

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093133.D
 Acq On : 24 Feb 2017 6:30
 Operator : SJ/MA
 Sample : PB97121BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Manual Integrations
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 2/24/2017 2:11:39 PM

Quant Time: Feb 24 07:12:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	151358	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	562873	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	239643	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	361354	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	283616	20.00	ng	-0.02
86) Perylene-d12	15.43	264	257207	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	773964	87.73	ng	0.00
7) Phenol-d6	6.49	99	964445	84.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	814418	80.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	140016	80.78	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1388755	104.99	ng	-0.01
78) Terphenyl-d14	12.95	244	834013	69.10	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	152543	32.00	ng	# 83
3) Pyridine	3.20	79	389892	32.16	ng	87
4) n-Nitrosodimethylamine	3.15	42	224084	39.37	ng	87
6) Aniline	6.50	93	213802	13.81	ng	# 37
8) 2-Chlorophenol	6.62	128	372643	38.29	ng	93
9) Benzaldehyde	6.38	77	176816	21.74	ng	94
10) Phenol	6.50	94	533102	40.14	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	391043	36.89	ng	95
12) 1,3-Dichlorobenzene	6.78	146	433000	37.98	ng	97
13) 1,4-Dichlorobenzene	6.85	146	417302	36.17	ng	99
14) 1,2-Dichlorobenzene	7.01	146	411911	37.34	ng	96
15) Benzyl Alcohol	6.99	79	300450	35.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	698861	37.95	ng	95
17) 2-Methylphenol	7.10	107	305597	36.60	ng	99
18) Hexachloroethane	7.36	117	127332	32.33	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	282615	39.11	ng	98
20) 3+4-Methylphenols	7.26	107	395225	39.59	ng	# 87
22) Acetophenone	7.25	105	507946	39.52	ng	# 98
24) Nitrobenzene	7.44	77	399294	38.47	ng	# 83
25) Isophorone	7.66	82	719389	38.19	ng	93
26) 2-Nitrophenol	7.74	139	175282	35.53	ng	91
27) 2,4-Dimethylphenol	7.79	122	344262	39.73	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	484829	38.87	ng	99
29) 2,4-Dichlorophenol	8.00	162	315520	39.04	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	325113	37.33	ng	99
31) Naphthalene	8.16	128	1006734	35.28	ng	98
32) Benzoic acid	7.92	122	164129	35.61	ng	97
33) 4-Chloroaniline	8.20	127	111040	9.92	ng	98
34) Hexachlorobutadiene	8.27	225	174547	36.43	ng	99
35) Caprolactam	8.58	113	97922	38.52	ng	# 42
36) 4-Chloro-3-methylphenol	8.69	107	298879	35.48	ng	96
37) 2-Methylnaphthalene	8.84	142	686092	37.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285384	42.42	ng	98
40) Hexachlorocyclopentadiene	8.99	237	55618	18.33	ng	95

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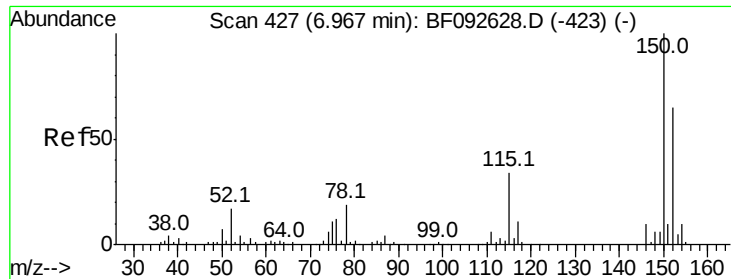
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	201767	45.65	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	192656	39.78	nq	# 82
45) 1,1'-Biphenyl	9.31	154	761836	43.90	nq	98
46) 2-Chloronaphthalene	9.33	162	629221	46.35	nq	97
47) 2-Nitroaniline	9.42	65	201042	44.05	nq	87
48) Acenaphthylene	9.74	152	960928	40.98	nq	98
49) Dimethylphthalate	9.61	163	724349	44.88	nq	99
50) 2,6-Dinitrotoluene	9.68	165	159501	45.76	nq	# 83
51) Acenaphthene	9.92	154	557548	39.77	nq	97
52) 3-Nitroaniline	9.84	138	86322	21.64	nq	91
53) 2,4-Dinitrophenol	9.95	184	35588	23.62	nq	# 35
54) Dibenzofuran	10.09	168	808040	43.09	nq	94
55) 4-Nitrophenol	10.02	139	202851	70.60	nq	# 74
56) 2,4-Dinitrotoluene	10.08	165	174181	37.53	nq	96
57) Fluorene	10.43	166	608264	42.16	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133101	41.20	nq	95
59) Diethylphthalate	10.30	149	702877	46.21	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	282369	40.74	nq	89
61) 4-Nitroaniline	10.45	138	142153	34.79	nq	92
62) Azobenzene	10.58	77	720782	45.86	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	33987	17.26	nq	88
65) n-Nitrosodiphenylamine	10.54	169	544126	47.14	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	160853	42.61	nq	# 89
67) Hexachlorobenzene	10.98	284	150688	40.39	nq	94
68) Atrazine	11.07	200	174401	47.08	nq	99
69) Pentachlorophenol	11.17	266	136383	71.64	nq	98
70) Phenanthrene	11.39	178	790208	38.17	nq	98
71) Anthracene	11.44	178	753661	36.25	nq	98
72) Carbazole	11.60	167	661397	33.28	nq	98
73) Di-n-butylphthalate	11.93	149	984814	45.82	nq	# 96
74) Fluoranthene	12.58	202	739038	34.61	nq	91
76) Benzidine	12.71	184	455438	37.68	nq	96
77) Pyrene	12.81	202	728346	34.32	nq	97
79) Butylbenzylphthalate	13.43	149	341055	39.57	nq	# 74
80) Benzo(a)anthracene	13.99	228	644179	37.14	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	227780	36.84	nq	99
82) Chrysene	14.03	228	641209	39.48	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	487908	41.39	nq	100
84) Di-n-octyl phthalate	14.59	149	878909	45.79	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	518480	41.21	nq	# 93
87) Benzo(b)fluoranthene	15.03	252	703024m	41.53	nq	
88) Benzo(k)fluoranthene	15.05	252	506812m	34.67	nq	
89) Benzo(a)pyrene	15.37	252	558792	38.16	nq	# 96
90) Dibenzo(a,h)anthracene	16.84	278	451030	38.11	nq	99
91) Benzo(g,h,i)perylene	17.25	276	408818	34.19	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

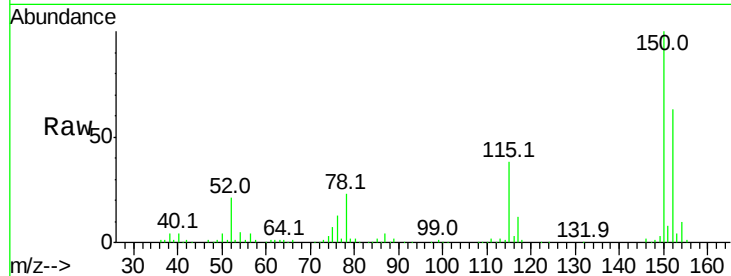
ClientSampleId :

PB97121BSD

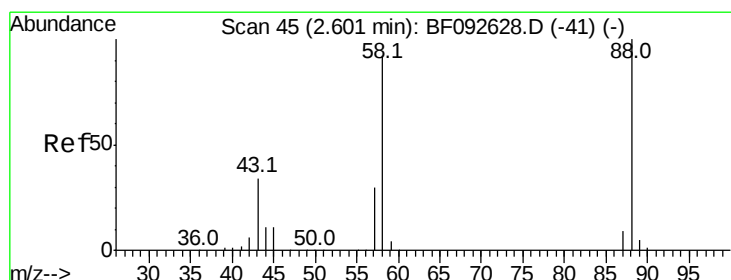
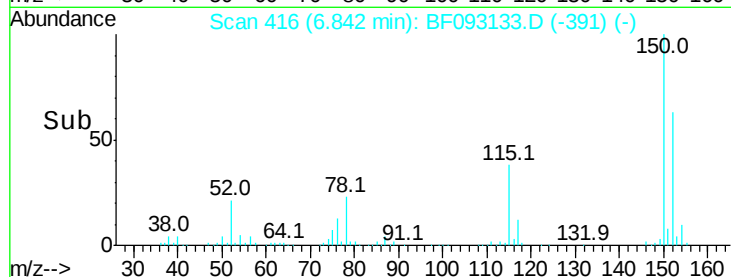
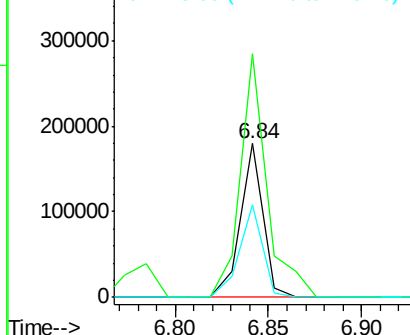
Tot Ion:	152	Resp:	151358
Ion Ratio	Lower	Upper	
152	100		
150	158.7	124.9	187.3
115	59.9	46.0	69.0

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



#2

1,4-Dioxane

Concen: 32.00 ng

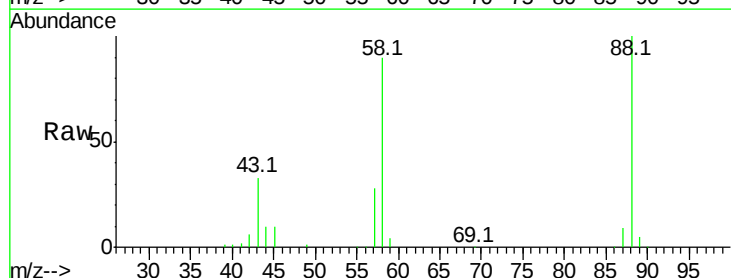
RT: 2.48 min Scan# 34

Delta R.T. 0.05 min

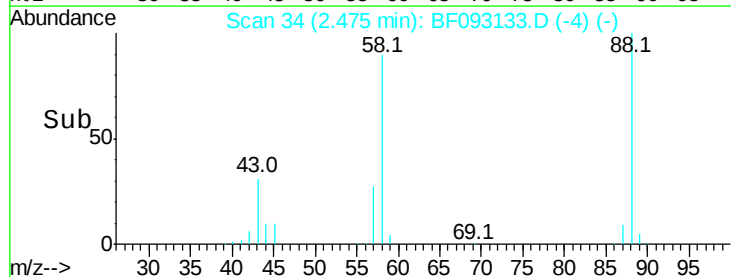
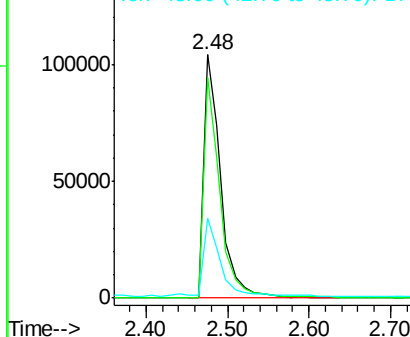
Lab File: BF093133.D

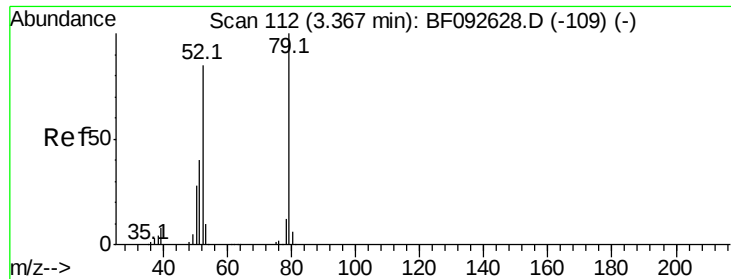
Acq: 24 Feb 2017 6:30

Tgt Ion:	88	Resp:	152543
Ion Ratio	Lower	Upper	
88	100		
58	88.7	57.8	86.8#
43	33.8	22.3	33.5#



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





#3

Pvridine

Concen: 32.16 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

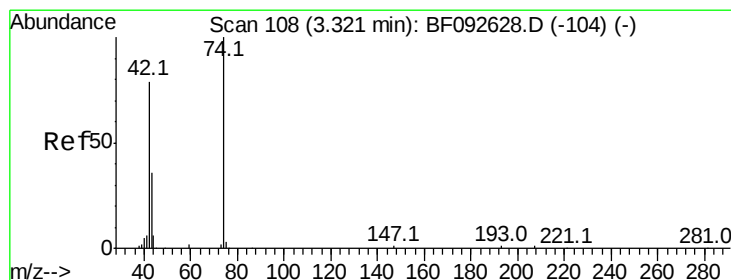
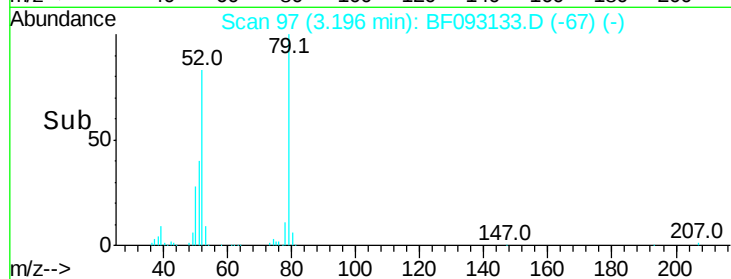
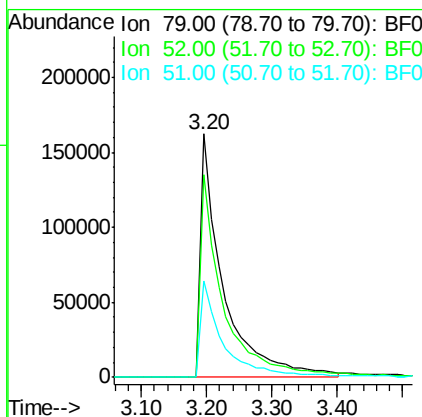
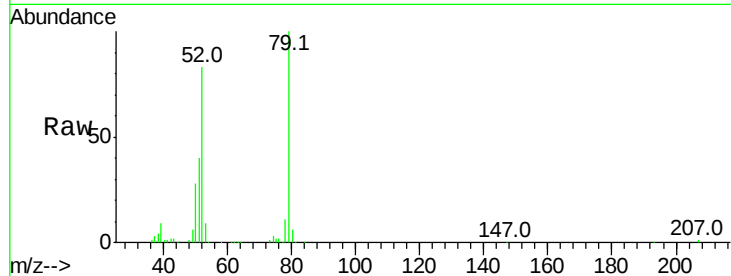
ClientSampleId :

PB97121BSD

Tot Ion:	79	Resp:	389892
Ion Ratio	Lower	Upper	
79	100		
52	83.2	57.1	85.7
51	39.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.37 ng

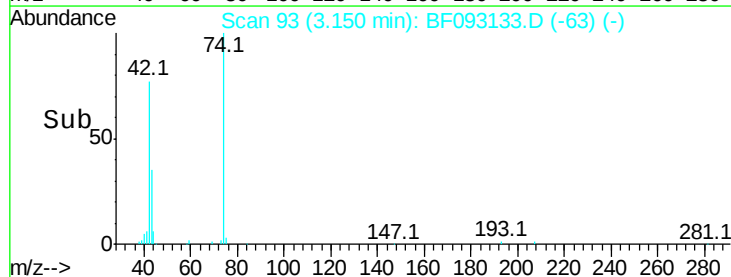
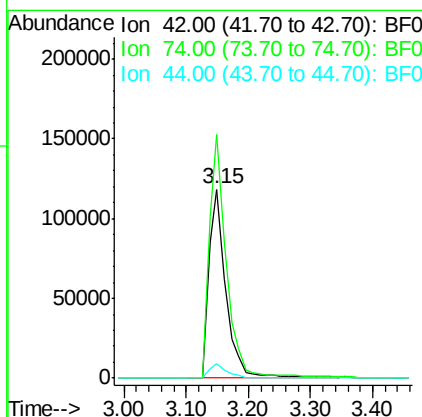
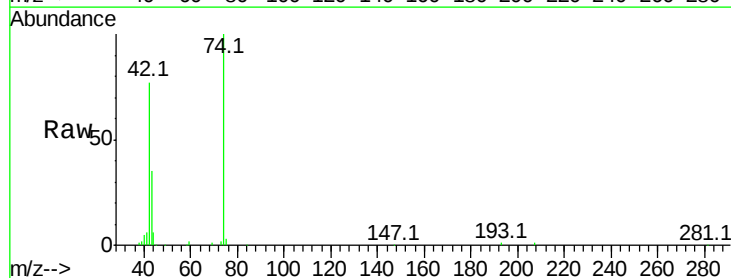
RT: 3.15 min Scan# 93

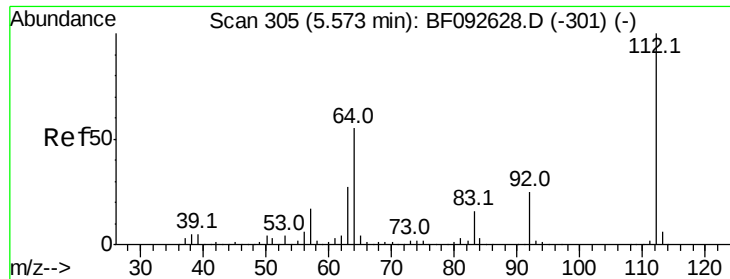
Delta R.T. 0.05 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	42	Resp:	224084
Ion Ratio	Lower	Upper	
42	100		
74	129.0	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 87.73 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

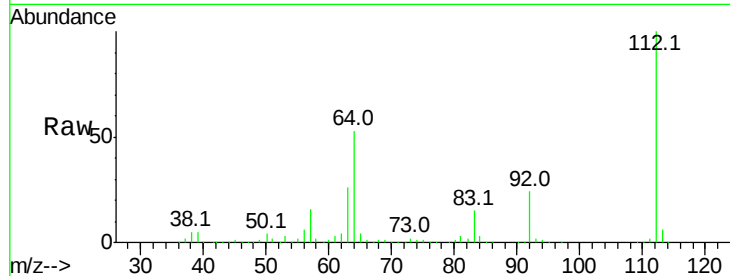
ClientSampleId :

PB97121BSD

Tot Ion:	112	Resp:	773964
Ion Ratio	Lower	Upper	
112	100		
64	52.9	46.1	69.1
63	25.8	23.8	35.6

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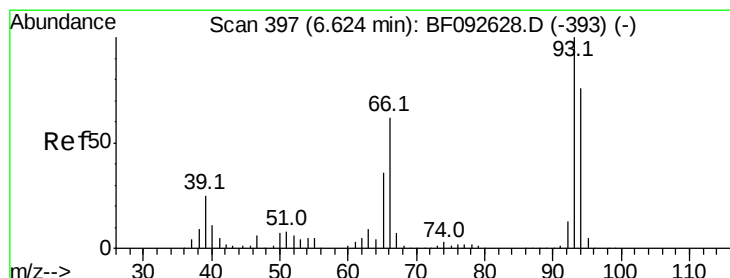
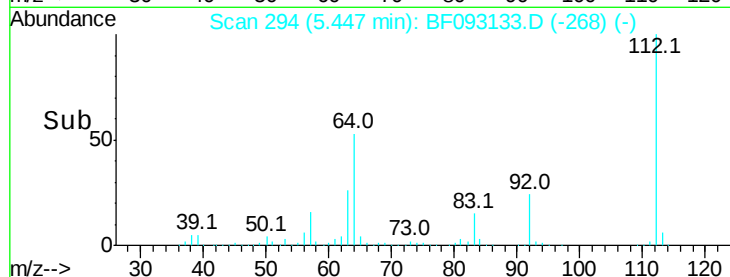
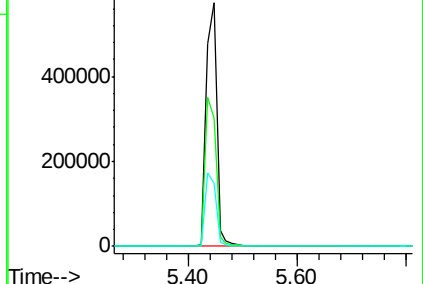
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.81 ng

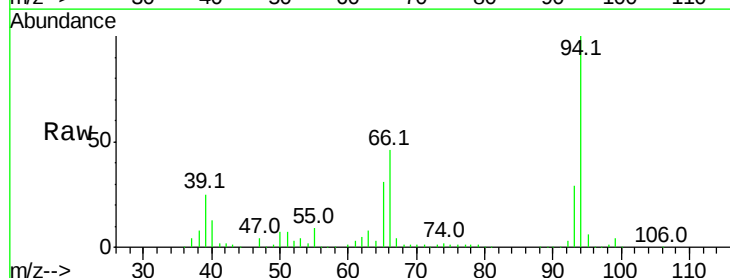
RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

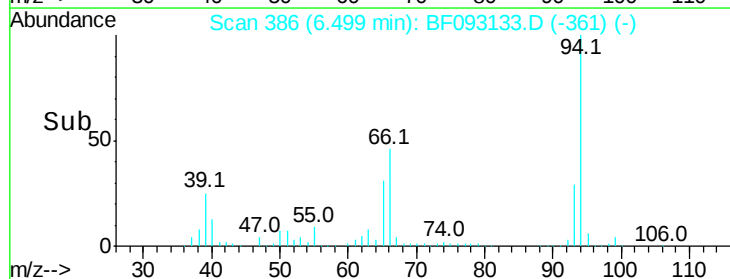
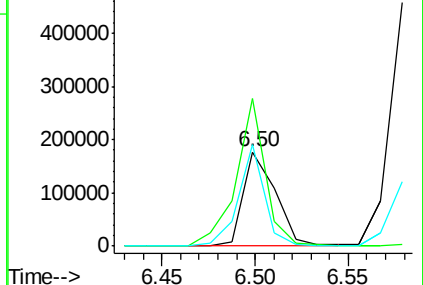
Tgt Ion:	93	Resp:	213802
Ion Ratio	Lower	Upper	
93	100		
66	158.0	76.2	114.2#
65	108.9	49.3	73.9#

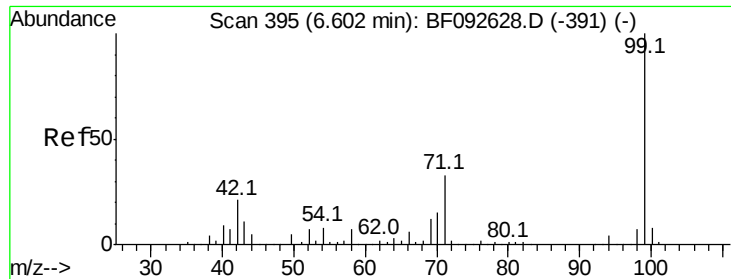


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.96 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

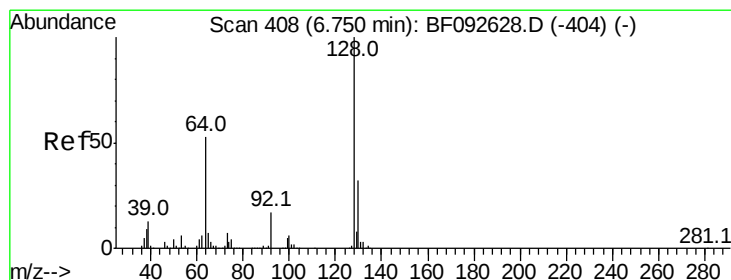
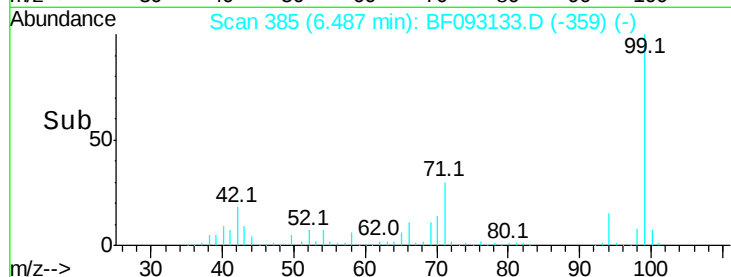
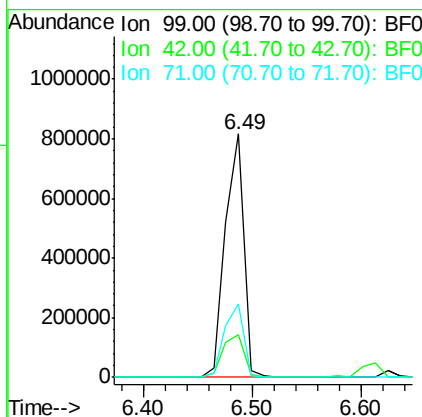
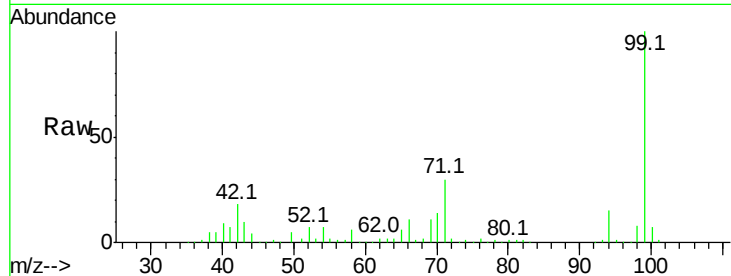
ClientSampleId :

PB97121BSD

Tot Ion:	99	Resp:	964445
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.6	23.4
71	29.9	27.5	41.3

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#8

2-Chlorophenol

Concen: 38.29 ng

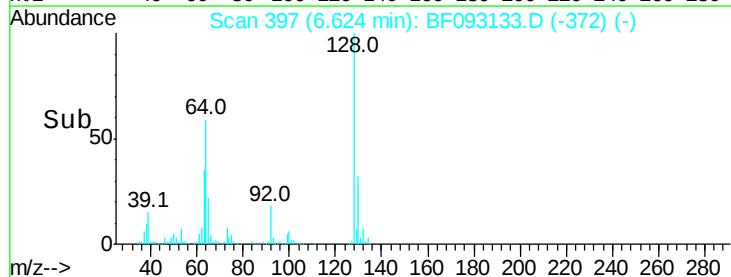
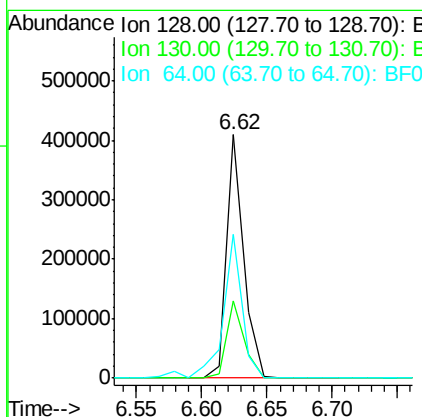
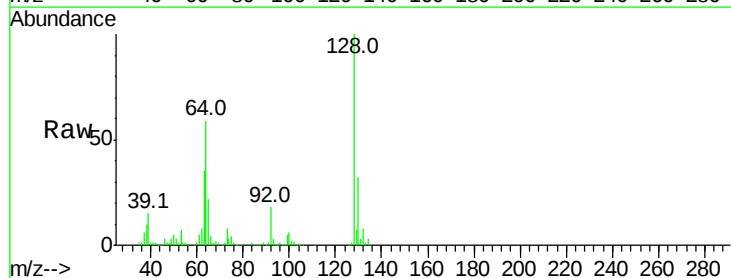
RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	128	Resp:	372643
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	59.3	32.2	72.2





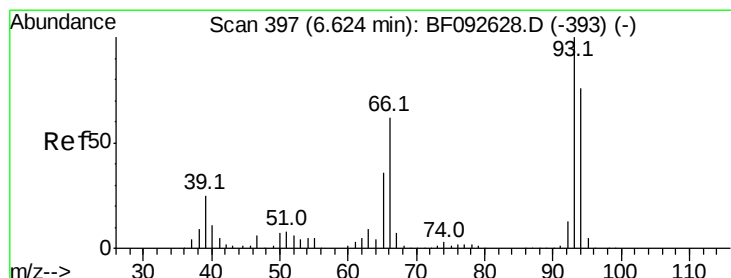
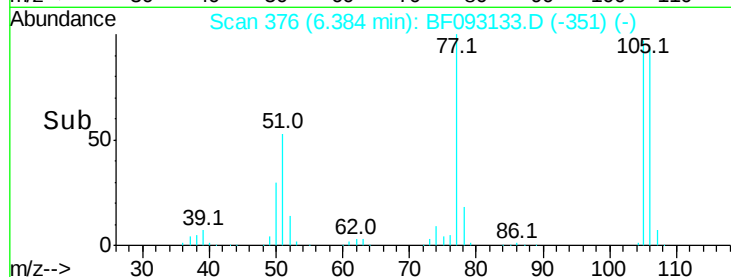
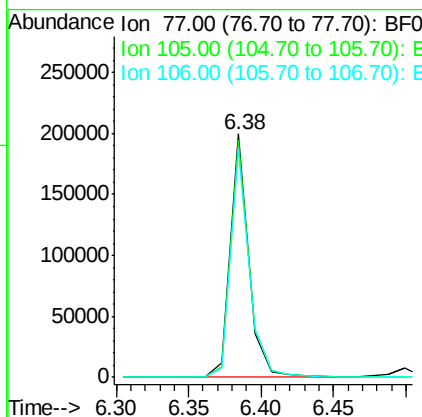
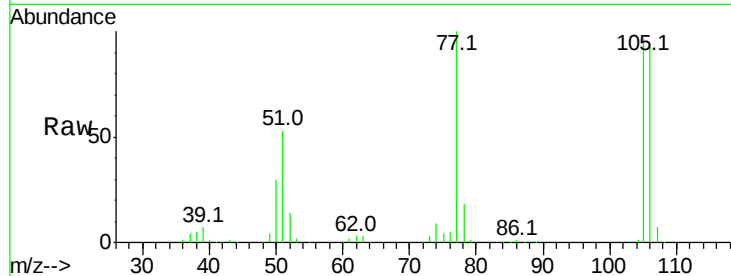
#9
Benzaldehyde
Concen: 21.74 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampled :
PB97121BSD

Tot Ion: 77 Resp: 176816
Ion Ratio Lower Upper
77 100
105 97.3 83.9 123.9
106 93.2 77.6 117.6

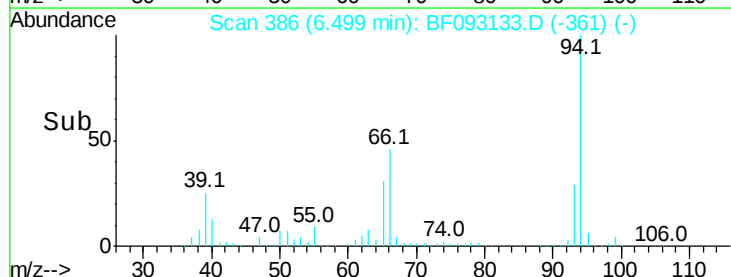
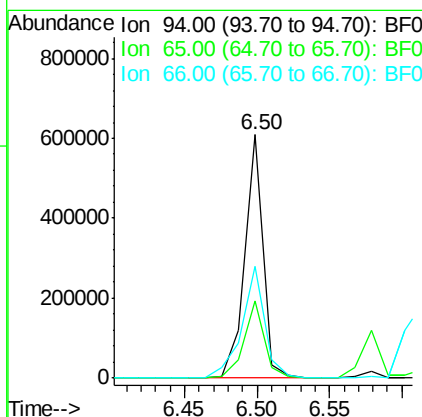
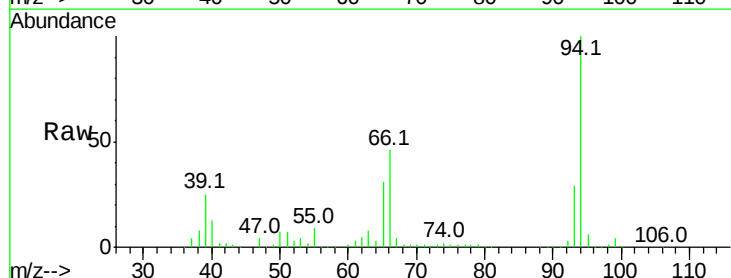
Manual Integrations
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#10
Phenol
Concen: 40.14 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion: 94 Resp: 533102
Ion Ratio Lower Upper
94 100
65 31.5 21.4 61.4
66 45.7 44.0 84.0





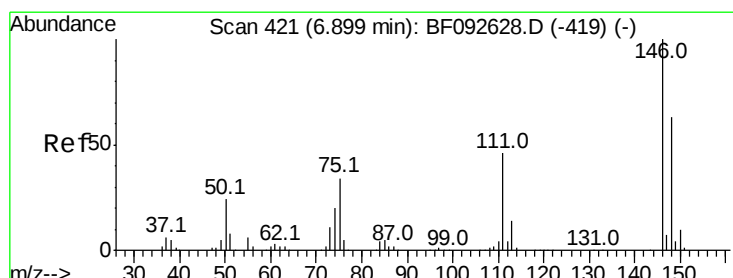
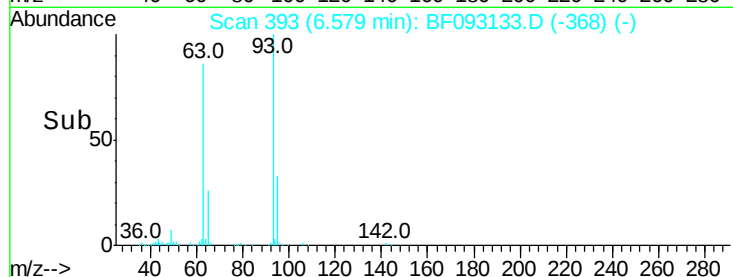
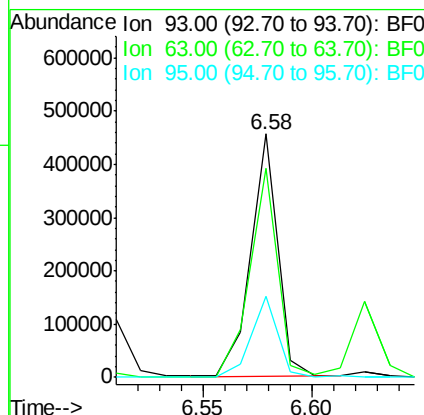
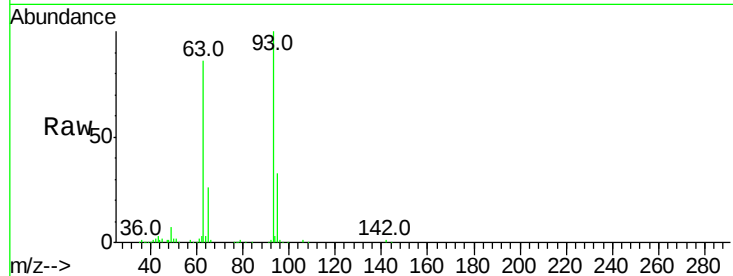
#11
bis(2-Chloroethyl)ether
Concen: 36.89 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	60.4	100.4
95	33.2	12.8	52.8

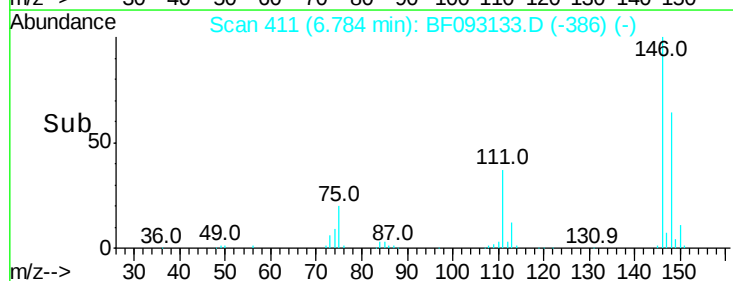
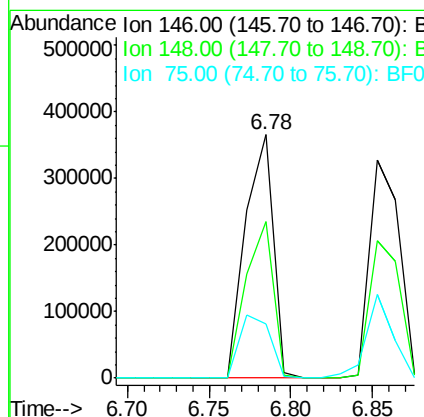
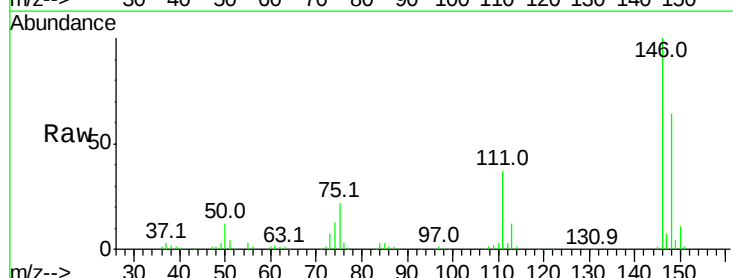
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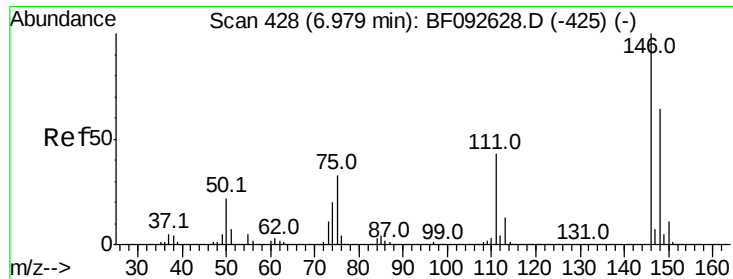
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#12
1,3-Dichlorobenzene
Concen: 37.98 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.4	80.0
75	22.3	18.5	27.7





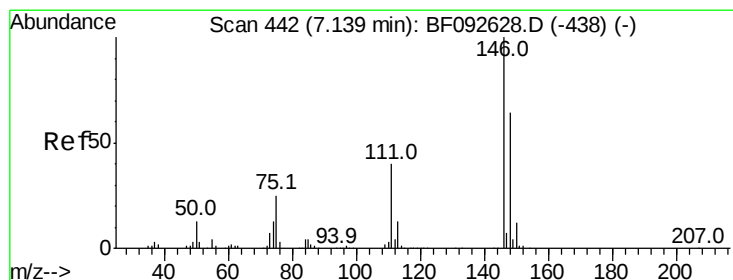
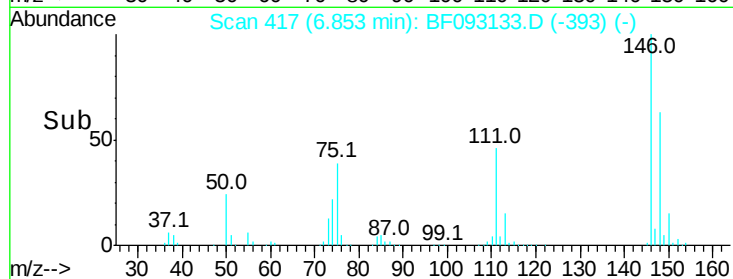
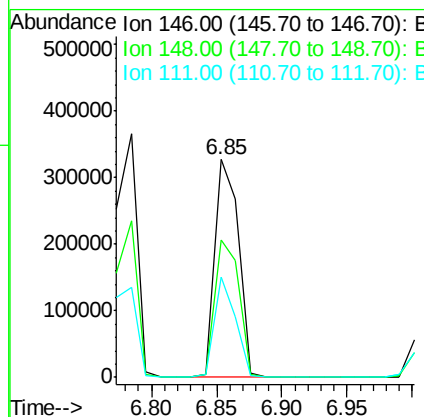
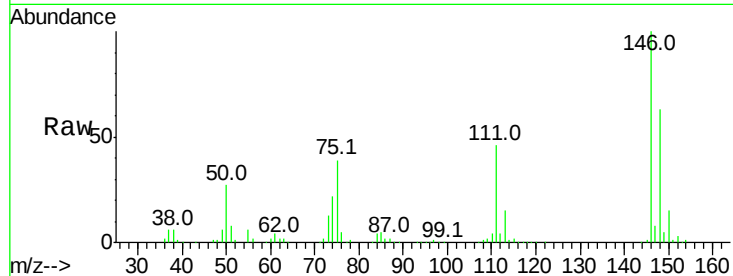
#13
 1,4-Dichlorobenzene
 Concen: 36.17 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampled :
 PB97121BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	46.3	36.2	54.4

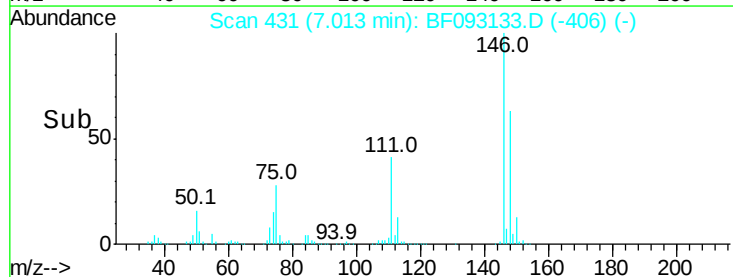
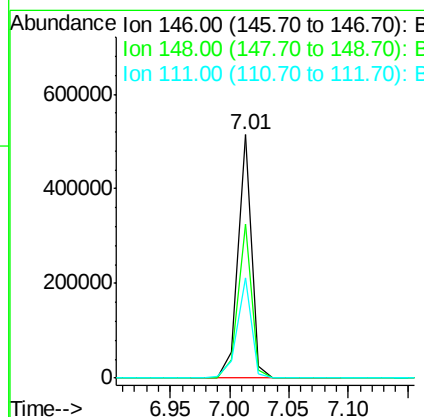
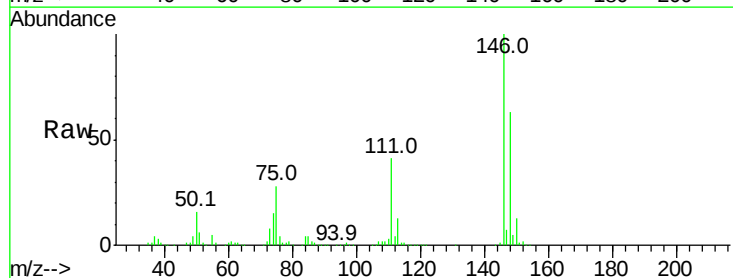
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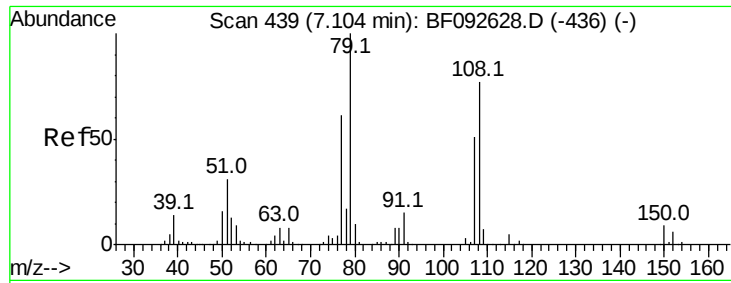
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#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	41.3	36.2	54.2





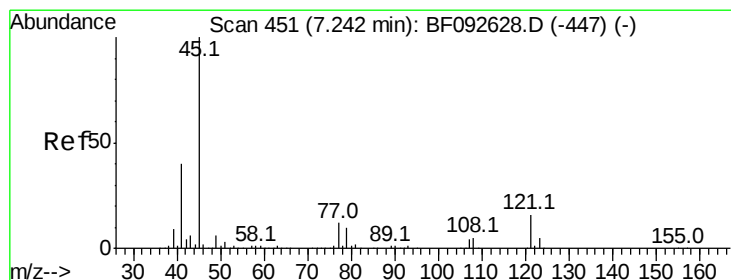
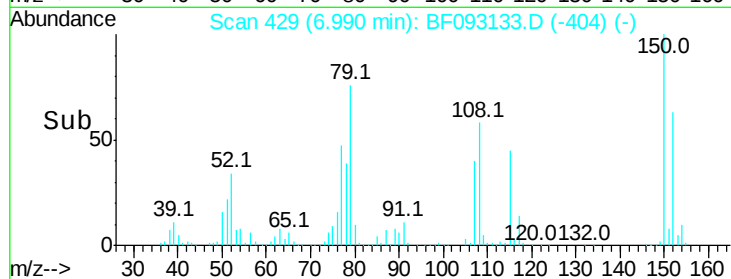
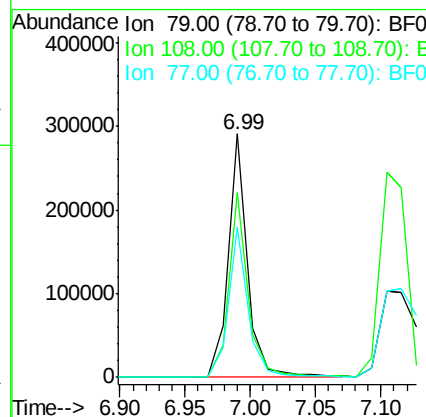
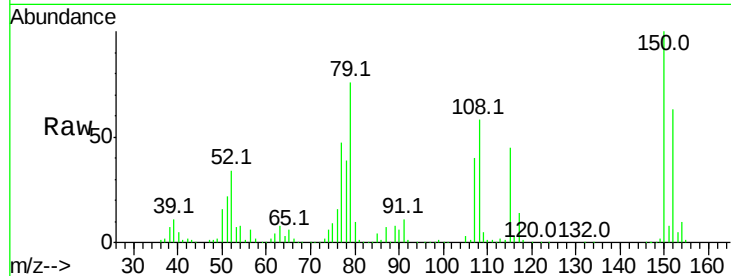
#15
Benzyl Alcohol
Concen: 35.75 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	300450		
108	76.1	61.4	92.0	
77	61.9	50.9	76.3	

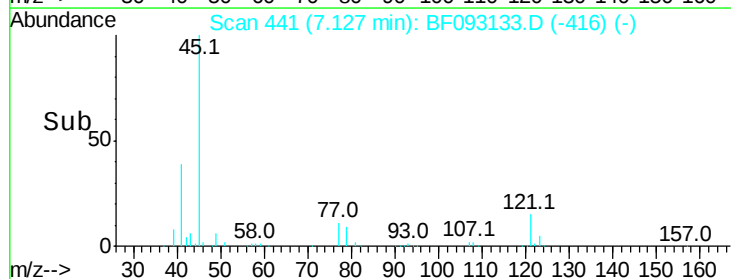
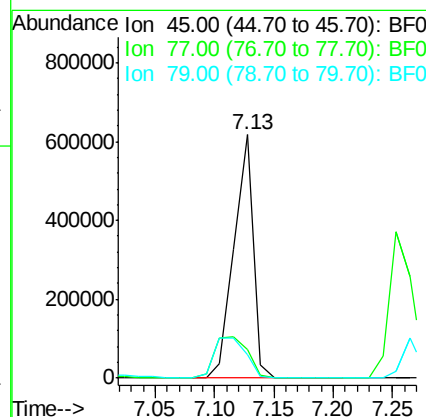
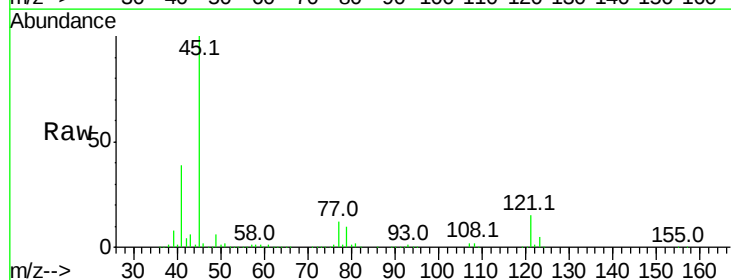
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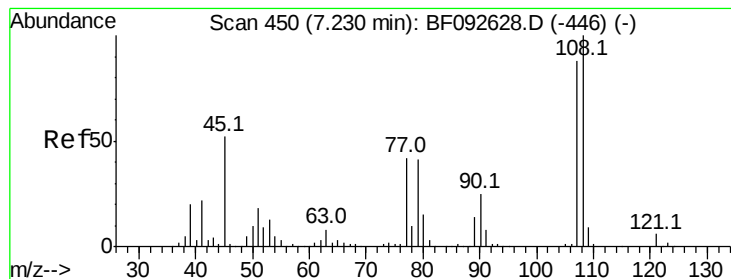
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.95 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	698861		
77	11.8	0.0	34.6	
79	9.8	0.0	31.2	





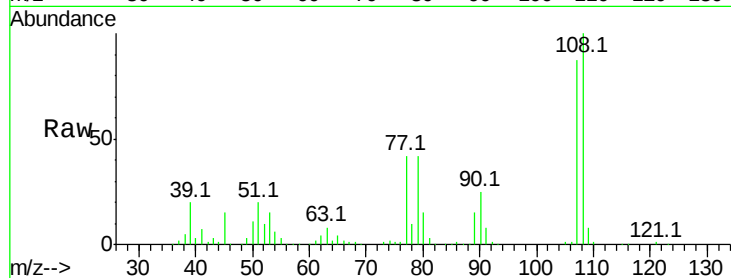
#17
2-Methylphenol
Concen: 36.60 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

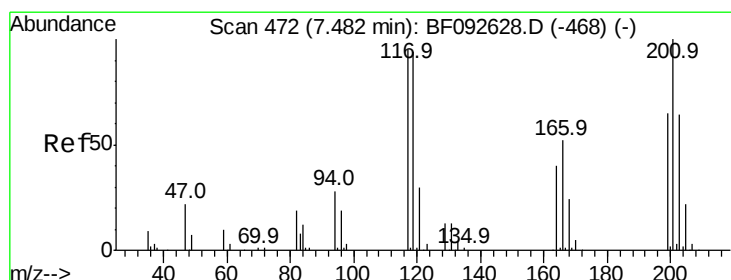
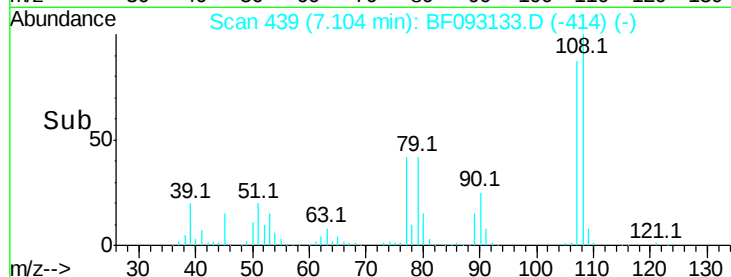
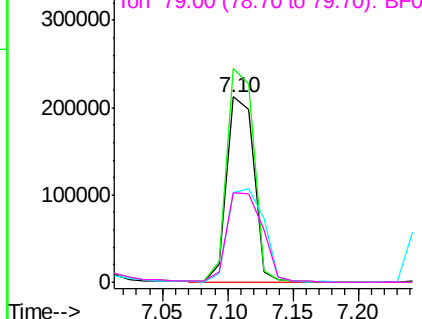
Tot Ion	Ratio	Resp	Lower	Upper
107	100	305597		
108	115.3		93.0	139.6
77	48.6		39.8	59.8
79	48.3		38.0	57.0

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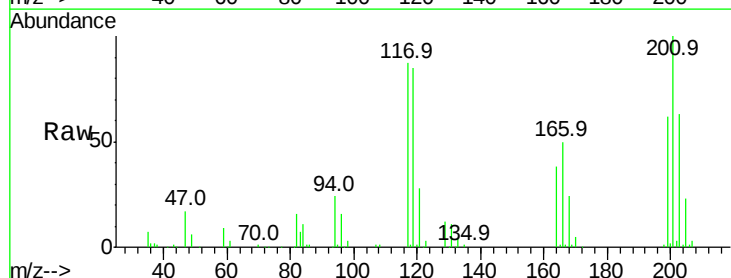


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

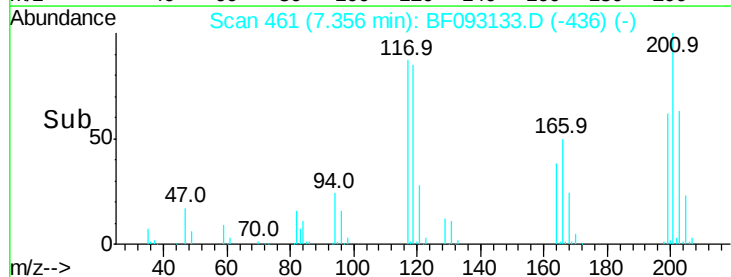
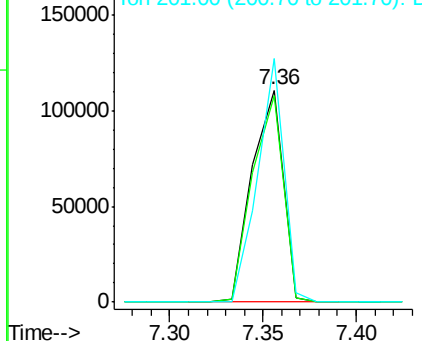


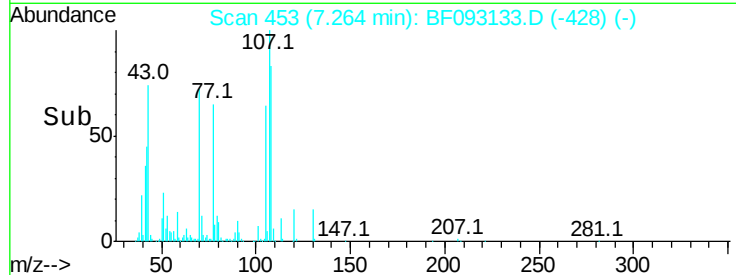
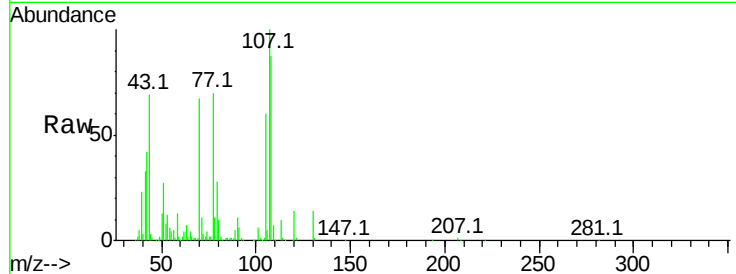
#18
Hexachloroethane
Concen: 32.33 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127332		
119	97.6		78.1	117.1
201	115.0		78.6	117.8



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





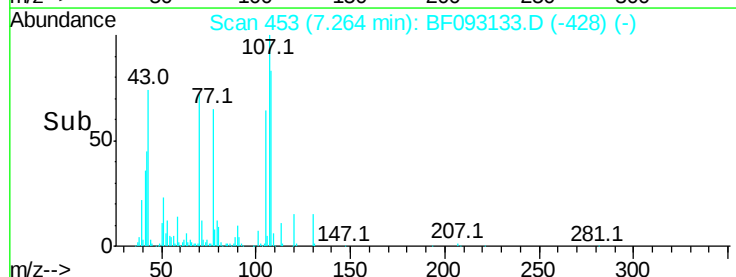
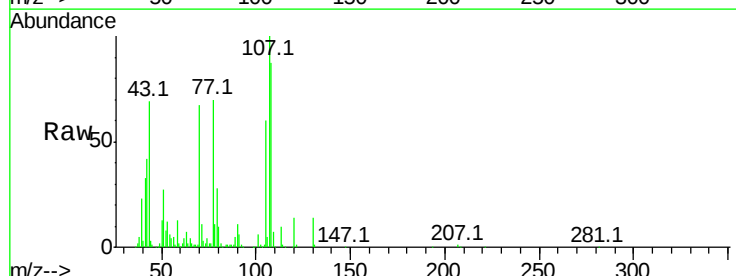
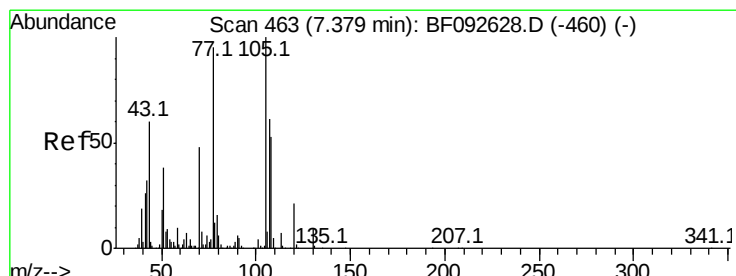
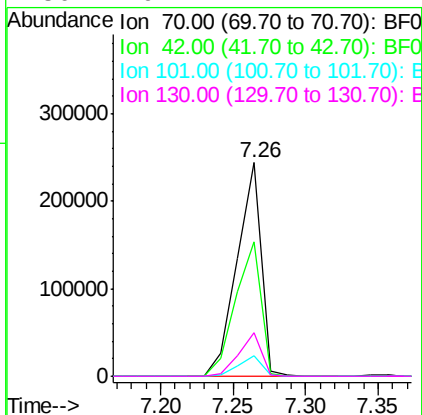
#19
n-Nitroso-di-n-propylamine
Concen: 39.11 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	9.5	7.4	11.2
130	20.7	14.2	21.4

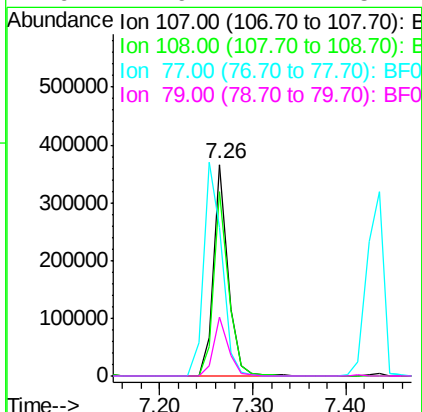
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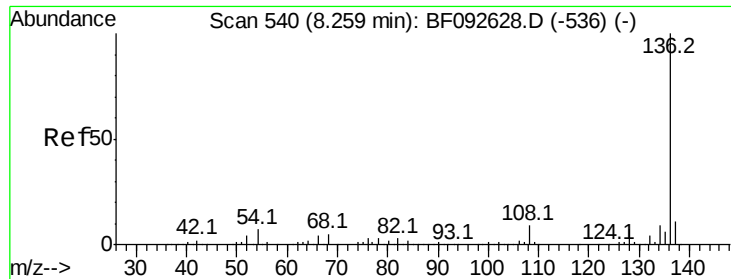
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#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	69.9	71.3	111.3
79	27.6	11.1	51.1





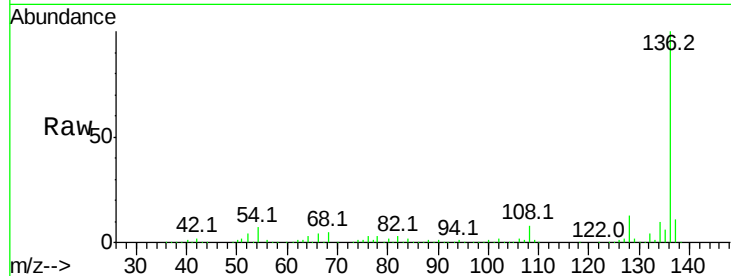
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

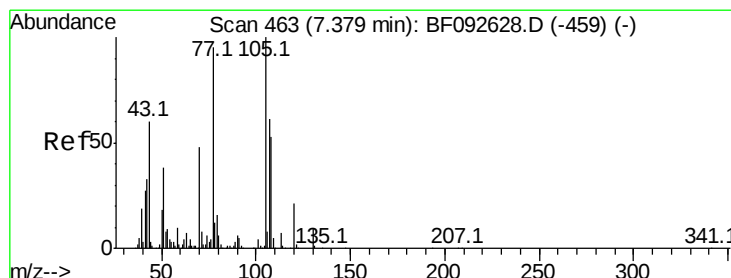
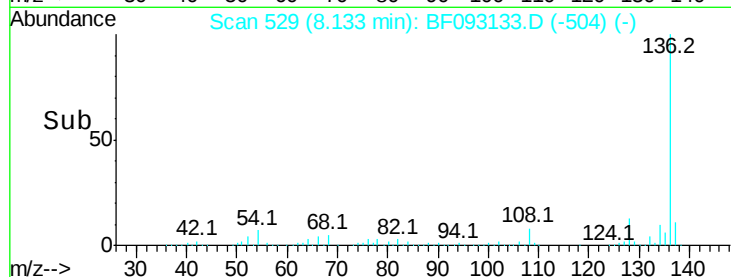
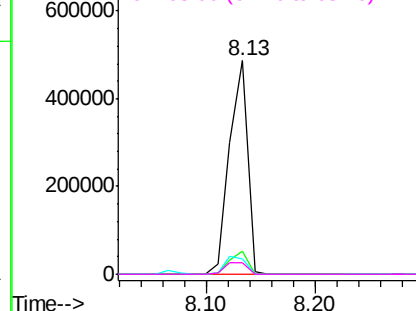
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.2	4.5	6.7
68	5.3	3.6	5.4

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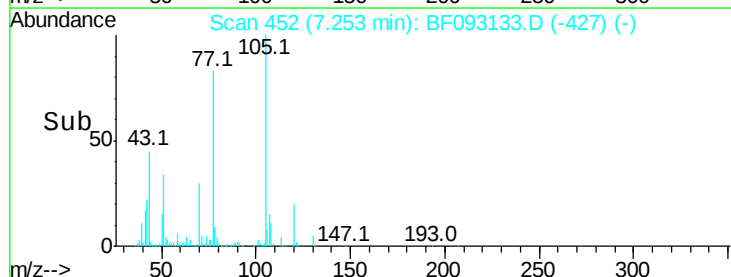
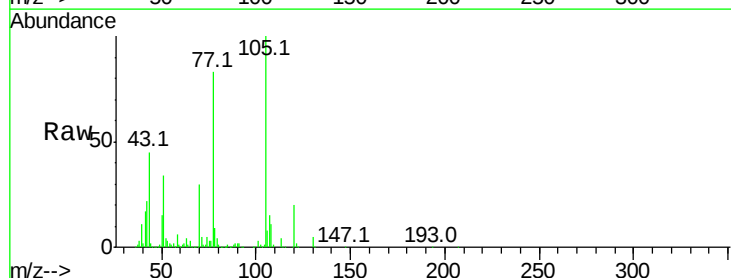
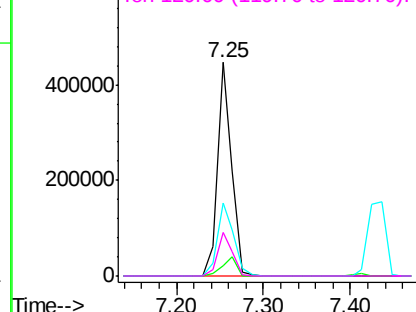
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

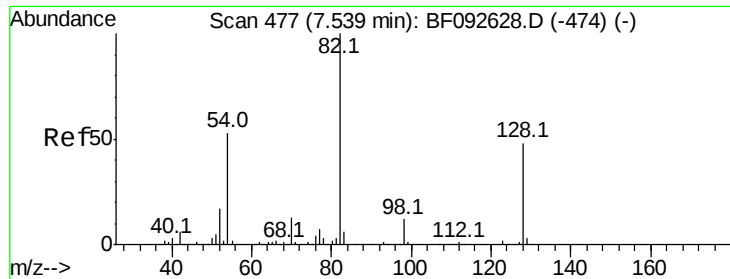


#22
Acetophenone
Concen: 39.52 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.1	3.2	4.8
51	34.3	26.2	39.4
120	20.5	16.6	24.8

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





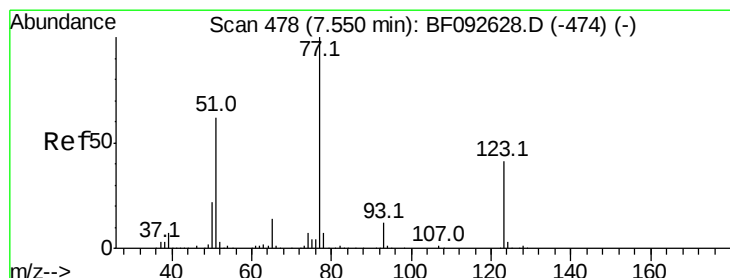
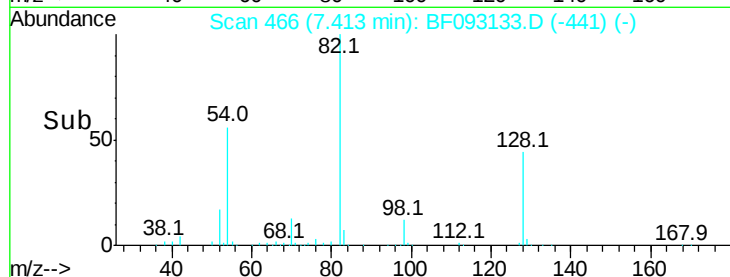
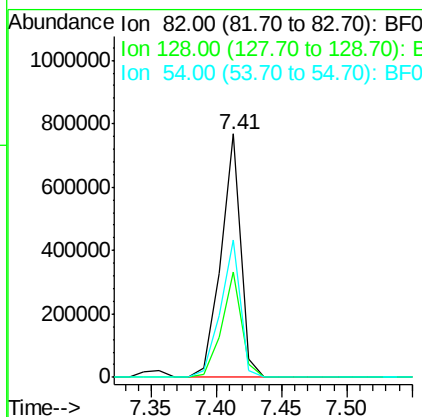
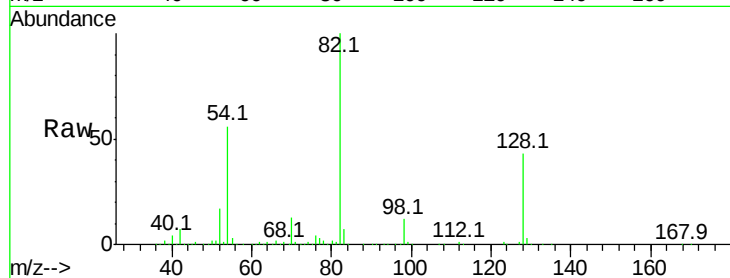
#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampled :
 PB97121BSD

Tot Ion	82	Resp	814418
Ion Ratio	100	Lower	Upper
128	43.5	34.6	52.0
54	56.2	39.5	59.3

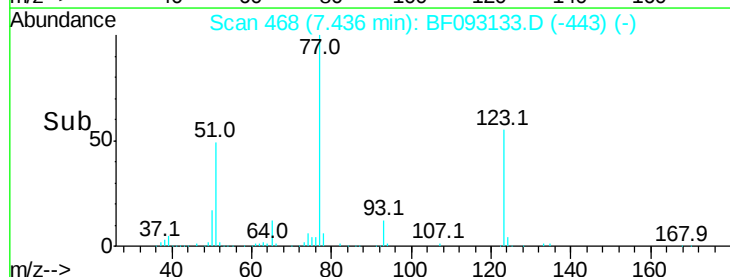
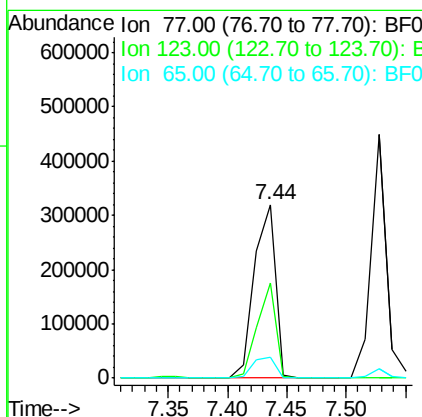
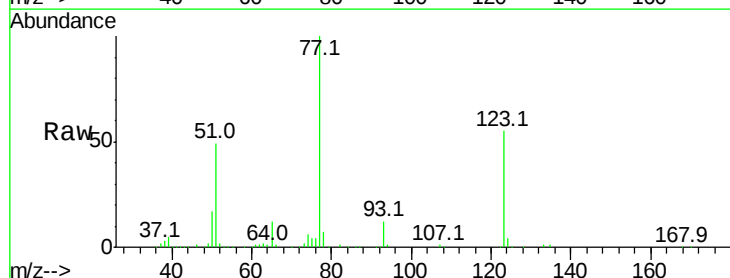
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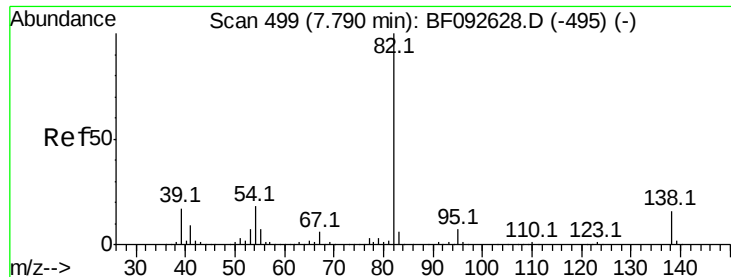
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#24
 Nitrobenzene
 Concen: 38.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	77	Resp	399294
Ion Ratio	100	Lower	Upper
123	54.9	33.0	49.4#
65	12.3	11.2	16.8





#25

Isophorone

Concen: 38.19 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

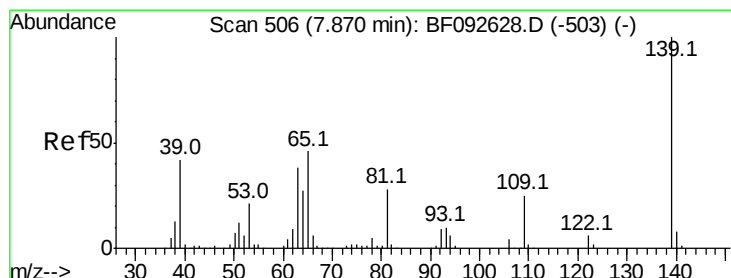
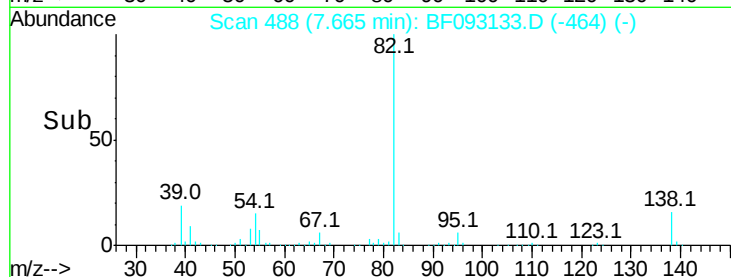
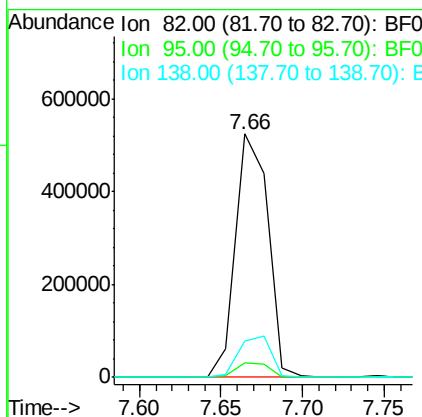
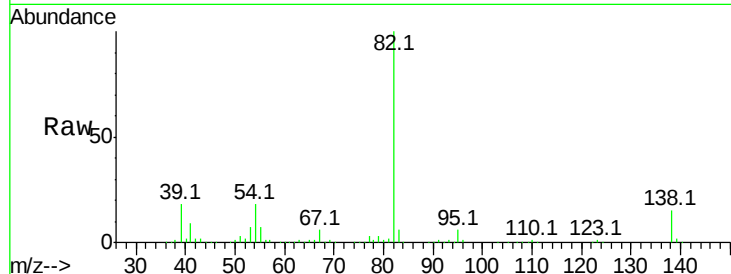
ClientSampleId :

PB97121BSD

Tot Ion:	82	Resp:	719389
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.6	8.4
138	14.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 35.53 ng

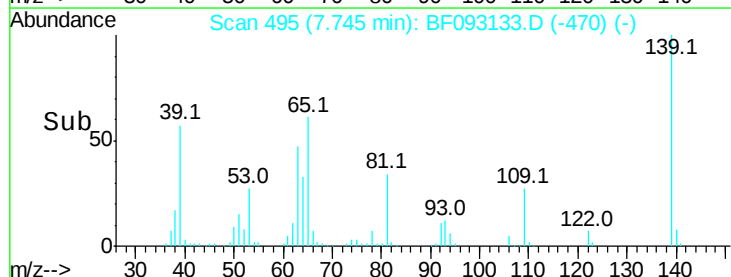
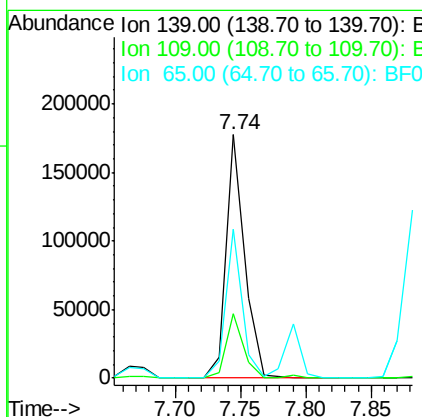
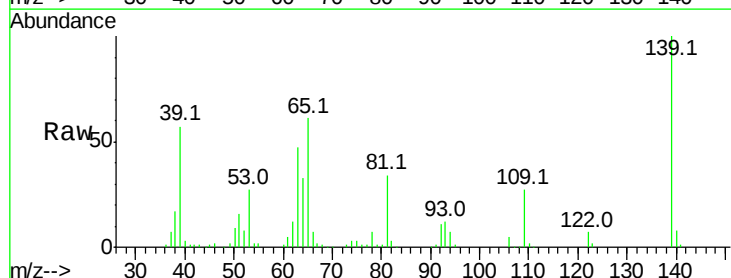
RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	139	Resp:	175282
Ion Ratio		Lower	Upper
139	100		
109	26.6	23.3	34.9
65	60.9	42.7	64.1





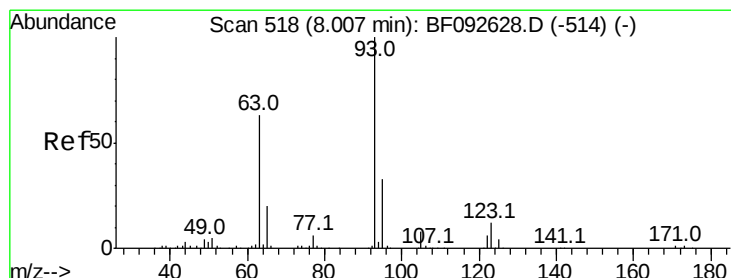
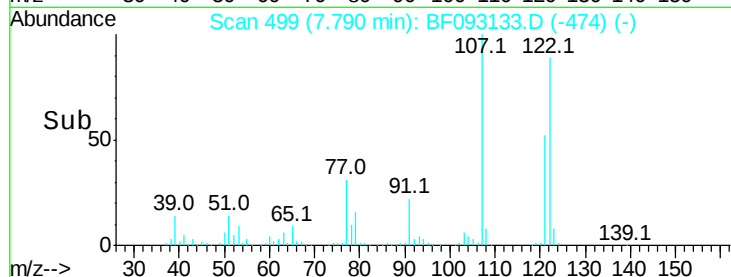
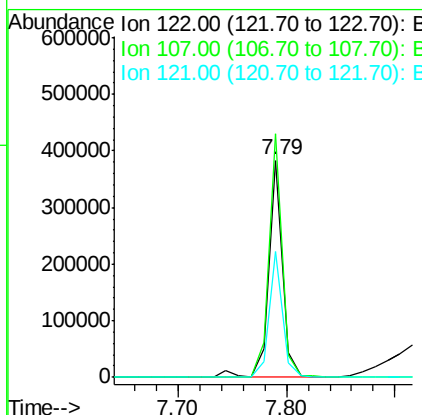
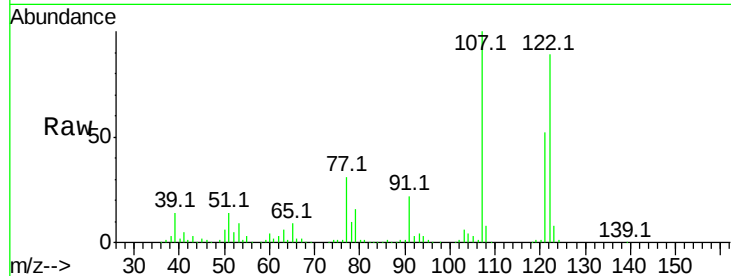
#27
2,4-Dimethylphenol
Concen: 39.73 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	344262		
107	112.3	94.1	141.1	
121	58.1	46.0	69.0	

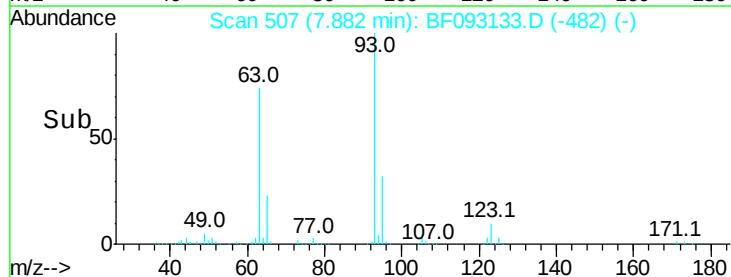
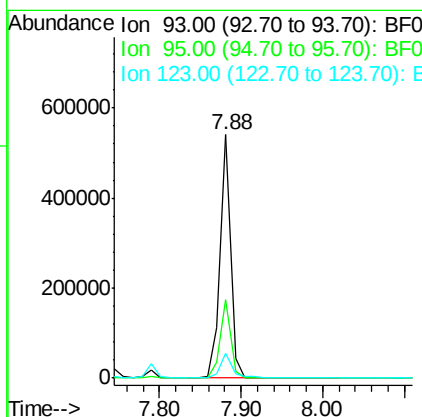
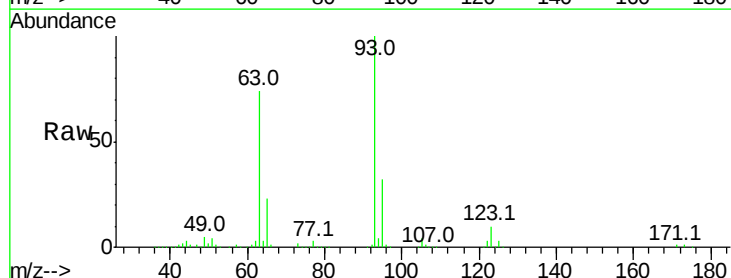
Manual Integrations
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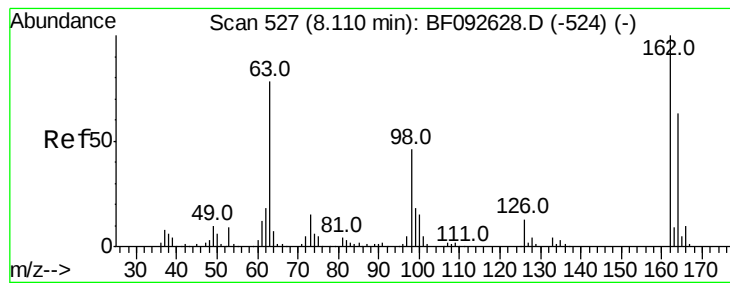
mohammad
2/24/2017 2:11:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.87 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484829		
95	32.4	26.5	39.7	
123	10.1	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 39.04 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

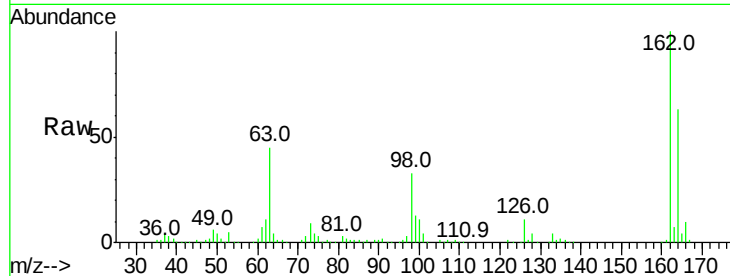
ClientSampleId :

PB97121BSD

Tot Ion:	162	Resp:	315520
Ion Ratio	Lower	Upper	
162	100		
164	63.4	46.8	86.8
98	32.8	9.1	49.1

Manual Integrations
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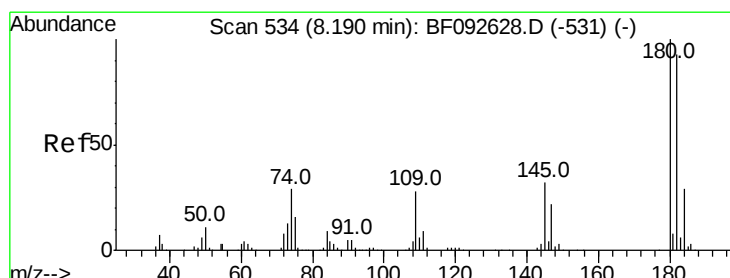
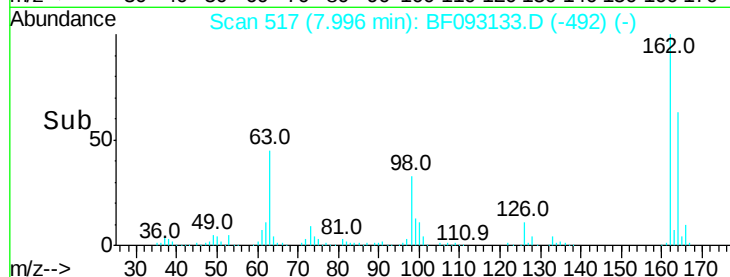
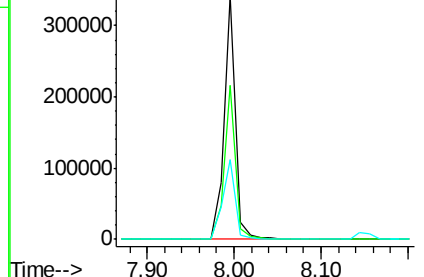
mohammad
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.33 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF093133.D

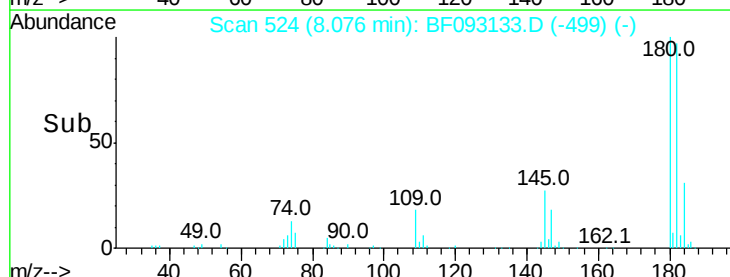
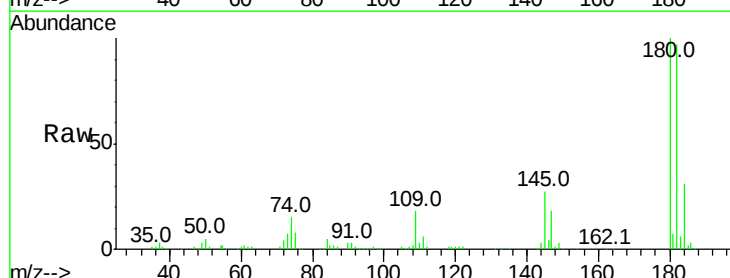
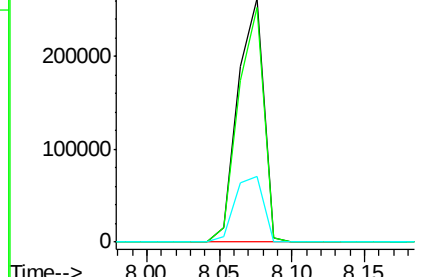
Acq: 24 Feb 2017 6:30

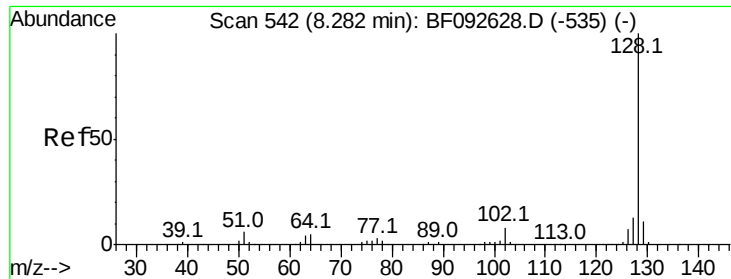
Tgt Ion:	180	Resp:	325113
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.2	117.4
145	26.8	21.6	32.4

Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





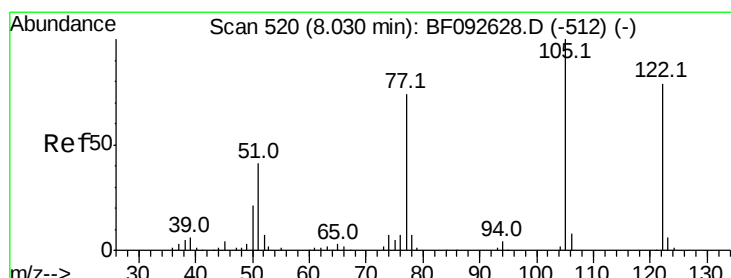
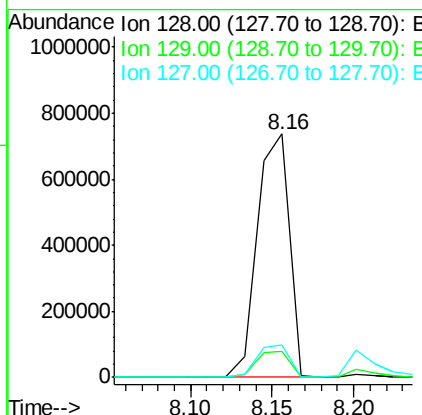
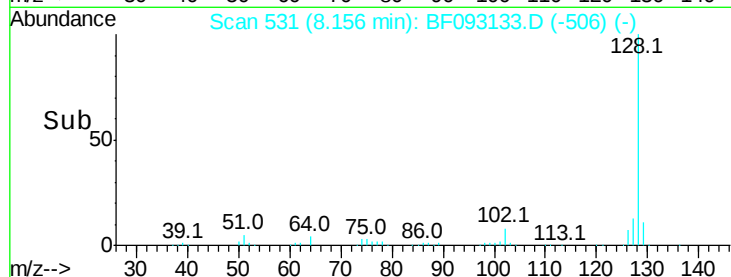
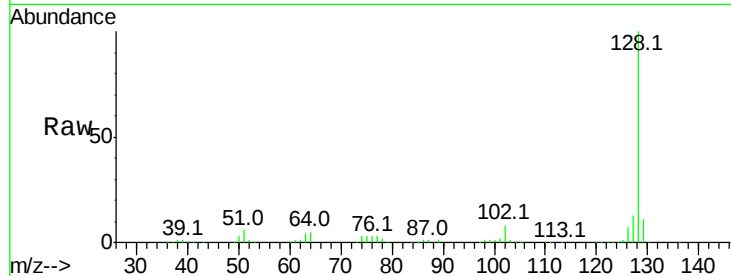
#31
Naphthalene
Concen: 35.28 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion:128 Resp: 1006734
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.4 10.8 16.2

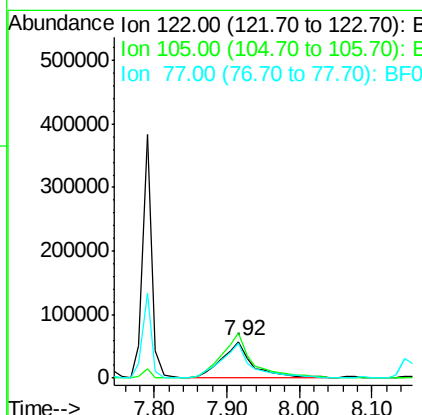
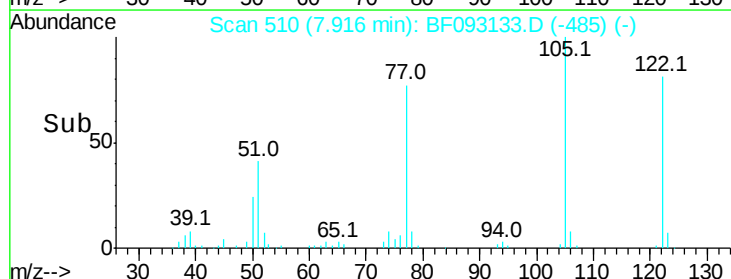
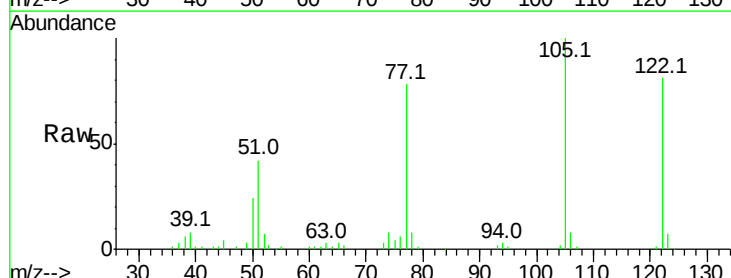
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#32
Benzoic acid
Concen: 35.61 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion:122 Resp: 164129
Ion Ratio Lower Upper
122 100
105 122.8 107.2 147.2
77 96.4 74.5 114.5





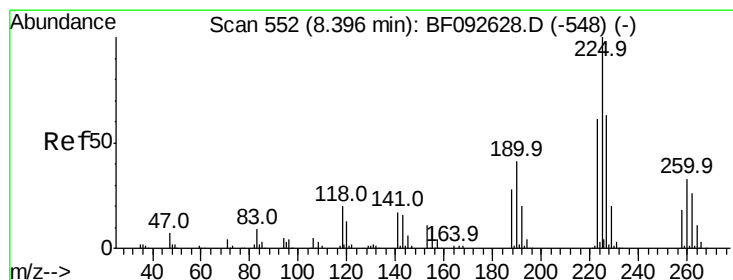
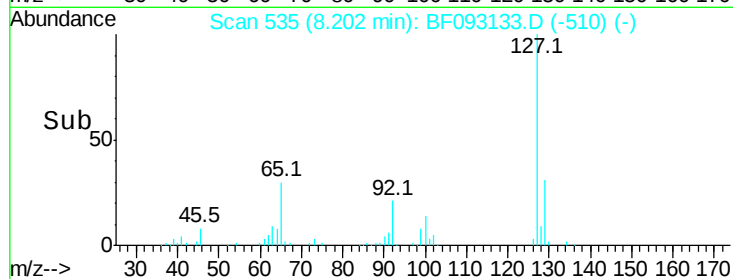
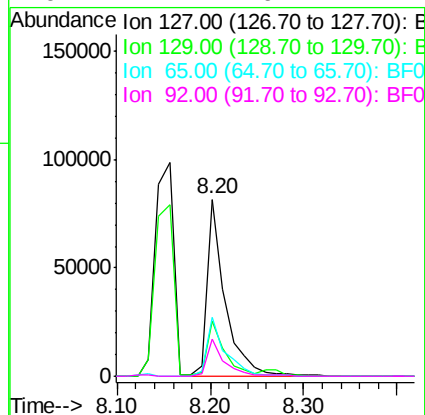
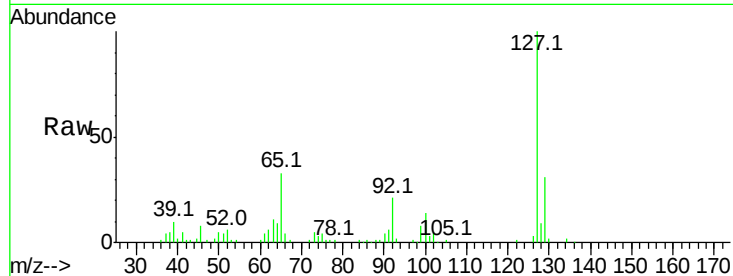
#33
4-Chloroaniline
Concen: 9.92 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.3	39.5	
65	33.4	25.8	38.8	
92	21.1	16.1	24.1	

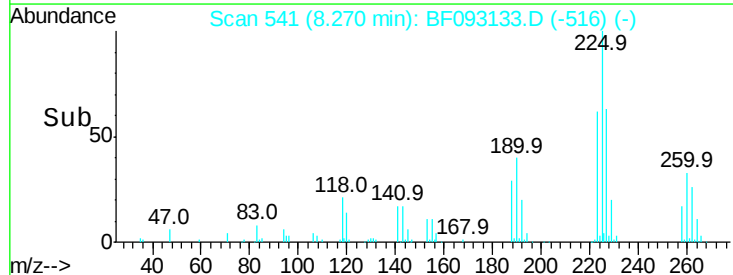
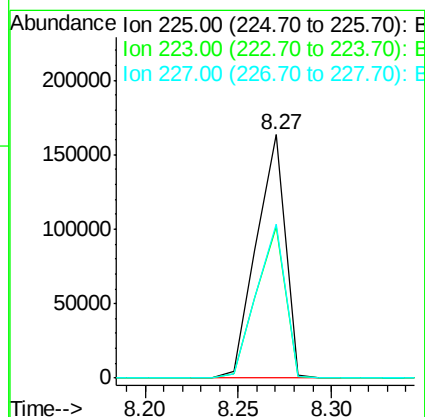
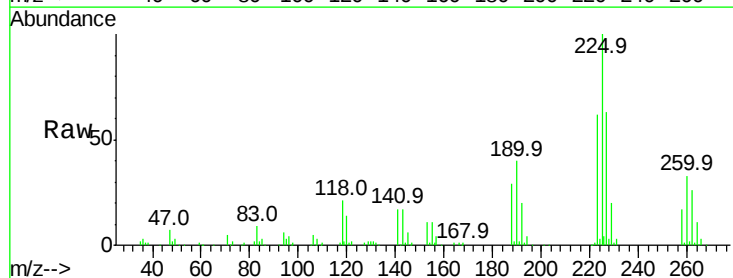
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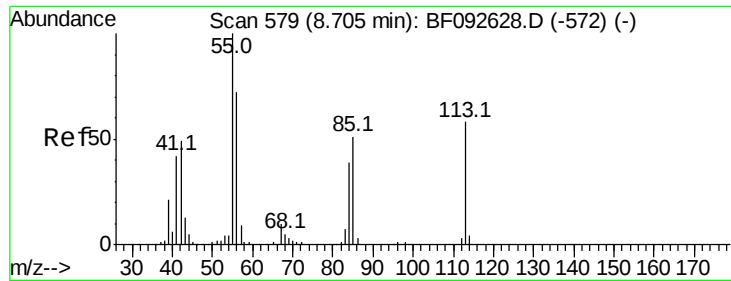
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#34
Hexachlorobutadiene
Concen: 36.43 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	51.0	76.6	
227	63.2	50.6	76.0	





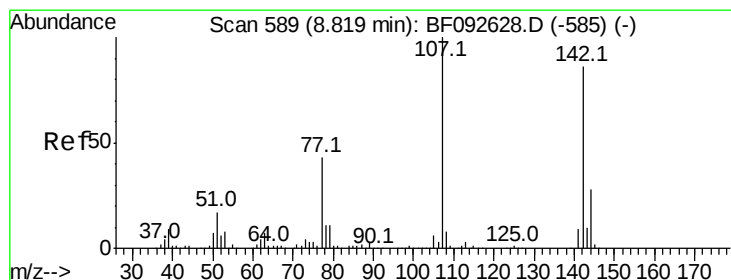
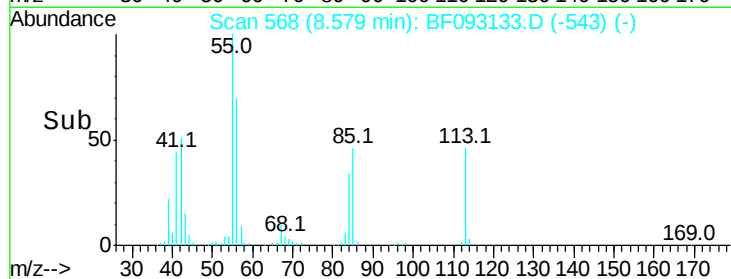
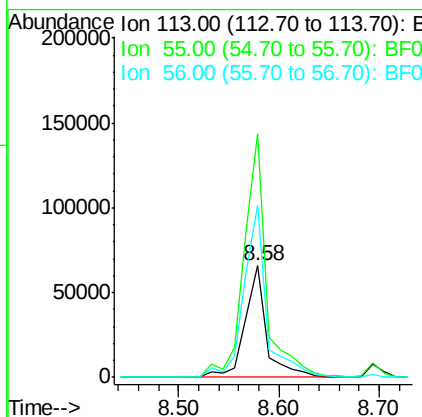
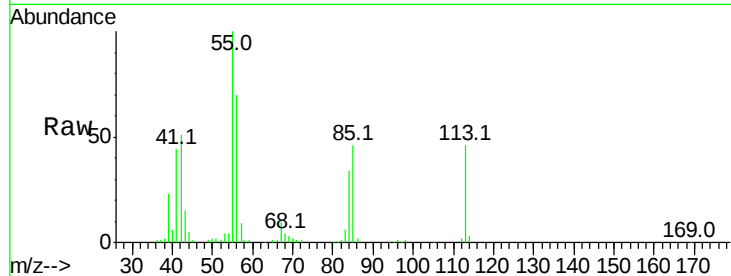
#35
Caprolactam
Concen: 38.52 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.1	119.2	159.2#
56	153.5	83.8	123.8#

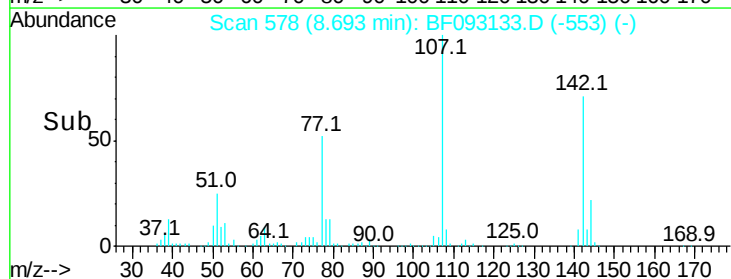
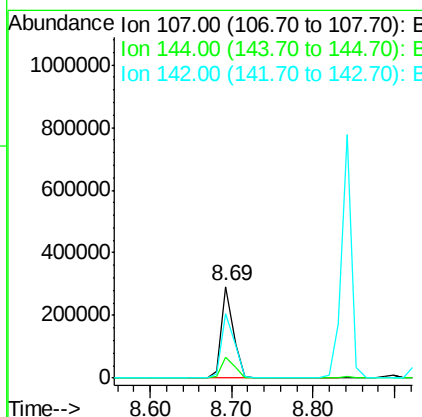
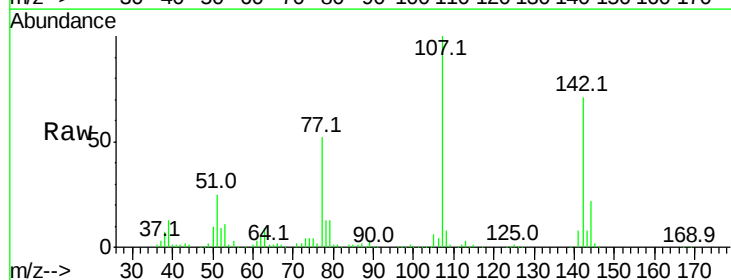
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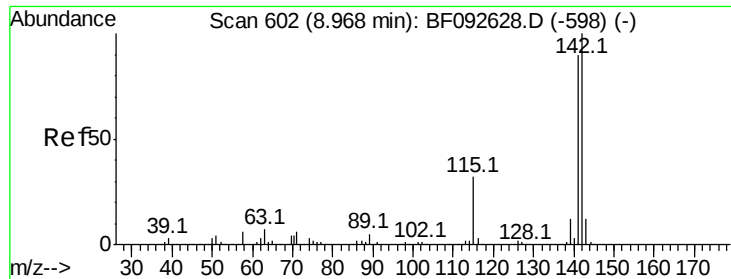
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#36
4-Chloro-3-methylphenol
Concen: 35.48 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.3	28.9
142	70.7	59.0	88.6





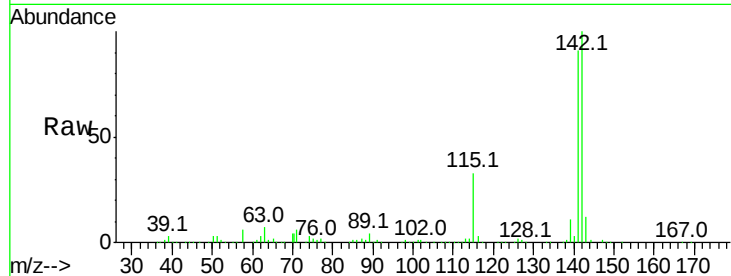
#37
2-Methylnaphthalene
Concen: 37.45 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleID :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	686092		
141	91.3		71.0	106.6
115	32.6		28.3	42.5

Manual Integrations
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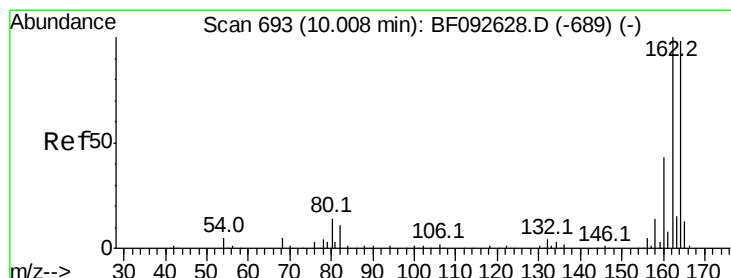
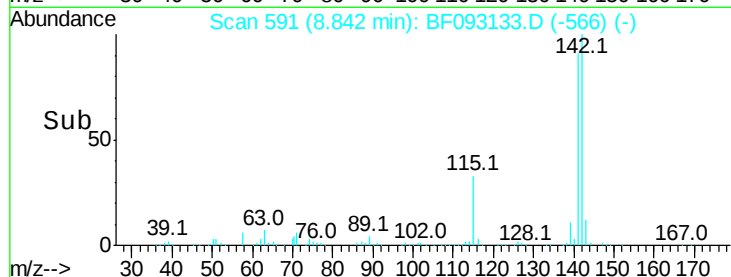
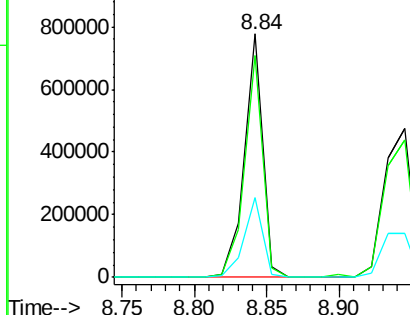


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

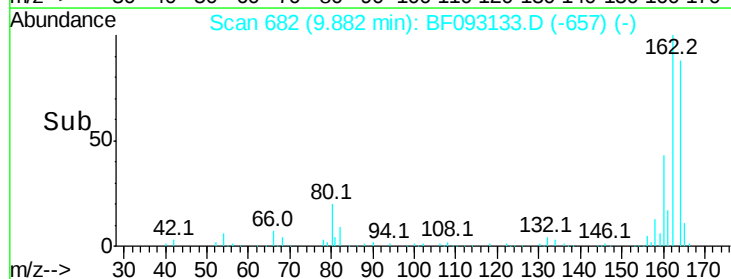
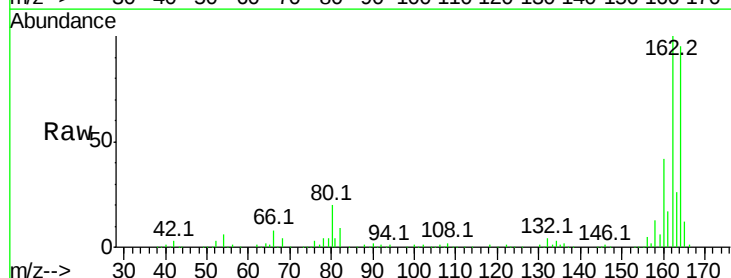
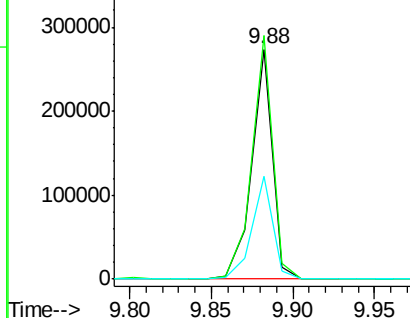
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239643		
162	105.8		80.2	120.2
160	44.9		36.9	55.3

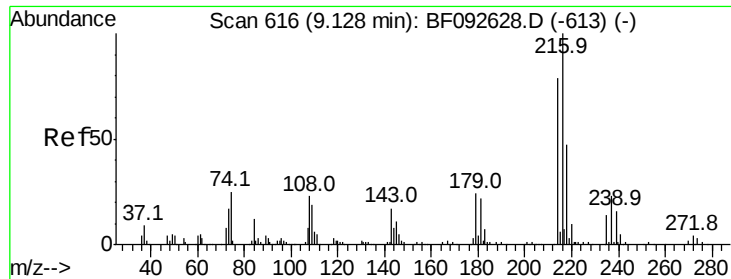
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





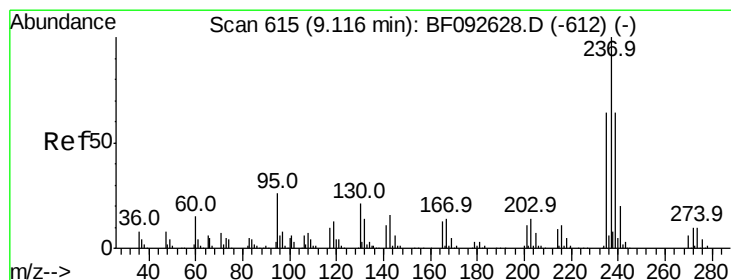
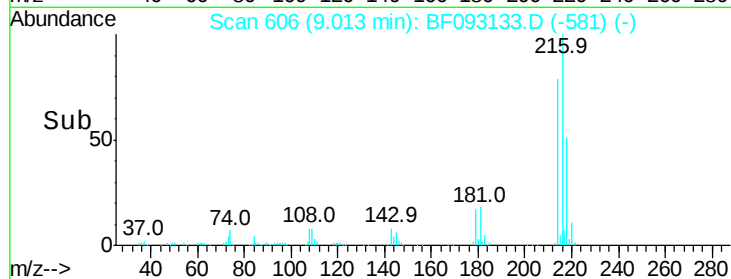
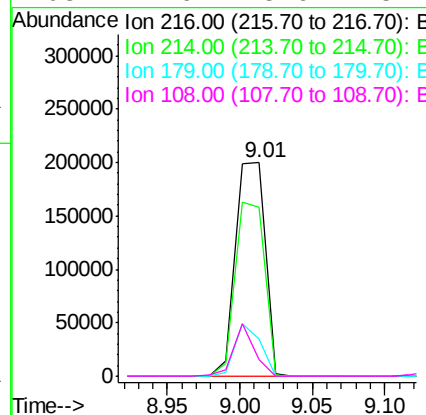
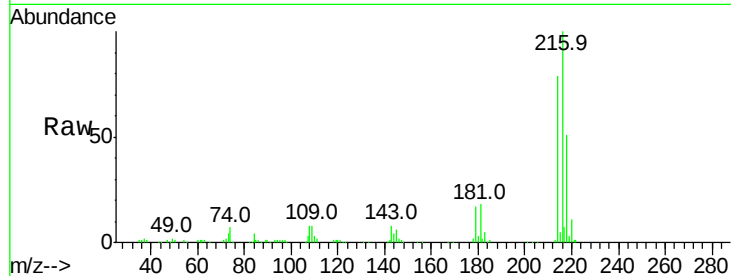
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	285384		
214	80.7	63.4	95.0	
179	21.2	17.4	26.2	
108	17.6	15.6	23.4	

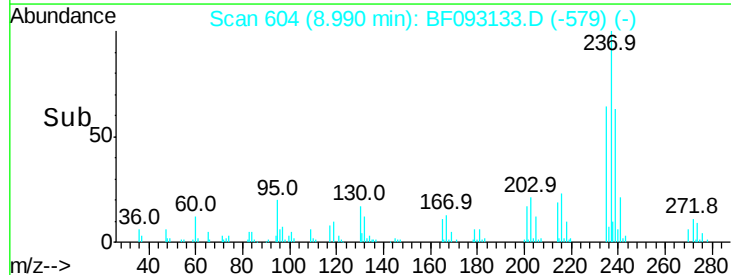
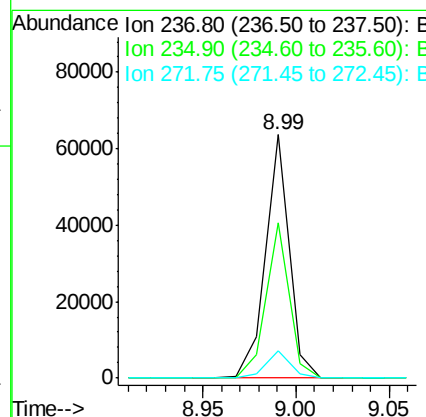
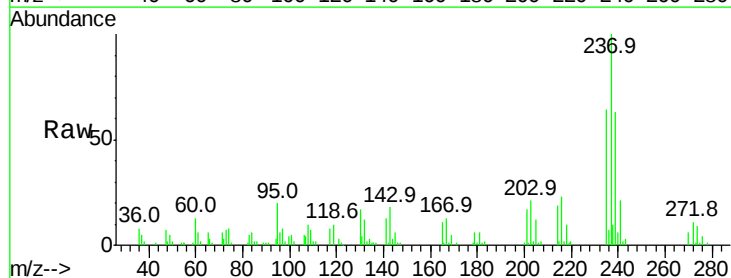
Manual Integrations
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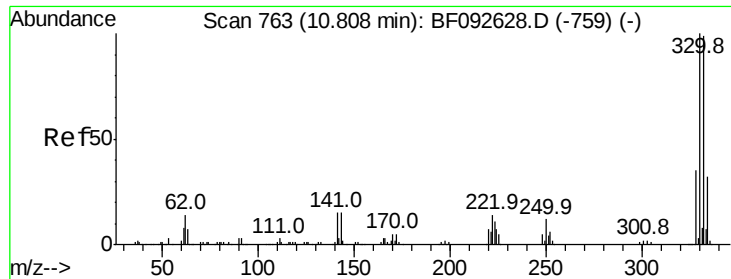
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#40
 Hexachlorocyclopentadiene
 Concen: 18.33 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	55618		
235	63.7	41.2	81.2	
272	11.4	0.0	35.4	





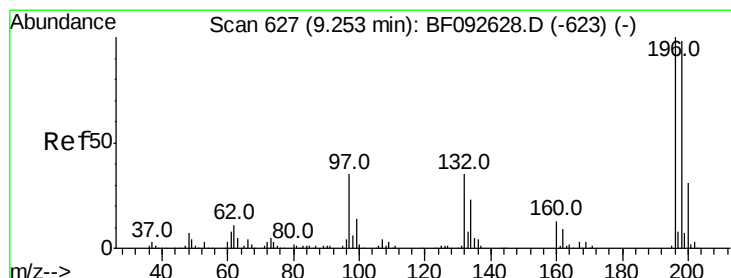
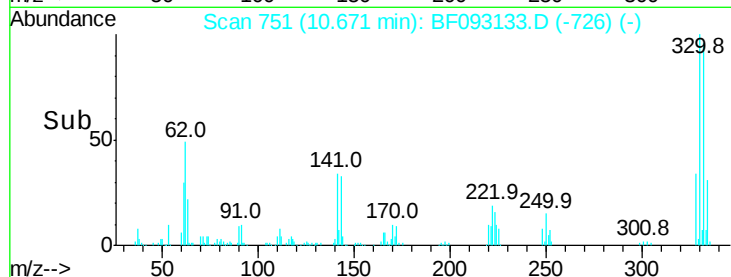
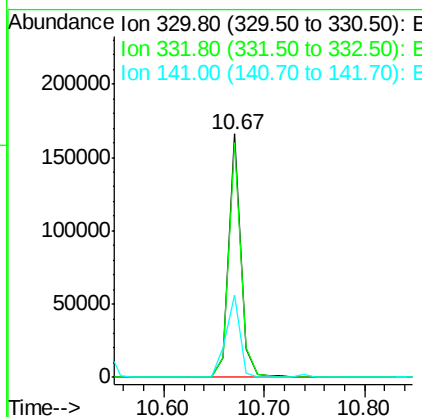
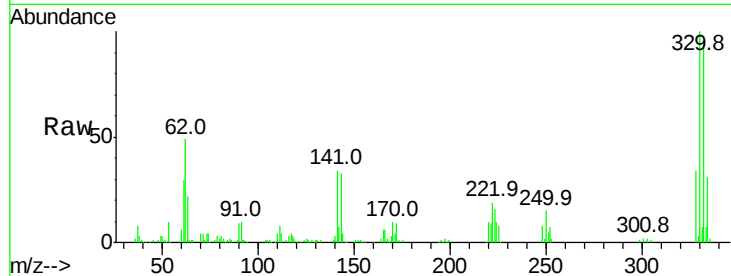
#41
 2,4,6-Tribromophenol
 Concen: 80.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.4	116.2	
141	40.0	34.1	51.1	

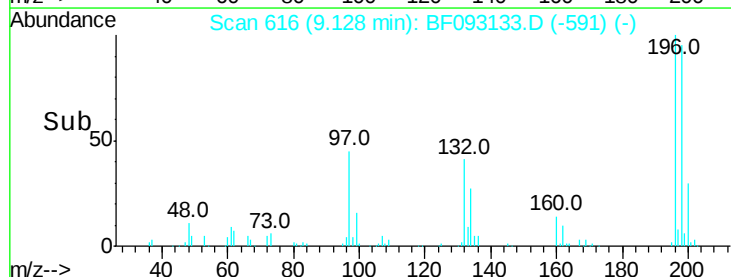
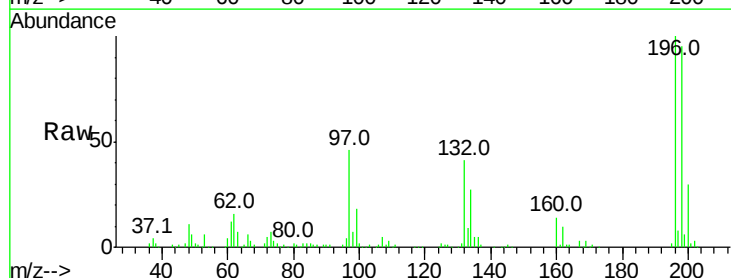
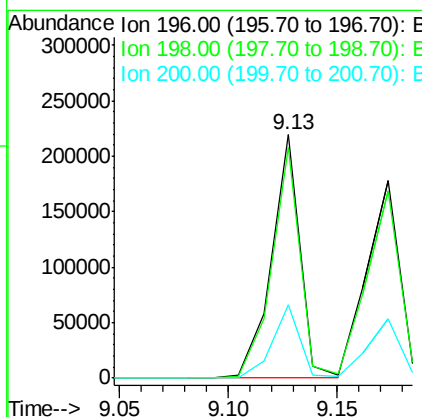
Manual Integrations
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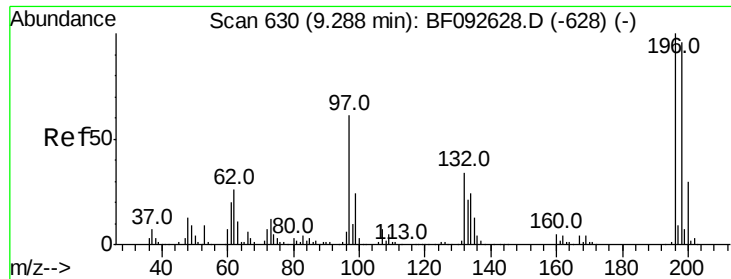
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#42
 2,4,6-Trichlorophenol
 Concen: 45.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.0	82.1	123.1	
200	30.1	27.0	40.4	





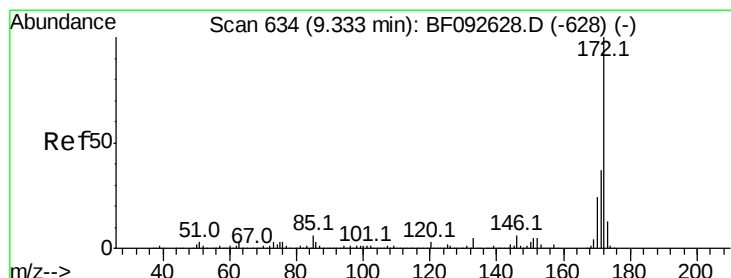
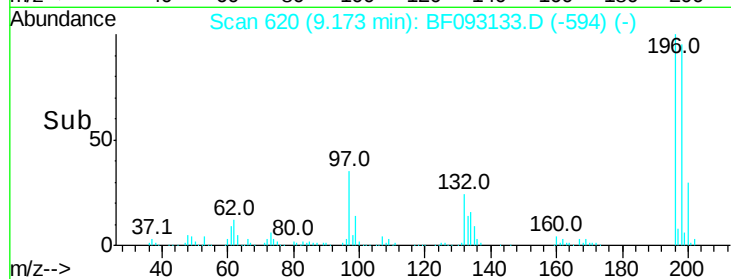
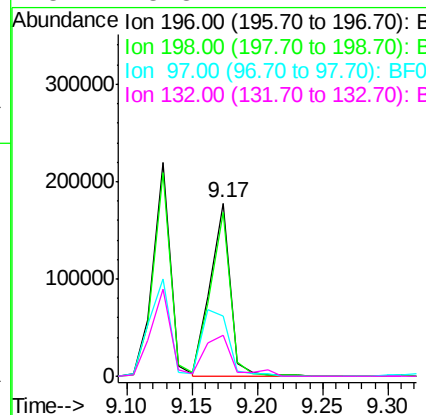
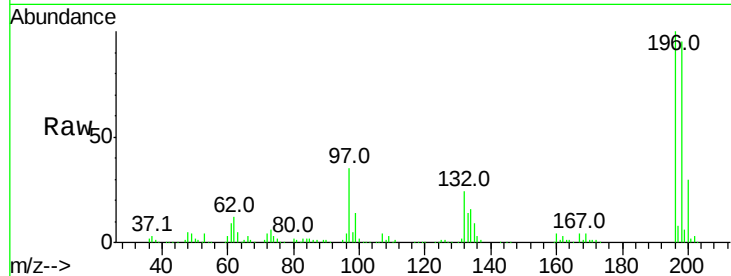
#43
 2,4,5-Trichlorophenol
 Concen: 39.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192656		
198	94.7	79.4	119.2	
97	35.0	51.5	77.3#	
132	23.8	27.4	41.2#	

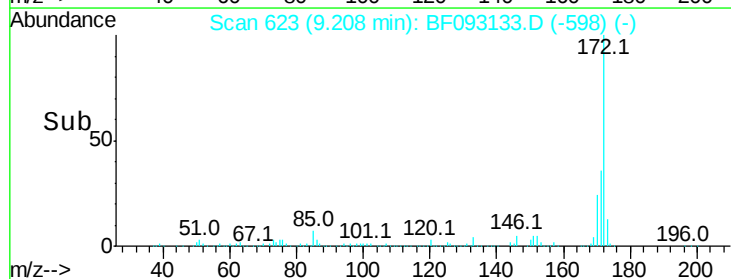
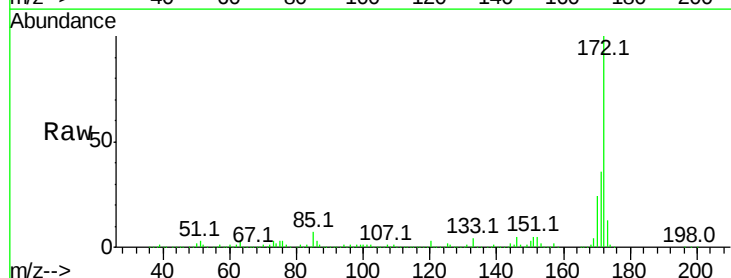
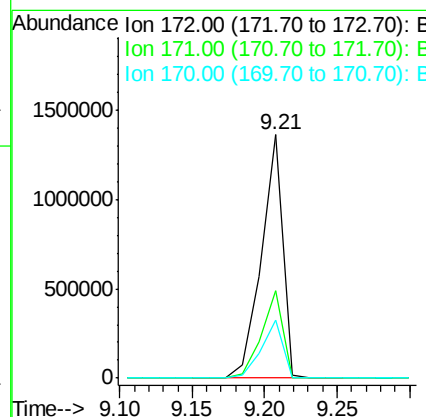
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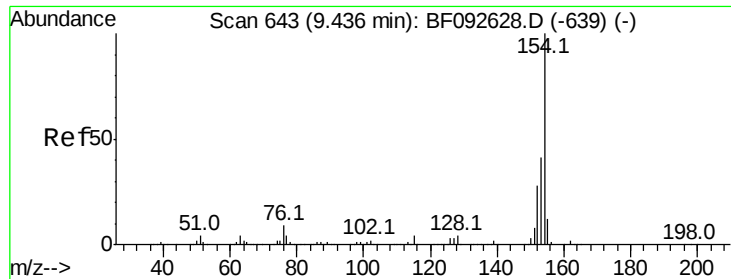
mohammad
 2/24/2017 2:11:39 PM



#44
 2-Fluorobiphenyl
 Concen: 104.99 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1388755		
171	36.0	29.4	44.0	
170	24.0	20.2	30.4	





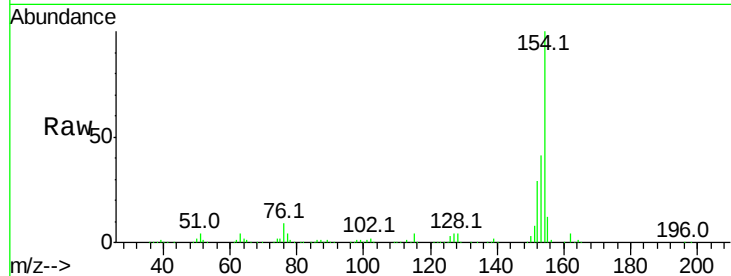
#45
 1,1'-Biphenyl
 Concen: 43.90 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

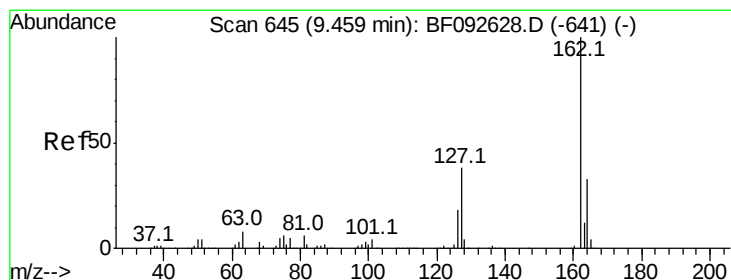
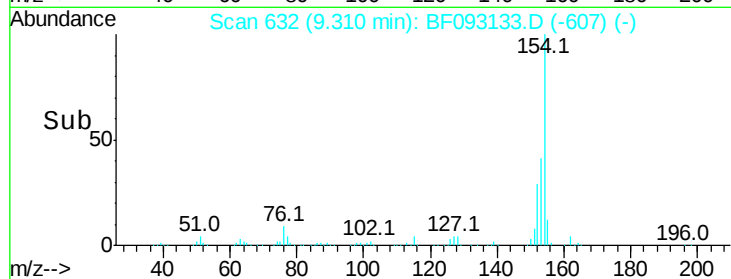
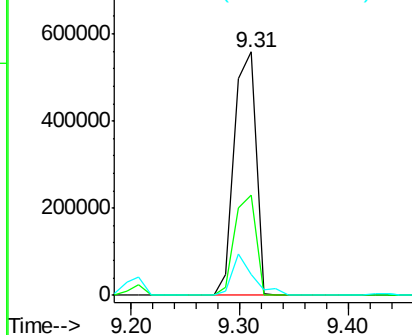
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	20.9	60.9	
76	8.7	0.0	30.5	

Manual Integrations
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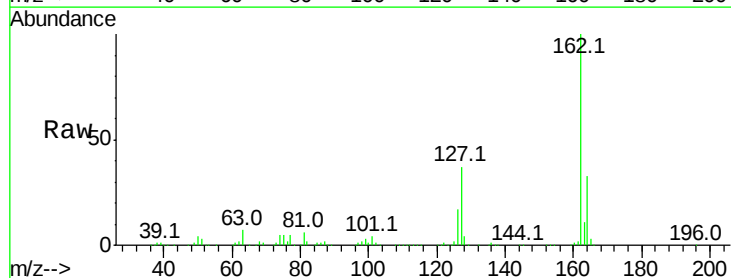


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

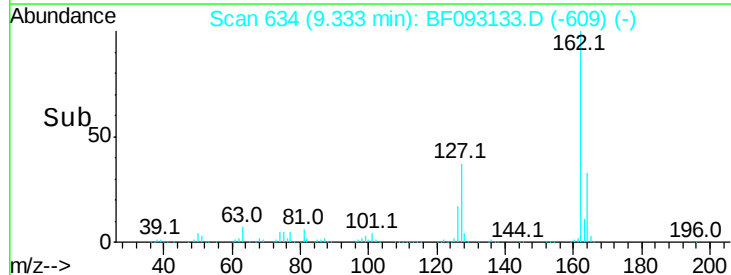
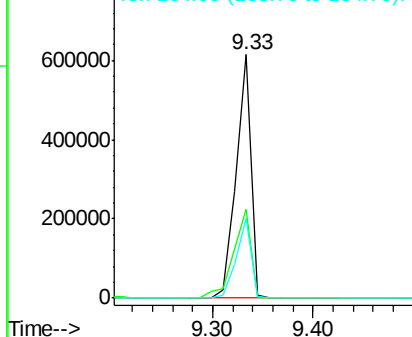


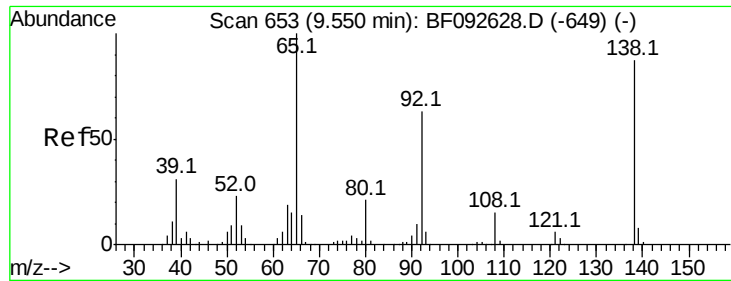
#46
 2-Chloronaphthalene
 Concen: 46.35 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.7	30.7	46.1	
164	32.8	27.6	41.4	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





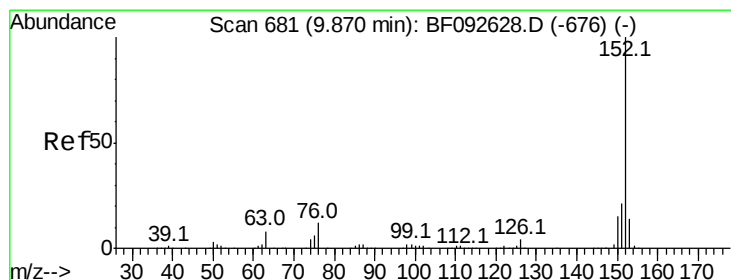
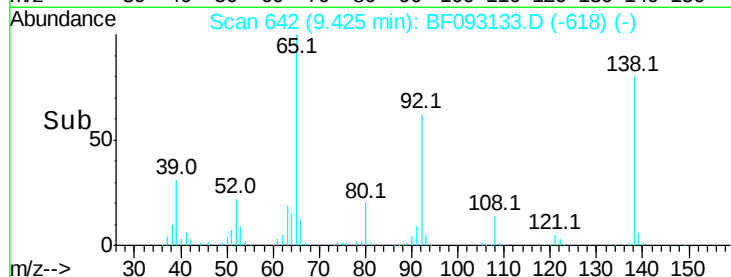
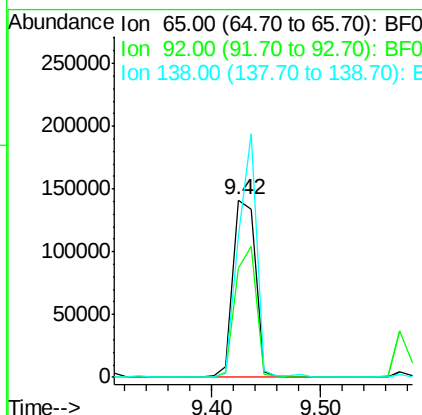
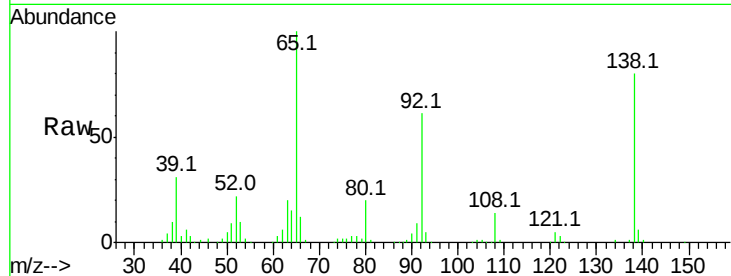
#47
2-Nitroaniline
Concen: 44.05 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	53.9	80.9
138	79.6	76.8	115.2

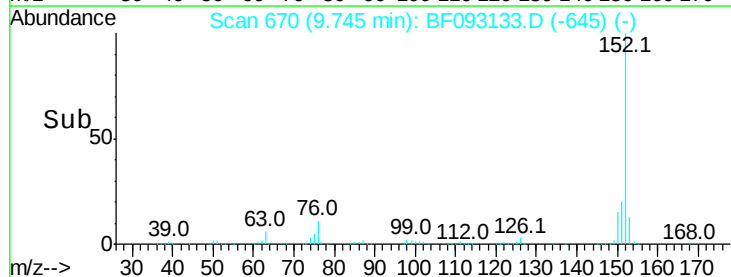
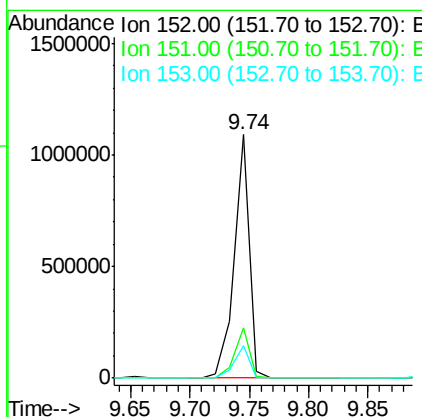
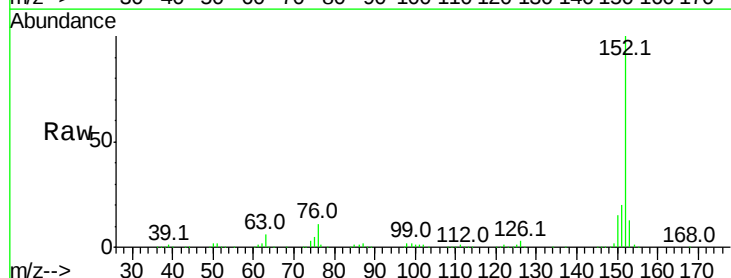
Manual Integrations
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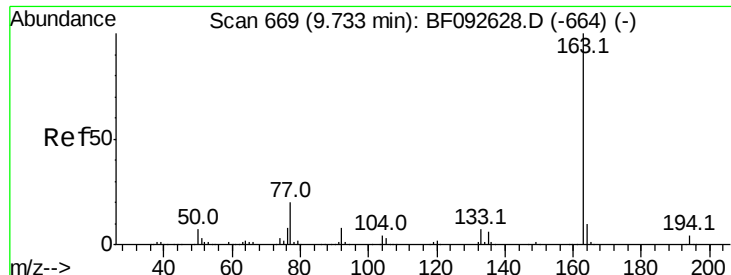
mohammad
2/24/2017 2:11:39 PM



#48
Acenaphthylene
Concen: 40.98 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.4	11.4	17.2





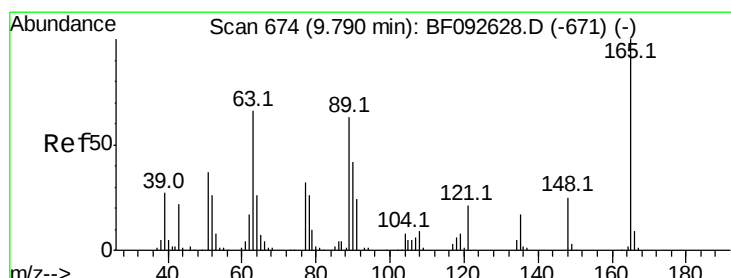
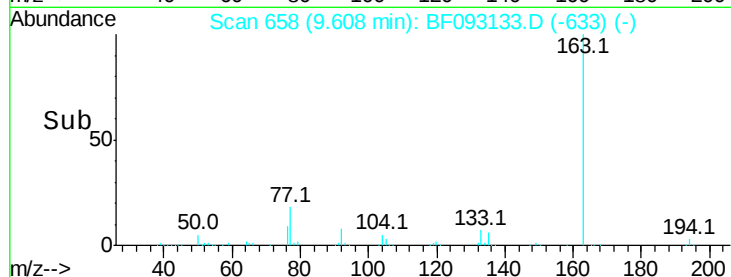
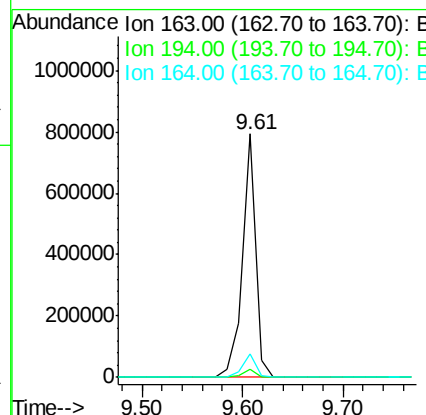
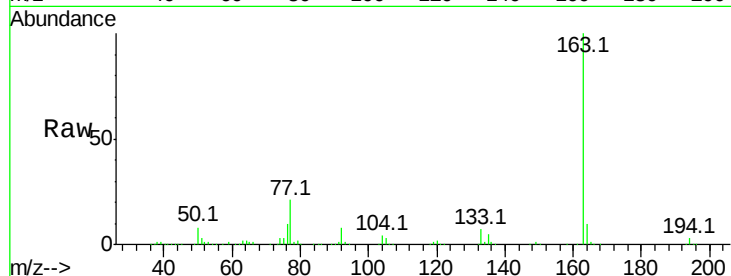
#49
Dimethylphthalate
Concen: 44.88 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.0	4.4
164	9.9	8.0	12.0

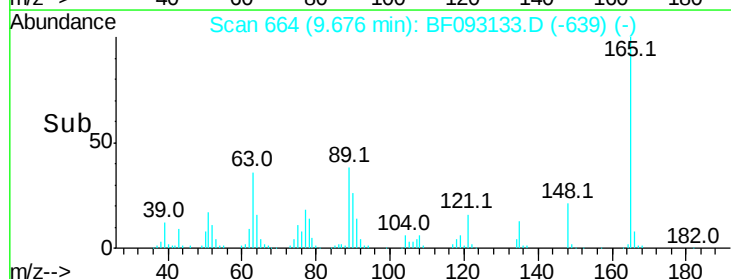
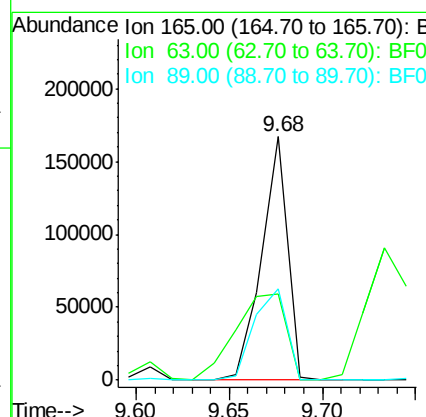
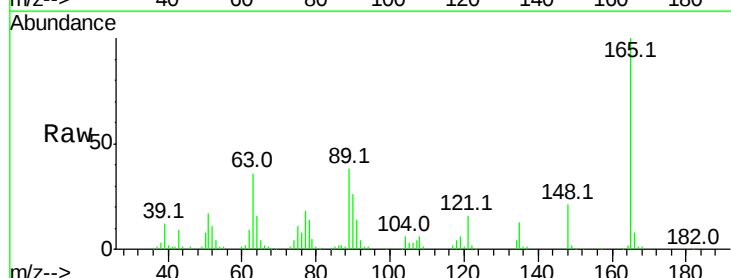
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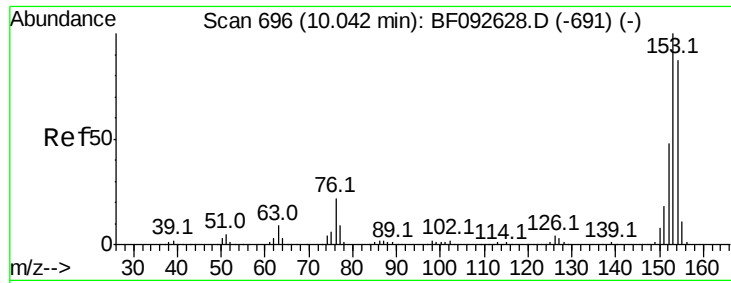
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.76 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.5	36.2	54.4#
89	37.7	40.2	60.4#





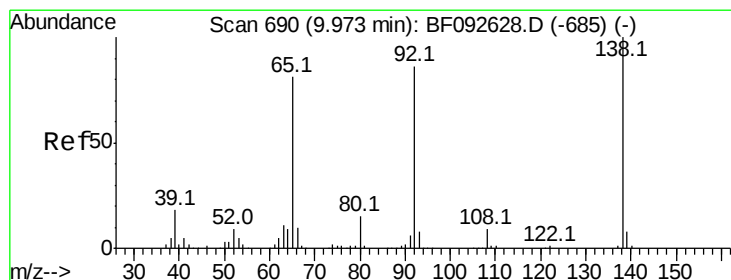
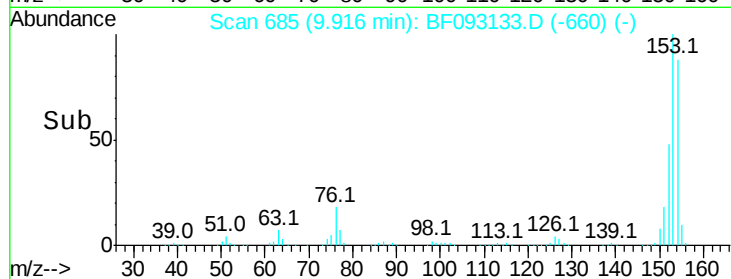
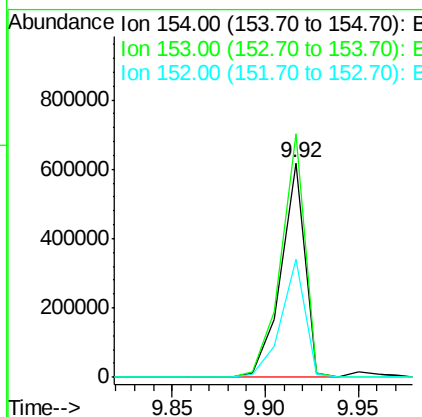
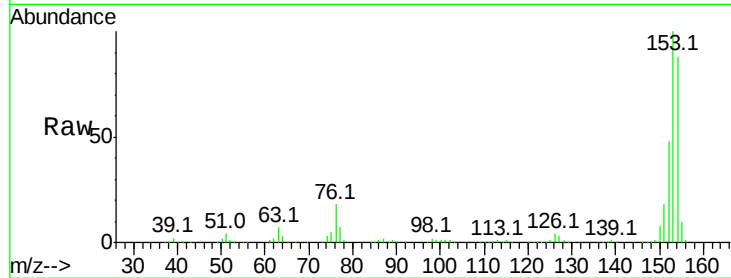
#51
Acenaphthene
Concen: 39.77 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	88.6	133.0
152	54.9	41.6	62.4

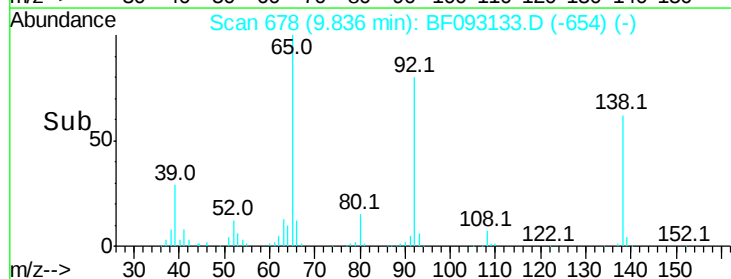
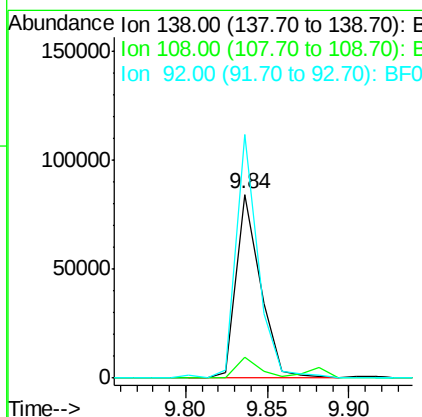
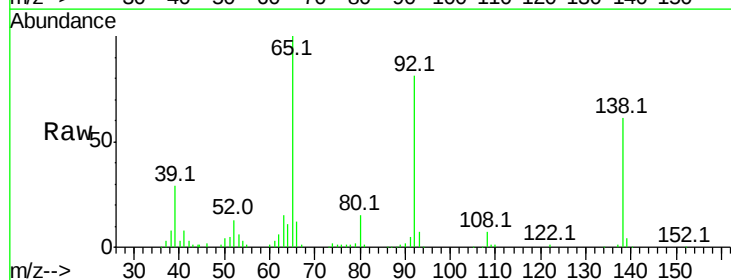
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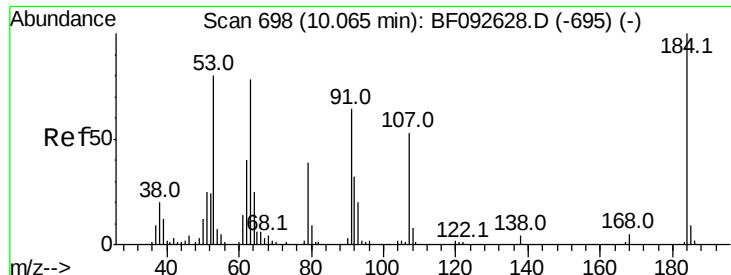
mohammad
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#52
3-Nitroaniline
Concen: 21.64 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.5	12.7
92	132.5	97.8	146.8





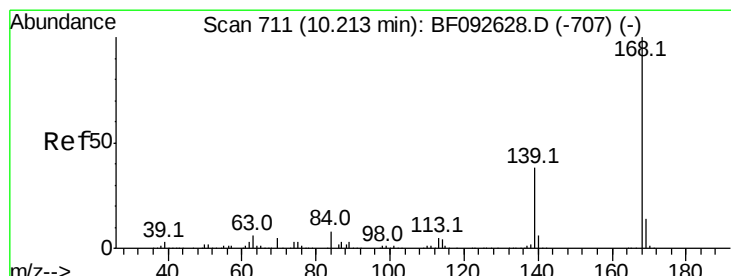
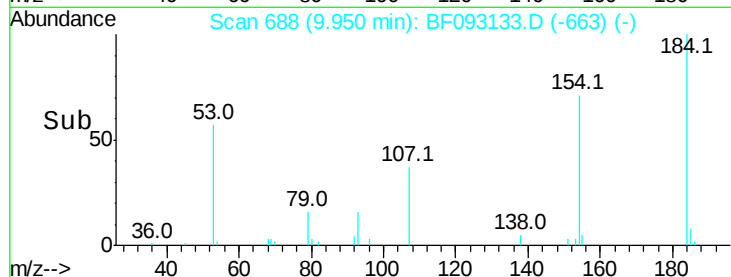
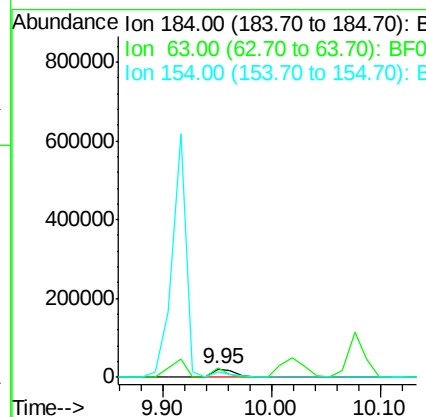
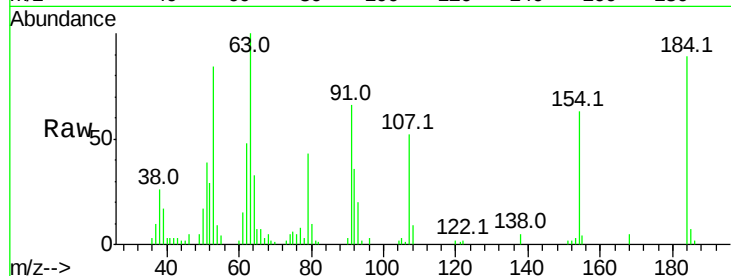
#53
 2,4-Dinitrophenol
 Concen: 23.62 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	112.5	28.4	42.6#	
154	71.1	44.3	66.5#	

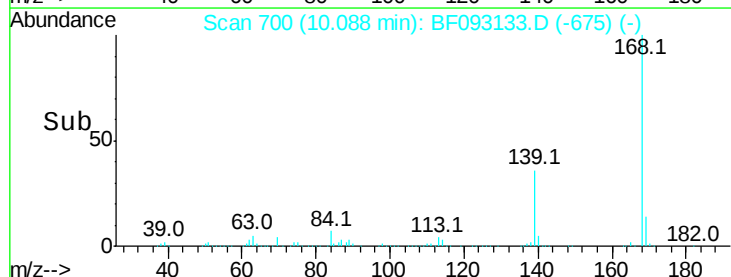
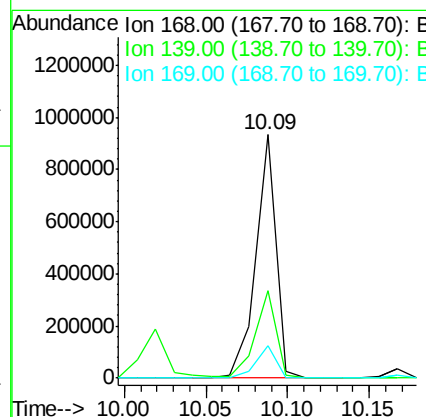
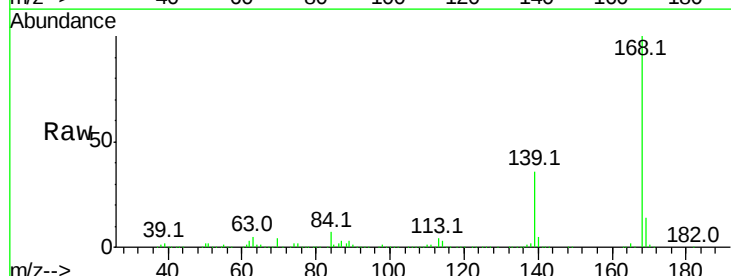
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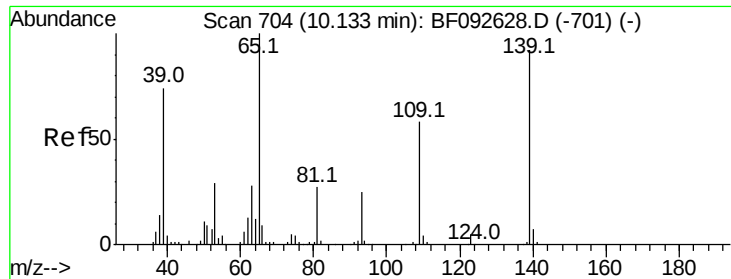
mohammad
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#54
 Dibenzofuran
 Concen: 43.09 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.9	32.6	49.0	
169	13.5	11.3	16.9	





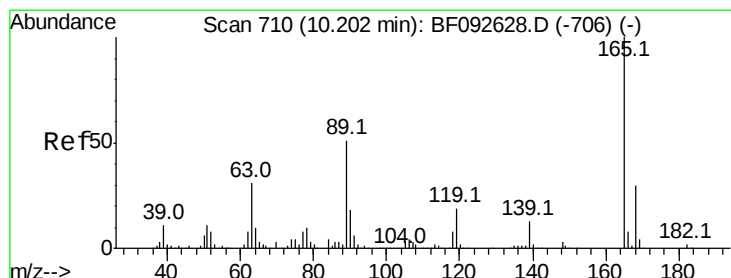
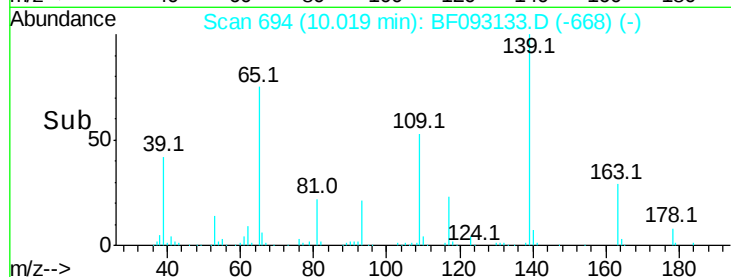
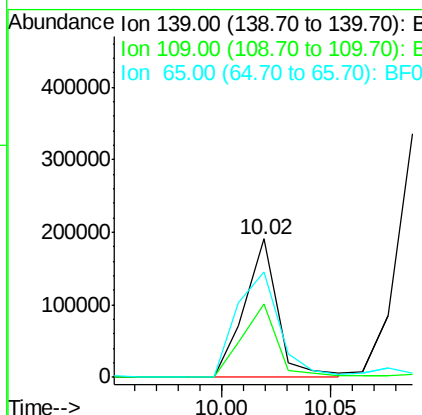
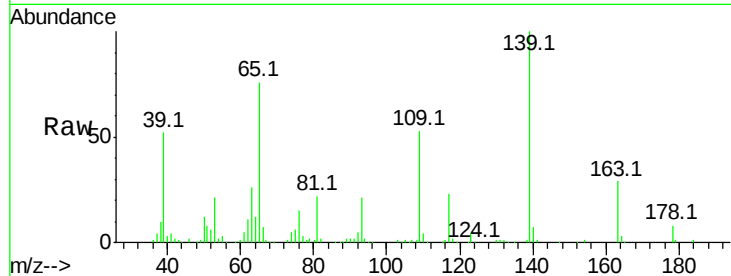
#55
4-Nitrophenol
Concen: 70.60 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.3	52.2	92.2	
65	75.9	85.8	125.8	

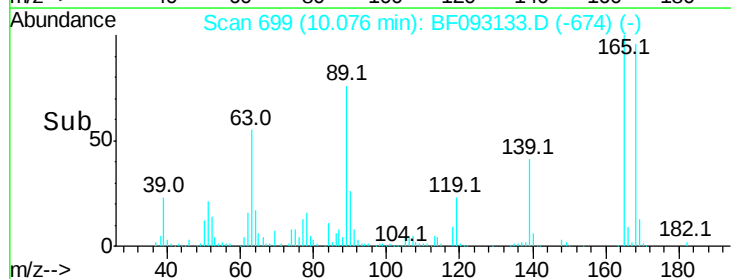
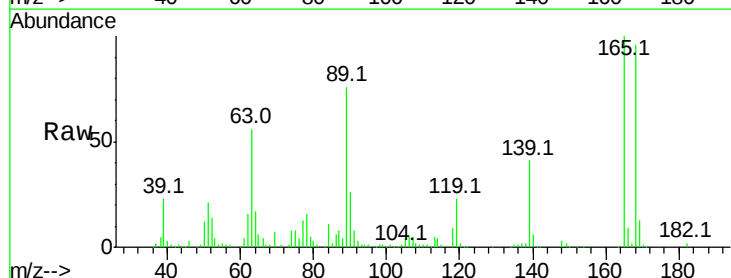
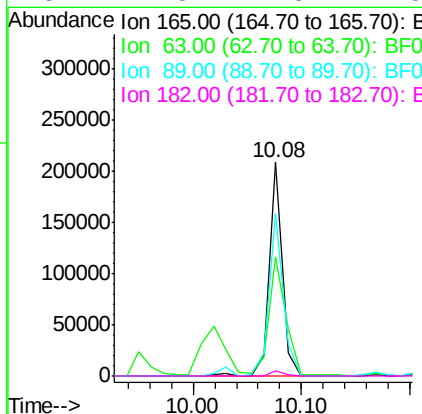
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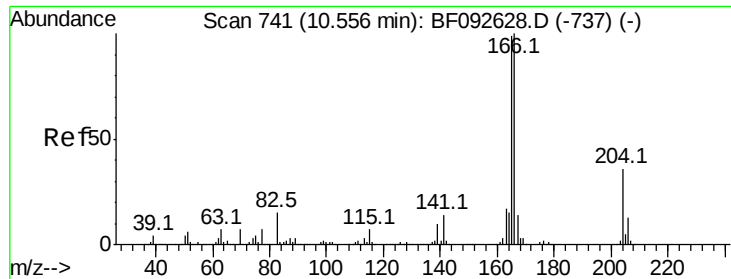
mohammad
2/24/2017 2:11:39 PM



#56
2,4-Dinitrotoluene
Concen: 37.53 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.7	40.2	60.4	
89	76.0	62.5	93.7	
182	2.3	1.8	2.8	





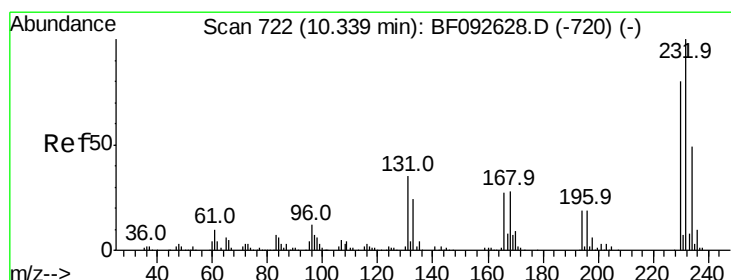
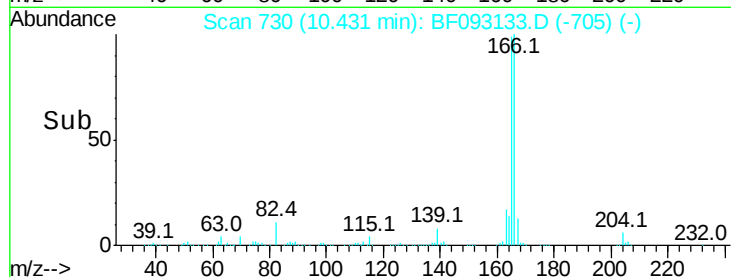
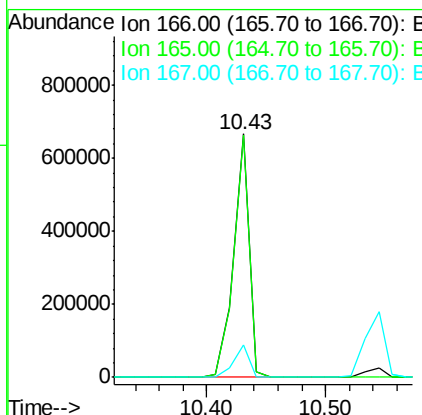
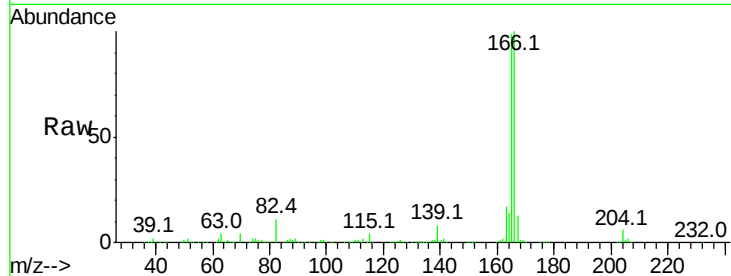
#57
 Fluorene
 Concen: 42.16 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	608264		
165	99.4	77.8	116.8	
167	13.3	10.8	16.2	

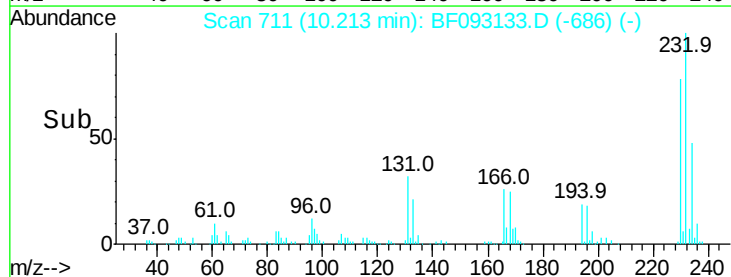
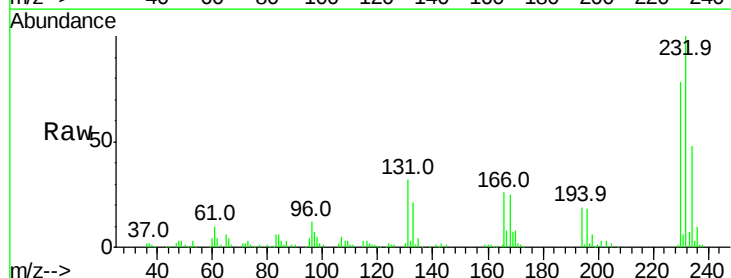
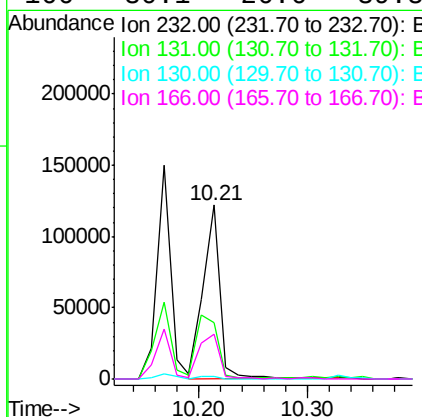
Manual Integrations
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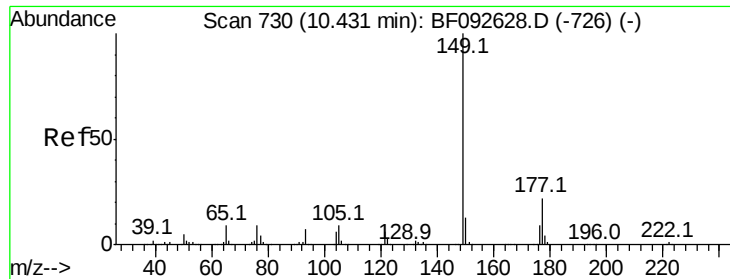
mohammad
 2/24/2017 2:11:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.20 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	133101		
131	47.0	40.1	60.1	
130	2.1	1.8	2.8	
166	30.1	26.6	39.8	





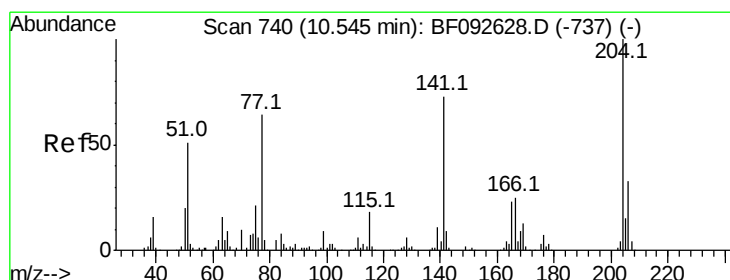
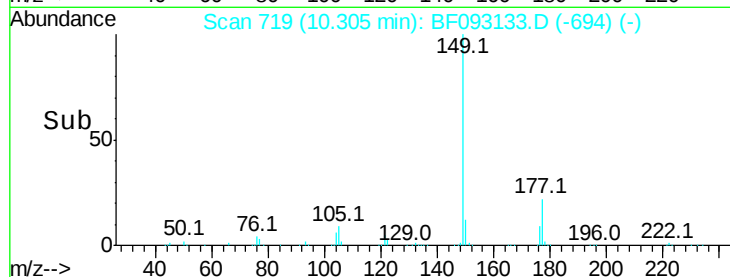
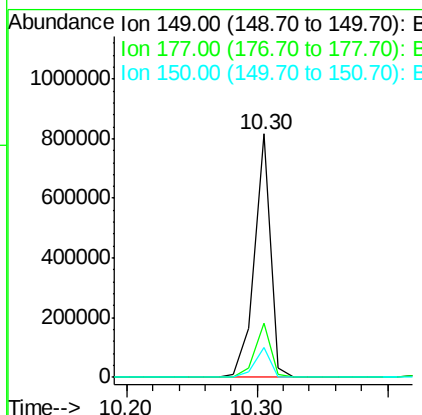
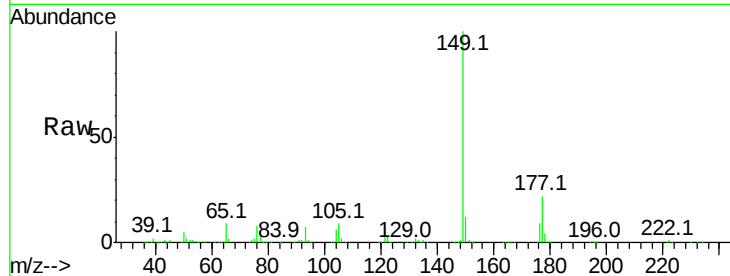
#59
Diethylphthalate
Concen: 46.21 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampled :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	702877		
177	22.4	16.6	25.0	
150	12.3	10.4	15.6	

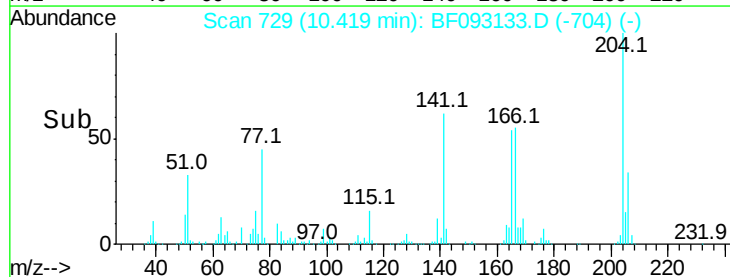
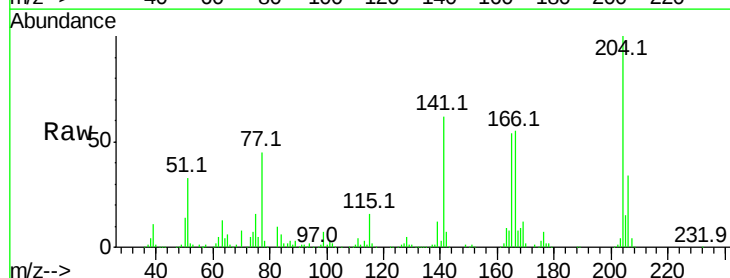
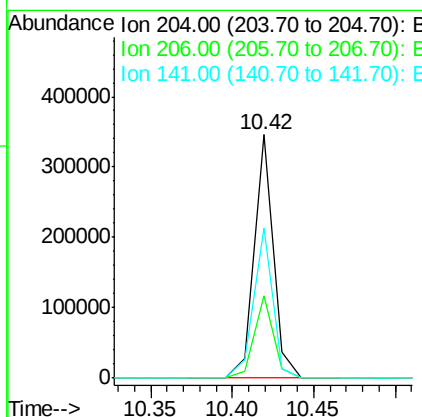
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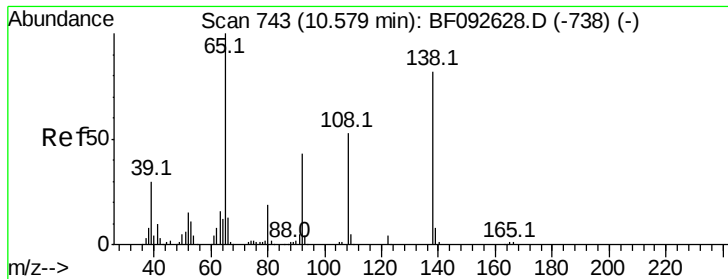
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.74 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282369		
206	33.9	25.8	38.6	
141	61.8	59.4	89.0	





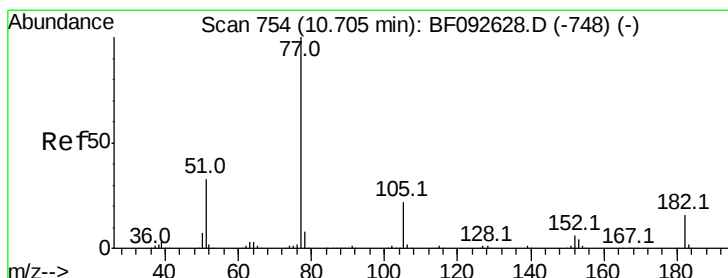
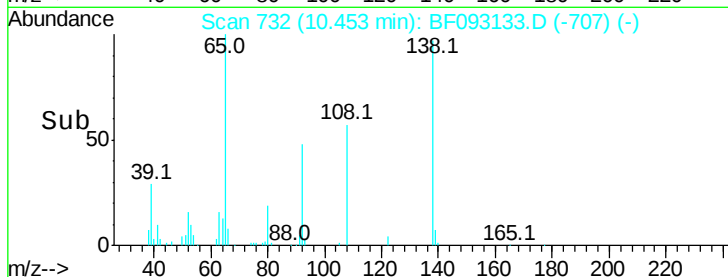
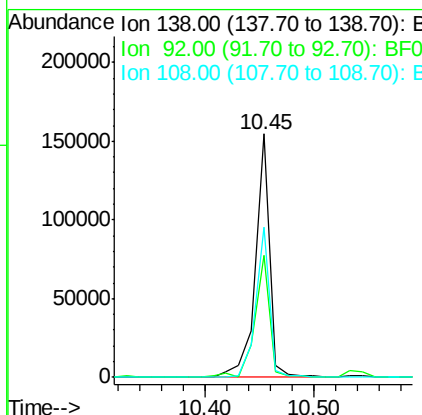
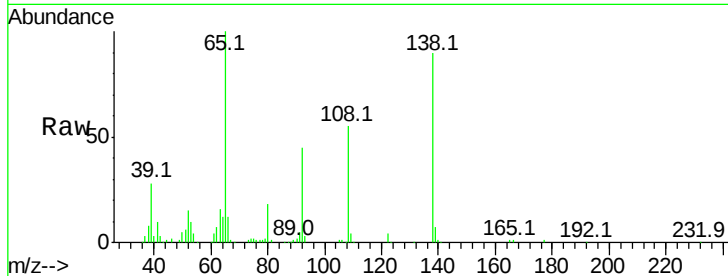
#61
4-Nitroaniline
Concen: 34.79 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	142153		
92	50.1	31.7	71.7	
108	61.8	52.6	92.6	

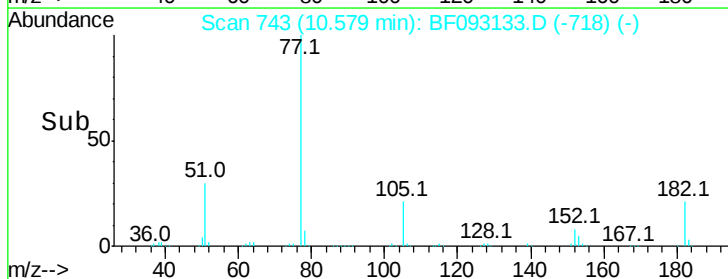
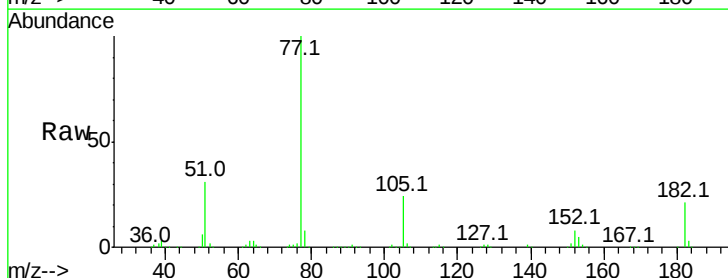
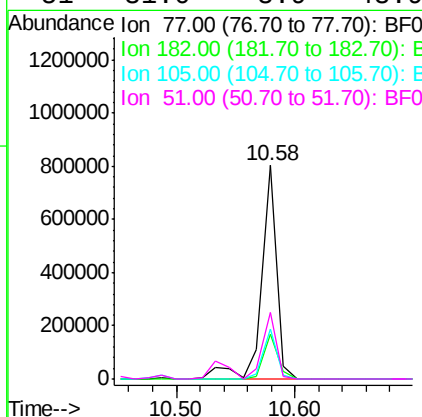
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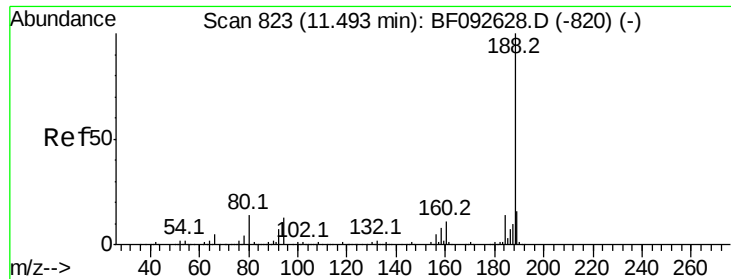
mohammad
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#62
Azobenzene
Concen: 45.86 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	720782		
182	21.1	0.0	39.3	
105	23.5	2.3	42.3	
51	31.0	8.9	48.9	





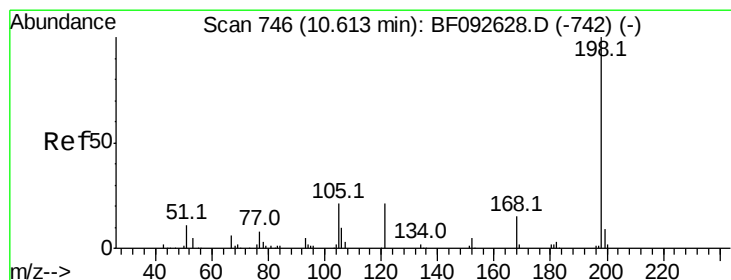
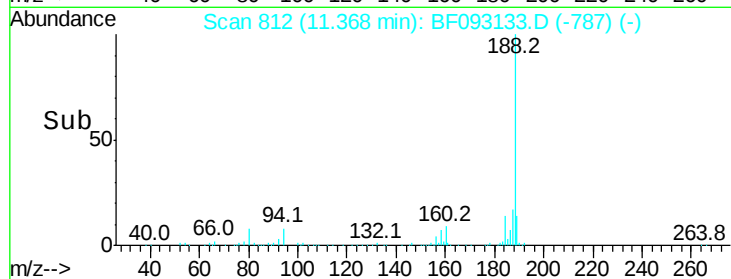
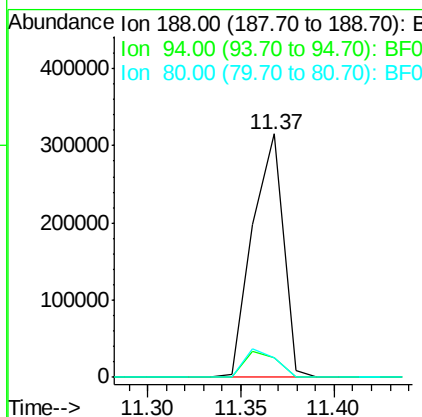
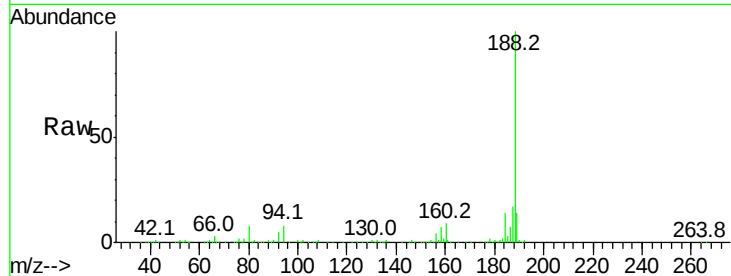
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	10.0	15.0#
80	8.2	11.2	16.8#

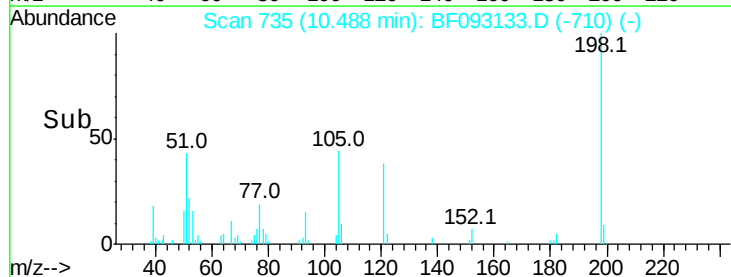
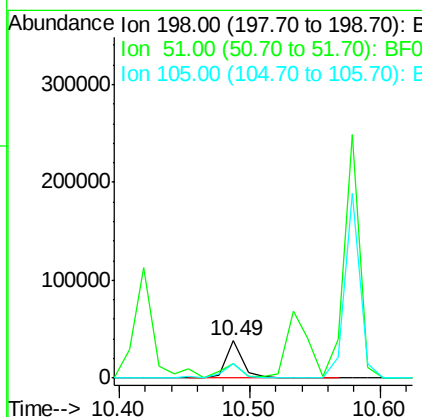
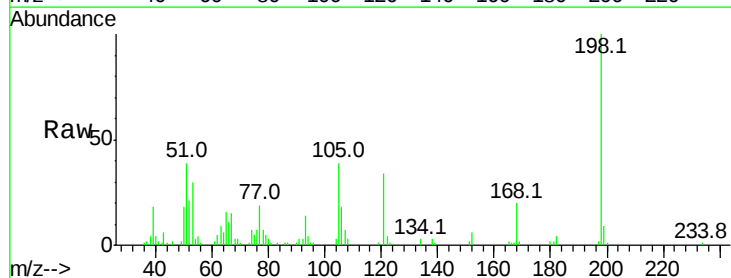
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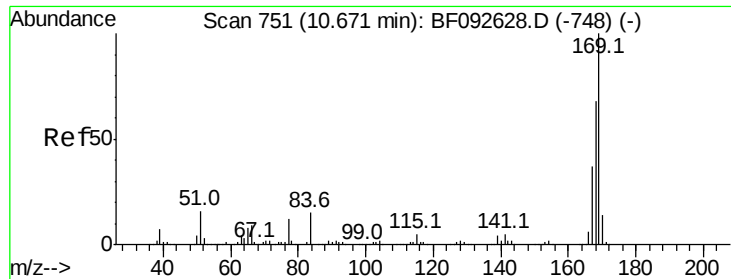
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.26 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.5	6.7	46.7
105	39.1	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 47.14 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

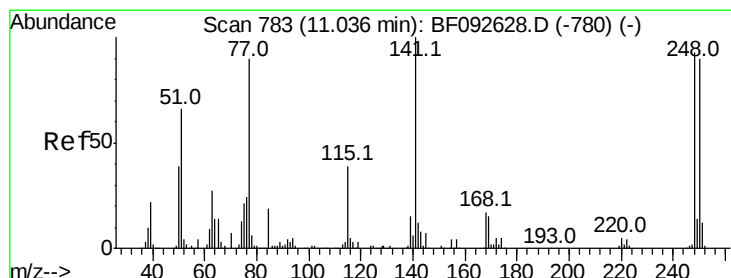
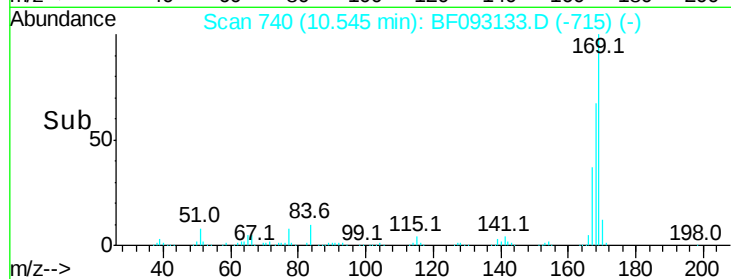
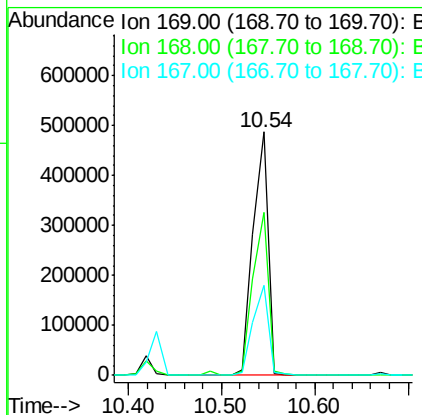
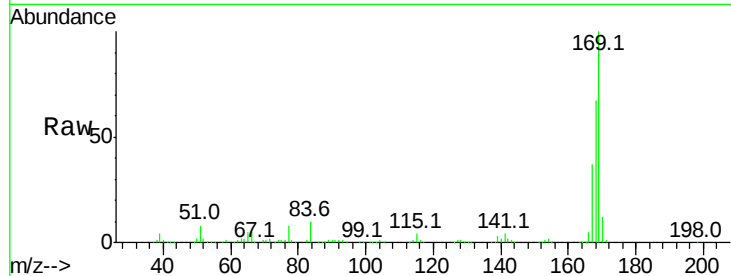
ClientSampleId :

PB97121BSD

Tot Ion:	169	Resp:	544126
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.2	81.2
167	37.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 42.61 ng

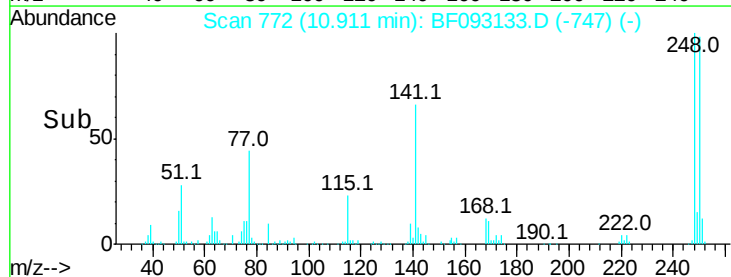
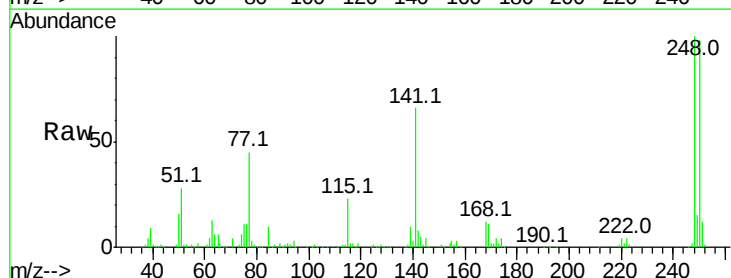
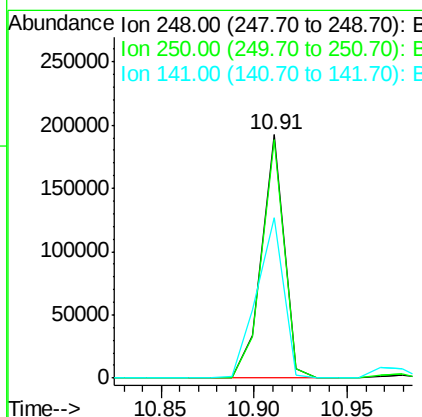
RT: 10.91 min Scan# 772

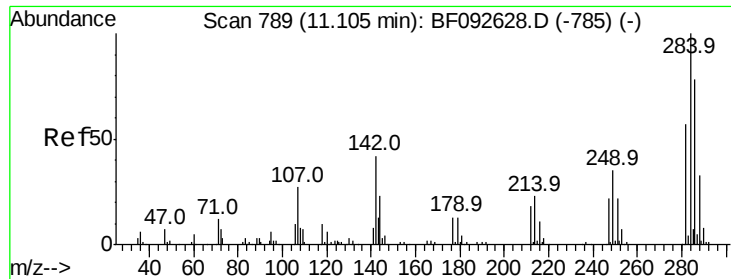
Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	248	Resp:	160853
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	66.0	68.2	102.4#





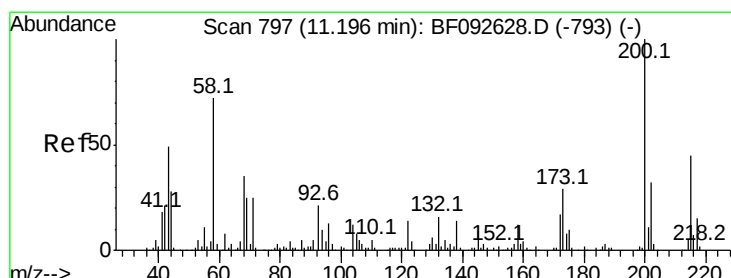
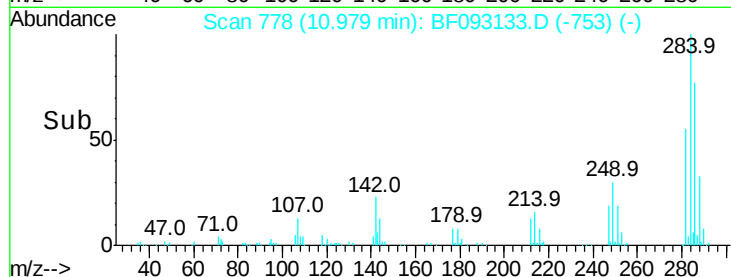
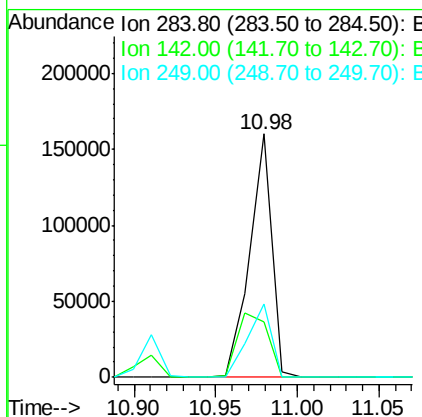
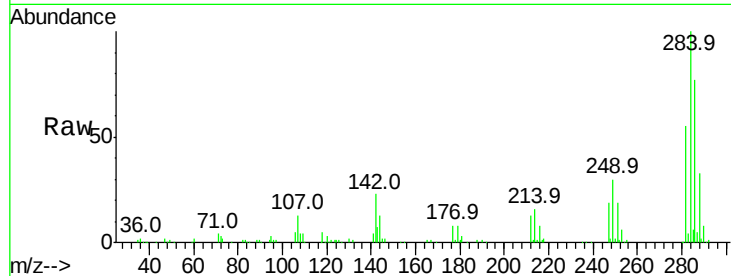
#67
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	150688		
142	23.0		22.6	33.8
249	30.0		25.4	38.0

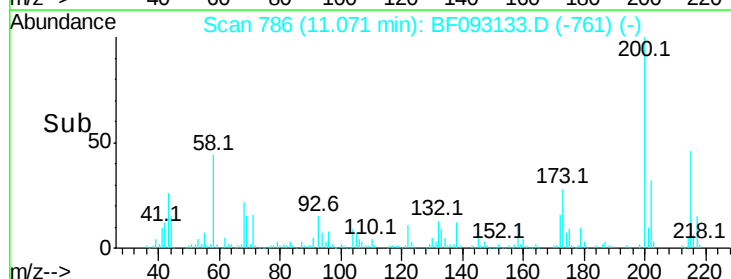
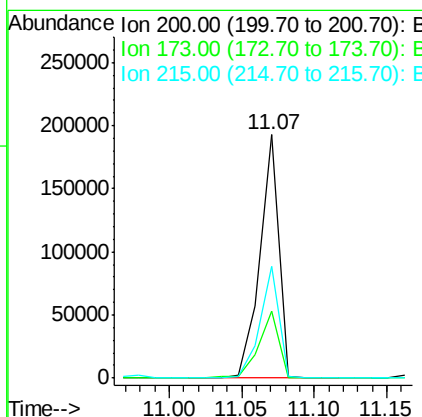
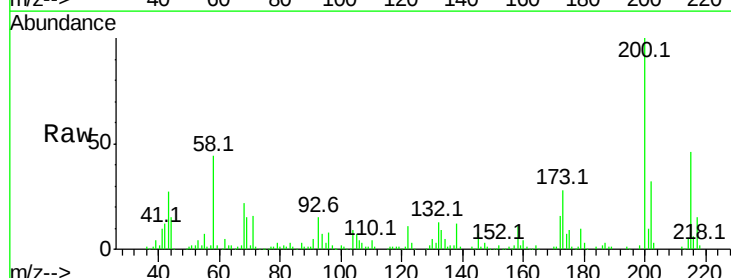
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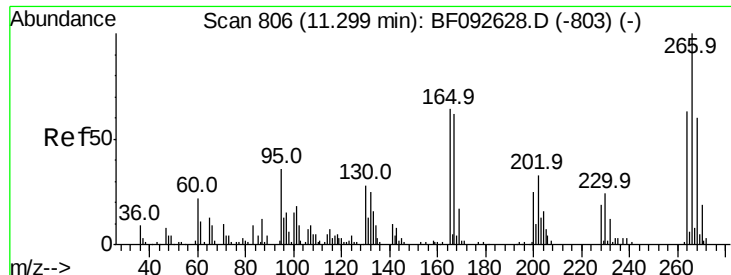
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#68
Atrazine
Concen: 47.08 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	174401		
173	27.7		9.6	49.6
215	45.7		25.7	65.7





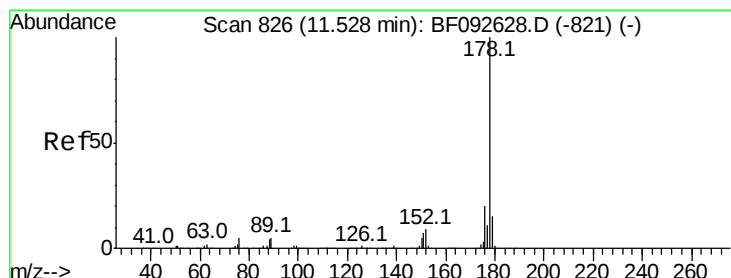
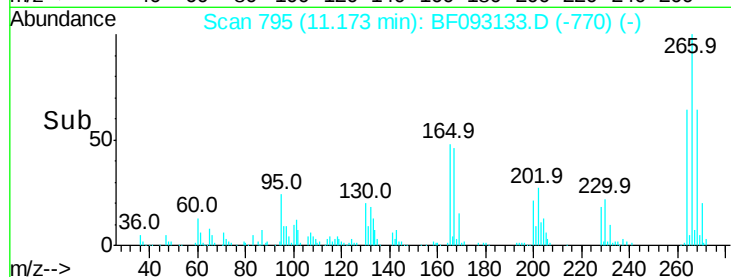
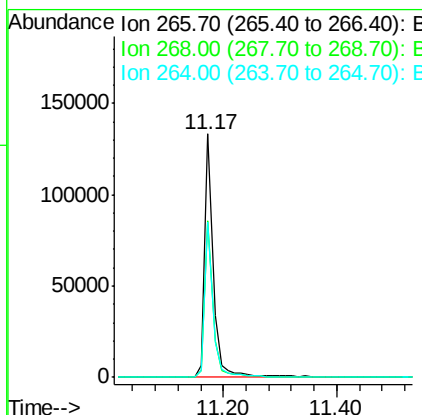
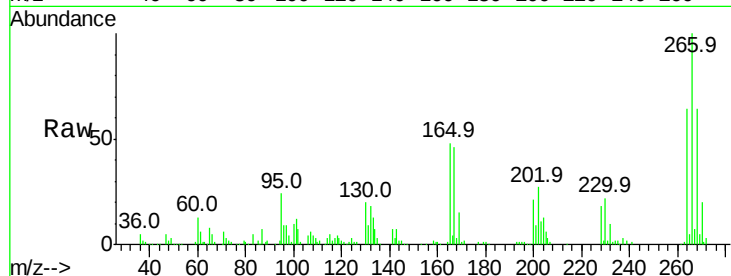
#69
 Pentachlorophenol
 Concen: 71.64 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	136383		
268	64.1	53.3	79.9	
264	63.8	50.3	75.5	

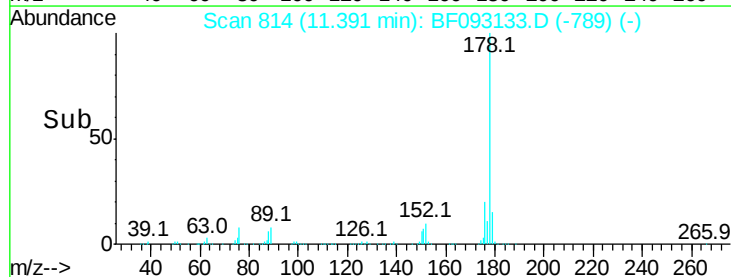
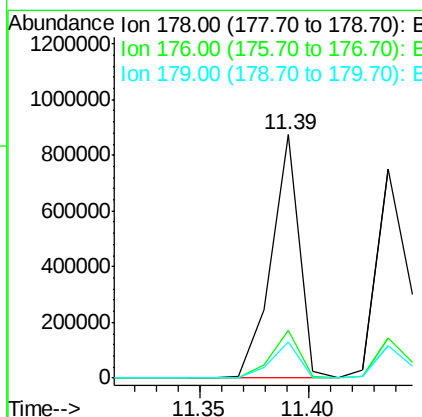
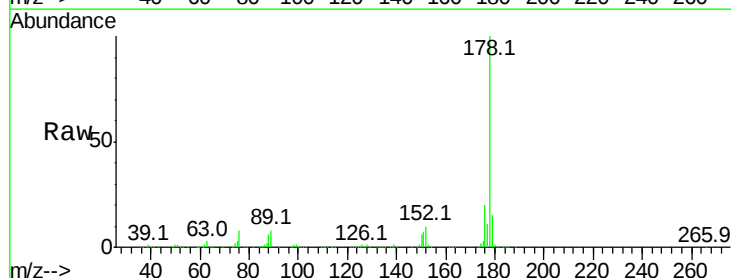
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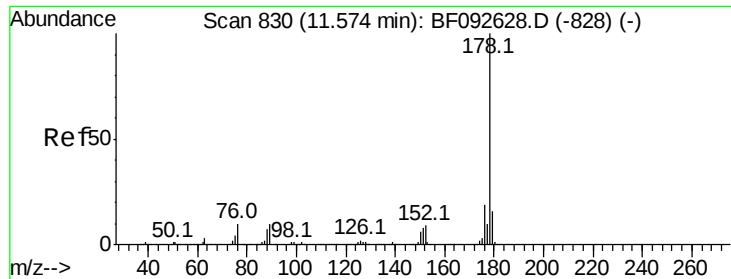
mohammad
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#70
 Phenanthrene
 Concen: 38.17 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	790208		
176	19.7	16.6	25.0	
179	15.0	12.8	19.2	





#71

Anthracene

Concen: 36.25 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

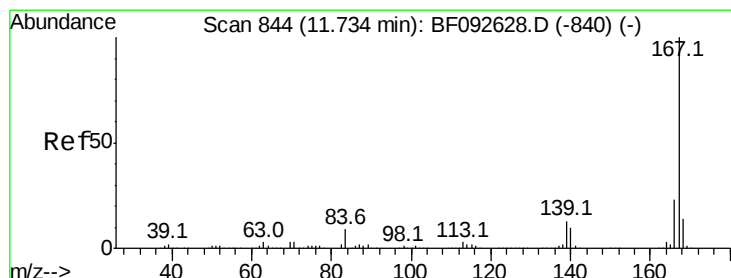
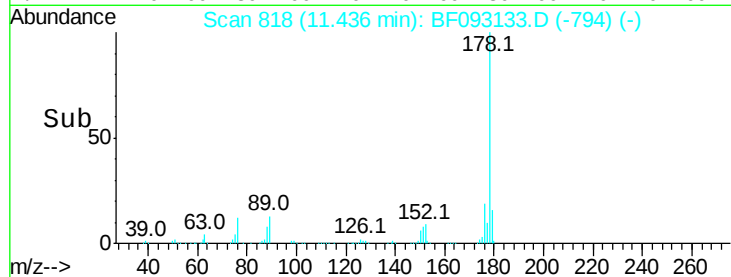
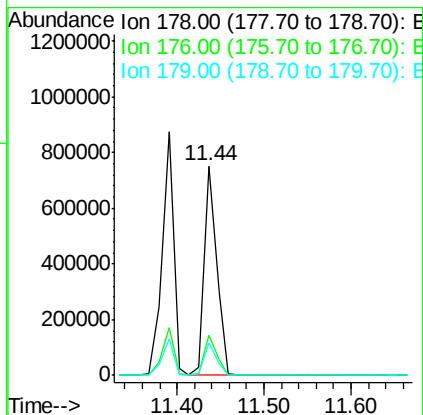
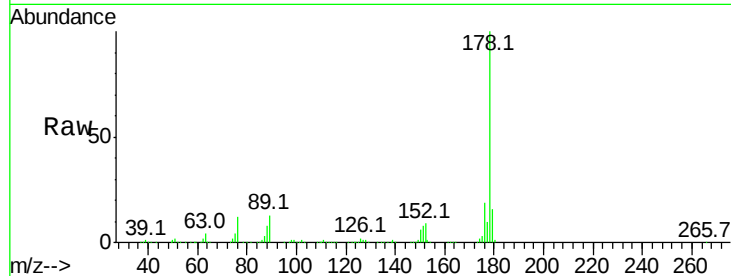
ClientSampleId :

PB97121BSD

Tot Ion:	178	Resp:	753661
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.9	23.9
179	15.7	13.2	19.8

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#72

Carbazole

Concen: 33.28 ng

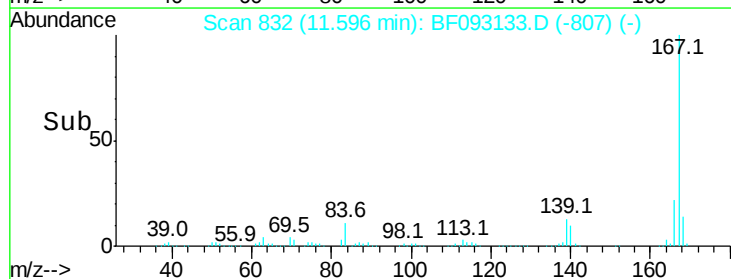
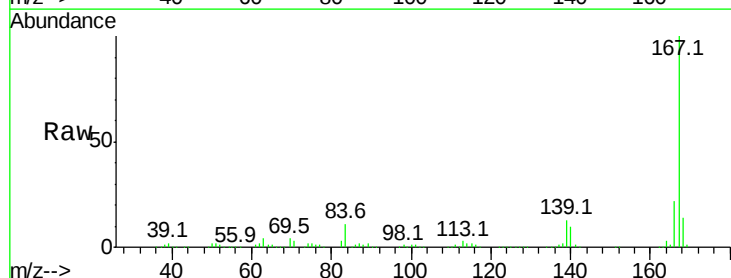
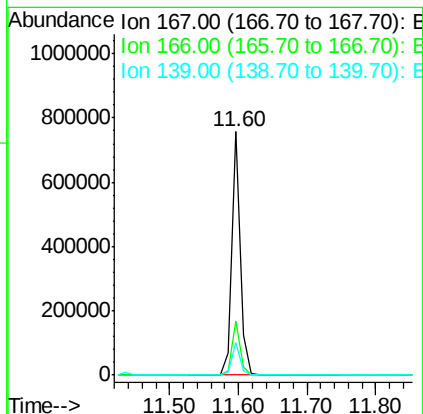
RT: 11.60 min Scan# 832

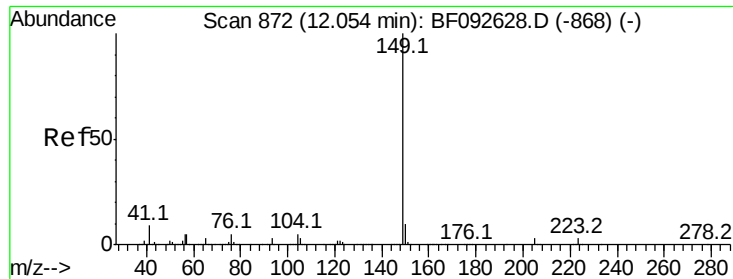
Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion:	167	Resp:	661397
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.2	27.2
139	13.4	11.4	17.2





#73

Di-n-butylphthalate

Concen: 45.82 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

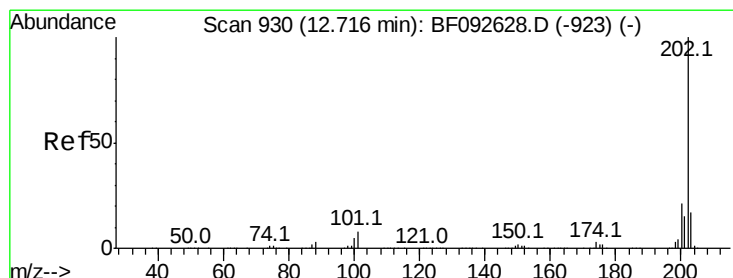
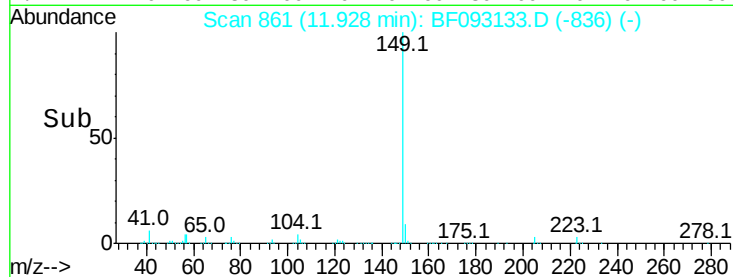
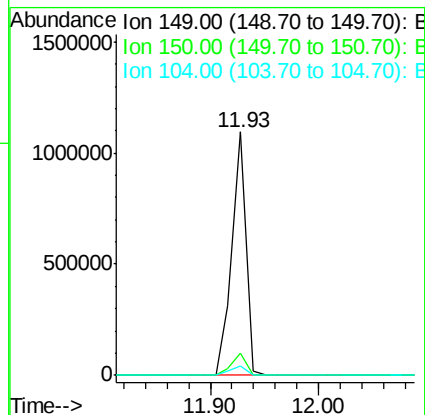
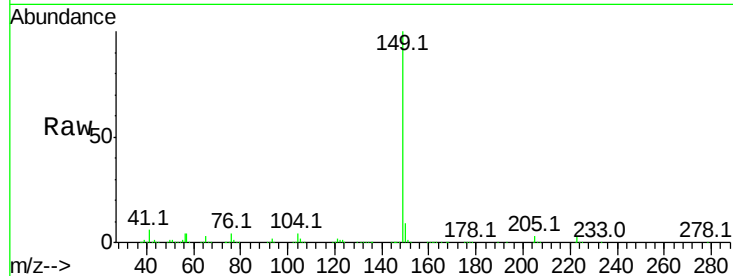
ClientSampleId :

PB97121BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	8.1	12.1
104	3.9	4.6	7.0

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#74

Fluoranthene

Concen: 34.61 ng

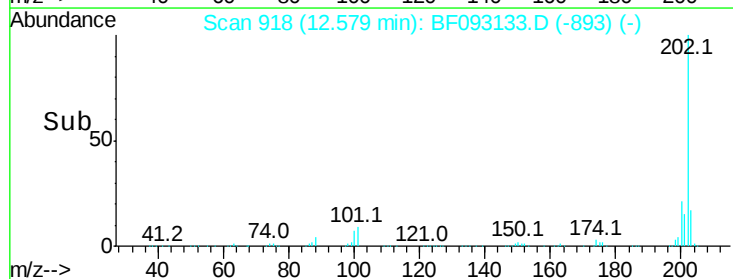
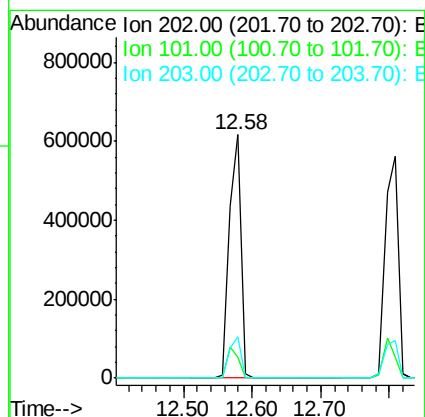
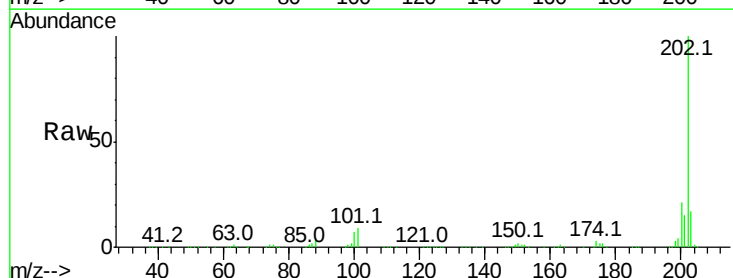
RT: 12.58 min Scan# 918

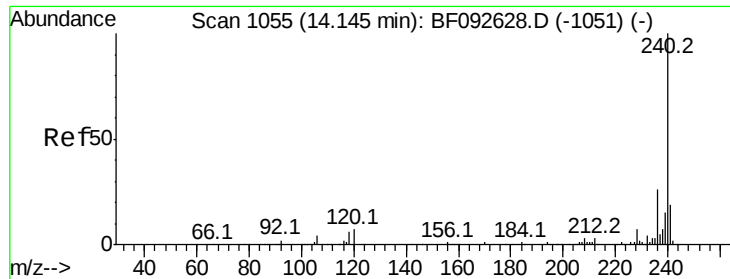
Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	34.6
203	17.0	0.0	38.7





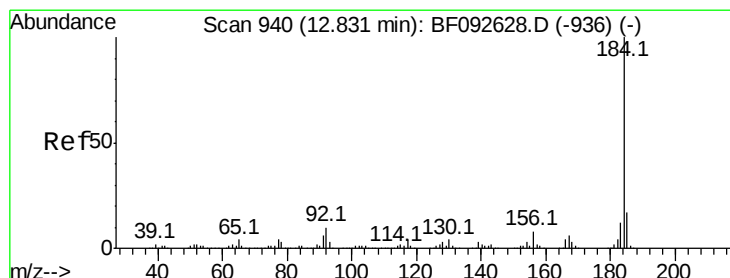
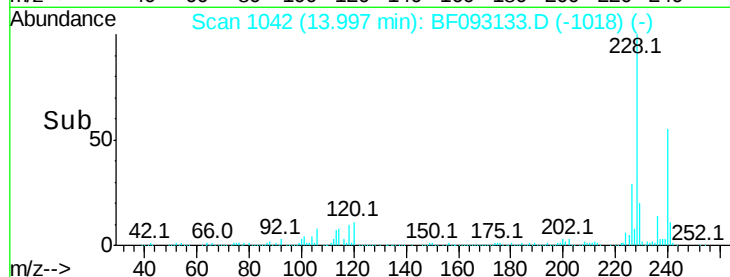
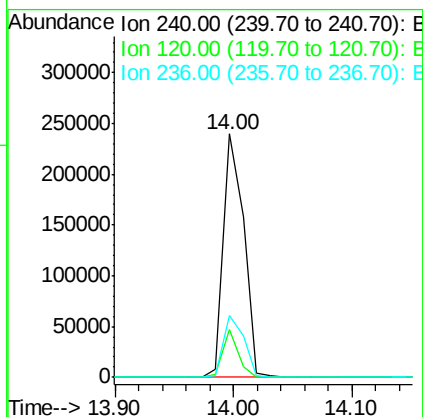
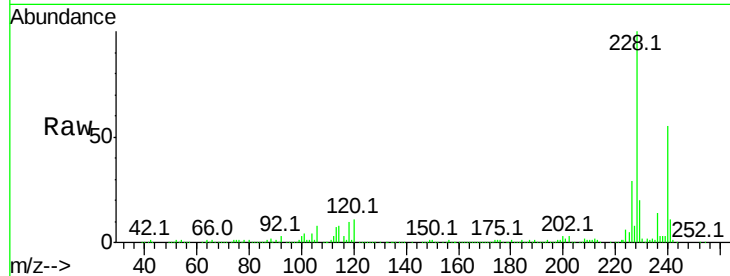
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.8	12.9	19.3#
236	25.5	20.9	31.3

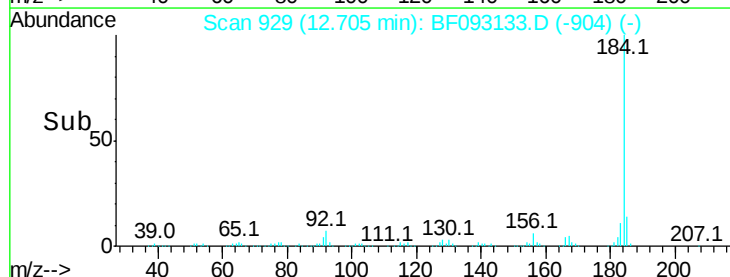
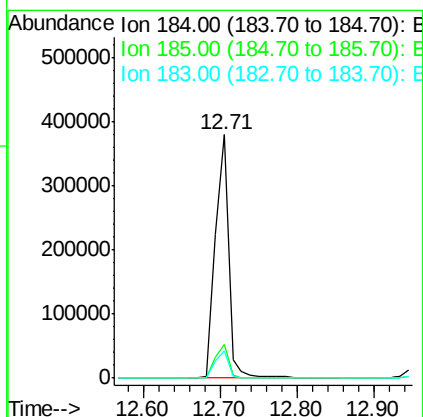
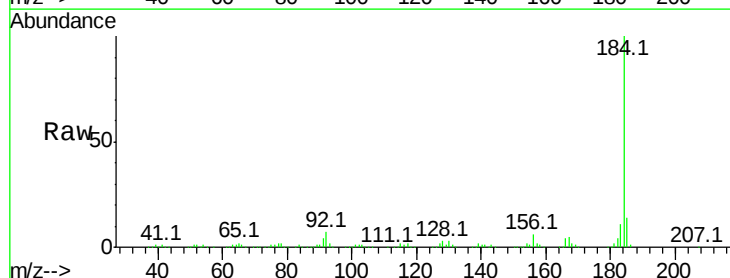
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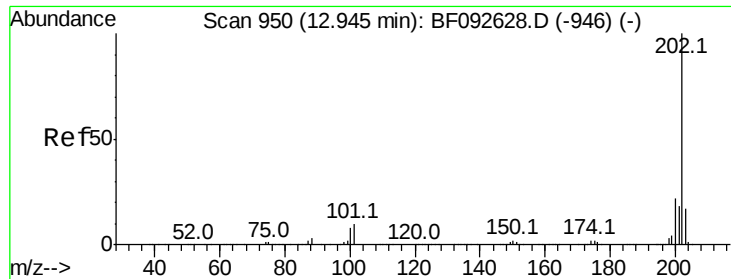
mohammad
2/24/2017 2:11:39 PM



#76
Benzidine
Concen: 37.68 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.0
183	11.4	9.2	13.8





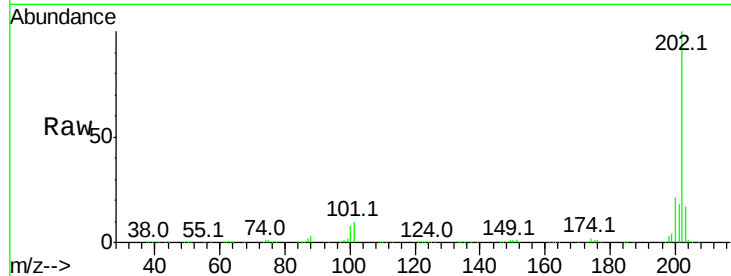
#77
Pvrene
Concen: 34.32 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.0	14.7	22.1

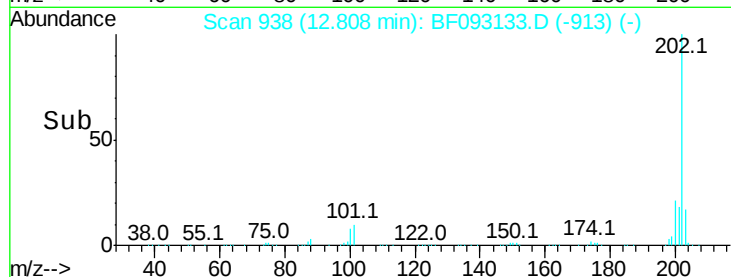
Manual Integrations
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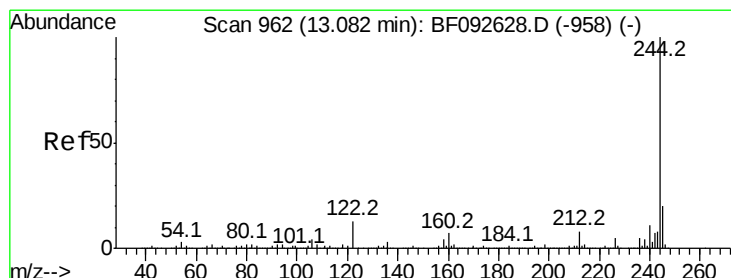


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.81

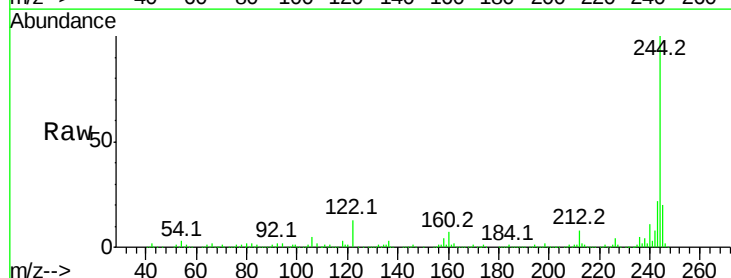


Time-->



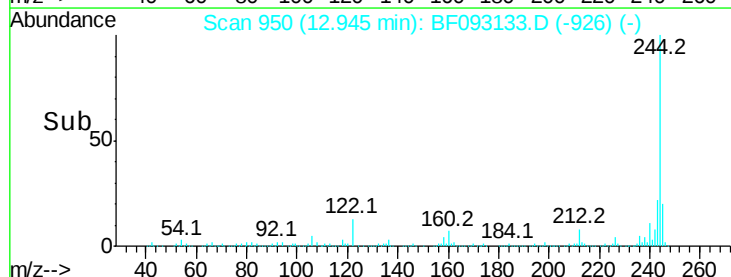
#78
Terphenyl-d14
Concen: 69.10 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.5	11.4	17.2

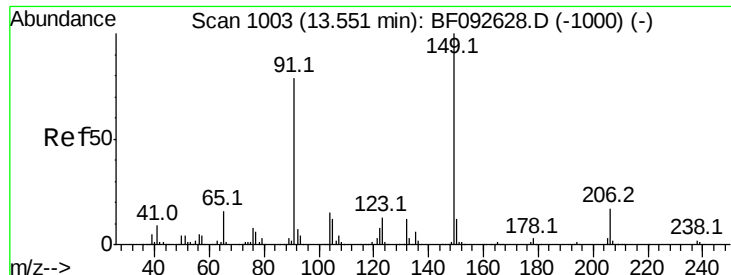


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.95



Time-->



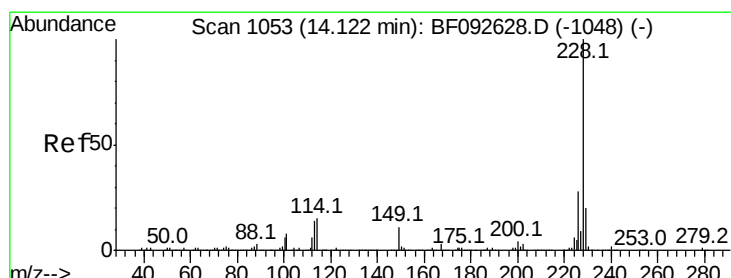
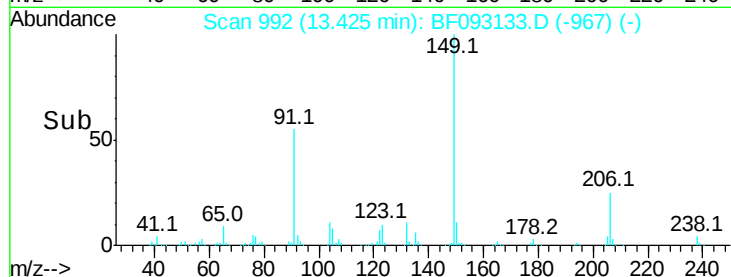
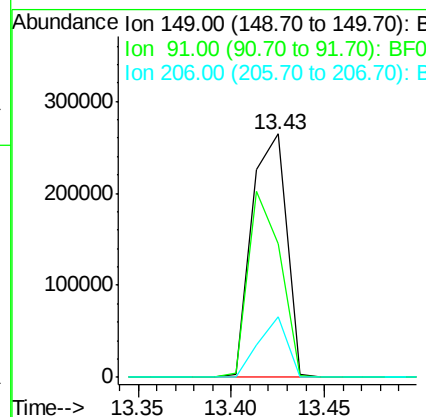
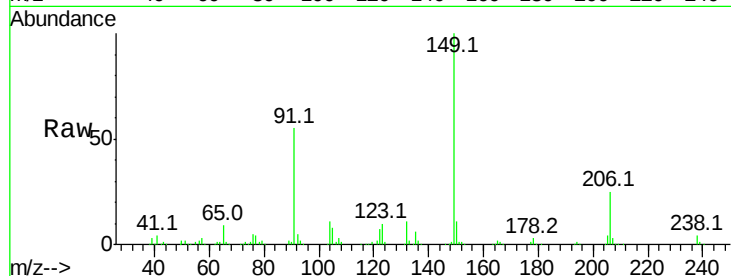
#79
Butylbenzylphthalate
Concen: 39.57 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	55.0	63.9	95.9#
206	25.0	14.6	21.8#

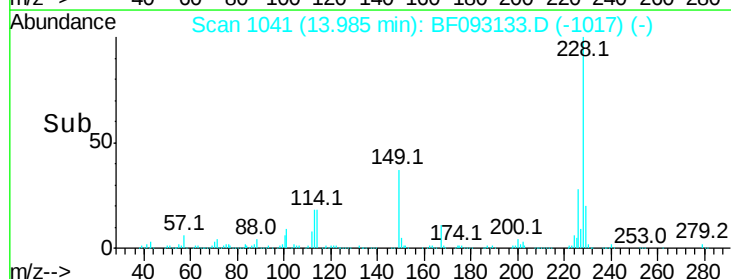
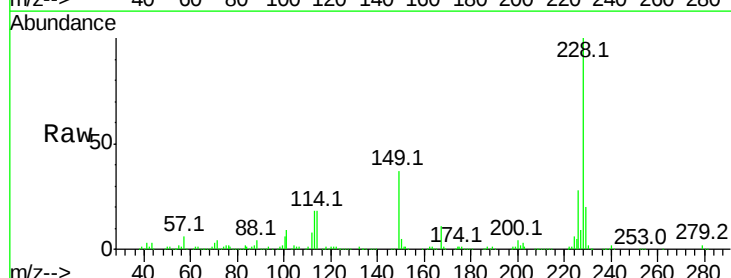
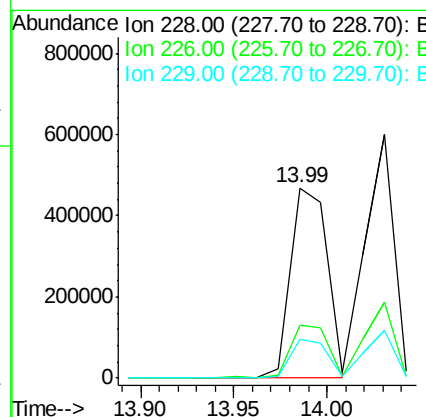
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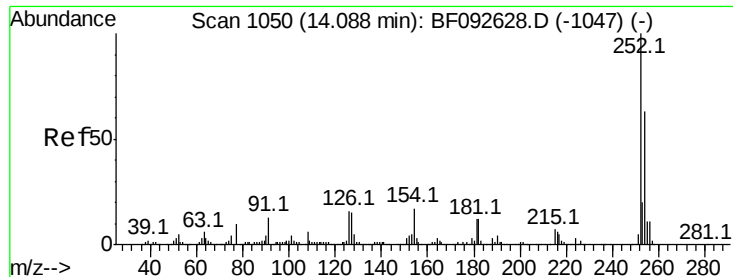
mohammad
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#80
Benzo(a)anthracene
Concen: 37.14 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.4	33.6
229	20.3	16.2	24.4





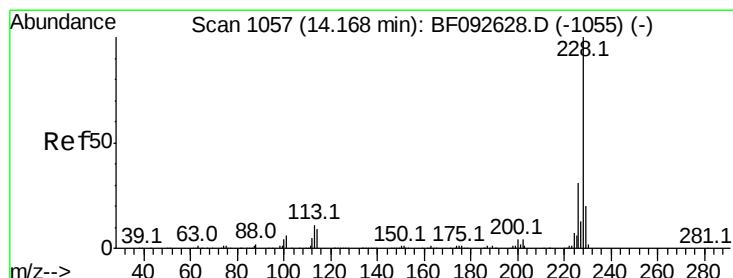
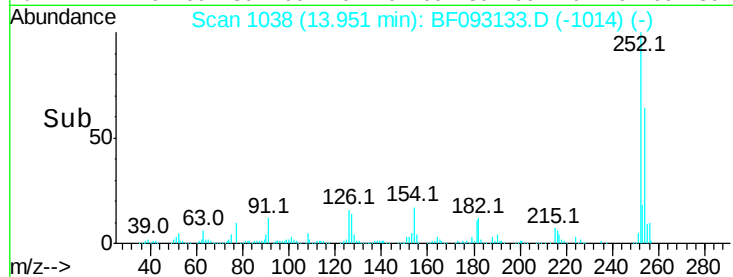
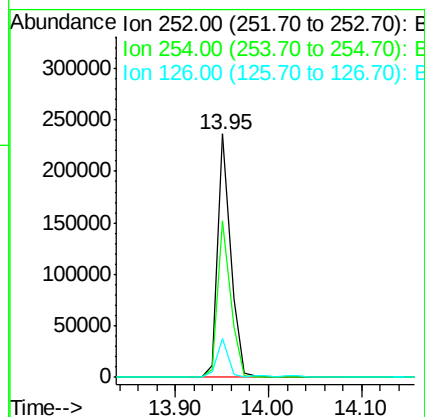
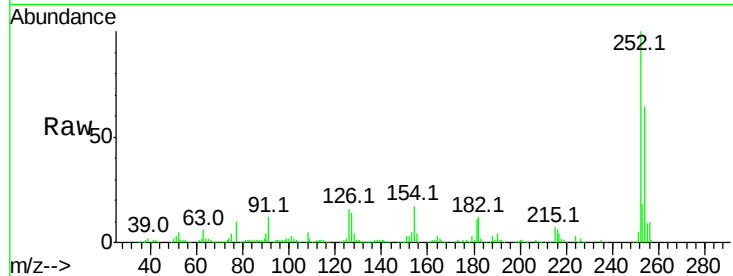
#81
 3,3'-Dichlorobenzidine
 Concen: 36.84 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	227780		
254	64.5	52.3	78.5	
126	15.8	13.6	20.4	

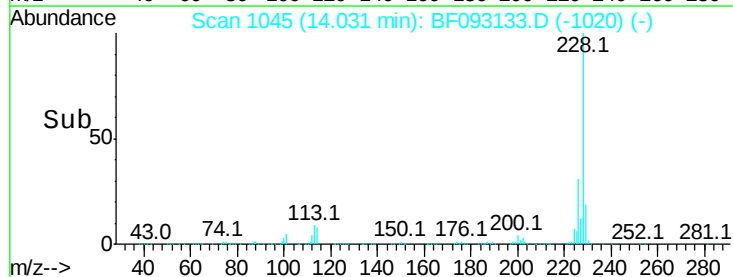
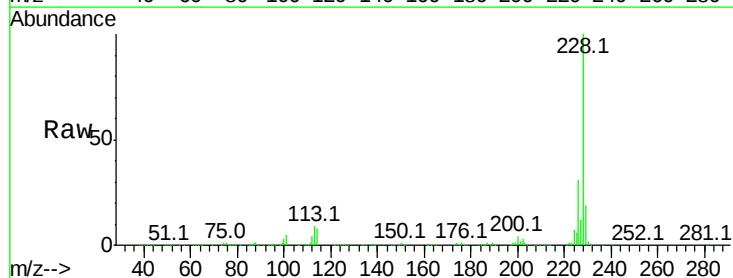
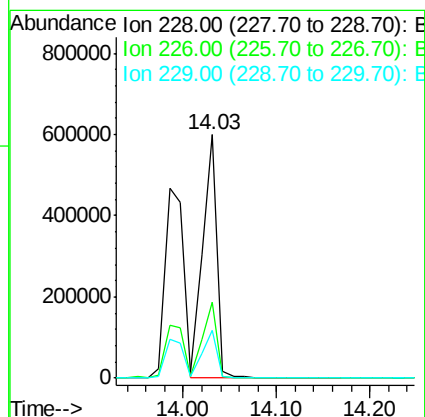
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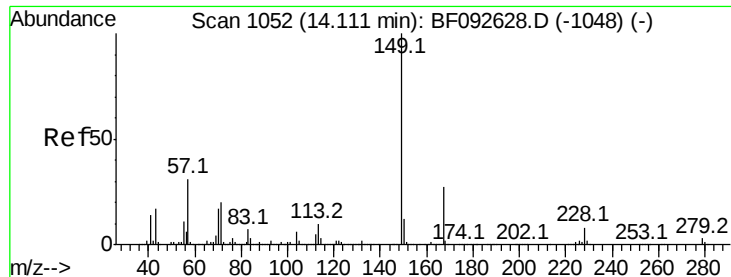
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#82
 Chrysene
 Concen: 39.48 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	641209		
226	31.0	25.4	38.0	
229	19.4	16.2	24.2	





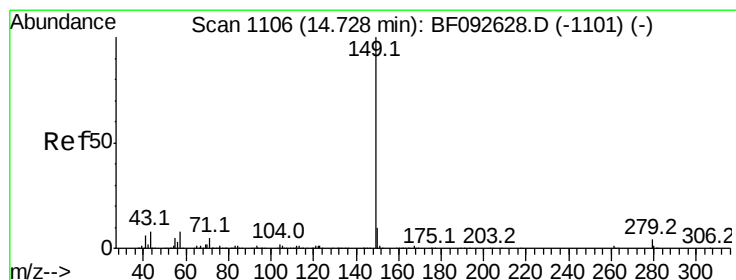
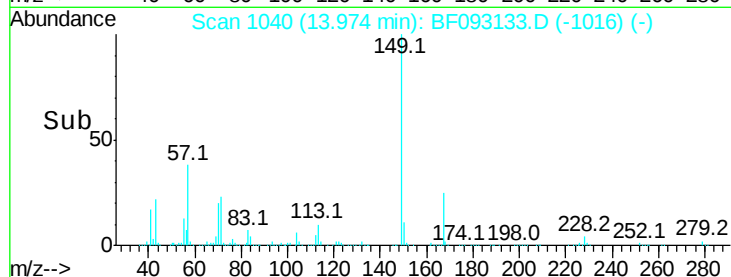
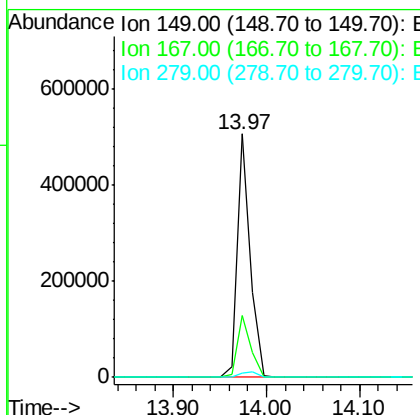
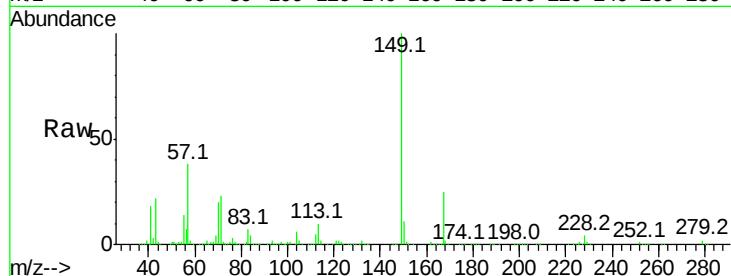
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.39 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487908		
167	25.2	20.2	30.4	
279	2.0	1.8	2.8	

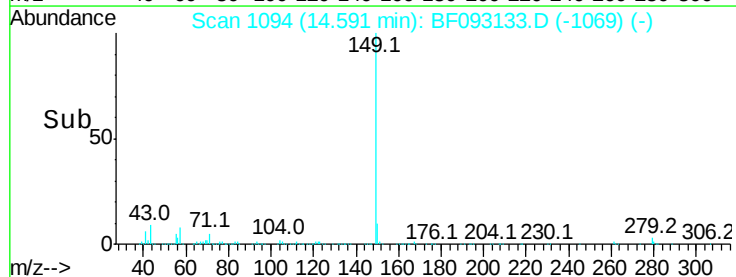
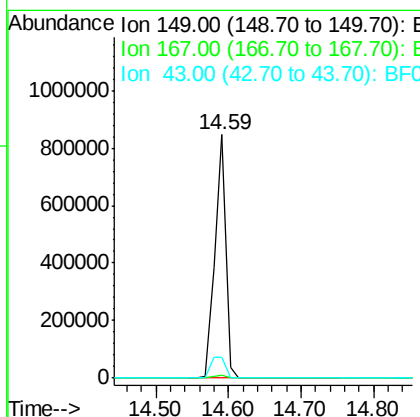
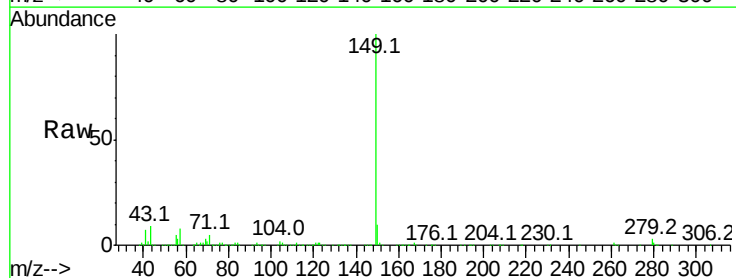
Manual Integrations
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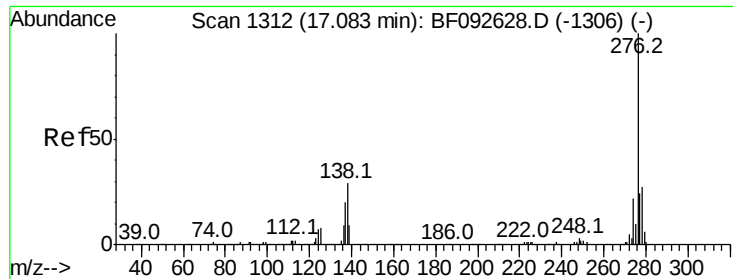
mohammad
2/24/2017 2:11:39 PM



#84
Di-n-octyl phthalate
Concen: 45.79 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878909		
167	1.6	1.3	1.9	
43	11.3	8.9	13.3	





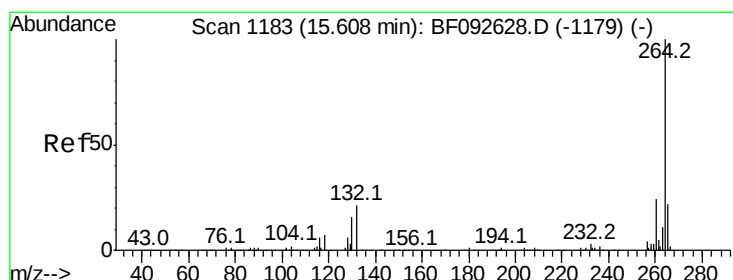
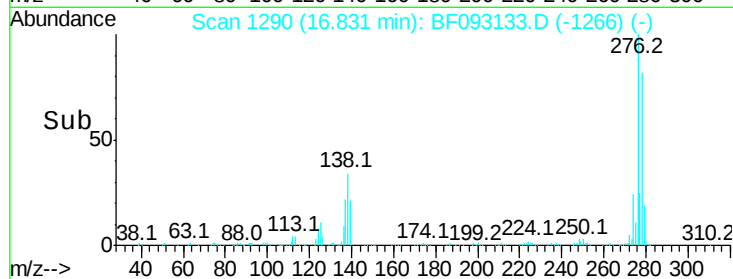
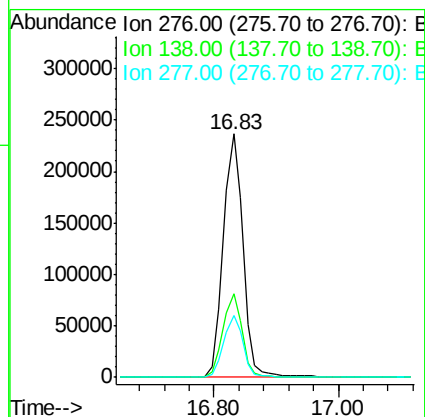
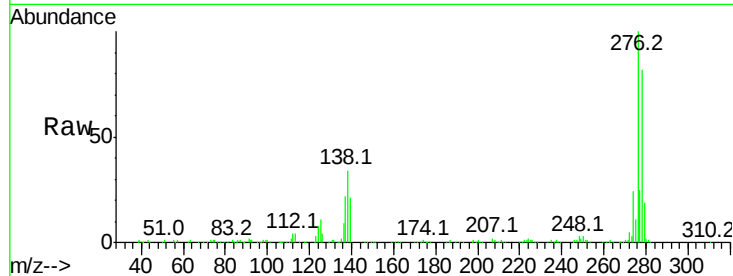
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.21 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	21.8	32.6
277	25.2	20.2	30.4

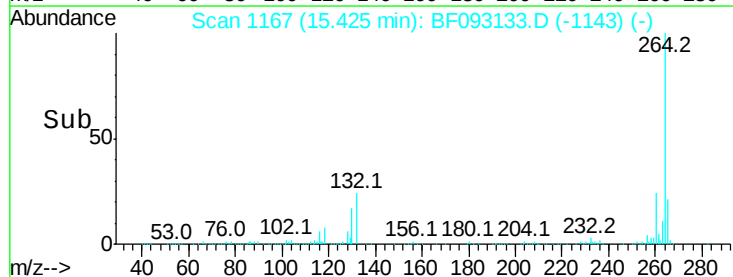
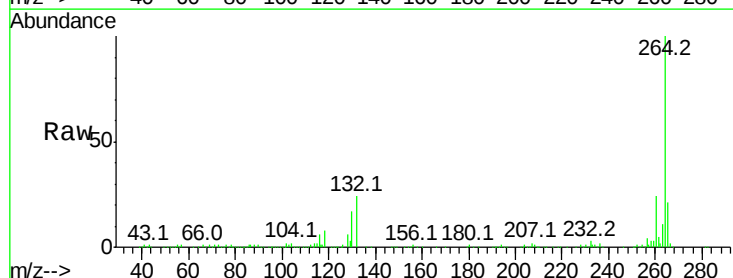
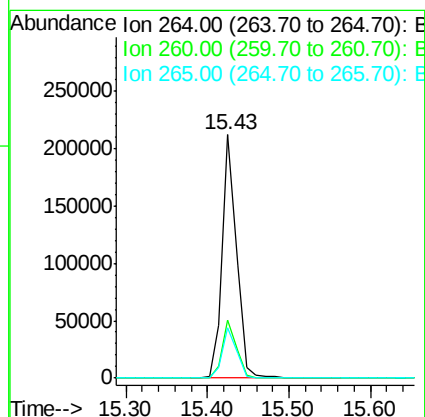
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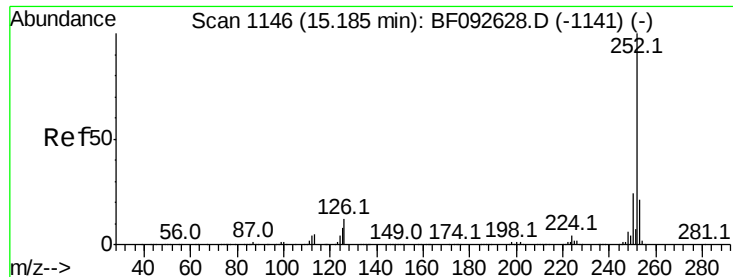
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.53 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Instrument :

BNA_F

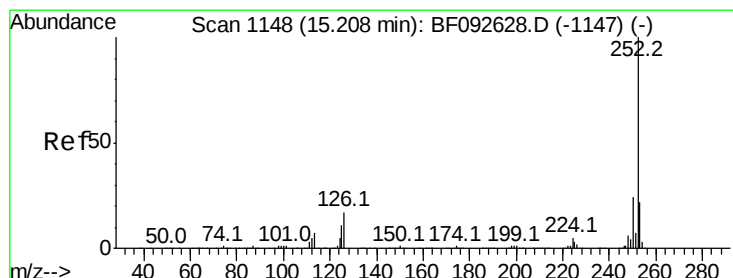
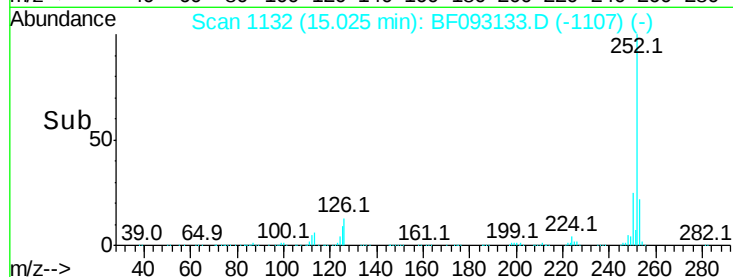
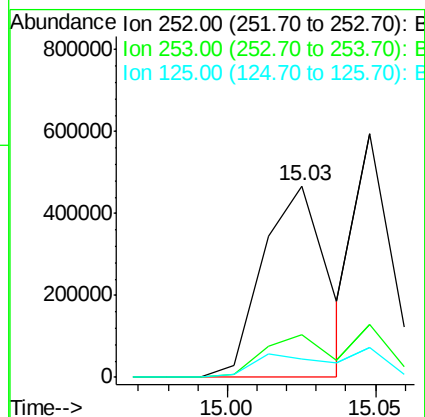
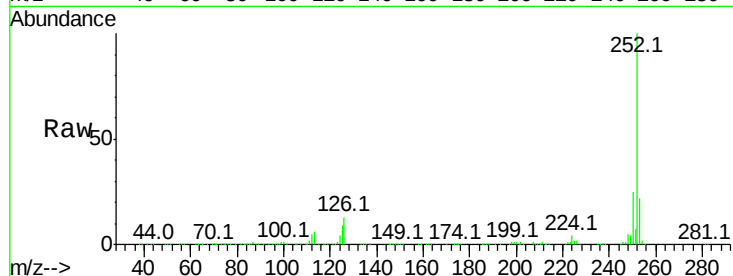
ClientSampleId :

PB97121BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.3	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 34.67 ng m

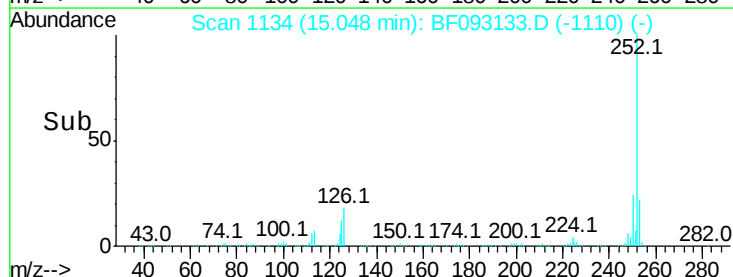
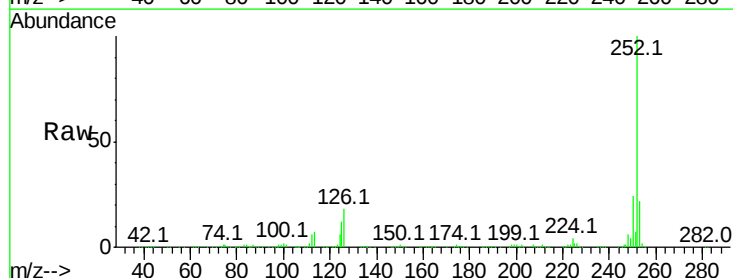
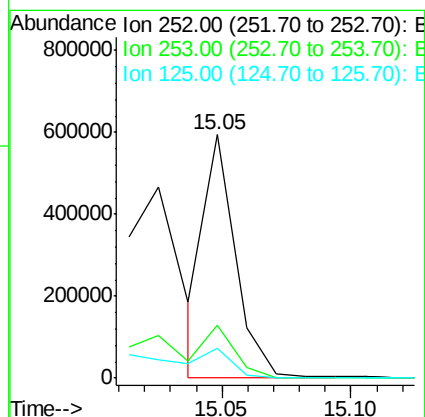
RT: 15.05 min Scan# 1134

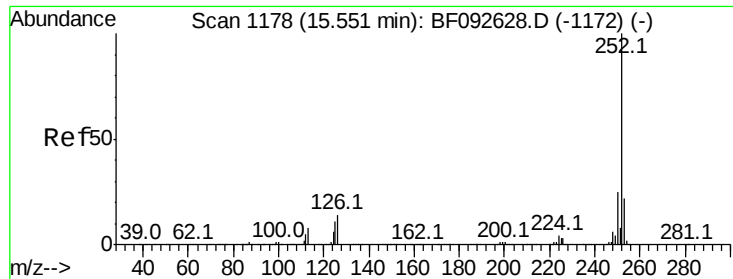
Delta R.T. -0.02 min

Lab File: BF093133.D

Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	12.2	8.9	13.3





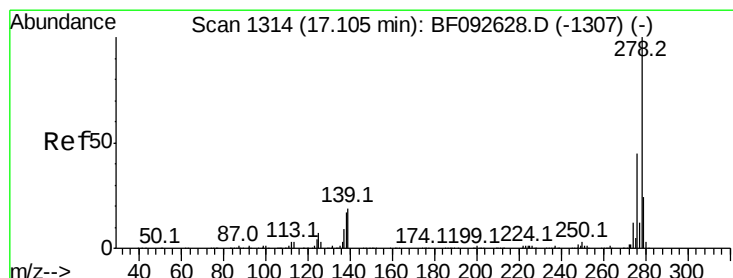
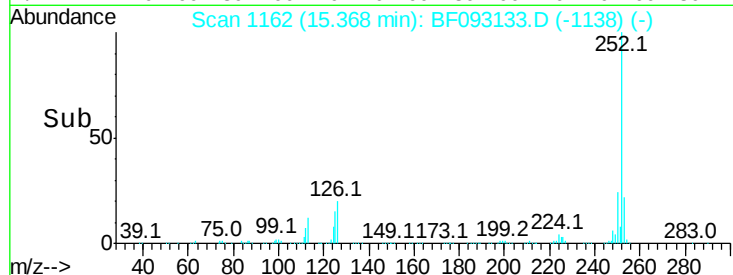
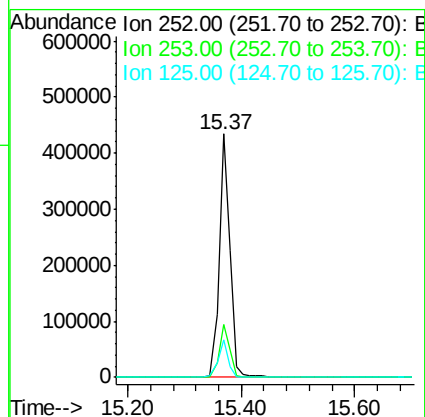
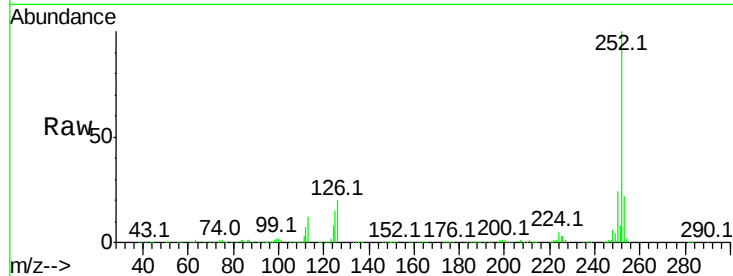
#89
Benzo(a)pyrene
Concen: 38.16 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Instrument :
BNA_F
ClientSampleId :
PB97121BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	15.3	10.0	15.0

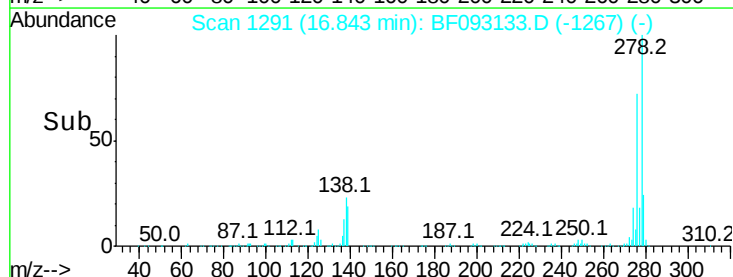
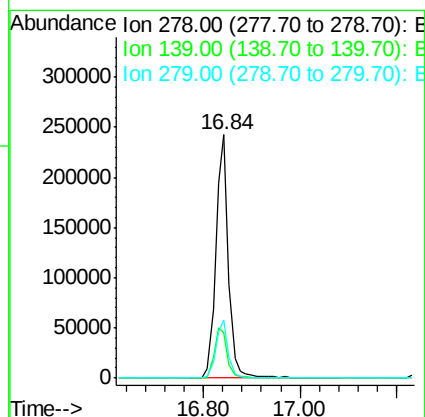
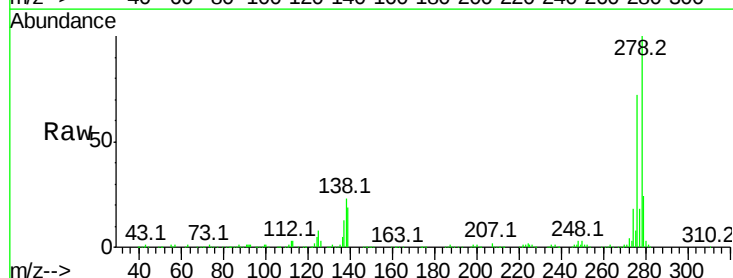
Manual Integrations
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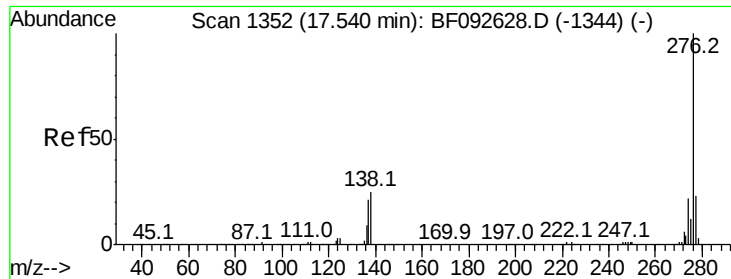
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.11 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093133.D
Acq: 24 Feb 2017 6:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	23.7	19.8	29.6





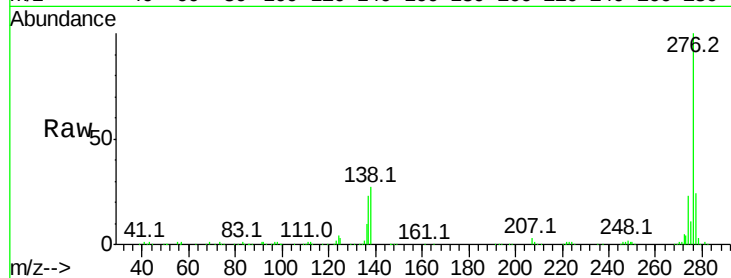
#91
 Benzo(a,h,i)perylene
 Concen: 34.19 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093133.D
 Acq: 24 Feb 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :
 PB97121BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.0	16.0	24.0

Manual Integrations
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 2/24/2017 2:11:39 PM



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

