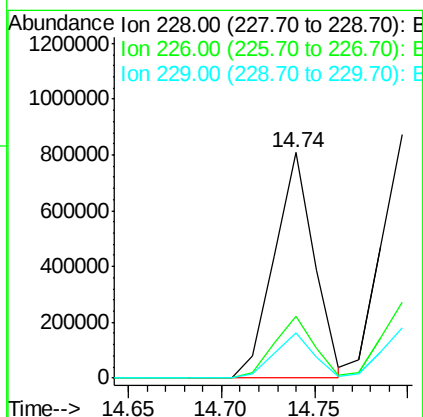
RT: 14.74 min Scan# 1142

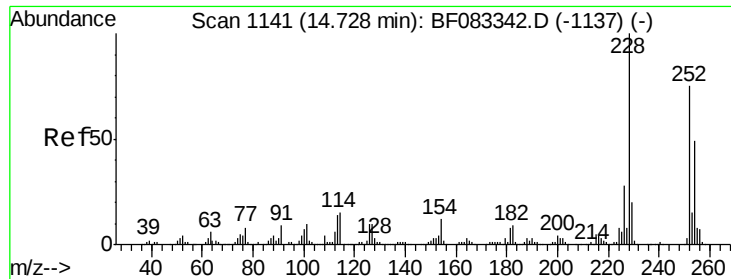
Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	20.1	16.1	24.1





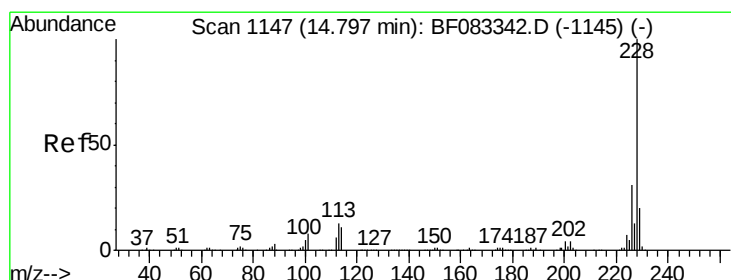
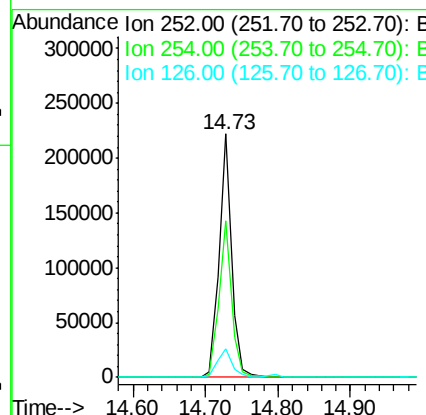
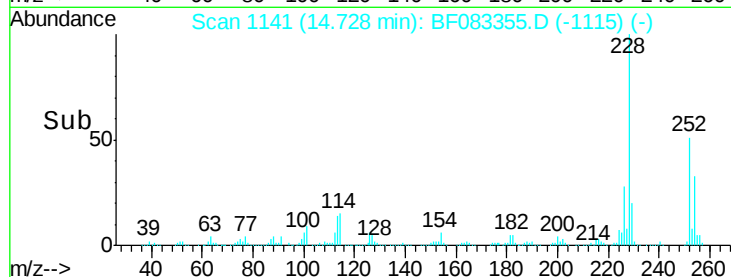
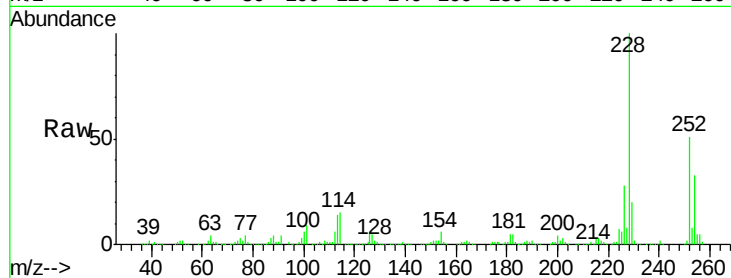
#81
 3,3'-Dichlorobenzidine
 Concen: 23.18 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	11.7	10.7	16.1

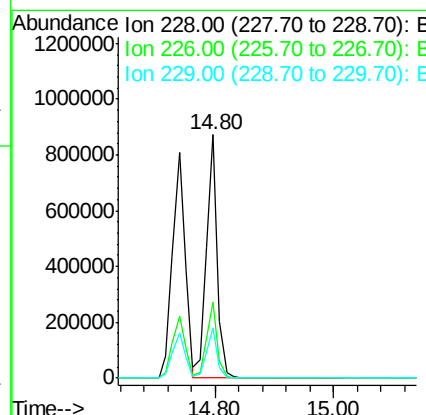
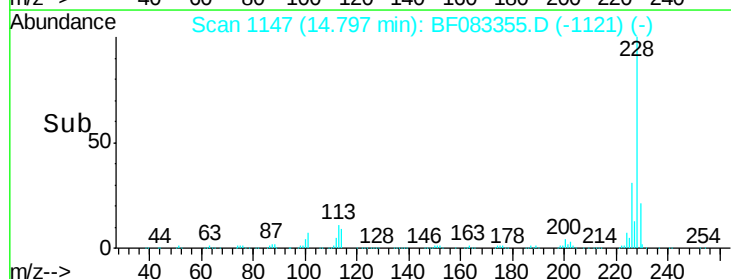
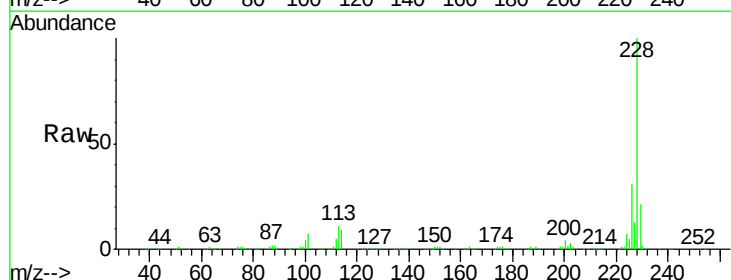
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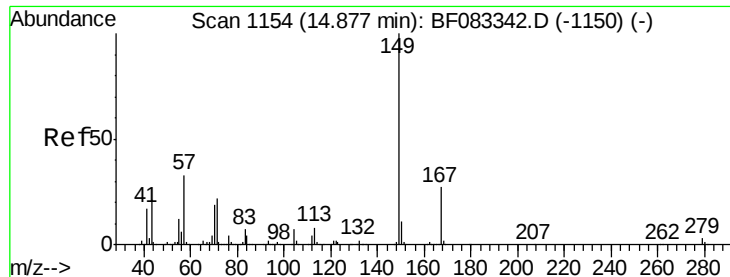
Mmdadoda
 12/1/2015 6:35:04 PM



#82
 Chrysene
 Concen: 31.64 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	20.6	16.2	24.2





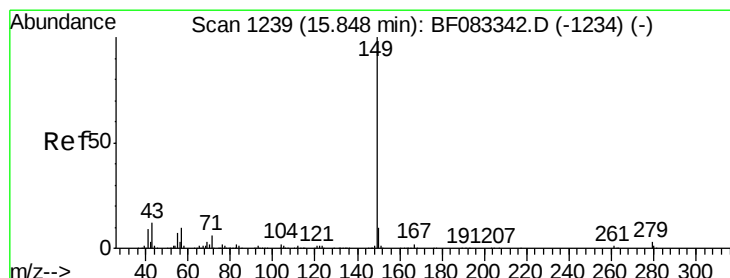
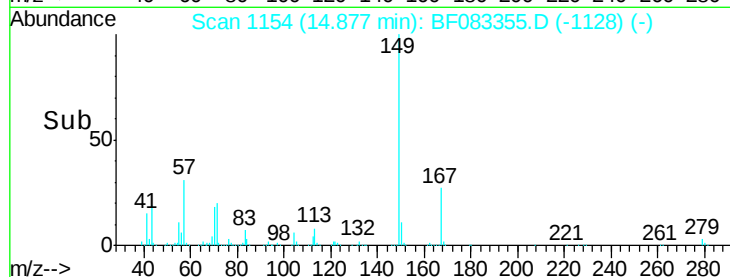
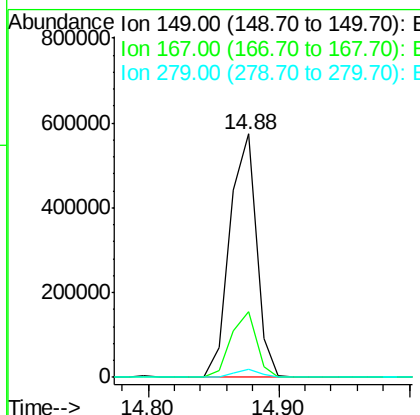
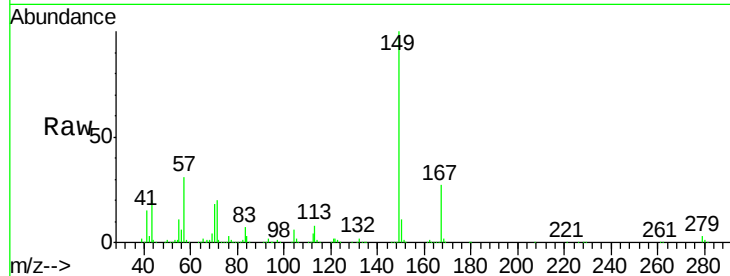
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.89 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	815205		
167	27.1	21.5	32.3	
279	3.4	2.6	3.8	

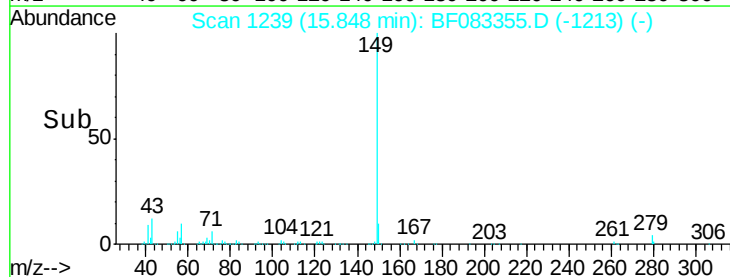
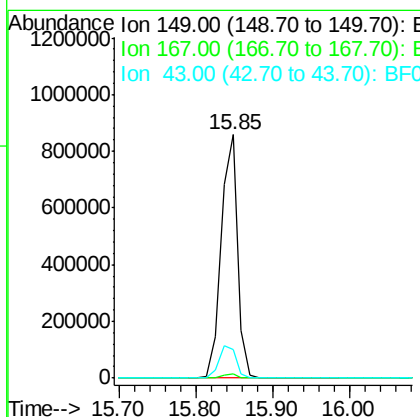
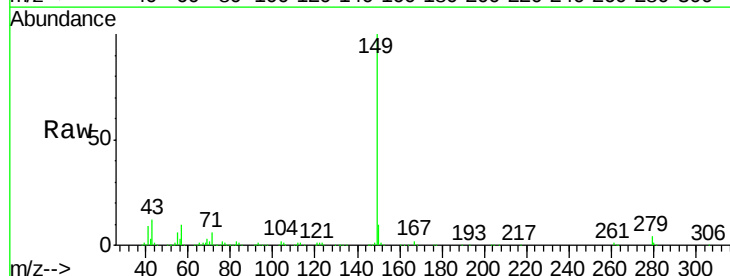
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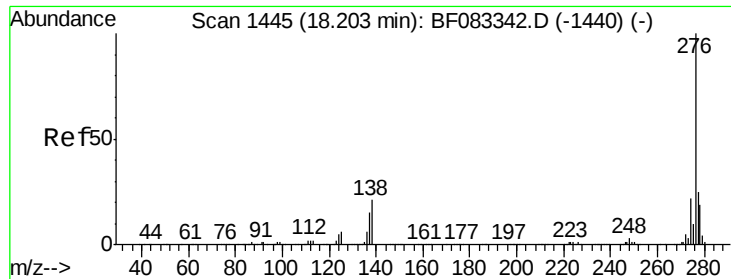
Mmdadoda
 12/1/2015 6:35:04 PM



#84
 Di-n-octyl phthalate
 Concen: 36.03 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

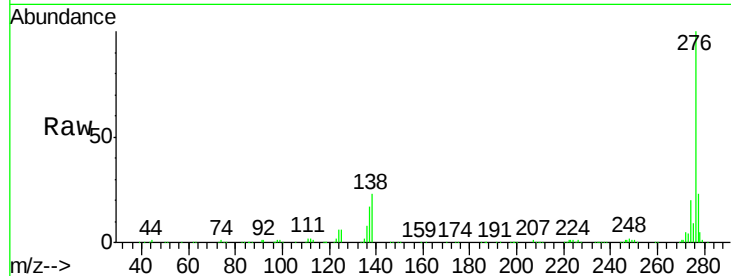
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1290316		
167	1.5	1.2	1.8	
43	13.9	11.0	16.6	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.37 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

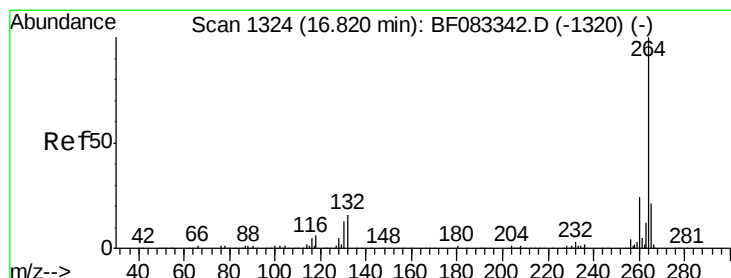
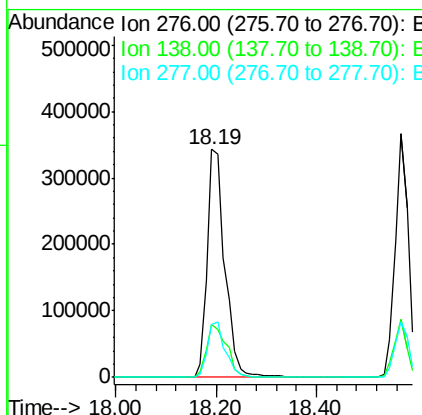
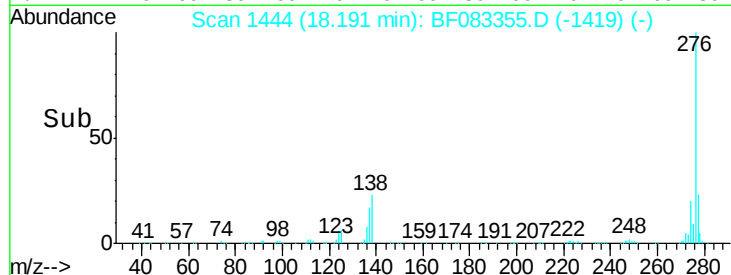
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	24.5	20.0	30.0

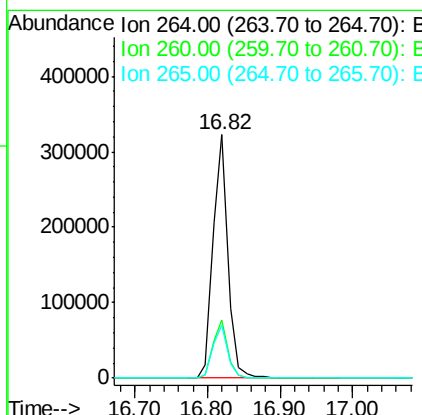
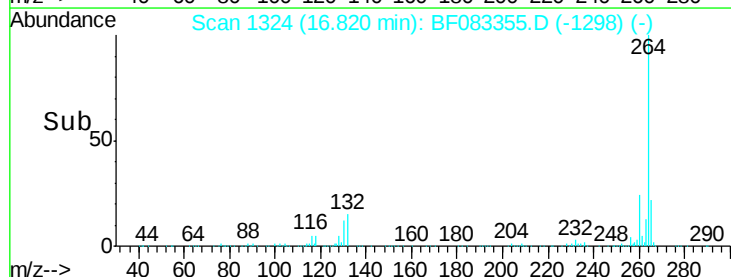
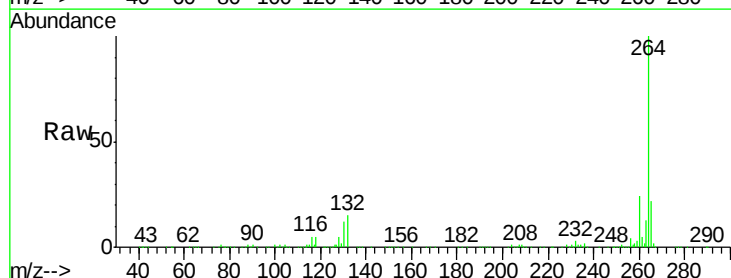
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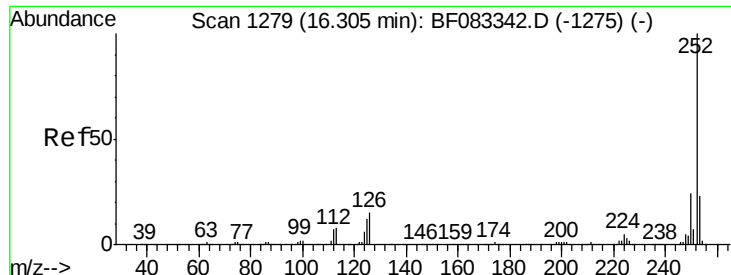
Mmdadoda
 12/1/2015 6:35:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.7	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 35.43 ng

RT: 16.31 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

Tgt Ion:252 Resp: 1041683

Ion Ratio Lower Upper

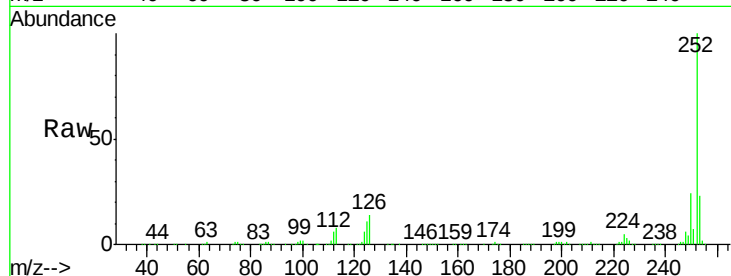
252 100

253 22.8 18.4 27.6

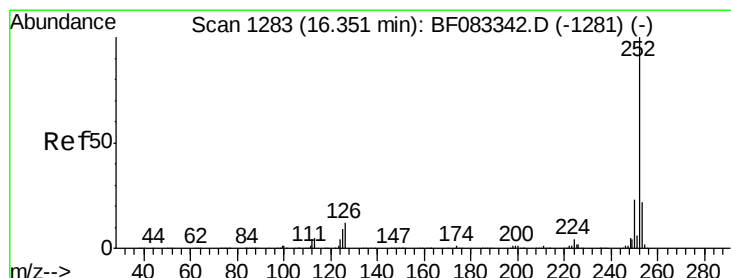
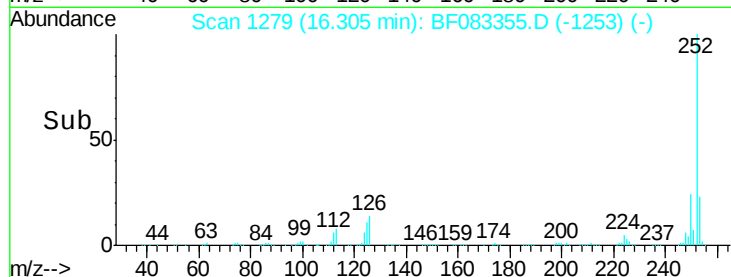
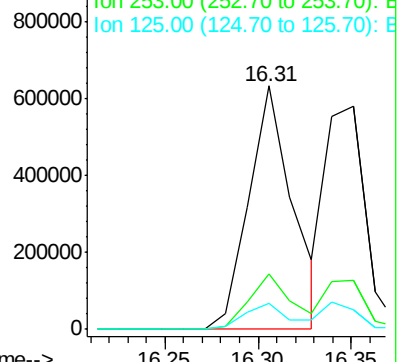
125 10.8 9.6 14.4

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



#88

Benzo(k)fluoranthene

Concen: 31.44 ng

RT: 16.35 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

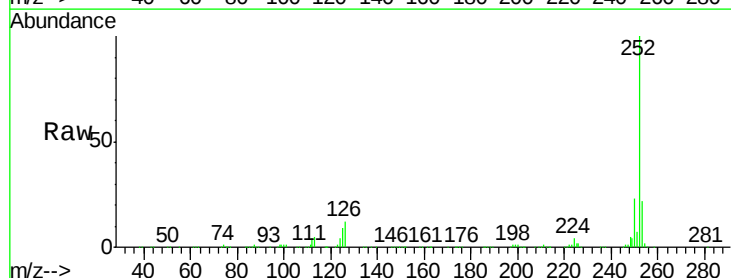
Tgt Ion:252 Resp: 872958

Ion Ratio Lower Upper

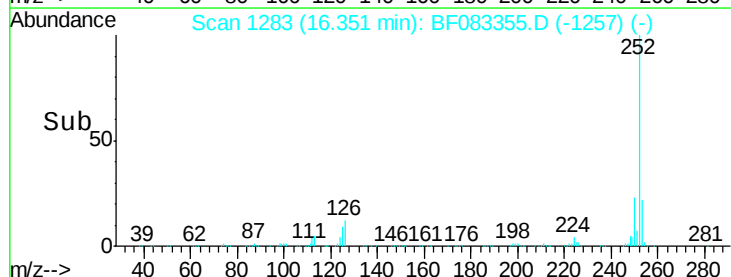
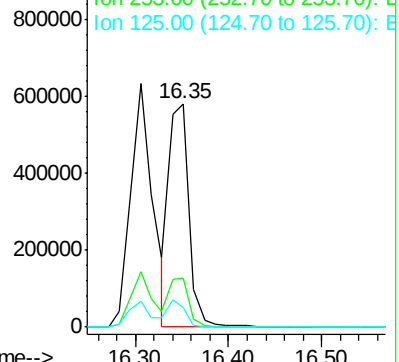
252 100

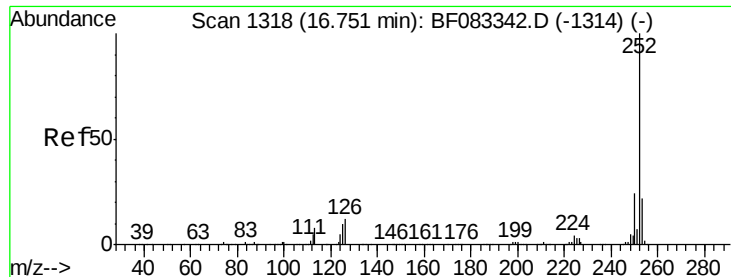
253 21.8 17.4 26.0

125 8.9 7.5 11.3



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





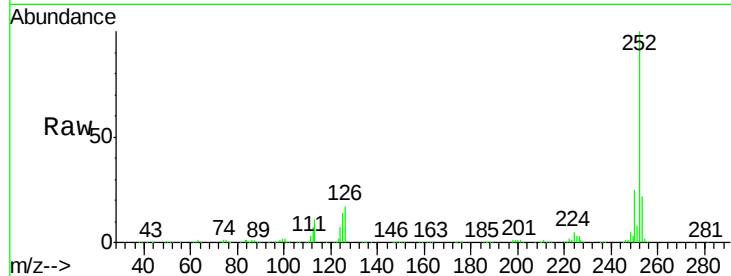
#89
Benzo(a)pyrene
Concen: 35.24 ng
RT: 16.74 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

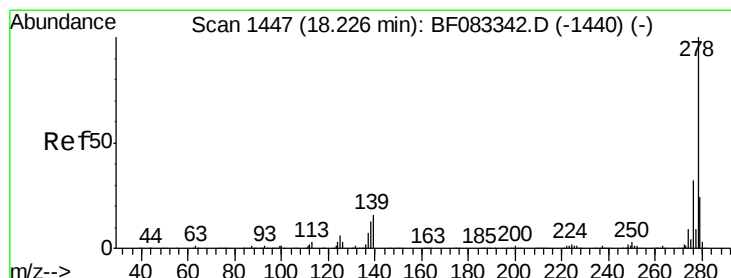
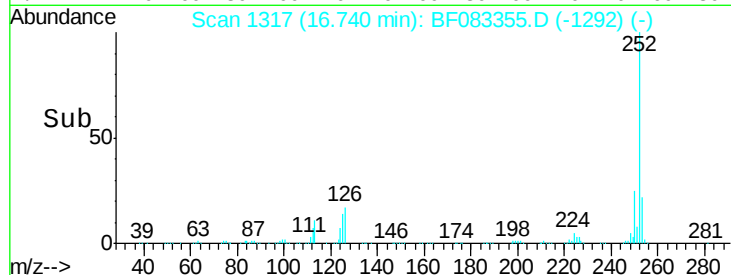
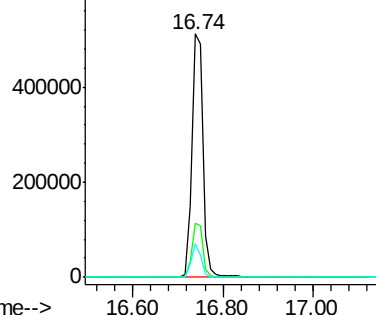
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.5	26.3
125	14.0	7.8	11.8

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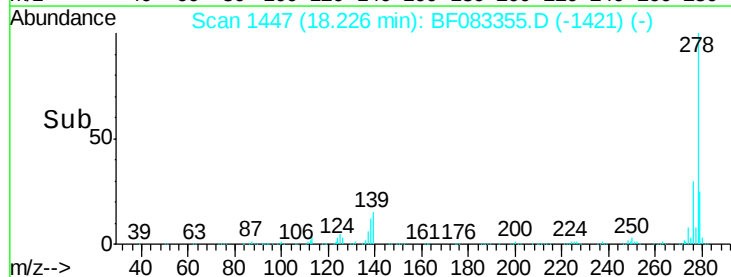
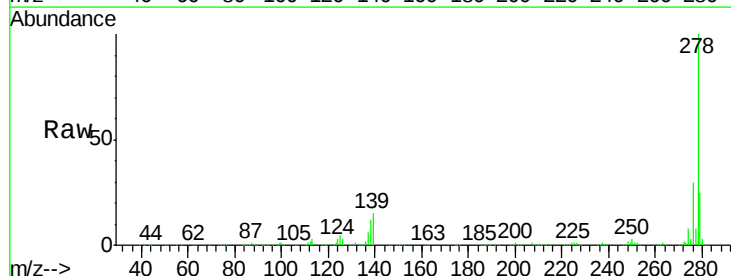
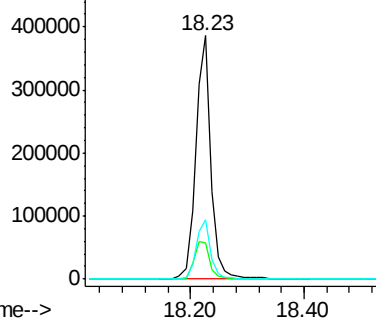
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

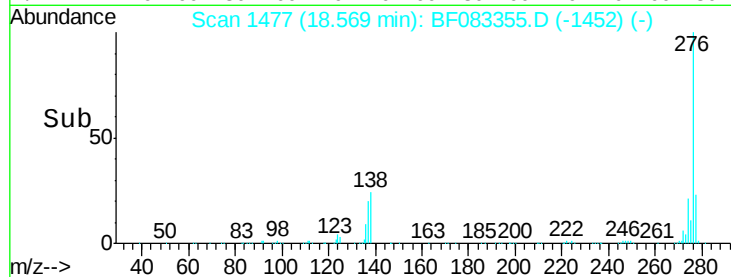
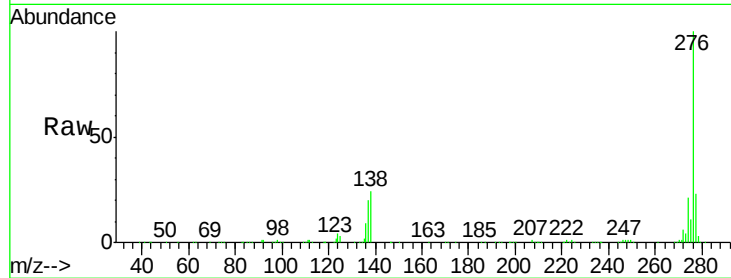
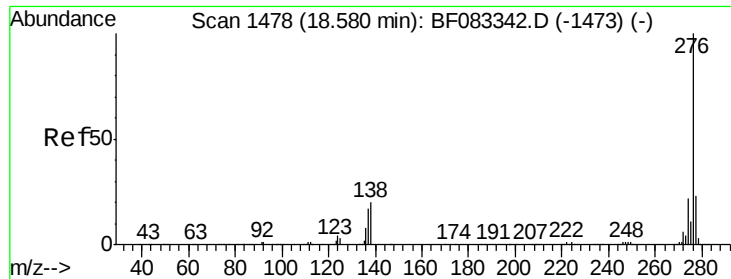


#90
Dibenzo(a,h)anthracene
Concen: 32.52 ng
RT: 18.23 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.6	13.1	19.7
279	24.6	19.2	28.8

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





#91

Benzo(g,h,i)perylene

Concen: 32.15 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

Tgt	Ion	276	Resp:	694404
Ion	Ratio	Lower	Upper	
276	100			
277	22.7	18.6	28.0	
138	23.6	16.1	24.1	

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:04 PM

