

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093149.D
 Acq On : 24 Feb 2017 17:19
 Operator : SJ/MA
 Sample : PB97158BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Manual Integrations
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mohammad
 2/27/2017 1:07:30 PM

Quant Time: Feb 24 22:17:07 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	6.83	152	135273	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	528295	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	266408	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	477359	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	392261	20.00	ng	-0.01
86) Perylene-d12	15.44	264	269692	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1204140	152.72	ng	-0.01
7) Phenol-d6	6.48	99	1445634	142.50	ng	-0.01
23) Nitrobenzene-d5	7.41	82	947453	99.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	280678	145.67	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1678503	114.14	ng	-0.01
78) Terphenyl-d14	12.95	244	1433963	85.90	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	145788	34.22	ng	# 84
3) Pyridine	3.15	79	396852	36.63	ng	87
4) n-Nitrosodimethylamine	3.10	42	231330	45.48	ng	88
6) Aniline	6.50	93	475914	34.39	ng	# 61
8) 2-Chlorophenol	6.62	128	414356	47.63	ng	90
9) Benzaldehyde	6.37	77	165817	22.81	ng	87
10) Phenol	6.49	94	468199	39.45	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	434307	45.84	ng	95
12) 1,3-Dichlorobenzene	6.77	146	466667	45.80	ng	95
13) 1,4-Dichlorobenzene	6.85	146	478946	46.45	ng	95
14) 1,2-Dichlorobenzene	7.00	146	412541	41.84	ng	97
15) Benzyl Alcohol	6.98	79	344204	45.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	715901	43.49	ng	96
17) 2-Methylphenol	7.10	107	383209	51.35	ng	95
18) Hexachloroethane	7.34	117	154729	43.96	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	290043	44.91	ng	95
20) 3+4-Methylphenols	7.25	107	444206	49.79	ng	# 68
22) Acetophenone	7.25	105	570973	47.34	ng	# 95
24) Nitrobenzene	7.42	77	444280	45.61	ng	99
25) Isophorone	7.66	82	854347	48.33	ng	95
26) 2-Nitrophenol	7.74	139	247375	53.42	ng	92
27) 2,4-Dimethylphenol	7.79	122	431726	53.09	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	579616	49.51	ng	100
29) 2,4-Dichlorophenol	7.98	162	355974	46.93	ng	87
30) 1,2,4-Trichlorobenzene	8.06	180	364326	44.57	ng	94
31) Naphthalene	8.14	128	1122960	41.93	ng	99
32) Benzoic acid	7.93	122	246682	52.71	ng	98
33) 4-Chloroaniline	8.20	127	272454	25.94	ng	99
34) Hexachlorobutadiene	8.26	225	189209	42.08	ng	99
35) Caprolactam	8.58	113	126782m	53.14	ng	
36) 4-Chloro-3-methylphenol	8.69	107	392520	49.64	ng	99
37) 2-Methylnaphthalene	8.84	142	834967	48.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	338326	45.24	ng	99
40) Hexachlorocyclopentadiene	8.99	237	287998	85.36	ng	96

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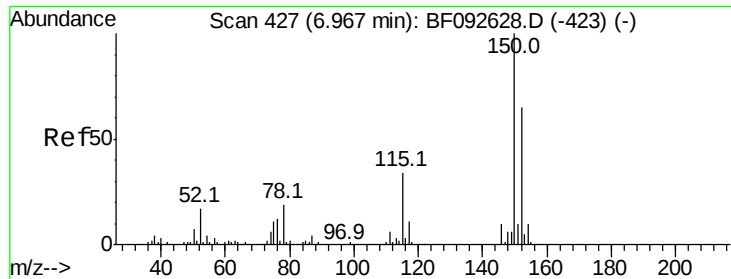
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	256821	52.26	nq	94
43) 2,4,5-Trichlorophenol	9.16	196	258074	47.93	nq	95
45) 1,1'-Biphenyl	9.30	154	912063	47.28	nq	96
46) 2-Chloronaphthalene	9.33	162	774783	51.34	nq	95
47) 2-Nitroaniline	9.42	65	246131	48.51	nq	92
48) Acenaphthylene	9.74	152	1255008	48.14	nq	99
49) Dimethylphthalate	9.61	163	866557	48.29	nq	98
50) 2,6-Dinitrotoluene	9.68	165	226941	58.56	nq	95
51) Acenaphthene	9.92	154	744618	47.77	nq	97
52) 3-Nitroaniline	9.85	138	138031	31.12	nq	# 71
53) 2,4-Dinitrophenol	9.96	184	225505	112.35	nq	94
54) Dibenzofuran	10.09	168	1063121	51.00	nq	95
55) 4-Nitrophenol	10.02	139	279429	87.48	nq	94
56) 2,4-Dinitrotoluene	10.08	165	238433	46.21	nq	# 84
57) Fluorene	10.43	166	850940	53.06	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	211859	58.99	nq	94
59) Diethylphthalate	10.30	149	840733	49.72	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	359342	46.64	nq	90
61) 4-Nitroaniline	10.46	138	249140	54.85	nq	84
62) Azobenzene	10.58	77	991978	56.78	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	148707	51.00	nq	# 45
65) n-Nitrosodiphenylamine	10.54	169	759916	49.83	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	235747	47.27	nq	# 90
67) Hexachlorobenzene	10.98	284	233369	47.35	nq	99
68) Atrazine	11.07	200	212373	43.40	nq	98
69) Pentachlorophenol	11.17	266	231216	89.90	nq	97
70) Phenanthrene	11.39	178	1253947	45.85	nq	98
71) Anthracene	11.44	178	1249564	45.50	nq	99
72) Carbazole	11.60	167	1049457	39.97	nq	99
73) Di-n-butylphthalate	11.93	149	1440197	50.72	nq	# 97
74) Fluoranthene	12.58	202	1309843	46.43	nq	95
76) Benzidine	12.71	184	507453	30.36	nq	96
77) Pyrene	12.81	202	1309044	44.59	nq	98
79) Butylbenzylphthalate	13.43	149	622229	52.20	nq	89
80) Benzo(a)anthracene	14.00	228	1014876	42.30	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	230184	26.92	nq	# 94
82) Chrysene	14.03	228	915871	40.77	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	784673	48.13	nq	# 95
84) Di-n-octyl phthalate	14.59	149	1274446	48.01	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	718314	41.28	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	847371m	47.74	nq	
88) Benzo(k)fluoranthene	15.05	252	770619m	50.28	nq	
89) Benzo(a)pyrene	15.38	252	761774	49.61	nq	96
90) Dibenzo(a,h)anthracene	16.85	278	594623	47.92	nq	99
91) Benzo(g,h,i)perylene	17.27	276	612980	48.89	nq	# 93

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



#1

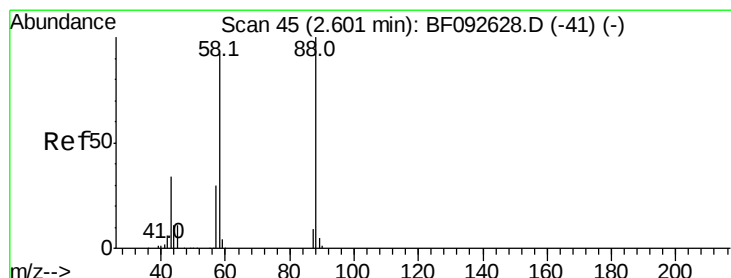
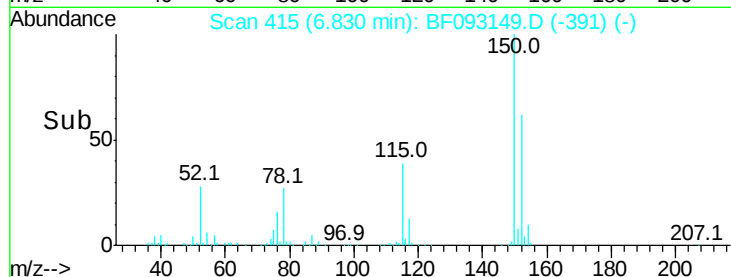
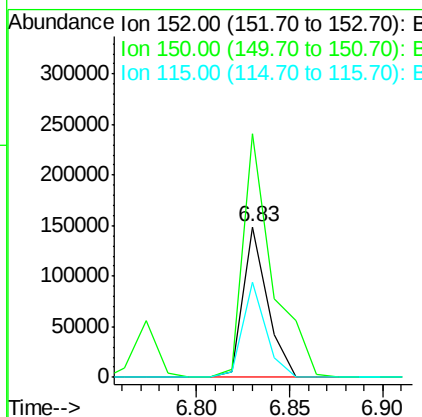
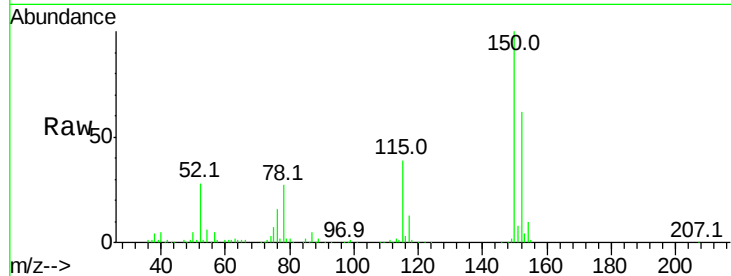
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.9	187.3
115	63.1	46.0	69.0

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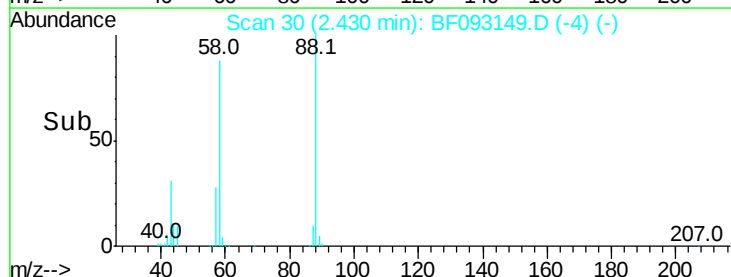
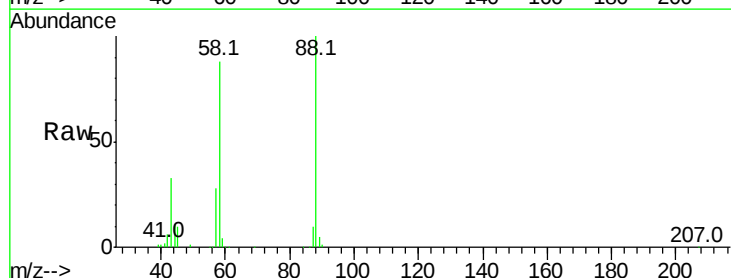
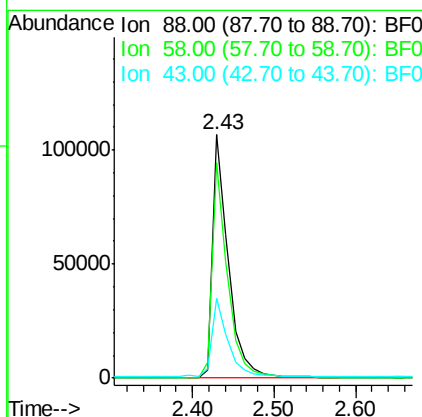
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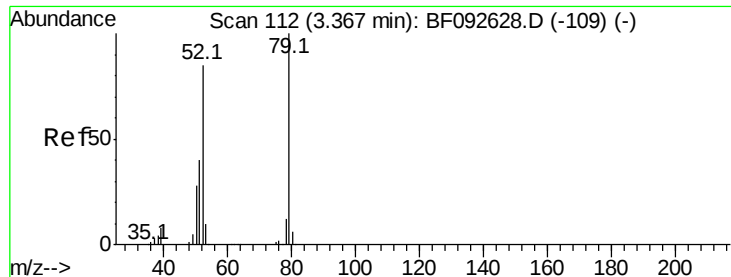


#2

1,4-Dioxane
Concen: 34.22 ng
RT: 2.43 min Scan# 30
Delta R.T. -0.00 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	57.8	86.8#
43	33.1	22.3	33.5





#3

Pvridine

Concen: 36.63 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.00 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

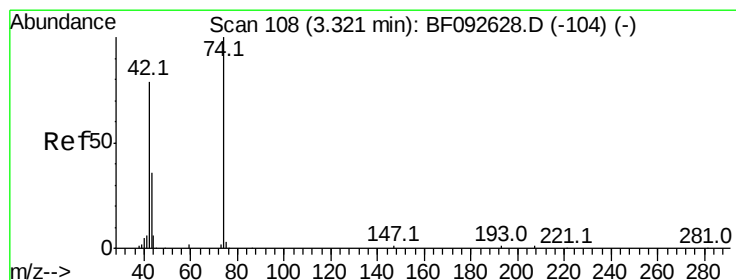
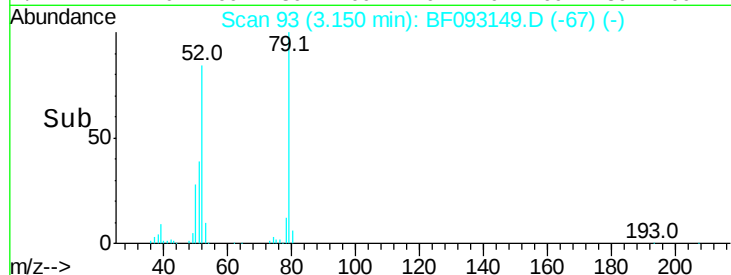
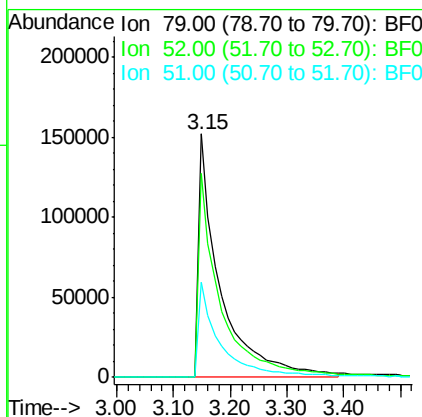
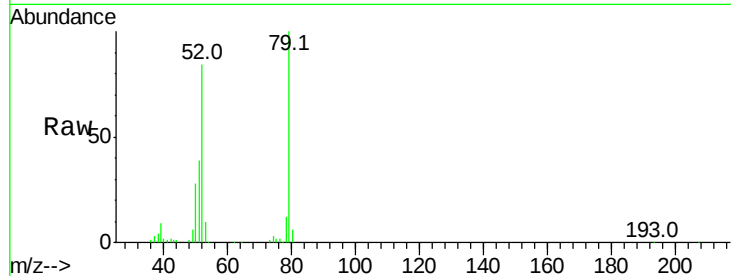
ClientSampleId :

PB97158BS

Tot Ion:	79	Resp:	396852
Ion Ratio	Lower	Upper	
79	100		
52	83.6	57.1	85.7
51	39.2	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.48 ng

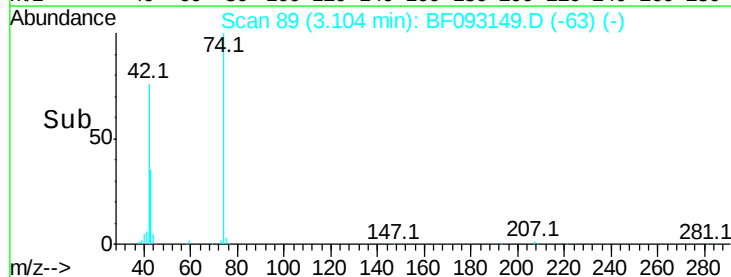
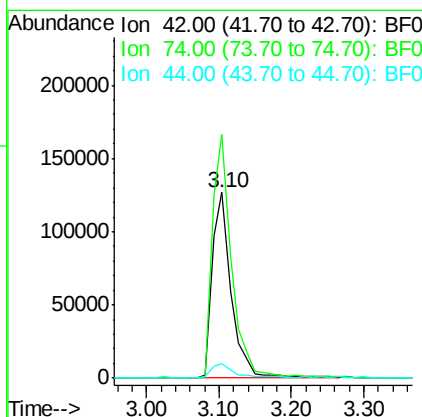
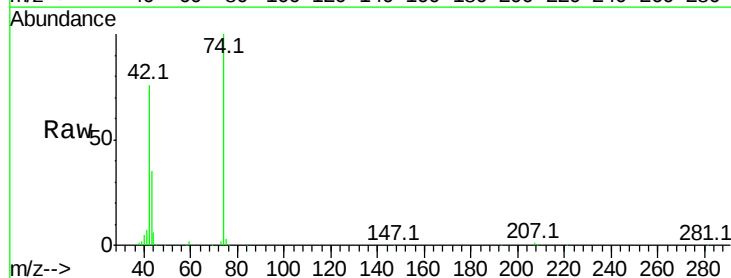
RT: 3.10 min Scan# 89

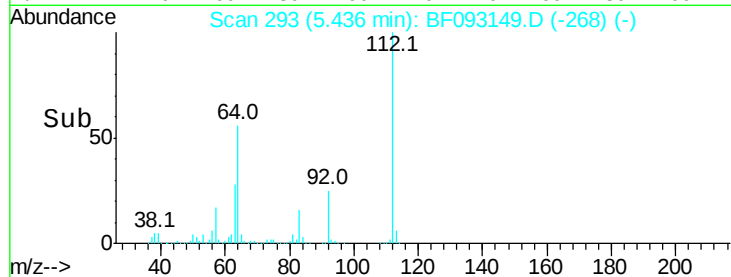
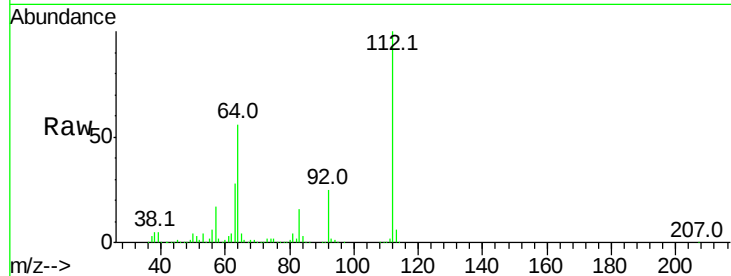
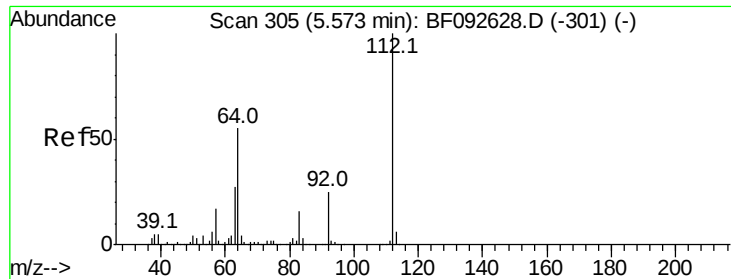
Delta R.T. -0.00 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	42	Resp:	231330
Ion Ratio	Lower	Upper	
42	100		
74	131.0	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 152.72 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tot Ion:	112	Resp:	1204140
Ion Ratio	Lower	Upper	
112	100		
64	55.5	46.1	69.1
63	27.8	23.8	35.6

Instrument :

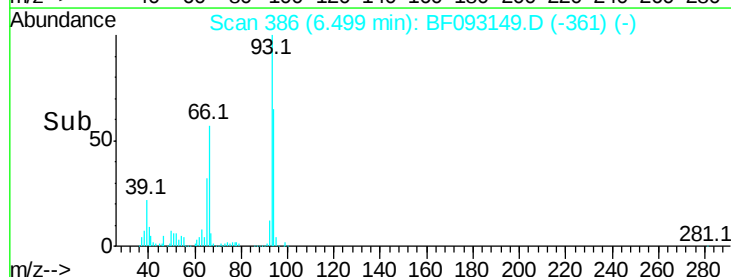
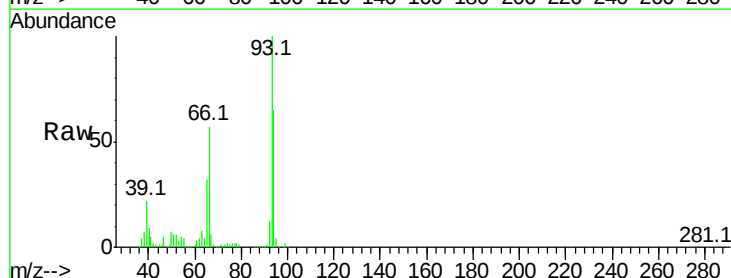
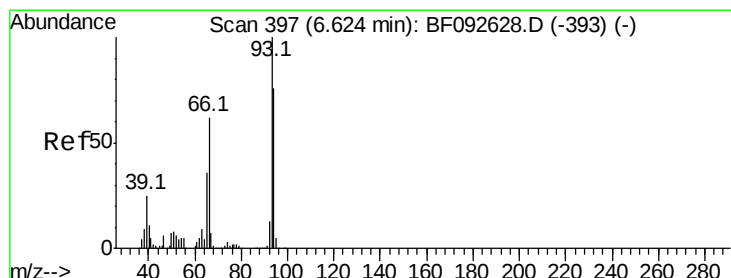
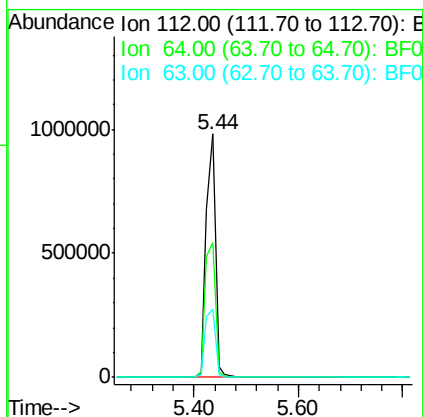
BNA_F

ClientSampled :

PB97158BS

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#6

Aniline

Concen: 34.39 ng

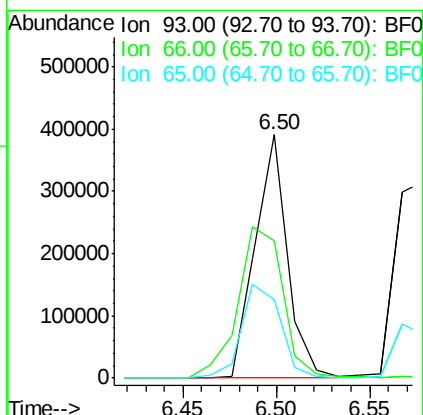
RT: 6.50 min Scan# 386

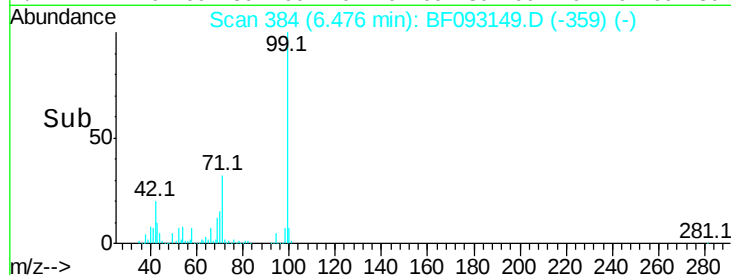
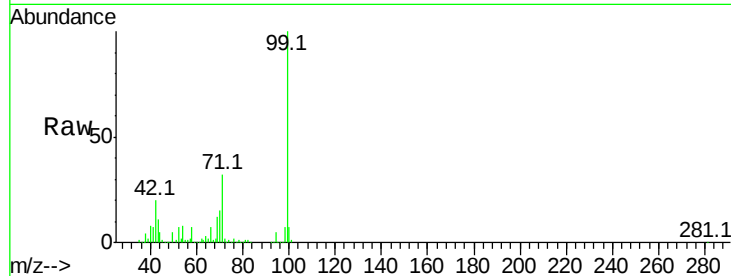
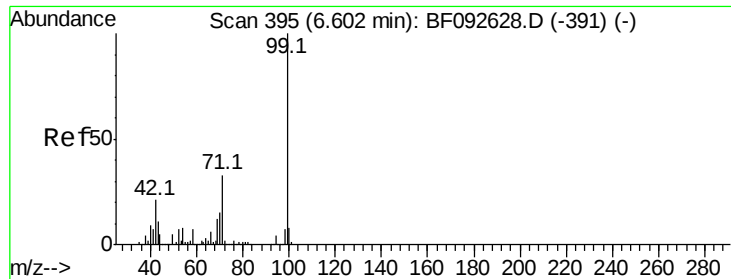
Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	93	Resp:	475914
Ion Ratio	Lower	Upper	
93	100		
66	56.6	76.2	114.2#
65	32.1	49.3	73.9#





#7

Phenol-d6

Concen: 142.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tot Ion: 99 Resp: 1445634

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 32.5 27.5 41.3

Instrument :

BNA_F

ClientSampled :

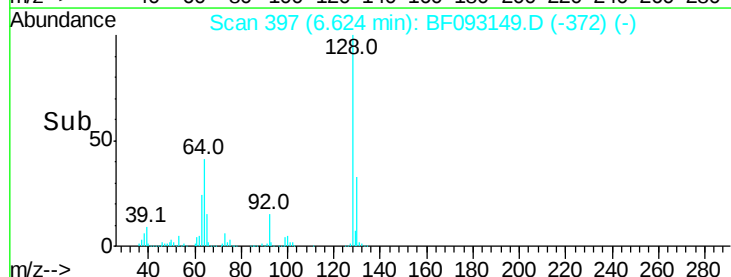
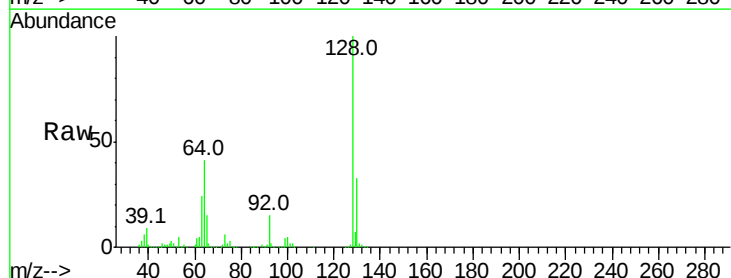
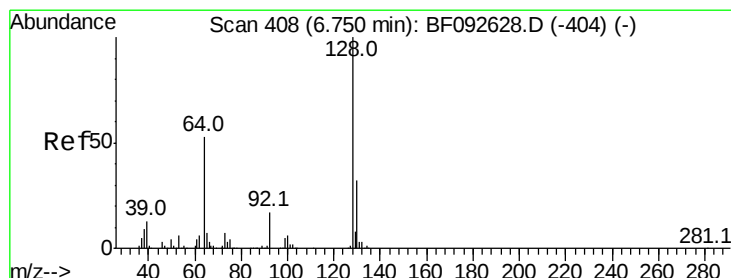
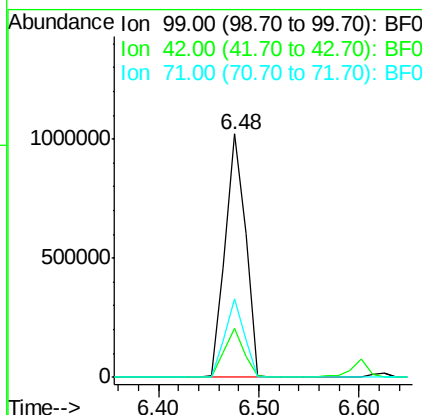
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#8

2-Chlorophenol

Concen: 47.63 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

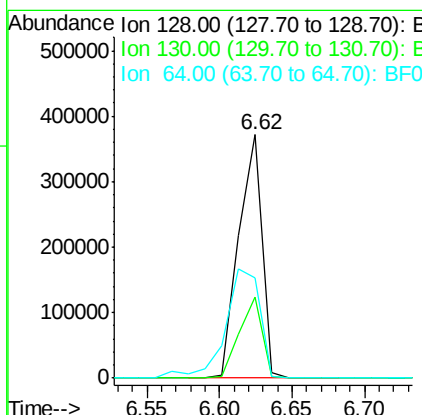
Tgt Ion: 128 Resp: 414356

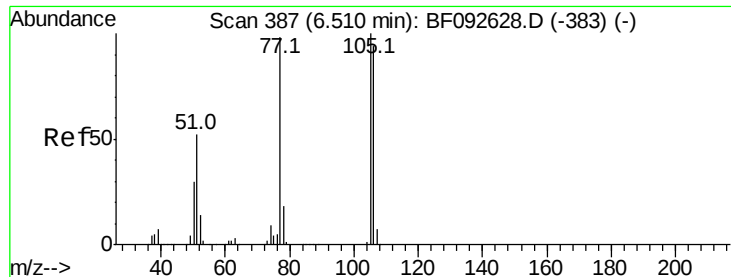
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 41.3 32.2 72.2





#9

Benzaldehyde

Concen: 22.81 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

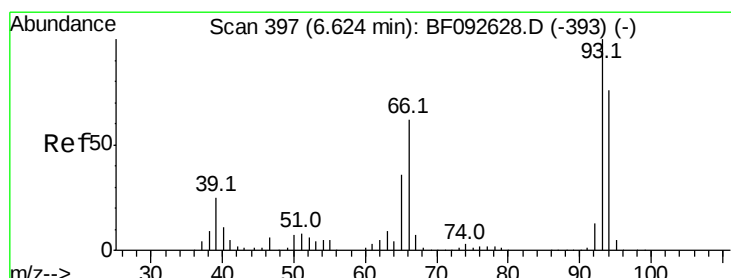
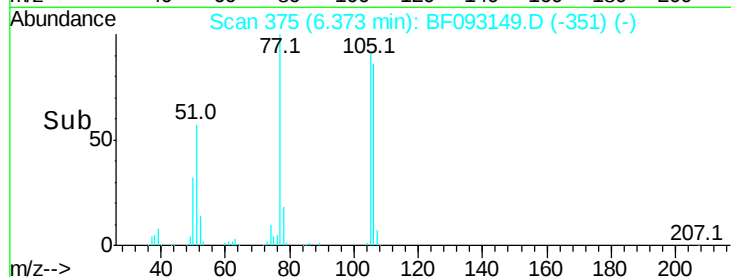
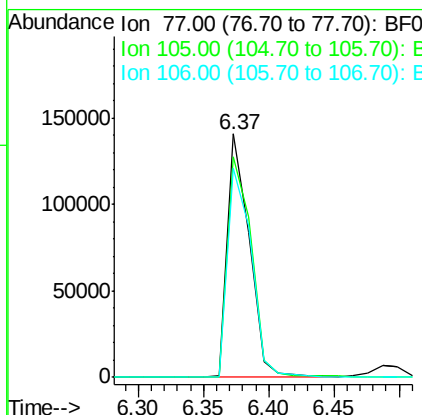
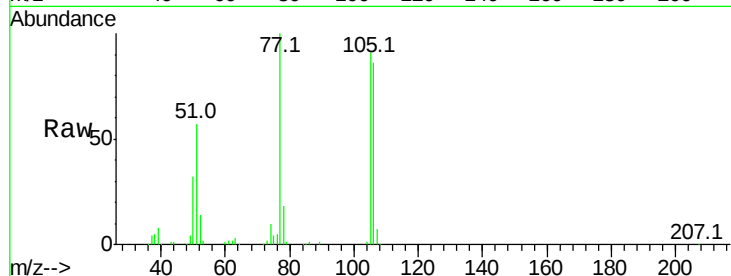
ClientSampleId :

PB97158BS

Tot Ion: 77 Resp: 165817
 Ion Ratio Lower Upper
 77 100
 105 90.7 83.9 123.9
 106 85.7 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 39.45 ng

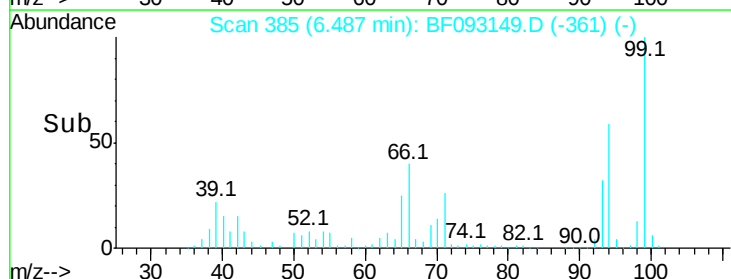
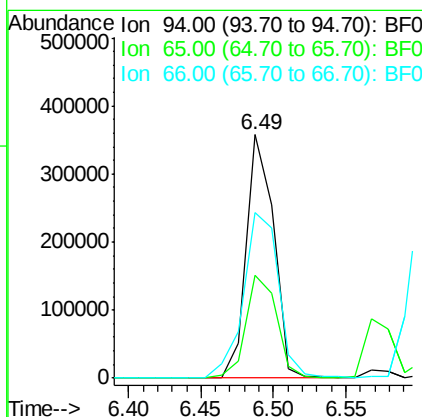
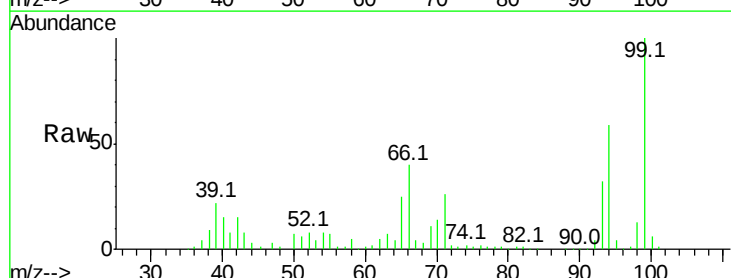
RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion: 94 Resp: 468199
 Ion Ratio Lower Upper
 94 100
 65 42.2 21.4 61.4
 66 68.1 44.0 84.0





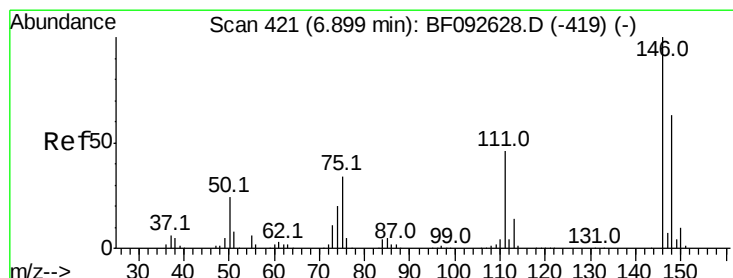
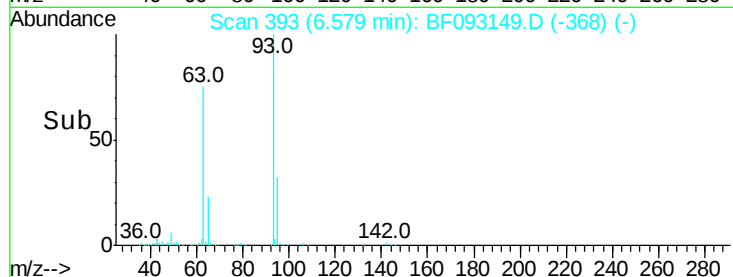
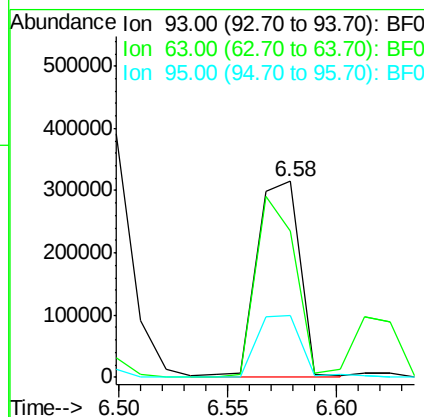
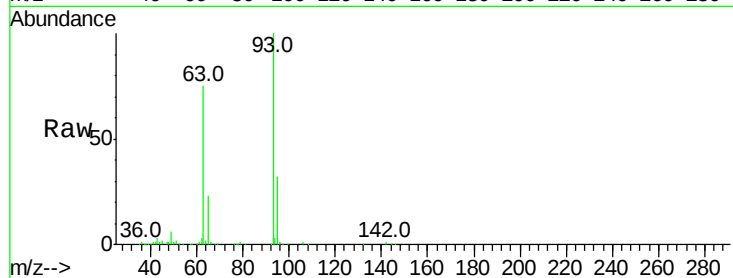
#11
bis(2-Chloroethyl)ether
Concen: 45.84 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion:	93	Resp:	434307
Ion Ratio	Lower	Upper	
93	100		
63	74.7	60.4	100.4
95	31.5	12.8	52.8

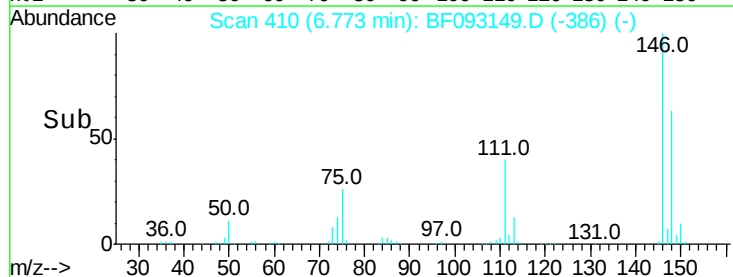
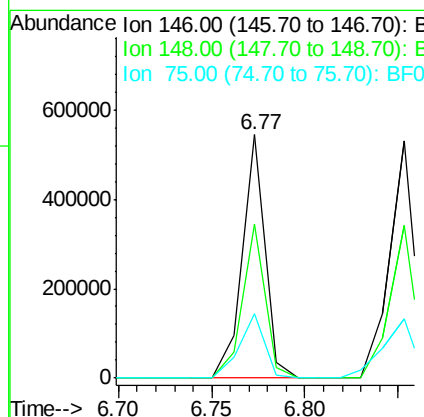
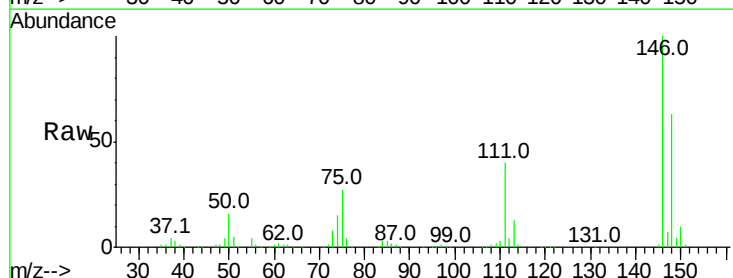
Manual Integrations
APPROVED

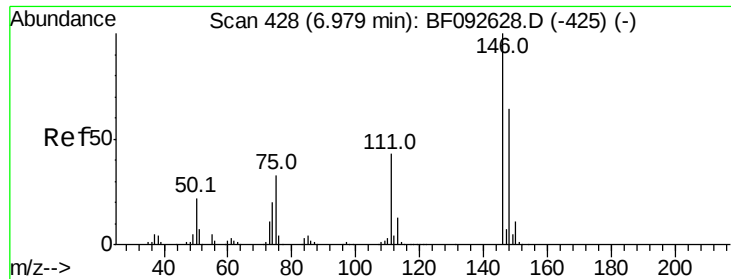
mohammad
2/27/2017 1:07:30 PM



#12
1,3-Dichlorobenzene
Concen: 45.80 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion:	146	Resp:	466667
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.4	80.0
75	26.5	18.5	27.7





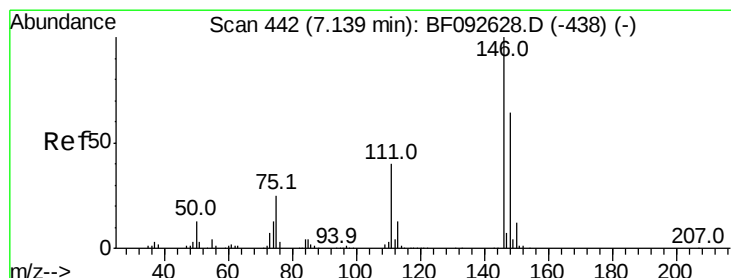
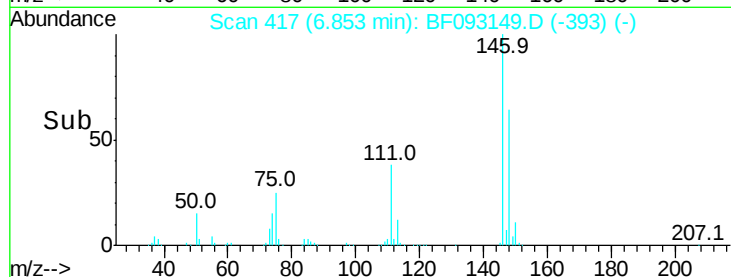
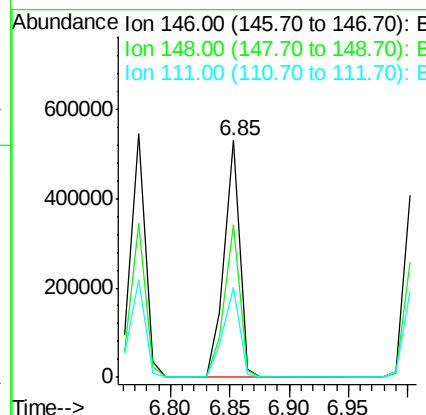
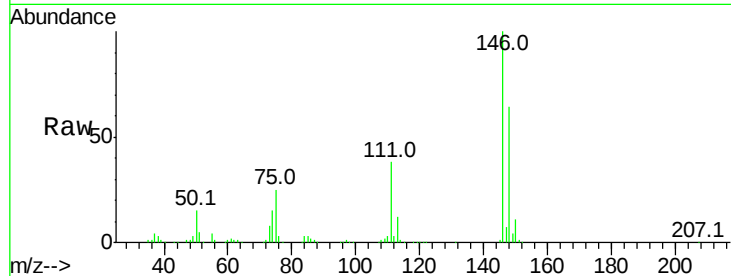
#13
 1,4-Dichlorobenzene
 Concen: 46.45 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	37.9	36.2	54.4

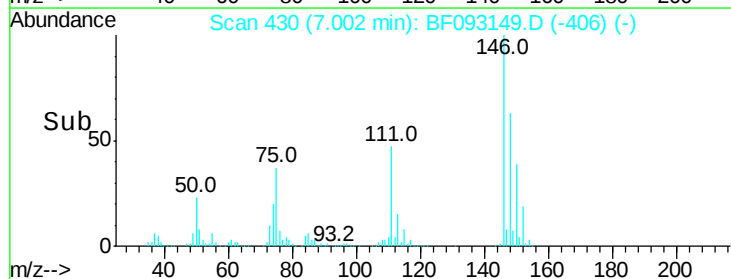
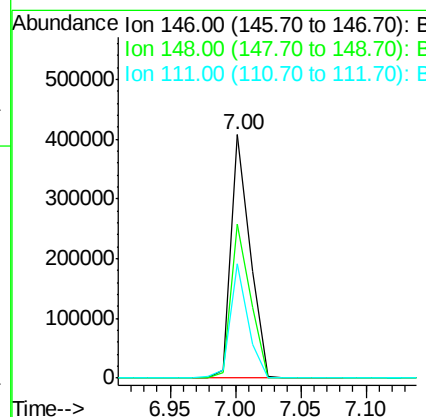
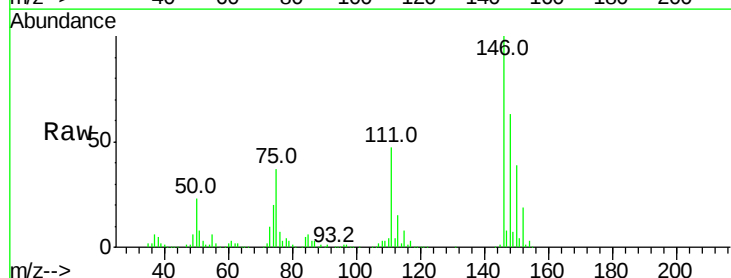
Manual Integrations
 APPROVED

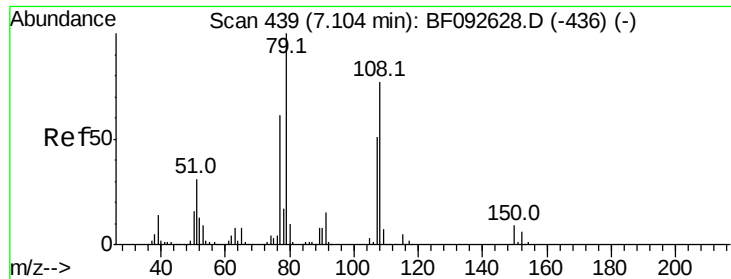
mohammad
 2/27/2017 1:07:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.84 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	47.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 45.83 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

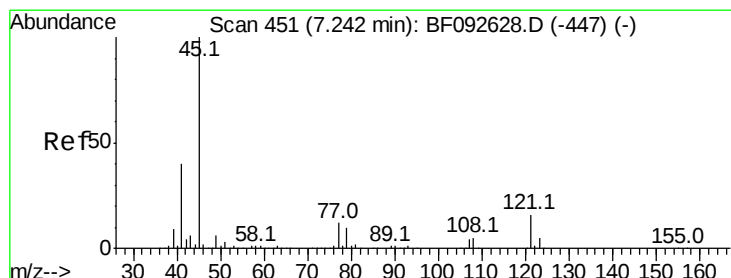
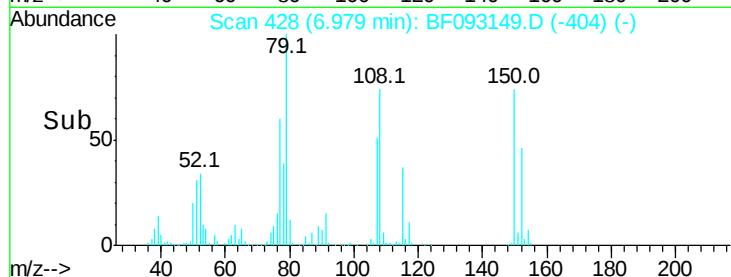
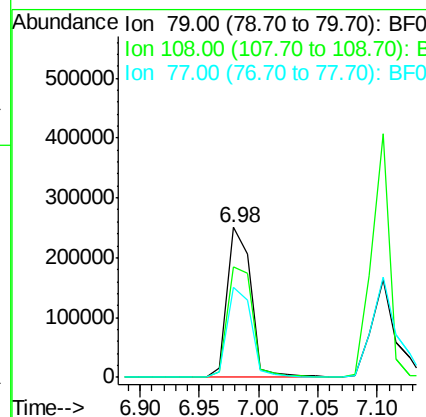
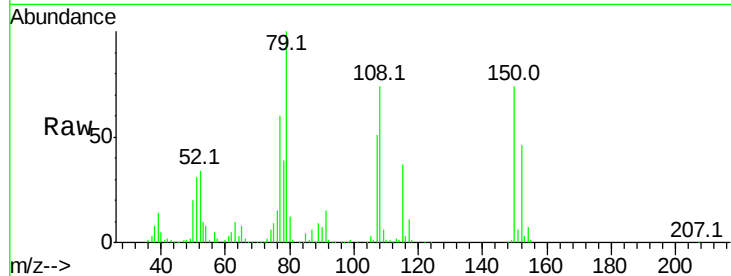
ClientSampled :

PB97158BS

Tot Ion:	79	Resp:	344204
Ion Ratio	Lower	Upper	
79	100		
108	73.8	61.4	92.0
77	60.3	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.49 ng

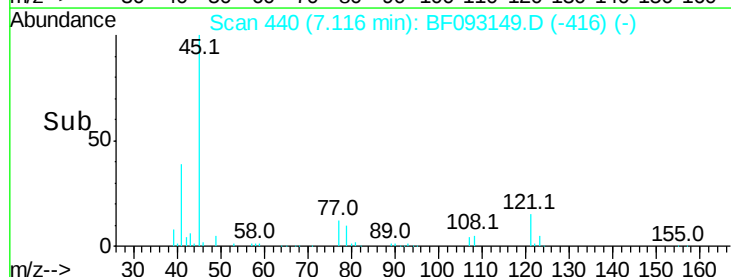
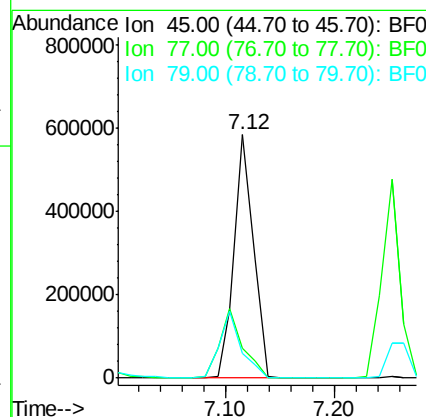
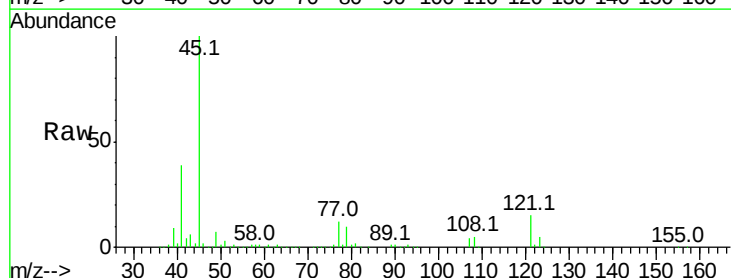
RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	45	Resp:	715901
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	34.6
79	10.1	0.0	31.2





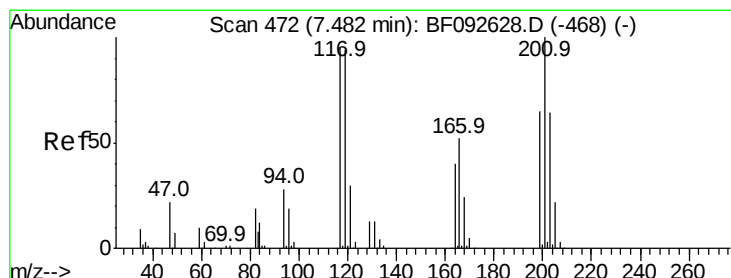
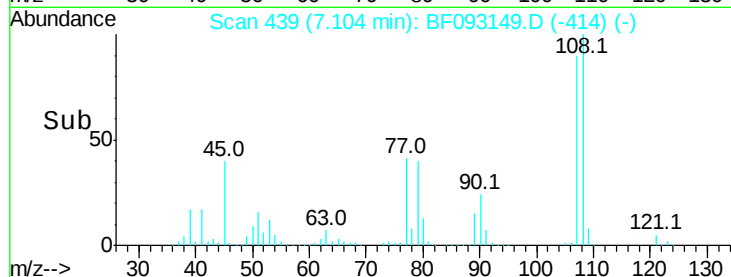
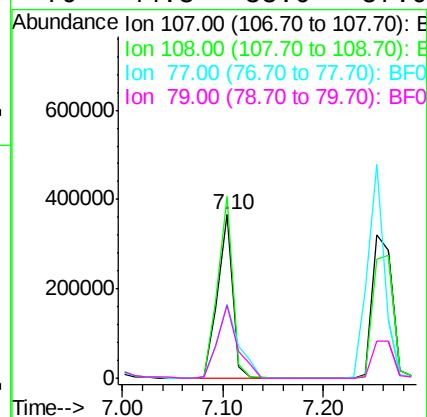
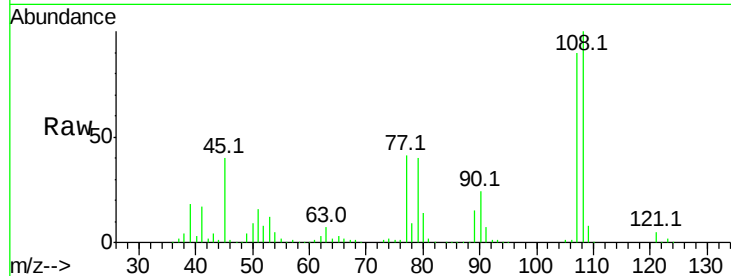
#17
2-Methylphenol
Concen: 51.35 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	93.0	139.6
77	45.5	39.8	59.8
79	44.3	38.0	57.0

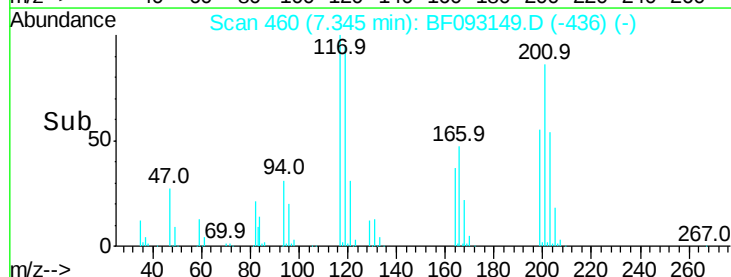
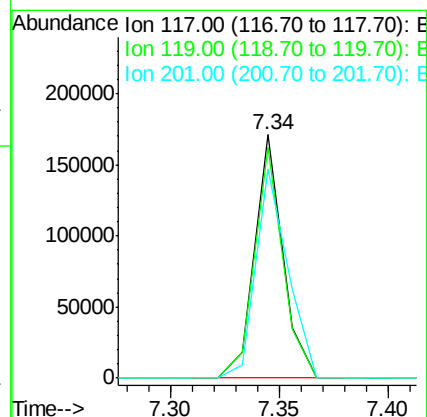
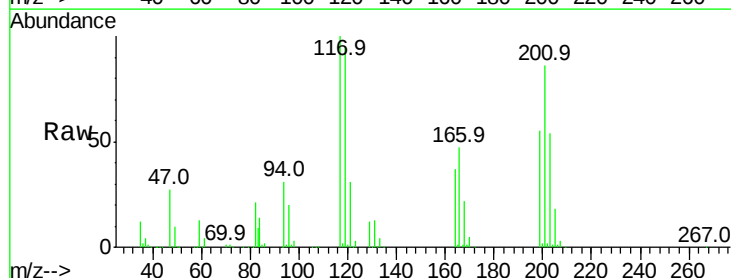
Manual Integrations
APPROVED

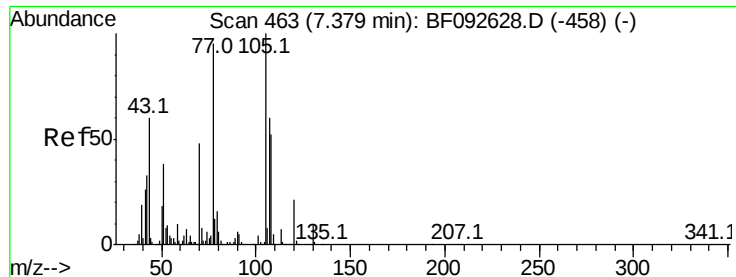
mohammad
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#18
Hexachloroethane
Concen: 43.96 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.1	117.1
201	86.1	78.6	117.8





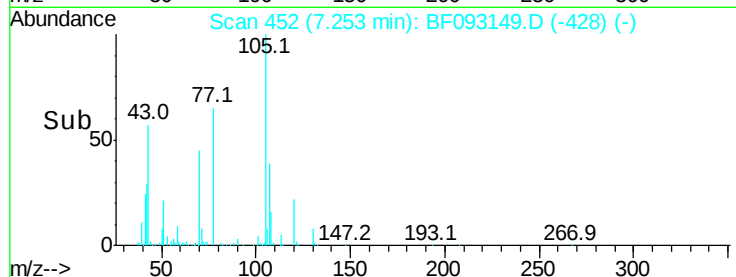
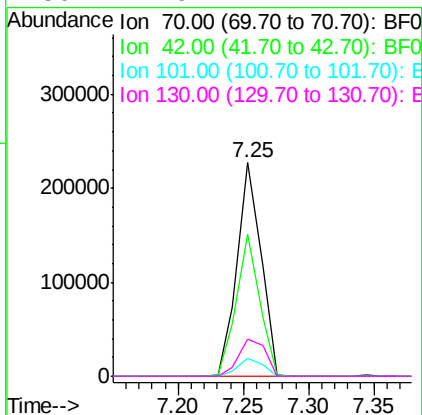
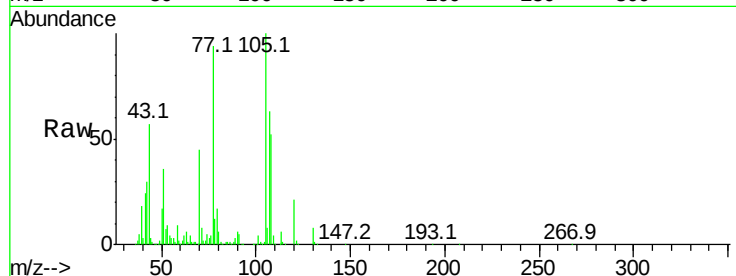
#19
n-Nitroso-di-n-propylamine
Concen: 44.91 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	49.4	74.0
101	8.6	7.4	11.2
130	17.6	14.2	21.4

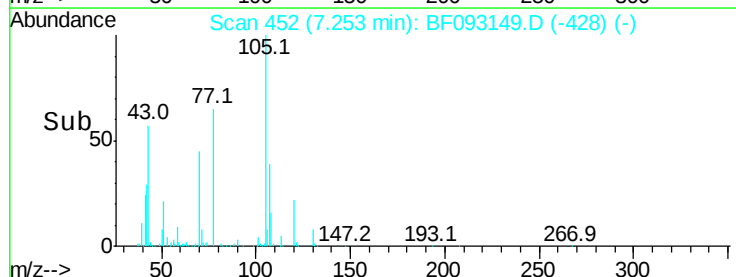
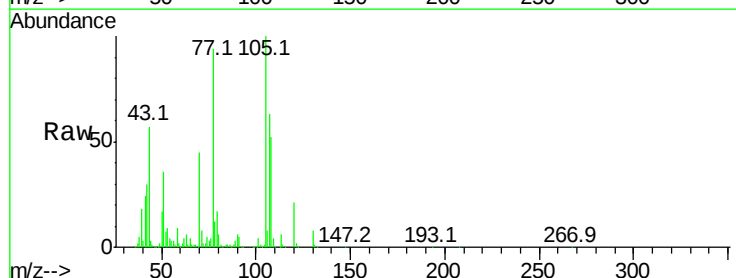
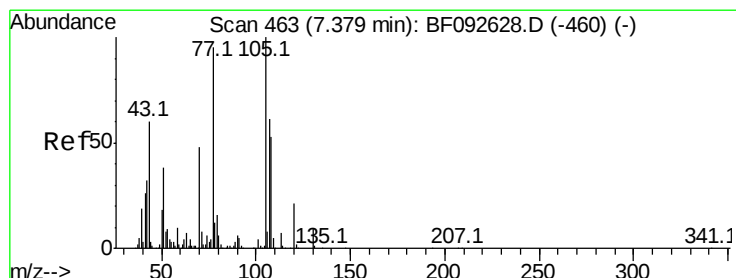
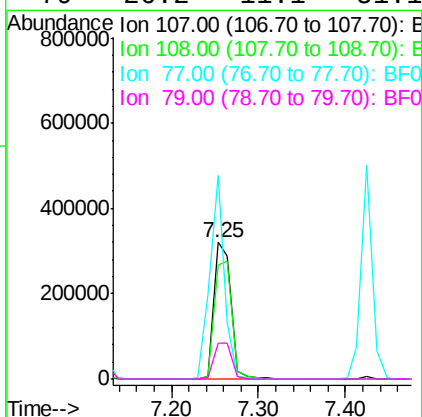
Manual Integrations
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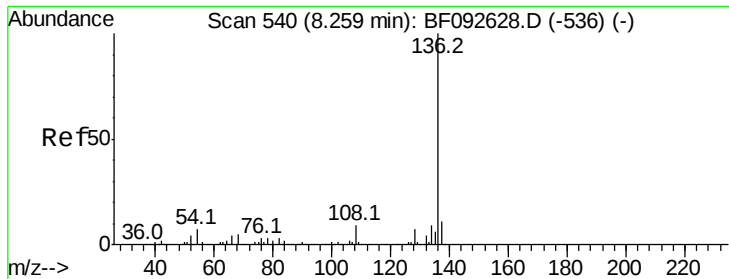
mohammad
2/27/2017 1:07:30 PM



#20
3+4-Methylphenols
Concen: 49.79 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.9	73.0	113.0
77	148.8	71.3	111.3#
79	26.2	11.1	51.1





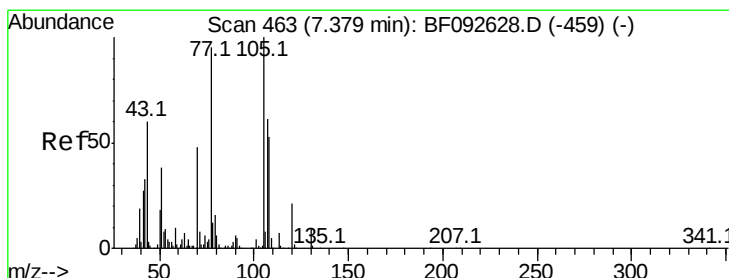
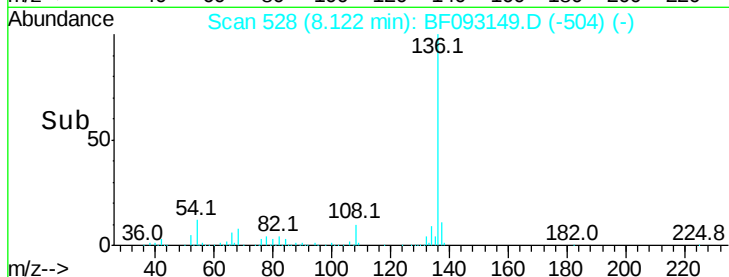
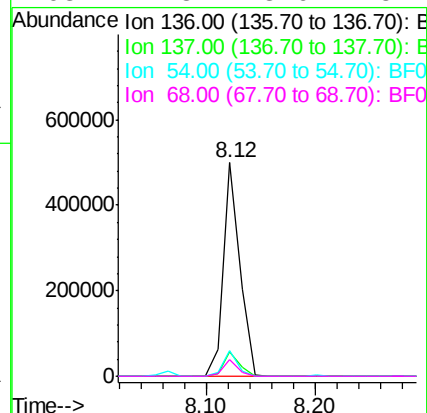
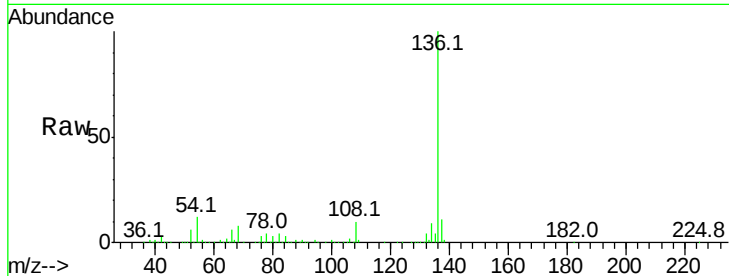
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.4	12.6	
54	11.7	4.5	6.7#	
68	7.8	3.6	5.4#	

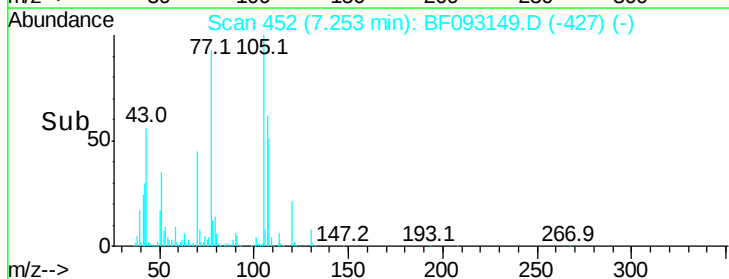
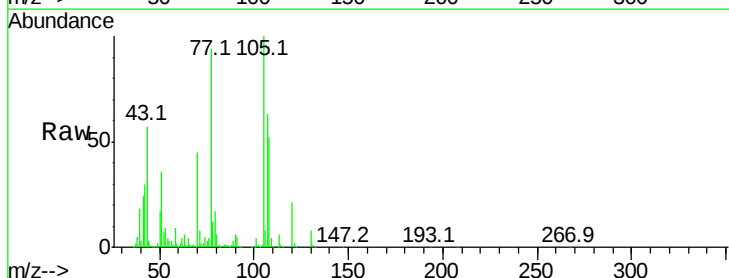
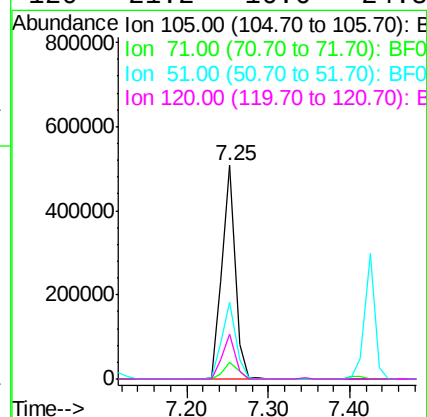
Manual Integrations
APPROVED

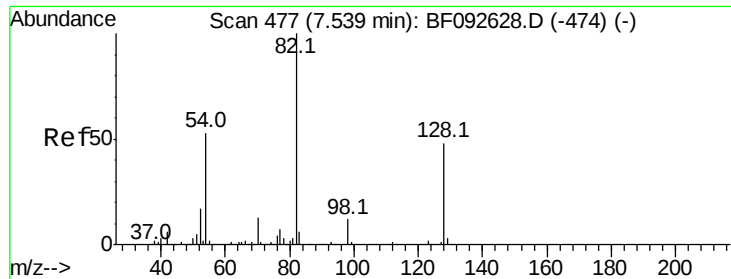
mohammad
2/27/2017 1:07:30 PM



#22
Acetophenone
Concen: 47.34 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	3.2	4.8#	
51	36.2	26.2	39.4	
120	21.2	16.6	24.8	





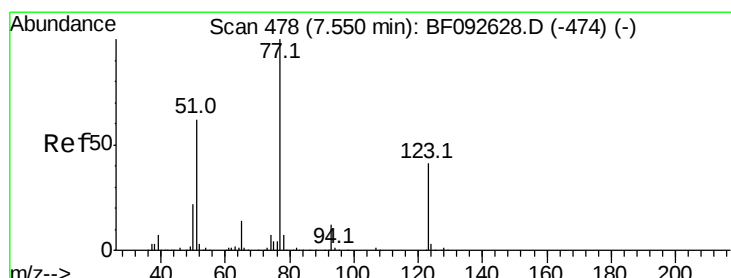
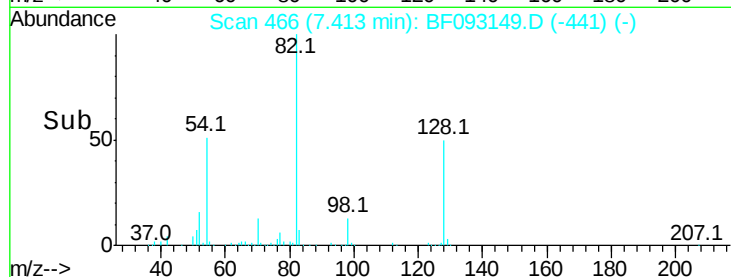
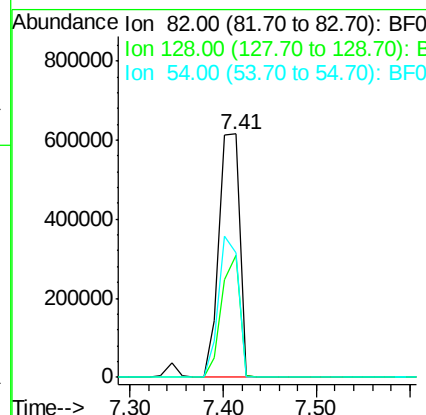
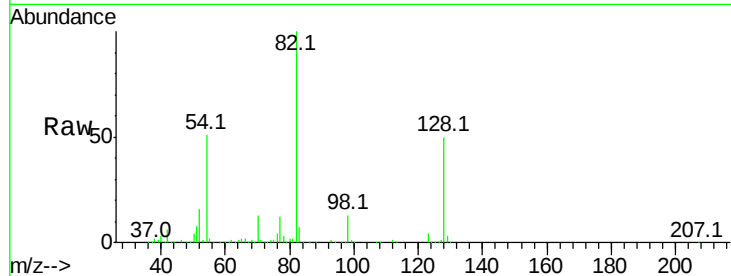
#23
Nitrobenzene-d5
Concen: 99.87 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	34.6	52.0
54	51.1	39.5	59.3

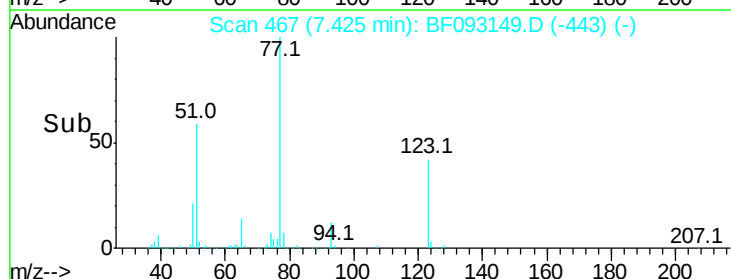
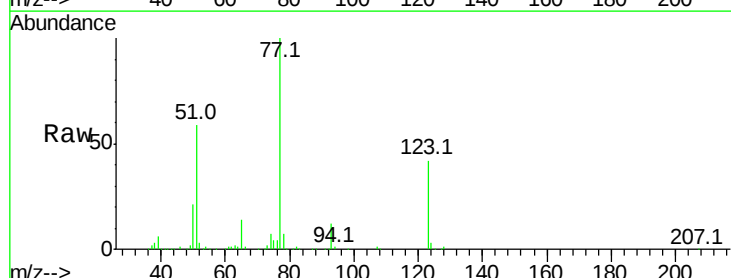
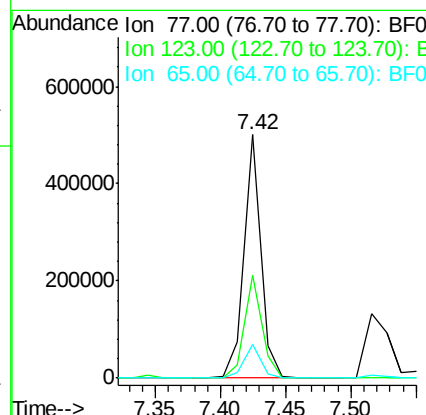
Manual Integrations
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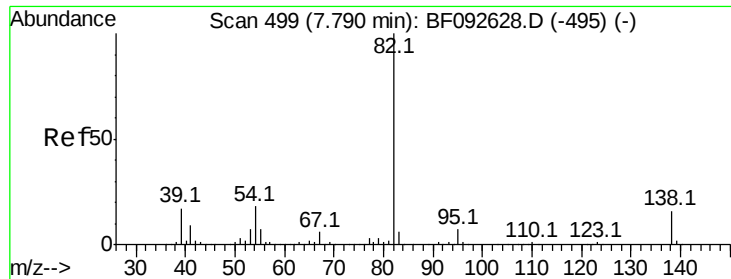
mohammad
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#24
Nitrobenzene
Concen: 45.61 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 48.33 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

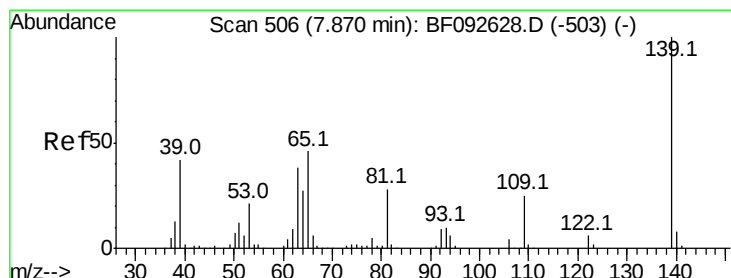
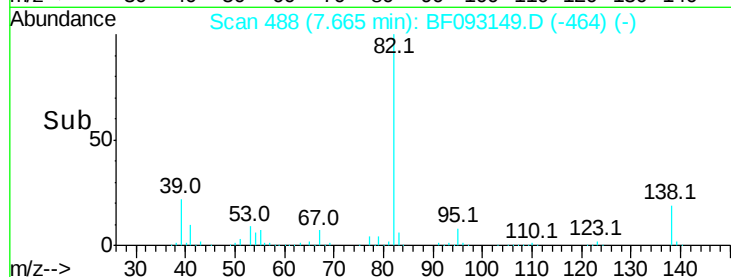
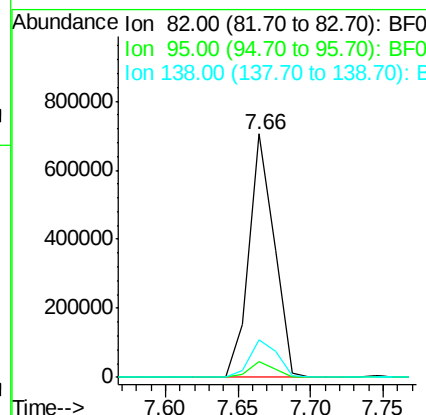
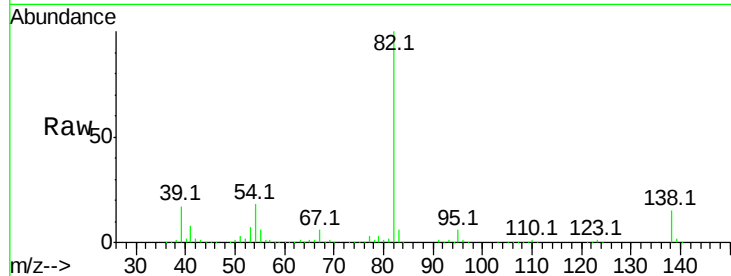
ClientSampleId :

PB97158BS

Tot Ion:	82	Resp:	854347
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.42 ng

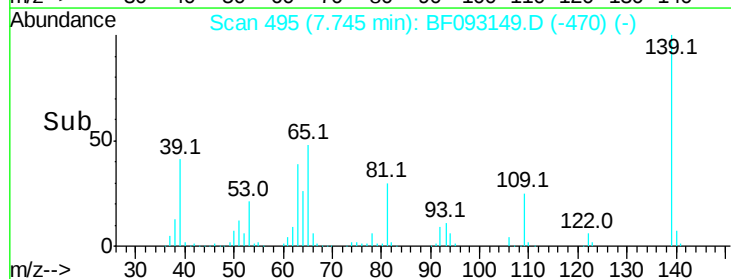
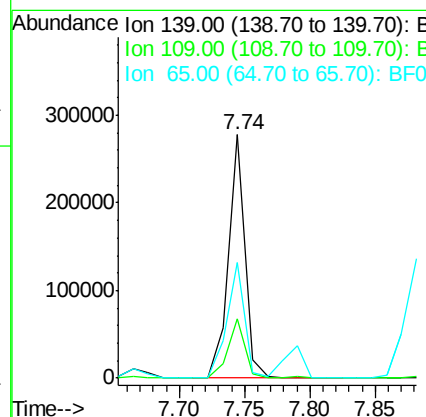
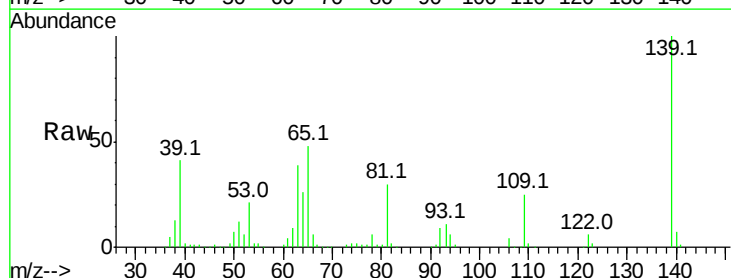
RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	139	Resp:	247375
Ion Ratio	Lower	Upper	
139	100		
109	24.5	23.3	34.9
65	47.5	42.7	64.1





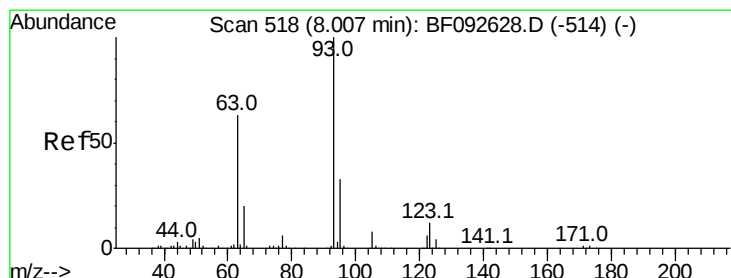
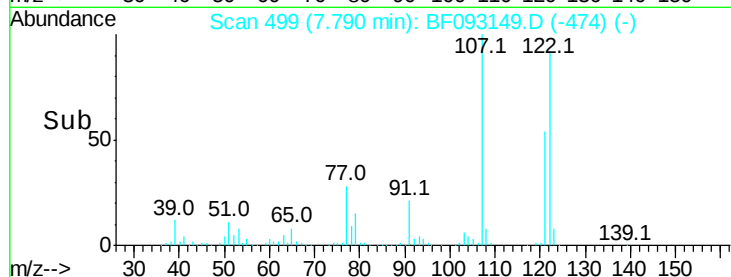
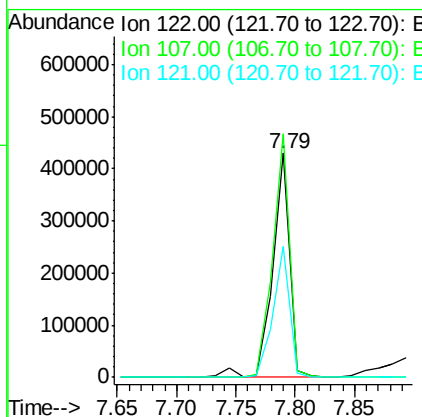
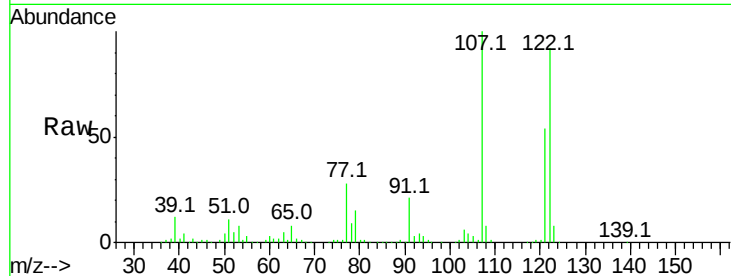
#27
2,4-Dimethylphenol
Concen: 53.09 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	94.1	141.1
121	58.6	46.0	69.0

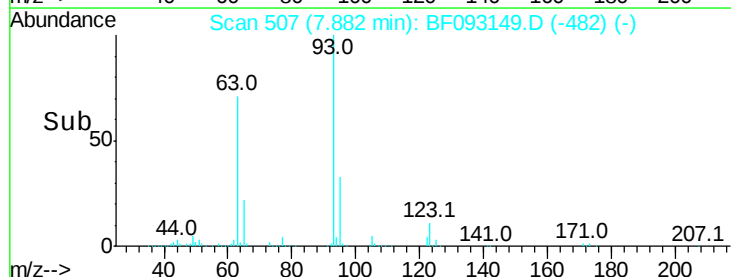
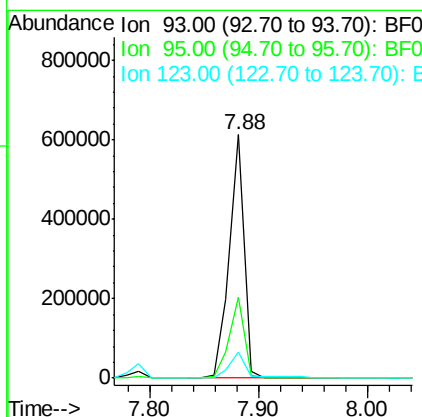
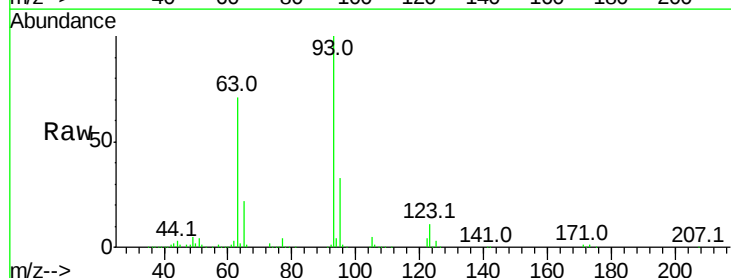
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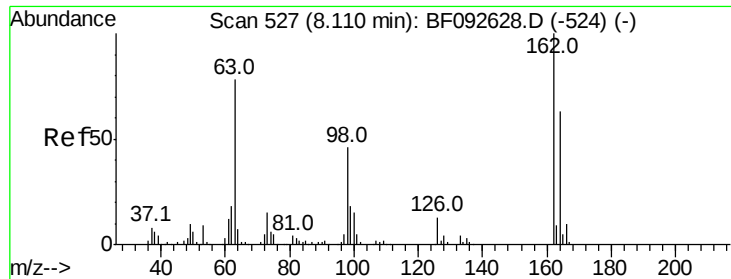
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#28
bis(2-Chloroethoxy)methane
Concen: 49.51 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.5	8.6	13.0





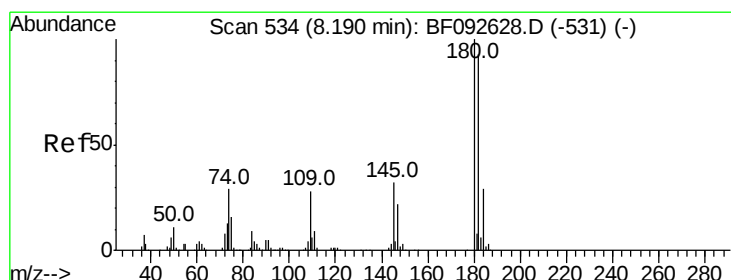
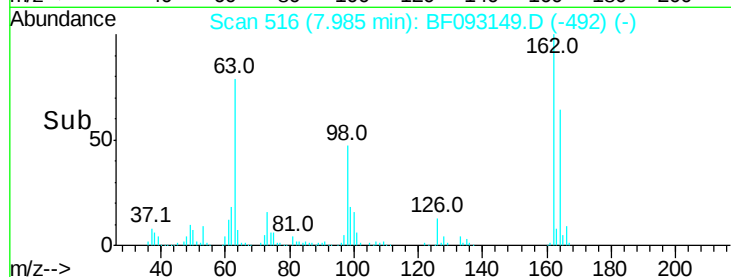
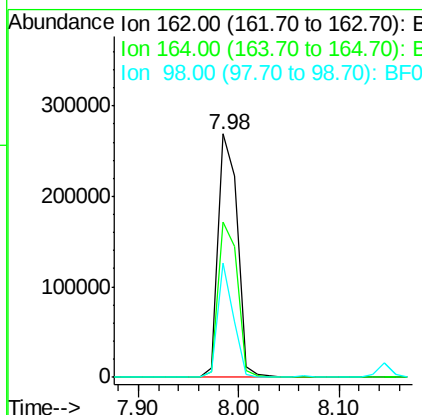
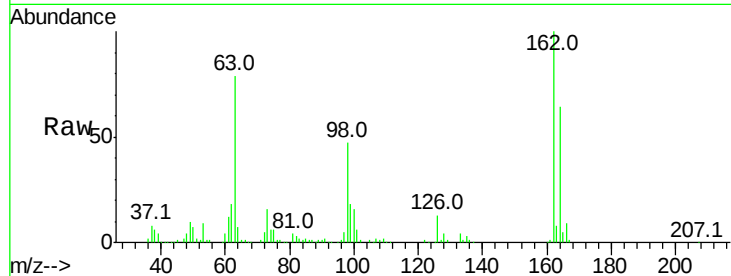
#29
2,4-Dichlorophenol
Concen: 46.93 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	355974		
164	63.7	46.8	86.8	
98	47.2	9.1	49.1	

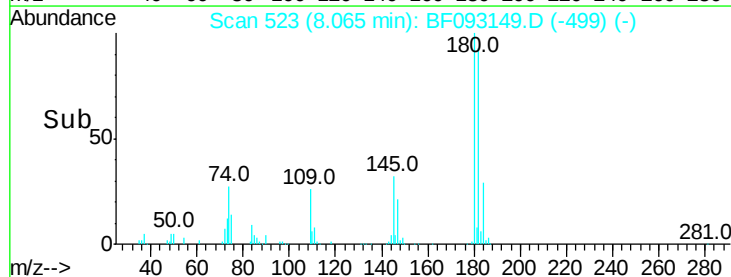
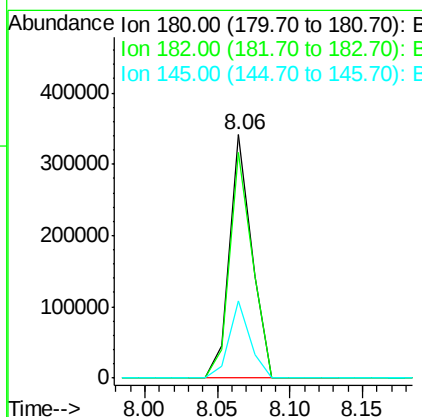
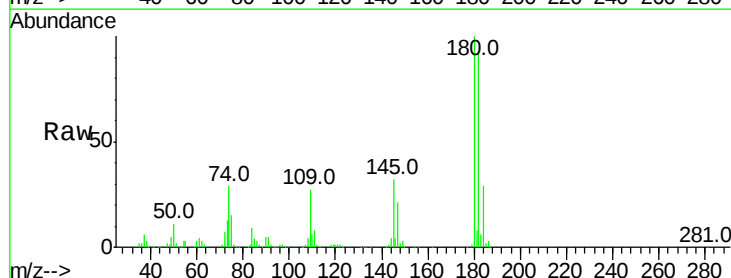
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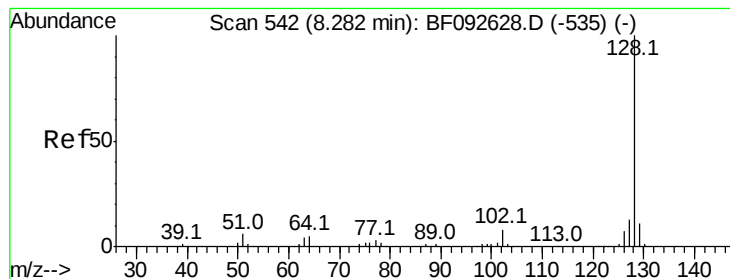
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#30
1,2,4-Trichlorobenzene
Concen: 44.57 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	364326		
182	92.6	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 41.93 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97158BS

Tot Ion:128 Resp: 1122960

Ion Ratio Lower Upper

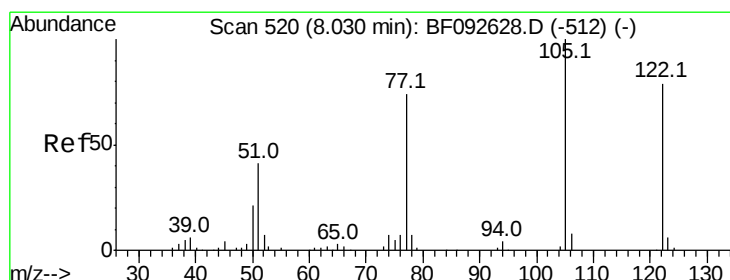
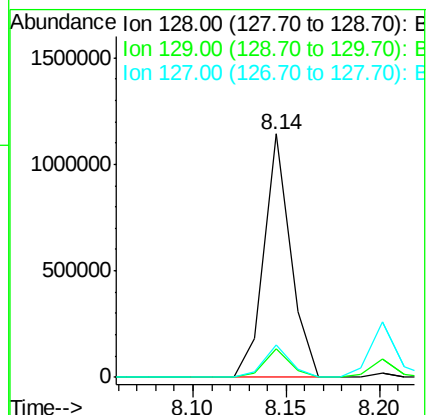
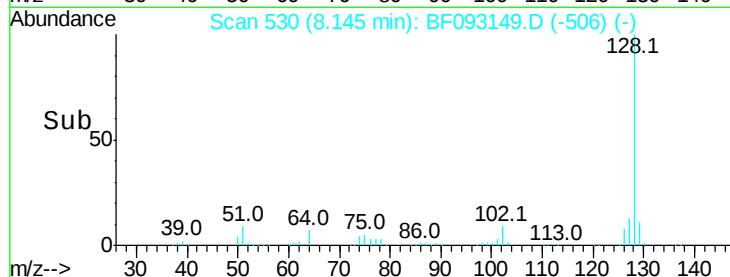
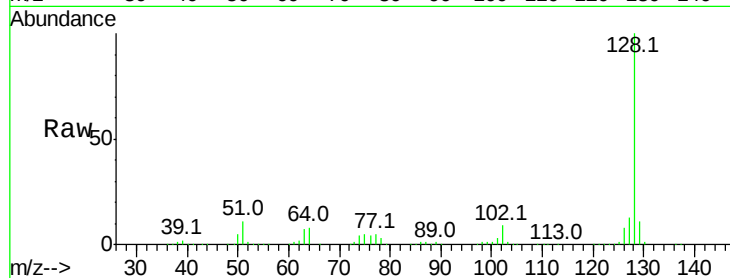
128 100

129 11.5 9.5 14.3

127 13.5 10.8 16.2

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#32

Benzoic acid

Concen: 52.71 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

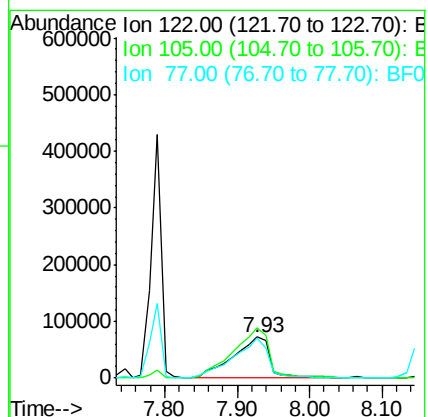
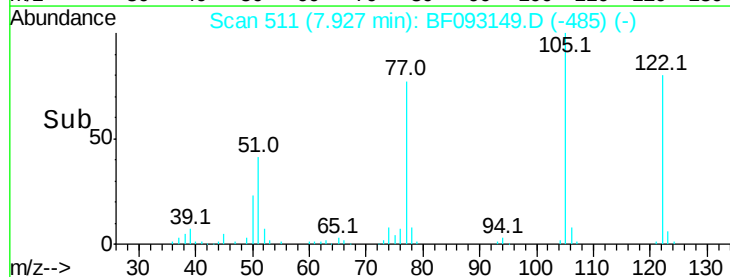
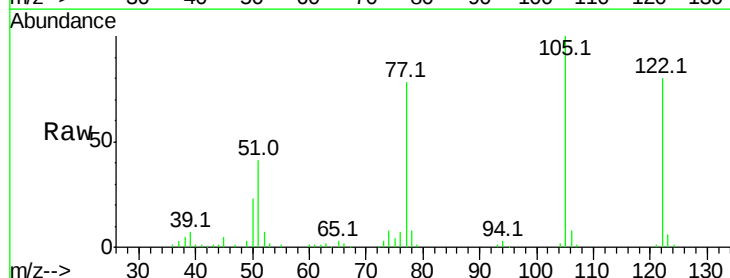
Tgt Ion:122 Resp: 246682

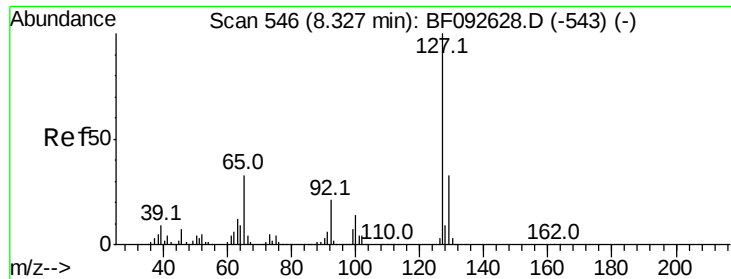
Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

77 96.8 74.5 114.5





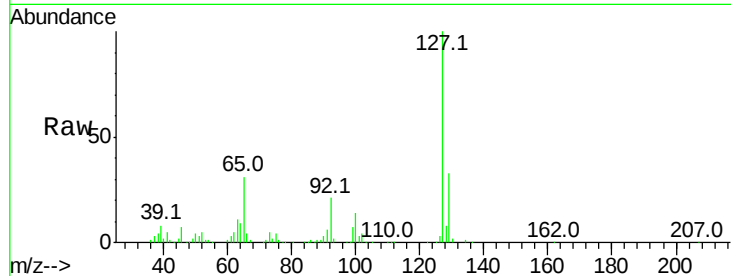
#33
4-Chloroaniline
Concen: 25.94 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

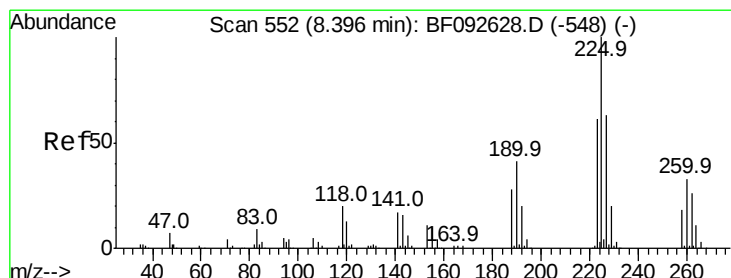
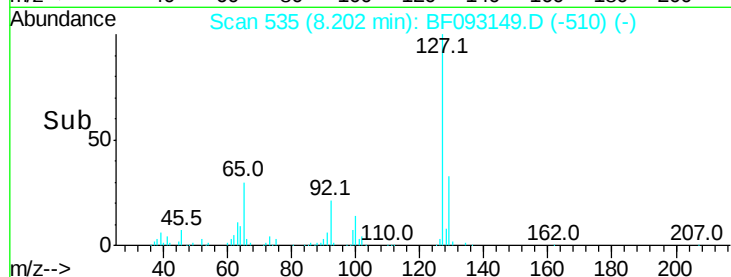
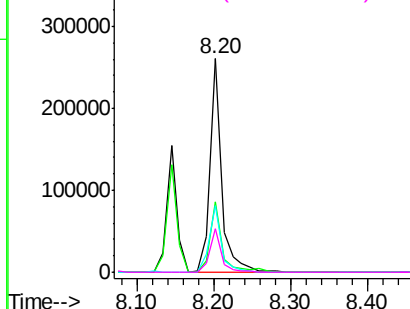
Tot Ion	Ratio	Resp	Lower	Upper
127	100	272454		
129	33.0	26.3	39.5	
65	31.2	25.8	38.8	
92	20.5	16.1	24.1	

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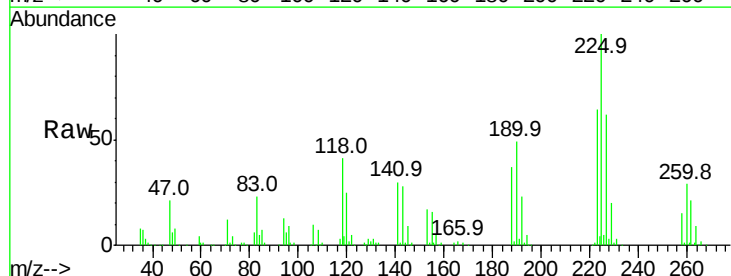


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

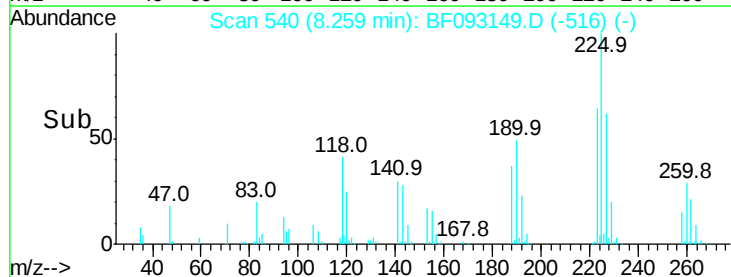
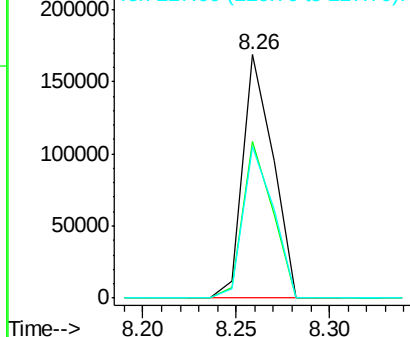


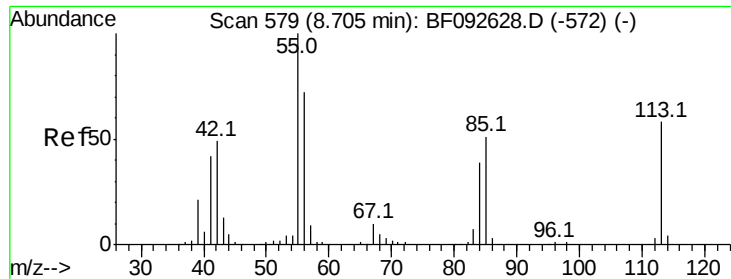
#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189209		
223	64.2	51.0	76.6	
227	62.3	50.6	76.0	



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





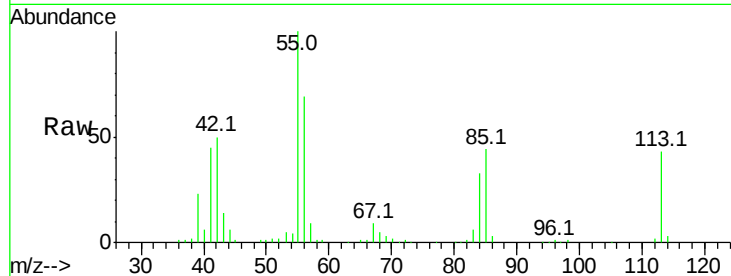
#35
Caprolactam
Concen: 53.14 ng/ml
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleID :
PB97158BS

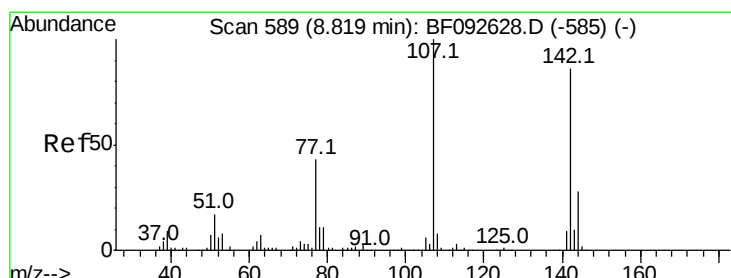
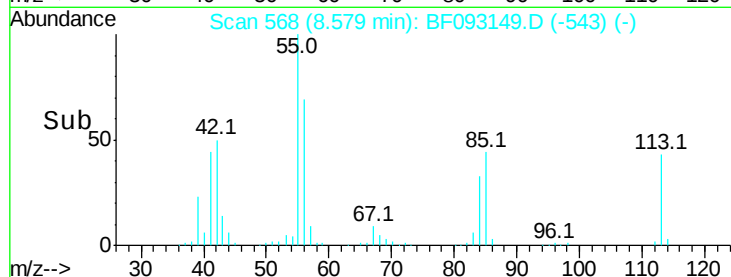
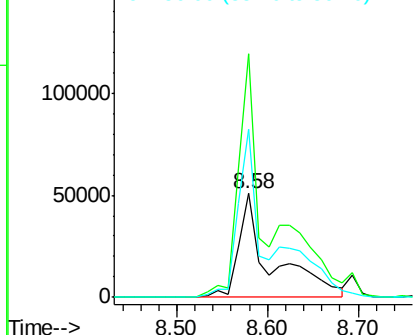
Tot Ion:113 Resp: 126782
Ion Ratio Lower Upper
113 100
55 234.1 119.2 159.2#
56 161.1 83.8 123.8#

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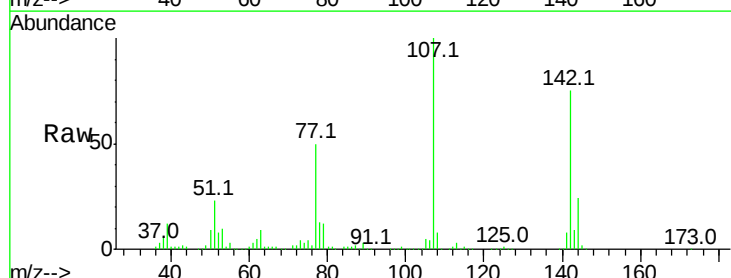


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

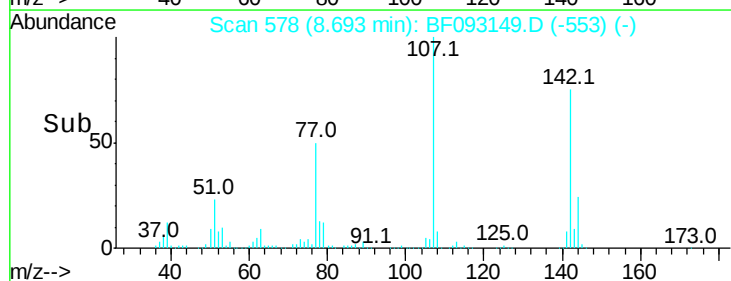
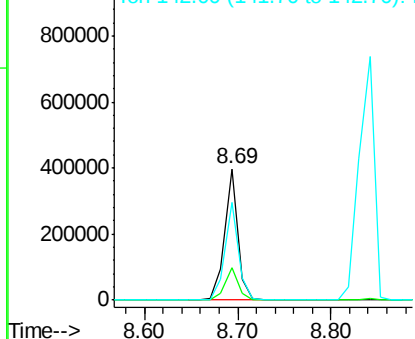


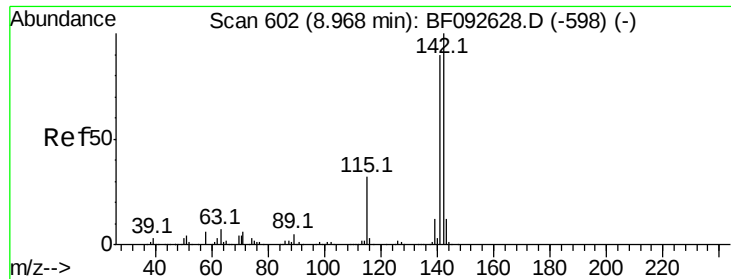
#36
4-Chloro-3-methylphenol
Concen: 49.64 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion:107 Resp: 392520
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 74.5 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 48.56 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

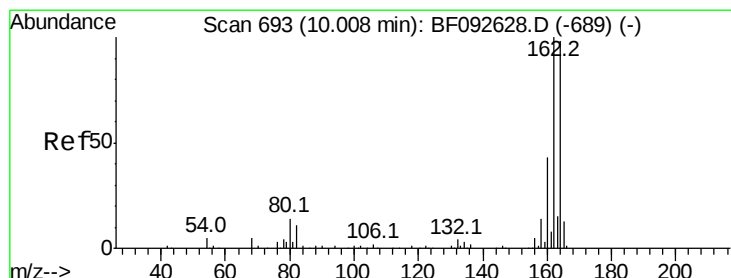
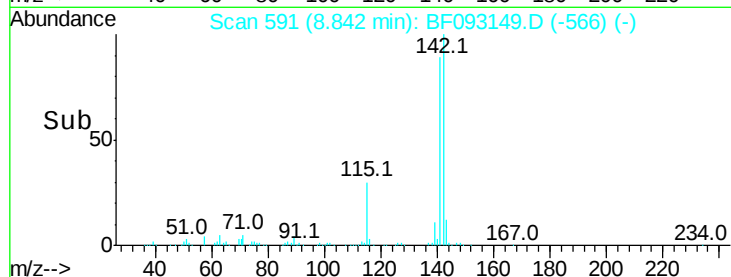
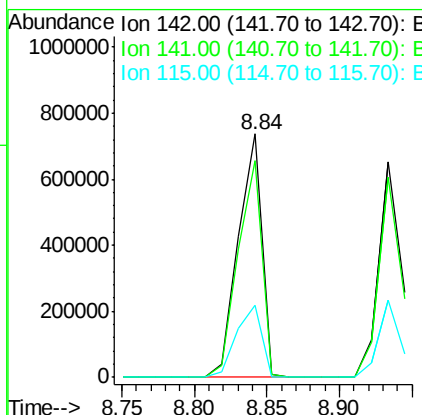
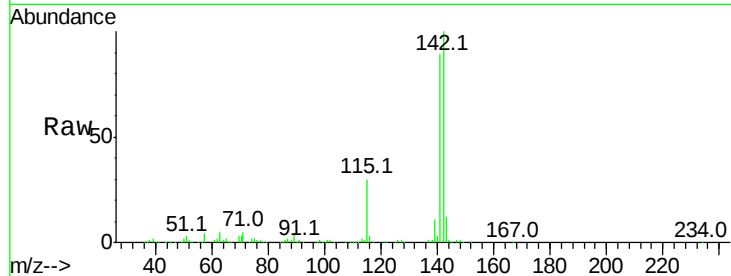
ClientSampleID :

PB97158BS

Tot Ion:	142	Resp:	834967
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.0	106.6
115	29.8	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

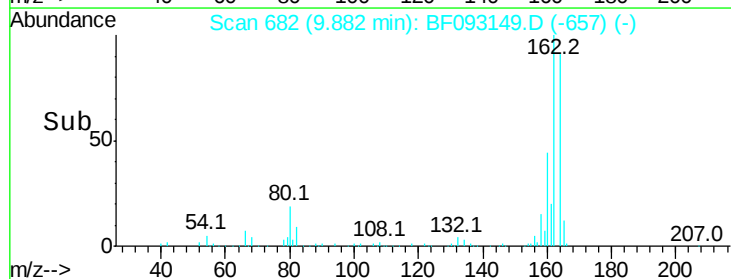
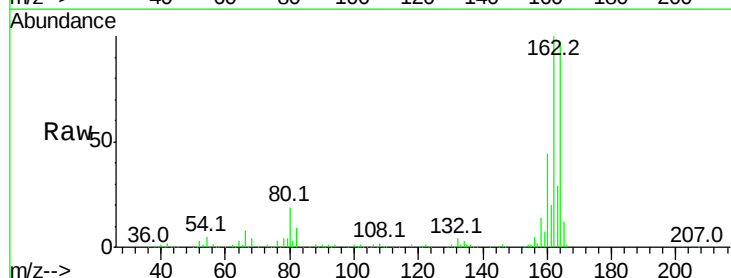
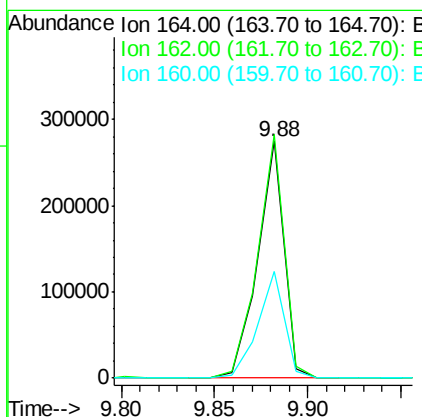
RT: 9.88 min Scan# 682

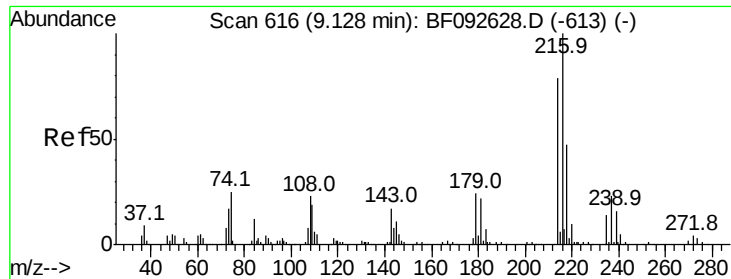
Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	164	Resp:	266408
Ion Ratio	Lower	Upper	
164	100		
162	102.7	80.2	120.2
160	45.0	36.9	55.3





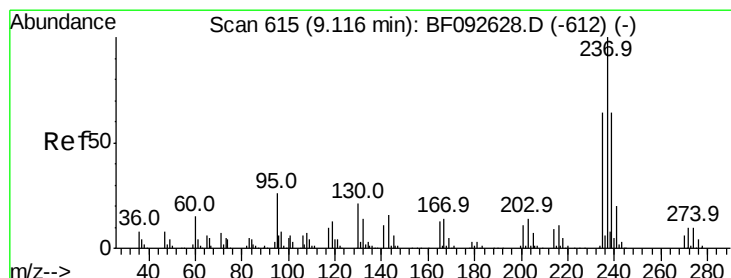
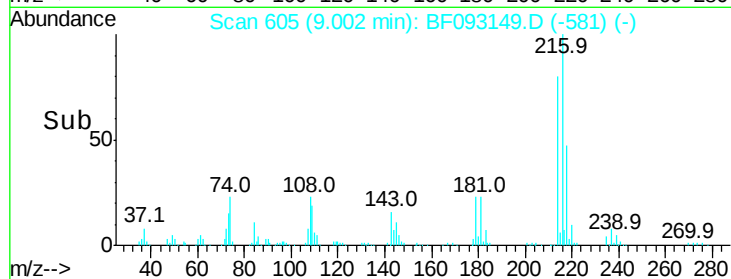
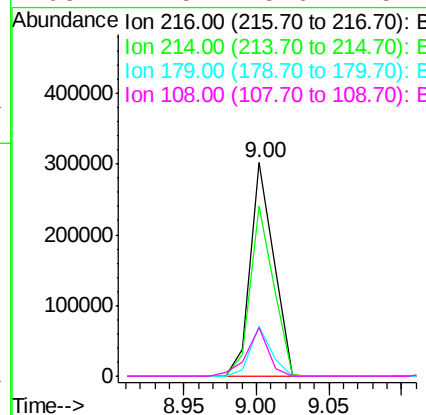
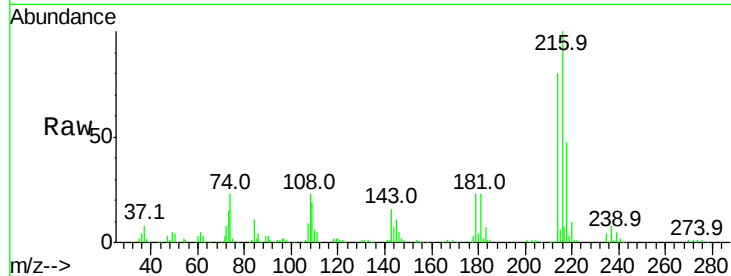
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.24 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	338326		
214	78.9	63.4	95.0	
179	21.0	17.4	26.2	
108	21.5	15.6	23.4	

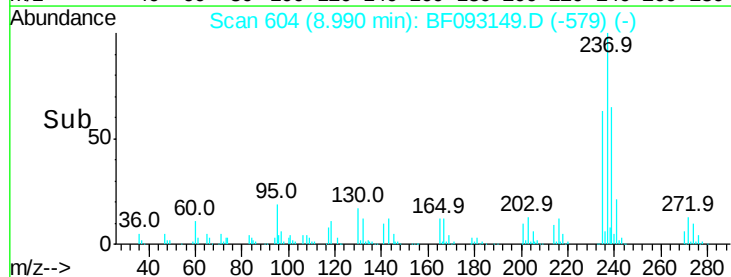
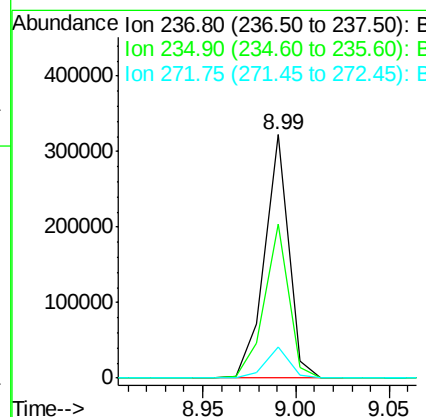
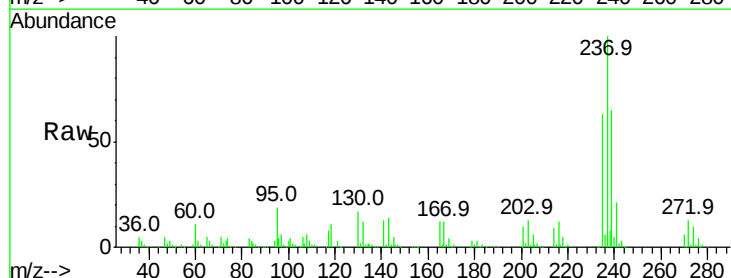
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#40
 Hexachlorocyclopentadiene
 Concen: 85.36 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	287998		
235	63.4	41.2	81.2	
272	12.8	0.0	35.4	





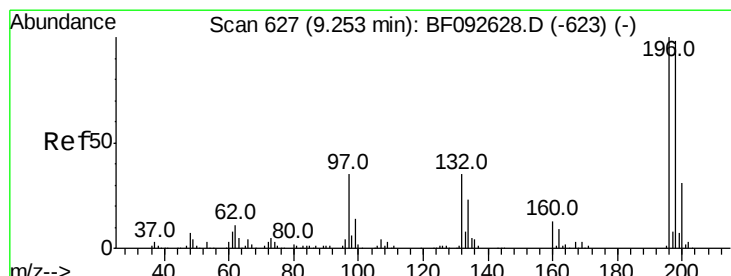
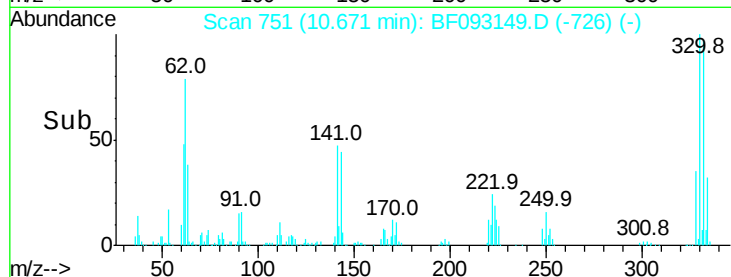
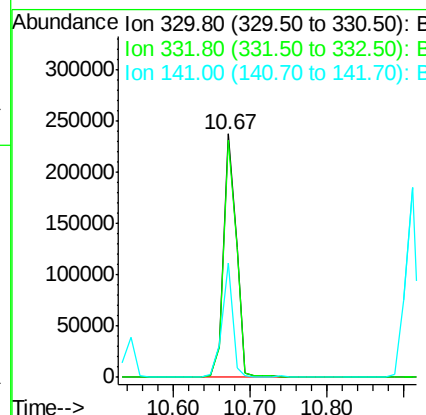
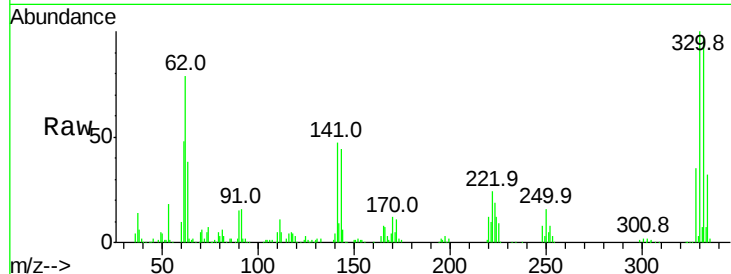
#41
 2,4,6-Tribromophenol
 Concen: 145.67 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	280678		
332	97.5		77.4	116.2
141	38.5		34.1	51.1

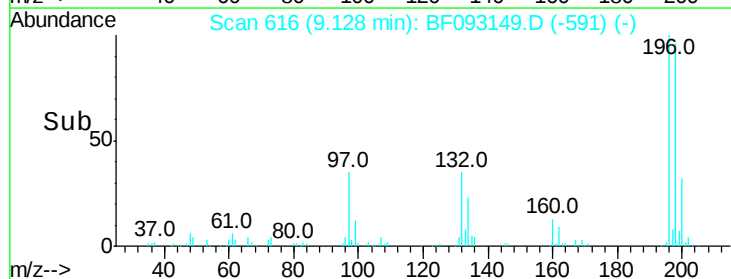
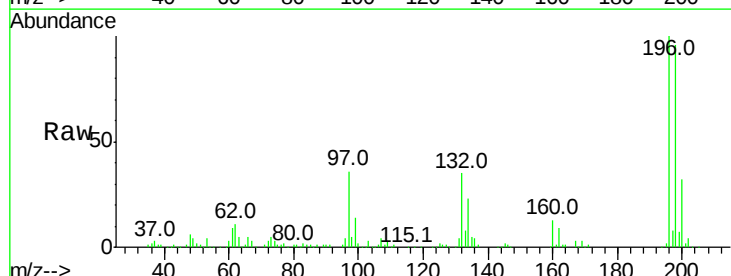
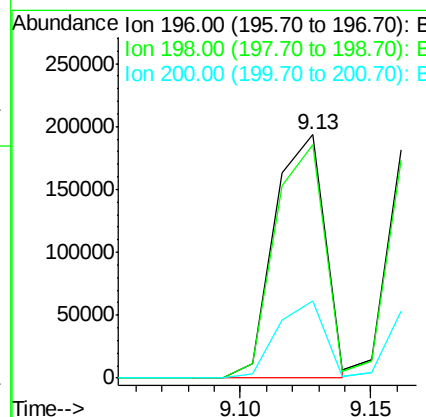
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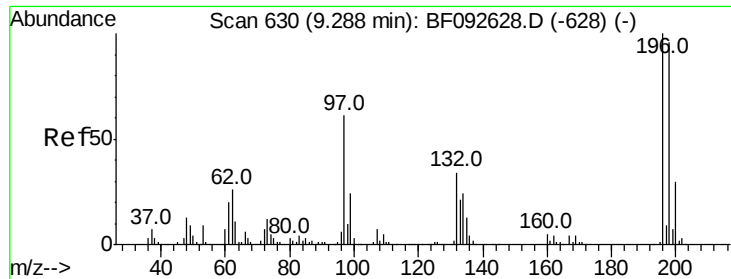
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#42
 2,4,6-Trichlorophenol
 Concen: 52.26 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256821		
198	95.9		82.1	123.1
200	31.8		27.0	40.4





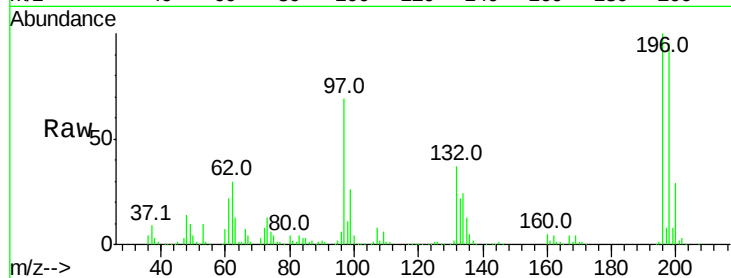
#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

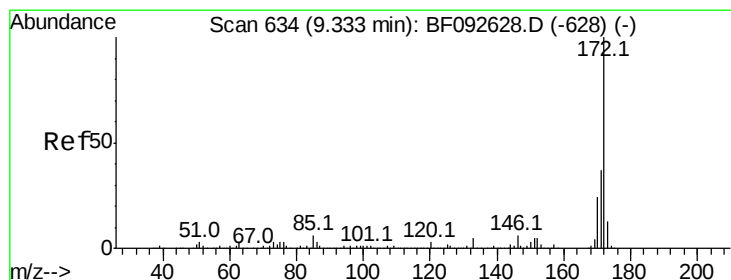
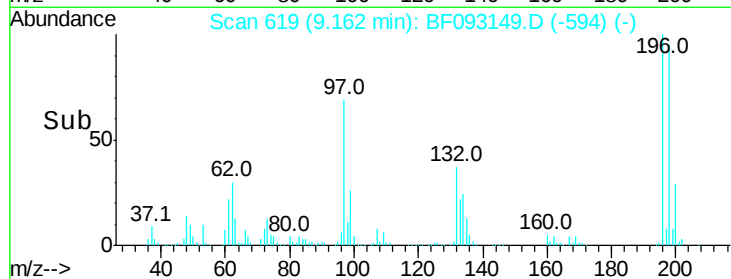
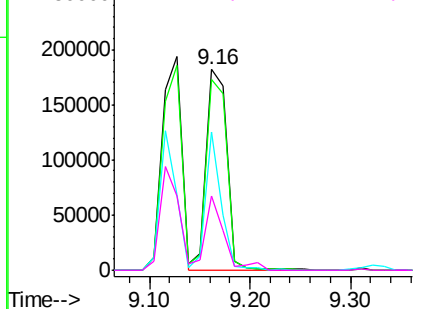
Tot Ion:	196	Resp:	258074
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.4	119.2
97	68.8	51.5	77.3
132	36.8	27.4	41.2

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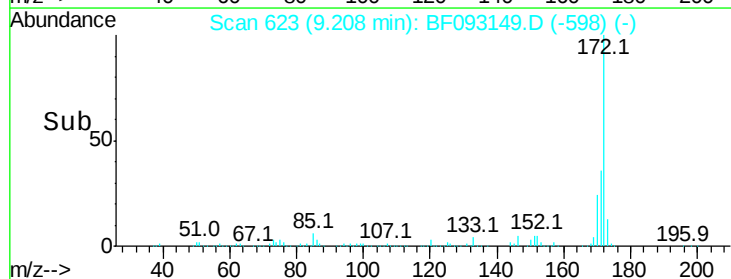
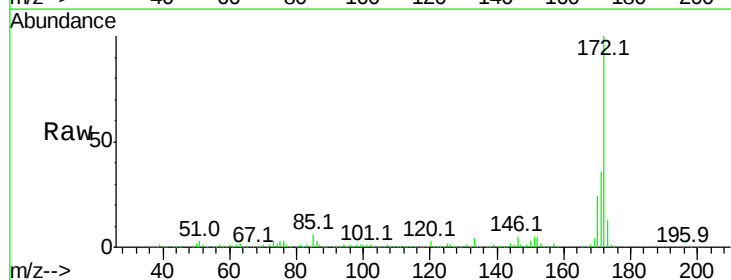
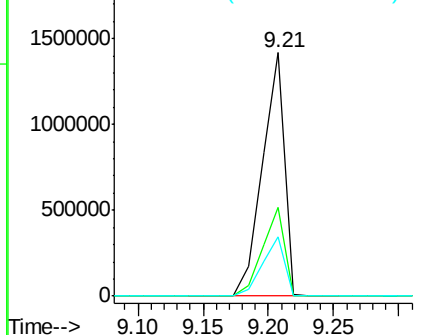
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 114.14 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093149.D
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Tgt Ion:	172	Resp:	1678503
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4

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





#45

1,1'-Biphenyl

Concen: 47.28 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

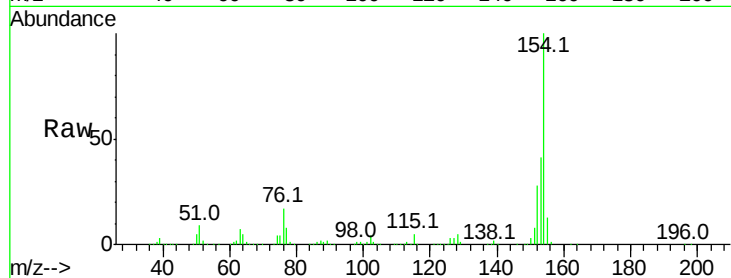
ClientSampleId :

PB97158BS

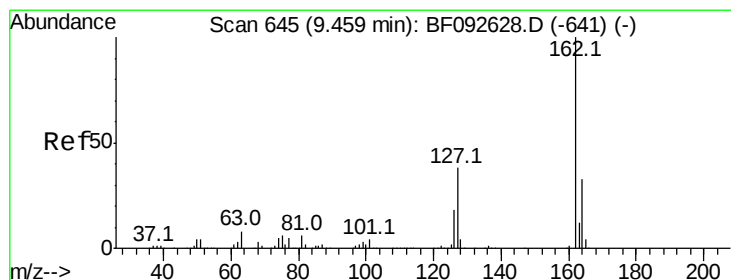
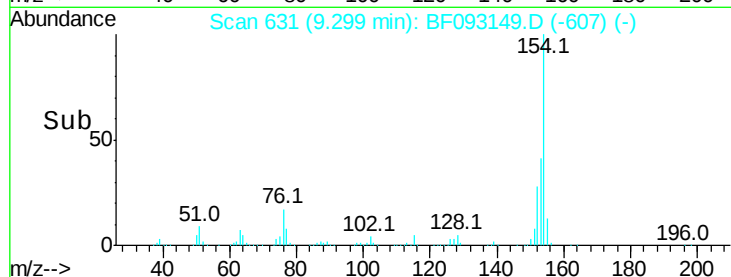
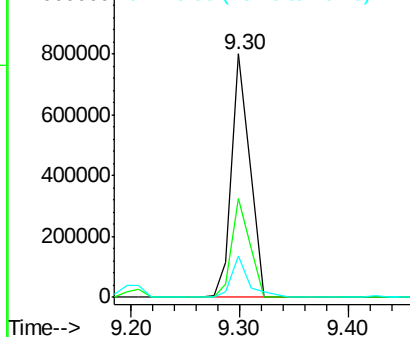
Tot Ion:	154	Resp:	912063
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.9	60.9
76	17.1	0.0	30.5

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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: 51.34 ng

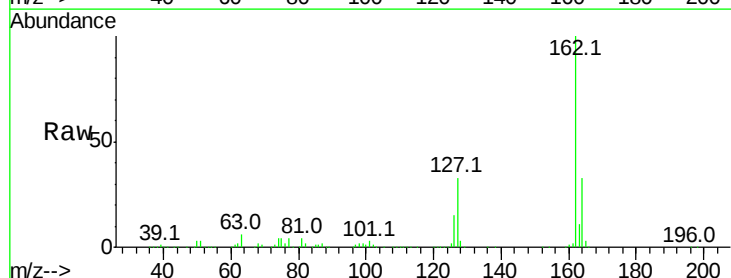
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

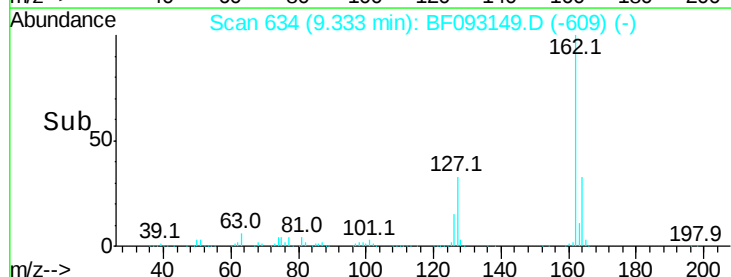
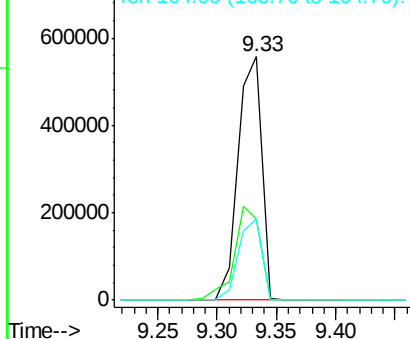
Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	162	Resp:	774783
Ion Ratio	Lower	Upper	
162	100		
127	33.4	30.7	46.1
164	33.4	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





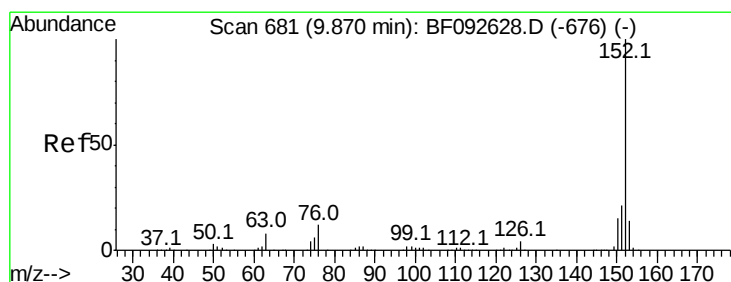
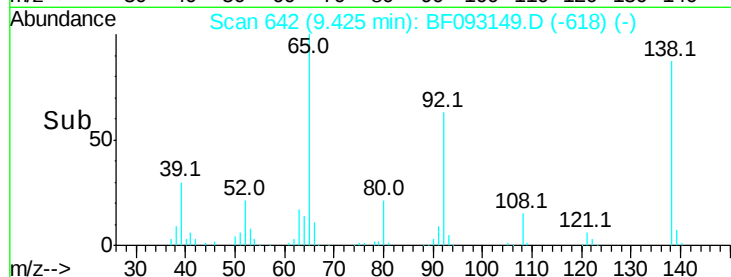
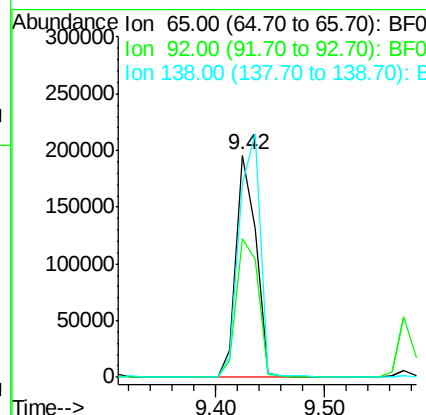
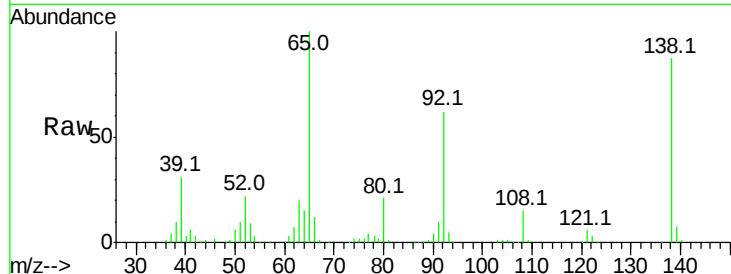
#47
2-Nitroaniline
Concen: 48.51 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.9	80.9
138	87.0	76.8	115.2

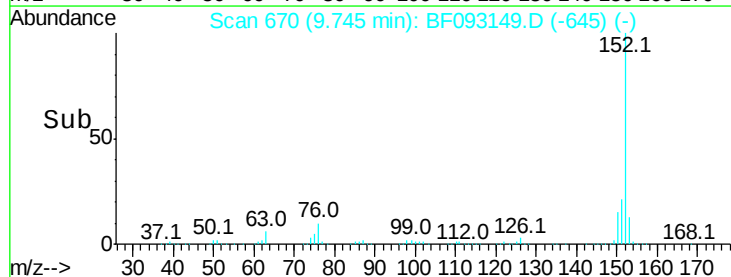
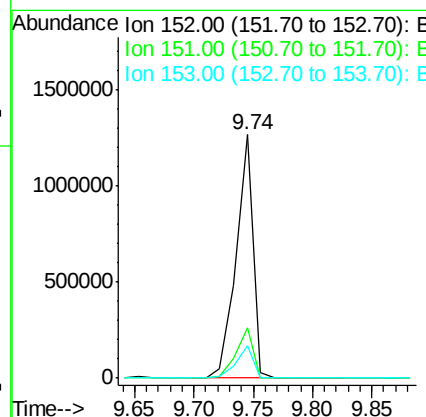
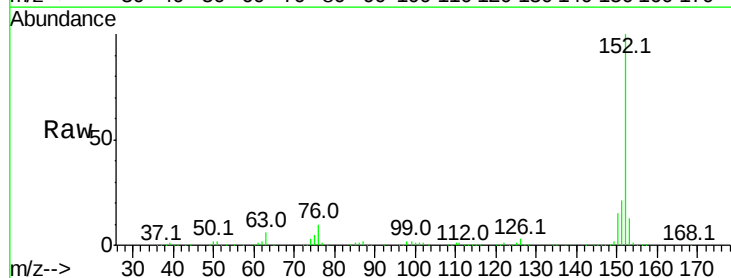
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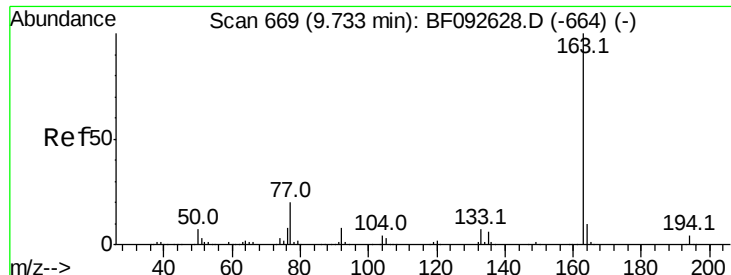
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#48
Acenaphthylene
Concen: 48.14 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.3	11.4	17.2





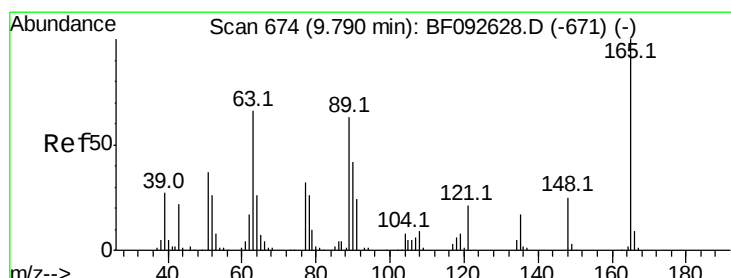
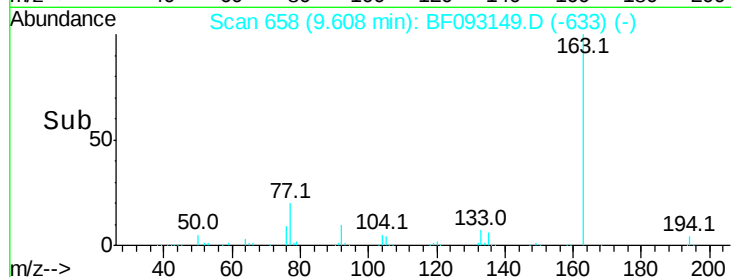
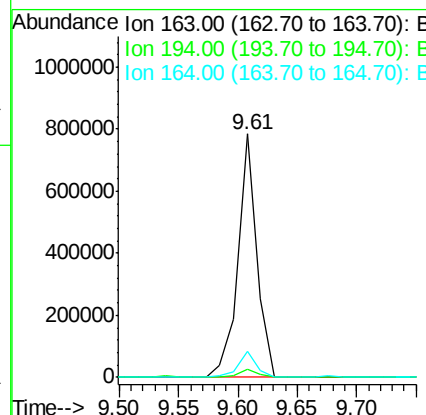
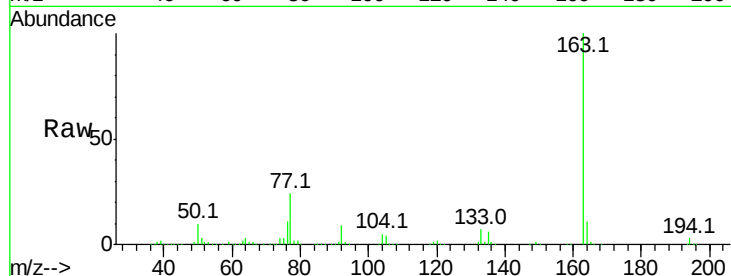
#49
Dimethylphthalate
Concen: 48.29 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	866557		
194	3.3		3.0	4.4
164	10.6		8.0	12.0

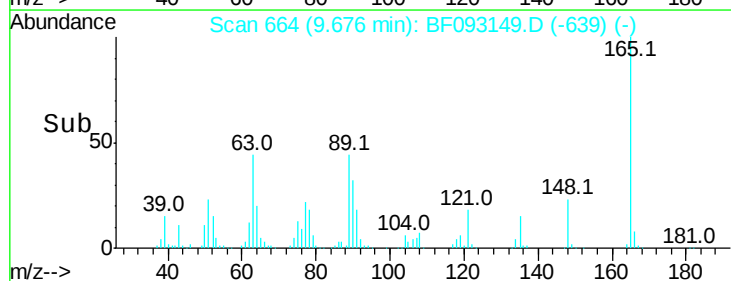
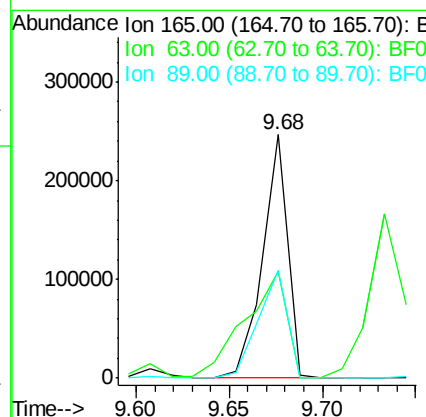
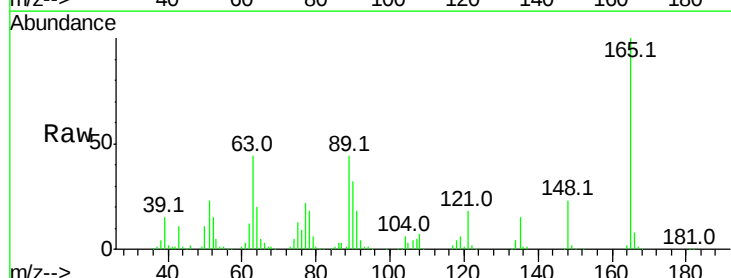
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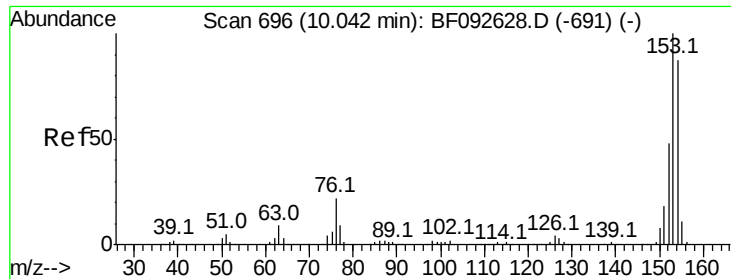
mohammad
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#50
2,6-Dinitrotoluene
Concen: 58.56 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226941		
63	44.0		36.2	54.4
89	44.5		40.2	60.4





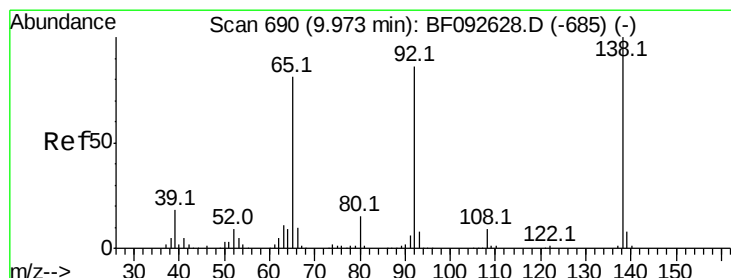
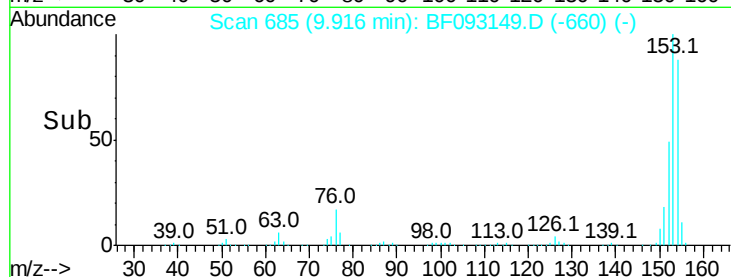
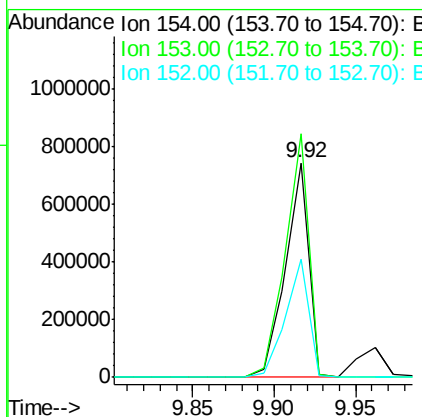
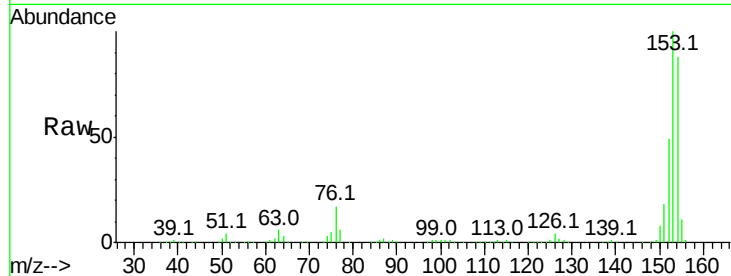
#51
Acenaphthene
Concen: 47.77 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97158BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	55.3	41.6	62.4

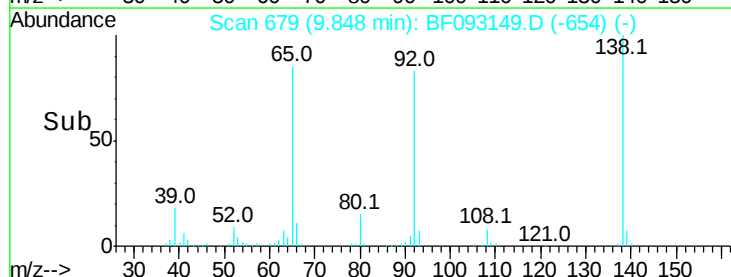
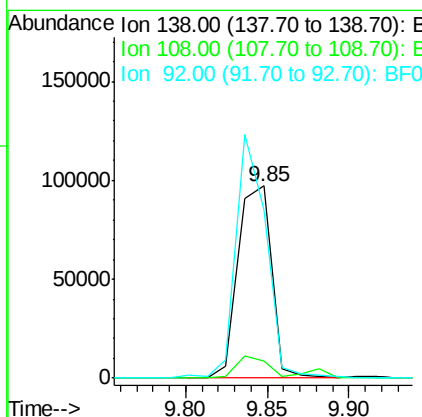
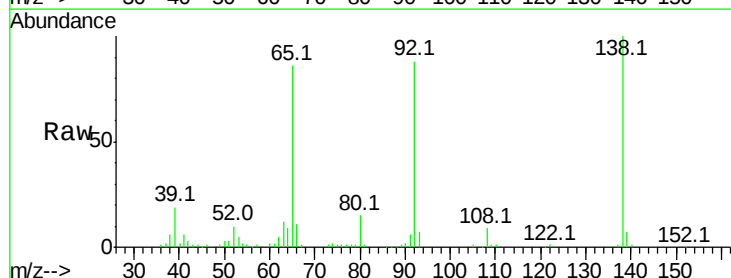
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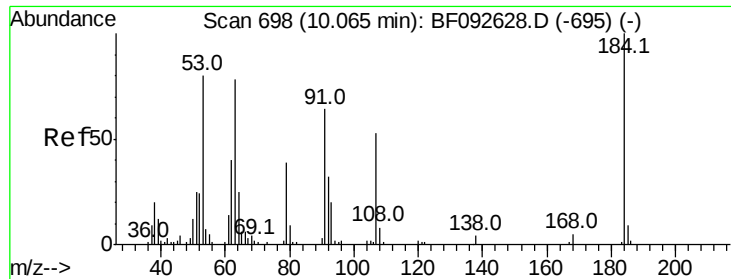
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#52
3-Nitroaniline
Concen: 31.12 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.5	12.7
92	87.5	97.8	146.8#





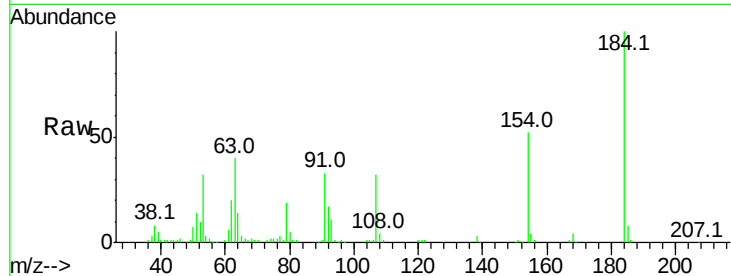
#53
2,4-Dinitrophenol
Concen: 112.35 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

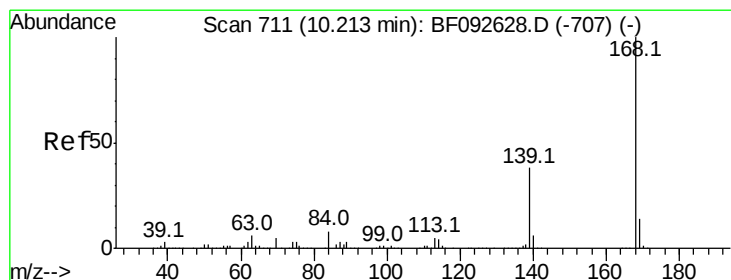
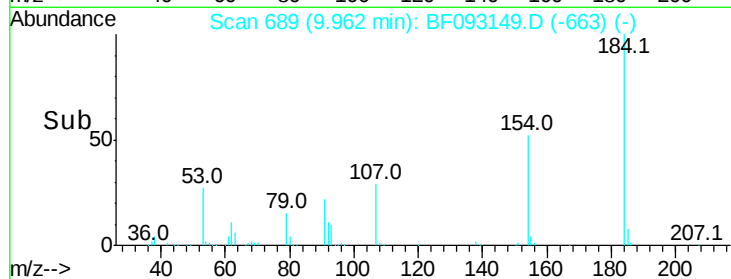
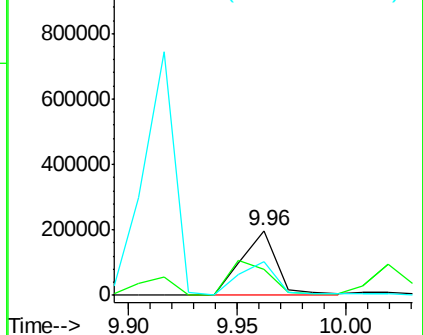
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	40.3	28.4	42.6	
154	52.0	44.3	66.5	

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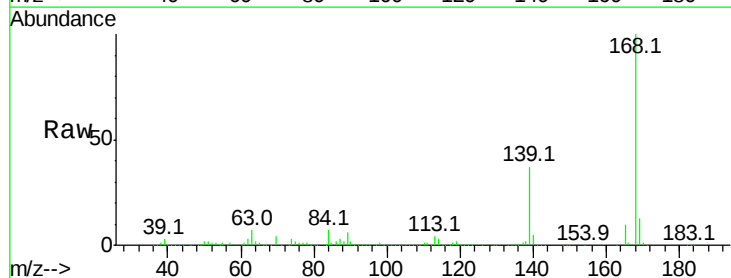


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

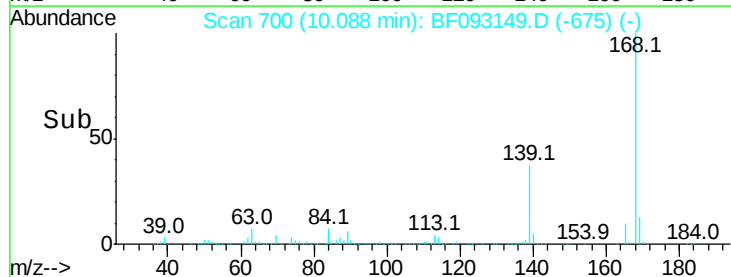
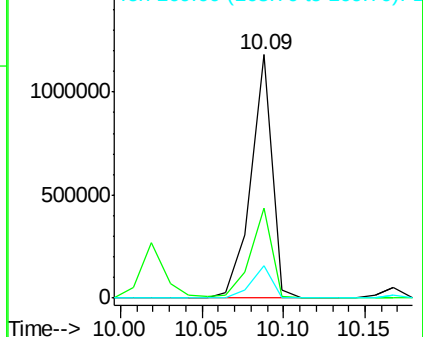


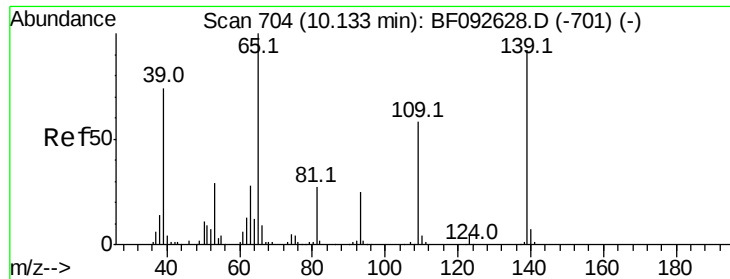
#54
Dibenzofuran
Concen: 51.00 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	32.6	49.0	
169	13.3	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





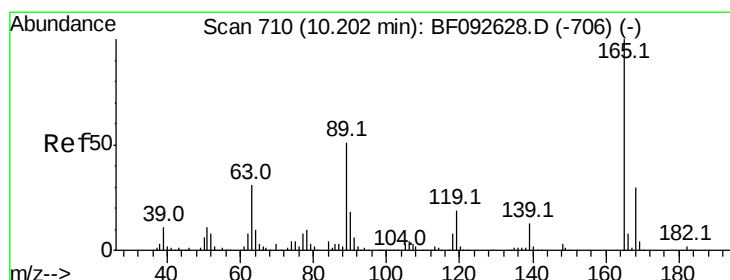
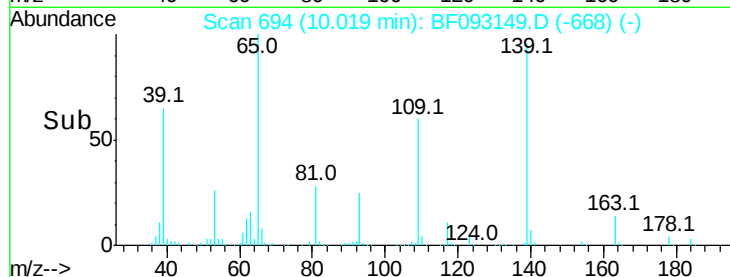
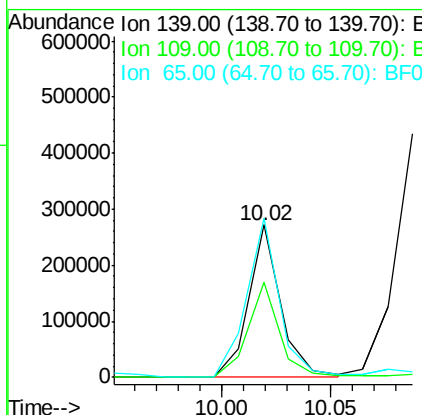
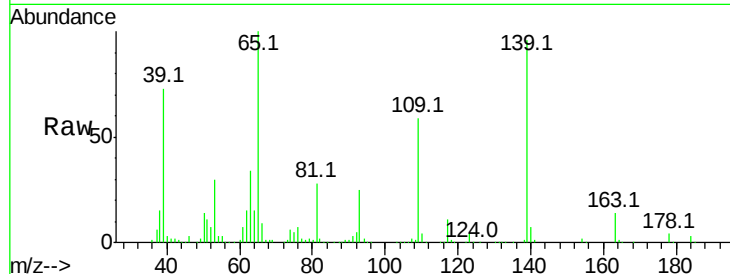
#55
4-Nitrophenol
Concen: 87.48 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97158BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.2	52.2	92.2
65	104.6	85.8	125.8

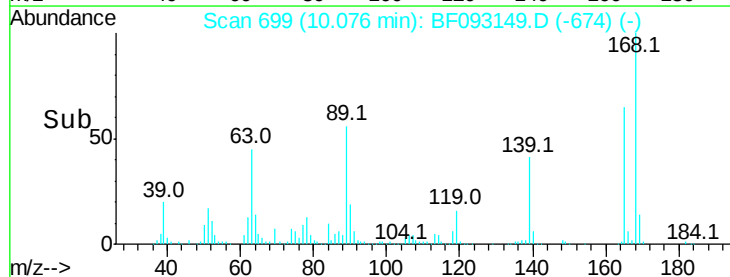
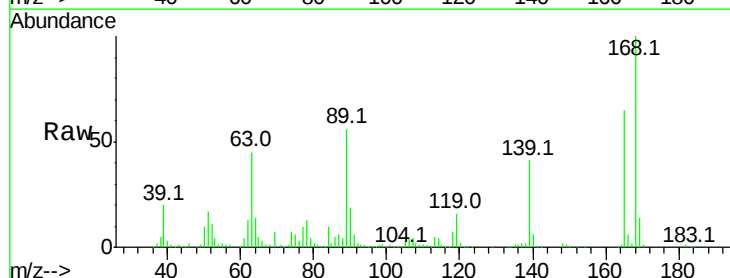
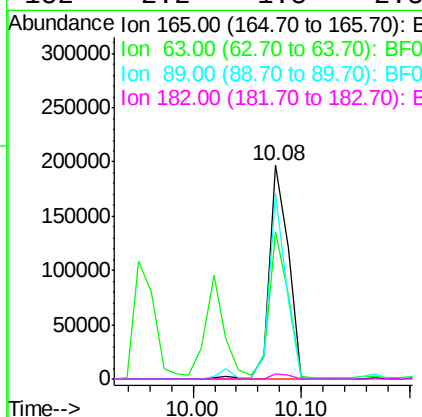
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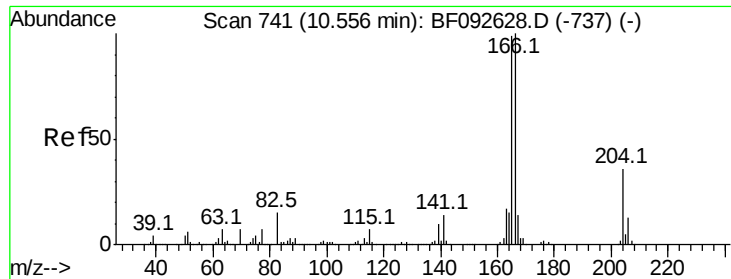
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#56
2,4-Dinitrotoluene
Concen: 46.21 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.0	40.2	60.4#
89	86.9	62.5	93.7
182	2.2	1.8	2.8





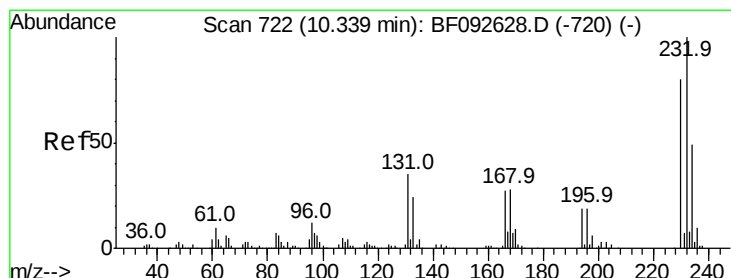
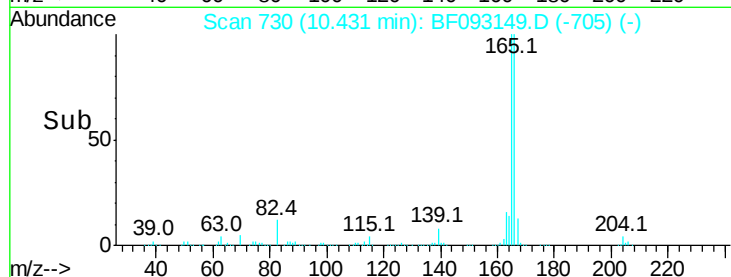
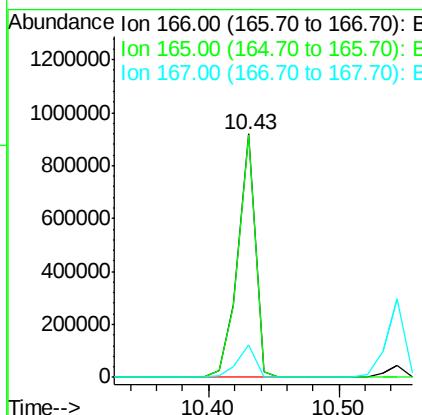
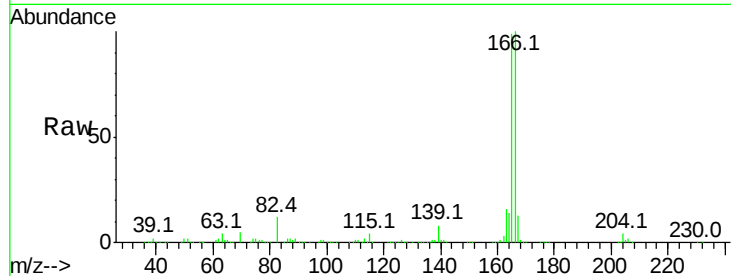
#57
 Fluorene
 Concen: 53.06 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	850940		
165	99.5	77.8	116.8	
167	13.4	10.8	16.2	

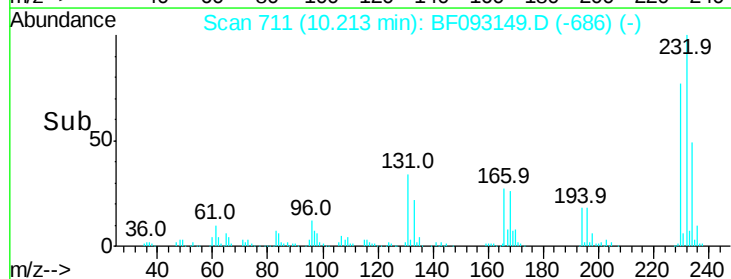
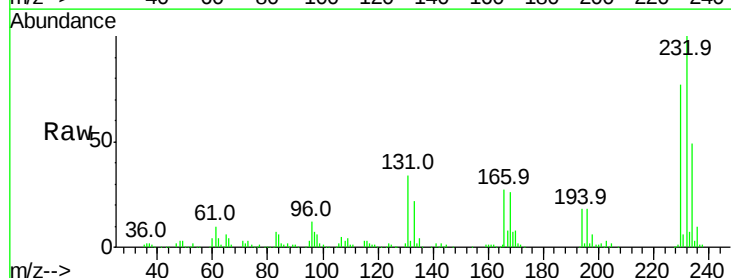
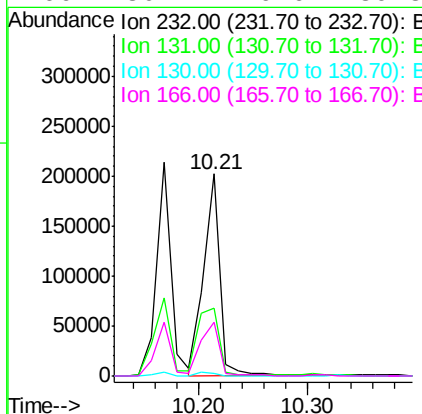
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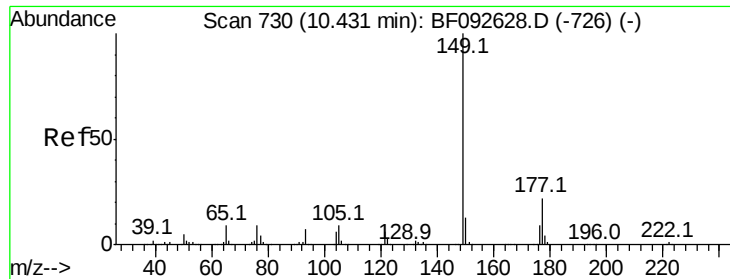
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.99 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211859		
131	45.0	40.1	60.1	
130	2.1	1.8	2.8	
166	30.4	26.6	39.8	





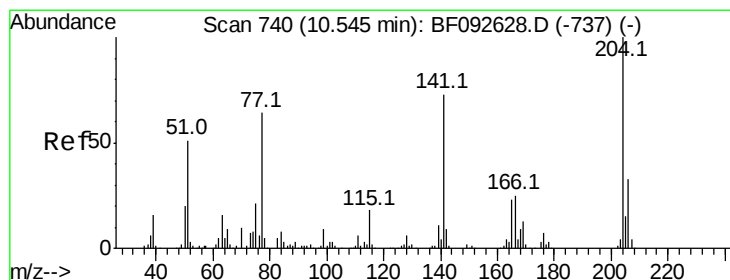
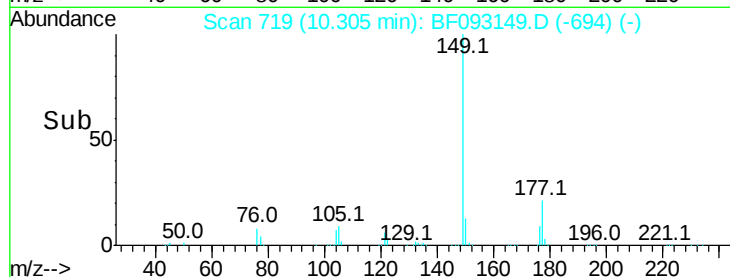
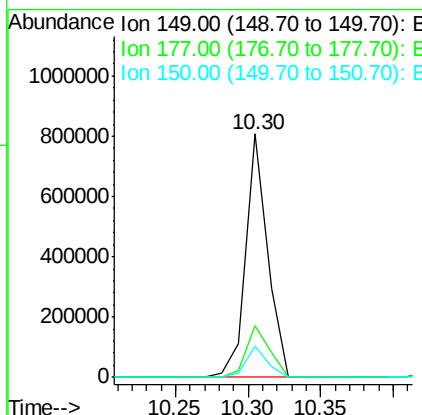
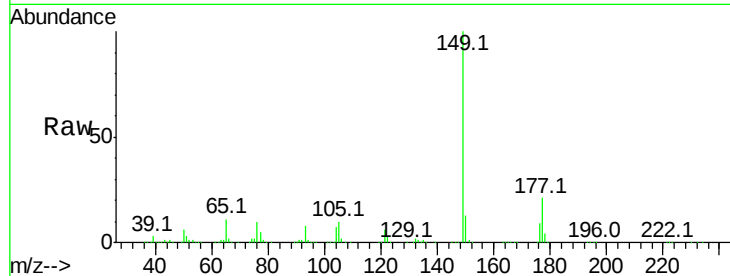
#59
Diethylphthalate
Concen: 49.72 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97158BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	13.0	10.4	15.6

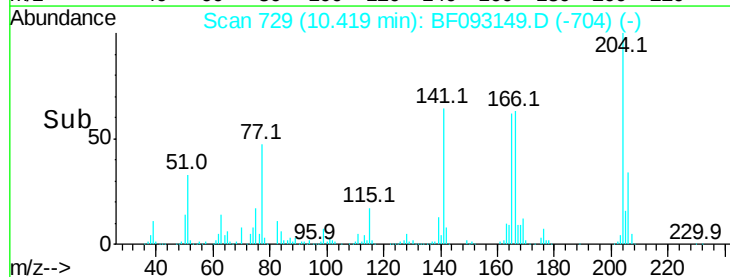
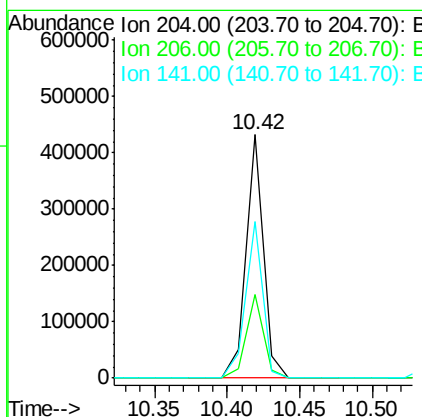
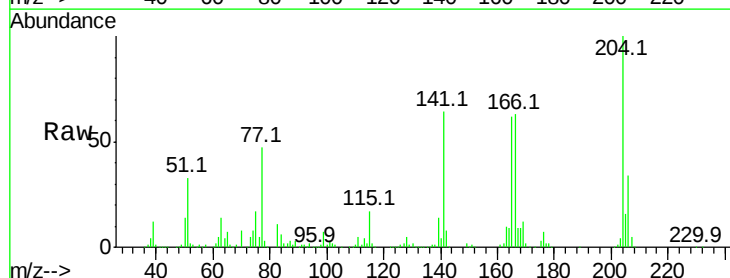
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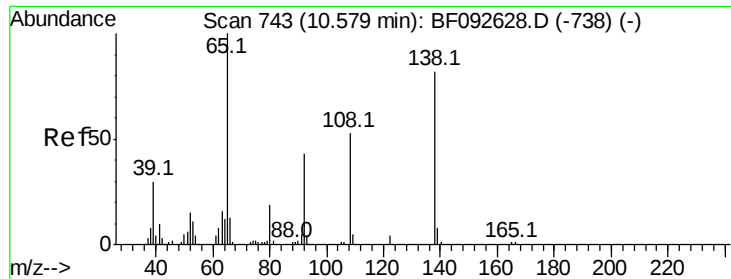
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 46.64 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.8	38.6
141	64.1	59.4	89.0





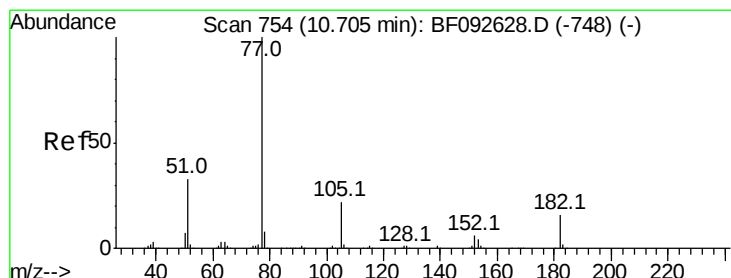
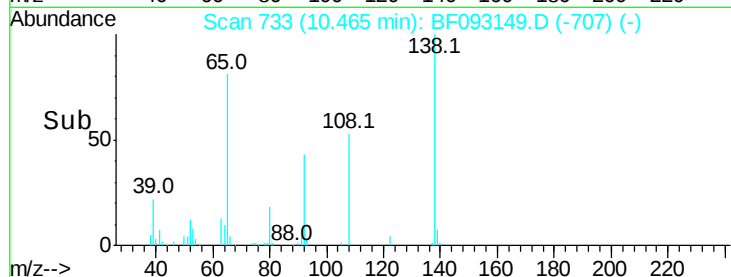
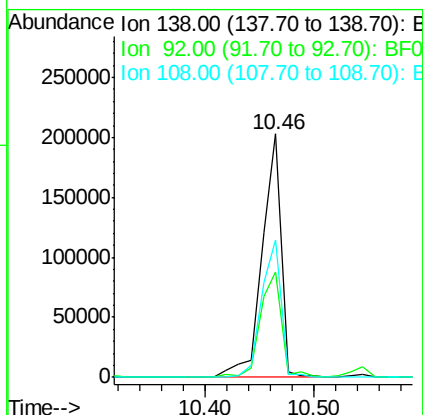
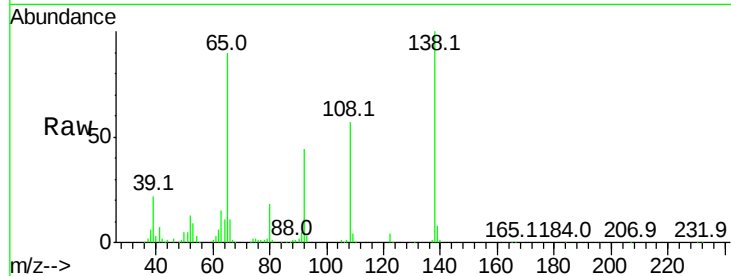
#61
4-Nitroaniline
Concen: 54.85 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampled :
PB97158BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	31.7	71.7
108	56.6	52.6	92.6

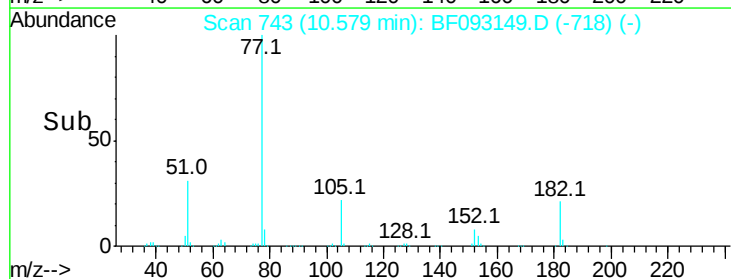
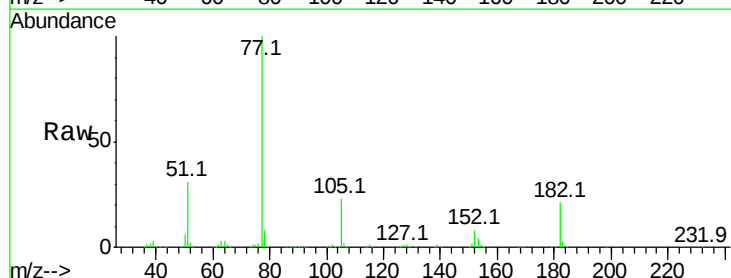
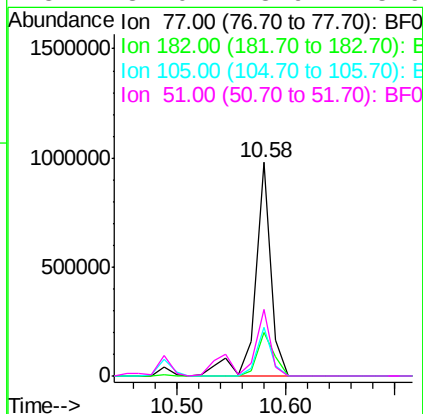
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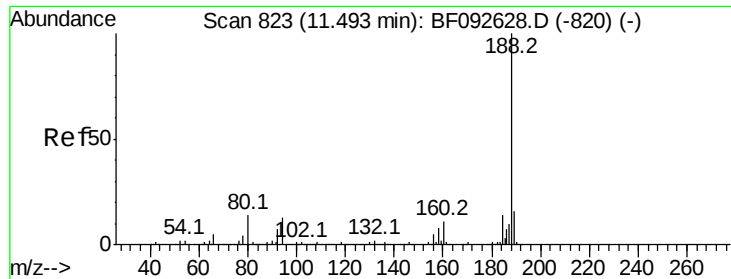
mohammad
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#62
Azobenzene
Concen: 56.78 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	39.3
105	22.7	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: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97158BS

Tot Ion:188 Resp: 477359

Ion Ratio Lower Upper

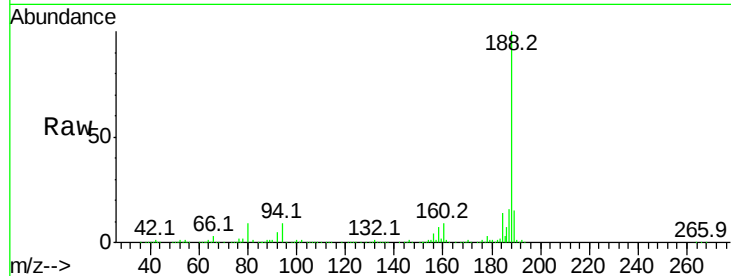
188 100

94 8.6 10.0 15.0#

80 8.6 11.2 16.8#

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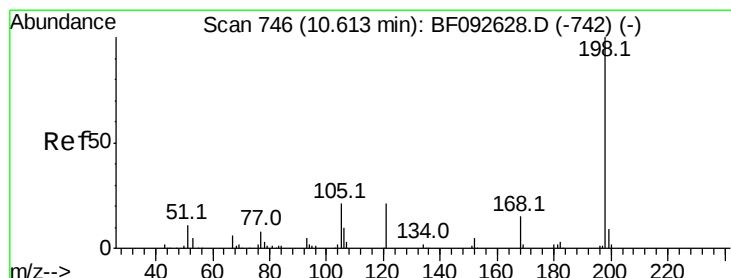
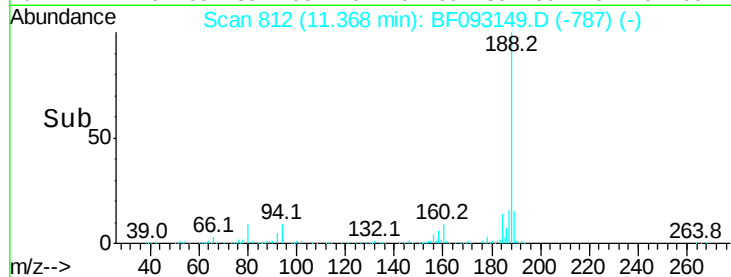
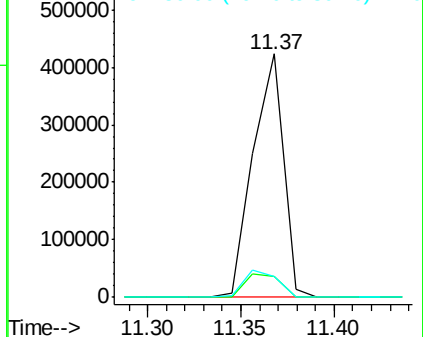
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.00 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

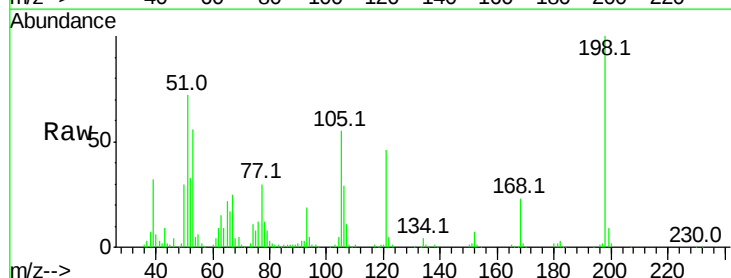
Tgt Ion:198 Resp: 148707

Ion Ratio Lower Upper

198 100

51 72.1 6.7 46.7#

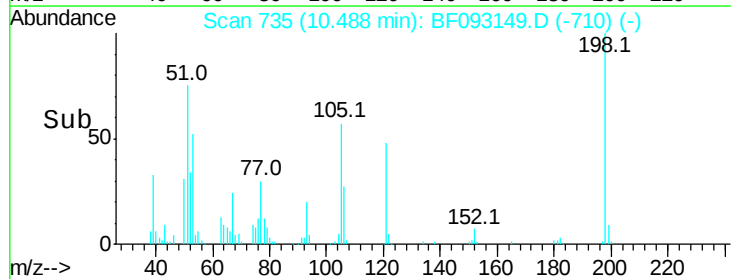
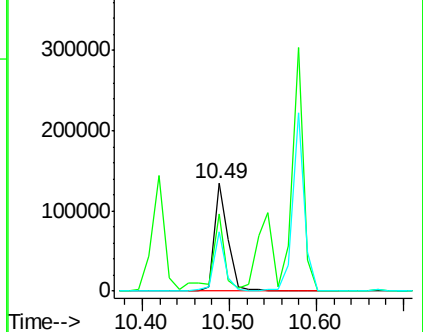
105 55.0 16.6 56.6

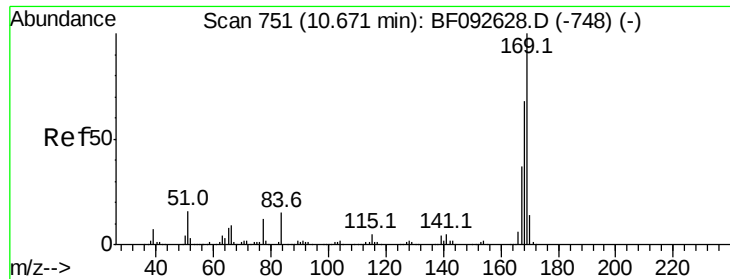


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.83 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

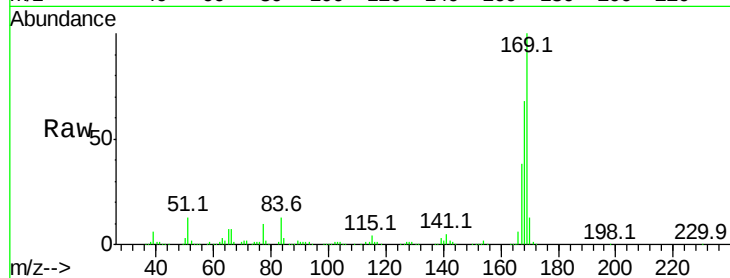
ClientSampleID :

PB97158BS

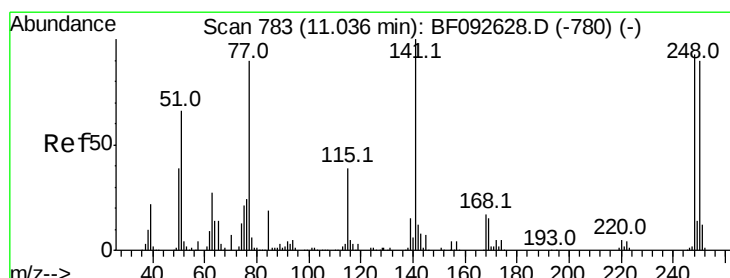
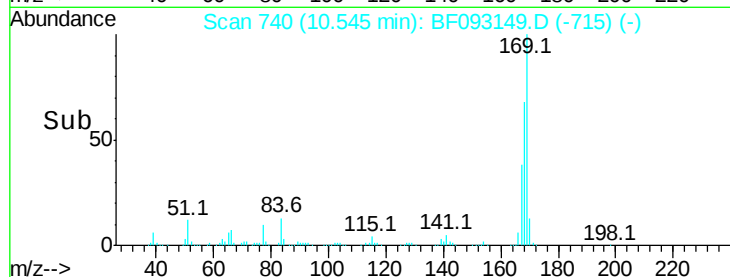
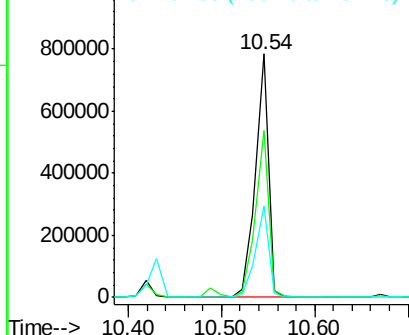
Tot Ion:	169	Resp:	759916
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	37.7	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.27 ng

RT: 10.91 min Scan# 772

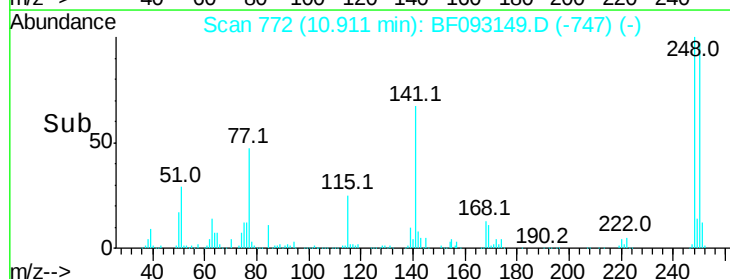
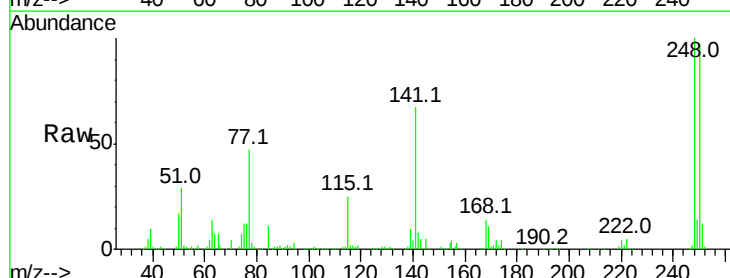
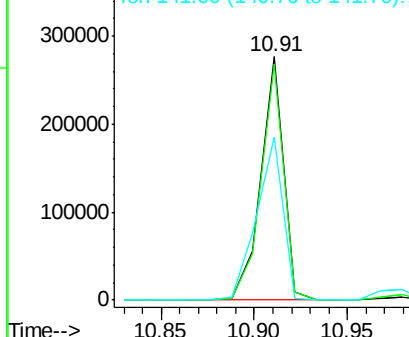
Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion:	248	Resp:	235747
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.9	115.3
141	67.0	68.2	102.4#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





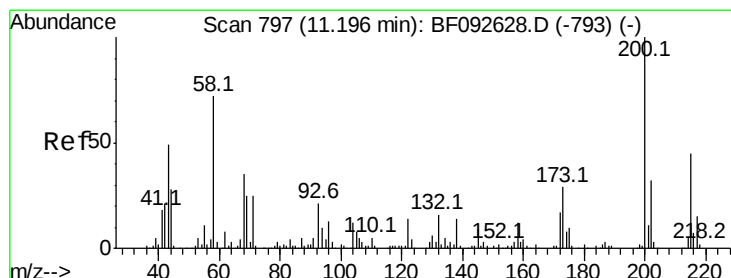
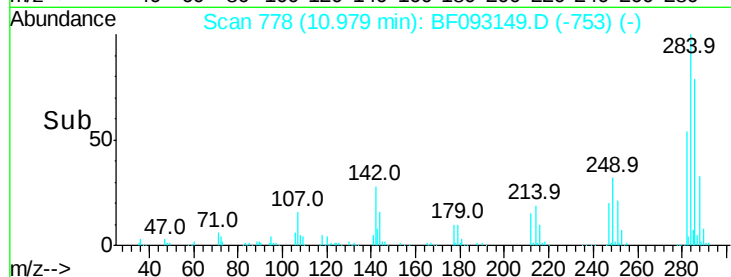
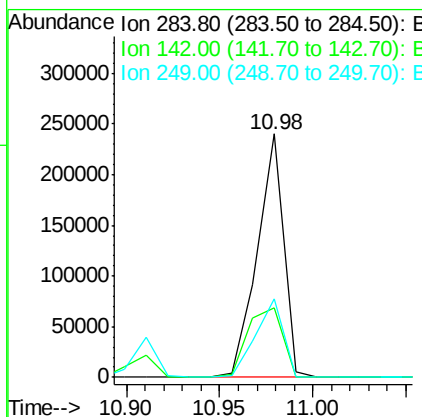
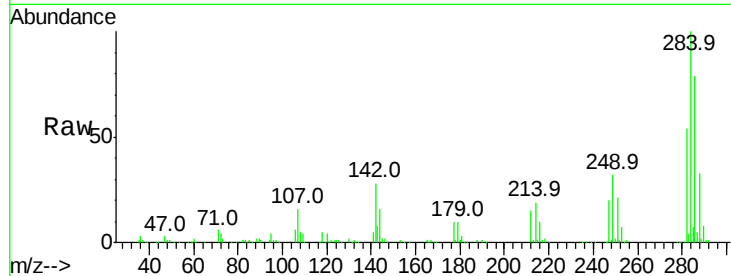
#67
Hexachlorobenzene
Concen: 47.35 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.4	22.6	33.8	
249	32.4	25.4	38.0	

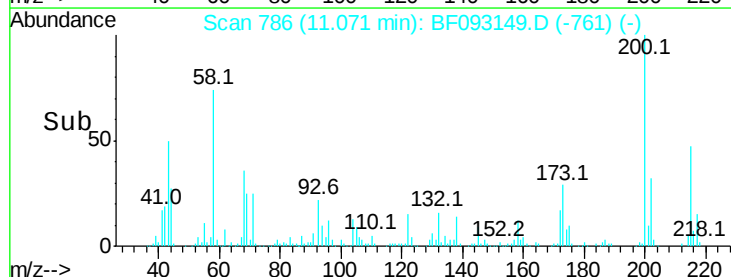
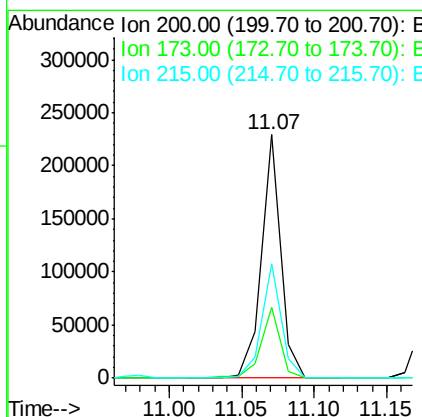
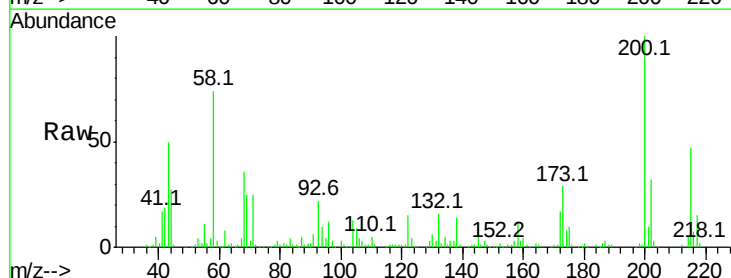
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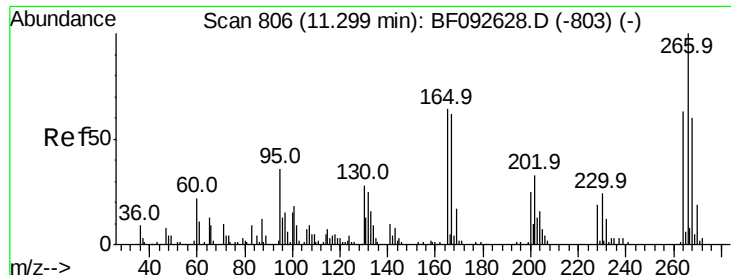
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#68
Atrazine
Concen: 43.40 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.3	9.6	49.6	
215	47.1	25.7	65.7	





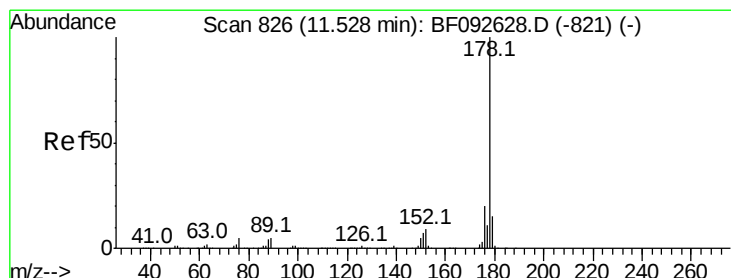
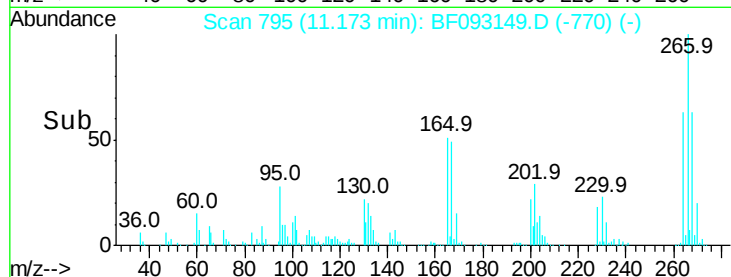
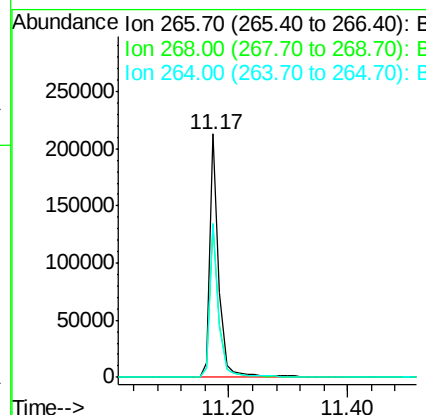
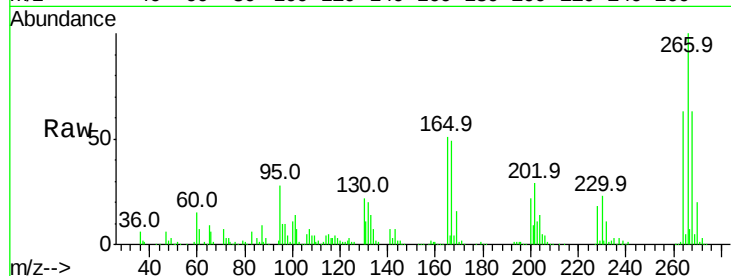
#69
 Pentachlorophenol
 Concen: 89.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231216		
268	62.9	53.3	79.9	
264	63.3	50.3	75.5	

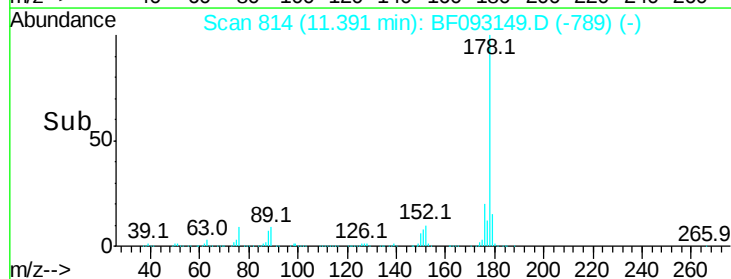
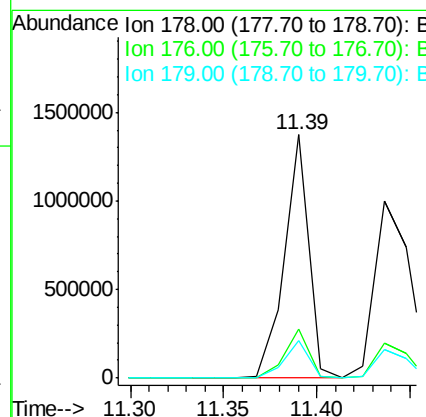
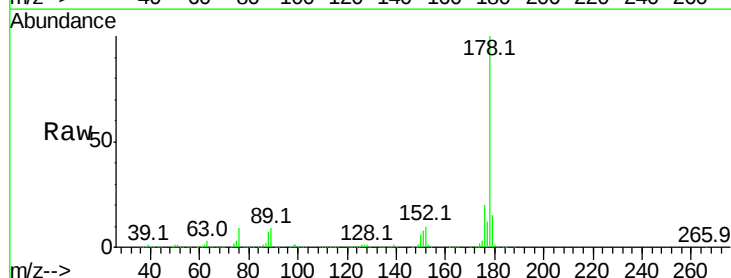
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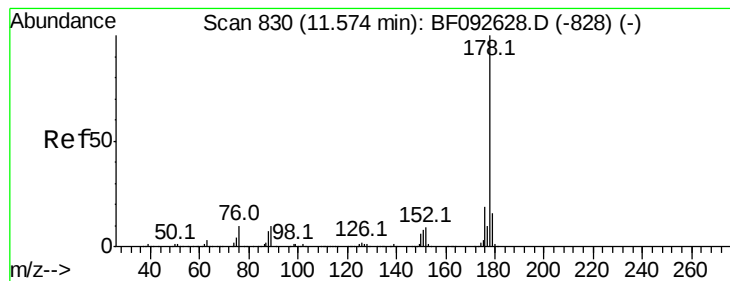
mohammad
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#70
 Phenanthrene
 Concen: 45.85 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1253947		
176	20.0	16.6	25.0	
179	15.5	12.8	19.2	





#71

Anthracene

Concen: 45.50 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97158BS

Tot Ion:178 Resp: 1249564

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

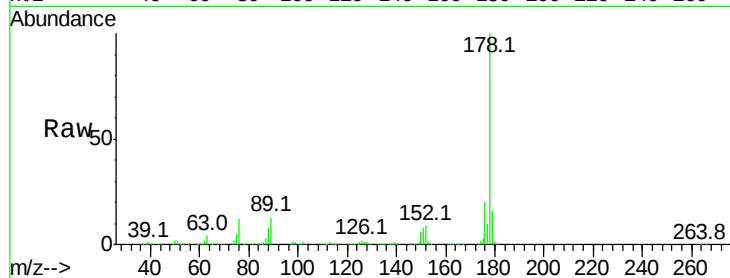
179 16.1 13.2 19.8

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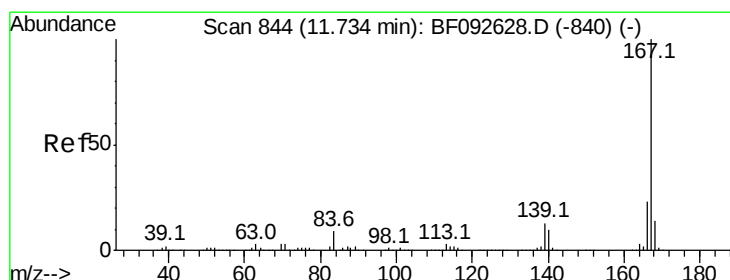
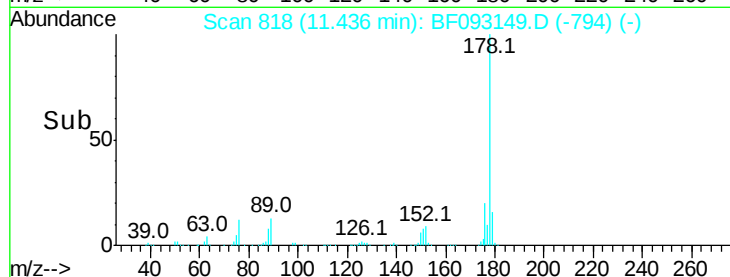
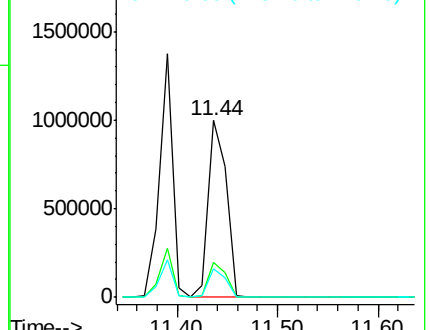
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.97 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

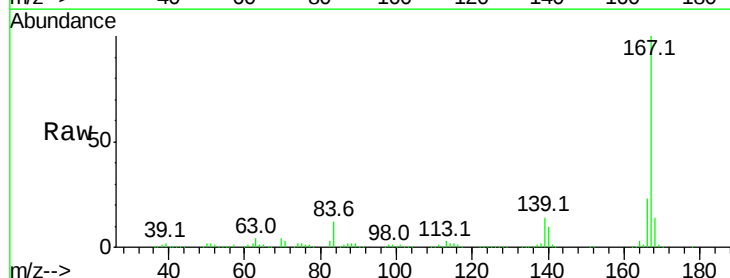
Tgt Ion:167 Resp: 1049457

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

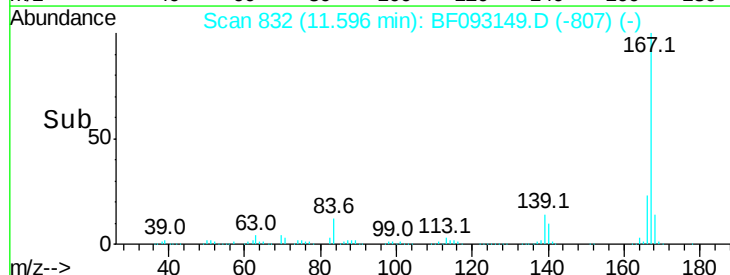
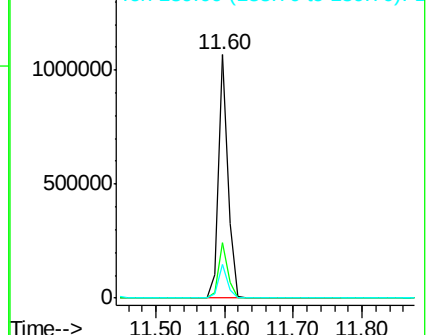
139 13.7 11.4 17.2

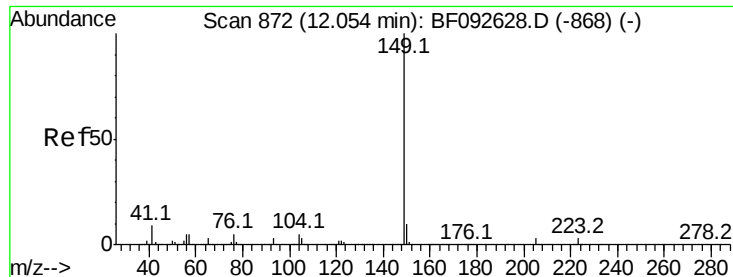


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.72 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

ClientSampleId :

PB97158BS

Tot Ion:149 Resp: 1440197

Ion Ratio Lower Upper

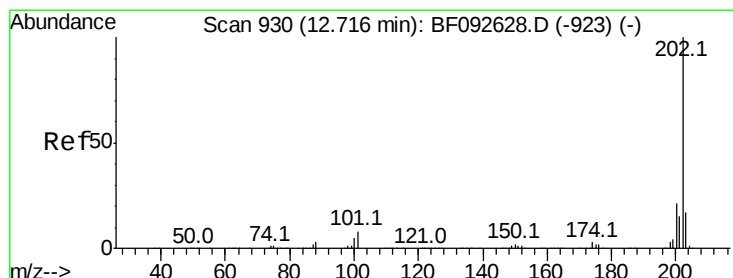
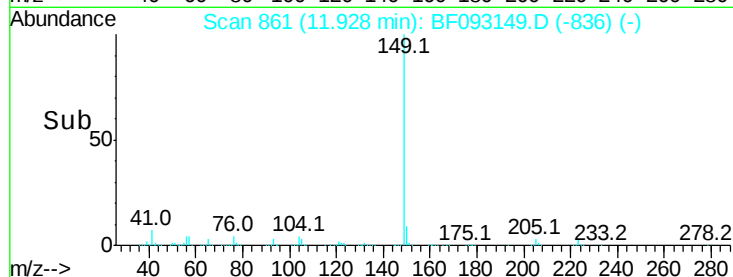
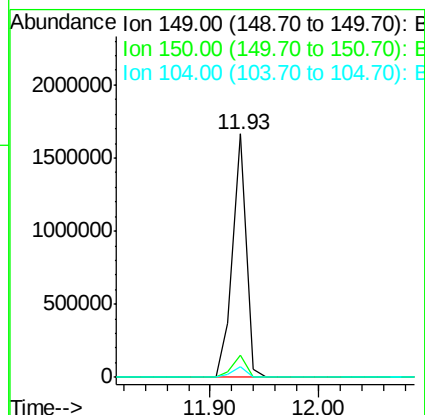
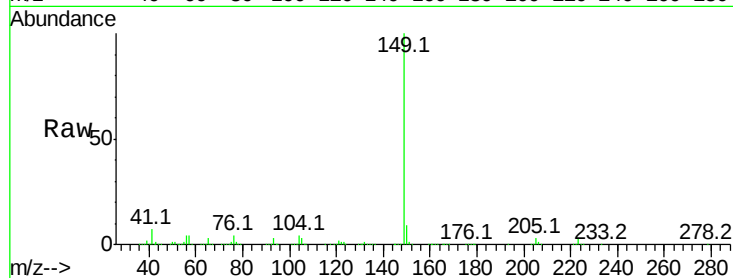
149 100

150 9.3 8.1 12.1

104 4.3 4.6 7.0#

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#74

Fluoranthene

Concen: 46.43 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

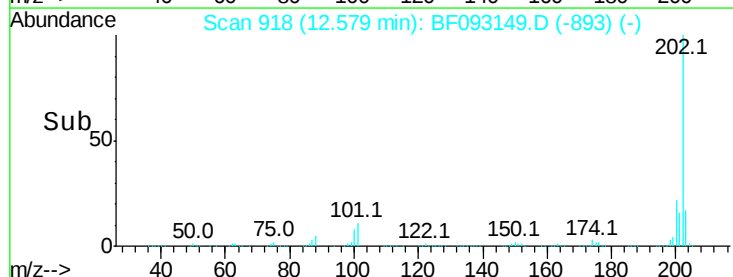
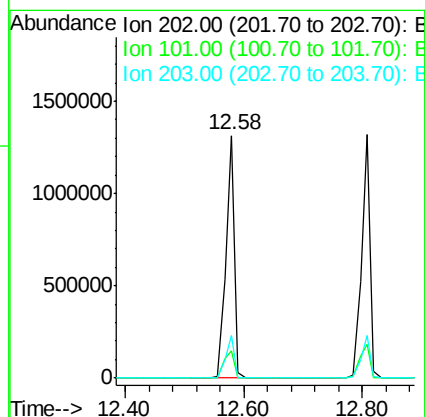
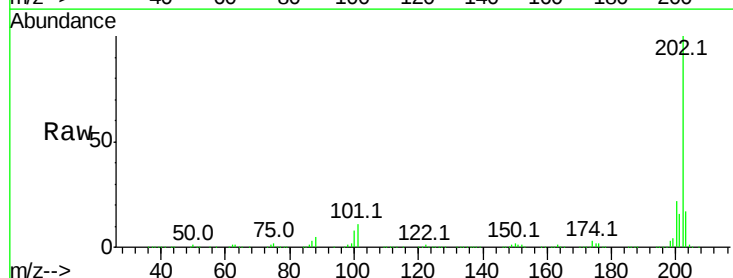
Tgt Ion:202 Resp: 1309843

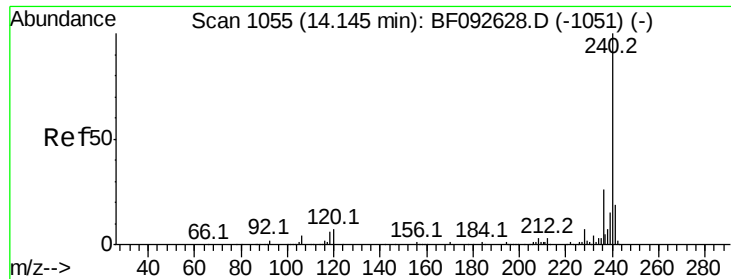
Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Instrument :

BNA_F

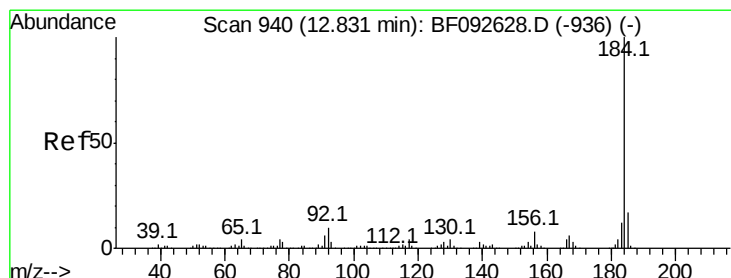
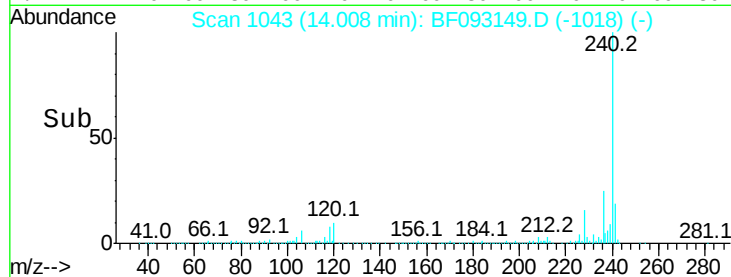
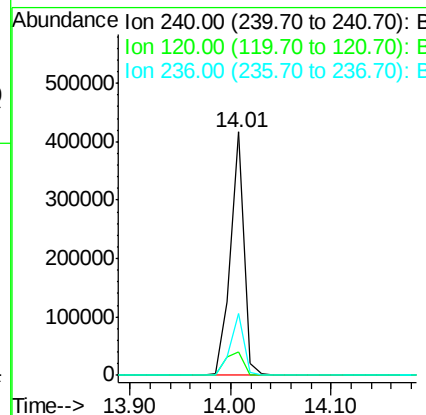
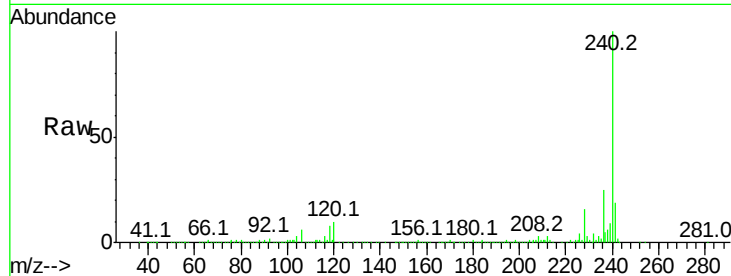
ClientSampled :

PB97158BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	25.2	20.9	31.3

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#76

Benzidine

Concen: 30.36 ng

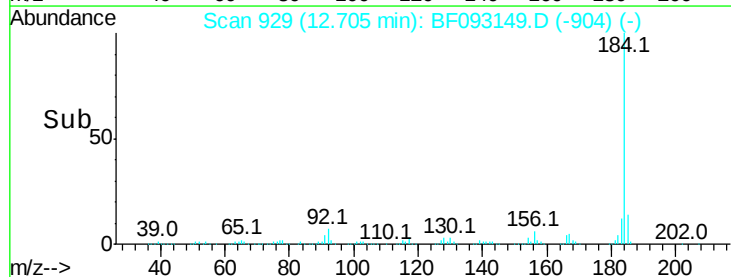
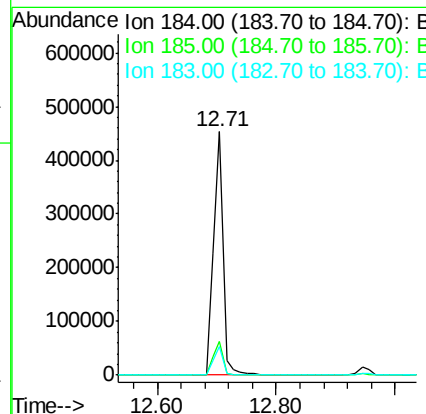
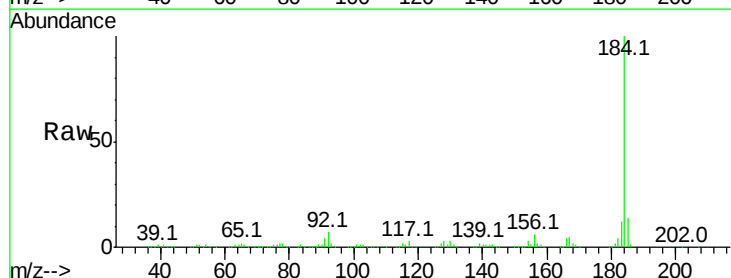
RT: 12.71 min Scan# 929

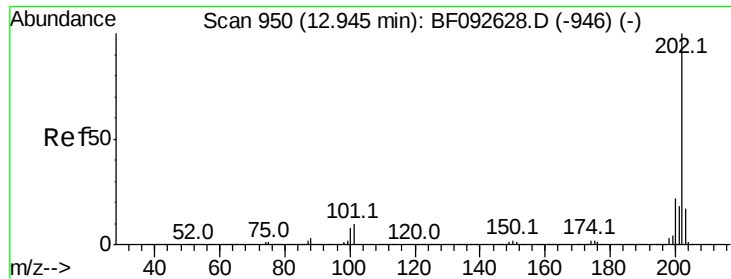
Delta R.T. -0.01 min

Lab File: BF093149.D

Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.4	20.0
183	11.7	9.2	13.8





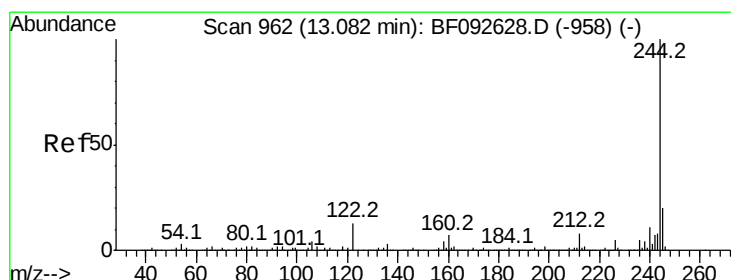
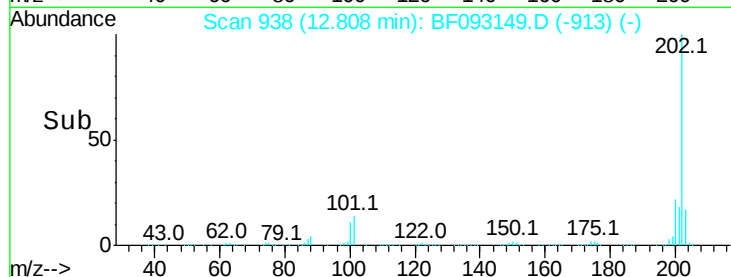
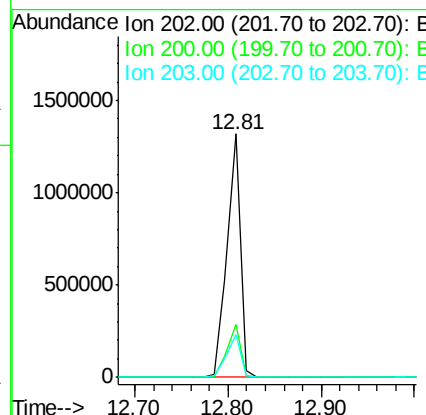
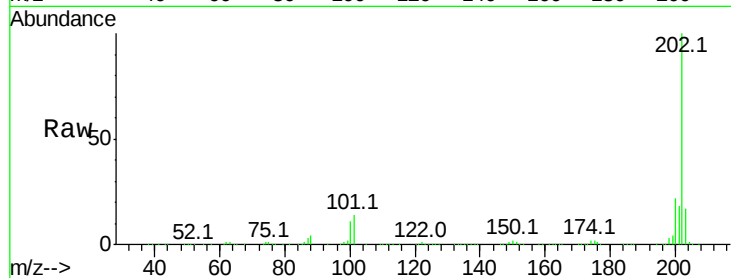
#77
Pvrene
Concen: 44.59 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion:202 Resp: 1309044
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.4 14.7 22.1

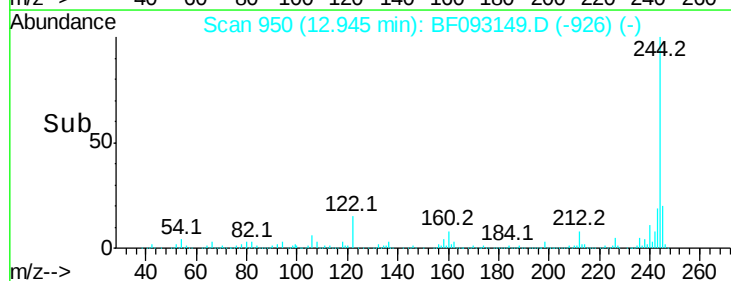
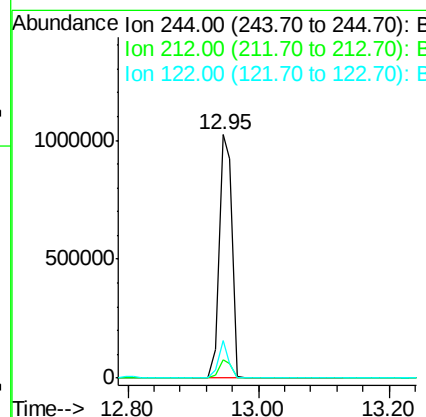
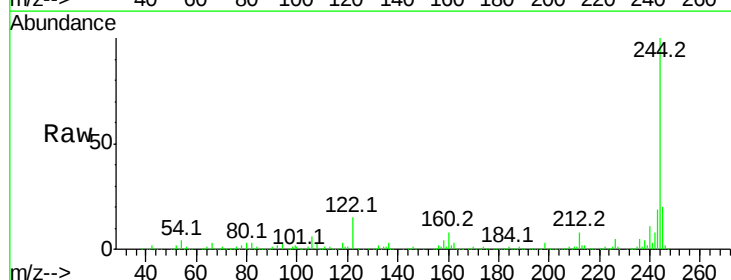
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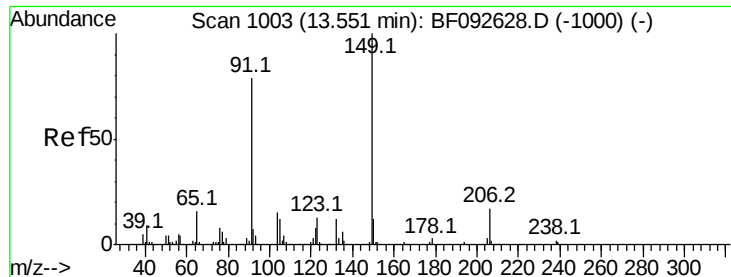
mohammad
2/27/2017 1:07:30 PM



#78
Terphenyl-d14
Concen: 85.90 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion:244 Resp: 1433963
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 15.4 11.4 17.2





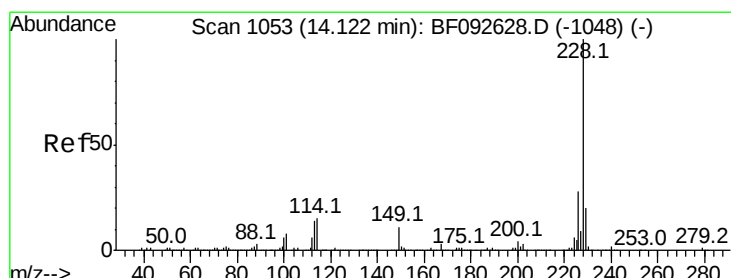
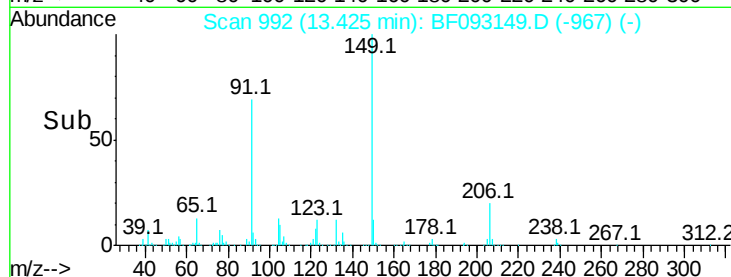
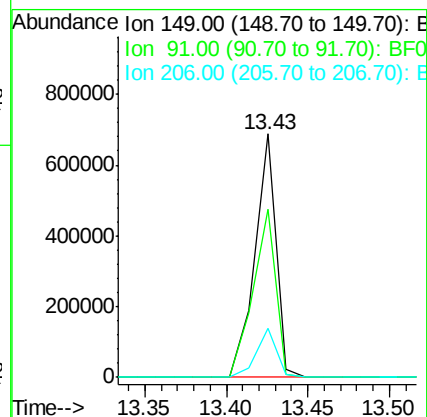
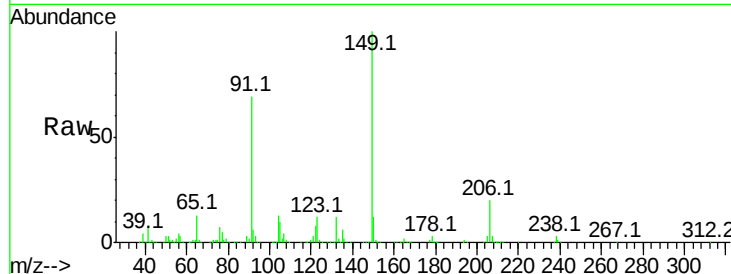
#79
Butylbenzylphthalate
Concen: 52.20 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	63.9	95.9
206	20.3	14.6	21.8

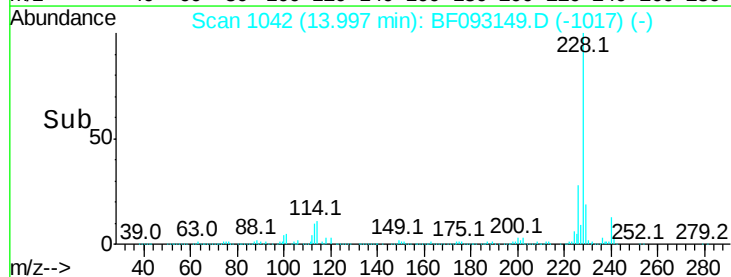
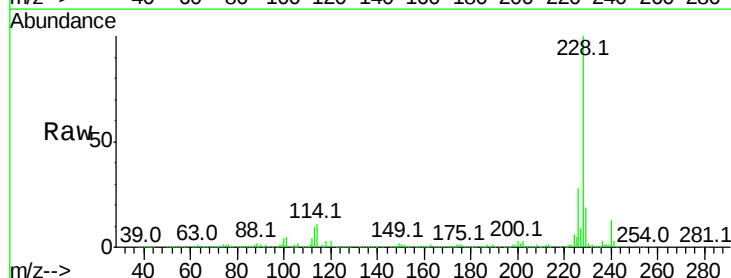
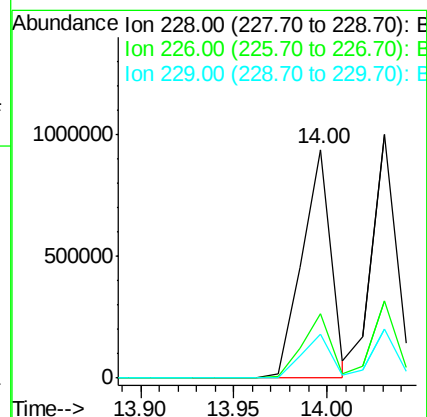
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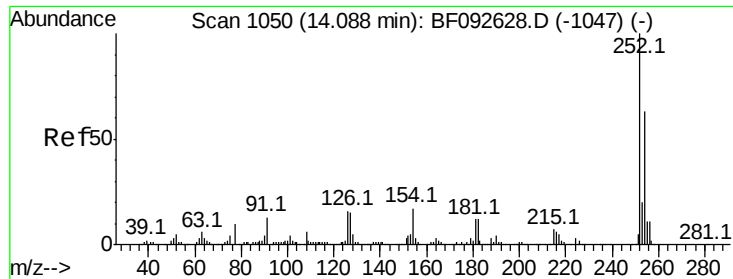
mohammad
2/27/2017 1:07:30 PM



#80
Benzo(a)anthracene
Concen: 42.30 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.5	16.2	24.4





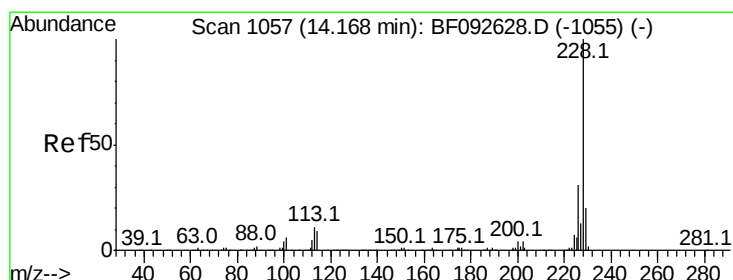
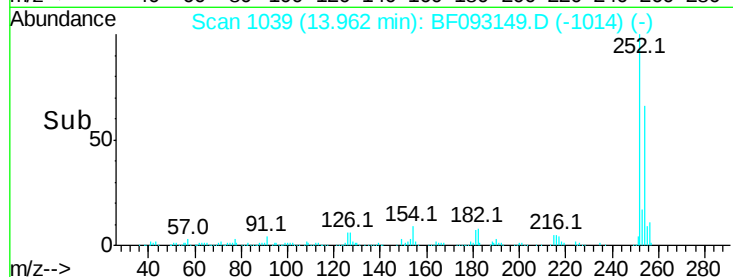
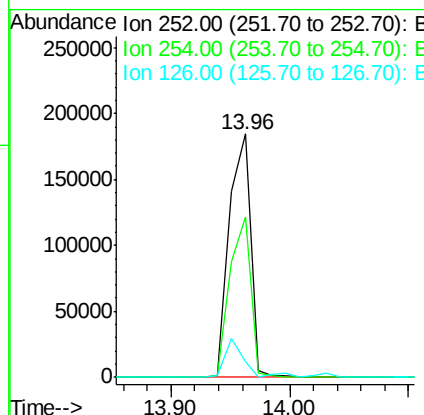
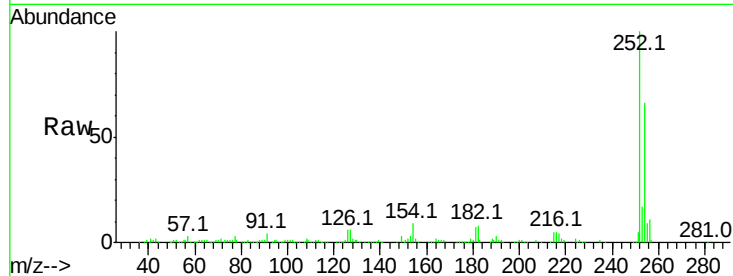
#81
 3,3'-Dichlorobenzidine
 Concen: 26.92 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 PB97158BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	52.3	78.5
126	6.4	13.6	20.4

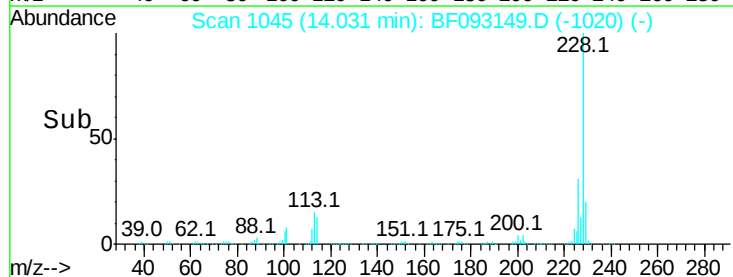
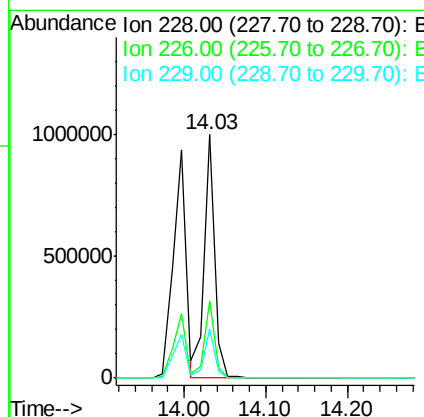
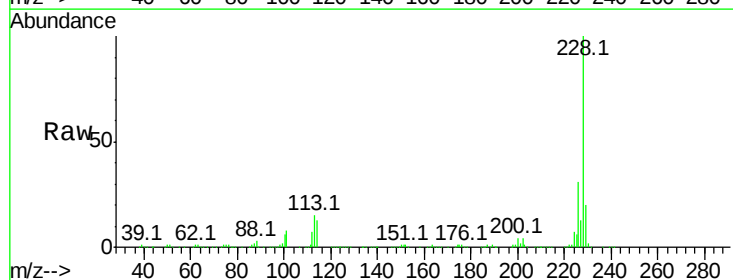
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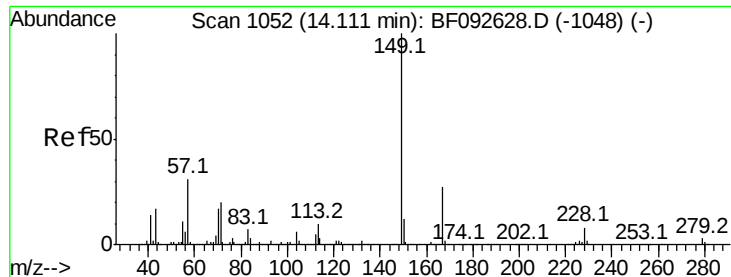
mohammad
 2/27/2017 1:07:30 PM



#82
 Chrysene
 Concen: 40.77 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.0	16.2	24.2





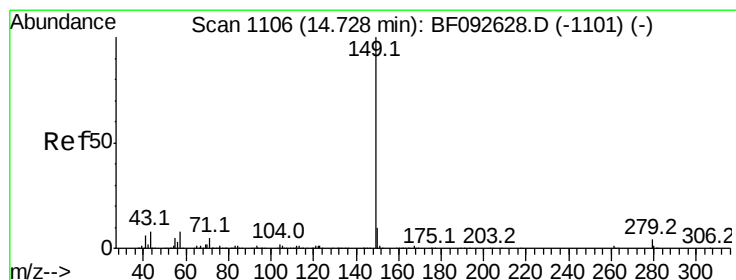
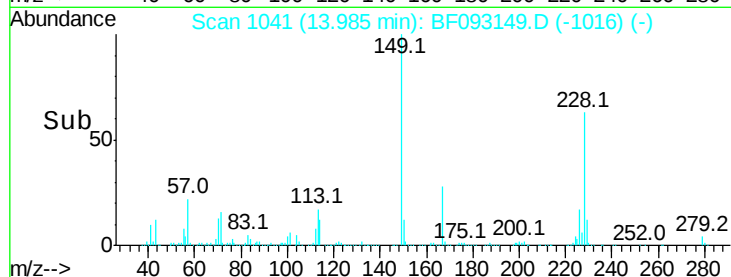
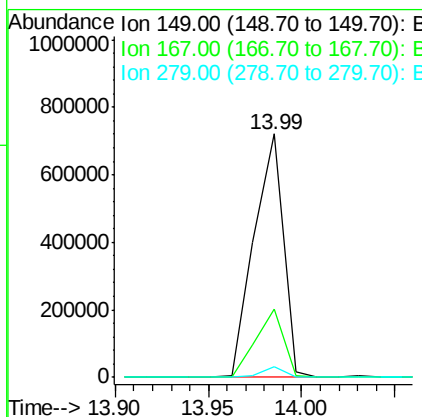
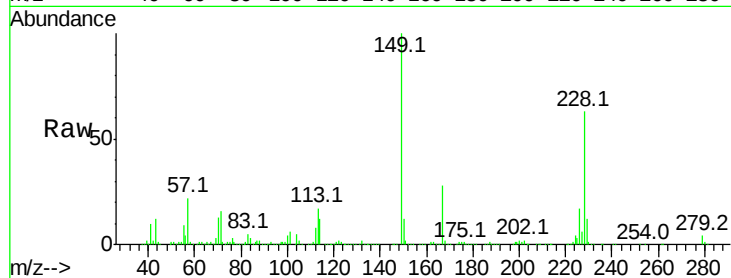
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.13 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.2	30.4
279	4.1	1.8	2.8

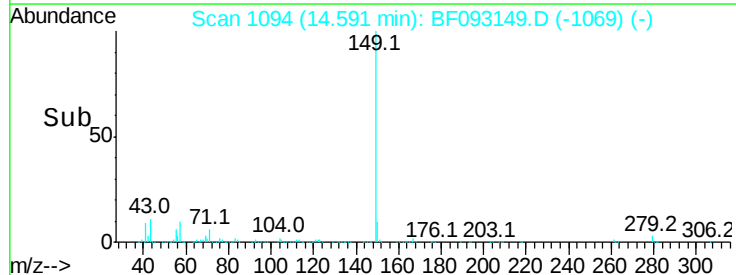
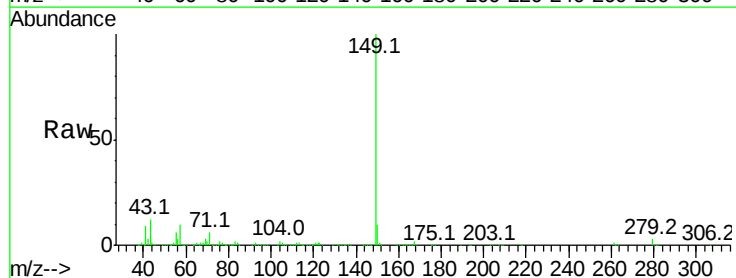
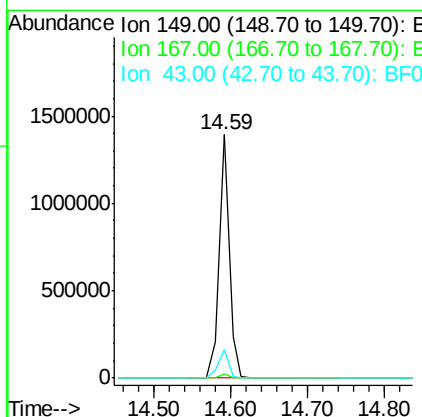
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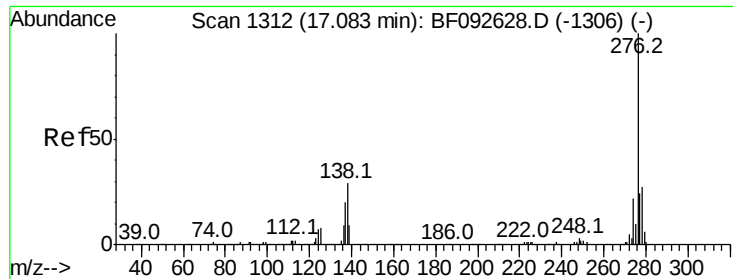
mohammad
 2/27/2017 1:07:30 PM



#84
 Di-n-octyl phthalate
 Concen: 48.01 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	8.9	13.3





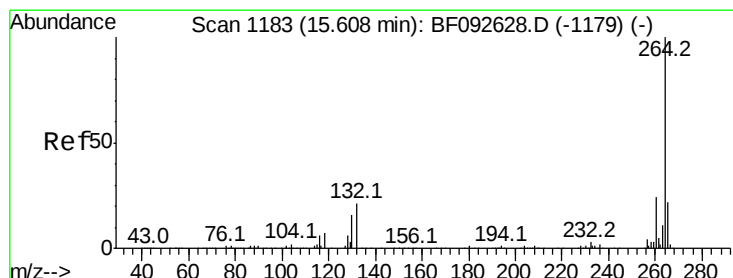
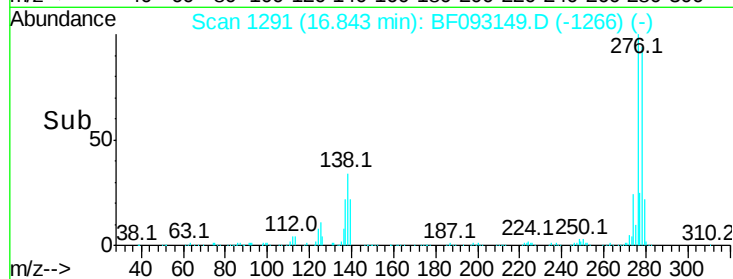
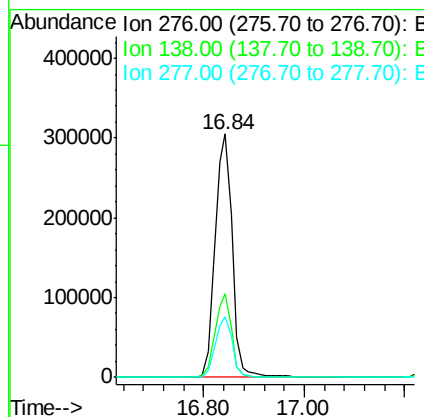
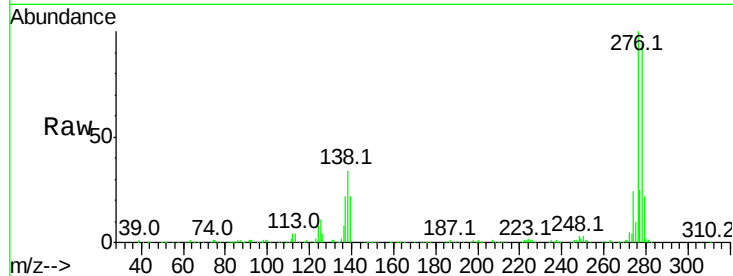
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.28 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6
277	24.7	20.2	30.4

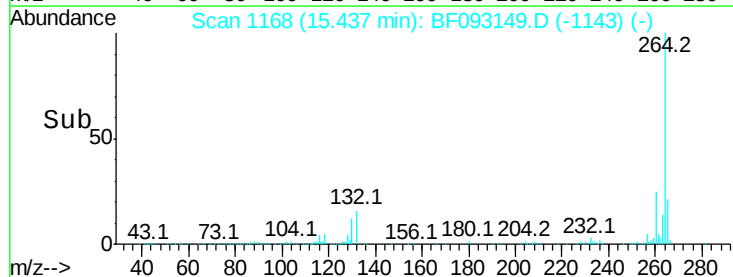
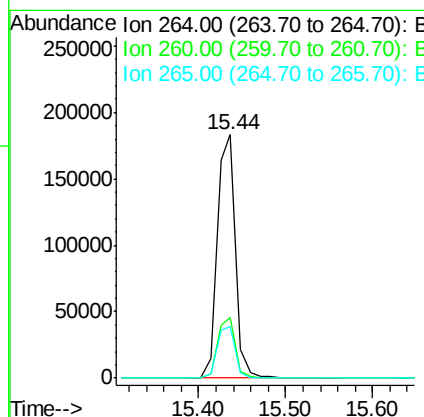
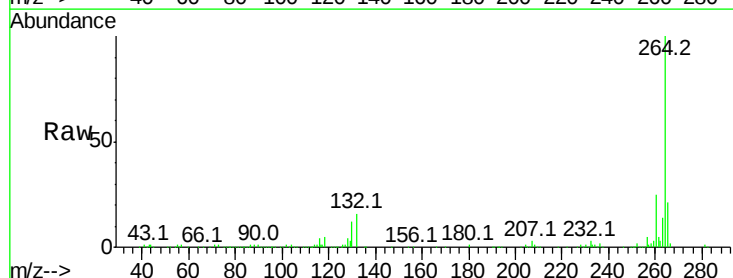
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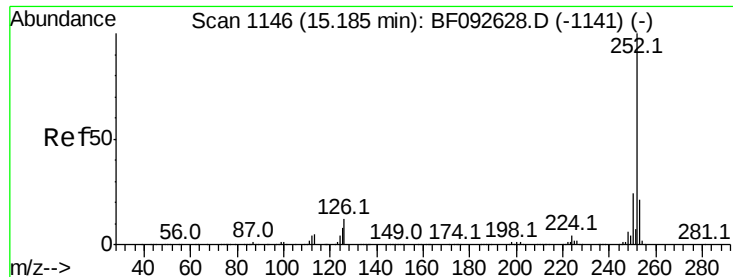
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	17.4	26.0





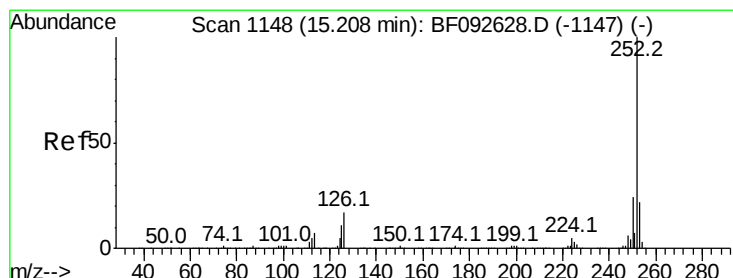
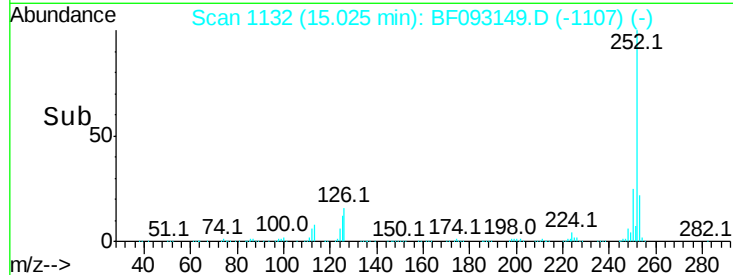
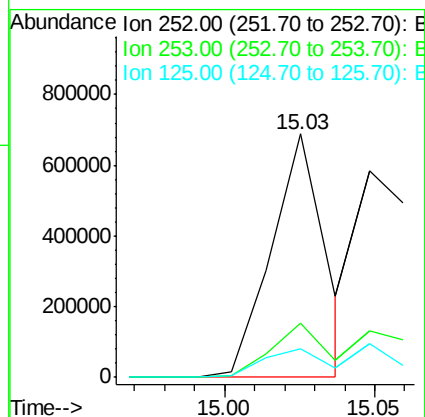
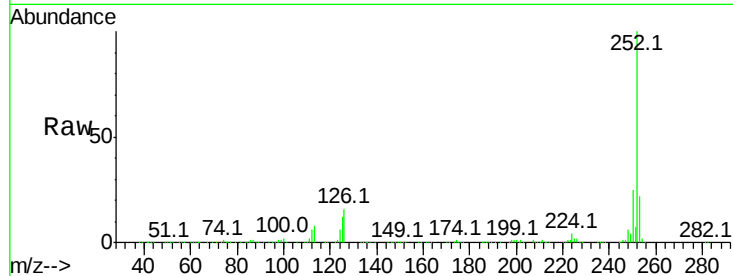
#87
Benzo(b)fluoranthene
Concen: 47.74 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.6	9.8	14.6

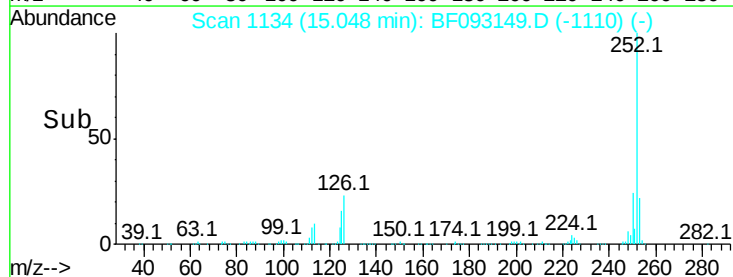
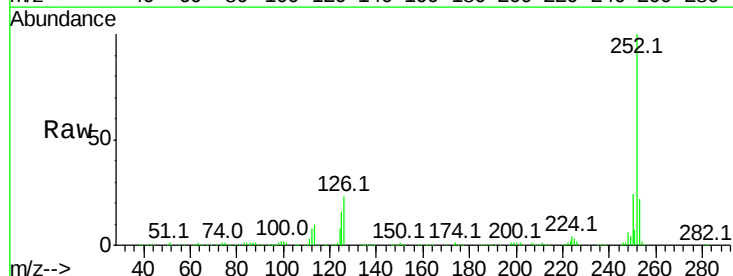
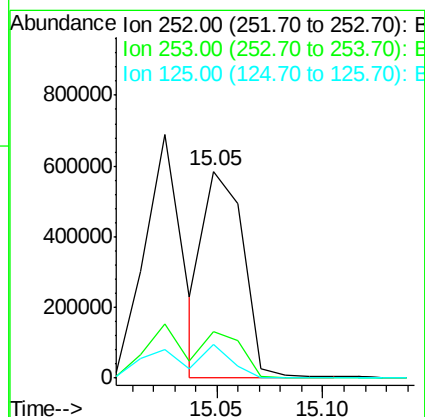
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#88
Benzo(k)fluoranthene
Concen: 50.28 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	16.1	8.9	13.3#





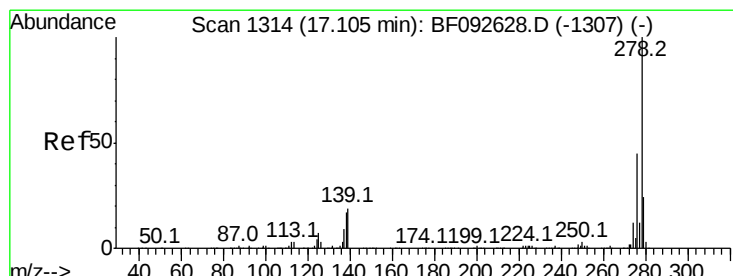
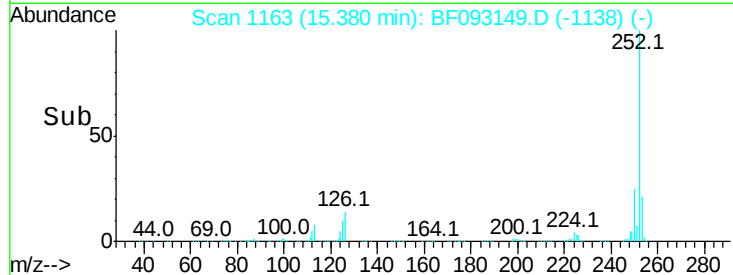
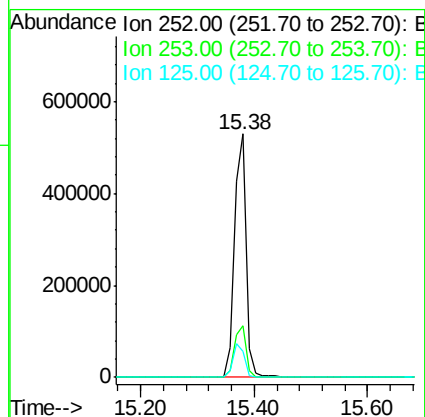
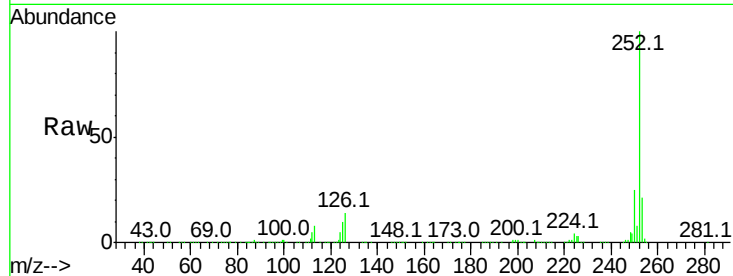
#89
Benzo(a)pyrene
Concen: 49.61 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Instrument :
BNA_F
ClientSampleId :
PB97158BS

Tot Ion:	252	Resp:	761774
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	10.5	10.0	15.0

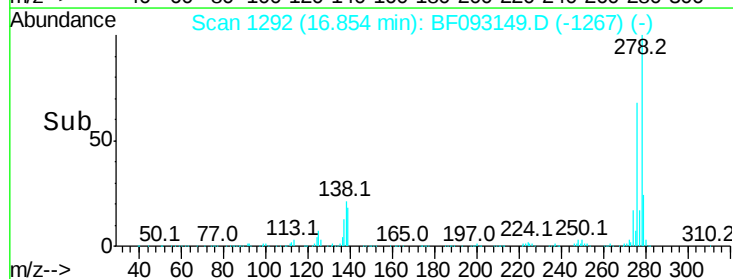
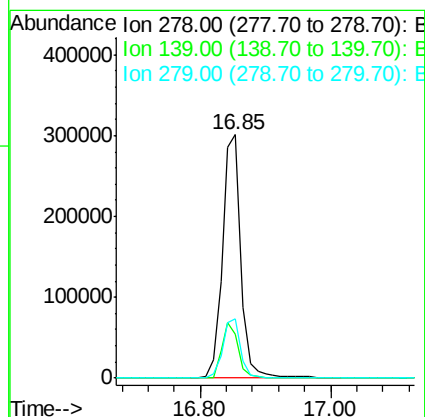
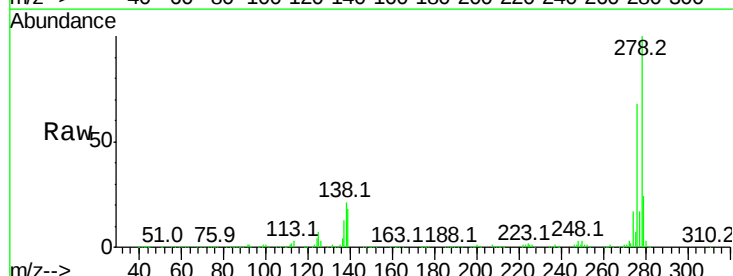
Manual Integrations
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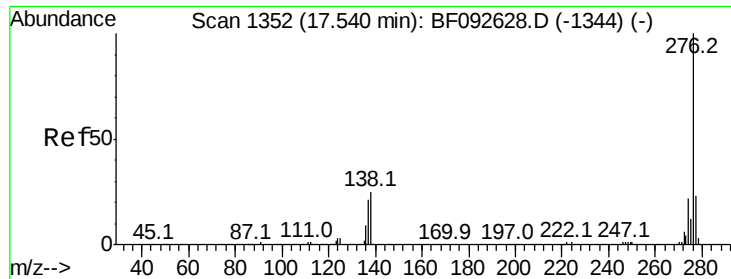
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.92 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093149.D
Acq: 24 Feb 2017 17:19

Tgt Ion:	278	Resp:	594623
Ion Ratio	Lower	Upper	
278	100		
139	18.3	14.8	22.2
279	24.1	19.8	29.6





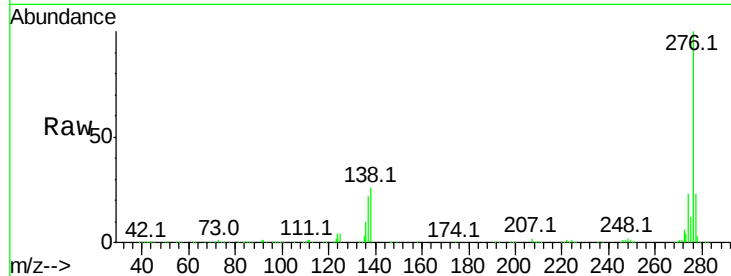
#91
 Benzo(a,h,i)perylene
 Concen: 48.89 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093149.D
 Acq: 24 Feb 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97158BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	612980		
277	23.1		19.2	28.8
138	26.2		16.0	24.0

Manual Integrations
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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

