

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
 Data File : BF083693.D
 Acq On : 10 Dec 2015 23:31
 Operator : UM/IZ
 Sample : G4659-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:01:45 PM

Quant Time: Dec 17 11:39:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	137696	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	524772	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	256130	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	468404	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	377546	20.00	ng	-0.08
86) Perylene-d12	18.57	264	305013	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	3.90	112	1186048	130.64	ng	-0.07
7) Phenol-d6	5.20	99	1519775	125.29	ng	-0.08
23) Nitrobenzene-d5	6.44	82	971209	86.36	ng	-0.09
41) 2,4,6-Tribromophenol	11.59	330	290993	127.52	ng	-0.10
44) 2-Fluorobiphenyl	9.25	172	1545604	84.93	ng	-0.09
78) Terphenyl-d14	15.31	244	1405286	87.58	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	147493	32.88	ng	# 81
3) Pyridine	2.24	79	387563	35.57	ng	98
4) n-Nitrosodimethylamine	2.20	42	211411	36.85	ng	92
6) Aniline	5.17	93	310002	20.74	ng	91
8) 2-Chlorophenol	5.33	128	390250	39.31	ng	97
9) Benzaldehyde	5.05	77	110395	14.35	ng	97
10) Phenol	5.21	94	579916	39.47	ng	83
11) bis(2-Chloroethyl)ether	5.28	93	423546	39.18	ng	99
12) 1,3-Dichlorobenzene	5.53	146	414890	37.49	ng	99
13) 1,4-Dichlorobenzene	5.63	146	421455	37.12	ng	100
14) 1,2-Dichlorobenzene	5.85	146	396287	37.61	ng	98
15) Benzyl Alcohol	5.87	79	389775	45.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	731892	36.61	ng	# 62
17) 2-Methylphenol	6.06	107	330895	40.96	ng	# 89
18) Hexachloroethane	6.32	117	144242	35.98	ng	92
19) n-Nitroso-di-n-propylamine	6.25	70	329166	38.88	ng	93
20) 3+4-Methylphenols	6.30	107	424637	39.92	ng	99
22) Acetophenone	6.22	105	545361	37.05	ng	96
24) Nitrobenzene	6.48	77	455585	36.65	ng	93
25) Isophorone	6.84	82	841237	38.54	ng	98
26) 2-Nitrophenol	6.96	139	191013	38.70	ng	94
27) 2,4-Dimethylphenol	7.08	122	332797	38.55	ng	99
28) bis(2-Chloroethoxy)methane	7.20	93	501788	41.40	ng	98
29) 2,4-Dichlorophenol	7.37	162	328805	41.87	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	329226	37.96	ng	96
31) Naphthalene	7.54	128	1104951	39.76	ng	99
32) Benzoic acid	7.39	122	98311	19.68	ng	98
33) 4-Chloroaniline	7.70	127	164653	16.25	ng	94
34) Hexachlorobutadiene	7.74	225	192092	37.91	ng	98
35) Caprolactam	8.28	113	103585m	43.95	ng	
36) 4-Chloro-3-methylphenol	8.54	107	360181	40.83	ng	92
37) 2-Methylnaphthalene	8.64	142	727945	41.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	325622	38.72	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	58468	46.13	ng	96

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Instrument :
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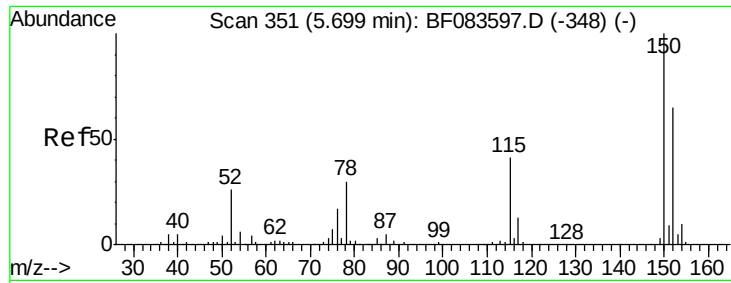
Manual Integrations
 APPROVED

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 12/11/2015 6:01:45 PM

Quant Time: Dec 17 11:39:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 09:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	201108	40.19	nq	98
43) 2,4,5-Trichlorophenol	9.24	196	188629	38.08	nq #	92
45) 1,1'-Biphenyl	9.40	154	853315	38.33	nq	99
46) 2-Chloronaphthalene	9.41	162	667403	39.71	nq	98
47) 2-Nitroaniline	9.64	65	261842	43.19	nq #	85
48) Acenaphthylene	10.06	152	1069480	38.59	nq	99
49) Dimethylphthalate	9.95	163	1000127	49.05	nq	99
50) 2,6-Dinitrotoluene	10.04	165	171205	40.67	nq	96
51) Acenaphthene	10.34	154	623658	39.31	nq	98
52) 3-Nitroaniline	10.33	138	107773	24.09	nq	86
53) 2,4-Dinitrophenol	10.54	184	121947	60.04	nq	98
54) Dibenzofuran	10.64	168	944082	42.91	nq	98
55) 4-Nitrophenol	10.75	139	161559	82.02	nq	91
56) 2,4-Dinitrotoluene	10.72	165	237678	42.57	nq #	80
57) Fluorene	11.19	166	754580	39.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.89	232	173015	43.44	nq #	100
59) Diethylphthalate	11.09	149	766221	38.65	nq	99
60) 4-Chlorophenyl-phenylether	11.21	204	343053	37.52	nq	98
61) 4-Nitroaniline	11.32	138	157084	38.65	nq	90
62) Azobenzene	11.47	77	974307	44.66	nq	99
64) 4,6-Dinitro-2-methylphenol	11.38	198	113331	36.02	nq	98
65) n-Nitrosodiphenylamine	11.43	169	641540	41.50	nq	99
66) 4-Bromophenyl-phenylether	12.00	248	199199	38.13	nq	91
67) Hexachlorobenzene	12.07	284	218819	39.48	nq	96
68) Atrazine	12.35	200	204009	44.36	nq	97
69) Pentachlorophenol	12.44	266	115970	77.02	nq	99
70) Phenanthrene	12.73	178	1073154	39.88	nq	99
71) Anthracene	12.81	178	1106877	39.70	nq	99
72) Carbazole	13.12	167	1016725	42.53	nq	99
73) Di-n-butylphthalate	13.73	149	1196798	39.80	nq	99
74) Fluoranthene	14.65	202	1097519	39.86	nq	97
76) Benzidine	14.95	184	303040	25.81	nq	97
77) Pyrene	15.01	202	1126375	41.44	nq	99
79) Butylbenzylphthalate	16.15	149	503815	41.76	nq	99
80) Benzo(a)anthracene	16.90	228	870401	39.39	nq	99
81) 3,3'-Dichlorobenzidine	16.89	252	212464	28.46	nq	96
82) Chrysene	16.95	228	863633	38.99	nq	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	692704	41.37	nq #	97
84) Di-n-octyl phthalate	17.78	149	1101335	43.04	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	710225	47.50	nq #	100
87) Benzo(b)fluoranthene	18.18	252	762180	43.88	nq	99
88) Benzo(k)fluoranthene	18.21	252	634106m	33.13	nq	
89) Benzo(a)pyrene	18.51	252	634009	37.41	nq	98
90) Dibenzo(a,h)anthracene	19.76	278	598727	46.20	nq	98
91) Benzo(g,h,i)perylene	20.12	276	583872	46.21	nq	95

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



#1

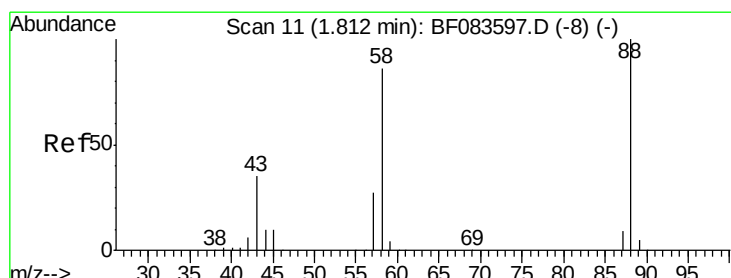
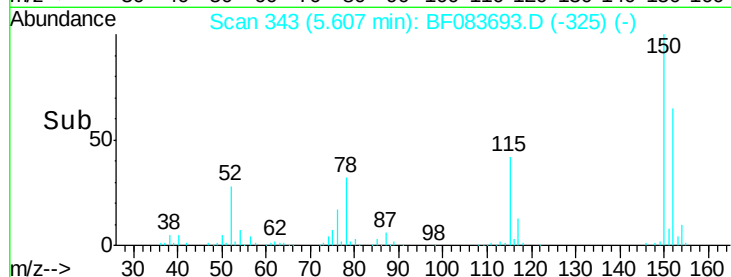
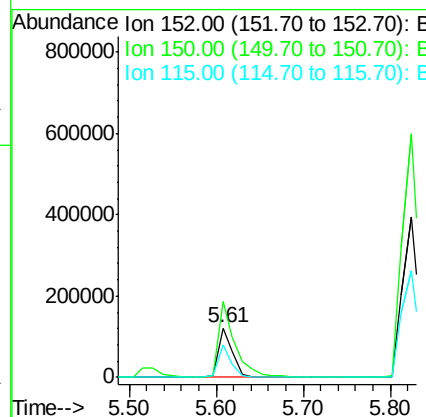
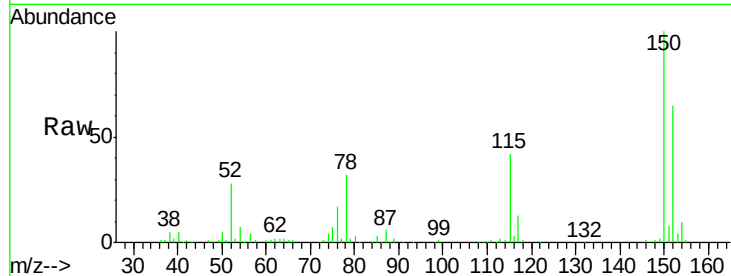
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.5	189.7
115	64.6	52.3	78.5

Manual Integrations
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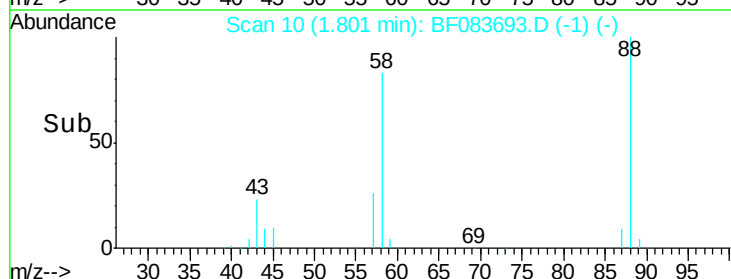
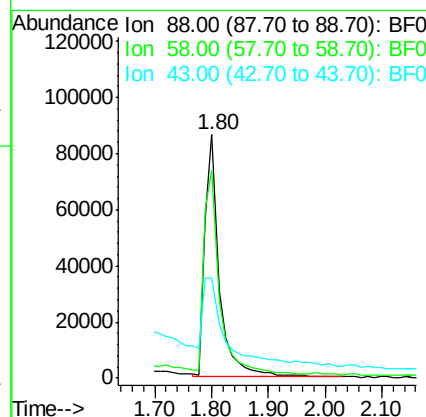
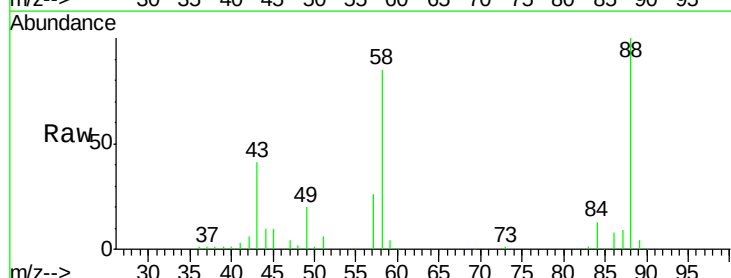
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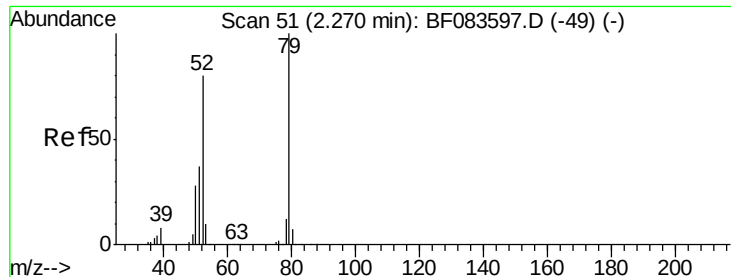


#2

1,4-Dioxane
Concen: 32.88 ng
RT: 1.80 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	68.0	102.0
43	66.1	27.9	41.9#





#3

Pvridine

Concen: 35.57 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

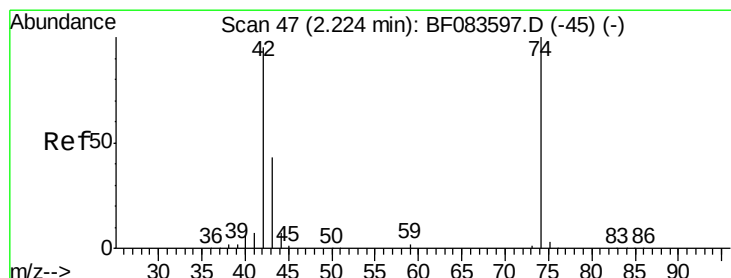
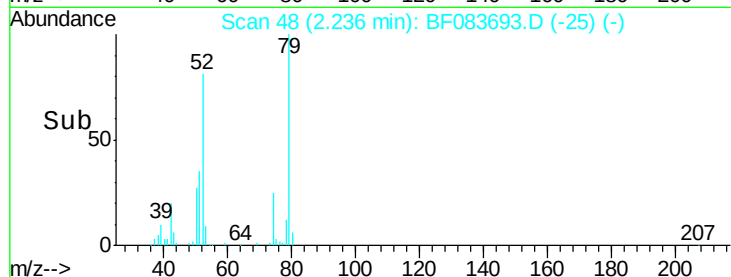
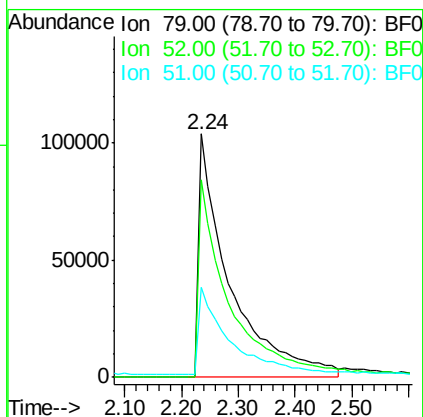
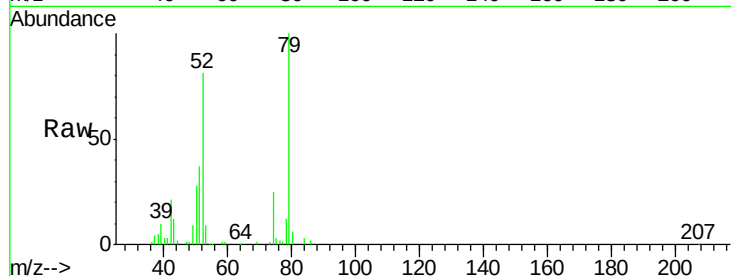
ClientSampleId :

A8-4CMSD

Tot Ion:	79	Resp:	387563
Ion Ratio	Lower	Upper	
79	100		
52	81.4	63.7	95.5
51	37.2	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.85 ng

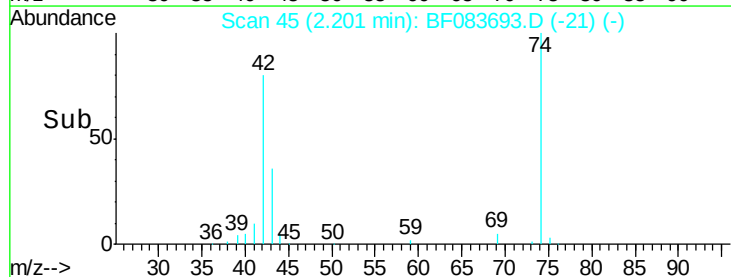
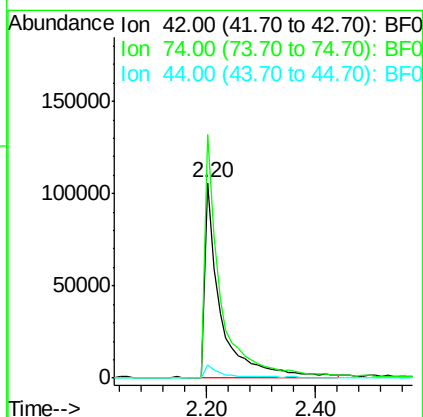
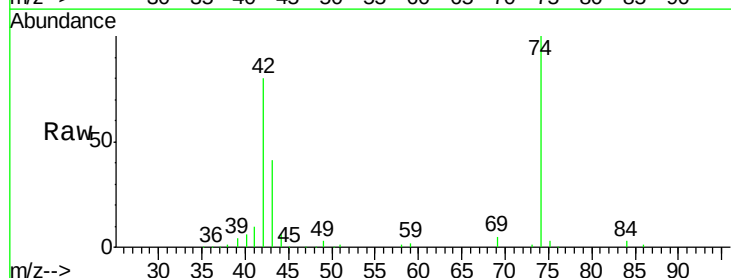
RT: 2.20 min Scan# 45

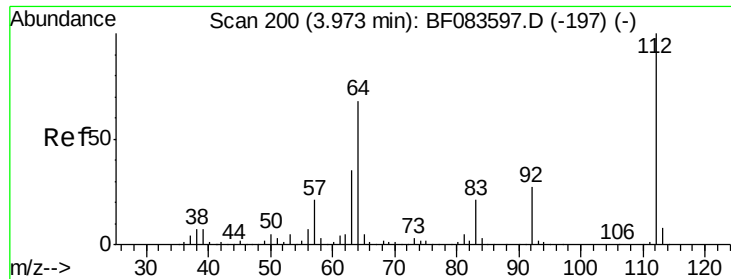
Delta R.T. -0.02 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	42	Resp:	211411
Ion Ratio	Lower	Upper	
42	100		
74	124.8	92.9	139.3
44	6.9	5.7	8.5





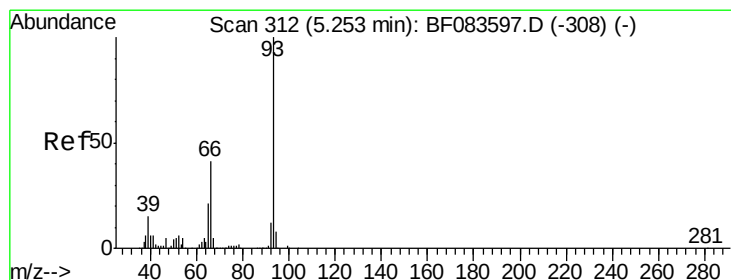
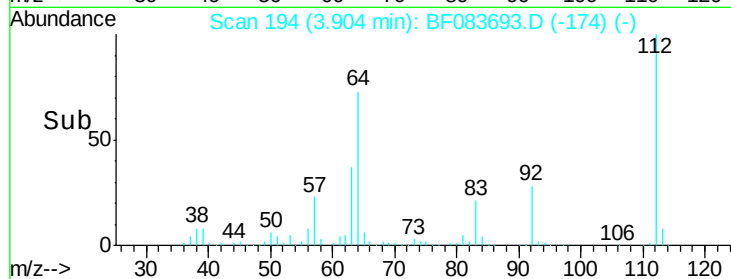
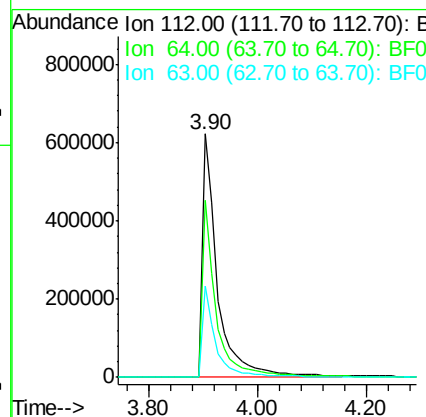
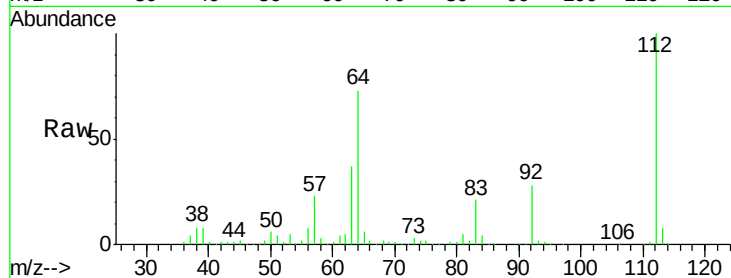
#5
2-Fluorophenol
Concen: 130.64 ng
RT: 3.90 min Scan# 194
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	72.7	50.5	75.7
63	37.3	25.8	38.6

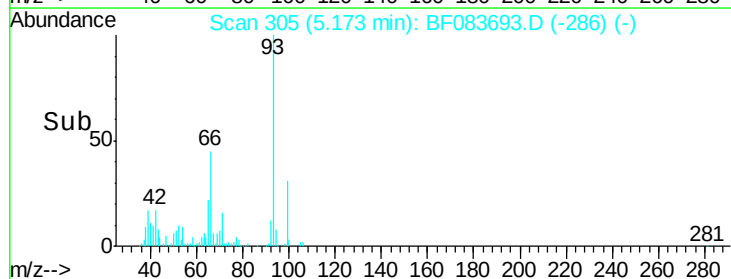
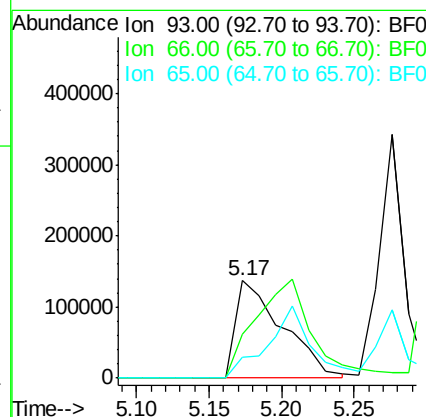
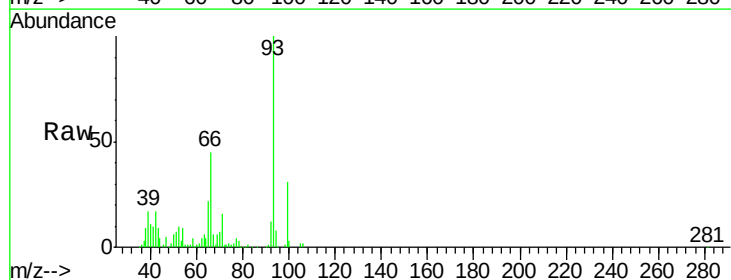
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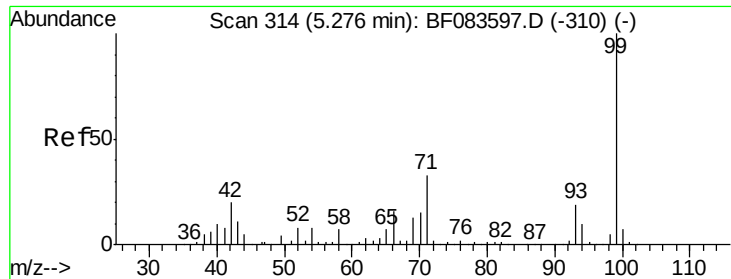
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#6
Aniline
Concen: 20.74 ng
RT: 5.17 min Scan# 305
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.3	41.3	61.9
65	22.0	20.8	31.2





#7

Phenol-d6

Concen: 125.29 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tot Ion: 99 Resp: 1519775

Ion Ratio Lower Upper

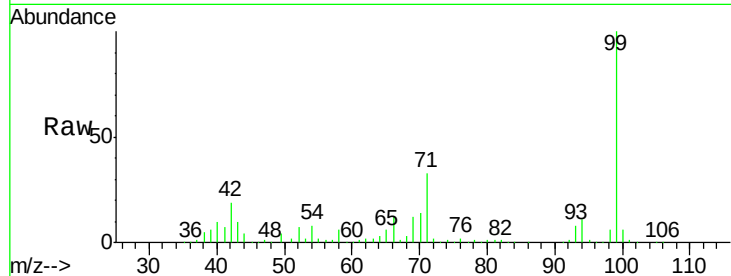
99 100

42 19.2 17.3 25.9

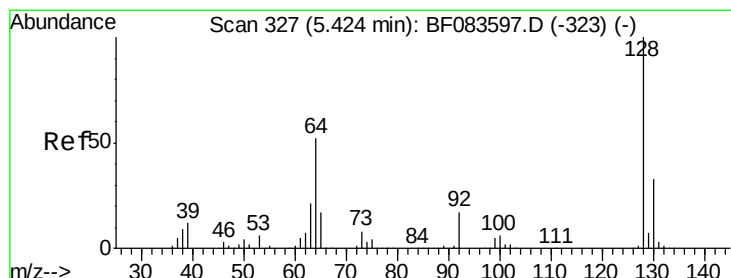
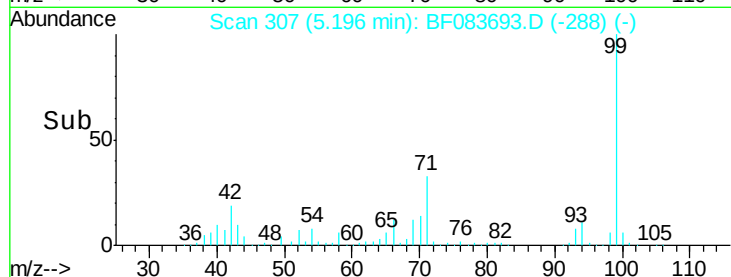
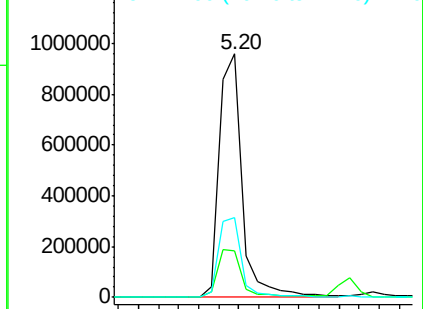
71 32.7 26.6 40.0

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



#8

2-Chlorophenol

Concen: 39.31 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

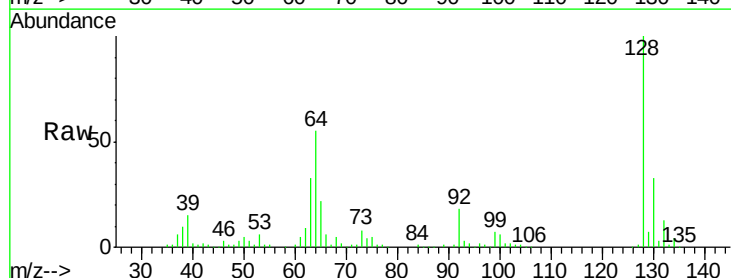
Tgt Ion: 128 Resp: 390250

Ion Ratio Lower Upper

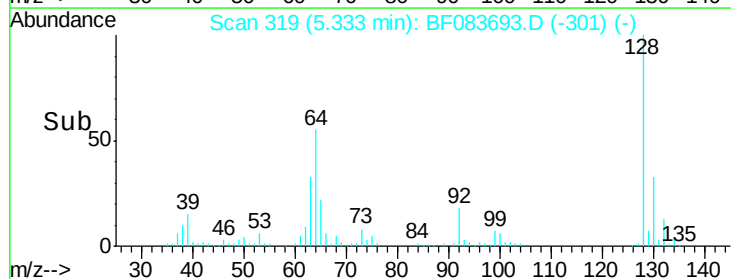
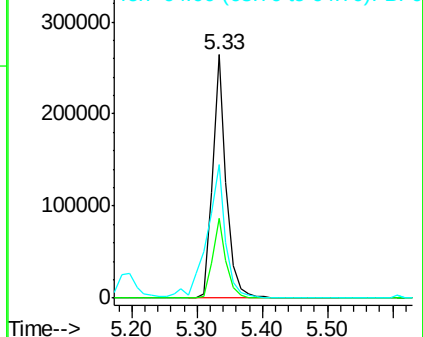
128 100

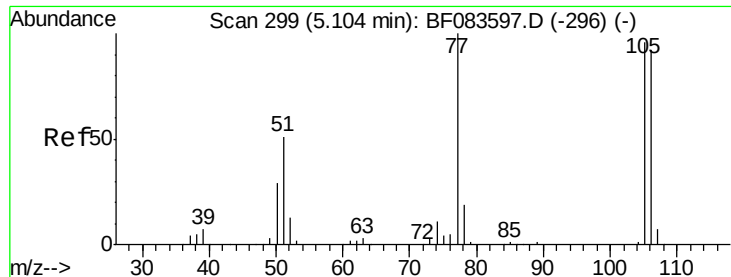
130 32.6 12.6 52.6

64 54.9 38.6 78.6



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





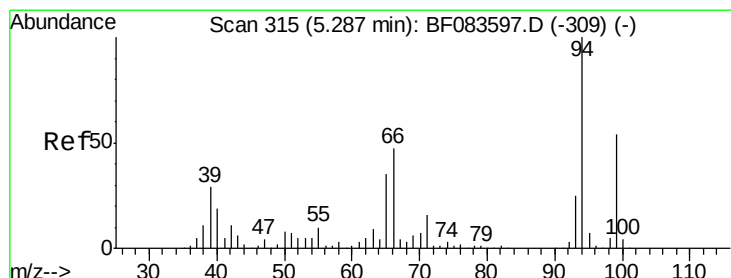
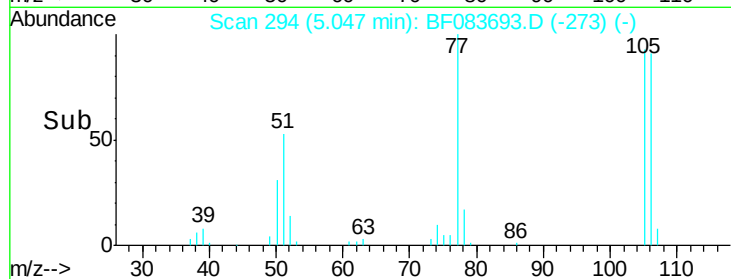
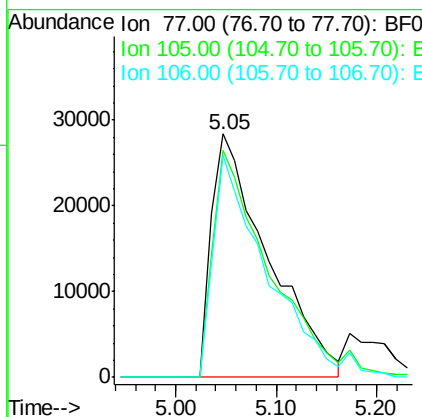
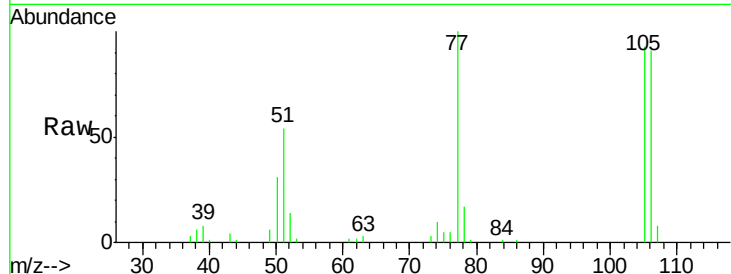
#9
Benzaldehyde
Concen: 14.35 ng
RT: 5.05 min Scan# 294
Delta R.T. -0.06 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.1	71.8	111.8		
106	90.9	66.8	106.8		

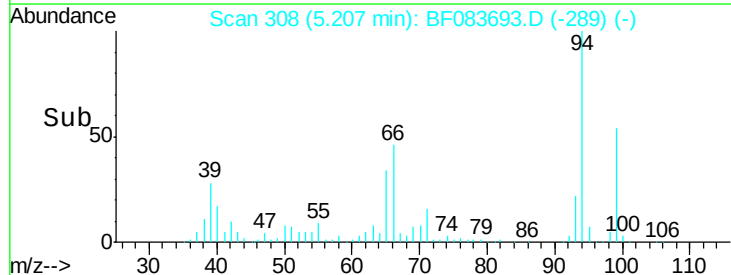
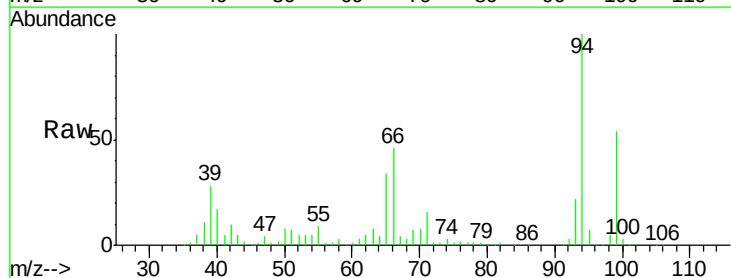
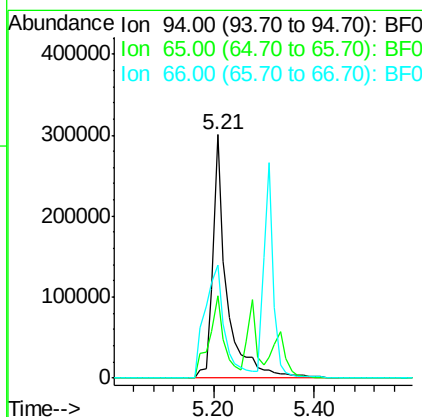
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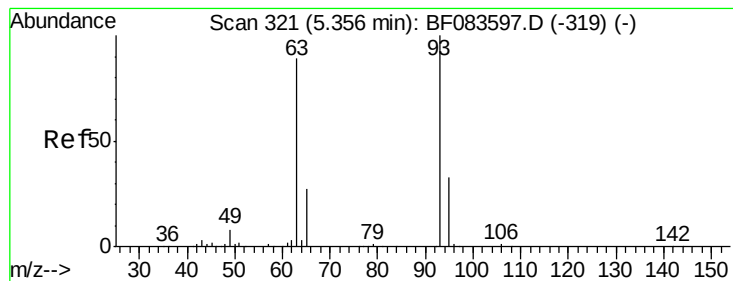
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#10
Phenol
Concen: 39.47 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.6	20.9	60.9		
66	46.2	41.6	81.6		





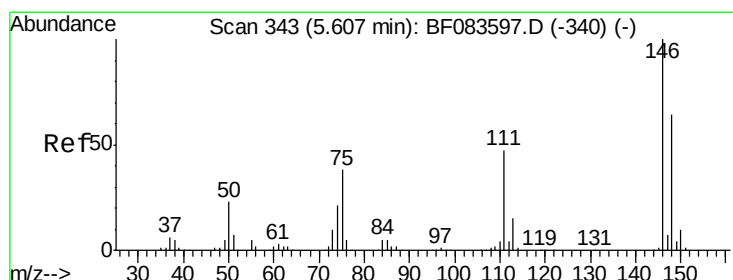
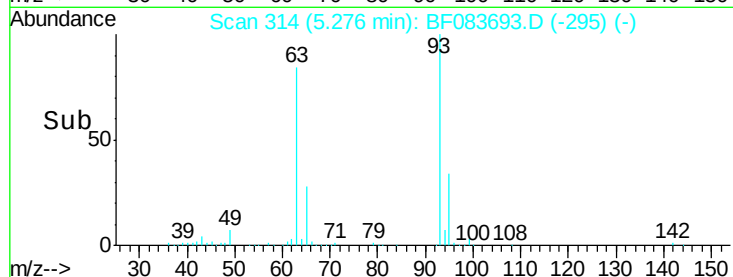
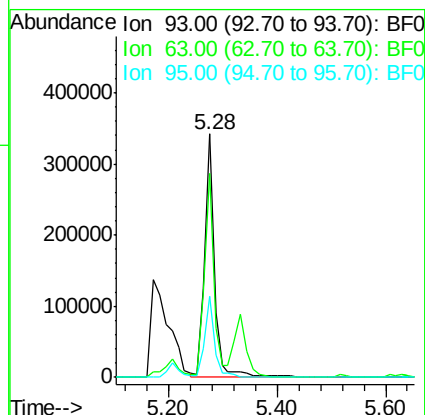
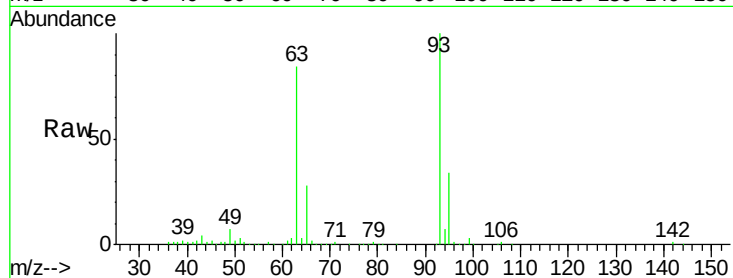
#11
bis(2-Chloroethyl)ether
Concen: 39.18 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	64.7	104.7
95	33.5	12.7	52.7

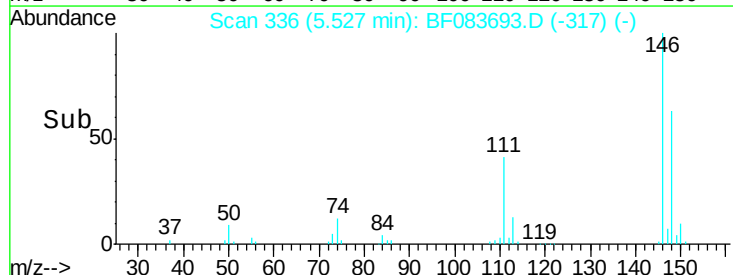
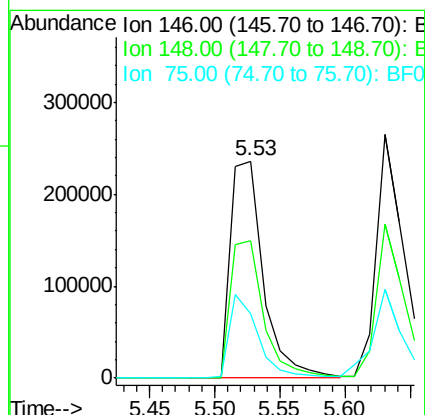
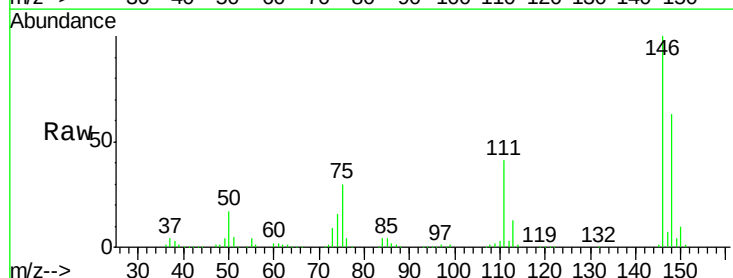
Manual Integrations
APPROVED

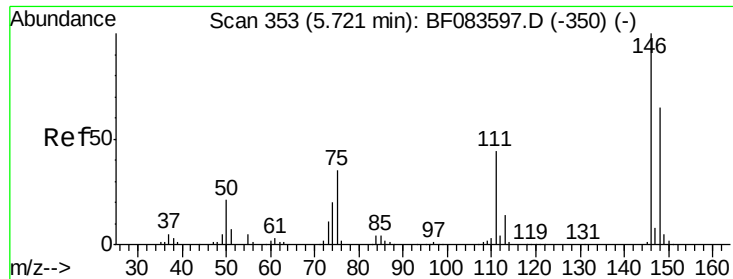
MMdadoda
12/11/2015 6:01:45 PM



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	29.9	24.1	36.1





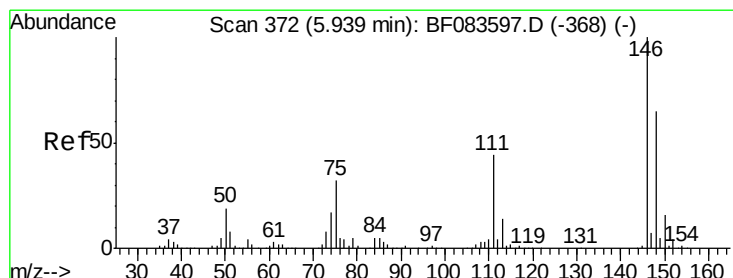
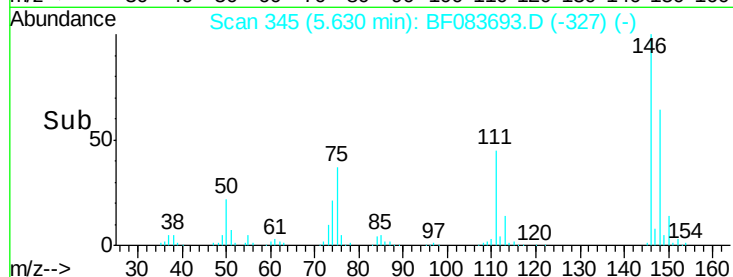
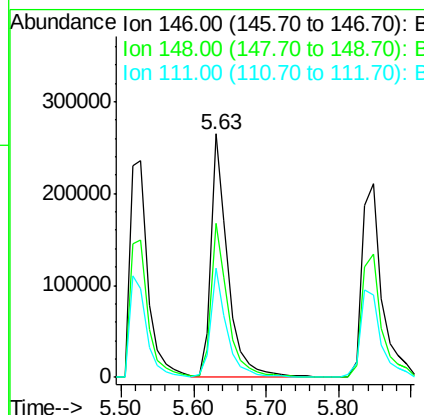
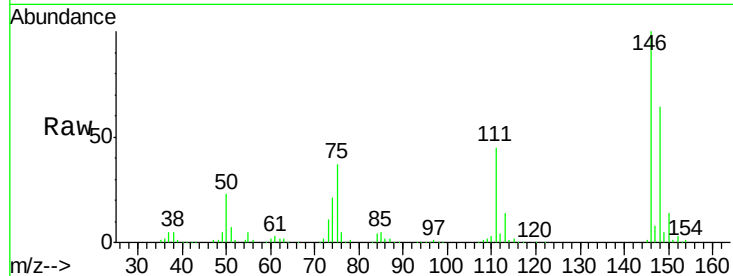
#13
1,4-Dichlorobenzene
Concen: 37.12 ng
RT: 5.63 min Scan# 345
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	44.6	36.1	54.1

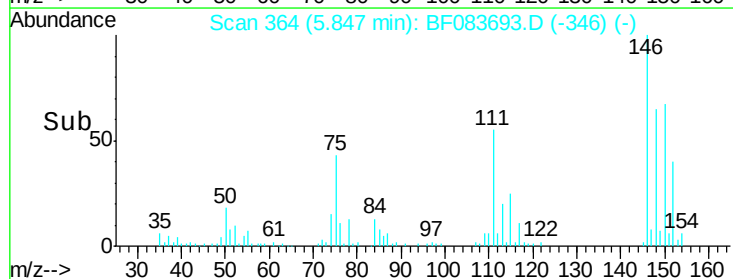
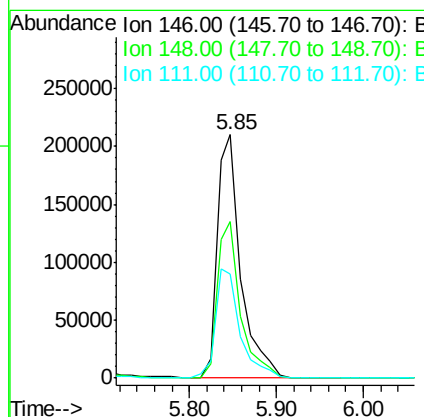
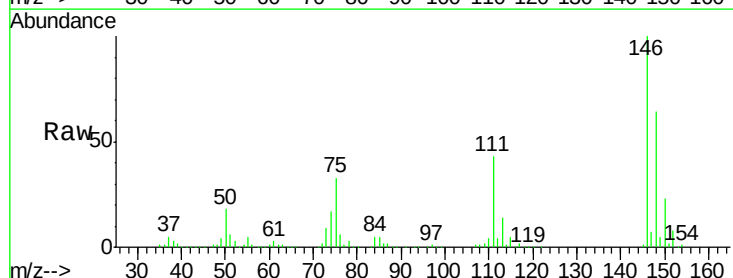
Manual Integrations
APPROVED

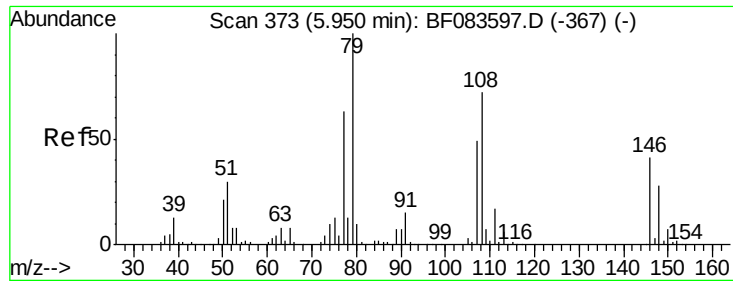
MMdadoda
12/11/2015 6:01:45 PM



#14
1,2-Dichlorobenzene
Concen: 37.61 ng
RT: 5.85 min Scan# 364
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	42.9	36.7	55.1





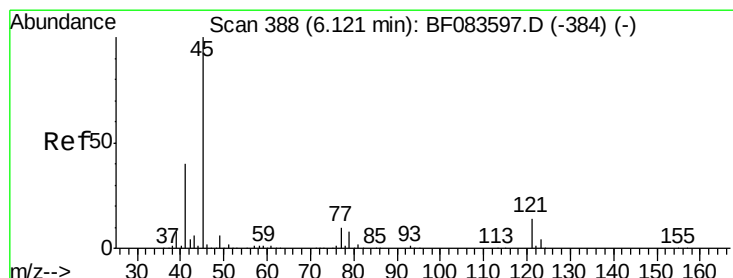
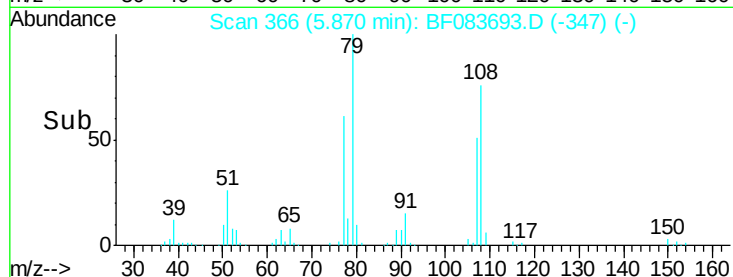
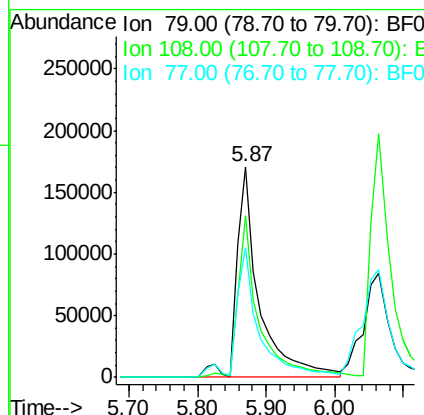
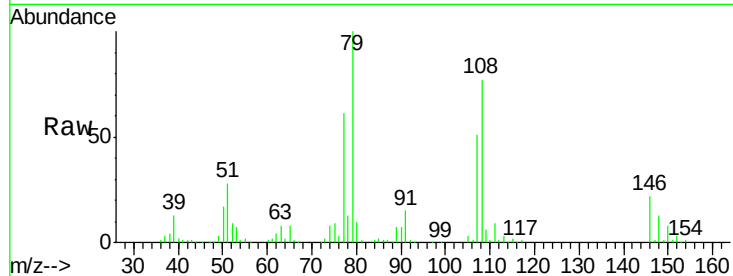
#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.7	59.6	89.4
77	61.3	49.8	74.6

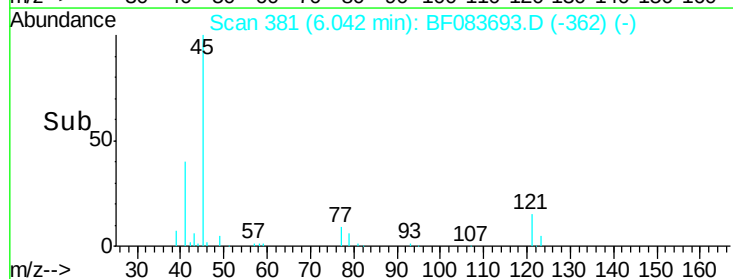
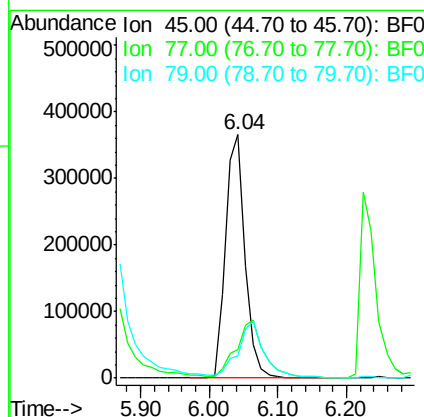
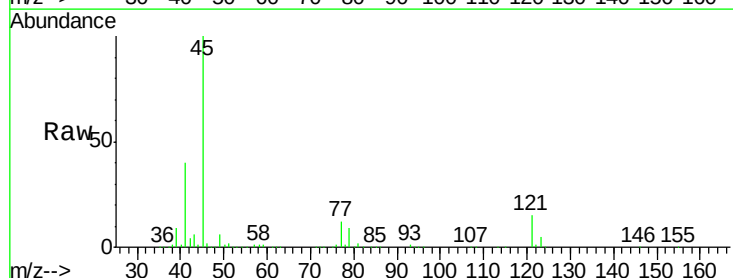
Manual Integrations
APPROVED

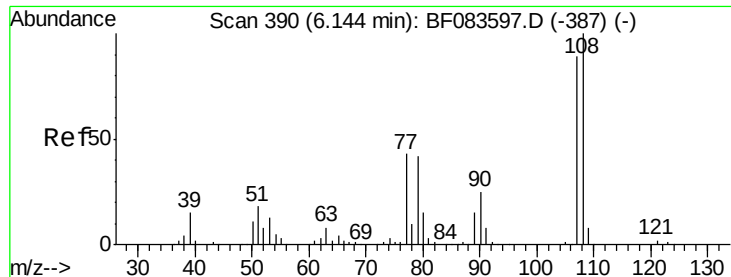
MMdadoda
12/11/2015 6:01:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.61 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	12.8	52.8#
79	9.3	10.7	50.7#





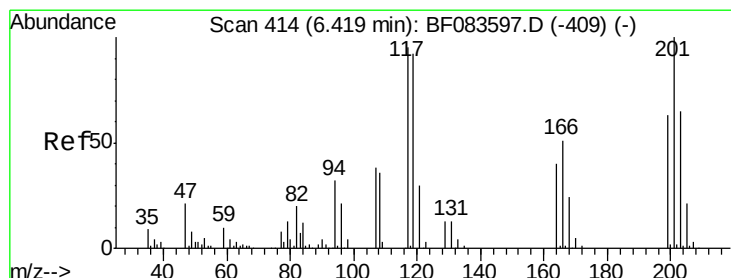
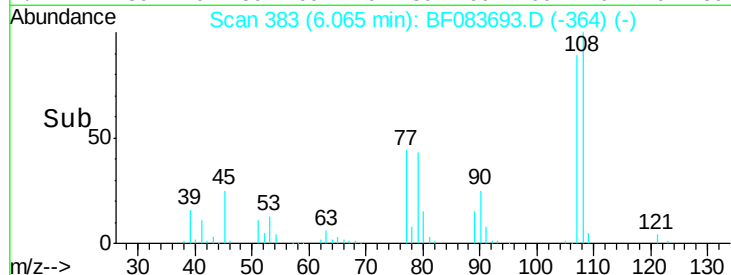
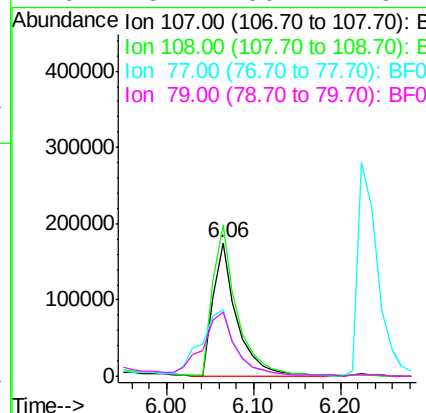
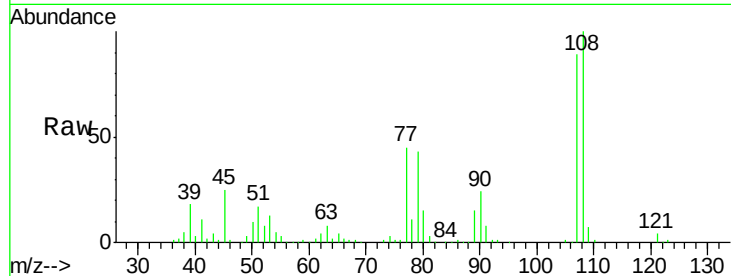
#17
2-Methylphenol
Concen: 40.96 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.6	137.4
77	50.3	53.7	80.5
79	48.2	50.2	75.4

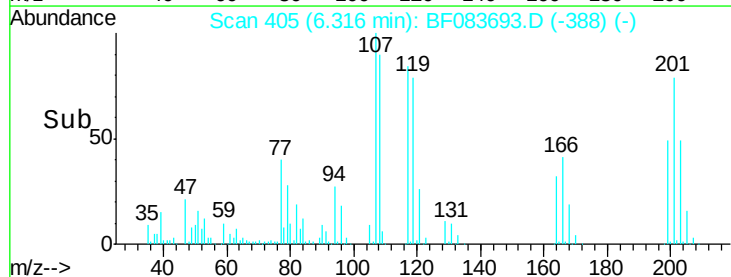
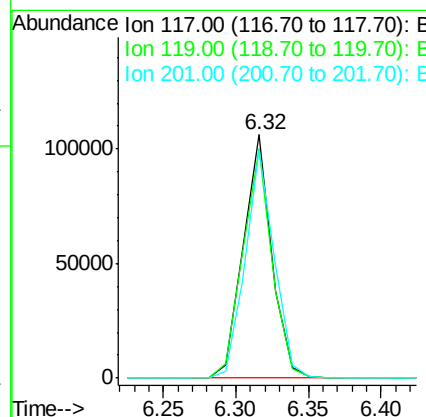
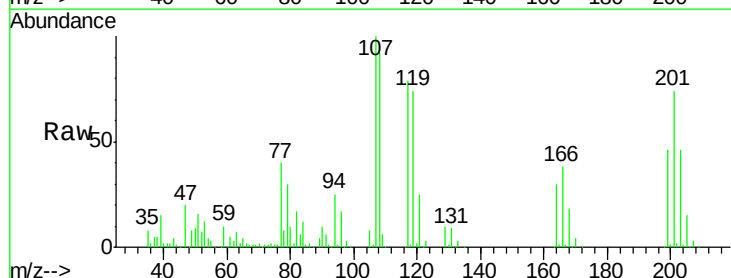
Manual Integrations
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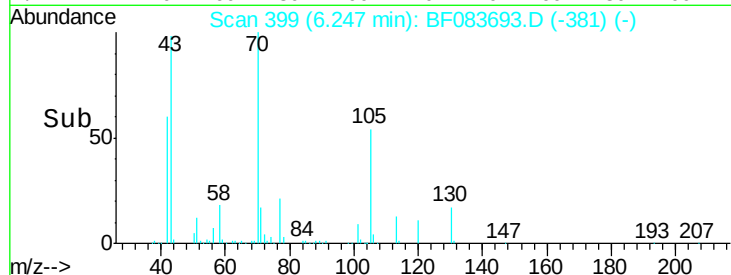
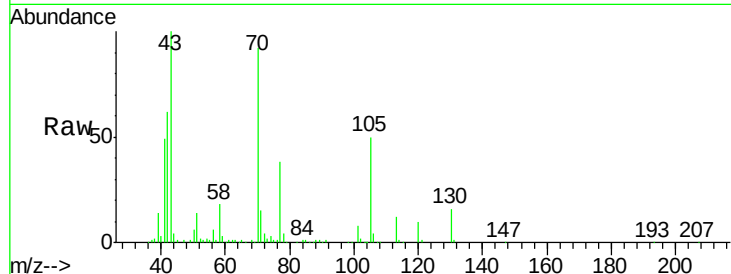
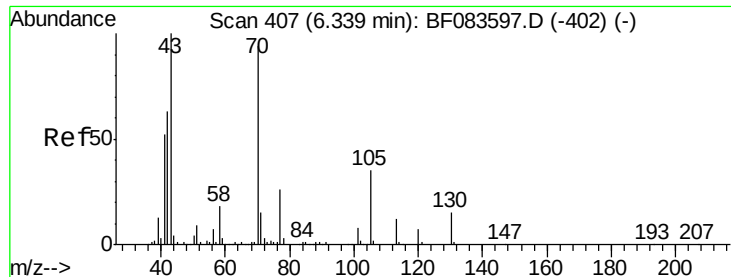
MMdadoda
12/11/2015 6:01:45 PM



#18
Hexachloroethane
Concen: 35.98 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.2	115.8
201	94.0	86.8	130.2





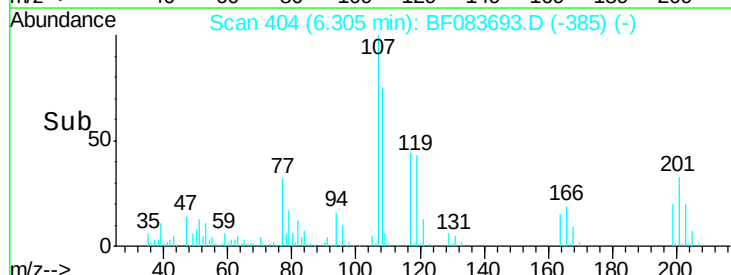
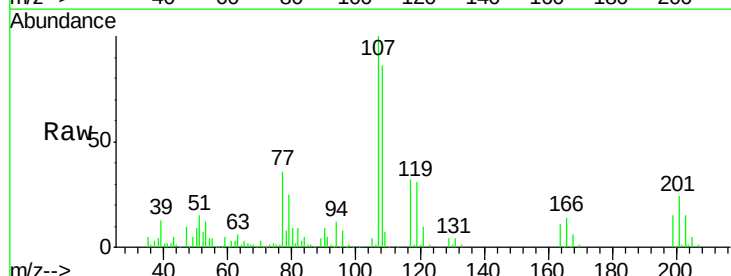
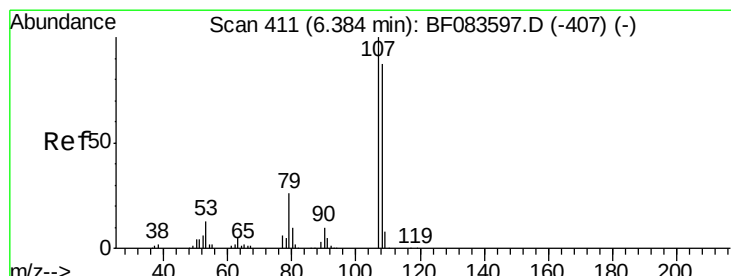
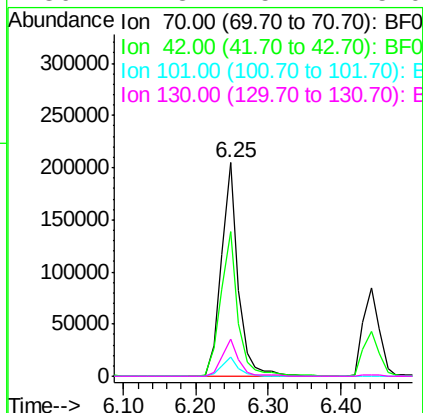
#19
n-Nitroso-di-n-propylamine
Concen: 38.88 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Manual Integrations
APPROVED

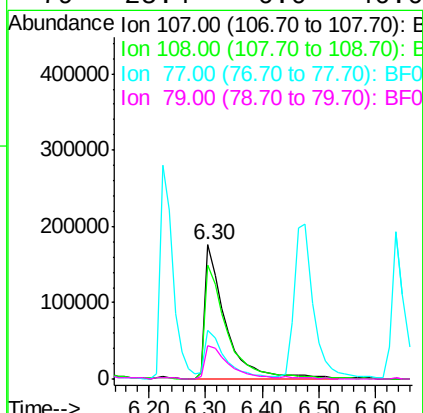
MMdadoda
12/11/2015 6:01:45 PM

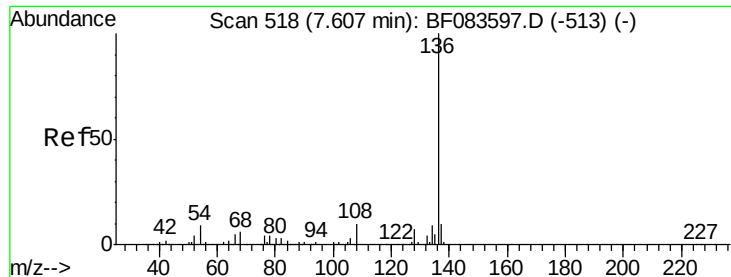
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.9	49.2	73.8	
101	8.8	7.1	10.7	
130	17.3	15.4	23.0	



#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	65.2	105.2	
77	36.4	15.2	55.2	
79	25.4	6.0	46.0	





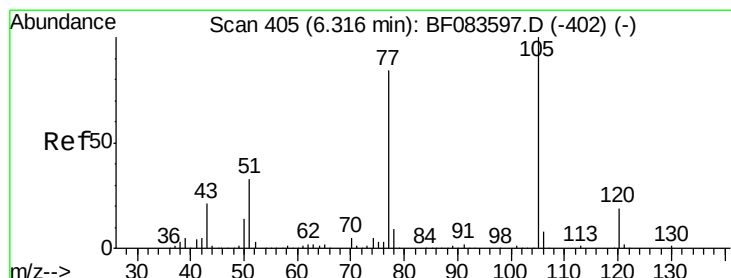
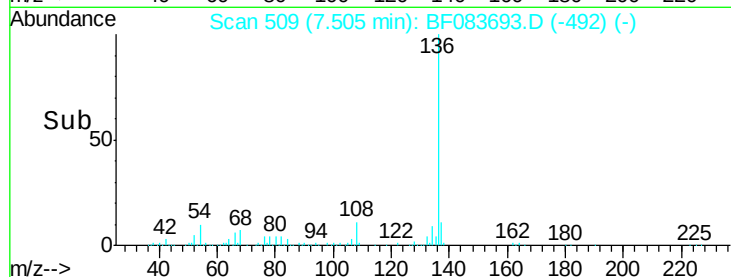
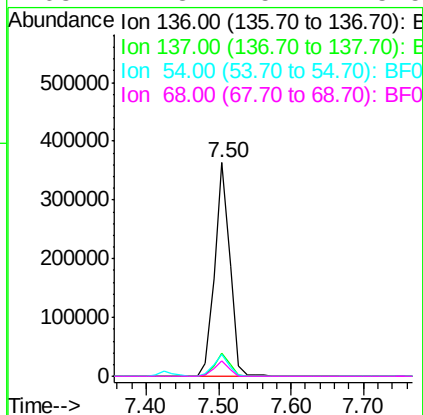
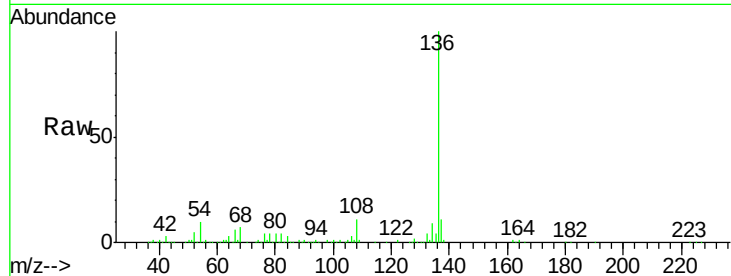
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.50 min Scan# 509
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	524772		
137	10.9		8.7	13.1
54	10.1		7.8	11.6
68	7.3		5.7	8.5

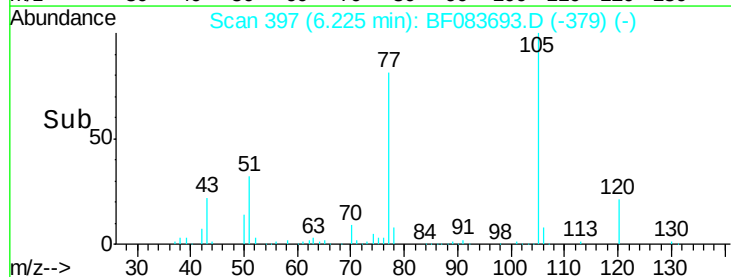
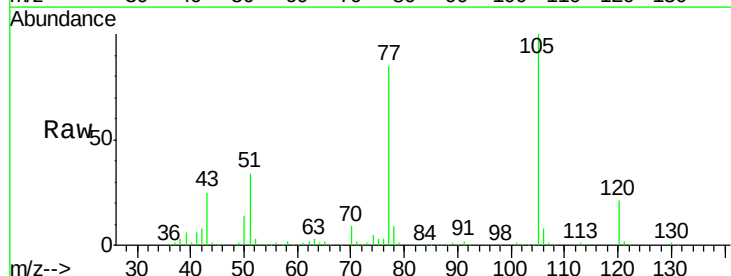
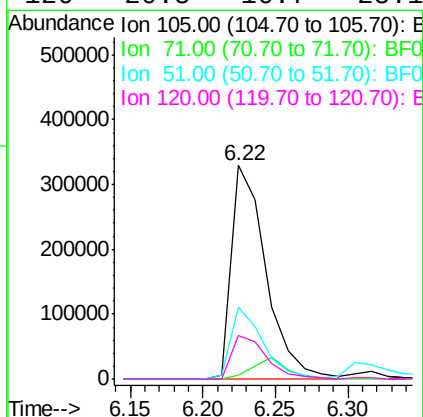
Manual Integrations
APPROVED

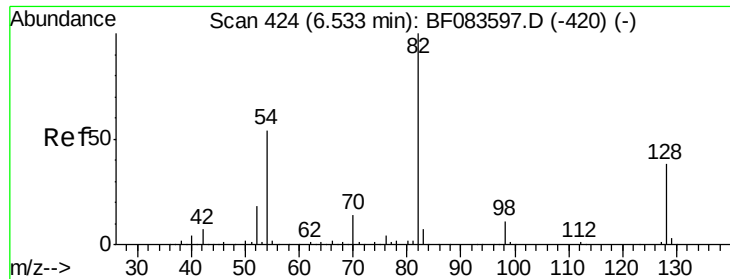
MMdadoda
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#22
Acetophenone
Concen: 37.05 ng
RT: 6.22 min Scan# 397
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	545361		
71	1.5		1.3	1.9
51	33.5		23.8	35.8
120	20.5		16.7	25.1





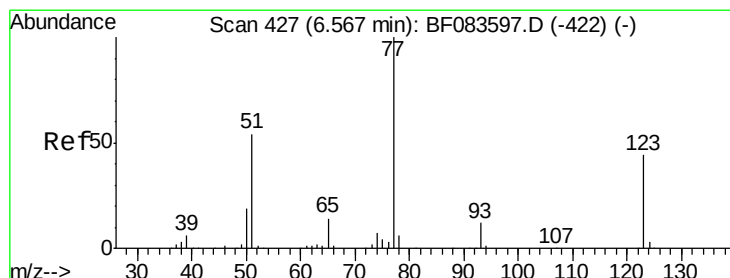
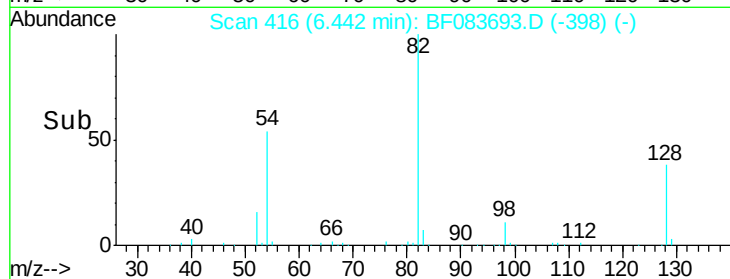
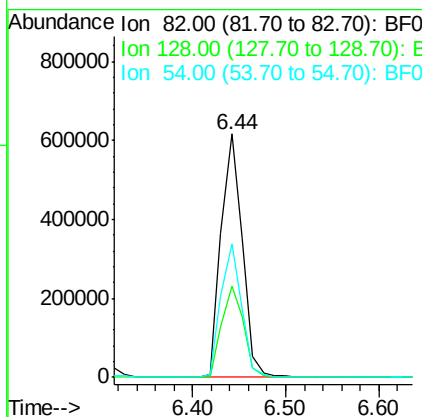
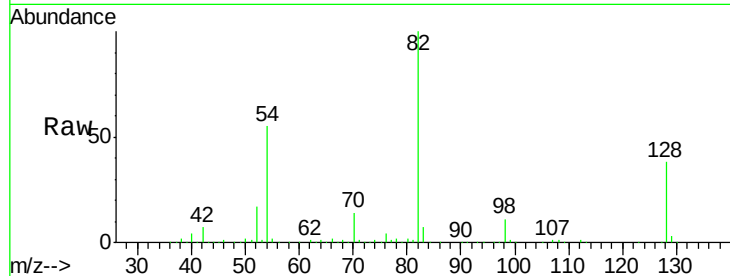
#23
 Nitrobenzene-d5
 Concen: 86.36 ng
 RT: 6.44 min Scan# 416
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	971209		
128	37.5	30.7	46.1	
54	54.6	42.5	63.7	

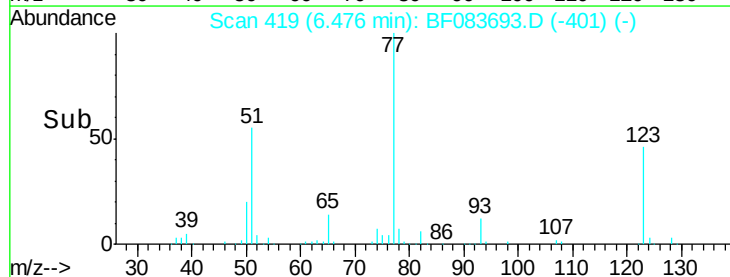
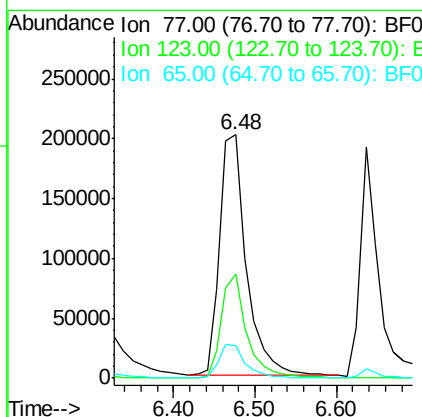
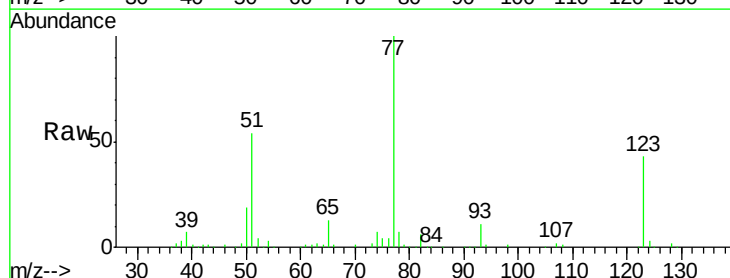
Manual Integrations
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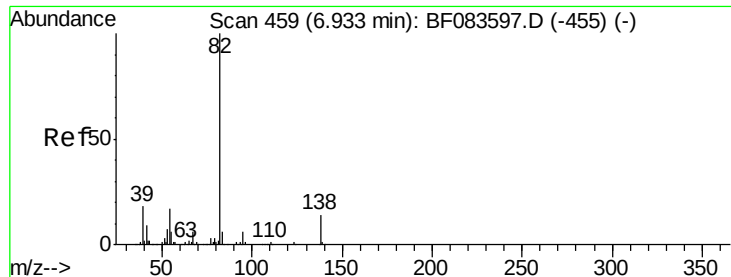
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 12/11/2015 6:01:45 PM



#24
 Nitrobenzene
 Concen: 36.65 ng
 RT: 6.48 min Scan# 419
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	455585		
123	42.7	29.8	44.6	
65	13.1	11.1	16.7	





#25

Isophorone

Concen: 38.54 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

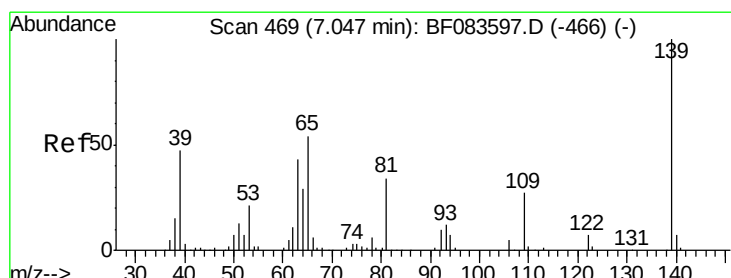
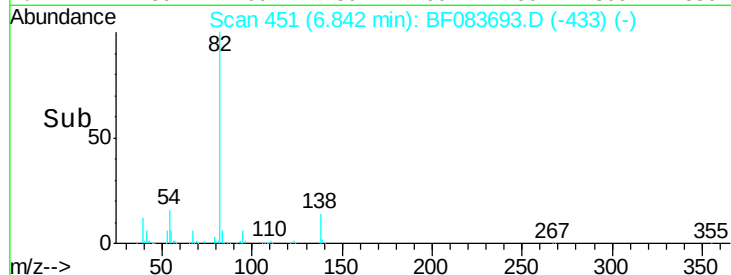
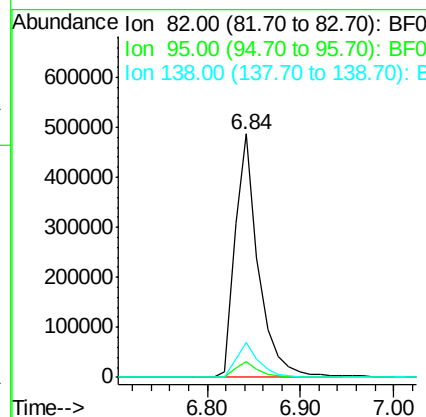
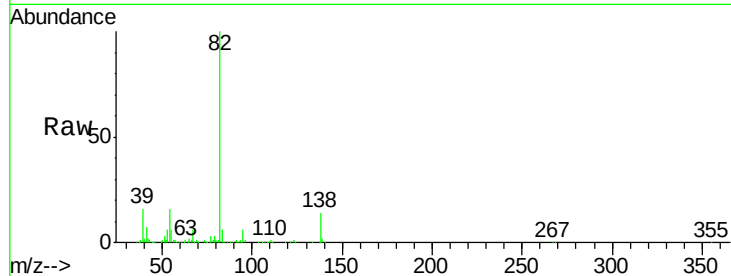
ClientSampleId :

A8-4CMSD

Tot Ion:	82	Resp:	841237
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.0	7.4
138	14.2	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.70 ng

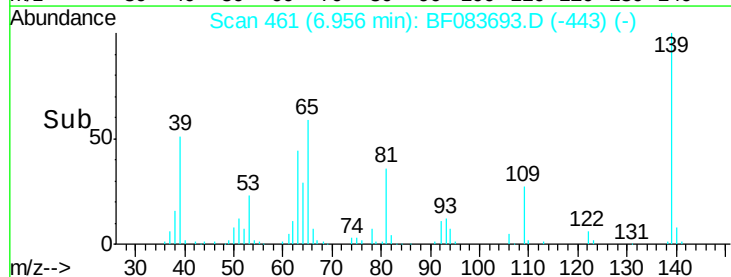
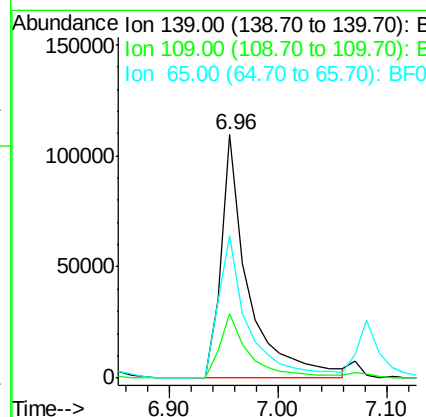
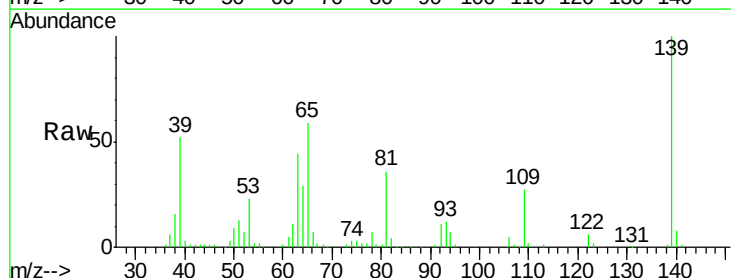
RT: 6.96 min Scan# 461

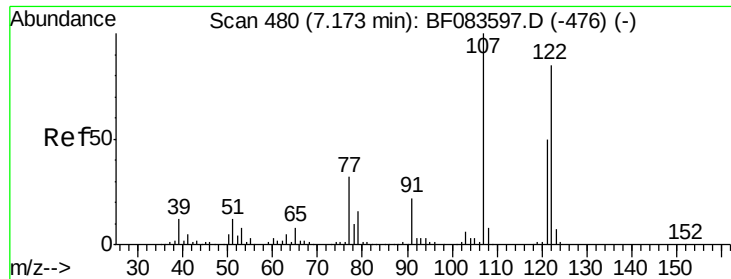
Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	139	Resp:	191013
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	58.6	51.8	77.8





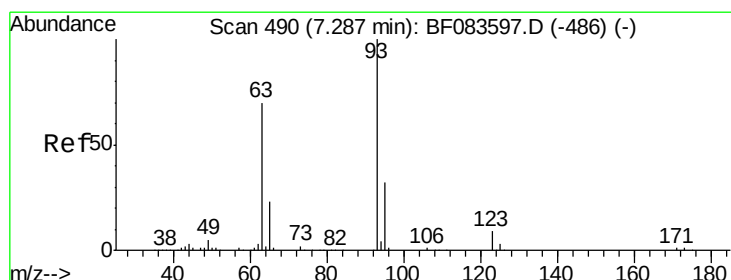
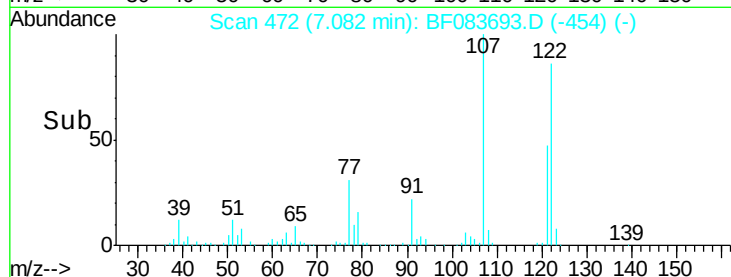
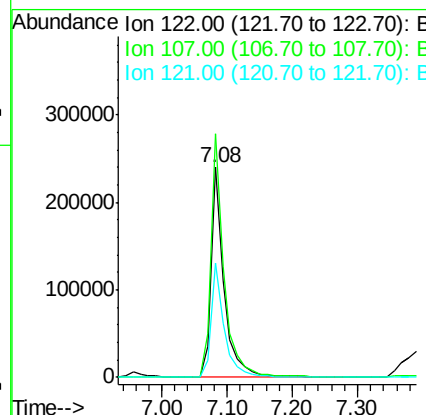
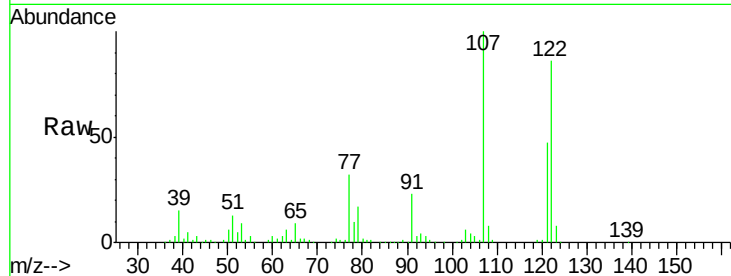
#27
 2,4-Dimethylphenol
 Concen: 38.55 ng
 RT: 7.08 min Scan# 472
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	332797		
107	116.0	92.4	138.6	
121	54.7	45.8	68.6	

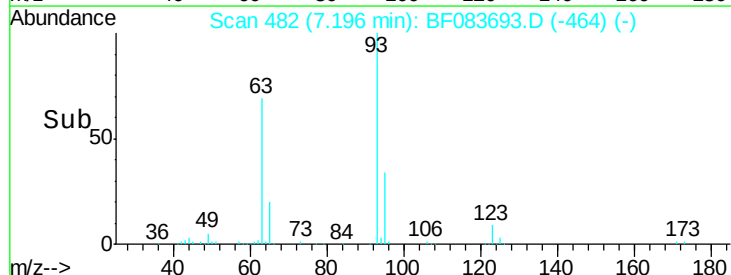
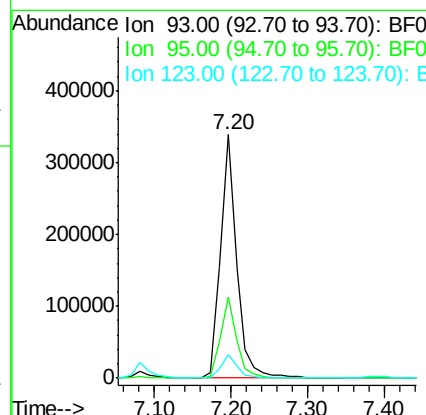
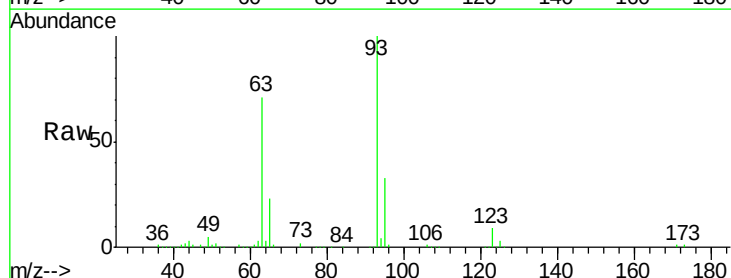
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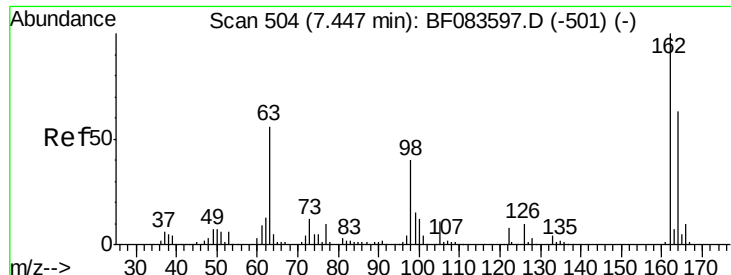
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.40 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	501788		
95	33.4	25.6	38.4	
123	9.5	7.3	10.9	





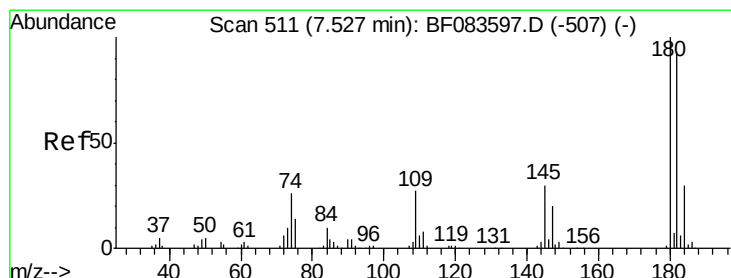
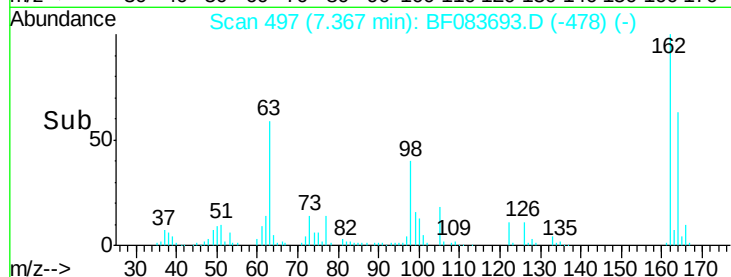
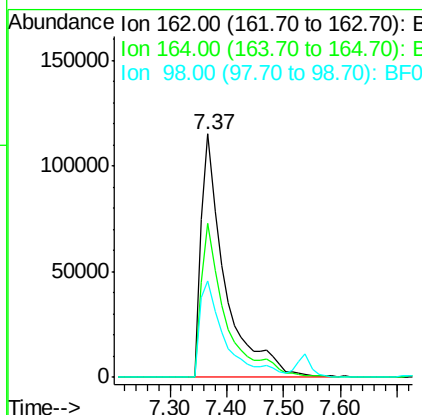
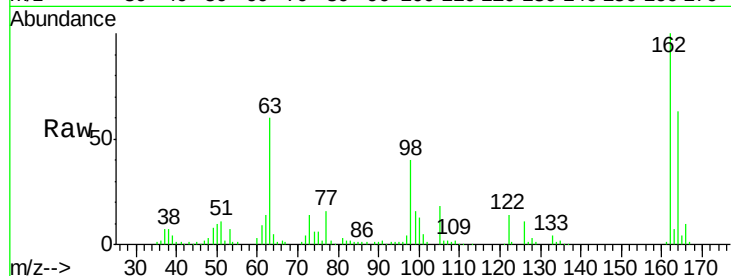
#29
2,4-Dichlorophenol
Concen: 41.87 ng
RT: 7.37 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion:	162	Resp:	328805
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.4	83.4
98	39.6	17.5	57.5

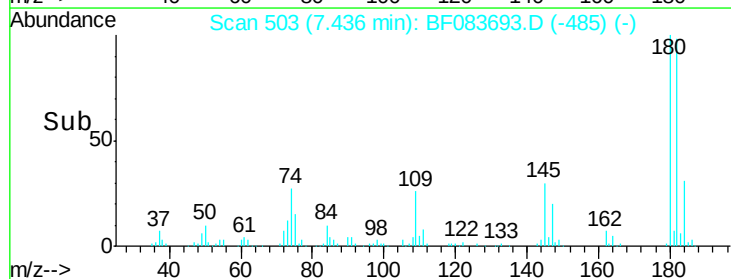
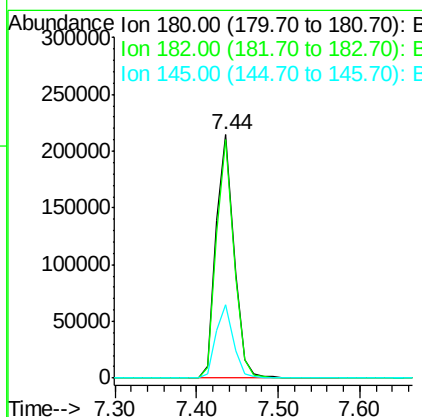
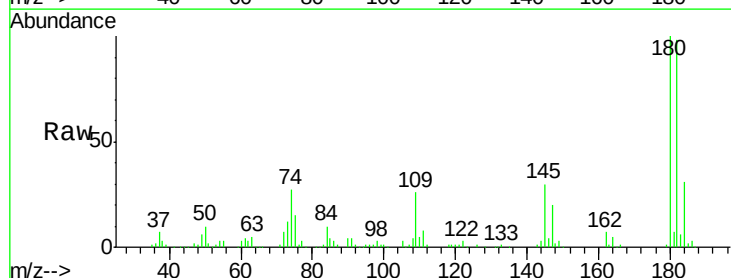
Manual Integrations
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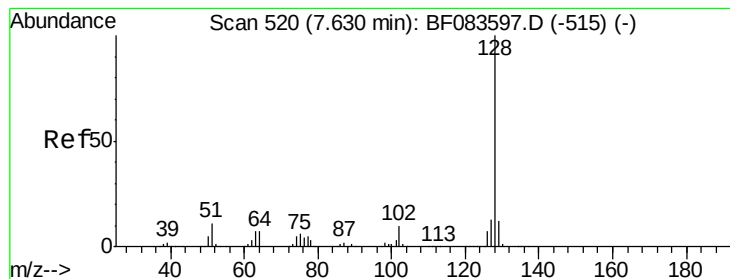
MMdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 37.96 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion:	180	Resp:	329226
Ion Ratio	Lower	Upper	
180	100		
182	97.8	74.9	112.3
145	30.0	24.7	37.1





#31

Naphthalene

Concen: 39.76 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tot Ion:128 Resp: 1104951

Ion Ratio Lower Upper

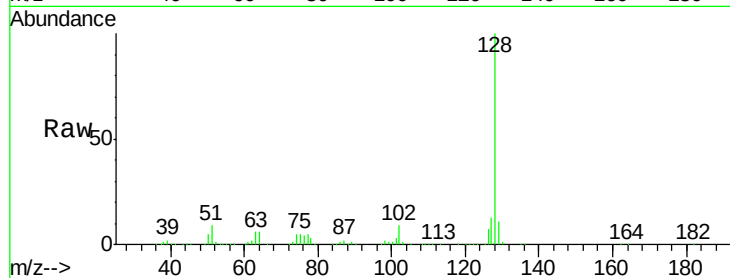
128 100

129 11.0 8.6 13.0

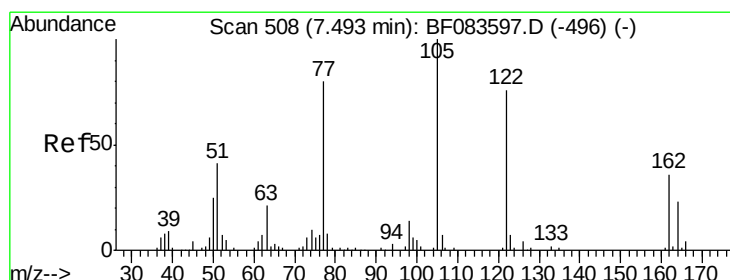
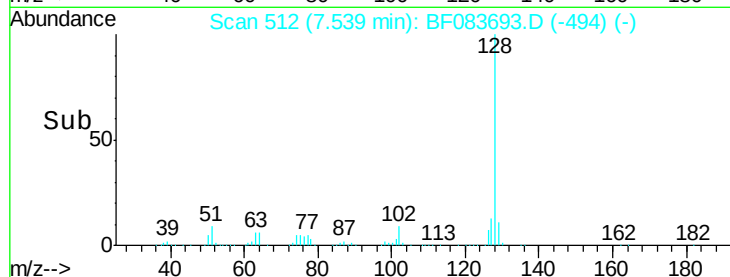
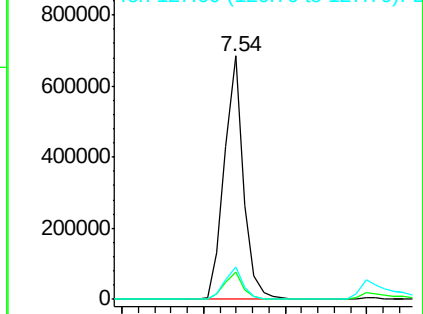
127 13.1 10.6 16.0

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



#32

Benzoic acid

Concen: 19.68 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

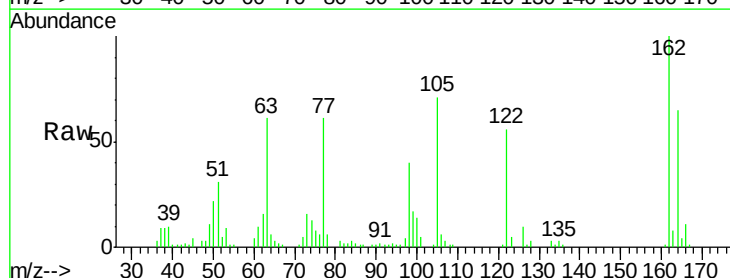
Tgt Ion:122 Resp: 98311

Ion Ratio Lower Upper

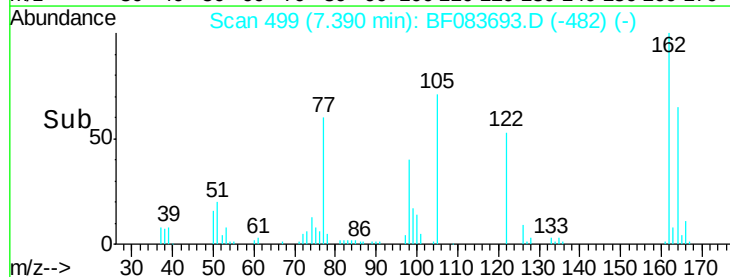
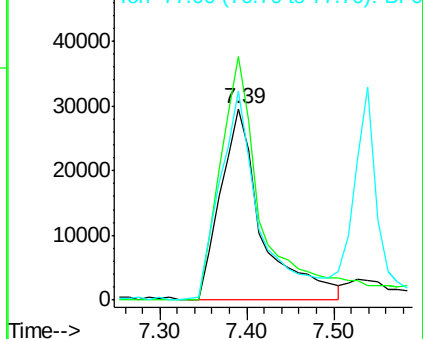
122 100

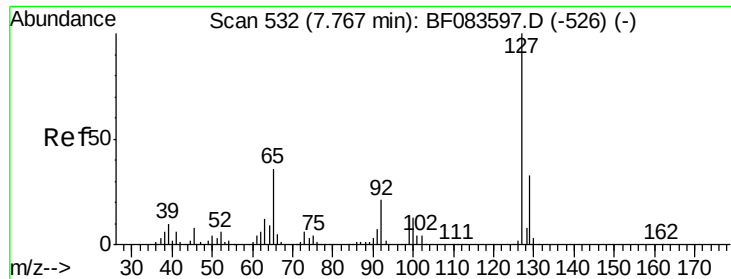
105 127.3 105.6 145.6

77 109.1 86.8 126.8



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





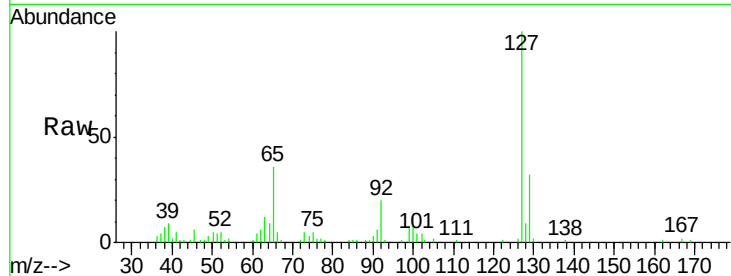
#33
4-Chloroaniline
Concen: 16.25 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

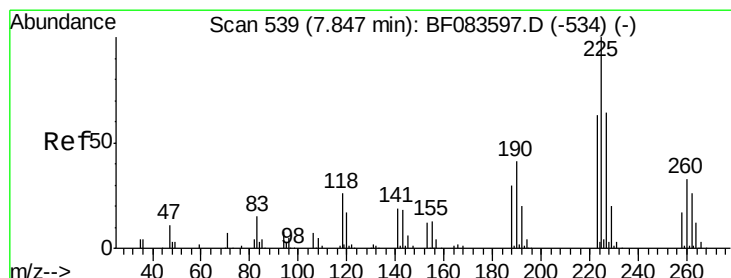
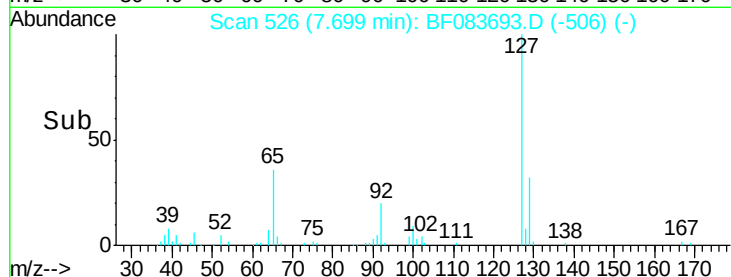
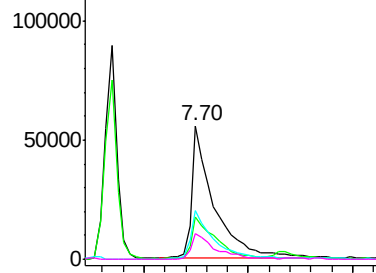
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.1	39.1		
65	36.4	33.5	50.3		
92	19.6	18.6	28.0		

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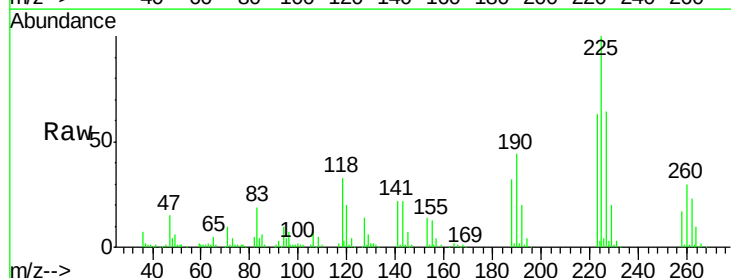


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

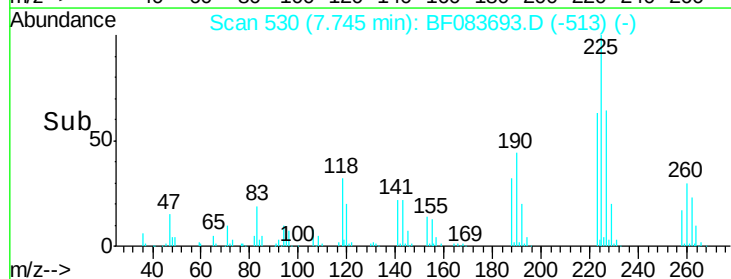
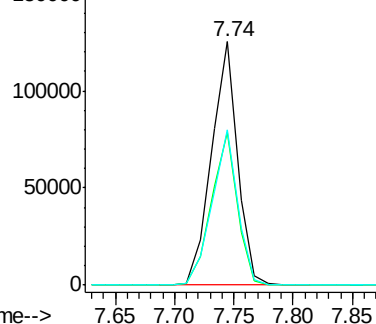


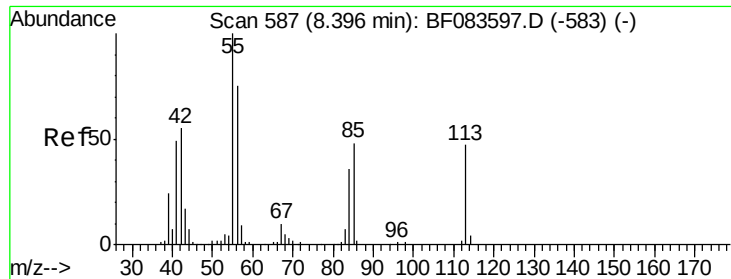
#34
Hexachlorobutadiene
Concen: 37.91 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	52.3	78.5		
227	63.8	50.4	75.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.95 ng/ml

RT: 8.28 min Scan# 577

Delta R.T. -0.11 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

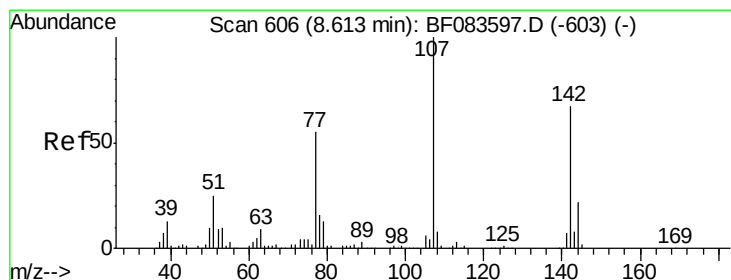
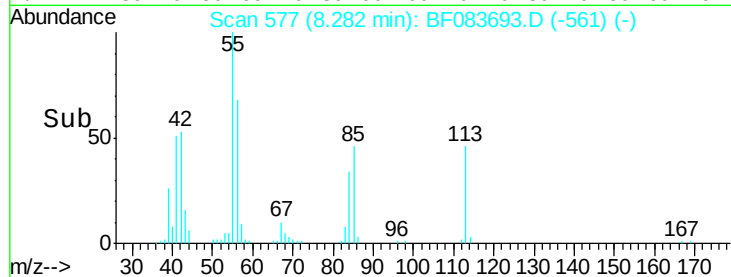
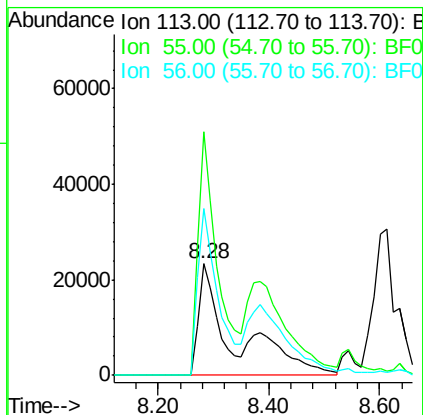
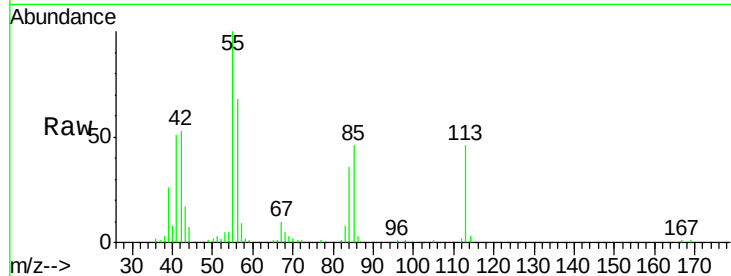
ClientSampleId :

A8-4CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.5	189.7	229.7
56	149.5	130.7	170.7

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#36

4-Chloro-3-methylphenol

Concen: 40.83 ng/ml

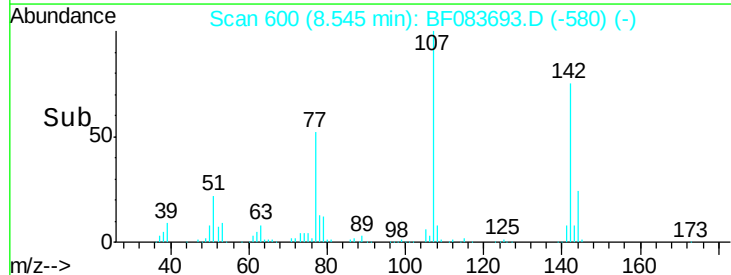
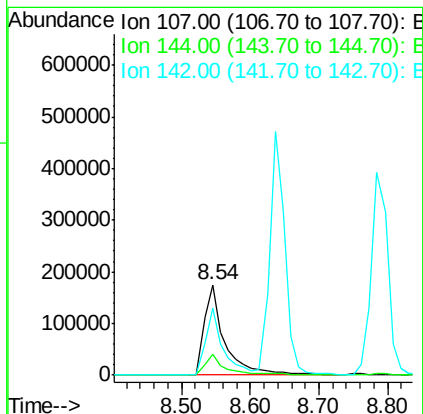
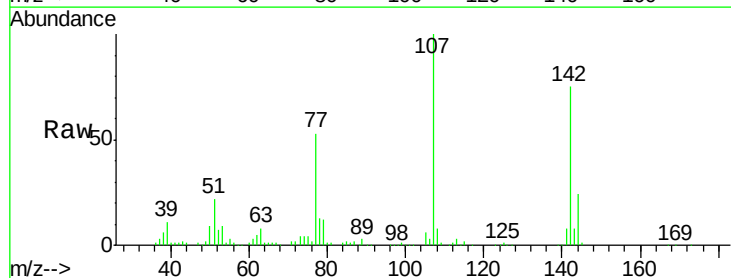
RT: 8.54 min Scan# 600

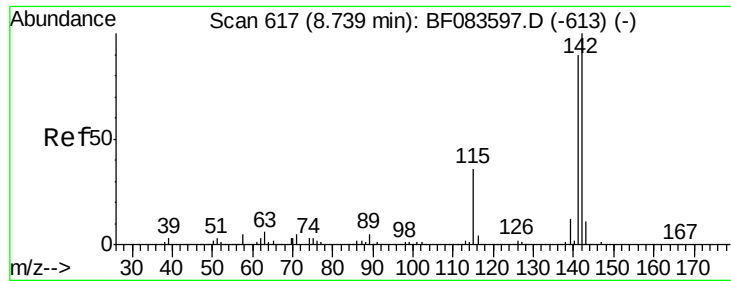
Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.5	26.3
142	74.9	53.6	80.4





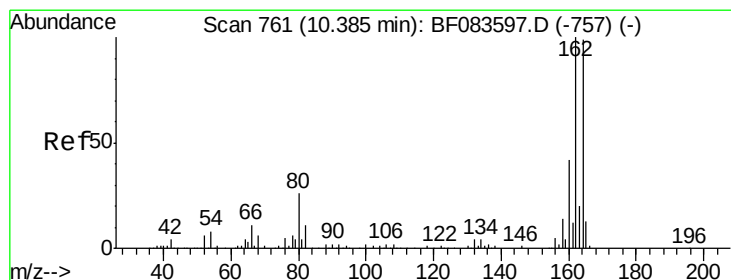
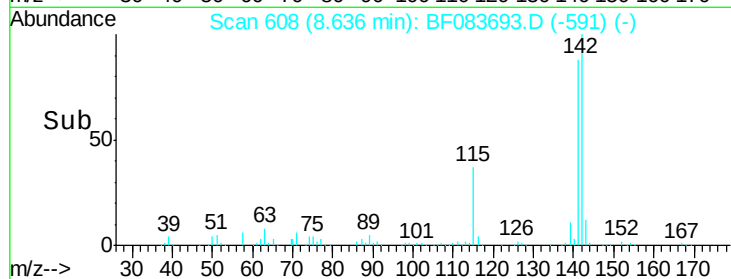
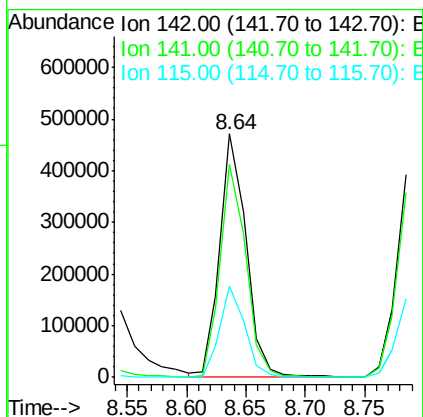
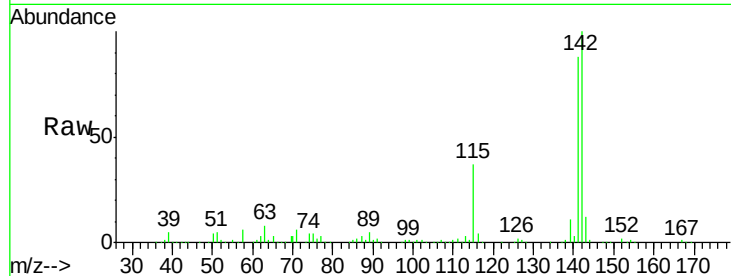
#37
2-Methylnaphthalene
Concen: 41.70 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	37.4	29.2	43.8

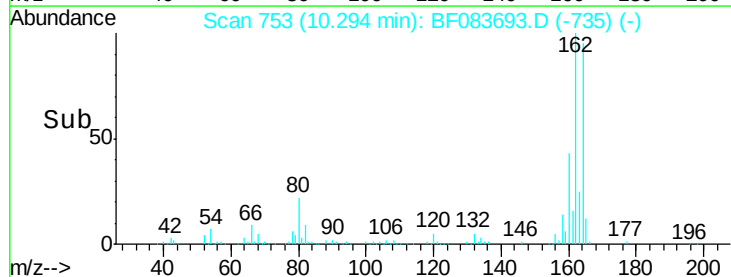
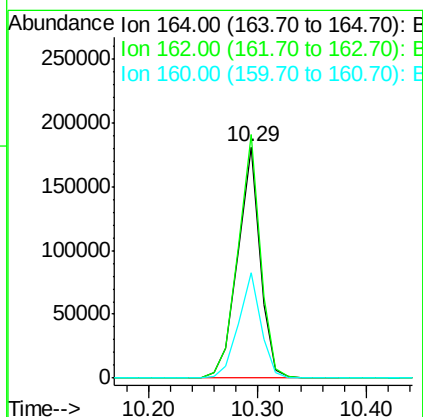
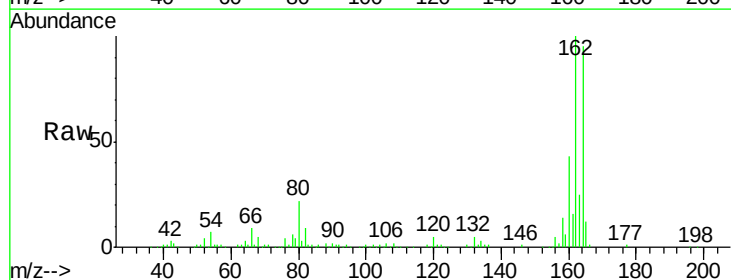
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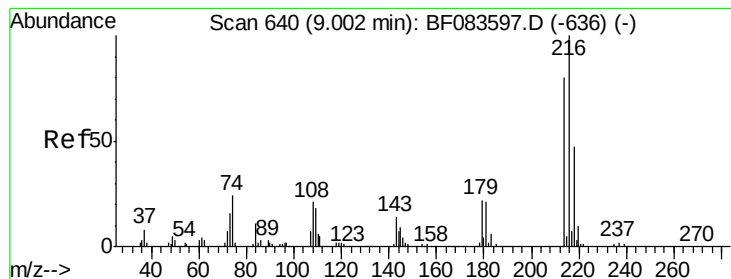
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	45.5	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.72 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

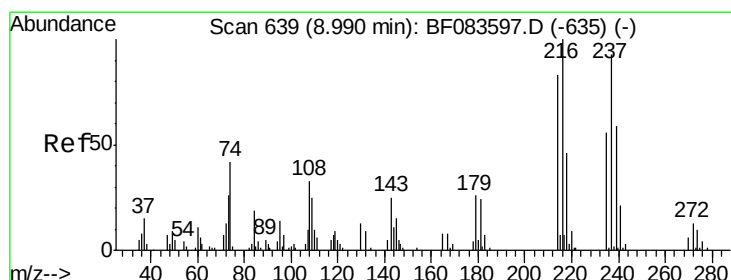
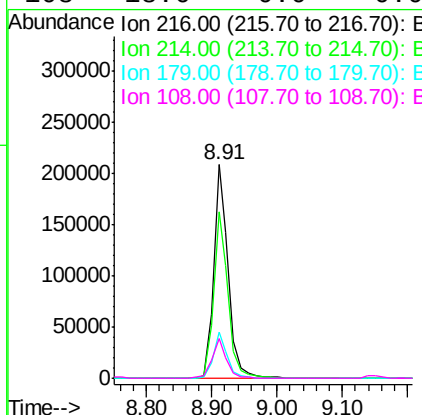
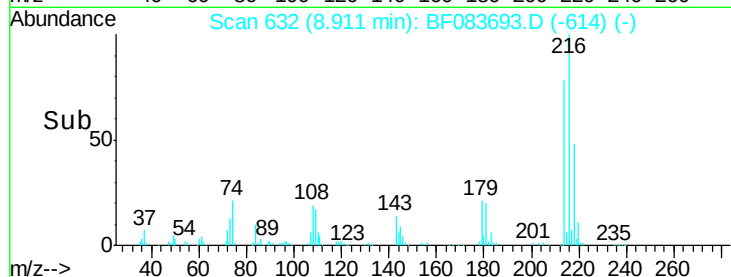
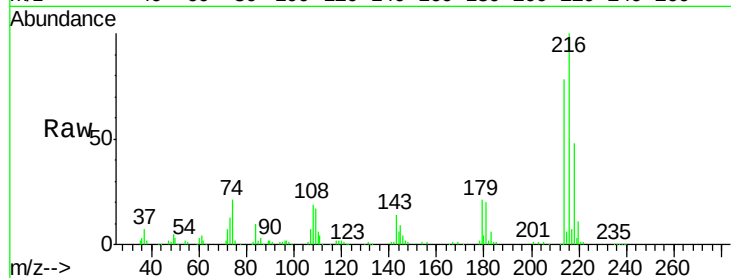
ClientSampleId :

A8-4CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		325622		
214	77.8	0.0	0.0#		
179	20.3	0.0	0.0#		
108	18.6	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 46.13 ng

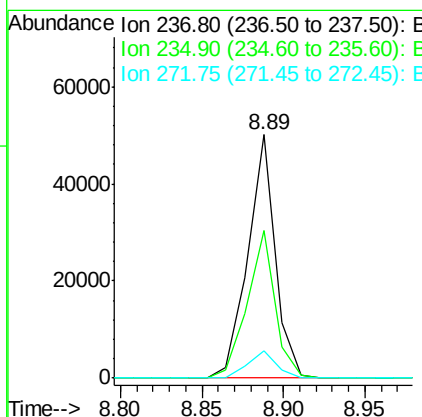
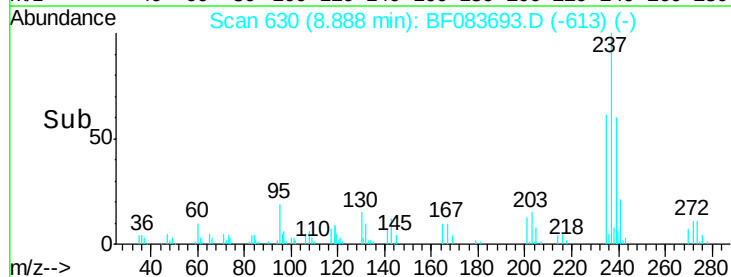
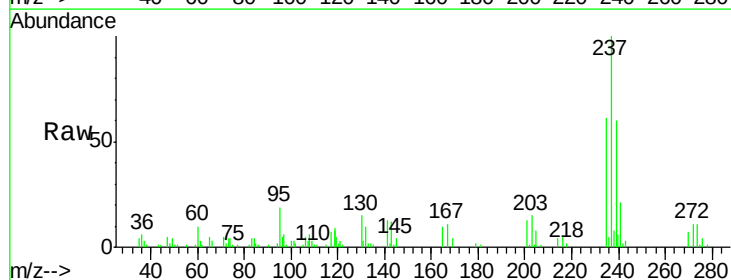
RT: 8.89 min Scan# 630

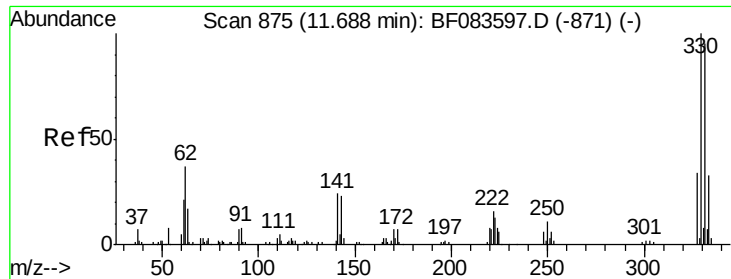
Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		58468		
235	60.6	43.9	83.9		
272	11.2	0.0	31.8		





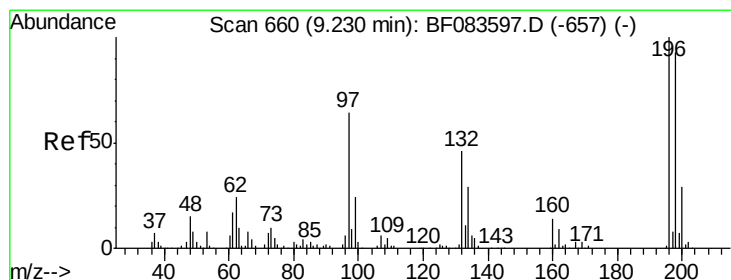
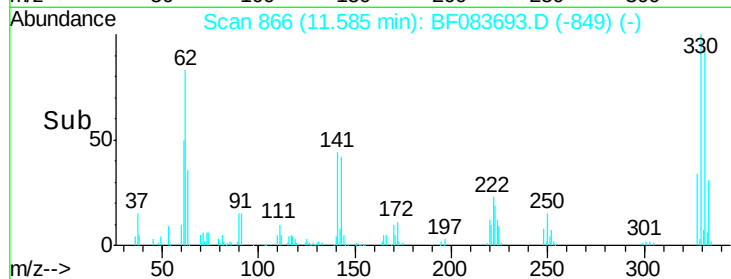
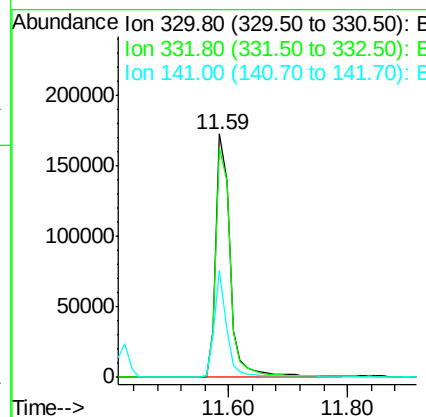
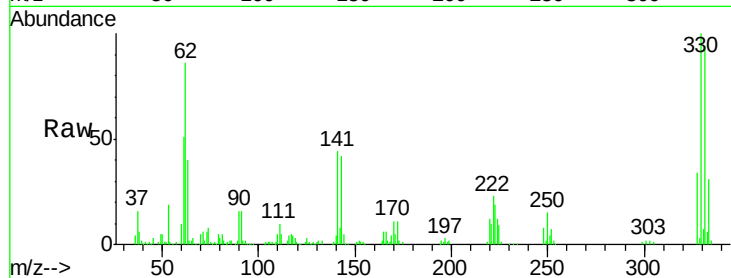
#41
 2,4,6-Tribromophenol
 Concen: 127.52 ng
 RT: 11.59 min Scan# 866
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	37.9	0.0	0.0#

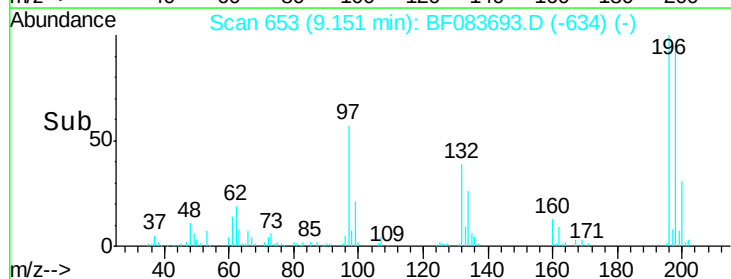
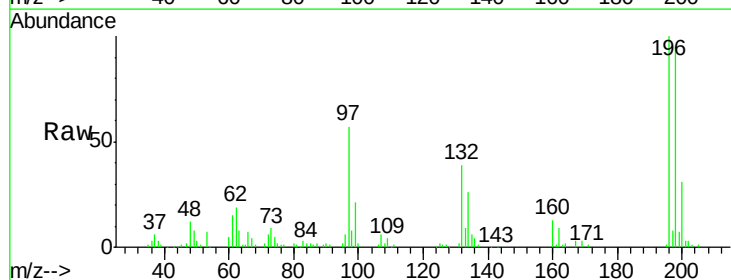
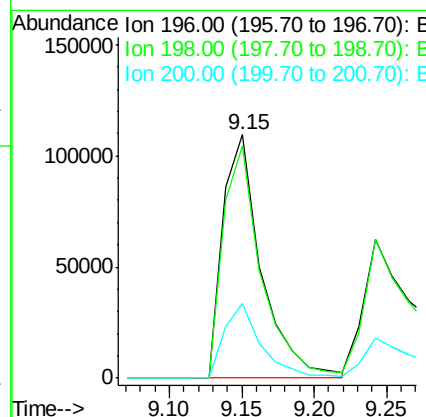
Manual Integrations
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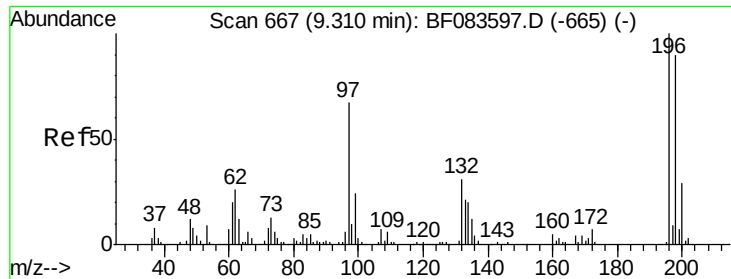
MMdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.4	75.2	112.8
200	30.6	23.0	34.6





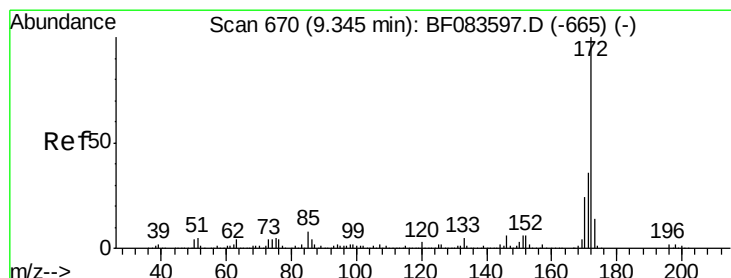
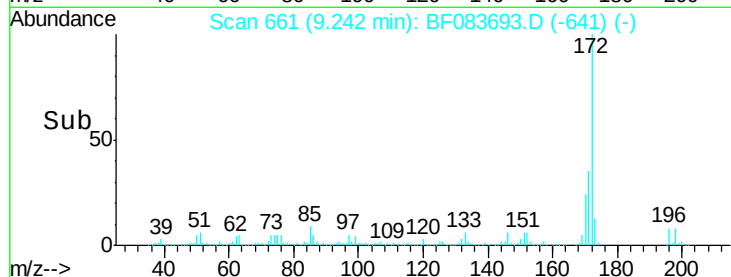
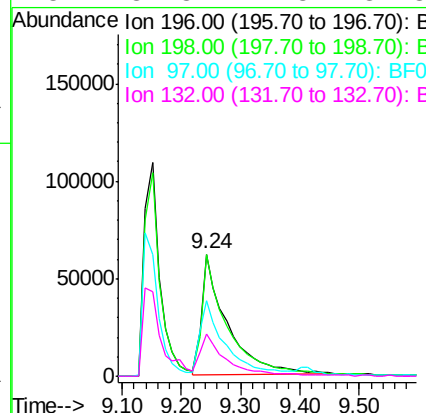
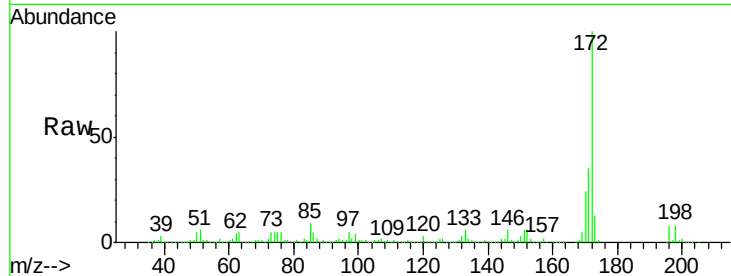
#43
2,4,5-Trichlorophenol
Concen: 38.08 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188629		
198	99.8	77.7	116.5	
97	62.3	41.2	61.8	
132	34.8	21.8	32.8	

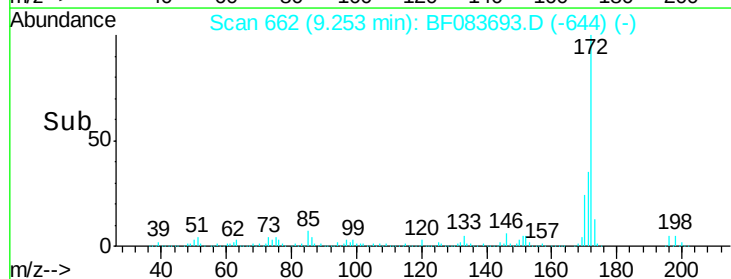
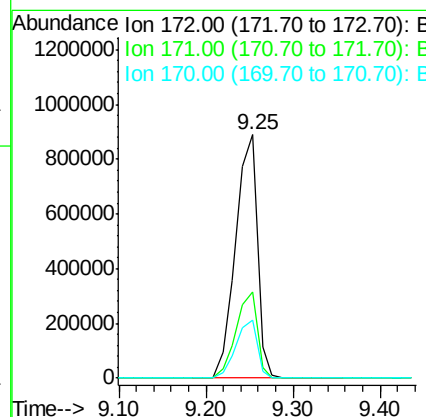
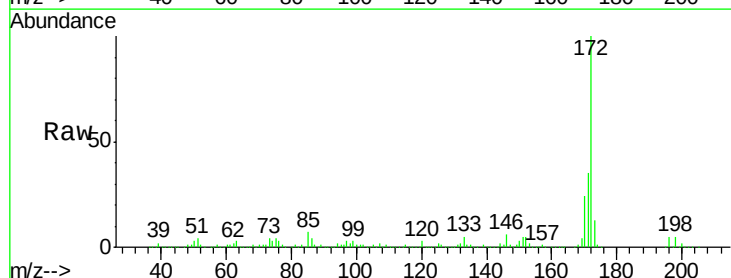
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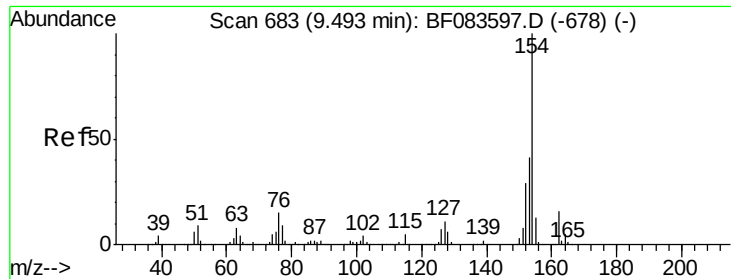
MMdadoda
12/11/2015 6:01:45 PM



#44
2-Fluorobiphenyl
Concen: 84.93 ng
RT: 9.25 min Scan# 662
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1545604		
171	35.4	28.6	42.8	
170	23.7	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 38.33 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

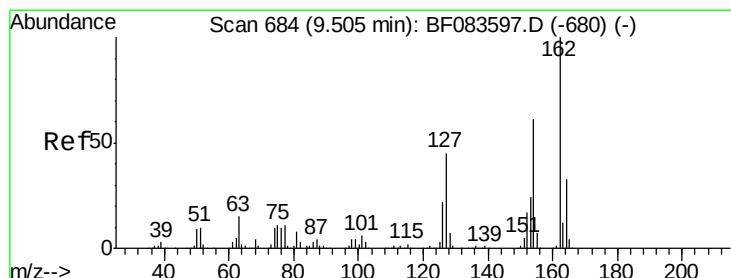
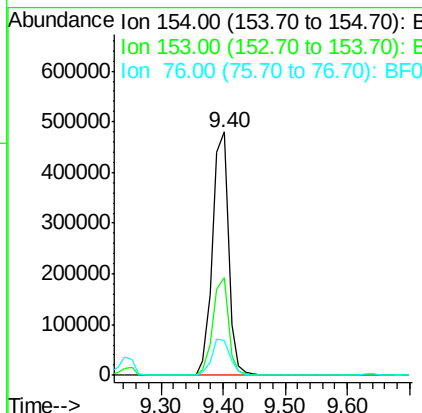
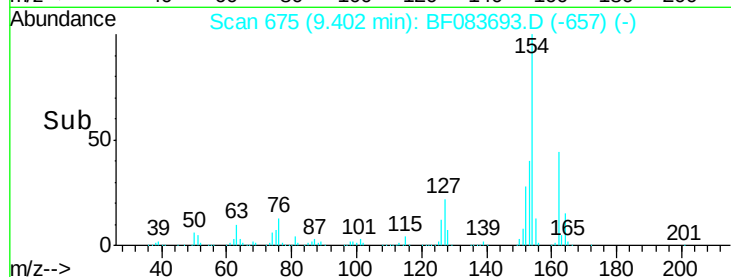
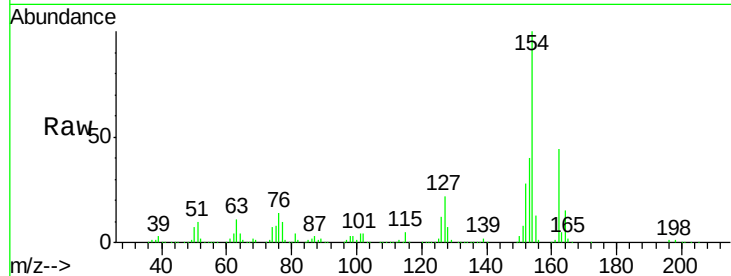
ClientSampleId :

A8-4CMSD

Tot Ion:	154	Resp:	853315
Ion Ratio		Lower	Upper
154	100		
153	39.9	20.2	60.2
76	14.4	0.0	34.8

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12/11/2015 6:01:45 PM



#46

2-Chloronaphthalene

Concen: 39.71 ng

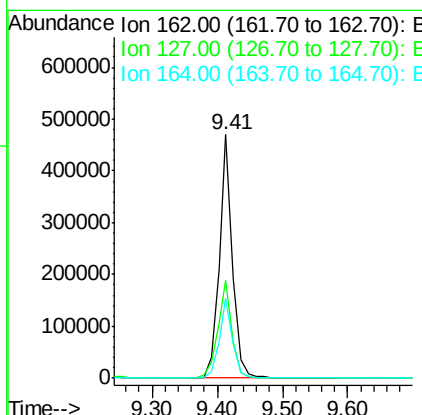
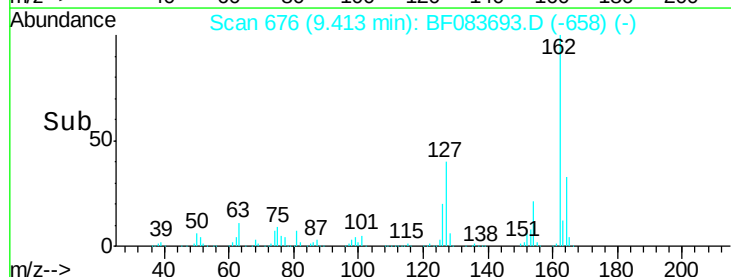
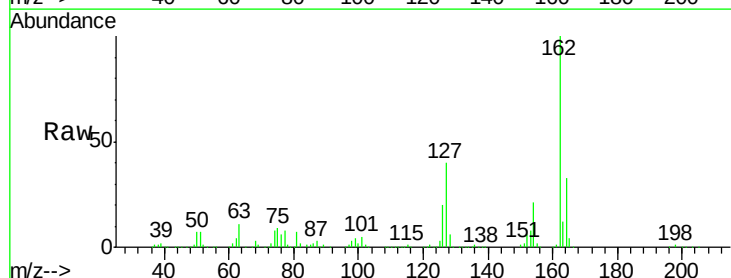
RT: 9.41 min Scan# 676

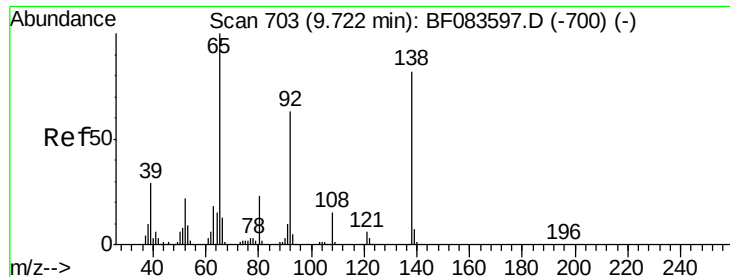
Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	162	Resp:	667403
Ion Ratio		Lower	Upper
162	100		
127	40.2	31.0	46.4
164	32.9	27.4	41.0





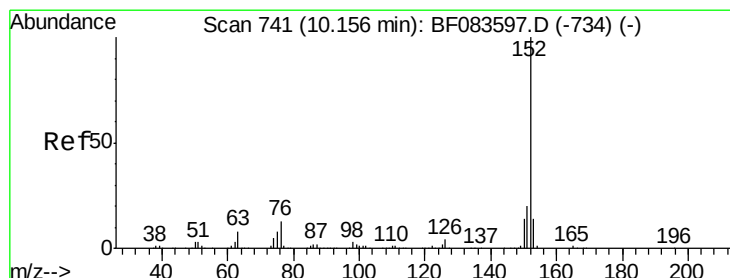
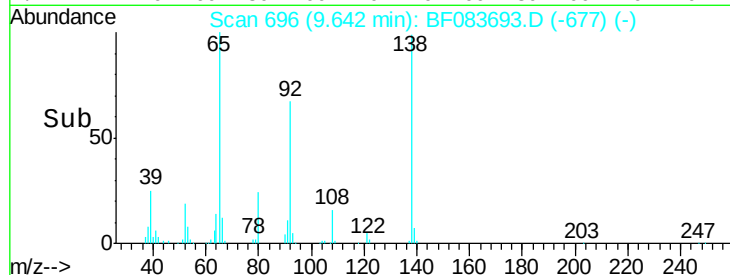
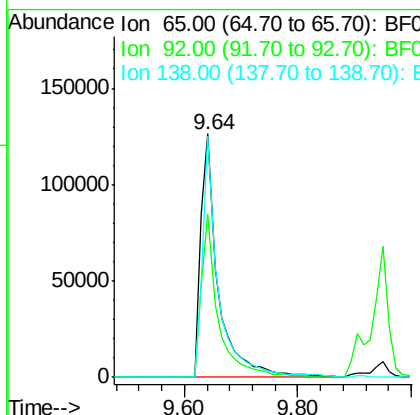
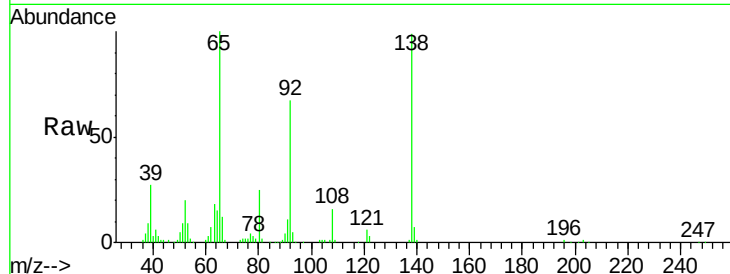
#47
2-Nitroaniline
Concen: 43.19 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	49.6	74.4
138	98.9	64.1	96.1

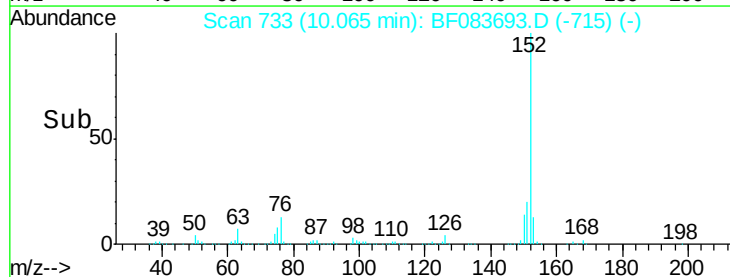
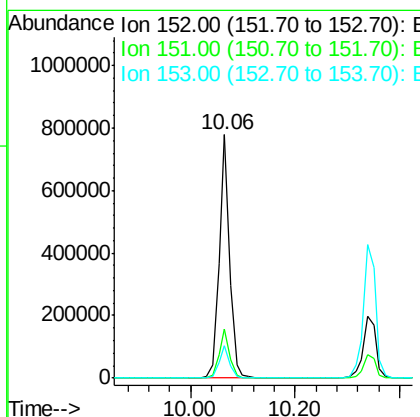
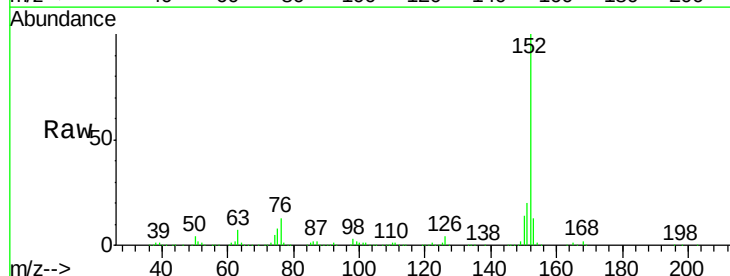
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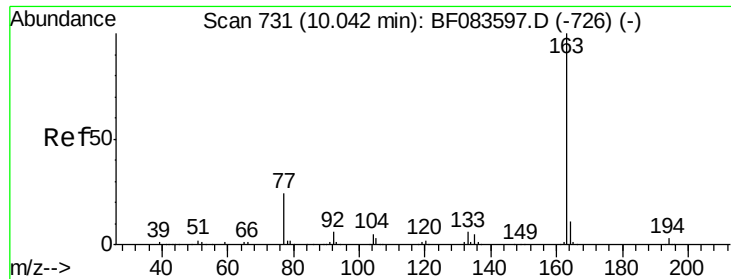
MMdadoda
12/11/2015 6:01:45 PM



#48
Acenaphthylene
Concen: 38.59 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.4	10.8	16.2





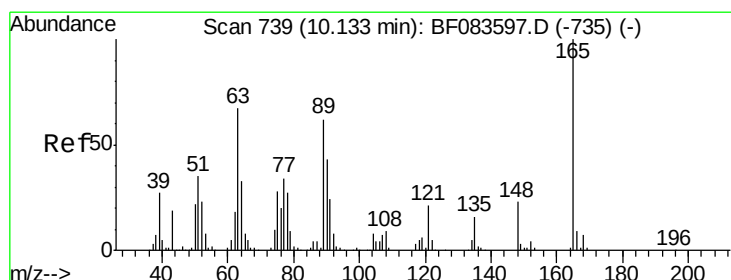
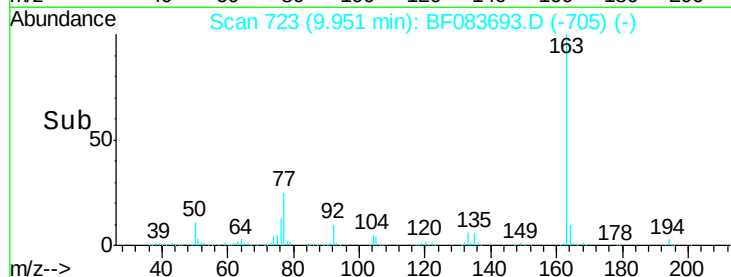
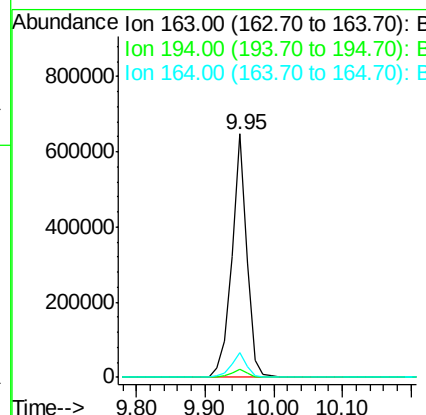
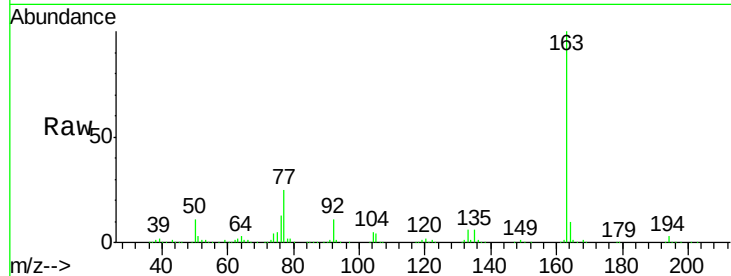
#49
Dimethylphthalate
Concen: 49.05 ng
RT: 9.95 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.6	13.0

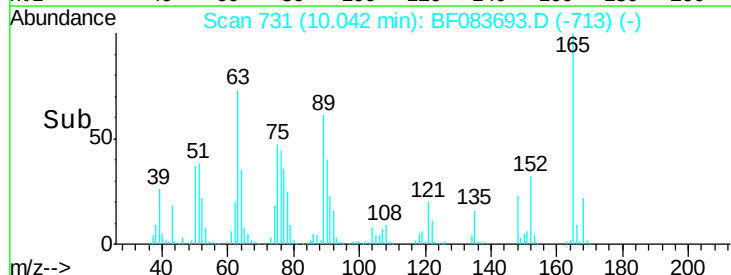
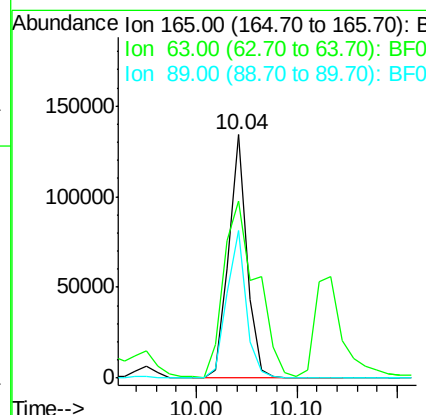
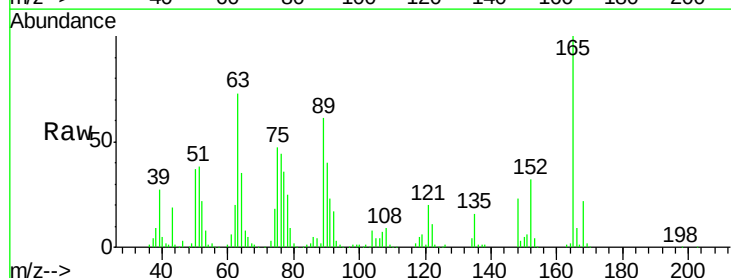
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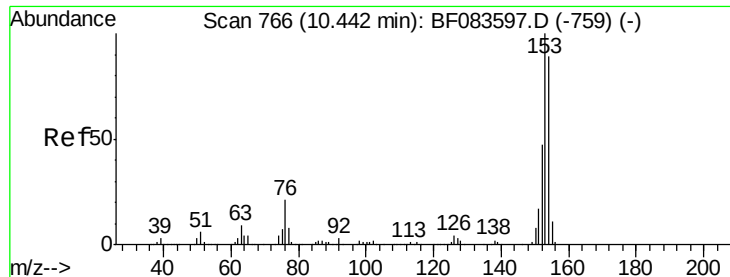
MMdadoda
12/11/2015 6:01:45 PM



#50
2,6-Dinitrotoluene
Concen: 40.67 ng
RT: 10.04 min Scan# 731
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.7	56.9	85.3
89	60.6	52.1	78.1





#51

Acenaphthene

Concen: 39.31 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

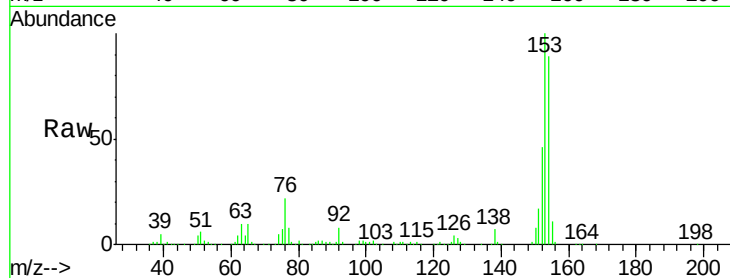
ClientSampleId :

A8-4CMSD

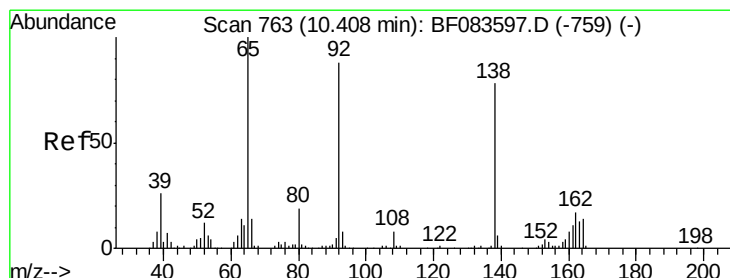
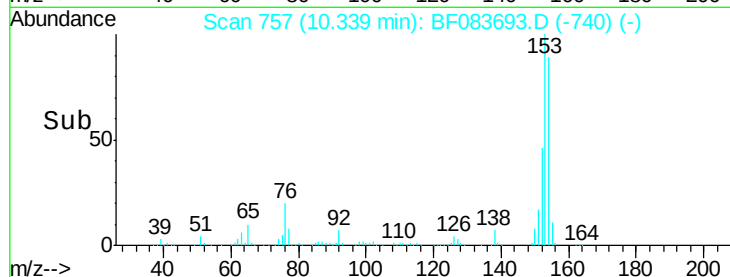
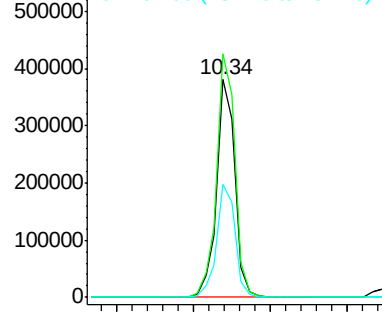
Tot Ion:	154	Resp:	623658
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.4	137.0
152	52.0	43.4	65.2

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



#52

3-Nitroaniline

Concen: 24.09 ng

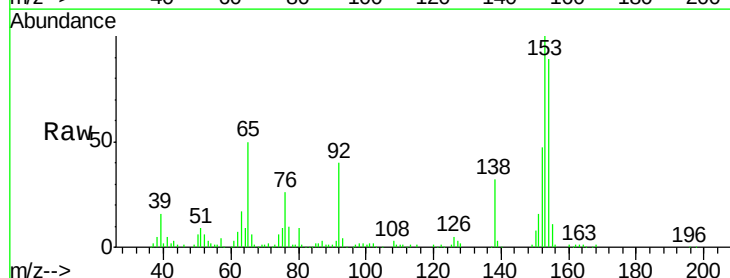
RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

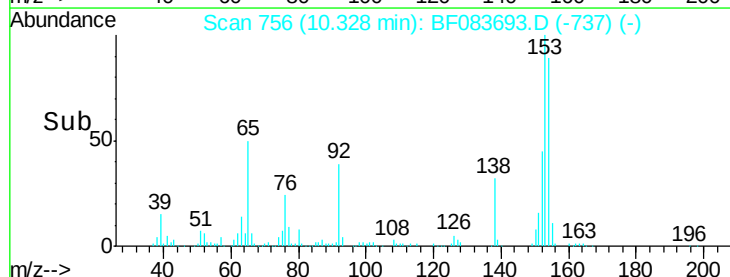
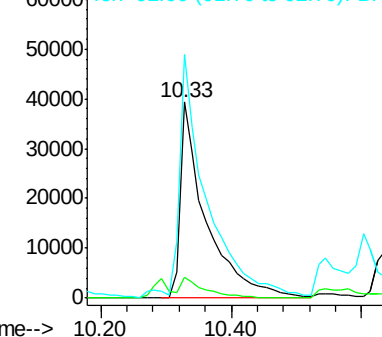
Lab File: BF083693.D

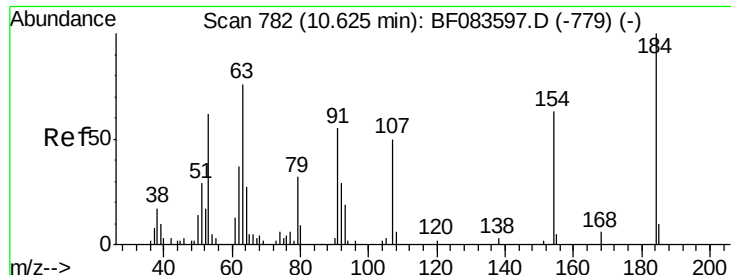
Acq: 10 Dec 2015 23:31

Tgt Ion:	138	Resp:	107773
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.9	14.9
92	124.2	113.8	170.8



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: 60.04 ng

RT: 10.54 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF083693.D

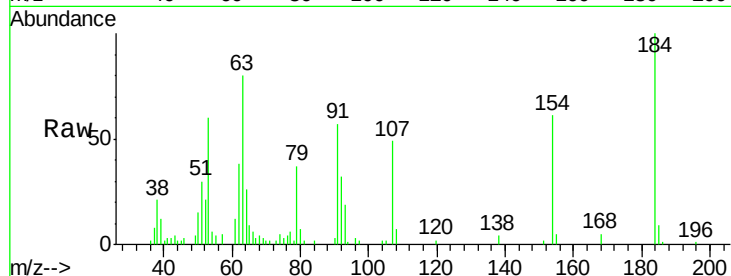
Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

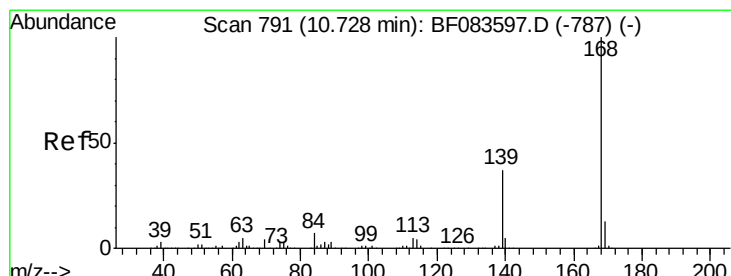
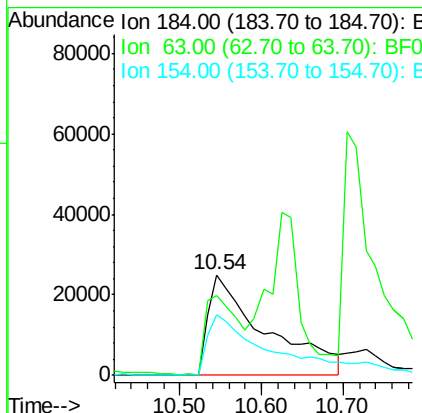
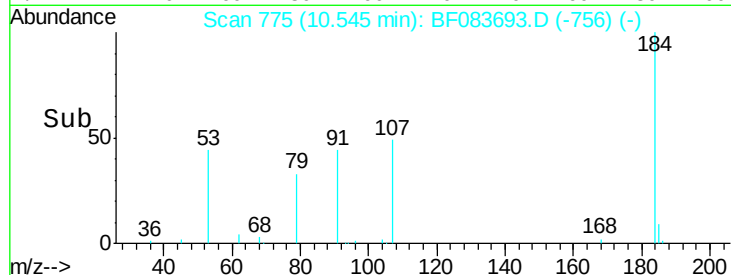
A8-4CMSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		121947		
63	79.6	62.4	93.6		
154	60.5	46.6	69.8		

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12/11/2015 6:01:45 PM



#54

Dibenzofuran

Concen: 42.91 ng

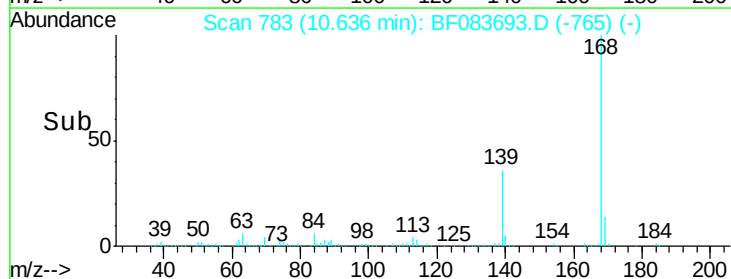
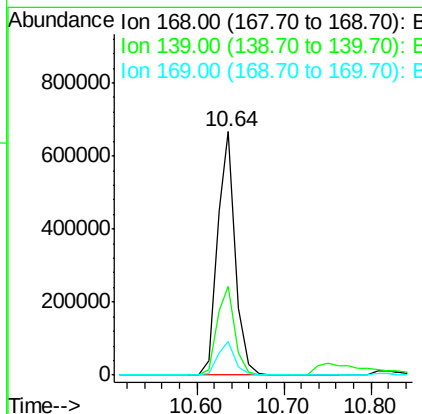
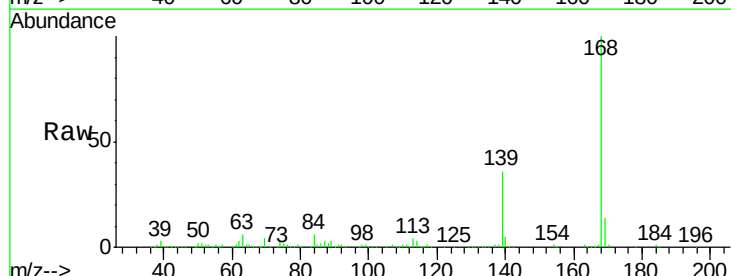
RT: 10.64 min Scan# 783

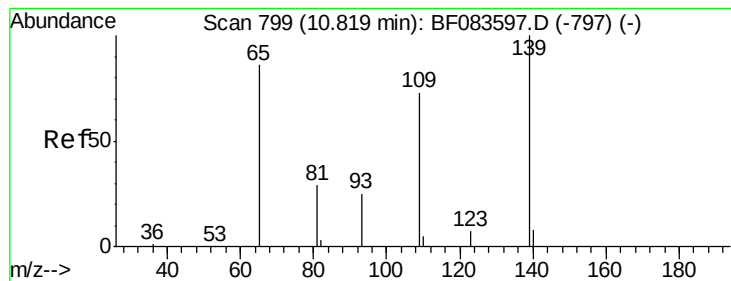
Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		944082		
139	36.2	28.0	42.0		
169	13.6	10.8	16.2		





#55

4-Nitrophenol

Concen: 82.02 ng

RT: 10.75 min Scan# 793

Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

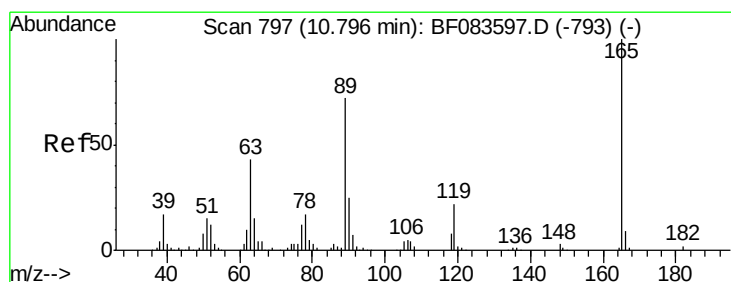
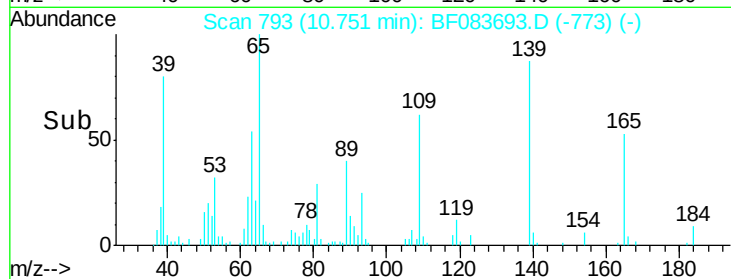
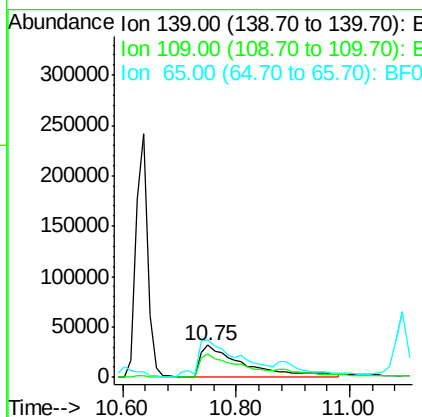
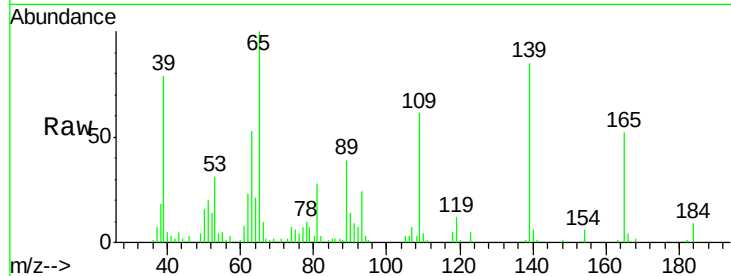
ClientSampleId :

A8-4CMSD

Tot Ion:	139	Resp:	161559
Ion Ratio	Lower	Upper	
139	100		
109	71.6	42.0	82.0
65	117.3	89.2	129.2

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#56

2,4-Dinitrotoluene

Concen: 42.57 ng

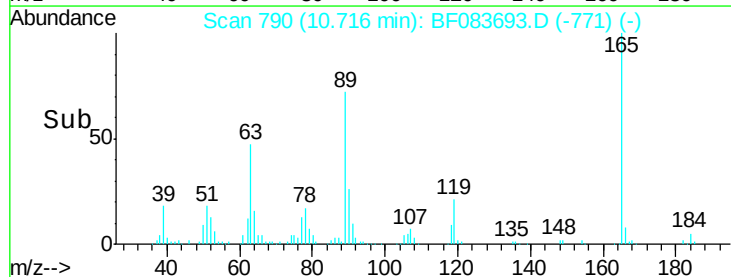
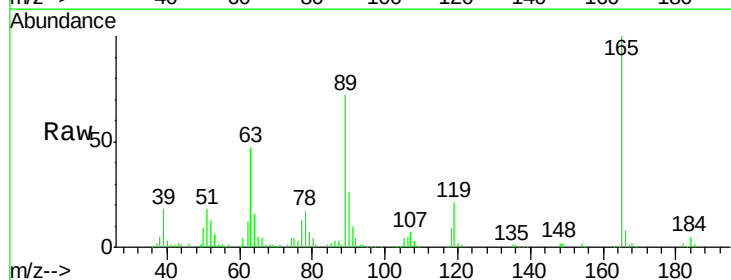
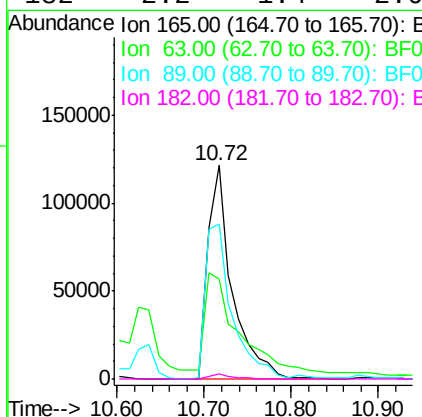
RT: 10.72 min Scan# 790

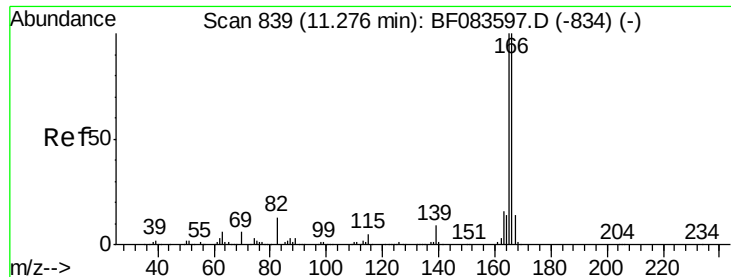
Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	165	Resp:	237678
Ion Ratio	Lower	Upper	
165	100		
63	46.8	51.4	77.2#
89	72.4	72.6	108.8#
182	2.2	1.4	2.0#





#57

Fluorene

Concen: 39.29 ng

RT: 11.19 min Scan# 831

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

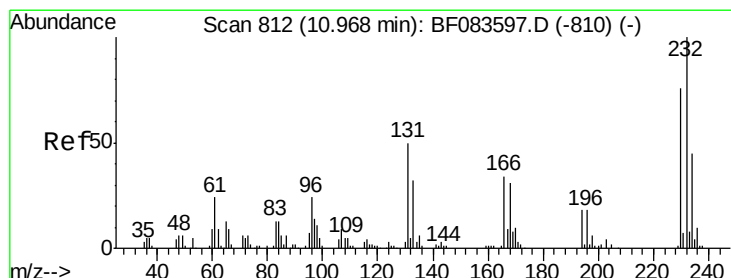
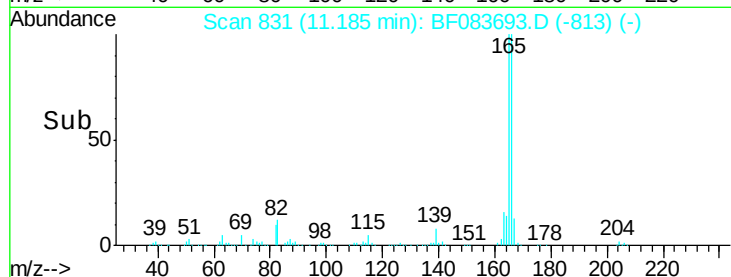
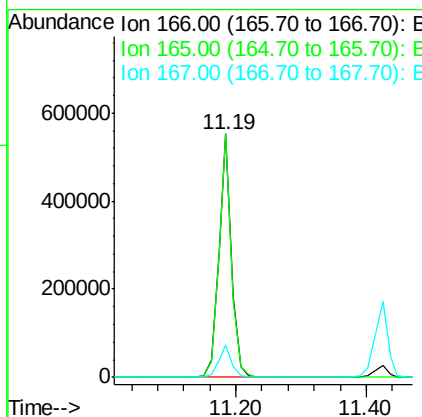
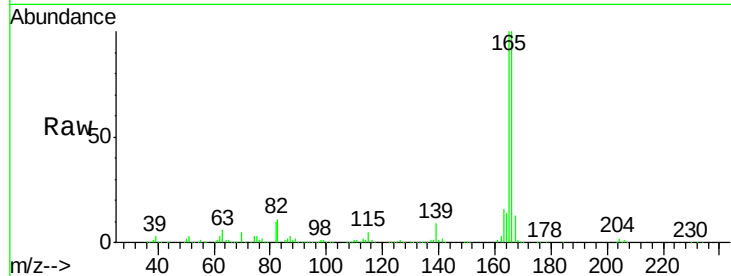
ClientSampleId :

A8-4CMSD

Tot Ion:	166	Resp:	754580
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	13.5	10.6	16.0

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12/11/2015 6:01:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.44 ng

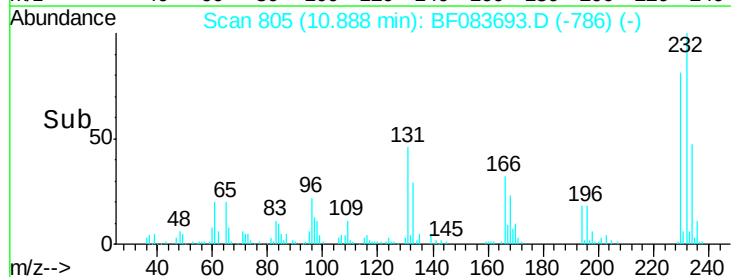
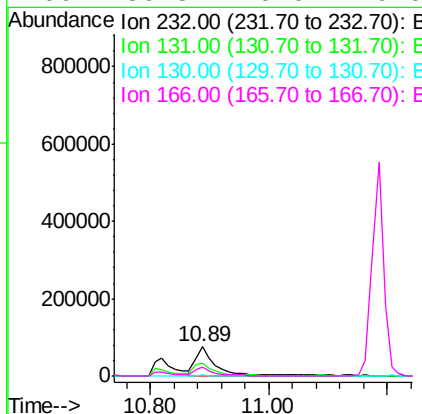
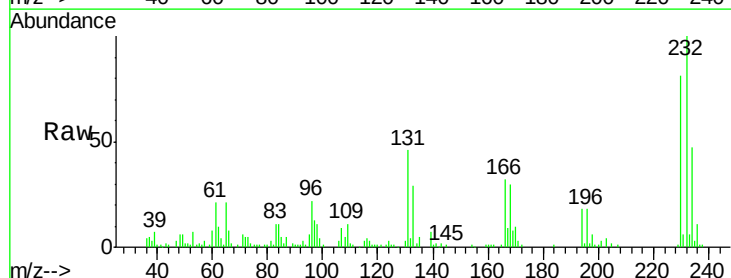
RT: 10.89 min Scan# 805

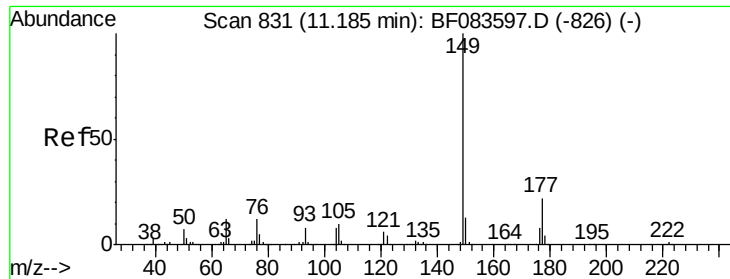
Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	232	Resp:	173015
Ion Ratio	Lower	Upper	
232	100		
131	48.7	0.0	0.0#
130	2.0	0.0	0.0#
166	30.8	0.0	0.0#





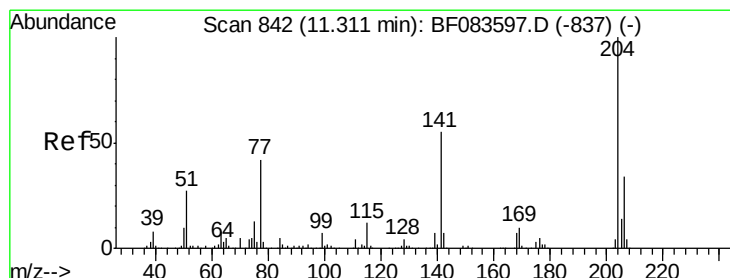
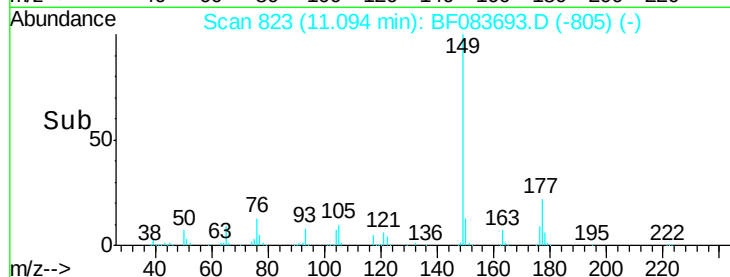
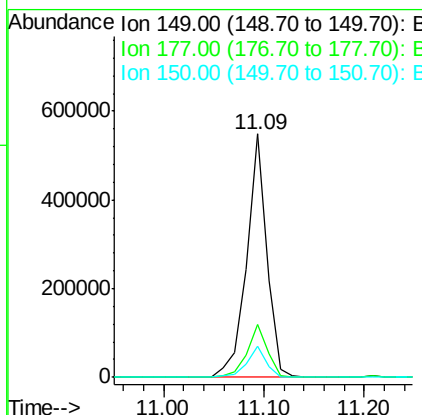
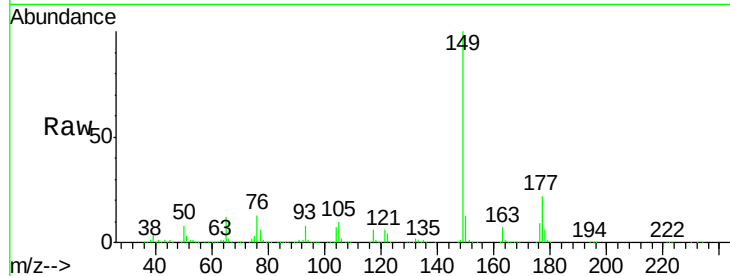
#59
Diethylphthalate
Concen: 38.65 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.8	16.9	25.3
150	12.7	10.2	15.4

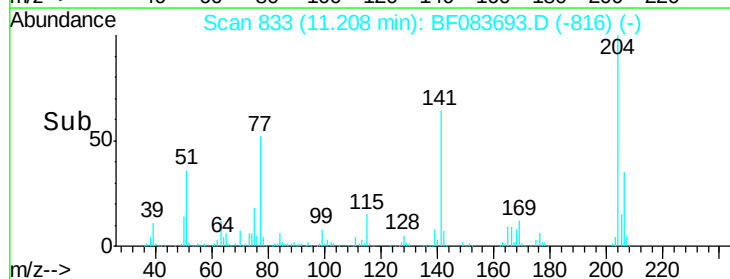
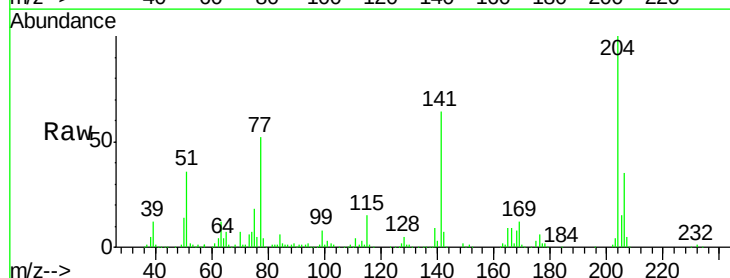
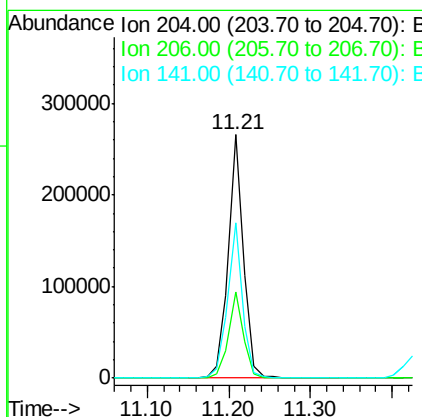
Manual Integrations
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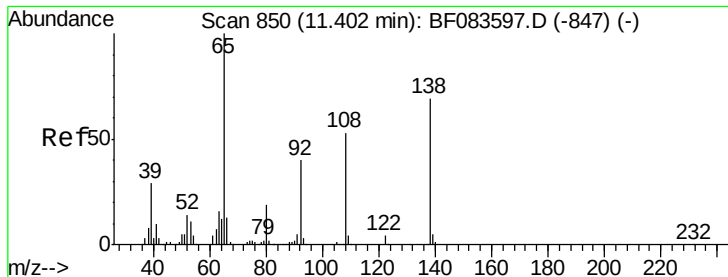
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 37.52 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	35.5	27.3	40.9
141	63.6	51.9	77.9





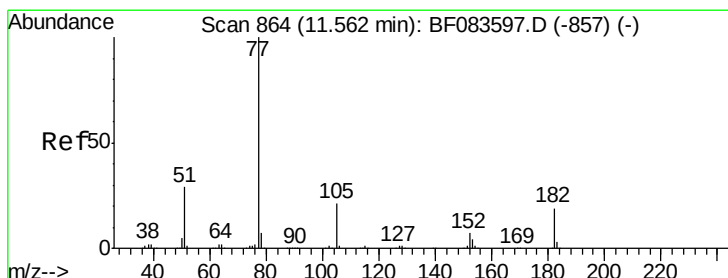
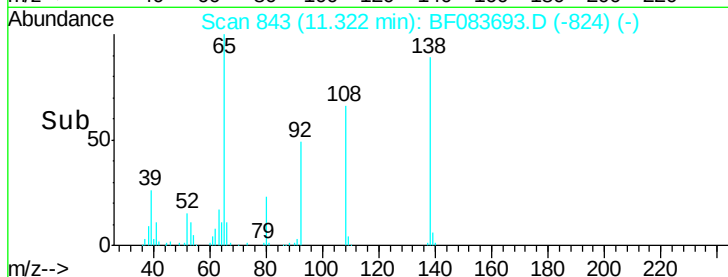
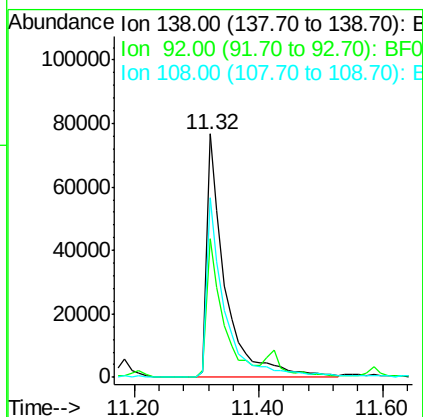
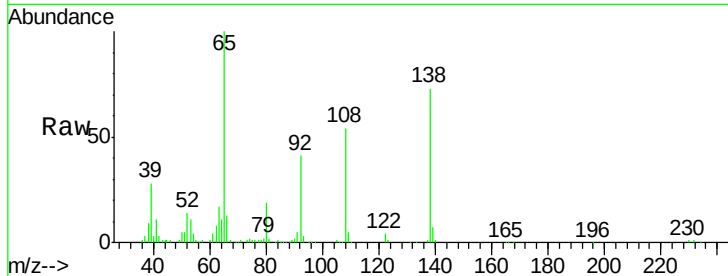
#61
4-Nitroaniline
Concen: 38.65 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.9	29.0	69.0
108	73.9	47.4	87.4

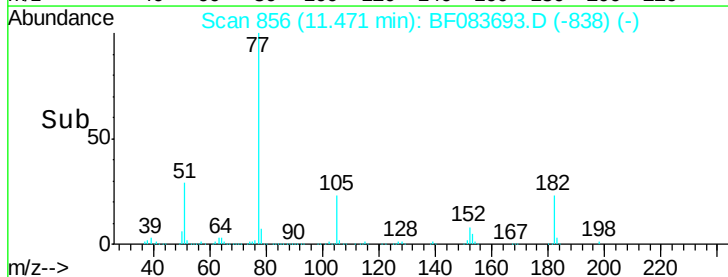
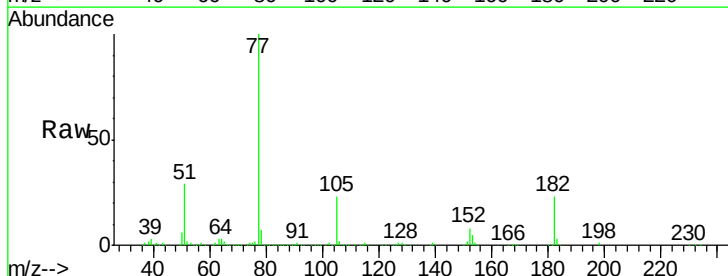
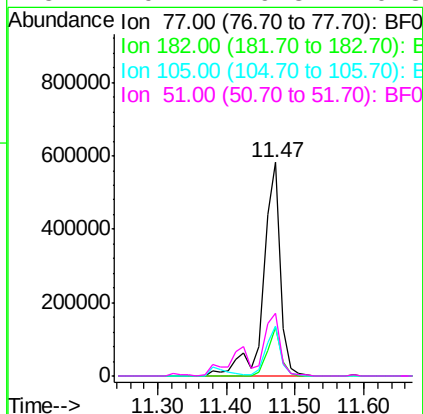
Manual Integrations
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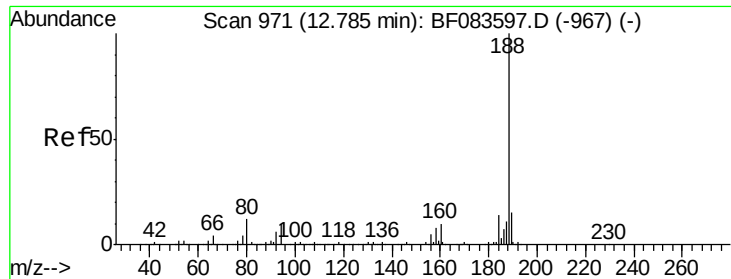
MMdadoda
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#62
Azobenzene
Concen: 44.66 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.5	42.5
105	23.3	2.1	42.1
51	29.2	9.3	49.3





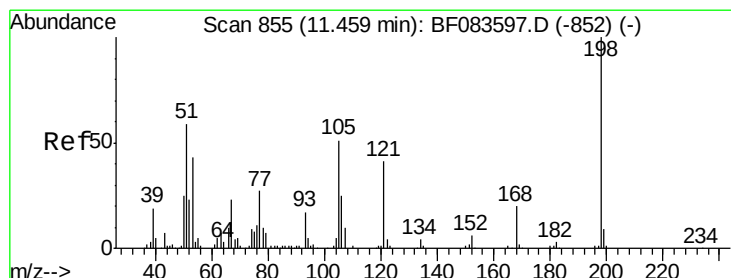
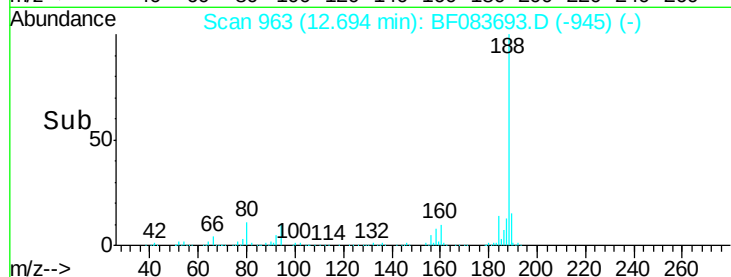
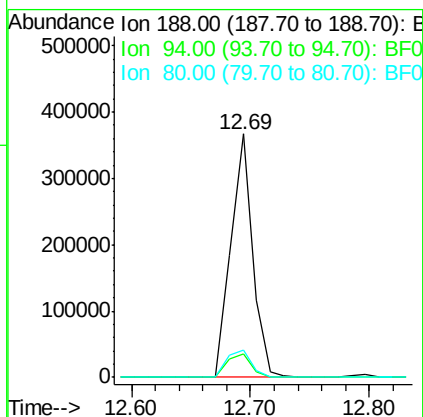
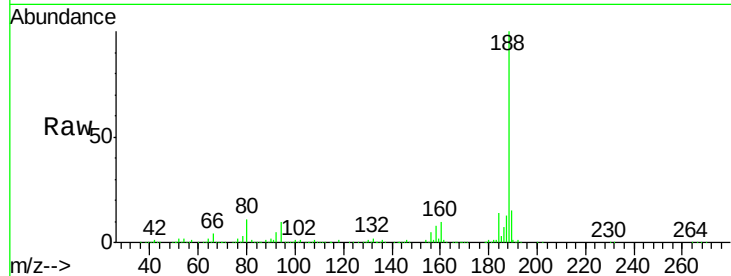
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468404		
94	9.8		9.4	14.2
80	11.4		10.6	16.0

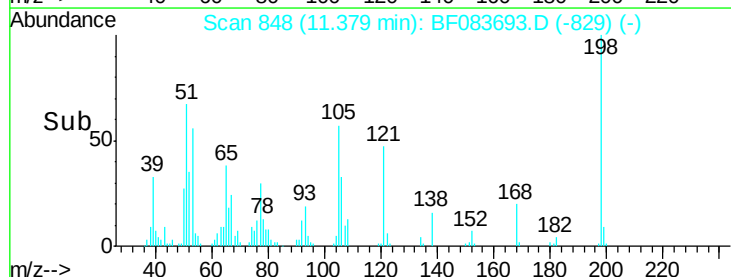
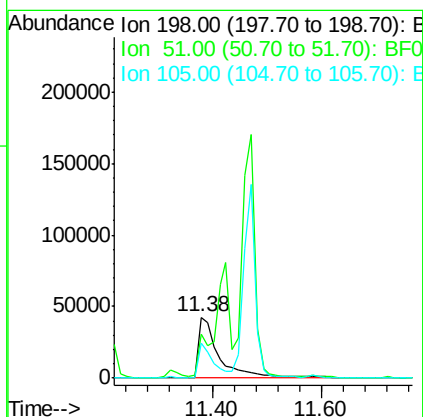
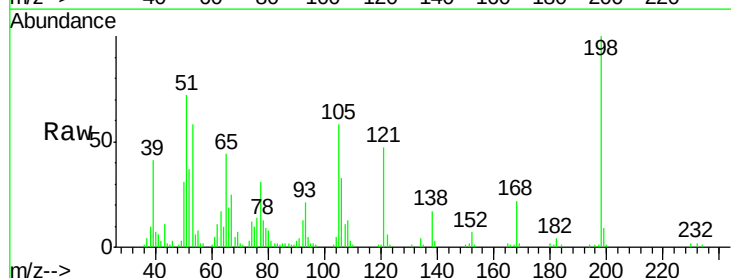
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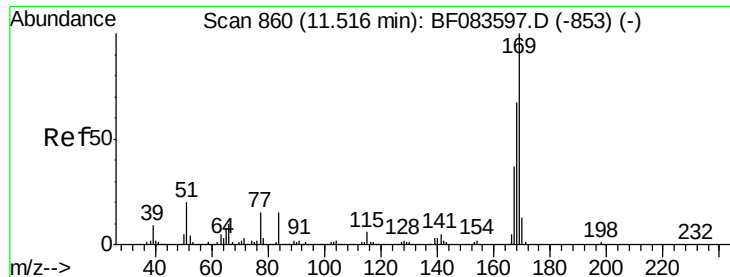
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.02 ng
RT: 11.38 min Scan# 848
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113331		
51	71.6		53.8	93.8
105	58.3		38.6	78.6





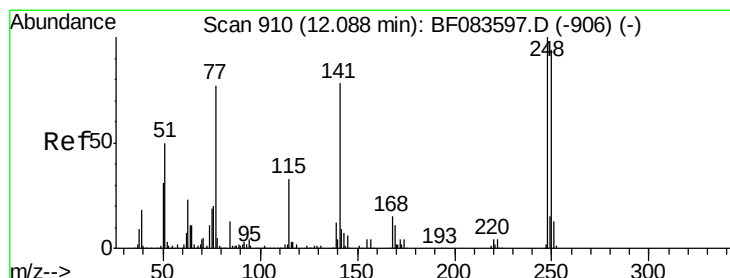
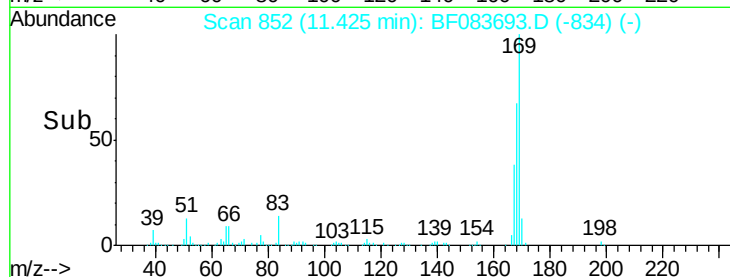
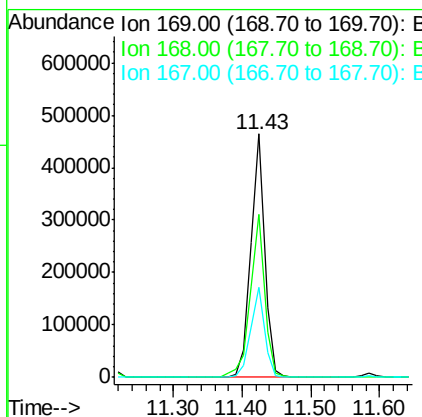
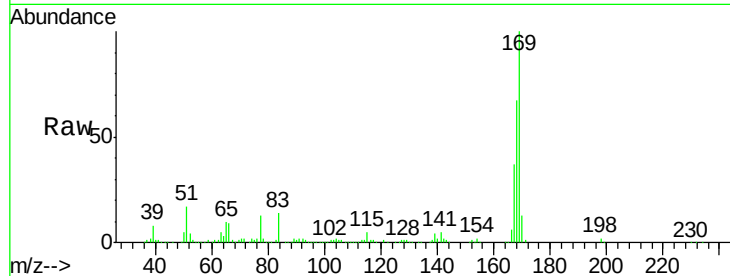
#65
n-Nitrosodiphenylamine
Concen: 41.50 ng
RT: 11.43 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	641540		
168	66.8	53.0	79.6	
167	37.1	29.3	43.9	

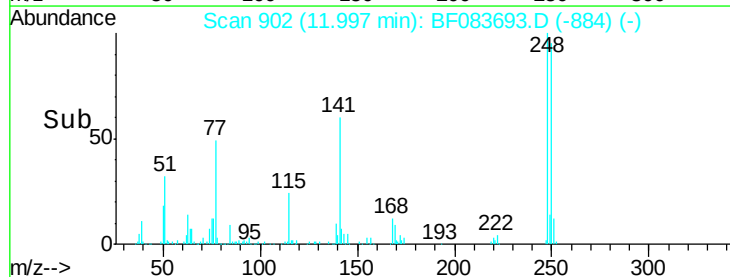
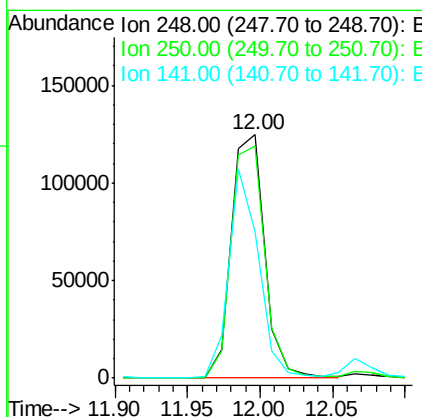
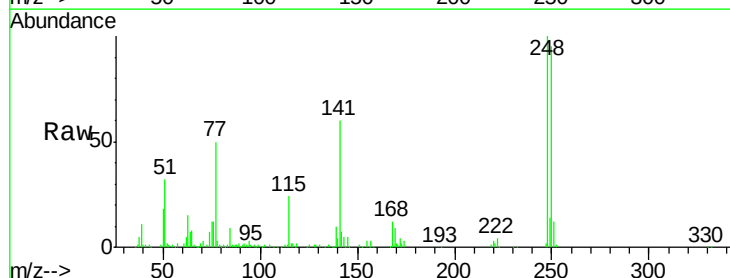
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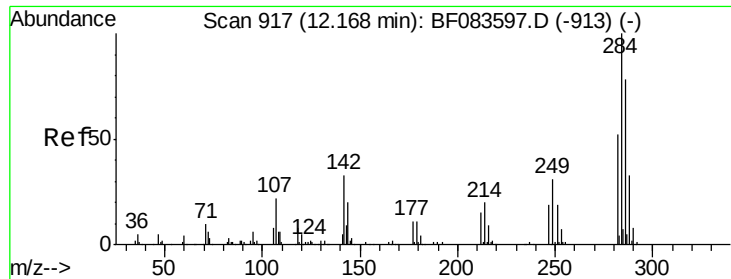
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12/11/2015 6:01:45 PM



#66
4-Bromophenyl-phenylether
Concen: 38.13 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199199		
250	95.3	79.2	118.8	
141	60.1	58.2	87.4	





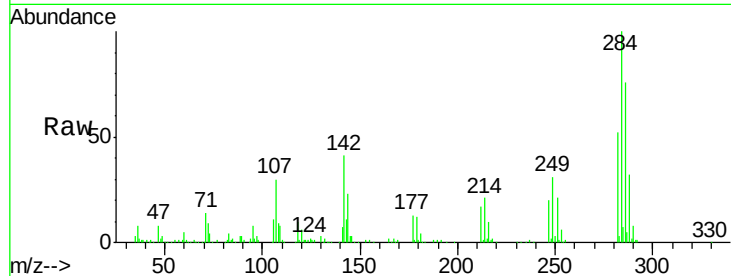
#67
Hexachlorobenzene
Concen: 39.48 ng
RT: 12.07 min Scan# 908
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

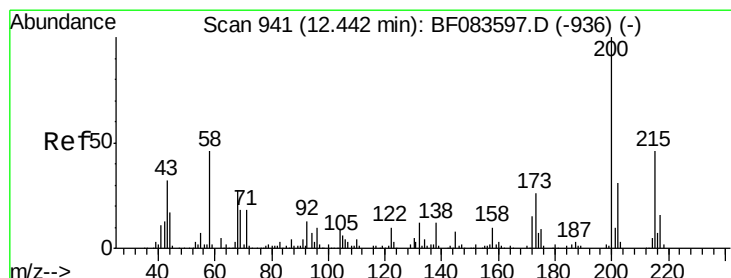
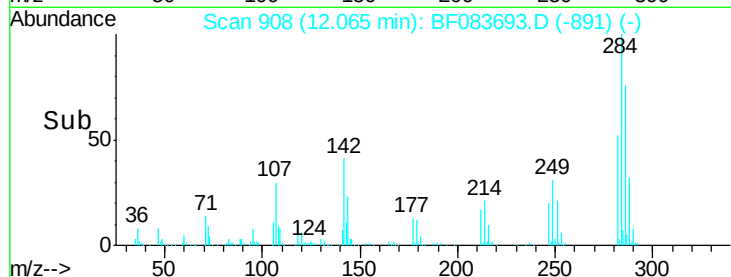
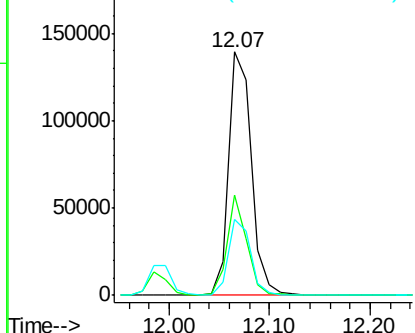
Tot Ion	Ratio	Resp	Lower	Upper
284	100	218819		
142	41.3		31.0	46.4
249	31.0		26.9	40.3

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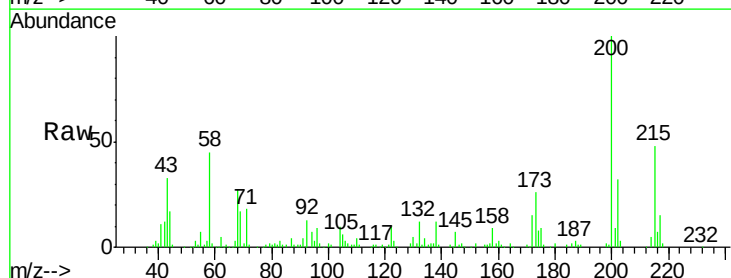


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

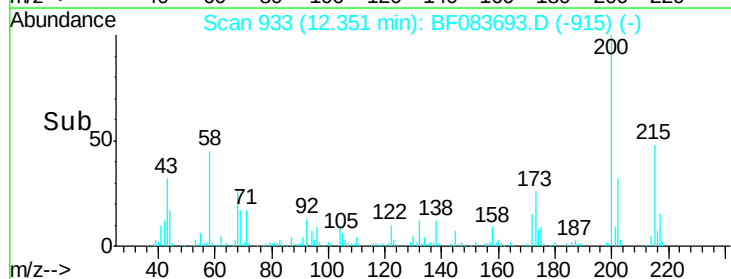
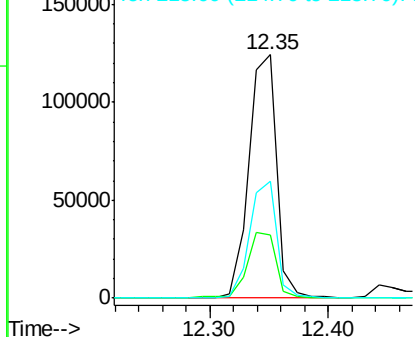


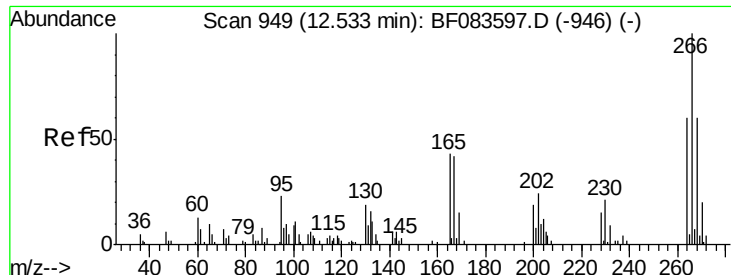
#68
Atrazine
Concen: 44.36 ng
RT: 12.35 min Scan# 933
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	204009		
173	26.1		7.8	47.8
215	47.9		25.7	65.7



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





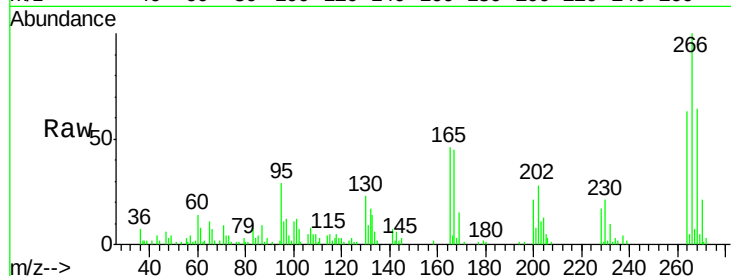
#69
 Pentachlorophenol
 Concen: 77.02 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

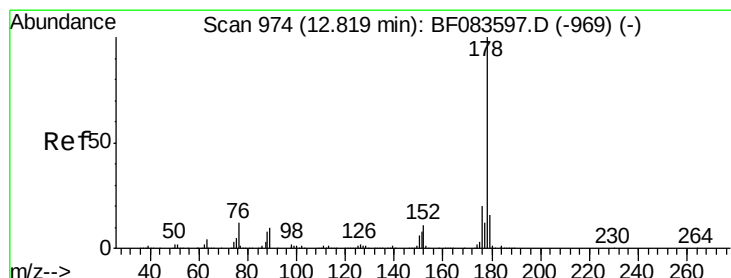
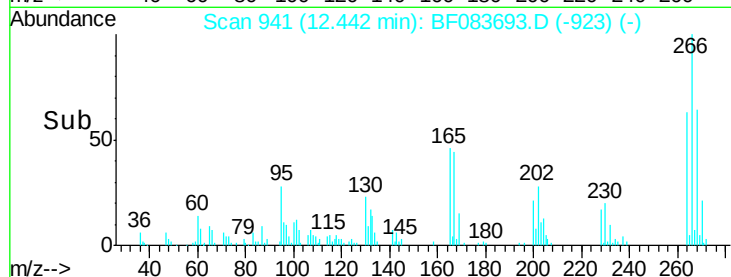
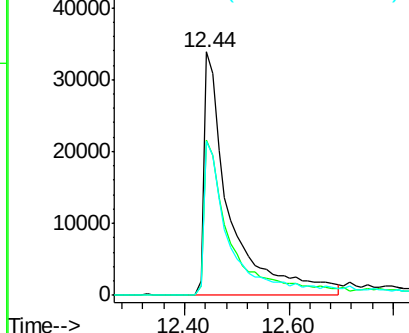
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.2	75.2
264	63.4	51.4	77.2

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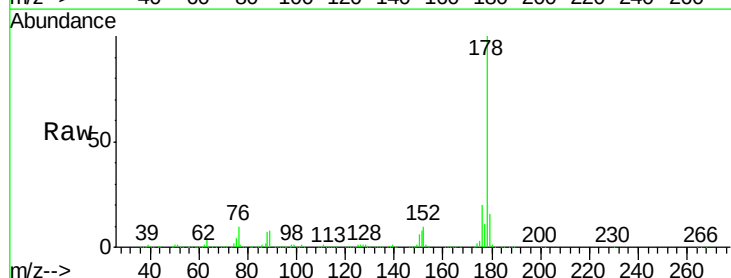


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

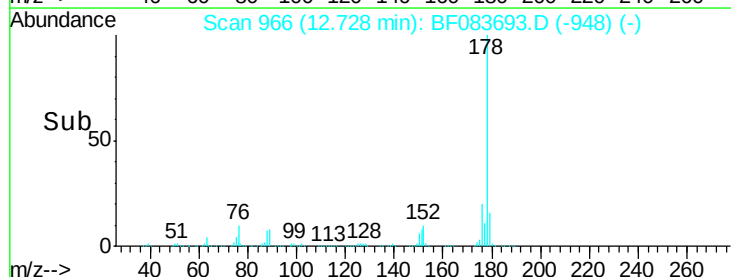
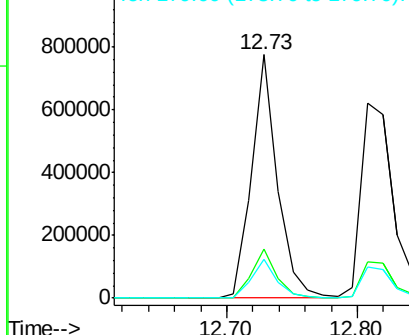


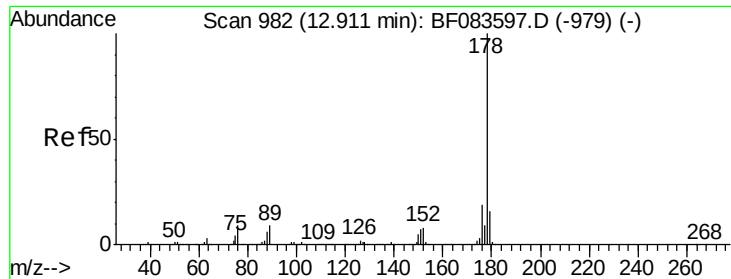
#70
 Phenanthrene
 Concen: 39.88 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.9	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.70 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tot Ion:178 Resp: 1106877

Ion Ratio Lower Upper

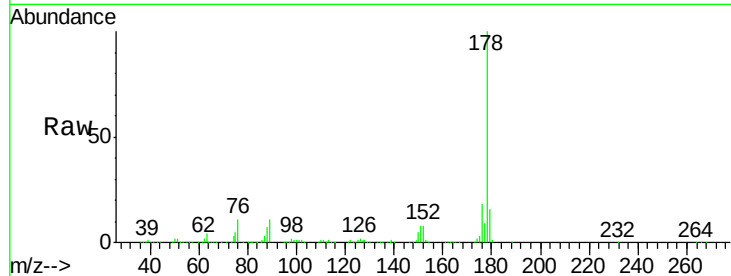
178 100

176 18.3 15.2 22.8

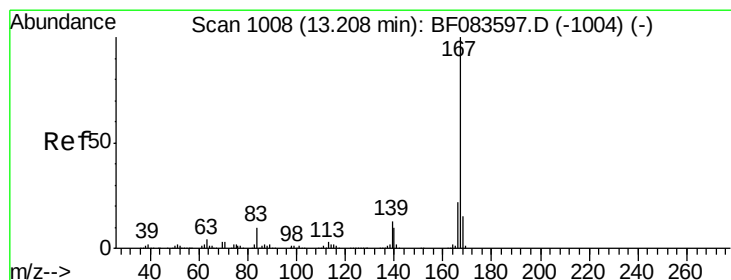
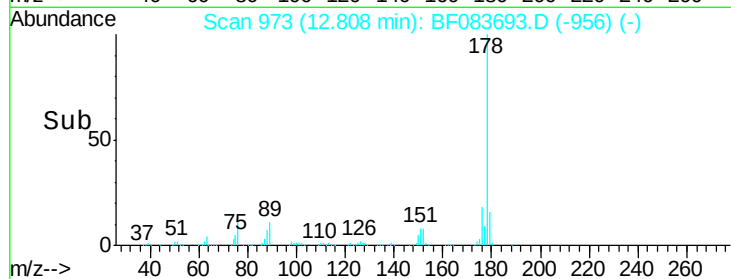
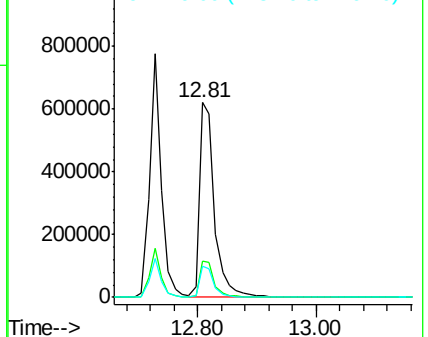
179 15.9 12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.53 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

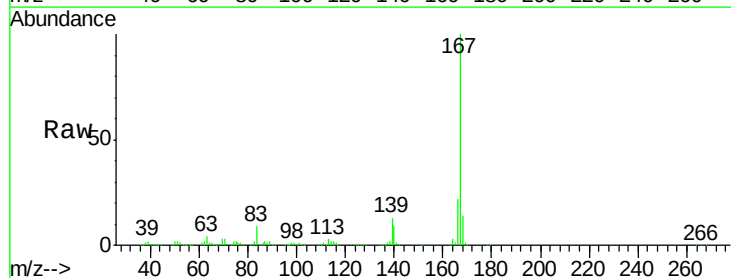
Tgt Ion:167 Resp: 1016725

Ion Ratio Lower Upper

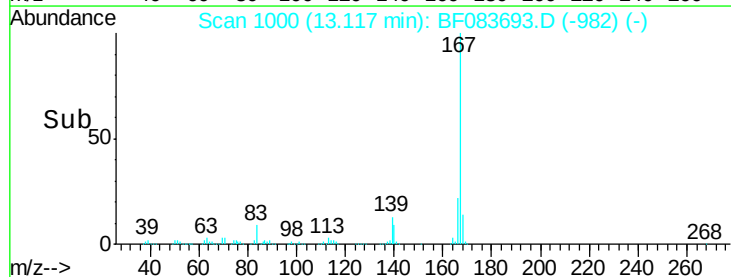
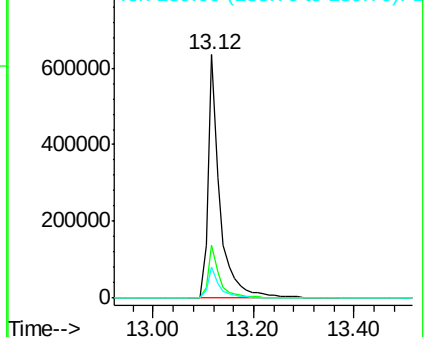
167 100

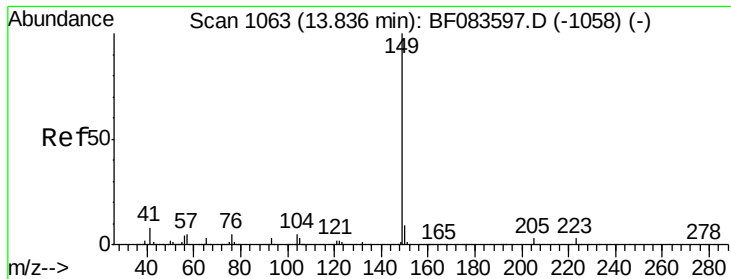
166 21.6 17.2 25.8

139 12.7 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.80 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tot Ion:149 Resp: 1196798

Ion Ratio Lower Upper

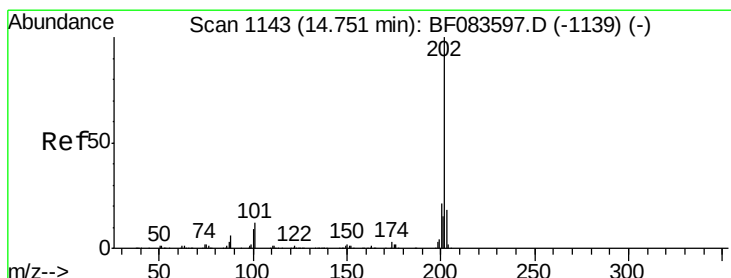
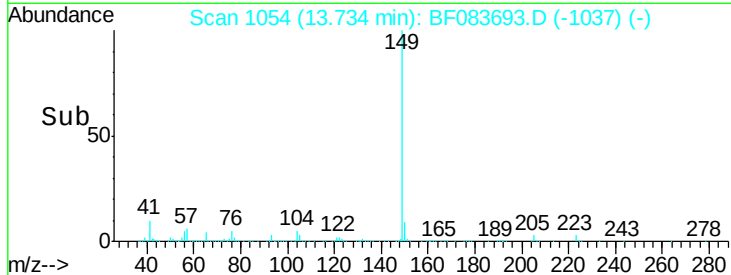
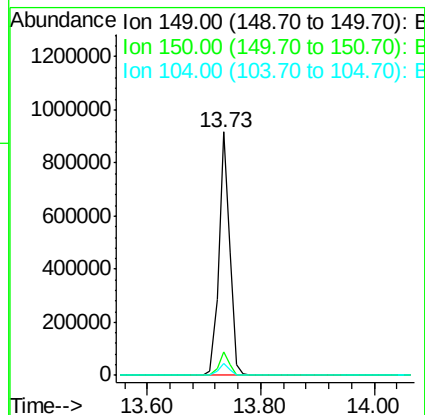
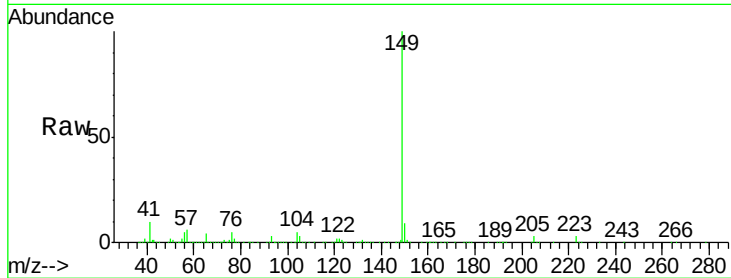
149 100

150 9.4 7.8 11.6

104 5.0 3.9 5.9

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#74

Fluoranthene

Concen: 39.86 ng

RT: 14.65 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

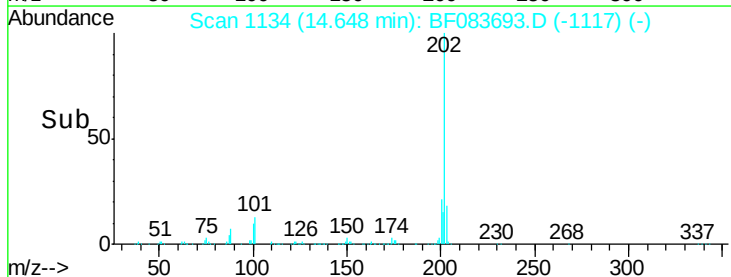
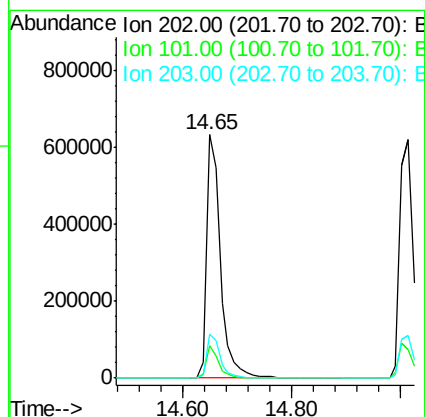
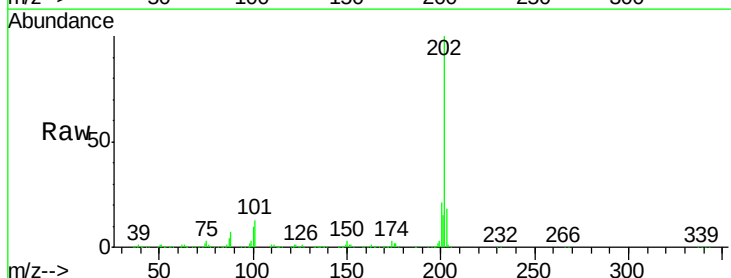
Tgt Ion:202 Resp: 1097519

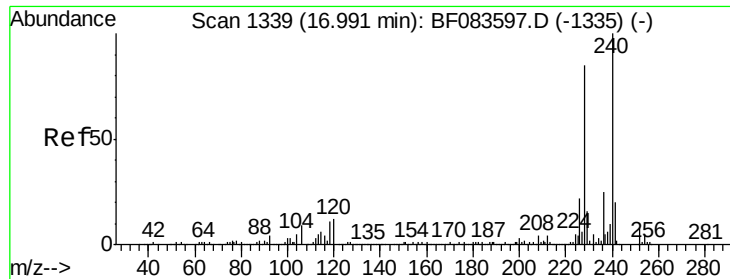
Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.5

203 18.0 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

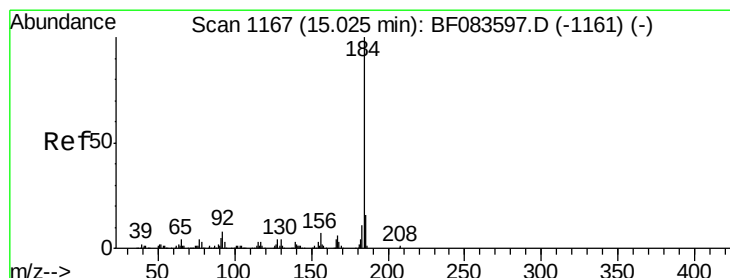
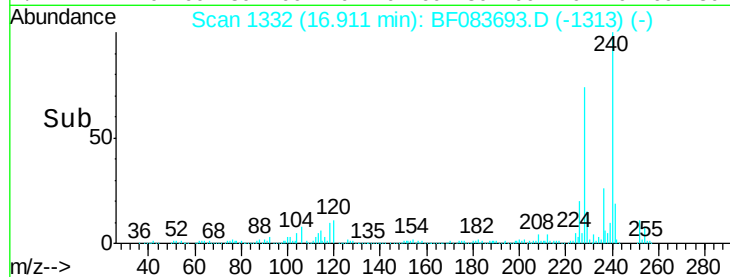
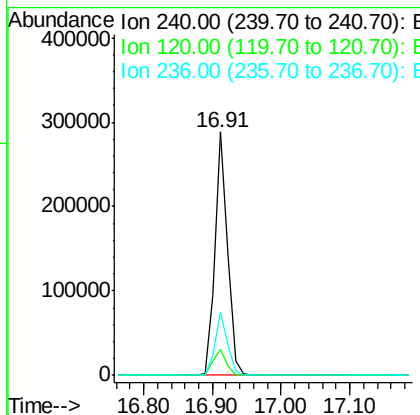
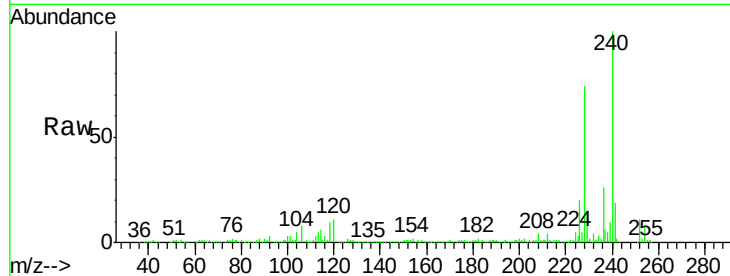
ClientSampleId :

A8-4CMSD

Tot Ion:	240	Resp:	377546
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	26.2	20.8	31.2

Manual Integrations
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#76

Benzidine

Concen: 25.81 ng

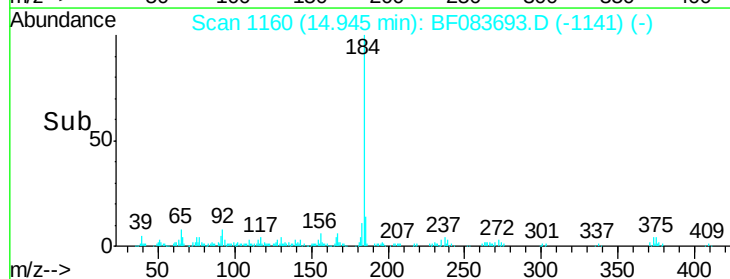
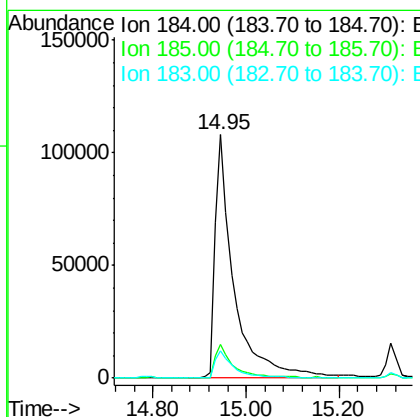
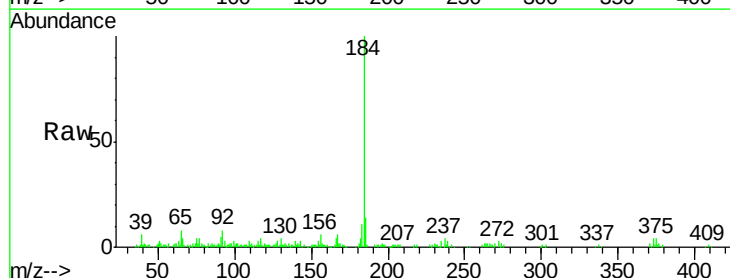
RT: 14.95 min Scan# 1160

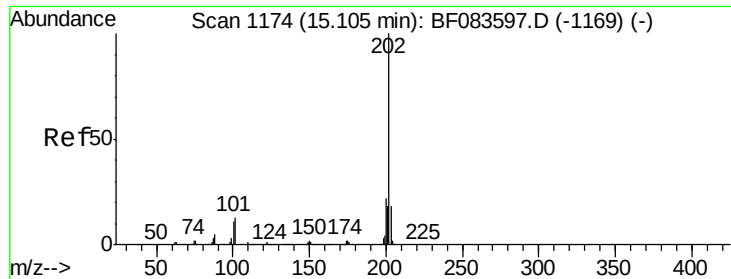
Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	184	Resp:	303040
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	11.5	9.0	13.4





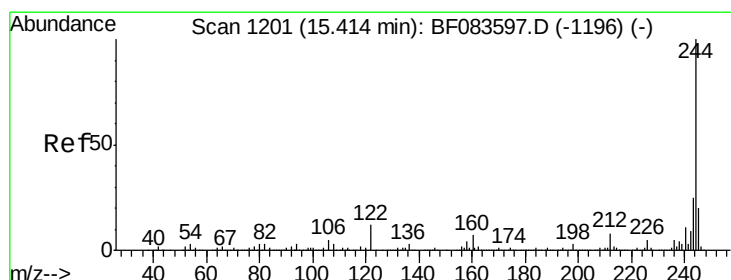
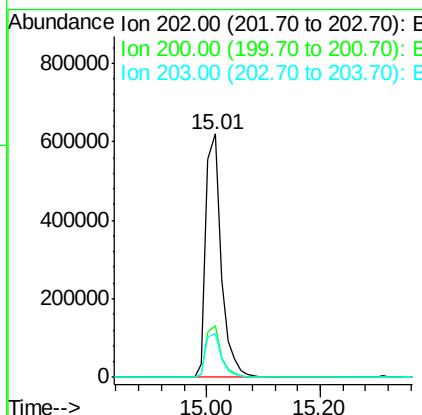
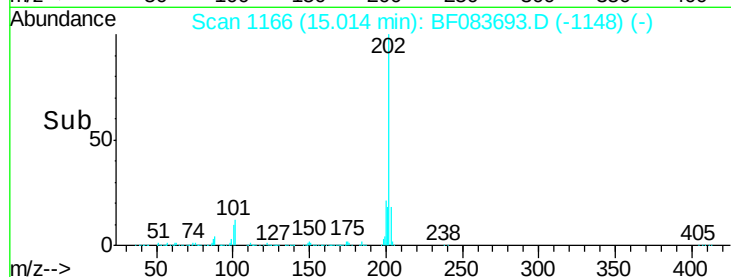
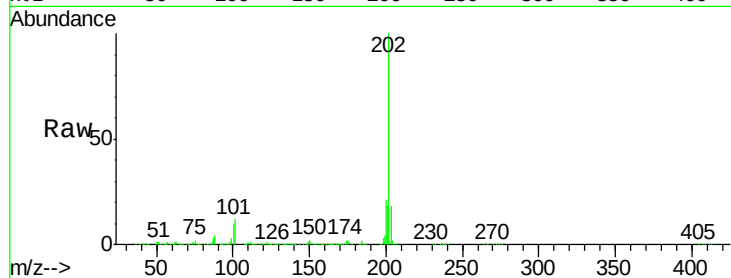
#77
Pvrene
Concen: 41.44 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion:202 Resp: 1126375
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.8 14.3 21.5

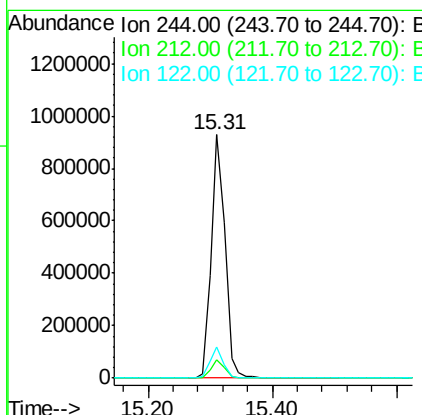
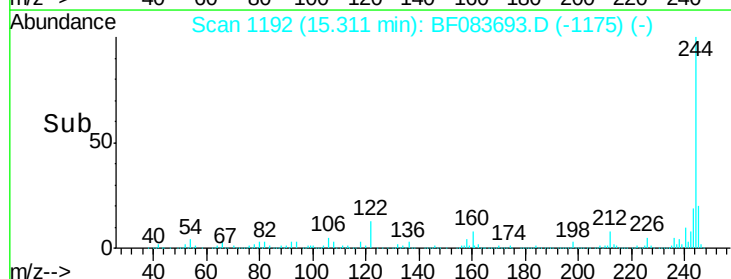
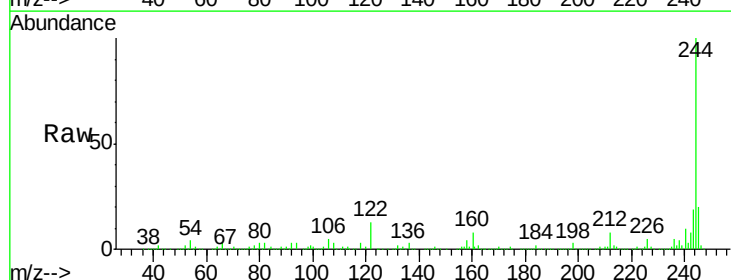
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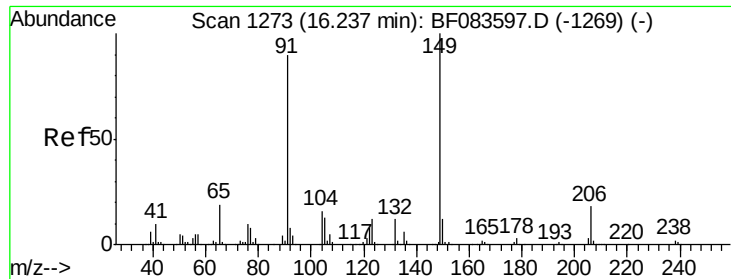
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#78
Terphenyl-d14
Concen: 87.58 ng
RT: 15.31 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion:244 Resp: 1405286
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.0 11.0 16.6





#79

Butylbenzylphthalate

Concen: 41.76 ng

RT: 16.15 min Scan# 1265

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

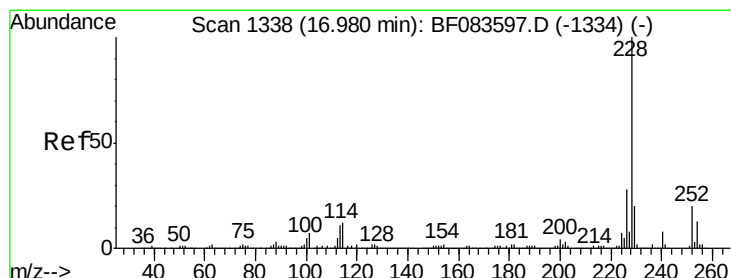
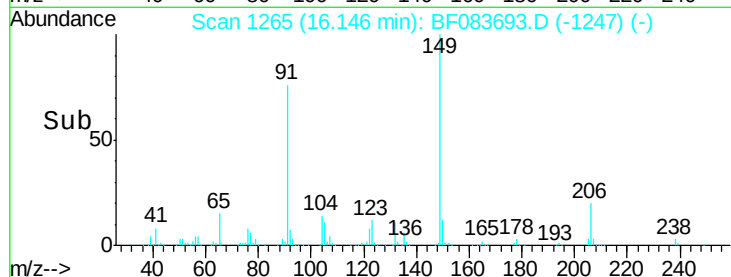
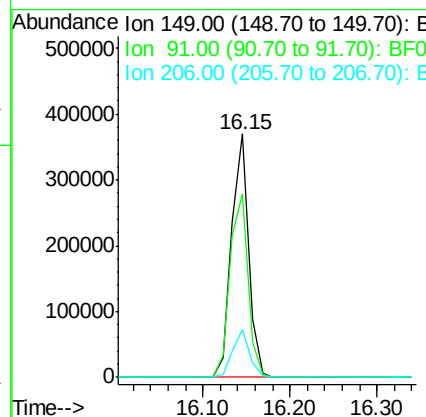
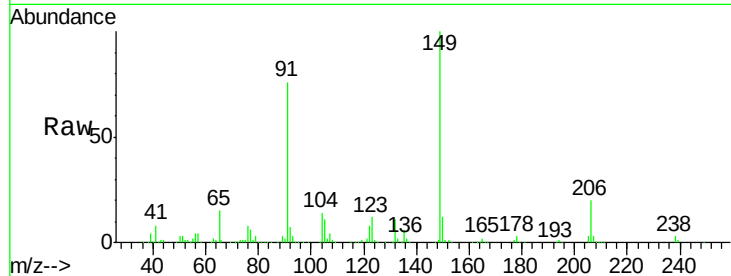
ClientSampleId :

A8-4CMSD

Tot Ion:	149	Resp:	503815
Ion Ratio	Lower	Upper	
149	100		
91	75.5	60.0	90.0
206	19.6	16.2	24.4

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#80

Benzo(a)anthracene

Concen: 39.39 ng

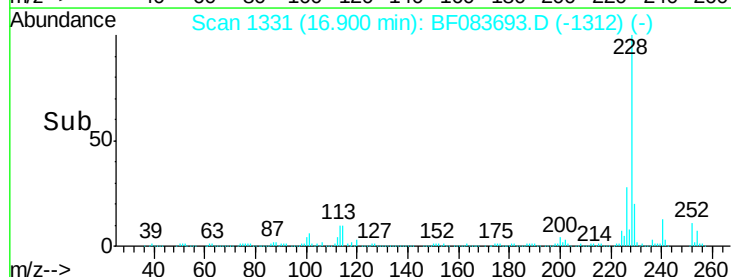
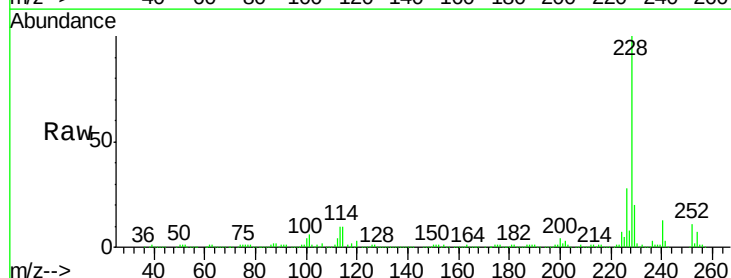
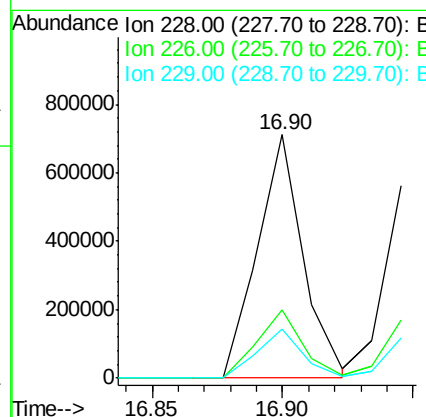
RT: 16.90 min Scan# 1331

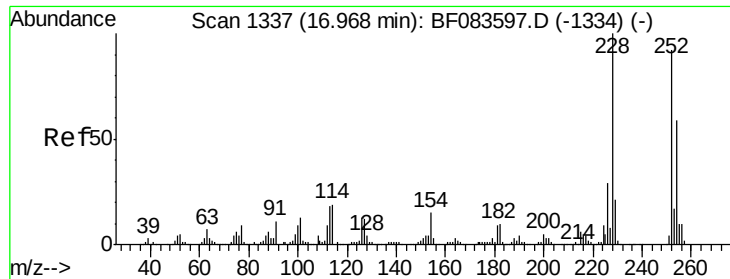
Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	228	Resp:	870401
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.3	33.5
229	20.2	15.7	23.5





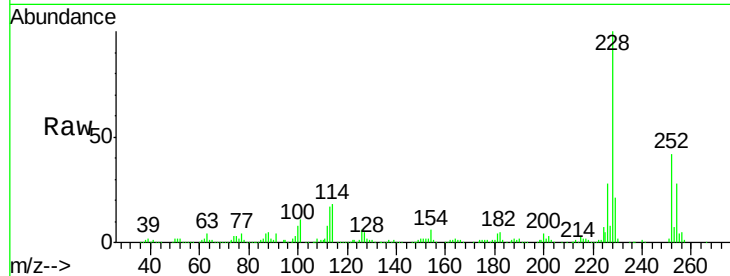
#81
 3,3'-Dichlorobenzidine
 Concen: 28.46 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

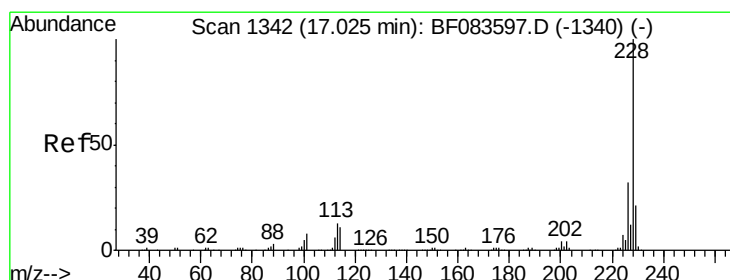
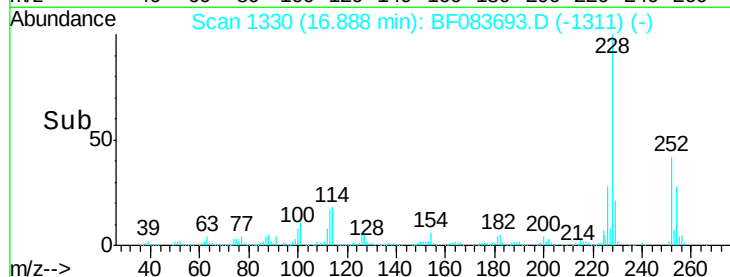
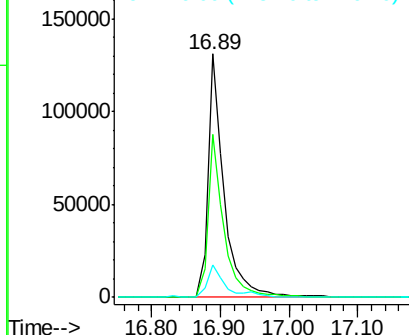
Tot Ion	Ratio	Resp	Lower	Upper
252	100	212464		
254	66.9	50.6	76.0	
126	13.3	11.0	16.4	

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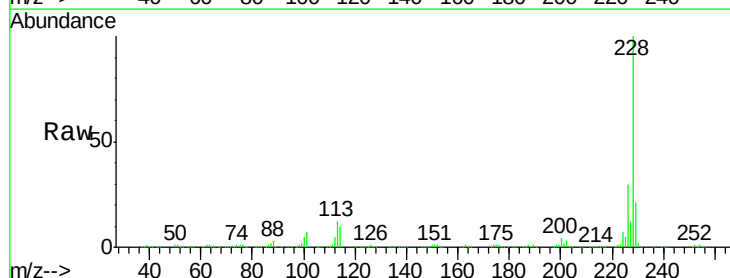


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

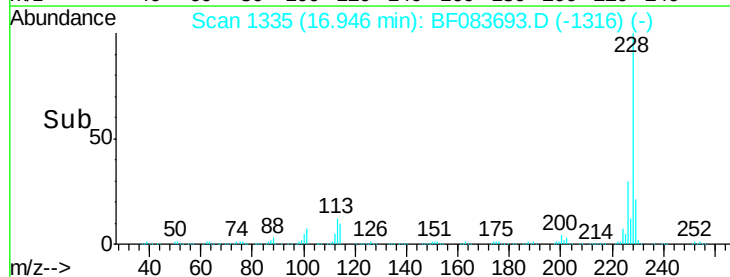
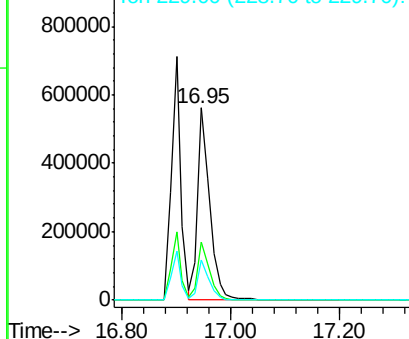


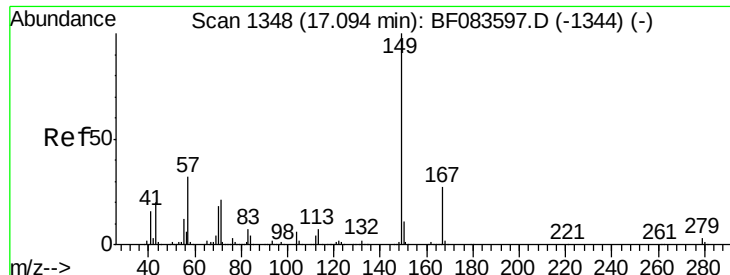
#82
 Chrysene
 Concen: 38.99 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	863633		
226	30.4	24.7	37.1	
229	20.5	16.3	24.5	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.37 ng

RT: 17.00 min Scan# 1340

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

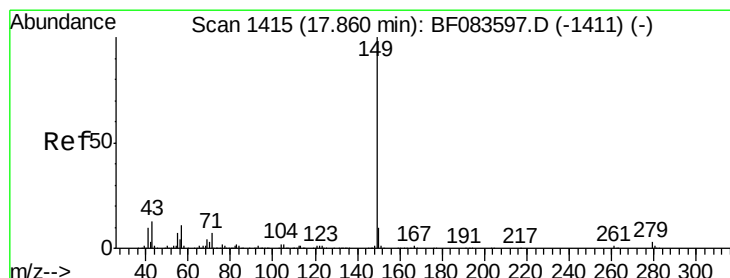
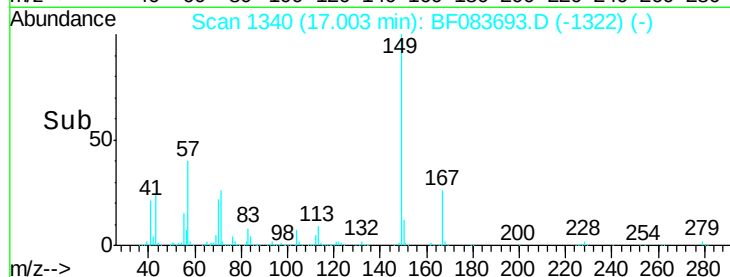
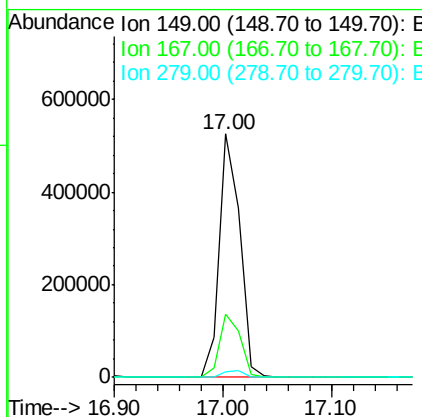
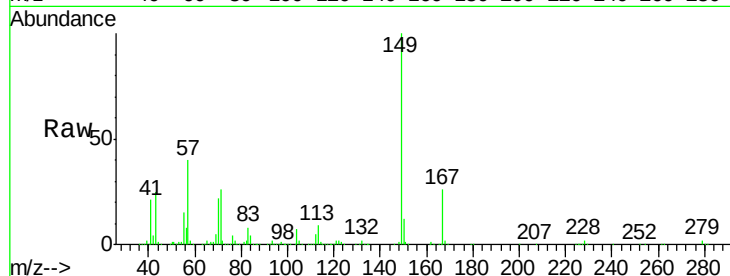
ClientSampleId :

A8-4CMSD

Tot Ion:	149	Resp:	692704
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.8	32.8
279	2.3	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 43.04 ng

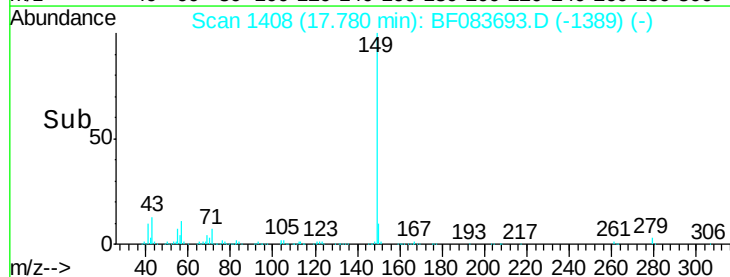
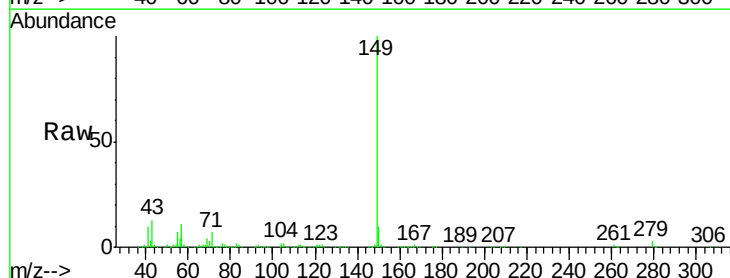
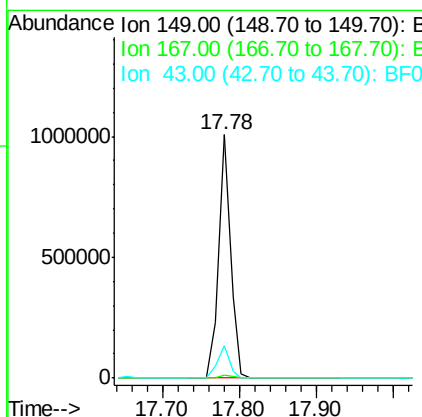
RT: 17.78 min Scan# 1408

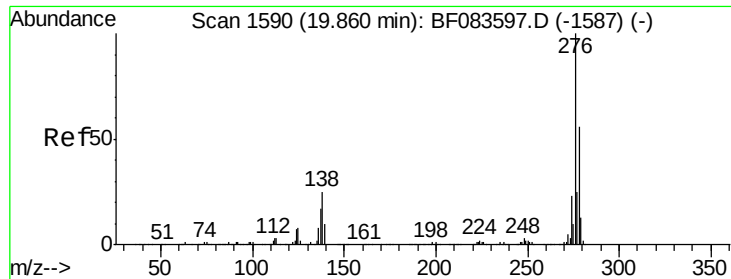
Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion:	149	Resp:	1101335
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	13.3	0.0	0.0#





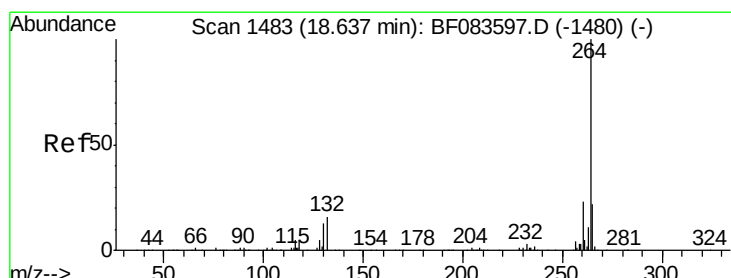
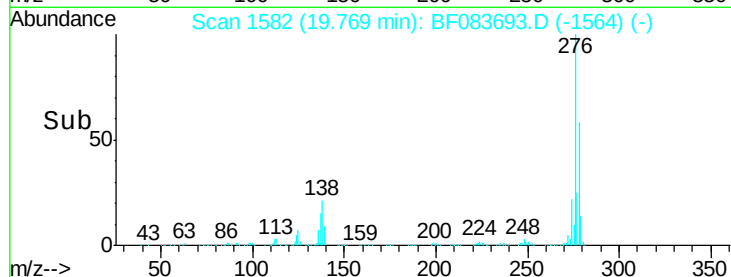
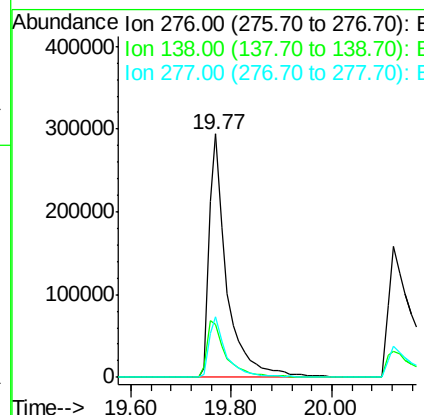
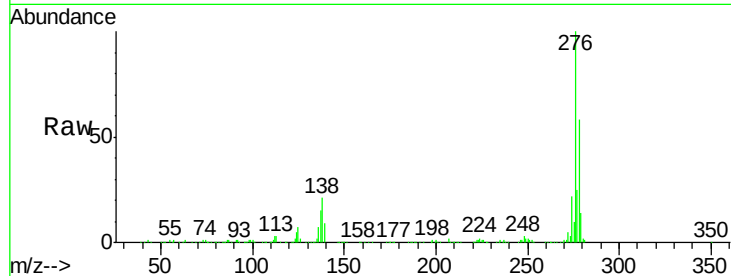
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.50 ng
 RT: 19.77 min Scan# 1582
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	25.6	0.0	0.0#
277	24.8	0.0	0.0#

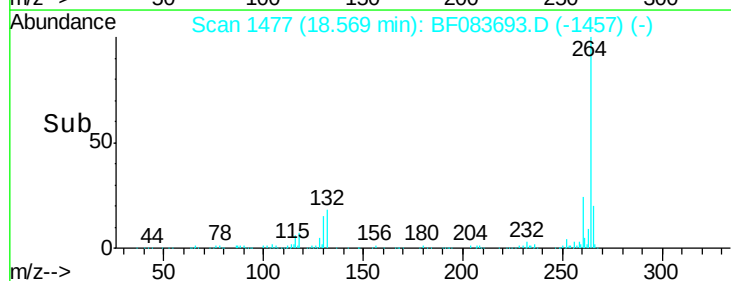
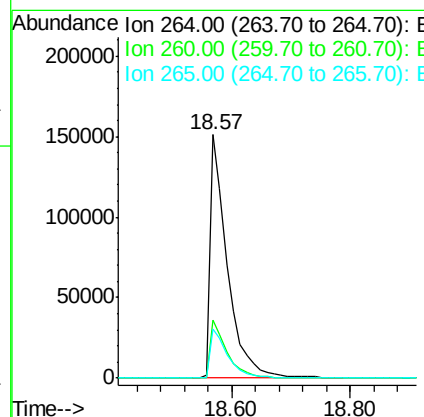
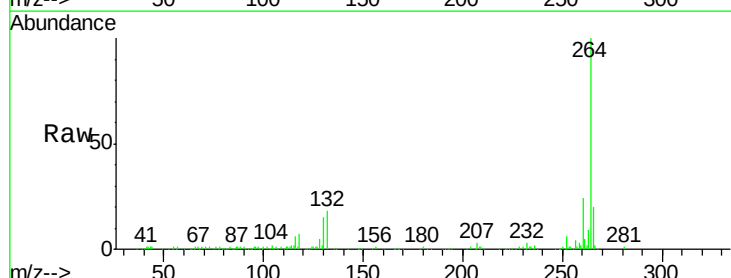
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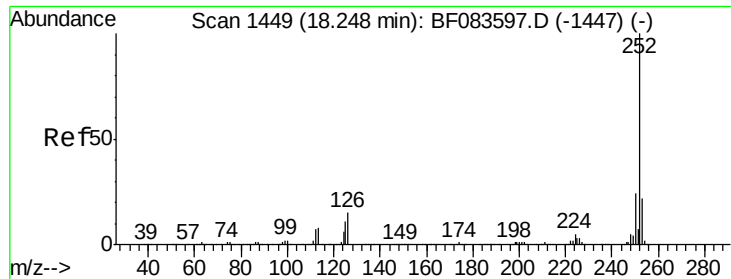
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.07 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.4	29.0
265	20.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 43.88 ng

RT: 18.18 min Scan# 1443

Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

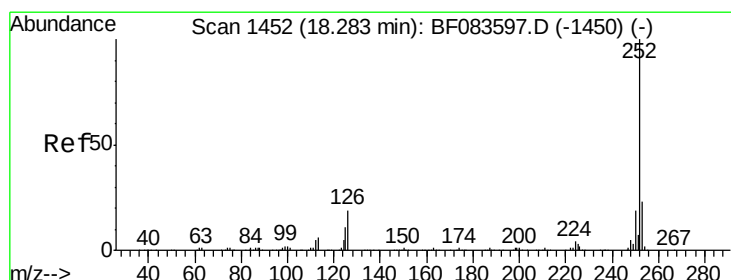
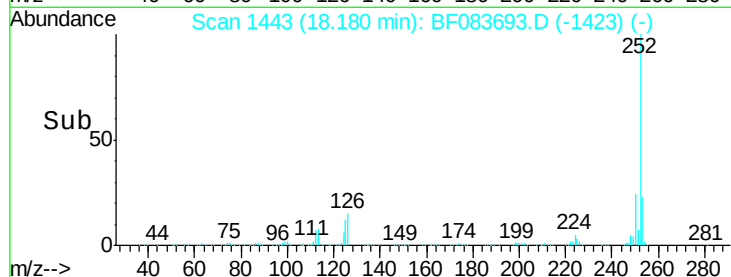
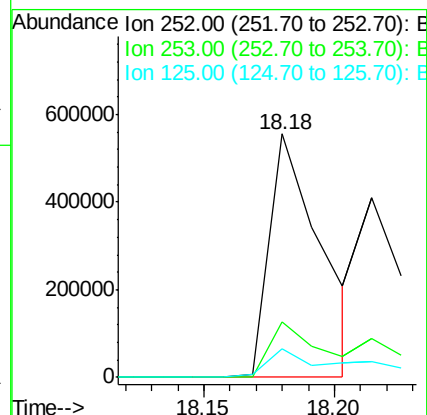
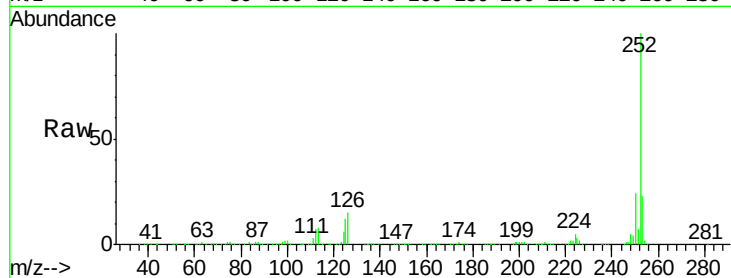
ClientSampleId :

A8-4CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.8	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 33.13 ng m

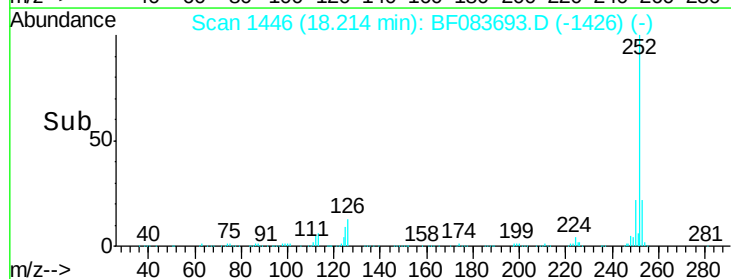
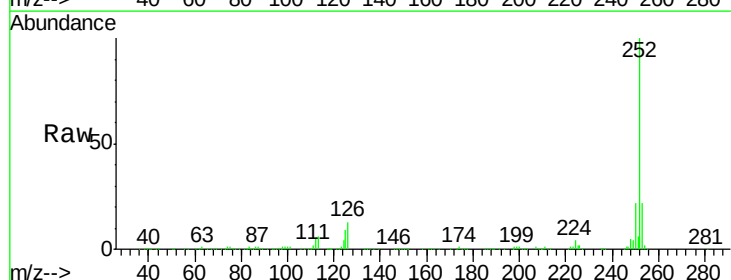
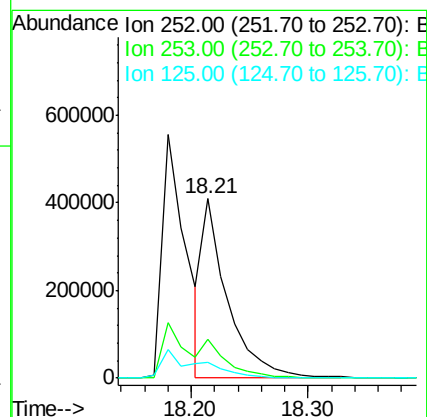
RT: 18.21 min Scan# 1446

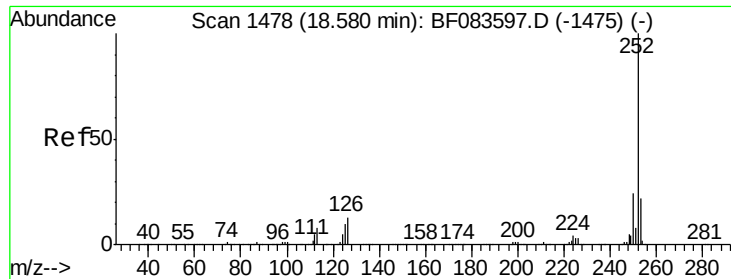
Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	8.9	11.5	17.3#





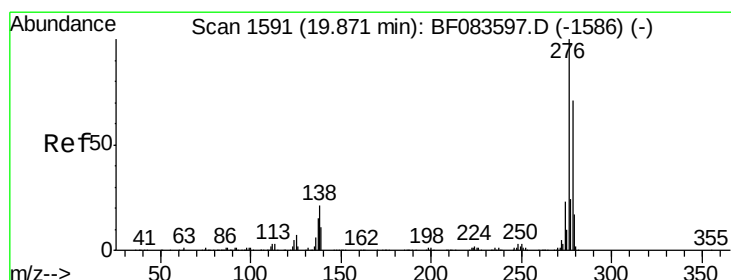
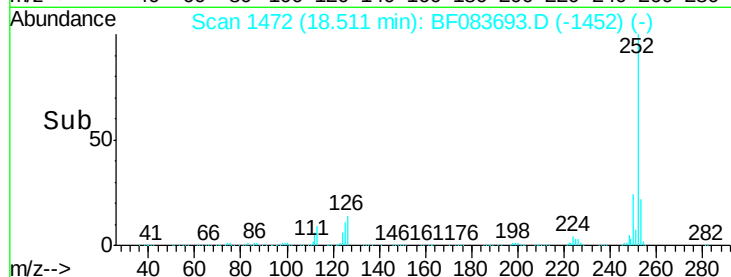
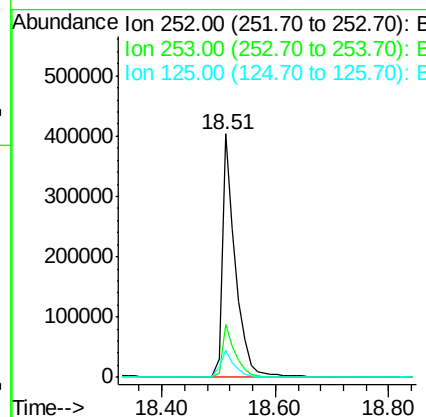
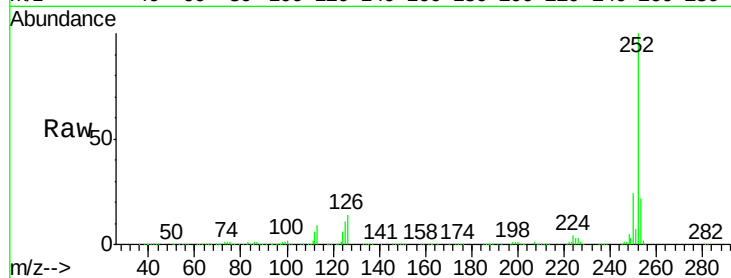
#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.4	11.0	16.6

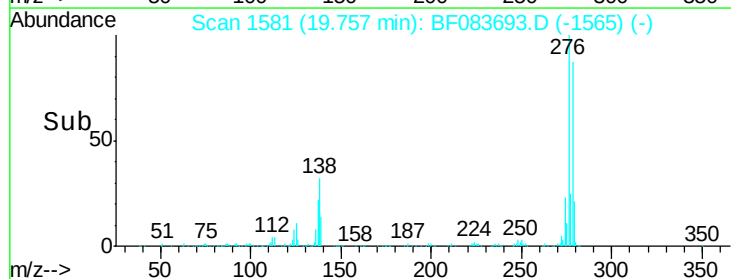
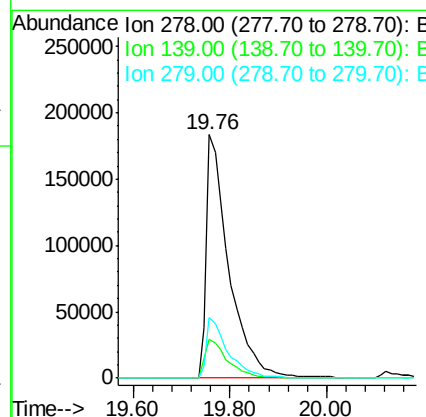
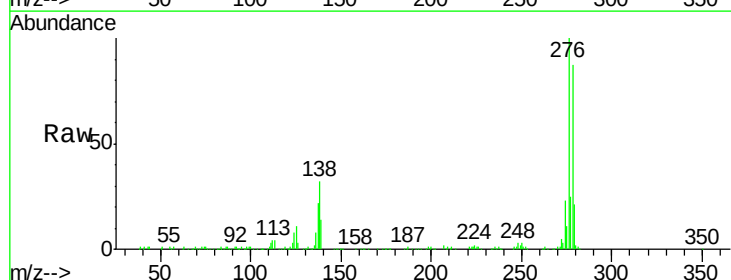
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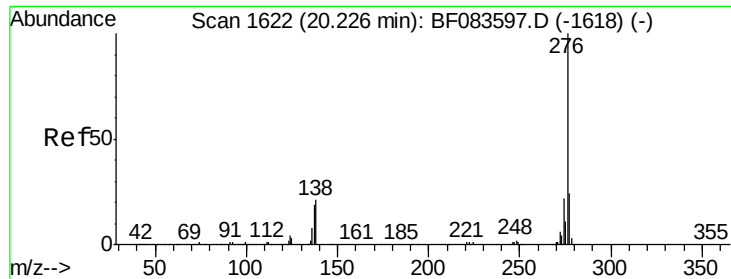
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#90
Dibenzo(a,h)anthracene
Concen: 46.20 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083693.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.8	19.2
279	24.7	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 46.21 ng
 RT: 20.12 min Scan# 1613
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tot Ion:	276	Resp:	583872
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.2	28.8
138	20.2	19.5	29.3

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