

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093737.D
 Acq On : 18 Mar 2017 7:21
 Operator : SJ/MA
 Sample : PB97625BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:59:36 PM

Quant Time: Mar 20 01:15:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	185362	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	748076	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	354331	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	614493	20.00	ng	0.00
75) Chrysene-d12	13.99	240	392207	20.00	ng	-0.01
86) Perylene-d12	15.41	264	374193	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1361826	122.49	ng	0.01
7) Phenol-d6	6.48	99	1714350	124.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	1130040	90.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	385494	166.23	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1860418	99.08	ng	0.00
78) Terphenyl-d14	12.95	244	1595046	87.54	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.54	88	209182	36.44	ng 98
3) Pyridine	3.24	79	611984	38.97	ng 98
4) n-Nitrosodimethylamine	3.18	42	300642	43.75	ng 95
6) Aniline	6.50	93	438205	22.24	ng 99
8) 2-Chlorophenol	6.63	128	536947	43.43	ng 95
9) Benzaldehyde	6.39	77	299992	39.72	ng 95
10) Phenol	6.49	94	669357	41.54	ng 98
11) bis(2-Chloroethyl)ether	6.58	93	535651	42.19	ng 100
12) 1,3-Dichlorobenzene	6.79	146	604157	44.11	ng 99
13) 1,4-Dichlorobenzene	6.87	146	613376	43.74	ng 99
14) 1,2-Dichlorobenzene	7.02	146	545955	41.63	ng 98
15) Benzyl Alcohol	6.98	79	480689	46.60	ng 99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	790821	39.51	ng 99
17) 2-Methylphenol	7.11	107	494477	46.21	ng 94
18) Hexachloroethane	7.36	117	212778	42.70	ng # 77
19) n-Nitroso-di-n-propylamine	7.27	70	410186	44.83	ng 98
20) 3+4-Methylphenols	7.26	107	531493	41.89	ng 99
22) Acetophenone	7.26	105	706072	42.36	ng # 98
24) Nitrobenzene	7.43	77	633926	47.05	ng 97
25) Isophorone	7.67	82	1069360	44.57	ng 98
26) 2-Nitrophenol	7.75	139	295608	57.94	ng 96
27) 2,4-Dimethylphenol	7.78	122	547932	46.94	ng 97
28) bis(2-Chloroethoxy)methane	7.89	93	704193	46.50	ng 99
29) 2,4-Dichlorophenol	7.99	162	494288	49.28	ng 99
30) 1,2,4-Trichlorobenzene	8.08	180	480130	45.93	ng 97
31) Naphthalene	8.15	128	1566695	42.95	ng 99
32) Benzoic acid	7.91	122	331376	46.07	ng 100
33) 4-Chloroaniline	8.20	127	147602	9.66	ng 96
34) Hexachlorobutadiene	8.29	225	236036	43.11	ng 98
35) Caprolactam	8.56	113	162941m	48.40	ng
36) 4-Chloro-3-methylphenol	8.69	107	544805	51.59	ng 92
37) 2-Methylnaphthalene	8.85	142	1111593	47.06	ng 99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	404288	48.73	ng 99
40) Hexachlorocyclopentadiene	9.01	237	396916	95.76	ng 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	335569	54.85	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	301183	47.75	ng	97
45) 1,1'-Biphenyl	9.32	154	1234060	49.67	ng	98
46) 2-Chloronaphthalene	9.33	162	958069	48.06	ng	# 91
47) 2-Nitroaniline	9.42	65	271021	46.99	ng	98
48) Acenaphthylene	9.75	152	1657916	51.00	ng	100
49) Dimethylphthalate	9.61	163	1136854	49.12	ng	100
50) 2,6-Dinitrotoluene	9.67	165	287191	57.45	ng	96
51) Acenaphthene	9.92	154	1065409	55.61	ng	98
52) 3-Nitroaniline	9.83	138	133219	22.46	ng	86
53) 2,4-Dinitrophenol	9.93	184	199469	87.20	ng	# 78
54) Dibenzofuran	10.09	168	1423937	54.67	ng	99
55) 4-Nitrophenol	9.99	139	477947	106.81	ng	# 60
56) 2,4-Dinitrotoluene	10.07	165	365810	54.97	ng	# 83
57) Fluorene	10.44	166	1047598	49.58	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	256885	59.22	ng	99
59) Diethylphthalate	10.31	149	1112827	50.51	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	407371	45.77	ng	98
61) 4-Nitroaniline	10.45	138	294210	53.30	ng	91
62) Azobenzene	10.58	77	1219827	54.81	ng	100
64) 4,6-Dinitro-2-methylphenol	10.47	198	145726	44.73	ng	93
65) n-Nitrosodiphenylamine	10.55	169	988895	47.67	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	277035	47.69	ng	96
67) Hexachlorobenzene	10.98	284	293687	48.37	ng	99
68) Atrazine	11.08	200	319025	53.41	ng	100
69) Pentachlorophenol	11.17	266	310215	89.18	ng	99
70) Phenanthrene	11.39	178	1443945	41.56	ng	100
71) Anthracene	11.44	178	1564366	46.02	ng	100
72) Carbazole	11.59	167	1417166	39.82	ng	100
73) Di-n-butylphthalate	11.93	149	1618291	44.49	ng	100
74) Fluoranthene	12.57	202	1594116	47.35	ng	99
76) Benzidine	12.69	184	538745	35.15	ng	96
77) Pyrene	12.80	202	1651143	49.50	ng	99
79) Butylbenzylphthalate	13.43	149	741940	52.36	ng	97
80) Benzo(a)anthracene	13.98	228	1182370	46.97	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	190698	21.60	ng	# 96
82) Chrysene	14.03	228	1219347	50.12	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	818704	52.55	ng	100
84) Di-n-octyl phthalate	14.60	149	1530010	53.27	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	990125	48.05	ng	100
87) Benzo(b)fluoranthene	15.01	252	1142394m	48.16	ng	
88) Benzo(k)fluoranthene	15.03	252	912806m	43.54	ng	
89) Benzo(a)pyrene	15.35	252	990330	47.24	ng	100
90) Dibenzo(a,h)anthracene	16.80	278	837831	47.24	ng	99
91) Benzo(g,h,i)perylene	17.19	276	829197	45.97	ng	98

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

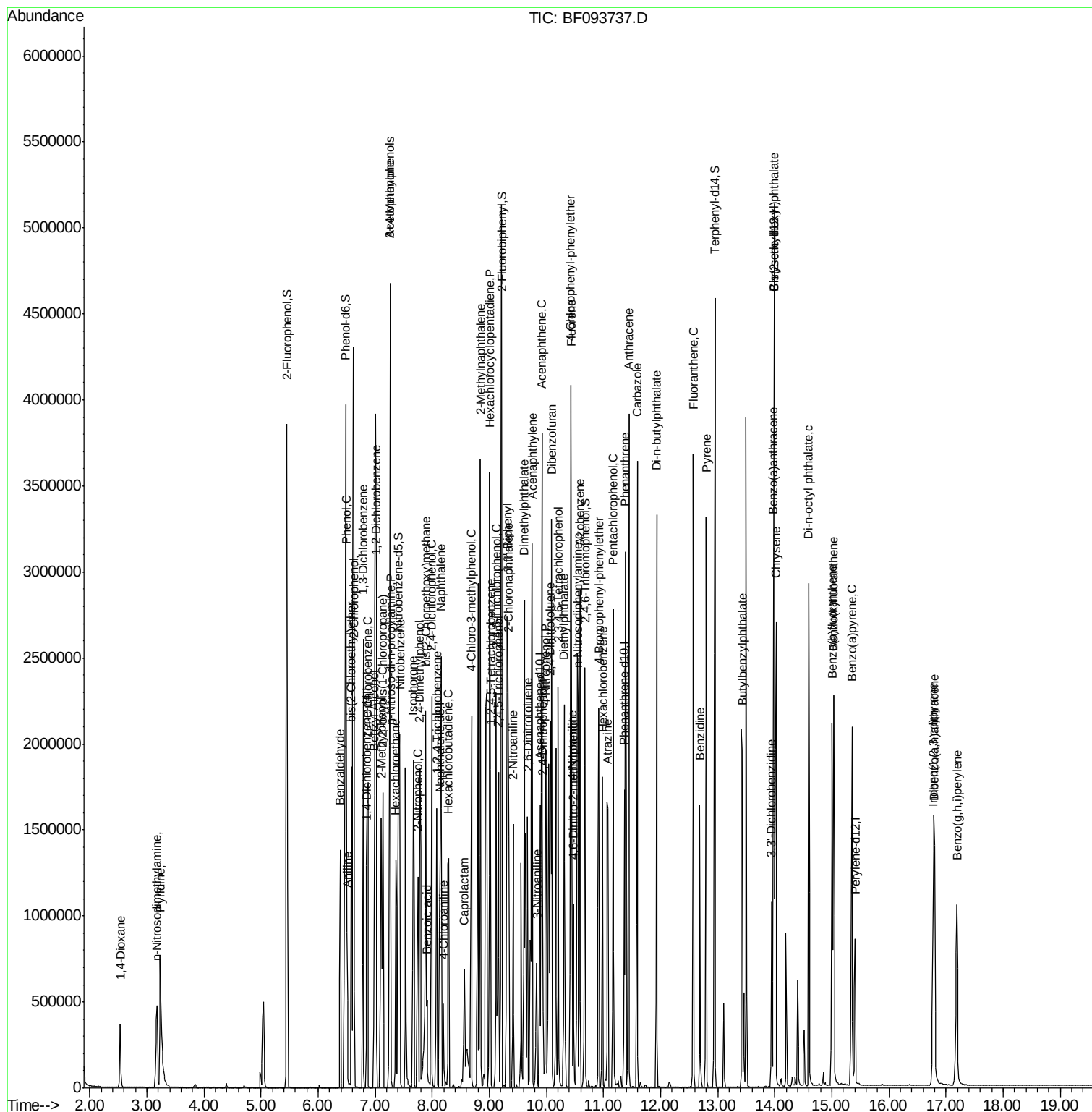
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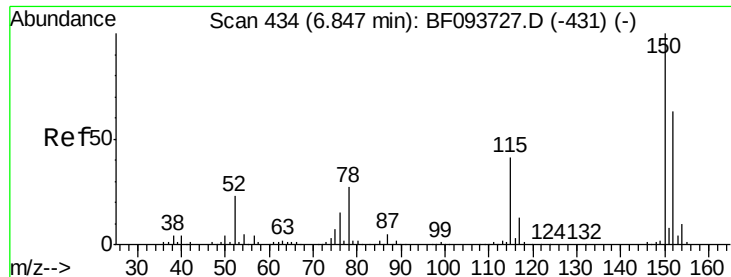
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

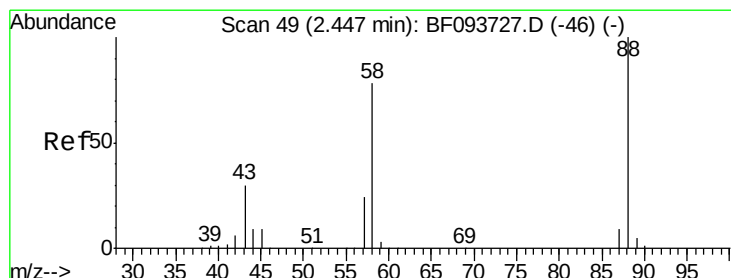
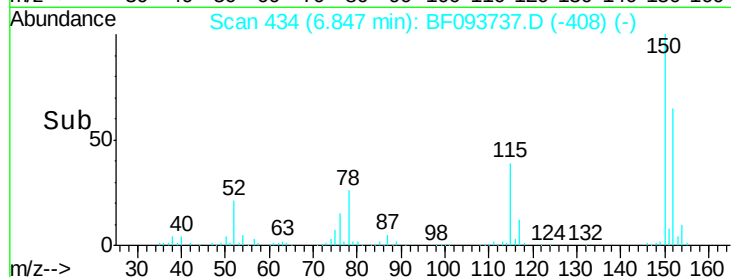
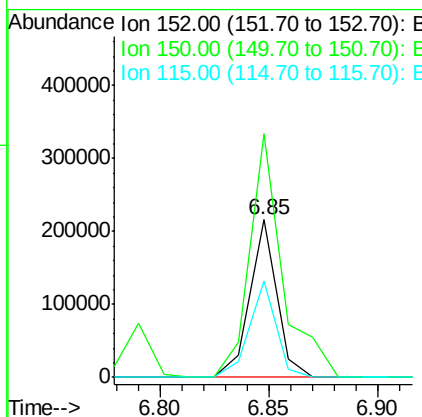
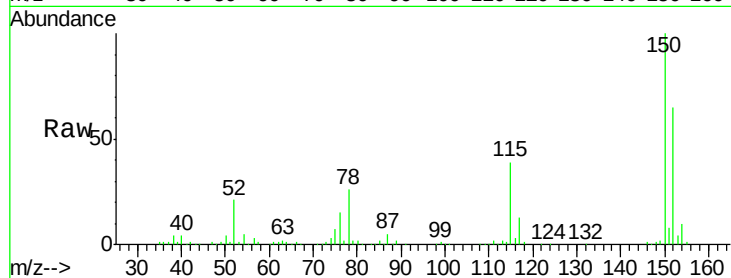
ClientSampleId :

PB97625BS

Tgt Ion:	152	Resp:	185362
Ion Ratio	Lower	Upper	
152	100		
150	154.6	126.2	189.2
115	60.9	52.2	78.2

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#2

1,4-Dioxane

Concen: 36.44 ng

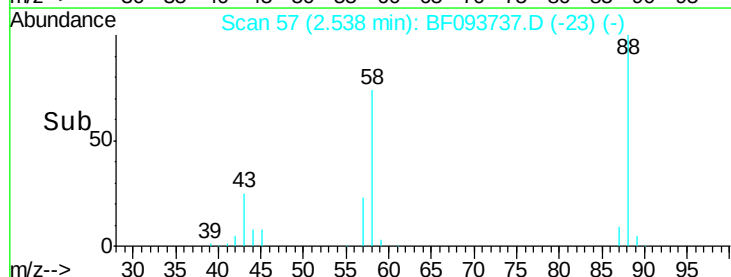
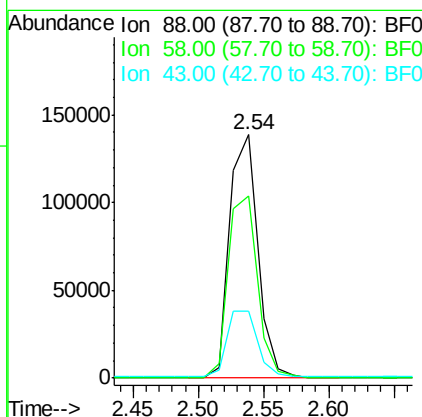
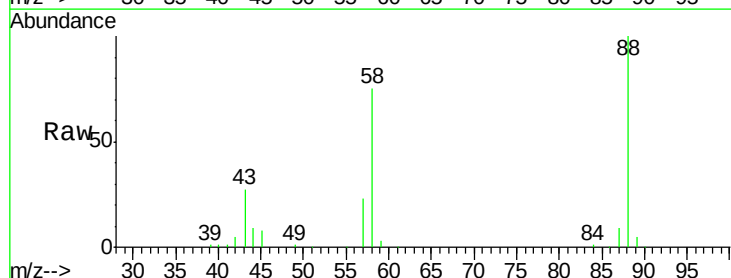
RT: 2.54 min Scan# 57

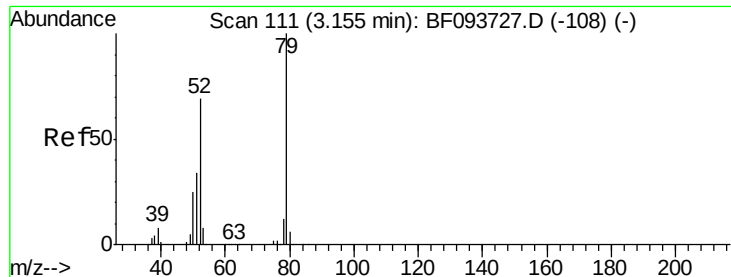
Delta R.T. 0.09 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	88	Resp:	209182
Ion Ratio	Lower	Upper	
88	100		
58	78.3	61.4	92.0
43	30.1	23.4	35.0





#3

Pyridine

Concen: 38.97 ng

RT: 3.24 min Scan# 118

Delta R.T. 0.08 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

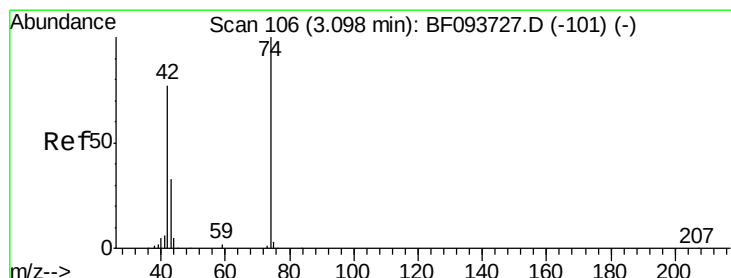
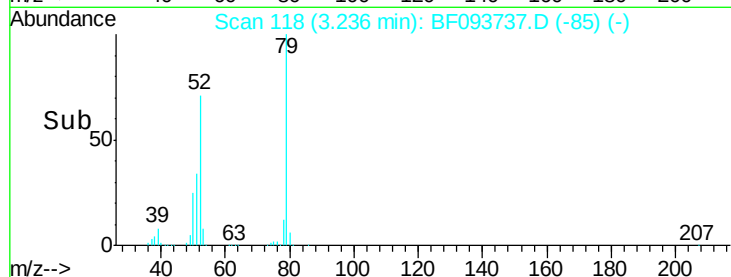
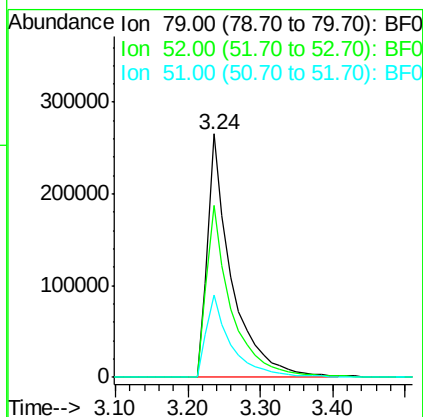
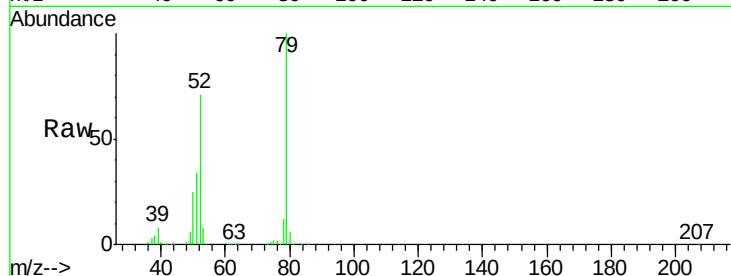
ClientSampleId :

PB97625BS

Tgt Ion:	79	Resp:	611984
Ion	Ratio	Lower	Upper
79	100		
52	70.5	54.8	82.2
51	34.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 43.75 ng

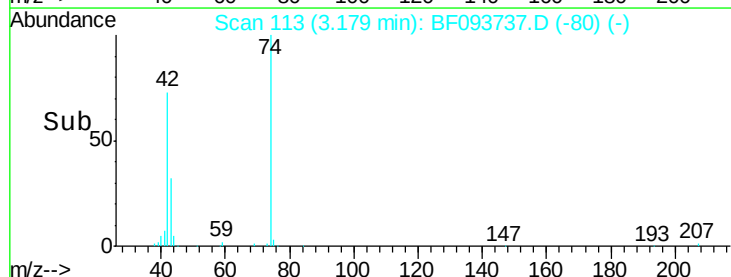
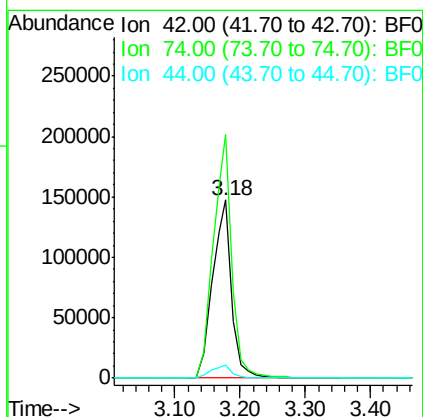
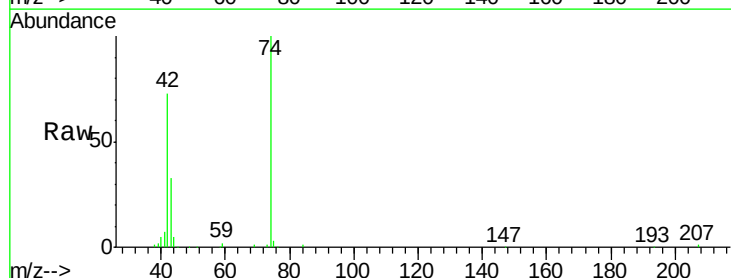
RT: 3.18 min Scan# 113

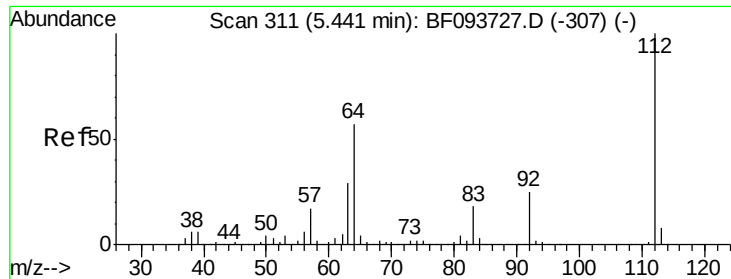
Delta R.T. 0.08 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	42	Resp:	300642
Ion	Ratio	Lower	Upper
42	100		
74	136.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 122.49 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

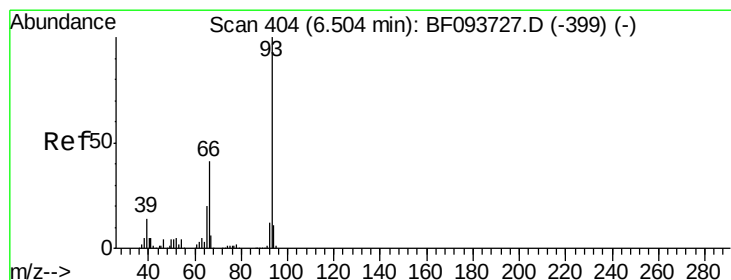
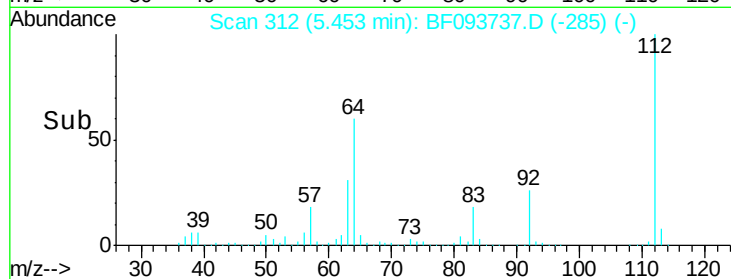
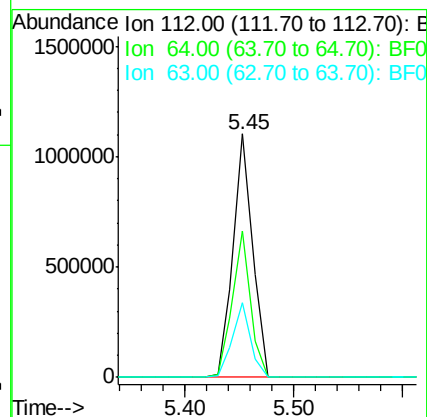
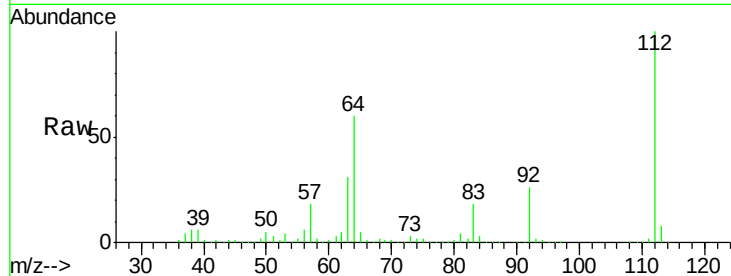
ClientSampled :

PB97625BS

Tgt Ion:	112	Resp:	1361826
Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.0	69.0
63	30.6	23.4	35.0

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#6

Aniline

Concen: 22.24 ng

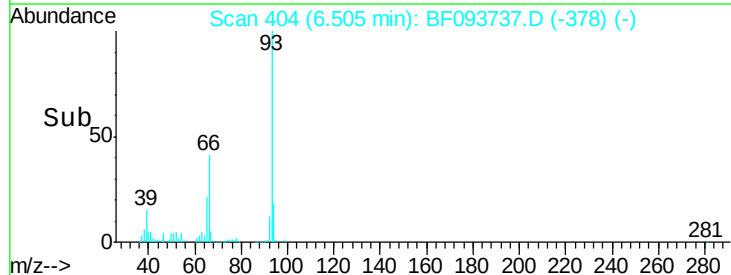
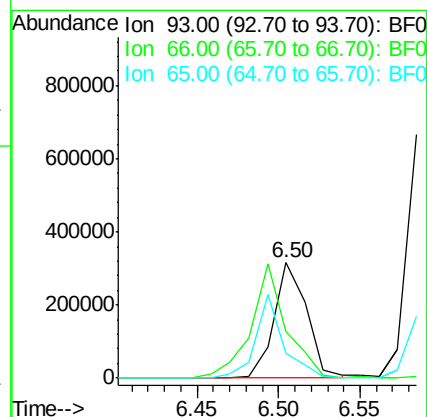
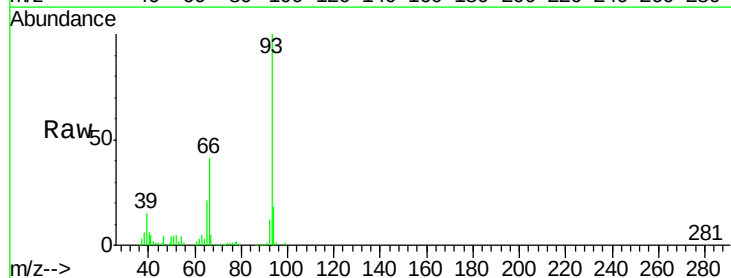
RT: 6.50 min Scan# 404

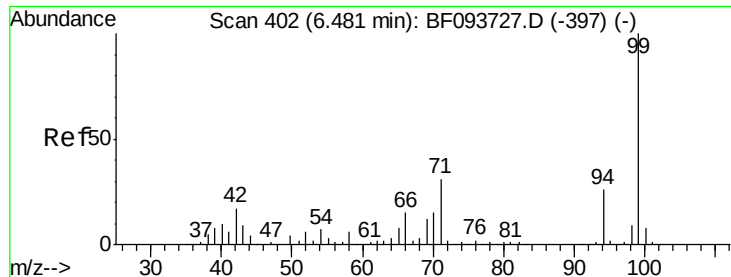
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	93	Resp:	438205
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.9	49.3
65	21.0	16.0	24.0





#7

Phenol-d6

Concen: 124.41 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

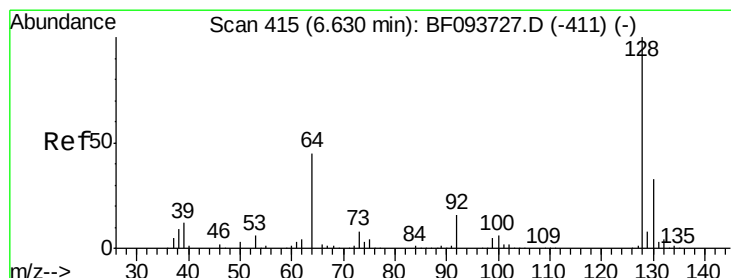
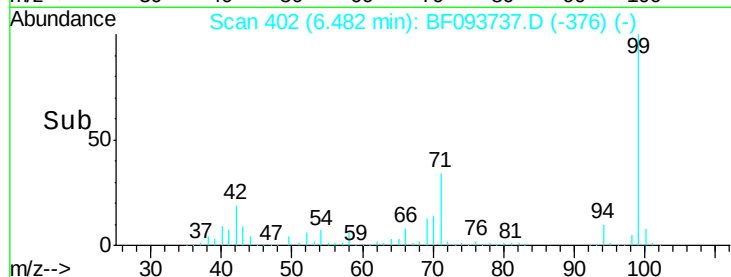
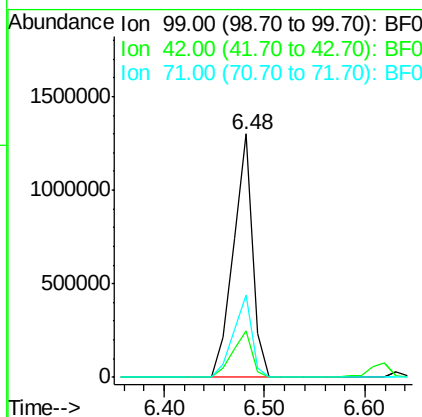
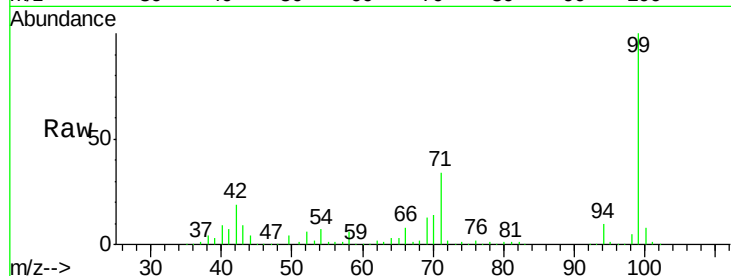
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Tgt Ion:	99	Resp:	1714350
Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	33.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.43 ng

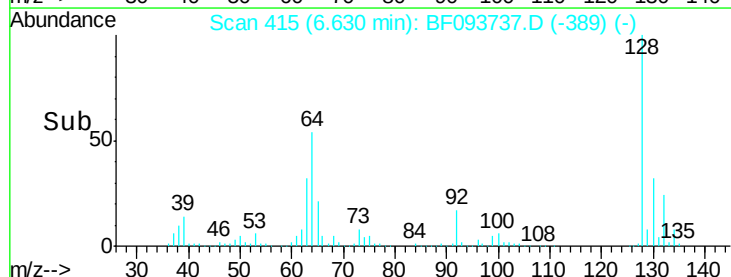
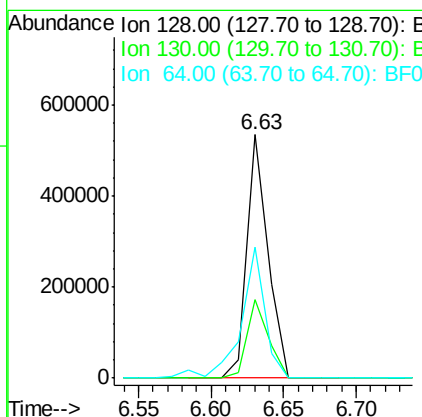
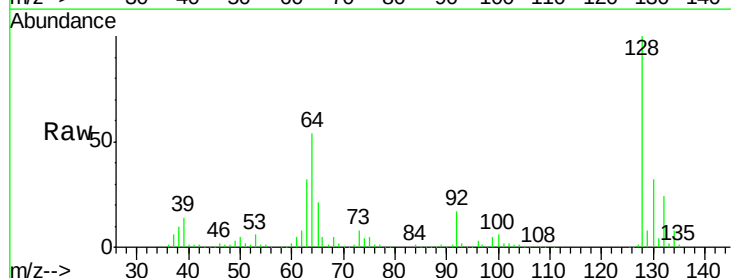
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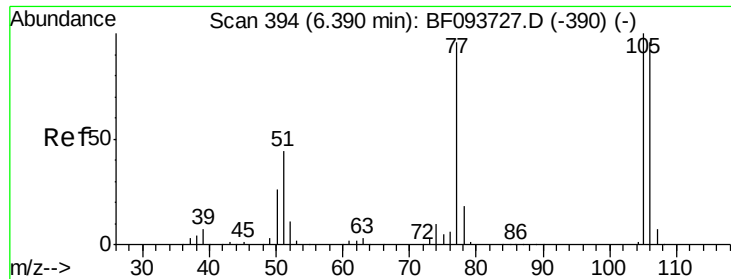
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	128	Resp:	536947
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	53.6	28.4	68.4





#9

Benzaldehyde

Concen: 39.72 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

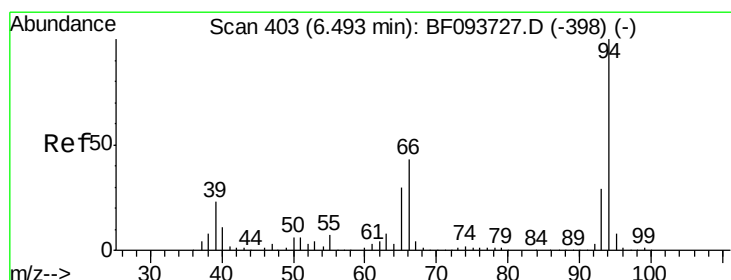
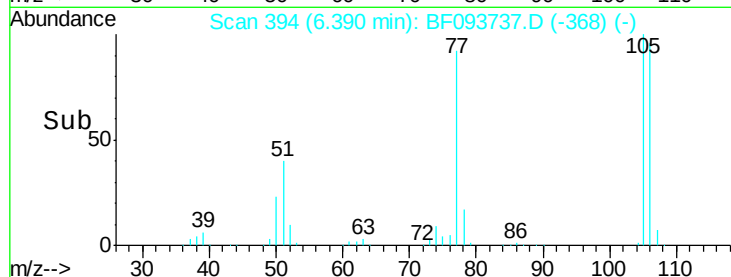
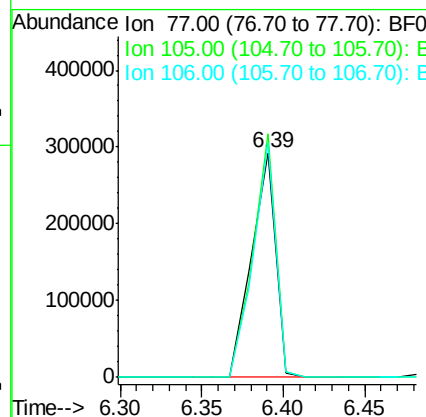
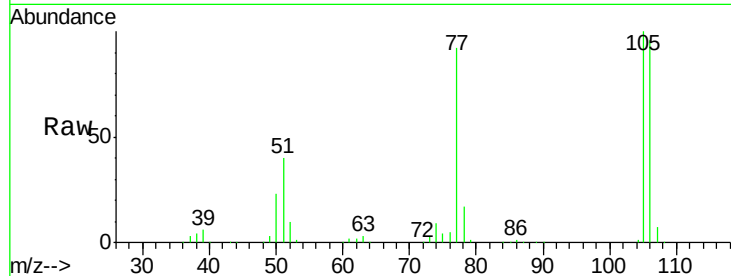
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Tgt Ion:	77	Resp:	299992
Ion	Ratio	Lower	Upper
77	100		
105	108.2	83.8	123.8
106	104.3	79.1	119.1

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#10

Phenol

Concen: 41.54 ng

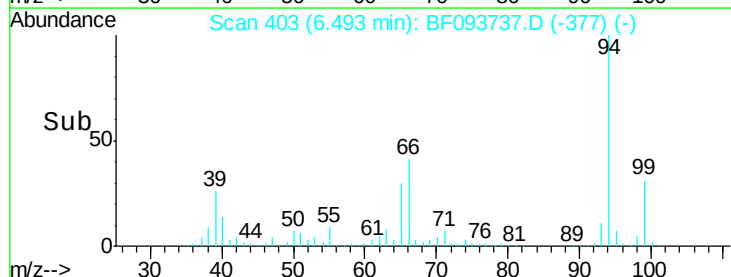
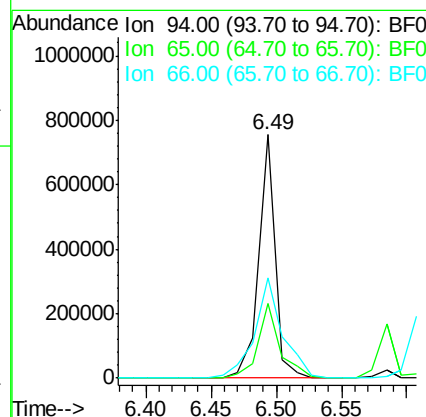
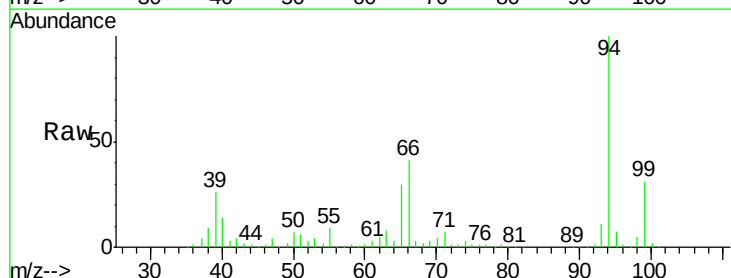
RT: 6.49 min Scan# 403

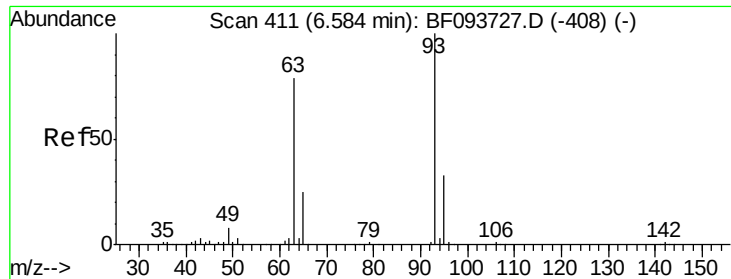
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	94	Resp:	669357
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	41.4	23.1	63.1





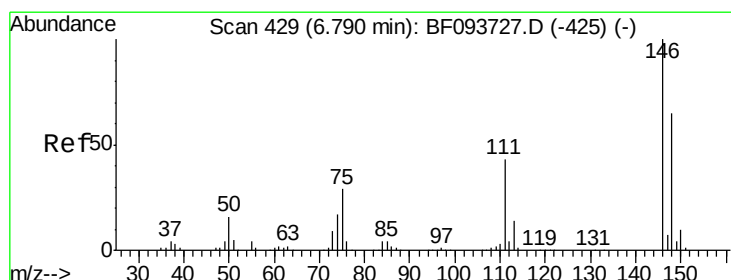
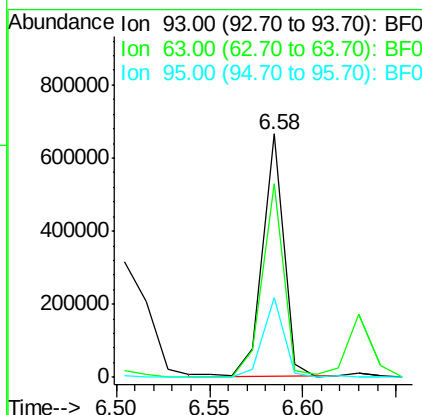
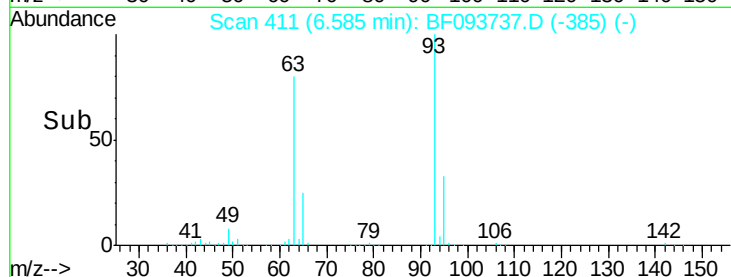
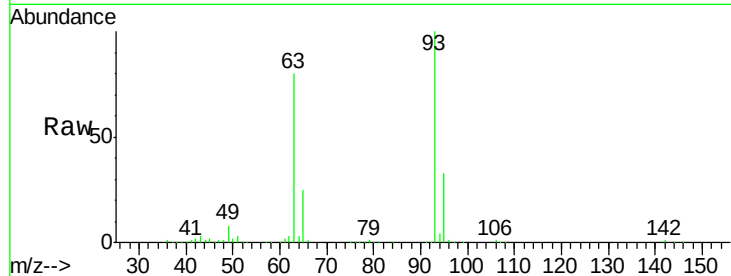
#11
bis(2-Chloroethyl)ether
Concen: 42.19 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion:	93	Resp:	535651
Ion Ratio	Lower	Upper	
93	100		
63	79.6	59.2	99.2
95	32.6	12.8	52.8

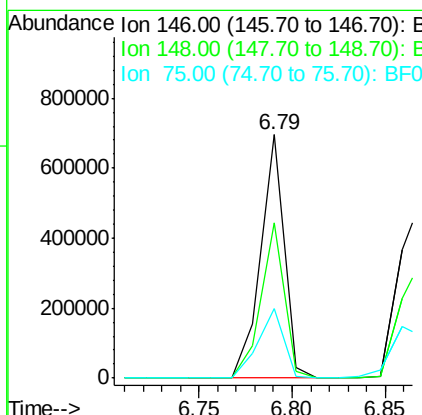
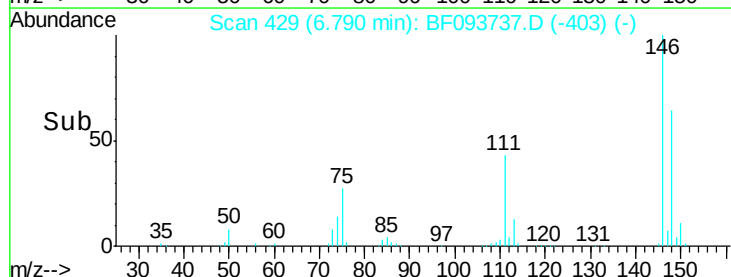
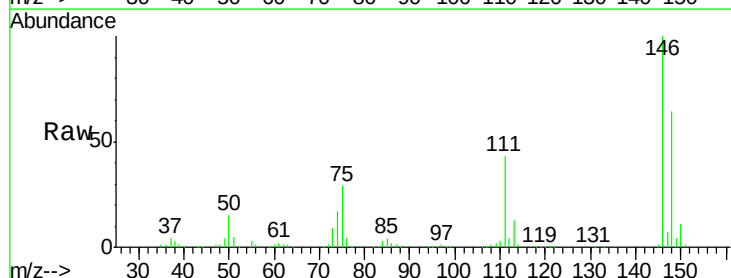
Manual Integrations
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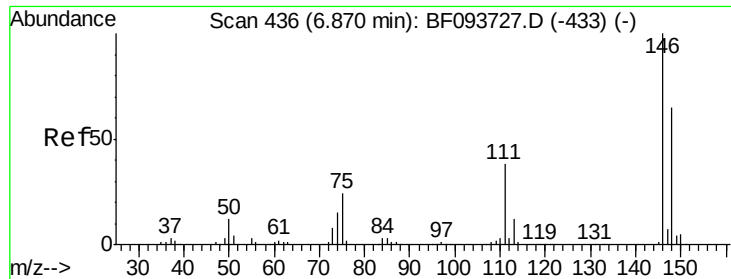
mohammad
3/20/2017 12:59:36 PM



#12
1,3-Dichlorobenzene
Concen: 44.11 ng
RT: 6.79 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion:	146	Resp:	604157
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
75	28.7	23.1	34.7





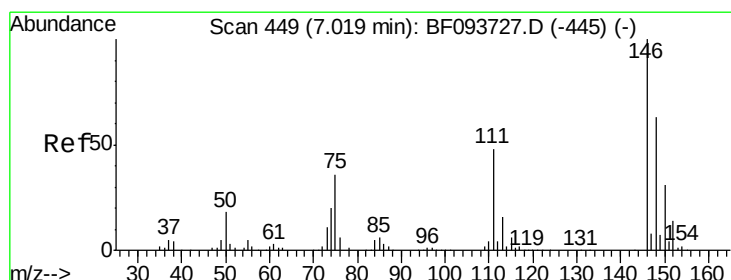
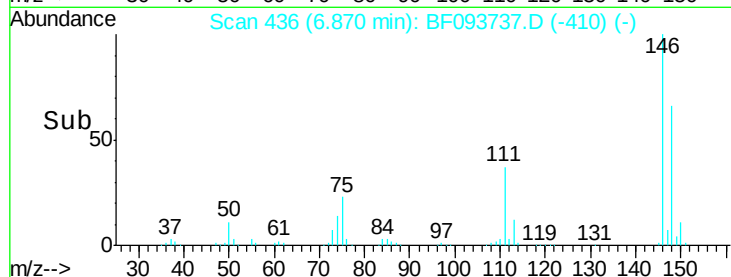
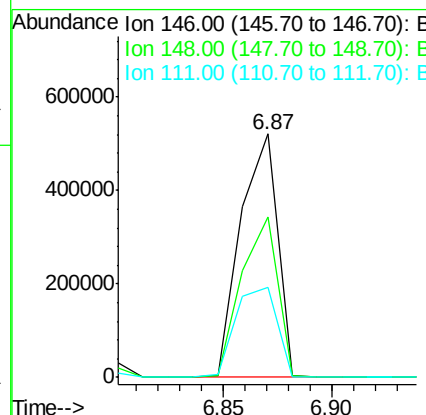
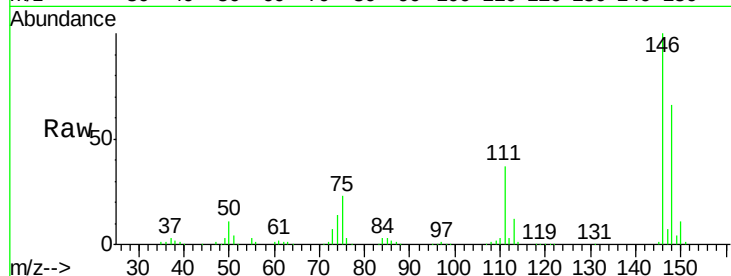
#13
 1,4-Dichlorobenzene
 Concen: 43.74 ng
 RT: 6.87 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	613376		
148	65.9	52.2	78.2	
111	36.8	30.3	45.5	

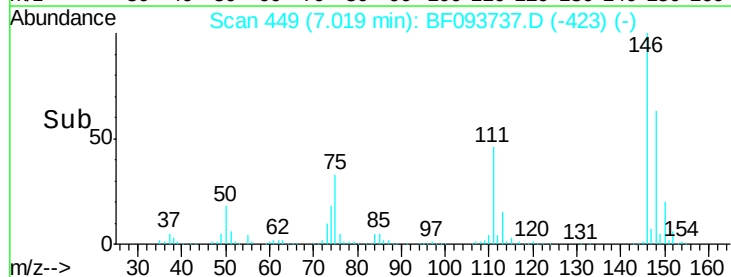
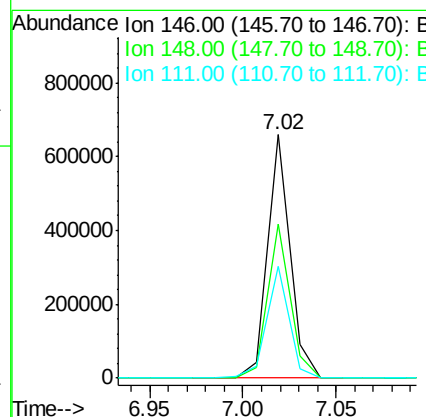
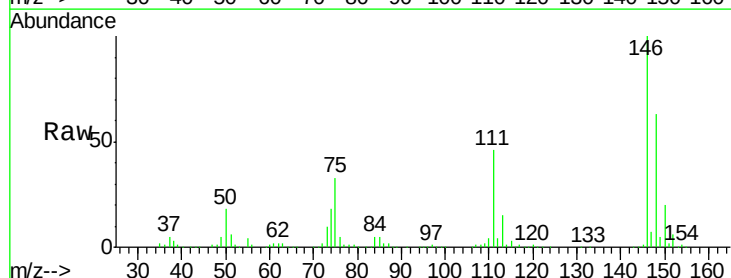
Manual Integrations
 APPROVED

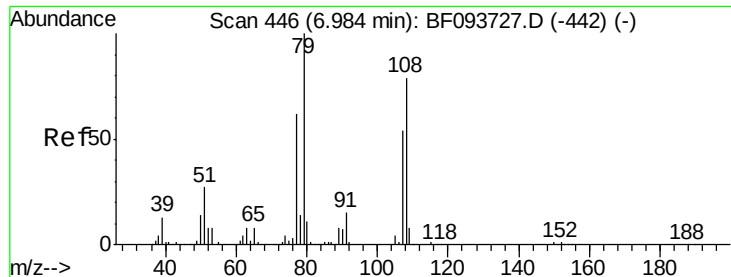
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.63 ng
 RT: 7.02 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	545955		
148	63.4	50.4	75.6	
111	46.0	38.2	57.4	





#15

Benzyl Alcohol

Concen: 46.60 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

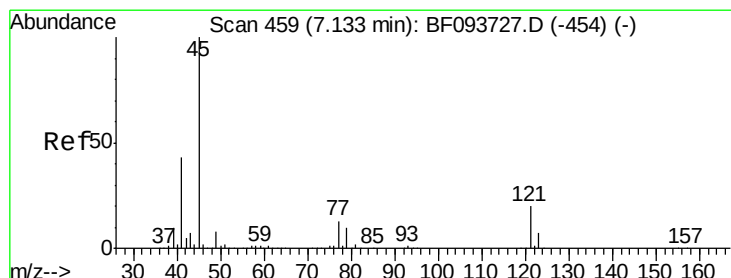
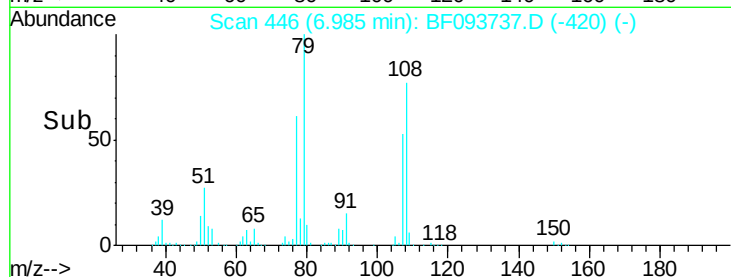
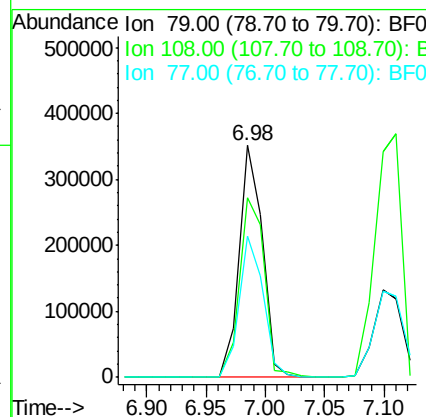
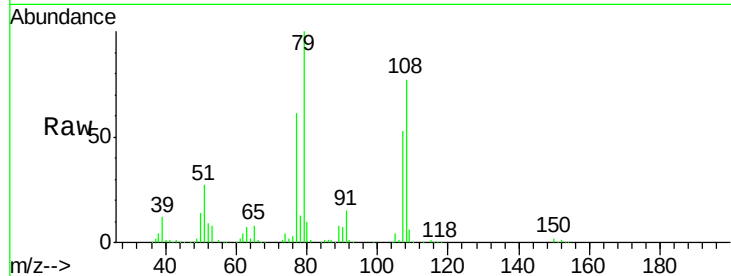
ClientSampleId :

PB97625BS

Tgt Ion:	79	Resp:	480689
Ion Ratio	Lower	Upper	
79	100		
108	77.5	63.4	95.0
77	61.2	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.51 ng

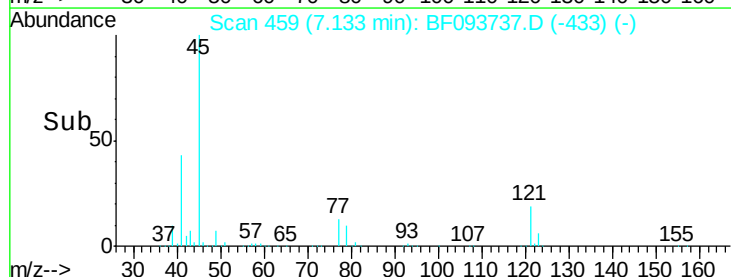
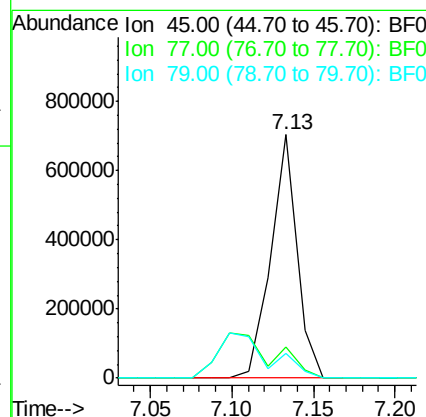
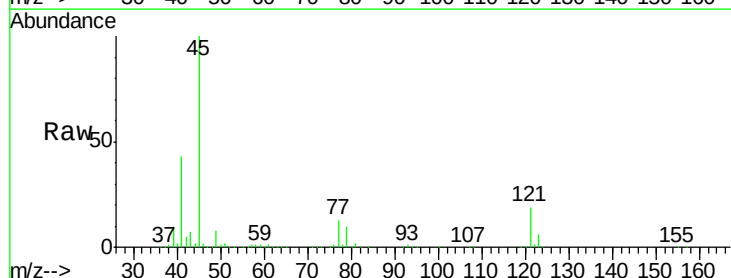
RT: 7.13 min Scan# 459

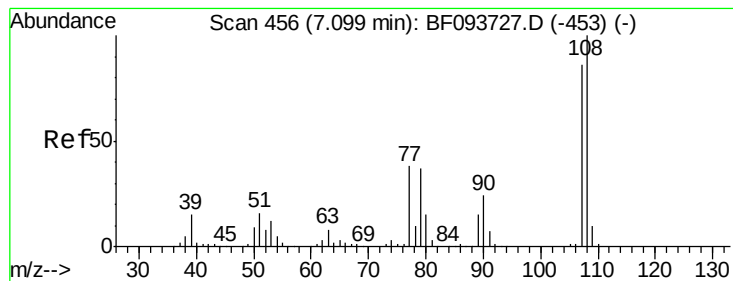
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	45	Resp:	790821
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	33.2
79	10.4	0.0	30.0





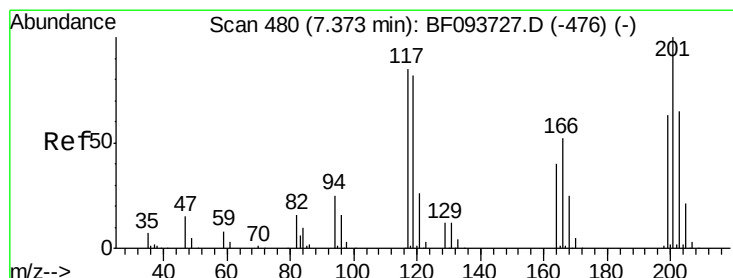
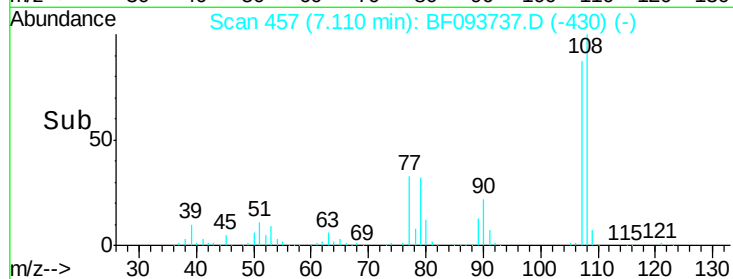
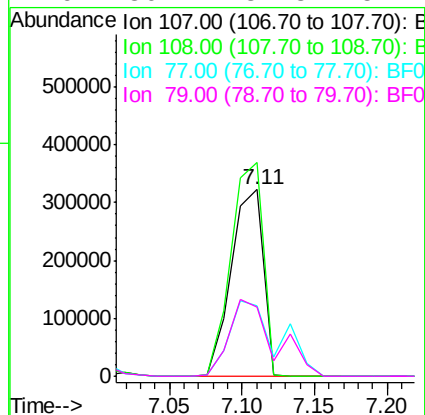
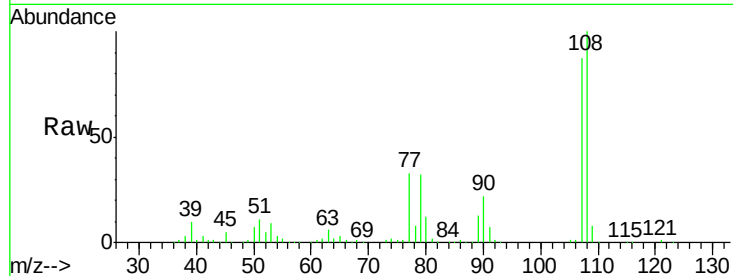
#17
2-Methylphenol
Concen: 46.21 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	494477		
108	114.3	93.4	140.0	
77	37.9	35.8	53.6	
79	36.7	34.8	52.2	

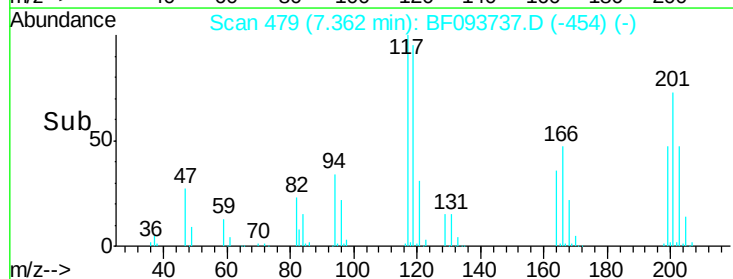
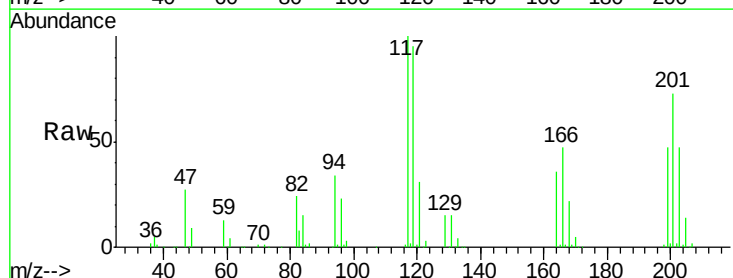
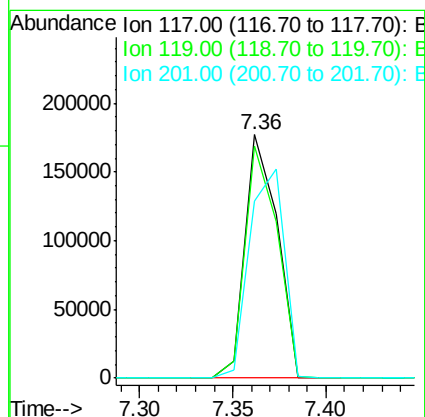
Manual Integrations
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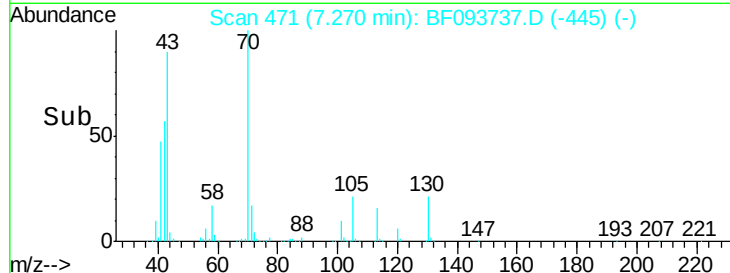
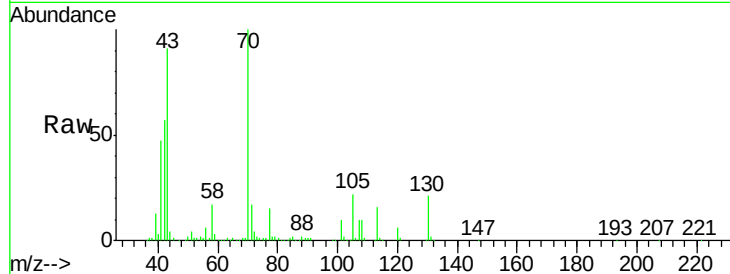
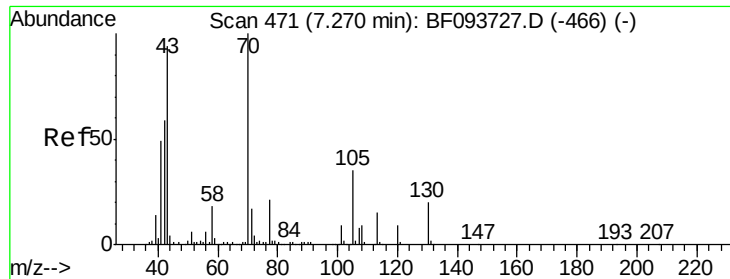
mohammad
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#18
Hexachloroethane
Concen: 42.70 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	212778		
119	95.3	77.4	116.0	
201	72.5	94.6	141.8#	





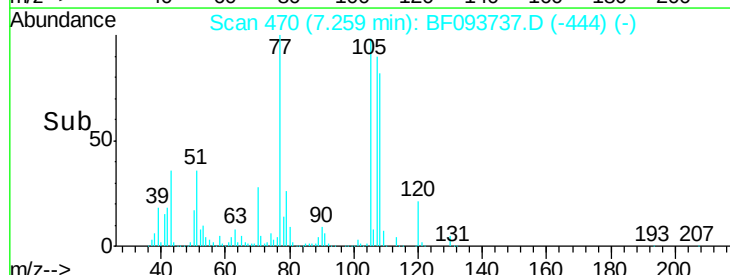
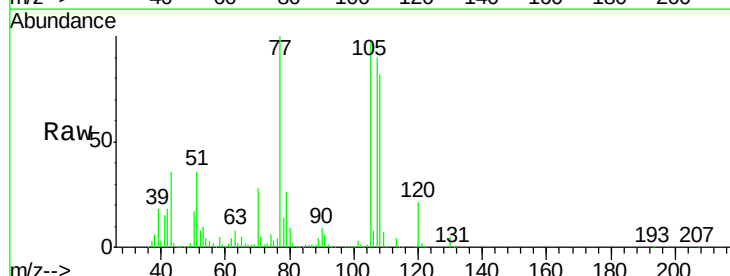
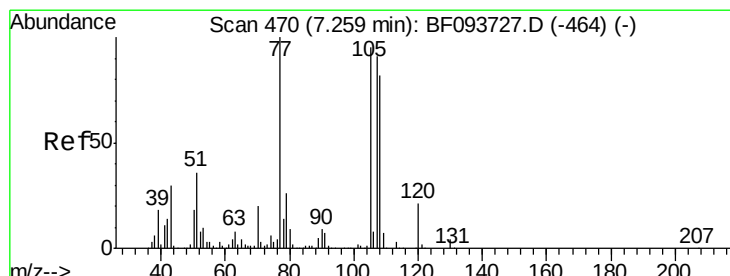
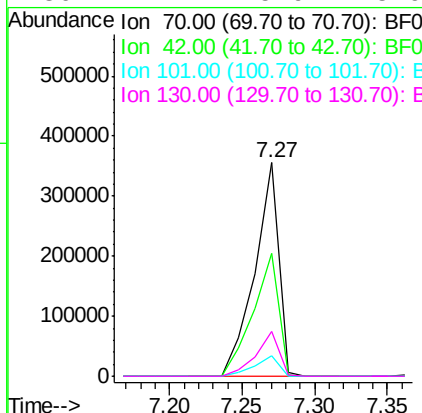
#19
n-Nitroso-di-n-propylamine
Concen: 44.83 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Manual Integrations
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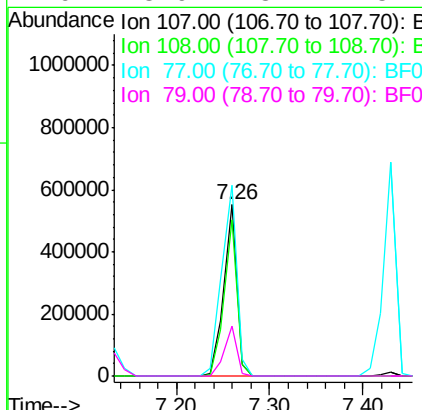
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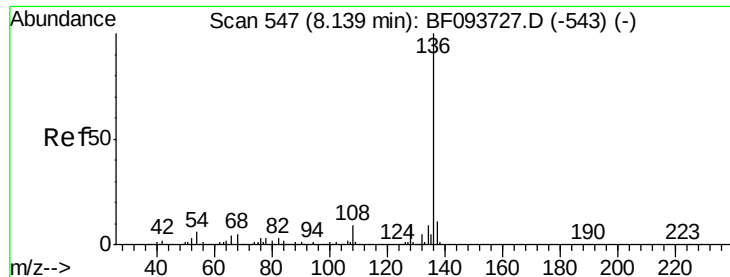
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.2	70.8
101	9.7	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.89 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	111.6	90.5	130.5
79	28.9	8.4	48.4





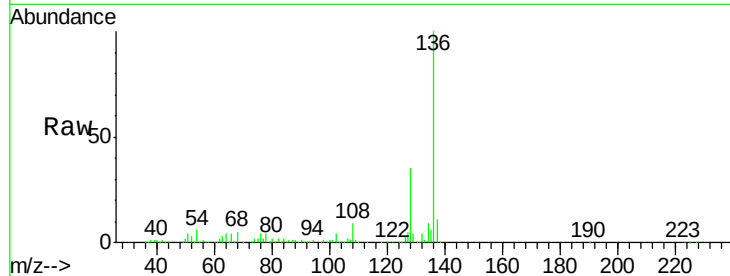
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.5	12.7
54	5.6	4.9	7.3
68	4.7	4.1	6.1

Manual Integrations
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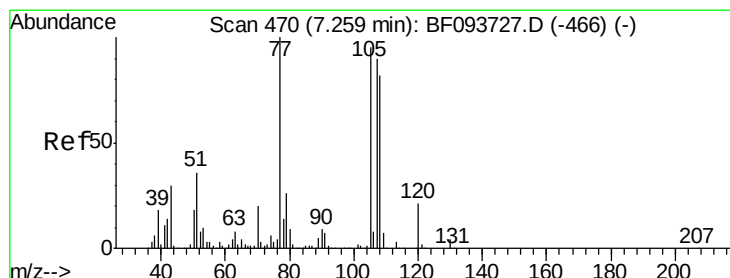
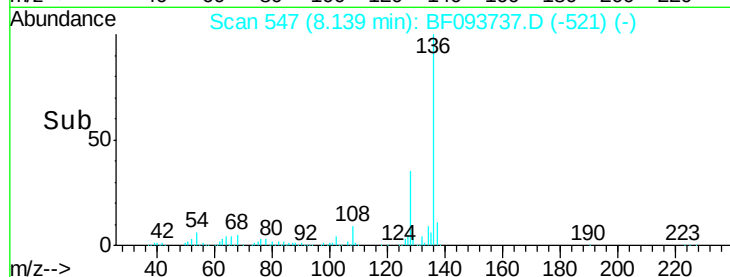
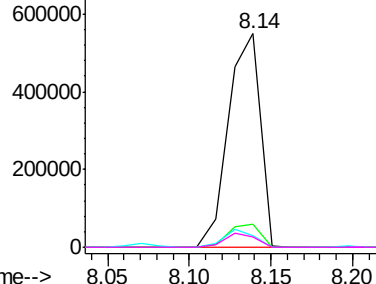
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.36 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.7	2.8	4.2#
51	36.4	30.7	46.1
120	21.6	17.4	26.0

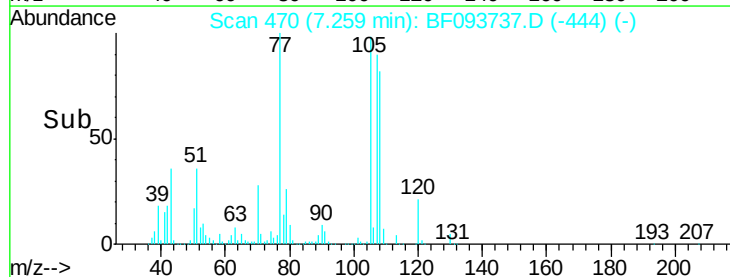
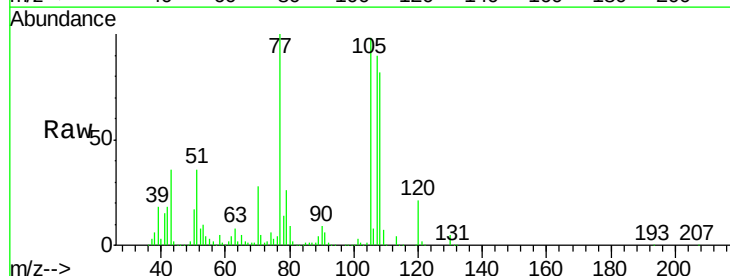
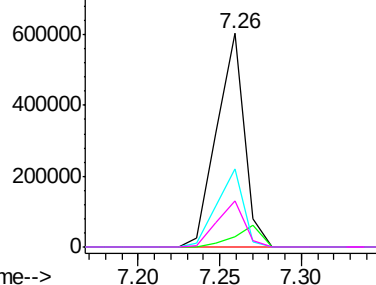
Abundance

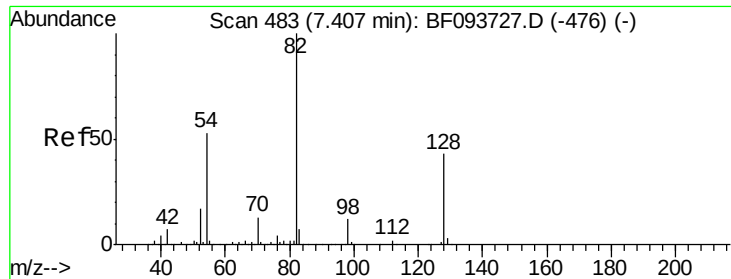
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





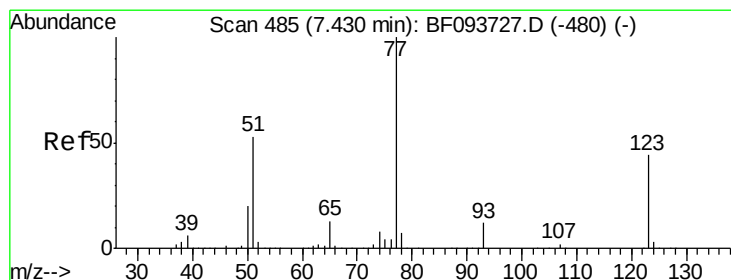
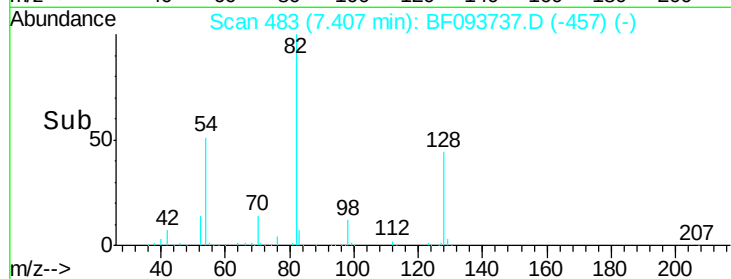
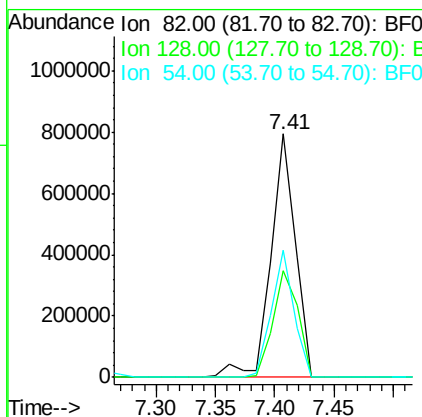
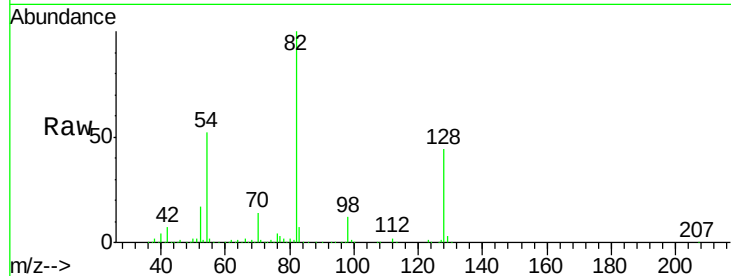
#23
Nitrobenzene-d5
Concen: 90.66 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion: 82 Resp: 1130040
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 52.0 42.2 63.2

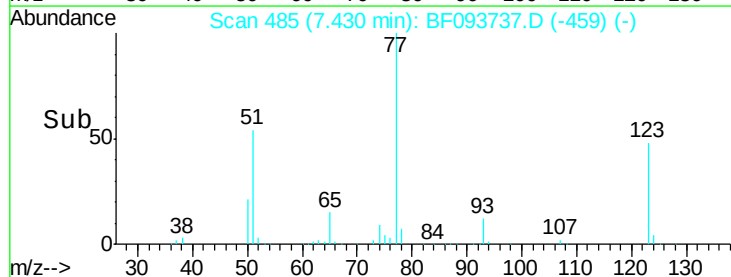
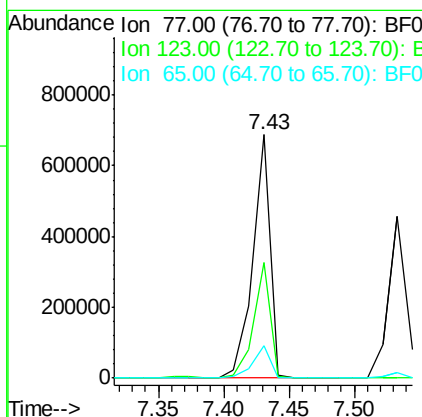
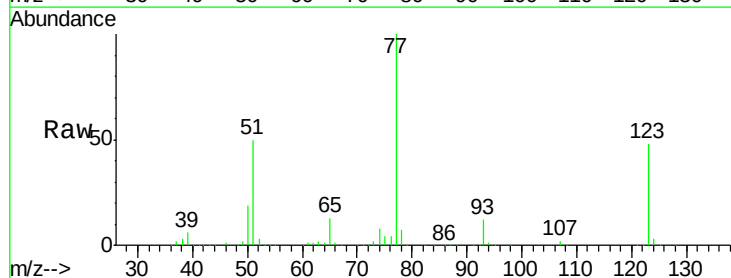
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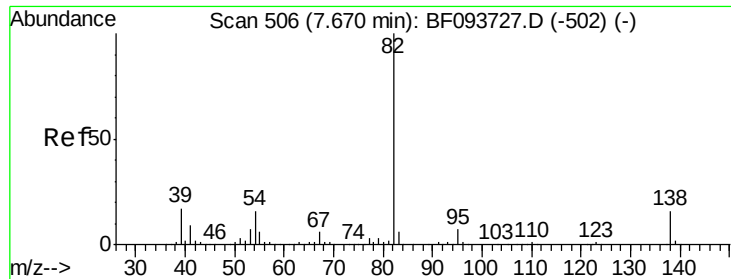
mohammad
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#24
Nitrobenzene
Concen: 47.05 ng
RT: 7.43 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion: 77 Resp: 633926
Ion Ratio Lower Upper
77 100
123 47.7 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 44.57 ng

RT: 7.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

Tgt Ion: 82 Resp: 1069360

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

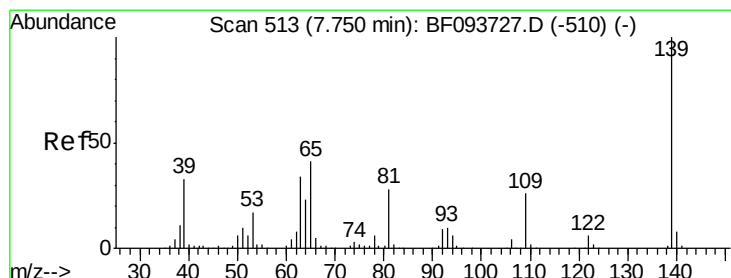
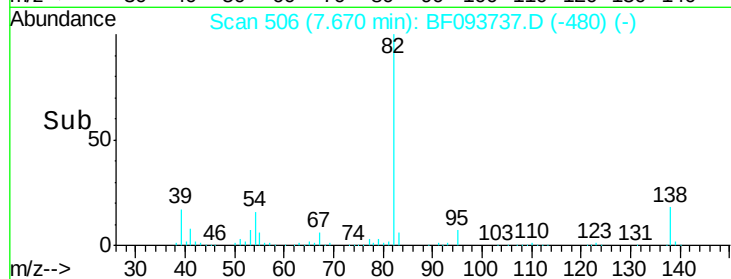
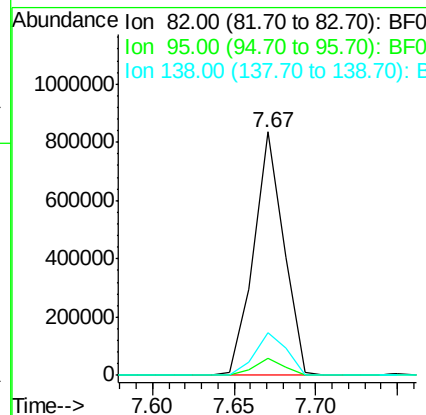
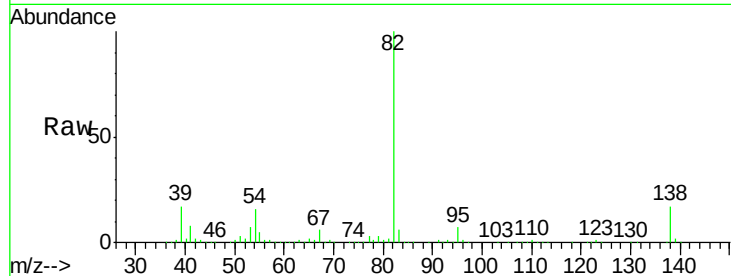
138 17.4 13.1 19.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 57.94 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

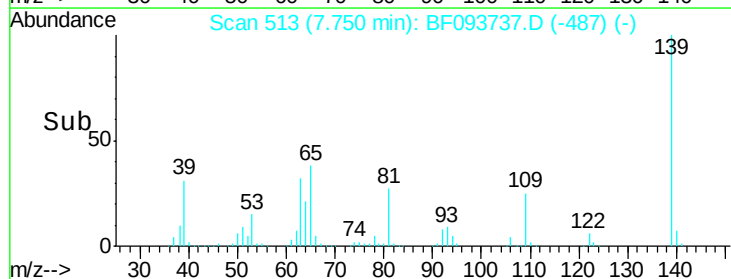
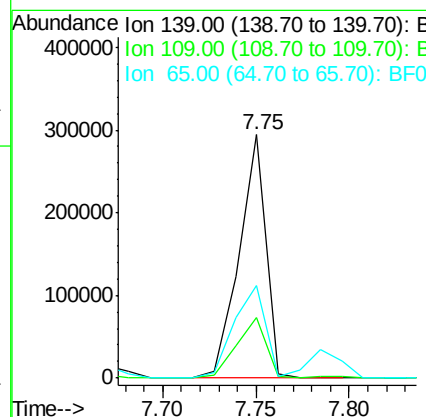
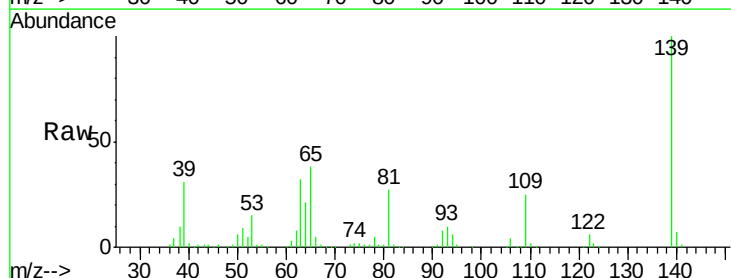
Tgt Ion: 139 Resp: 295608

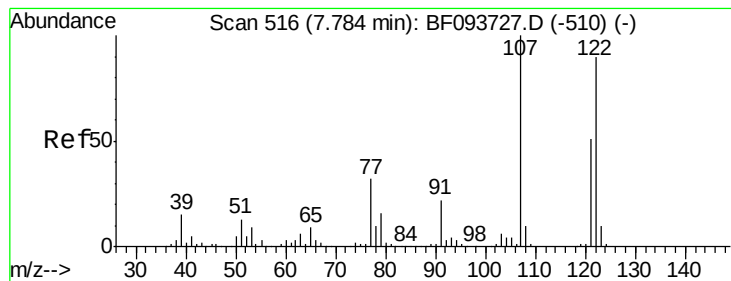
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 37.8 33.0 49.6





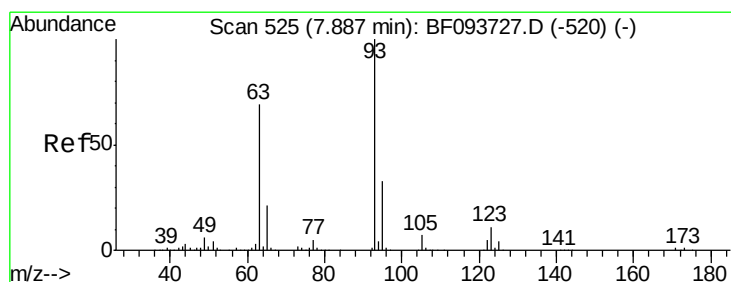
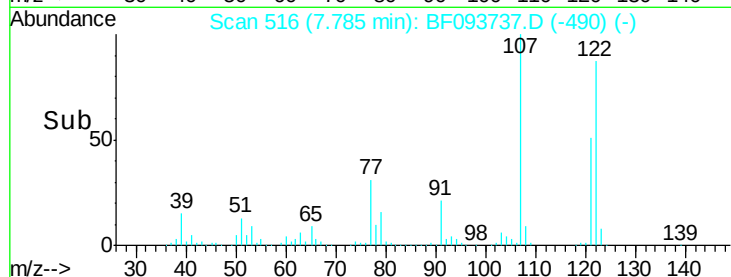
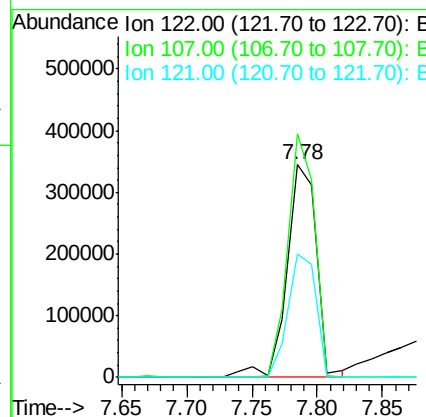
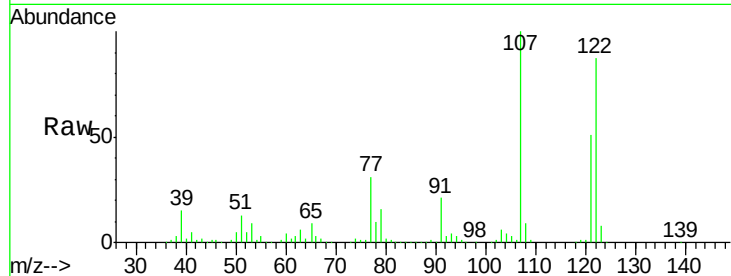
#27
2,4-Dimethylphenol
Concen: 46.94 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	547932		
107	114.6	89.2	133.8	
121	58.1	45.2	67.8	

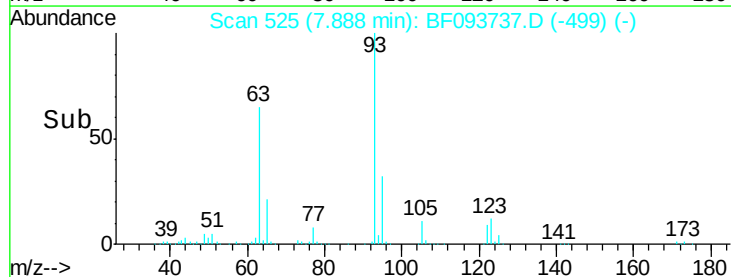
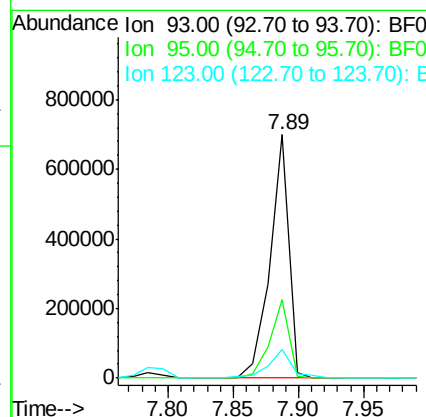
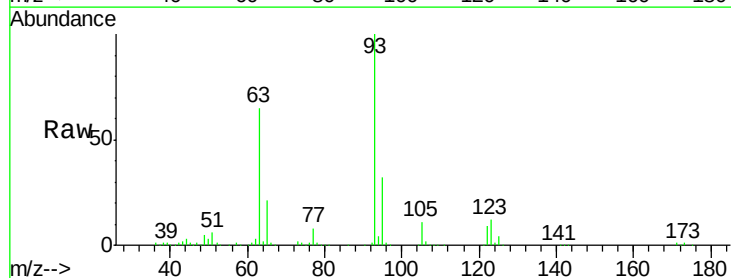
Manual Integrations
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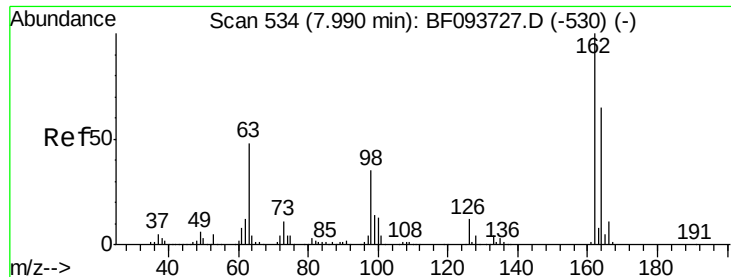
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.50 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	704193		
95	32.4	26.5	39.7	
123	11.9	9.0	13.4	





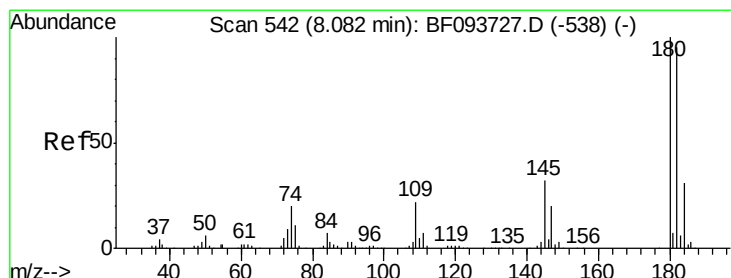
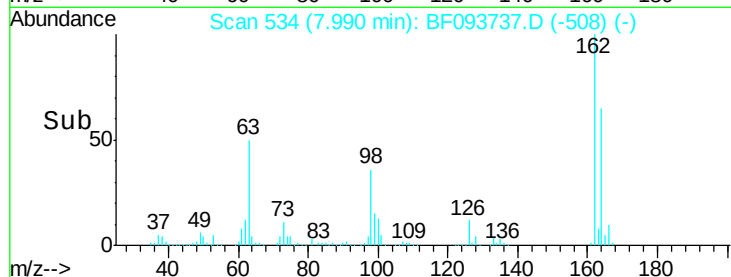
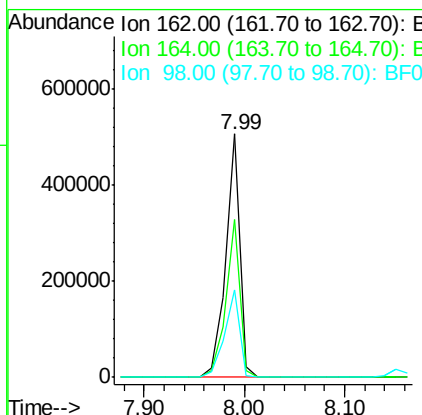
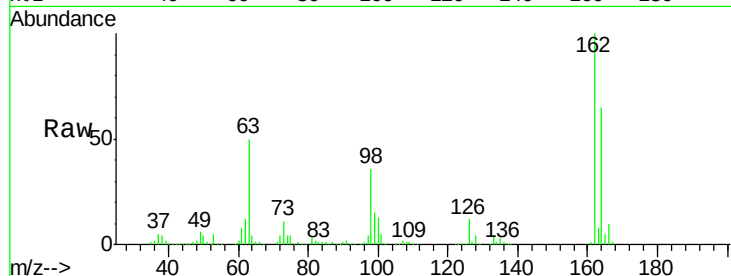
#29
2,4-Dichlorophenol
Concen: 49.28 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	44.6	84.6
98	35.9	14.8	54.8

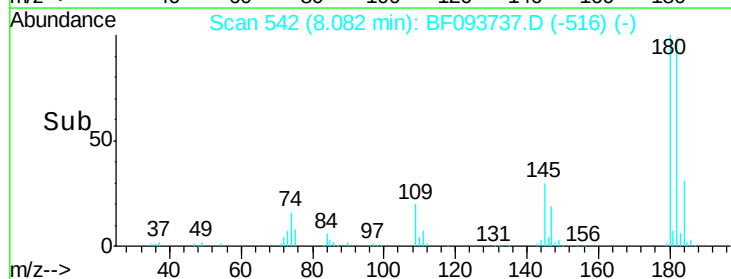
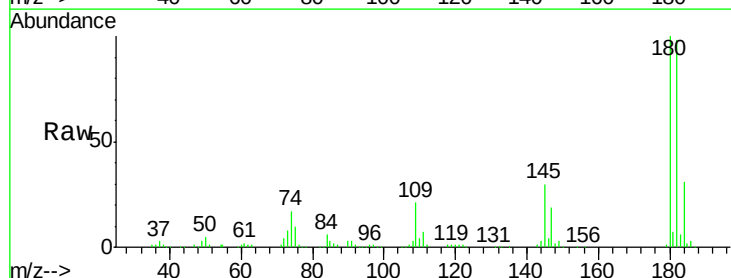
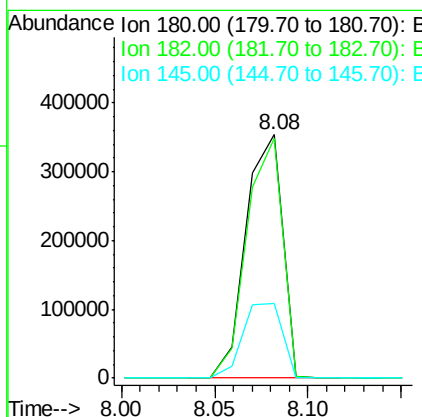
Manual Integrations
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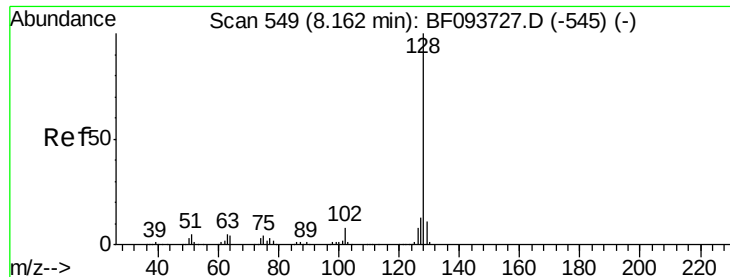
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#30
1,2,4-Trichlorobenzene
Concen: 45.93 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.3	75.8	113.6
145	30.5	25.3	37.9





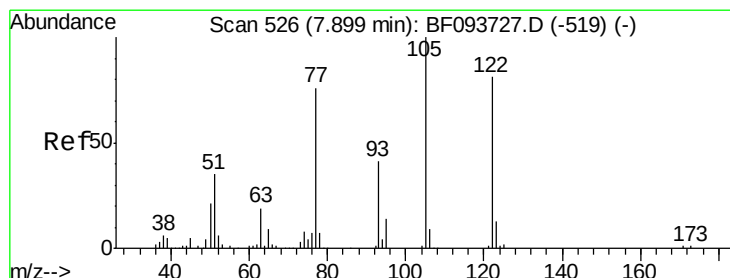
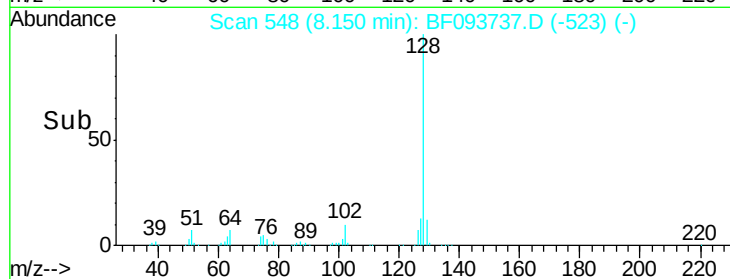
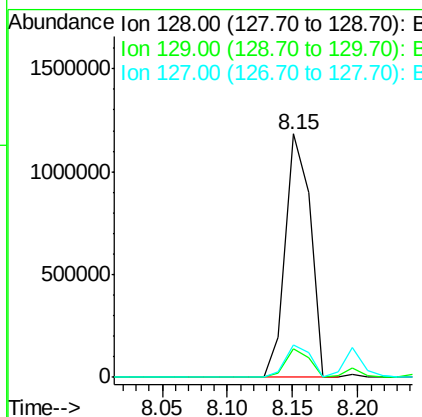
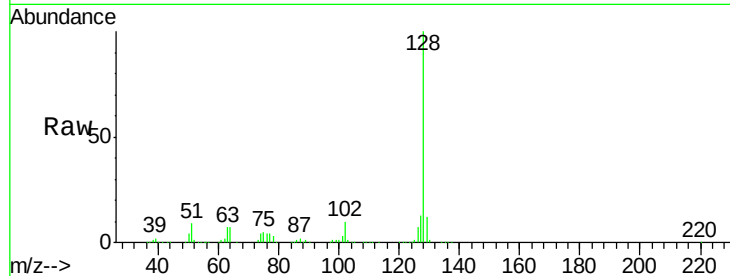
#31
Naphthalene
Concen: 42.95 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.5	10.8	16.2

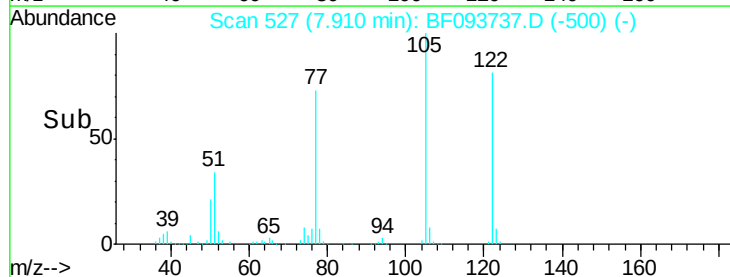
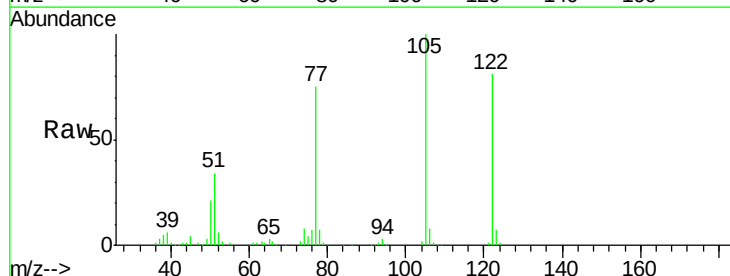
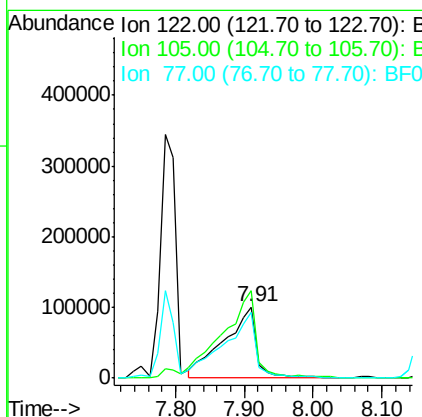
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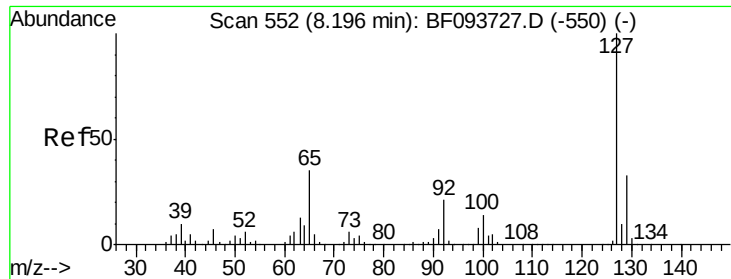
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#32
Benzoic acid
Concen: 46.07 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	103.3	143.3
77	92.8	73.7	113.7





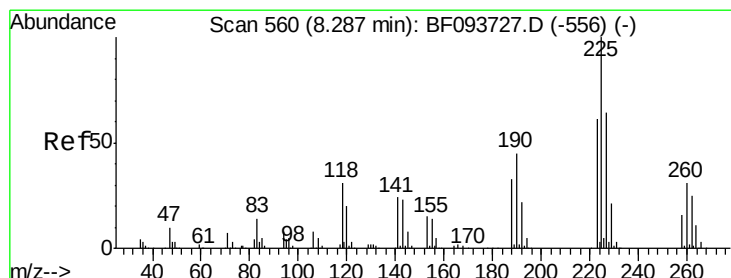
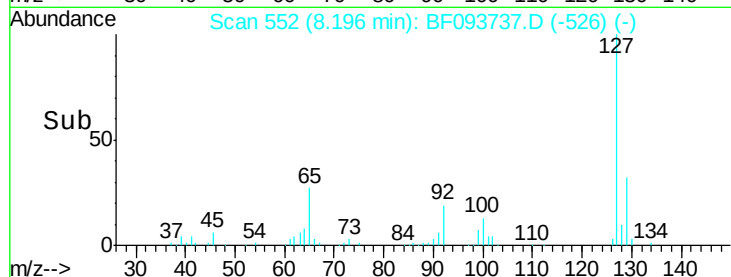
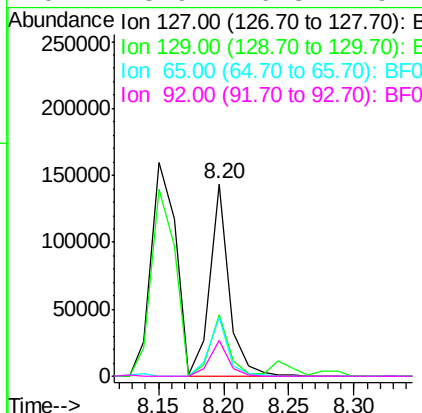
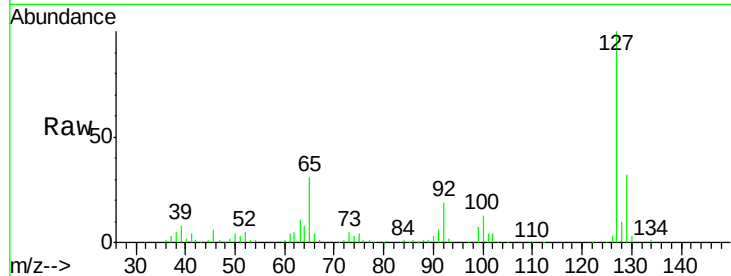
#33
4-Chloroaniline
Concen: 9.66 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	147602		
129	32.3	26.2	39.2	
65	30.8	27.8	41.8	
92	18.9	16.8	25.2	

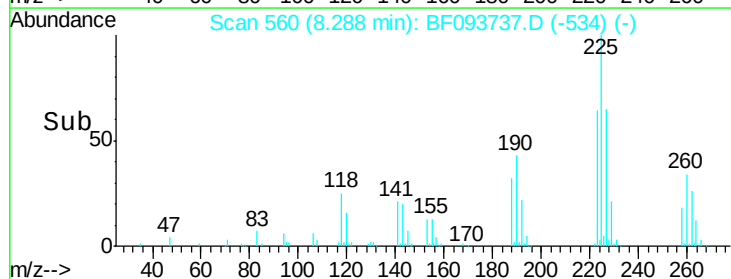
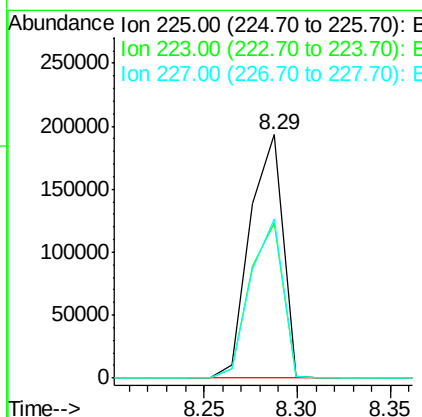
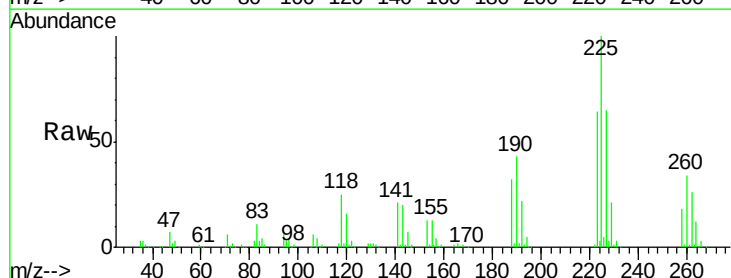
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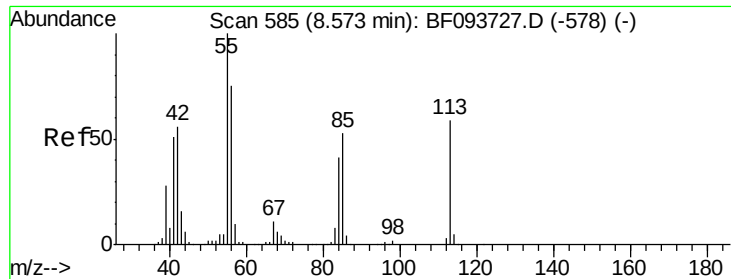
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#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 8.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	236036		
223	63.5	48.8	73.2	
227	65.2	51.1	76.7	





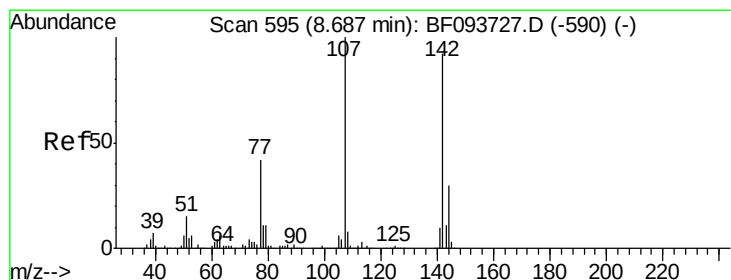
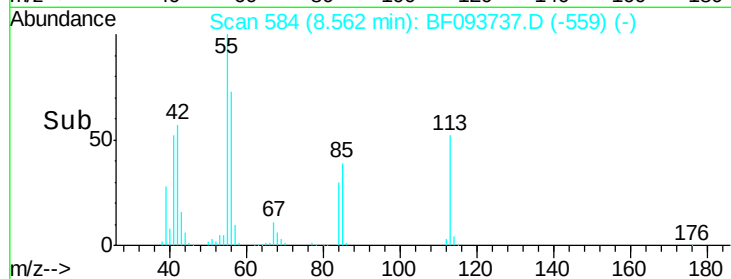
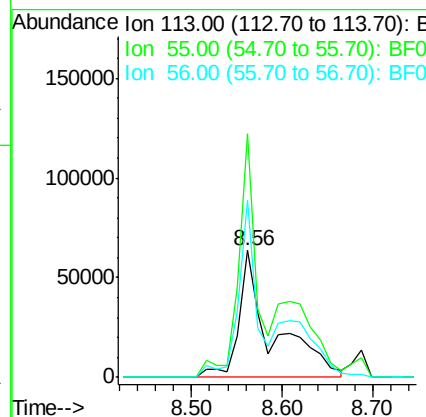
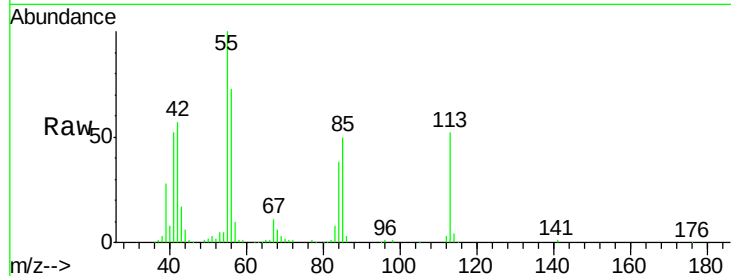
#35
 Caprolactam
 Concen: 48.40 ng m
 RT: 8.56 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion:113 Resp: 162941
 Ion Ratio Lower Upper
 113 100
 55 192.1 150.2 190.2#
 56 140.2 107.8 147.8

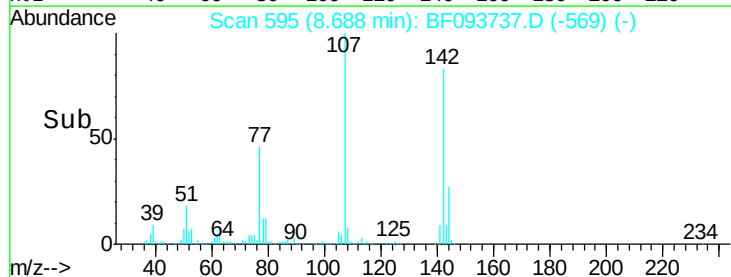
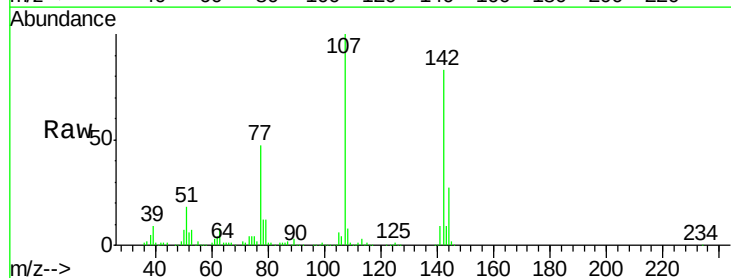
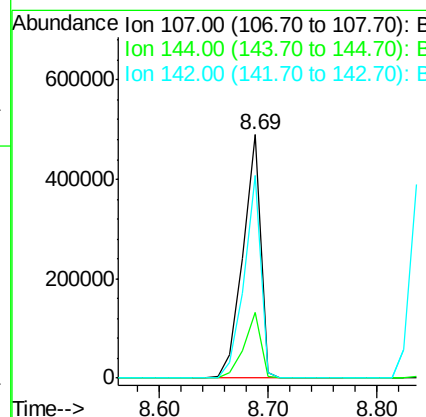
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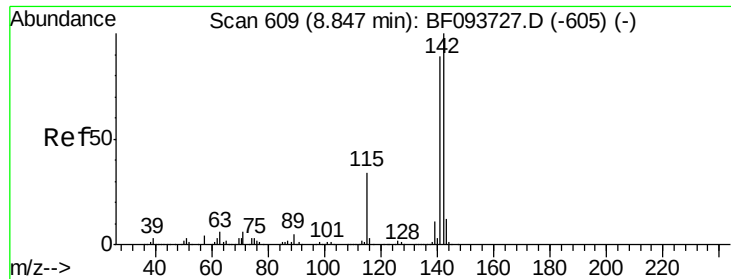
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#36
 4-Chloro-3-methylphenol
 Concen: 51.59 ng
 RT: 8.69 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:107 Resp: 544805
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 83.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 47.06 ng

RT: 8.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

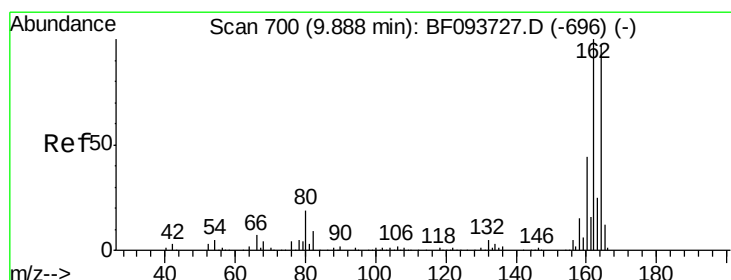
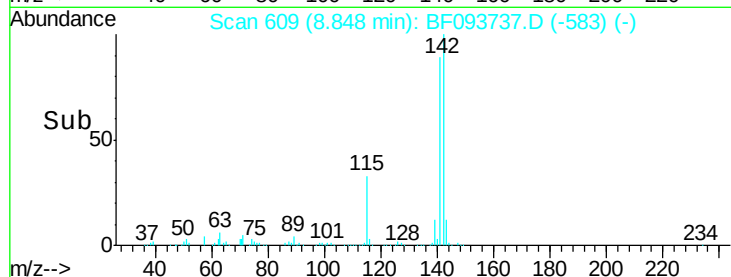
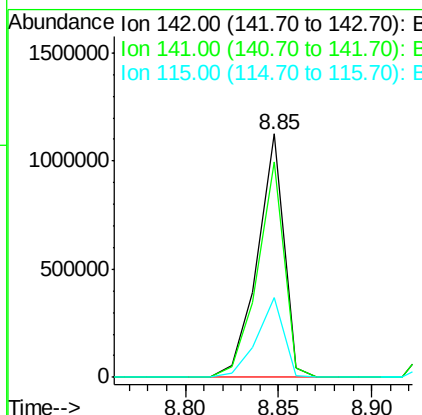
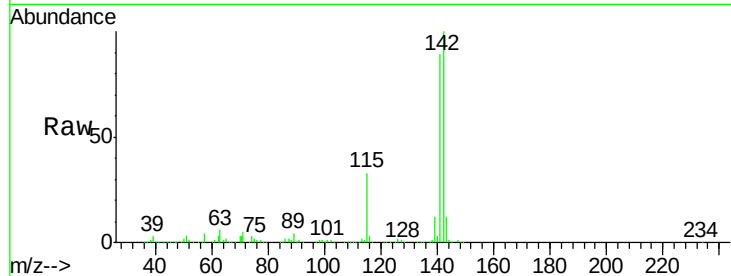
ClientSampled :

PB97625BS

Tgt Ion:	142	Resp:	1111593
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.3	106.9
115	32.7	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

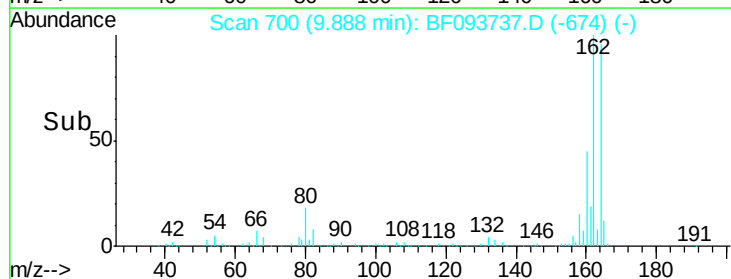
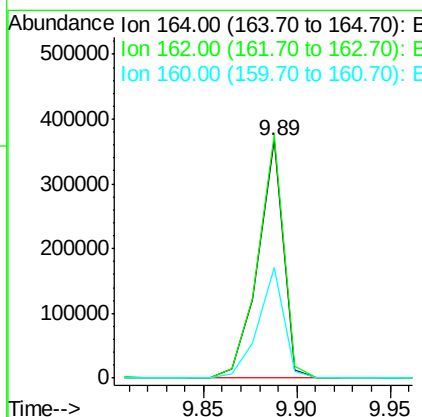
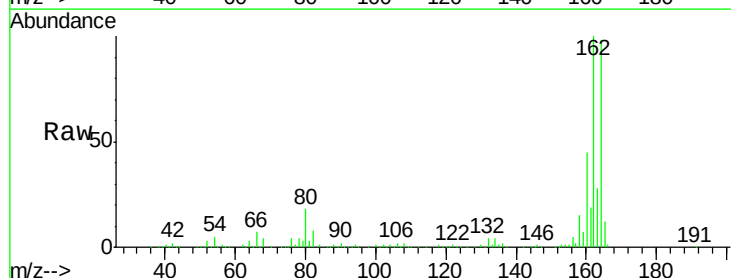
RT: 9.89 min Scan# 700

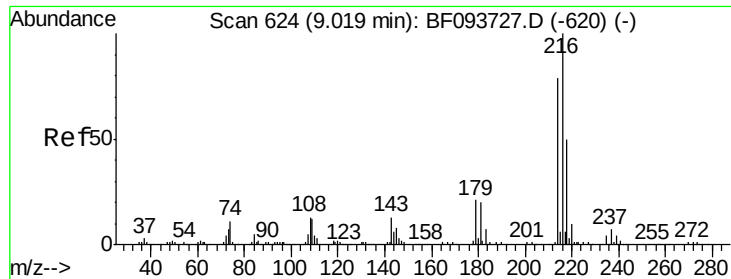
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	164	Resp:	354331
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.6	123.8
160	46.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.73 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

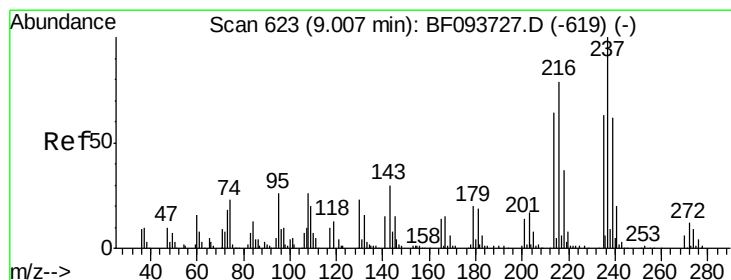
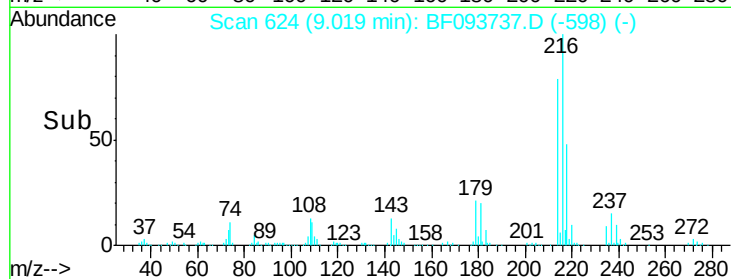
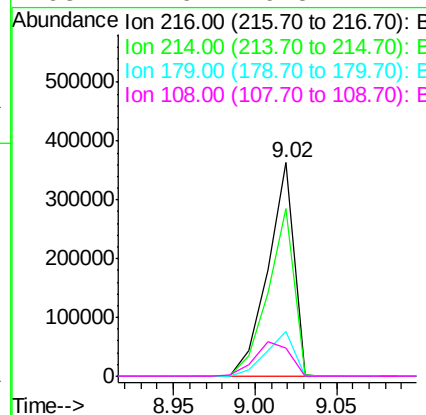
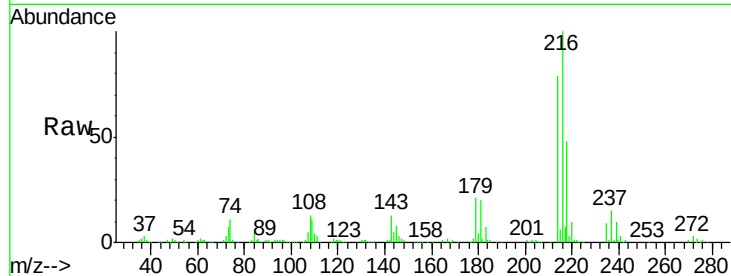
ClientSampled :

PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	404288		
214	79.0	63.4	95.2	
179	22.2	17.9	26.9	
108	21.6	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 95.76 ng

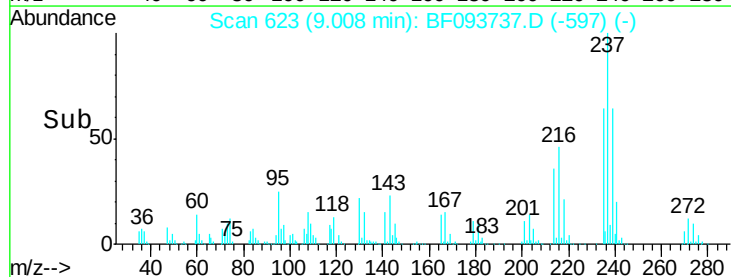
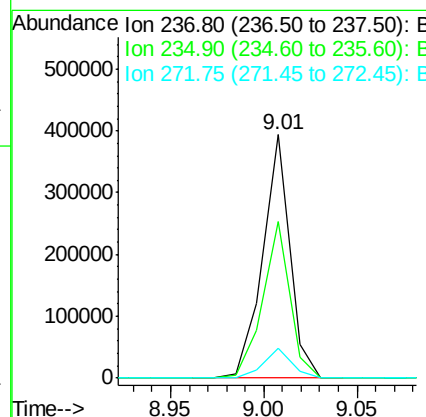
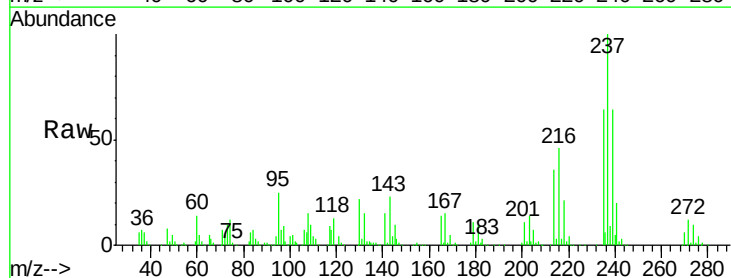
RT: 9.01 min Scan# 623

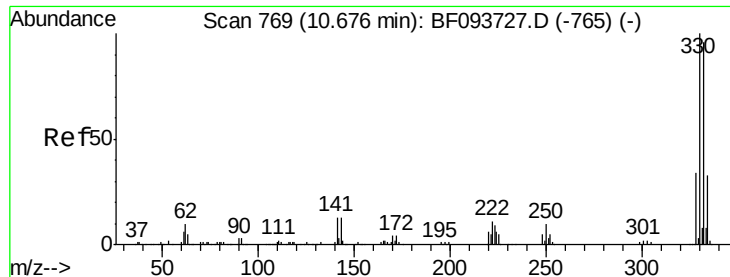
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	396916		
235	64.1	42.6	82.6	
272	12.2	0.0	31.9	





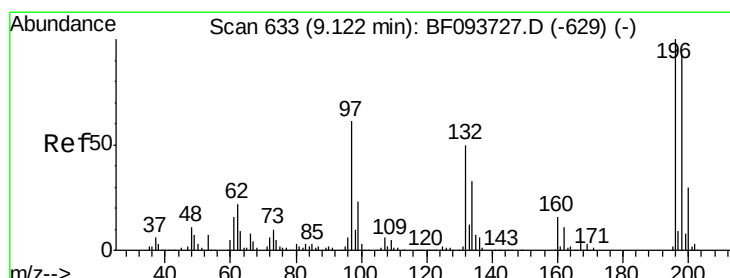
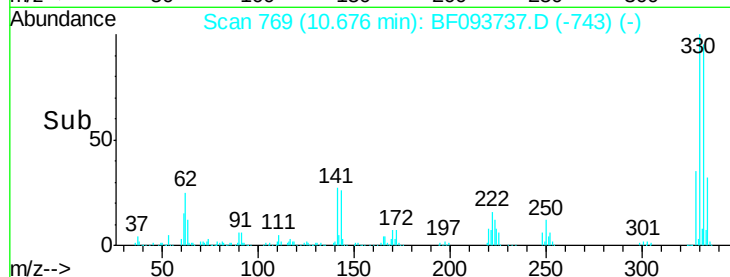
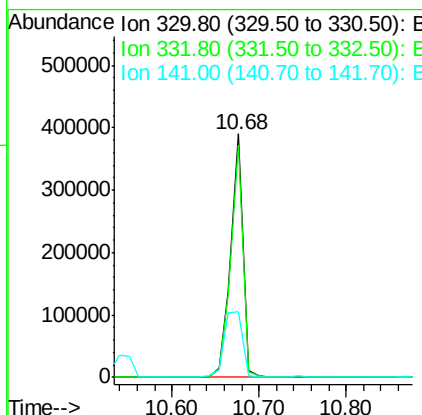
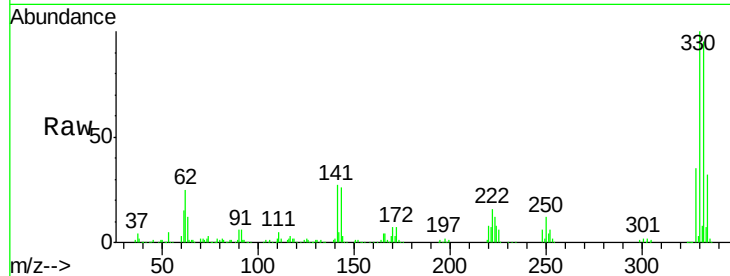
#41
 2,4,6-Tribromophenol
 Concen: 166.23 ng
 RT: 10.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	385494		
332	95.2	76.6	115.0	
141	40.8	31.4	47.2	

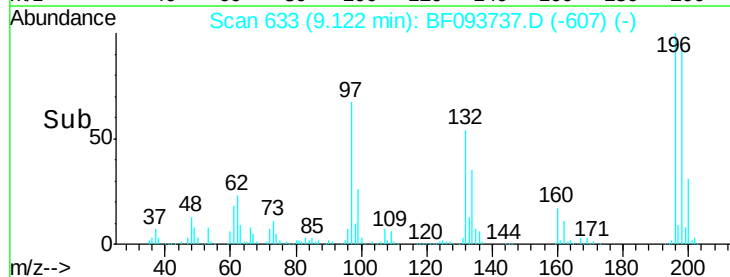
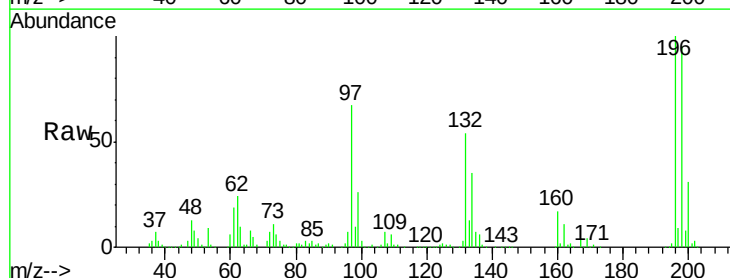
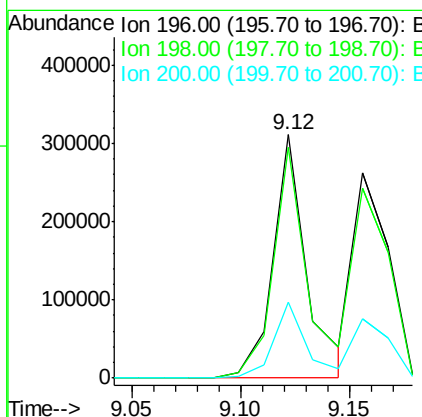
Manual Integrations
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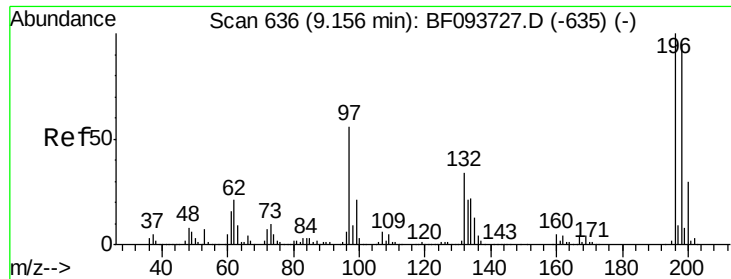
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#42
 2,4,6-Trichlorophenol
 Concen: 54.85 ng
 RT: 9.12 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335569		
198	94.8	74.2	111.4	
200	31.0	24.0	36.0	





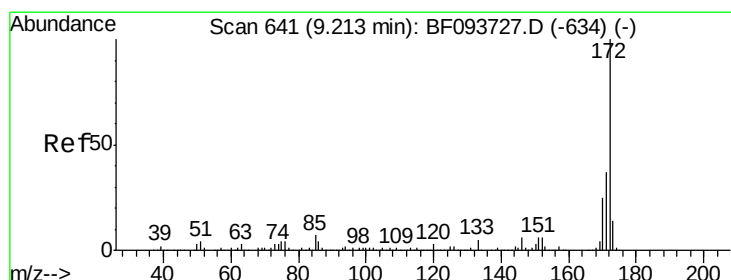
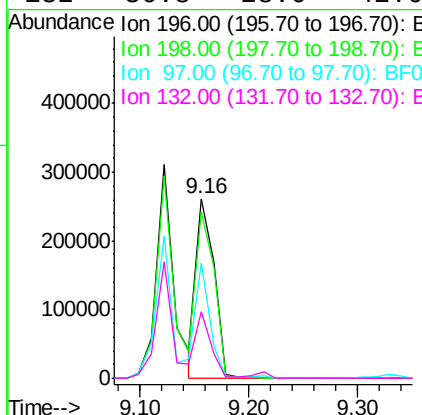
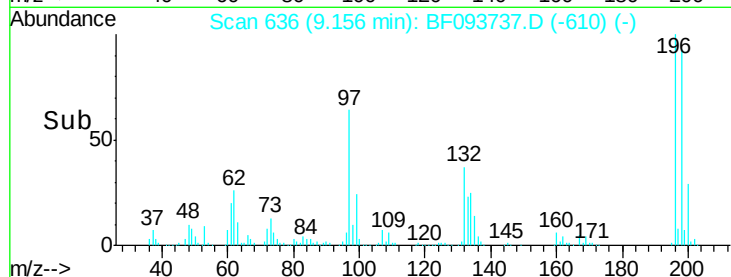
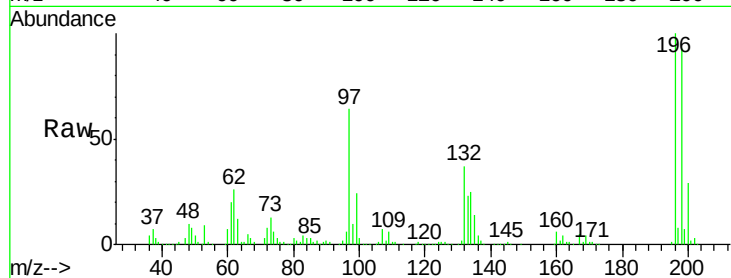
#43
 2,4,5-Trichlorophenol
 Concen: 47.75 ng
 RT: 9.16 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion:	196	Resp:	301183
Ion Ratio	Lower	Upper	
196	100		
198	92.9	75.7	113.5
97	64.2	47.7	71.5
132	36.8	28.0	42.0

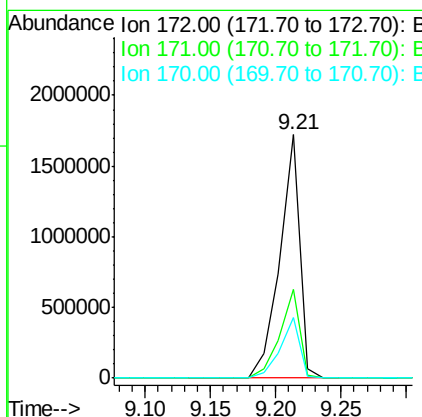
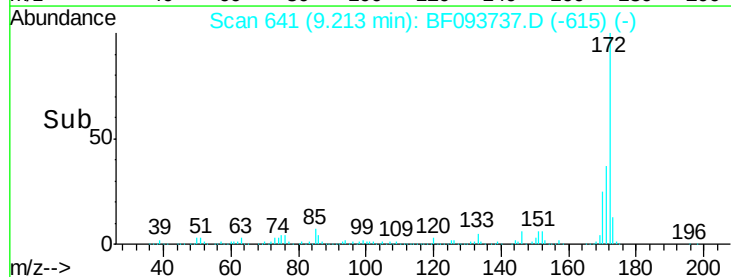
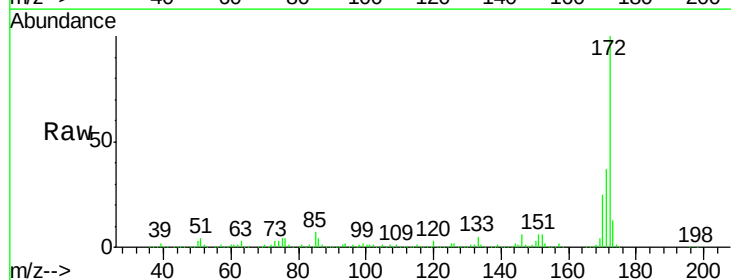
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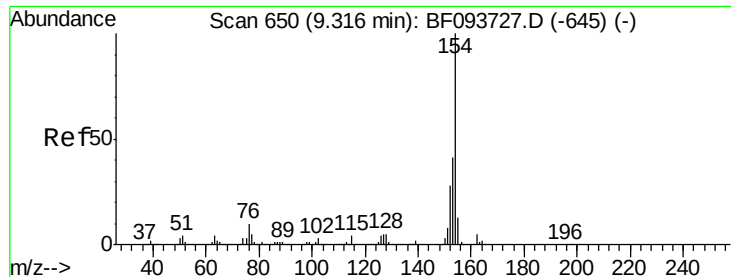
mohammad
 3/20/2017 12:59:36 PM



#44
 2-Fluorobiphenyl
 Concen: 99.08 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:	172	Resp:	1860418
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.8	19.8	29.8





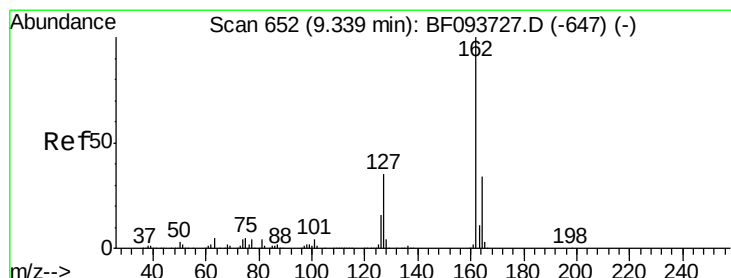
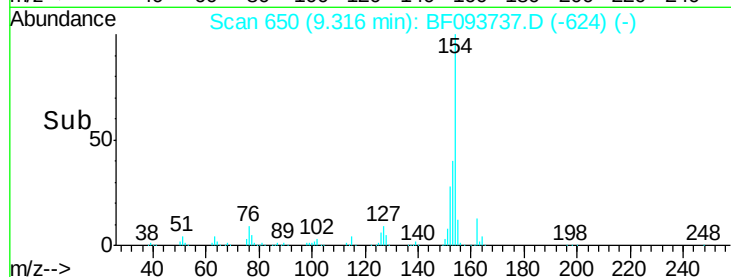
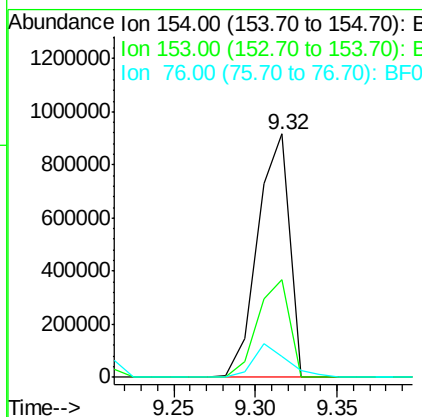
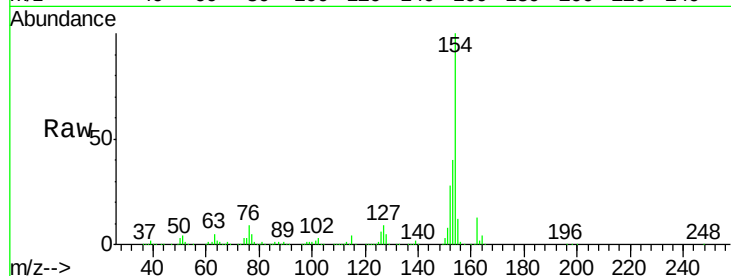
#45
 1,1'-Biphenyl
 Concen: 49.67 ng
 RT: 9.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	8.8	0.0	29.9

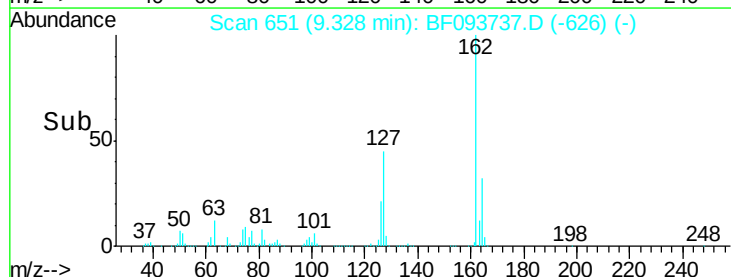
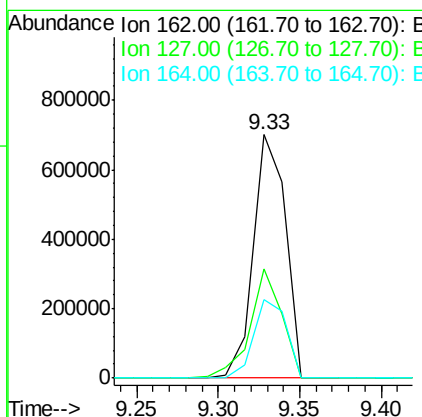
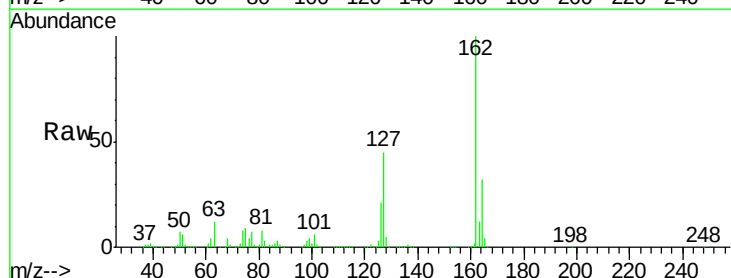
Manual Integrations
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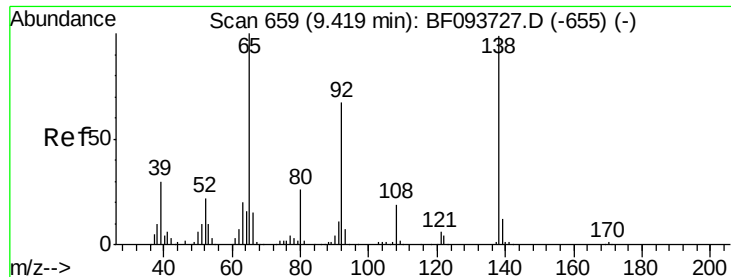
mohammad
 3/20/2017 12:59:36 PM



#46
 2-Chloronaphthalene
 Concen: 48.06 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.8	28.3	42.5#
164	32.3	27.0	40.4





#47

2-Nitroaniline

Concen: 46.99 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

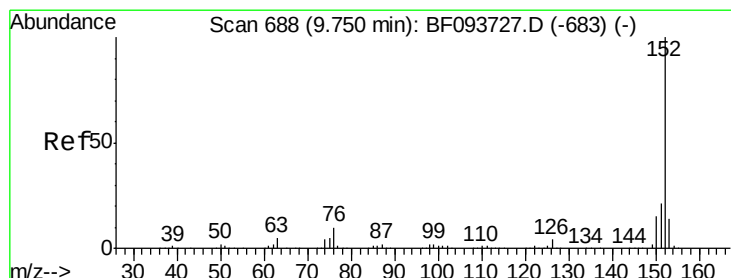
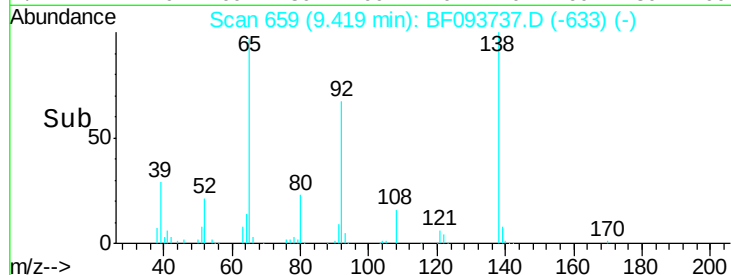
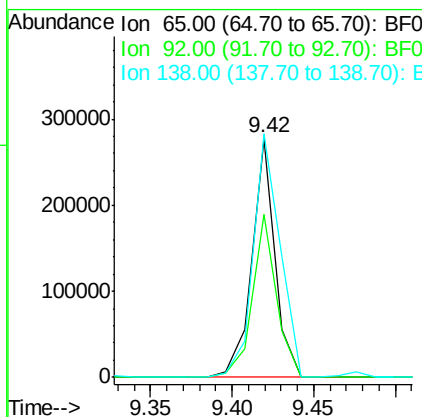
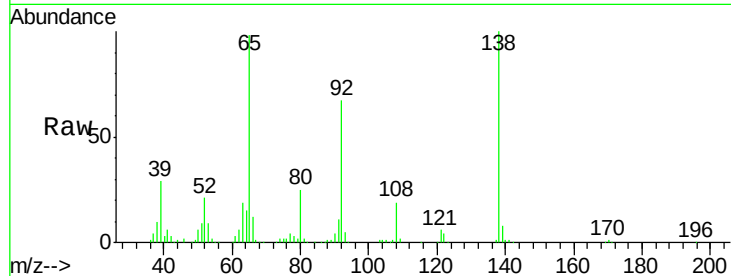
ClientSampleId :

PB97625BS

Tgt Ion:	65	Resp:	271021
Ion Ratio	Lower	Upper	
65	100		
92	68.0	53.9	80.9
138	101.8	78.8	118.2

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#48

Acenaphthylene

Concen: 51.00 ng

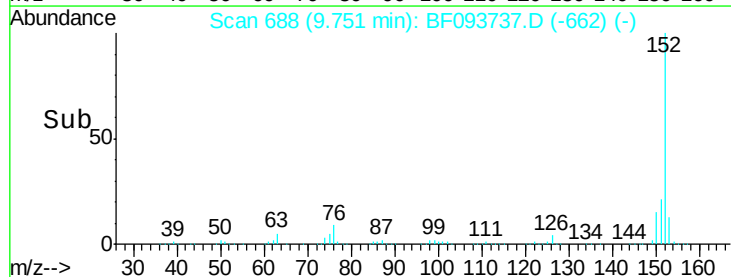
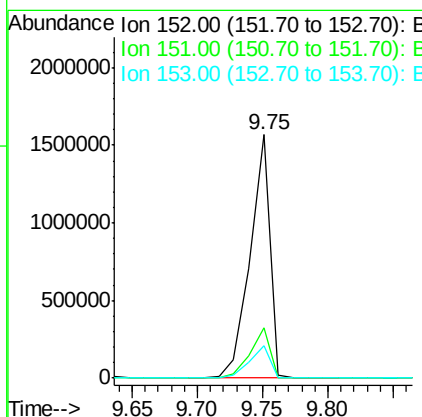
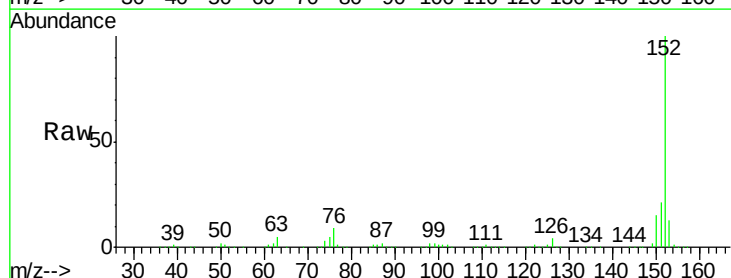
RT: 9.75 min Scan# 688

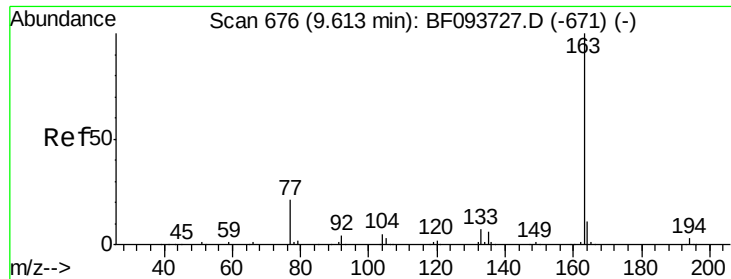
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	152	Resp:	1657916
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.4	10.8	16.2





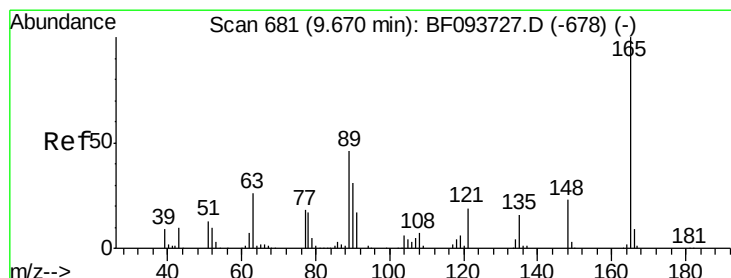
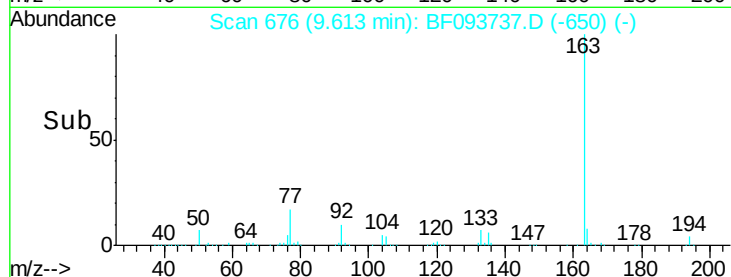
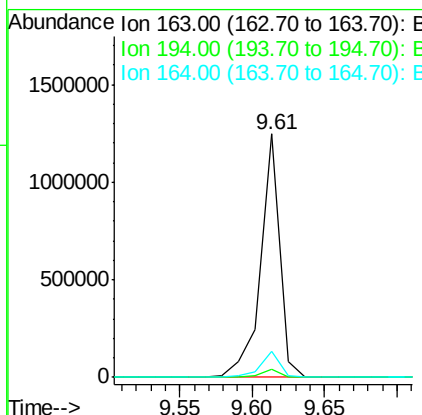
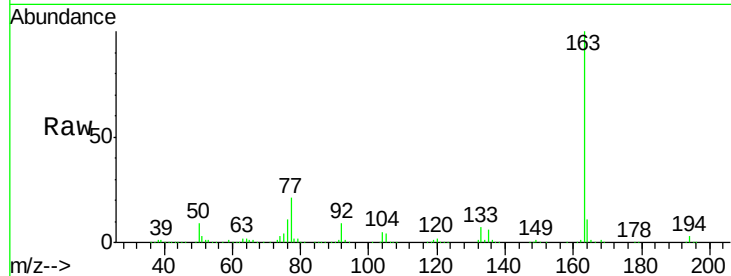
#49
Dimethylphthalate
Concen: 49.12 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.5	8.4	12.6

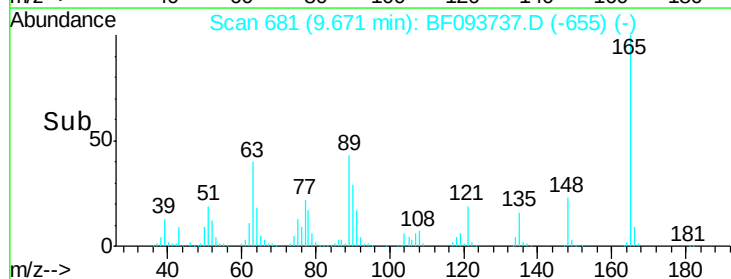
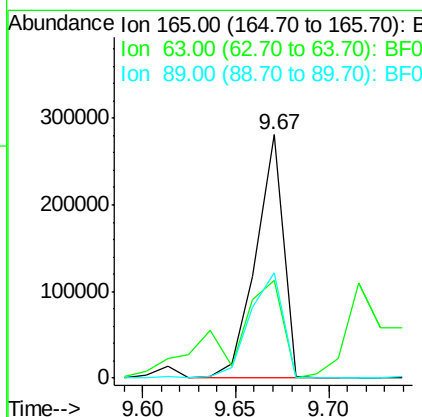
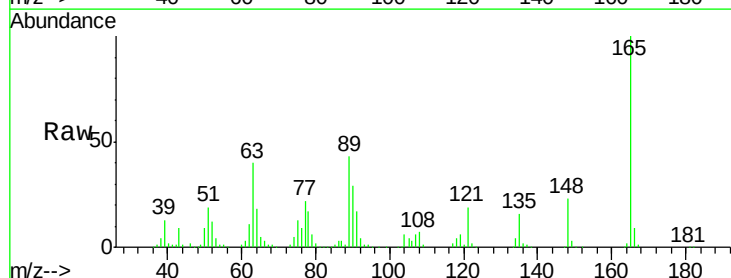
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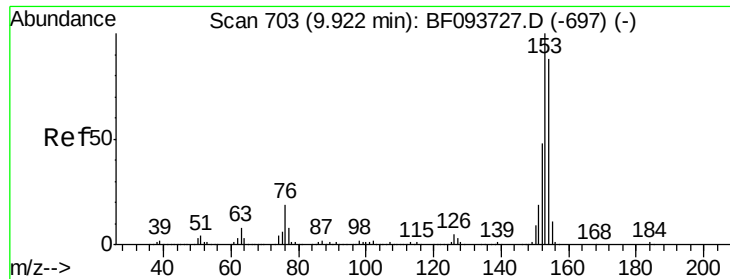
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#50
2,6-Dinitrotoluene
Concen: 57.45 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	34.3	51.5
89	43.4	37.1	55.7





#51

Acenaphthene

Concen: 55.61 ng

RT: 9.92 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

Tgt Ion:154 Resp: 1065409

Ion Ratio Lower Upper

154 100

153 110.6 90.5 135.7

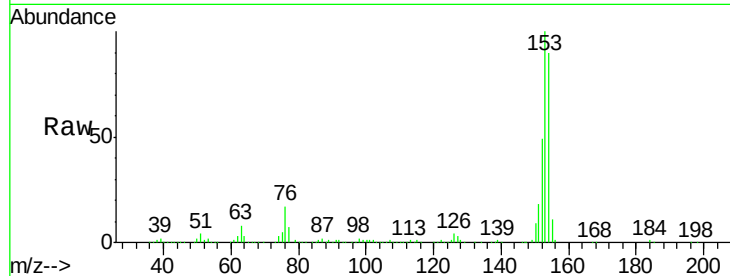
152 53.8 43.6 65.4

Manual Integrations

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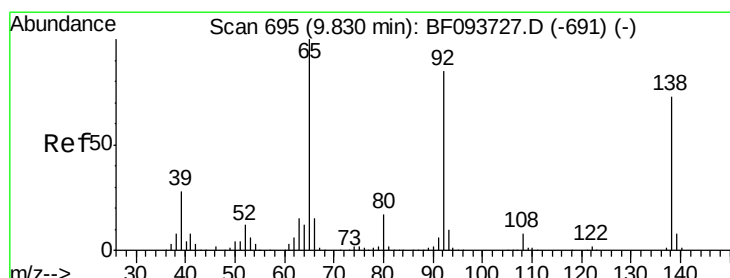
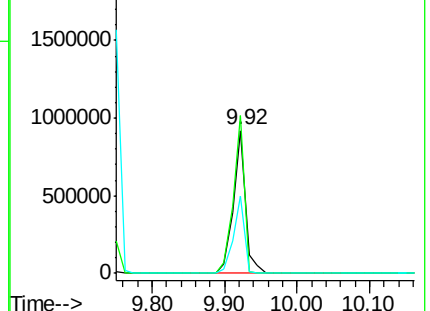
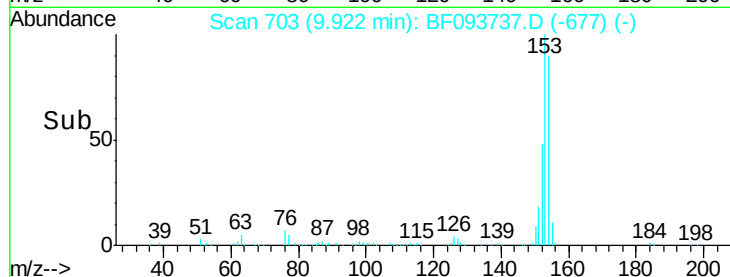
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.46 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

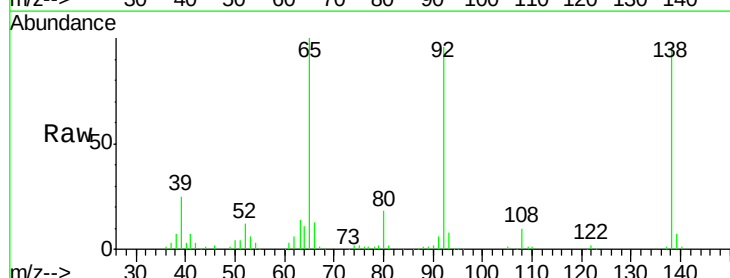
Tgt Ion:138 Resp: 133219

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

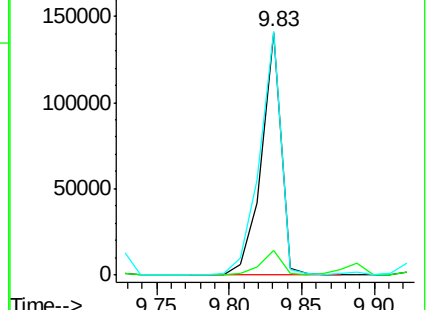
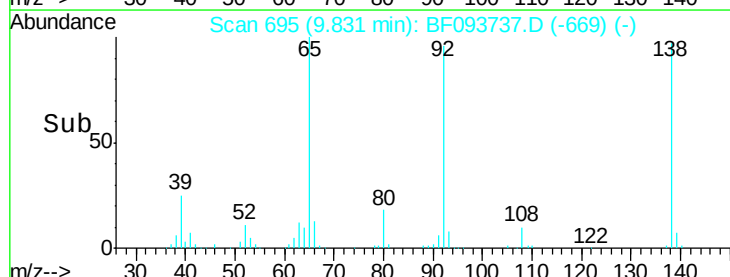
92 100.3 93.8 140.6

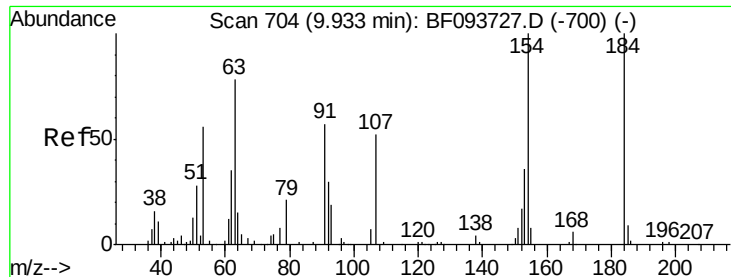


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





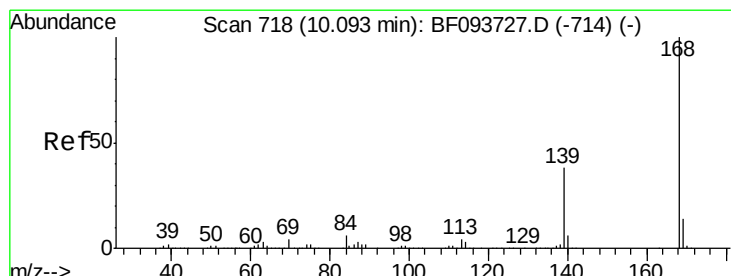
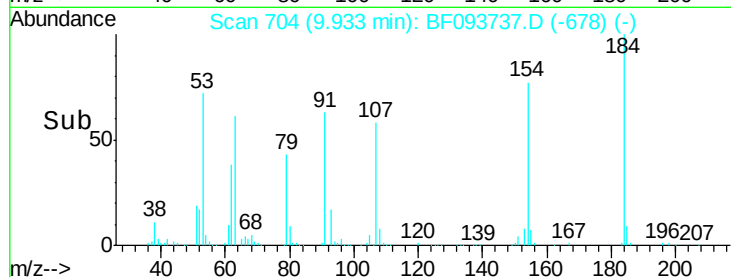
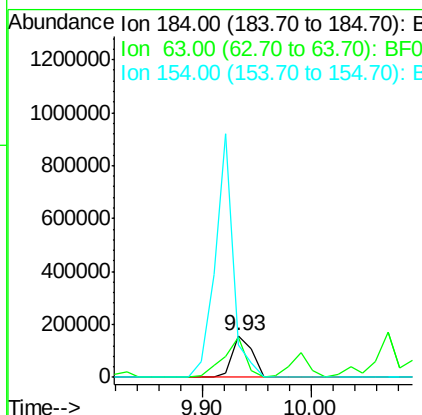
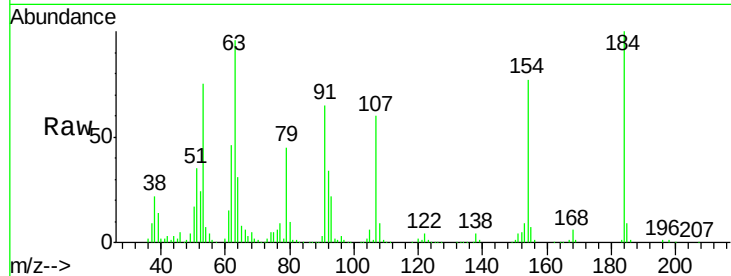
#53
 2,4-Dinitrophenol
 Concen: 87.20 ng
 RT: 9.93 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.0	62.7	94.1#
154	77.0	81.1	121.7#

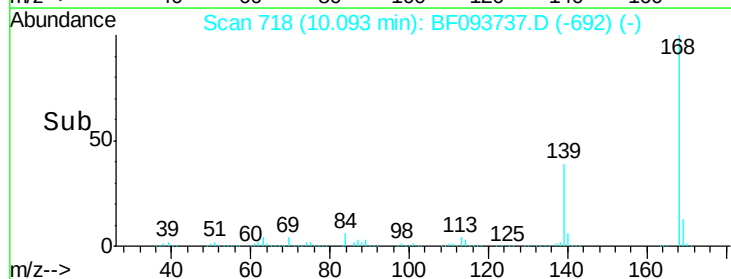
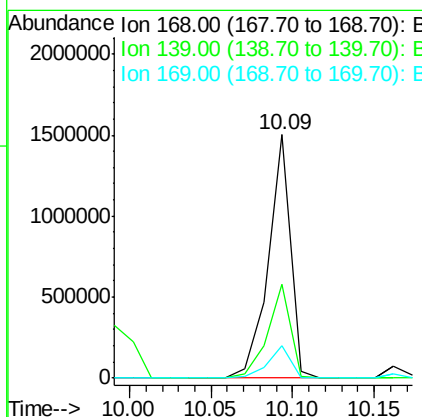
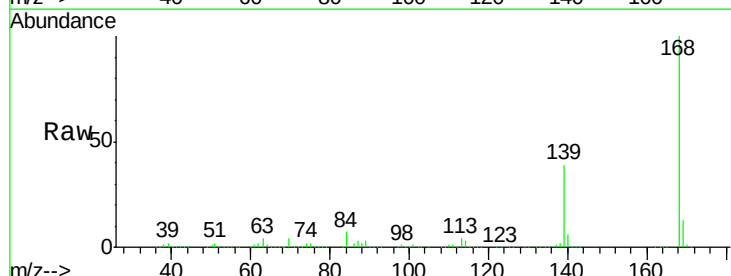
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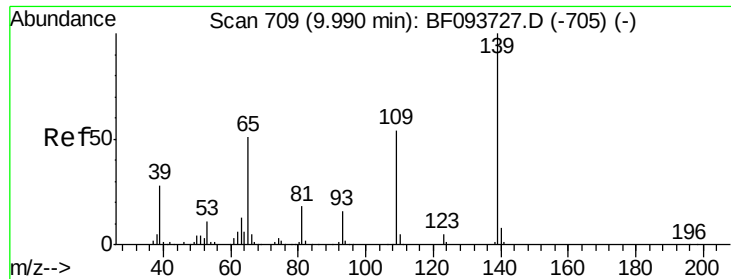
mohammad
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#54
 Dibenzofuran
 Concen: 54.67 ng
 RT: 10.09 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	45.8
169	13.5	10.8	16.2





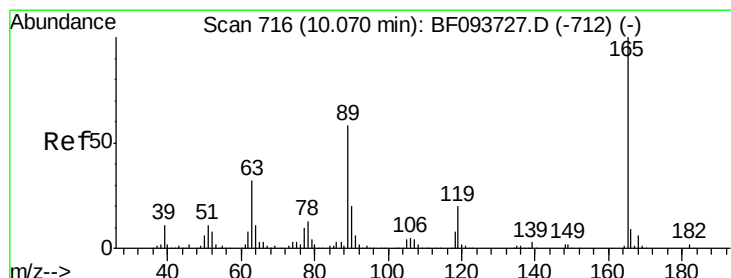
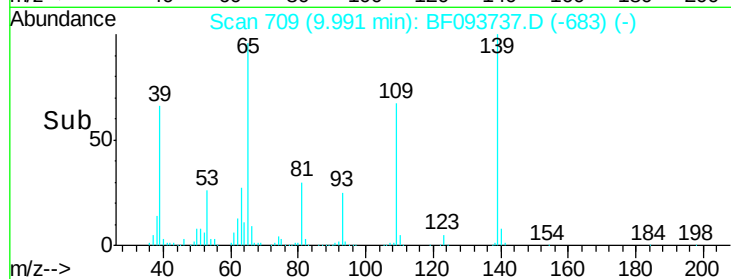
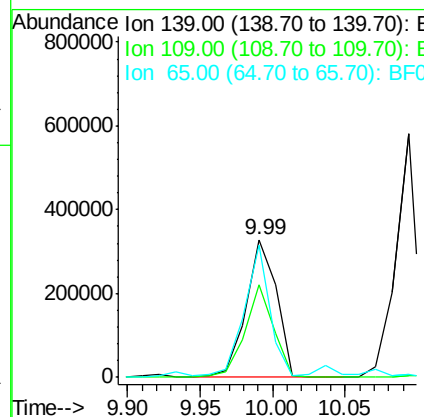
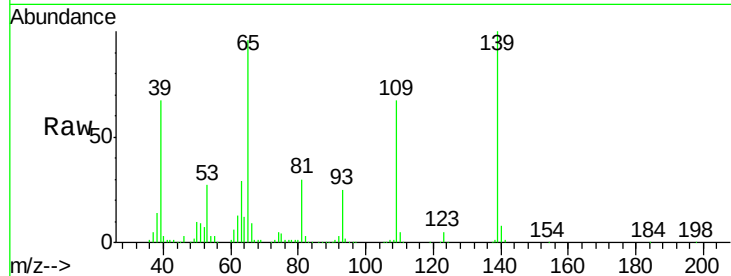
#55
4-Nitrophenol
Concen: 106.81 ng
RT: 9.99 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	477947		
109	66.9	34.1	74.1	
65	95.9	31.4	71.4#	

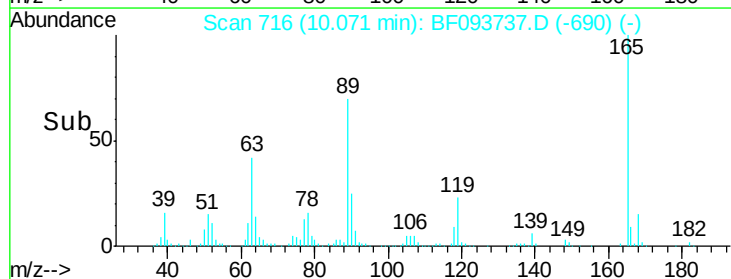
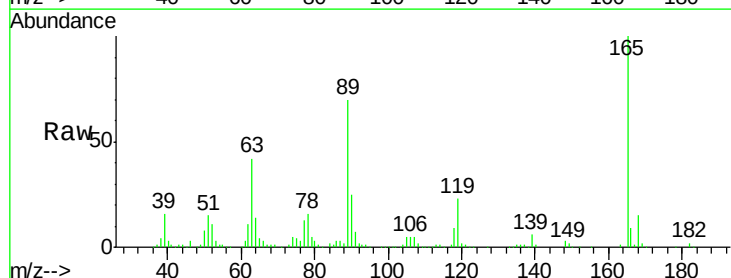
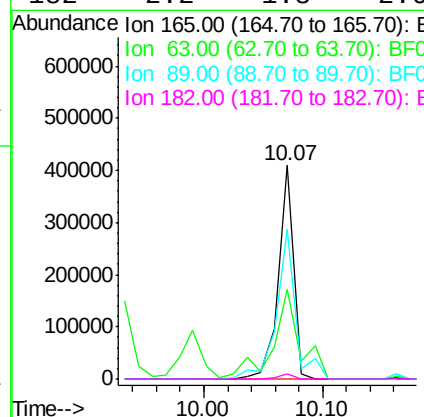
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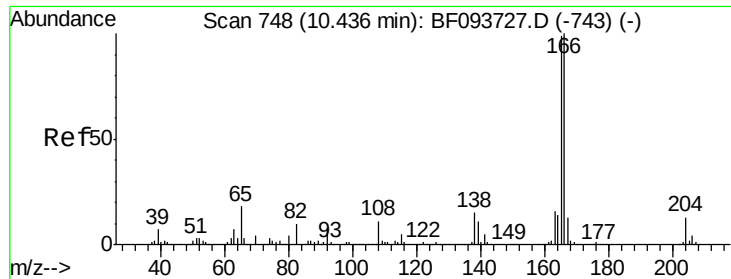
mohammad
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#56
2,4-Dinitrotoluene
Concen: 54.97 ng
RT: 10.07 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	365810		
63	41.8	25.4	38.0#	
89	70.1	46.4	69.6#	
182	2.2	1.8	2.6	





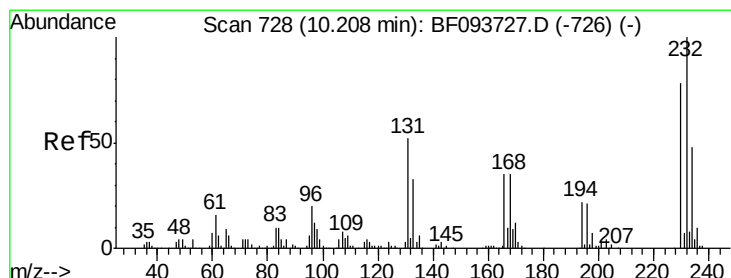
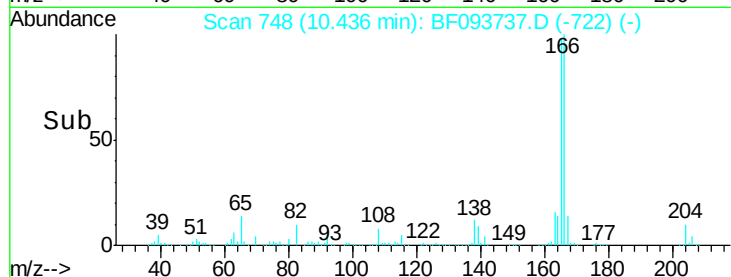
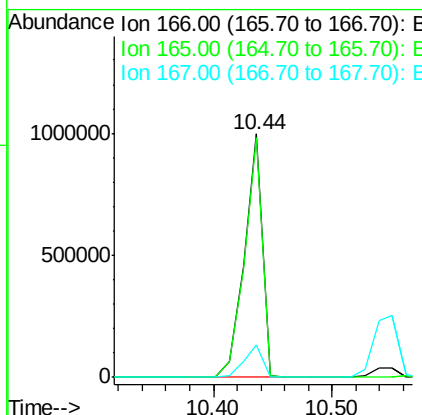
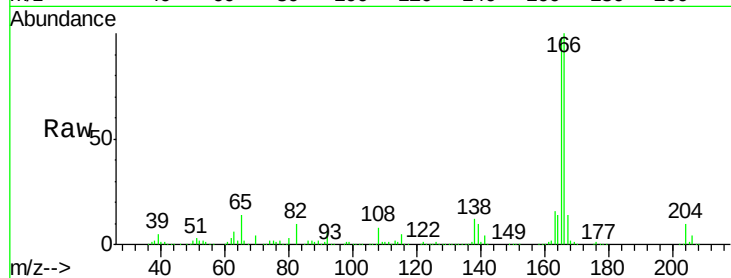
#57
 Fluorene
 Concen: 49.58 ng
 RT: 10.44 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion:166 Resp: 1047598
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 13.5 10.6 16.0

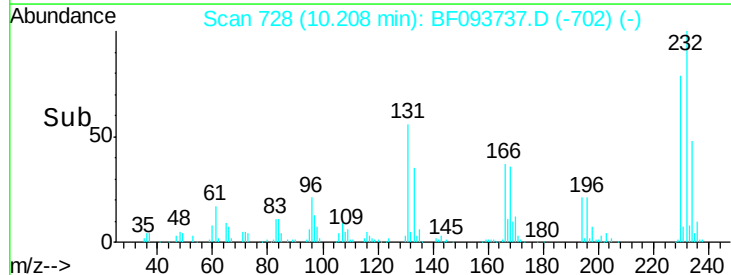
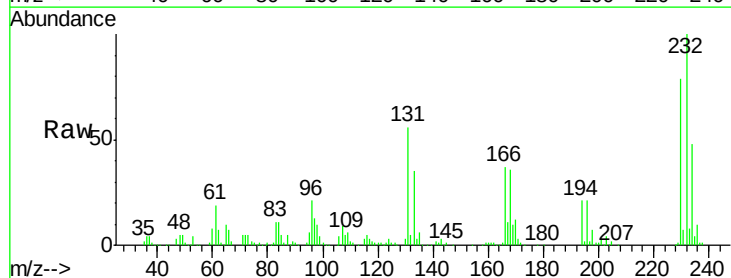
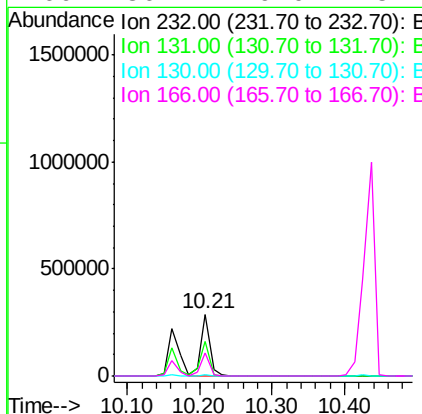
Manual Integrations
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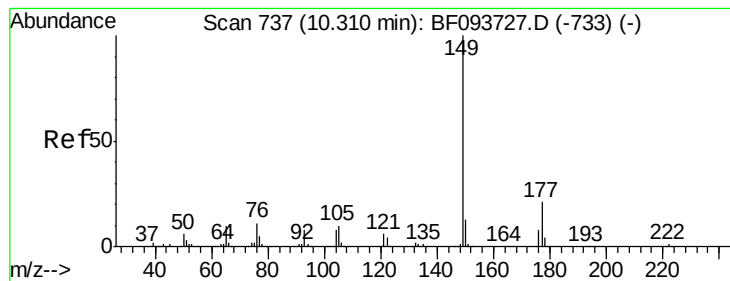
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.22 ng
 RT: 10.21 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:232 Resp: 256885
 Ion Ratio Lower Upper
 232 100
 131 57.0 44.8 67.2
 130 2.6 2.3 3.5
 166 36.1 29.0 43.4





#59

Diethylphthalate

Concen: 50.51 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

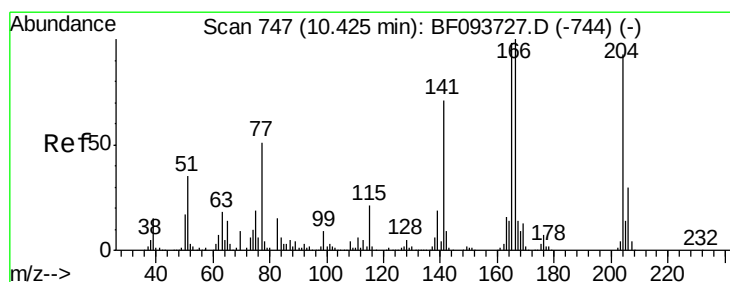
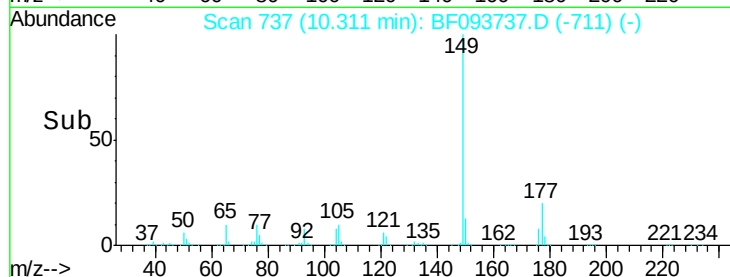
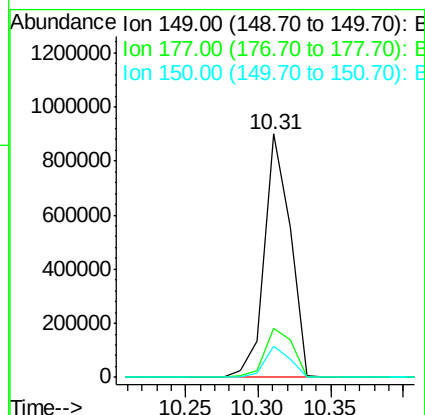
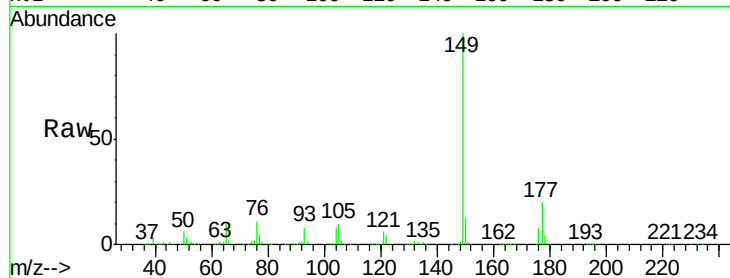
ClientSampleId :

PB97625BS

Tgt Ion:149 Resp: 1112827
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.7 25.1
 150 12.5 10.2 15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 45.77 ng

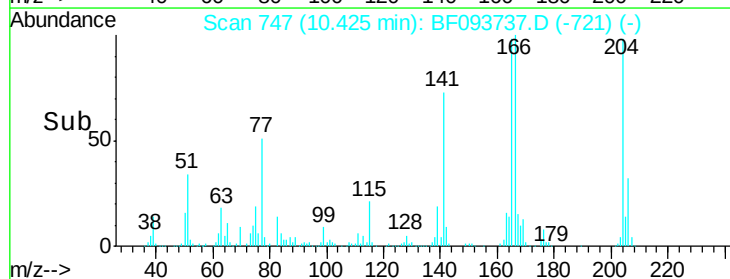
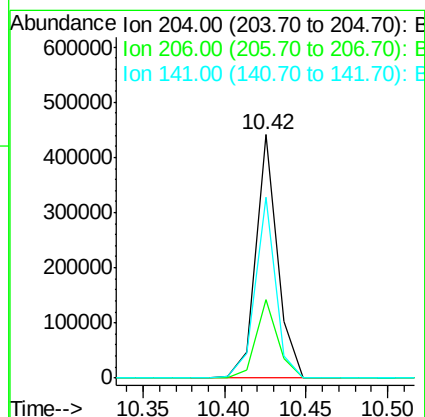
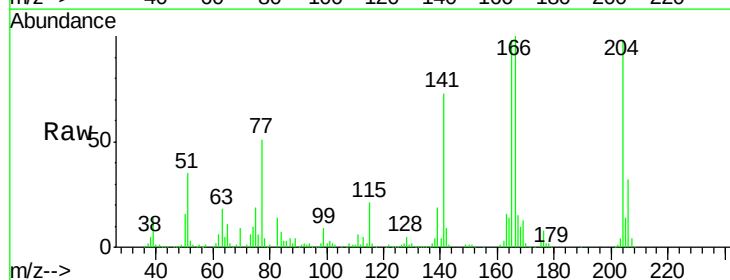
RT: 10.42 min Scan# 747

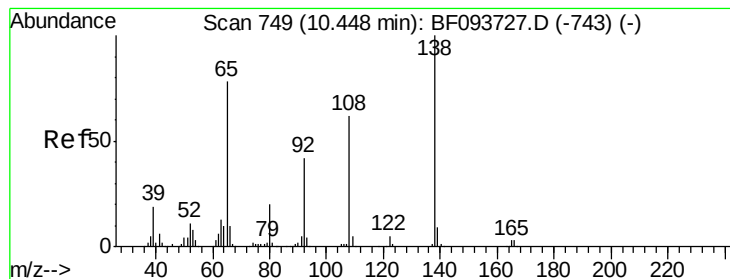
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:204 Resp: 407371
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.2 39.2
 141 74.2 60.8 91.2





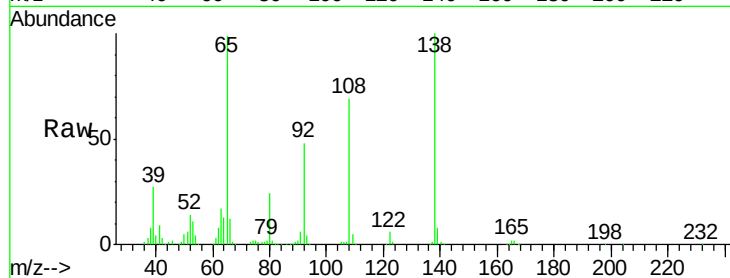
#61
4-Nitroaniline
Concen: 53.30 ng
RT: 10.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

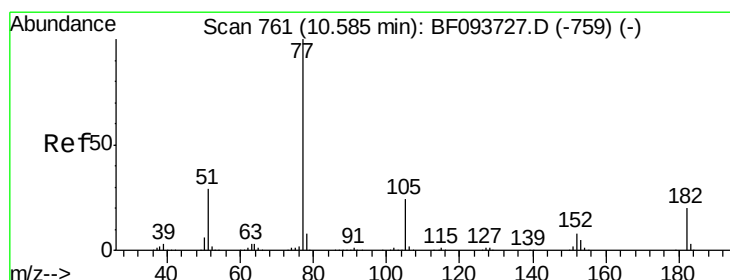
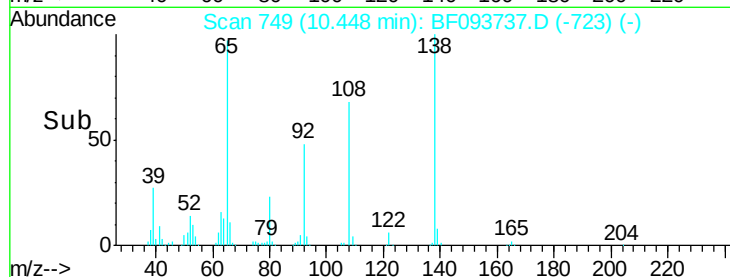
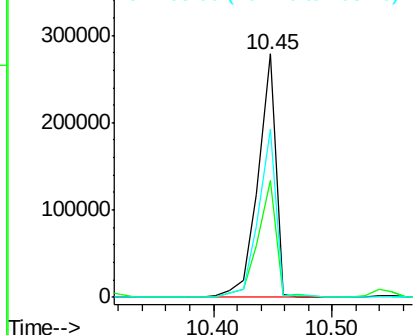
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	294210		
92	48.0	21.8	61.8	
108	68.9	42.3	82.3	

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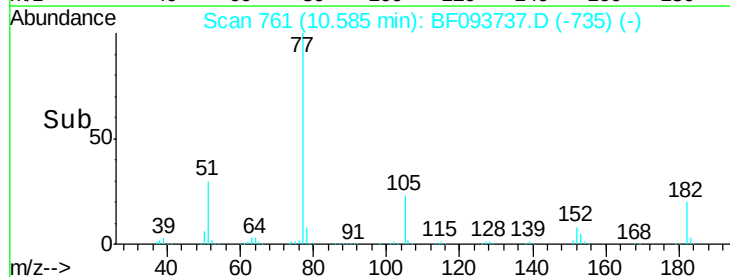
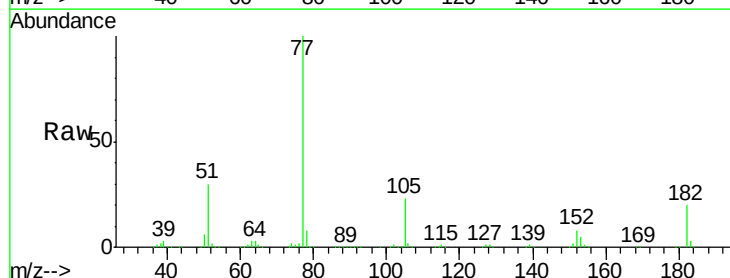
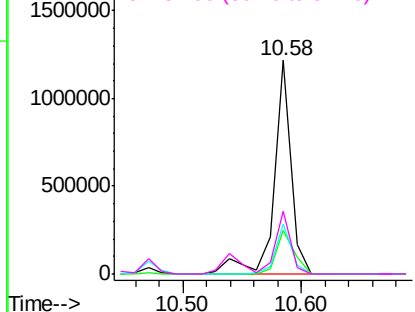
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

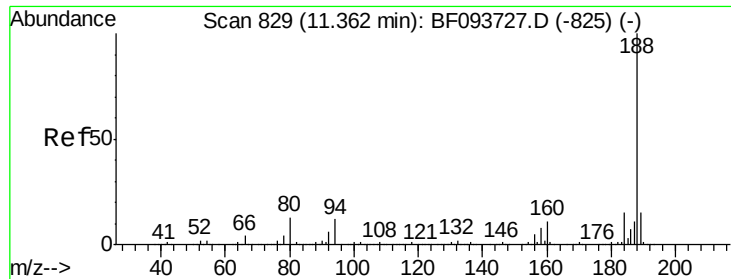


#62
Azobenzene
Concen: 54.81 ng
RT: 10.58 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1219827		
182	20.3	0.1	40.1	
105	23.5	3.6	43.6	
51	29.7	9.4	49.4	

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





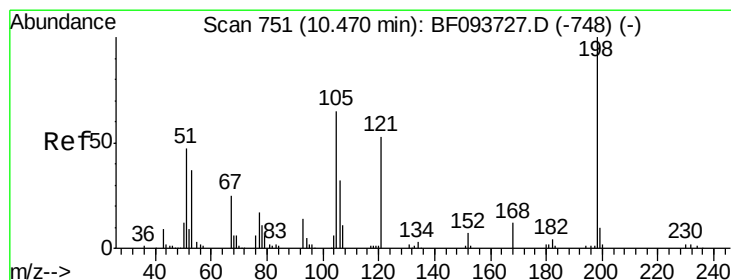
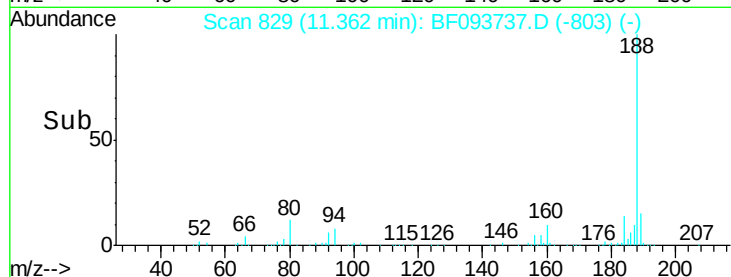
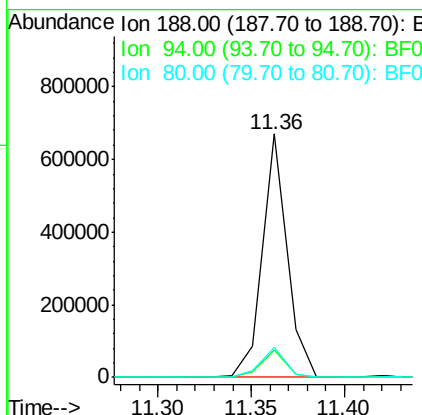
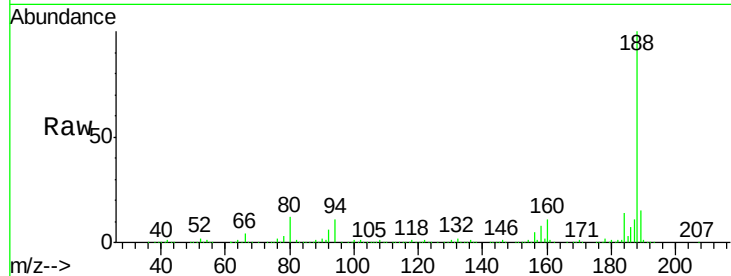
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	9.4	14.2
80	12.1	10.2	15.2

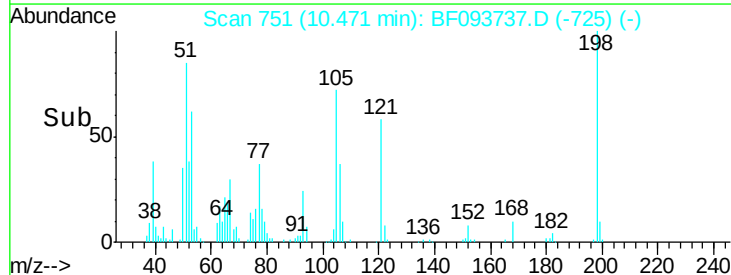
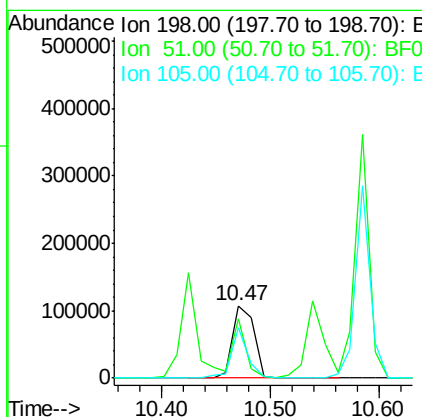
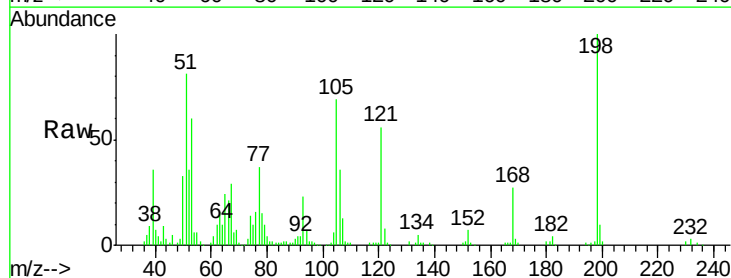
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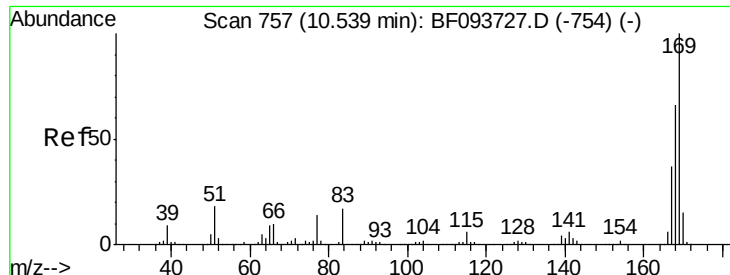
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.73 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	81.0	53.2	93.2
105	69.1	45.8	85.8





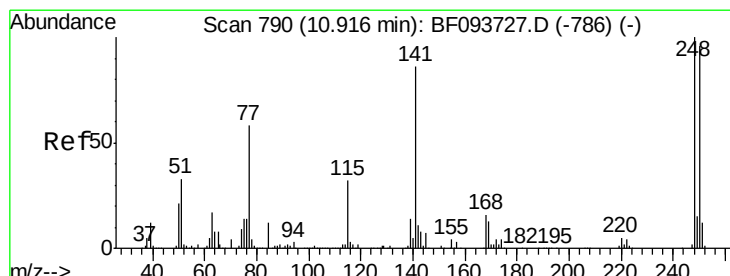
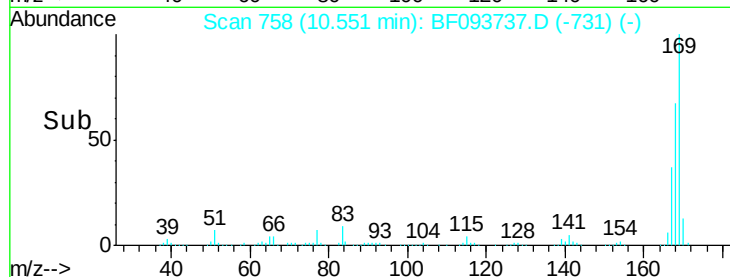
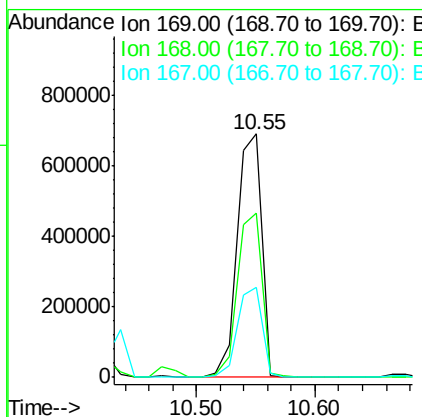
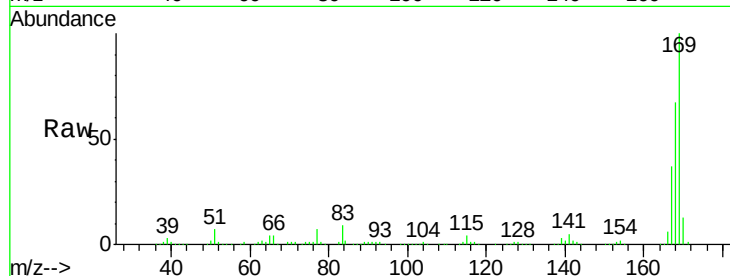
#65
n-Nitrosodiphenylamine
Concen: 47.67 ng
RT: 10.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	988895		
168	67.3	53.2	79.8	
167	36.9	29.5	44.3	

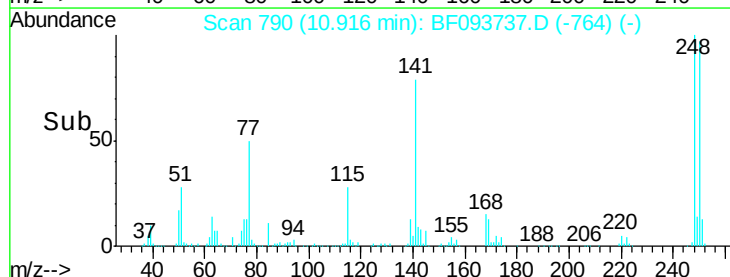
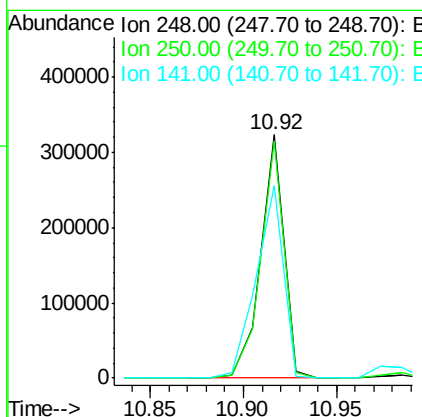
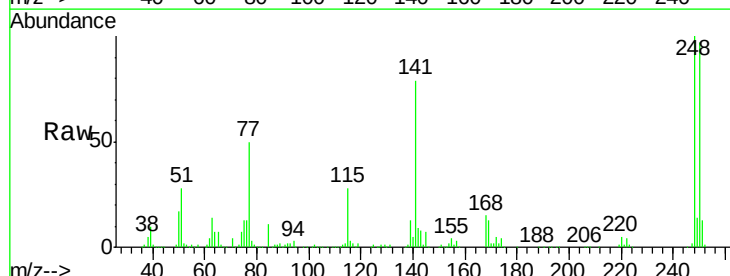
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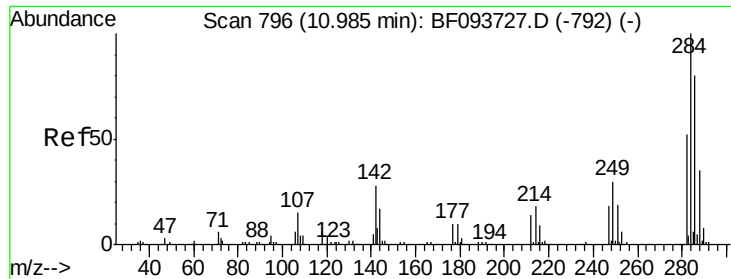
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#66
4-Bromophenyl-phenylether
Concen: 47.69 ng
RT: 10.92 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	277035		
250	97.3	76.8	115.2	
141	79.2	68.6	103.0	





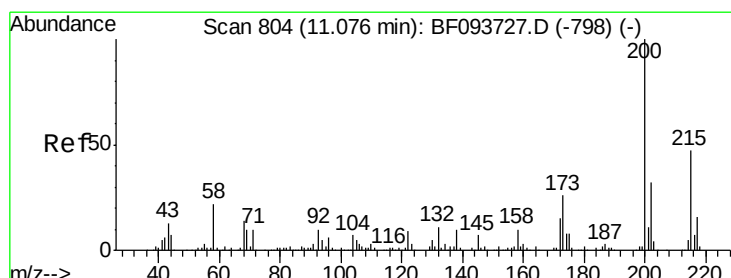
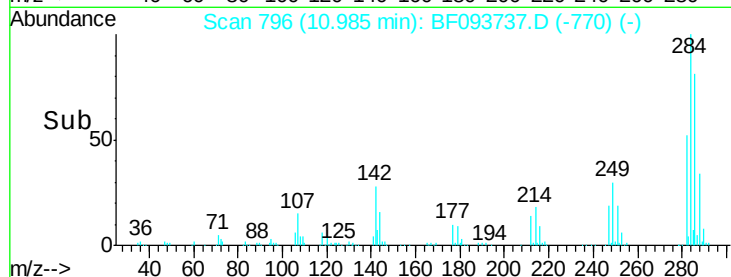
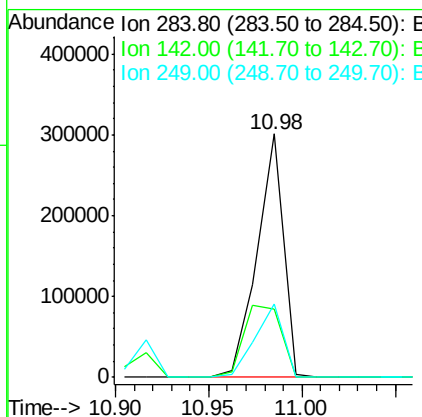
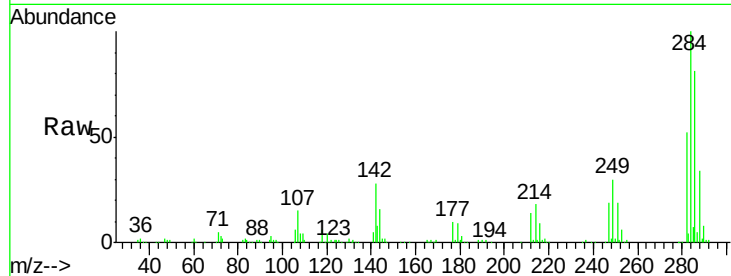
#67
Hexachlorobenzene
Concen: 48.37 ng
RT: 10.98 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.0	22.8	34.2
249	30.1	24.0	36.0

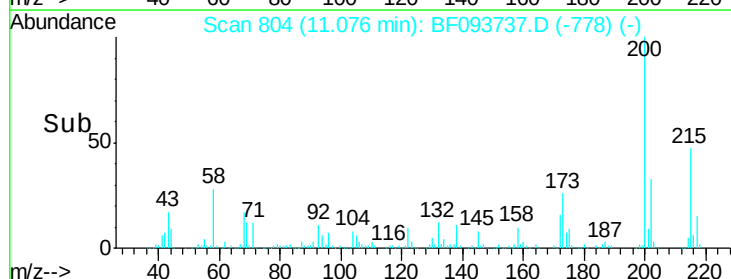
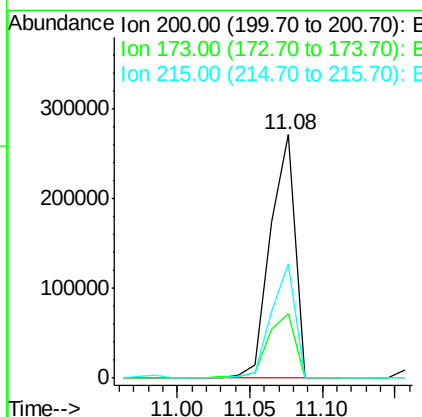
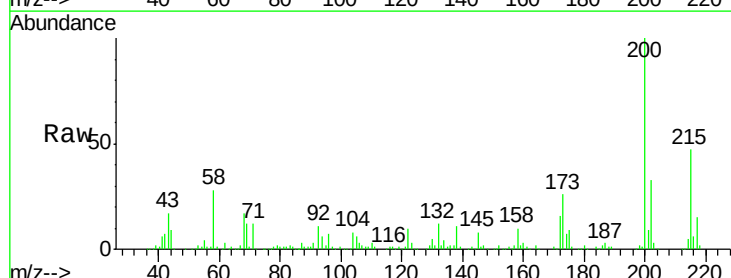
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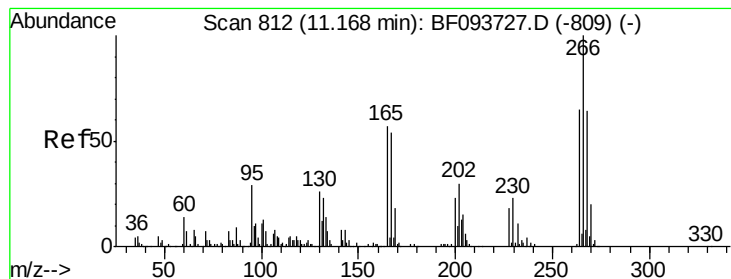
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#68
Atrazine
Concen: 53.41 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.3	46.3
215	47.2	27.2	67.2





#69

Pentachlorophenol

Concen: 89.18 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

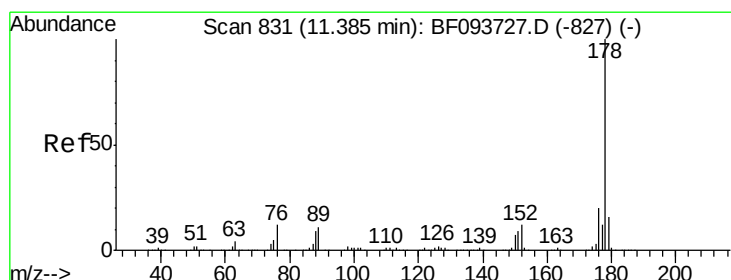
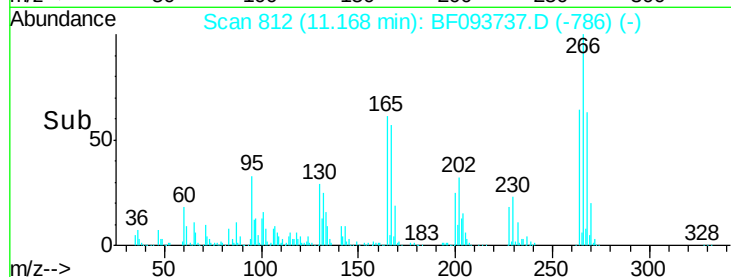
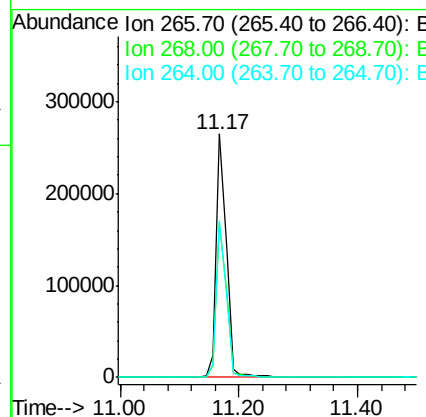
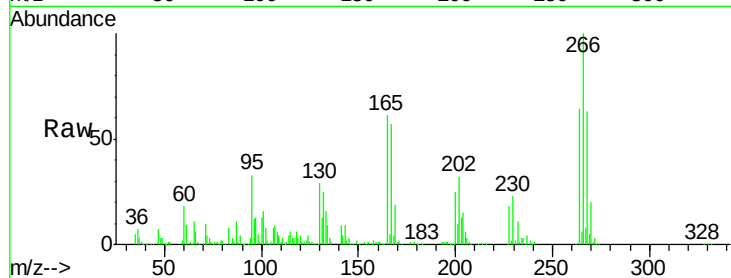
ClientSampleId :

PB97625BS

Tgt Ion:	266	Resp:	310215
Ion Ratio		Lower	Upper
266	100		
268	63.3	51.1	76.7
264	64.3	51.7	77.5

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#70

Phenanthrene

Concen: 41.56 ng

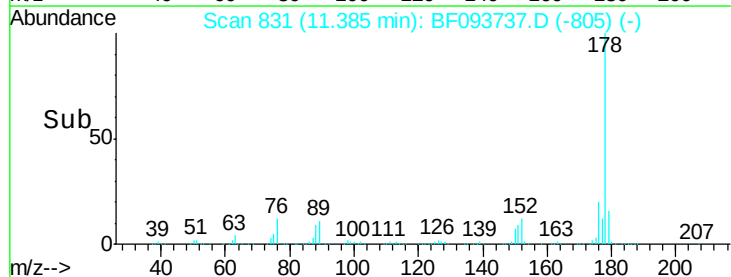
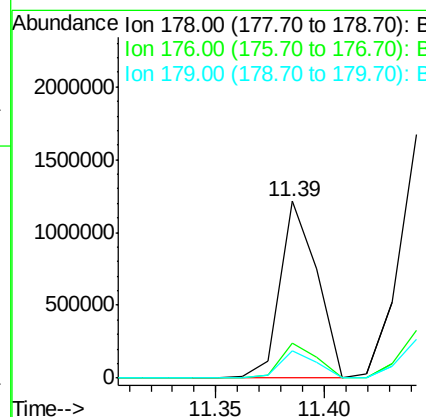
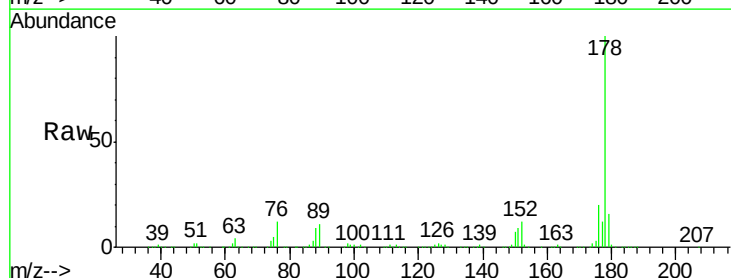
RT: 11.39 min Scan# 831

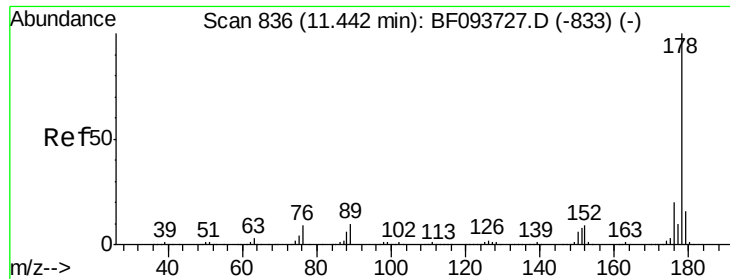
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

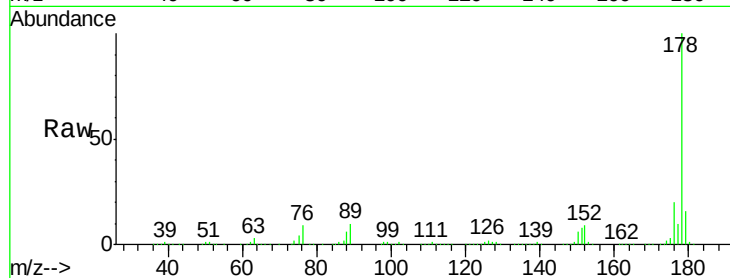
Tgt Ion:	178	Resp:	1443945
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	12.6	19.0





#71
 Anthracene
 Concen: 46.02 ng
 RT: 11.44 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

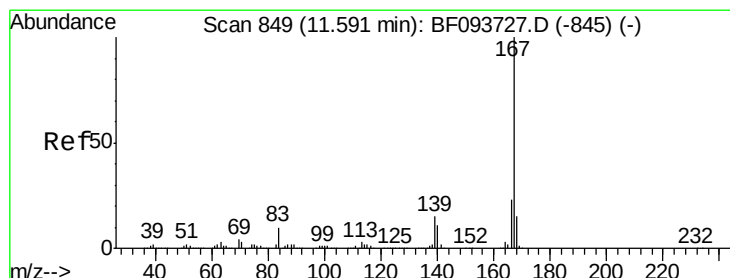
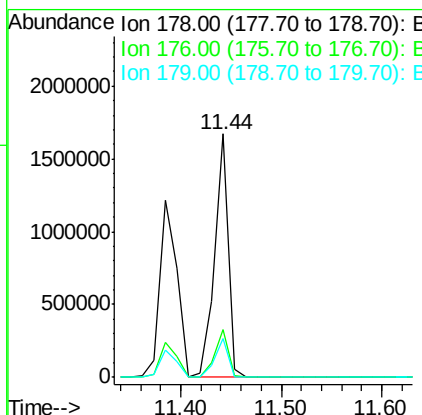
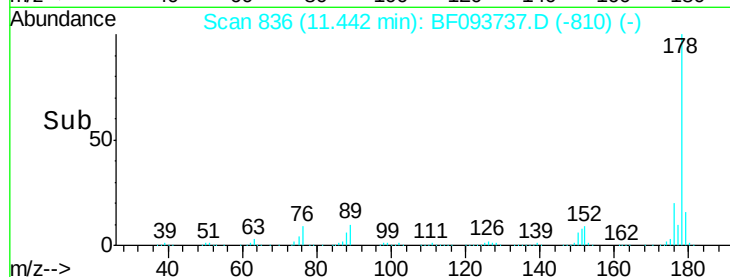
Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS



Tgt Ion:178 Resp: 1564366
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 12.7 19.1

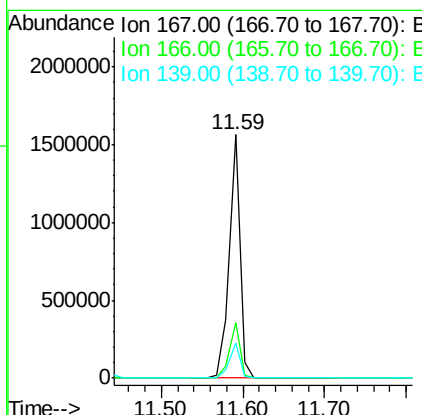
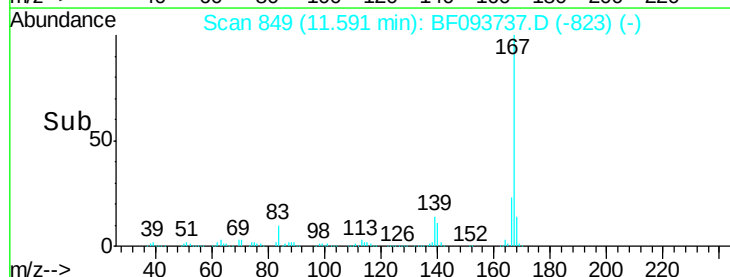
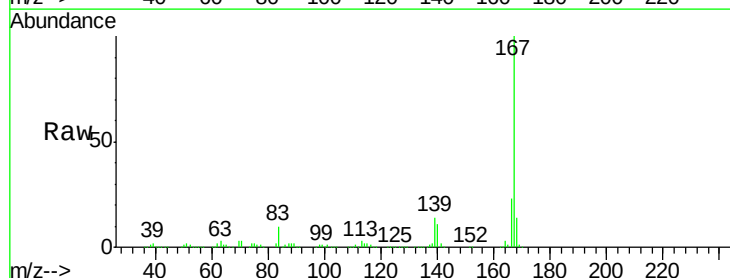
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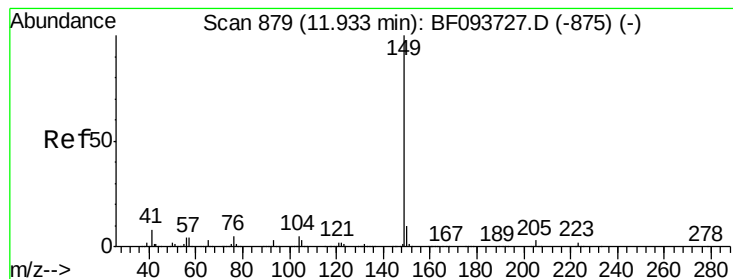
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#72
 Carbazole
 Concen: 39.82 ng
 RT: 11.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion:167 Resp: 1417166
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.49 ng

RT: 11.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

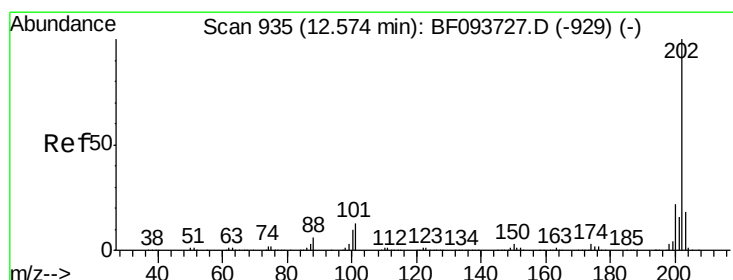
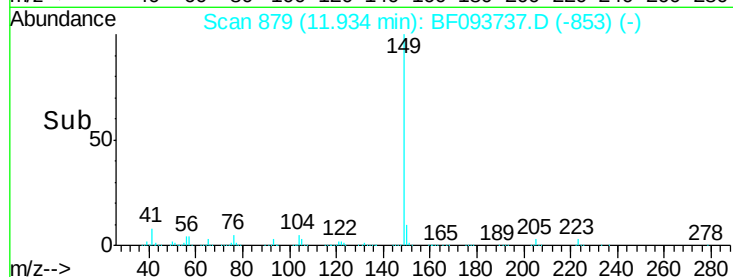
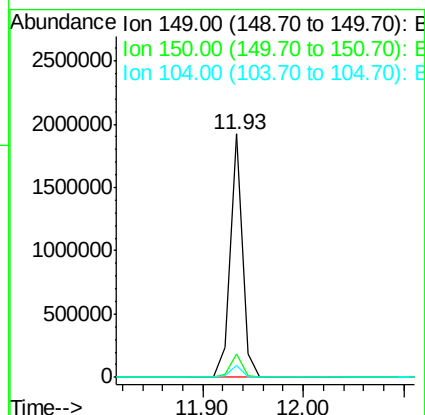
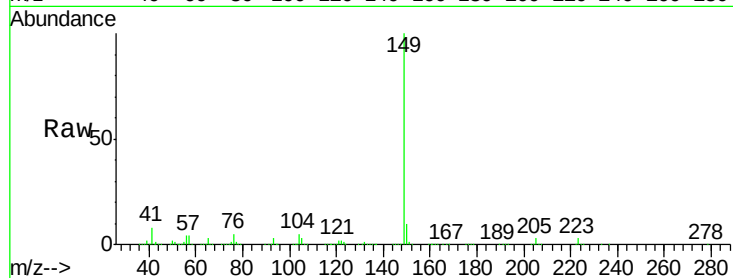
ClientSampleId :

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Tgt Ion:	149	Resp:	1618291
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.9	4.0	6.0

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#74

Fluoranthene

Concen: 47.35 ng

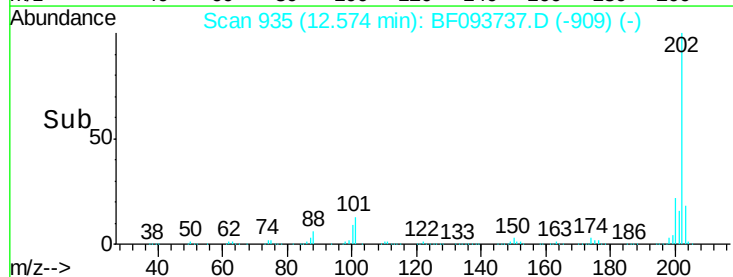
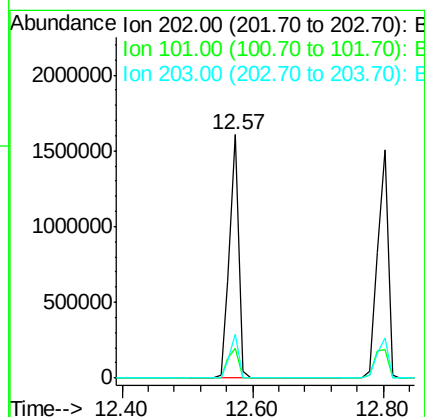
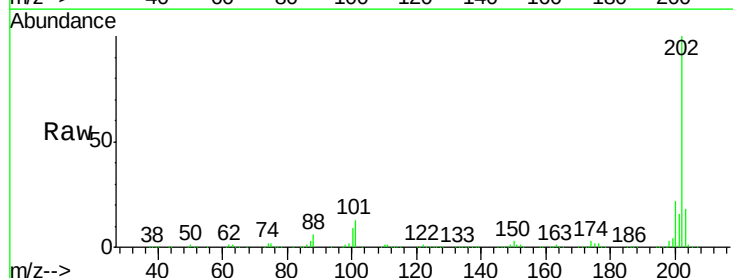
RT: 12.57 min Scan# 935

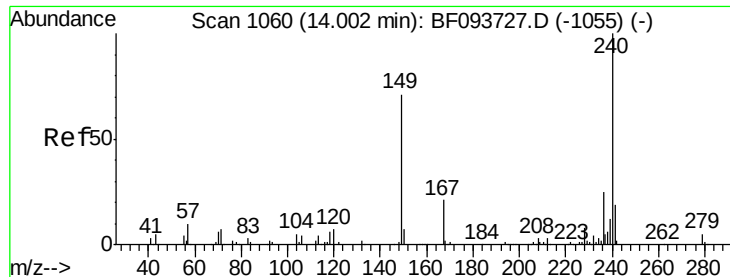
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	202	Resp:	1594116
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

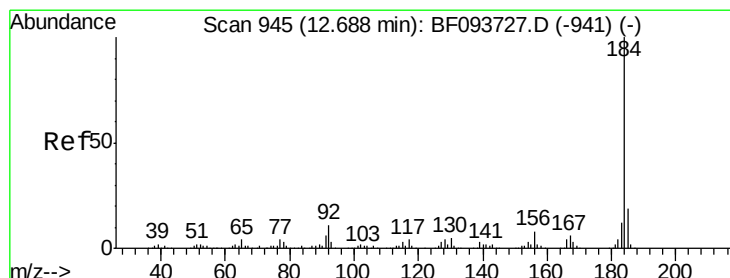
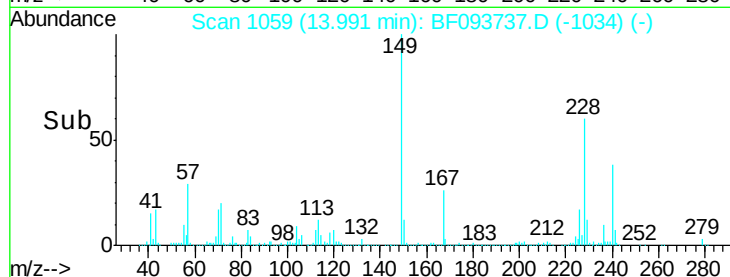
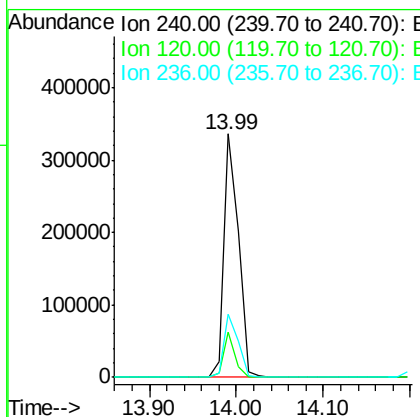
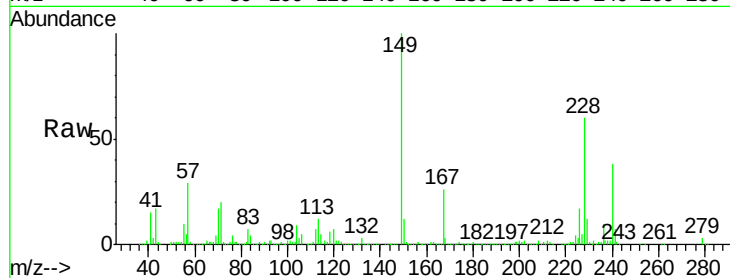
ClientSampleId :

PB97625BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.8	5.8	8.8#
236	26.0	20.5	30.7

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#76

Benzidine

Concen: 35.15 ng

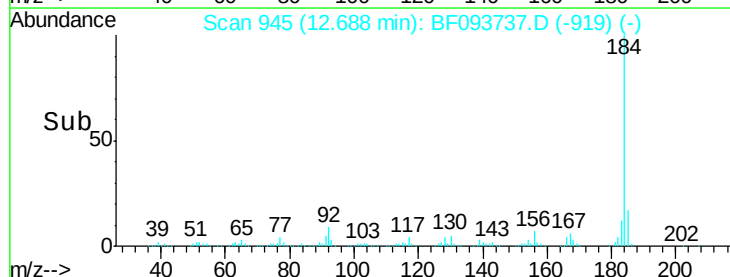
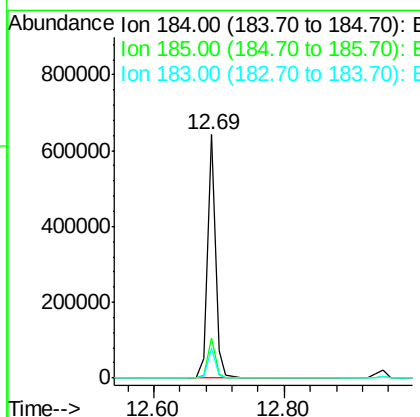
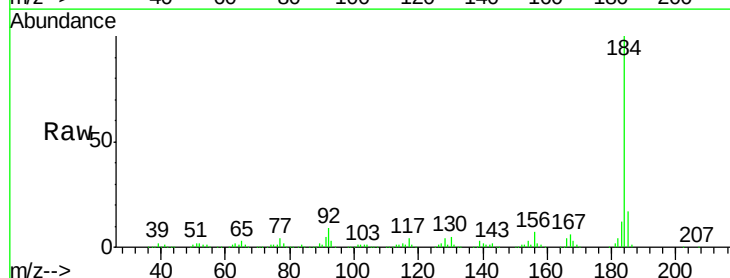
RT: 12.69 min Scan# 945

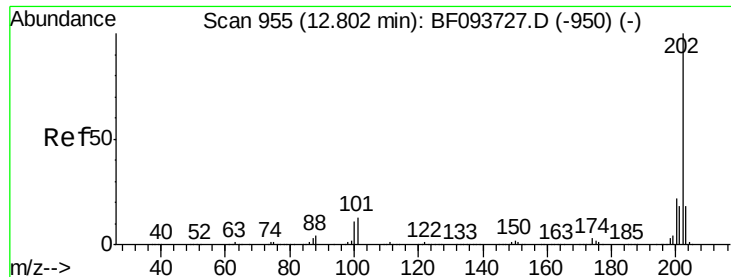
Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	15.5	23.3
183	12.1	9.8	14.6





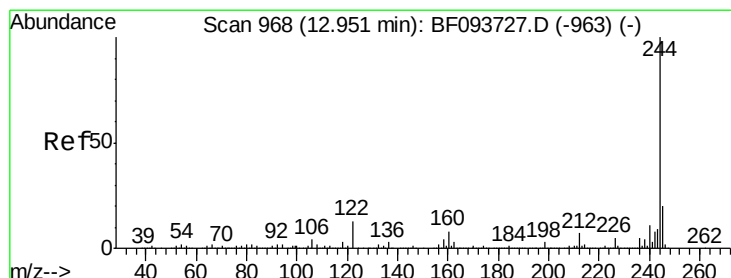
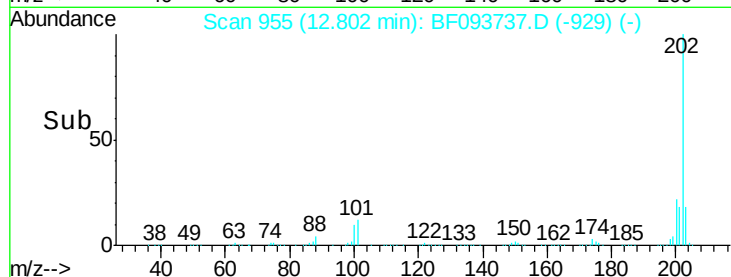
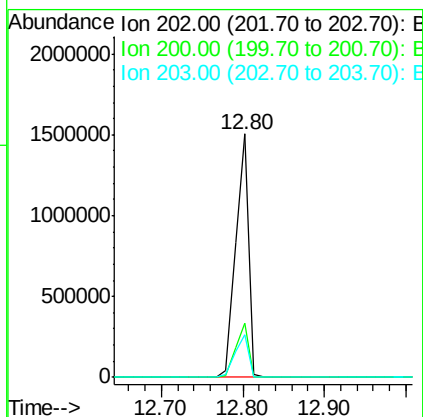
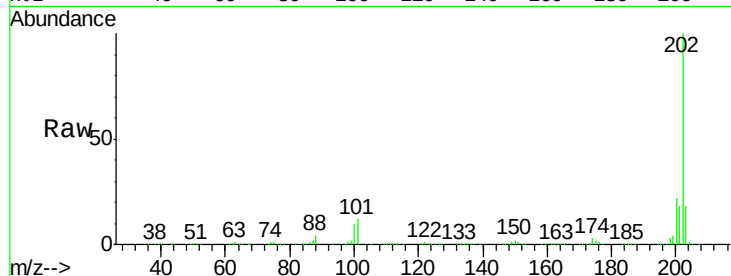
#77
 Pyrene
 Concen: 49.50 ng
 RT: 12.80 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.6	14.4	21.6

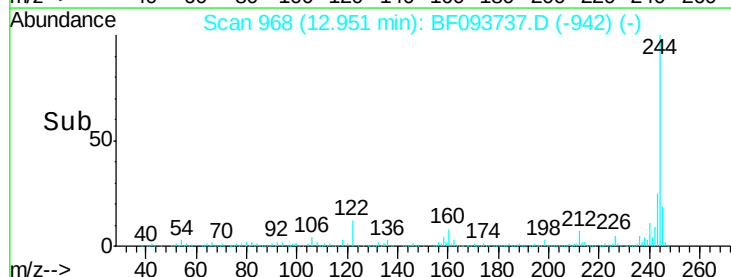
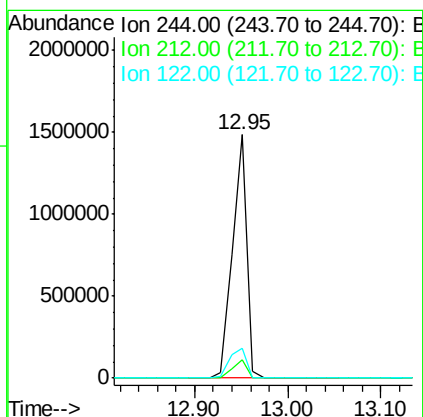
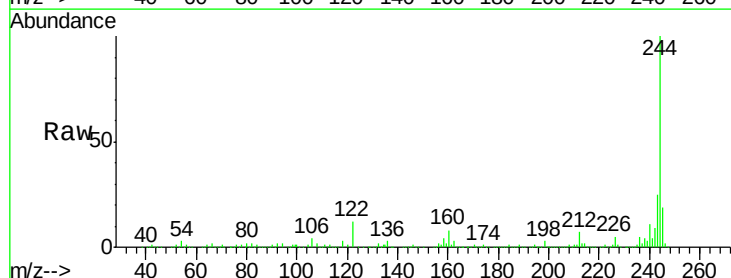
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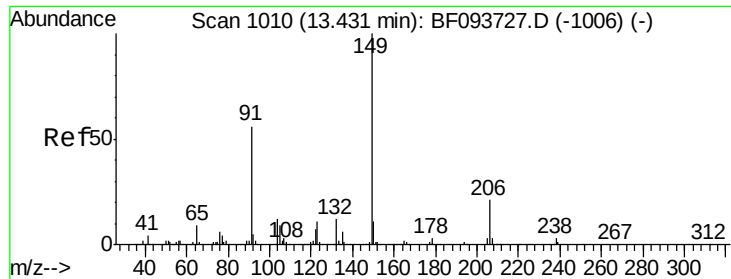
mohammad
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#78
 Terphenyl-d14
 Concen: 87.54 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.5	10.3	15.5





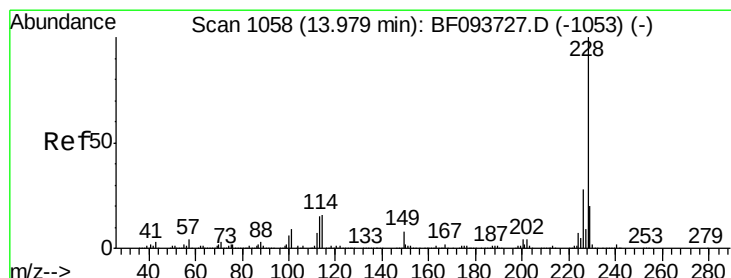
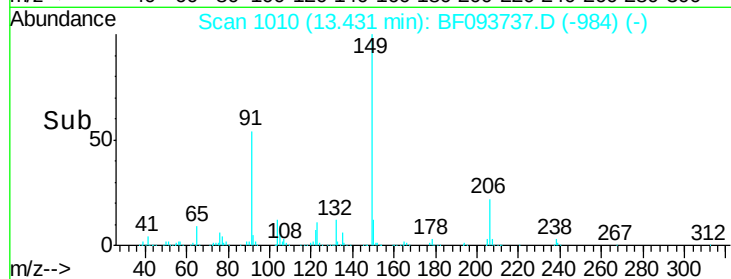
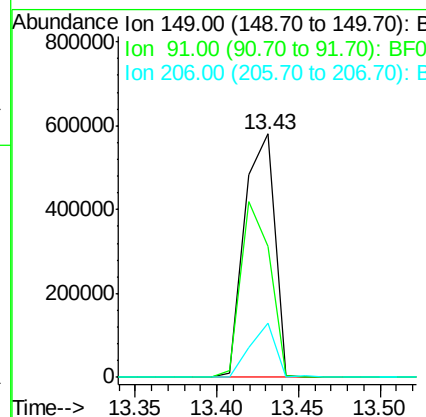
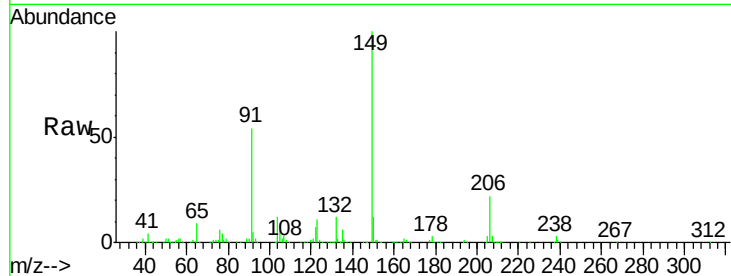
#79
Butylbenzylphthalate
Concen: 52.36 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	741940		
91	53.6	45.0	67.4	
206	22.1	17.0	25.6	

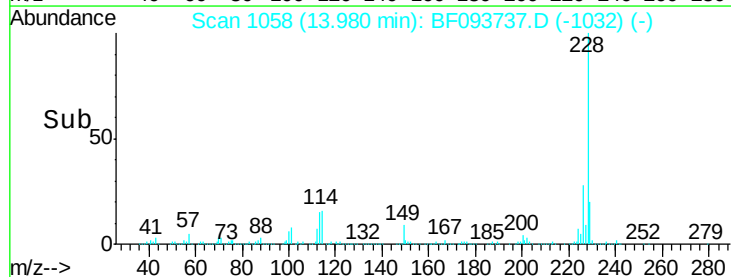
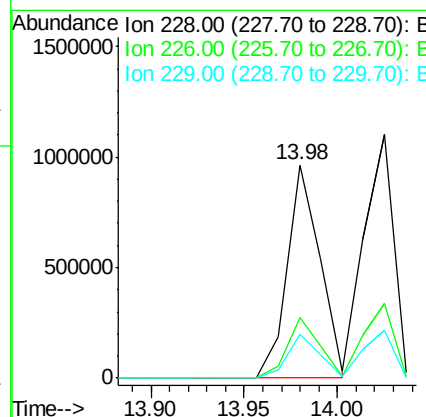
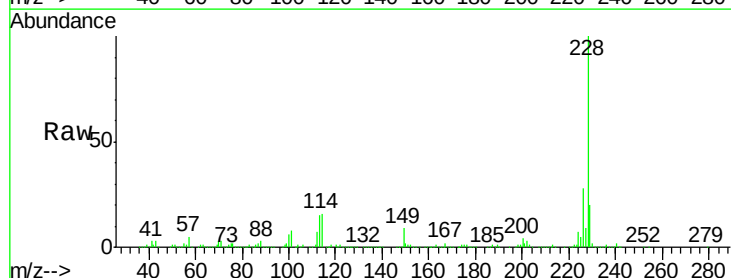
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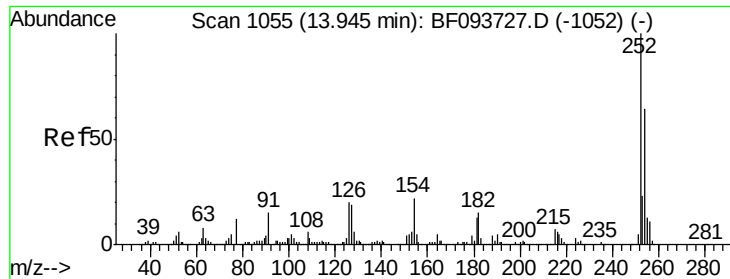
mohammad
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#80
Benzo(a)anthracene
Concen: 46.97 ng
RT: 13.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1182370		
226	28.2	22.6	33.8	
229	20.3	16.3	24.5	





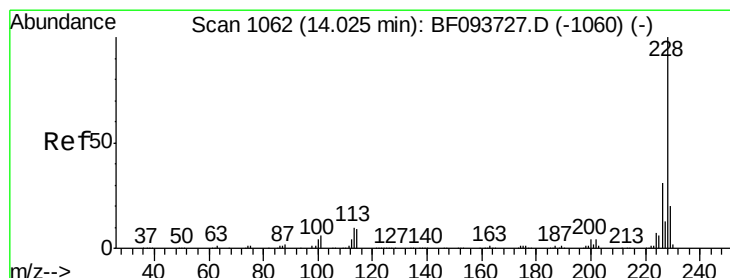
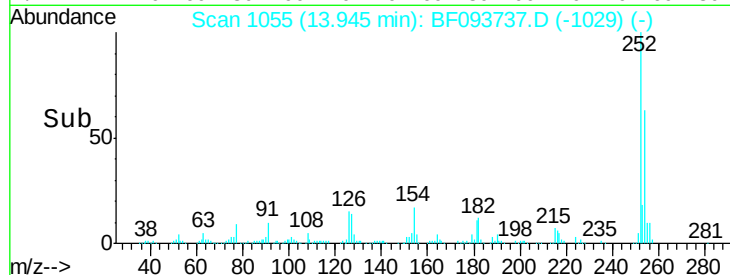
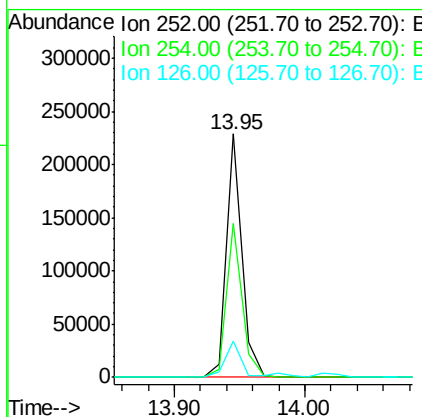
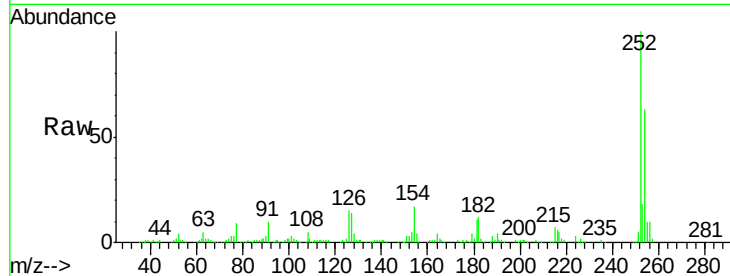
#81
 3,3'-Dichlorobenzidine
 Concen: 21.60 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.1	51.5	77.3
126	14.7	15.8	23.8

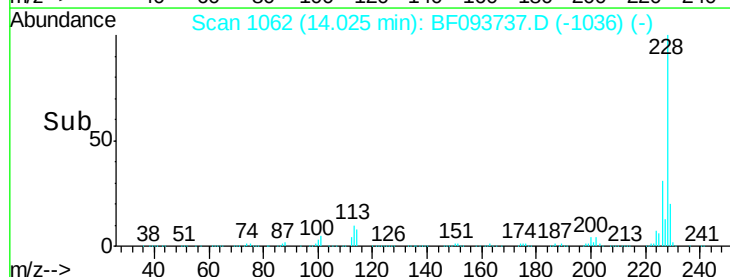
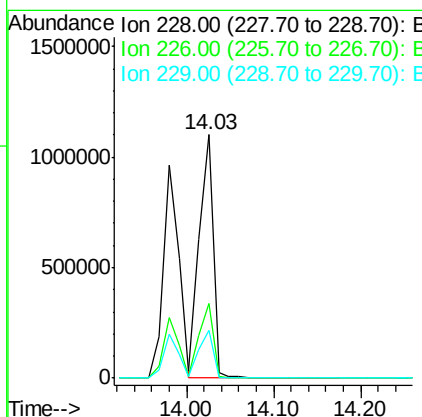
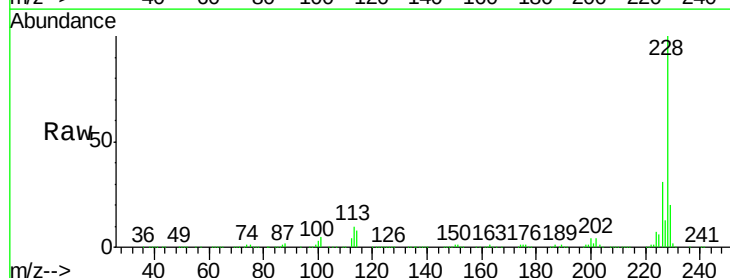
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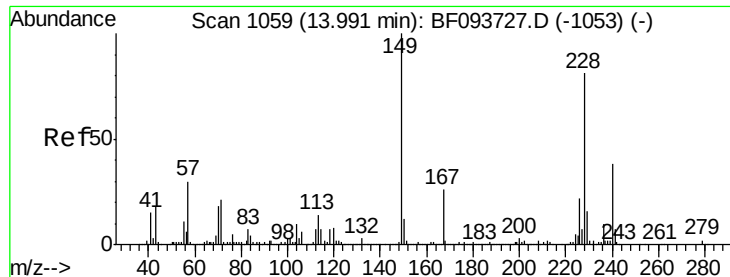
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#82
 Chrysene
 Concen: 50.12 ng
 RT: 14.03 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.55 ng

RT: 13.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

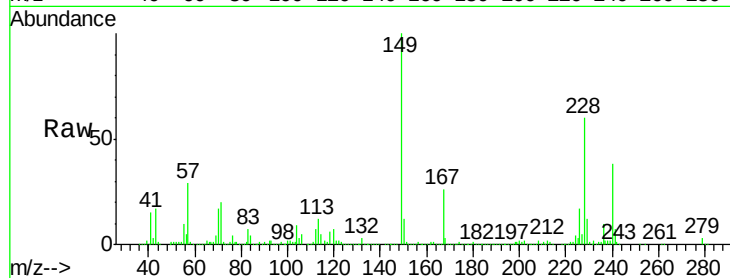
ClientSampleId :

PB97625BS

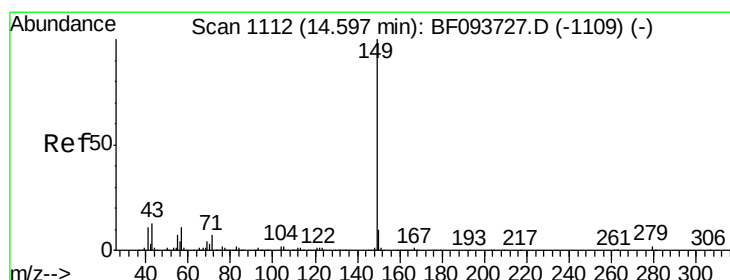
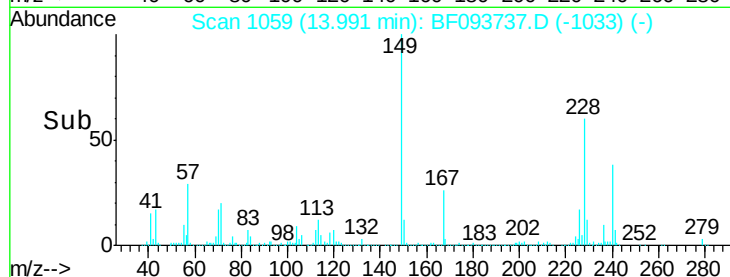
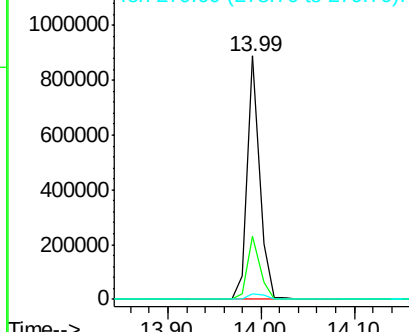
Tgt Ion:	149	Resp:	818704
Ion Ratio		Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.5	1.9	2.9

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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: 53.27 ng

RT: 14.60 min Scan# 1112

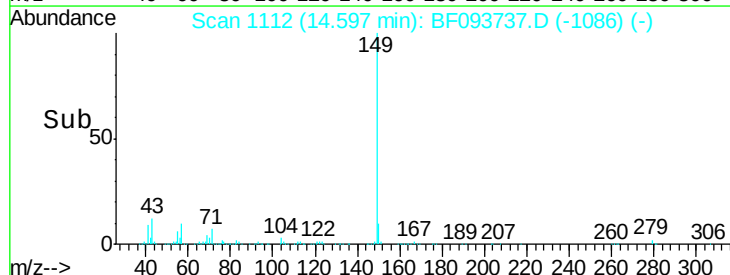
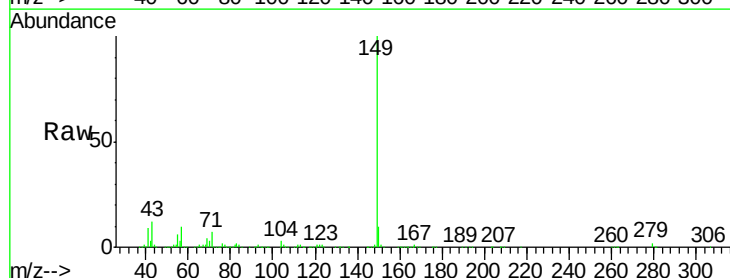
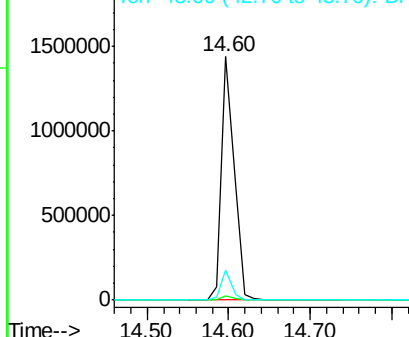
Delta R.T. 0.00 min

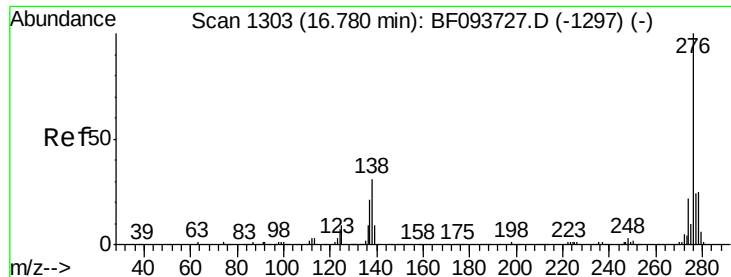
Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Tgt Ion:	149	Resp:	1530010
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	8.5	12.7

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





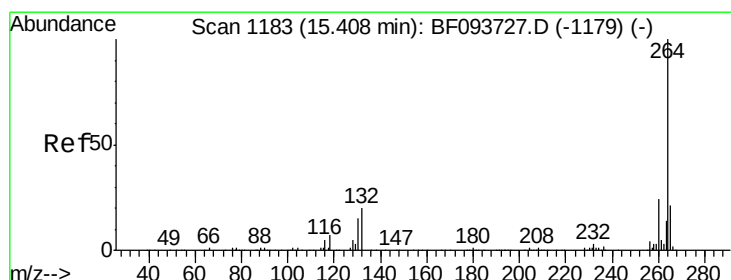
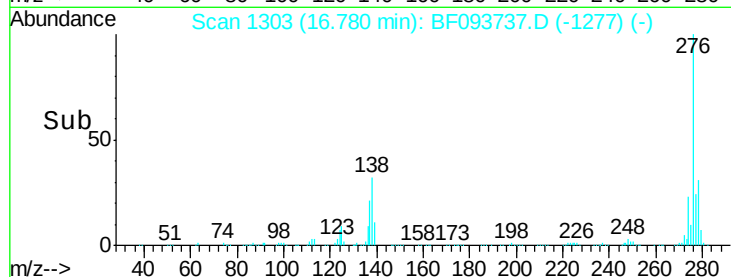
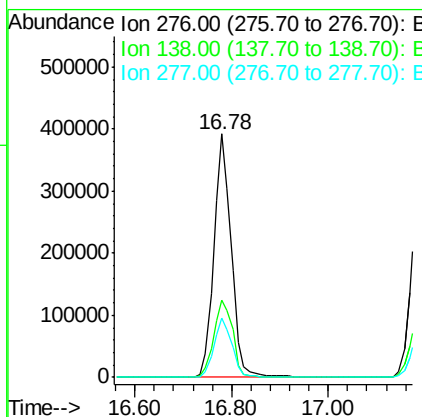
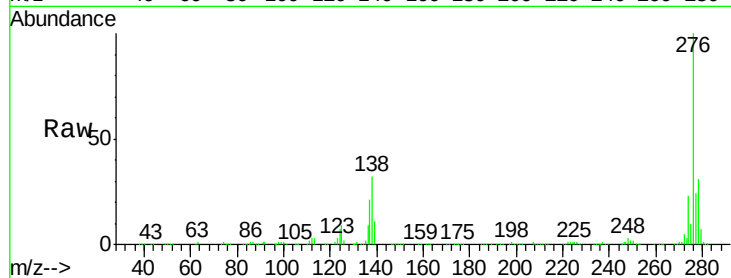
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.05 ng
RT: 16.78 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampled :
PB97625BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.2	20.2	30.4

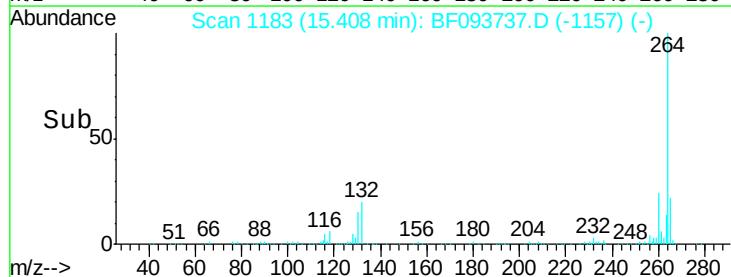
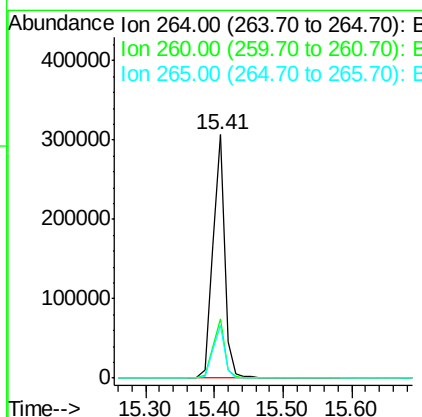
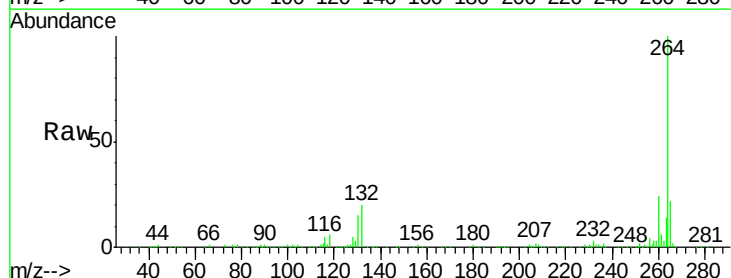
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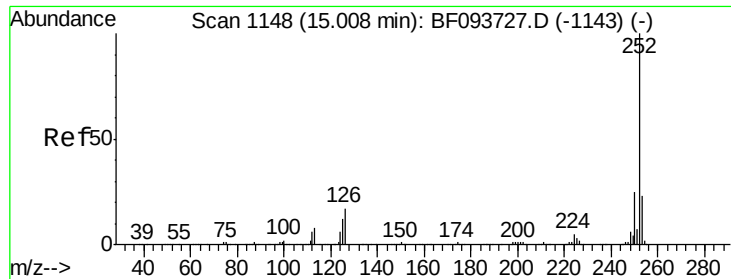
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.16 ng m

RT: 15.01 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

Instrument :

BNA_F

ClientSampleId :

PB97625BS

Tgt Ion:252 Resp: 1142394

Ion Ratio Lower Upper

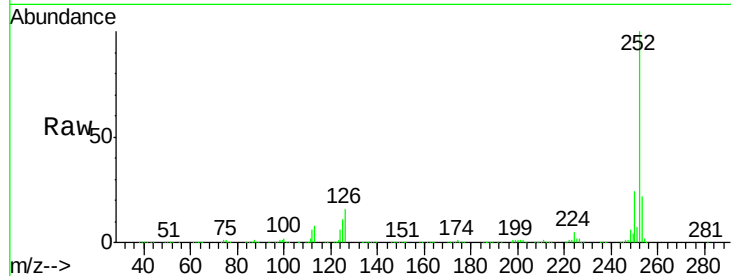
252 100

253 22.3 18.1 27.1

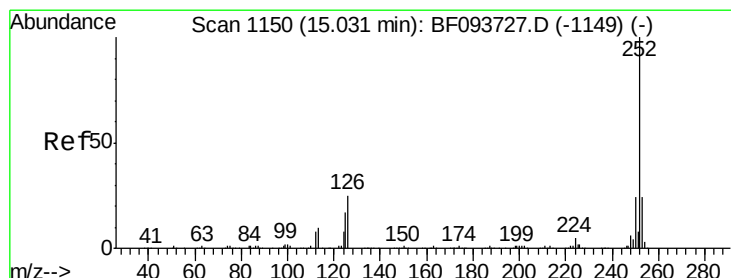
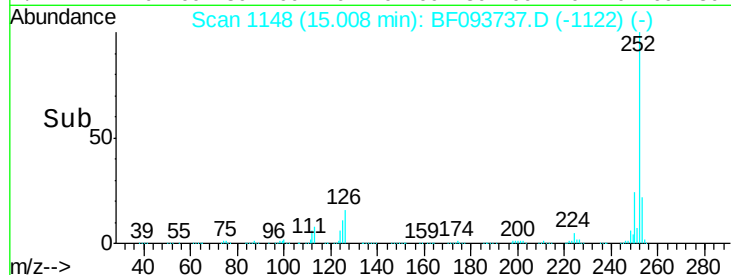
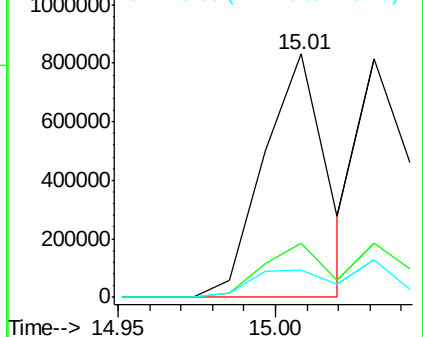
125 11.5 9.8 14.8

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



#88

Benzo(k)fluoranthene

Concen: 43.54 ng m

RT: 15.03 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF093737.D

Acq: 18 Mar 2017 7:21

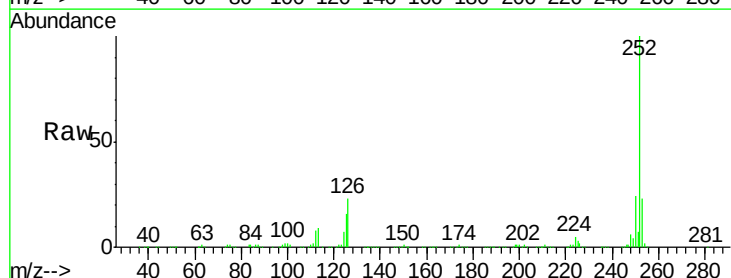
Tgt Ion:252 Resp: 912806

Ion Ratio Lower Upper

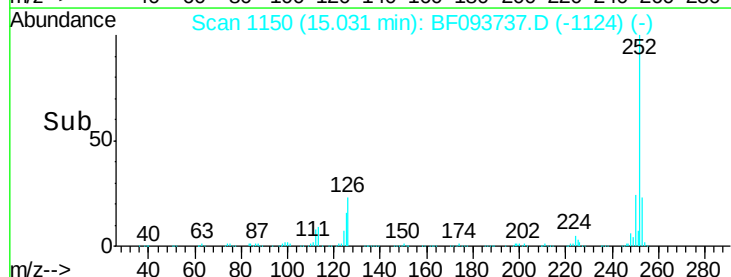
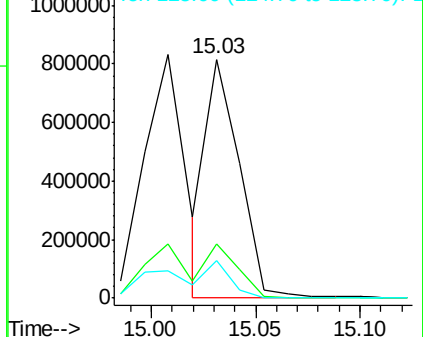
252 100

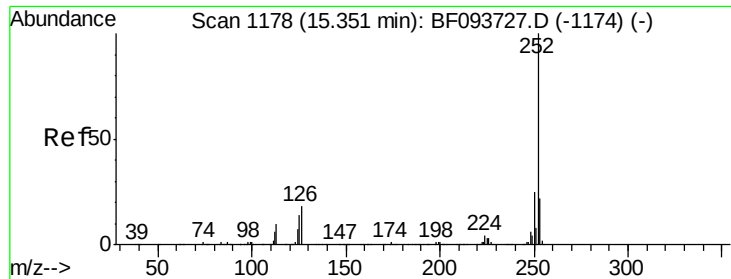
253 22.7 18.4 27.6

125 15.7 13.1 19.7



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





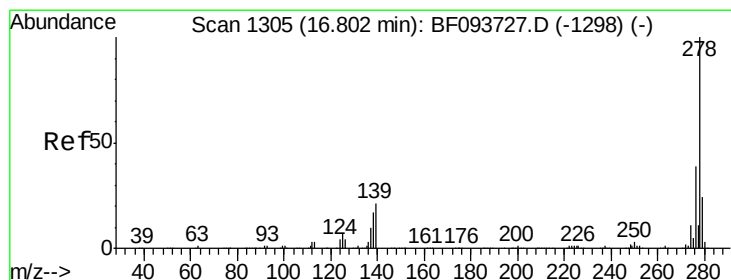
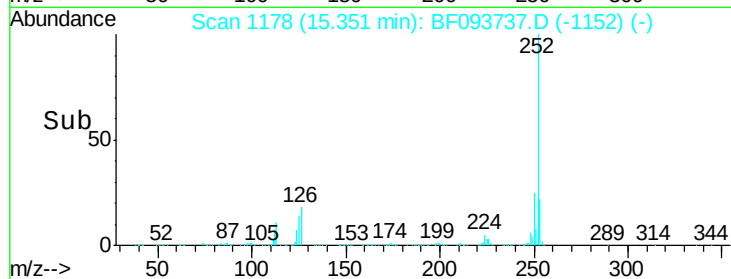
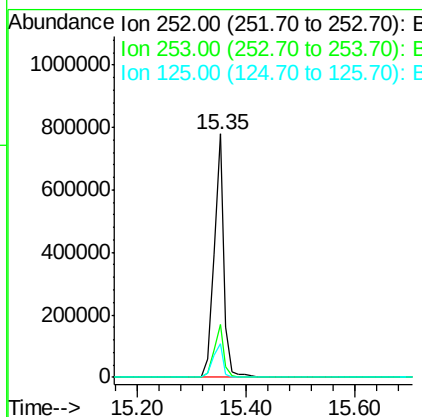
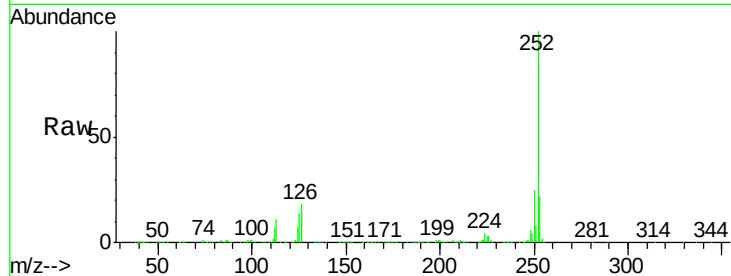
#89
Benzo(a)pyrene
Concen: 47.24 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.0	11.0	16.4

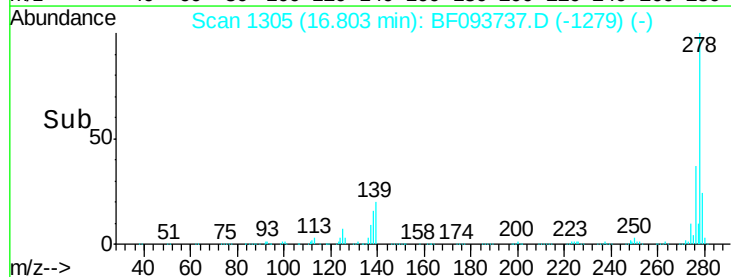
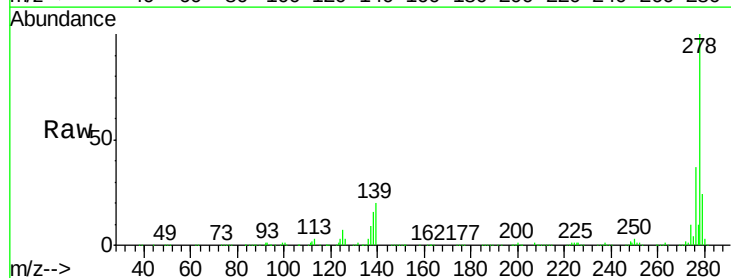
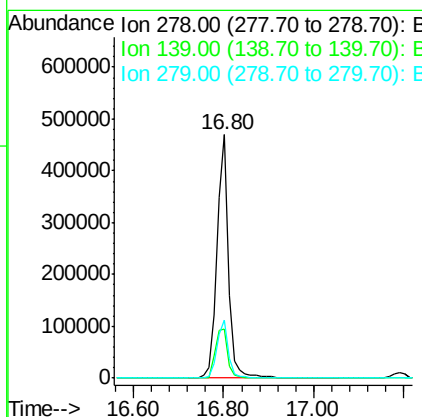
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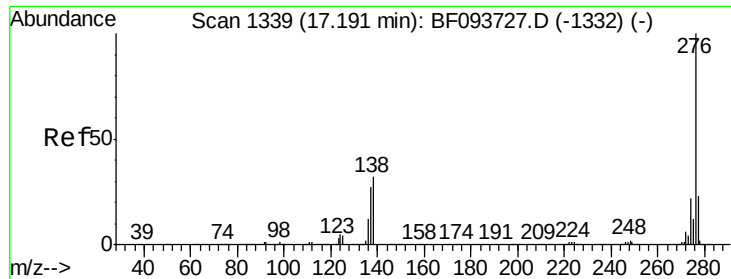
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#90
Dibenzo(a,h)anthracene
Concen: 47.24 ng
RT: 16.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF093737.D
Acq: 18 Mar 2017 7:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 45.97 ng
 RT: 17.19 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF093737.D
 Acq: 18 Mar 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97625BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	18.6	28.0
138	30.8	25.4	38.0

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