

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084795.D
 Acq On : 3 Feb 2016 20:10
 Operator : SJ/IZ
 Sample : PB88152BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Manual Integrations
 APPROVED

mohammad
 2/4/2016 2:04:40 PM

Quant Time: Feb 04 03:45:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	163175	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	693491	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	329687	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	641047	20.00	ng	0.00
75) Chrysene-d12	13.84	240	468600	20.00	ng	0.00
86) Perylene-d12	15.21	264	351735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1131195	107.98	ng	0.01
7) Phenol-d6	6.34	99	1534997	118.19	ng	0.00
23) Nitrobenzene-d5	7.26	82	985557	80.06	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	441999	128.53	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1684198	86.55	ng	0.00
78) Terphenyl-d14	12.80	244	1733274	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	151102	32.93	ng	# 78
3) Pyridine	2.91	79	465707	38.95	ng	# 72
4) n-Nitrosodimethylamine	2.86	42	238713	38.60	ng	83
6) Aniline	6.35	93	373489	23.50	ng	# 49
8) 2-Chlorophenol	6.48	128	490726	41.38	ng	97
9) Benzaldehyde	6.22	77	165495	21.58	ng	91
10) Phenol	6.36	94	517679	35.58	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	436517m	38.48	ng	
12) 1,3-Dichlorobenzene	6.62	146	483921	38.63	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	498282	39.78	ng	95
14) 1,2-Dichlorobenzene	6.85	146	428542	36.74	ng	95
15) Benzyl Alcohol	6.84	79	374197	41.73	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	696260	36.48	ng	88
17) 2-Methylphenol	6.97	107	405450	43.23	ng	95
18) Hexachloroethane	7.20	117	183962	38.14	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	331157	40.68	ng	# 77
20) 3+4-Methylphenols	7.12	107	484417	41.62	ng	# 74
22) Acetophenone	7.10	105	665540	36.41	ng	99
24) Nitrobenzene	7.28	77	456801	34.65	ng	96
25) Isophorone	7.52	82	910262	38.03	ng	97
26) 2-Nitrophenol	7.60	139	265249	40.80	ng	# 89
27) 2,4-Dimethylphenol	7.64	122	436191	38.57	ng	96
28) bis(2-Chloroethoxy)methane	7.73	93	544043	38.31	ng	99
29) 2,4-Dichlorophenol	7.85	162	389159	40.22	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	393073	35.97	ng	97
31) Naphthalene	8.00	128	1286543	36.98	ng	99
32) Benzoic acid	7.79	122	281753	38.95	ng	97
33) 4-Chloroaniline	8.05	127	160203	11.14	ng	95
34) Hexachlorobutadiene	8.12	225	238826	37.90	ng	98
35) Caprolactam	8.43	113	124303m	41.68	ng	
36) 4-Chloro-3-methylphenol	8.56	107	470719	42.64	ng	100
37) 2-Methylnaphthalene	8.69	142	943314	43.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	354868	33.89	ng	99
40) Hexachlorocyclopentadiene	8.84	237	361510	78.72	ng	97

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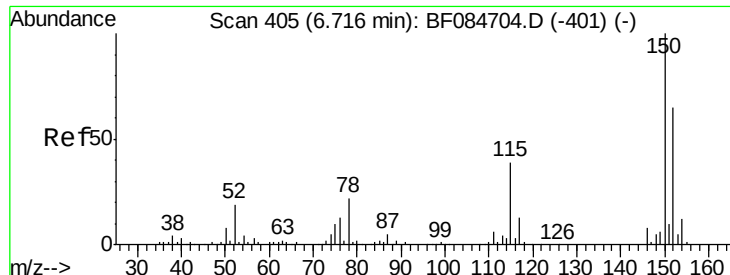
Manual Integrations
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 2/4/2016 2:04:40 PM

Quant Time: Feb 04 03:45:25 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	273748	40.58	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	274773	40.09	nq	94
45) 1,1'-Biphenyl	9.15	154	1047807	35.58	nq	97
46) 2-Chloronaphthalene	9.17	162	772920	35.64	nq	96
47) 2-Nitroaniline	9.28	65	250913	36.54	nq	99
48) Acenaphthylene	9.58	152	1241819	37.74	nq	98
49) Dimethylphthalate	9.47	163	1027351	40.91	nq	# 91
50) 2,6-Dinitrotoluene	9.53	165	239781	43.71	nq	# 85
51) Acenaphthene	9.76	154	782749	36.56	nq	99
52) 3-Nitroaniline	9.69	138	107882	17.50	nq	100
53) 2,4-Dinitrophenol	9.80	184	205590	81.12	nq	# 85
54) Dibenzofuran	9.94	168	1163183	44.45	nq	99
55) 4-Nitrophenol	9.87	139	309627	68.35	nq	# 74
56) 2,4-Dinitrotoluene	9.93	165	262392	37.50	nq	# 79
57) Fluorene	10.27	166	845706	38.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228466	43.79	nq	90
59) Diethylphthalate	10.17	149	1015004	41.40	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	393054	42.39	nq	95
61) 4-Nitroaniline	10.30	138	206210	34.33	nq	94
62) Azobenzene	10.43	77	1053159	44.67	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	175256	44.30	nq	82
65) n-Nitrosodiphenylamine	10.40	169	839678	41.25	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	285938	40.38	nq	99
67) Hexachlorobenzene	10.82	284	288915	37.45	nq	# 89
68) Atrazine	10.92	200	252457	39.27	nq	98
69) Pentachlorophenol	11.02	266	286242	78.95	nq	99
70) Phenanthrene	11.23	178	1260048	35.44	nq	97
71) Anthracene	11.29	178	1416536	39.54	nq	99
72) Carbazole	11.45	167	1302221	41.68	nq	98
73) Di-n-butylphthalate	11.78	149	1402637	35.27	nq	# 96
74) Fluoranthene	12.42	202	1432326	39.80	nq	93
76) Benzidine	12.55	184	468864	28.50	nq	97
77) Pyrene	12.64	202	1357151	37.83	nq	100
79) Butylbenzylphthalate	13.28	149	669168	41.11	nq	# 86
80) Benzo(a)anthracene	13.83	228	1151737	39.60	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	174344	16.93	nq	# 94
82) Chrysene	13.86	228	1026065	36.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	846688	41.80	nq	# 97
84) Di-n-octyl phthalate	14.44	149	1301222	38.94	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.50	276	854121	38.48	nq	99
87) Benzo(b)fluoranthene	14.83	252	894584m	37.85	nq	
88) Benzo(k)fluoranthene	14.85	252	881384m	45.11	nq	
89) Benzo(a)pyrene	15.15	252	833796	41.41	nq	# 96
90) Dibenzo(a,h)anthracene	16.51	278	705111	41.60	nq	98
91) Benzo(g,h,i)perylene	16.89	276	728707	42.68	nq	99

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



#1

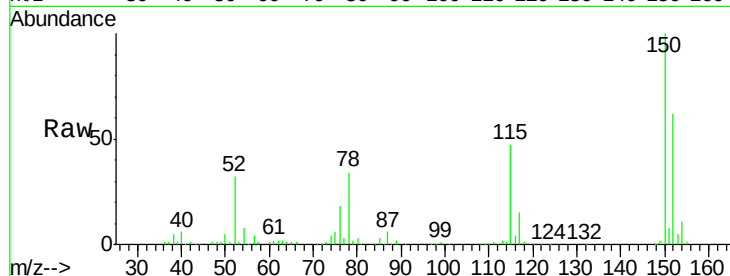
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.0	184.4
115	74.5	51.4	77.2

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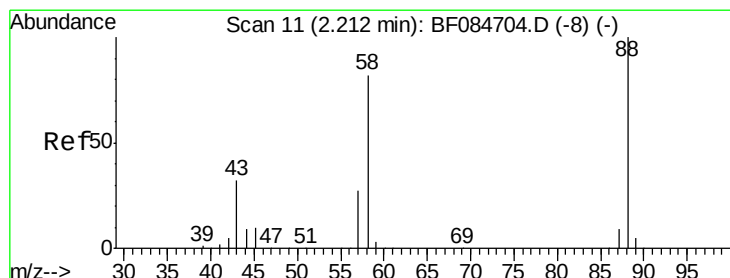
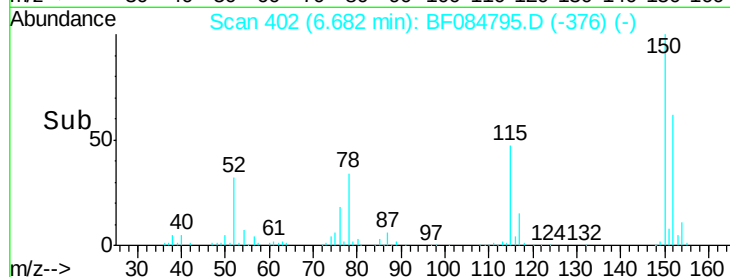
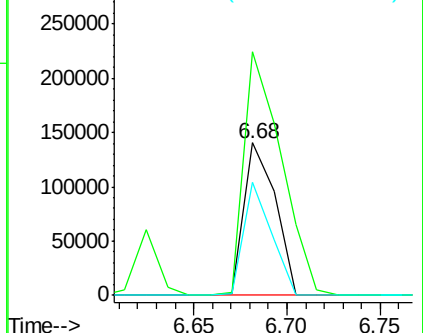


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.93 ng
RT: 2.25 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

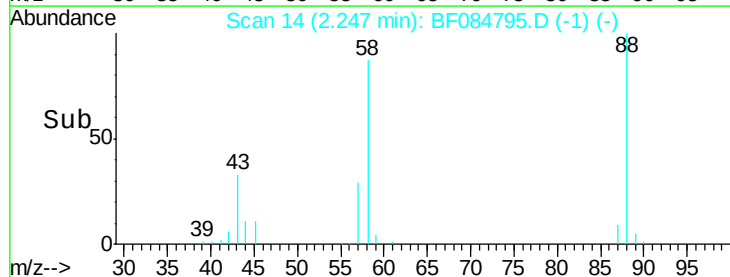
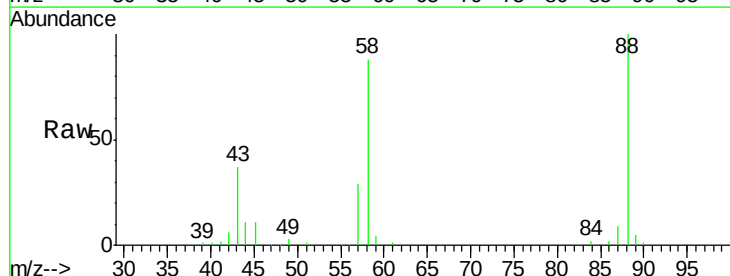
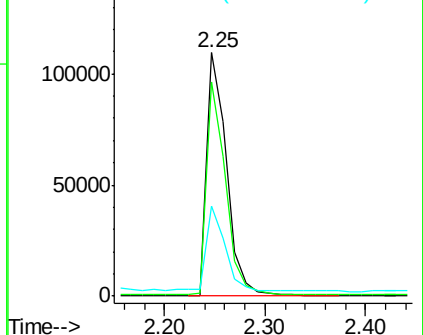
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	51.2	76.8#
43	32.3	19.5	29.3#

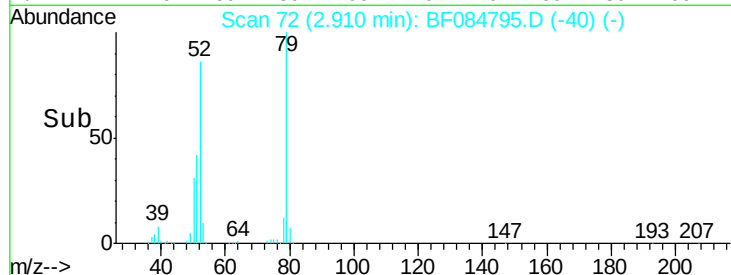
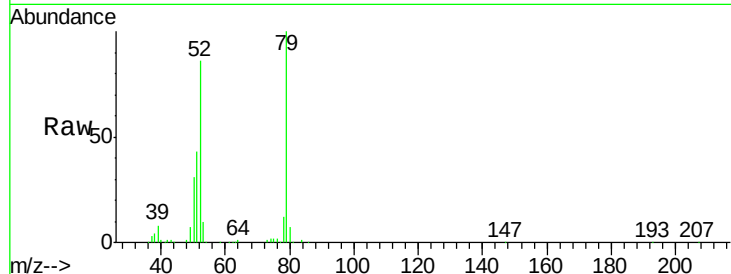
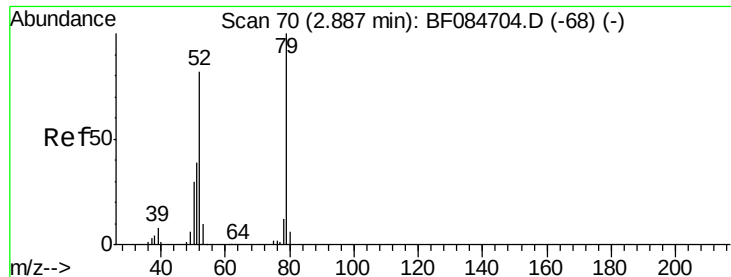
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





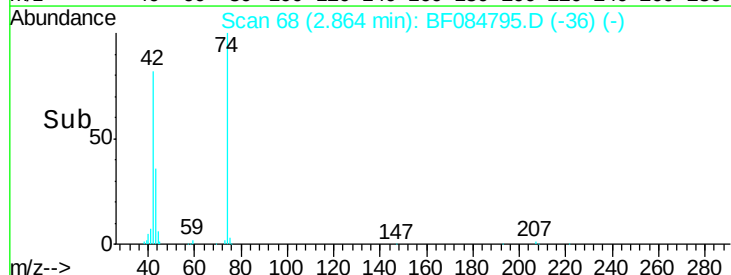
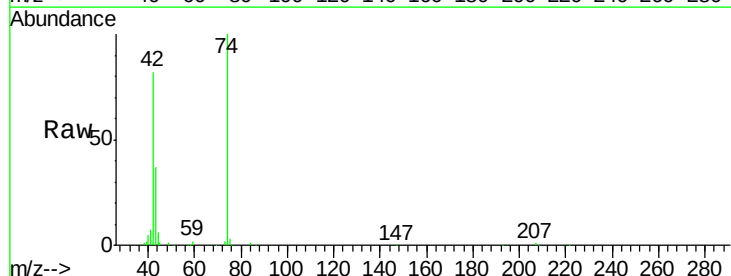
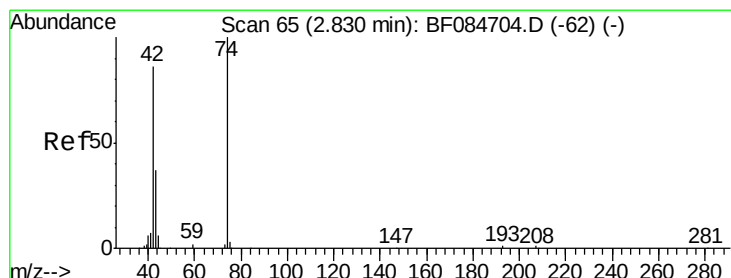
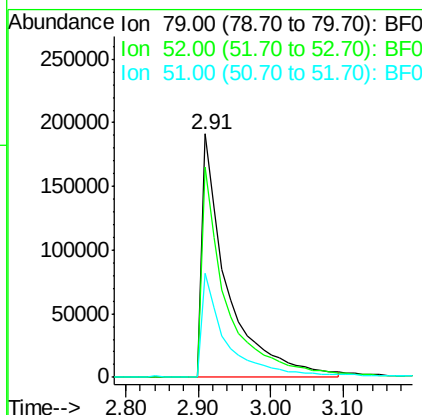
#3
 Pvridine
 Concen: 38.95 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.07 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.2	49.0	73.4#
51	42.6	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

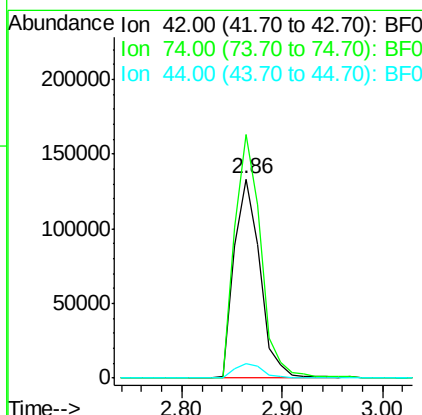
Manual Integrations
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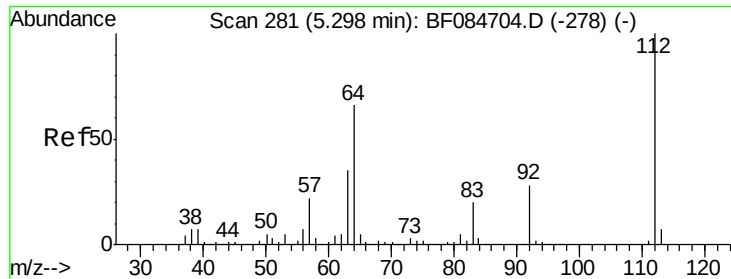
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#4
 n-Nitrosodimethylamine
 Concen: 38.60 ng
 RT: 2.86 min Scan# 68
 Delta R.T. 0.07 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.4	115.7	173.5
44	7.4	5.1	7.7





#5

2-Fluorophenol

Concen: 107.98 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

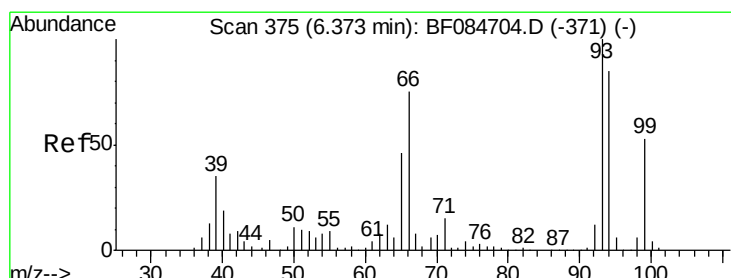
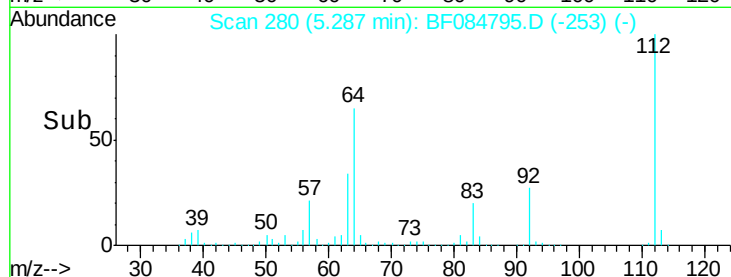
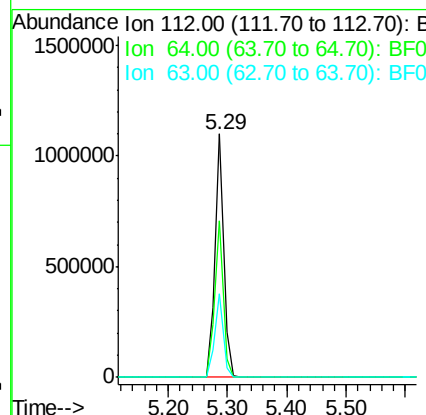
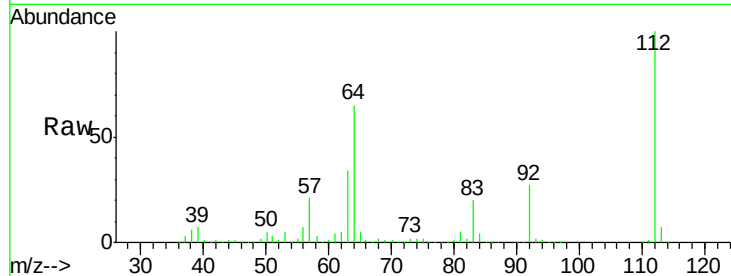
ClientSampleId :

PB88152BS

Tot Ion:	112	Resp:	1131195
Ion Ratio	Lower	Upper	
112	100		
64	64.6	36.6	55.0#
63	34.1	19.4	29.0#

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#6

Aniline

Concen: 23.50 ng

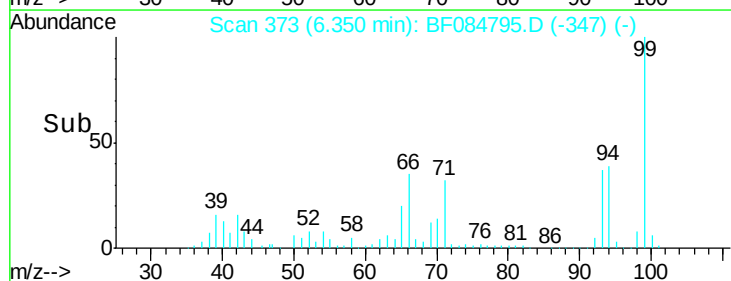
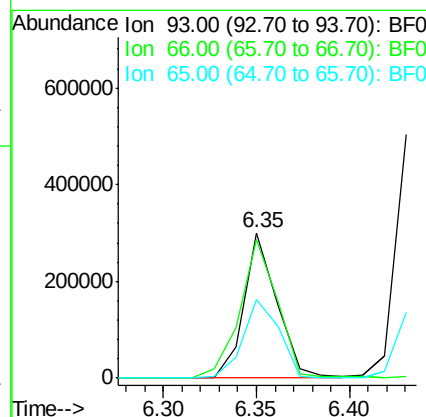
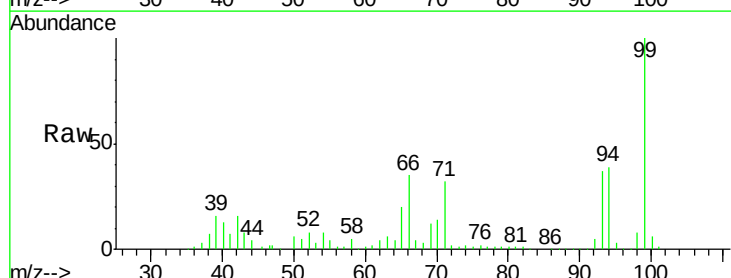
RT: 6.35 min Scan# 373

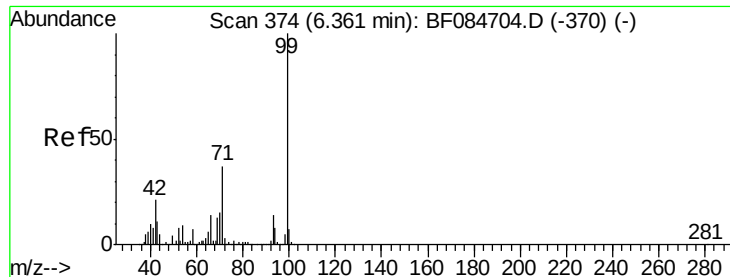
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	93	Resp:	373489
Ion Ratio	Lower	Upper	
93	100		
66	95.3	44.9	67.3#
65	54.4	23.7	35.5#





#7

Phenol-d6

Concen: 118.19 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion: 99 Resp: 1534997

Ion Ratio Lower Upper

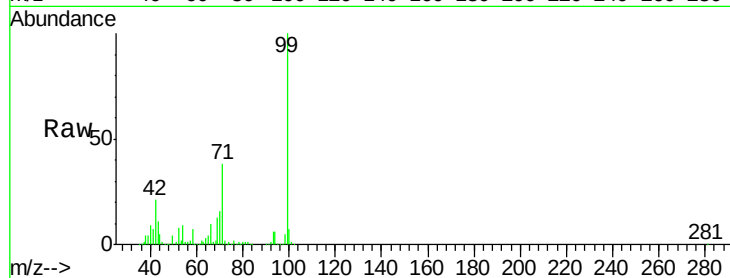
99 100

42 20.7 12.8 19.2#

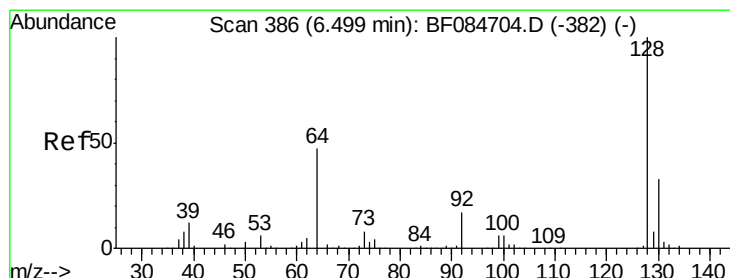
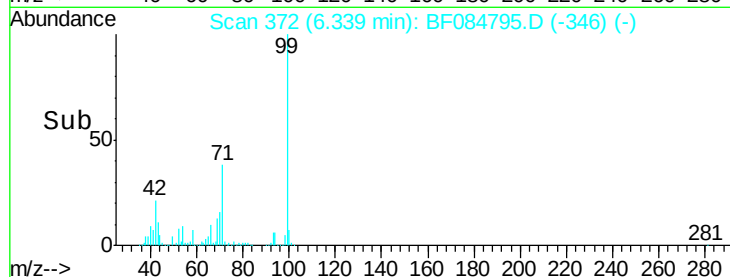
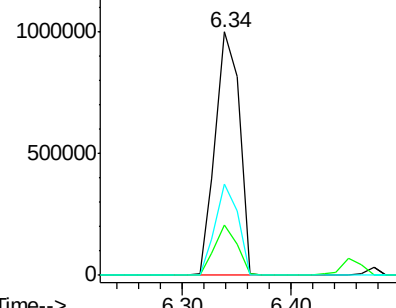
71 37.6 30.9 46.3

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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: 41.38 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

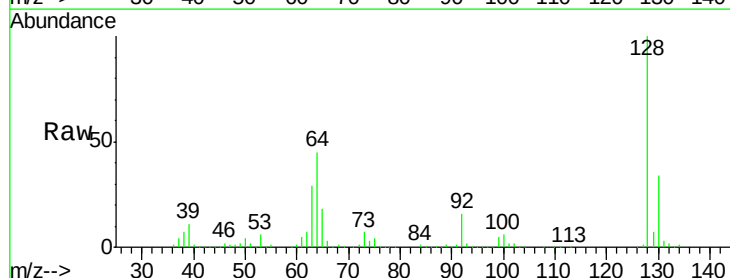
Tgt Ion: 128 Resp: 490726

Ion Ratio Lower Upper

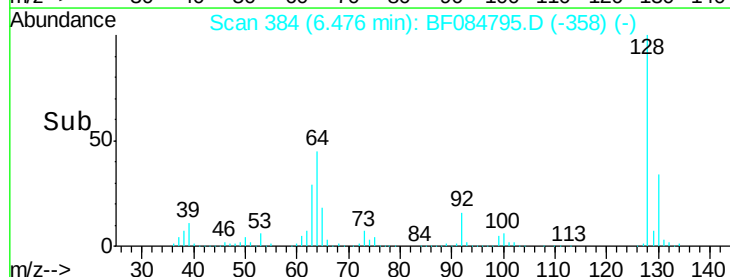
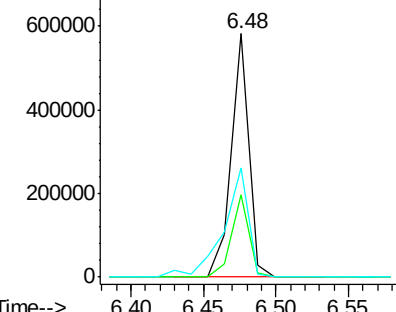
128 100

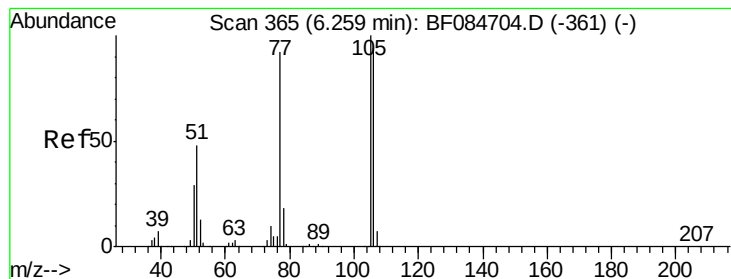
130 34.0 11.6 51.6

64 45.0 23.8 63.8



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: 21.58 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

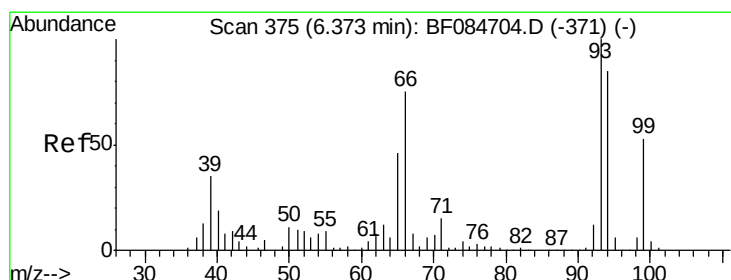
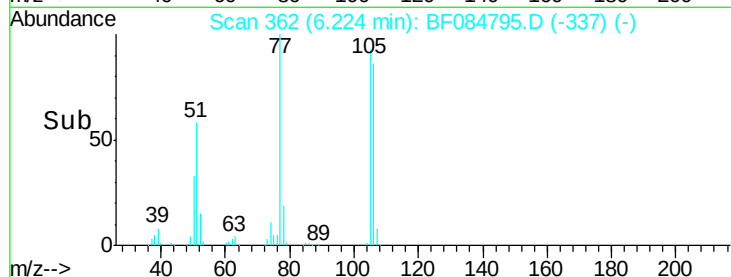
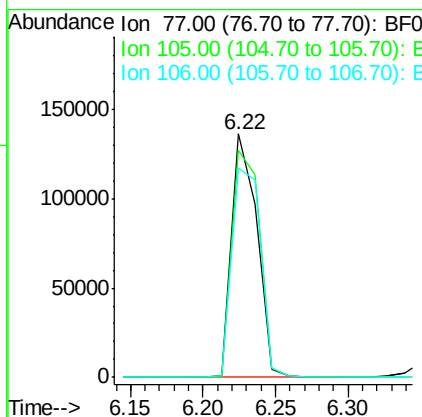
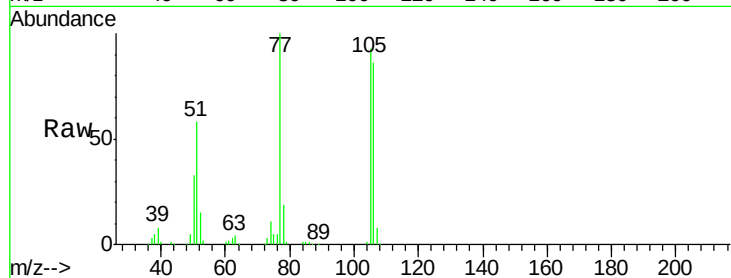
ClientSampleId :

PB88152BS

Tot Ion:	77	Resp:	165495
Ion Ratio	Lower	Upper	
77	100		
105	93.3	83.0	123.0
106	86.1	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 35.58 ng

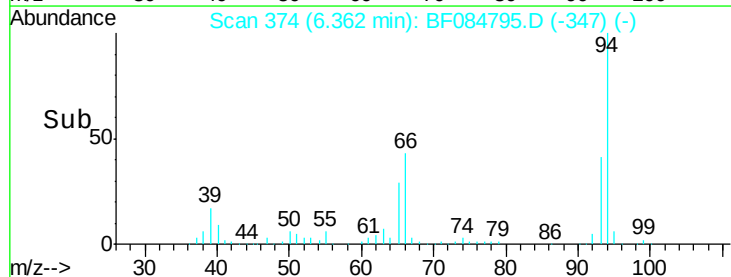
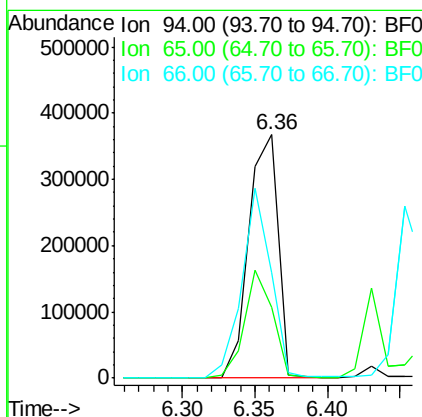
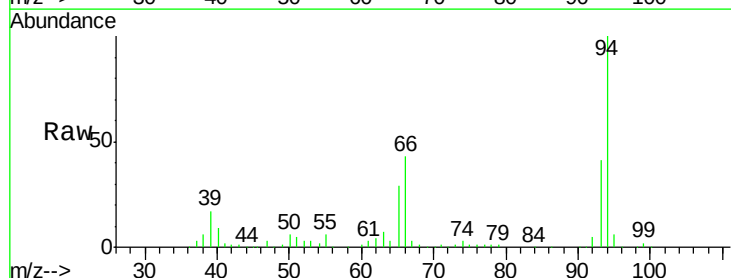
RT: 6.36 min Scan# 374

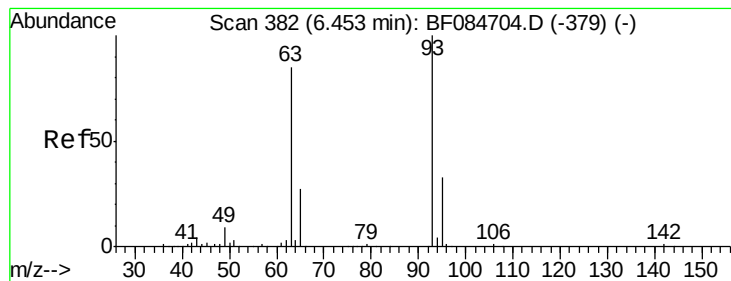
Delta R.T. 0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	94	Resp:	517679
Ion Ratio	Lower	Upper	
94	100		
65	29.1	12.9	52.9
66	43.0	32.7	72.7





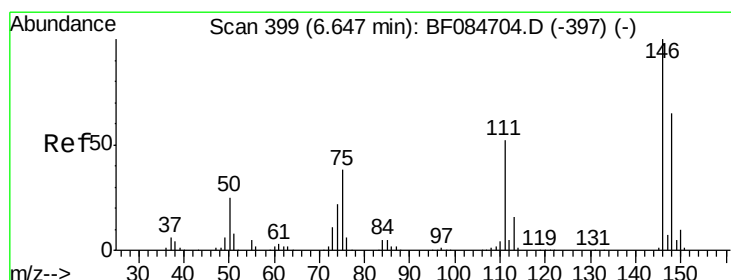
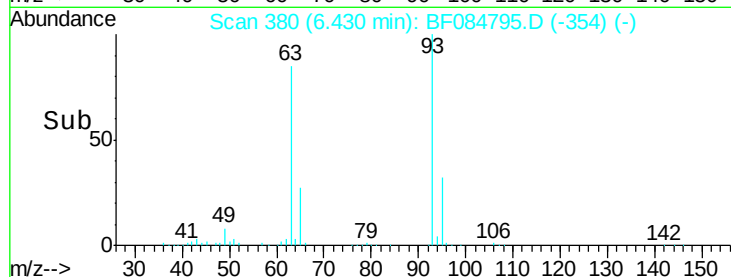
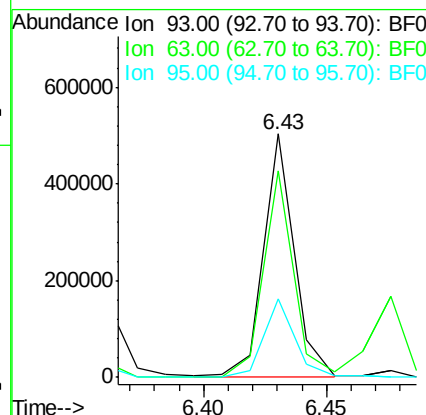
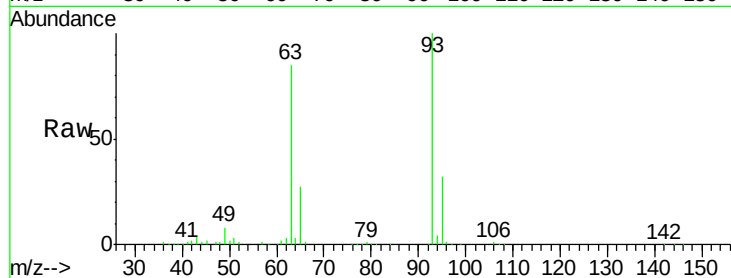
#11
bis(2-Chloroethyl)ether
Concen: 38.48 ng/ml
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	45.9	85.9
95	32.4	12.3	52.3

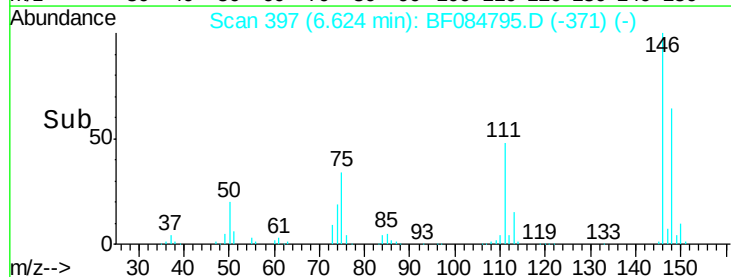
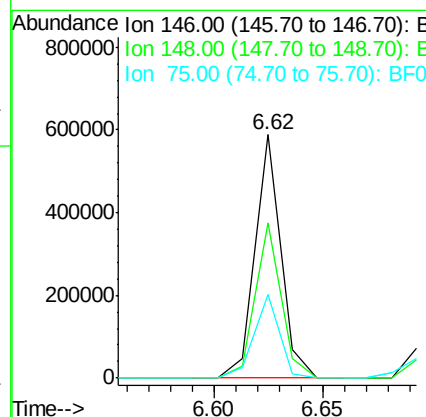
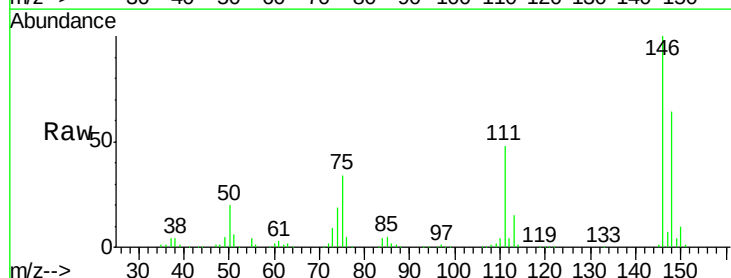
Manual Integrations
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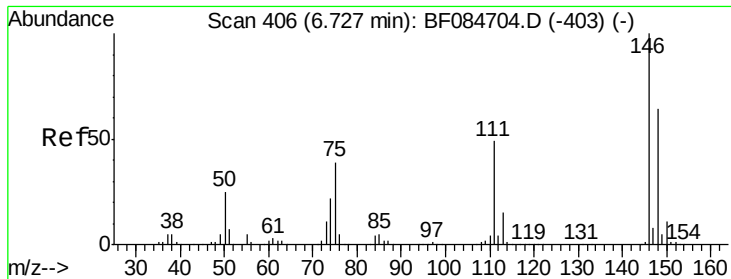
mohammad
2/4/2016 2:04:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.63 ng/ml
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
75	34.2	20.5	30.7





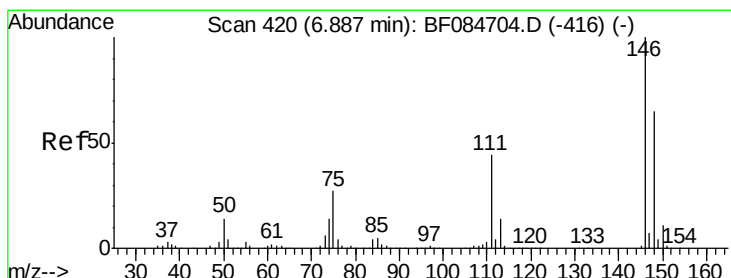
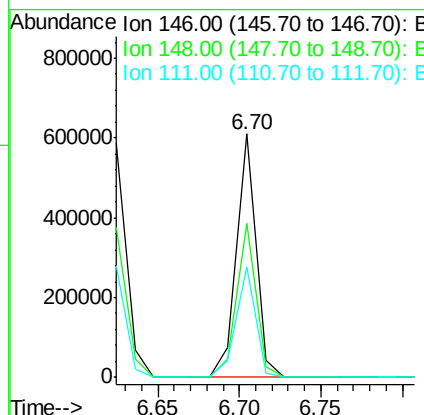
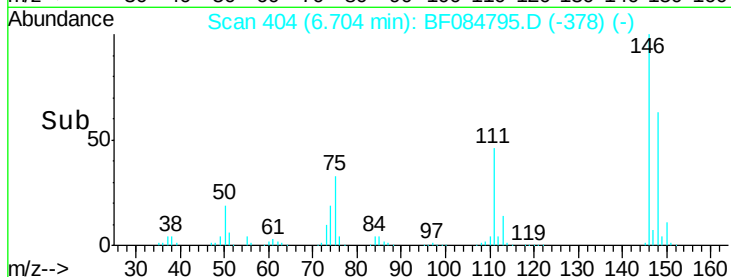
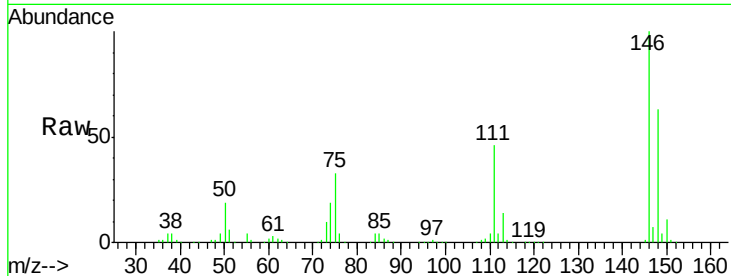
#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	45.5	41.6	62.4

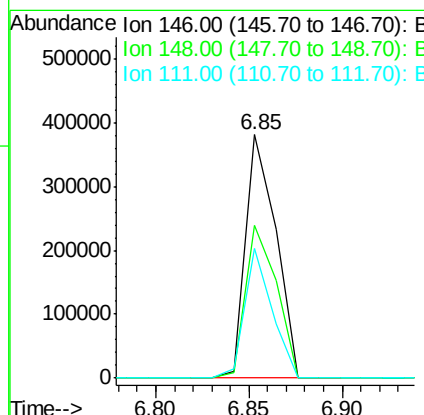
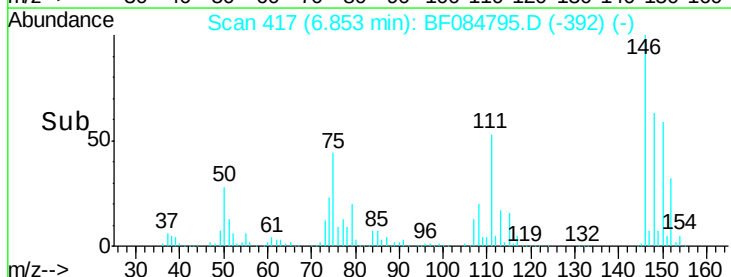
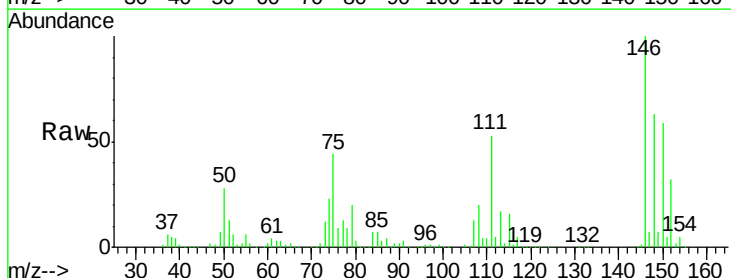
Manual Integrations
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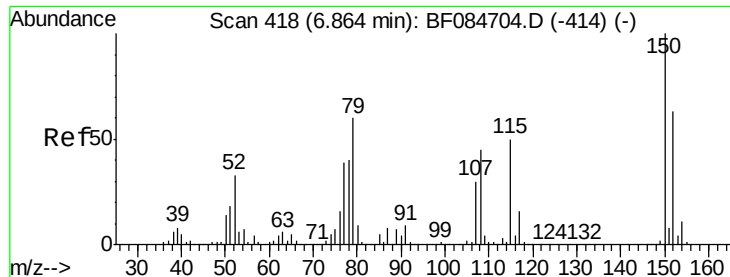
mohammad
 2/4/2016 2:04:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.74 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.6	77.4
111	53.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 41.73 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion: 79 Resp: 374197

Ion Ratio Lower Upper

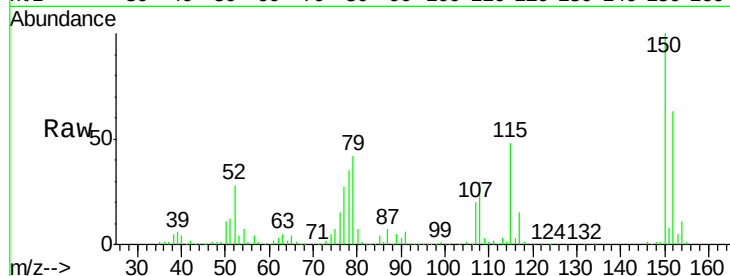
79 100

108 70.7 69.0 103.4

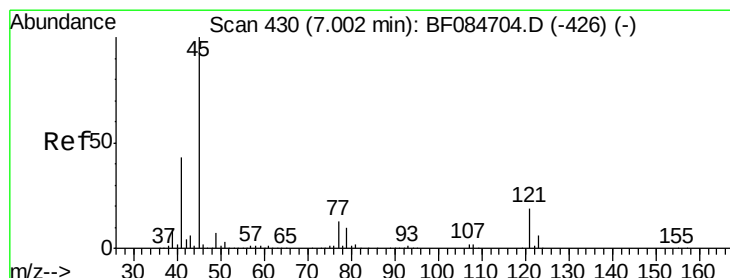
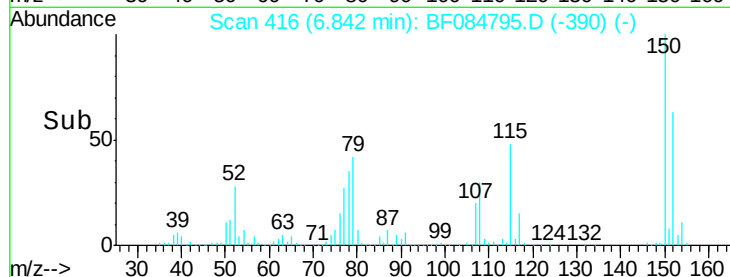
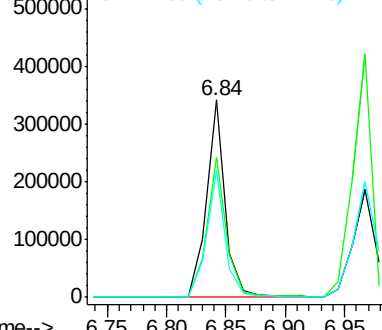
77 64.7 50.0 75.0

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.48 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

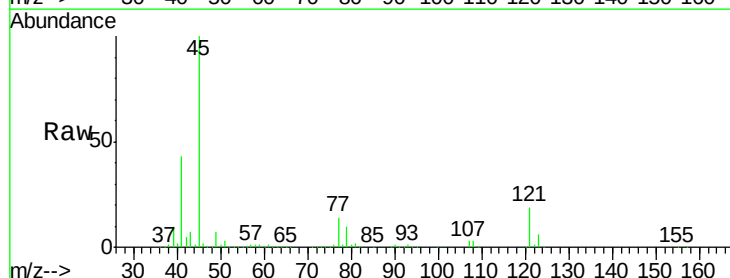
Tgt Ion: 45 Resp: 696260

Ion Ratio Lower Upper

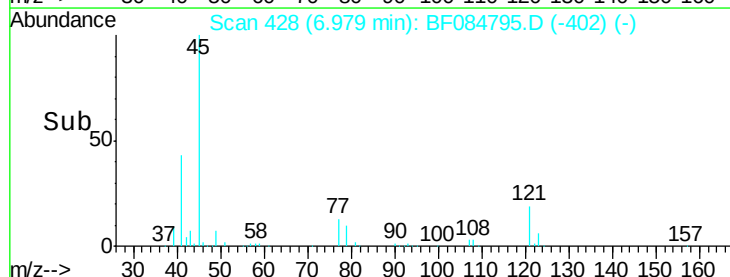
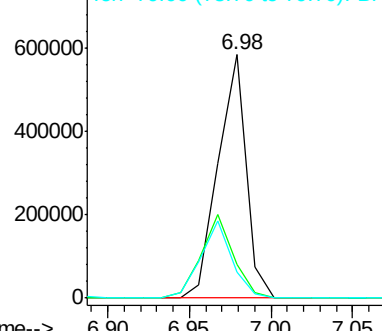
45 100

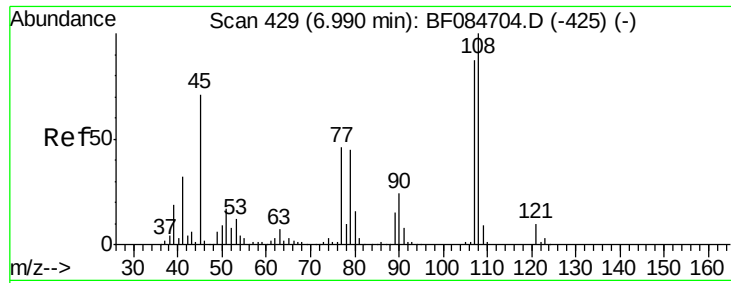
77 13.9 0.0 39.6

79 10.5 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.23 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

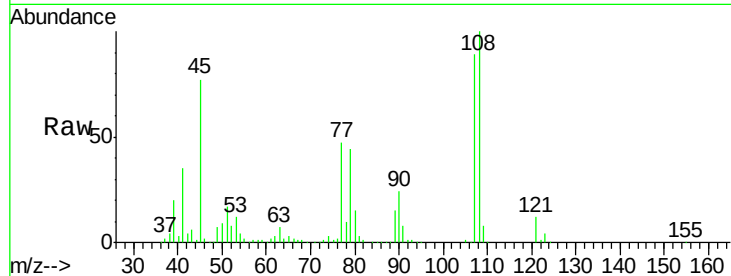
ClientSampleId :

PB88152BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.8		89.8	134.6	
77	53.4		35.7	53.5	
79	49.9		35.7	53.5	

Manual Integrations
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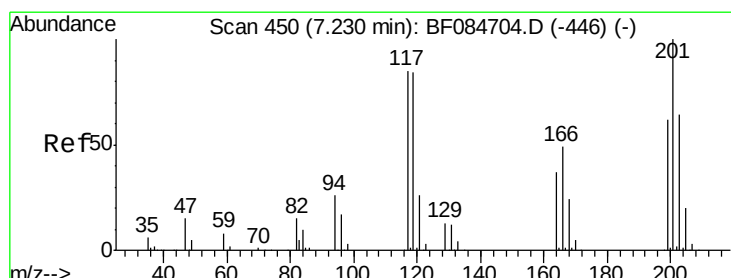
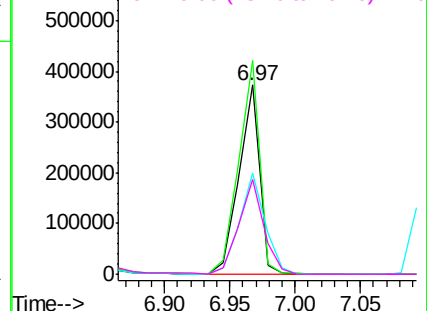
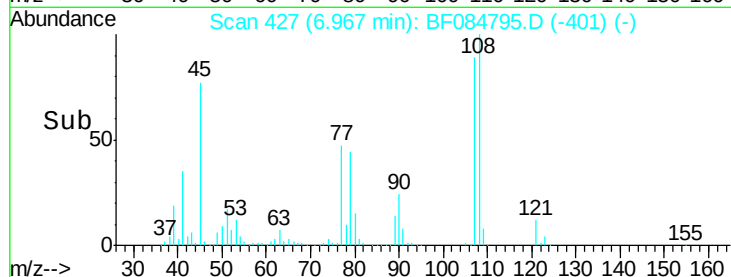
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.14 ng

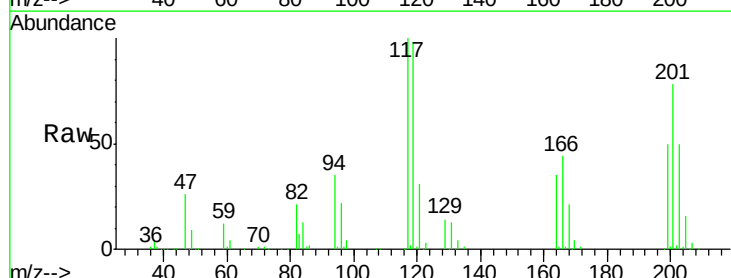
RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.9		77.4	116.0	
201	78.0		68.6	103.0	

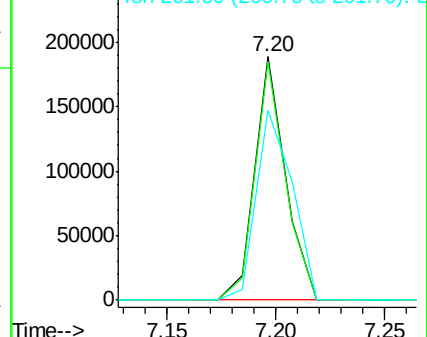
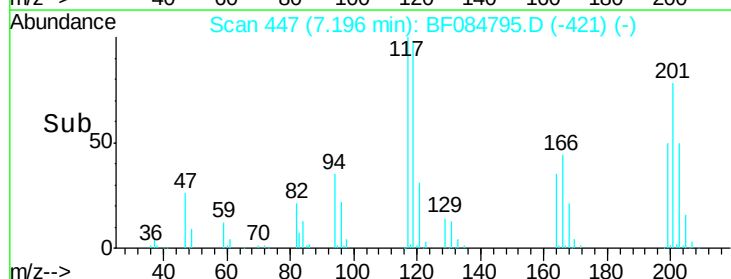


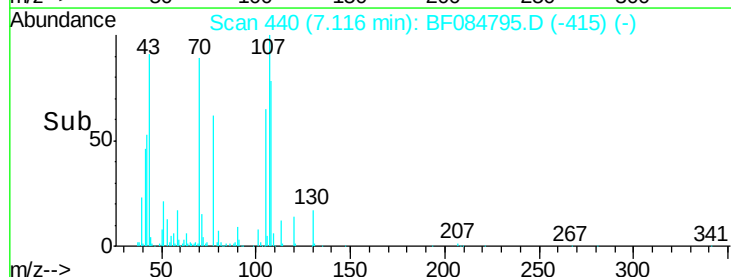
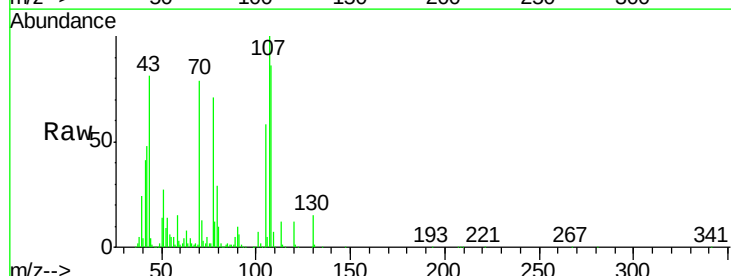
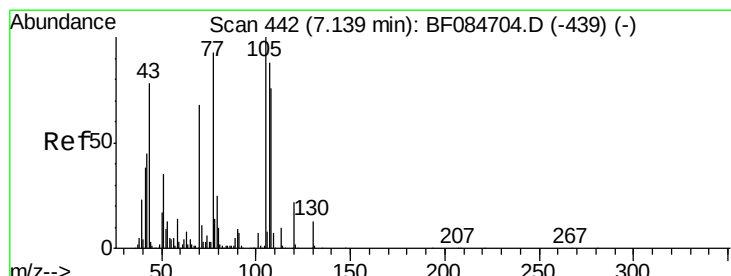
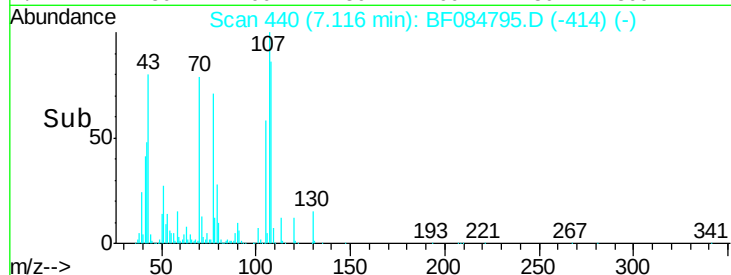
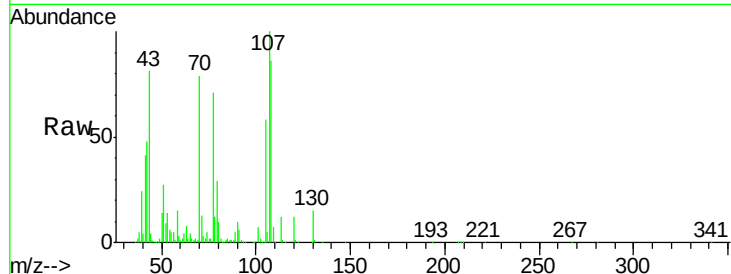
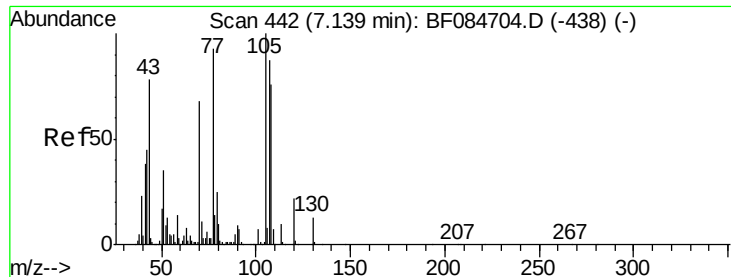
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





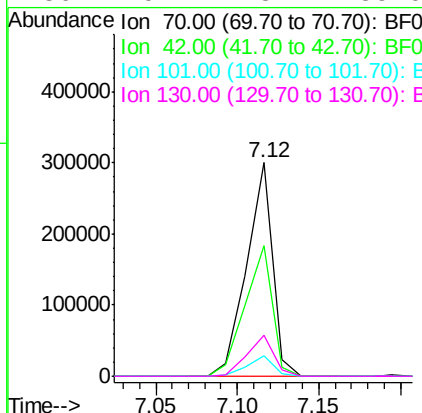
#19
n-Nitroso-di-n-propylamine
Concen: 40.68 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	33.3	49.9#
101	9.4	9.3	13.9
130	19.2	23.4	35.0#

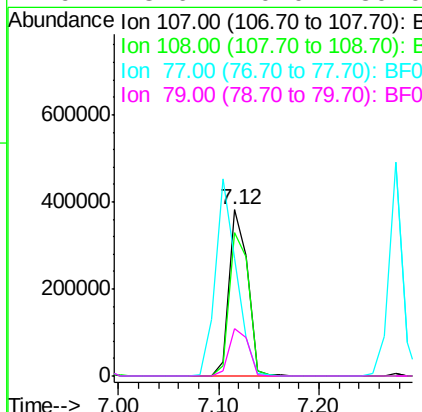
Manual Integrations
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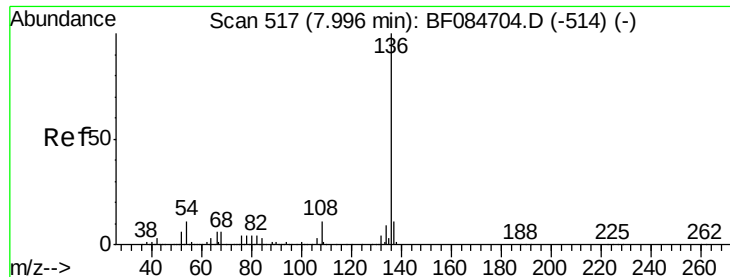
mohammad
2/4/2016 2:04:40 PM



#20
3+4-Methylphenols
Concen: 41.62 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	74.6	114.6
77	70.9	0.7	40.7#
79	28.6	0.0	39.0





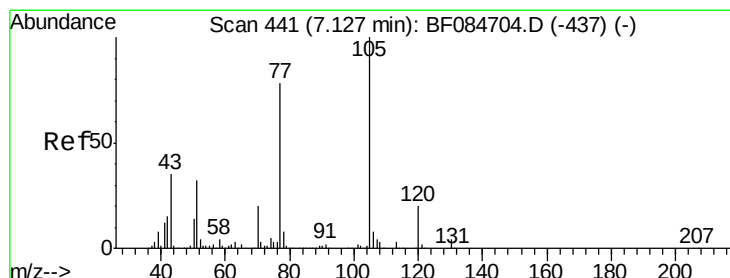
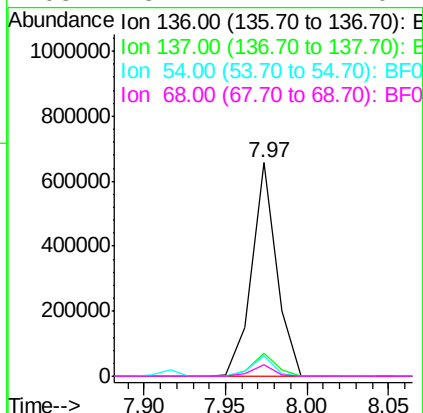
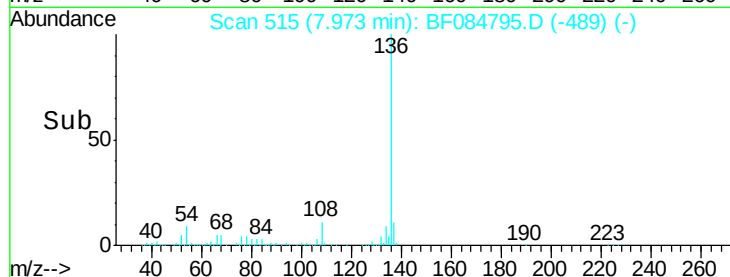
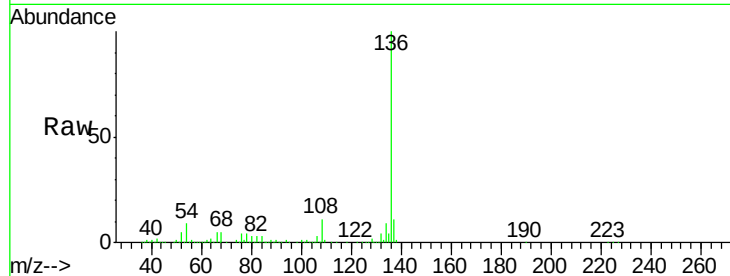
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	5.8	8.8
68	5.2	4.2	6.2

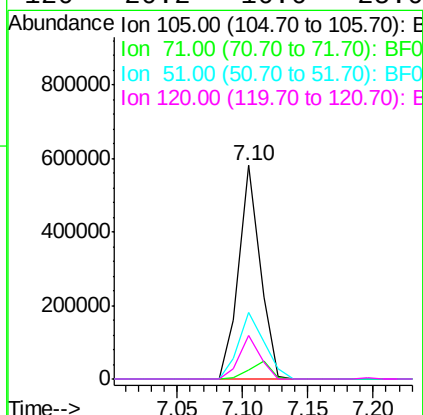
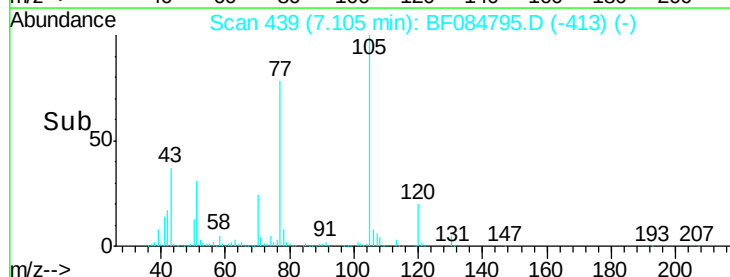
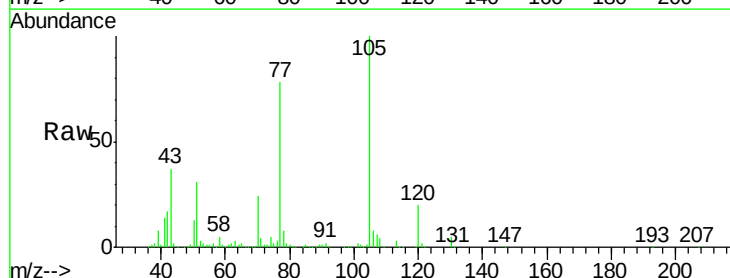
Manual Integrations
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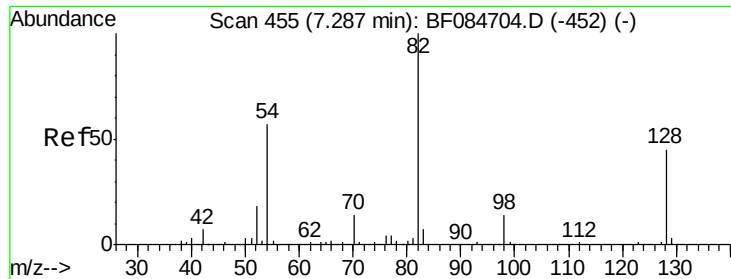
mohammad
2/4/2016 2:04:40 PM



#22
Acetophenone
Concen: 36.41 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.0	3.7	5.5
51	30.9	25.1	37.7
120	20.2	16.6	25.0





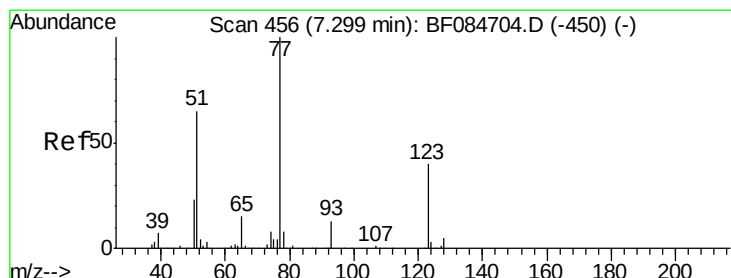
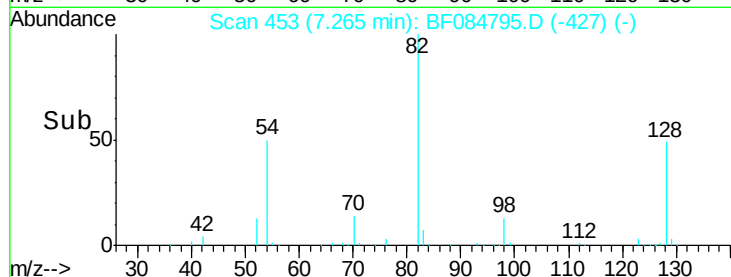
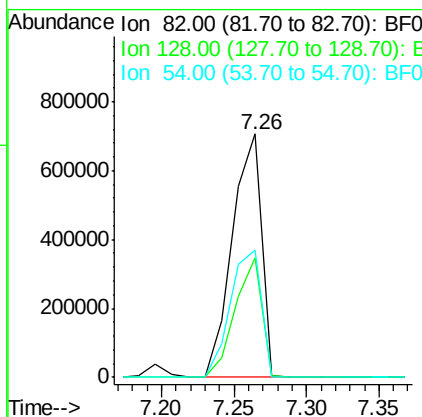
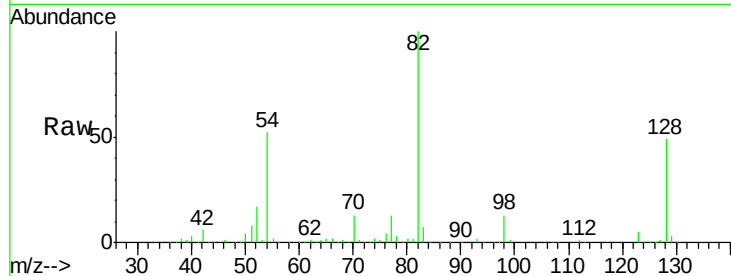
#23
 Nitrobenzene-d5
 Concen: 80.06 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	985557		
128	48.9	34.6	51.8	
54	52.2	38.4	57.6	

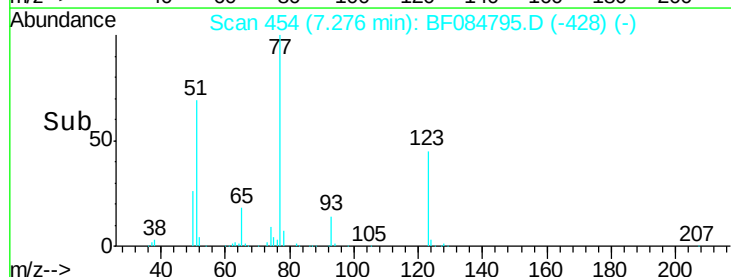
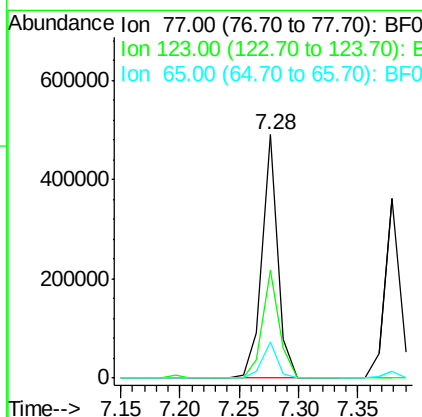
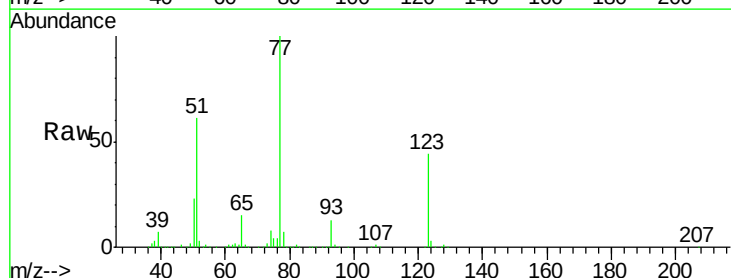
Manual Integrations
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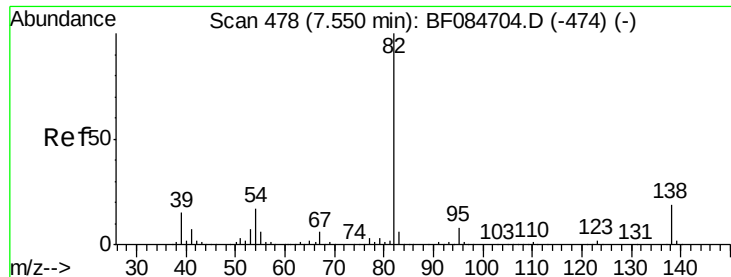
mohammad
 2/4/2016 2:04:40 PM



#24
 Nitrobenzene
 Concen: 34.65 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	456801		
123	44.2	37.4	56.2	
65	14.8	10.9	16.3	





#25

Isophorone

Concen: 38.03 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

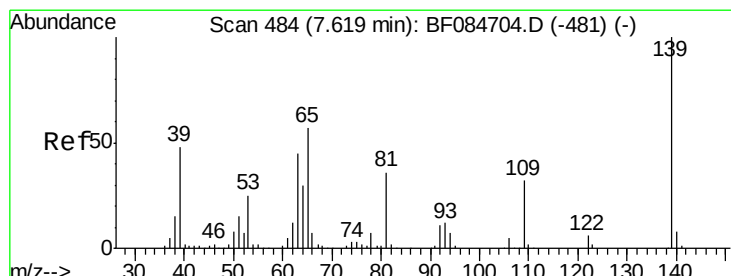
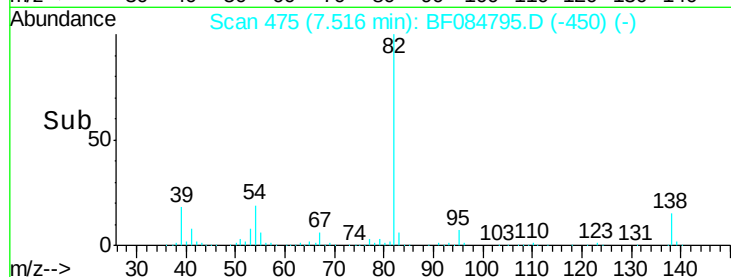
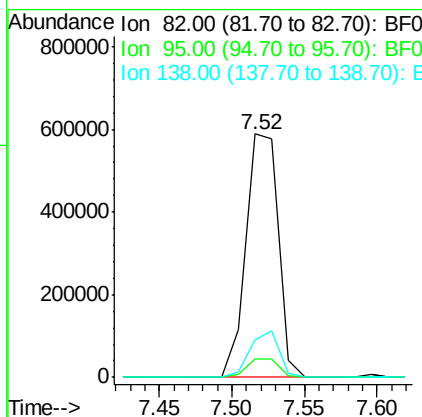
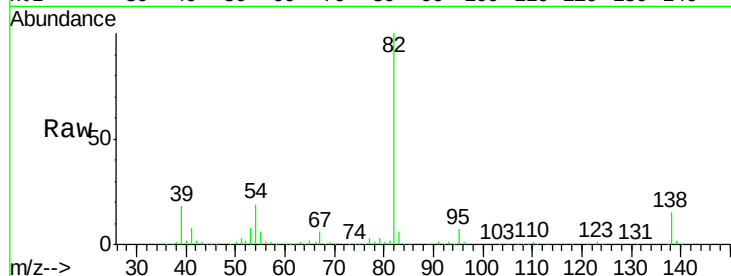
ClientSampleId :

PB88152BS

Tot Ion:	82	Resp:	910262
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.6	10.0
138	15.5	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.80 ng

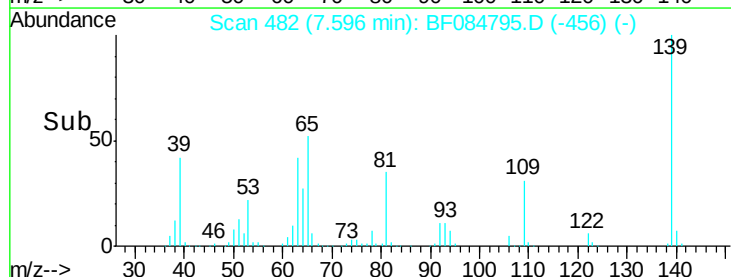
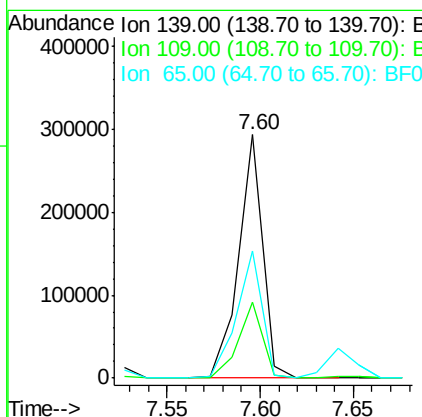
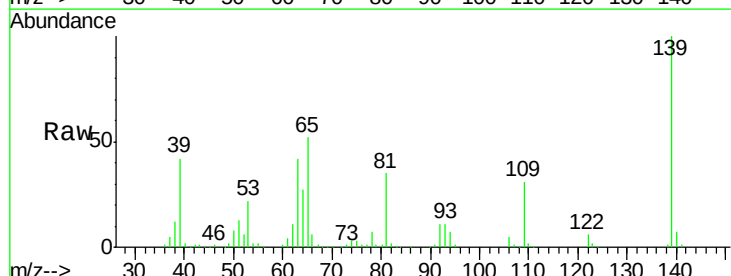
RT: 7.60 min Scan# 482

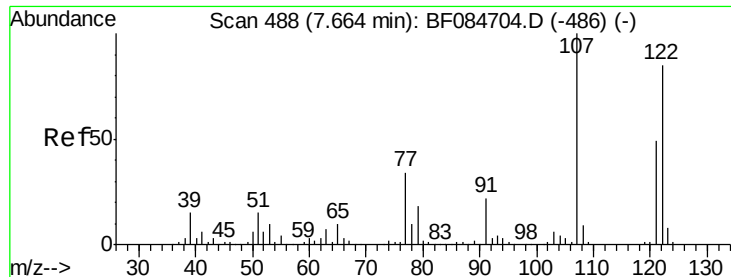
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	139	Resp:	265249
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.4	38.2
65	52.2	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 38.57 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

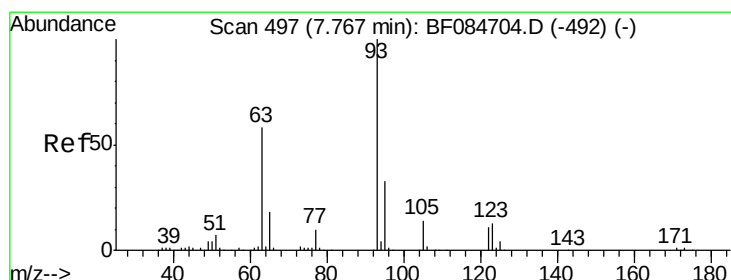
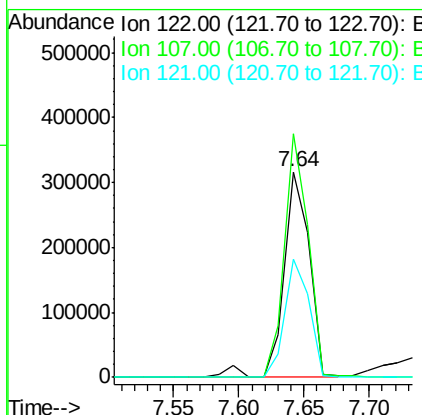
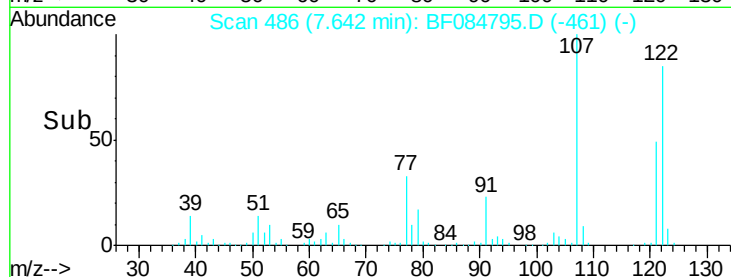
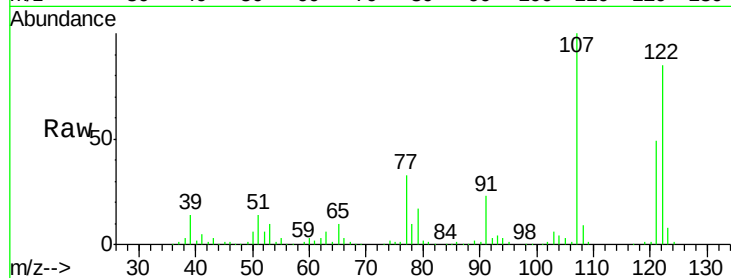
ClientSampleId :

PB88152BS

Tot Ion:	122	Resp:	436191
Ion Ratio	Lower	Upper	
122	100		
107	118.3	99.1	148.7
121	57.6	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.31 ng

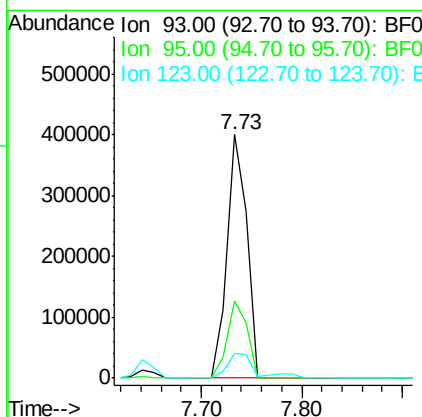
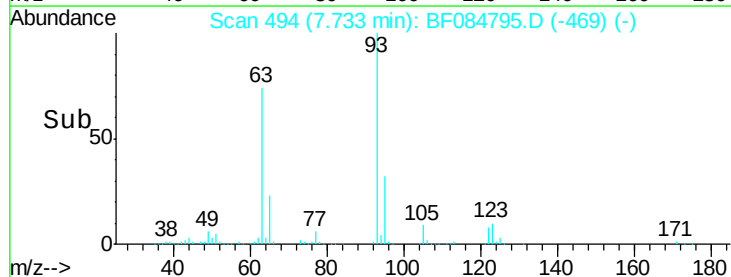
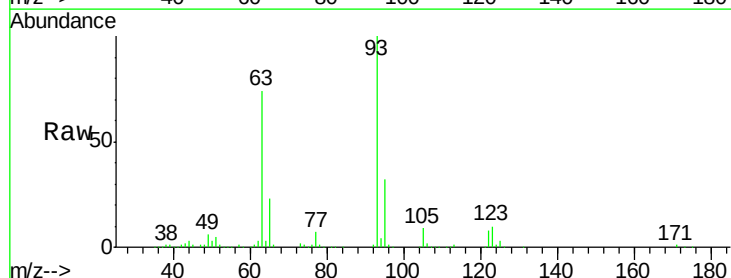
RT: 7.73 min Scan# 494

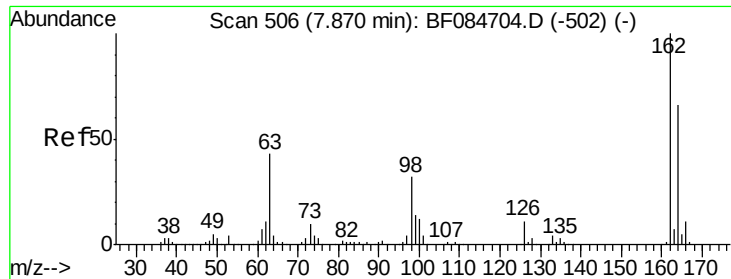
Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	93	Resp:	544043
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.8	38.6
123	10.3	8.6	12.8





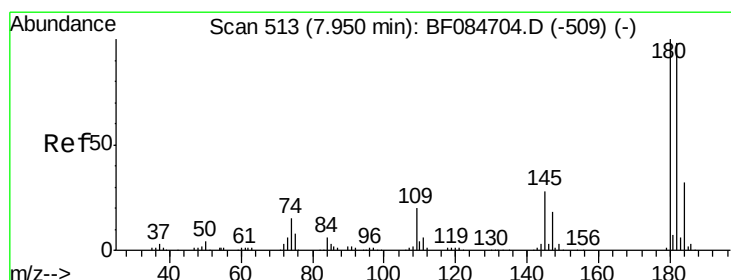
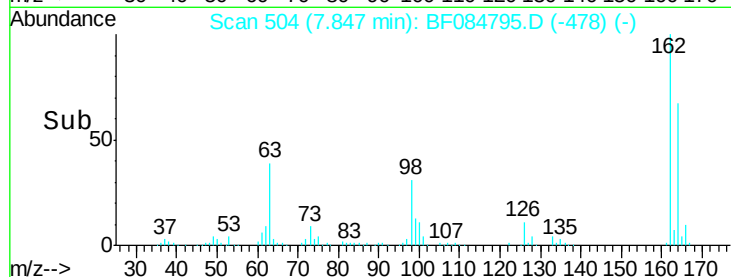
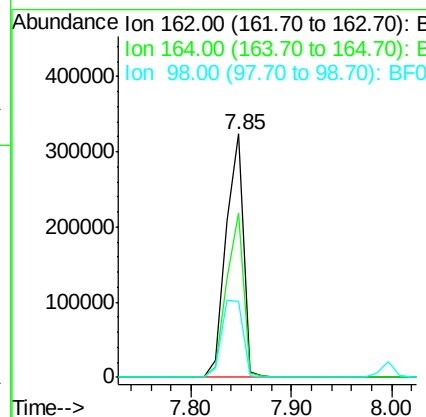
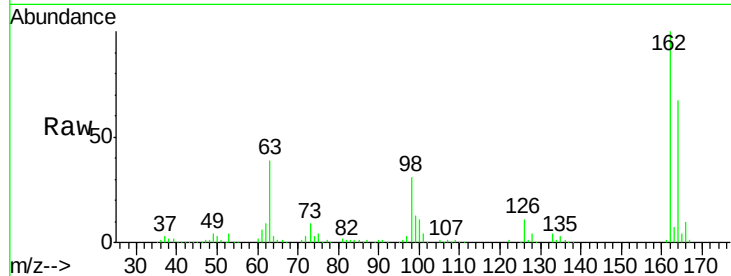
#29
 2,4-Dichlorophenol
 Concen: 40.22 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389159		
164	67.4	44.1	84.1	
98	31.0	20.2	60.2	

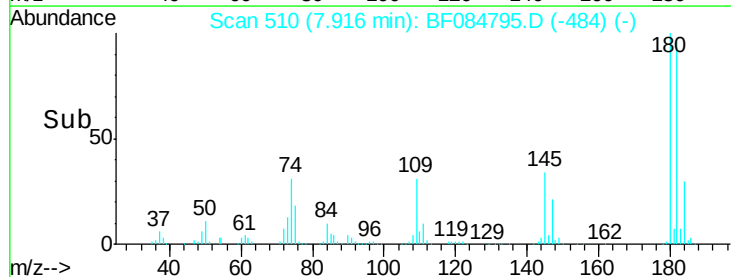
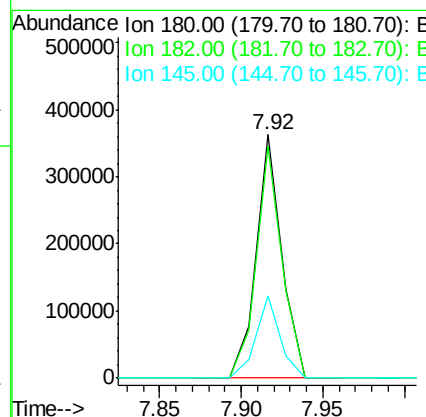
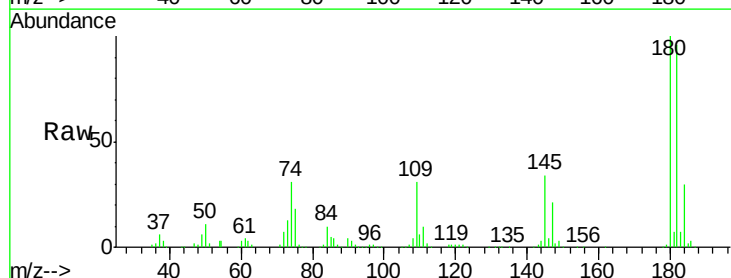
Manual Integrations
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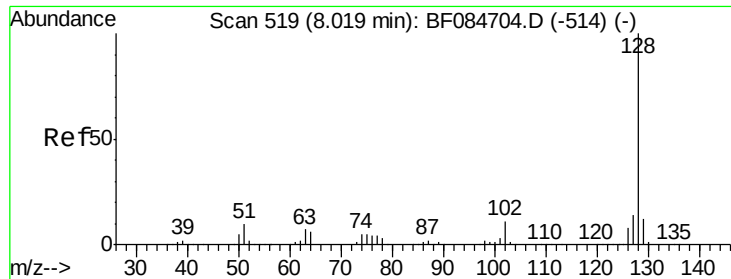
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.97 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393073		
182	95.6	76.4	114.6	
145	34.0	31.6	47.4	





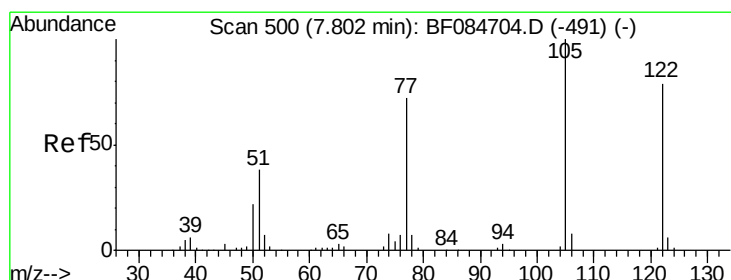
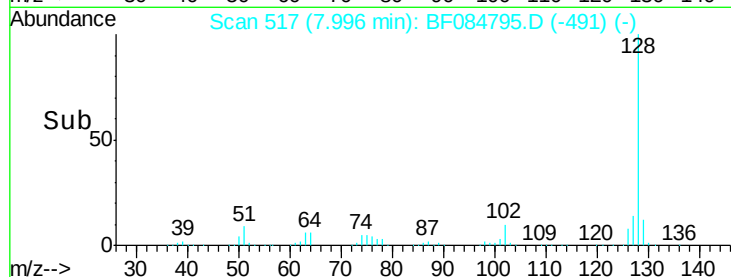
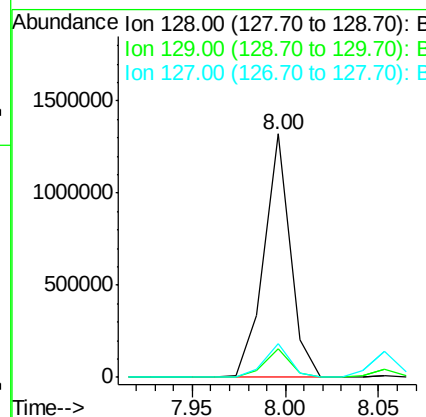
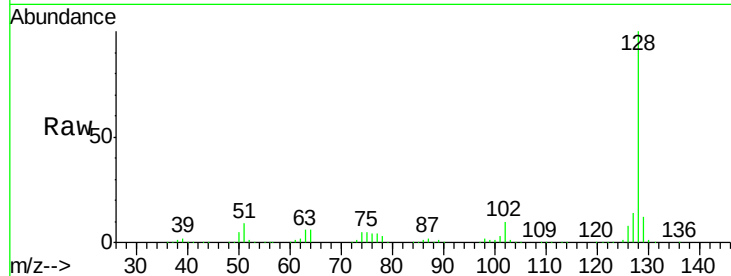
#31
Naphthalene
Concen: 36.98 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion:128 Resp: 1286543
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 11.1 16.7

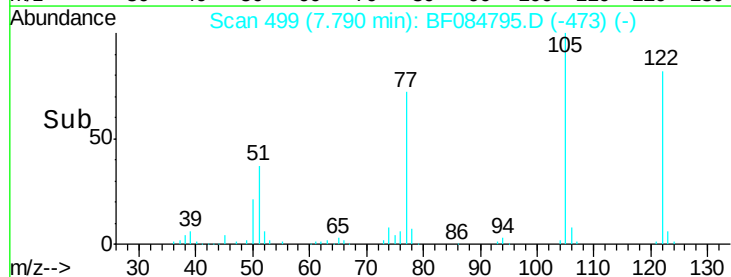
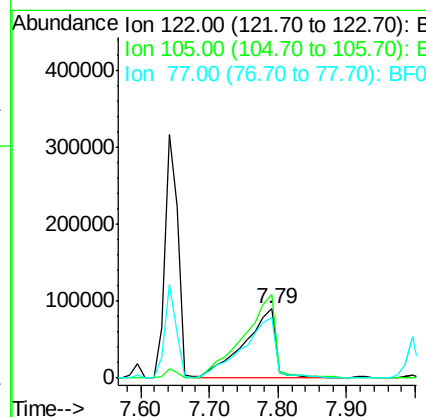
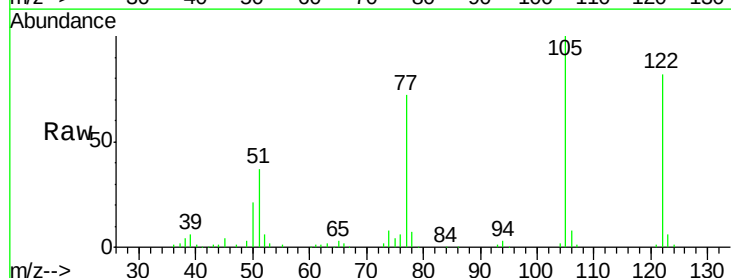
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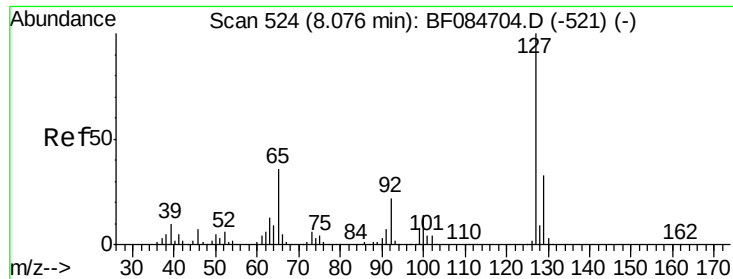
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#32
Benzoic acid
Concen: 38.95 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:122 Resp: 281753
Ion Ratio Lower Upper
122 100
105 121.7 100.3 140.3
77 88.1 63.5 103.5





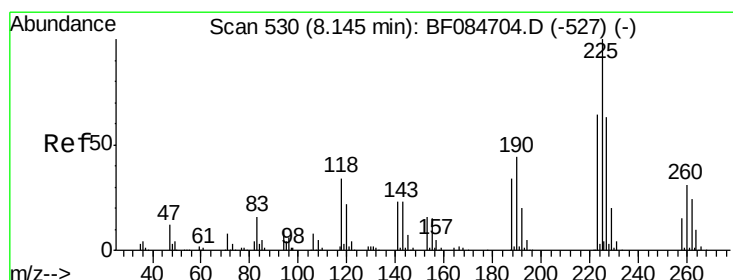
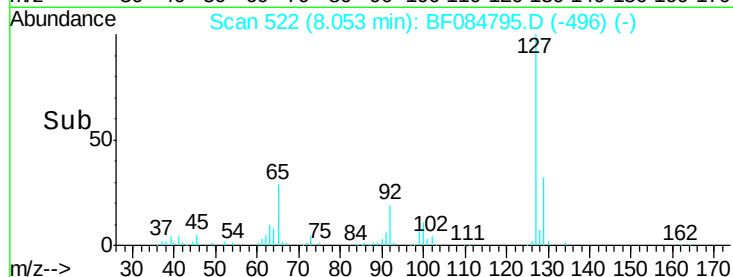
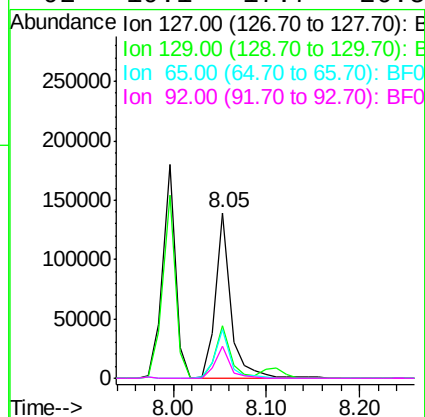
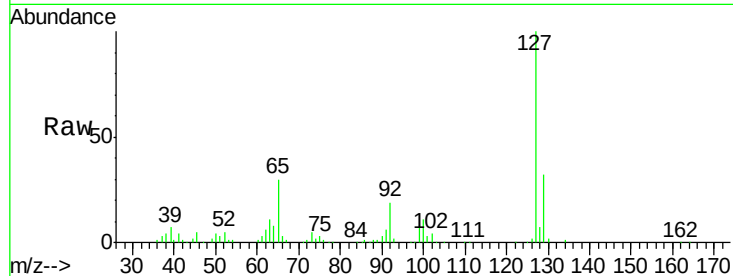
#33
4-Chloroaniline
Concen: 11.14 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		160203		
129	31.9	26.5	39.7		
65	29.9	27.2	40.8		
92	19.1	17.7	26.5		

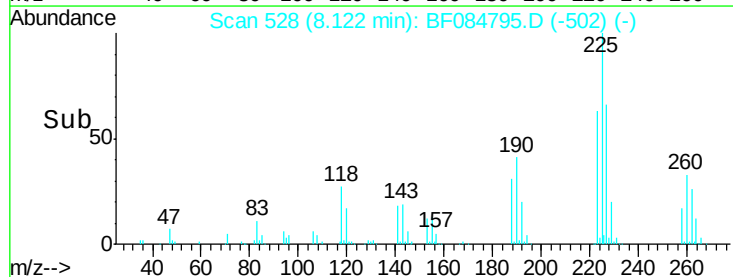
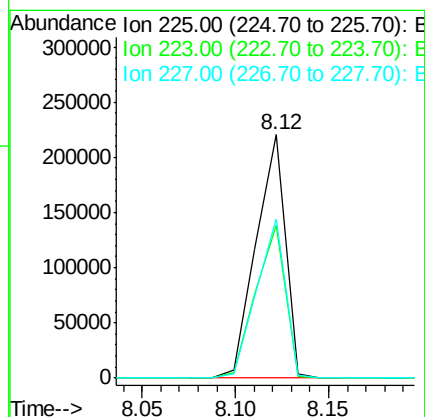
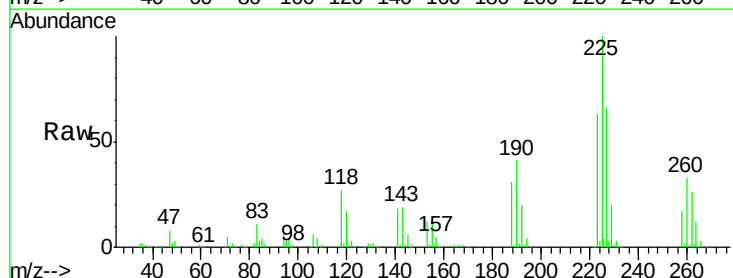
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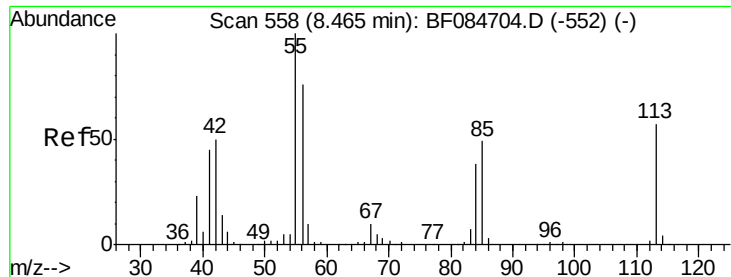
mohammad
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#34
Hexachlorobutadiene
Concen: 37.90 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		238826		
223	62.8	49.4	74.0		
227	65.6	50.8	76.2		





#35

Caprolactam

Concen: 41.68 ng/ml

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleID :

PB88152BS

Tot Ion:113 Resp: 124303
Ion Ratio Lower Upper

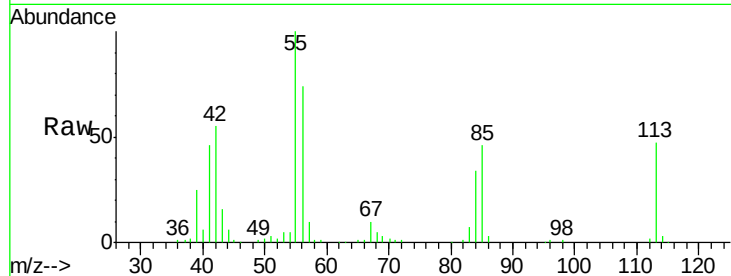
113 100

55 214.2 116.9 156.9#

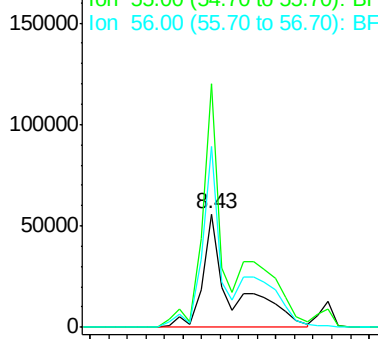
56 159.3 93.8 133.8#

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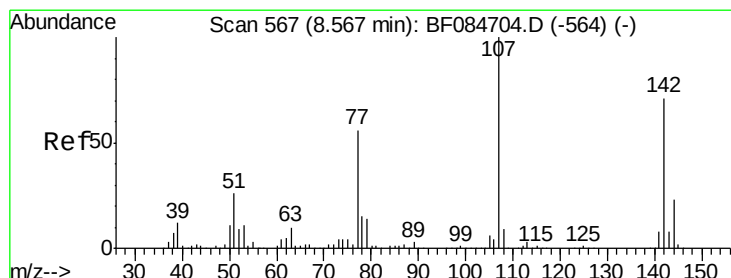
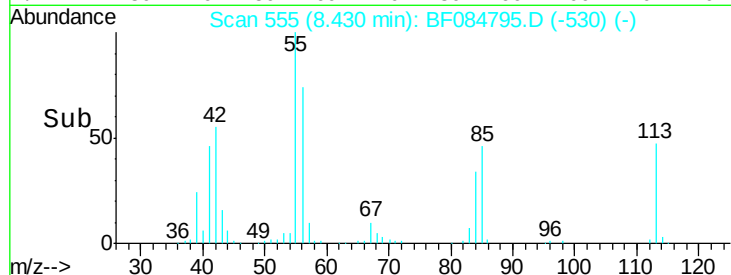
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



Time--> 8.30 8.40 8.50



#36

4-Chloro-3-methylphenol

Concen: 42.64 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084795.D

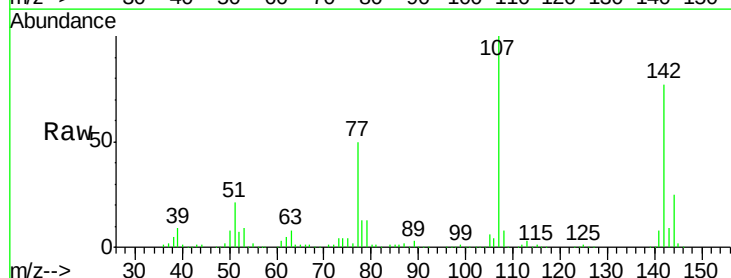
Acq: 3 Feb 2016 20:10

Tgt Ion:107 Resp: 470719
Ion Ratio Lower Upper

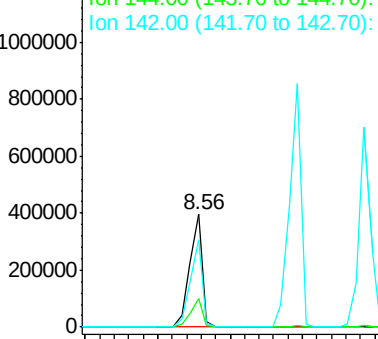
107 100

144 24.9 19.7 29.5

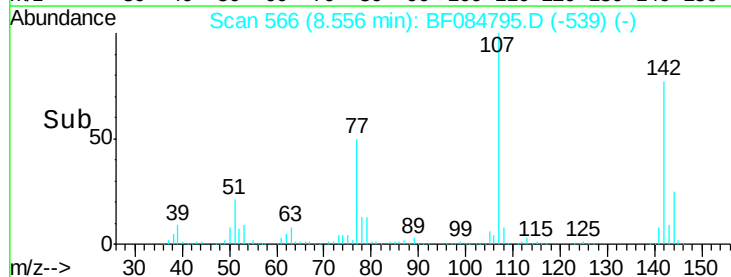
142 77.4 61.8 92.6

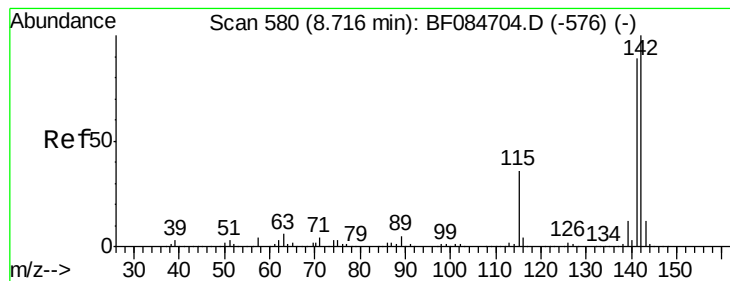


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time--> 8.40 8.50 8.60 8.70





#37

2-Methylnaphthalene

Concen: 43.33 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF084795.D

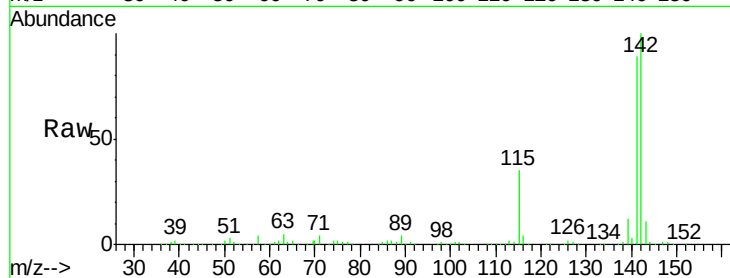
Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

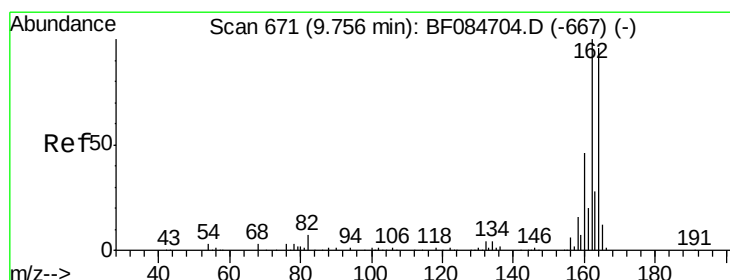
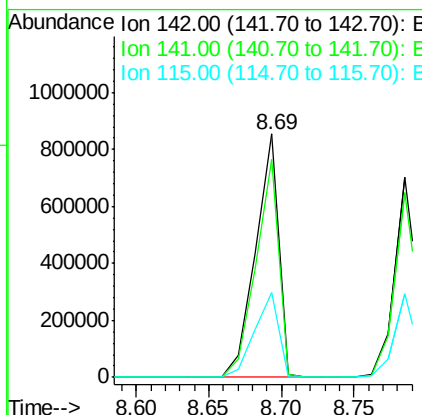
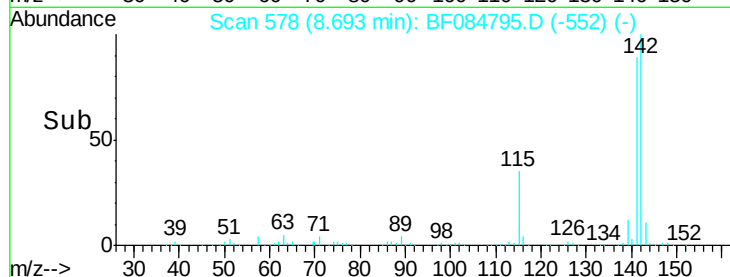
PB88152BS



Tot Ion:	142	Resp:	943314
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.4	108.6
115	35.0	27.9	41.9

Manual Integrations
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#38

Acenaphthene-d10

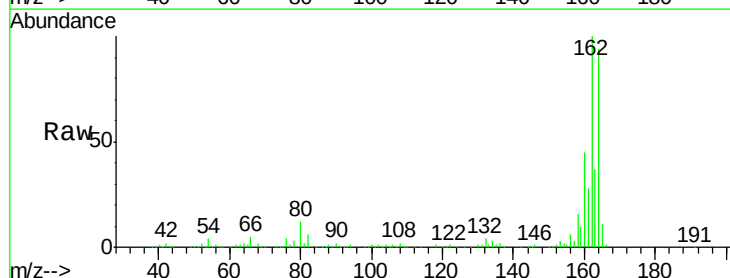
Concen: 20.00 ng

RT: 9.73 min Scan# 669

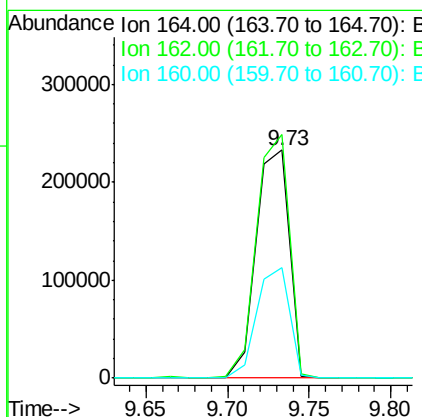
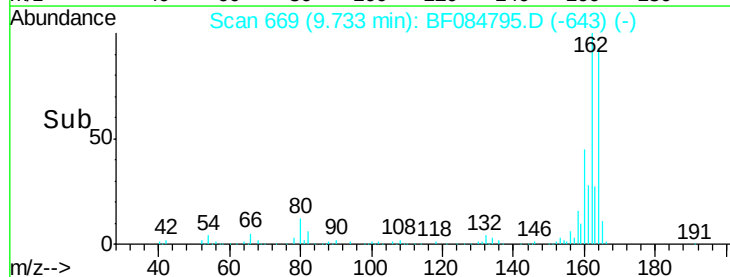
Delta R.T. 0.00 min

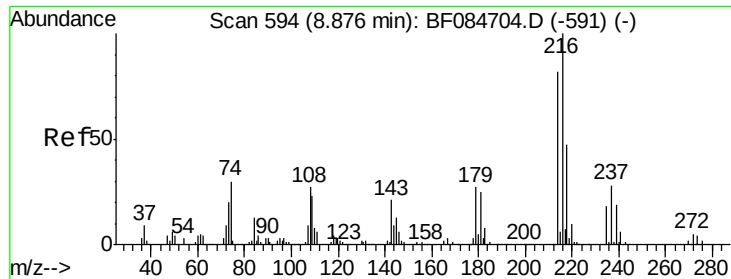
Lab File: BF084795.D

Acq: 3 Feb 2016 20:10



Tgt Ion:	164	Resp:	329687
Ion Ratio	Lower	Upper	
164	100		
162	106.8	85.1	127.7
160	48.5	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.89 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF084795.D

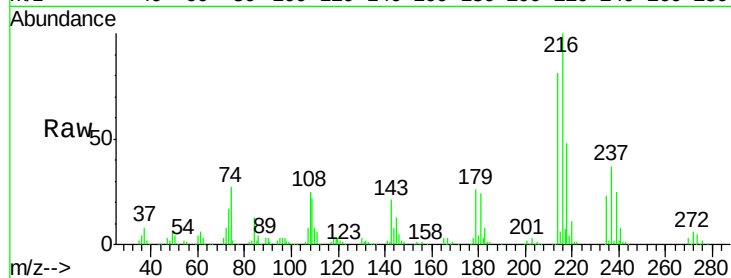
Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

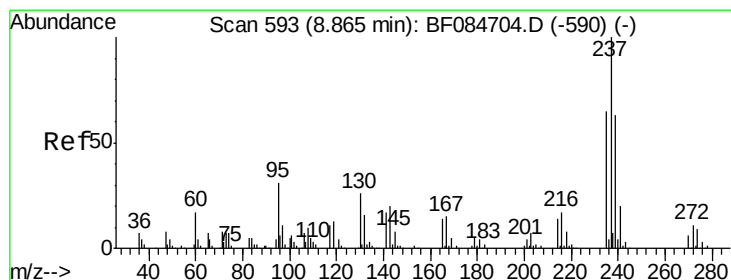
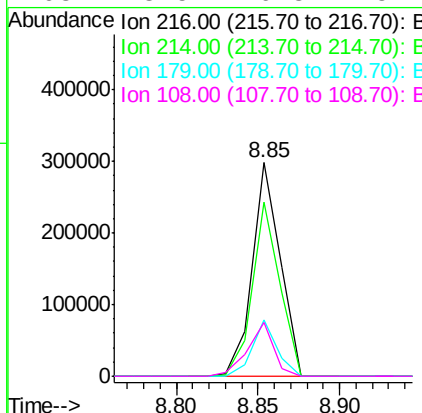
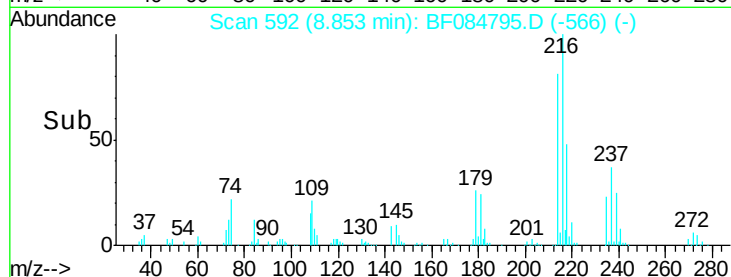
PB88152BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		354868		
214	79.6	64.2	96.2		
179	23.4	18.7	28.1		
108	23.5	16.8	25.2		

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#40

Hexachlorocyclopentadiene

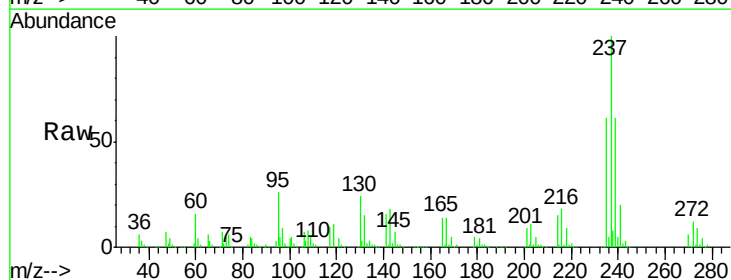
Concen: 78.72 ng

RT: 8.84 min Scan# 591

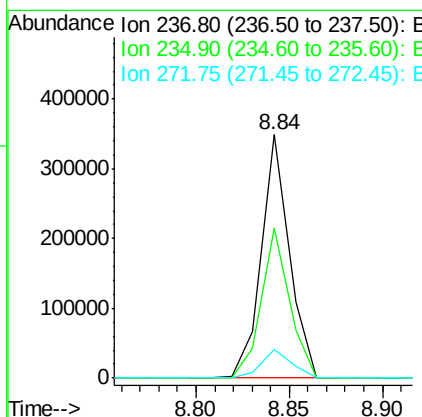
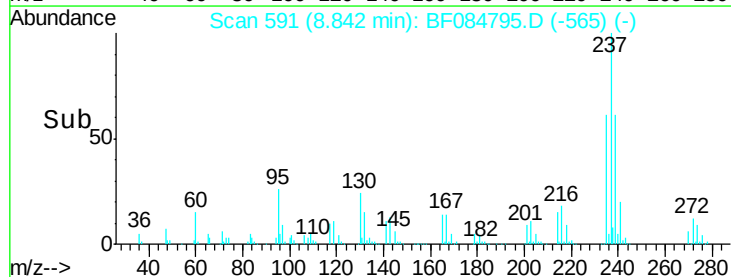
Delta R.T. 0.00 min

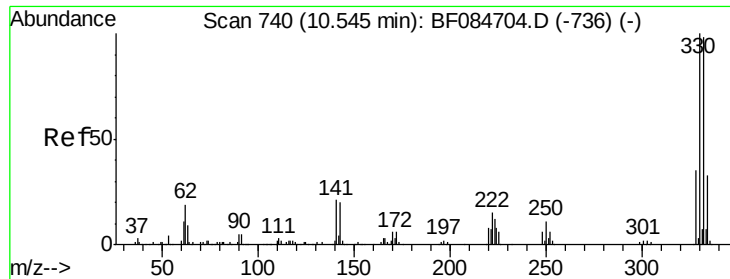
Lab File: BF084795.D

Acq: 3 Feb 2016 20:10



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		361510		
235	61.5	43.1	83.1		
272	11.6	0.0	35.1		





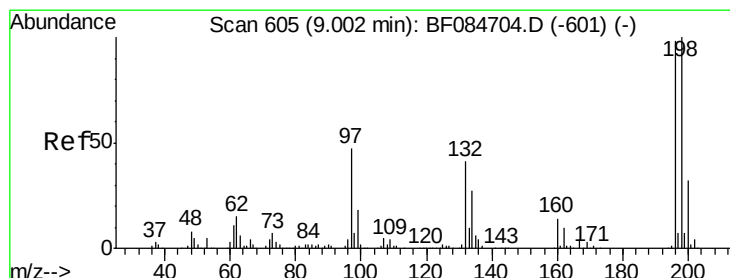
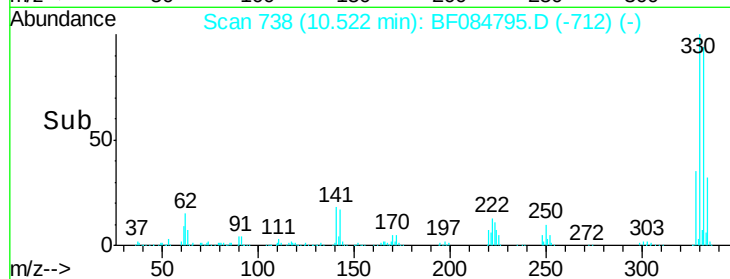
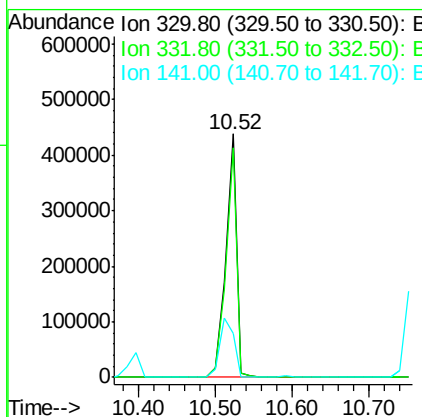
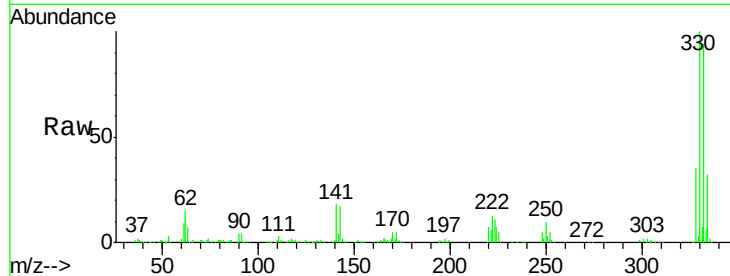
#41
 2,4,6-Tribromophenol
 Concen: 128.53 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampled :
 PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	441999		
332	94.0		76.6	114.8
141	31.6		27.8	41.6

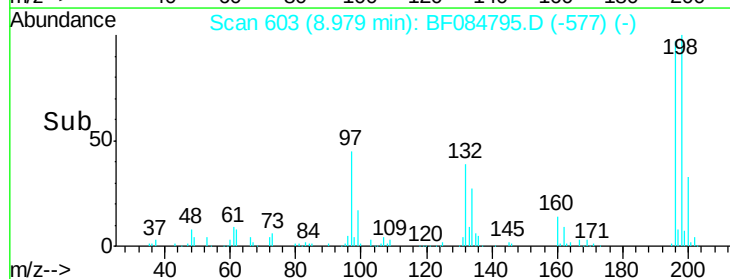
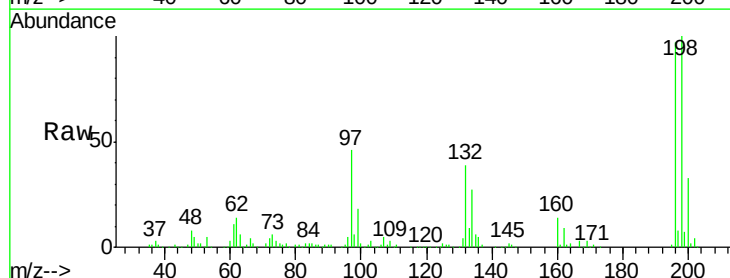
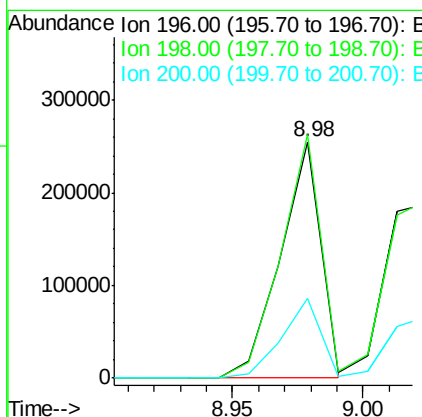
Manual Integrations
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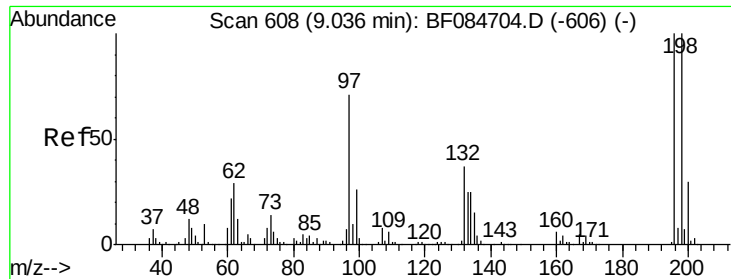
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 40.58 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273748		
198	103.2		77.7	116.5
200	33.9		24.6	37.0





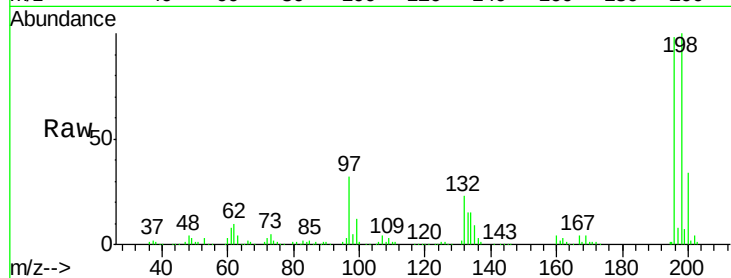
#43
 2,4,5-Trichlorophenol
 Concen: 40.09 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

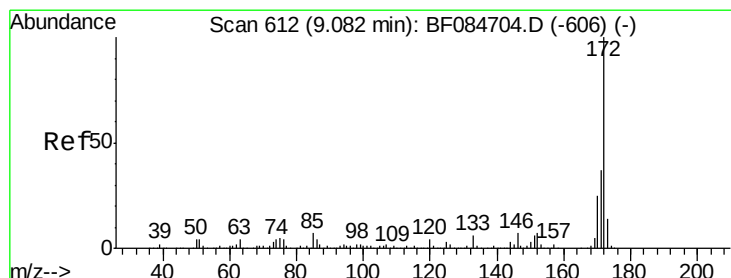
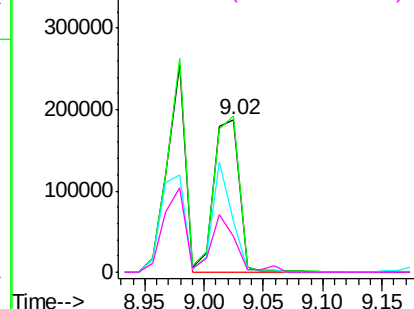
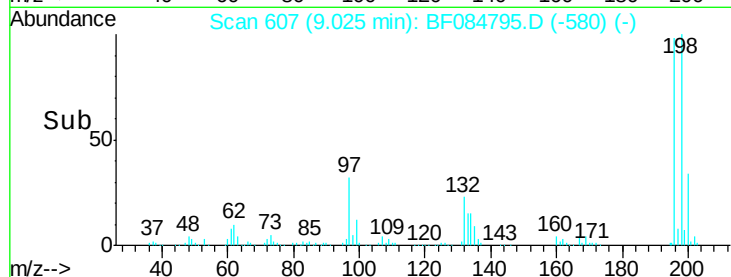
Tot Ion	196	Resp	274773
Ion Ratio	Lower	Upper	
196	100		
198	102.5	79.0	118.6
97	33.2	33.0	49.6
132	23.2	21.1	31.7

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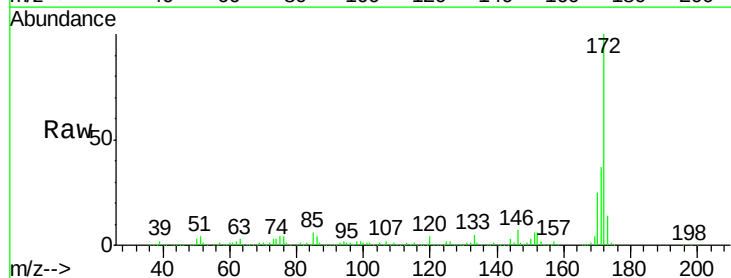


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

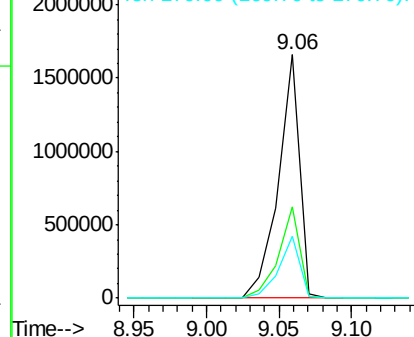
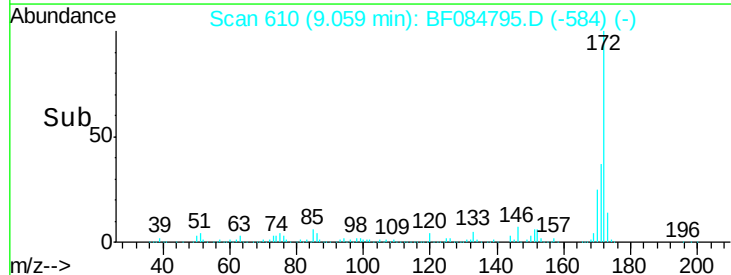


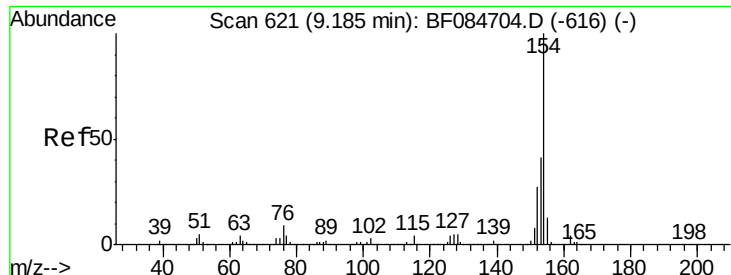
#44
 2-Fluorobiphenyl
 Concen: 86.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	172	Resp	1684198
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.9	43.3
170	25.4	18.6	27.8



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





#45

1,1'-Biphenyl

Concen: 35.58 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion:154 Resp: 1047807

Ion Ratio Lower Upper

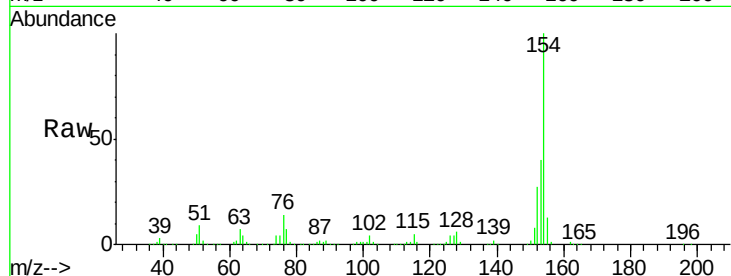
154 100

153 39.9 21.6 61.6

76 13.8 0.0 32.7

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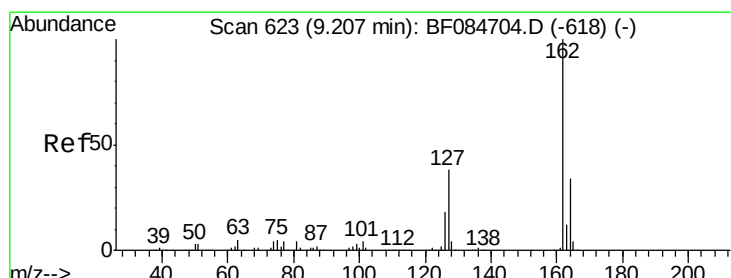
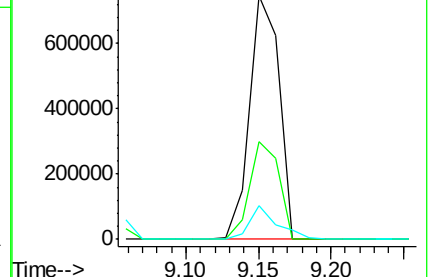
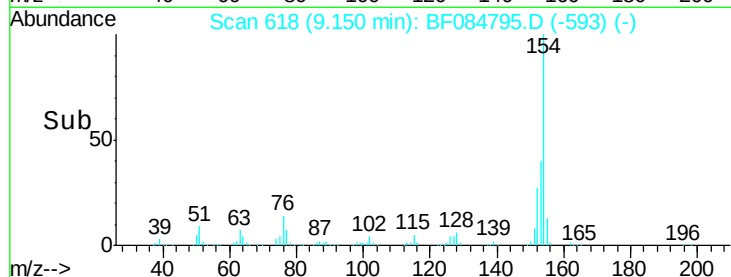
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.64 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

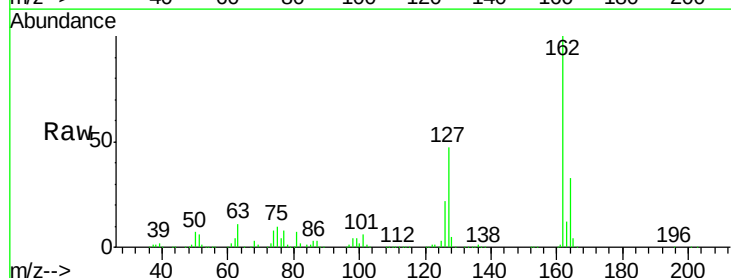
Tgt Ion:162 Resp: 772920

Ion Ratio Lower Upper

162 100

127 46.8 40.2 60.4

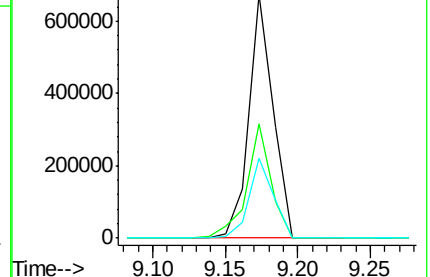
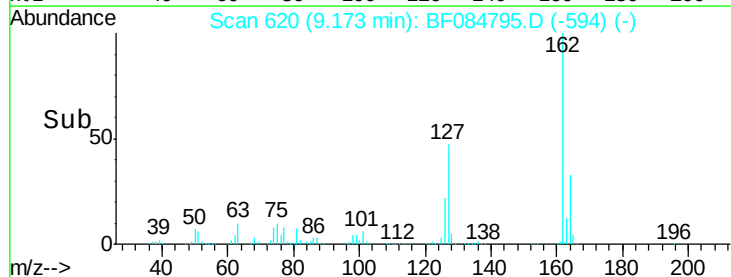
164 33.0 25.7 38.5

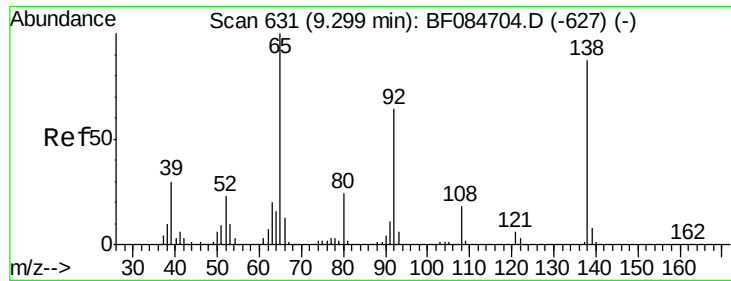


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.54 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

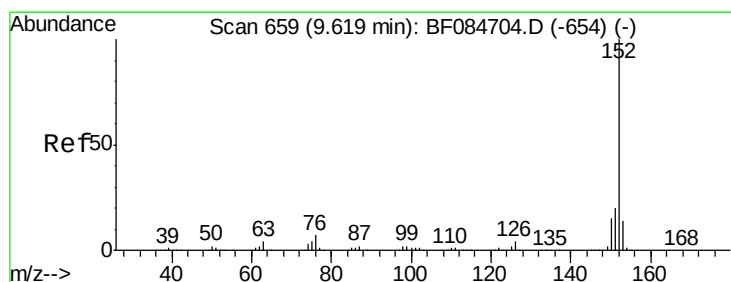
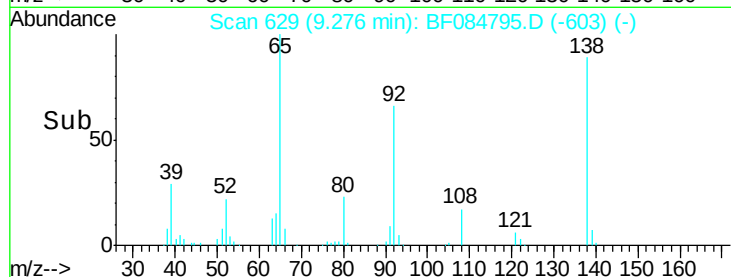
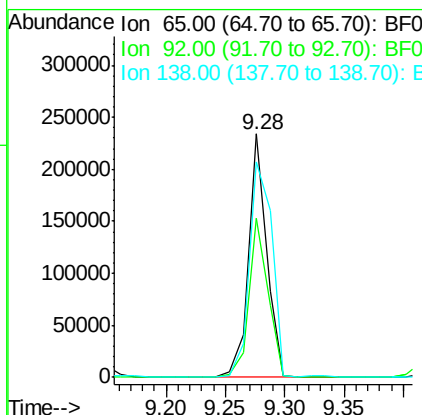
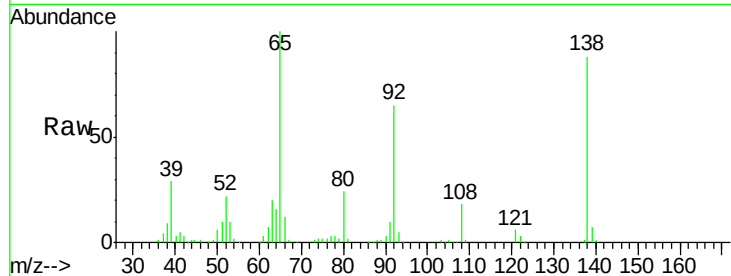
ClientSampleId :

PB88152BS

Tot Ion:	65	Resp:	250913
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.4	80.2
138	88.4	71.1	106.7

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#48

Acenaphthylene

Concen: 37.74 ng

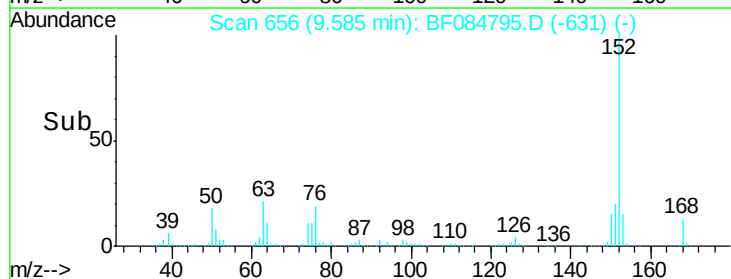
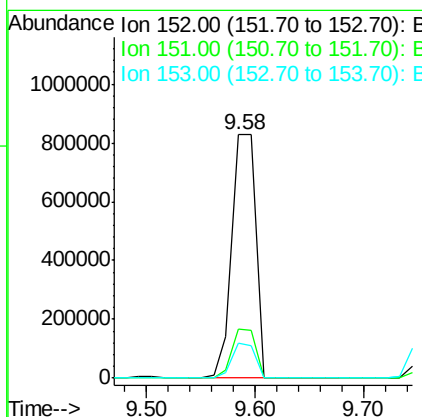
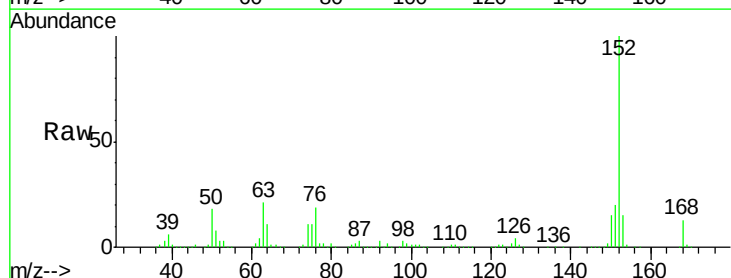
RT: 9.58 min Scan# 656

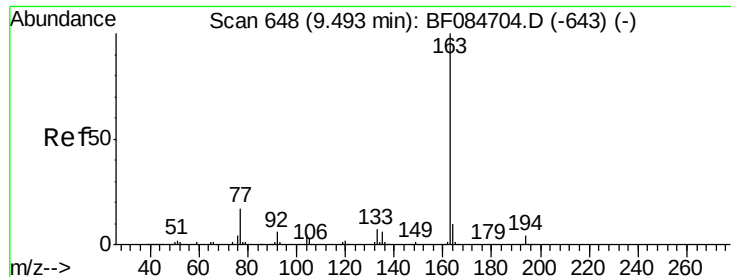
Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	152	Resp:	1241819
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	14.6	10.4	15.6





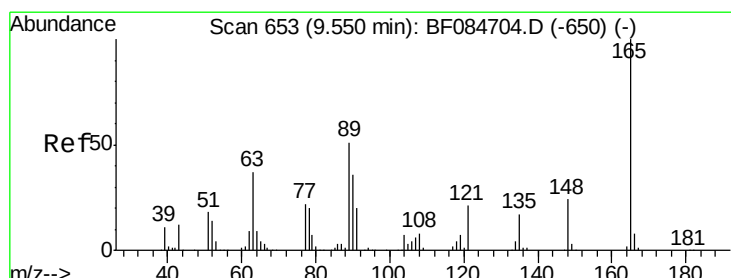
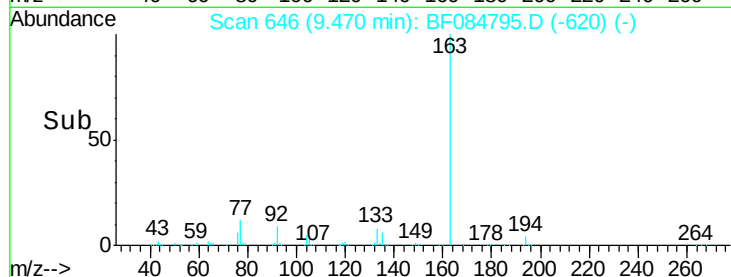
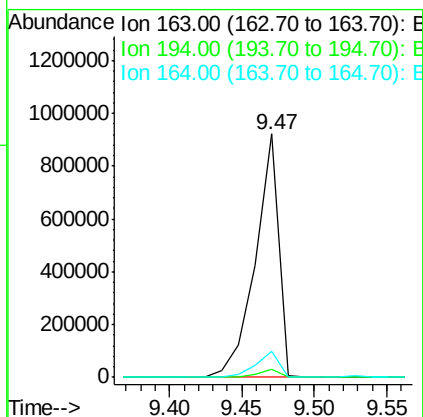
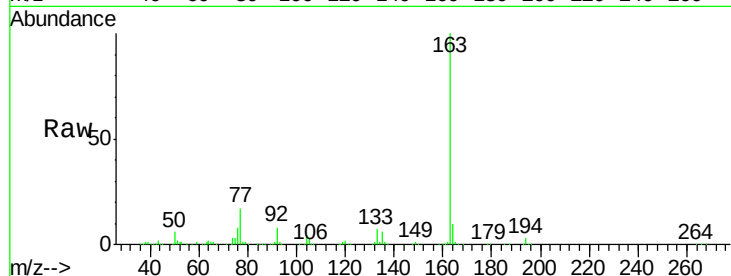
#49
Dimethylphthalate
Concen: 40.91 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	10.5	8.0	12.0

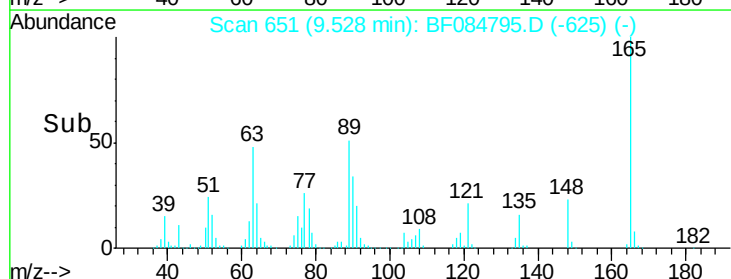
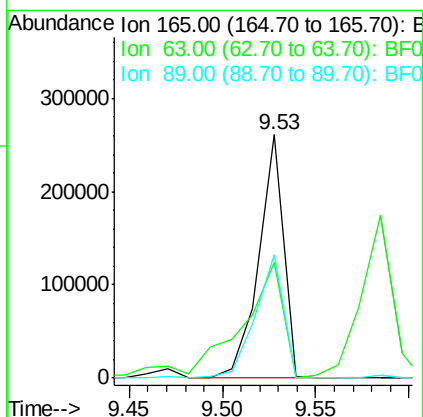
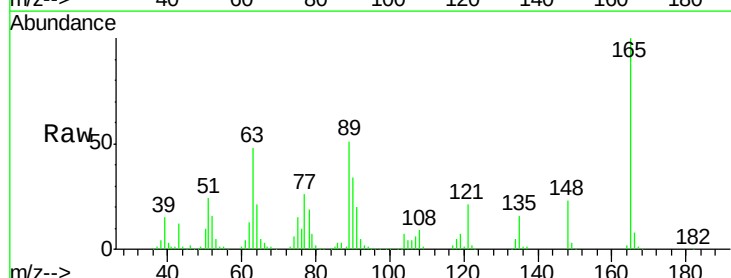
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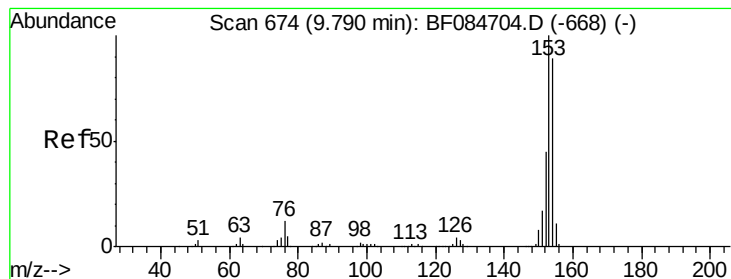
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#50
2,6-Dinitrotoluene
Concen: 43.71 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.7	28.8	43.2#
89	50.6	35.1	52.7





#51

Acenaphthene

Concen: 36.56 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

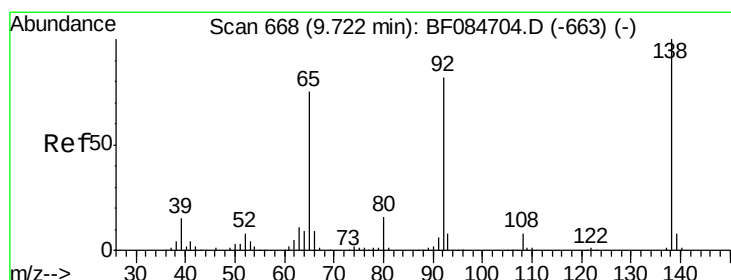
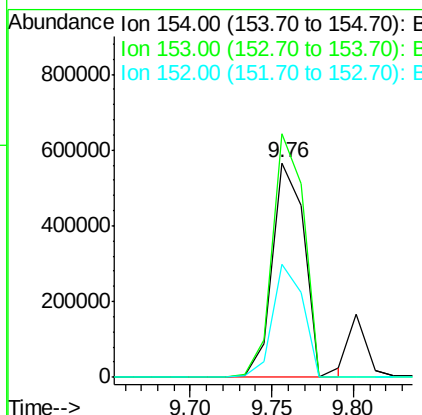
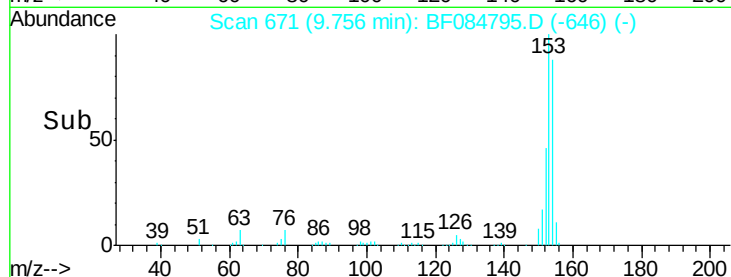
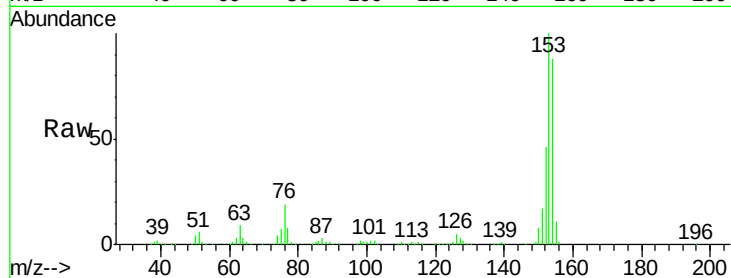
ClientSampleId :

PB88152BS

Tot Ion:	154	Resp:	782749
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.5	137.3
152	52.6	43.0	64.6

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#52

3-Nitroaniline

Concen: 17.50 ng

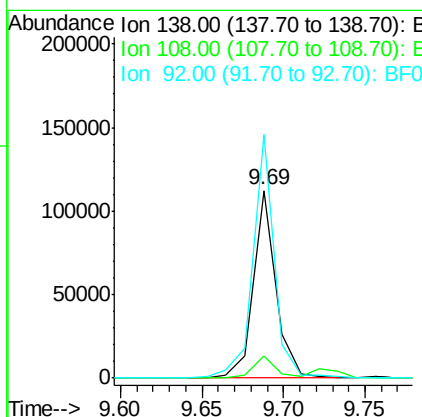
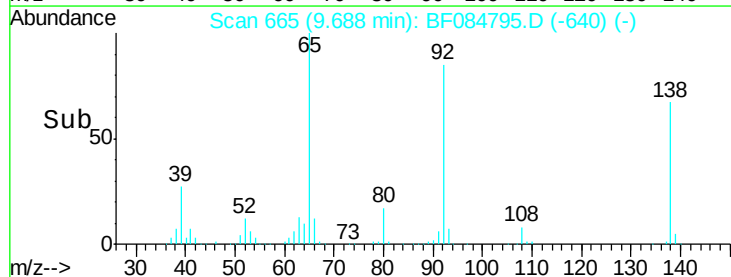
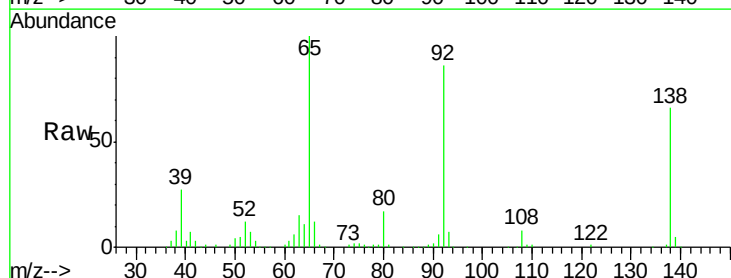
RT: 9.69 min Scan# 665

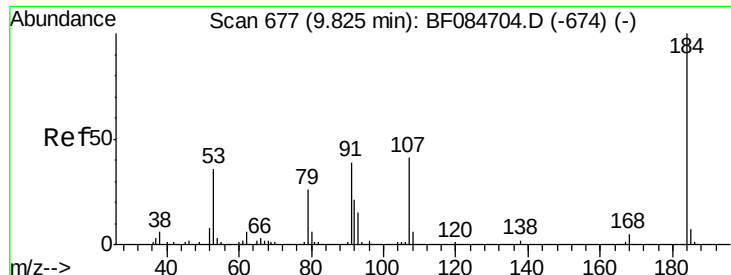
Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	138	Resp:	107882
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	129.8	103.9	155.9





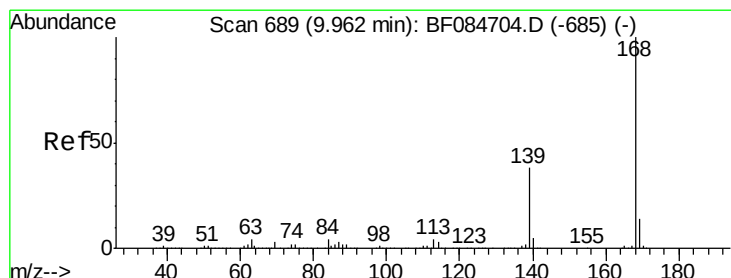
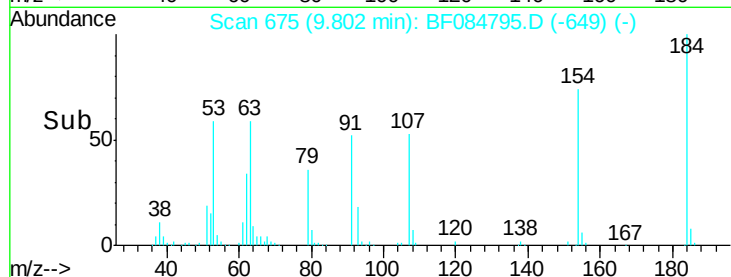
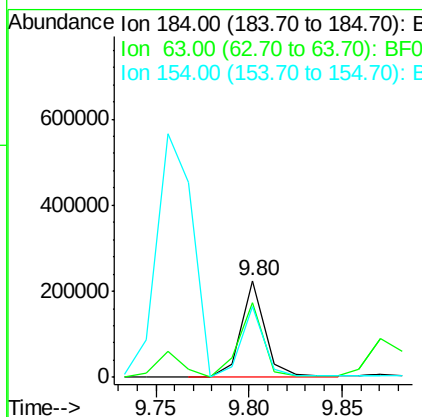
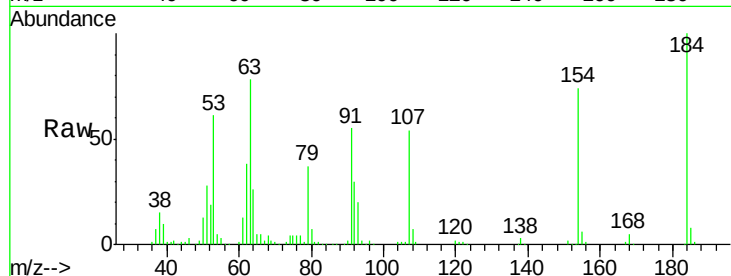
#53
2,4-Dinitrophenol
Concen: 81.12 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205590		
63	77.6	43.1	64.7#	
154	73.6	60.5	90.7	

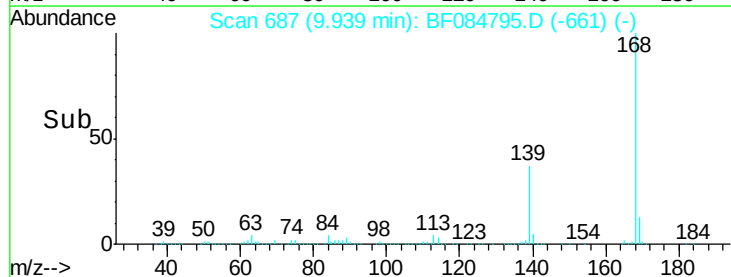
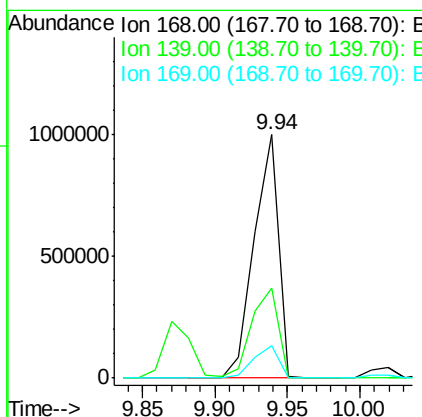
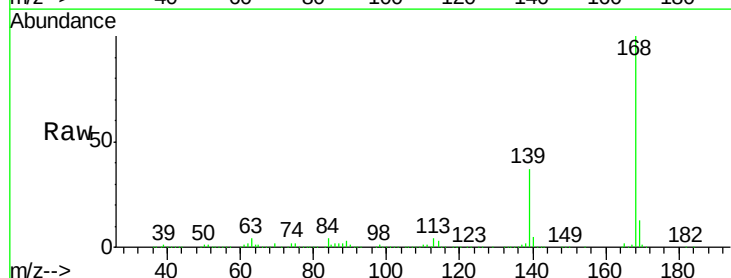
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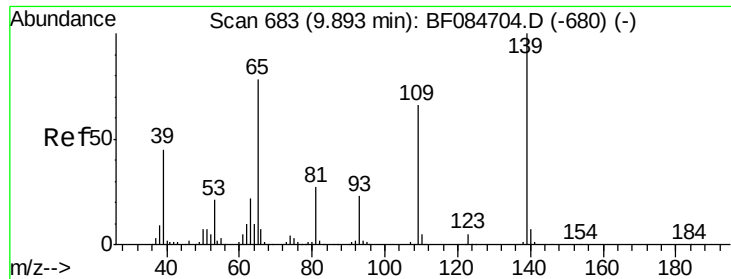
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#54
Dibenzofuran
Concen: 44.45 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1163183		
139	36.9	30.5	45.7	
169	13.1	10.4	15.6	





#55

4-Nitrophenol

Concen: 68.35 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

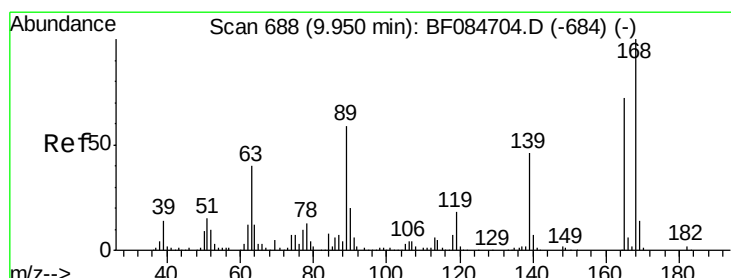
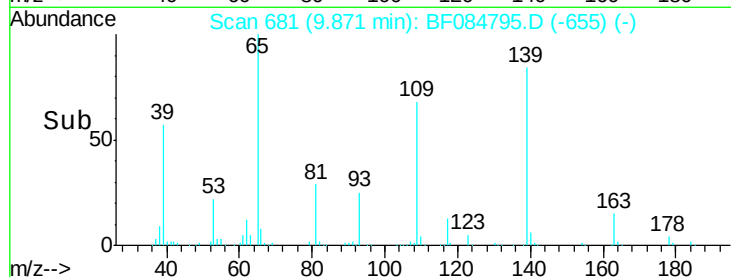
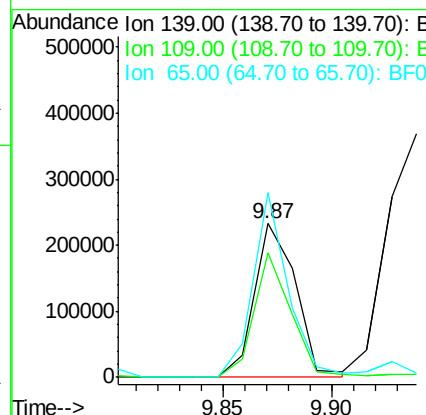
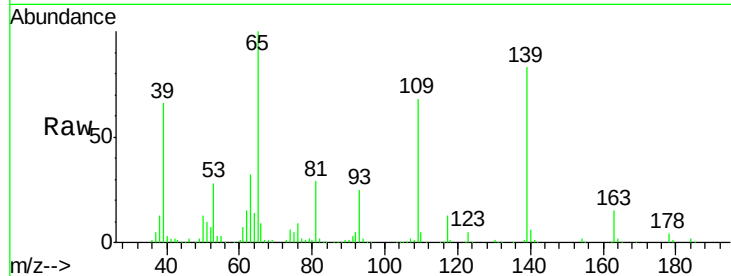
ClientSampled :

PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	309627		
109	81.3	58.5	98.5	
65	119.9	57.6	97.6	

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#56

2,4-Dinitrotoluene

Concen: 37.50 ng

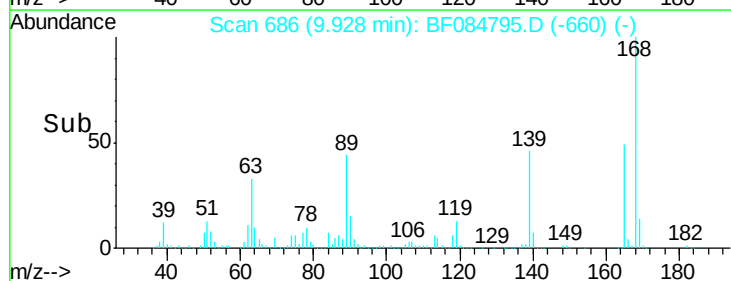
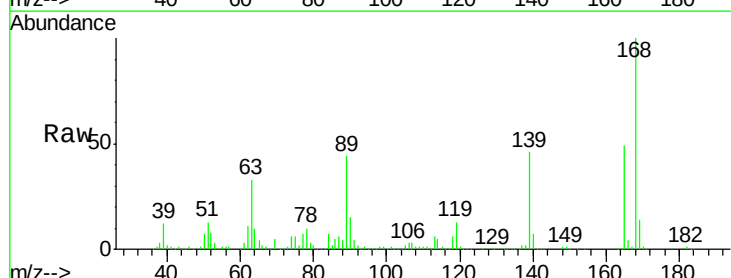
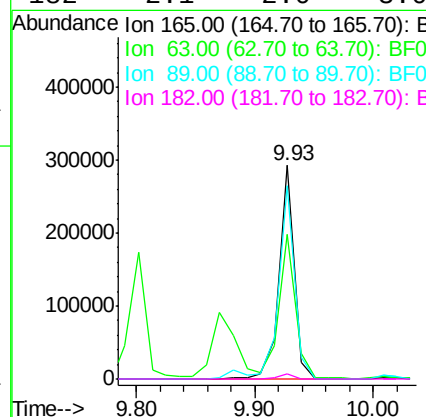
RT: 9.93 min Scan# 686

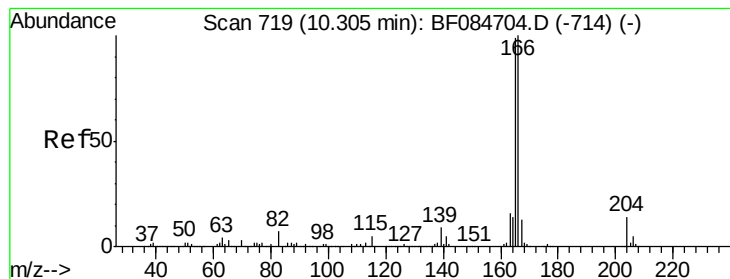
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262392		
63	67.5	36.7	55.1	
89	90.4	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 38.70 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

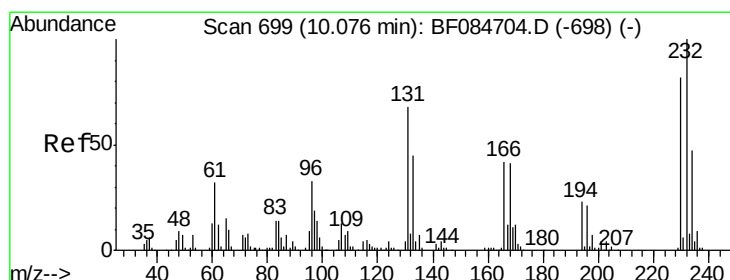
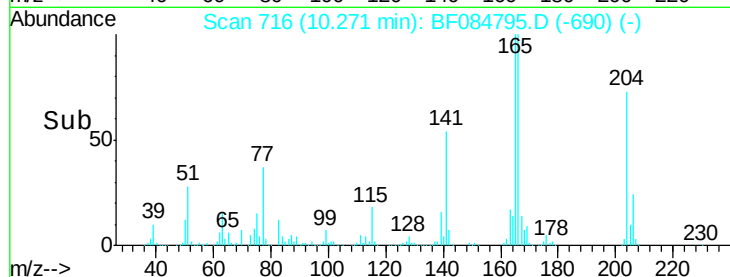
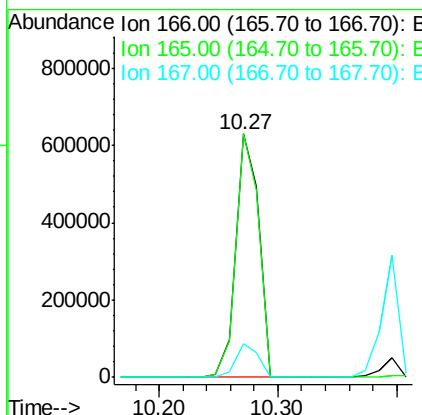
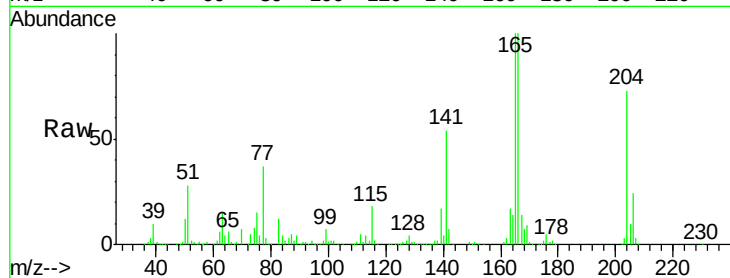
ClientSampleId :

PB88152BS

Tot Ion:	166	Resp:	845706
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.1	118.7
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.79 ng

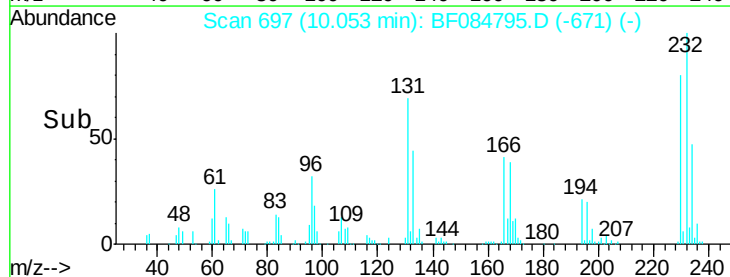
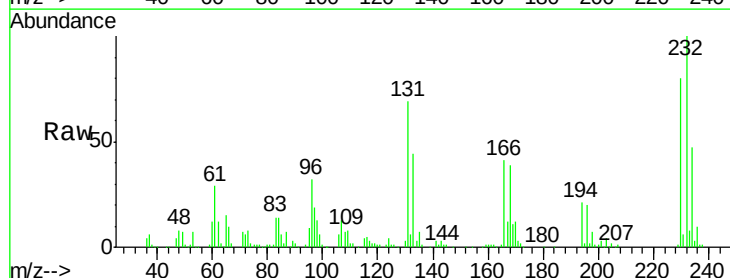
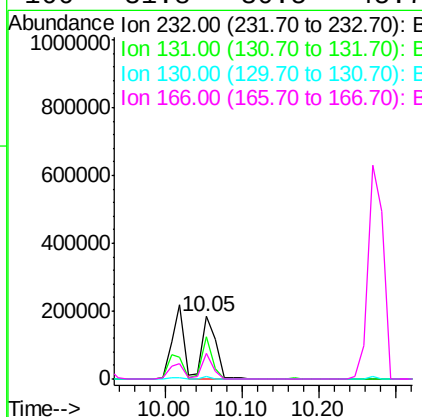
RT: 10.05 min Scan# 697

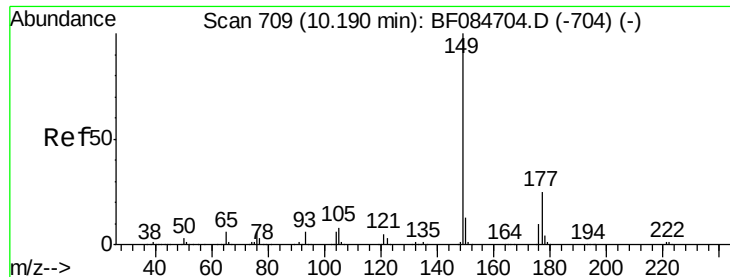
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	232	Resp:	228466
Ion Ratio	Lower	Upper	
232	100		
131	51.5	47.0	70.6
130	2.4	2.0	3.0
166	31.8	30.5	45.7





#59

Diethylphthalate

Concen: 41.40 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion:149 Resp: 1015004

Ion Ratio Lower Upper

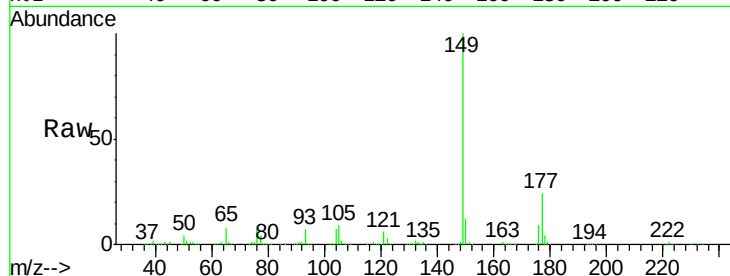
149 100

177 23.6 17.3 25.9

150 12.4 9.8 14.8

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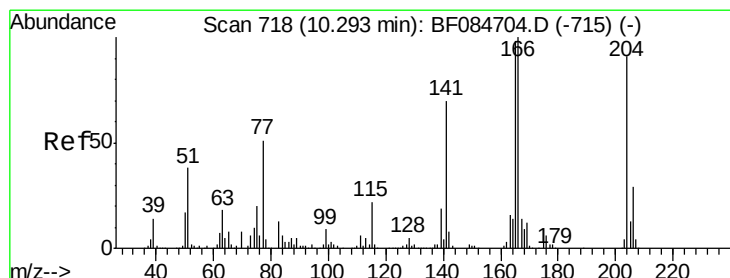
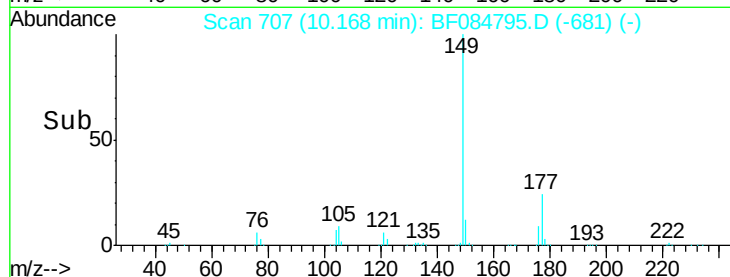
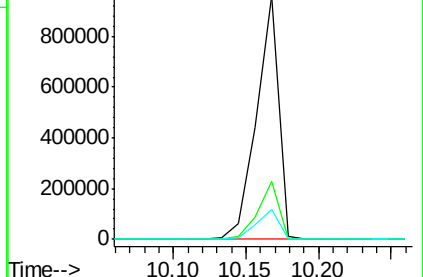
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.39 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

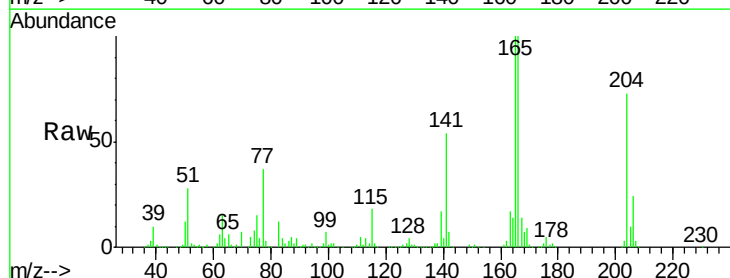
Tgt Ion:204 Resp: 393054

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

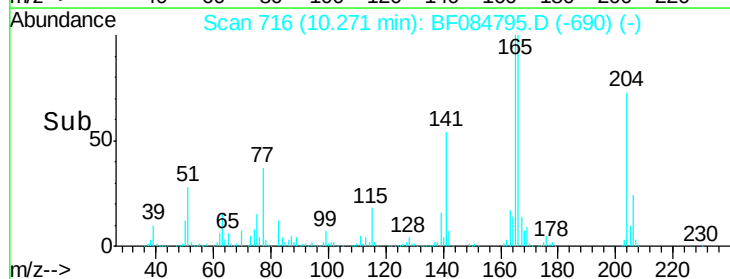
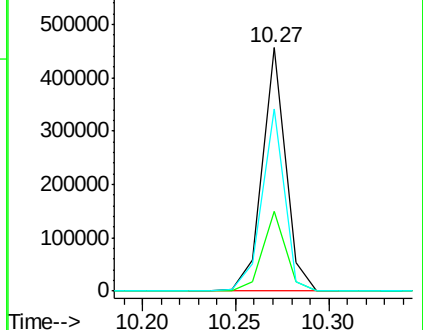
141 74.9 55.1 82.7

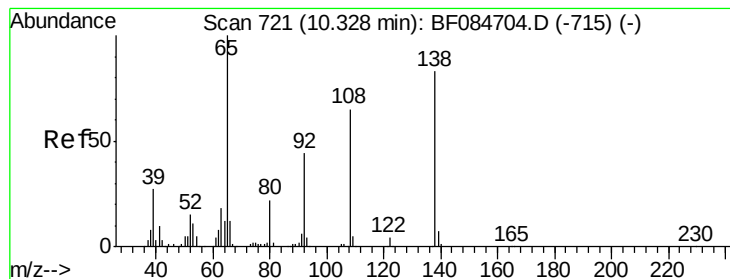


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.33 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

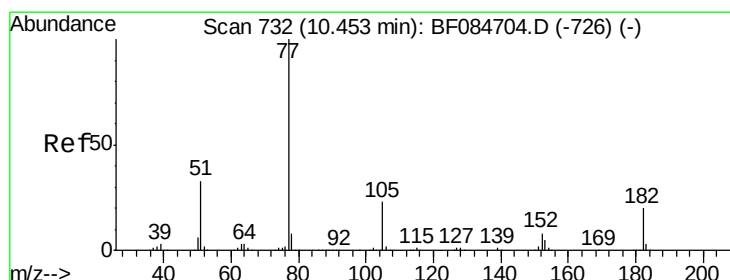
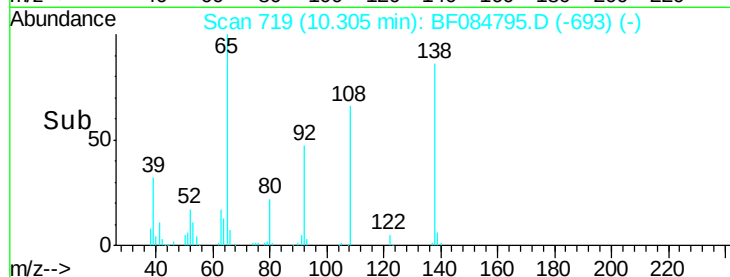
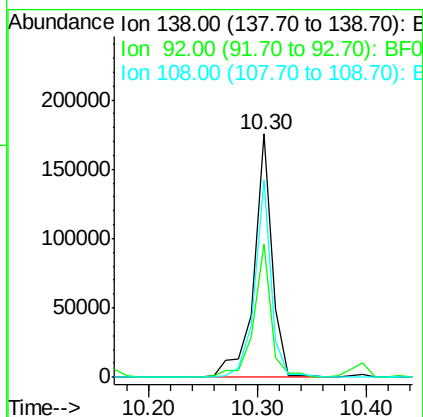
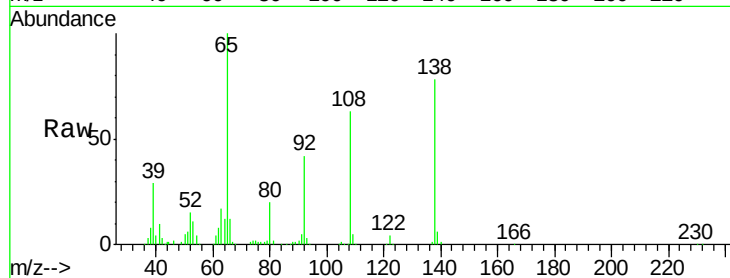
ClientSampleId :

PB88152BS

Tot Ion:	138	Resp:	206210
Ion Ratio	Lower	Upper	
138	100		
92	54.6	32.6	72.6
108	81.2	68.6	108.6

Manual Integrations
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#62

Azobenzene

Concen: 44.67 ng

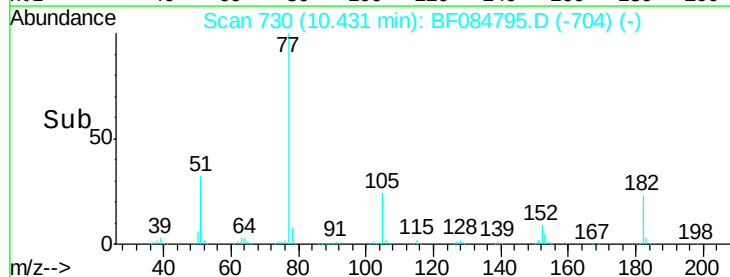
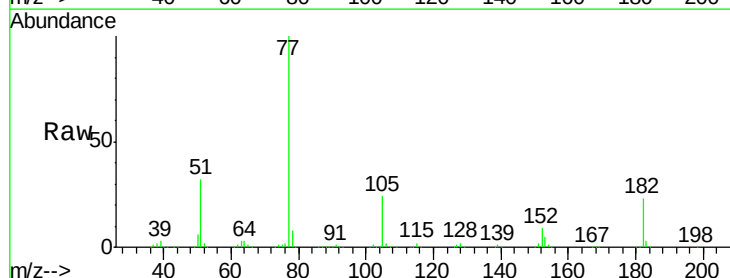
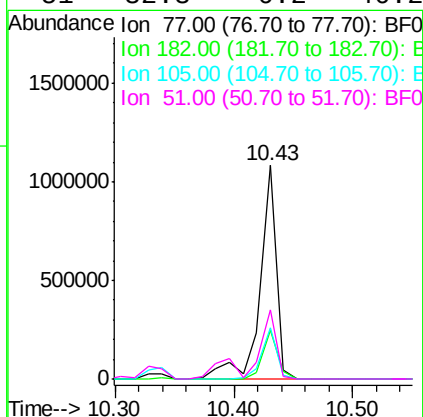
RT: 10.43 min Scan# 730

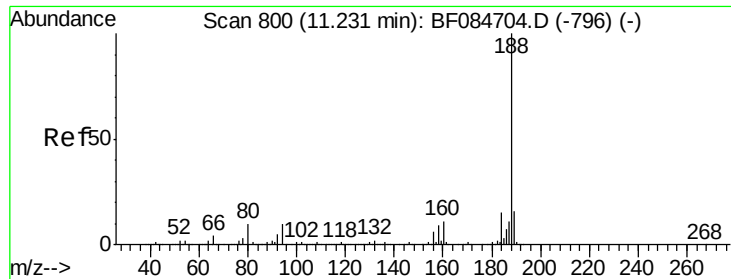
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	77	Resp:	1053159
Ion Ratio	Lower	Upper	
77	100		
182	22.9	8.3	48.3
105	24.1	4.6	44.6
51	32.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

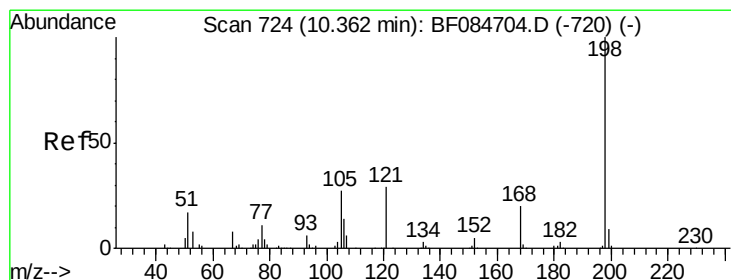
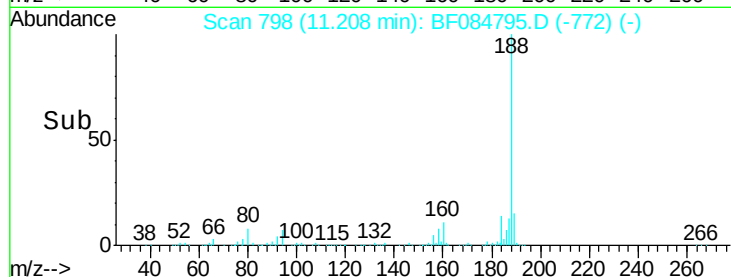
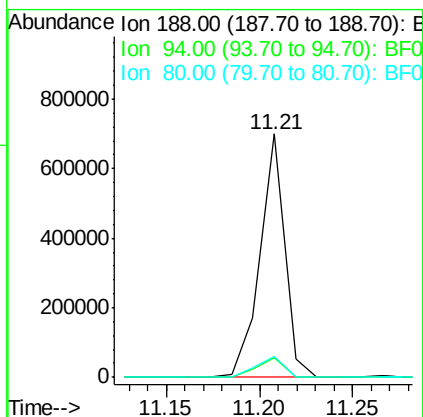
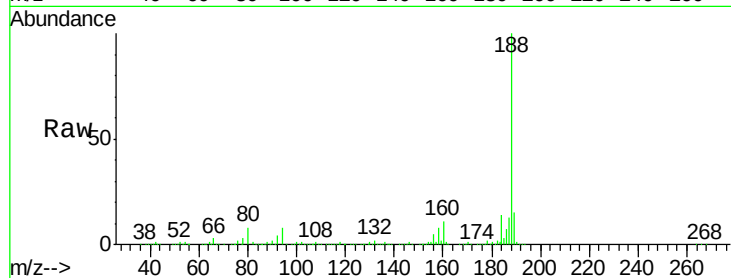
ClientSampleId :

PB88152BS

Tot Ion:188	Resp: 641047
Ion Ratio	Lower Upper
188 100	
94 7.9	9.0 13.4#
80 8.4	9.6 14.4#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.30 ng

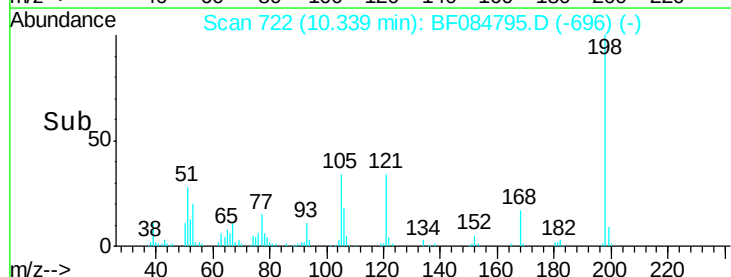
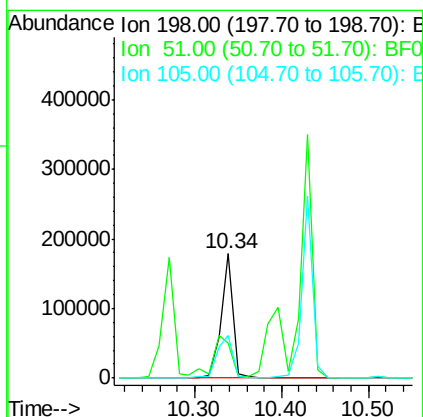
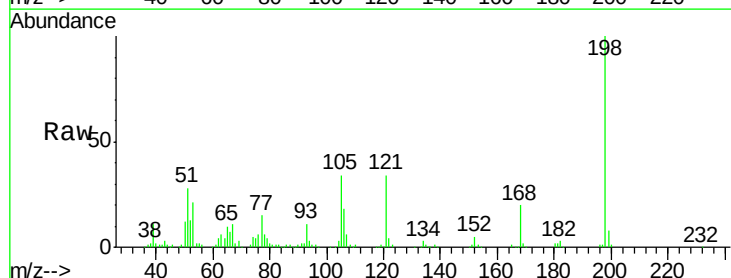
RT: 10.34 min Scan# 722

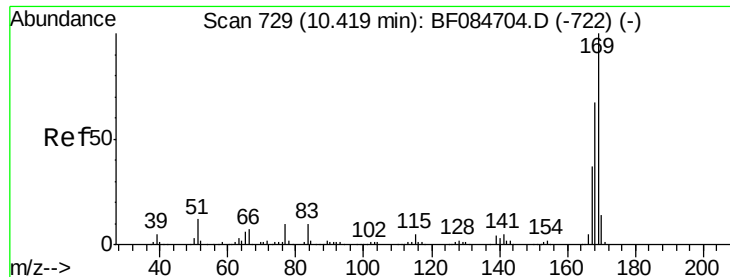
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:198	Resp: 175256
Ion Ratio	Lower Upper
198 100	
51 27.7	18.9 58.9
105 34.1	26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 41.25 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion:169 Resp: 839678

Ion Ratio Lower Upper

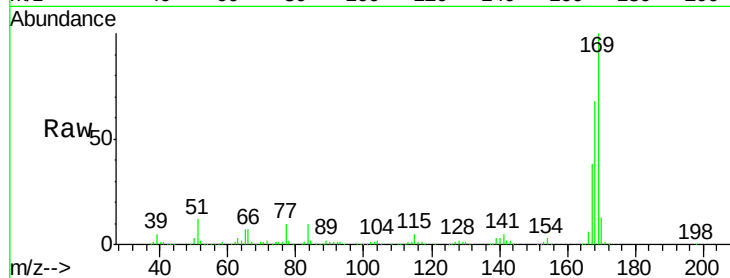
169 100

168 68.2 55.1 82.7

167 37.8 30.0 45.0

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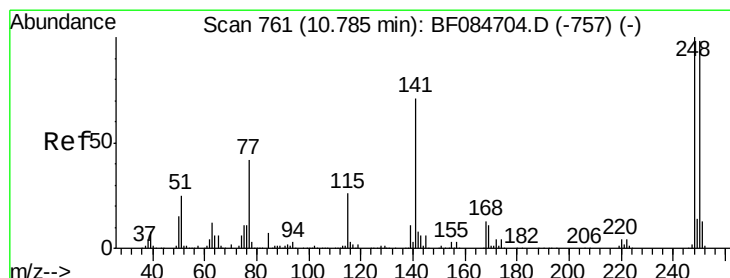
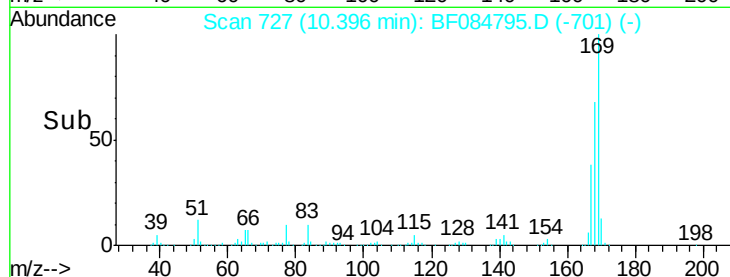
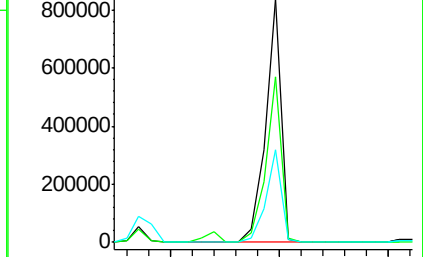
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.38 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

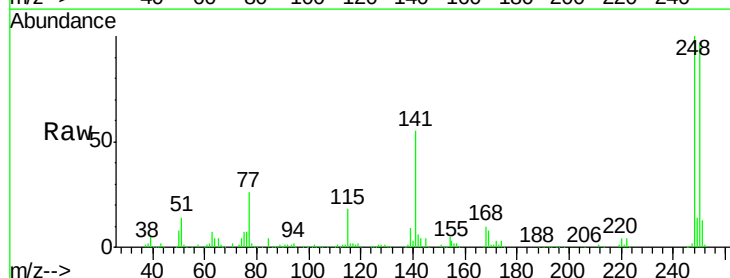
Tgt Ion:248 Resp: 285938

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

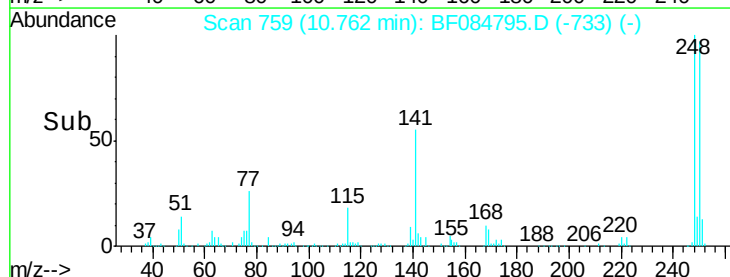
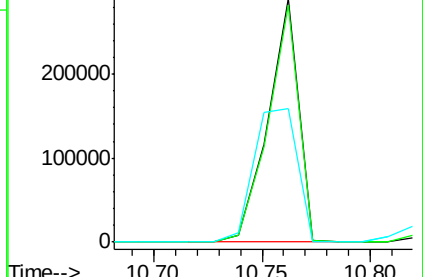
141 54.6 44.0 66.0

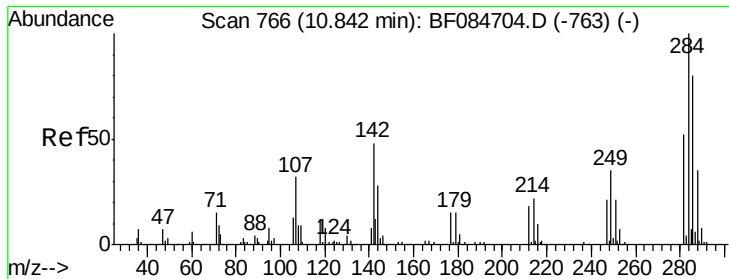


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.45 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

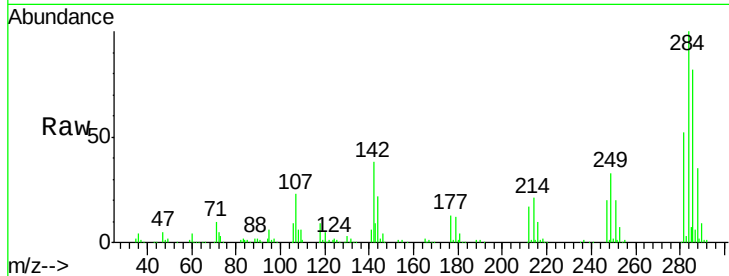
ClientSampleId :

PB88152BS

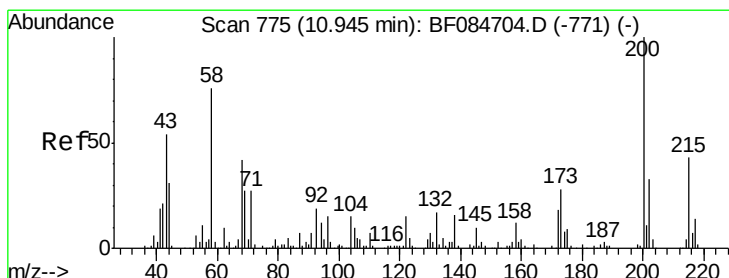
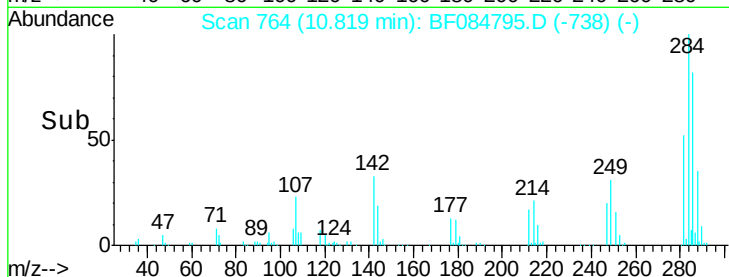
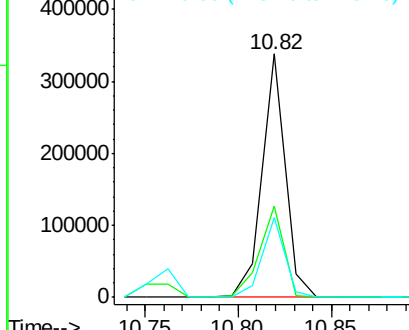
Tot Ion:	284	Resp:	288915
Ion Ratio	Lower	Upper	
284	100		
142	37.6	22.2	33.4#
249	33.0	24.6	37.0

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



#68

Atrazine

Concen: 39.27 ng

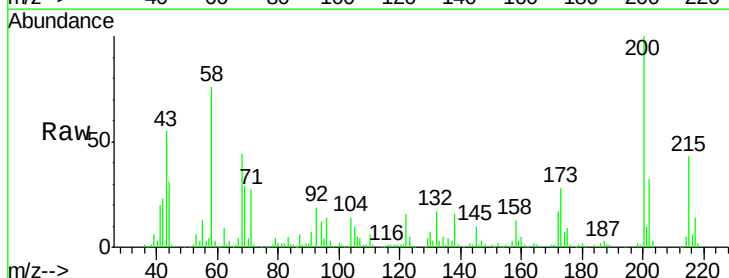
RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

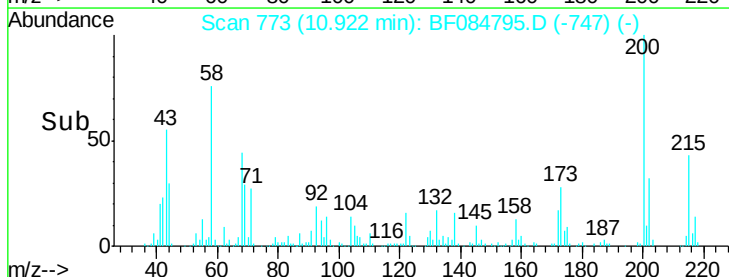
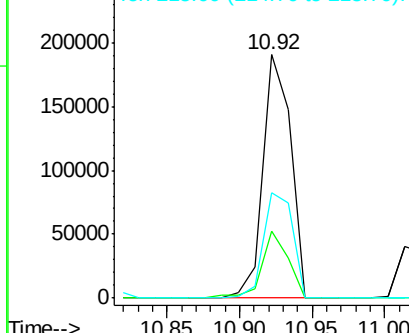
Lab File: BF084795.D

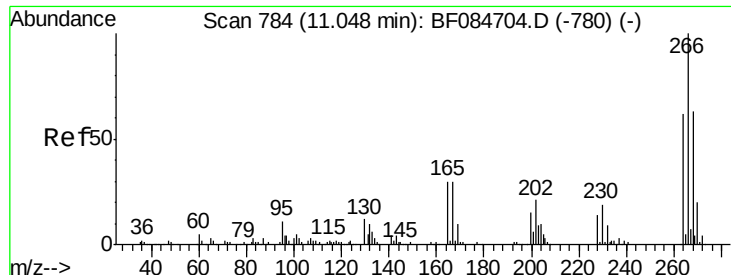
Acq: 3 Feb 2016 20:10

Tgt Ion:	200	Resp:	252457
Ion Ratio	Lower	Upper	
200	100		
173	27.6	9.5	49.5
215	43.4	23.8	63.8



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





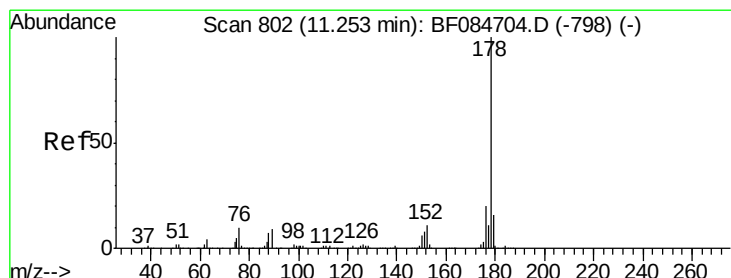
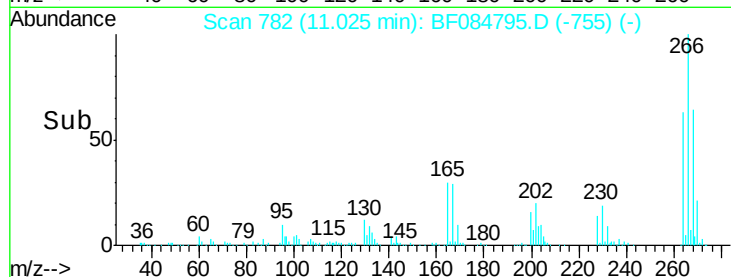
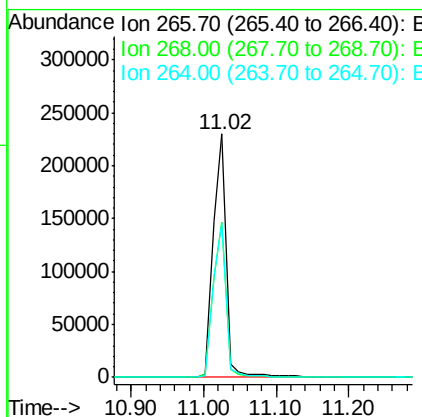
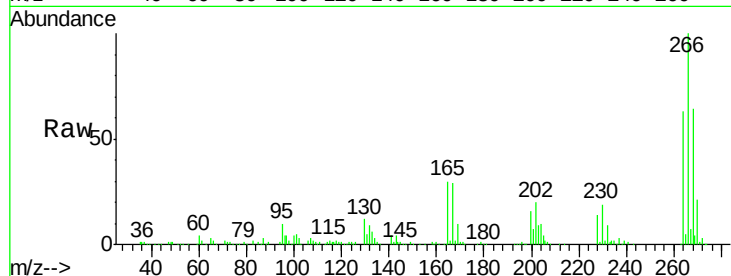
#69
 Pentachlorophenol
 Concen: 78.95 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.4	78.6
264	63.0	50.2	75.2

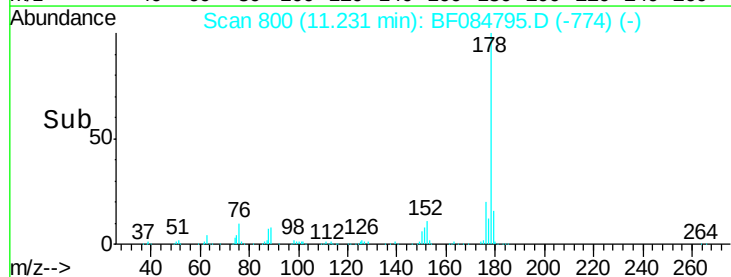
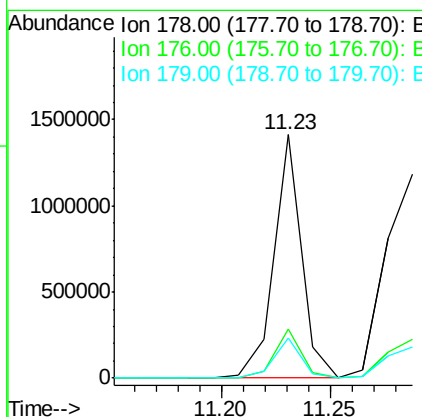
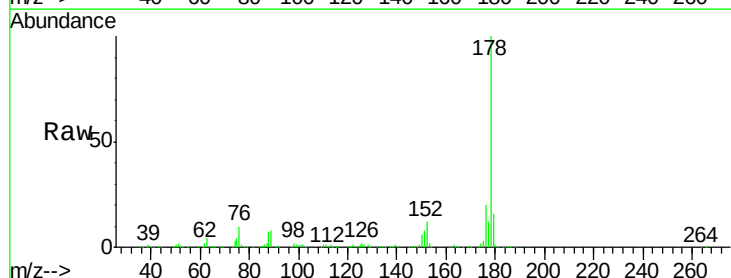
Manual Integrations
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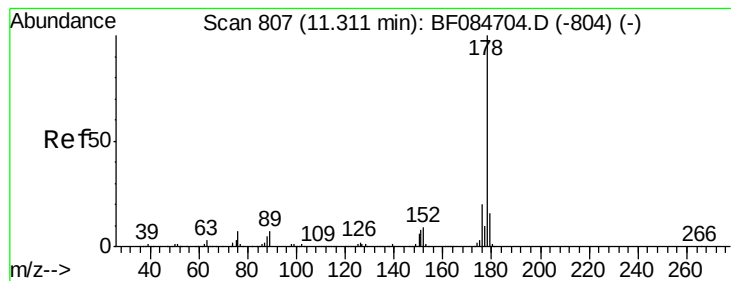
mohammad
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#70
 Phenanthrene
 Concen: 35.44 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.2	12.0	18.0





#71

Anthracene

Concen: 39.54 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion:178 Resp: 1416536

Ion Ratio Lower Upper

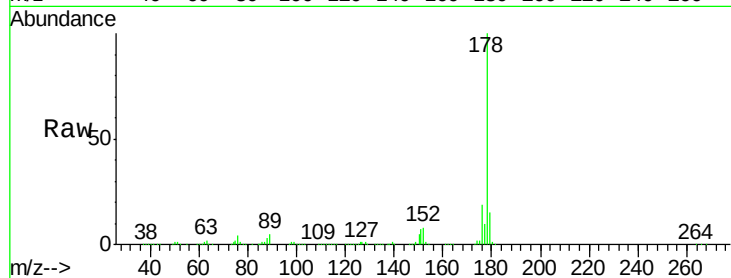
178 100

176 19.3 15.4 23.0

179 15.2 12.5 18.7

Manual Integrations
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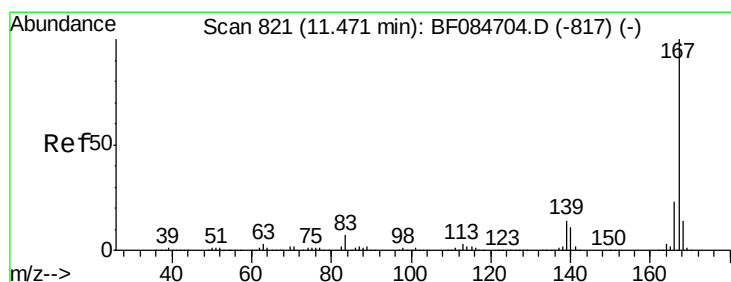
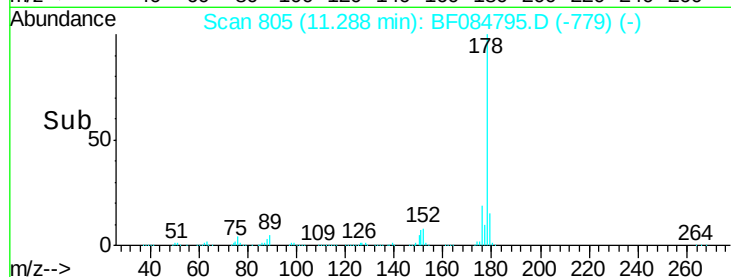
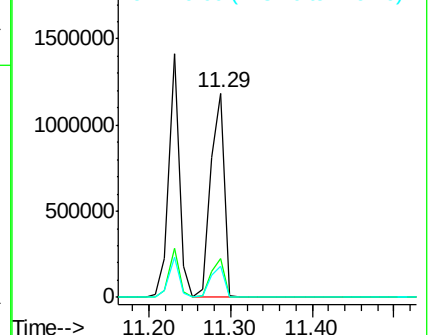
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.68 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

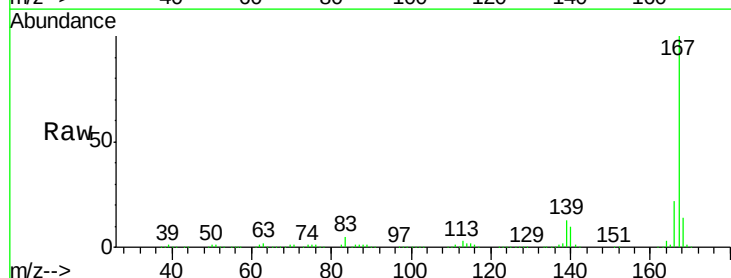
Tgt Ion:167 Resp: 1302221

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

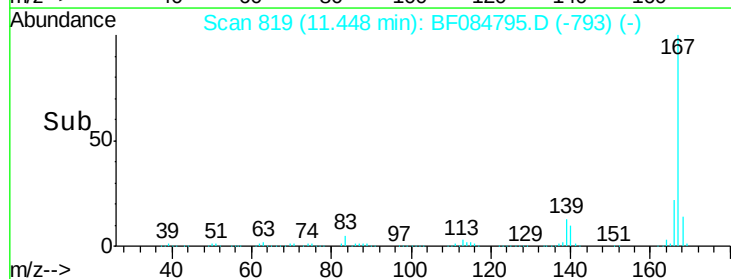
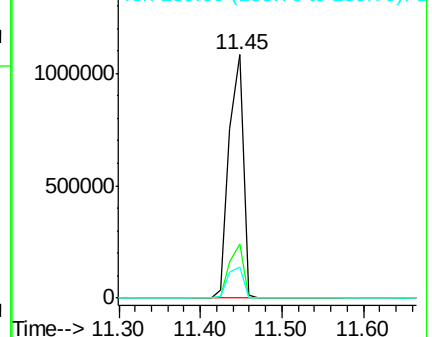
139 13.0 11.8 17.8

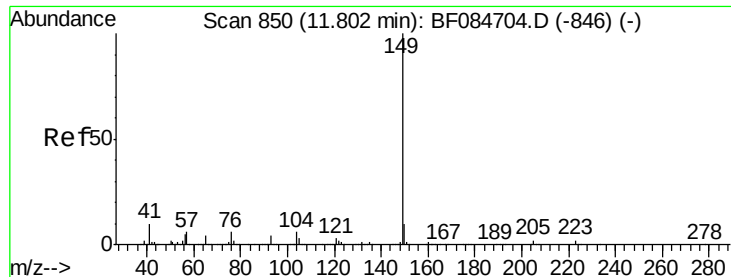


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





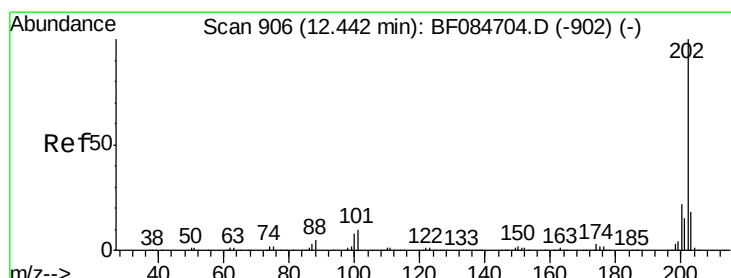
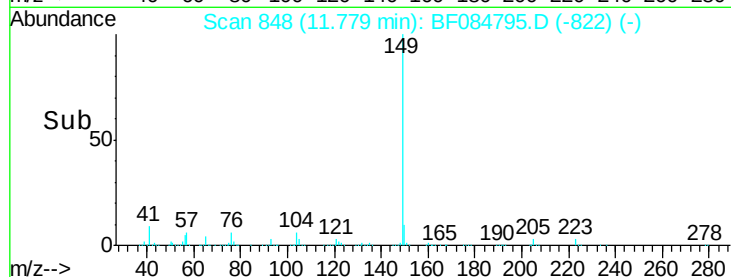
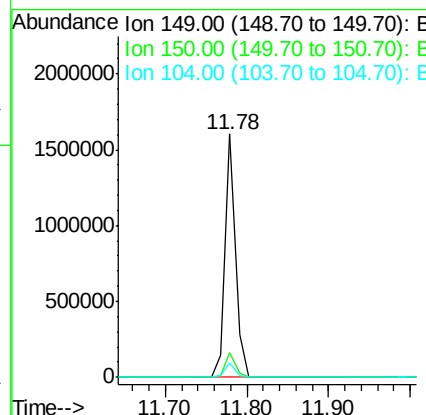
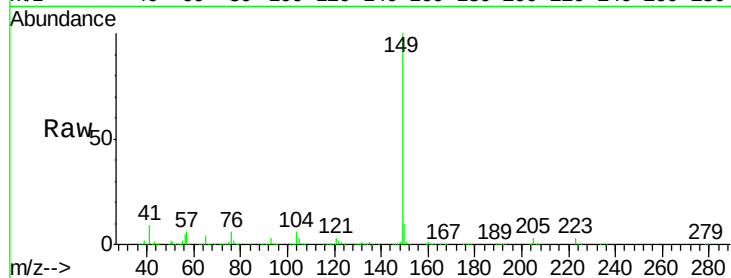
#73
Di-n-butylphthalate
Concen: 35.27 ng
RT: 11.78 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion:149 Resp: 1402637
Ion Ratio Lower Upper
149 100
150 9.9 7.1 10.7
104 5.8 3.2 4.8#

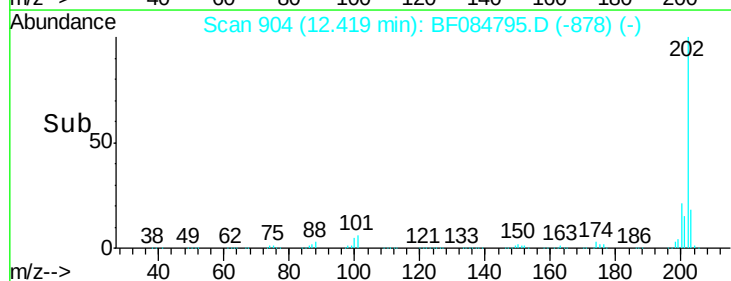
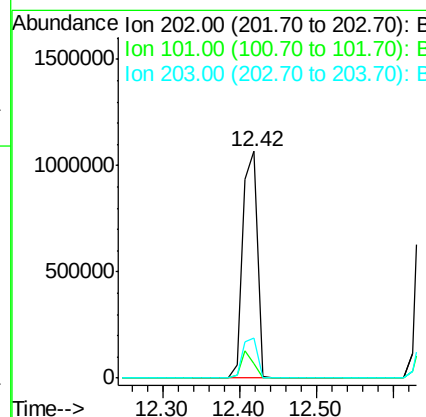
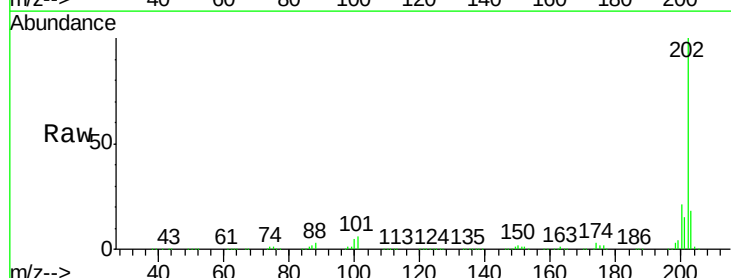
Manual Integrations
APPROVED

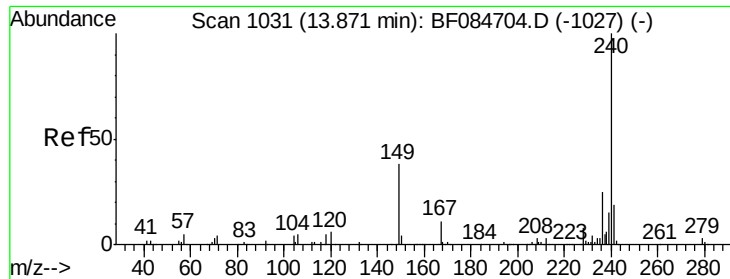
mohammad
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#74
Fluoranthene
Concen: 39.80 ng
RT: 12.42 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:202 Resp: 1432326
Ion Ratio Lower Upper
202 100
101 6.3 0.0 32.8
203 17.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

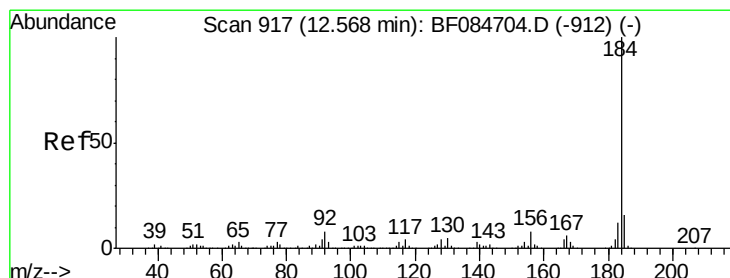
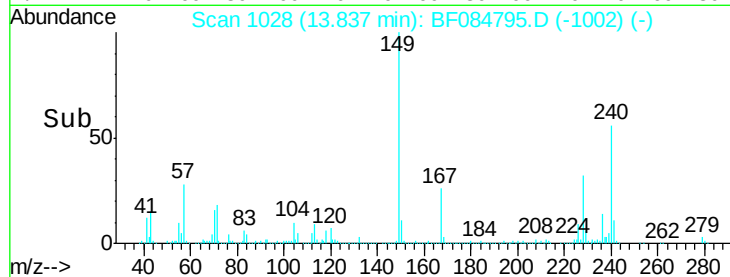
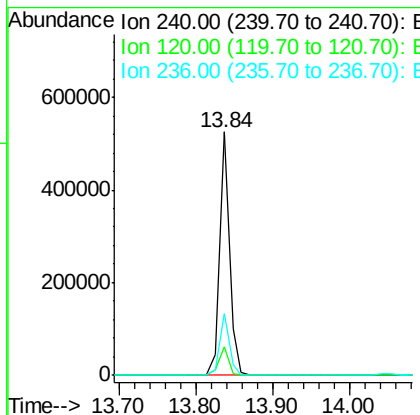
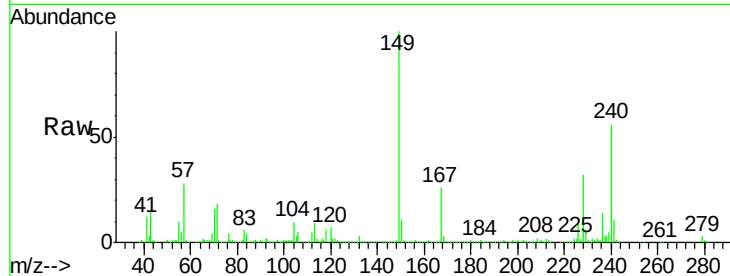
ClientSampleId :

PB88152BS

Tot Ion:	240	Resp:	468600
Ion Ratio		Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.5	20.6	31.0

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#76

Benzidine

Concen: 28.50 ng

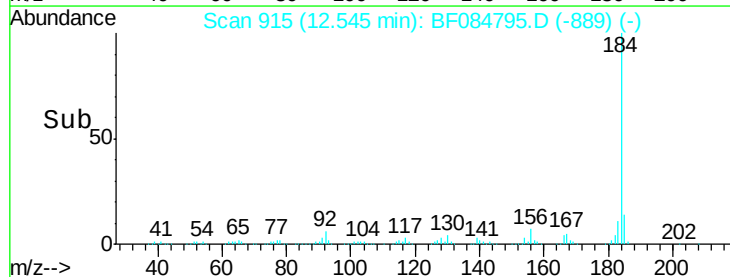
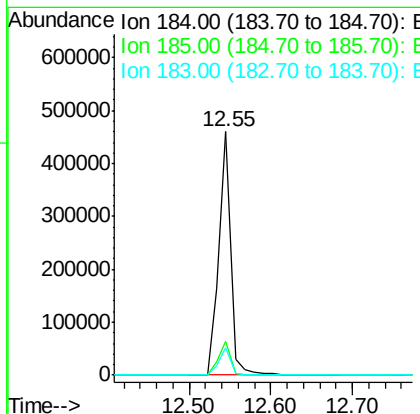
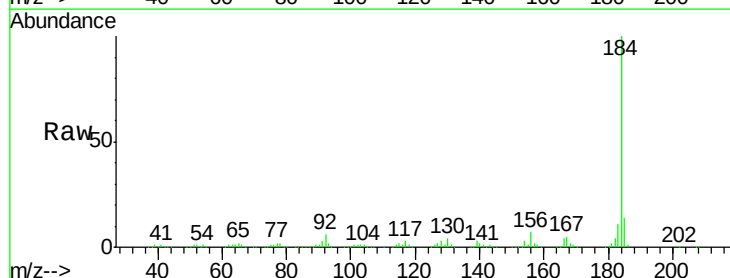
RT: 12.55 min Scan# 915

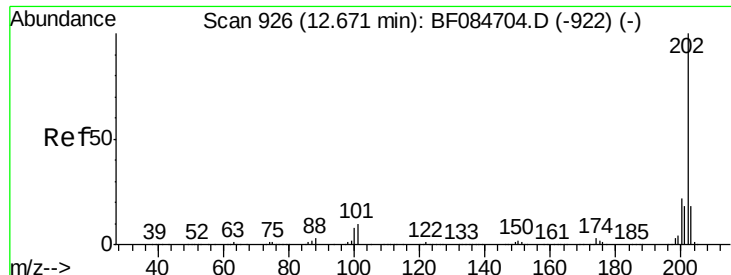
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	184	Resp:	468864
Ion Ratio		Lower	Upper
184	100		
185	14.0	12.2	18.2
183	11.3	9.8	14.8





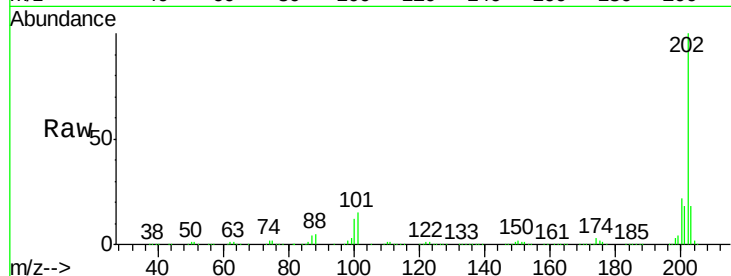
#77
Pvrene
Concen: 37.83 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.2	14.3	21.5

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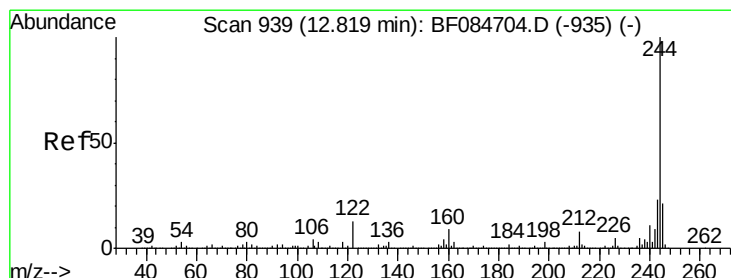
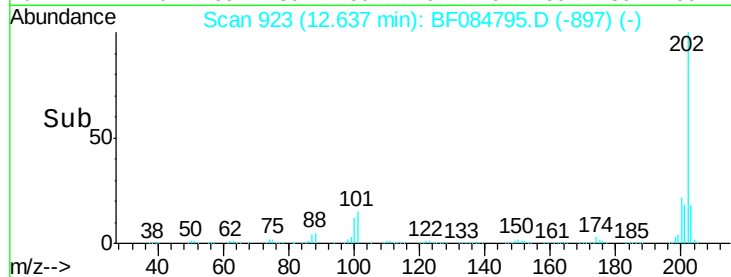
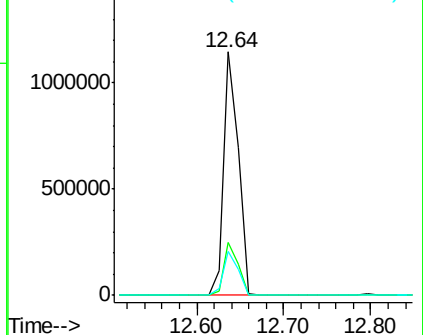


Abundance

Ion 202.00 (201.70 to 202.70): E

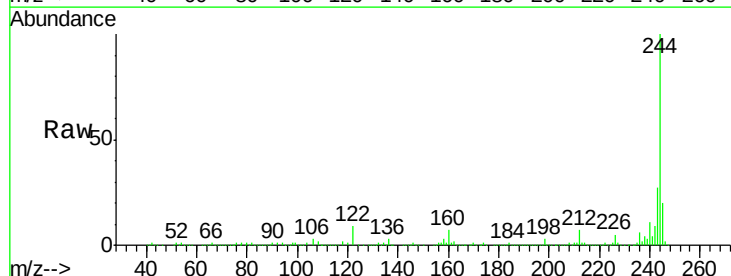
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 83.82 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.5	7.4	11.0

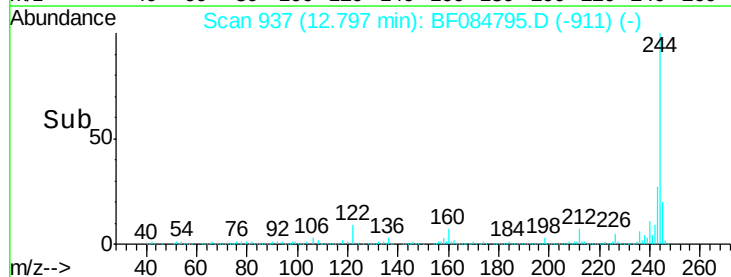
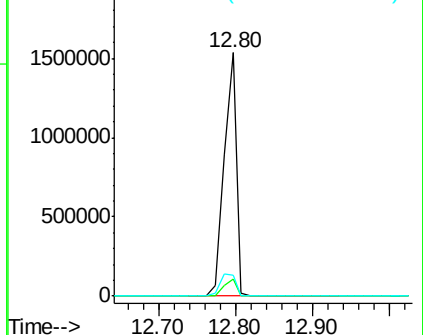


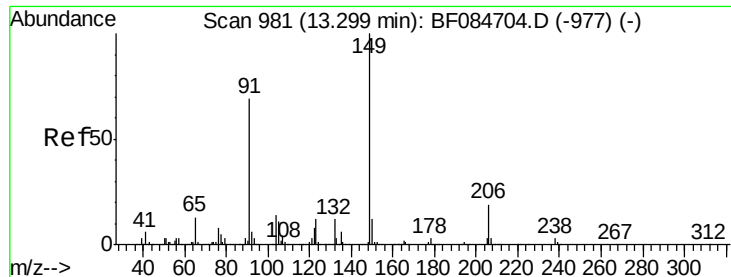
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





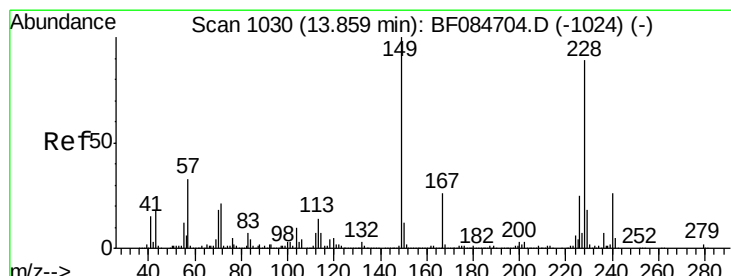
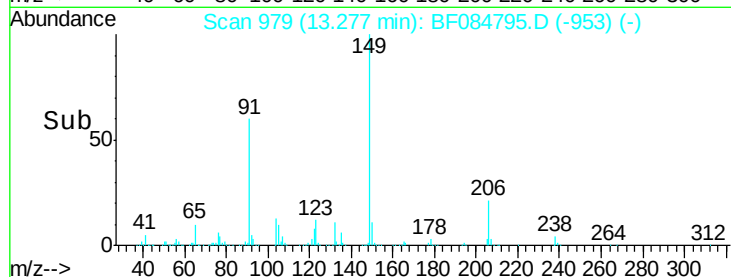
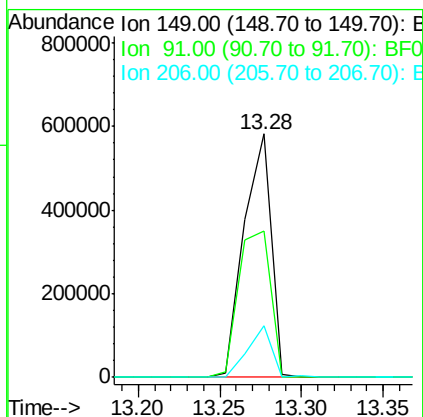
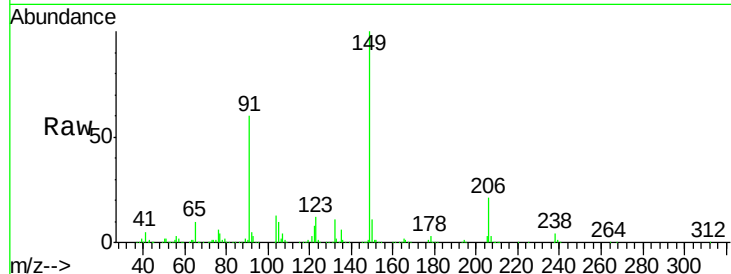
#79
Butylbenzylphthalate
Concen: 41.11 ng
RT: 13.28 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	669168		
91	59.8	57.6	86.4	
206	21.4	13.2	19.8	

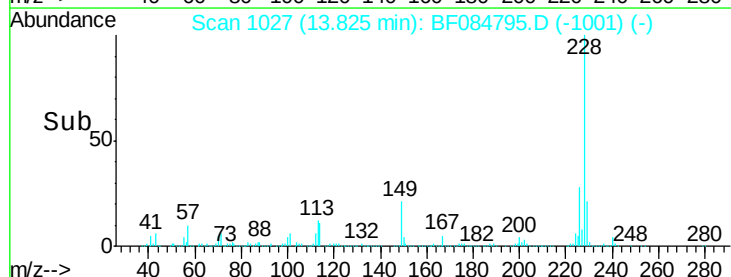
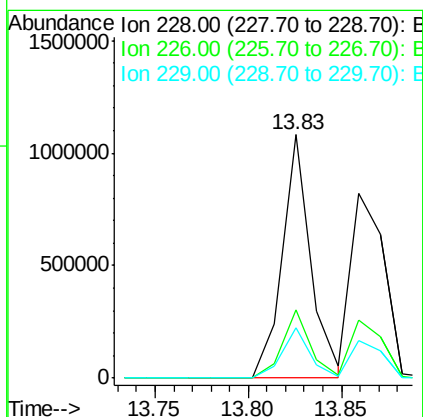
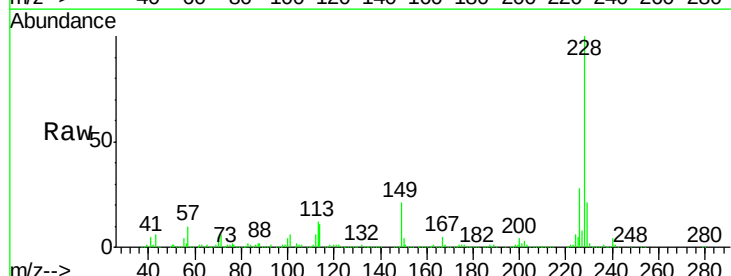
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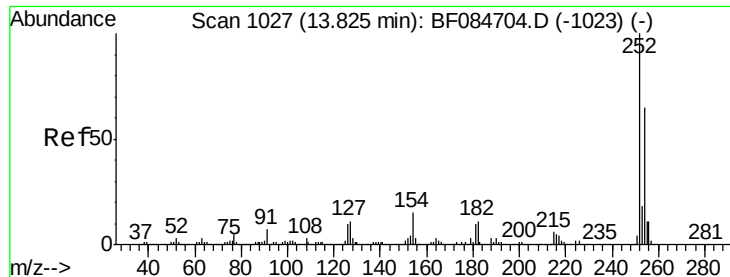
mohammad
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#80
Benzo(a)anthracene
Concen: 39.60 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1151737		
226	28.1	21.8	32.6	
229	20.7	15.8	23.8	





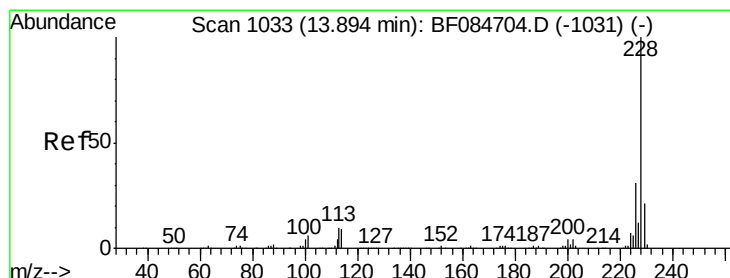
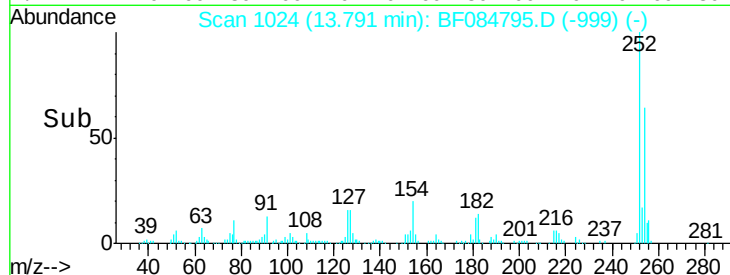
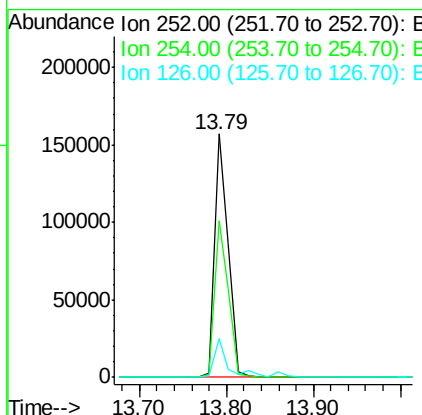
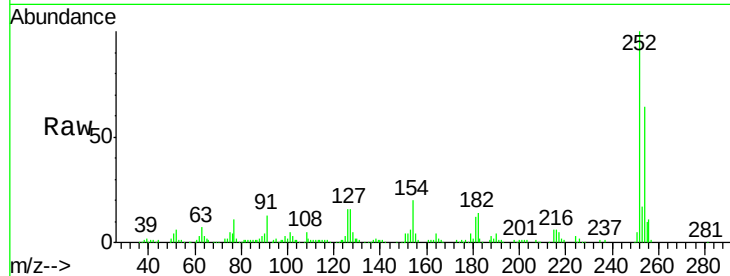
#81
 3,3'-Dichlorobenzidine
 Concen: 16.93 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	174344		
254	64.1	53.5	80.3	
126	15.7	4.9	7.3	

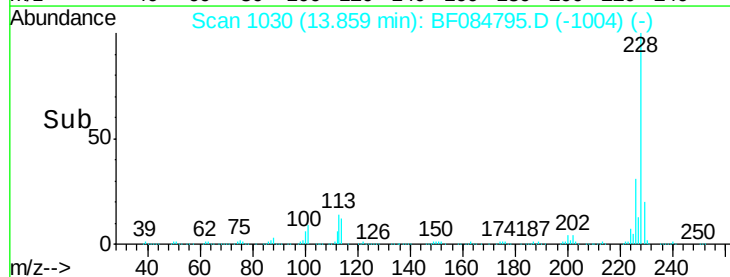
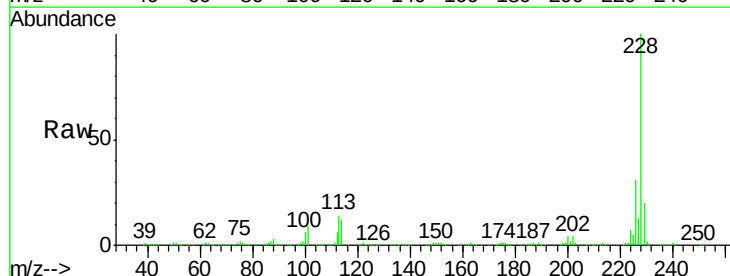
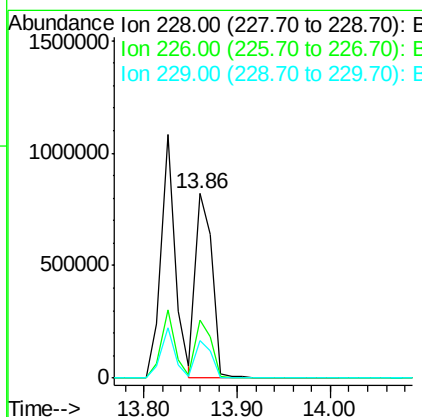
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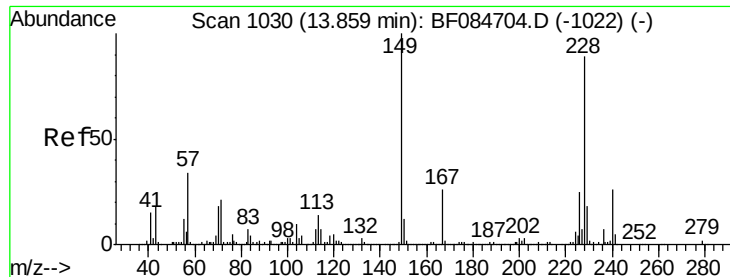
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#82
 Chrysene
 Concen: 36.38 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1026065		
226	31.2	24.3	36.5	
229	20.5	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tot Ion:149 Resp: 846688

Ion Ratio Lower Upper

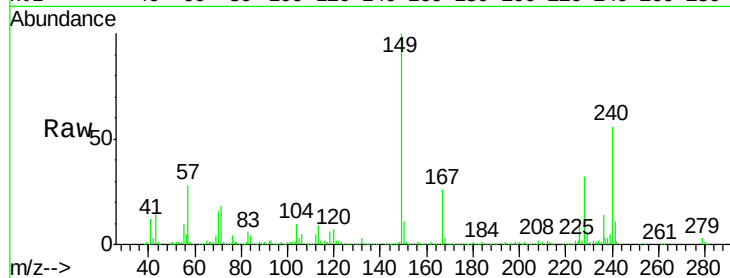
149 100

167 26.1 19.7 29.5

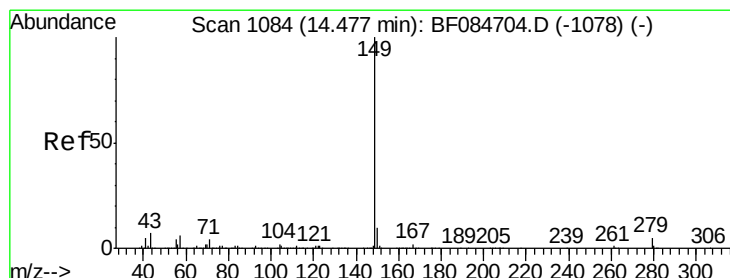
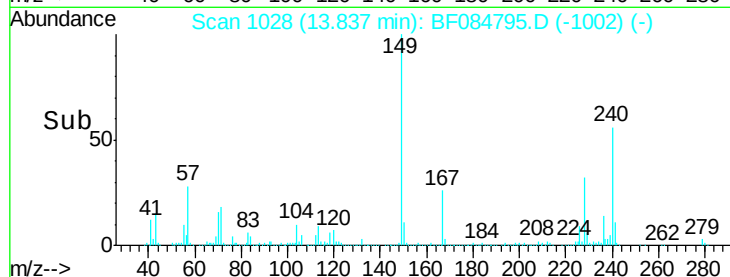
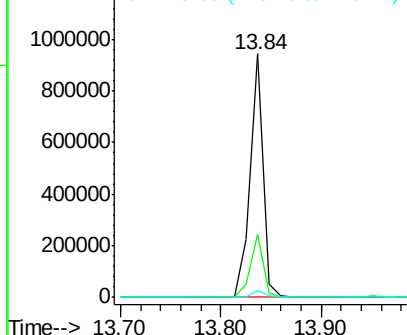
279 3.0 1.8 2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.94 ng

RT: 14.44 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

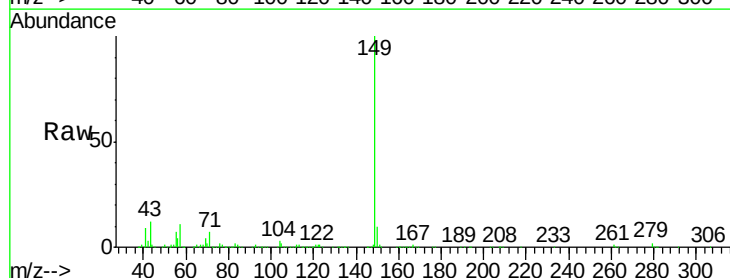
Tgt Ion:149 Resp: 1301222

Ion Ratio Lower Upper

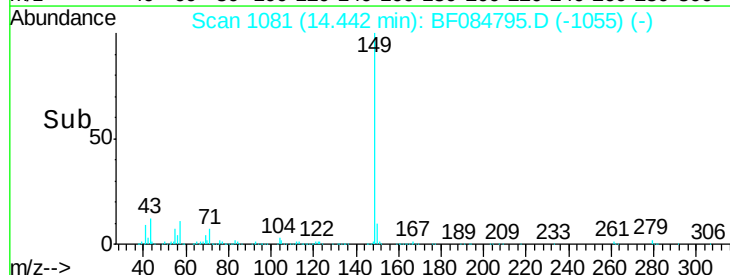
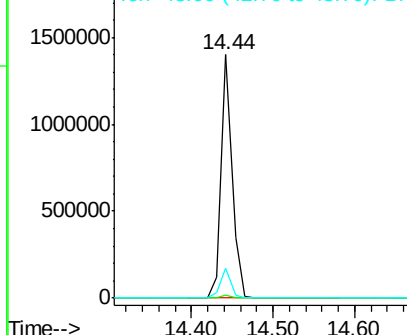
149 100

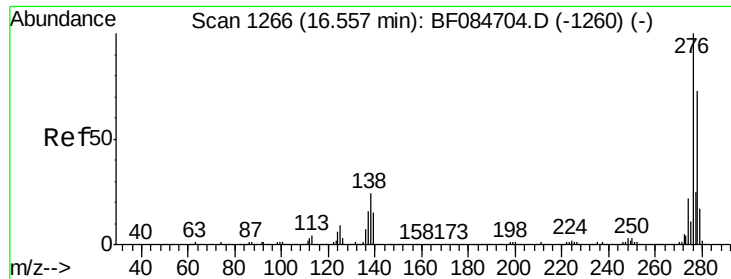
167 1.5 1.2 1.8

43 11.8 5.6 8.4#



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





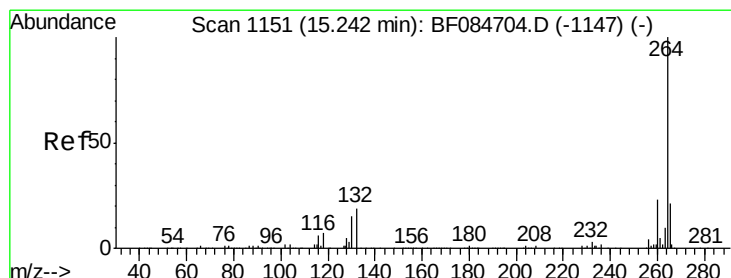
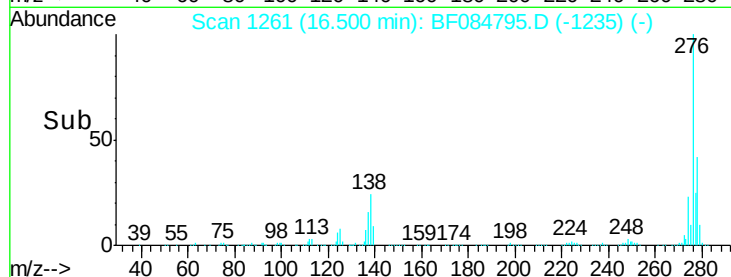
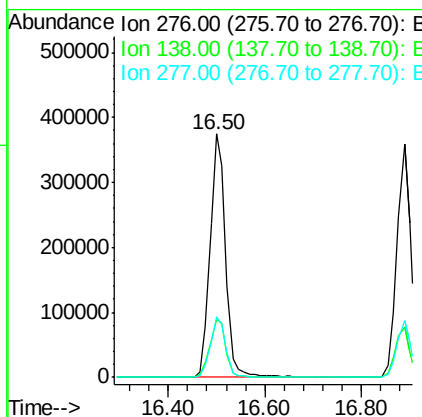
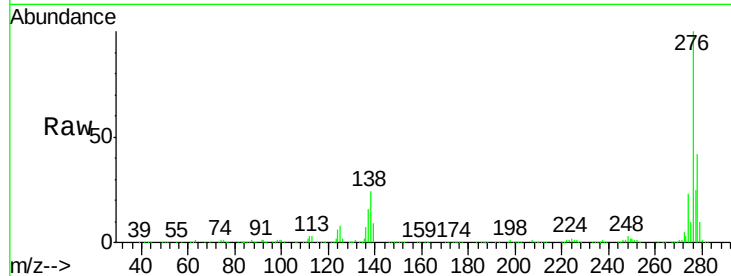
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.48 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion:	276	Resp:	854121
Ion Ratio	Lower	Upper	
276	100		
138	24.7	20.6	30.8
277	24.7	20.1	30.1

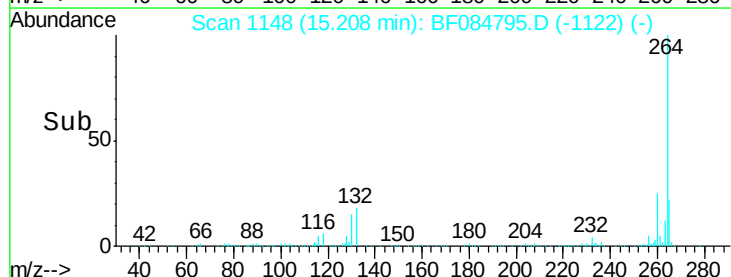
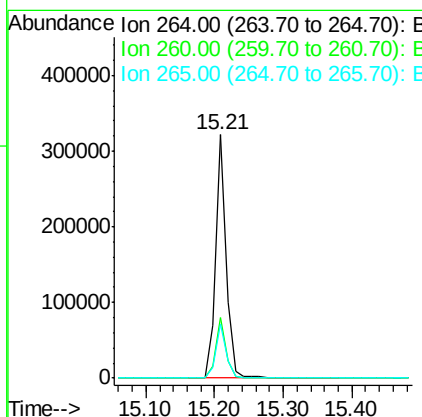
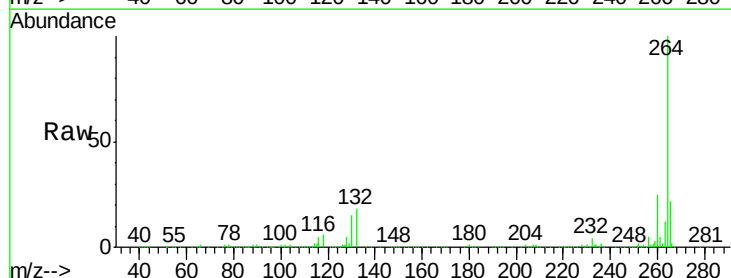
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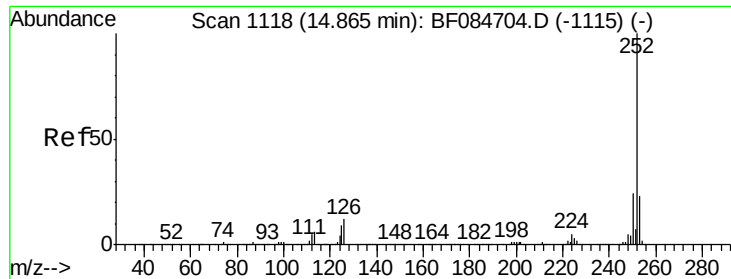
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:	264	Resp:	351735
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.2	17.8	26.6





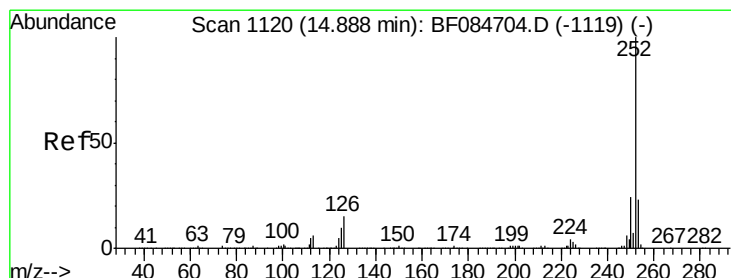
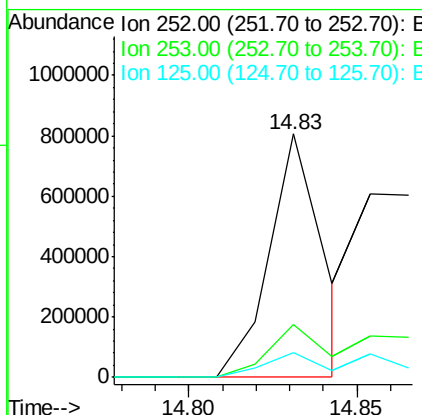
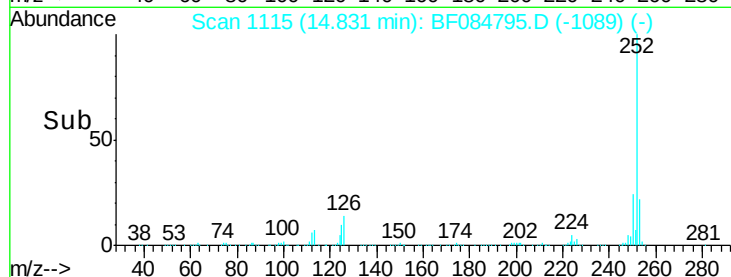
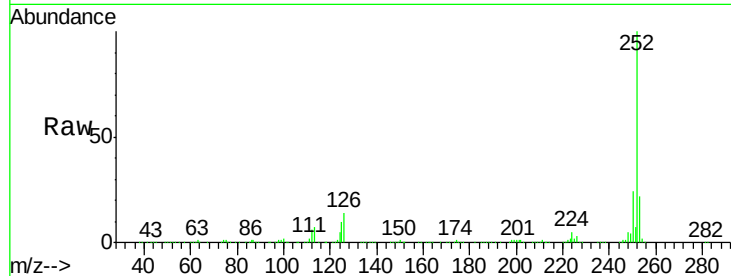
#87
Benzo(b)fluoranthene
Concen: 37.85 ng m
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampled :
PB88152BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.0	6.5	9.7#

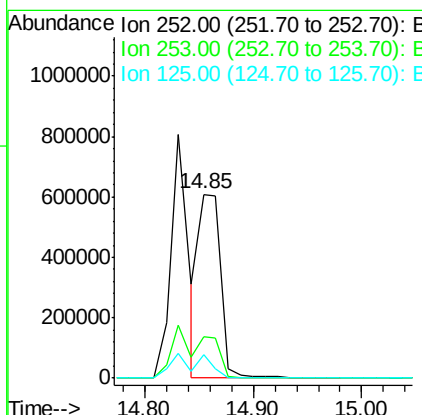
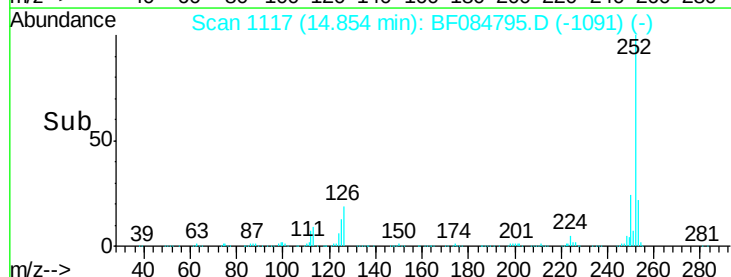
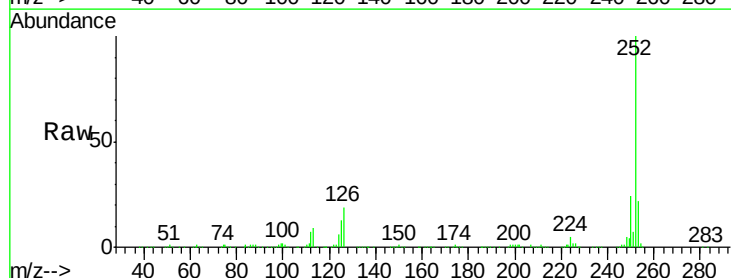
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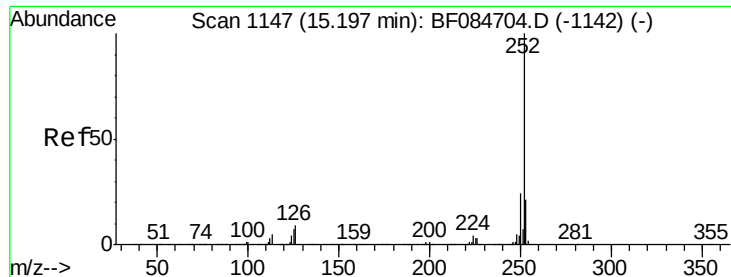
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.11 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.8	9.0	13.6





#89

Benzo(a)pyrene

Concen: 41.41 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

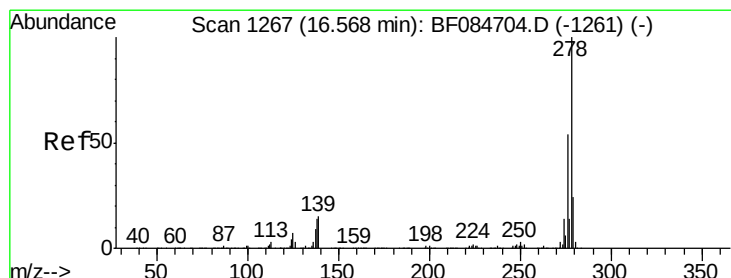
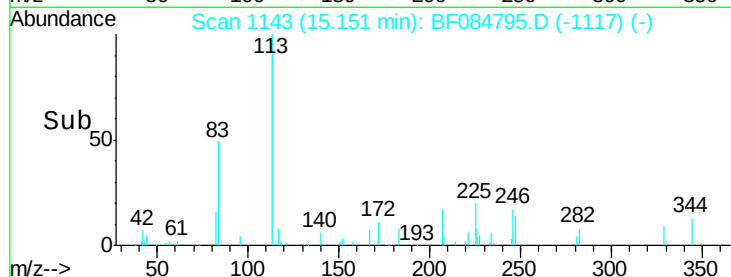
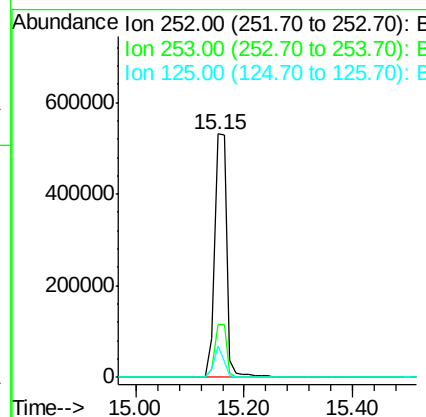
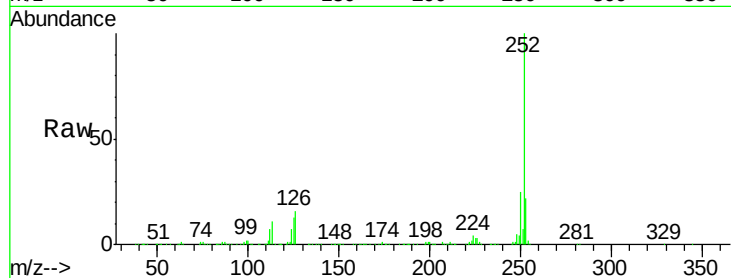
ClientSampleId :

PB88152BS

Tot Ion:	252	Resp:	833796
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	12.7	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 41.60 ng

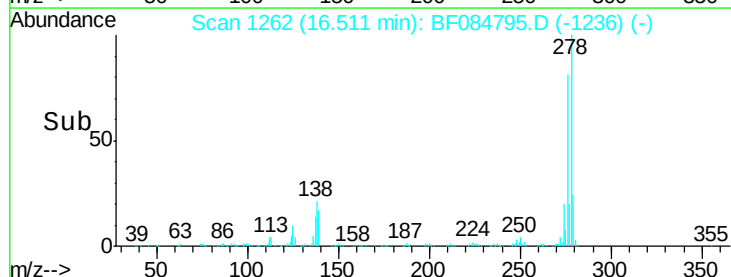
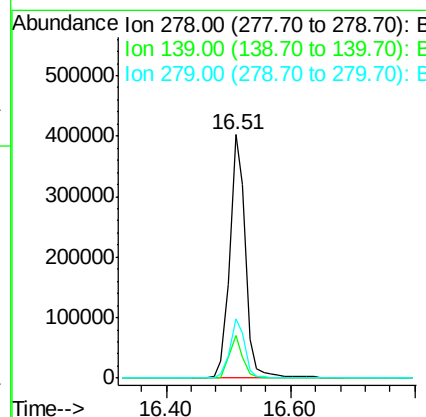
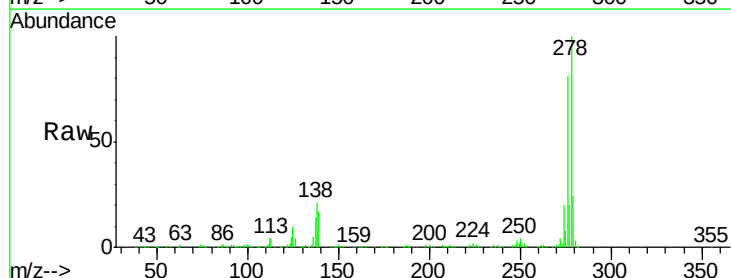
RT: 16.51 min Scan# 1262

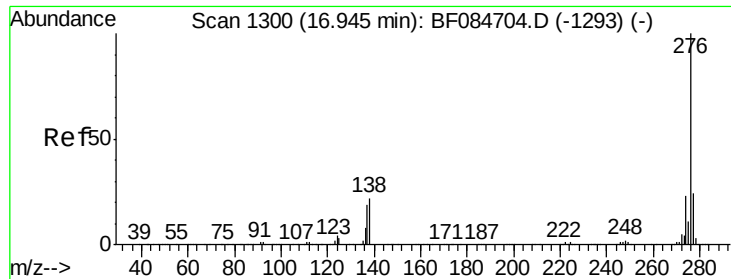
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:	278	Resp:	705111
Ion Ratio	Lower	Upper	
278	100		
139	17.3	15.0	22.4
279	24.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 42.68 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tot Ion:	276	Resp:	728707
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.6	17.8	26.6

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 2/4/2016 2:04:40 PM

