

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091083.D
 Acq On : 8 Nov 2016 15:46
 Operator : UM/SJ
 Sample : PB94597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

Manual Integrations
 APPROVED

Quant Time: Nov 09 01:22:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176014	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	702421	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	382764	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	612151	20.00	ng	0.01
75) Chrysene-d12	13.81	240	597156	20.00	ng	0.00
86) Perylene-d12	15.19	264	365835	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1423829	133.60	ng	0.02
7) Phenol-d6	6.33	99	1861551	128.69	ng	0.01
23) Nitrobenzene-d5	7.24	82	1224111	95.07	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	501028	144.79	ng	0.01
44) 2-Fluorobiphenyl	9.04	172	1885931	84.83	ng	0.00
78) Terphenyl-d14	12.76	244	1854460	77.50	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	175276	28.75	ng	# 94
3) Pyridine	2.85	79	500136	35.07	ng	99
4) n-Nitrosodimethylamine	2.82	42	224131	39.73	ng	90
6) Aniline	6.34	93	114631	6.72	ng	# 1
8) 2-Chlorophenol	6.45	128	548249	43.13	ng	89
9) Benzaldehyde	6.21	77	58645	7.30	ng	93
10) Phenol	6.34	94	702569	43.88	ng	# 56
11) bis(2-Chloroethyl)ether	6.41	93	599915	44.47	ng	93
12) 1,3-Dichlorobenzene	6.60	146	539559	41.96	ng	97
13) 1,4-Dichlorobenzene	6.68	146	551814	40.00	ng	98
14) 1,2-Dichlorobenzene	6.83	146	497630	39.31	ng	97
15) Benzyl Alcohol	6.82	79	406129	39.80	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	727532	37.66	ng	94
17) 2-Methylphenol	6.94	107	439822	43.70	ng	98
18) Hexachloroethane	7.17	117	215377	40.34	ng	93
19) n-Nitroso-di-n-propylamine	7.09	70	436170	43.51	ng	94
20) 3+4-Methylphenols	7.10	107	560115	46.35	ng	98
22) Acetophenone	7.08	105	746901	46.18	ng	# 95
24) Nitrobenzene	7.25	77	583755	41.05	ng	95
25) Isophorone	7.49	82	939394	37.86	ng	100
26) 2-Nitrophenol	7.57	139	274844	45.67	ng	# 75
27) 2,4-Dimethylphenol	7.63	122	408076	41.00	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	569178	41.99	ng	99
29) 2,4-Dichlorophenol	7.82	162	388624	44.74	ng	92
30) 1,2,4-Trichlorobenzene	7.89	180	407142	41.69	ng	99
31) Naphthalene	7.97	128	1353041	40.28	ng	100
32) Benzoic acid	7.76	122	147520	22.06	ng	95
33) 4-Chloroaniline	8.05	127	49407	3.54	ng	97
34) Hexachlorobutadiene	8.10	225	225859	42.85	ng	97
35) Caprolactam	8.41	113	70042m	25.67	ng	
36) 4-Chloro-3-methylphenol	8.52	107	401752	38.21	ng	92
37) 2-Methylnaphthalene	8.67	142	860607m	39.85	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	391303	40.10	ng	99
40) Hexachlorocyclopentadiene	8.82	237	300491	79.44	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	8.94	196	259131	41.13	nq		98
43) 2,4,5-Trichlorophenol	9.00	196	291550	44.08	nq	#	93
45) 1,1'-Biphenyl	9.13	154	1035814	37.06	nq		99
46) 2-Chloronaphthalene	9.15	162	832708	39.24	nq		99
47) 2-Nitroaniline	9.25	65	248241	31.52	nq		98
48) Acenaphthylene	9.56	152	1274178	38.53	nq		100
49) Dimethylphthalate	9.44	163	957199	38.14	nq		100
50) 2,6-Dinitrotoluene	9.50	165	231517	43.04	nq	#	47
51) Acenaphthene	9.73	154	791607	38.13	nq		99
52) 3-Nitroaniline	9.66	138	65214	10.22	nq		94
53) 2,4-Dinitrophenol	9.78	184	238540	81.30	nq	#	81
54) Dibenzofuran	9.90	168	1166564	41.74	nq		99
55) 4-Nitrophenol	9.85	139	295441	70.30	nq		98
56) 2,4-Dinitrotoluene	9.90	165	309017	45.15	nq	#	82
57) Fluorene	10.25	166	941239	41.20	nq		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	240199	46.35	nq		98
59) Diethylphthalate	10.13	149	998695	38.81	nq		98
60) 4-Chlorophenyl-phenylether	10.25	204	478484	46.02	nq		99
61) 4-Nitroaniline	10.28	138	179499	27.82	nq		99
62) Azobenzene	10.41	77	1270794	41.95	nq		99
64) 4,6-Dinitro-2-methylphenol	10.32	198	166096	44.31	nq		85
65) n-Nitrosodiphenylamine	10.36	169	796356	40.93	nq		99
66) 4-Bromophenyl-phenylether	10.73	248	268221	42.12	nq		93
67) Hexachlorobenzene	10.80	284	342390	48.76	nq	#	88
68) Atrazine	10.90	200	225869	40.24	nq		100
69) Pentachlorophenol	10.99	266	303932	97.72	nq		98
70) Phenanthrene	11.21	178	1373737	42.21	nq		99
71) Anthracene	11.25	178	1238369	35.79	nq		99
72) Carbazole	11.41	167	1090036	34.96	nq		99
73) Di-n-butylphthalate	11.76	149	1530799	39.04	nq		99
74) Fluoranthene	12.38	202	1259070	37.31	nq		96
77) Pyrene	12.61	202	1339332	34.25	nq		99
79) Butylbenzylphthalate	13.24	149	442461	23.65	nq	#	82
80) Benzo(a)anthracene	13.80	228	1226048	36.16	nq		99
81) 3,3'-Dichlorobenzidine	13.77	252	25303	2.12	nq	#	95
82) Chrysene	13.84	228	1197671	35.82	nq		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	869936	34.36	nq		99
84) Di-n-octyl phthalate	14.42	149	1538225	36.96	nq		96
85) Indeno(1,2,3-cd)pyrene	16.48	276	936401	33.76	nq		99
87) Benzo(b)fluoranthene	14.81	252	1116978m	45.02	nq		
88) Benzo(k)fluoranthene	14.83	252	960898m	44.15	nq		
89) Benzo(a)pyrene	15.13	252	886809	41.05	nq	#	96
90) Dibenzo(a,h)anthracene	16.49	278	806303	43.18	nq		97
91) Benzo(g,h,i)perylene	16.85	276	715050	42.34	nq		100

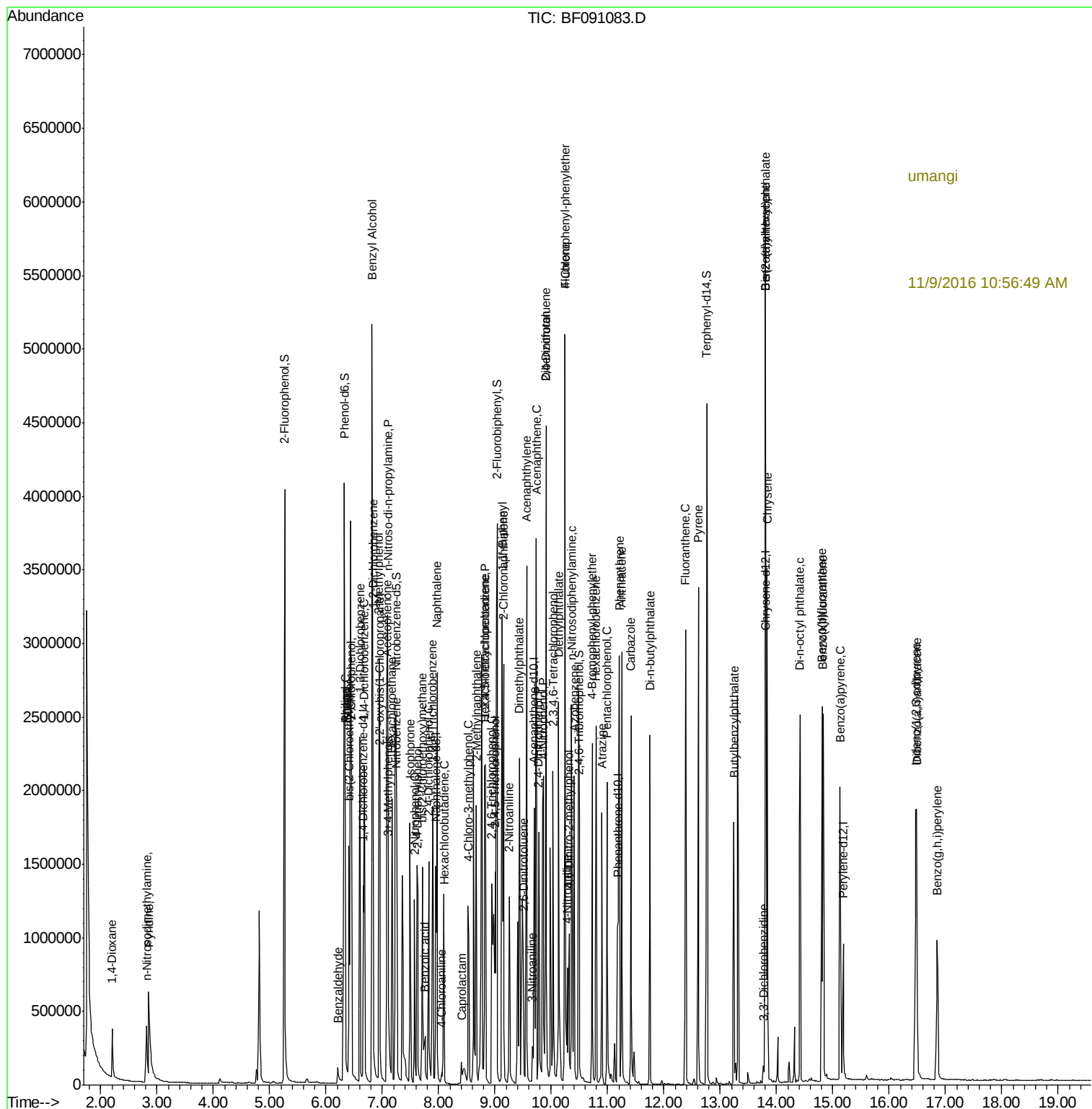
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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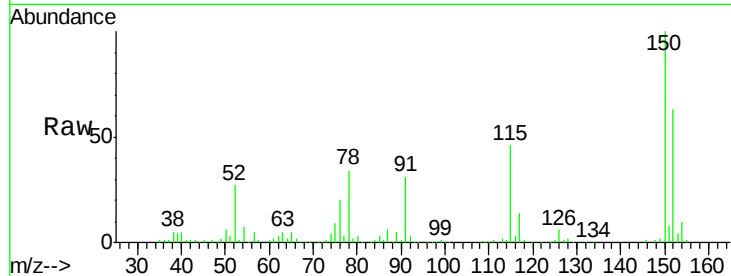
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

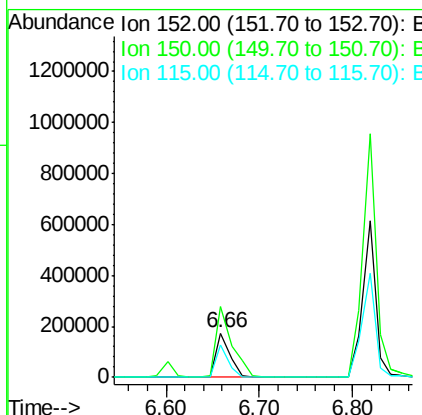
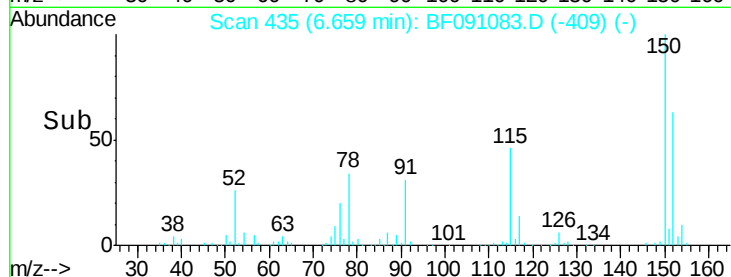
Instrument :
BNA_F
ClientSampleId :
PB94597BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.8	190.2
115	73.1	53.3	79.9

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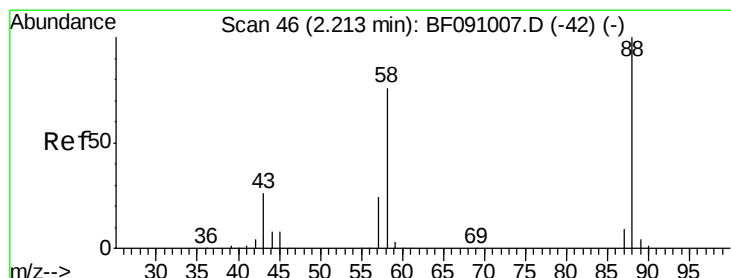


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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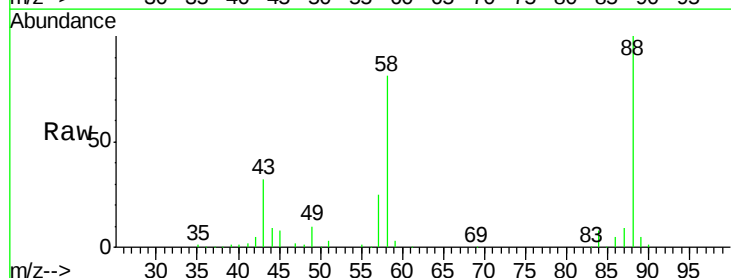
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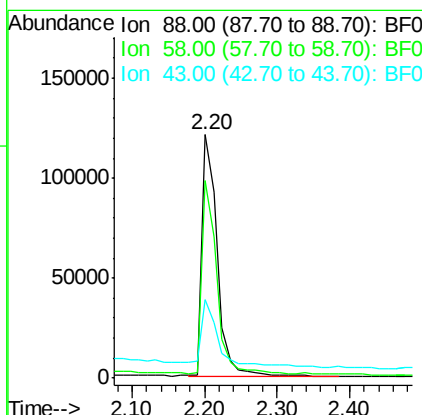
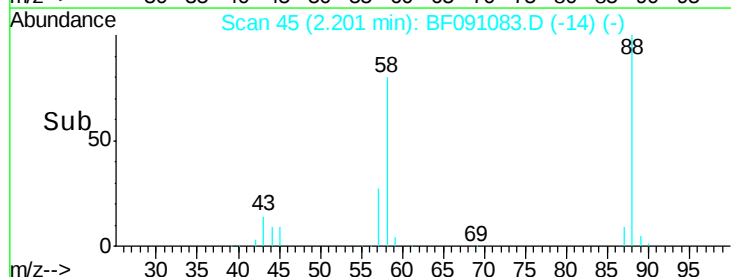
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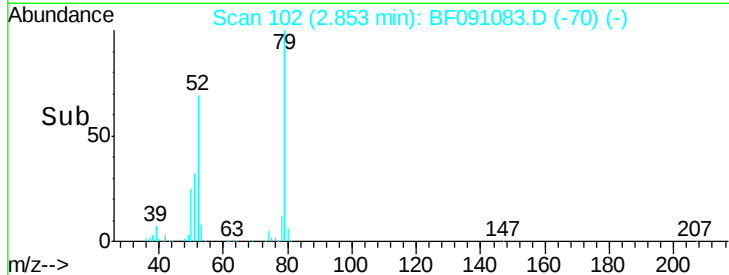
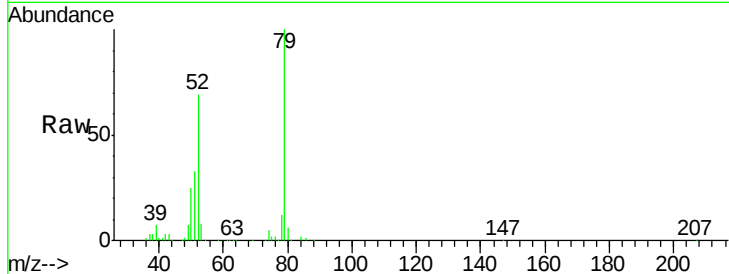
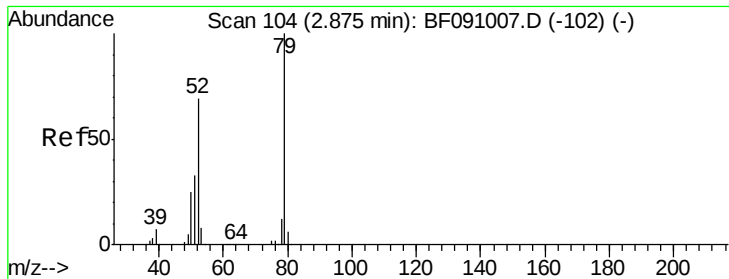
1,4-Dioxane
Concen: 28.75 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	63.8	95.6
43	35.2	22.6	33.8



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



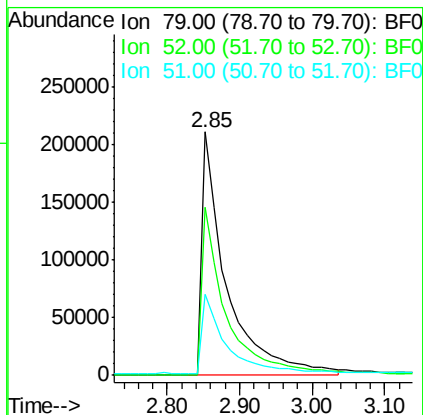


#3
 Pvridine
 Concen: 35.07 ng
 RT: 2.85 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tot Ion:	79	Resp:	500136
Ion Ratio	Lower	Upper	
79	100		
52	68.8	55.4	83.0
51	33.4	27.4	41.0

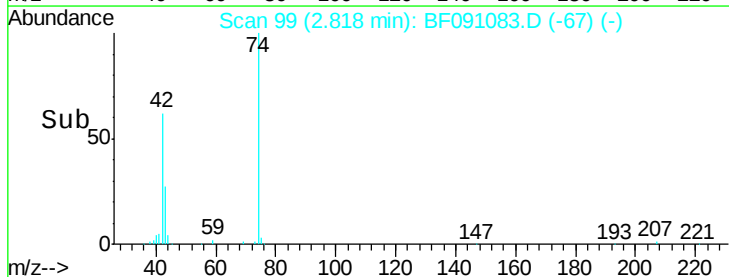
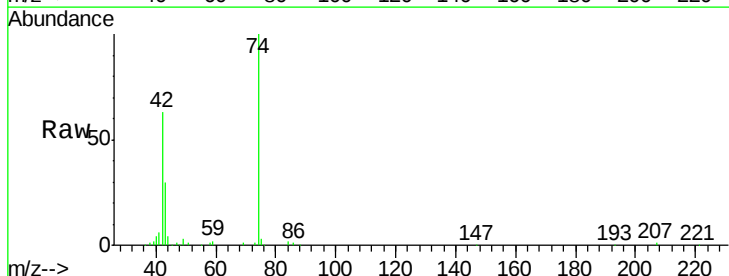
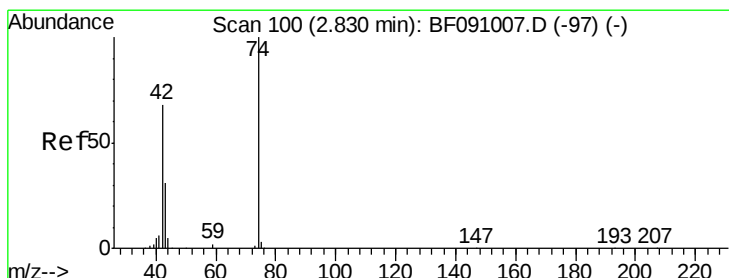
Instrument :
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 ClientSampled :
 PB94597BS

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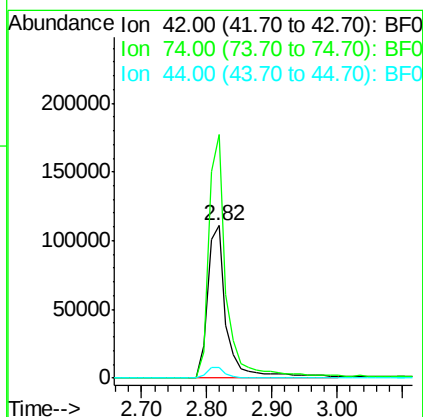
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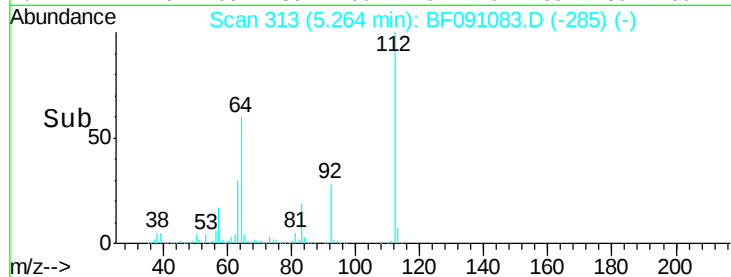
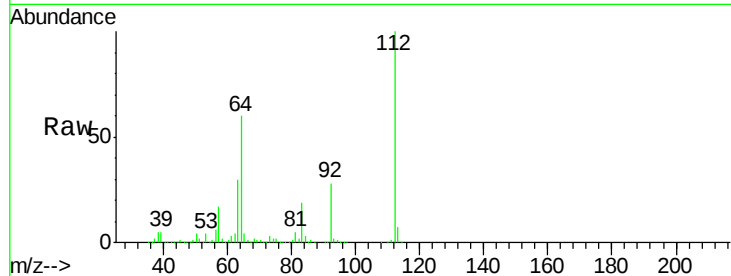
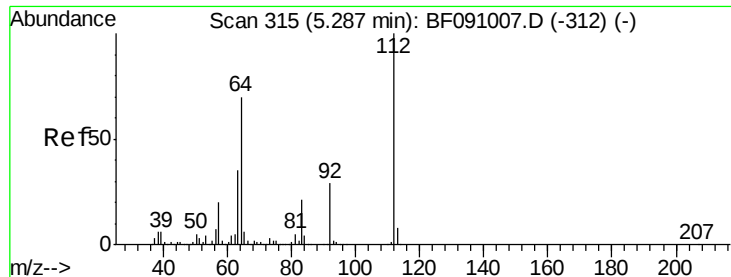
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#4
 n-Nitrosodimethylamine
 Concen: 39.73 ng
 RT: 2.82 min Scan# 99
 Delta R.T. 0.07 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion:	42	Resp:	224131
Ion Ratio	Lower	Upper	
42	100		
74	159.6	117.3	175.9
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 133.60 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.02 min

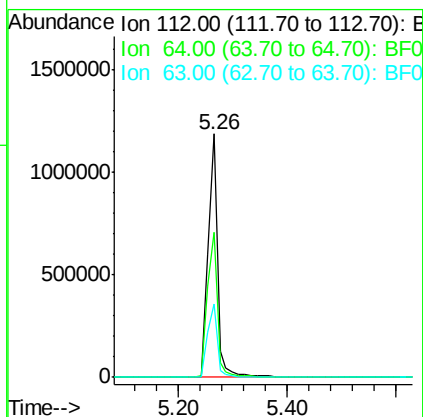
Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Tot Ion:	112	Resp:	1423829
Ion	Ratio	Lower	Upper
112	100		
64	59.7	55.8	83.6
63	30.0	28.0	42.0

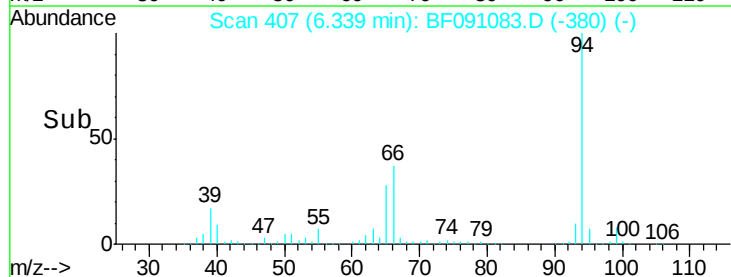
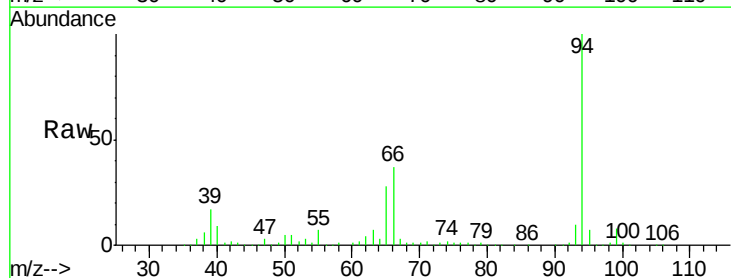
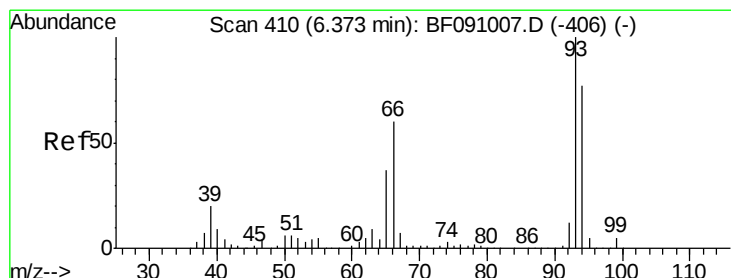
Instrument :
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#6

Aniline

Concen: 6.72 ng

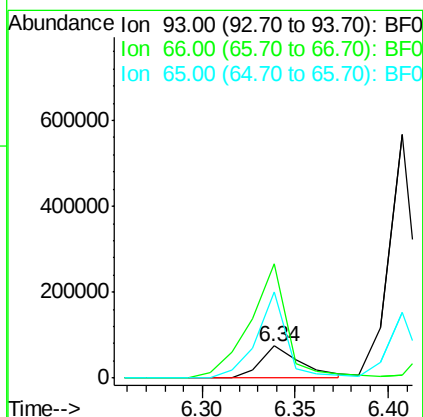
RT: 6.34 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Tgt Ion:	93	Resp:	114631
Ion	Ratio	Lower	Upper
93	100		
66	354.7	48.2	72.2#
65	268.2	29.4	44.0#





#7

Phenol-d6

Concen: 128.69 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

BNA_F

ClientSampled :

PB94597BS

Tot Ion: 99 Resp: 1861551

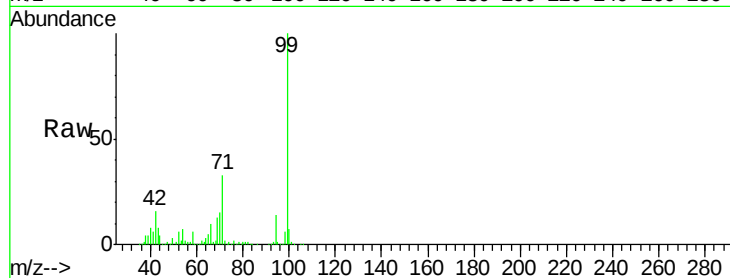
Ion Ratio Lower Upper

99 100

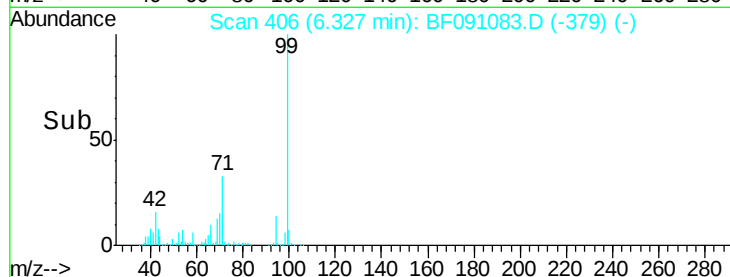
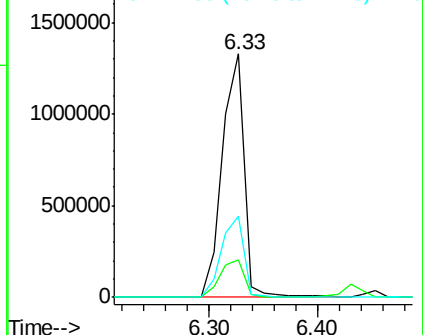
42 15.6 13.9 20.9

71 33.1 27.8 41.8

Manual Integrations
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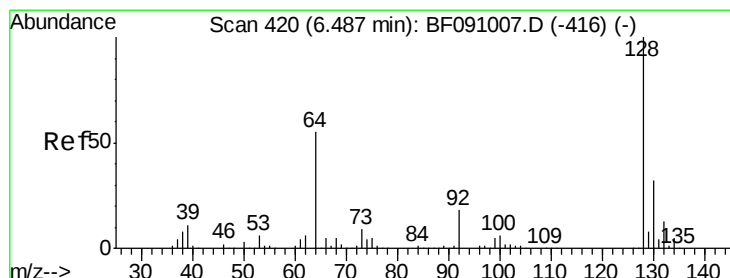


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 43.13 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

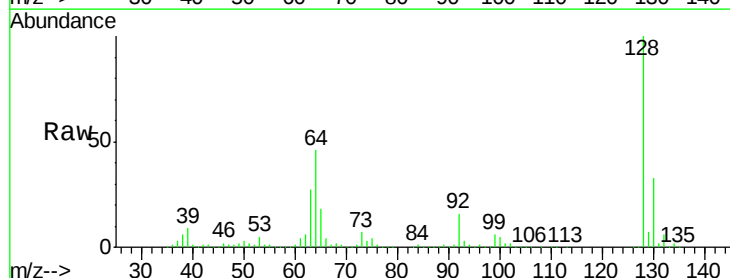
Tgt Ion: 128 Resp: 548249

Ion Ratio Lower Upper

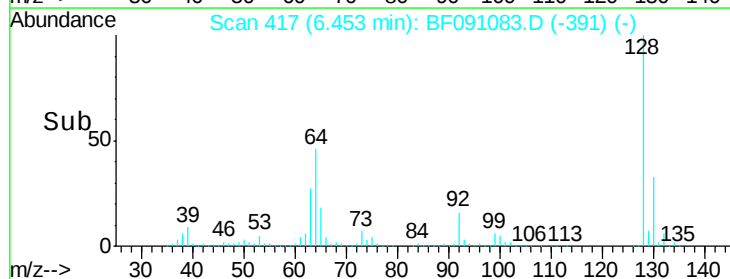
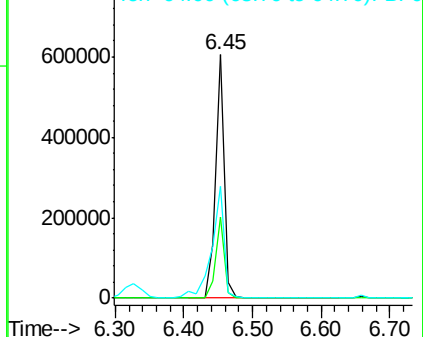
128 100

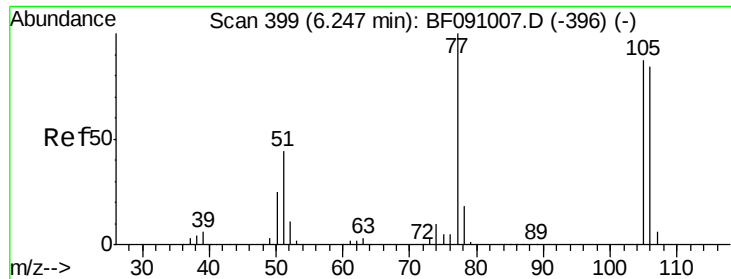
130 33.3 12.0 52.0

64 45.7 37.2 77.2



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



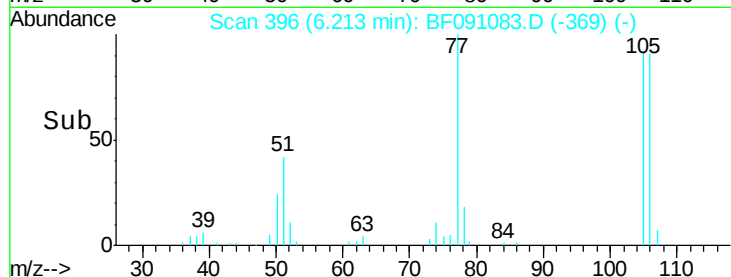
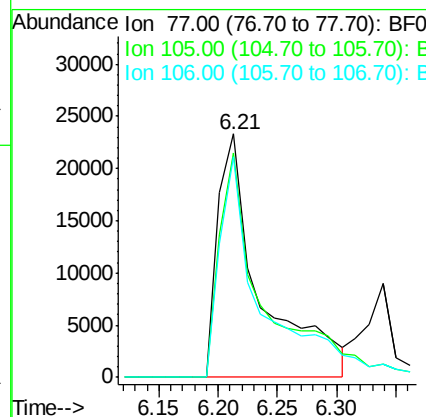
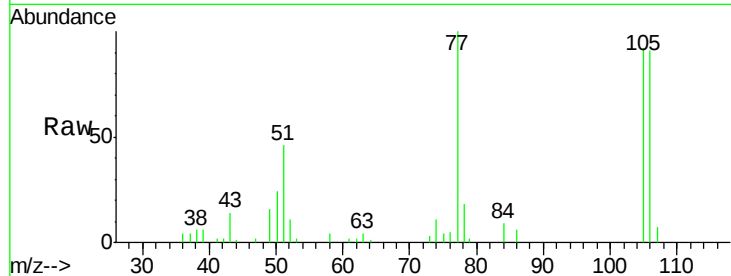


#9
Benzaldehyde
Concen: 7.30 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

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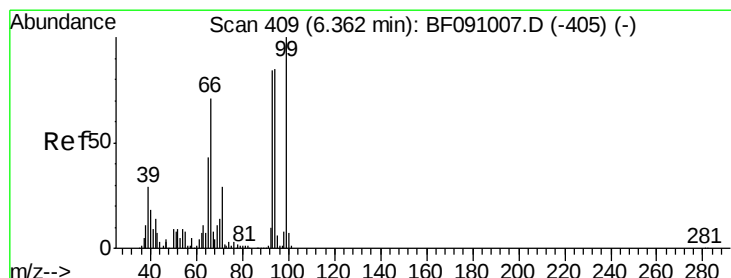
Tot Ion	Ratio	Lower	Upper
77	100		
105	92.2	66.8	106.8
106	90.6	64.0	104.0

Manual Integrations
APPROVED



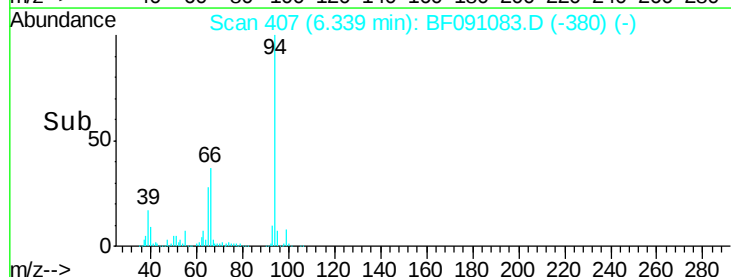
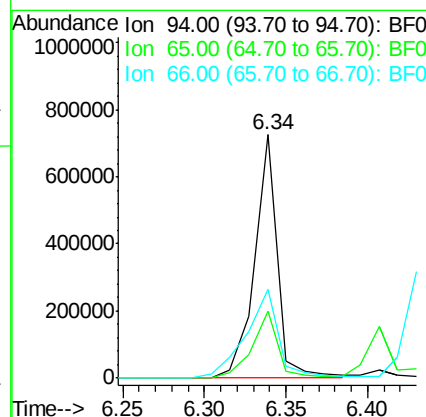
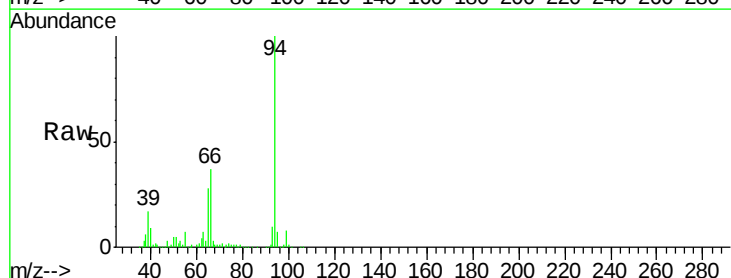
umangi

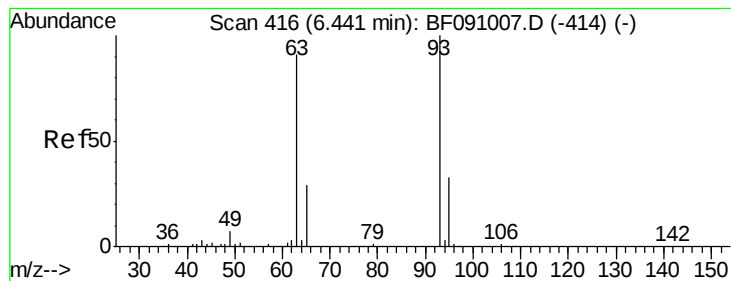
11/9/2016 10:56:49 AM



#10
Phenol
Concen: 43.88 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.01 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	30.4	70.4#
66	36.7	62.9	102.9#



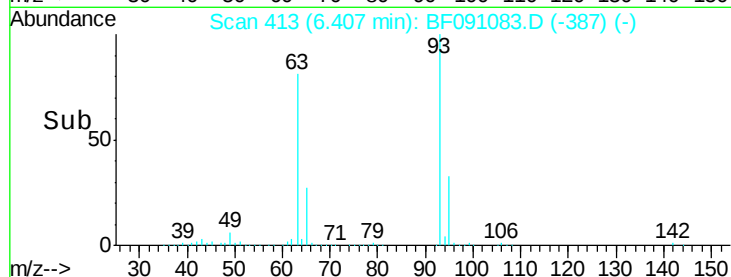
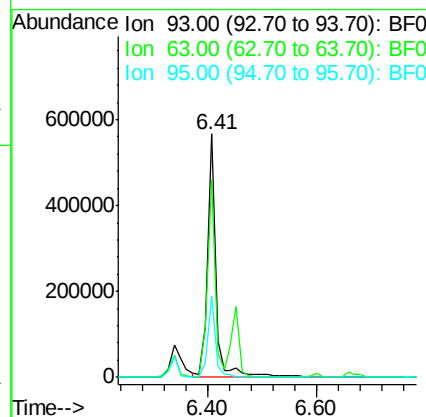
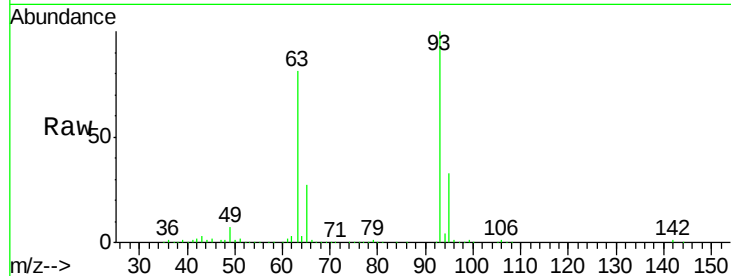


#11
bis(2-Chloroethyl)ether
Concen: 44.47 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

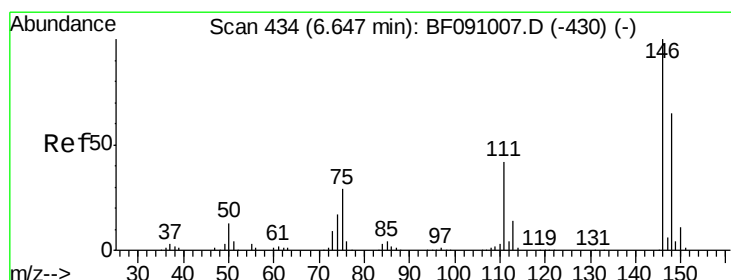
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	68.9	108.9
95	33.3	12.3	52.3

Manual Integrations
APPROVED



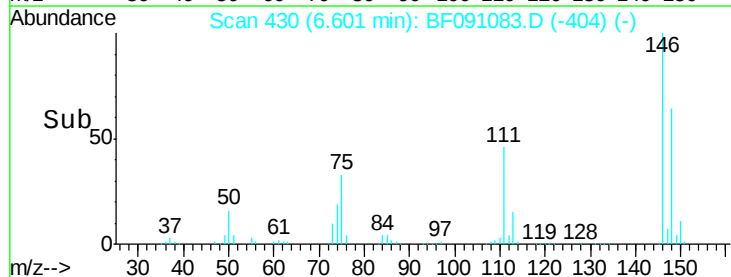
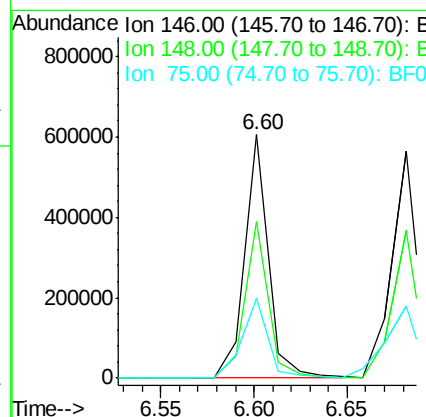
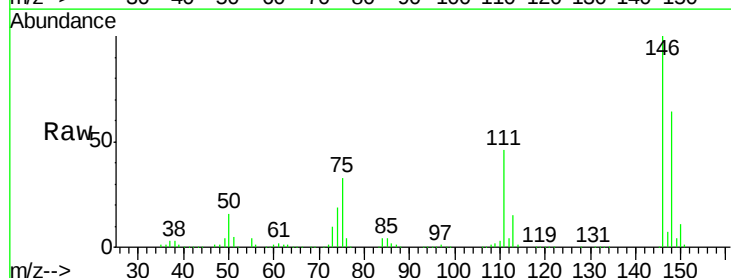
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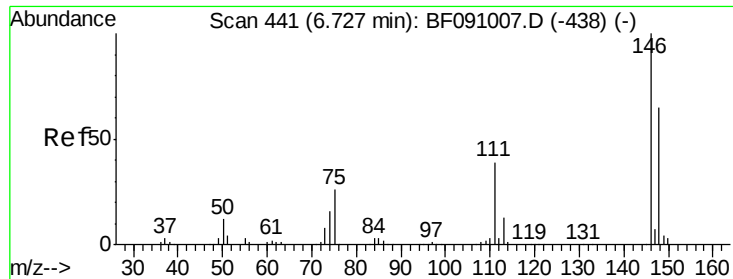
11/9/2016 10:56:49 AM



#12
1,3-Dichlorobenzene
Concen: 41.96 ng
RT: 6.60 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
75	32.9	23.0	34.6



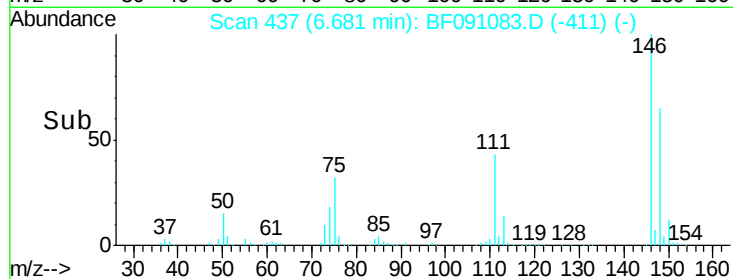
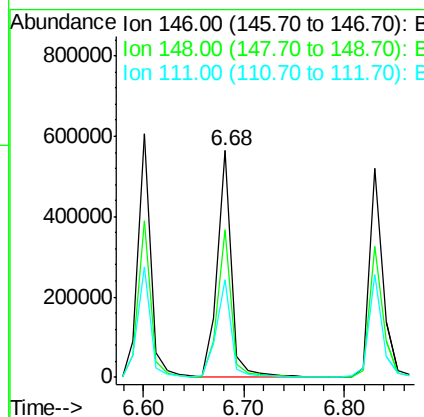
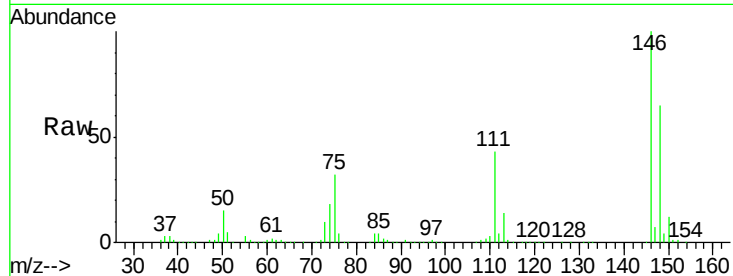


#13
 1,4-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.68 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

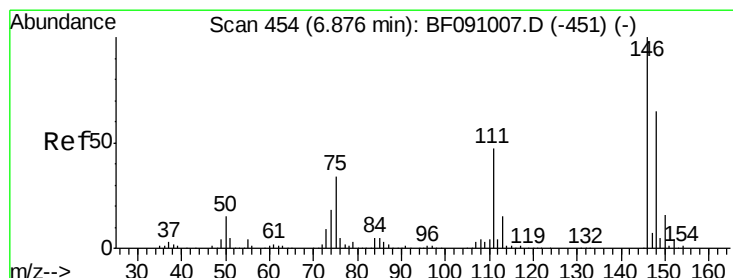
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	42.8	31.6	47.4

Manual Integrations
 APPROVED



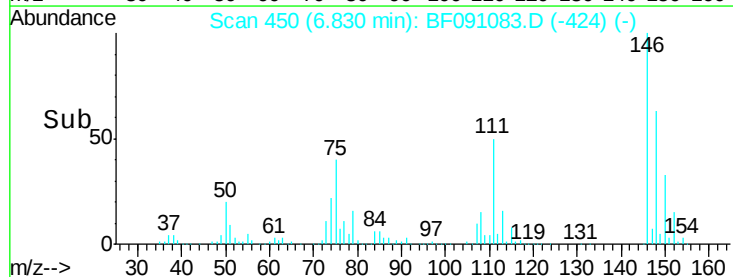
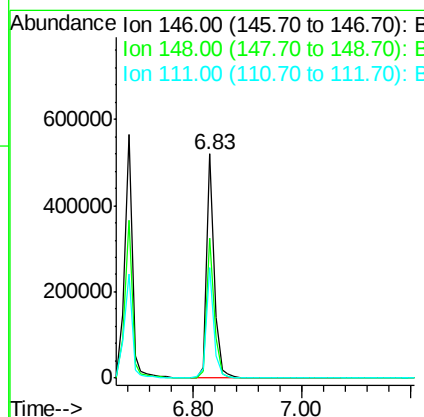
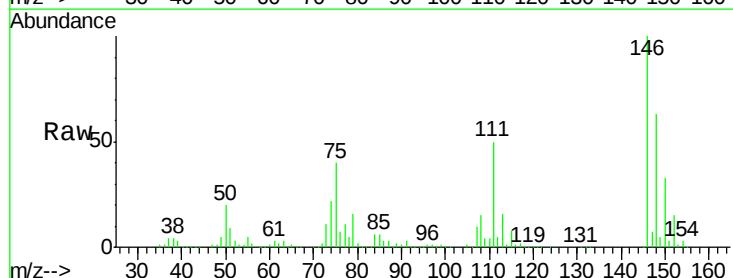
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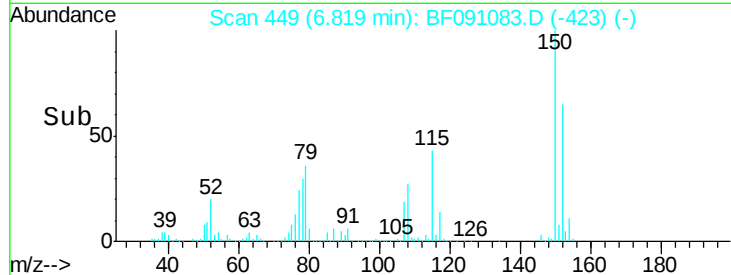
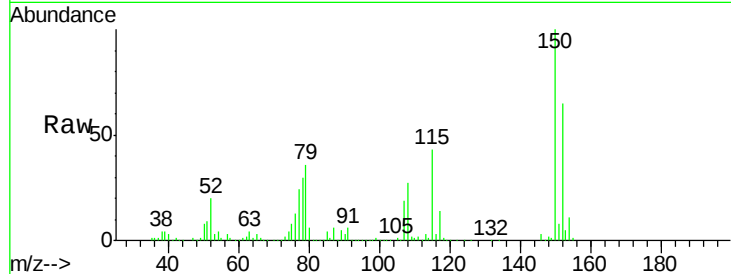
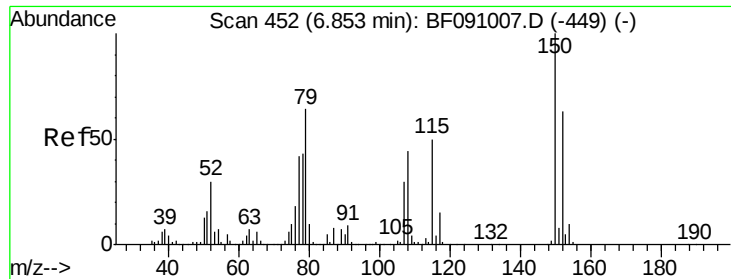
11/9/2016 10:56:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.31 ng
 RT: 6.83 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.6	77.4
111	49.5	37.3	55.9



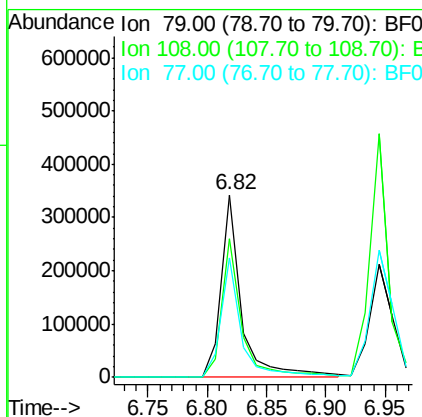


#15
Benzyl Alcohol
Concen: 39.80 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	55.7	83.5
77	65.8	52.6	79.0

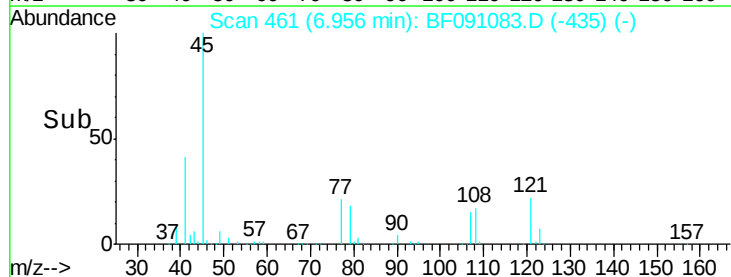
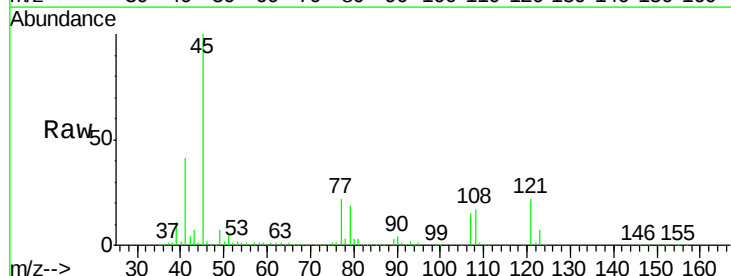
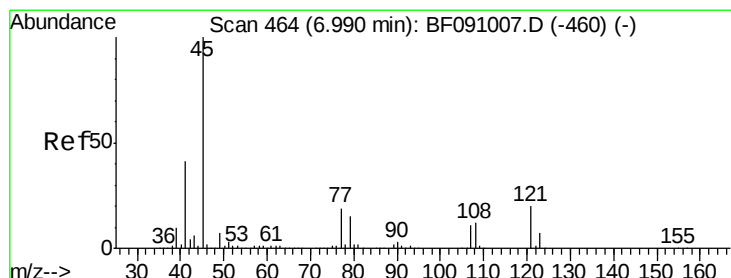
Instrument :
BNA_F
ClientSampled :
PB94597BS

Manual Integrations
APPROVED



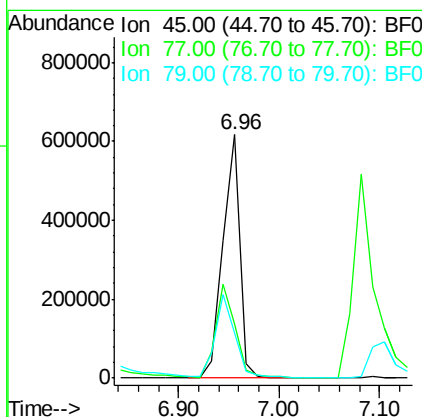
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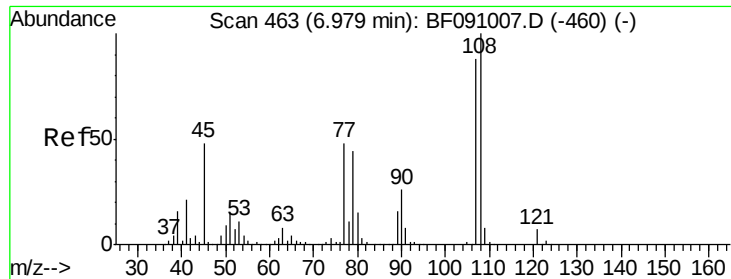
11/9/2016 10:56:49 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.66 ng
RT: 6.96 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	39.6
79	18.7	0.0	35.9



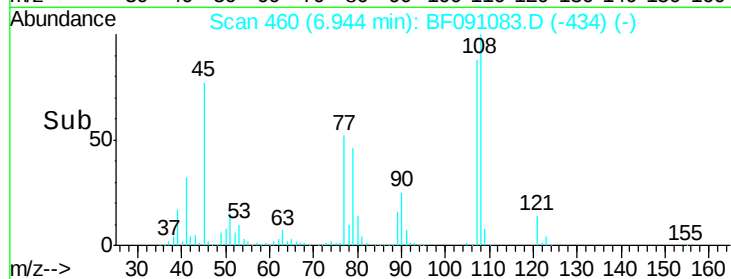
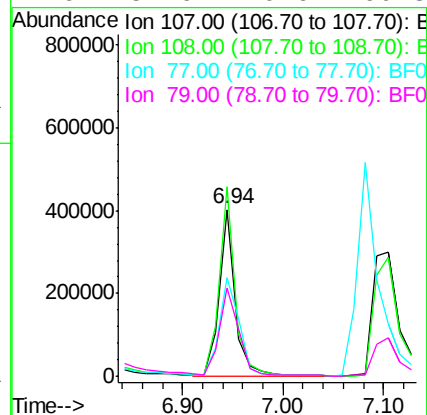
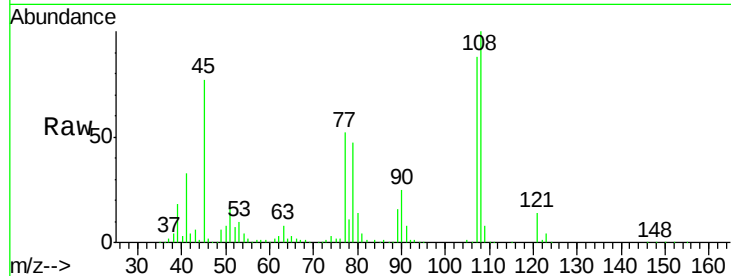


#17
2-Methylphenol
Concen: 43.70 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

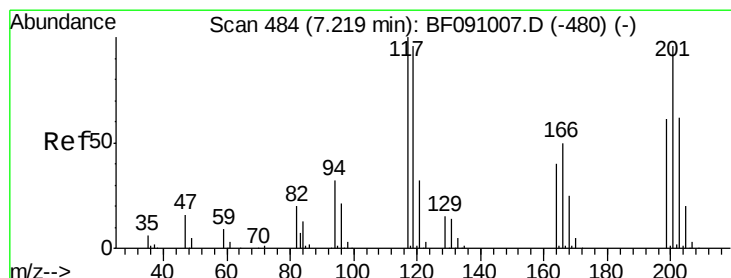
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.0	136.6	
77	58.9	43.8	65.8	
79	52.6	40.6	60.8	

Manual Integrations
APPROVED



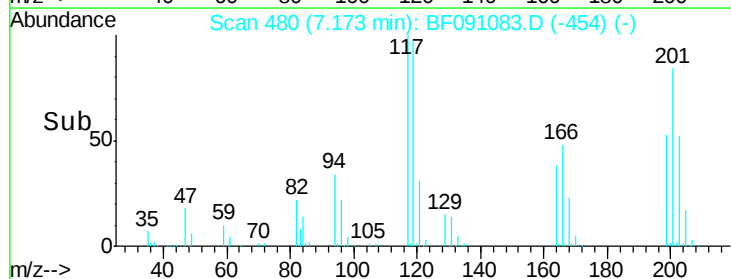
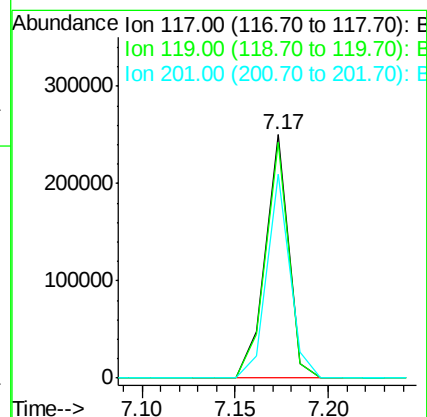
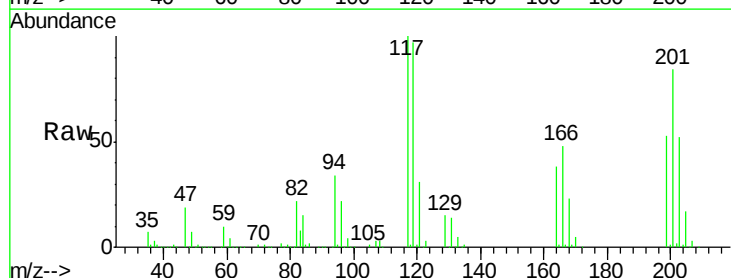
umangi

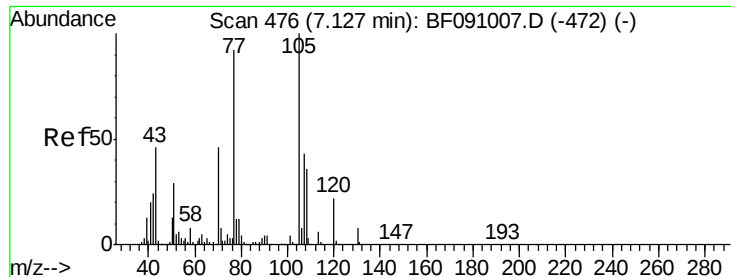
11/9/2016 10:56:49 AM



#18
Hexachloroethane
Concen: 40.34 ng
RT: 7.17 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	115.0	
201	84.0	77.1	115.7	



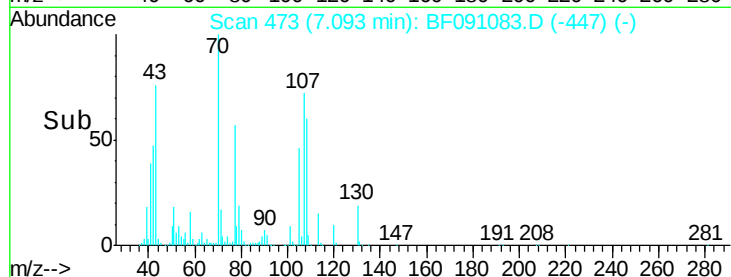
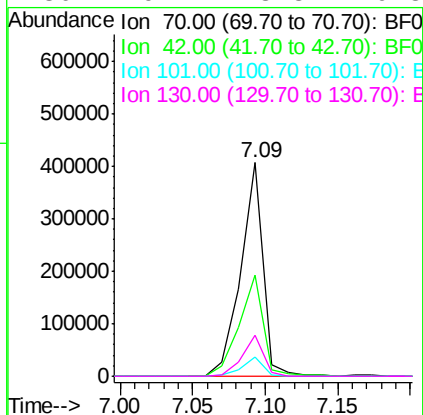
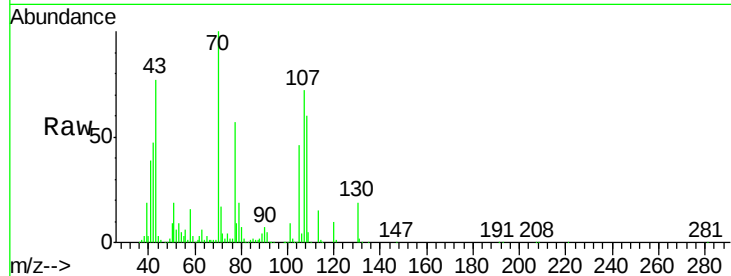


#19
n-Nitroso-di-n-propylamine
Concen: 43.51 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

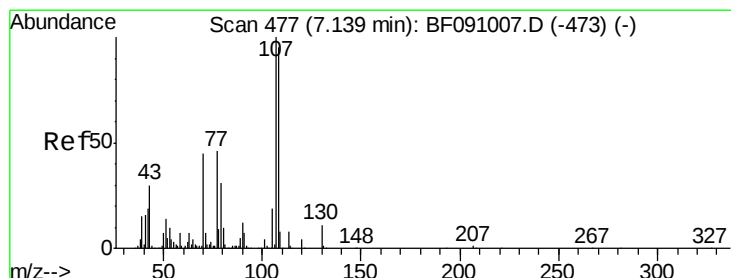
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	41.7	62.5	
101	8.9	6.7	10.1	
130	19.1	13.8	20.8	

Manual Integrations
APPROVED



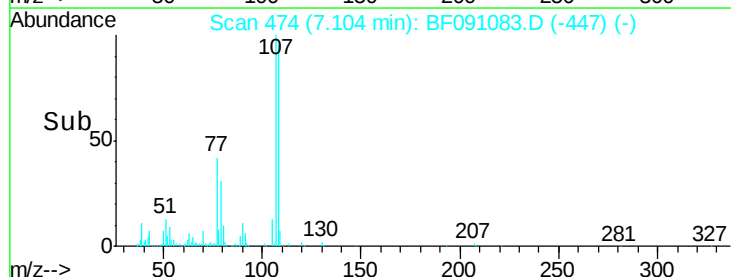
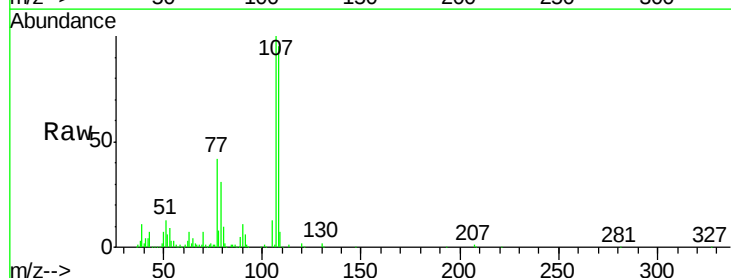
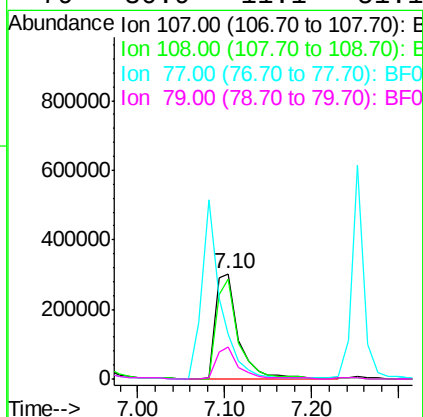
umangi

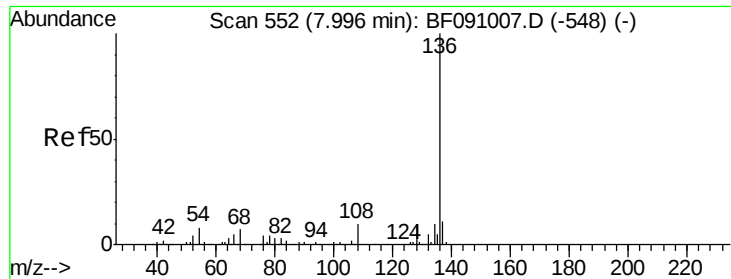
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#20
3+4-Methylphenols
Concen: 46.35 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	75.5	115.5	
77	42.2	26.4	66.4	
79	30.9	11.1	51.1	



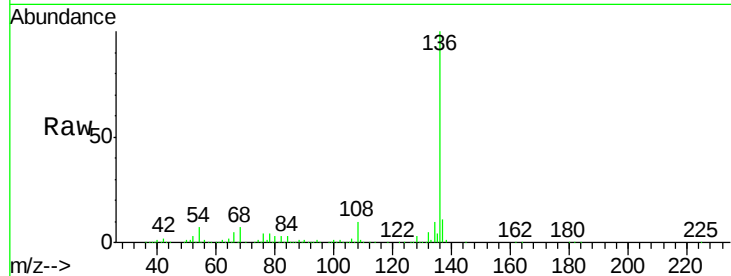


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

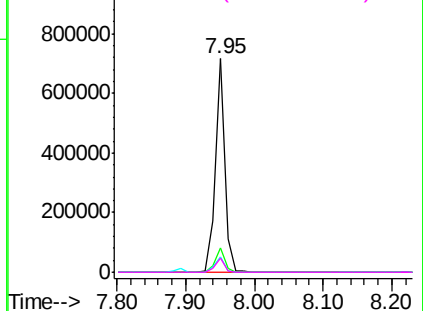
Instrument :
BNA_F
ClientSampleId :
PB94597BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		702421		
137	11.3		8.9	13.3	
54	7.1		6.2	9.2	
68	6.5		5.5	8.3	

Manual Integrations
APPROVED

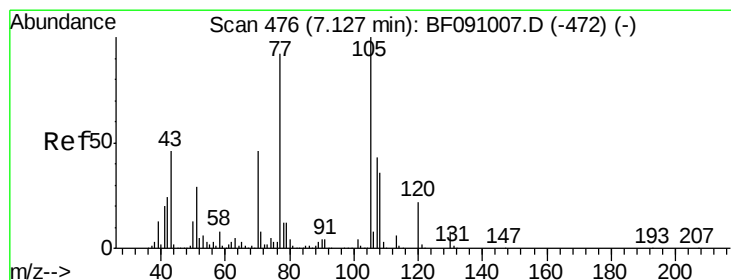
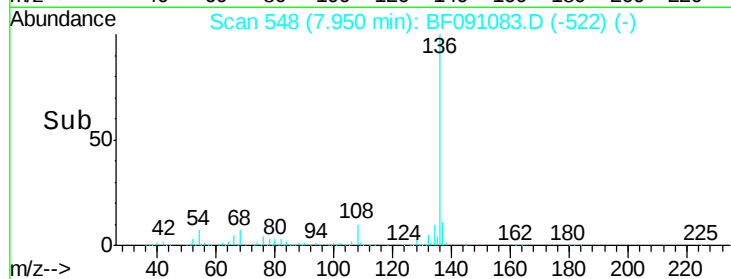


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



umangi

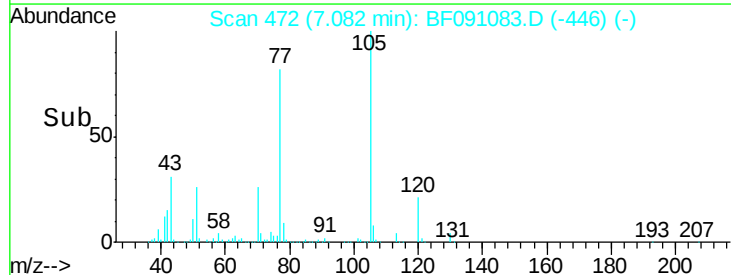
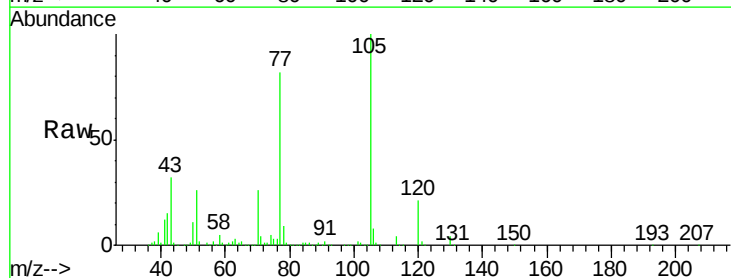
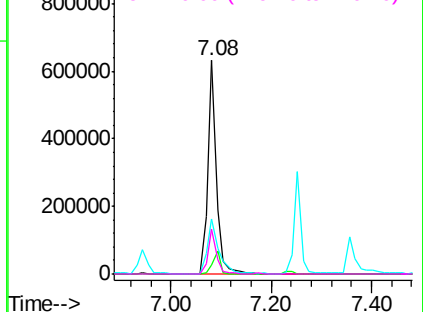
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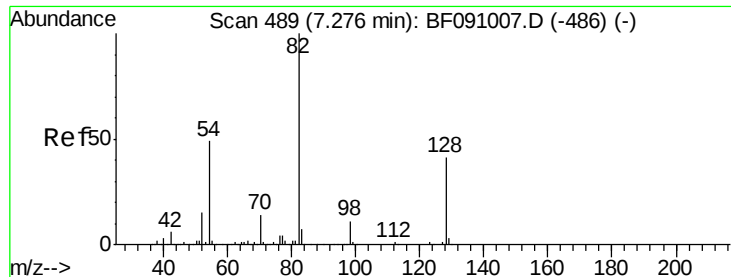


#22
Acetophenone
Concen: 46.18 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		746901		
71	4.4		6.2	9.2#	
51	25.9		23.3	34.9	
120	21.0		17.4	26.0	

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



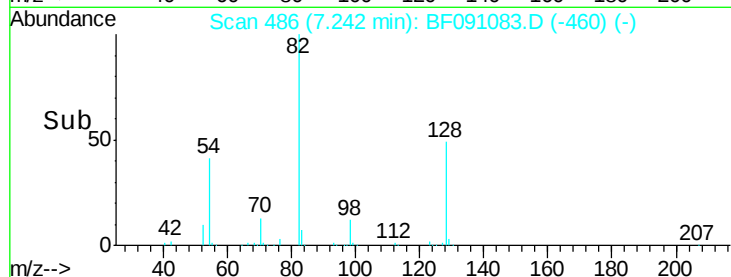
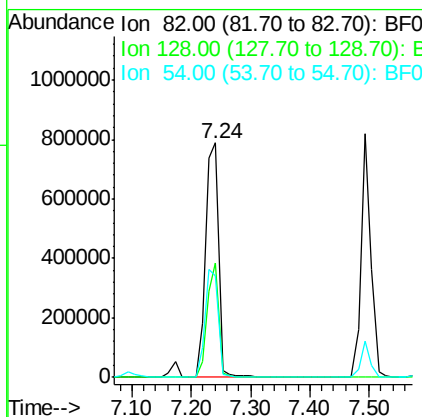
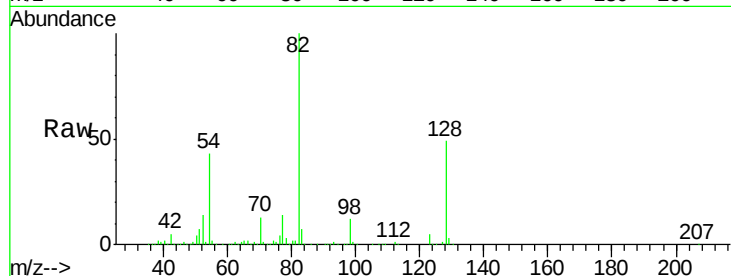


#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

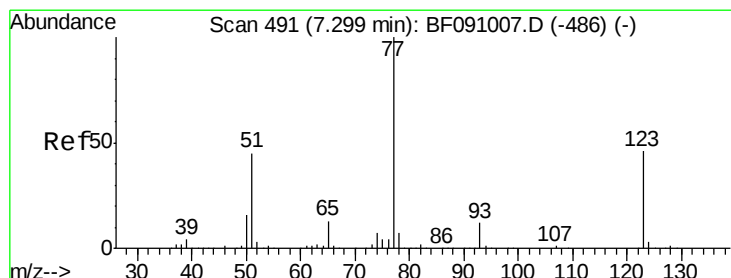
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	32.4	48.6#
54	43.3	39.2	58.8

Manual Integrations
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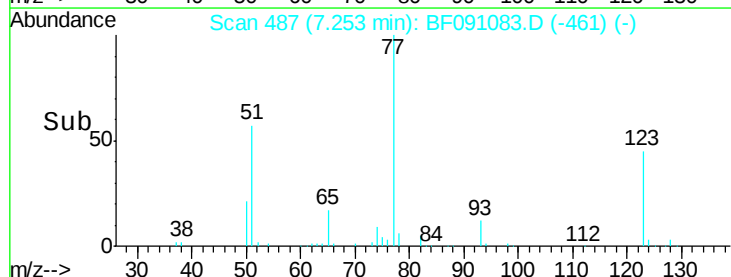
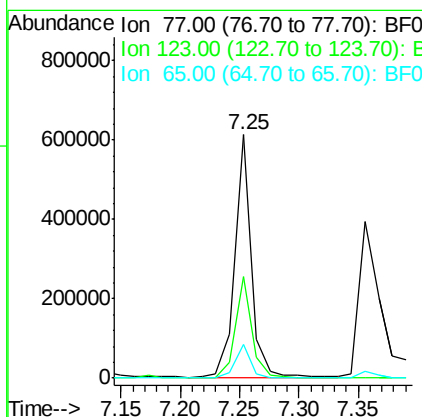
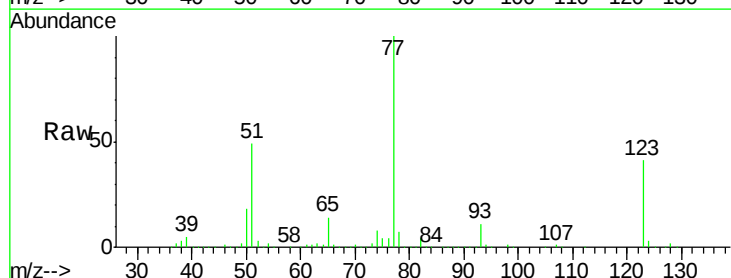
umangi

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#24
Nitrobenzene
Concen: 41.05 ng
RT: 7.25 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	36.5	54.7
65	14.0	10.7	16.1





#25

Isophorone

Concen: 37.86 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.00 min

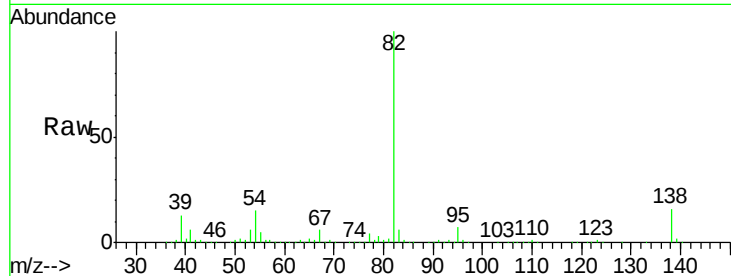
Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

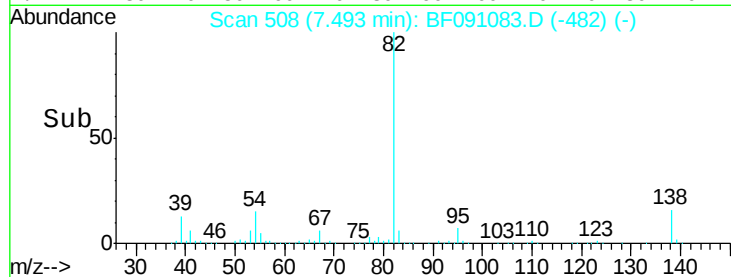
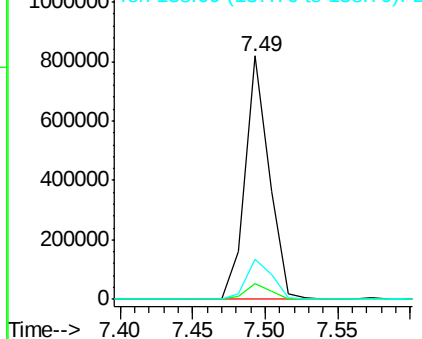
Tot Ion:	82	Resp:	939394
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.4	8.0
138	16.3	13.0	19.4

Instrument :
BNA_F
ClientSampled :
PB94597BS

Manual Integrations
APPROVED

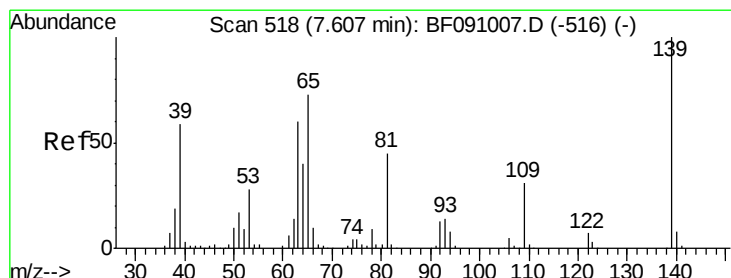


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#26

2-Nitrophenol

Concen: 45.67 ng

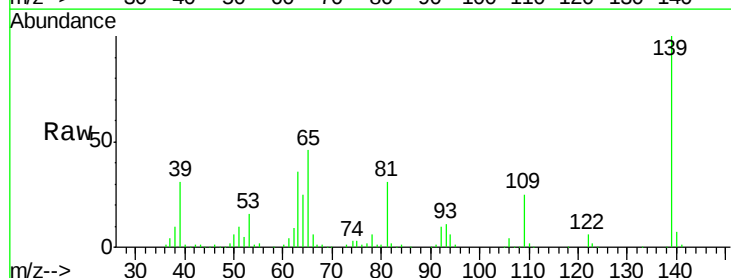
RT: 7.57 min Scan# 515

Delta R.T. -0.00 min

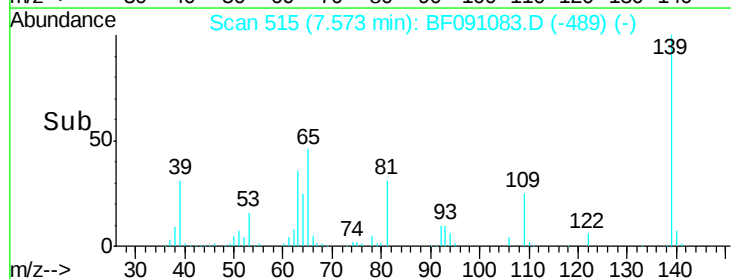
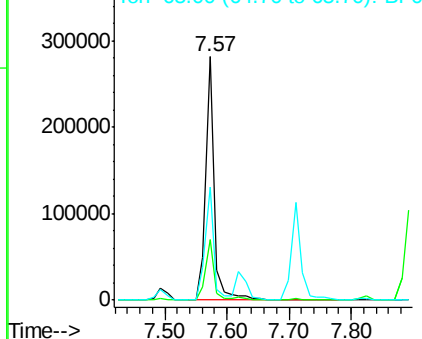
Lab File: BF091083.D

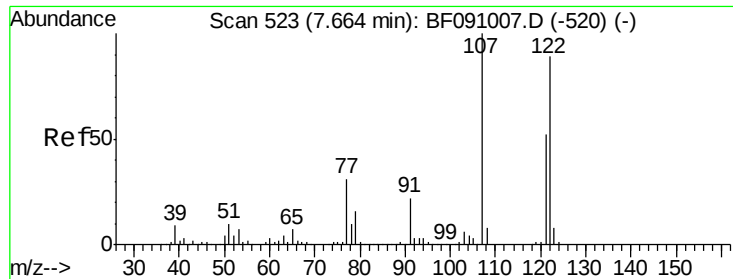
Acq: 8 Nov 2016 15:46

Tgt Ion:	139	Resp:	274844
Ion Ratio		Lower	Upper
139	100		
109	24.9	24.7	37.1
65	46.4	58.3	87.5#



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



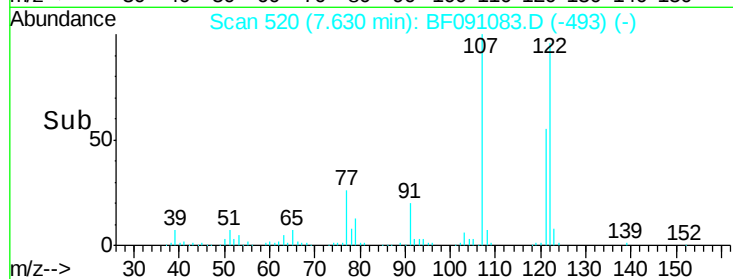
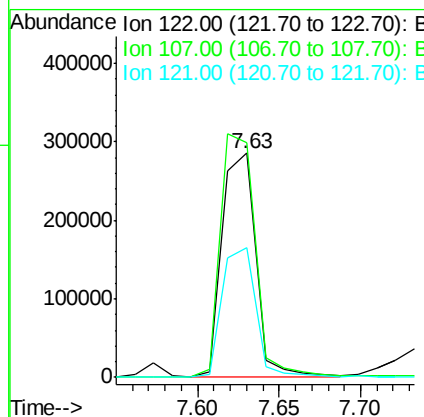
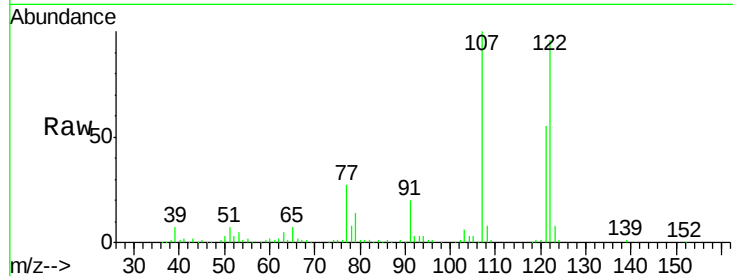


#27
2,4-Dimethylphenol
Concen: 41.00 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

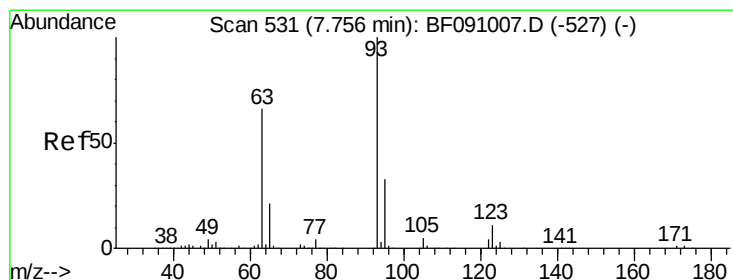
Tot Ion	Ratio	Lower	Upper
122	100		
107	104.5	89.6	134.4
121	57.6	46.3	69.5

Manual Integrations
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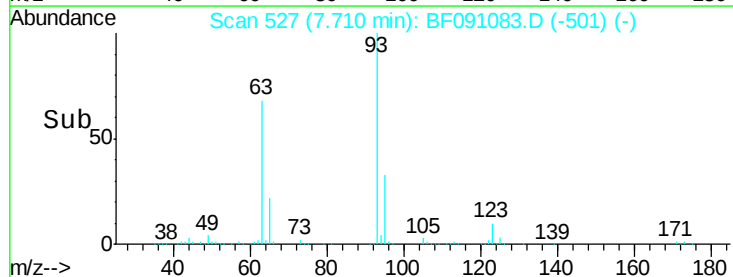
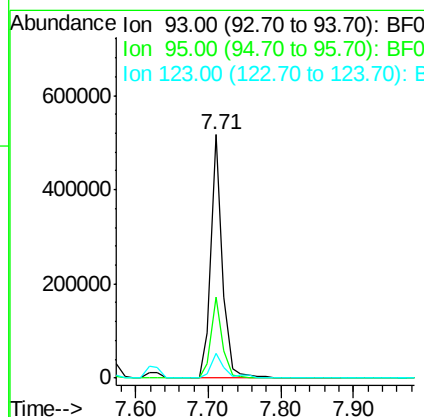
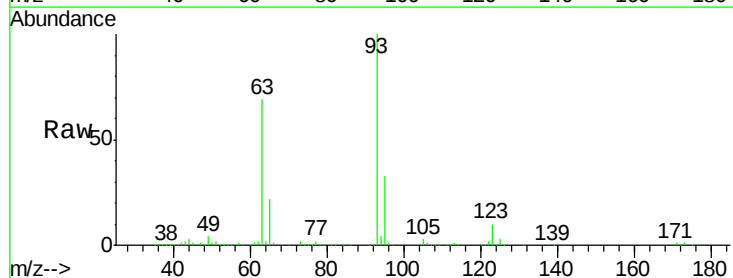
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#28
bis(2-Chloroethoxy)methane
Concen: 41.99 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	10.4	8.7	13.1



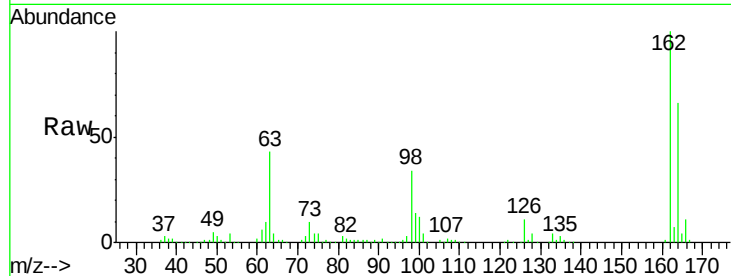


#29
2,4-Dichlorophenol
Concen: 44.74 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

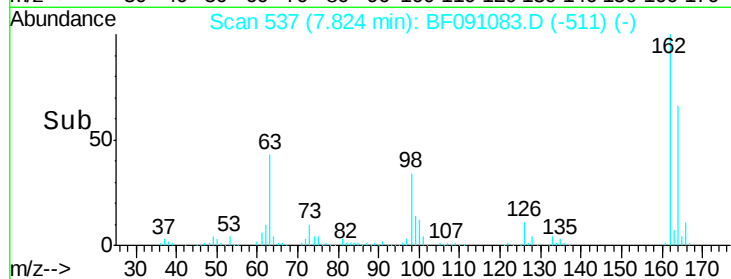
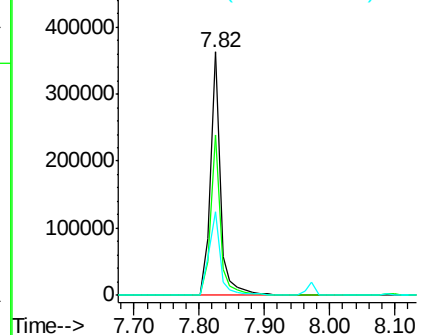
Instrument :
BNA_F
ClientSampled :
PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388624		
164	65.8	44.4	84.4	
98	34.4	25.2	65.2	

Manual Integrations
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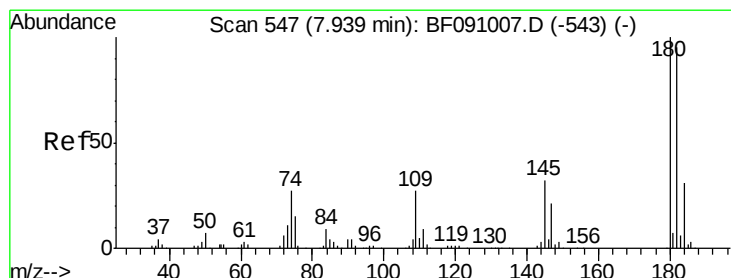


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



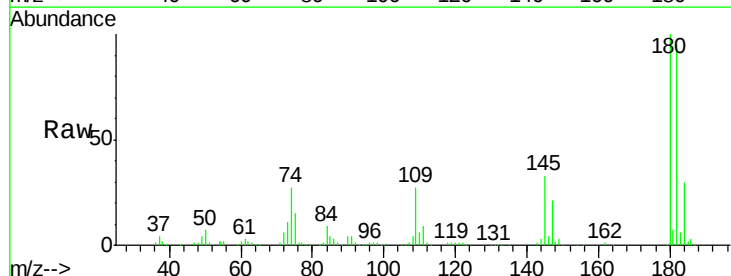
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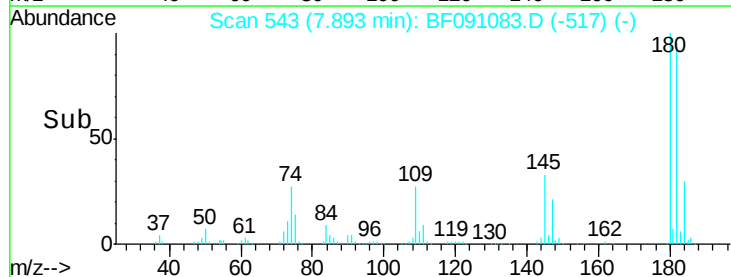
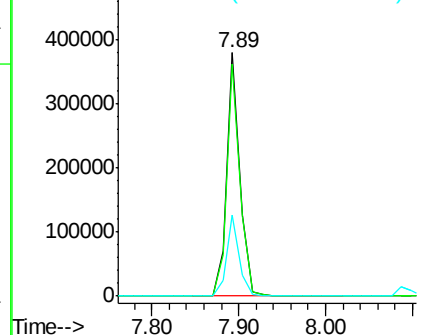


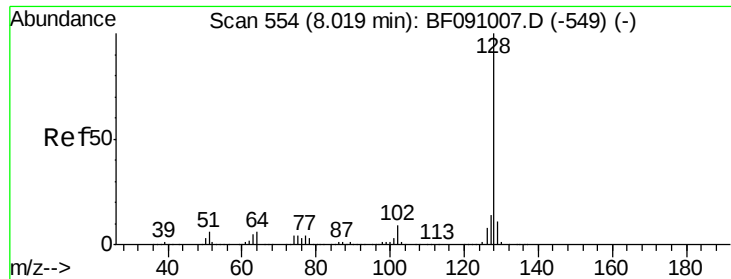
#30
1,2,4-Trichlorobenzene
Concen: 41.69 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	407142		
182	95.5	76.0	114.0	
145	33.1	25.8	38.8	



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



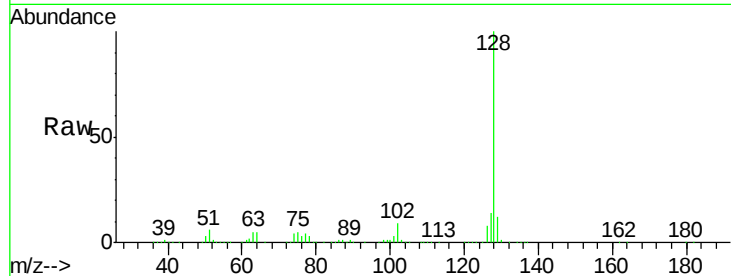


#31
Naphthalene
Concen: 40.28 ng
RT: 7.97 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

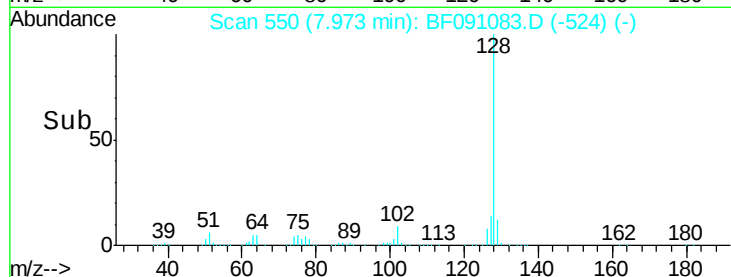
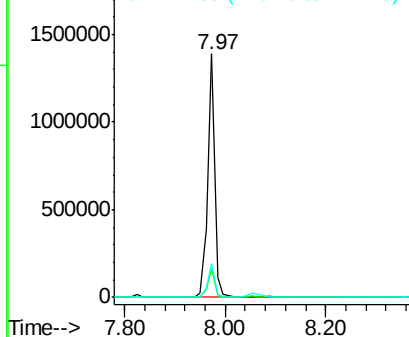
Instrument :
BNA_F
ClientSampled :
PB94597BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.9	16.3

Manual Integrations
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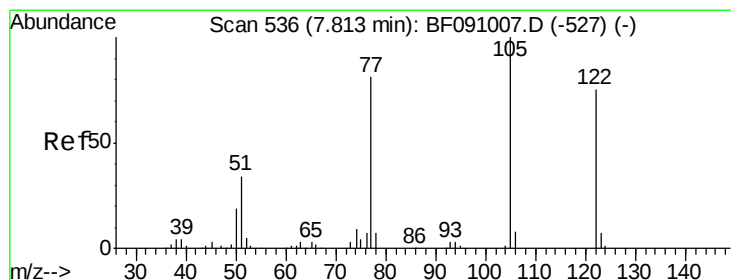


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



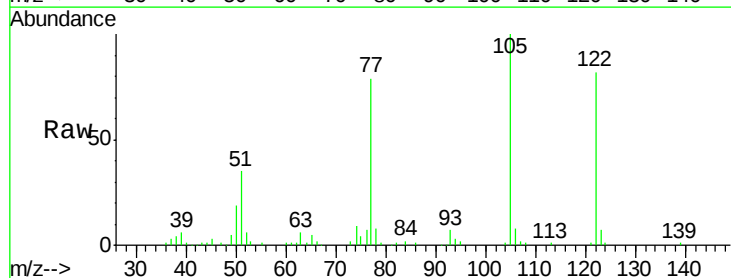
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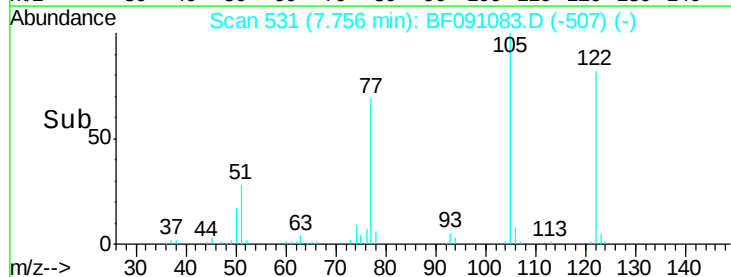
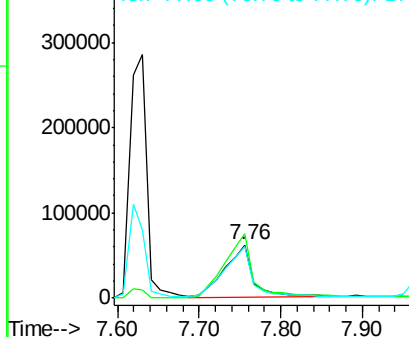


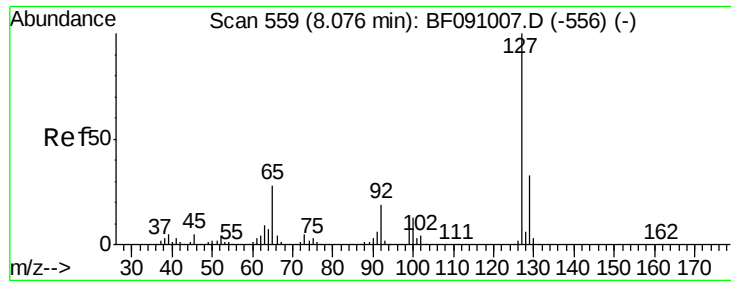
#32
Benzoic acid
Concen: 22.06 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	105.9	145.9
77	96.9	84.0	124.0



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



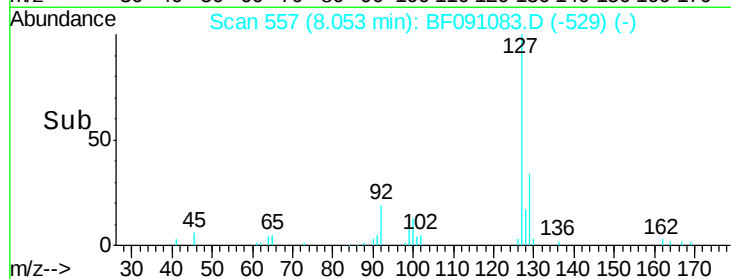
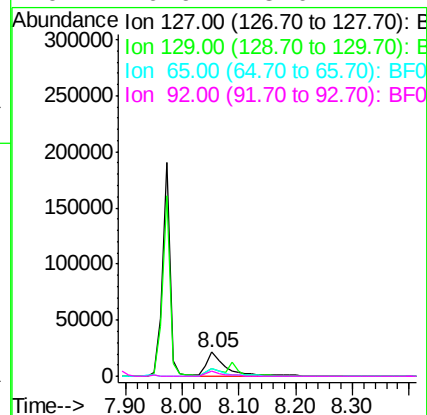
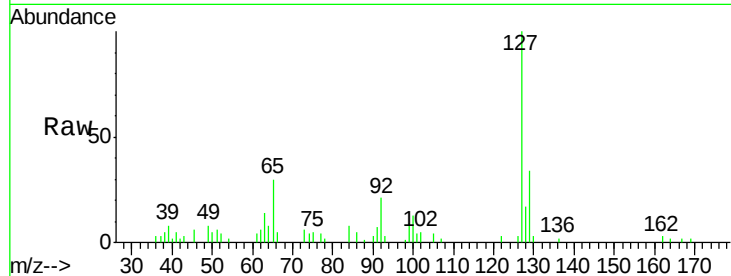


#33
4-Chloroaniline
Concen: 3.54 ng
RT: 8.05 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

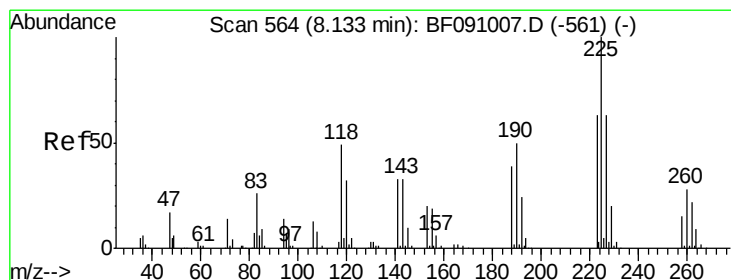
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49407		
129	33.6	26.6	39.8		
65	29.9	22.2	33.2		
92	20.9	15.0	22.4		

Manual Integrations
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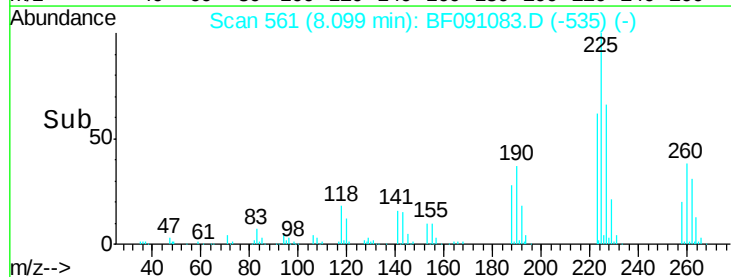
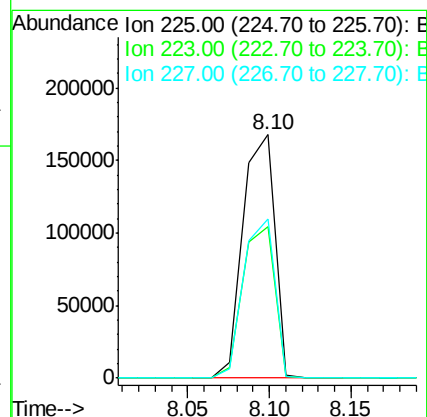
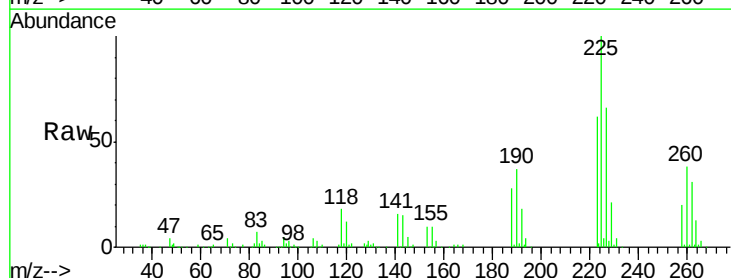
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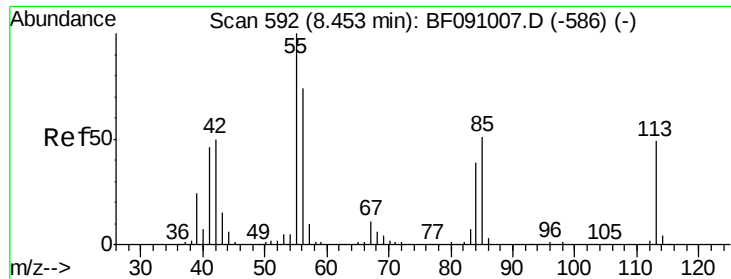
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#34
Hexachlorobutadiene
Concen: 42.85 ng
RT: 8.10 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		225859		
223	62.1	50.4	75.6		
227	65.6	50.1	75.1		



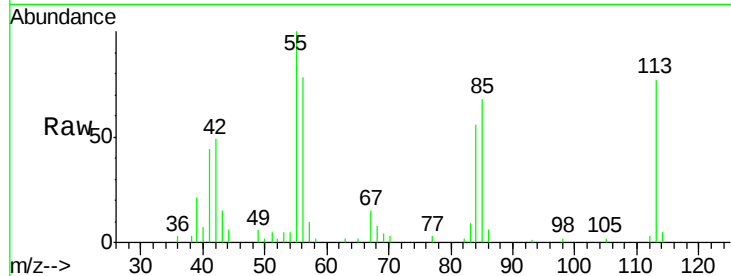


#35
 Caprolactam
 Concen: 25.67 ng/ml
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

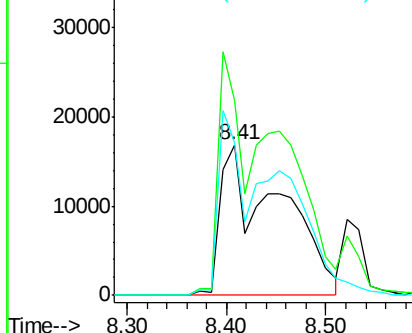
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

Tot Ion:113 Resp: 70042
 Ion Ratio Lower Upper
 113 100
 55 129.6 184.1 224.1#
 56 101.5 132.0 172.0#

Manual Integrations
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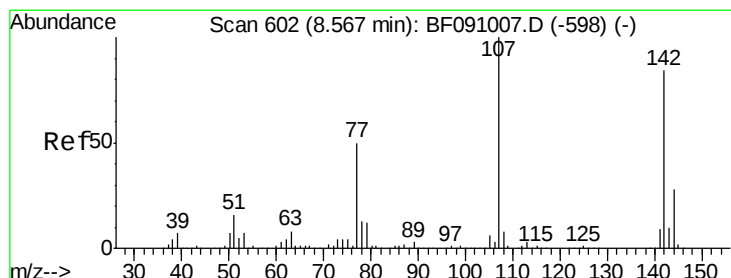
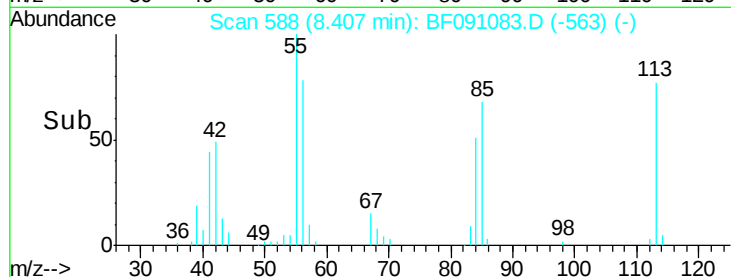


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



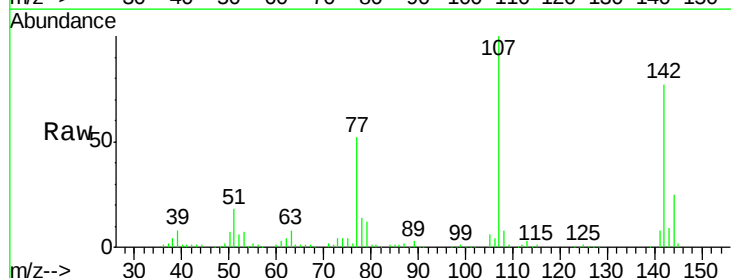
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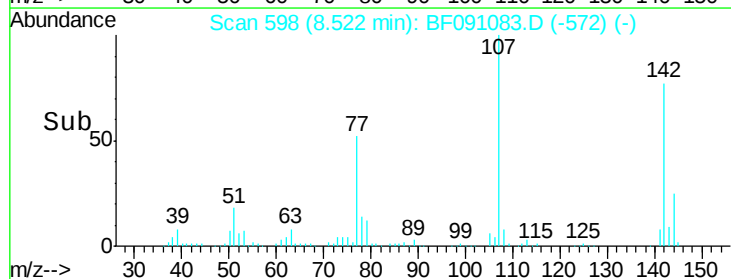
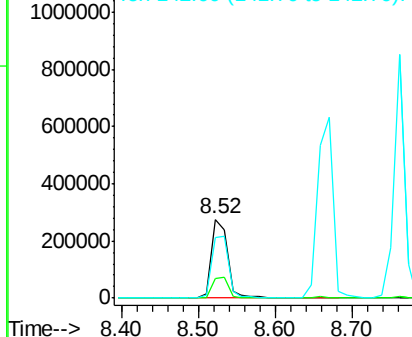


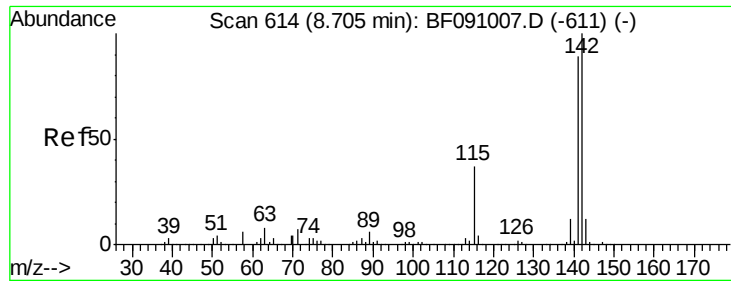
#36
 4-Chloro-3-methylphenol
 Concen: 38.21 ng/ml
 RT: 8.52 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion:107 Resp: 401752
 Ion Ratio Lower Upper
 107 100
 144 24.8 22.5 33.7
 142 76.6 67.4 101.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



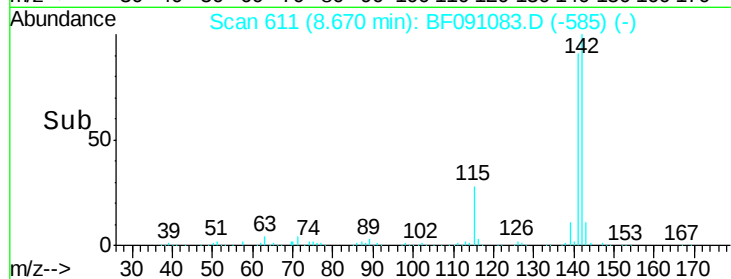
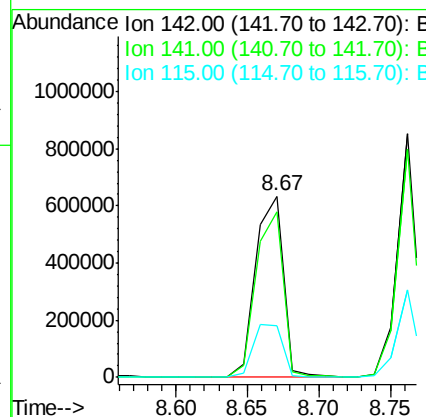
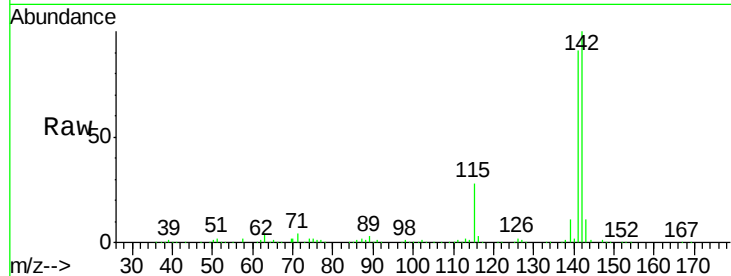


#37
2-Methylnaphthalene
Concen: 39.85 ng/ml
RT: 8.67 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleID :
PB94597BS

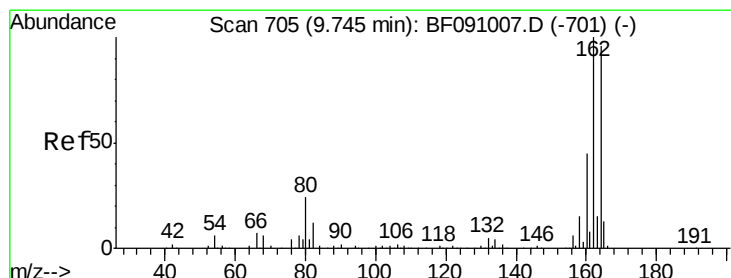
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.3	106.9
115	28.3	29.9	44.9

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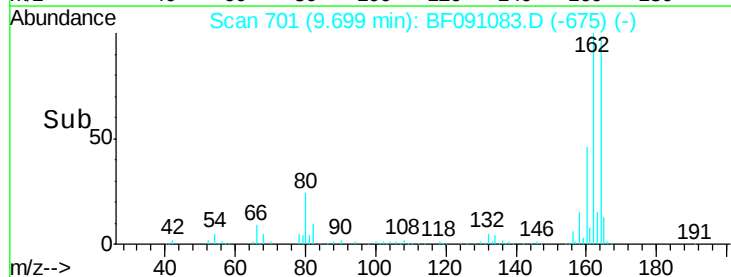
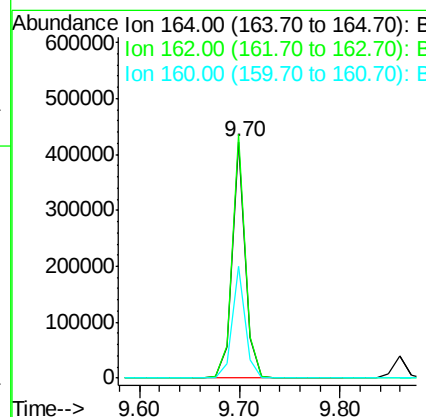
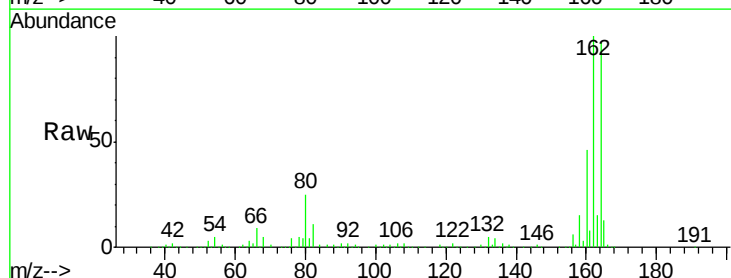
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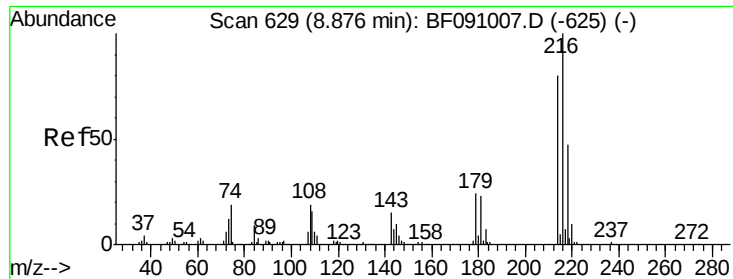
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#38
Acenaphthene-d10
Concen: 20.00 ng/ml
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.6	125.4
160	47.2	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.10 ng

RT: 8.83 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

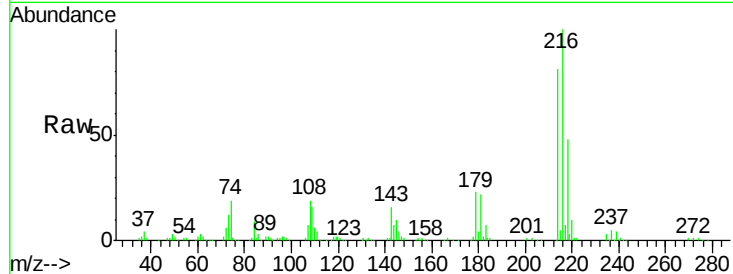
BNA_F

ClientSampleId :

PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	391303		
214	79.6	63.5	95.3	
179	22.2	19.1	28.7	
108	20.2	17.5	26.3	

Manual Integrations
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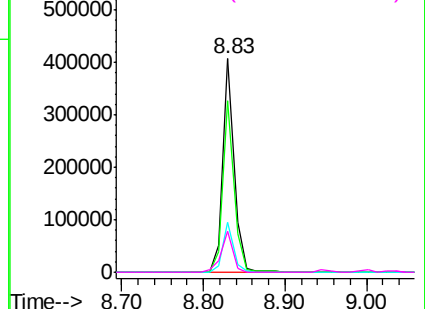
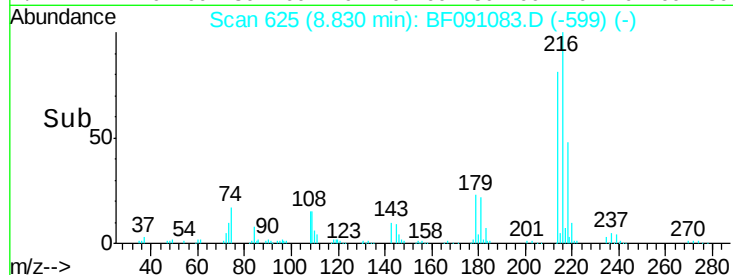


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

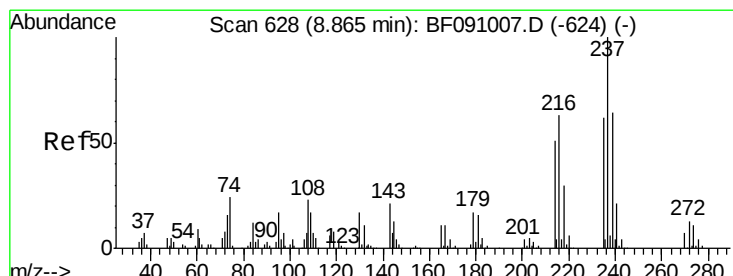
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 79.44 ng

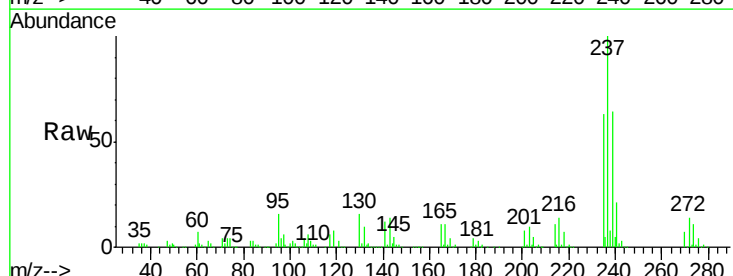
RT: 8.82 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

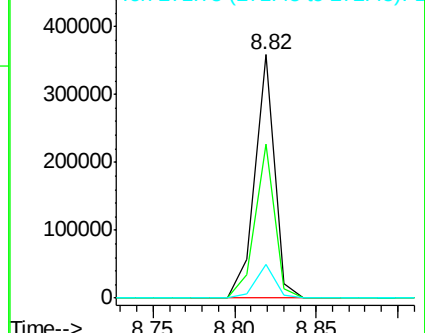
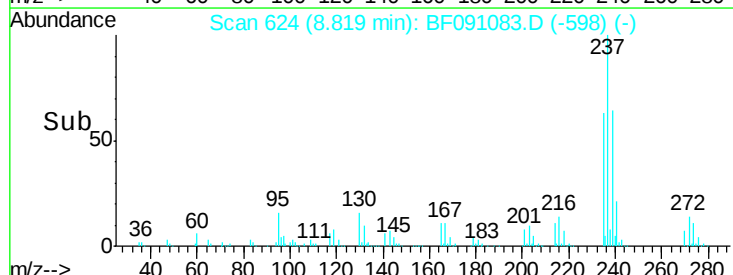
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	300491		
235	63.1	42.1	82.1	
272	13.6	0.0	33.1	

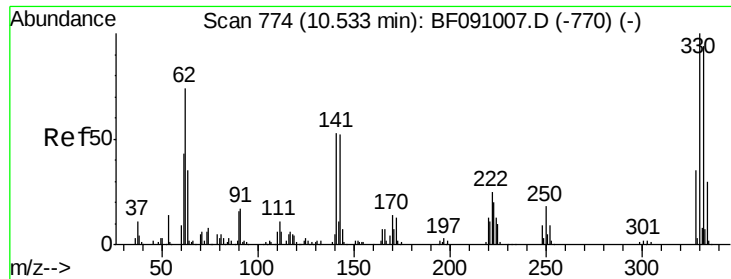


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



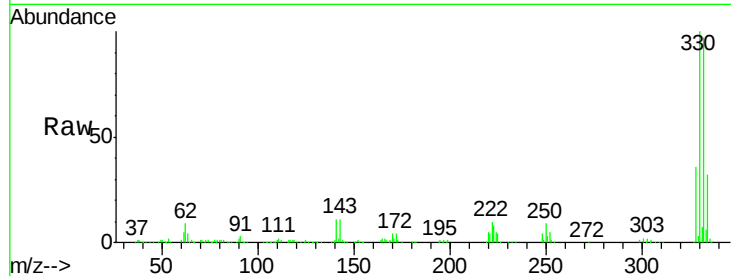


#41
 2,4,6-Tribromophenol
 Concen: 144.79 ng
 RT: 10.50 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampled :
 PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	75.9	113.9	
141	30.0	36.1	54.1	

Manual Integrations
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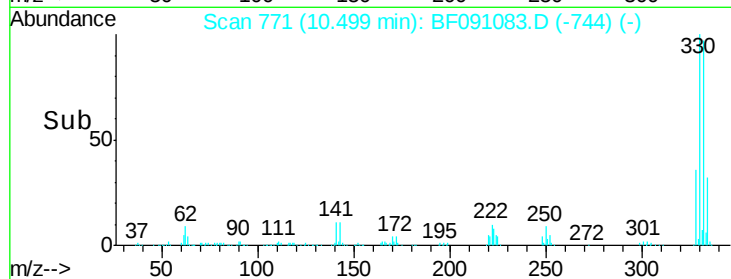
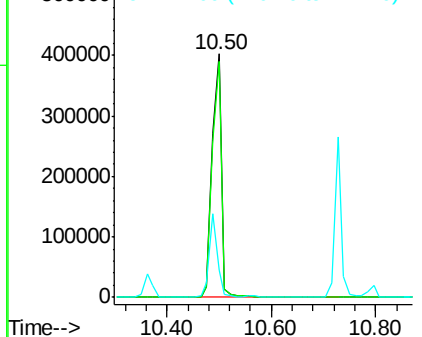


Abundance

Ion 329.80 (329.50 to 330.50): E

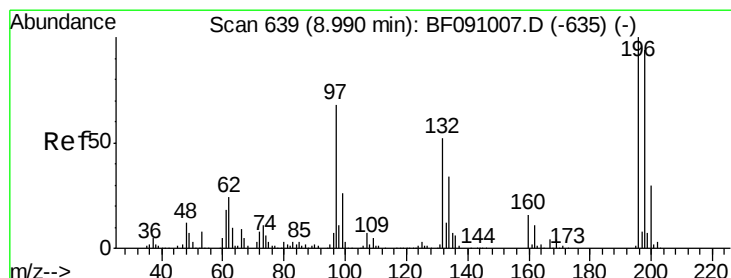
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#42
 2,4,6-Trichlorophenol
 Concen: 41.13 ng
 RT: 8.94 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

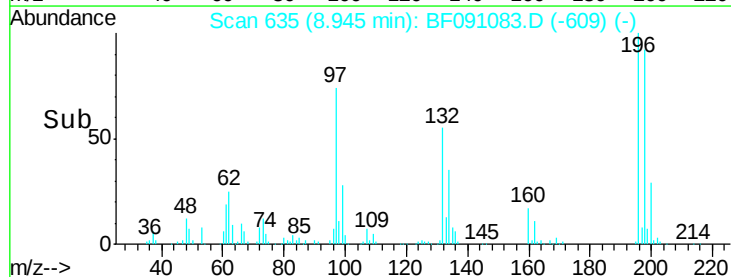
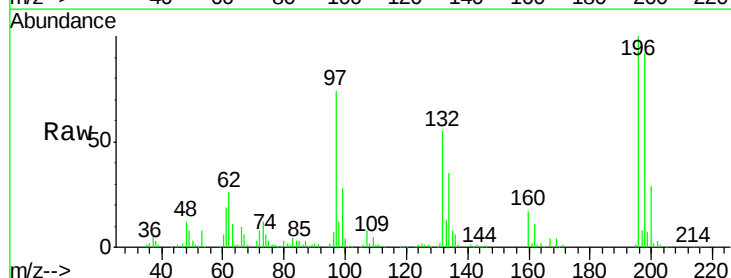
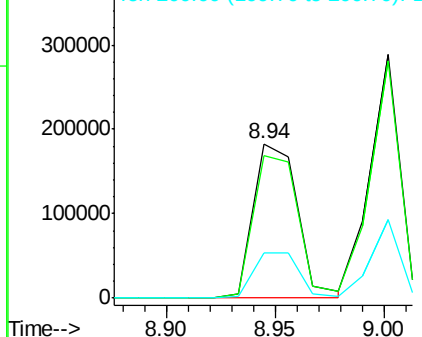
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.3	75.4	113.0	
200	29.1	24.1	36.1	

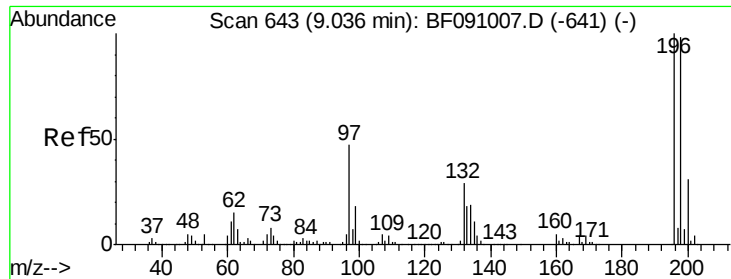
Abundance

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



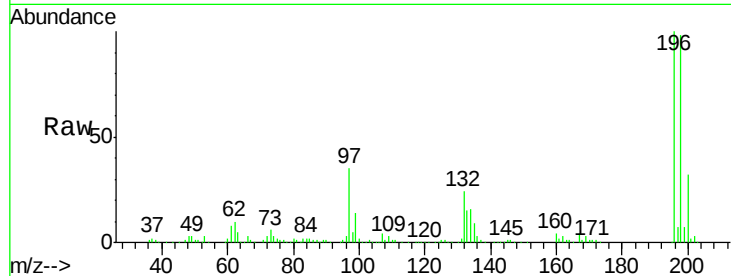


#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 9.00 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

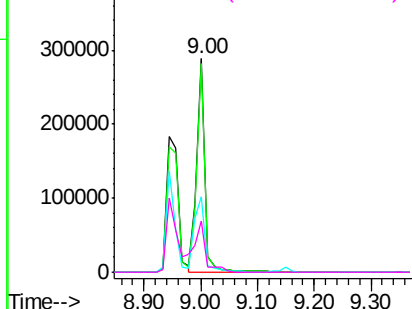
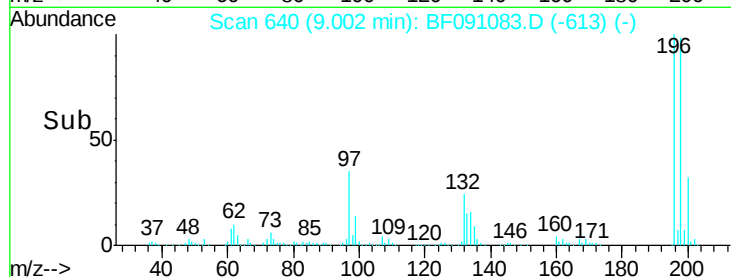
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	291550		
198	97.6		78.2	117.4
97	35.4		38.8	58.2#
132	23.9		23.5	35.3

Manual Integrations
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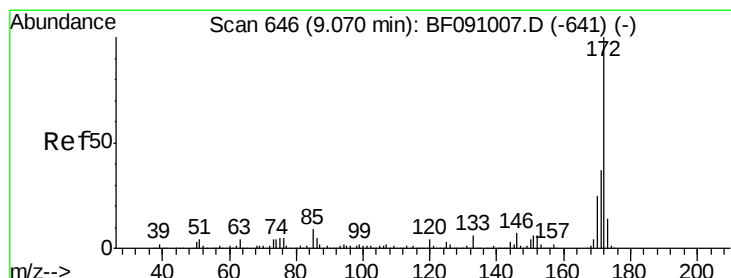


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



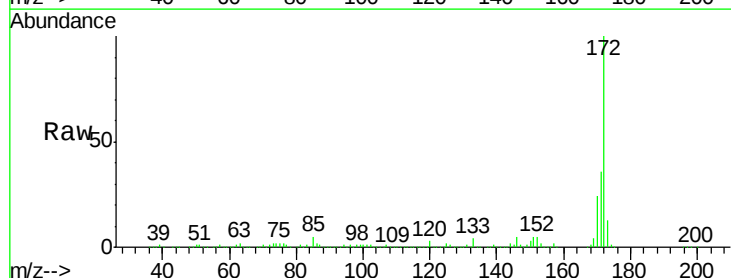
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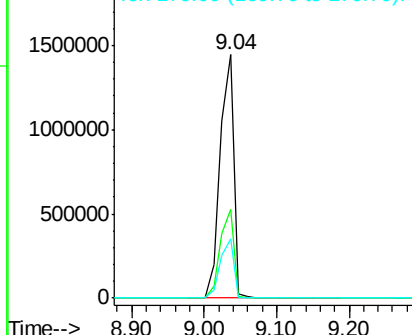
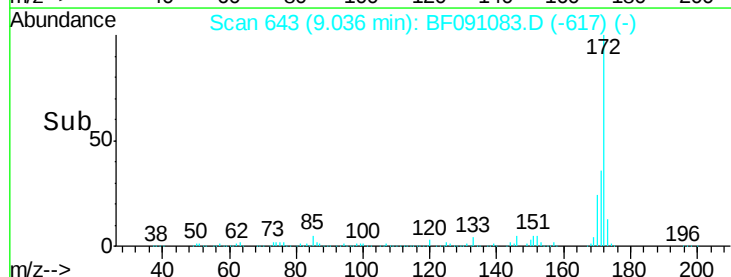


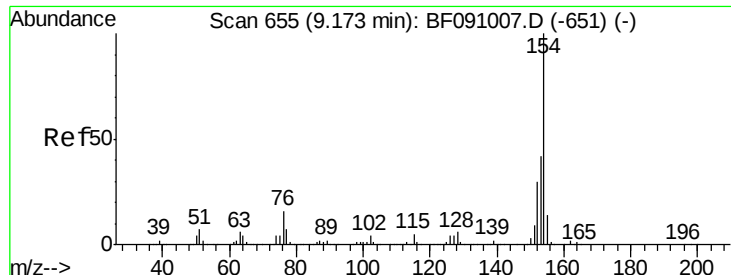
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1885931		
171	36.5		29.8	44.6
170	24.5		20.3	30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



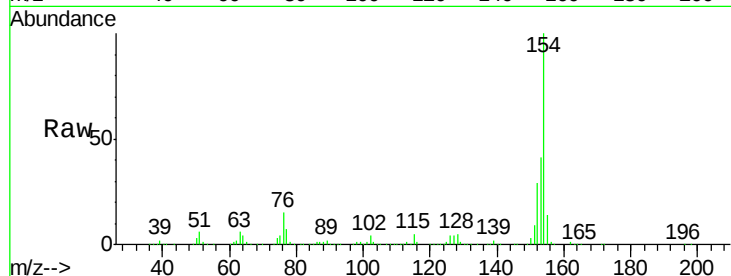


#45
 1,1'-Biphenyl
 Concen: 37.06 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

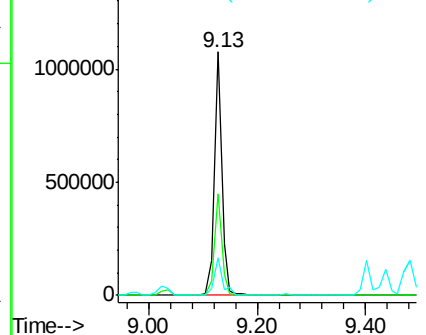
Instrument :
 BNA_F
 ClientSampled :
 PB94597BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	15.3	0.0	36.2

Manual Integrations
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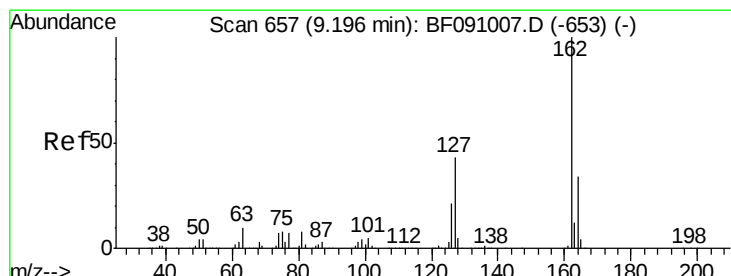
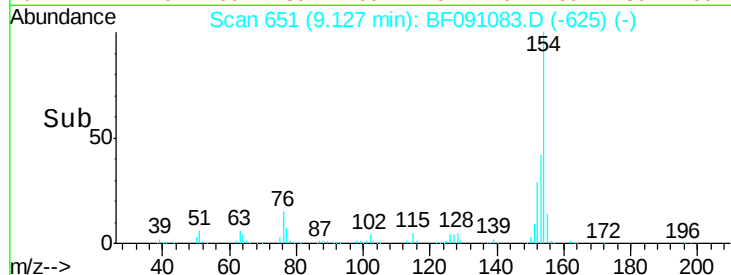


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



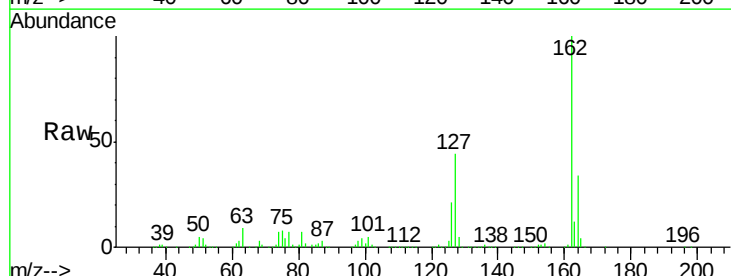
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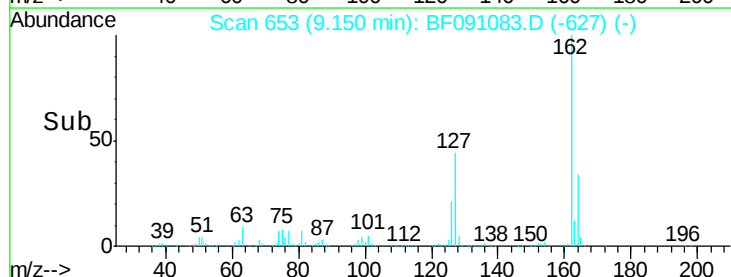
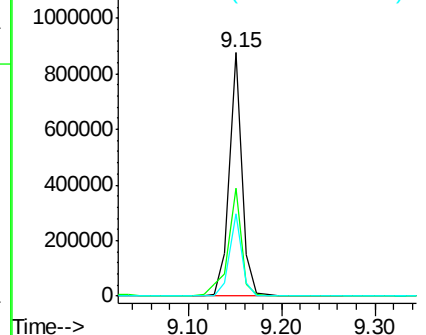


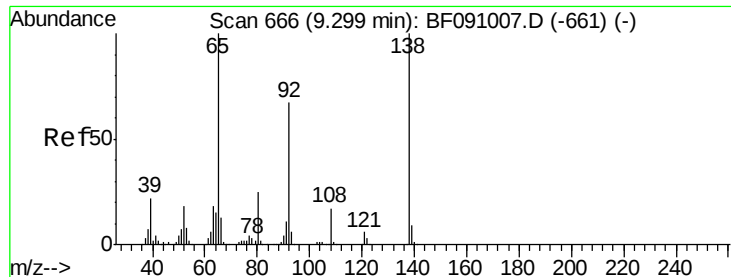
#46
 2-Chloronaphthalene
 Concen: 39.24 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	34.7	52.1
164	33.9	27.0	40.4



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: 31.52 ng

RT: 9.25 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

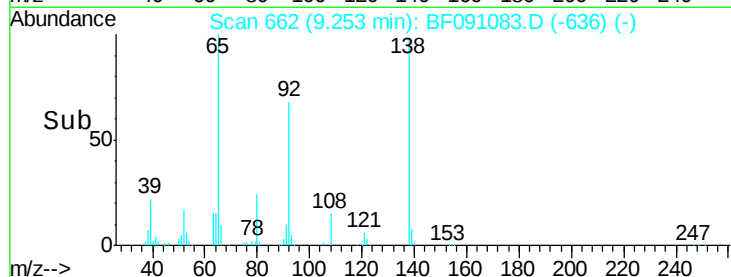
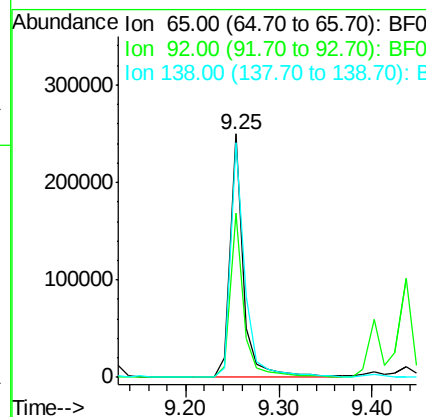
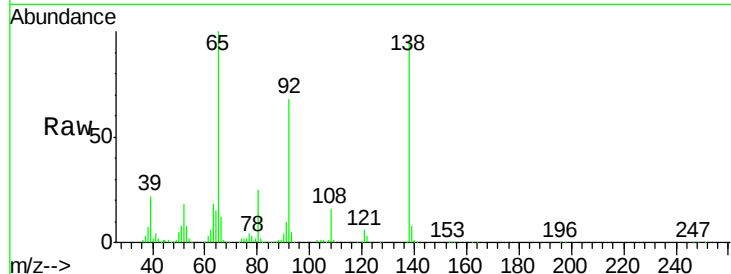
BNA_F

ClientSampled :

PB94597BS

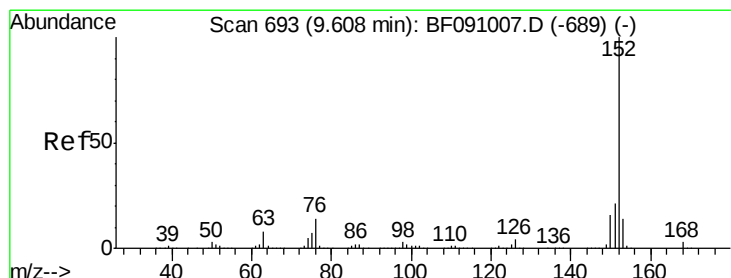
Tot Ion:	65	Resp:	248241
Ion Ratio	Lower	Upper	
65	100		
92	67.7	53.9	80.9
138	96.2	80.1	120.1

Manual Integrations
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#48

Acenaphthylene

Concen: 38.53 ng

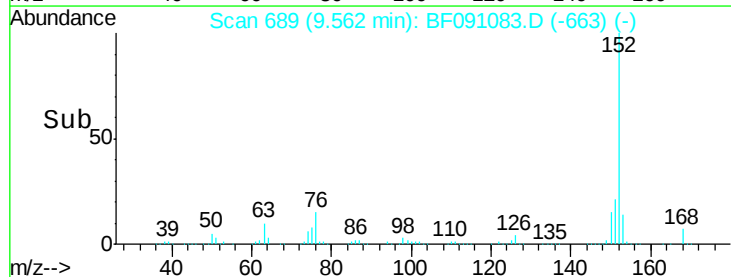
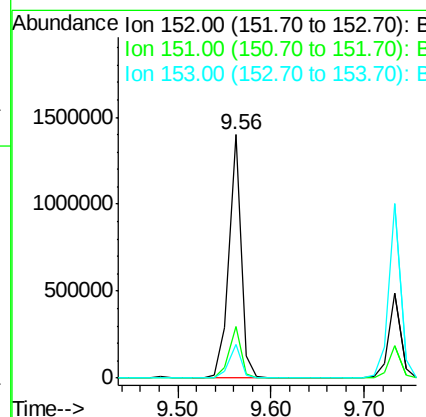
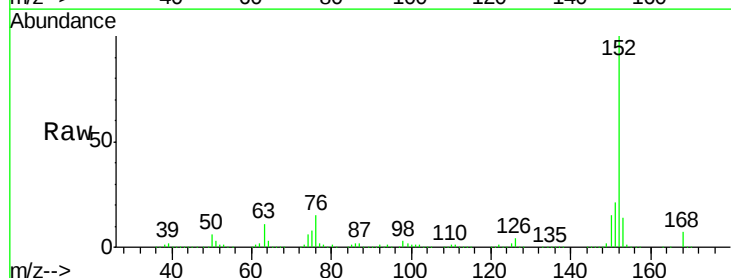
RT: 9.56 min Scan# 689

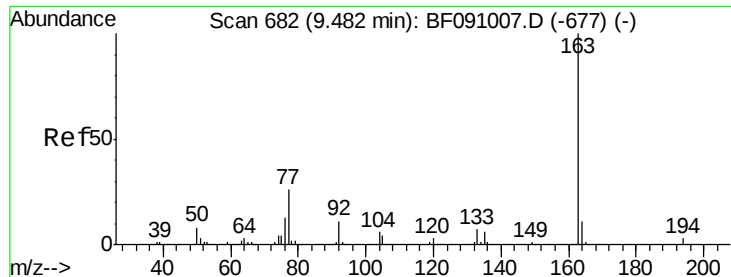
Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Tgt Ion:	152	Resp:	1274178
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.7	25.1
153	13.9	11.1	16.7



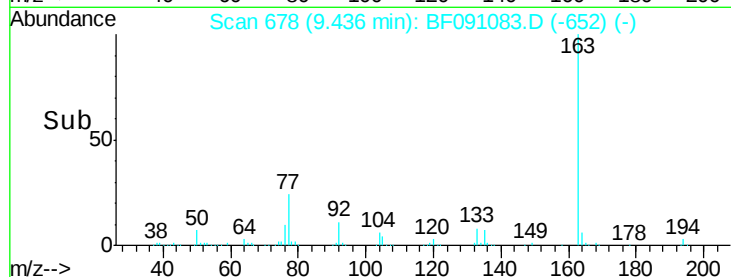
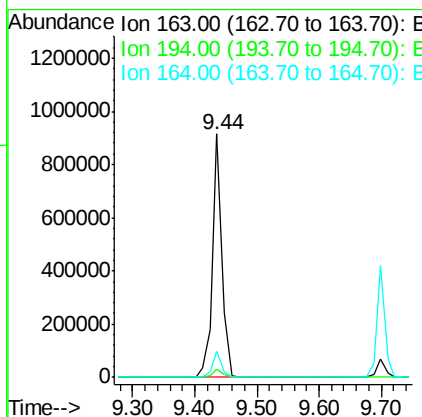
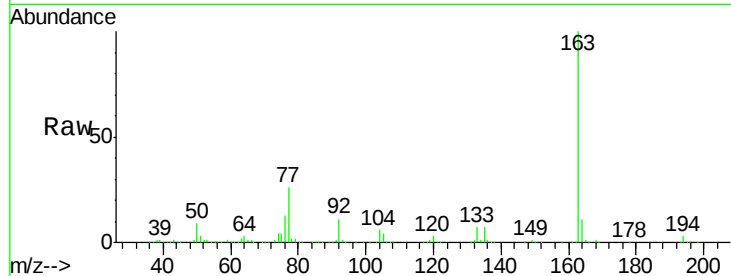


#49
Dimethylphthalate
Concen: 38.14 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

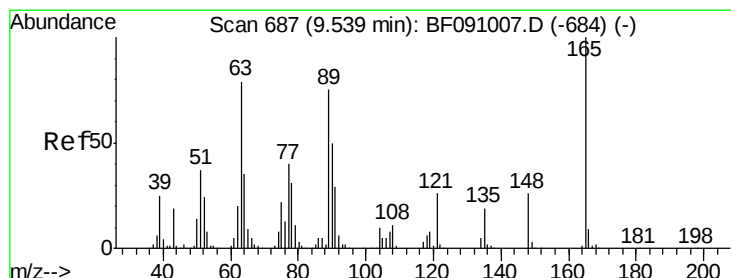
Tot Ion	Ratio	Resp	Lower	Upper
163	100	957199		
194	3.1		2.6	4.0
164	10.8		8.7	13.1

Manual Integrations
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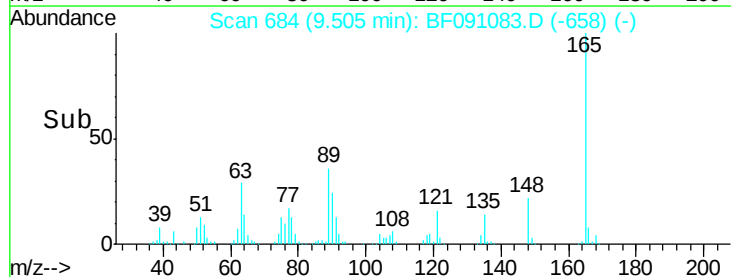
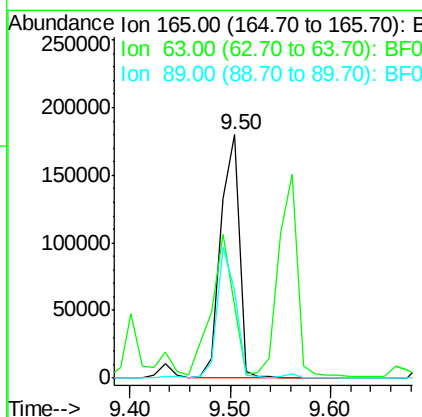
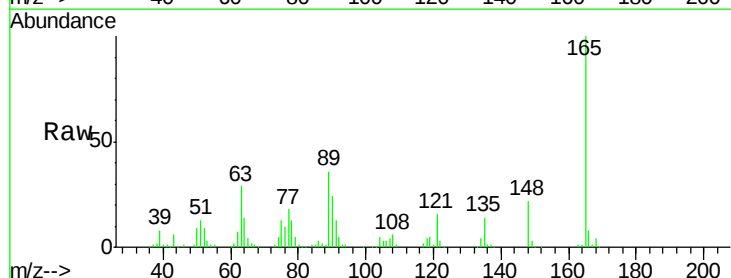
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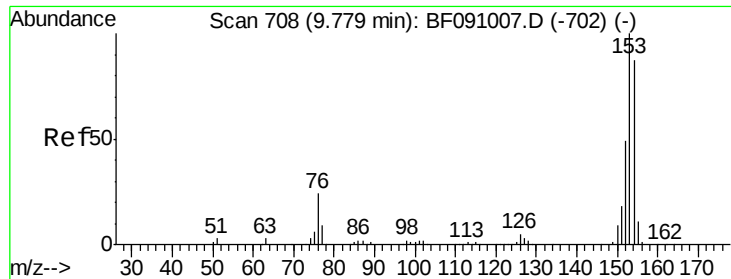
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#50
2,6-Dinitrotoluene
Concen: 43.04 ng
RT: 9.50 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231517		
63	29.5		65.6	98.4#
89	35.7		59.8	89.6#





#51

Acenaphthene

Concen: 38.13 ng

RT: 9.73 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

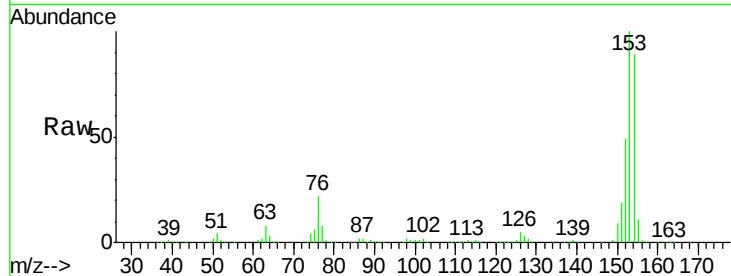
BNA_F

ClientSampleId :

PB94597BS

Tot Ion:	154	Resp:	791607
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.6	137.4
152	54.8	44.6	67.0

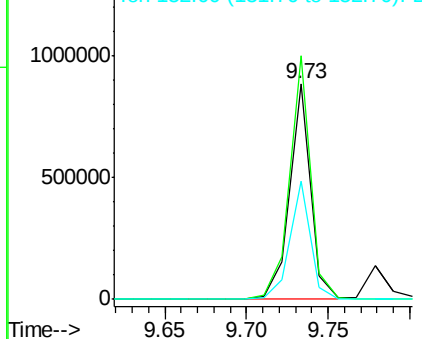
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E

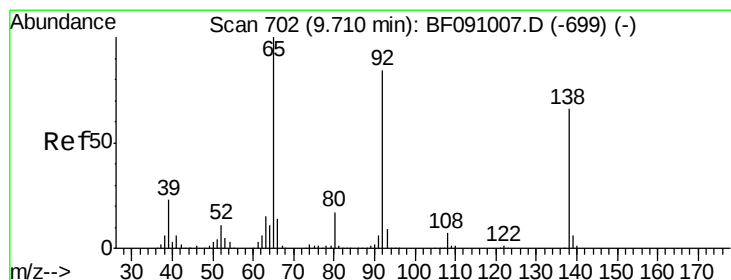
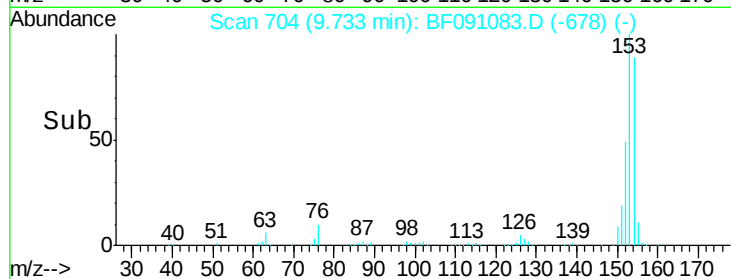
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 10.22 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF091083.D

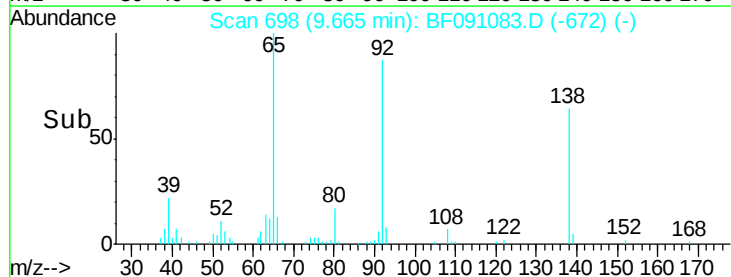
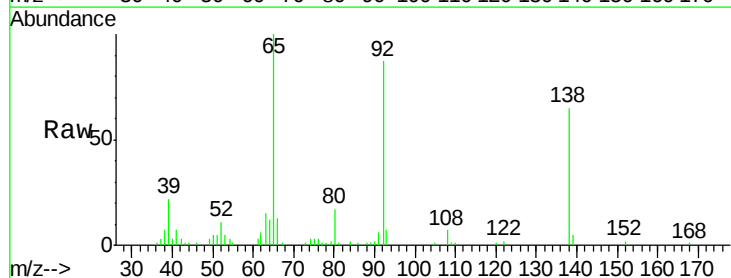
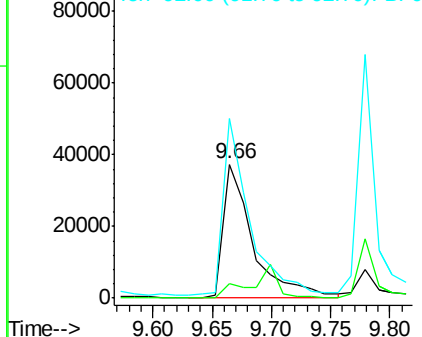
Acq: 8 Nov 2016 15:46

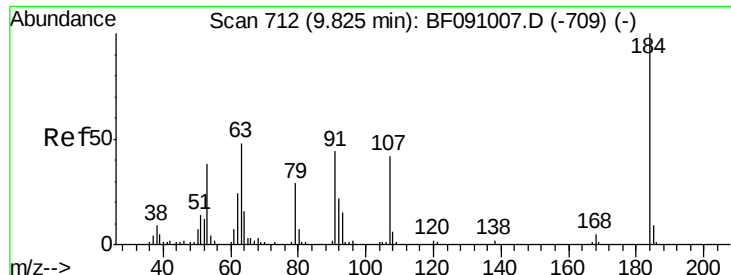
Tgt Ion:	138	Resp:	65214
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.4	12.6
92	134.0	101.1	151.7

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



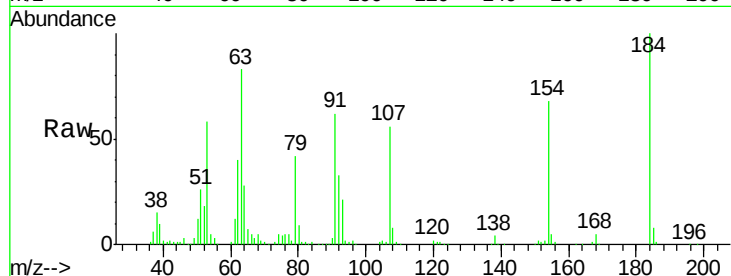


#53
2,4-Dinitrophenol
Concen: 81.30 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

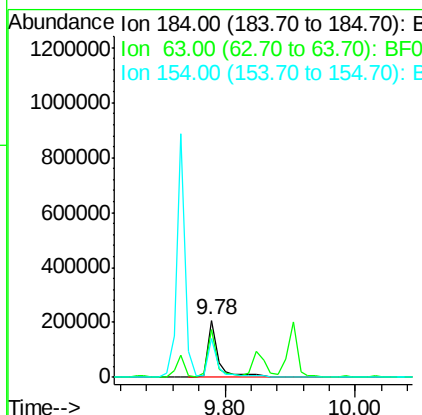
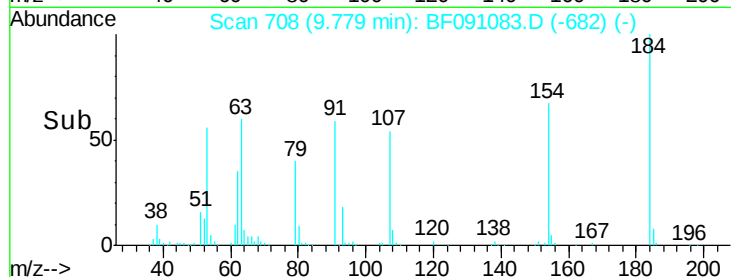
Instrument :
BNA_F
ClientSampleId :
PB94597BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.2	45.5	68.3#
154	67.6	51.0	76.4

Manual Integrations
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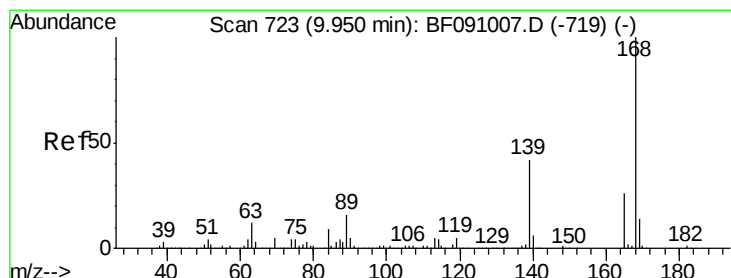


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



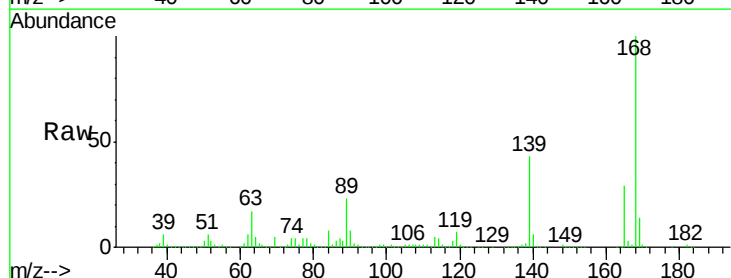
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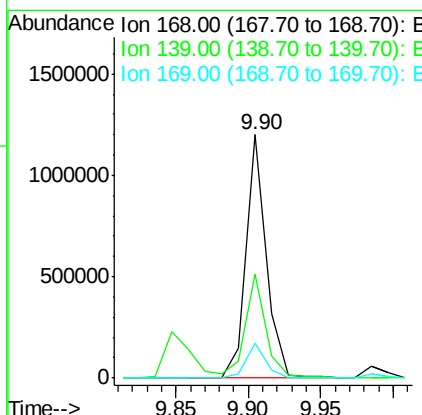
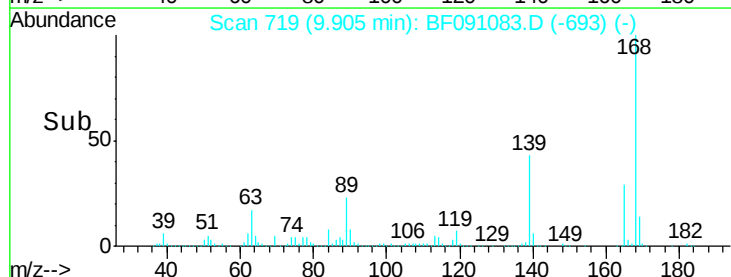


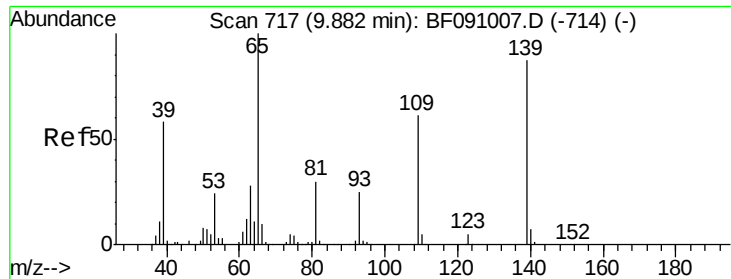
#54
Dibenzofuran
Concen: 41.74 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	34.8	52.2
169	14.2	11.4	17.2



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



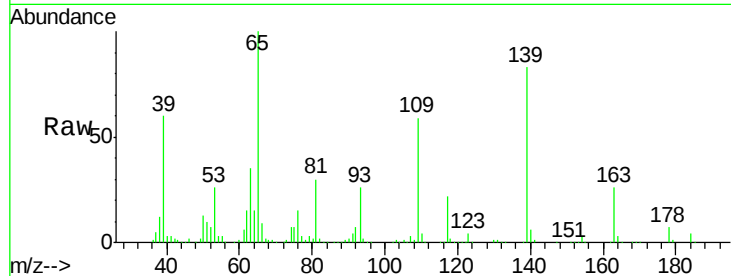


#55
4-Nitrophenol
Concen: 70.30 ng
RT: 9.85 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

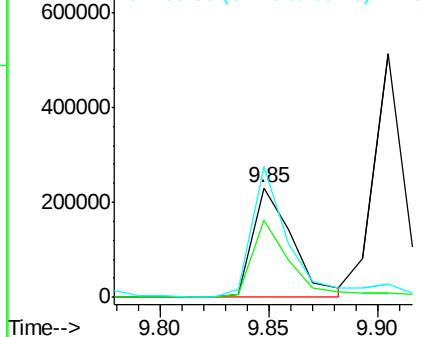
Instrument :
BNA_F
ClientSampled :
PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	295441		
109	71.2	50.5	90.5	
65	119.9	97.1	137.1	

Manual Integrations
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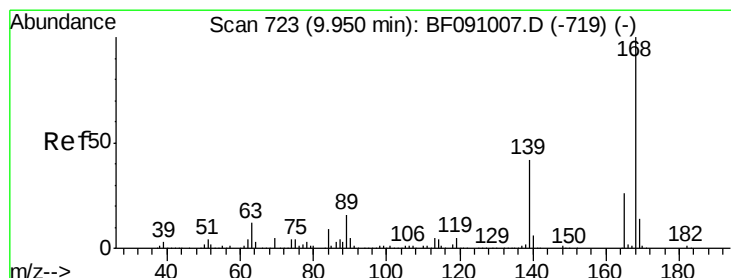
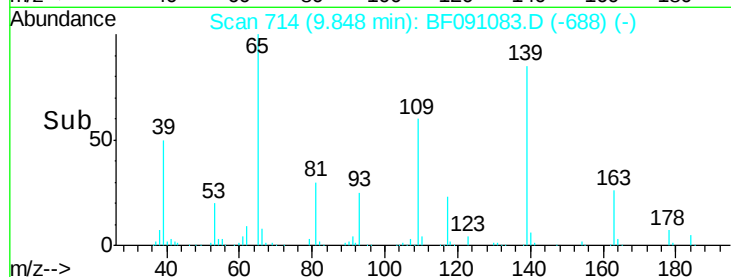


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



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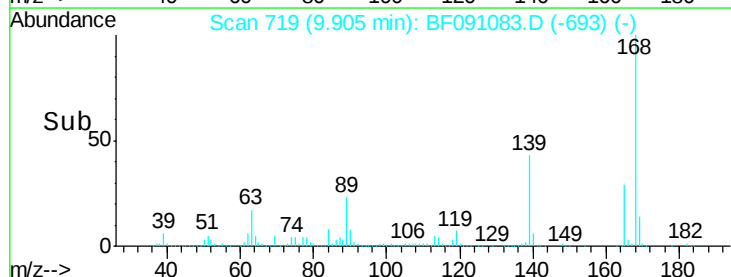
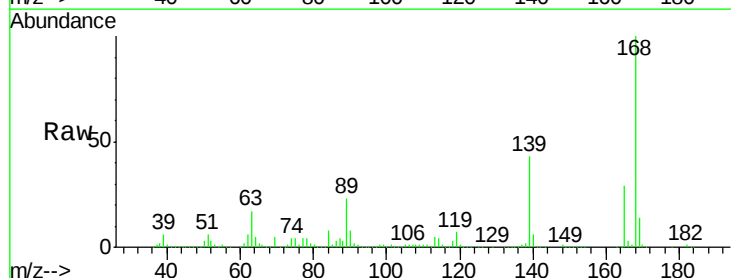
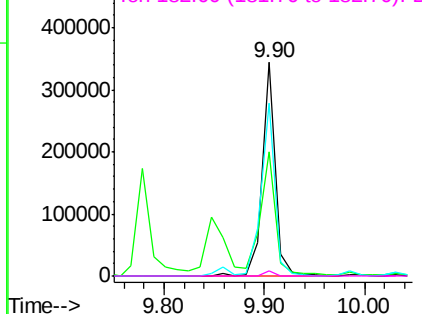
11/9/2016 10:56:49 AM

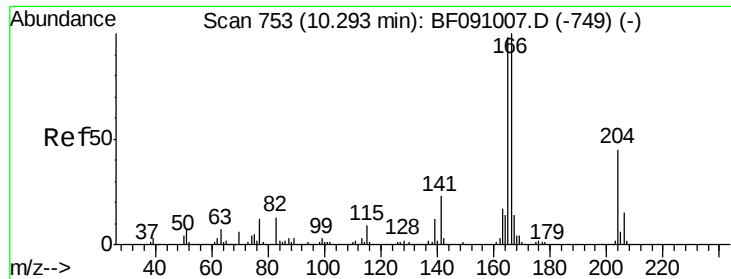


#56
2,4-Dinitrotoluene
Concen: 45.15 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	309017		
63	58.0	38.7	58.1	
89	80.6	50.6	76.0	
182	2.3	1.8	2.8	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



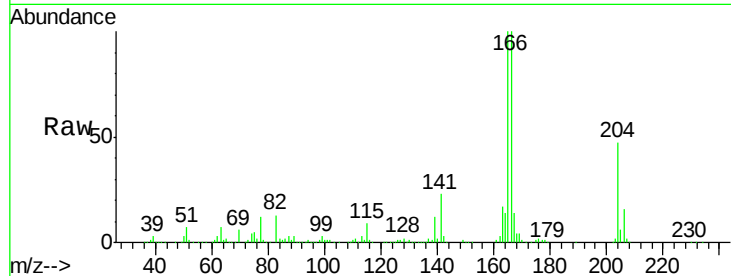


#57
 Fluorene
 Concen: 41.20 ng
 RT: 10.25 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

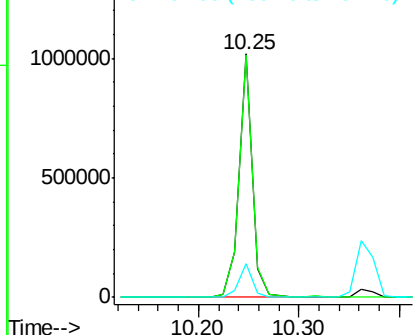
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	14.0	11.1	16.7

Manual Integrations
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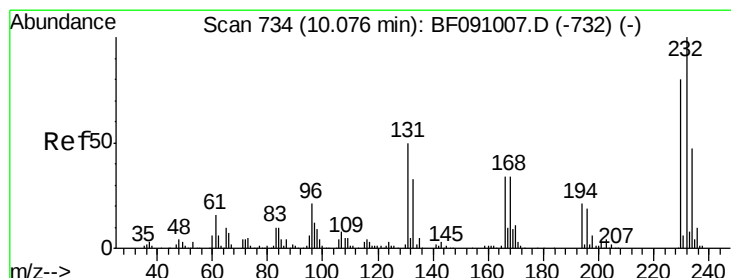
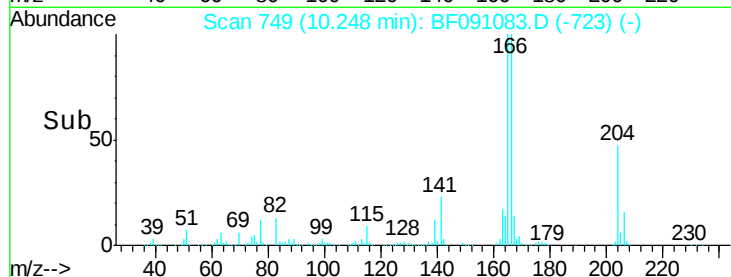


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



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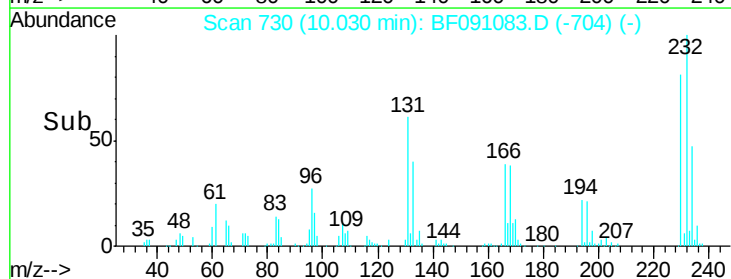
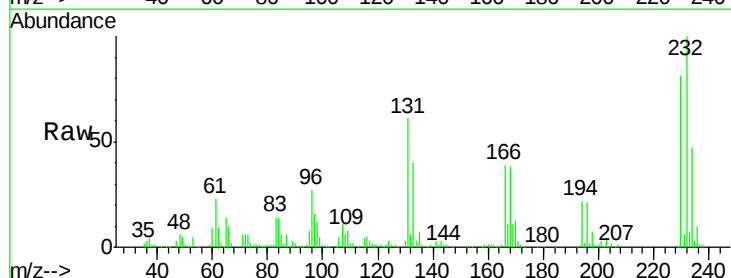
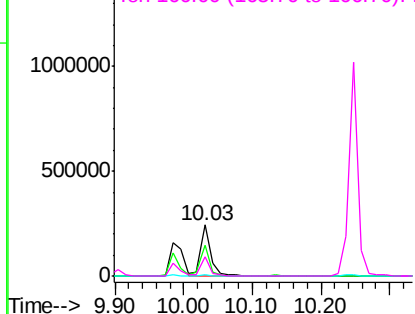
11/9/2016 10:56:49 AM

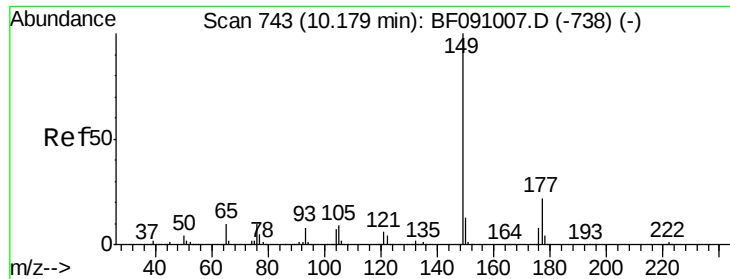


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.35 ng
 RT: 10.03 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.2	43.6	65.4
130	2.7	2.0	3.0
166	34.8	27.4	41.2

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



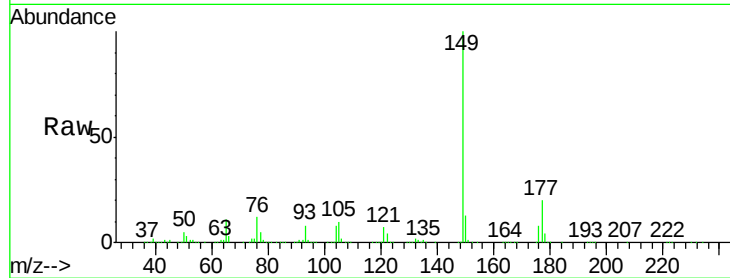


#59
Diethylphthalate
Concen: 38.81 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

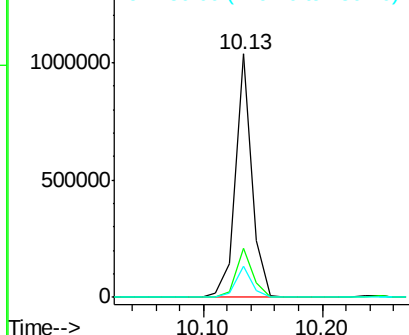
Instrument :
BNA_F
ClientSampled :
PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	998695		
177	20.3		17.3	25.9
150	12.9		10.3	15.5

Manual Integrations
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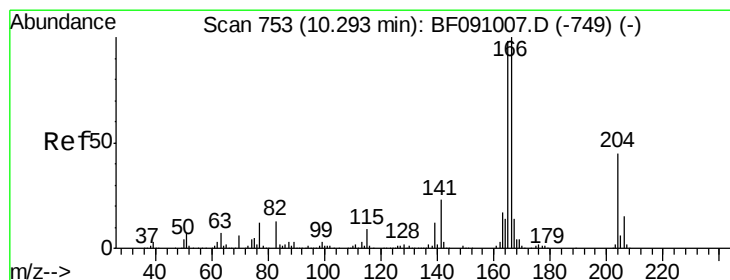
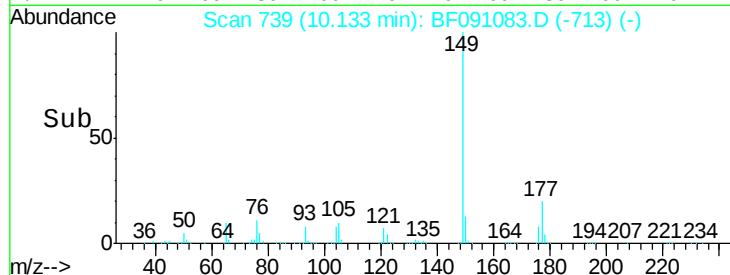


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



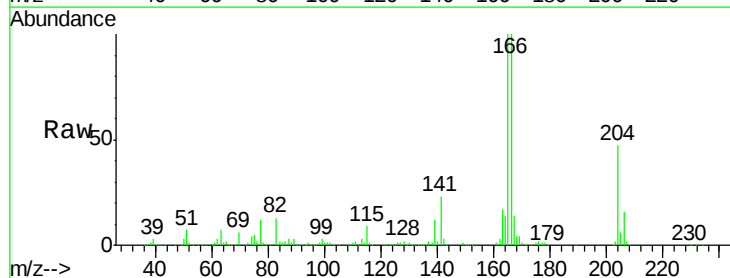
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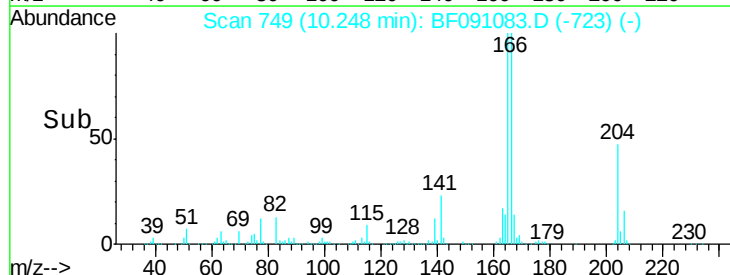
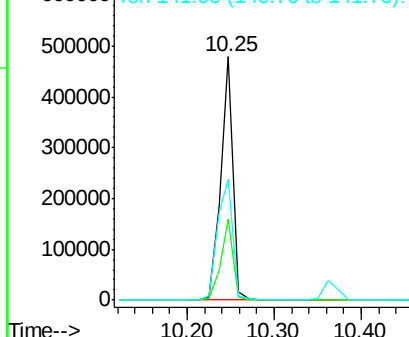


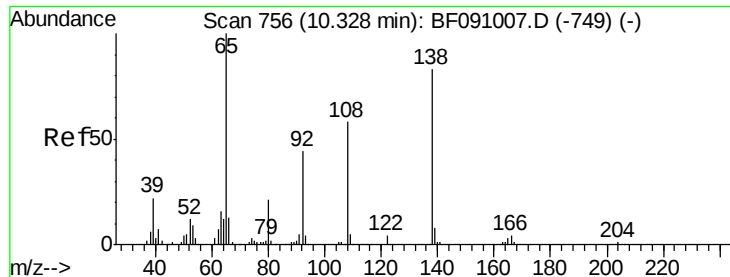
#60
4-Chlorophenyl-phenylether
Concen: 46.02 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	478484		
206	33.2		27.1	40.7
141	49.5		40.1	60.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



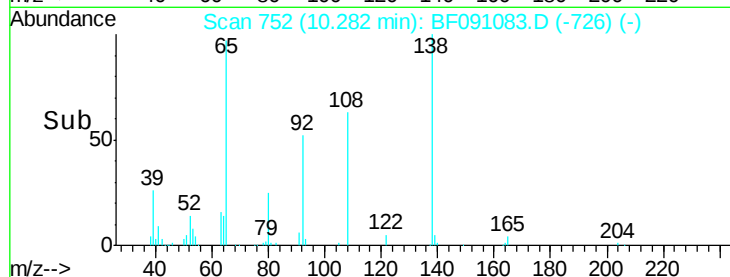
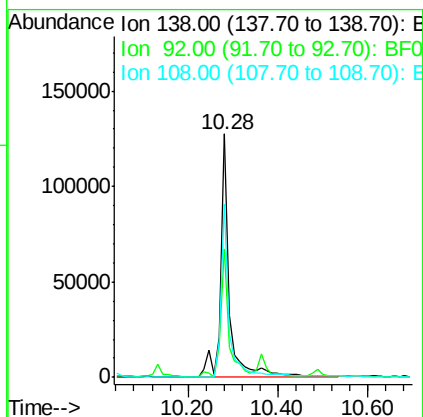
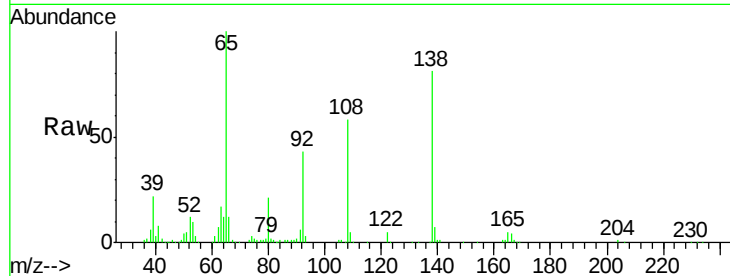


#61
4-Nitroaniline
Concen: 27.82 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

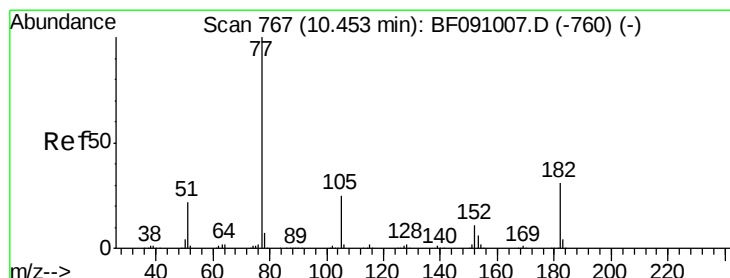
Tot Ion	Ratio	Lower	Upper
138	100		
92	52.6	32.5	72.5
108	71.2	49.4	89.4

Manual Integrations
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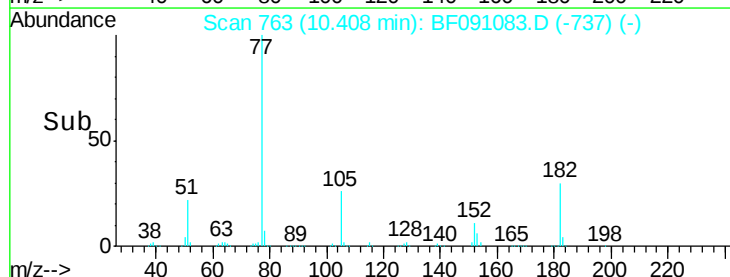
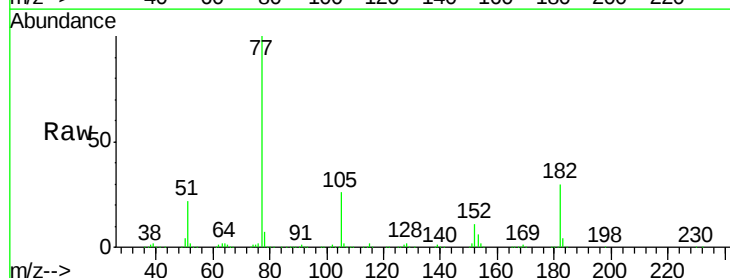
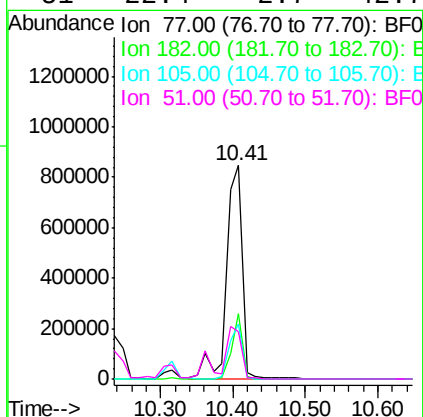
umangi

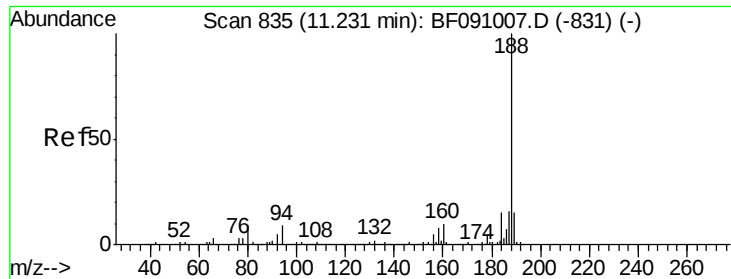
11/9/2016 10:56:49 AM



#62
Azobenzene
Concen: 41.95 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.3	11.0	51.0
105	25.7	5.6	45.6
51	22.4	2.7	42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

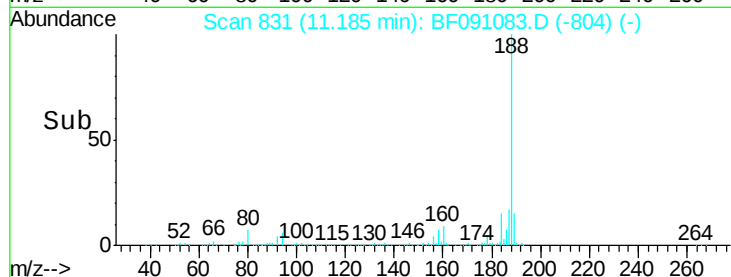
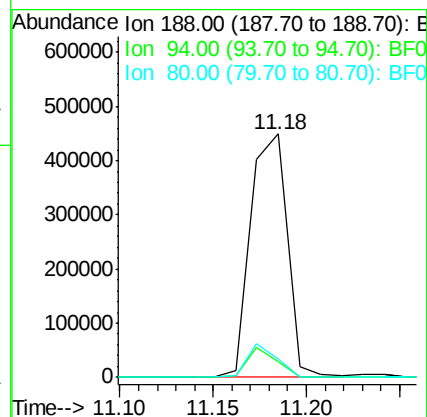
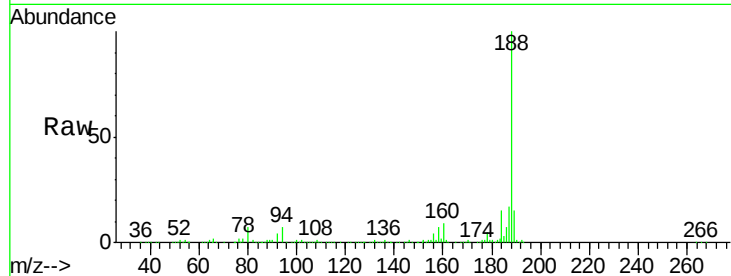
BNA_F

ClientSampleId :

PB94597BS

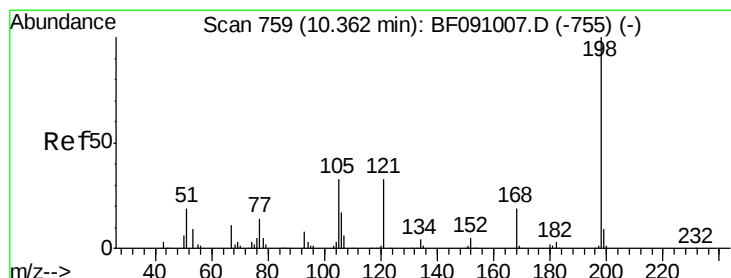
Tot Ion:	188	Resp:	612151
Ion Ratio	Lower	Upper	
188	100		
94	6.6	7.0	10.4#
80	7.3	7.5	11.3#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.31 ng

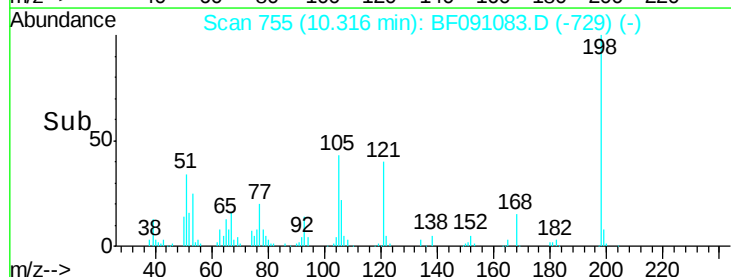
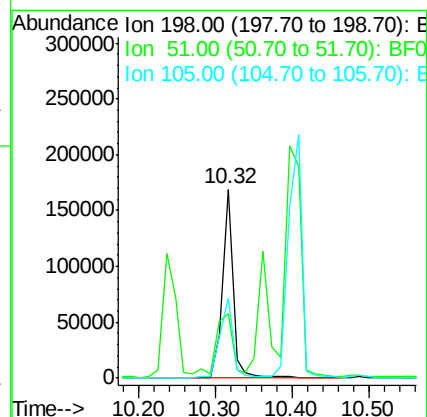
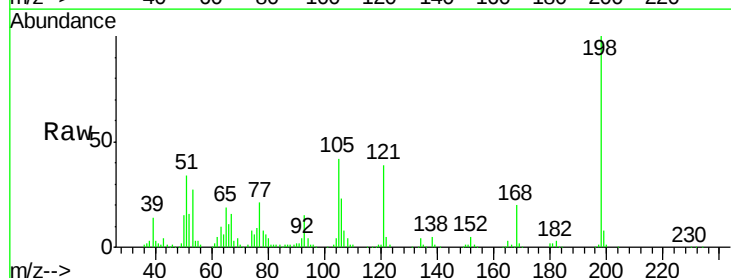
RT: 10.32 min Scan# 755

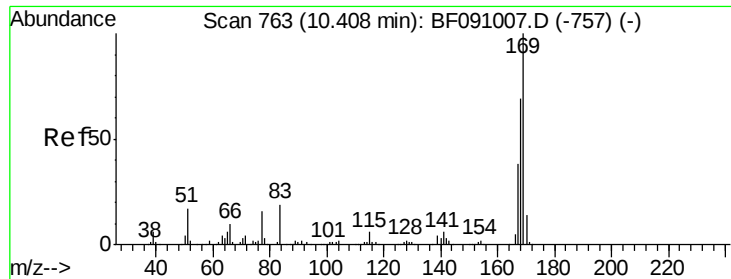
Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Tgt Ion:	198	Resp:	166096
Ion Ratio	Lower	Upper	
198	100		
51	34.0	5.9	45.9
105	42.2	13.8	53.8



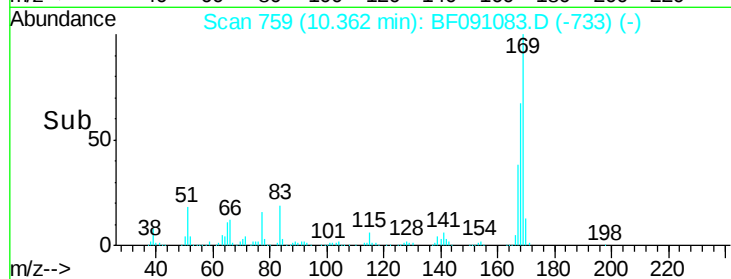
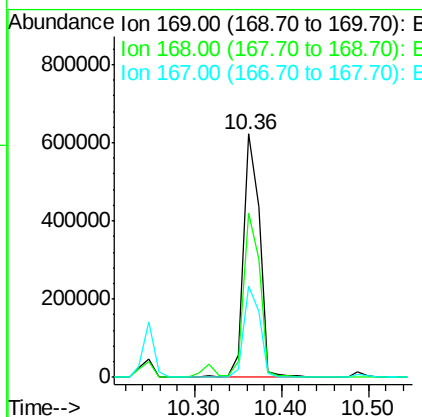
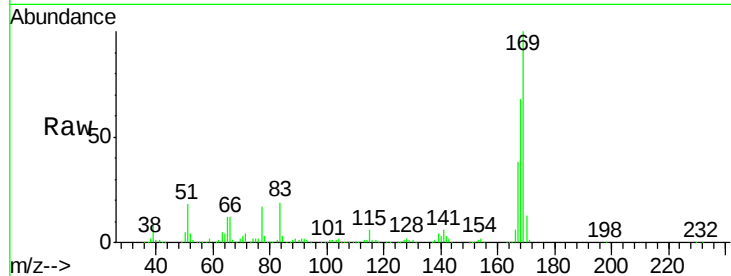


#65
n-Nitrosodiphenylamine
Concen: 40.93 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

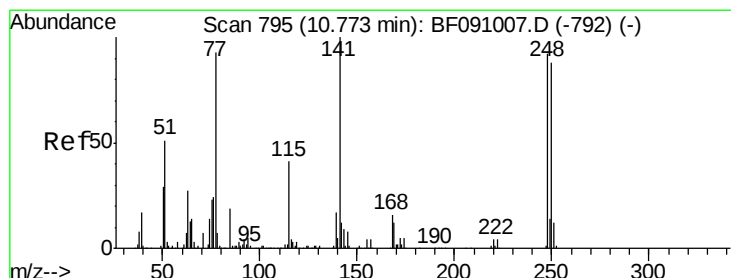
Tot Ion	Ratio	Resp	Lower	Upper
169	100	796356		
168	67.6		55.3	82.9
167	37.8		30.3	45.5

Manual Integrations
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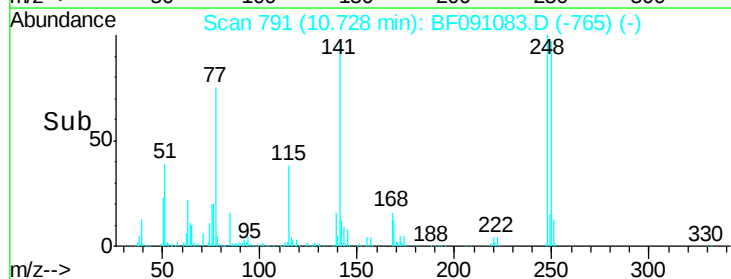
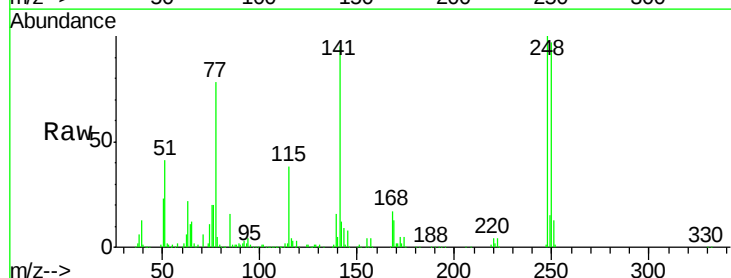
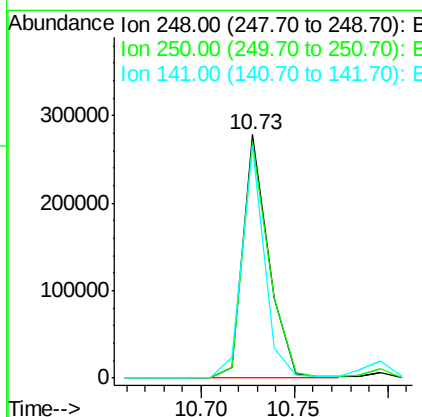
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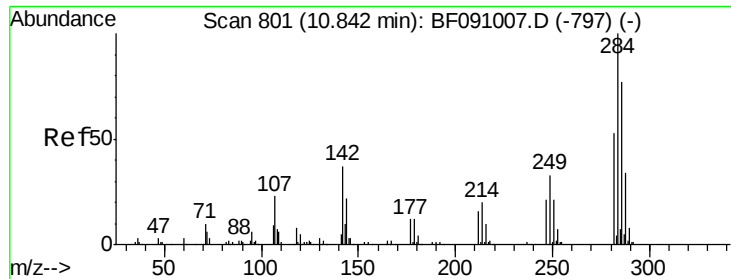
11/9/2016 10:56:49 AM



#66
4-Bromophenyl-phenylether
Concen: 42.12 ng
RT: 10.73 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	268221		
250	96.7		76.3	114.5
141	95.4		86.8	130.2



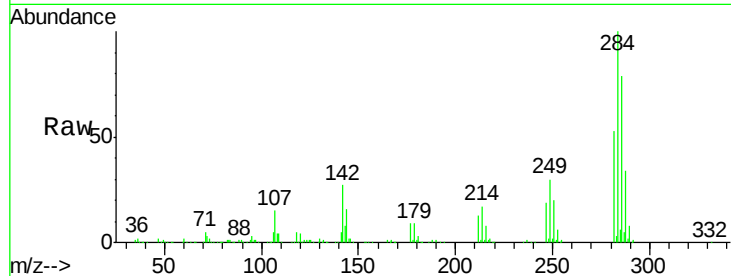


#67
Hexachlorobenzene
Concen: 48.76 ng
RT: 10.80 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

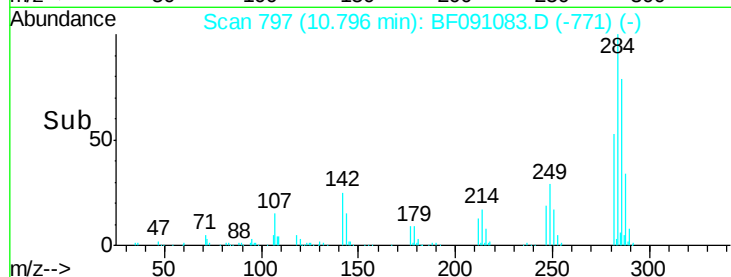
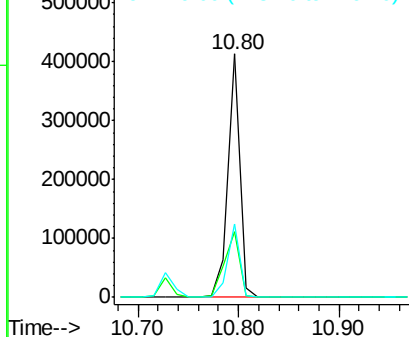
Instrument :
BNA_F
ClientSampleId :
PB94597BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.2	29.9	44.9	
249	30.3	26.6	39.8	

Manual Integrations
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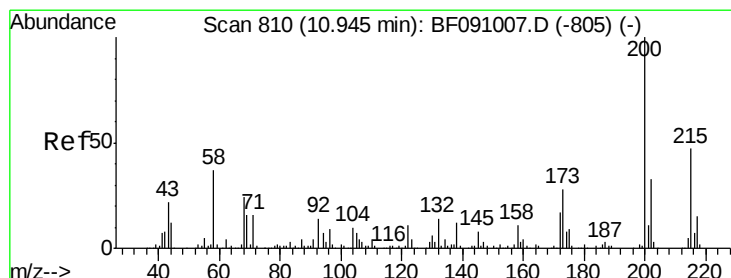


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



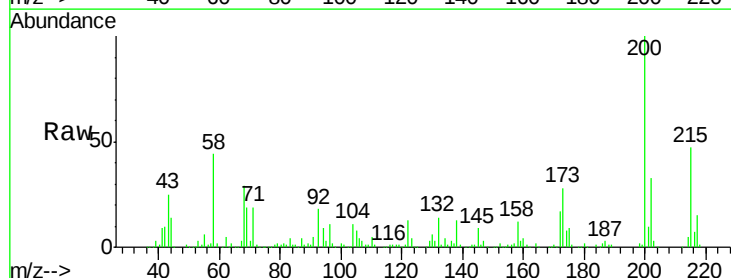
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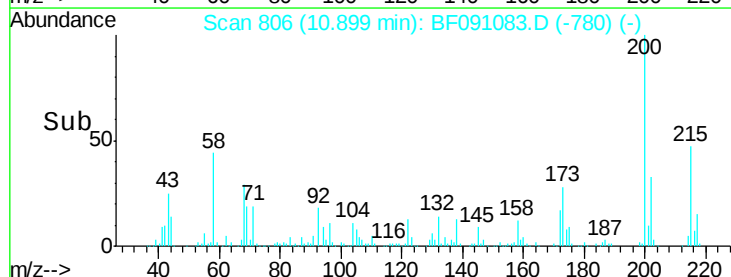
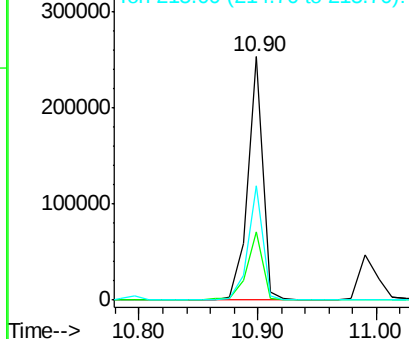


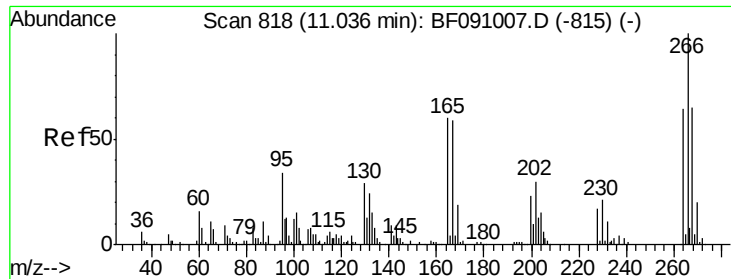
#68
Atrazine
Concen: 40.24 ng
RT: 10.90 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	8.1	48.1	
215	46.9	27.3	67.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



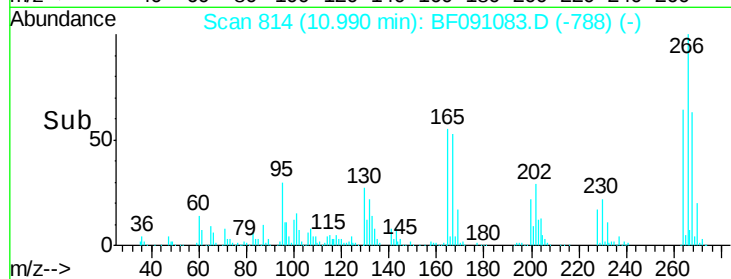
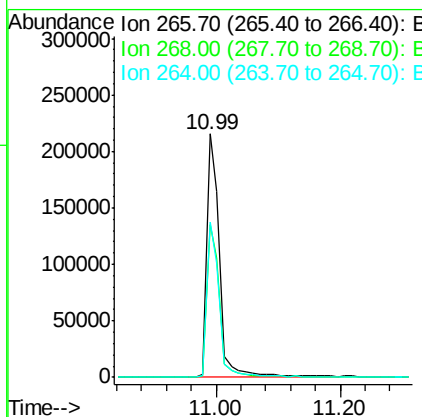
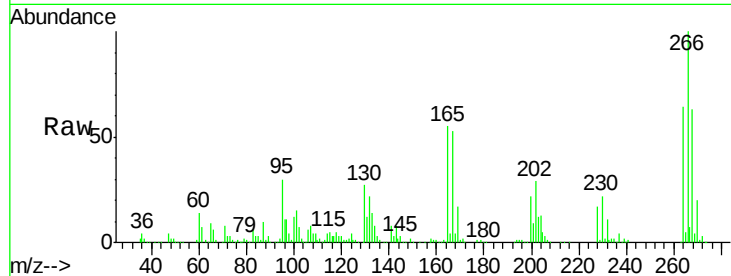


#69
 Pentachlorophenol
 Concen: 97.72 ng
 RT: 10.99 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

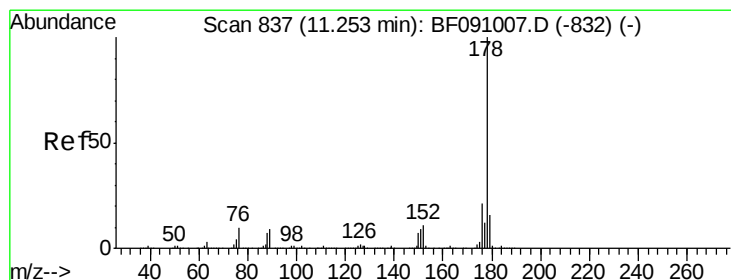
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.1	78.1
264	63.9	51.1	76.7

Manual Integrations
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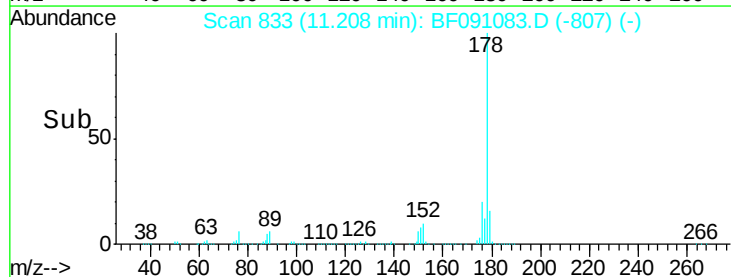
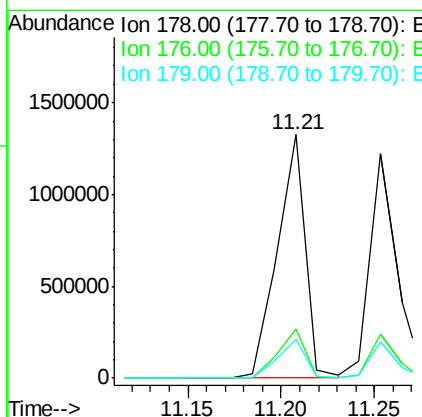
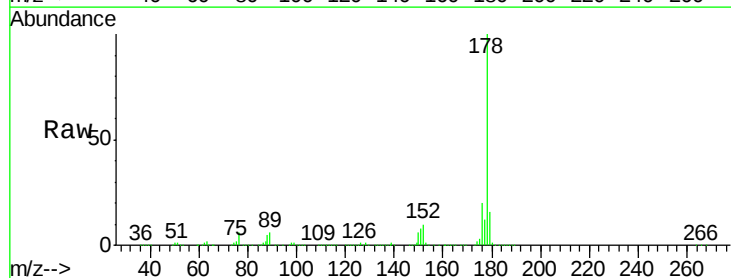
umangi

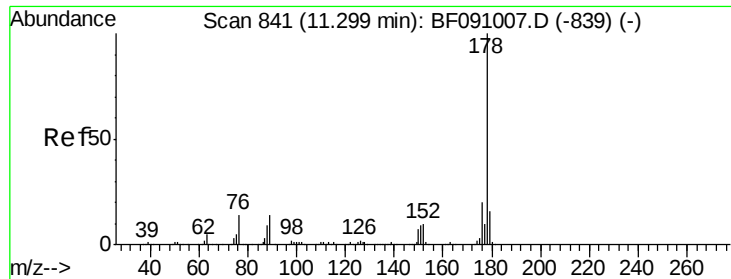
11/9/2016 10:56:49 AM



#70
 Phenanthrene
 Concen: 42.21 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.7	12.9	19.3



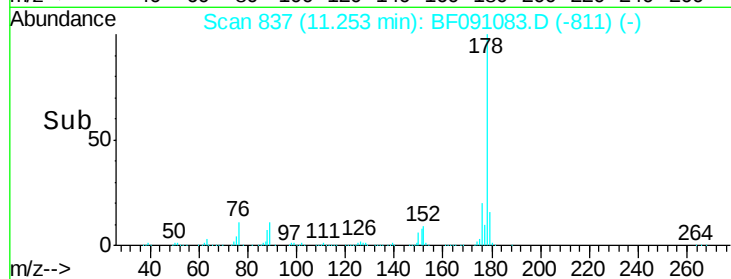
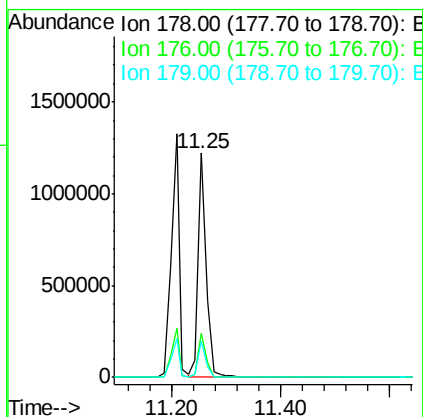
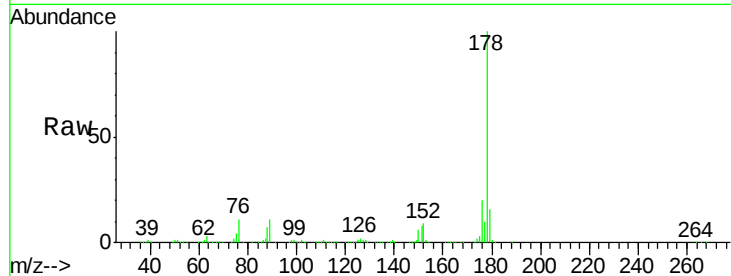


#71
 Anthracene
 Concen: 35.79 ng
 RT: 11.25 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

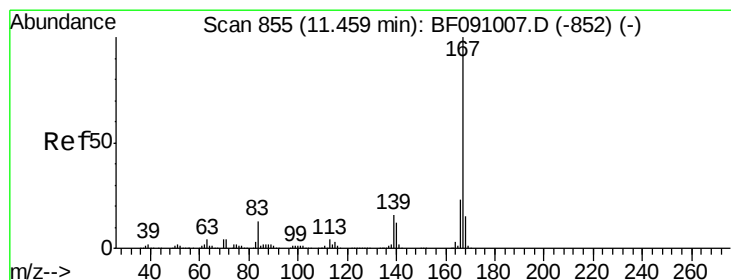
Tot Ion:178 Resp: 1238369
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.2 13.0 19.6

Manual Integrations
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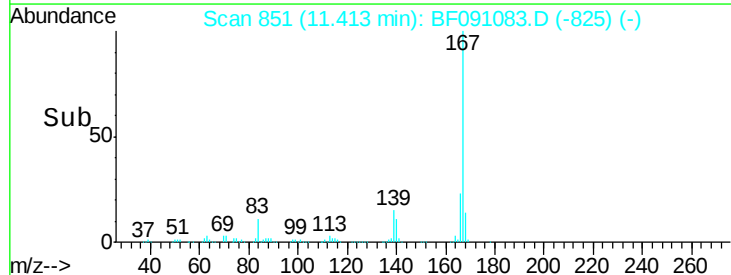
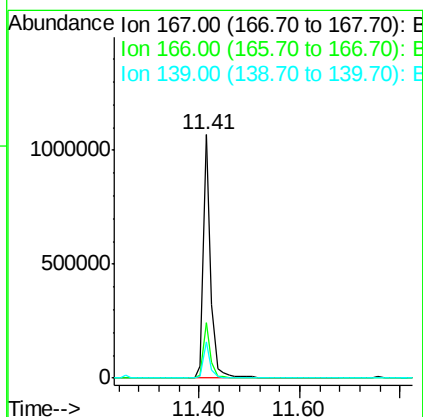
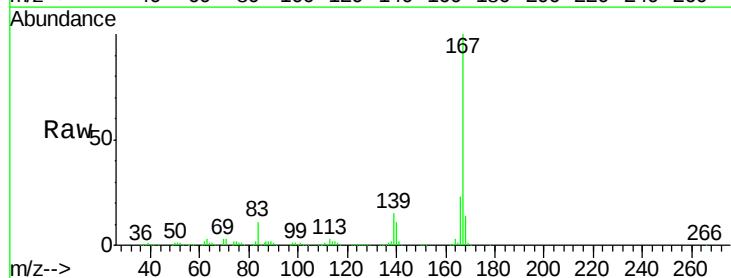
umangi

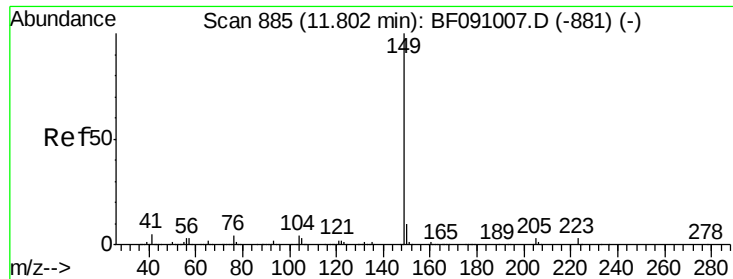
11/9/2016 10:56:49 AM



#72
 Carbazole
 Concen: 34.96 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion:167 Resp: 1090036
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 14.7 12.6 18.8





#73

Di-n-butylphthalate

Concen: 39.04 ng

RT: 11.76 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

BNA_F

ClientSampled :

PB94597BS

Tot Ion:149 Resp: 1530799

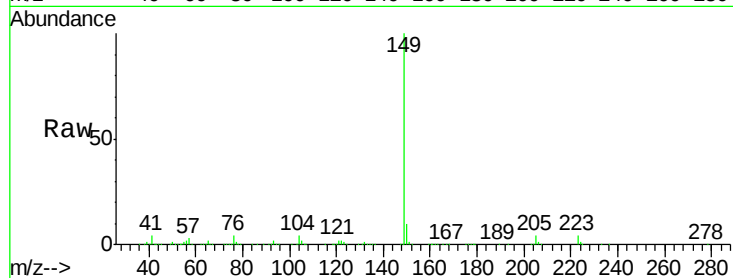
Ion Ratio Lower Upper

149 100

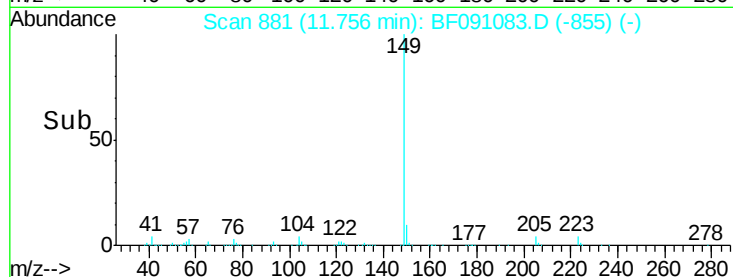
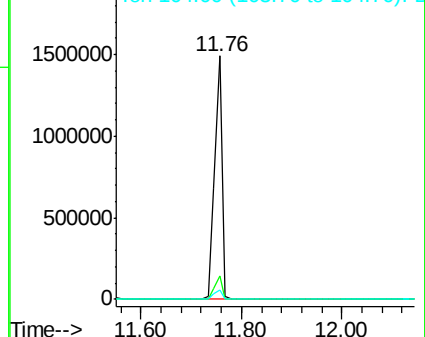
150 9.6 7.7 11.5

104 4.1 3.6 5.4

Manual Integrations
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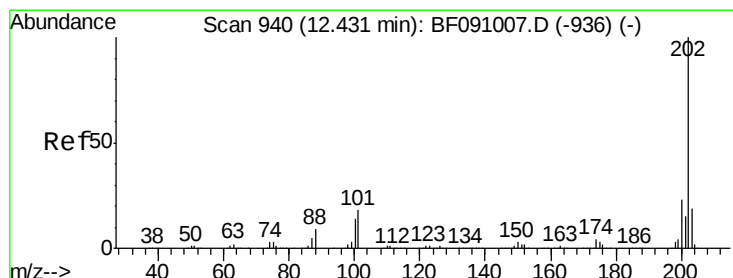


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 37.31 ng

RT: 12.38 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

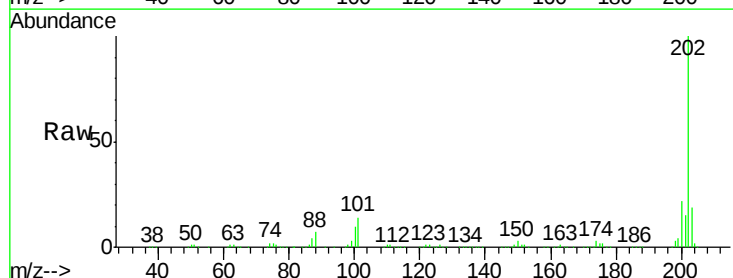
Tgt Ion:202 Resp: 1259070

Ion Ratio Lower Upper

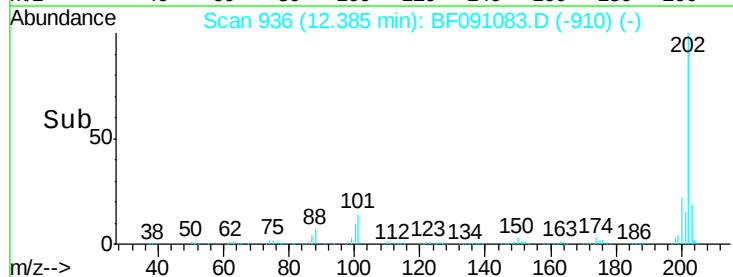
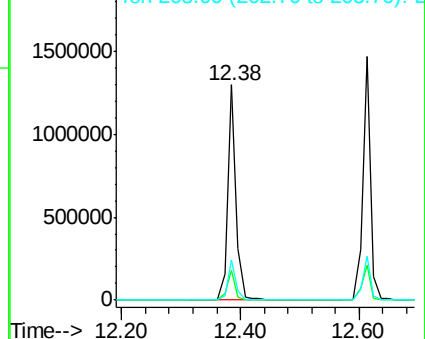
202 100

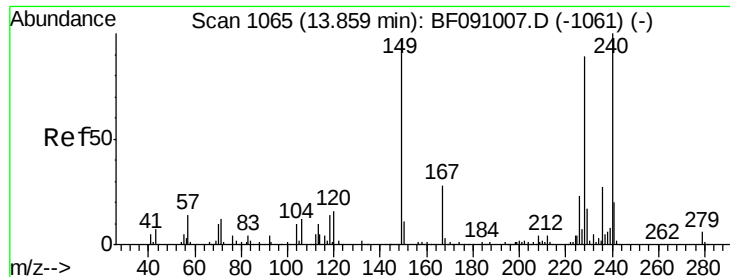
101 14.1 0.0 37.6

203 18.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF091083.D

Acq: 8 Nov 2016 15:46

Instrument :

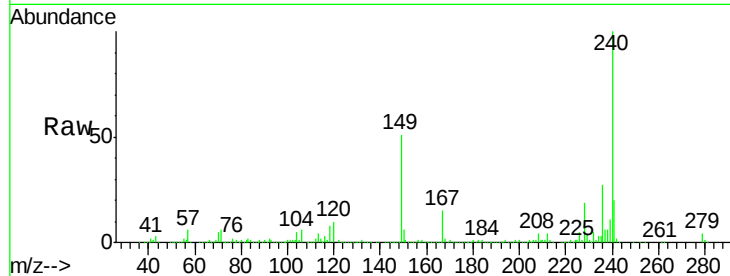
BNA_F

ClientSampled :

PB94597BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	27.2	21.9	32.9

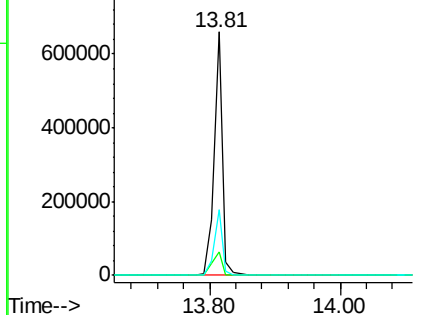
Manual Integrations
APPROVED



Abundance Ion 240.00 (239.70 to 240.70): E

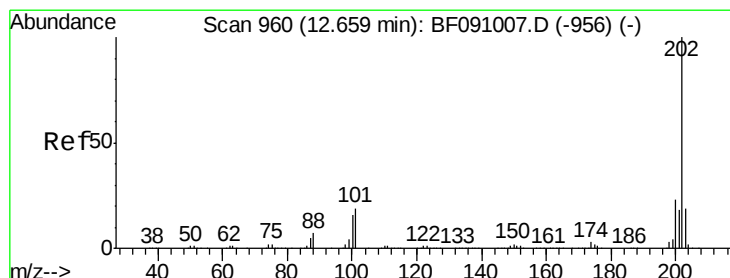
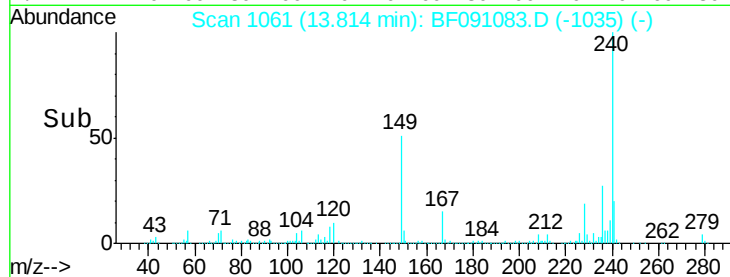
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 34.25 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091083.D

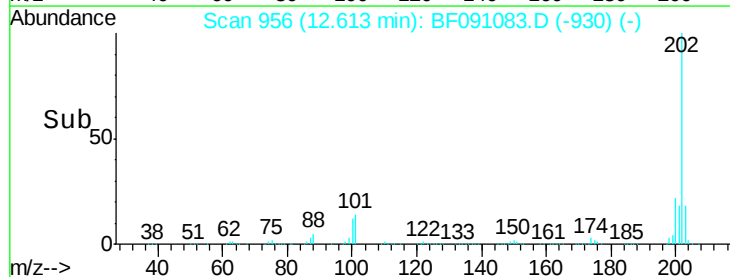
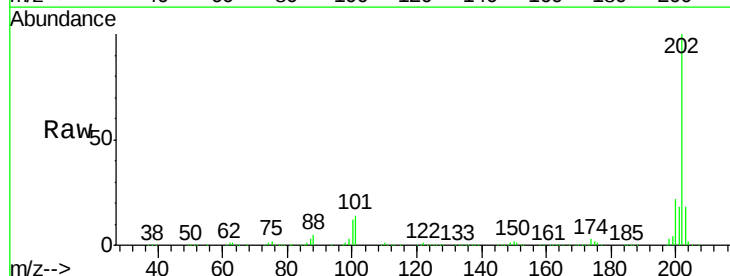
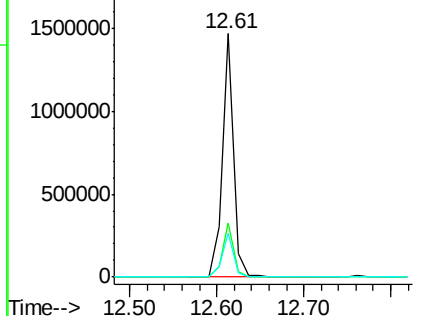
Acq: 8 Nov 2016 15:46

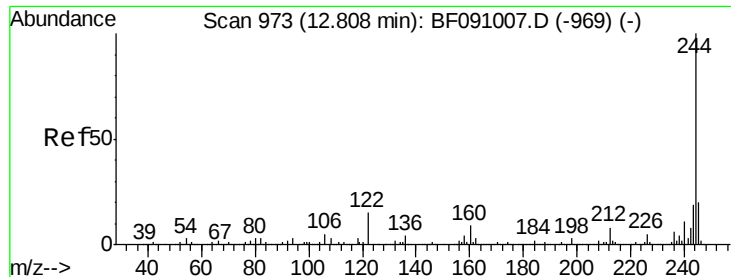
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.4	27.6
203	18.3	15.0	22.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



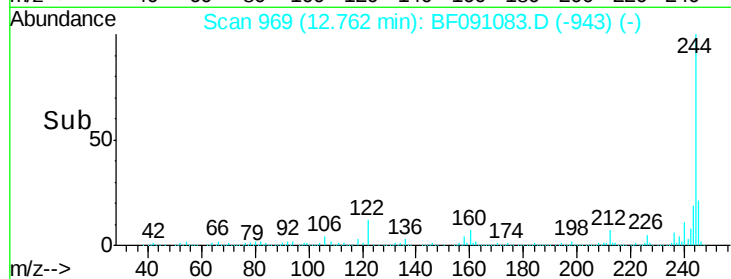
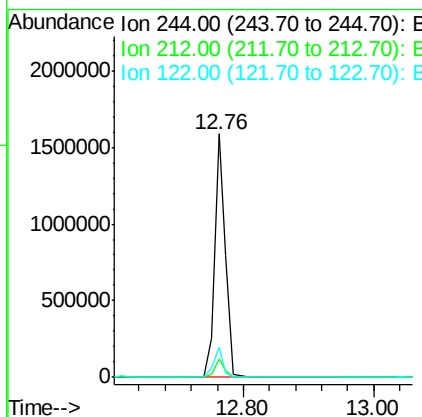
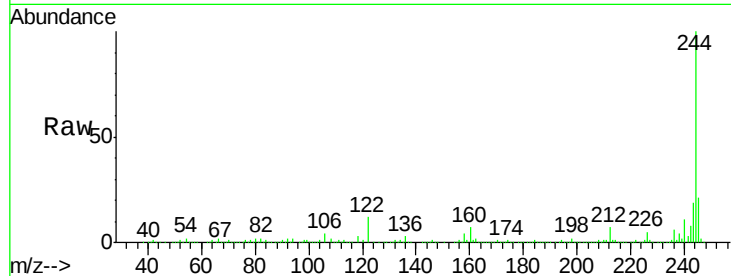


#78
 Terphenyl-d14
 Concen: 77.50 ng
 RT: 12.76 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

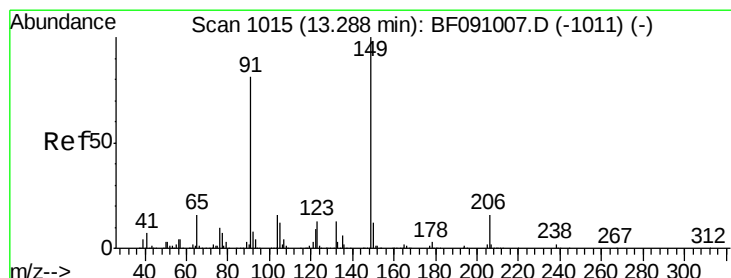
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	12.3	12.3	18.5

Manual Integrations
 APPROVED



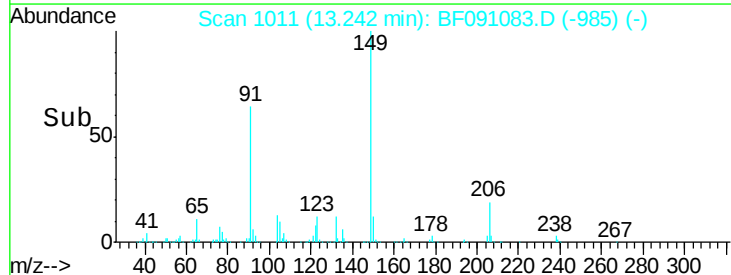
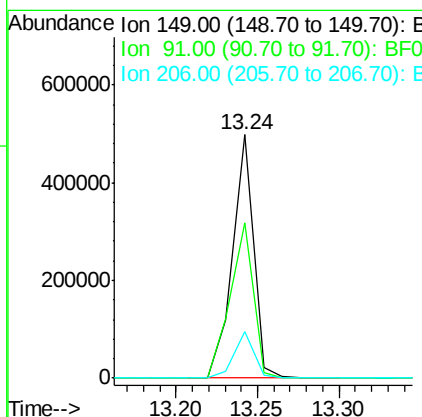
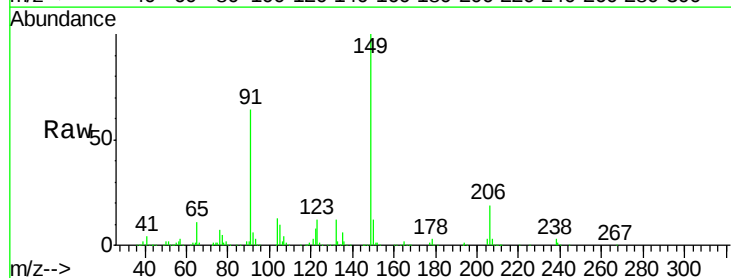
umangi

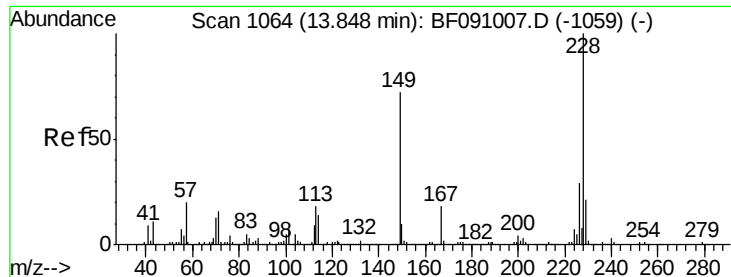
11/9/2016 10:56:49 AM



#79
 Butylbenzylphthalate
 Concen: 23.65 ng
 RT: 13.24 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	65.0	97.4#
206	19.3	12.5	18.7#



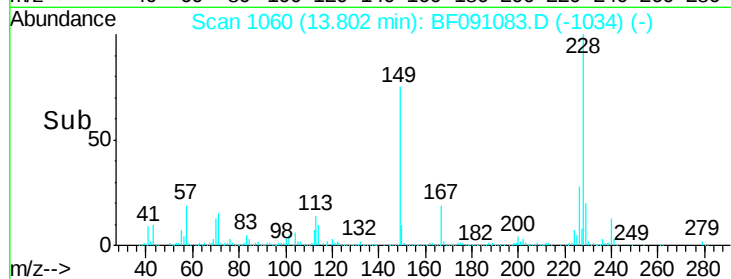
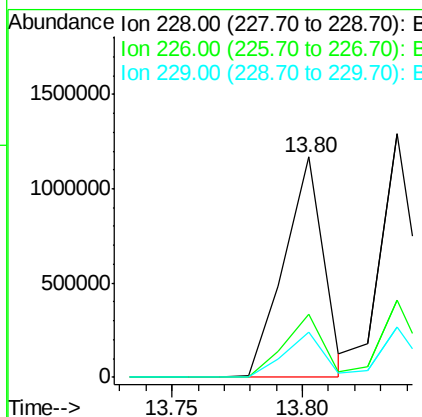
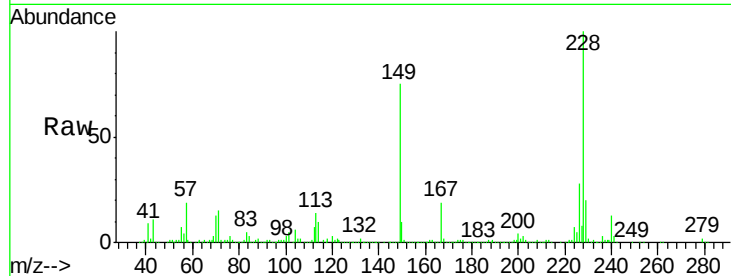


#80
Benzo(a)anthracene
Concen: 36.16 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

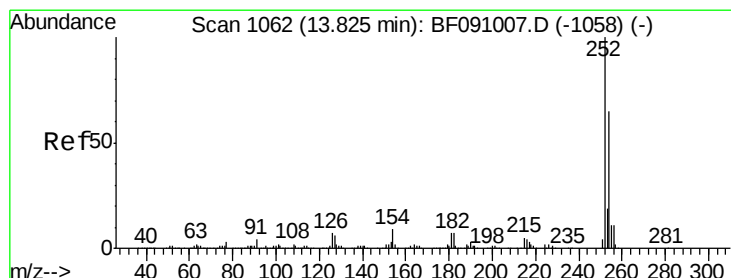
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.4	16.6	24.8

Manual Integrations
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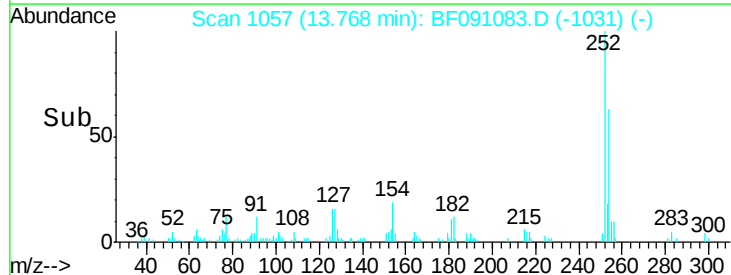
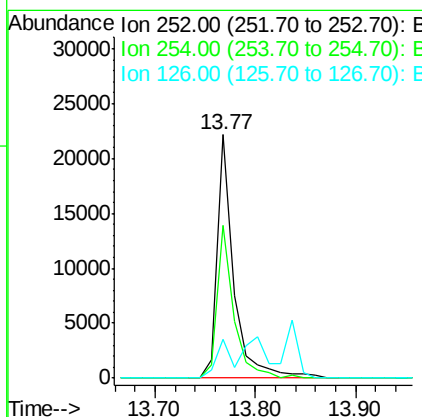
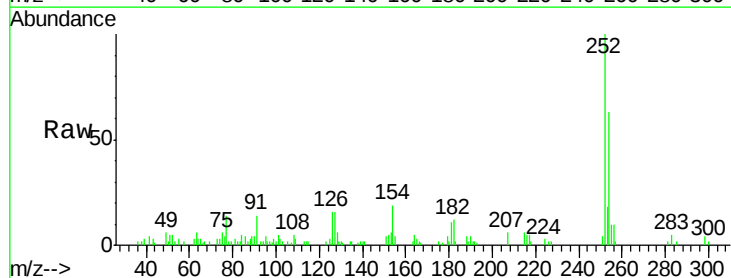
umangi

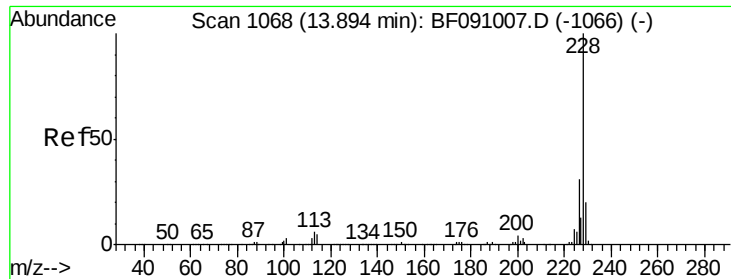
11/9/2016 10:56:49 AM



#81
3,3'-Dichlorobenzidine
Concen: 2.12 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.0	78.0
126	15.7	5.4	8.2#



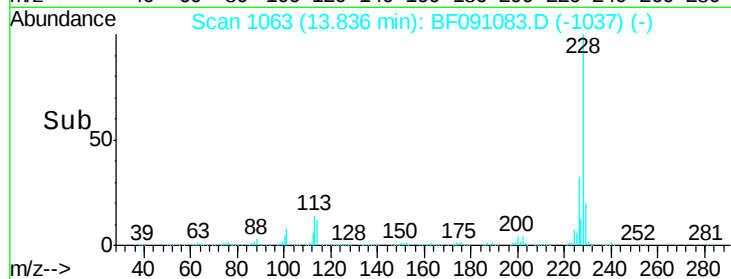
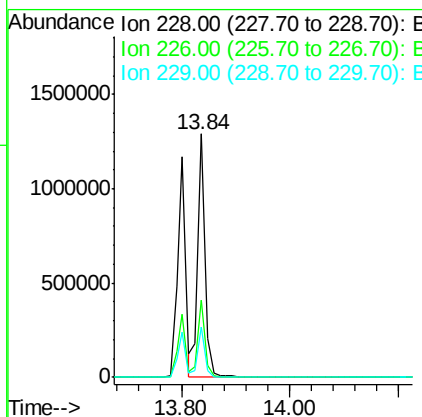
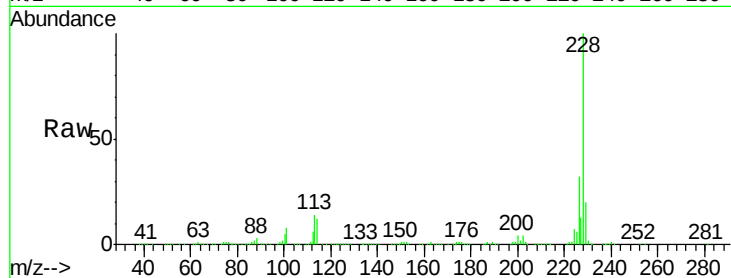


#82
 Chrysene
 Concen: 35.82 ng
 RT: 13.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BS

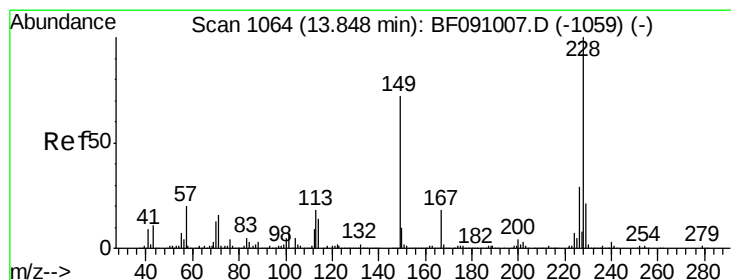
Tot Ion:228 Resp: 1197671
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 20.5 15.9 23.9

Manual Integrations
 APPROVED



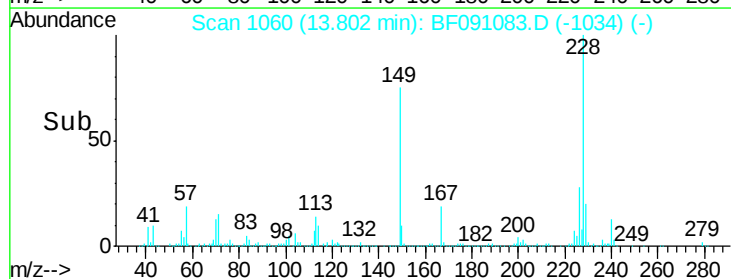
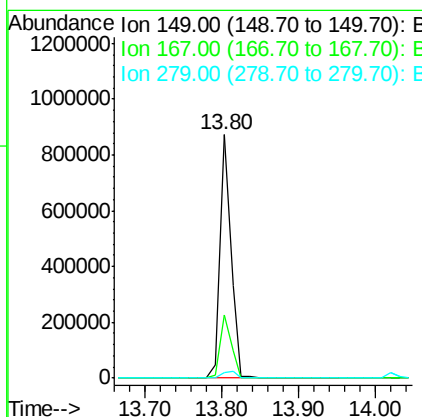
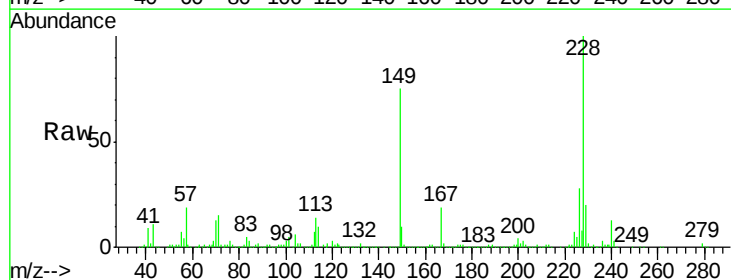
umangi

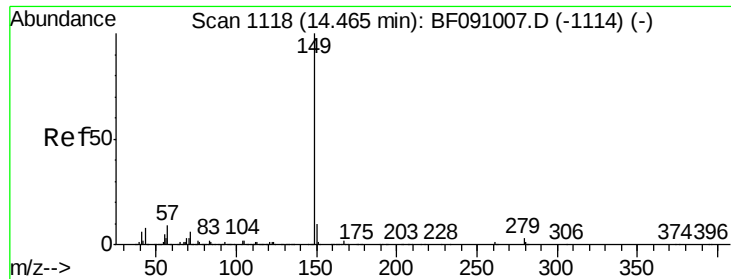
11/9/2016 10:56:49 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.36 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF091083.D
 Acq: 8 Nov 2016 15:46

Tgt Ion:149 Resp: 869936
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 2.4 1.6 2.4



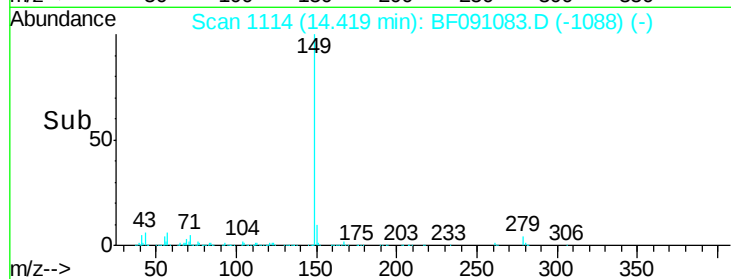
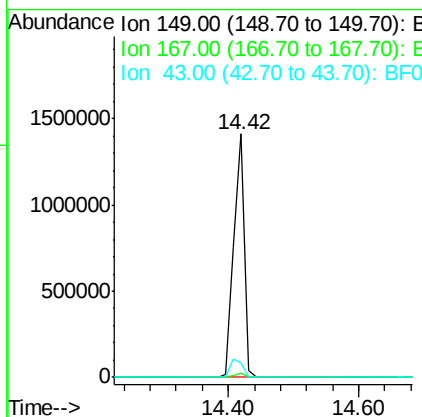
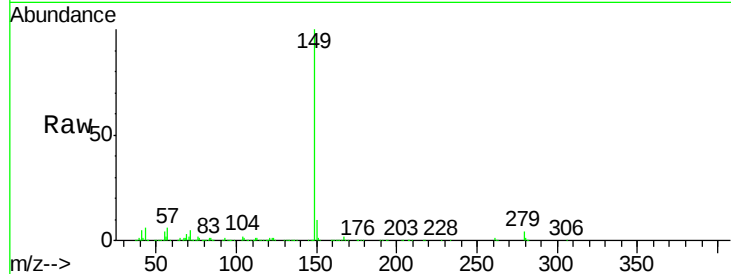


#84
Di-n-octyl phthalate
Concen: 36.96 ng
RT: 14.42 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94597BS

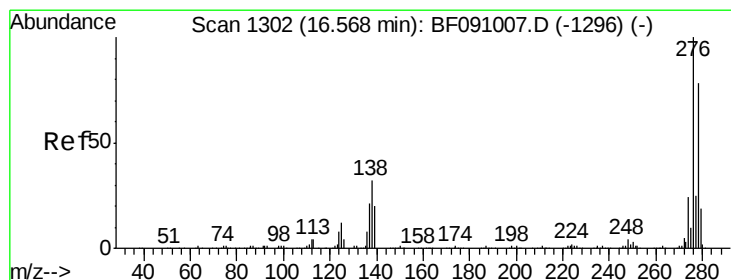
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.2	12.4

Manual Integrations
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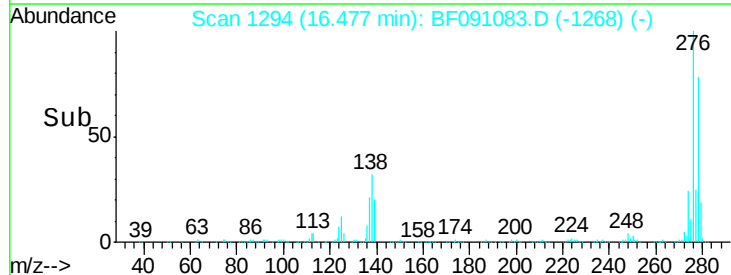
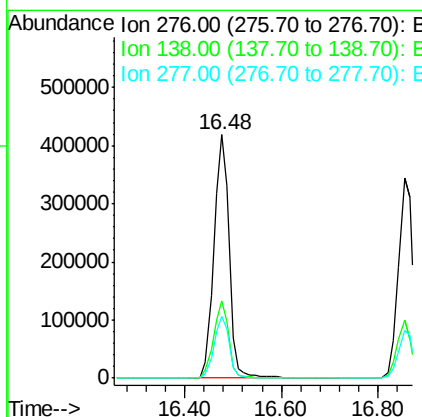
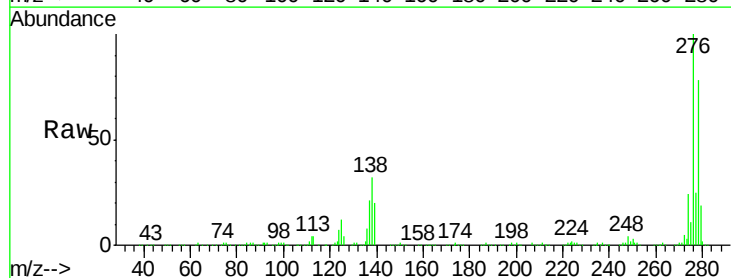
umangi

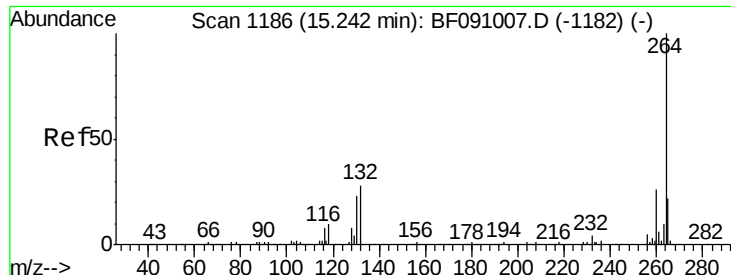
11/9/2016 10:56:49 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.76 ng
RT: 16.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	26.0	39.0
277	25.3	20.1	30.1



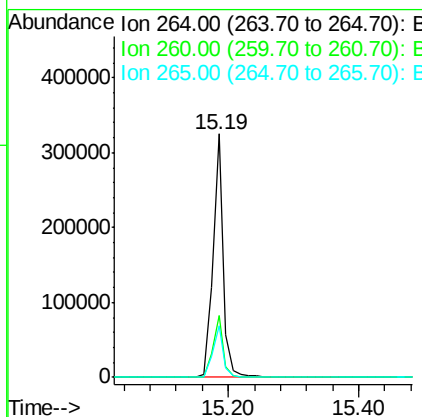
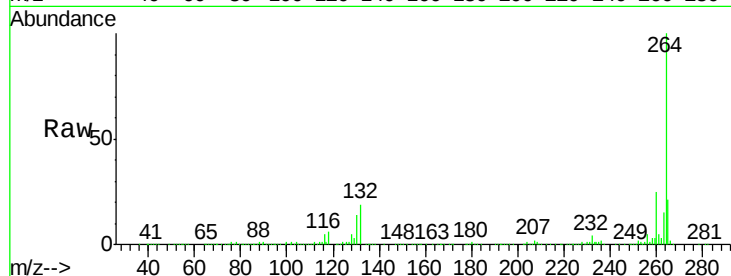


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

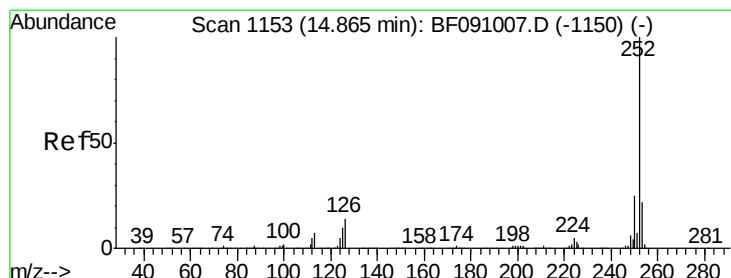
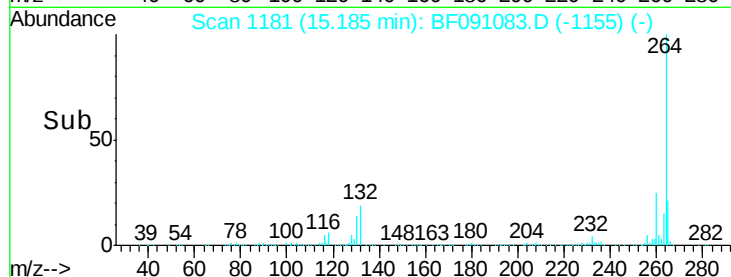
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.1	17.8	26.8

Manual Integrations
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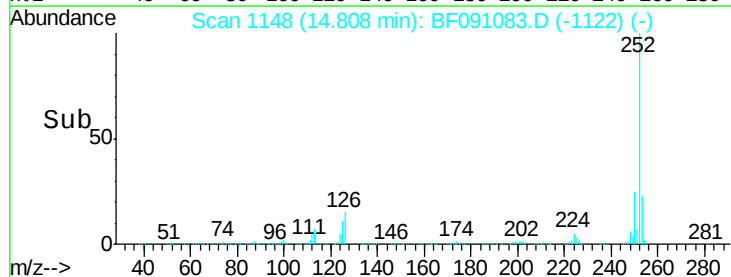
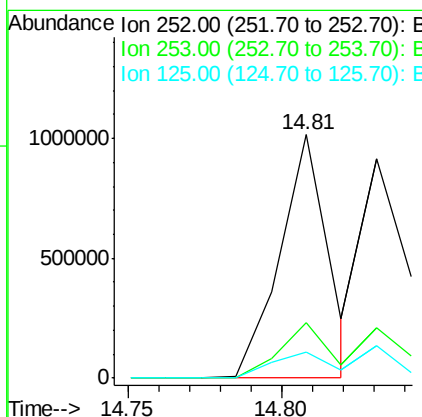
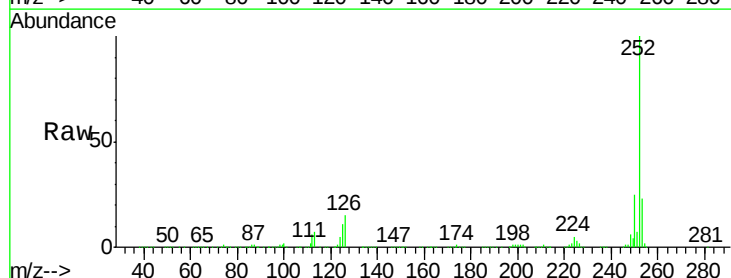
umangi

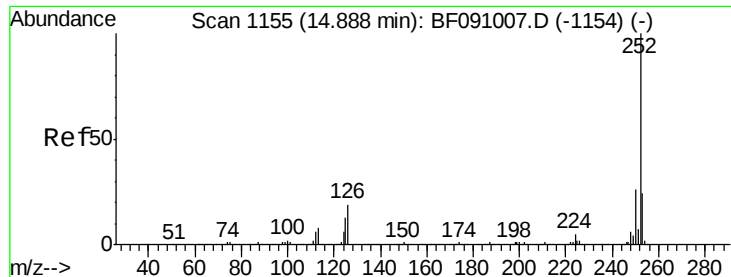
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#87
Benzo(b)fluoranthene
Concen: 45.02 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.8	8.3	12.5



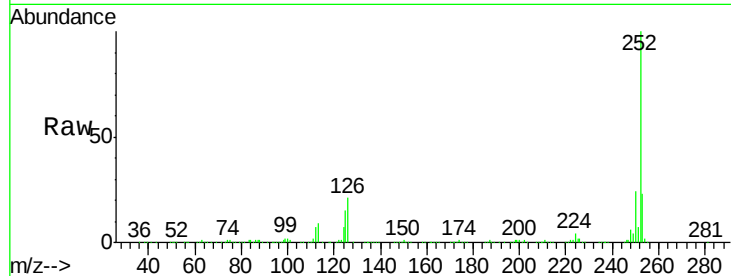


#88
Benzo(k)fluoranthene
Concen: 44.15 ng m
RT: 14.83 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

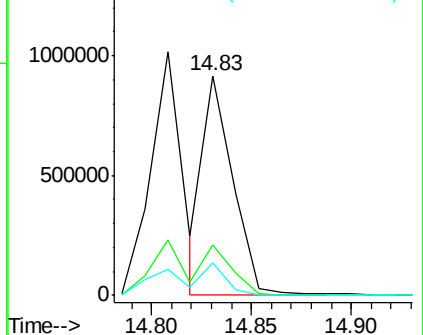
Instrument :
BNA_F
ClientSampled :
PB94597BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	14.6	11.2	16.8

Manual Integrations
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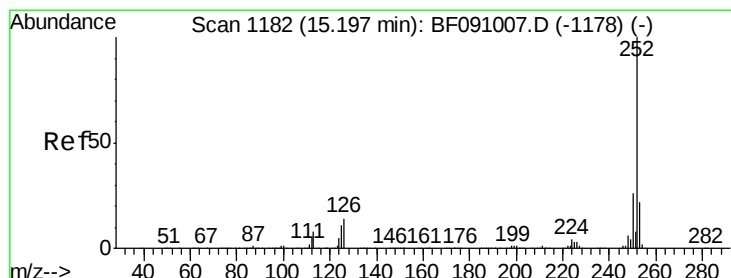
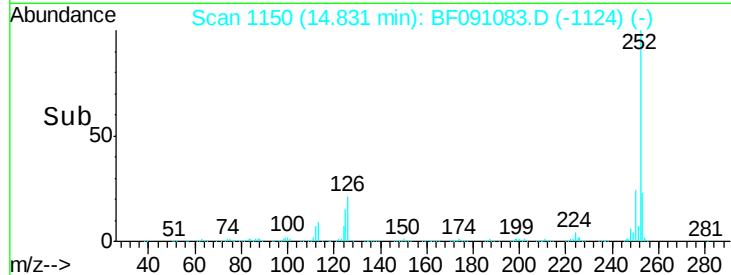


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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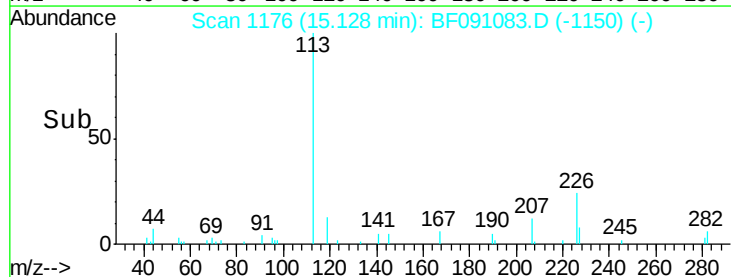
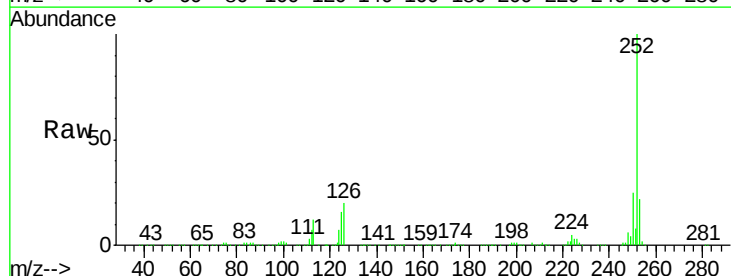
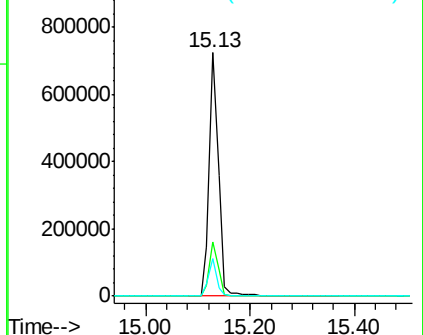
11/9/2016 10:56:49 AM

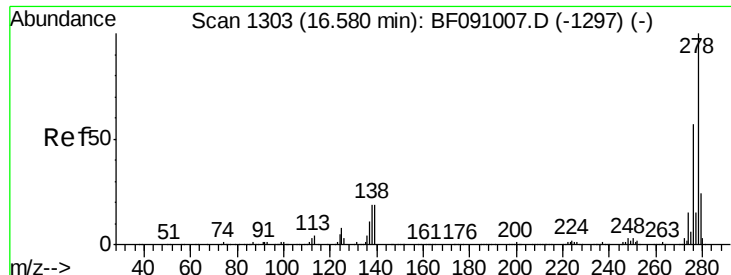


#89
Benzo(a)pyrene
Concen: 41.05 ng
RT: 15.13 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	15.6	8.6	13.0#

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



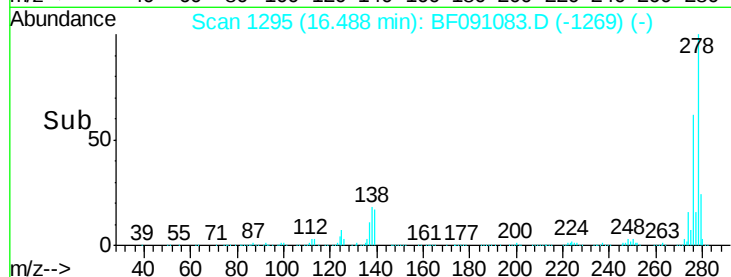
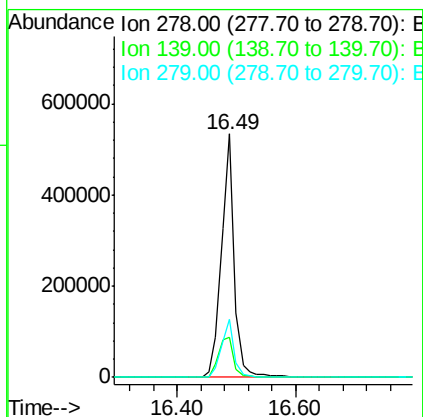
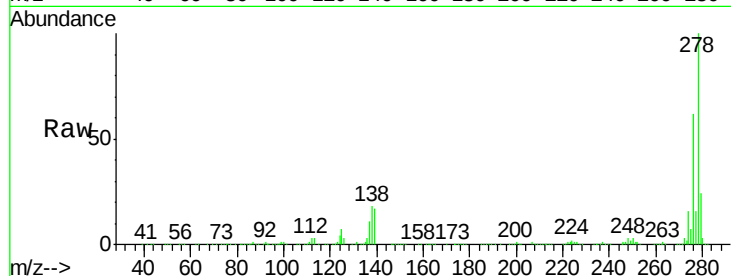


#90
Dibenzo(a,h)anthracene
Concen: 43.18 ng
RT: 16.49 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Instrument :
BNA_F
ClientSampled :
PB94597BS

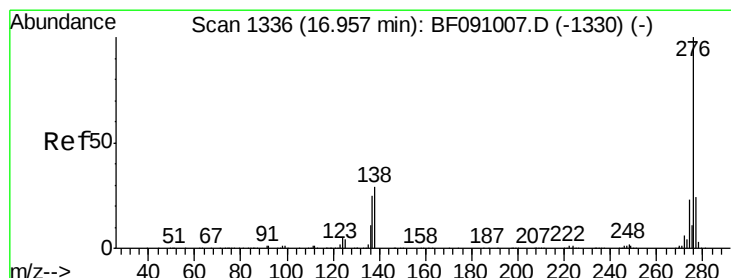
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.3	22.9
279	23.8	19.3	28.9

Manual Integrations
APPROVED



umangi

11/9/2016 10:56:49 AM



#91
Benzo(g,h,i)perylene
Concen: 42.34 ng
RT: 16.85 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF091083.D
Acq: 8 Nov 2016 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.0	23.3	34.9

