

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083732.D
 Acq On : 13 Dec 2015 16:37
 Operator : UM/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:44 PM

Quant Time: Dec 14 01:33:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132323	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	508774	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	253681	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	431794	20.00	ng	0.00
75) Chrysene-d12	14.07	240	259385	20.00	ng	0.00
86) Perylene-d12	15.51	264	247523	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1233928	145.22	ng	0.01
7) Phenol-d6	6.56	99	1428680	133.91	ng	0.01
23) Nitrobenzene-d5	7.49	82	1345518	174.77	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	389569	161.28	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	1981234	114.07	ng	0.01
78) Terphenyl-d14	13.02	244	1838400	158.91	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	300707	71.64	ng	98
3) Pyridine	3.30	79	790466	72.81	ng	99
4) n-Nitrosodimethylamine	3.26	42	301753	69.11	ng	100
6) Aniline	6.59	93	1016625	69.83	ng	98
8) 2-Chlorophenol	6.72	128	672443	70.34	ng	93
9) Benzaldehyde	6.46	77	314646	53.65	ng	92
10) Phenol	6.57	94	740059	59.08	ng	80
11) bis(2-Chloroethyl)ether	6.66	93	572580	64.64	ng	97
12) 1,3-Dichlorobenzene	6.86	146	696476m	66.46	ng	
13) 1,4-Dichlorobenzene	6.94	146	768040	73.84	ng	93
14) 1,2-Dichlorobenzene	7.09	146	594312	60.99	ng	94
15) Benzyl Alcohol	7.07	79	574025	74.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	800663	64.73	ng	96
17) 2-Methylphenol	7.17	107	582281	75.86	ng	95
18) Hexachloroethane	7.44	117	260227	73.00	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	465319	75.94	ng	# 90
20) 3+4-Methylphenols	7.33	107	544558	58.83	ng	93
22) Acetophenone	7.33	105	884840	71.39	ng	# 80
24) Nitrobenzene	7.50	77	662078	78.13	ng	97
25) Isophorone	7.76	82	1360874	79.55	ng	99
26) 2-Nitrophenol	7.82	139	399231	110.82	ng	# 87
27) 2,4-Dimethylphenol	7.86	122	617468	72.57	ng	93
28) bis(2-Chloroethoxy)methane	7.96	93	799283	83.39	ng	99
29) 2,4-Dichlorophenol	8.06	162	540241	77.75	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	560122	73.24	ng	98
31) Naphthalene	8.24	128	1869424	74.11	ng	99
32) Benzoic acid	8.01	122	474706	98.90	ng	99
33) 4-Chloroaniline	8.27	127	761402	70.73	ng	# 94
34) Hexachlorobutadiene	8.35	225	293021	68.56	ng	99
35) Caprolactam	8.67	113	185089	81.57	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	678100	85.92	ng	98
37) 2-Methylnaphthalene	8.92	142	1176785	73.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	531410	68.58	ng	97
40) Hexachlorocyclopentadiene	9.08	237	314066	82.92	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	405797	75.39	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	336767	63.14	nq #	86
45) 1,1'-Biphenyl	9.39	154	1549144	70.57	nq	97
46) 2-Chloronaphthalene	9.41	162	1154690	69.98	nq	95
47) 2-Nitroaniline	9.49	65	332231	75.70	nq	88
48) Acenaphthylene	9.82	152	1745654	63.28	nq	97
49) Dimethylphthalate	9.69	163	1238986	64.11	nq	100
50) 2,6-Dinitrotoluene	9.74	165	311481	81.74	nq	92
51) Acenaphthene	10.00	154	1037202	62.80	nq	94
52) 3-Nitroaniline	9.92	138	378901	84.25	nq	94
54) Dibenzofuran	10.17	168	1433181	65.85	nq	98
55) 4-Nitrophenol	10.06	139	282567	75.53	nq	90
56) 2,4-Dinitrotoluene	10.14	165	386828	79.25	nq	93
57) Fluorene	10.51	166	1118194	65.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	276516	71.75	nq	98
59) Diethylphthalate	10.38	149	1287132	69.30	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	475000	57.31	nq #	88
61) 4-Nitroaniline	10.52	138	307958	76.34	nq	99
62) Azobenzene	10.66	77	1219574	68.36	nq	93
64) 4,6-Dinitro-2-methylphenol	10.56	198	229256	143.46	nq	93
65) n-Nitrosodiphenylamine	10.61	169	1055263	72.05	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	370564	79.47	nq #	76
67) Hexachlorobenzene	11.06	284	390586	77.08	nq #	79
68) Atrazine	11.14	200	226607	53.47	nq	96
69) Pentachlorophenol	11.24	266	220764	77.22	nq	98
70) Phenanthrene	11.47	178	1642583	70.53	nq	99
71) Anthracene	11.52	178	1480903	60.05	nq	97
72) Carbazole	11.66	167	1374585	60.06	nq	97
73) Di-n-butylphthalate	12.01	149	1983599	80.53	nq #	99
74) Fluoranthene	12.65	202	1521626	60.65	nq	94
76) Benzidine	12.76	184	595455	60.62	nq	96
77) Pyrene	12.88	202	1562645	75.66	nq	99
79) Butylbenzylphthalate	13.49	149	716720	102.82	nq	90
80) Benzo(a)anthracene	14.05	228	1077196	70.91	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	430886	86.82	nq #	97
82) Chrysene	14.10	228	1164311	80.00	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	713612	94.62	nq	100
84) Di-n-octyl phthalate	14.66	149	1305138	112.22	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1372863	99.70	nq	98
87) Benzo(b)fluoranthene	15.09	252	1217621m	77.98	nq	
88) Benzo(k)fluoranthene	15.12	252	915447m	61.26	nq	
89) Benzo(a)pyrene	15.45	252	1065539	75.71	nq #	97
90) Dibenzo(a,h)anthracene	16.96	278	1122224	81.14	nq	97
91) Benzo(q,h,i)perylene	17.38	276	1161472	79.68	nq	98

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

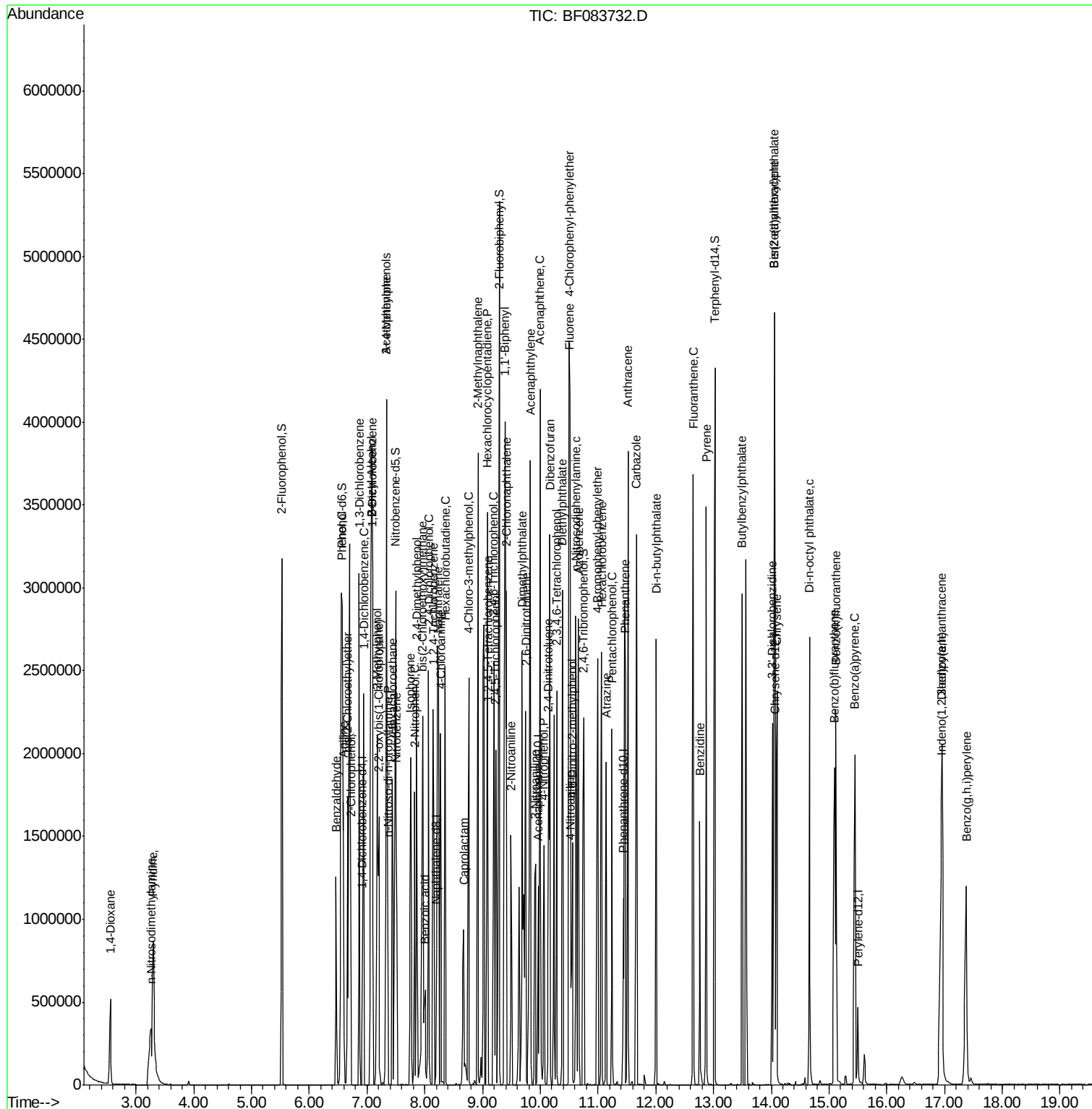
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\  
Data File : BF083732.D  
Acq On    : 13 Dec 2015  16:37  
Operator  : UM/IZ  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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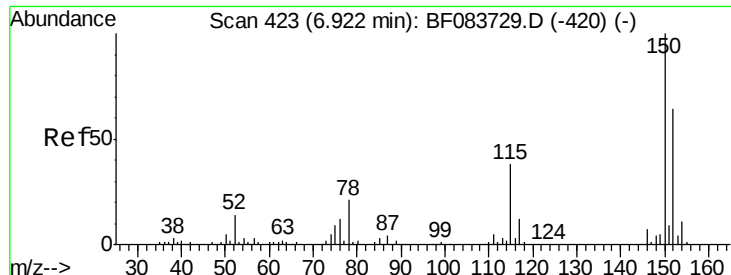
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 132323

Ion Ratio Lower Upper

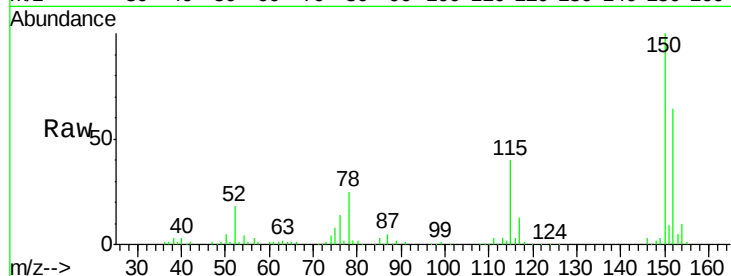
152 100

150 156.6 124.1 186.1

115 63.2 47.2 70.8

Manual Integrations
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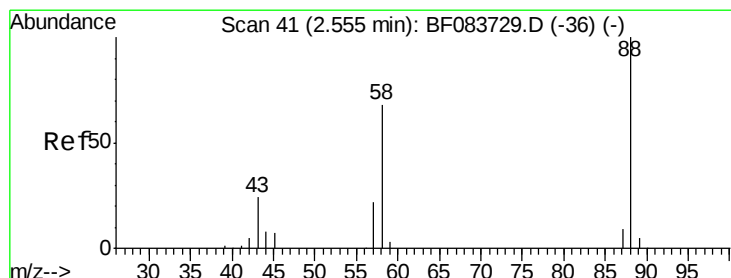
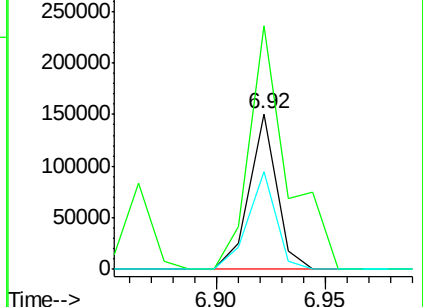
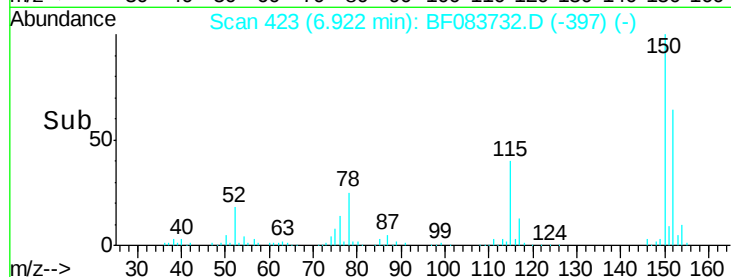
MMdadoda
12/14/2015 6:23:44 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 71.64 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

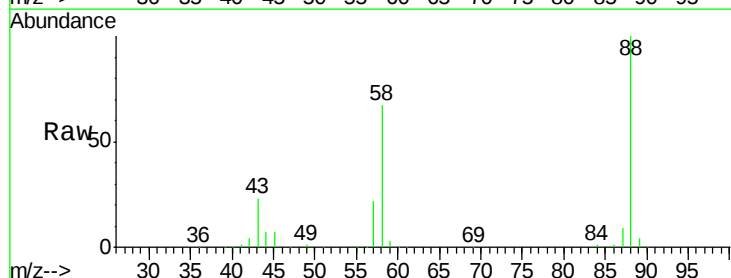
Tgt Ion: 88 Resp: 300707

Ion Ratio Lower Upper

88 100

58 68.7 53.5 80.3

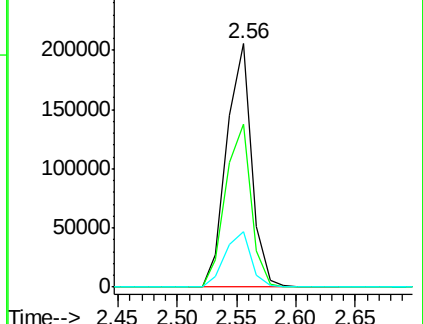
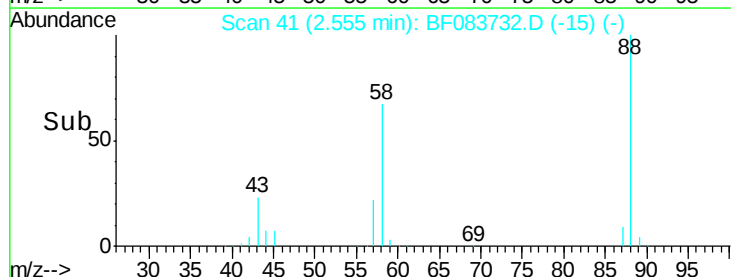
43 23.4 18.7 28.1

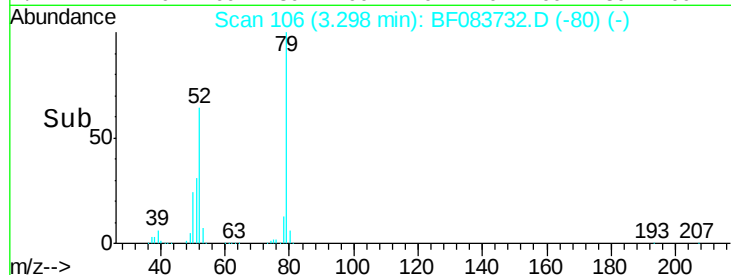
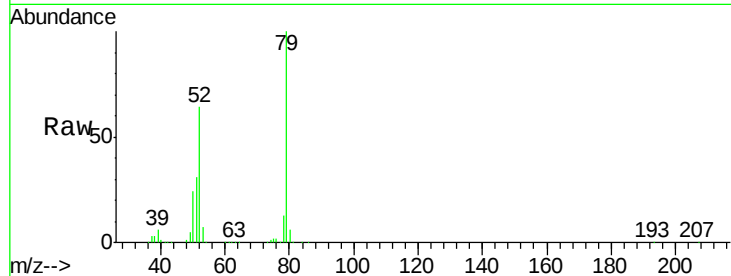
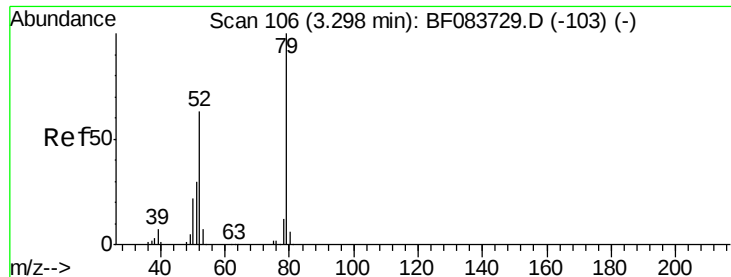


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





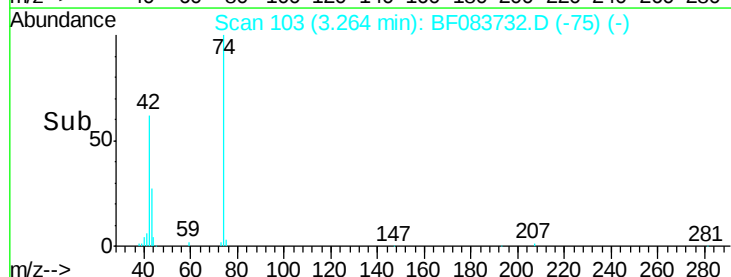
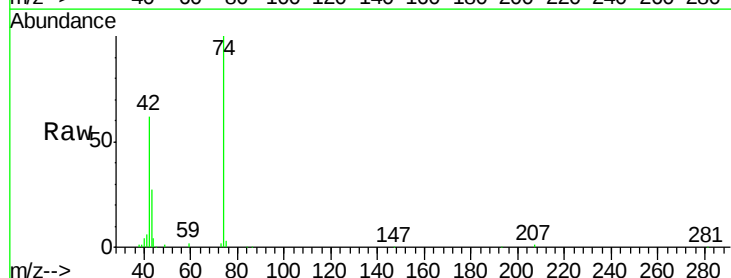
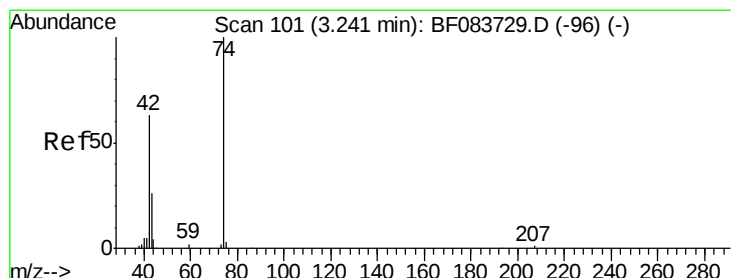
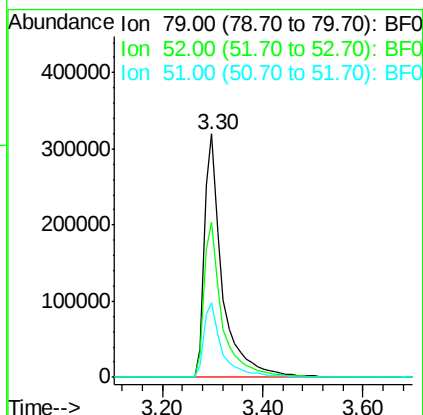
#3
Pvridine
Concen: 72.81 ng
RT: 3.30 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	790466		
52	52	63.9		50.2	75.4
51	51	30.8		24.4	36.6

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

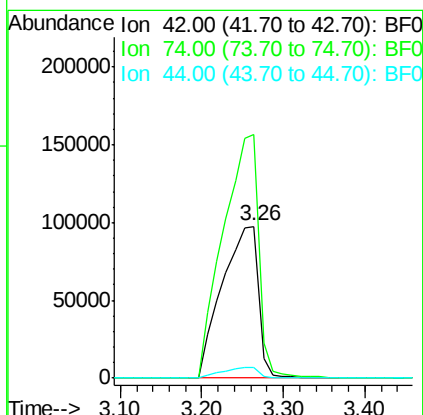
Manual Integrations
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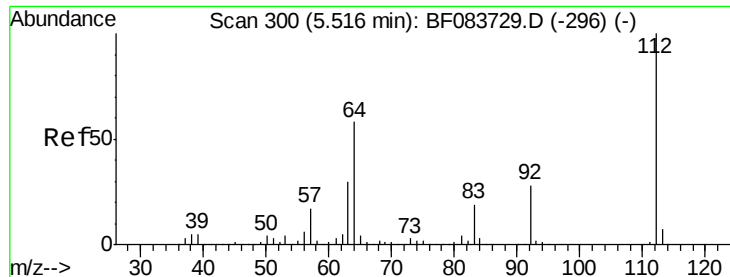
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#4
n-Nitrosodimethylamine
Concen: 69.11 ng
RT: 3.26 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	301753		
74	74	160.3		128.0	192.0
44	44	7.2		5.4	8.2





#5

2-Fluorophenol

Concen: 145.22 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

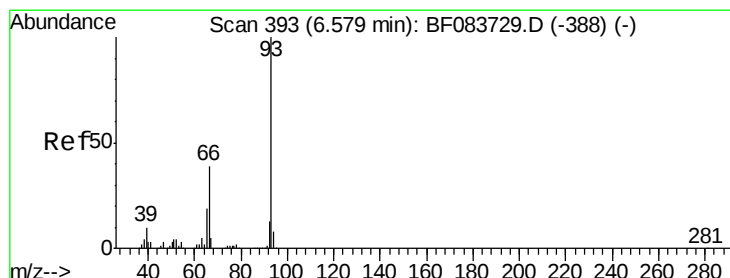
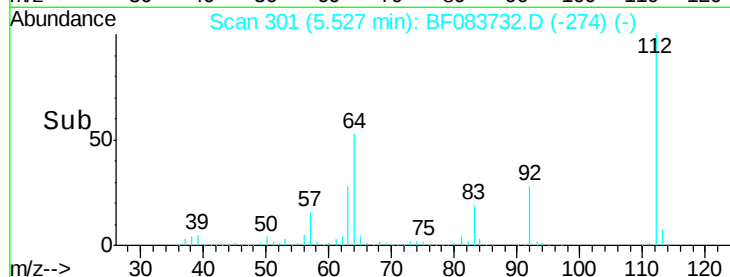
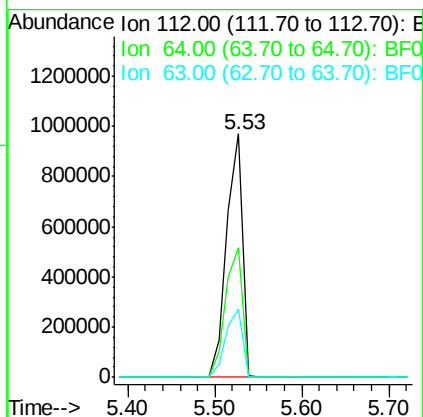
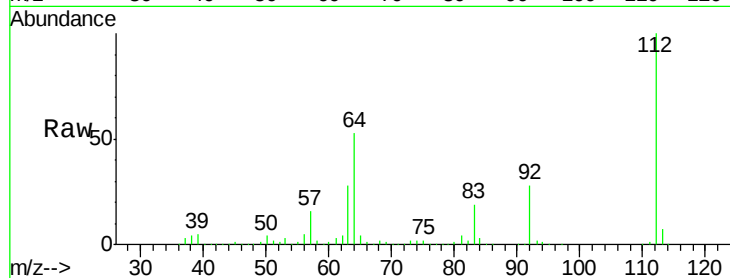
ClientSampleId :

SSTDICC080

Tot Ion:	112	Resp:	1233928
Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	27.9	24.1	36.1

Manual Integrations
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#6

Aniline

Concen: 69.83 ng

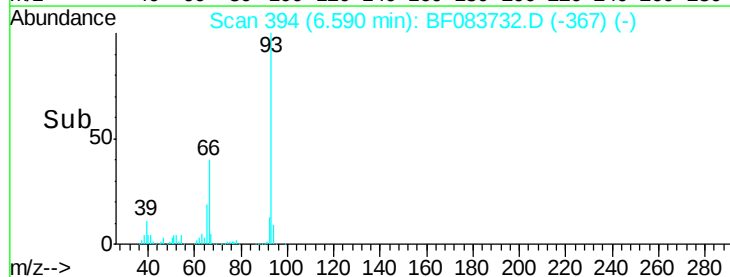
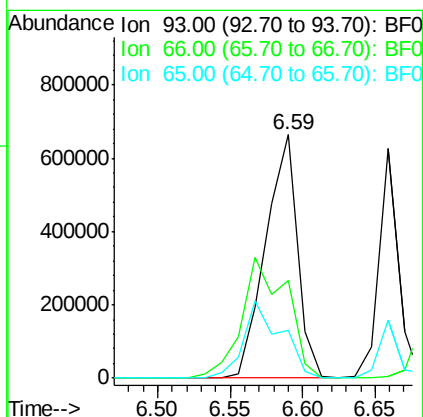
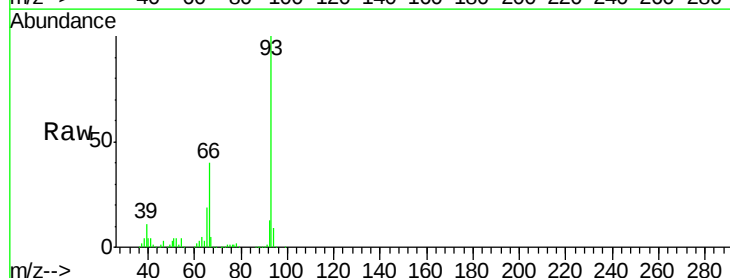
RT: 6.59 min Scan# 394

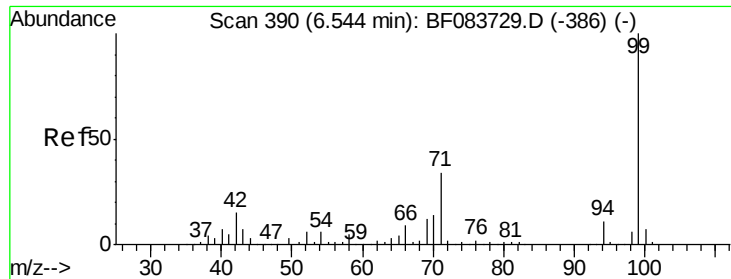
Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:	93	Resp:	1016625
Ion	Ratio	Lower	Upper
93	100		
66	39.9	31.2	46.8
65	19.4	14.9	22.3





#7

Phenol-d6

Concen: 133.91 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1428680

Ion Ratio Lower Upper

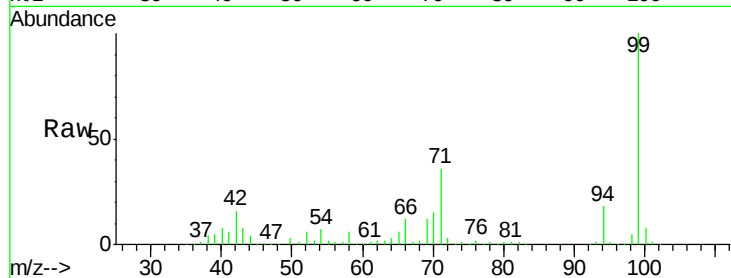
99 100

42 16.4 12.2 18.2

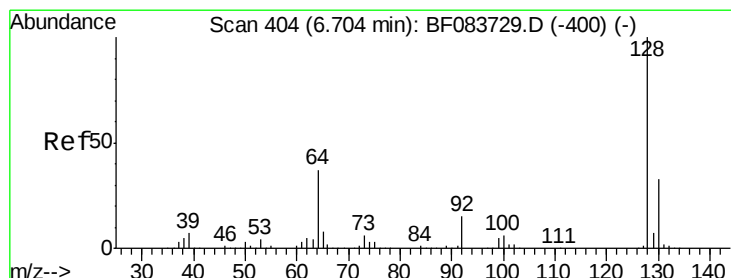
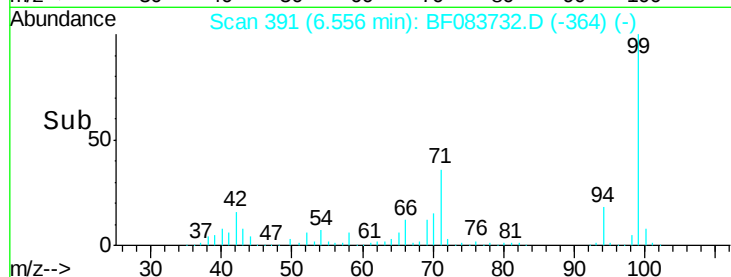
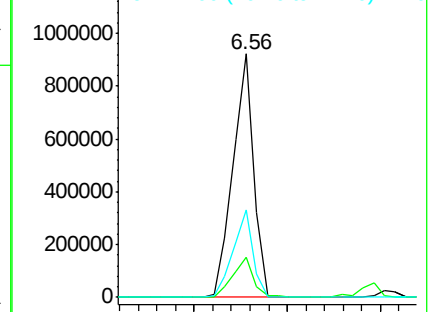
71 36.0 26.9 40.3

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 70.34 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

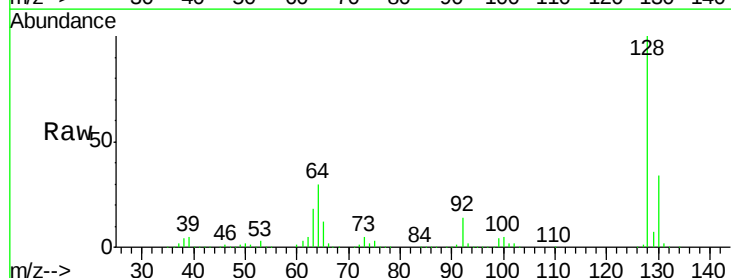
Tgt Ion: 128 Resp: 672443

Ion Ratio Lower Upper

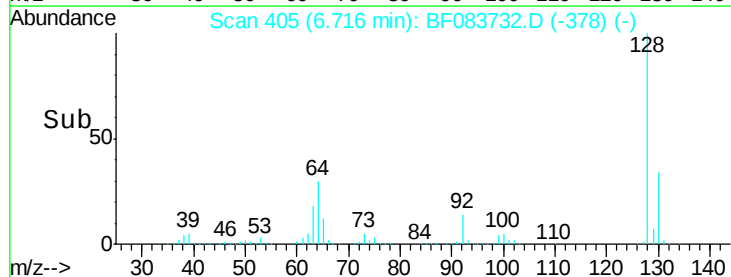
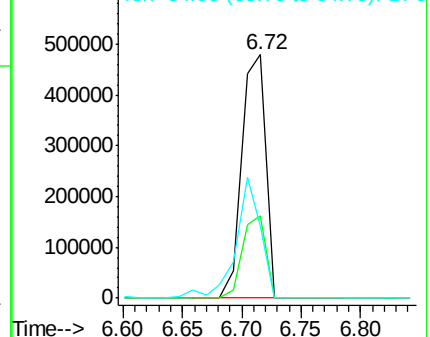
128 100

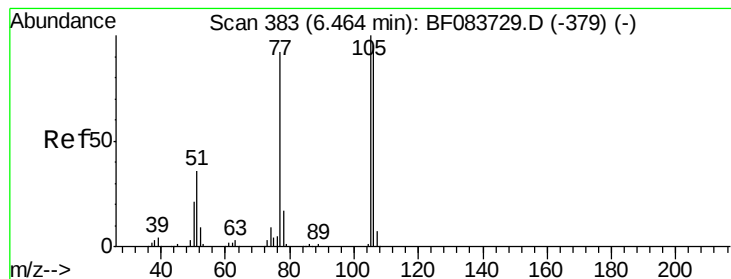
130 33.9 13.4 53.4

64 29.7 17.1 57.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 53.65 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

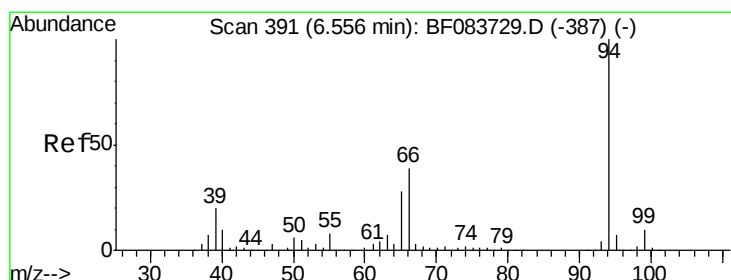
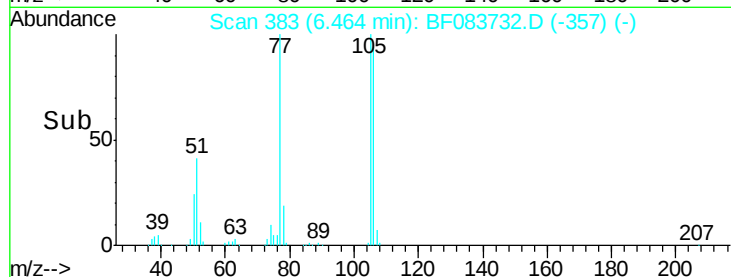
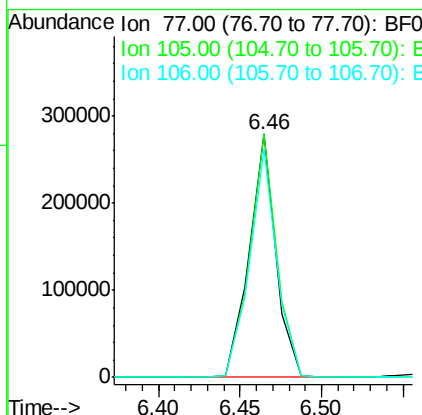
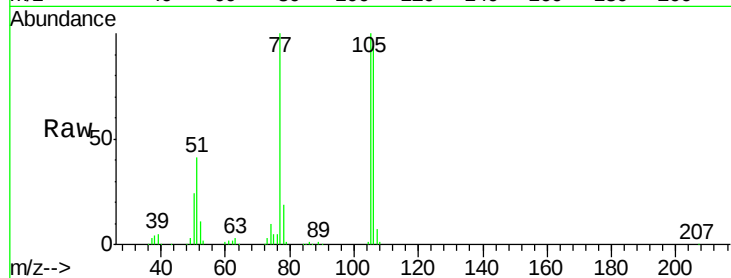
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	314646
Ion Ratio	Lower	Upper	
77	100		
105	100.1	88.5	128.5
106	93.9	82.8	122.8

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#10

Phenol

Concen: 59.08 ng

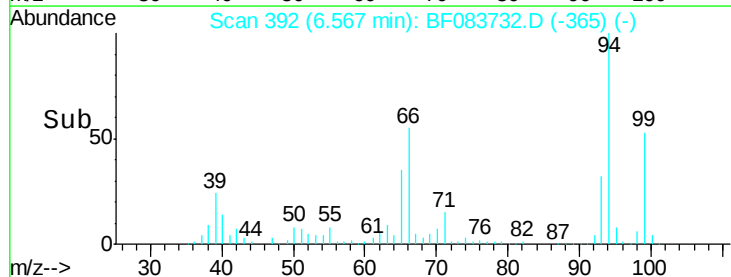
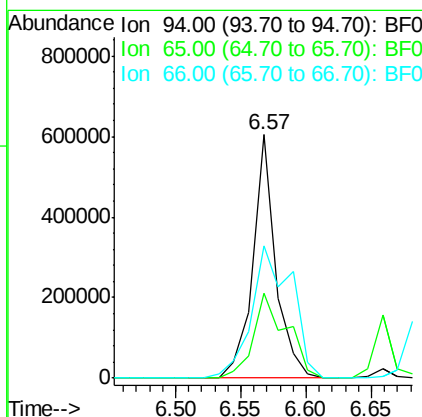
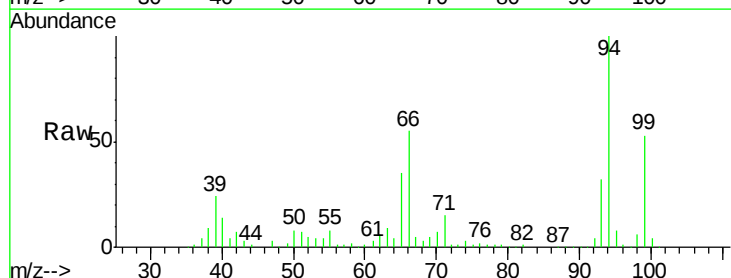
RT: 6.57 min Scan# 392

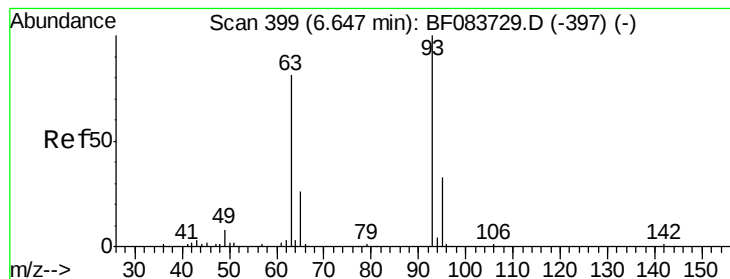
Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:	94	Resp:	740059
Ion Ratio	Lower	Upper	
94	100		
65	34.8	8.0	48.0
66	54.6	19.1	59.1





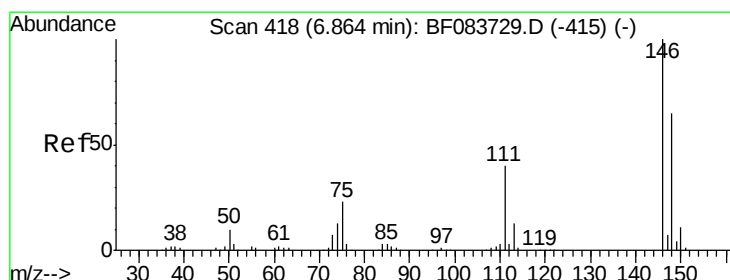
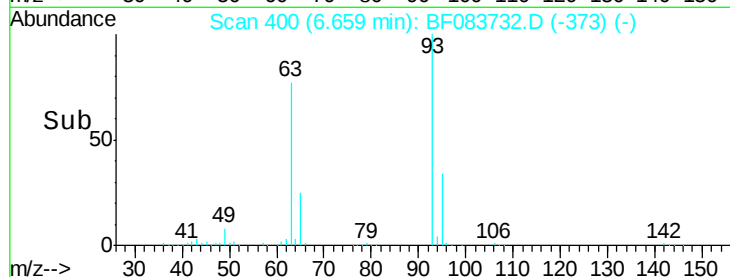
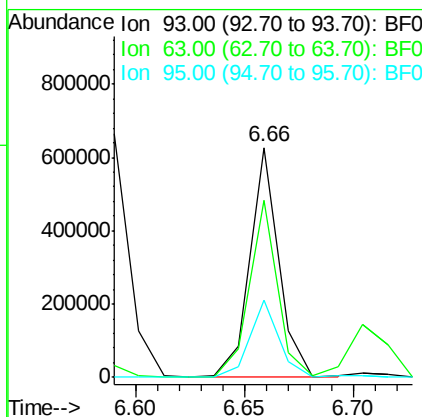
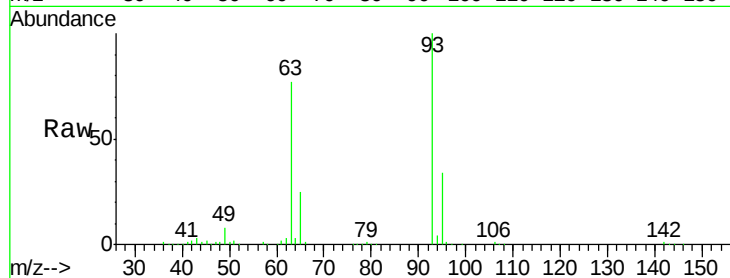
#11
bis(2-Chloroethyl)ether
Concen: 64.64 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	60.7	100.7
95	33.7	12.8	52.8

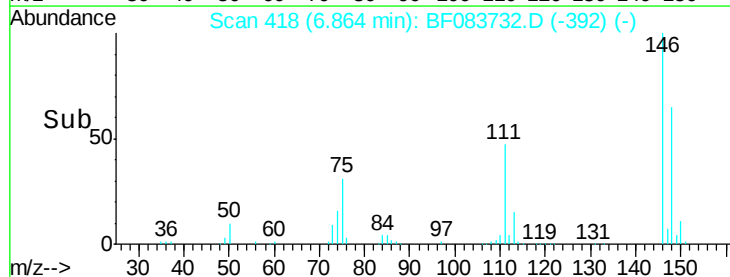
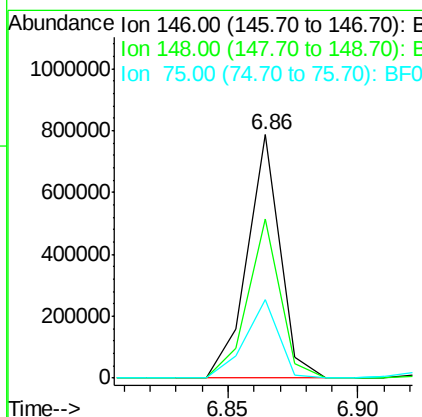
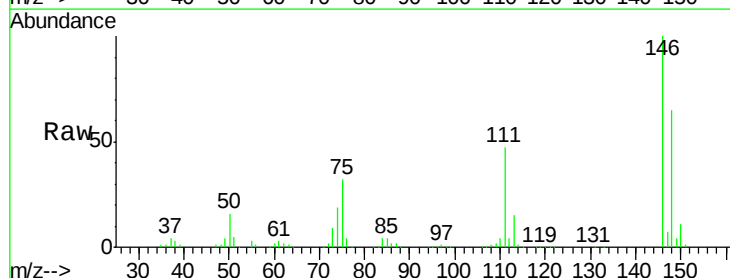
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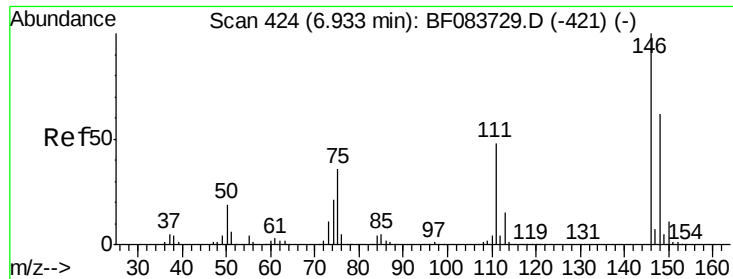
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#12
1,3-Dichlorobenzene
Concen: 66.46 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
75	32.0	18.8	28.2





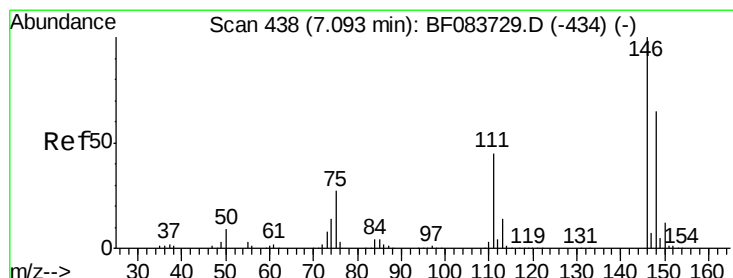
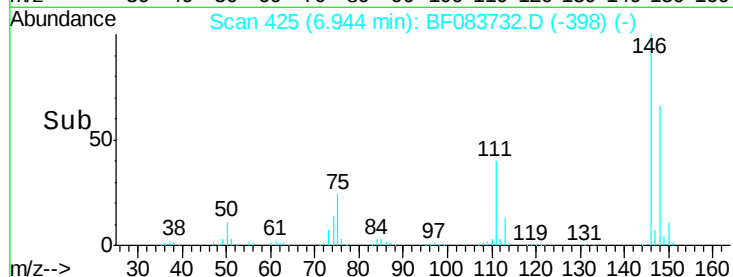
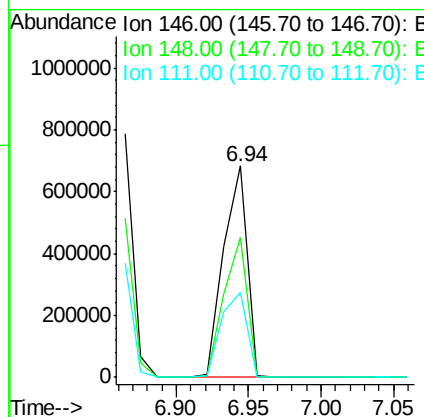
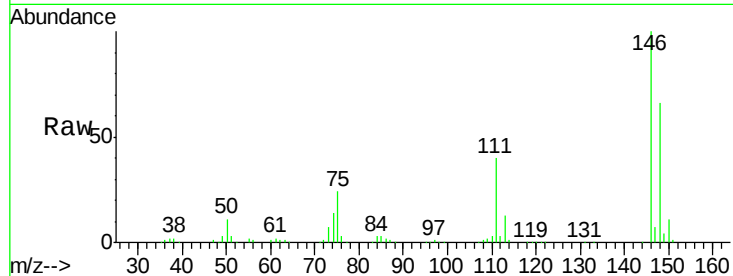
#13
 1,4-Dichlorobenzene
 Concen: 73.84 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.0	75.0
111	40.1	38.1	57.1

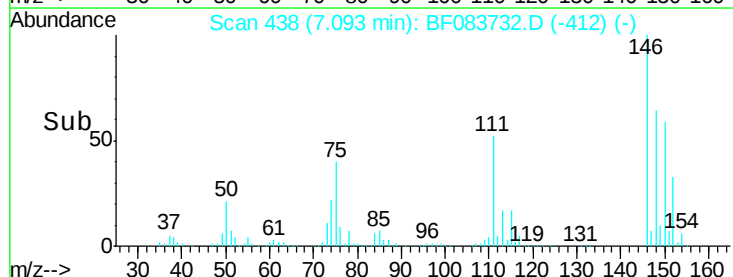
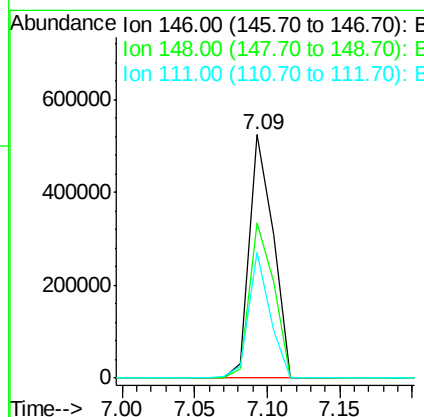
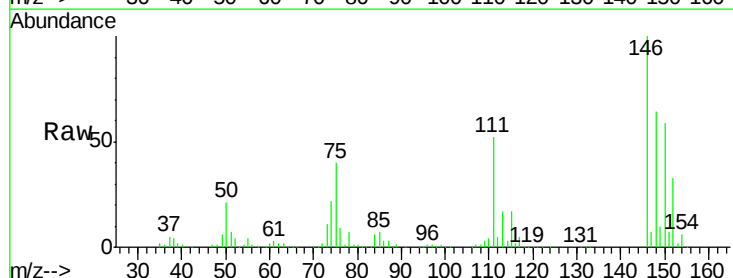
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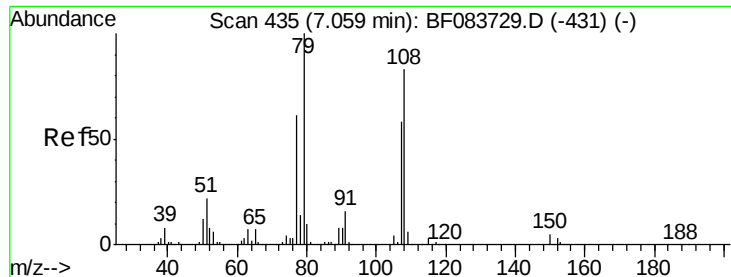
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 60.99 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	51.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 74.79 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 574025

Ion Ratio Lower Upper

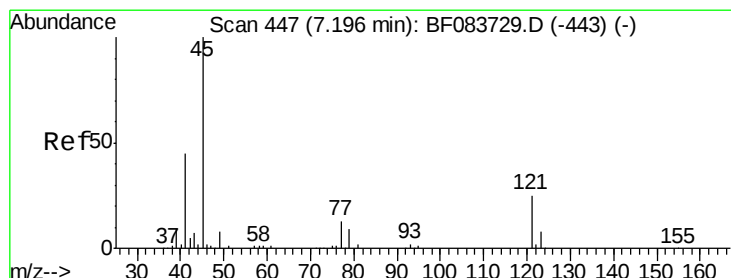
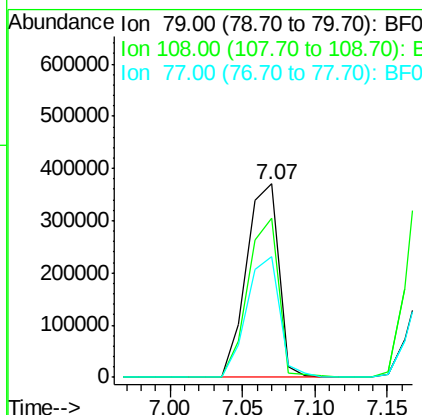
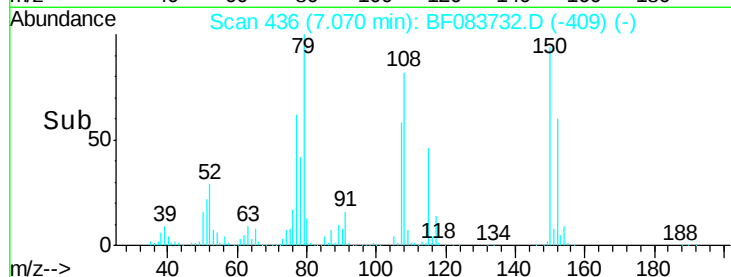
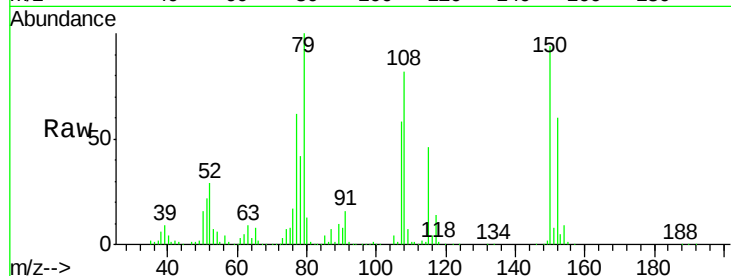
79 100

108 82.2 66.3 99.5

77 62.2 48.5 72.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 64.73 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

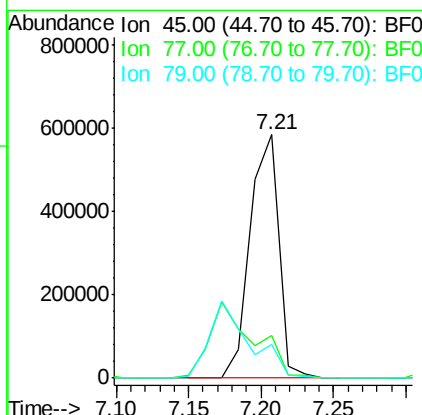
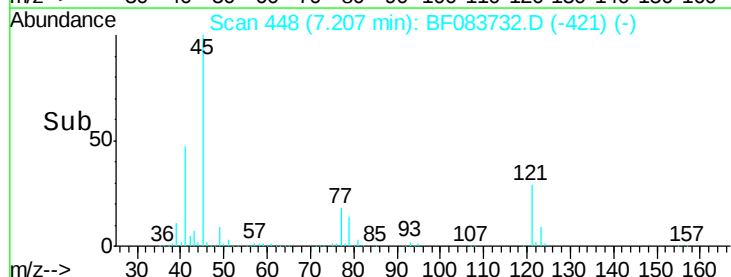
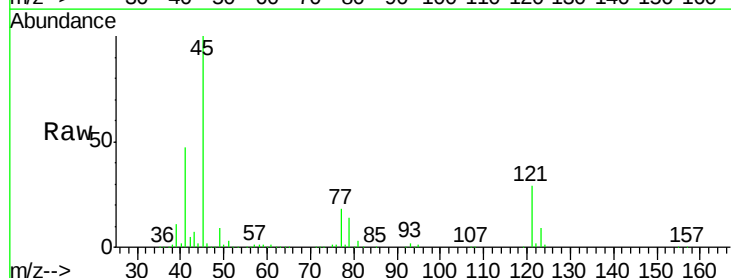
Tgt Ion: 45 Resp: 800663

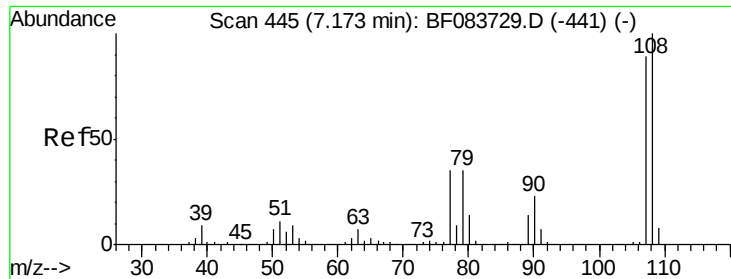
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.3

79 13.9 0.0 32.0





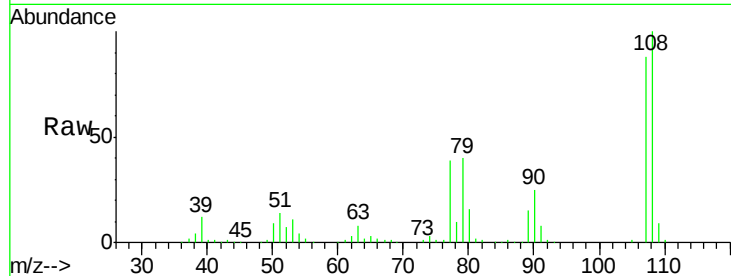
#17
2-Methylphenol
Concen: 75.86 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

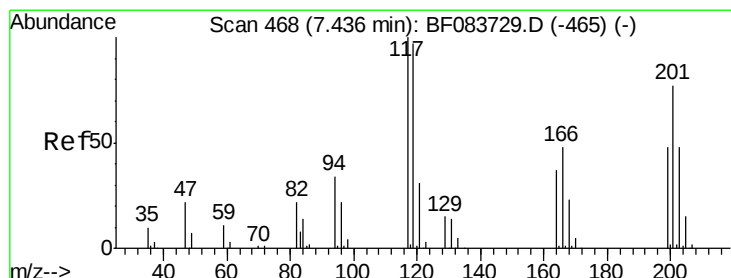
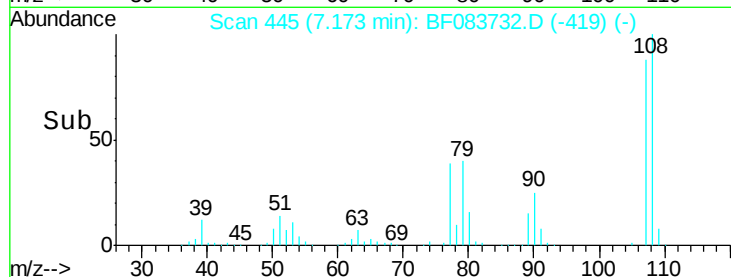
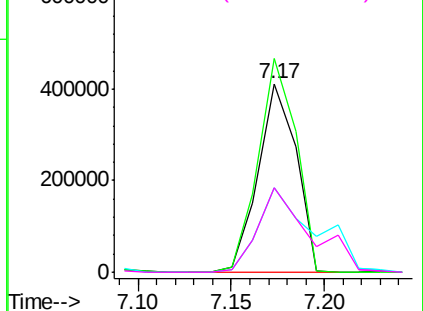
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.5	134.3	
77	44.6	31.0	46.4	
79	44.8	31.4	47.2	

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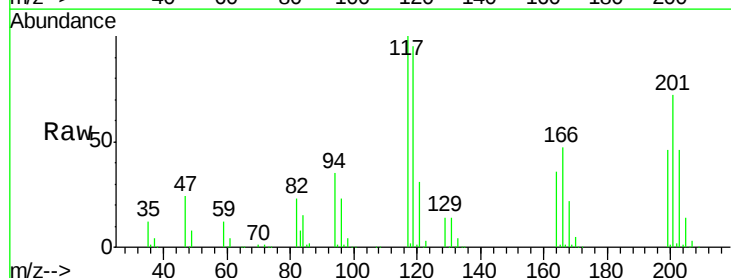


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

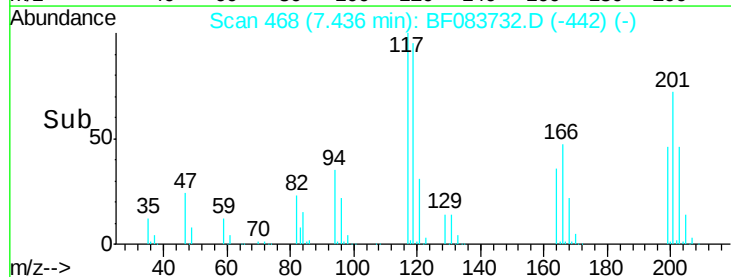
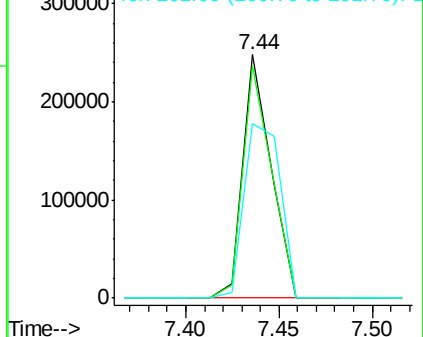


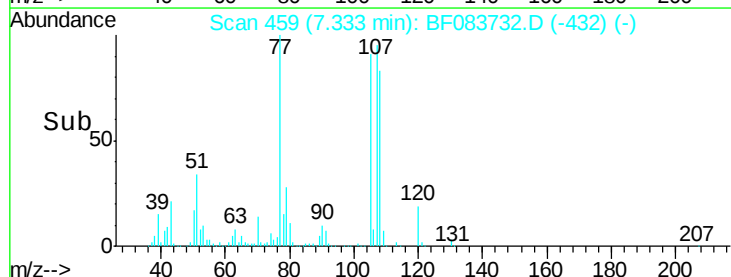
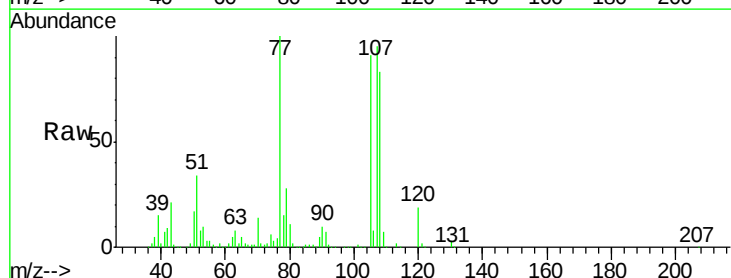
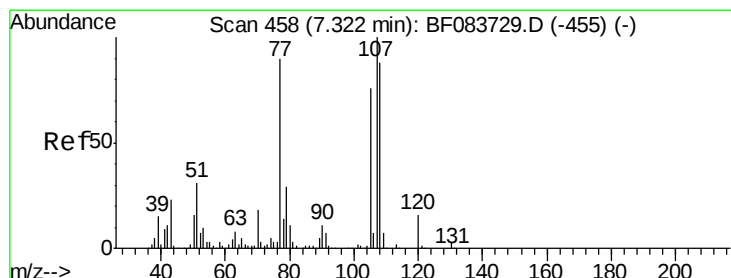
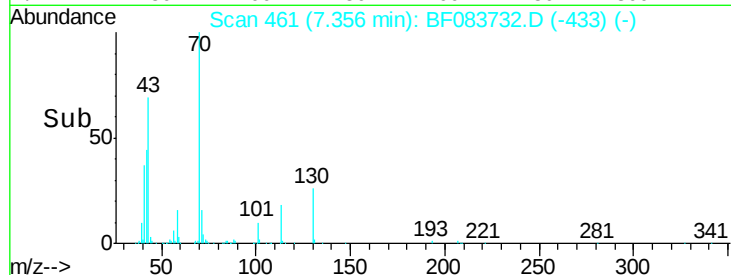
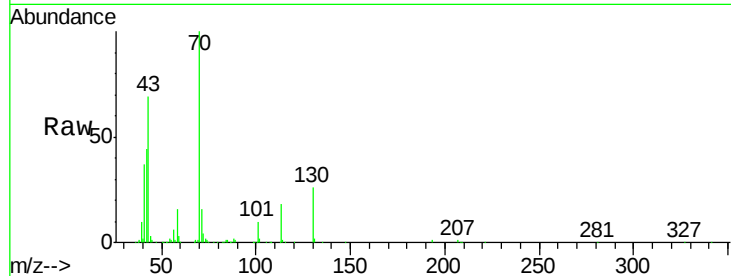
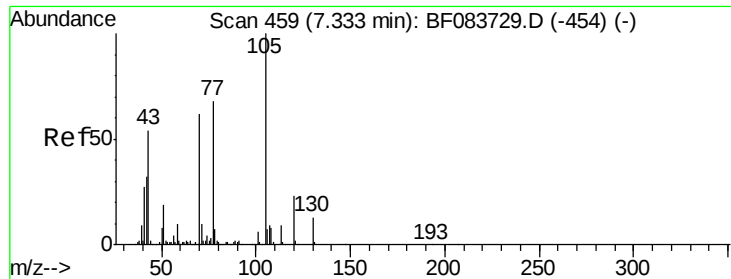
#18
Hexachloroethane
Concen: 73.00 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	77.4	116.0	
201	71.6	61.3	91.9	



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





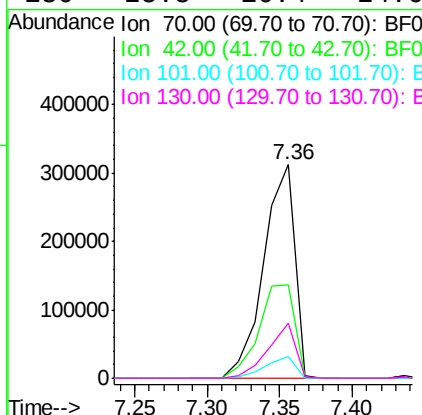
#19
n-Nitroso-di-n-propylamine
Concen: 75.94 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.9	41.4	62.2
101	10.5	7.7	11.5
130	25.8	16.4	24.6

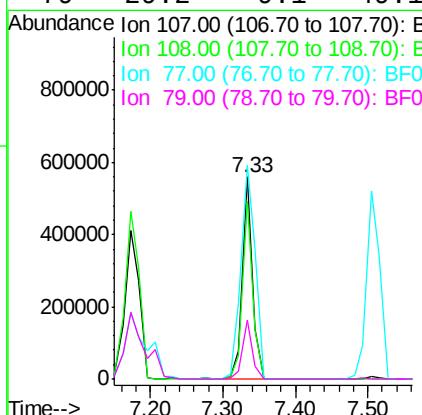
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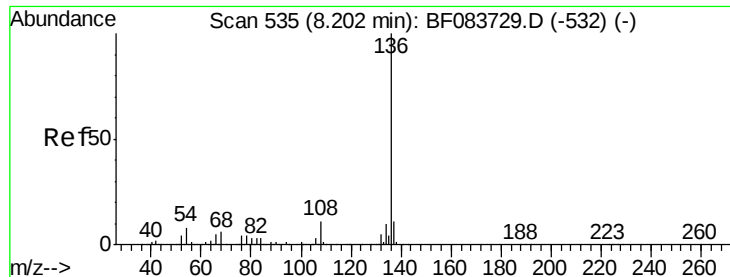
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#20
3+4-Methylphenols
Concen: 58.83 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.3	108.3
77	105.6	69.9	109.9
79	29.2	9.1	49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

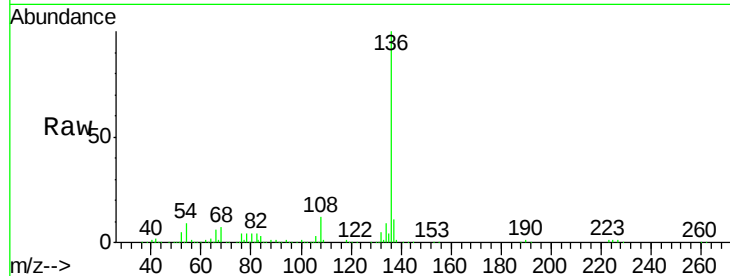
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		508774		
137	11.5		8.9	13.3	
54	9.1		6.5	9.7	
68	7.1		4.9	7.3	

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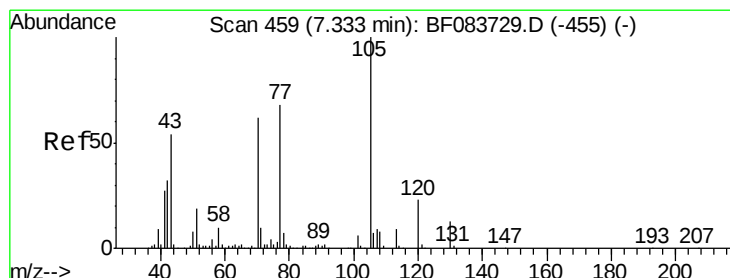
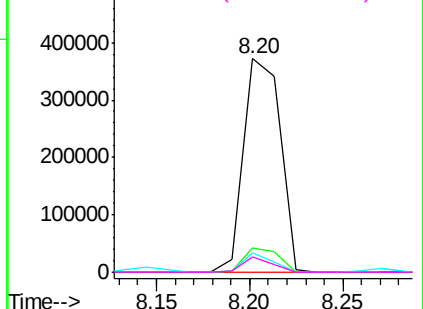
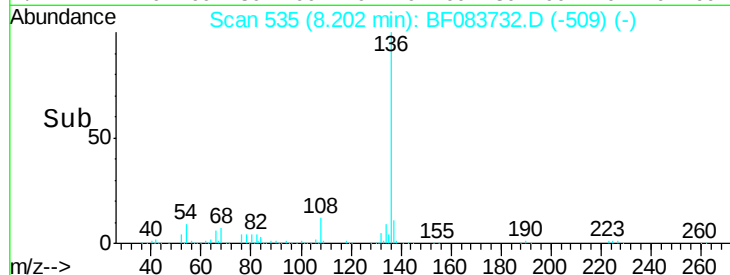


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 71.39 ng

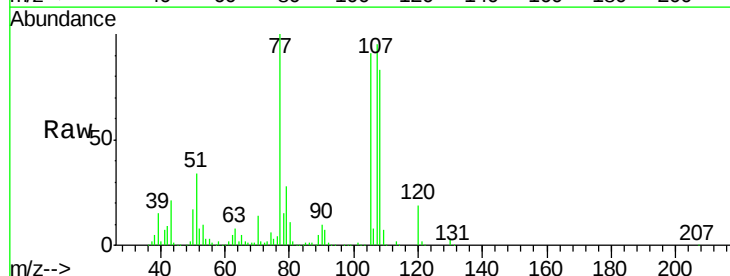
RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		884840		
71	2.6		8.2	12.4#	
51	37.3		15.0	22.6#	
120	21.4		18.3	27.5	

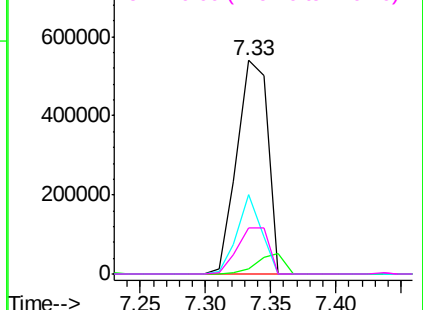
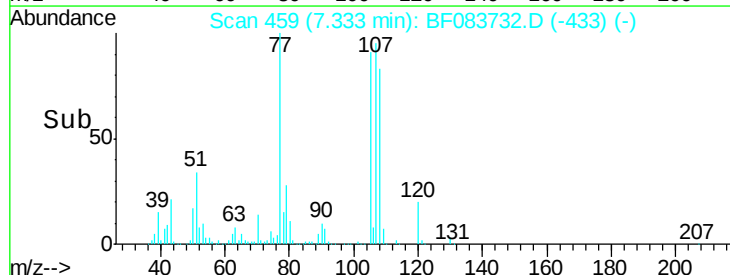


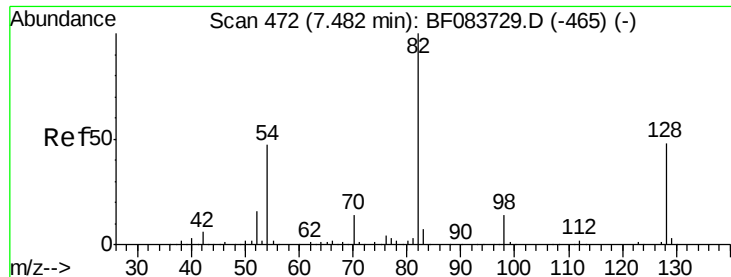
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





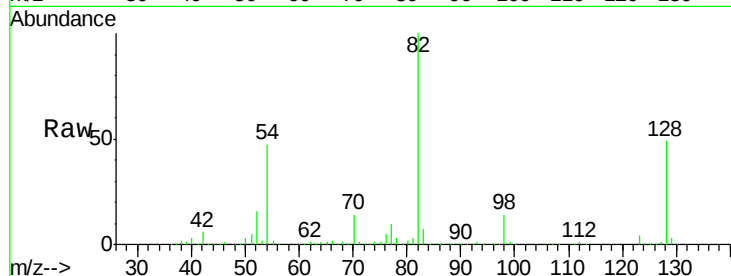
#23
Nitrobenzene-d5
Concen: 174.77 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

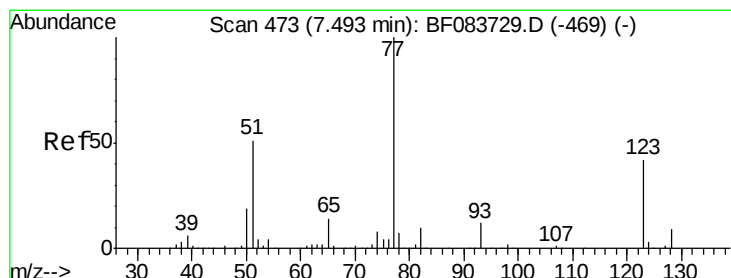
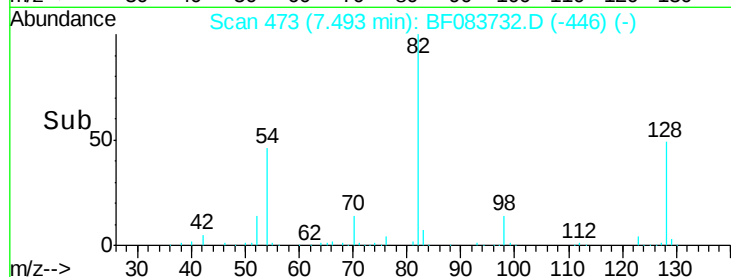
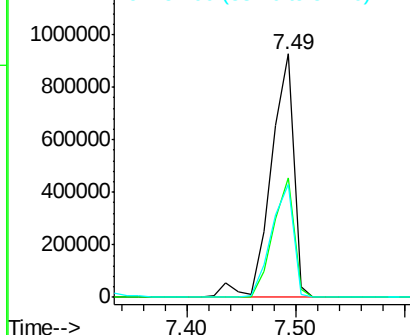
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.2	57.4
54	46.7	37.6	56.4

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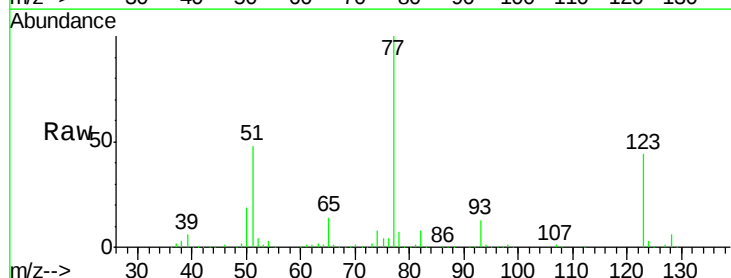


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

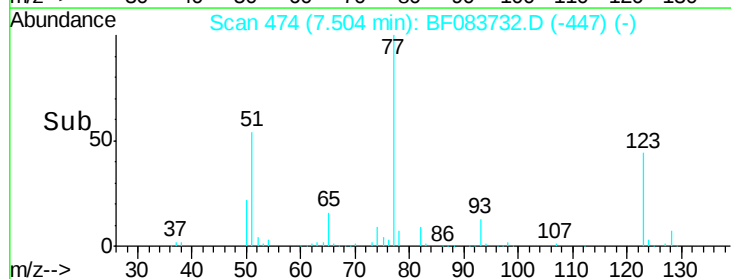
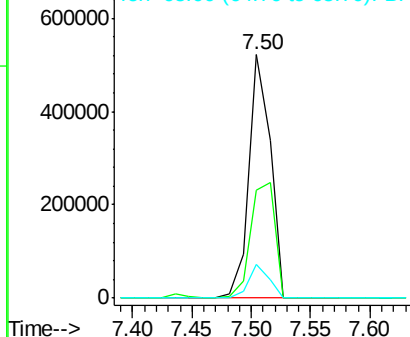


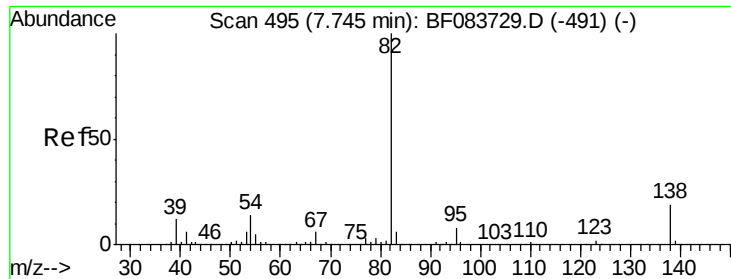
#24
Nitrobenzene
Concen: 78.13 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.7	50.5
65	14.0	10.8	16.2



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





#25

Isophorone

Concen: 79.55 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1360874

Ion Ratio Lower Upper

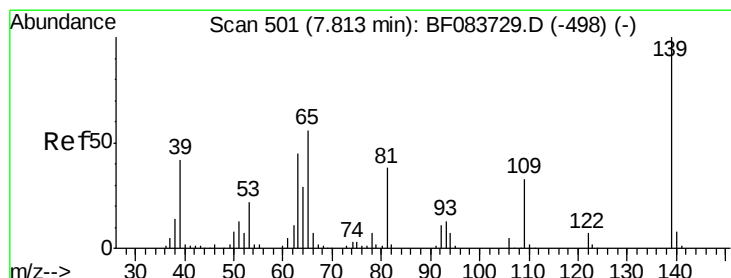
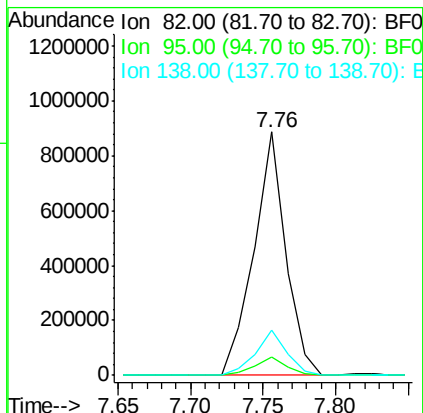
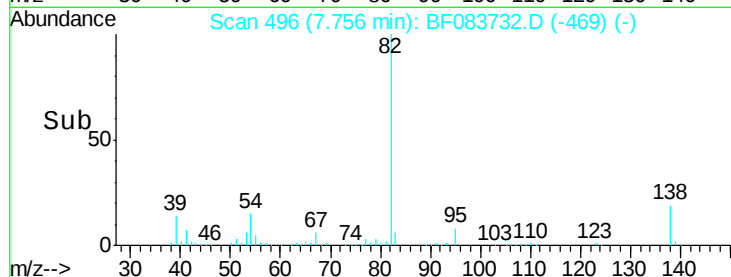
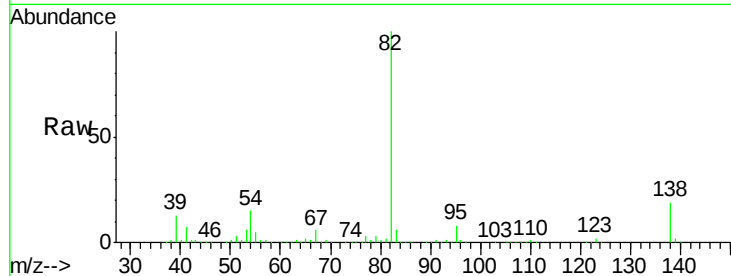
82 100

95 7.6 6.0 9.0

138 18.7 15.5 23.3

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#26

2-Nitrophenol

Concen: 110.82 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

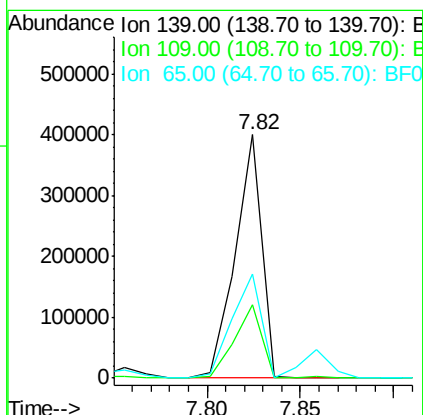
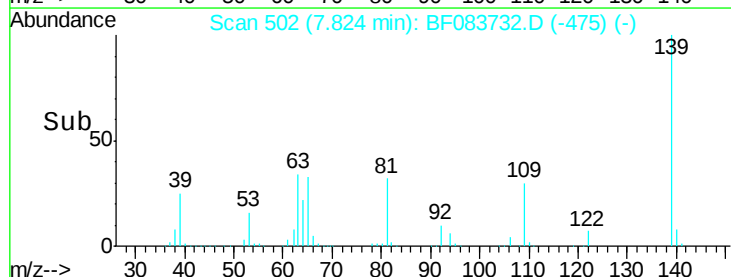
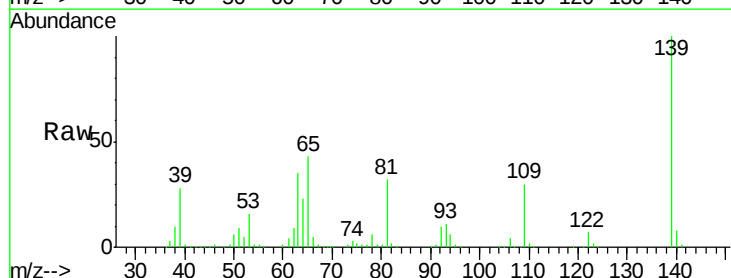
Tgt Ion: 139 Resp: 399231

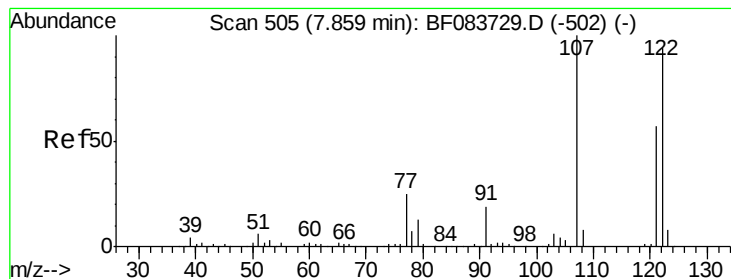
Ion Ratio Lower Upper

139 100

109 30.3 26.0 39.0

65 42.9 44.6 66.8#





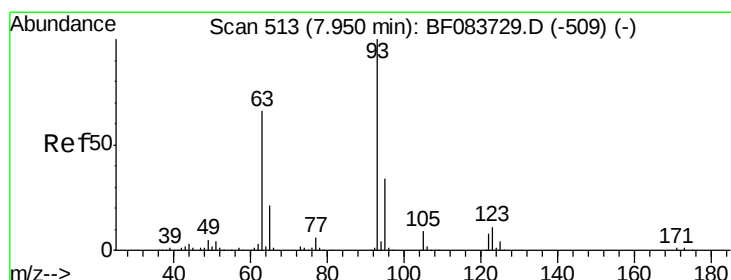
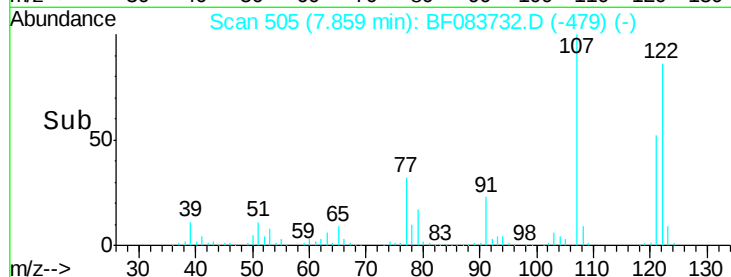
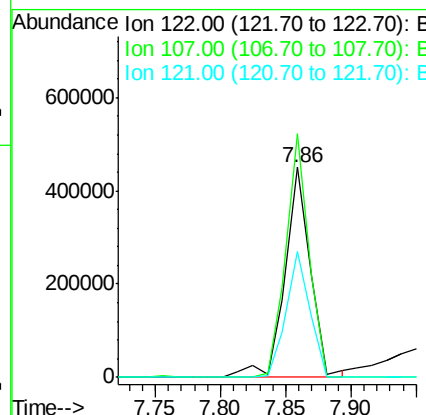
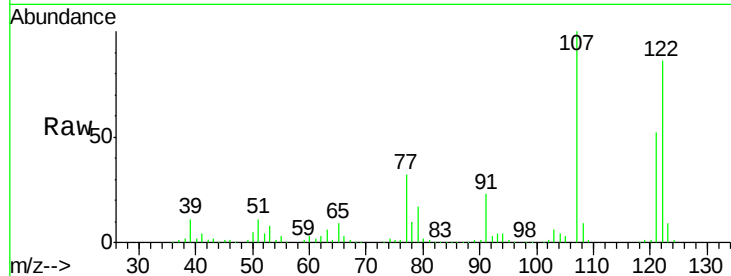
#27
 2,4-Dimethylphenol
 Concen: 72.57 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	617468		
107	116.1	83.9	125.9	
121	59.9	47.5	71.3	

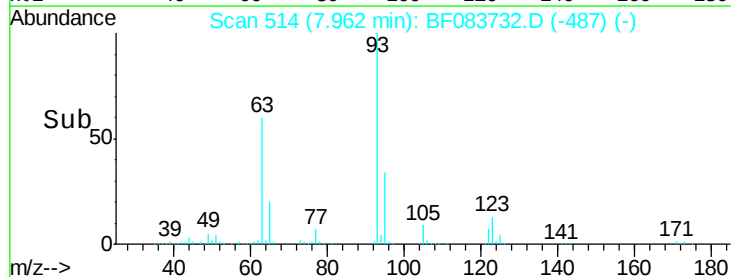
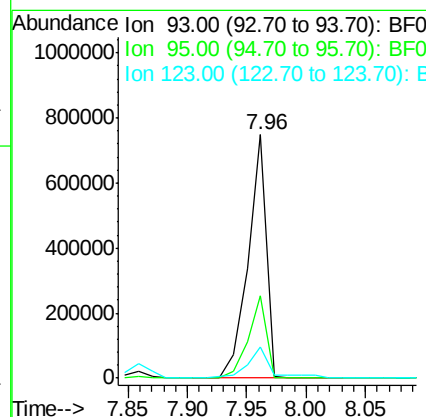
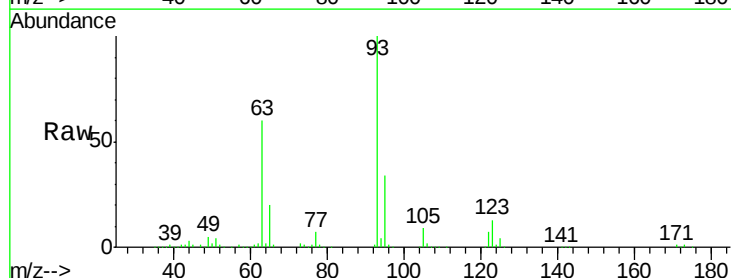
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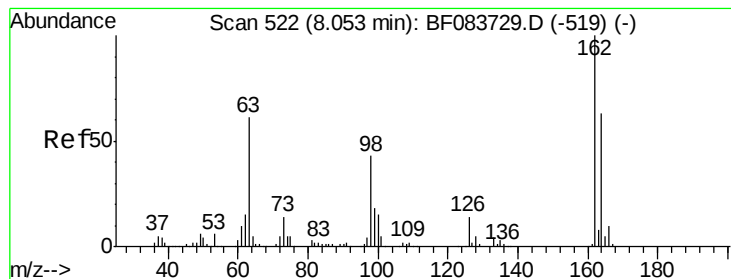
MMdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 83.39 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	799283		
95	33.9	26.9	40.3	
123	12.5	9.3	13.9	





#29

2,4-Dichlorophenol

Concen: 77.75 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

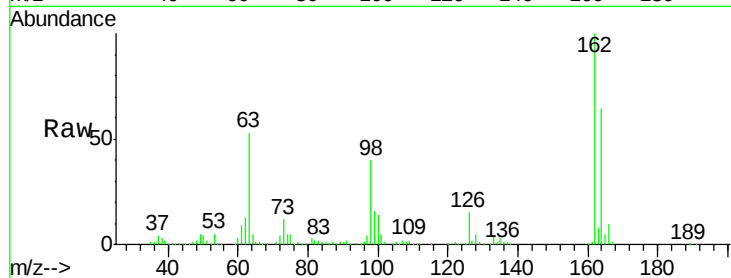
ClientSampleId :

SSTDIC080

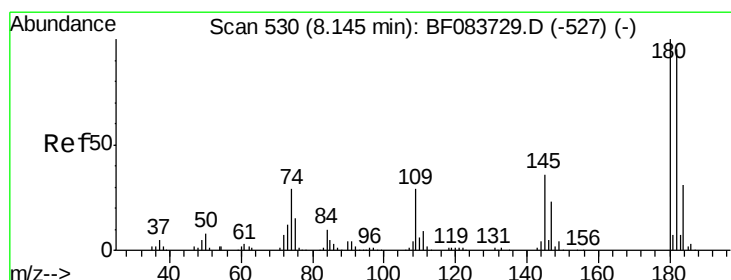
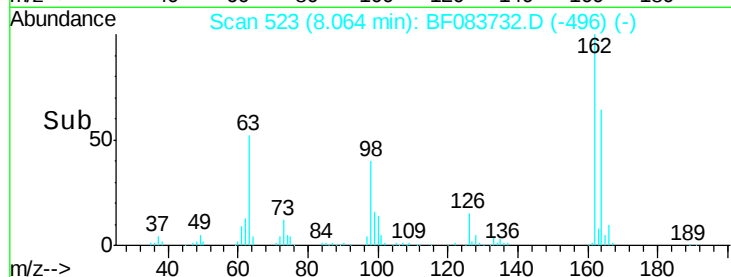
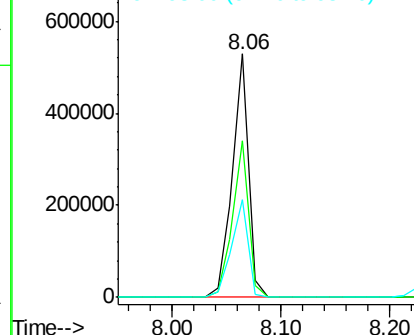
Tot Ion:	162	Resp:	540241
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.8	82.8
98	40.1	23.1	63.1

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



#30

1,2,4-Trichlorobenzene

Concen: 73.24 ng

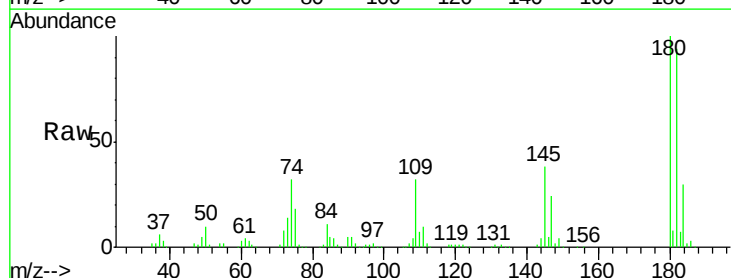
RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

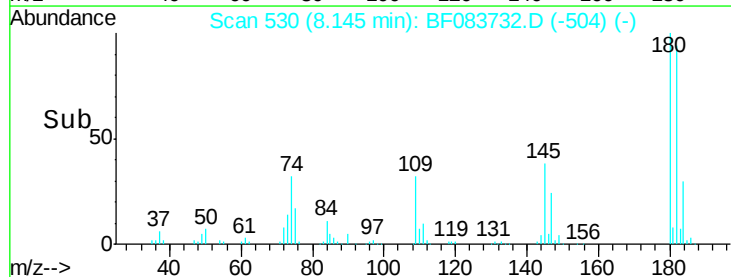
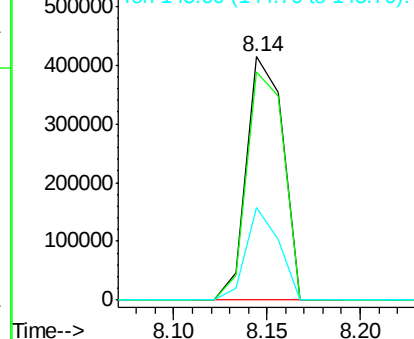
Lab File: BF083732.D

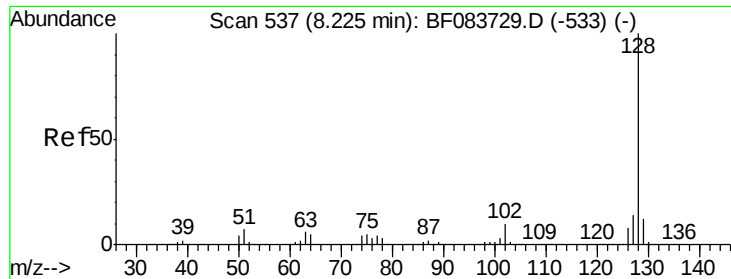
Acq: 13 Dec 2015 16:37

Tgt Ion:	180	Resp:	560122
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.8
145	37.9	29.0	43.6



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





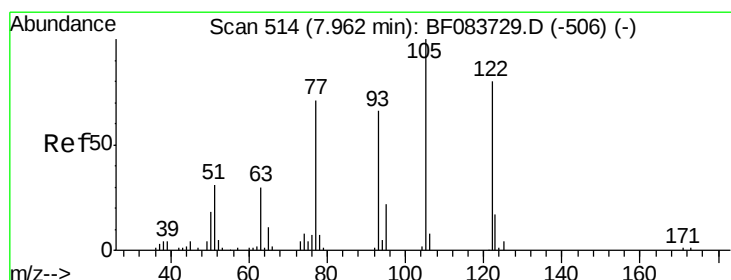
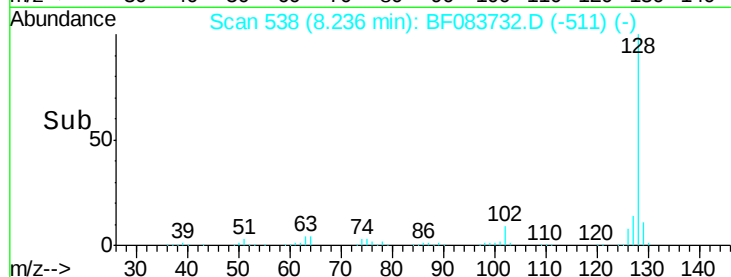
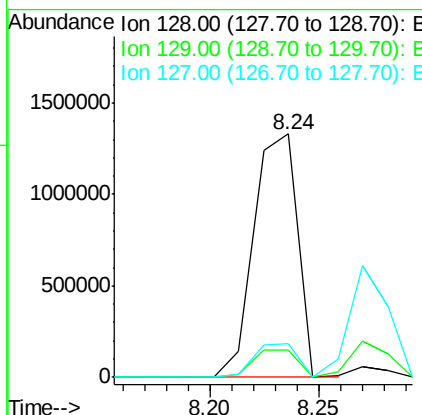
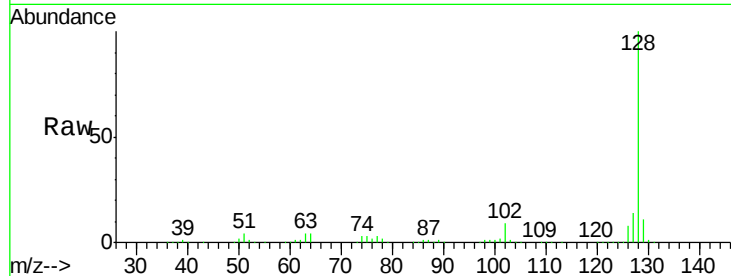
#31
Naphthalene
Concen: 74.11 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:128 Resp: 1869424
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.9 11.0 16.6

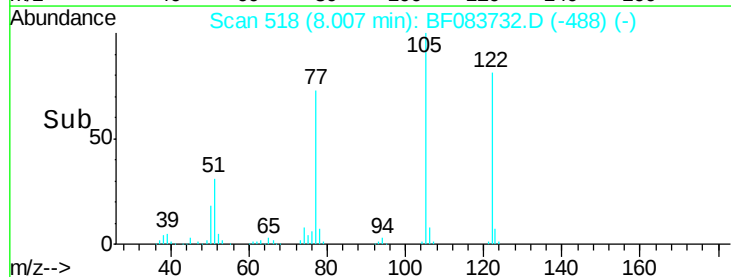
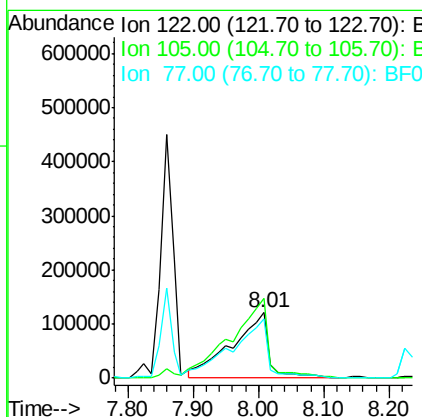
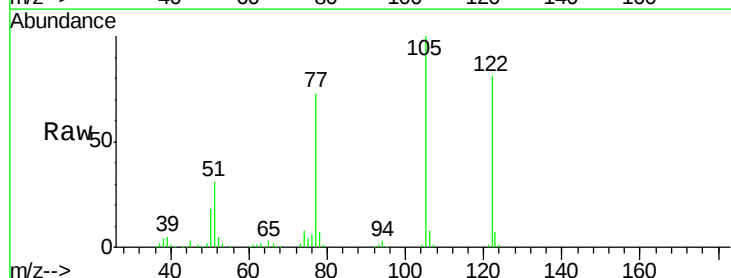
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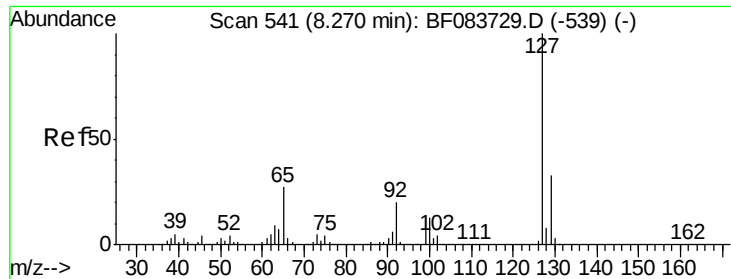
MMdadoda
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#32
Benzoic acid
Concen: 98.90 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.05 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:122 Resp: 474706
Ion Ratio Lower Upper
122 100
105 123.0 102.6 142.6
77 90.4 69.1 109.1





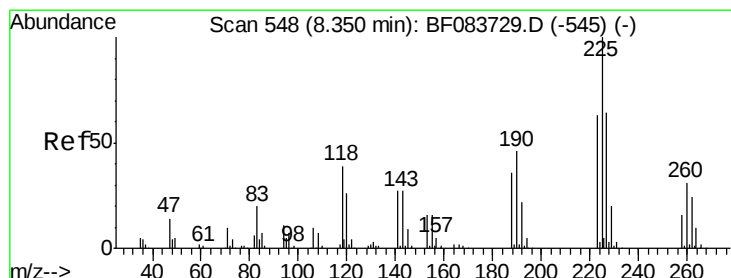
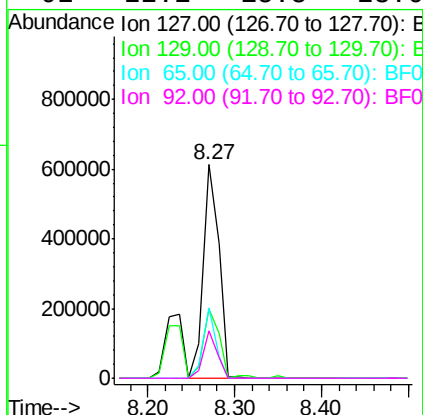
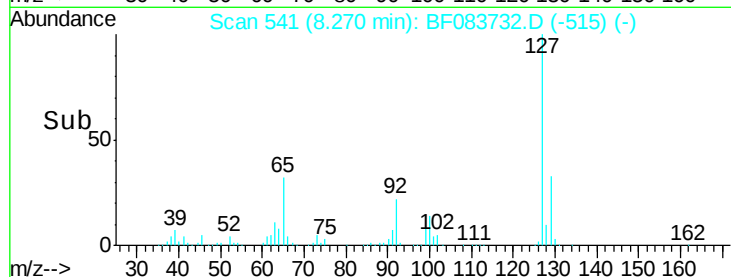
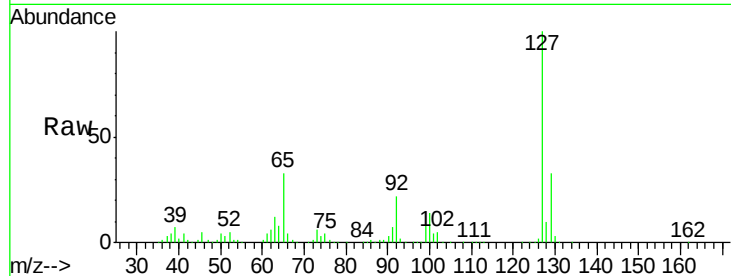
#33
4-Chloroaniline
Concen: 70.73 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.6	39.8		
65	33.0	21.7	32.5		
92	22.1	15.8	23.6		

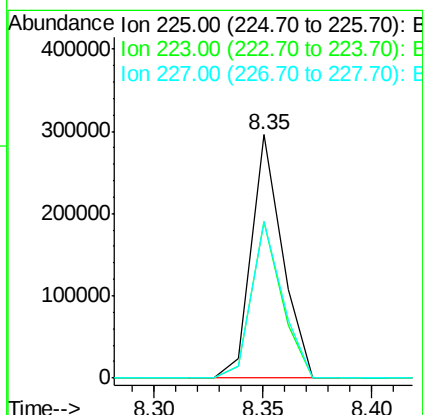
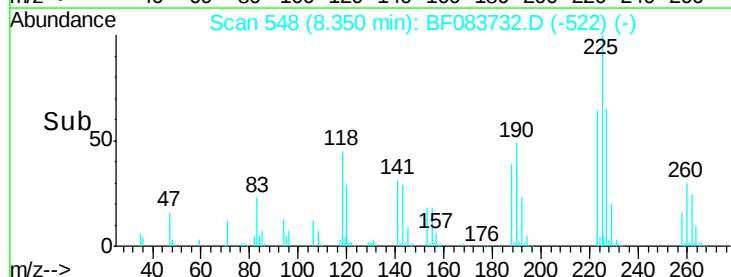
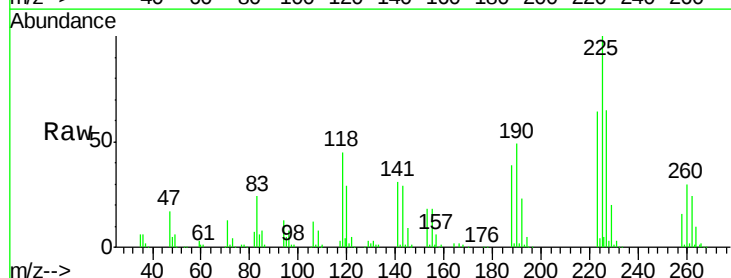
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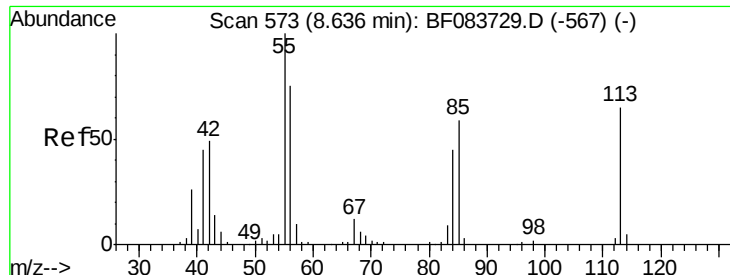
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#34
Hexachlorobutadiene
Concen: 68.56 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	50.6	75.8		
227	64.5	50.8	76.2		





#35

Caprolactam

Concen: 81.57 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.03 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

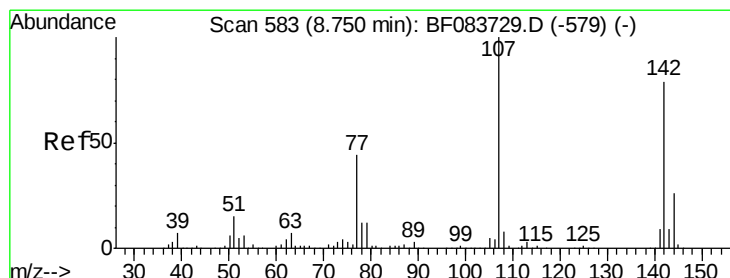
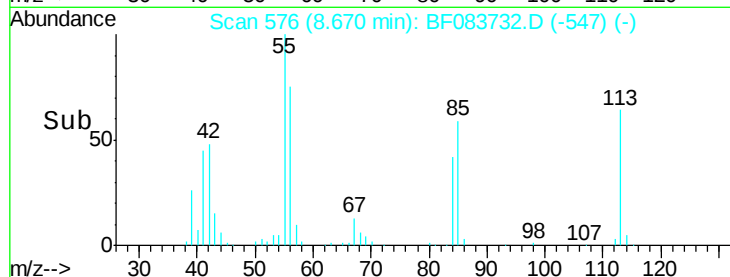
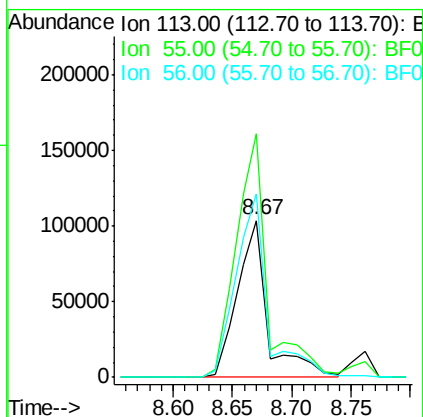
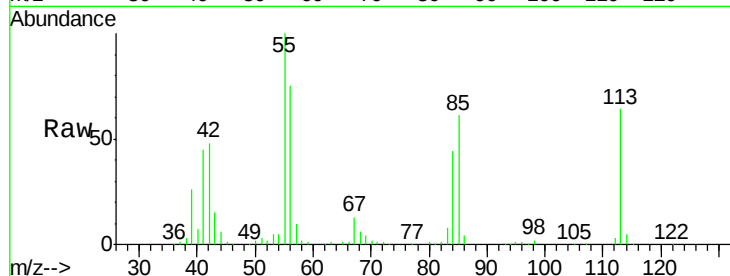
ClientSampleId :

SSTDICC080

Tot Ion:	113	Resp:	185089
Ion Ratio	Lower	Upper	
113	100		
55	155.4	133.7	173.7
56	117.0	95.4	135.4

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#36

4-Chloro-3-methylphenol

Concen: 85.92 ng

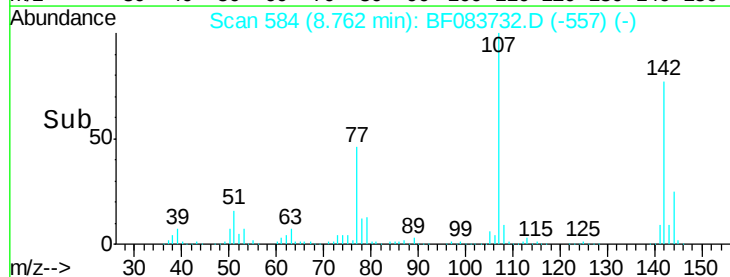
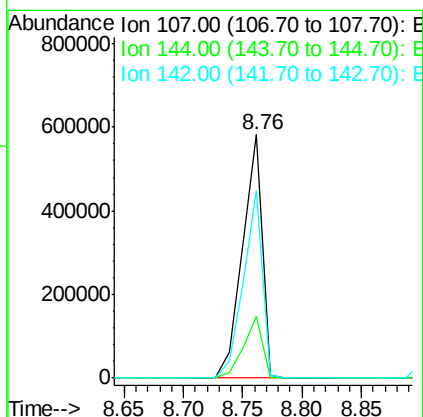
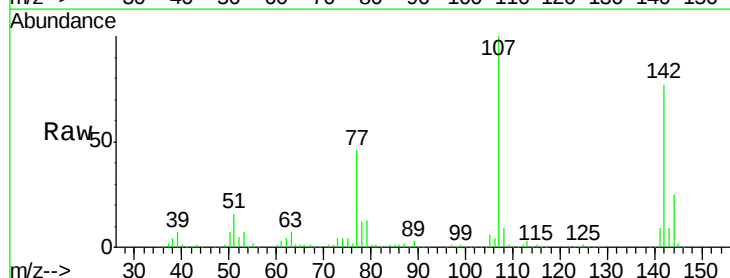
RT: 8.76 min Scan# 584

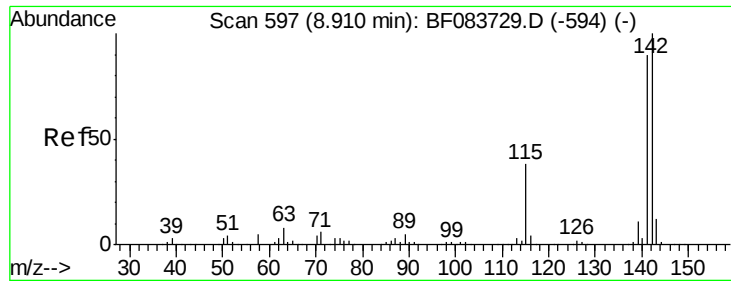
Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:	107	Resp:	678100
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.5	30.7
142	76.7	63.4	95.2





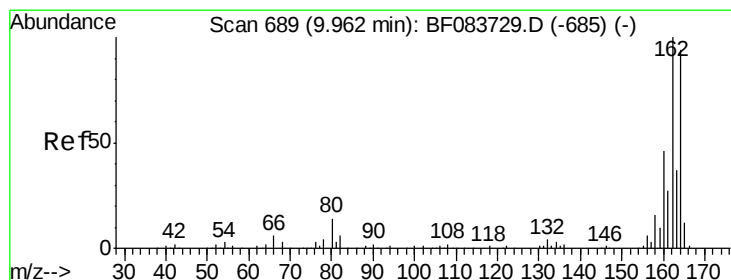
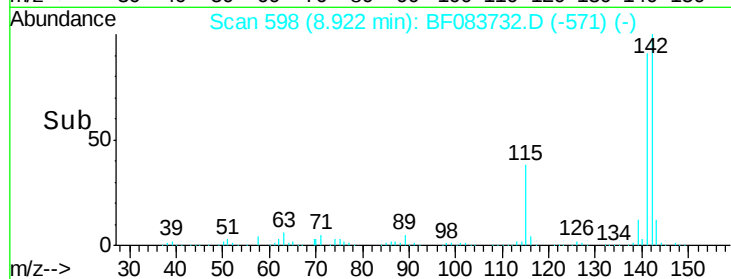
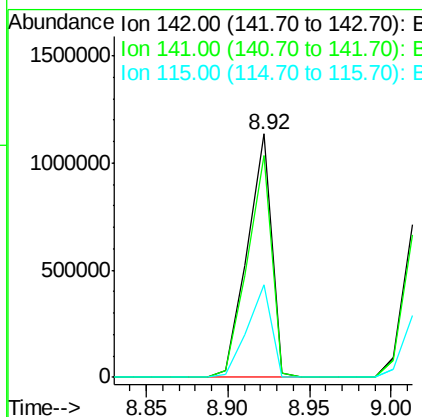
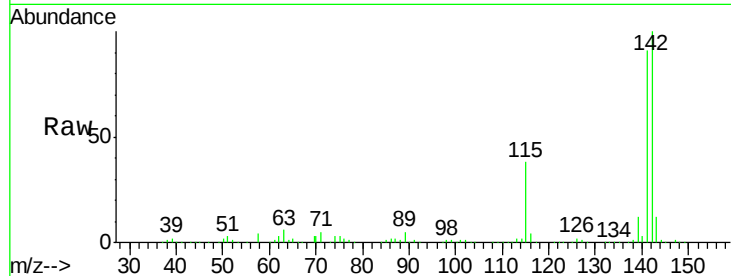
#37
2-Methylnaphthalene
Concen: 73.16 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.0	108.0
115	38.1	30.8	46.2

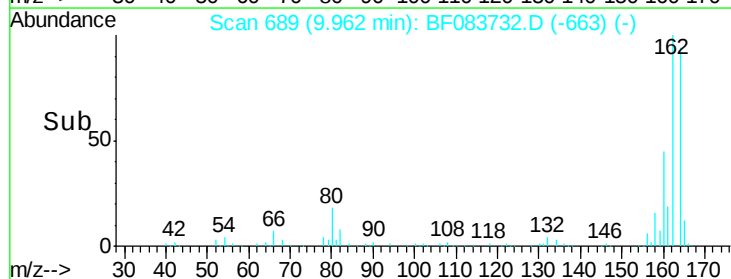
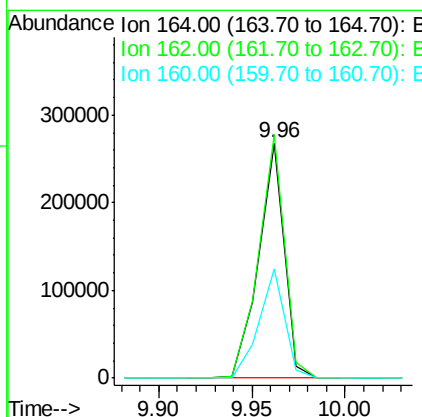
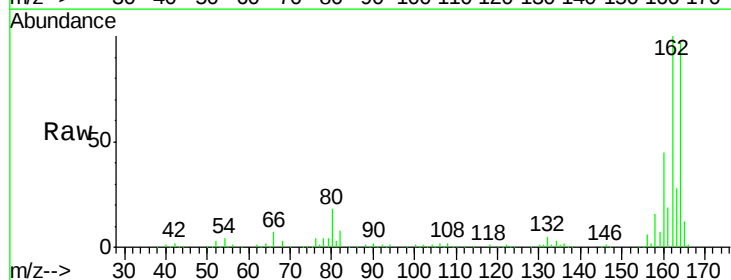
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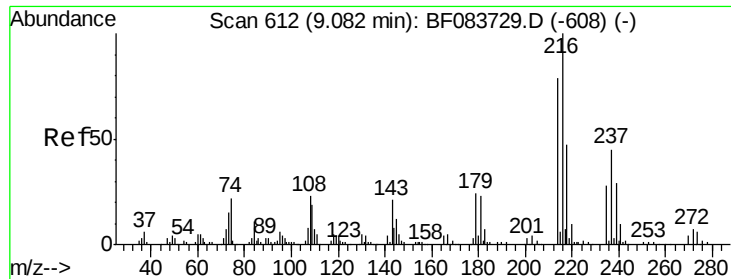
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.0	127.4
160	46.7	38.7	58.1





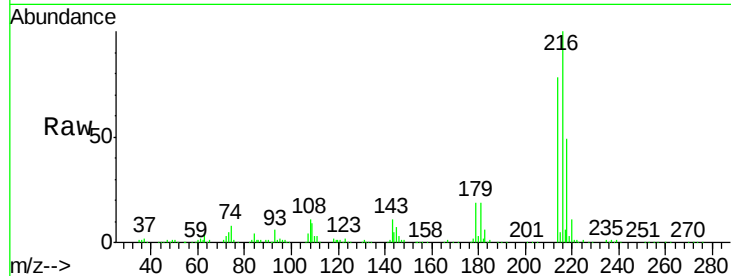
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 68.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

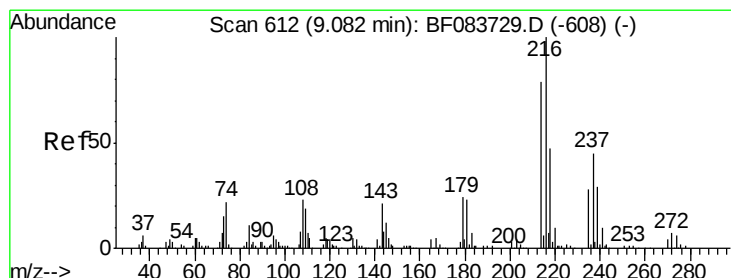
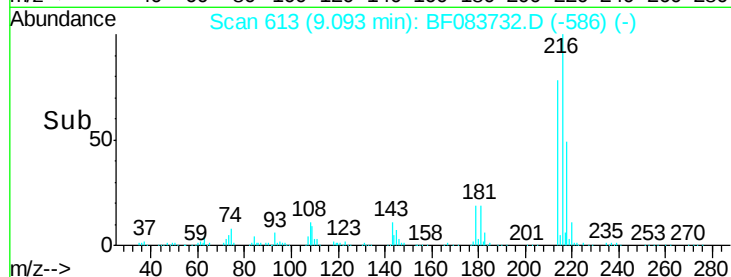
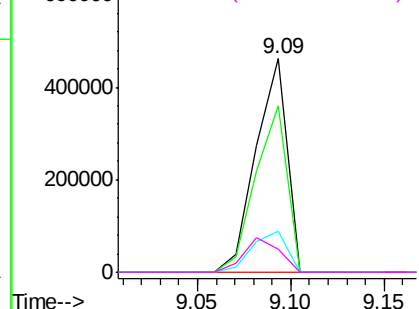
Tot Ion:	216	Resp:	531410
Ion Ratio		Lower	Upper
216	100		
214	78.8	62.6	93.8
179	21.4	18.2	27.4
108	18.8	18.6	28.0

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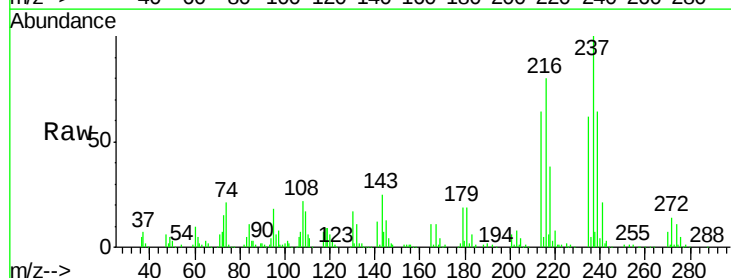


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

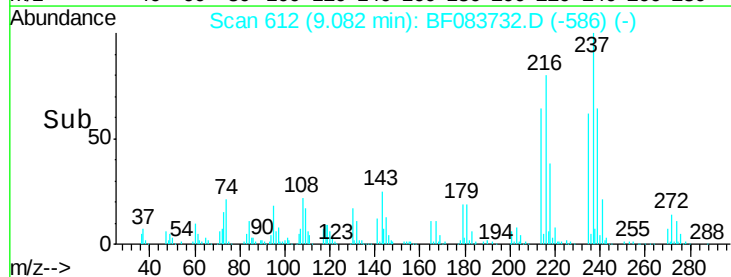
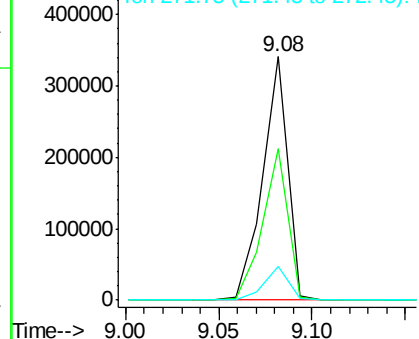


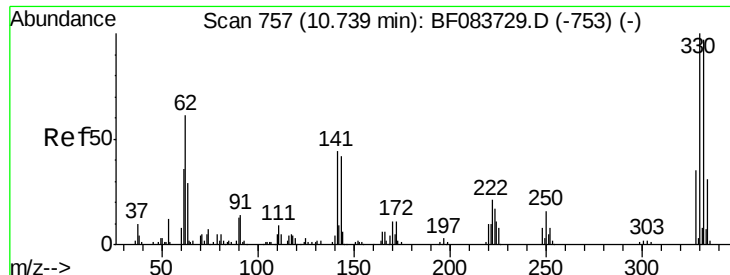
#40
 Hexachlorocyclopentadiene
 Concen: 82.92 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:	237	Resp:	314066
Ion Ratio		Lower	Upper
237	100		
235	62.3	41.8	81.8
272	13.7	0.0	34.9



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





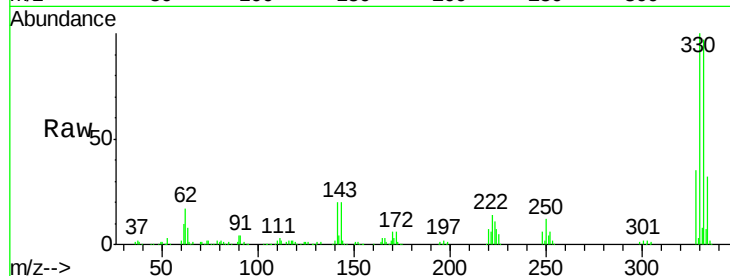
#41
 2,4,6-Tribromophenol
 Concen: 161.28 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

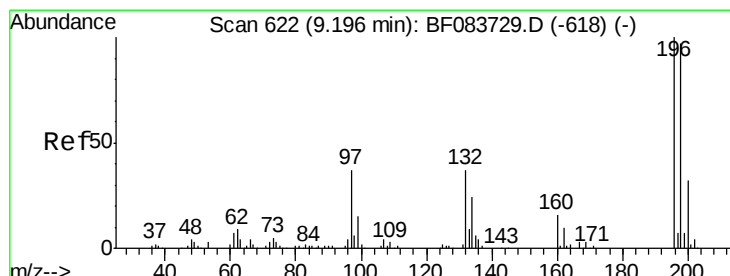
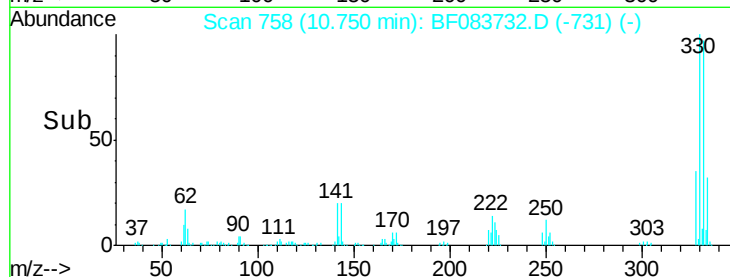
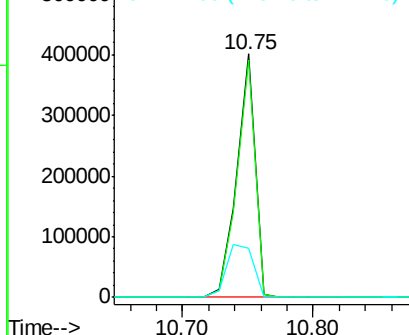
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	78.0	117.0	
141	32.2	31.9	47.9	

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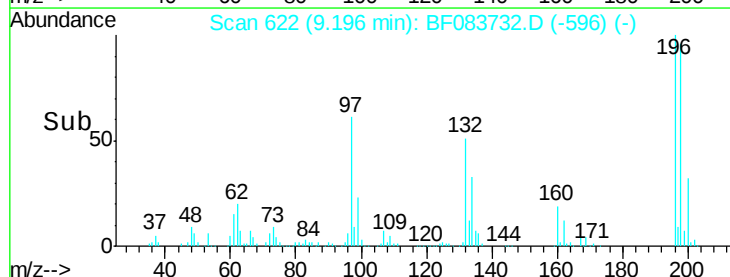
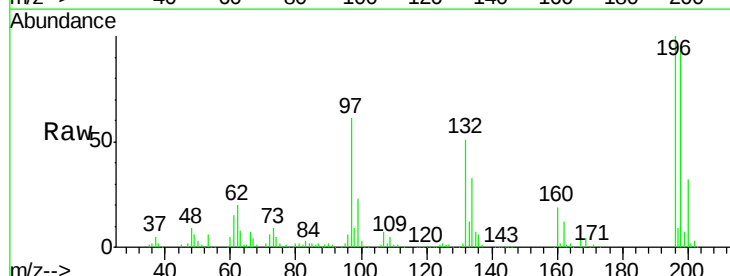
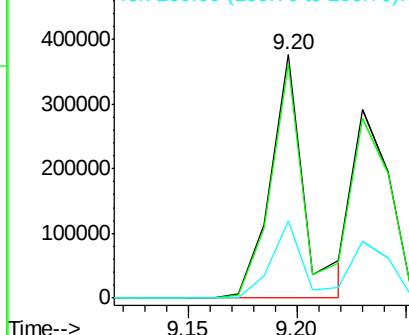
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

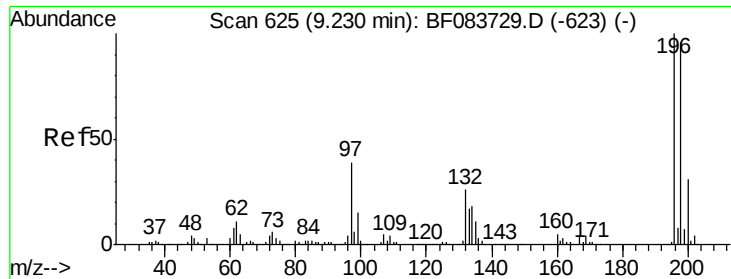


#42
 2,4,6-Trichlorophenol
 Concen: 75.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	77.8	116.6	
200	31.7	25.6	38.4	

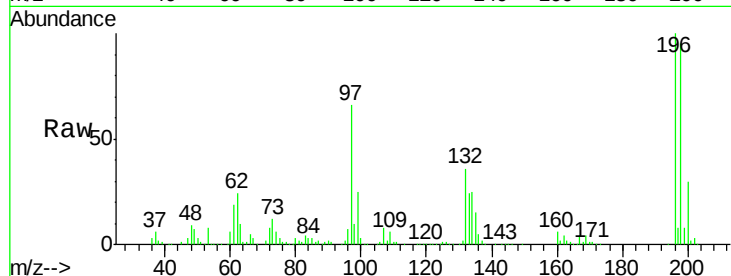
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 63.14 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

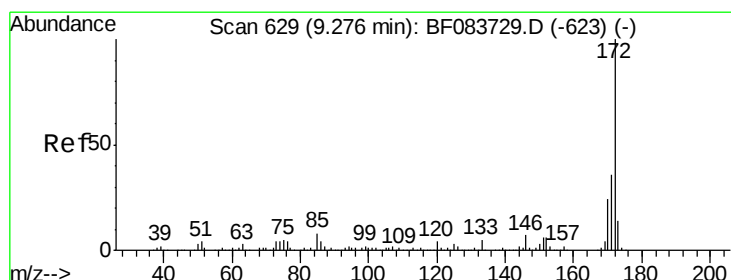
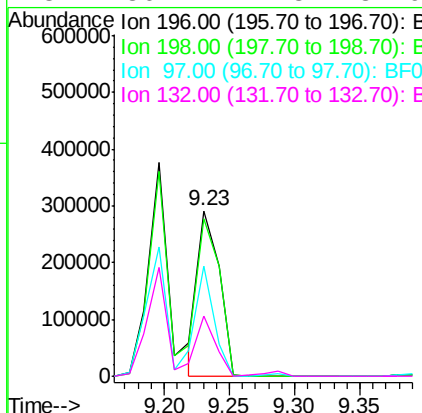
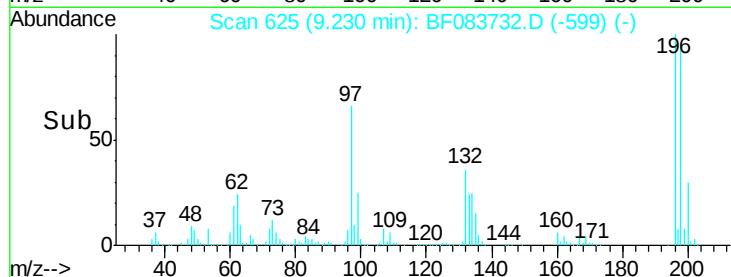
Instrument :
BNA_F
ClientSampleId :
SSTDIC080



Tot Ion	Ratio	Resp	Lower	Upper
196	100	336767		
198	95.4	77.1	115.7	
97	66.1	32.8	49.2	#
132	36.4	21.3	31.9	#

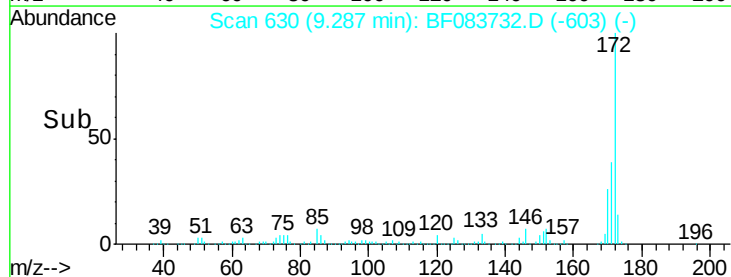
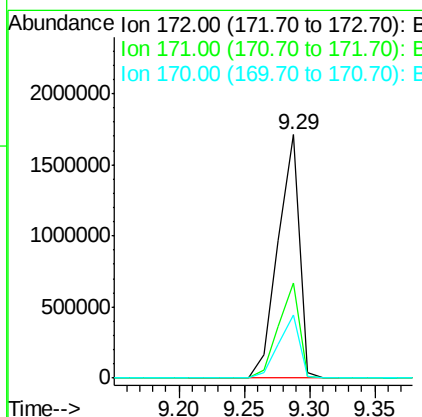
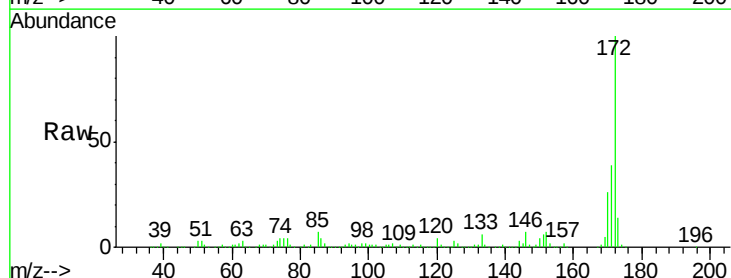
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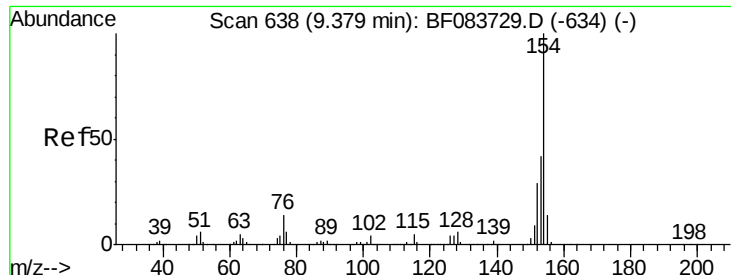
MMdadoda
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#44
2-Fluorobiphenyl
Concen: 114.07 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1981234		
171	38.9	29.0	43.6	
170	25.8	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 70.57 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

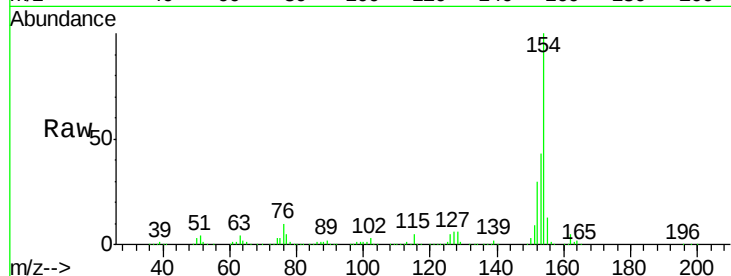
ClientSampleId :

SSTDICC080

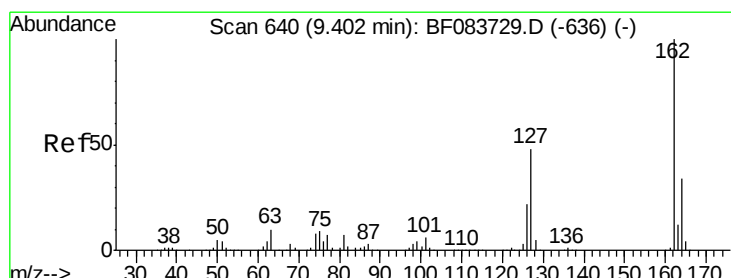
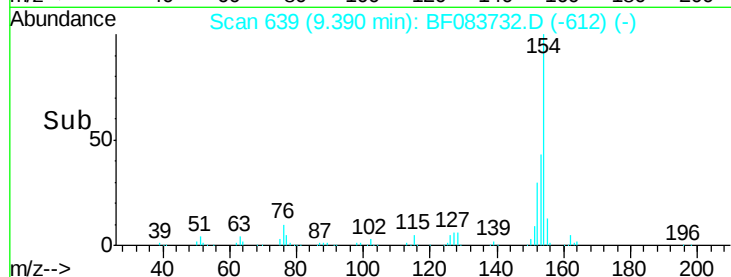
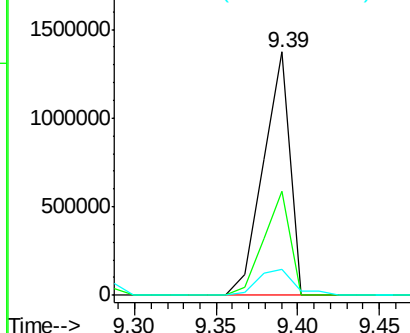
Tot Ion:	154	Resp:	1549144
Ion Ratio	Lower	Upper	
154	100		
153	43.0	21.9	61.9
76	10.4	0.0	33.9

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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: 69.98 ng

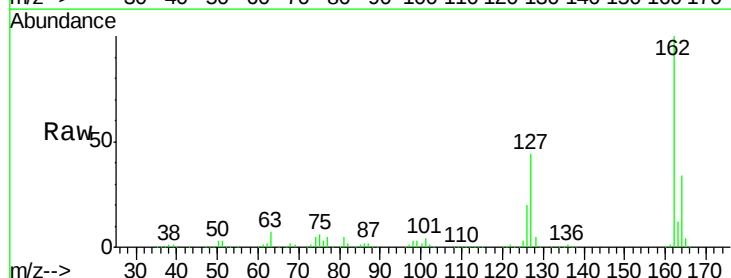
RT: 9.41 min Scan# 641

Delta R.T. 0.01 min

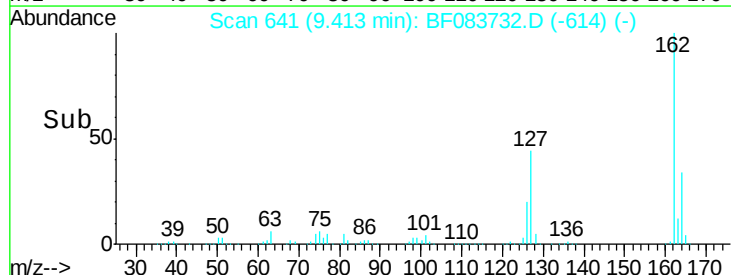
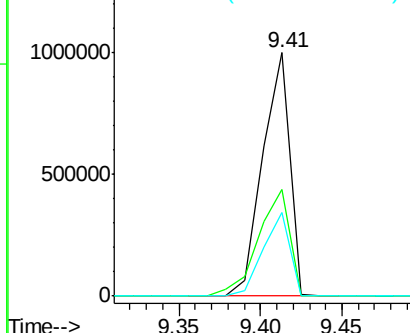
Lab File: BF083732.D

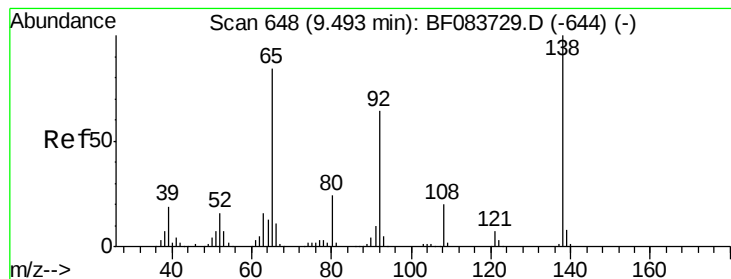
Acq: 13 Dec 2015 16:37

Tgt Ion:	162	Resp:	1154690
Ion Ratio	Lower	Upper	
162	100		
127	43.8	38.8	58.2
164	34.4	26.9	40.3



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





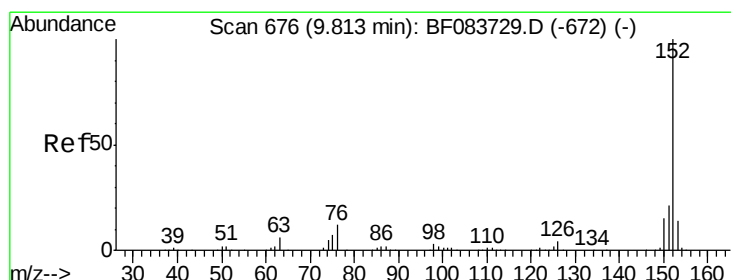
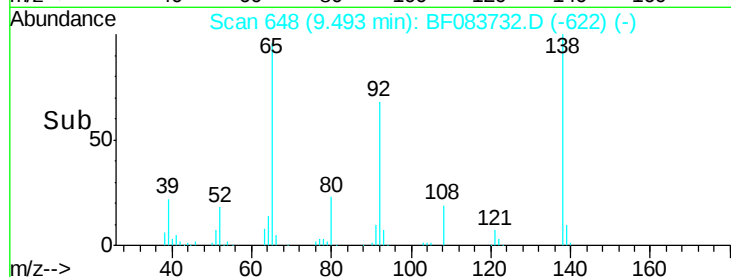
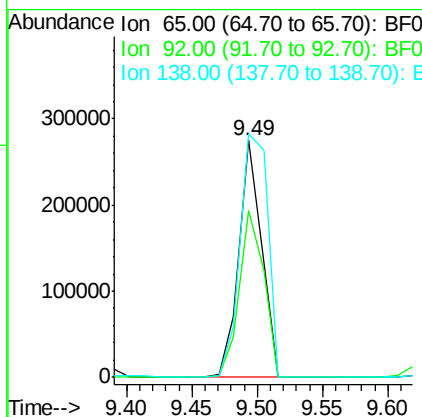
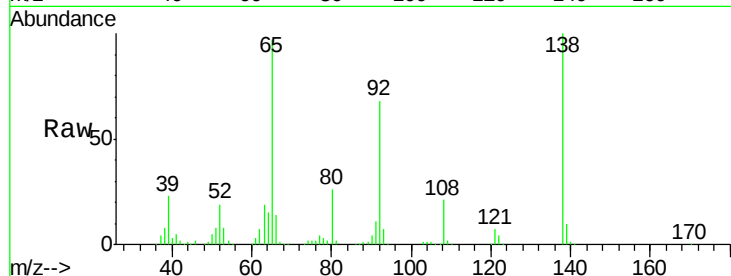
#47
2-Nitroaniline
Concen: 75.70 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
65	100	332231		
92	70.2	61.1	91.7	
138	102.8	95.0	142.4	

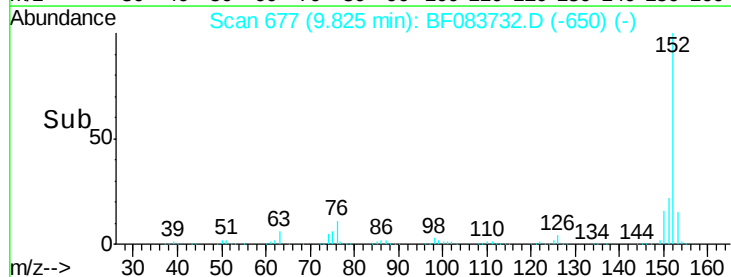
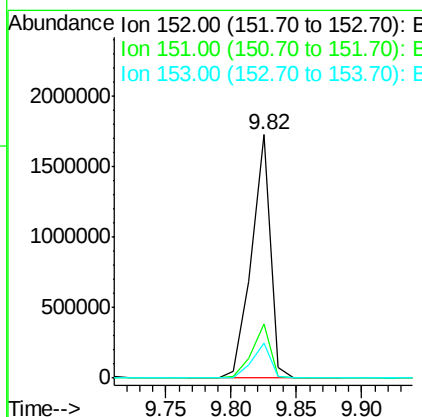
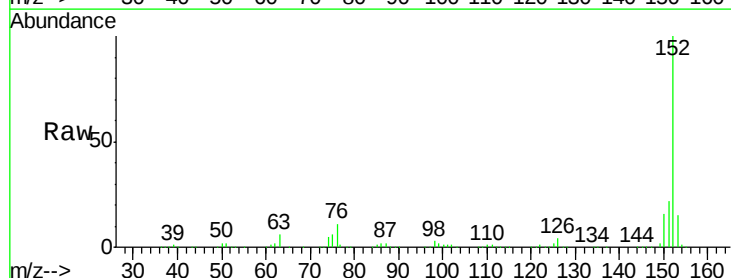
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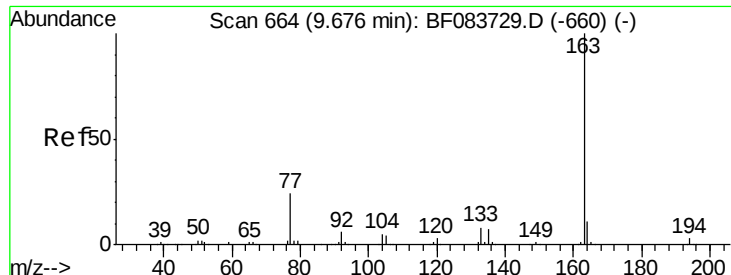
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#48
Acenaphthylene
Concen: 63.28 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1745654		
151	22.1	16.5	24.7	
153	14.6	11.1	16.7	





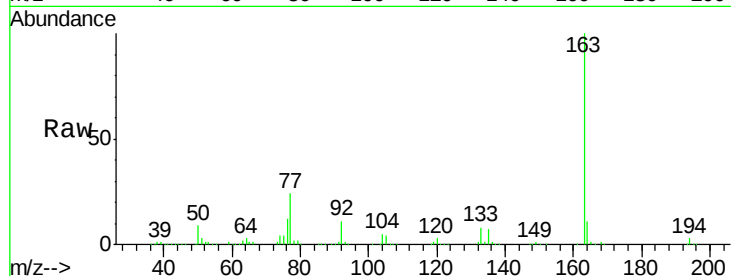
#49
Dimethylphthalate
Concen: 64.11 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

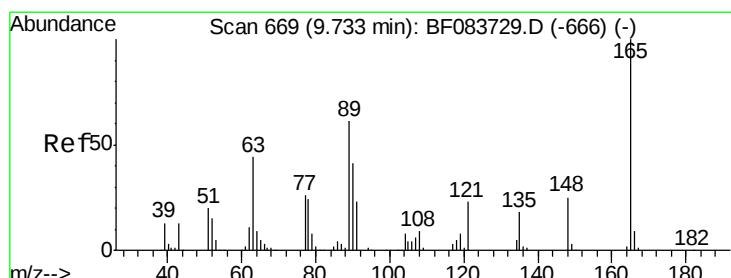
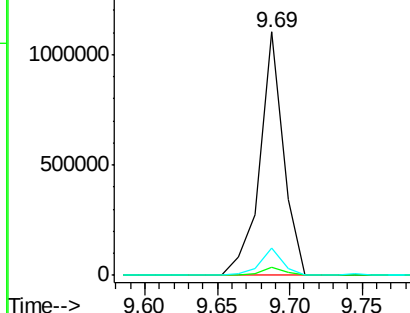
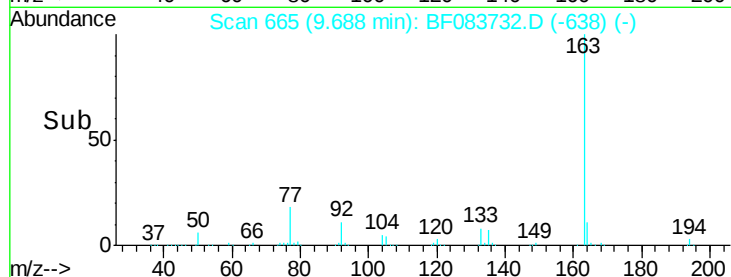
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.5	3.7
164	11.0	8.7	13.1

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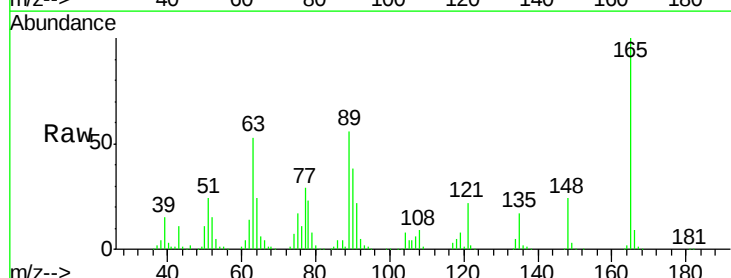


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

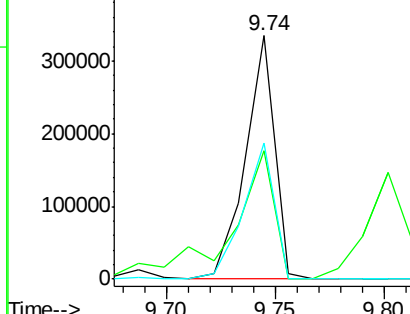
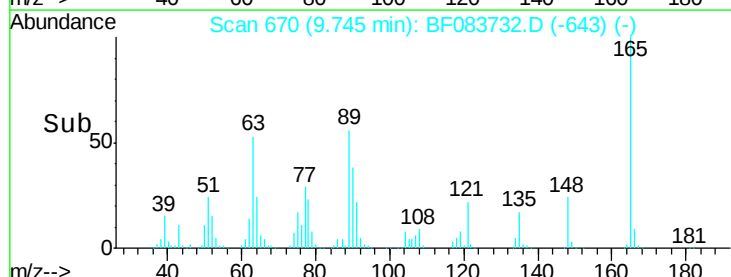


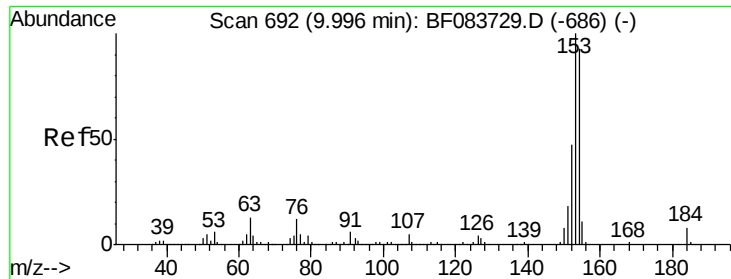
#50
2,6-Dinitrotoluene
Concen: 81.74 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.7	47.9	71.9
89	56.1	49.0	73.6



Abundance Ion 165.00 (164.70 to 165.70): E
400000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 62.80 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1037202

Ion Ratio Lower Upper

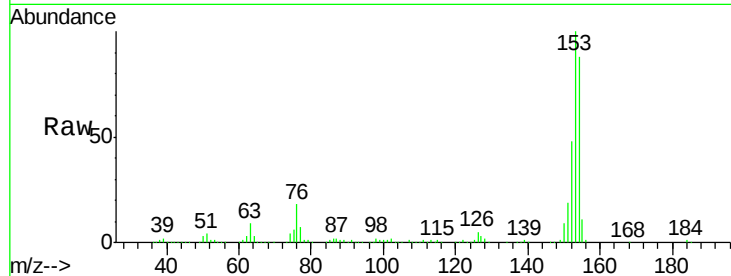
154 100

153 113.7 85.8 128.8

152 55.1 40.6 61.0

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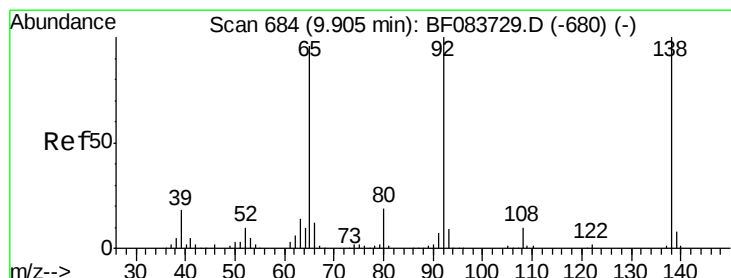
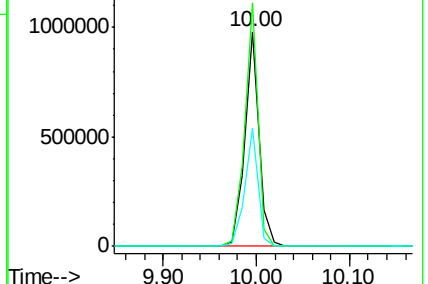
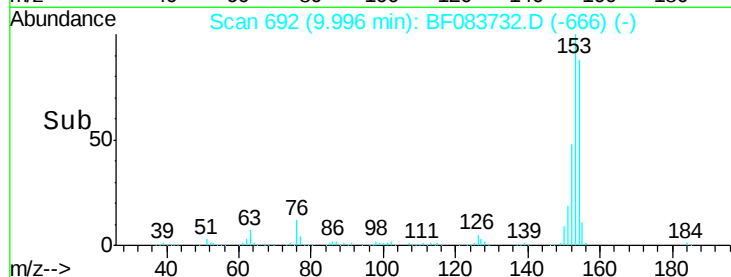
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 84.25 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

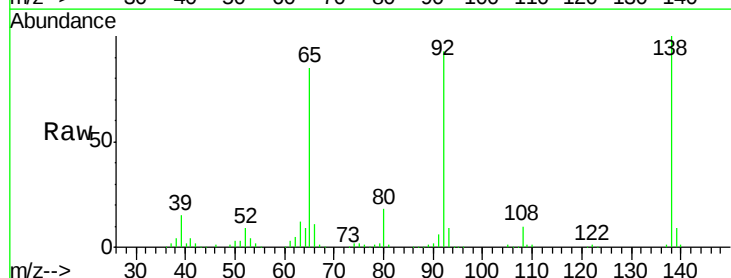
Tgt Ion:138 Resp: 378901

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

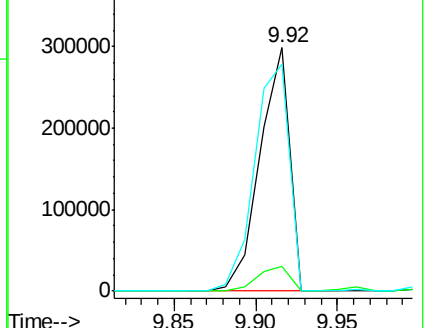
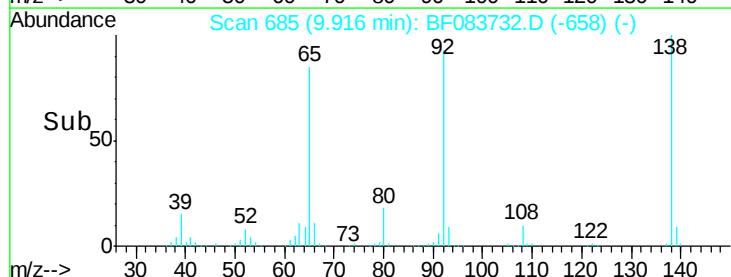
92 93.5 80.2 120.2

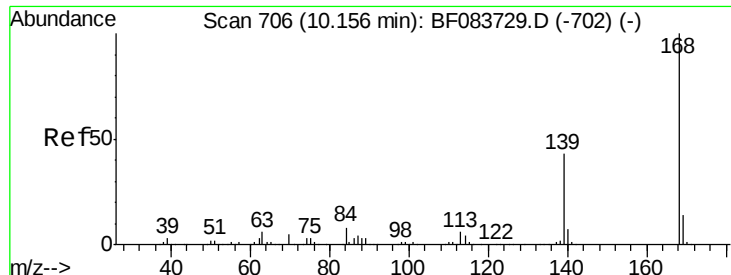


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





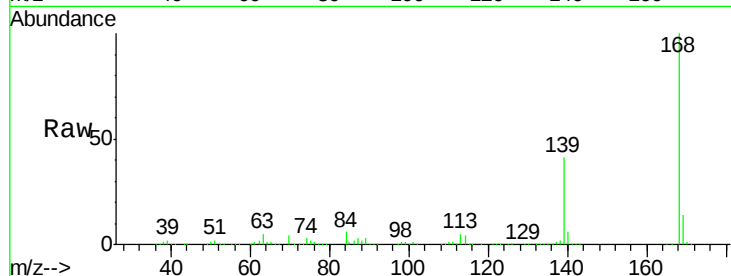
#54
Dibenzofuran
Concen: 65.85 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.4	51.6
169	14.3	11.3	16.9

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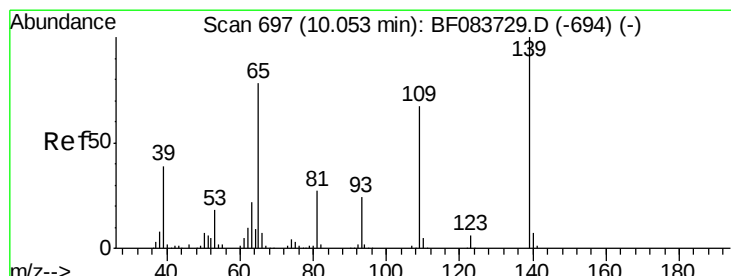
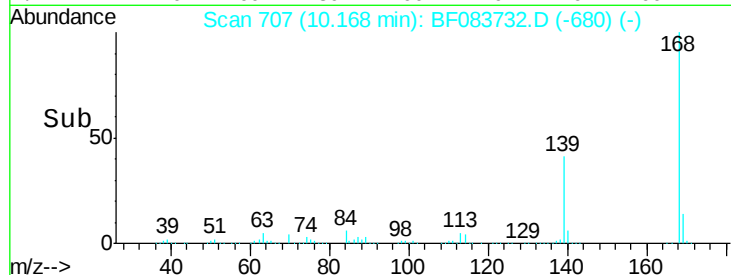
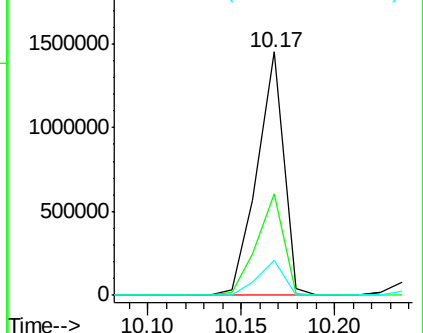


Abundance

Ion 168.00 (167.70 to 168.70): E

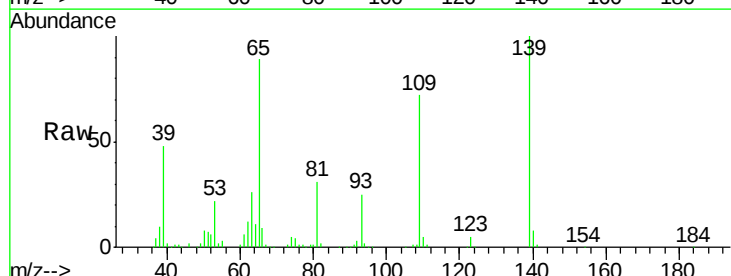
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 75.53 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	47.4	87.4
65	89.2	58.0	98.0

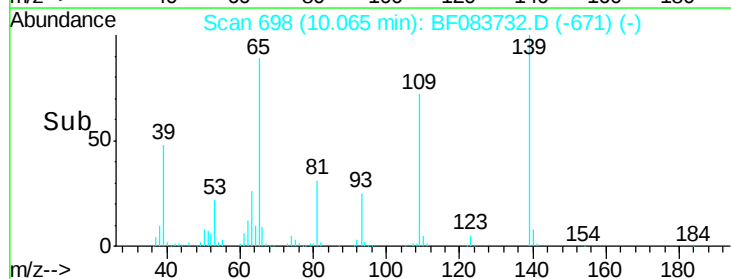
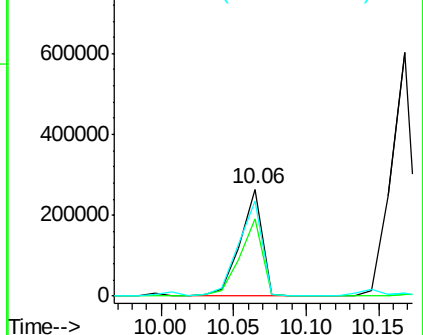


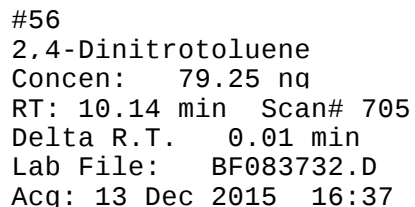
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



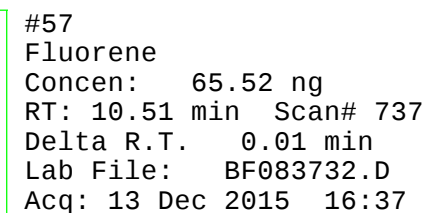
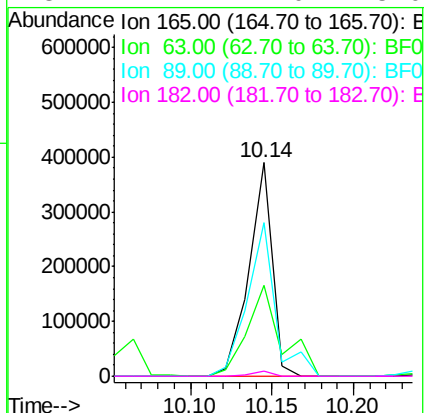


Instrument :
BNA_F
ClientSampleId :
SSTDICC080

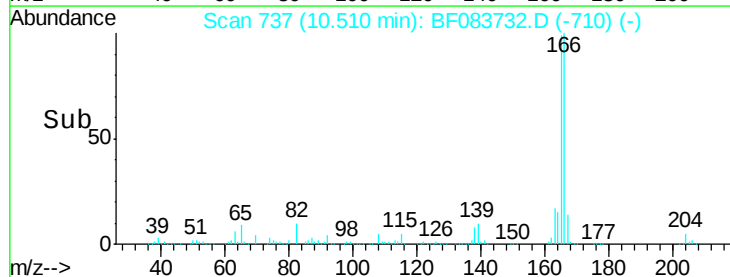
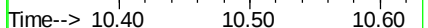
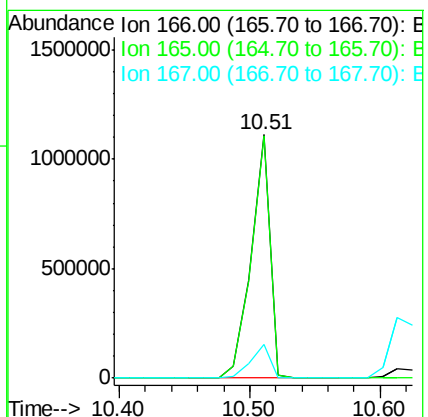
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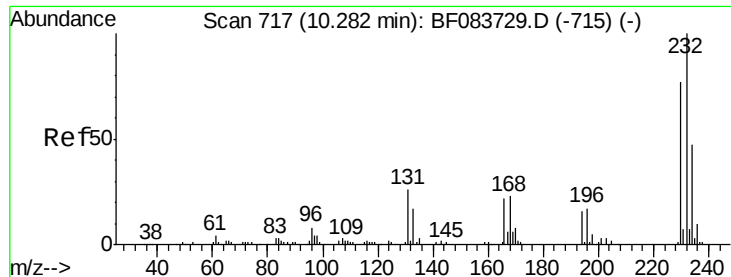
MMdadoda
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Tot	Ion:165	Resp:	386828
Ion	Ratio	Lower	Upper
165	100		
63	42.6	36.8	55.2
89	72.1	63.8	95.8
182	2.4	2.0	3.0



Tgt	Ion:166	Resp:	1118194
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.7	11.2	16.8





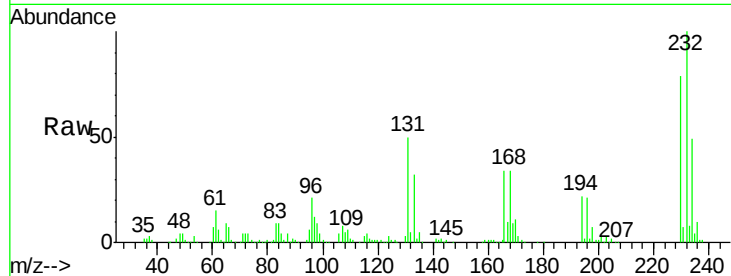
#58
2,3,4,6-Tetrachlorophenol
Concen: 71.75 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

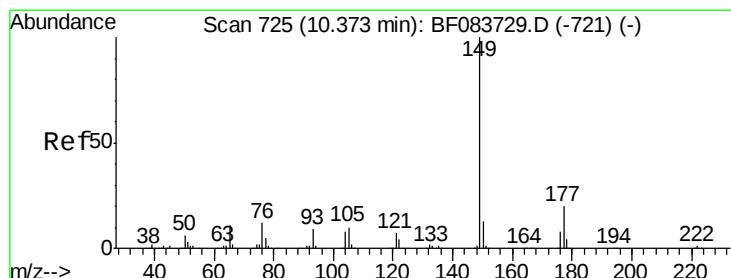
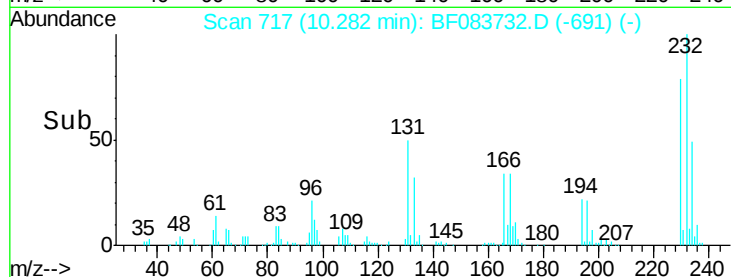
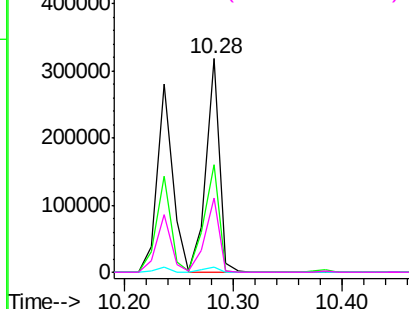
Tot Ion	Ratio	Resp	Lower	Upper
232	100	276516		
131	55.1	43.0	64.6	
130	2.8	2.0	3.0	
166	36.0	27.8	41.6	

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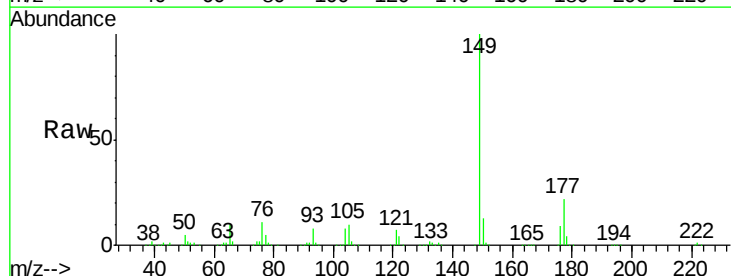


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

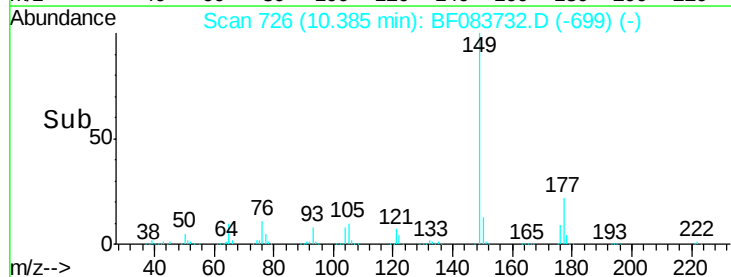
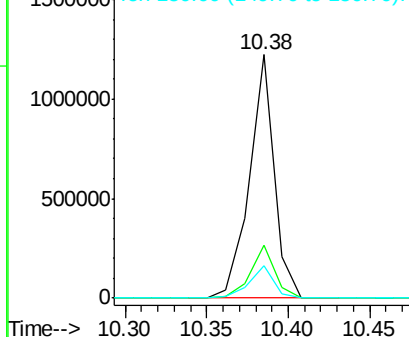


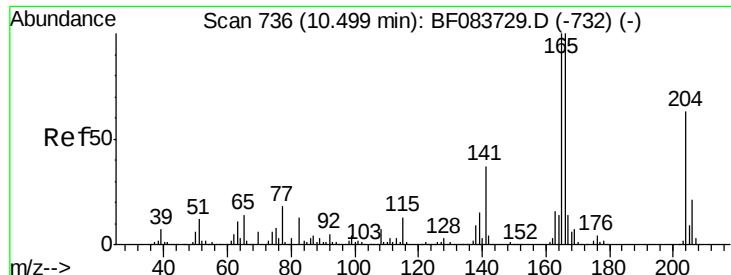
#59
Diethylphthalate
Concen: 69.30 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1287132		
177	21.5	15.7	23.5	
150	13.3	10.6	15.8	



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





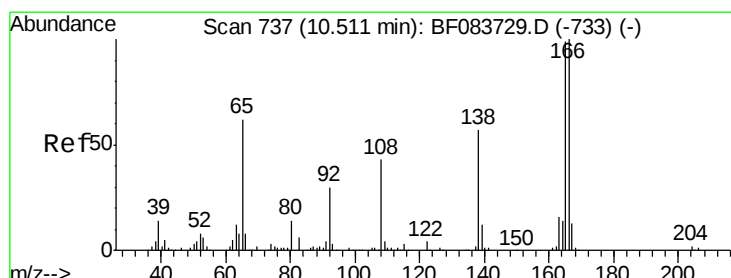
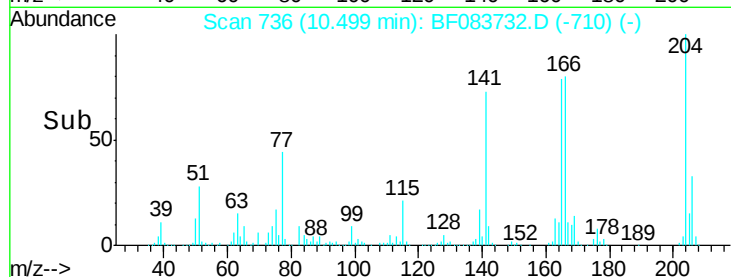
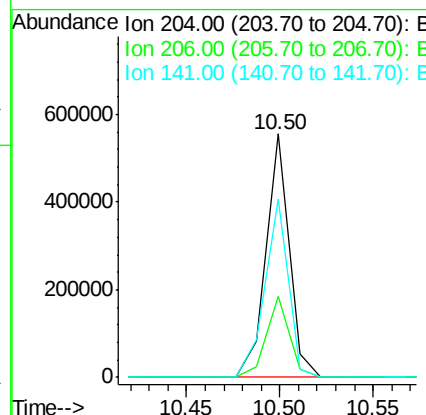
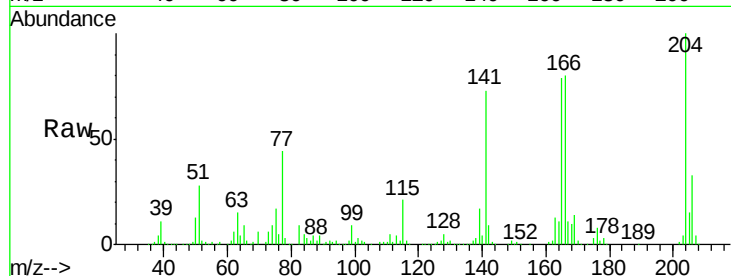
#60
4-Chlorophenyl-phenylether
Concen: 57.31 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	73.4	47.5	71.3

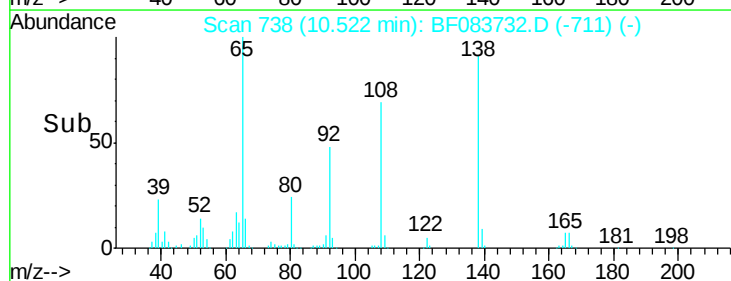
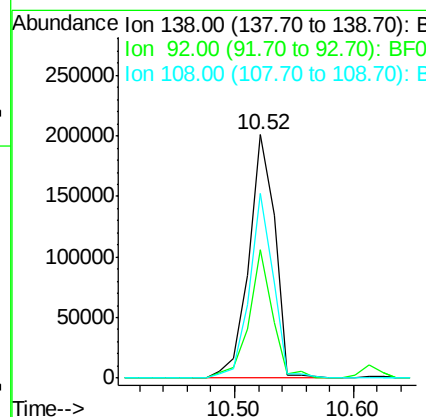
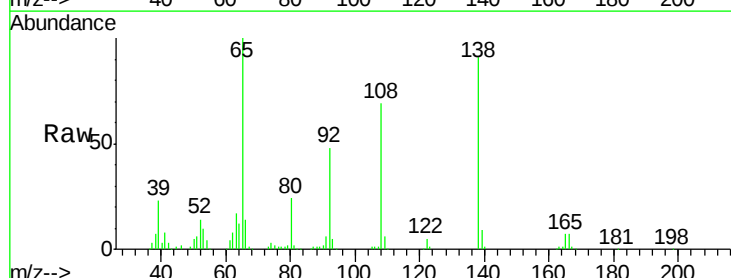
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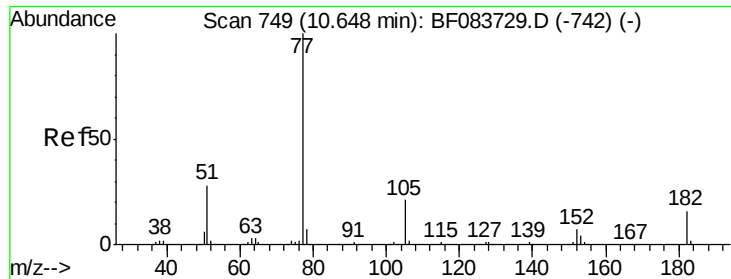
MMdadoda
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#61
4-Nitroaniline
Concen: 76.34 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.0	72.0
108	75.7	54.3	94.3





#62

Azobenzene

Concen: 68.36 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1219574

Ion Ratio Lower Upper

77 100

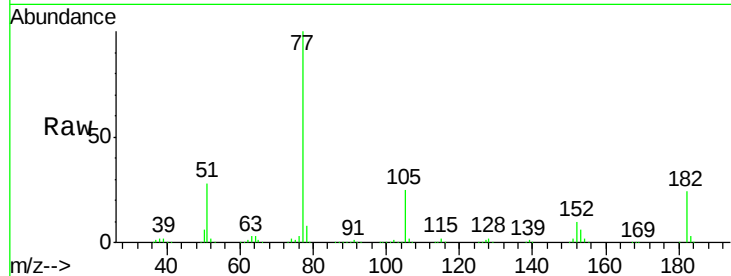
182 23.9 0.0 35.6

105 24.8 1.4 41.4

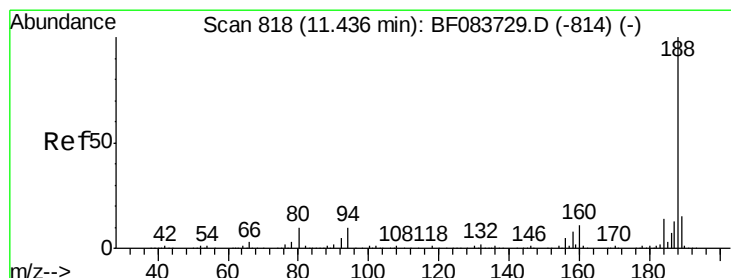
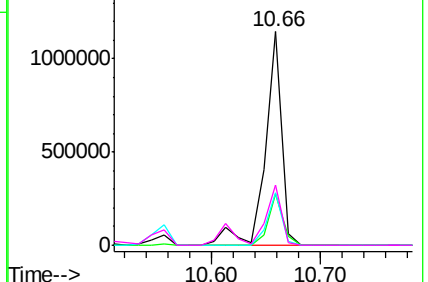
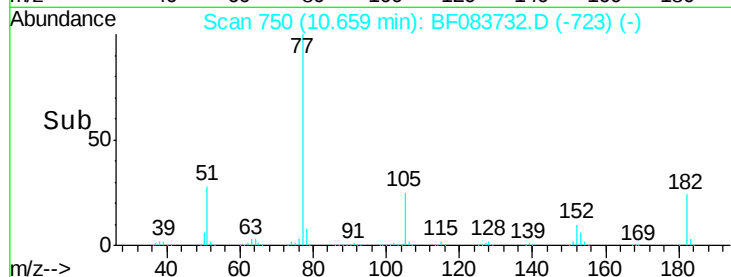
51 28.2 8.2 48.2

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

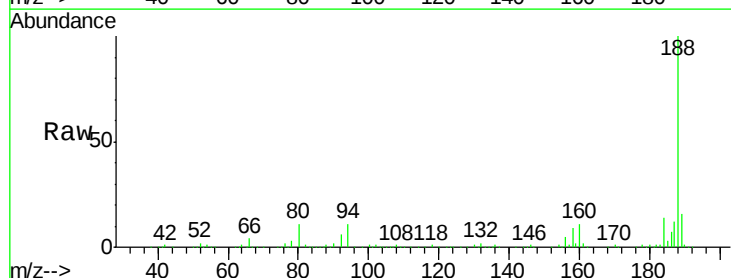
Tgt Ion: 188 Resp: 431794

Ion Ratio Lower Upper

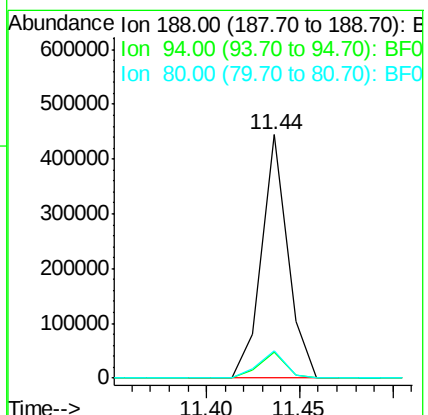
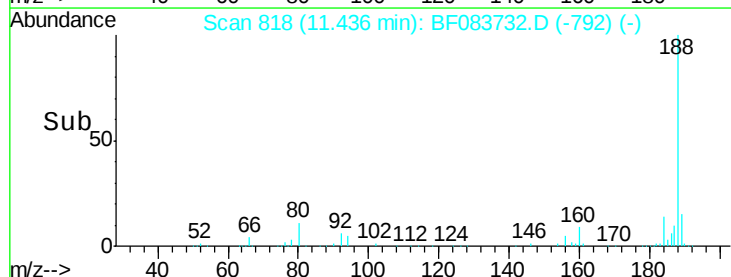
188 100

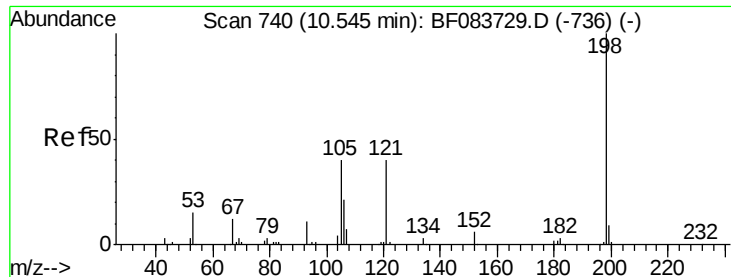
94 10.8 7.6 11.4

80 11.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





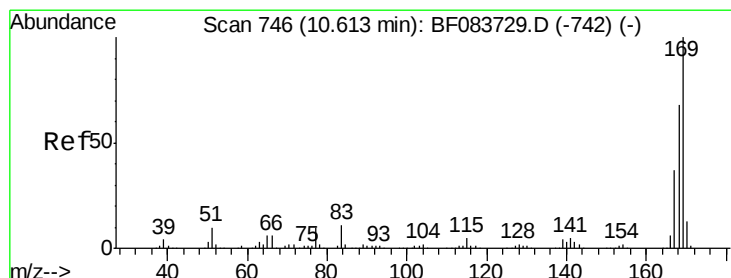
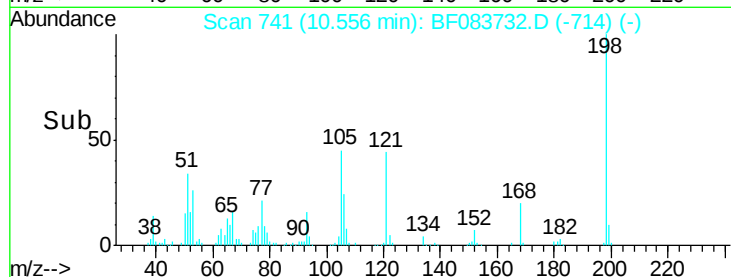
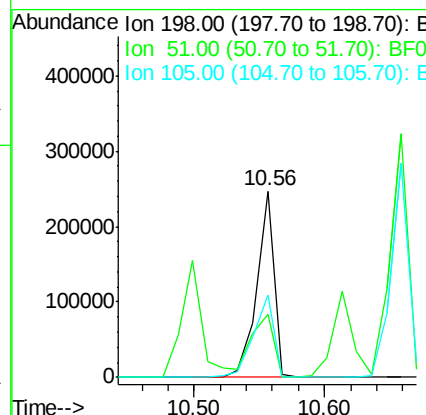
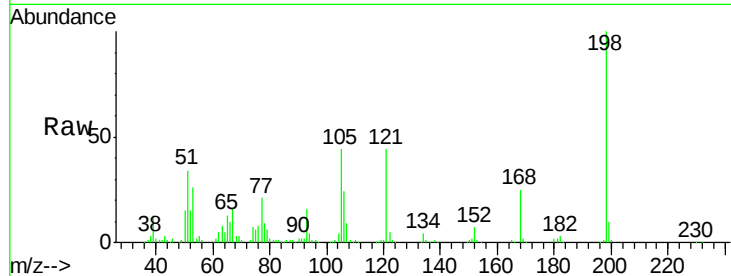
#64
 4,6-Dinitro-2-methylphenol
 Concen: 143.46 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	229256		
51	33.9	9.0	49.0	
105	44.1	20.7	60.7	

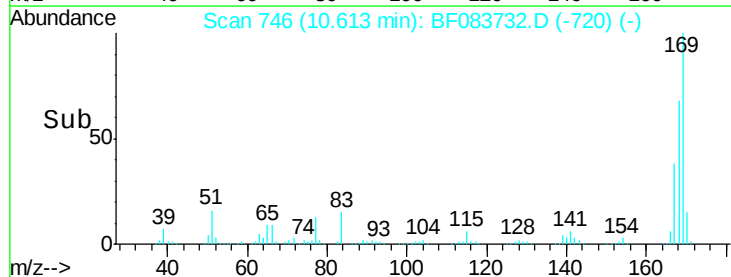
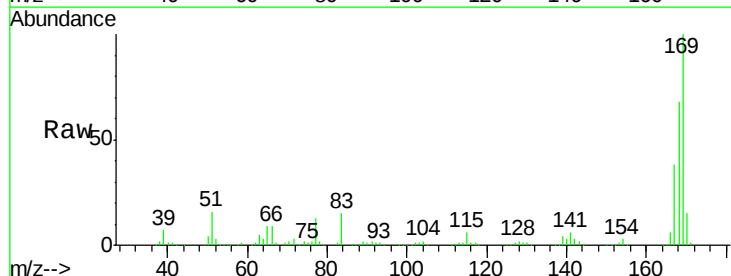
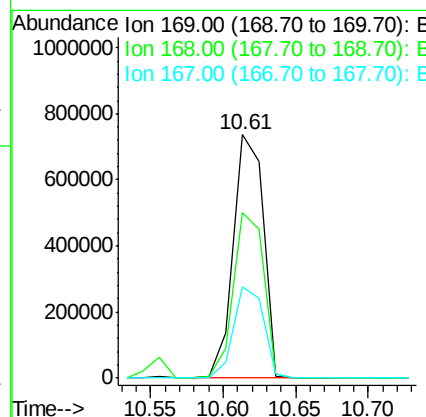
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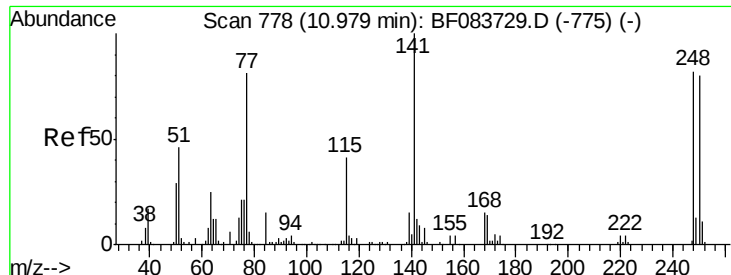
MMdadoda
 12/14/2015 6:23:44 PM



#65
 n-Nitrosodiphenylamine
 Concen: 72.05 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1055263		
168	68.1	54.6	82.0	
167	37.6	30.0	45.0	





#66

4-Bromophenyl-phenylether

Concen: 79.47 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

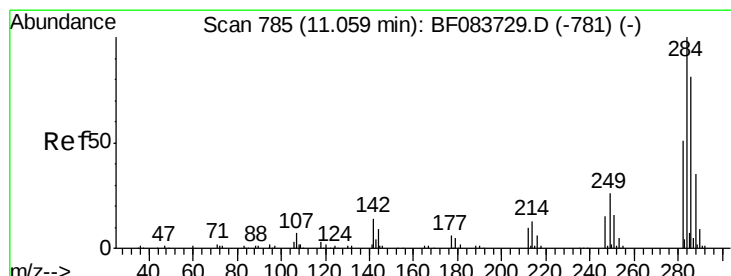
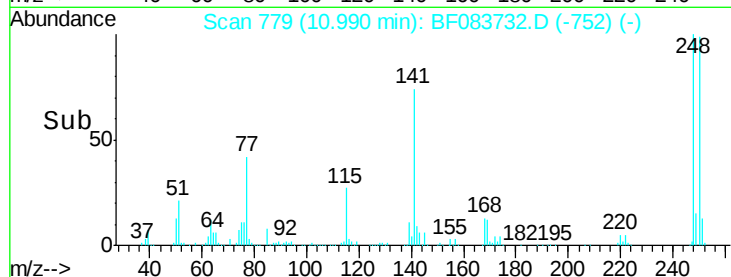
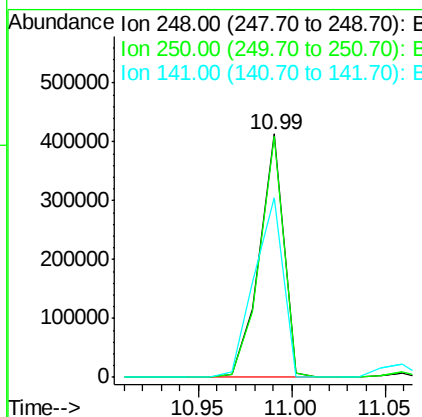
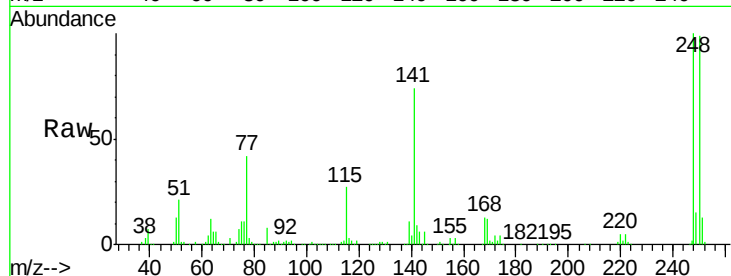
ClientSampleId :

SSTDIC080

Tot Ion:	248	Resp:	370564
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.4	116.2
141	74.0	97.1	145.7#

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#67

Hexachlorobenzene

Concen: 77.08 ng

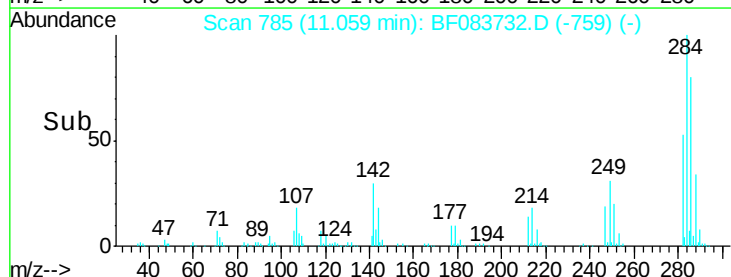
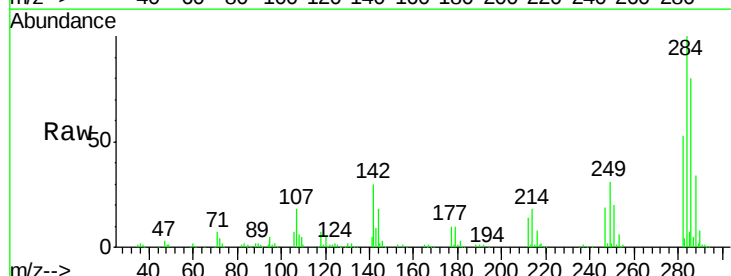
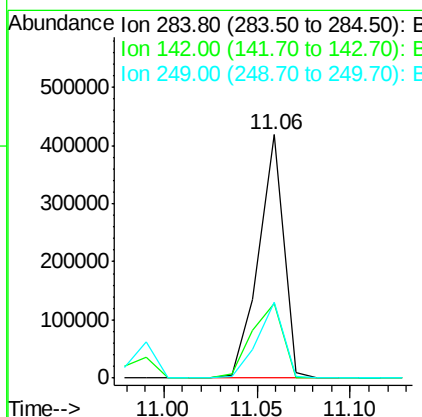
RT: 11.06 min Scan# 785

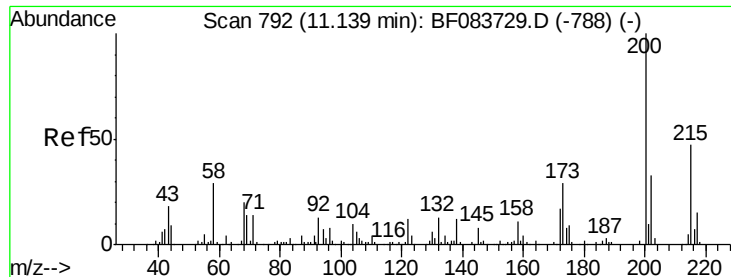
Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:	284	Resp:	390586
Ion Ratio	Lower	Upper	
284	100		
142	30.4	11.1	16.7#
249	31.2	20.6	30.8#





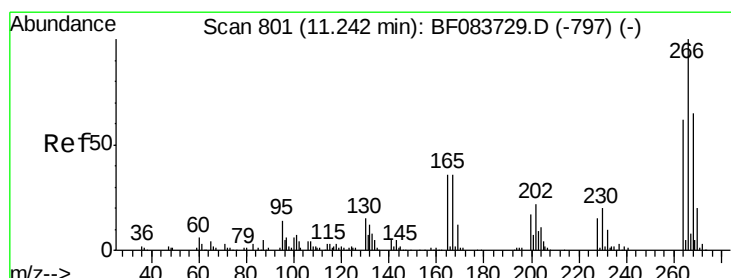
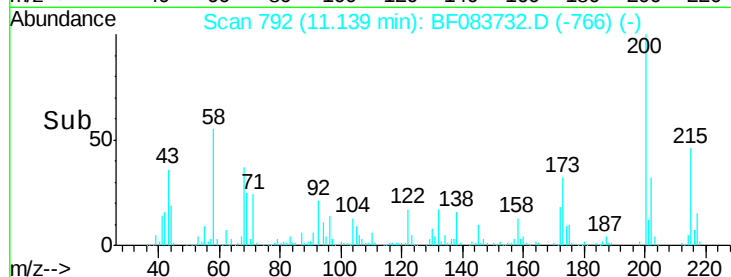
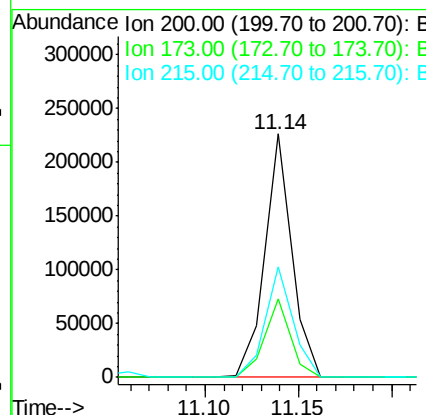
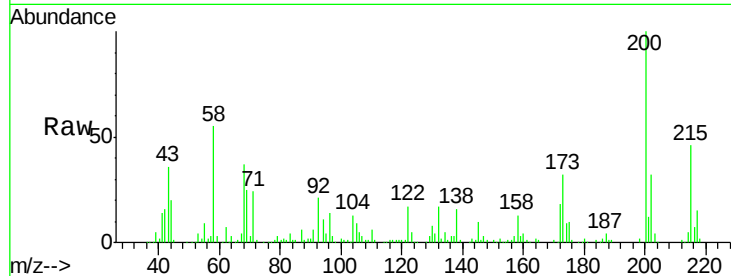
#68
Atrazine
Concen: 53.47 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	32.1	8.5	48.5
215	45.6	26.9	66.9

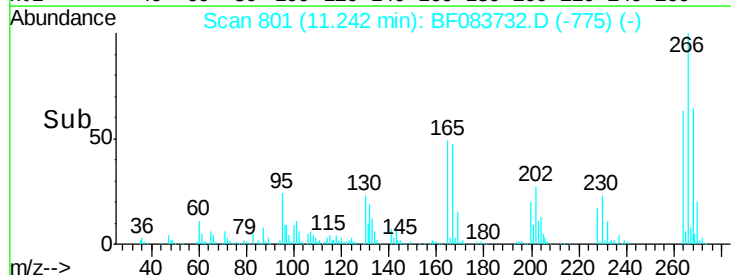
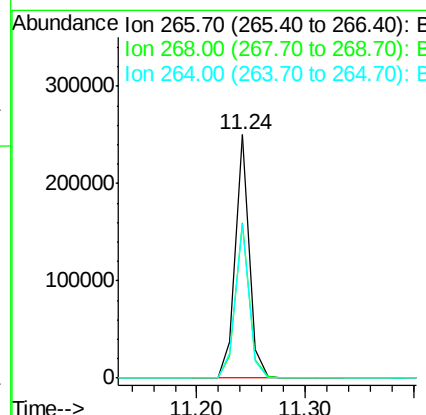
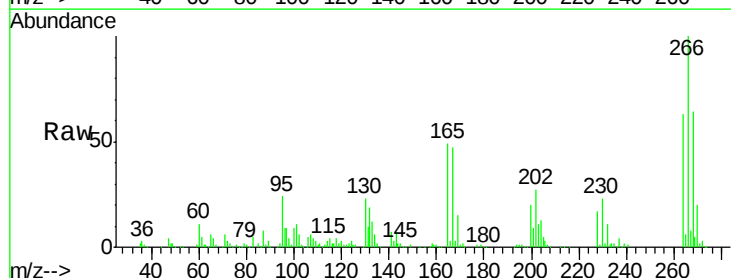
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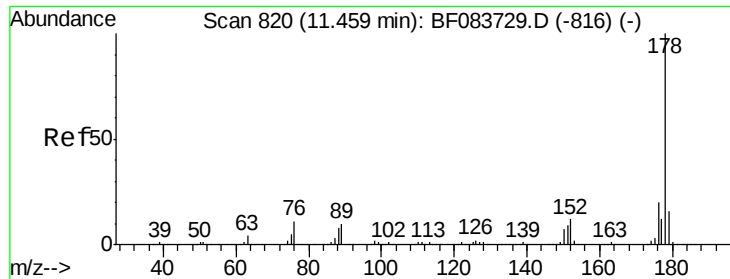
MMdadoda
12/14/2015 6:23:44 PM



#69
Pentachlorophenol
Concen: 77.22 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.8	77.8
264	63.2	49.4	74.2





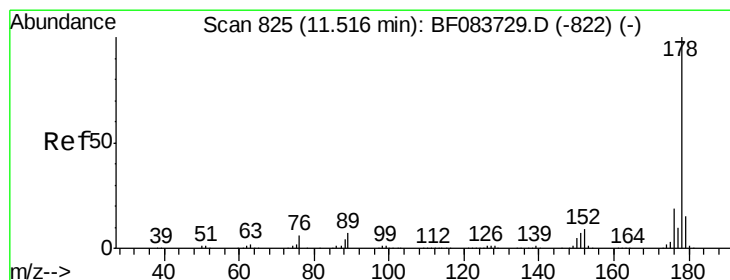
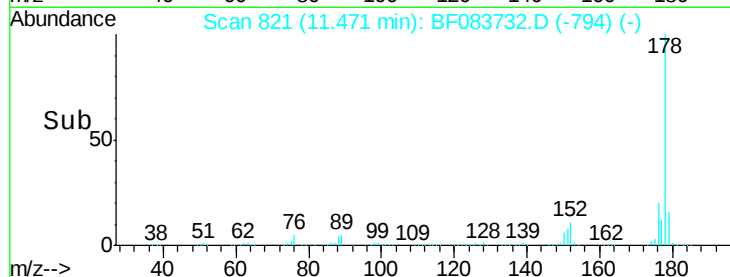
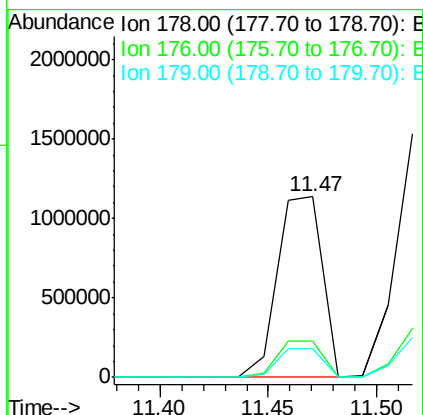
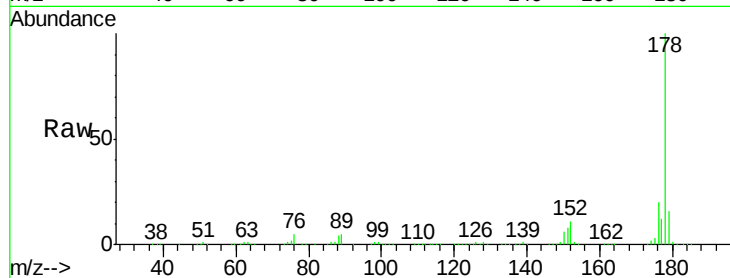
#70
Phenanthrene
Concen: 70.53 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:178 Resp: 1642583
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.9 12.9 19.3

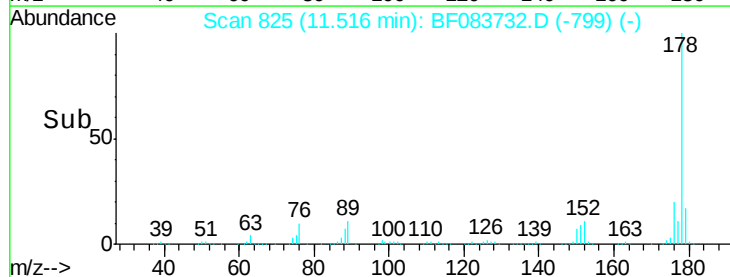
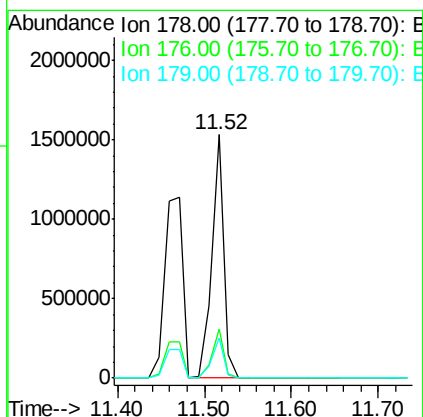
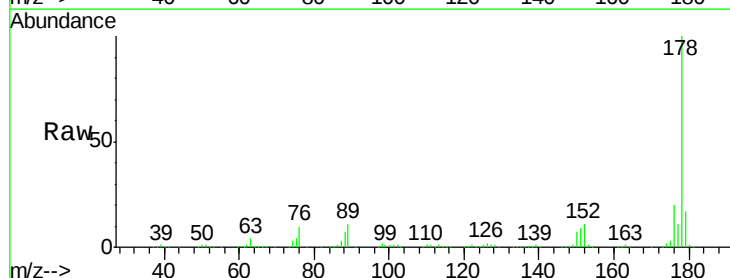
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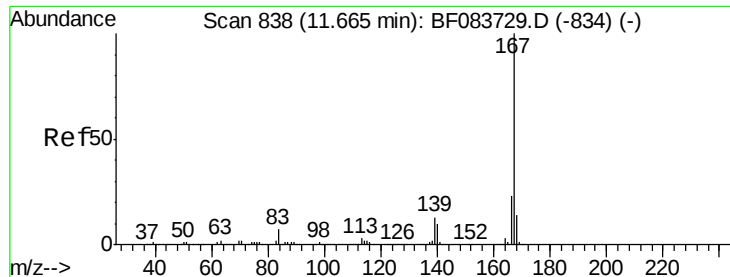
MMdadoda
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#71
Anthracene
Concen: 60.05 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion:178 Resp: 1480903
Ion Ratio Lower Upper
178 100
176 20.2 15.2 22.8
179 16.6 12.3 18.5





#72
 Carbazole
 Concen: 60.06 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

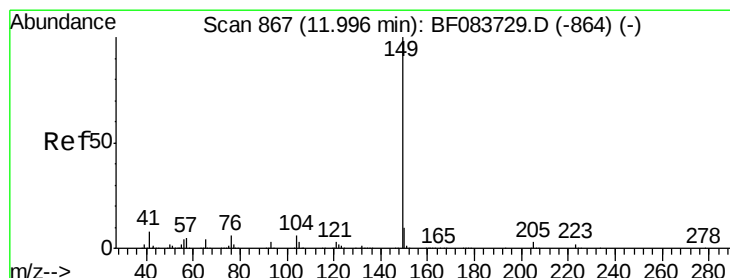
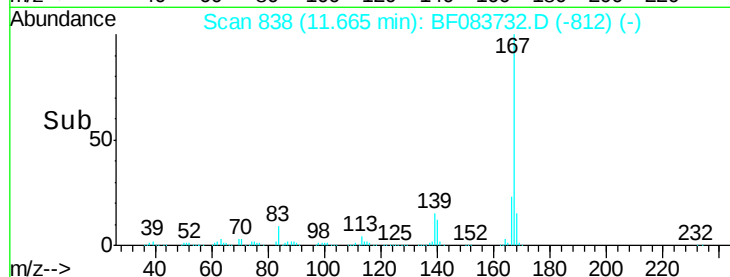
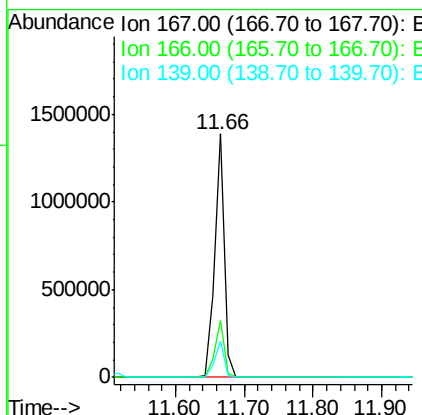
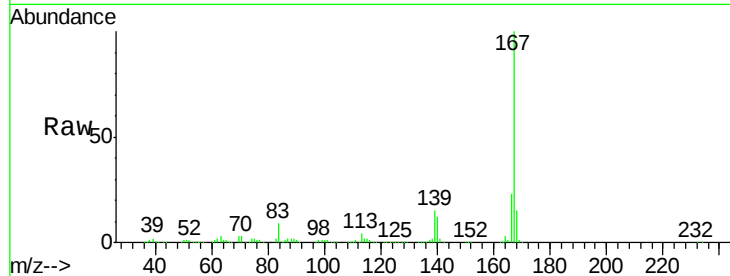
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:167 Resp: 1374585

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	15.1	10.2	15.4

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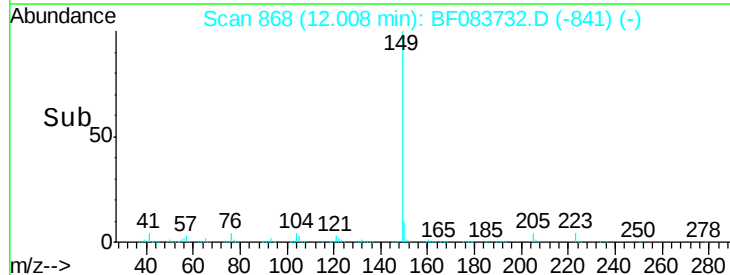
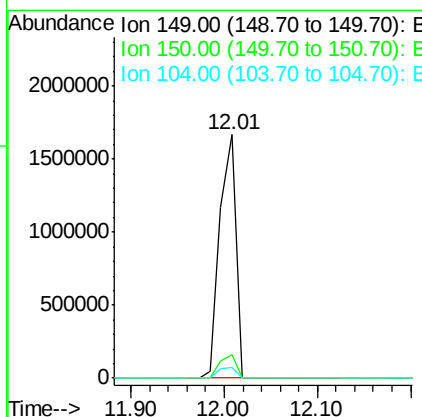
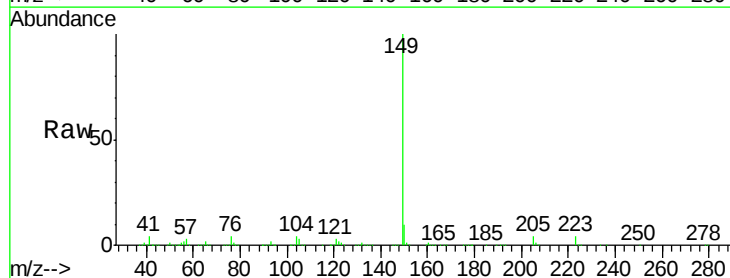
MMdadoda
 12/14/2015 6:23:44 PM

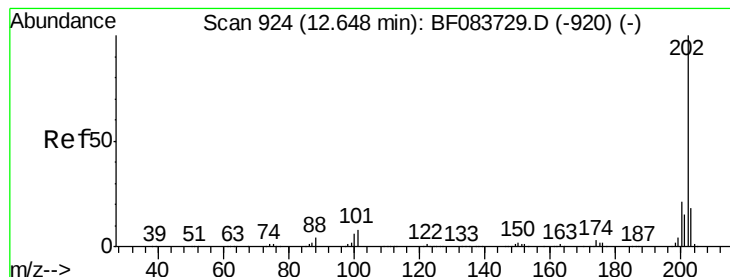


#73
 Di-n-butylphthalate
 Concen: 80.53 ng
 RT: 12.01 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:149 Resp: 1983599

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.4	4.6	6.8#





#74

Fluoranthene

Concen: 60.65 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

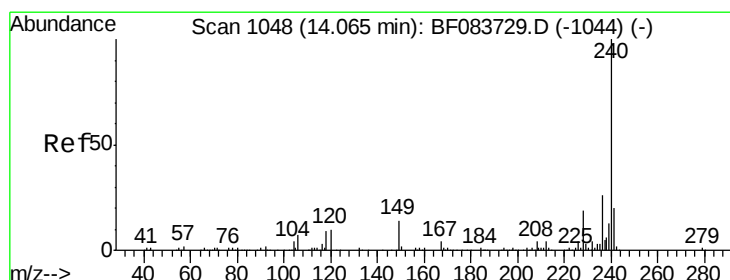
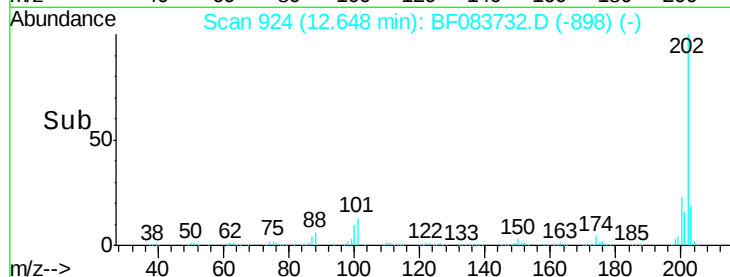
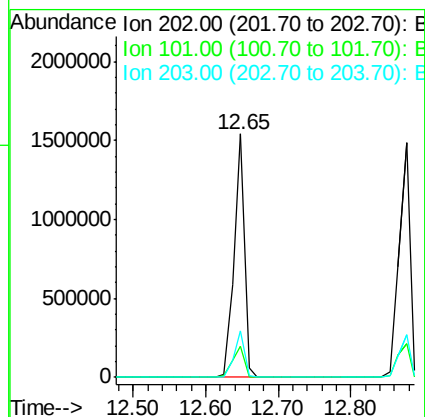
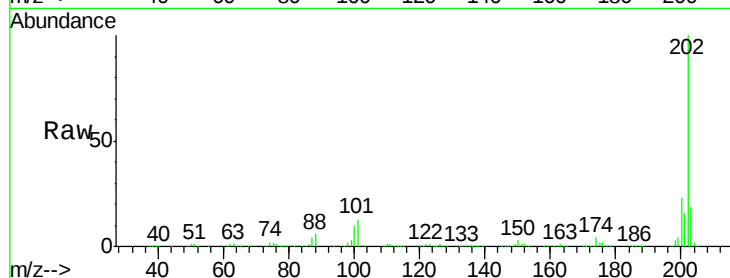
ClientSampleId :

SSTDICC080

Tot Ion:	202	Resp:	1521626
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	28.2
203	18.9	0.0	37.6

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

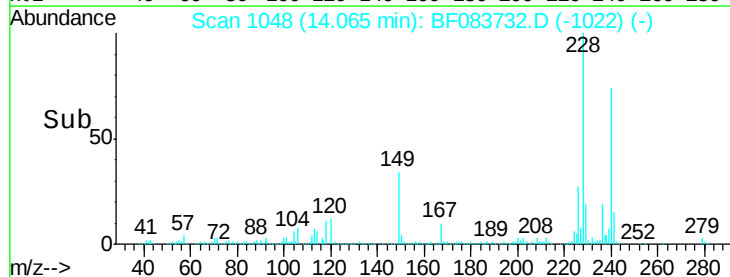
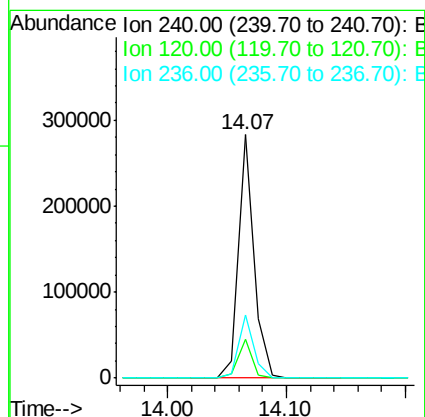
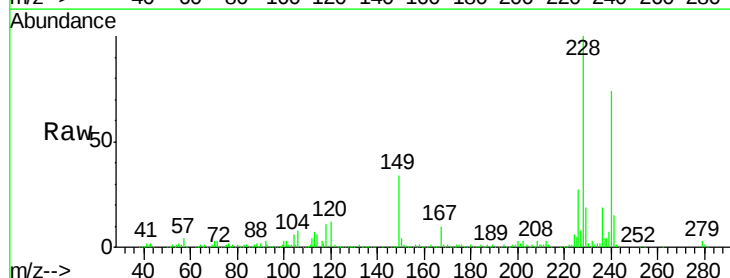
RT: 14.07 min Scan# 1048

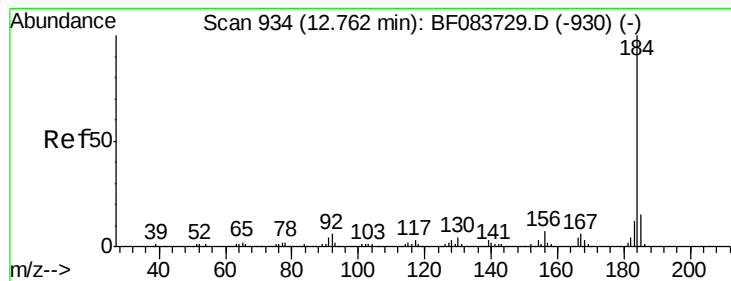
Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Tgt Ion:	240	Resp:	259385
Ion Ratio	Lower	Upper	
240	100		
120	15.8	8.4	12.6#
236	25.9	20.6	31.0





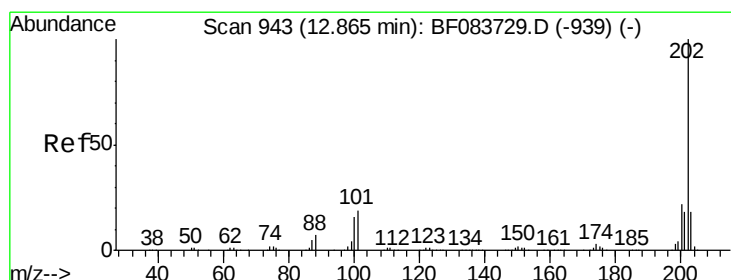
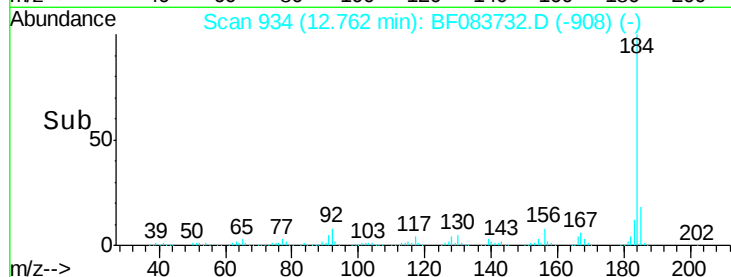
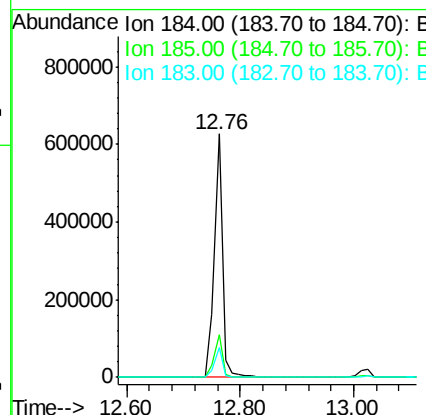
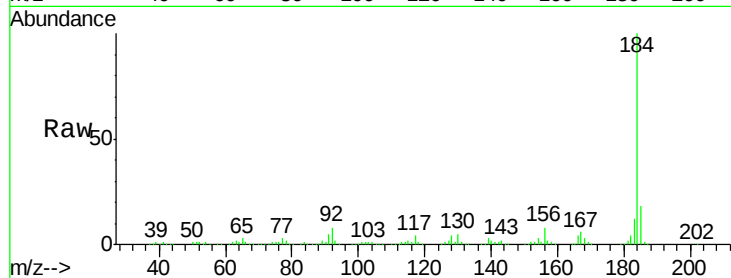
#76
Benzidine
Concen: 60.62 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.2	18.4
183	12.4	9.5	14.3

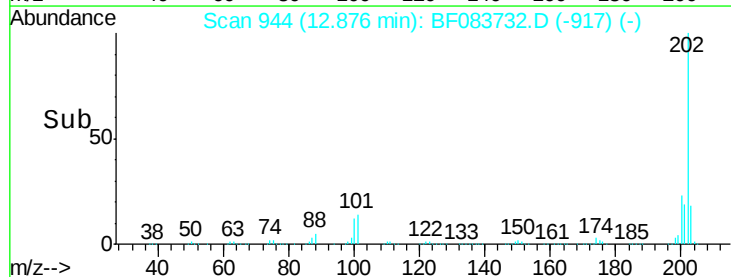
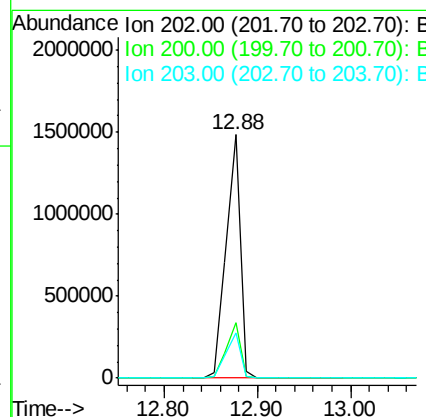
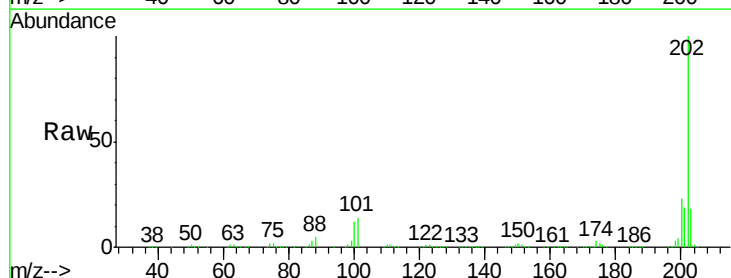
Manual Integrations
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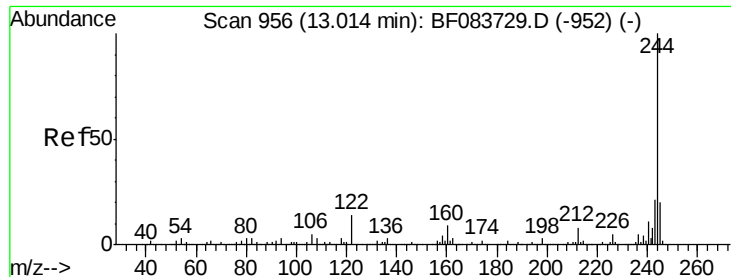
MMdadoda
12/14/2015 6:23:44 PM



#77
Pyrene
Concen: 75.66 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.5	14.7	22.1





#78

Terphenyl-d14

Concen: 158.91 ng

RT: 13.02 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:244 Resp: 1838400

Ion Ratio Lower Upper

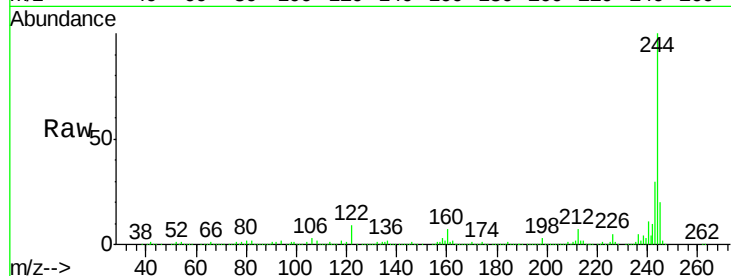
244 100

212 7.2 6.2 9.2

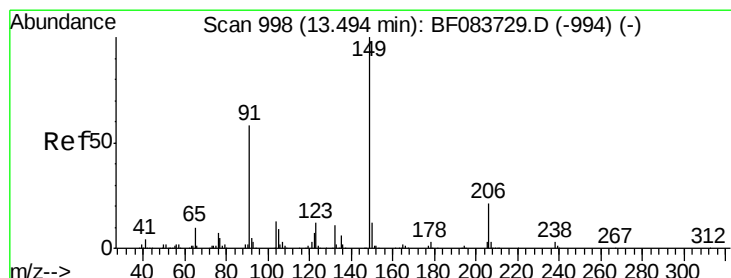
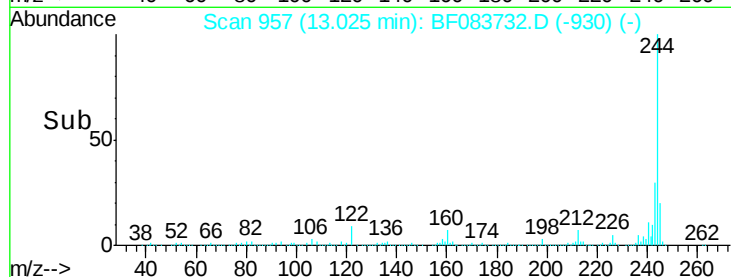
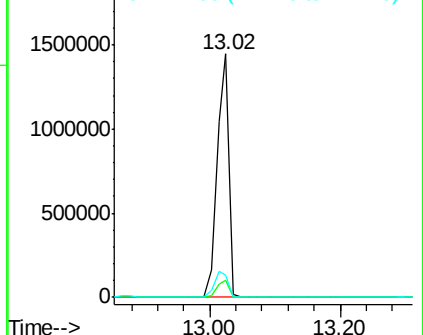
122 9.4 11.6 17.4#

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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: 102.82 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF083732.D

Acq: 13 Dec 2015 16:37

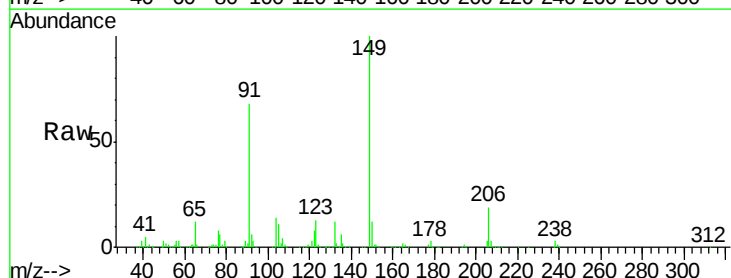
Tgt Ion:149 Resp: 716720

Ion Ratio Lower Upper

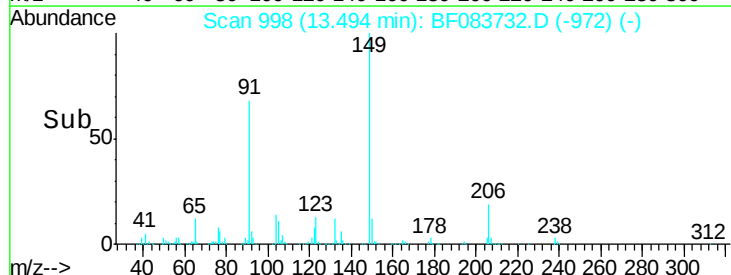
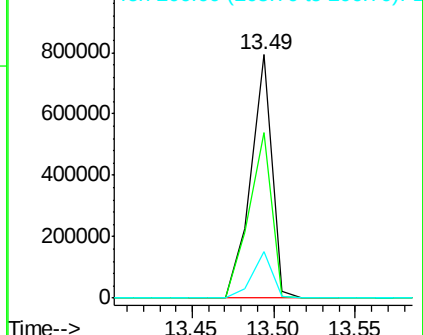
149 100

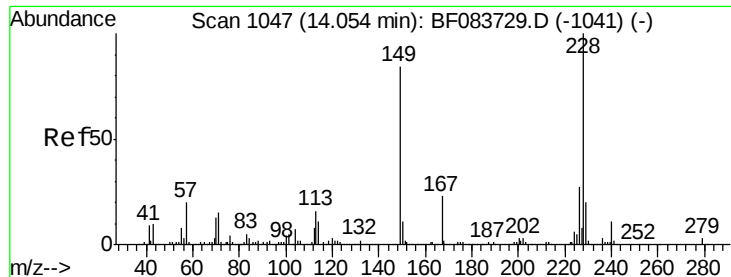
91 67.7 46.6 70.0

206 19.2 16.5 24.7



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





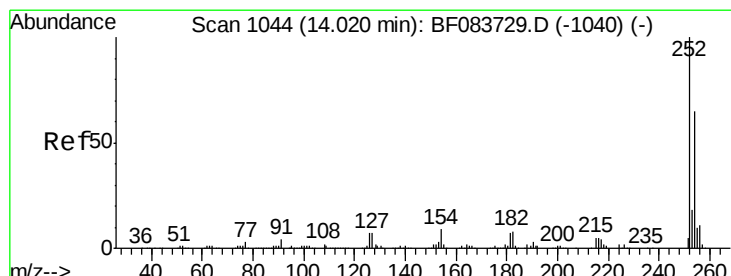
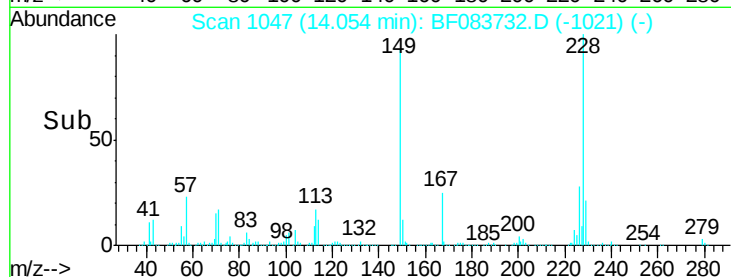
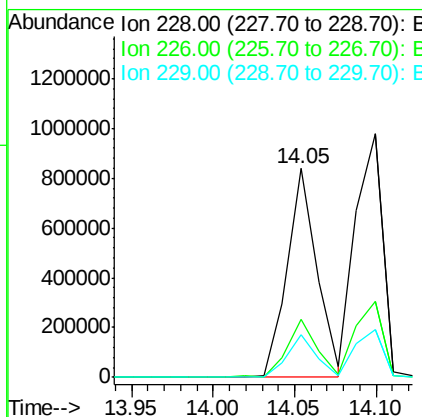
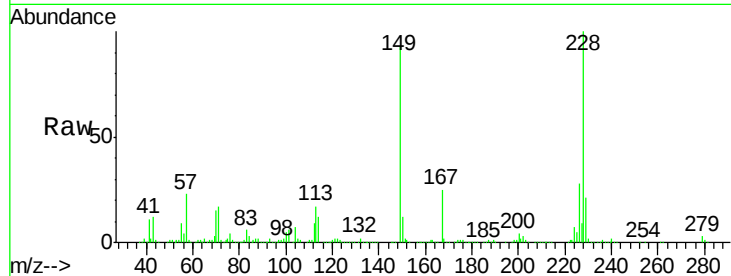
#80
 Benzo(a)anthracene
 Concen: 70.91 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	228	Resp:	1077196
Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	20.7	15.8	23.8

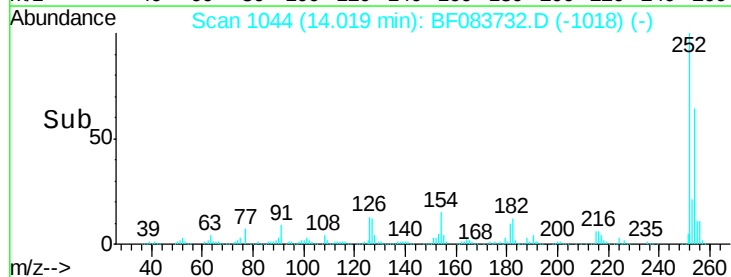
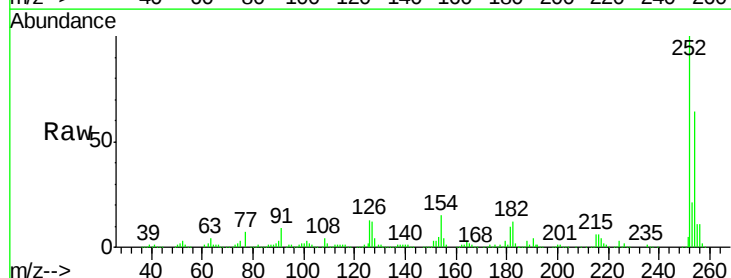
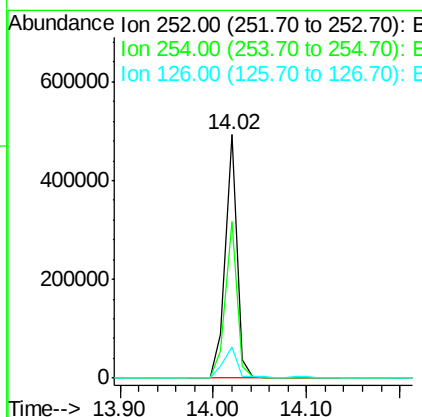
Manual Integrations
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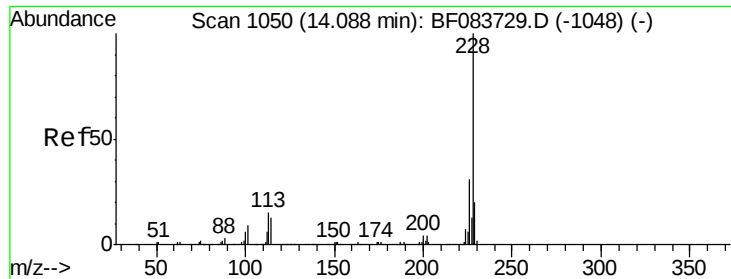
MMdadoda
 12/14/2015 6:23:44 PM



#81
 3,3'-Dichlorobenzidine
 Concen: 86.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF083732.D
 Acq: 13 Dec 2015 16:37

Tgt Ion:	252	Resp:	430886
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	12.6	5.5	8.3#





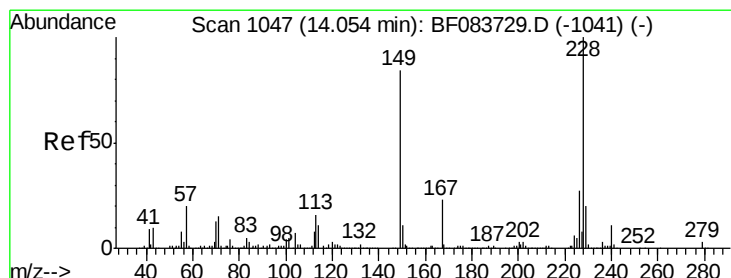
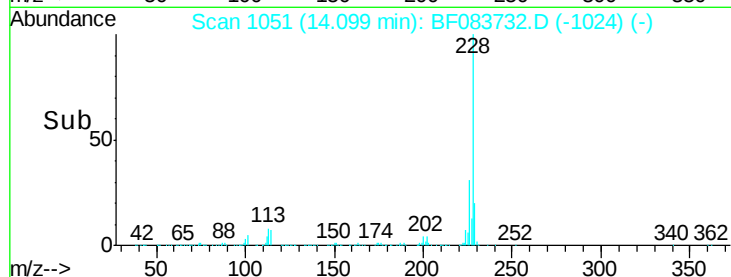
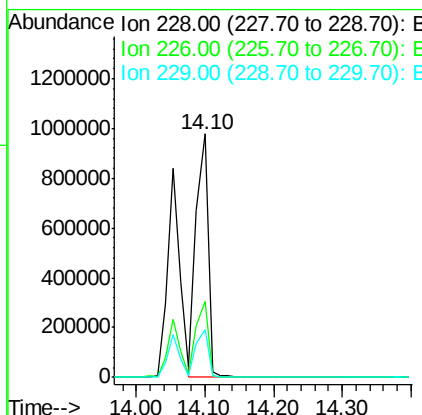
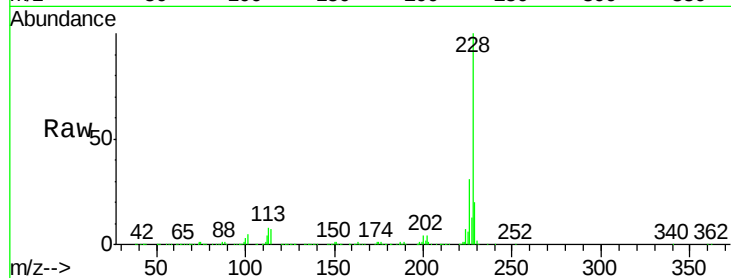
#82
Chrysene
Concen: 80.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	19.9	16.2	24.2

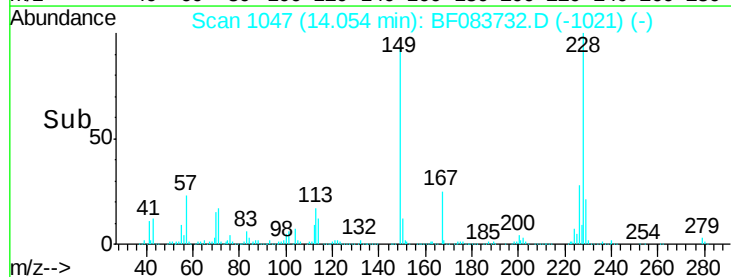
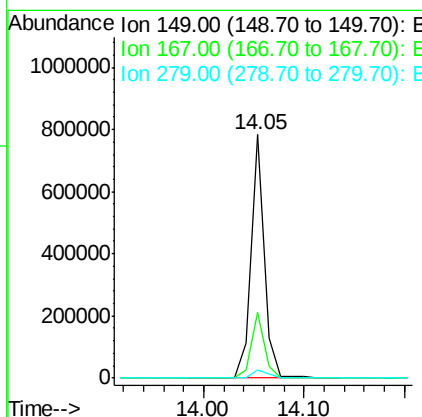
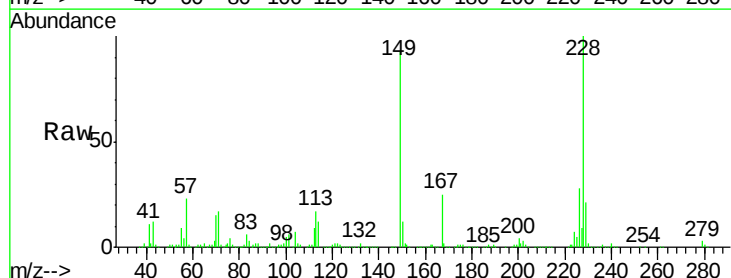
Manual Integrations
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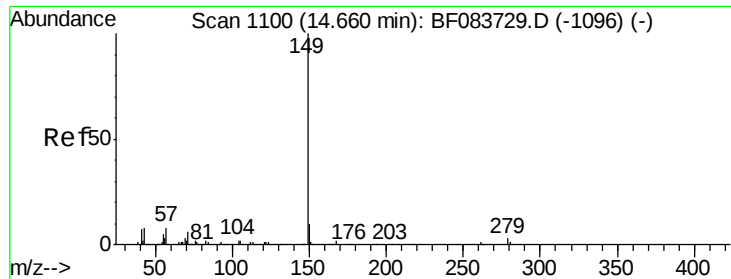
MMdadoda
12/14/2015 6:23:44 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 94.62 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.0
279	3.2	2.5	3.7





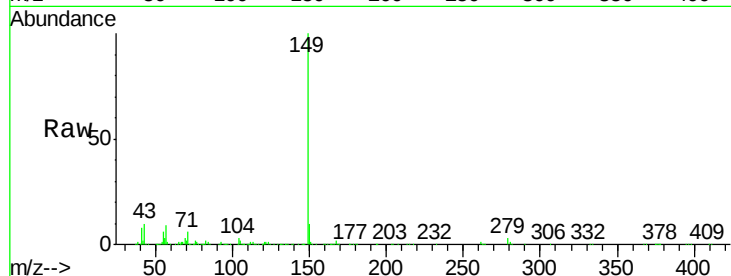
#84
Di-n-octyl phthalate
Concen: 112.22 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

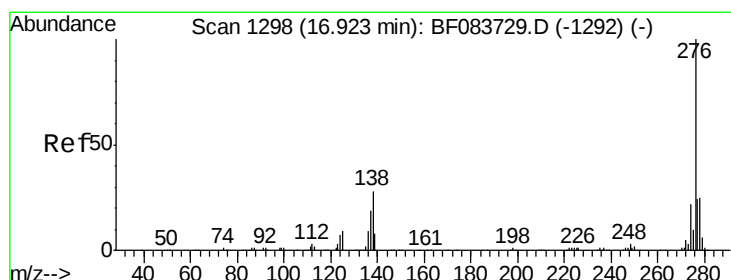
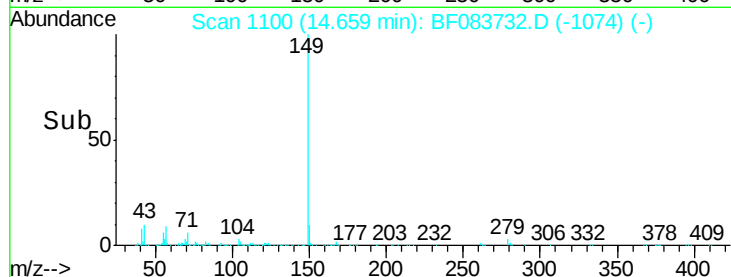
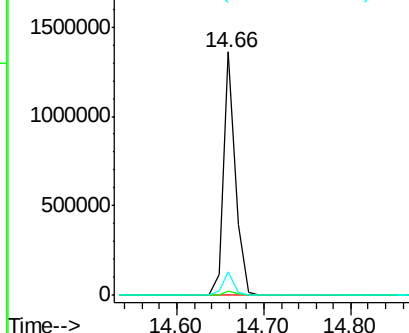
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.4	11.0

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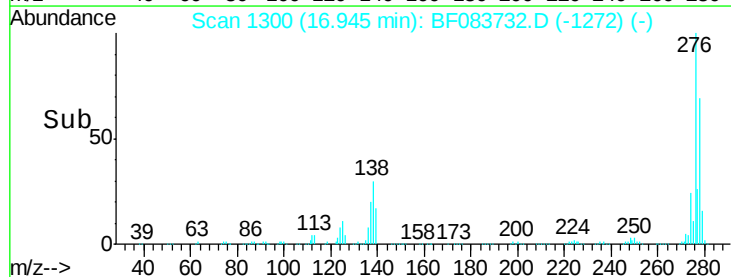
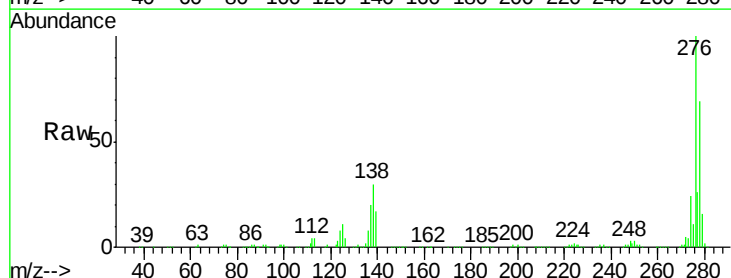
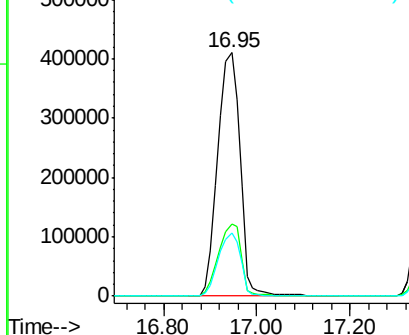
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

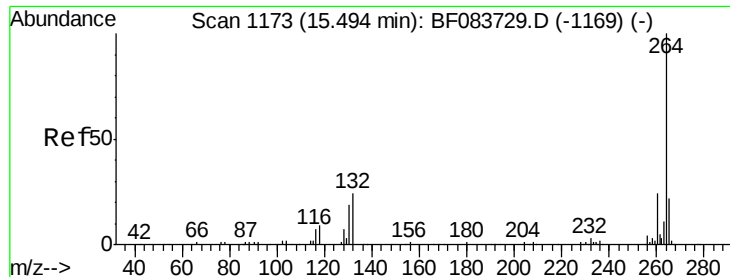


#85
Indeno(1,2,3-cd)pyrene
Concen: 99.70 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.1	37.7
277	25.7	20.3	30.5

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





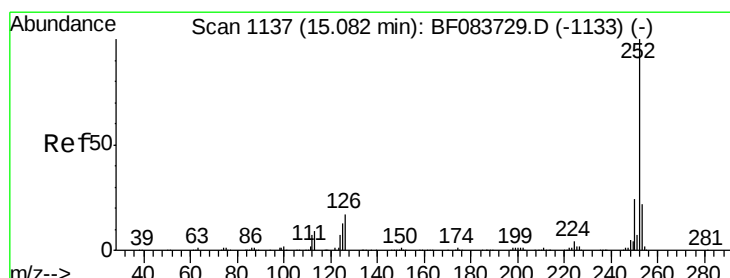
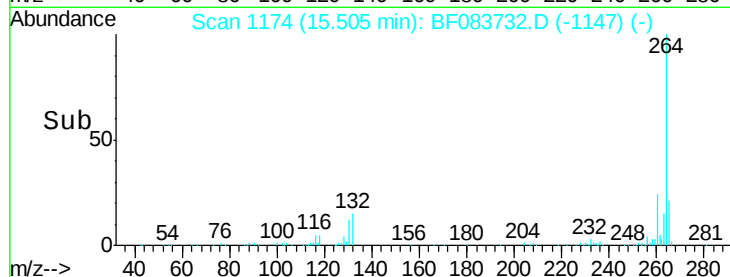
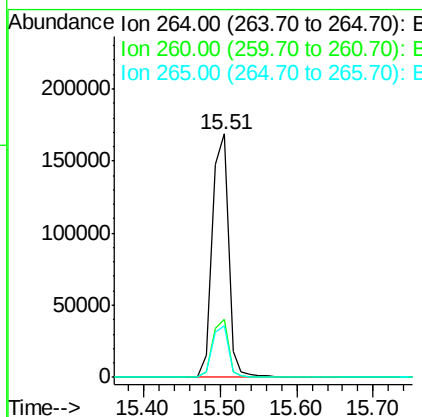
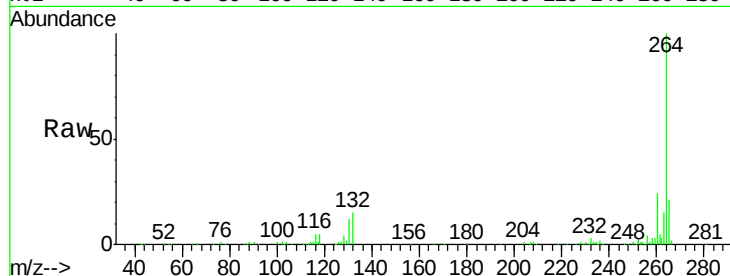
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.2	17.7	26.5

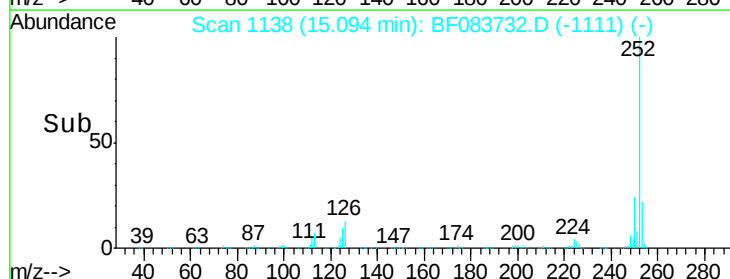
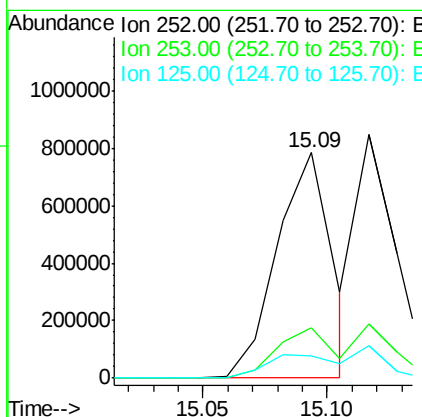
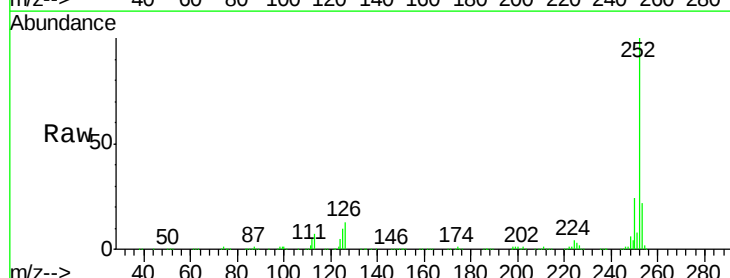
Manual Integrations
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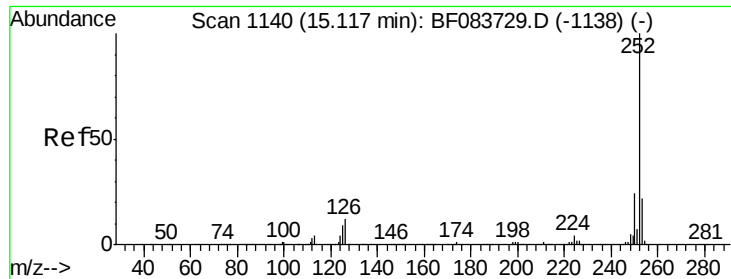
MMdadoda
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#87
Benzo(b)fluoranthene
Concen: 77.98 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.9	10.1	15.1#





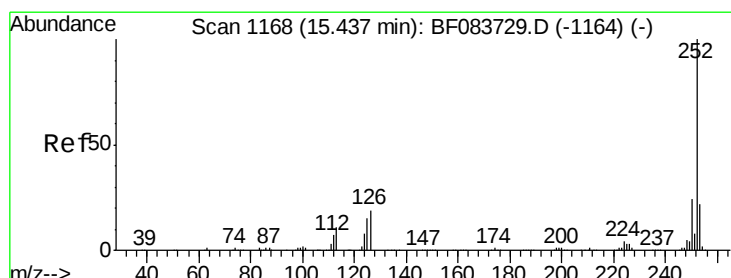
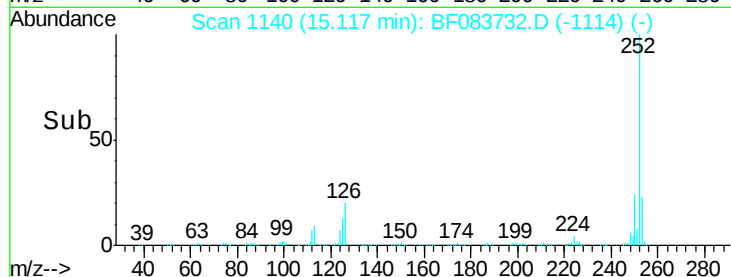
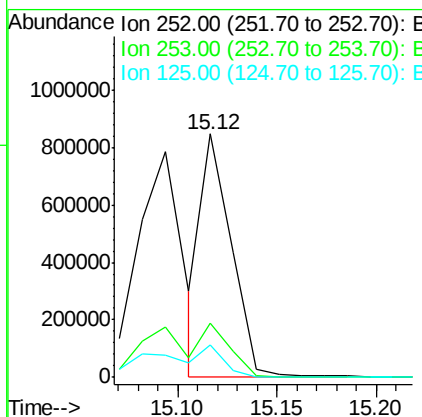
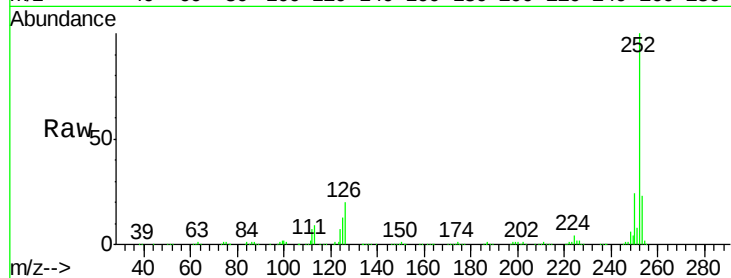
#88
Benzo(k)fluoranthene
Concen: 61.26 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	13.5	7.0	10.4

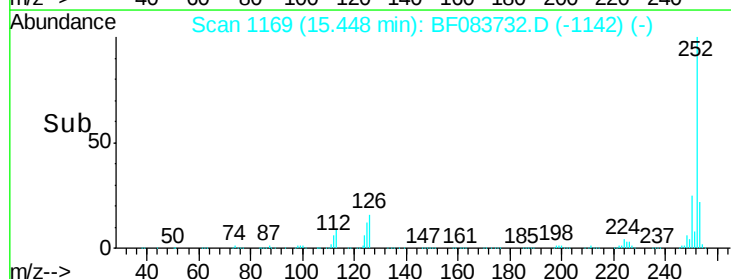
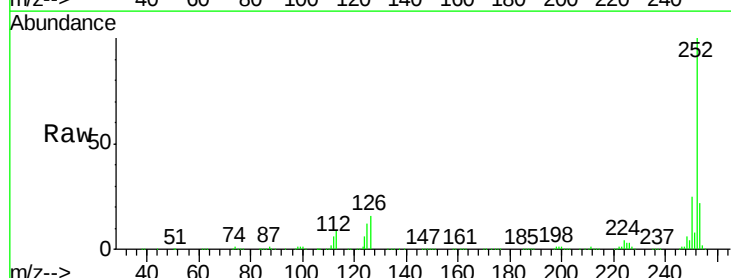
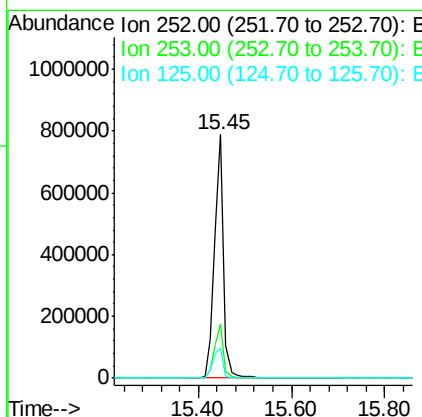
Manual Integrations
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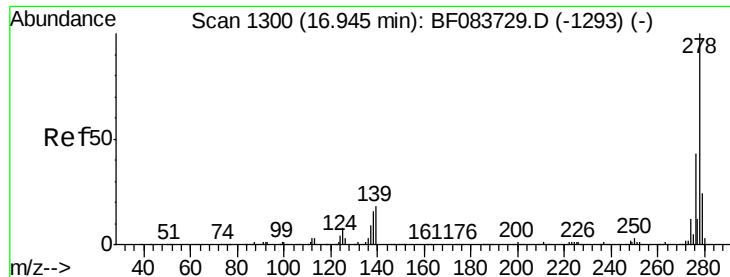
MMdadoda
12/14/2015 6:23:44 PM



#89
Benzo(a)pyrene
Concen: 75.71 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.0	12.1	18.1





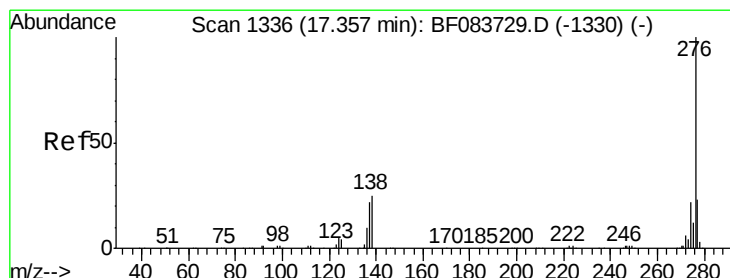
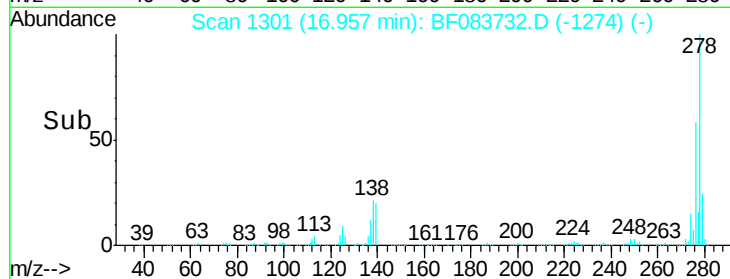
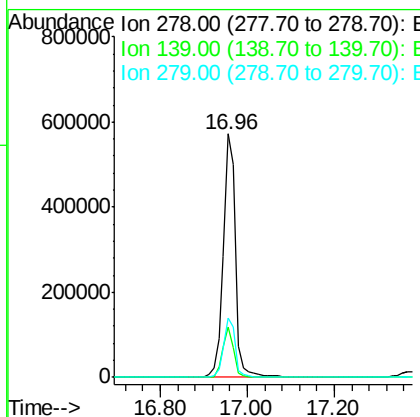
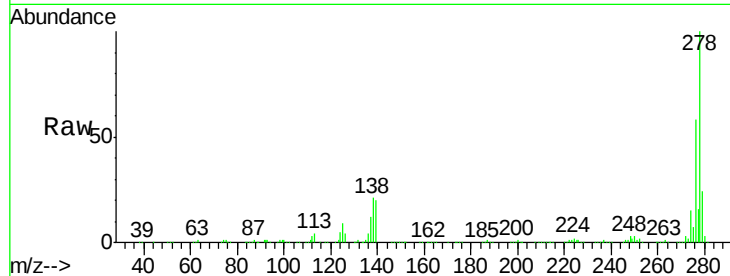
#90
Dibenzo(a,h)anthracene
Concen: 81.14 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.4	21.6
279	24.1	19.0	28.6

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:44 PM



#91
Benzo(g,h,i)perylene
Concen: 79.68 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF083732.D
Acq: 13 Dec 2015 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	23.8	20.2	30.4

