

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093256.D
 Acq On : 28 Feb 2017 18:47
 Operator : SJ/MA
 Sample : I2017-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Manual Integrations
 APPROVED

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 3/1/2017 4:06:26 PM

Quant Time: Mar 01 02:40:38 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	6.81	152	149509	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	537302	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	221856	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	353310	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	283259	20.00	ng	-0.03
86) Perylene-d12	15.41	264	231999	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1072113	123.03	ng	-0.02
7) Phenol-d6	6.48	99	1295957	115.58	ng	-0.01
23) Nitrobenzene-d5	7.38	82	774601	80.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	193634	120.67	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1084784	88.58	ng	-0.05
78) Terphenyl-d14	12.92	244	792322	65.72	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	164357	34.90	ng	86
3) Pyridine	3.09	79	436114	36.42	ng	87
4) n-Nitrosodimethylamine	3.05	42	228553	40.65	ng	84
6) Aniline	6.49	93	261603	17.10	ng	# 61
8) 2-Chlorophenol	6.60	128	376551	39.17	ng	99
9) Benzaldehyde	6.35	77	126345	15.73	ng	87
10) Phenol	6.49	94	542873	41.38	ng	# 77
11) bis(2-Chloroethyl)ether	6.54	93	408860	39.05	ng	93
12) 1,3-Dichlorobenzene	6.75	146	421575	37.44	ng	98
13) 1,4-Dichlorobenzene	6.82	146	407779	35.78	ng	98
14) 1,2-Dichlorobenzene	6.98	146	404817	37.15	ng	96
15) Benzyl Alcohol	6.96	79	293952	35.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	655876	36.05	ng	71
17) 2-Methylphenol	7.09	107	303027	36.74	ng	# 87
18) Hexachloroethane	7.31	117	112435	28.90	ng	# 83
19) n-Nitroso-di-n-propylamine	7.23	70	302896	42.44	ng	97
20) 3+4-Methylphenols	7.24	107	415063	42.09	ng	# 71
22) Acetophenone	7.22	105	509126	41.50	ng	98
24) Nitrobenzene	7.40	77	415878	41.98	ng	# 86
25) Isophorone	7.64	82	729019	40.55	ng	96
26) 2-Nitrophenol	7.71	139	160961	34.18	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	326668	39.50	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	490294	41.17	ng	99
29) 2,4-Dichlorophenol	7.97	162	294939	38.23	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	315560	37.96	ng	98
31) Naphthalene	8.12	128	1004430	36.88	ng	98
32) Benzoic acid	7.86	122	10173m	9.01	ng	
33) 4-Chloroaniline	8.18	127	158075	14.80	ng	98
34) Hexachlorobutadiene	8.24	225	158685	34.70	ng	98
35) Caprolactam	8.54	113	89496	36.88	ng	# 47
36) 4-Chloro-3-methylphenol	8.67	107	287496	35.75	ng	100
37) 2-Methylnaphthalene	8.81	142	611832	34.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276745	44.44	ng	97
40) Hexachlorocyclopentadiene	8.96	237	13345	4.75	ng	96

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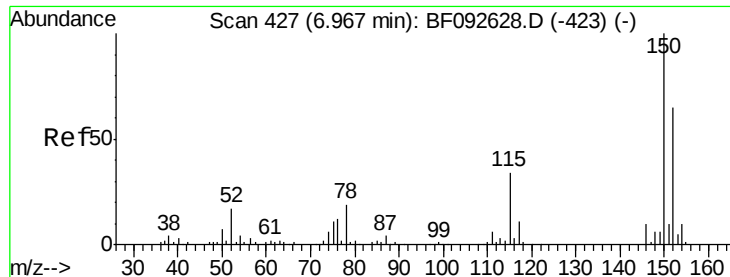
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	180494	44.11	ng	92
43) 2,4,5-Trichlorophenol	9.15	196	175883	39.23	ng #	84
45) 1,1'-Biphenyl	9.28	154	725345	45.15	ng	99
46) 2-Chloronaphthalene	9.30	162	579142	46.08	ng	98
47) 2-Nitroaniline	9.40	65	205649	48.67	ng	96
48) Acenaphthylene	9.71	152	1094044	50.39	ng	99
49) Dimethylphthalate	9.57	163	730914	48.91	ng	99
50) 2,6-Dinitrotoluene	9.64	165	128563	39.84	ng #	84
51) Acenaphthene	9.88	154	512384	39.48	ng	96
52) 3-Nitroaniline	9.81	138	135624	36.72	ng	96
53) 2,4-Dinitrophenol	9.95	184	913	5.26	ng #	1
54) Dibenzofuran	10.05	168	720512	41.50	ng	96
55) 4-Nitrophenol	10.00	139	164985	62.02	ng #	86
56) 2,4-Dinitrotoluene	10.05	165	147805	34.40	ng #	90
57) Fluorene	10.40	166	559510	41.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125316	41.90	ng	98
59) Diethylphthalate	10.27	149	595764	42.30	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	231200	36.03	ng	96
61) 4-Nitroaniline	10.43	138	151429	40.03	ng	81
62) Azobenzene	10.54	77	613817	42.19	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	4447	4.62	ng #	1
65) n-Nitrosodiphenylamine	10.51	169	494749	43.84	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	138555	37.54	ng	99
67) Hexachlorobenzene	10.94	284	132505	36.33	ng #	79
68) Atrazine	11.04	200	131908	36.42	ng	98
69) Pentachlorophenol	11.15	266	131020	70.52	ng	97
70) Phenanthrene	11.37	178	1721948	85.07	ng	98
71) Anthracene	11.41	178	987778	48.59	ng	98
72) Carbazole	11.57	167	813957	41.89	ng	98
73) Di-n-butylphthalate	11.89	149	1569862	74.70	ng	99
74) Fluoranthene	12.56	202	2026606	97.06	ng	98
77) Pyrene	12.78	202	1921630	90.65	ng	99
79) Butylbenzylphthalate	13.39	149	392051	45.54	ng	99
80) Benzo(a)anthracene	13.97	228	1421662	82.06	ng	95
81) 3,3'-Dichlorobenzidine	13.94	252	126857	20.54	ng #	92
82) Chrysene	14.01	228	1113640	68.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	651810	55.37	ng	99
84) Di-n-octyl phthalate	14.57	149	933038	48.67	ng	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	798907	63.59	ng	95
87) Benzo(b)fluoranthene	15.01	252	1572192m	102.96	ng	
88) Benzo(k)fluoranthene	15.04	252	602392m	45.69	ng	
89) Benzo(a)pyrene	15.36	252	939210	71.11	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	432386	40.50	ng	95
91) Benzo(g,h,i)perylene	17.24	276	752638	69.79	ng #	91

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



#1

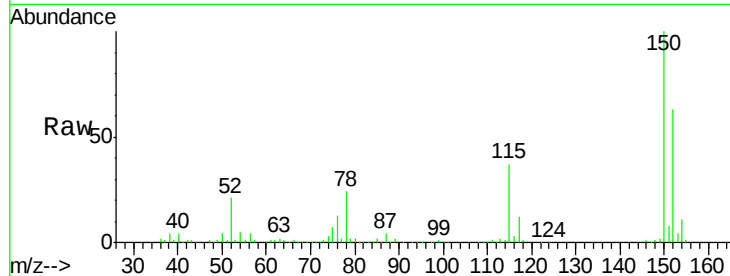
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

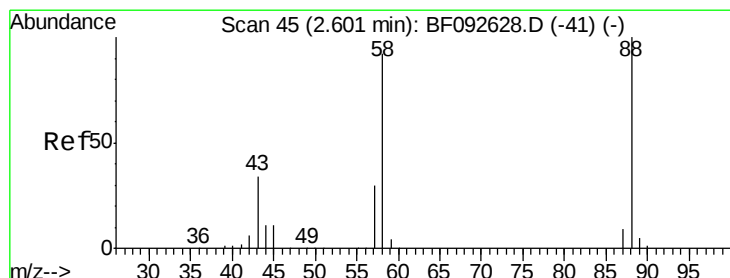
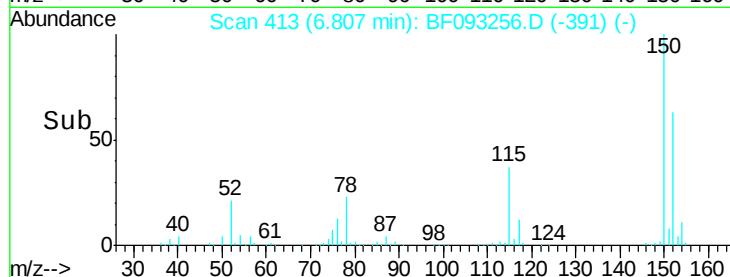
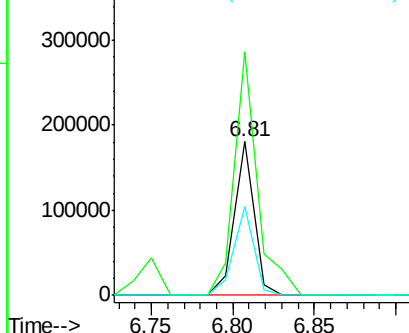
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	57.9	46.0	69.0

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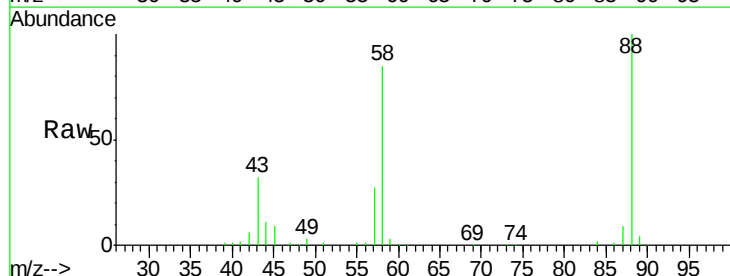
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



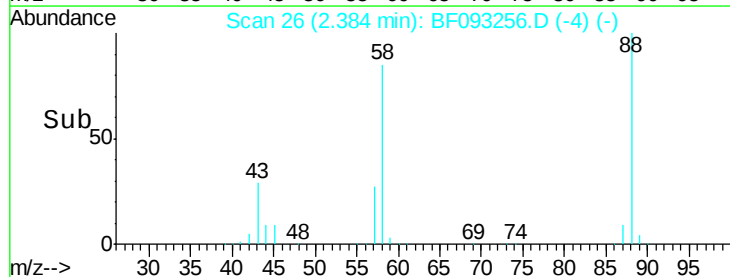
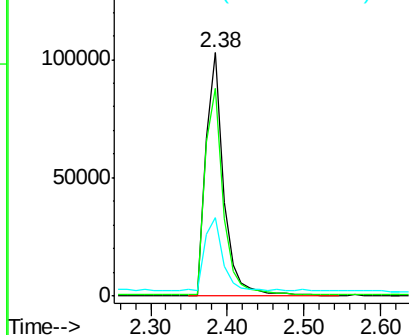
#2

1,4-Dioxane
Concen: 34.90 ng
RT: 2.38 min Scan# 26
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	57.8	86.8
43	31.4	22.3	33.5



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





#3

Pyridine

Concen: 36.42 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

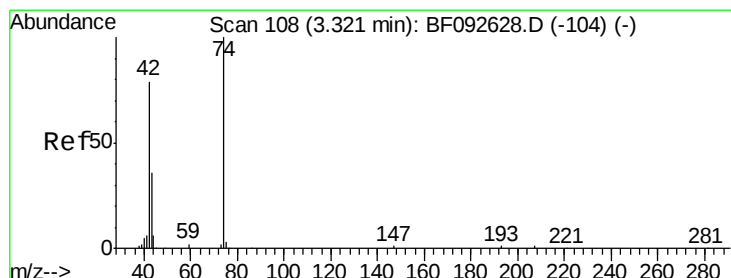
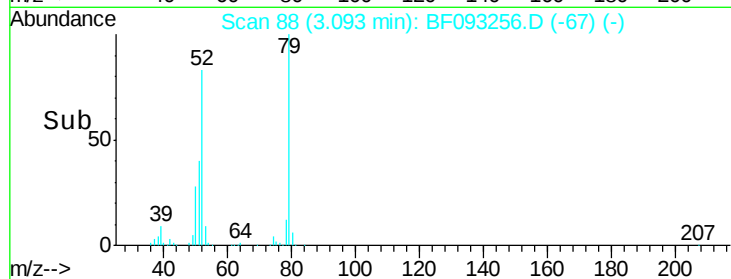
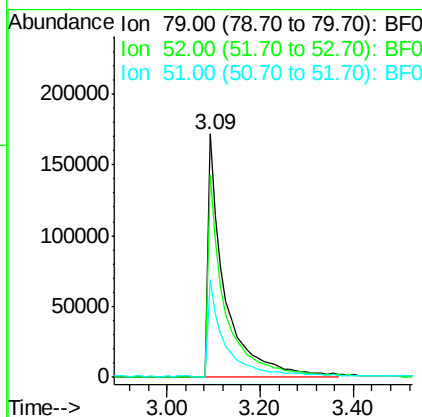
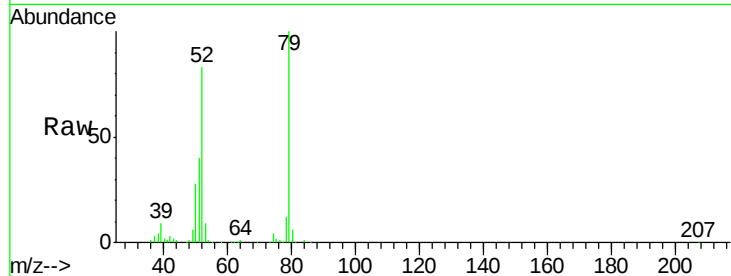
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	79	Resp:	436114
Ion	Ratio	Lower	Upper
79	100		
52	83.2	57.1	85.7
51	40.2	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.65 ng

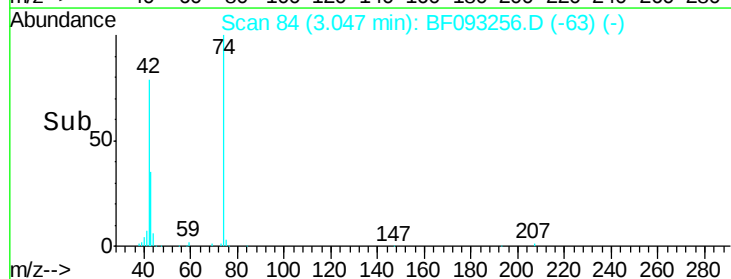
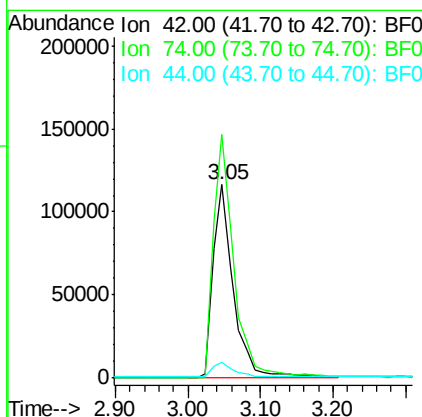
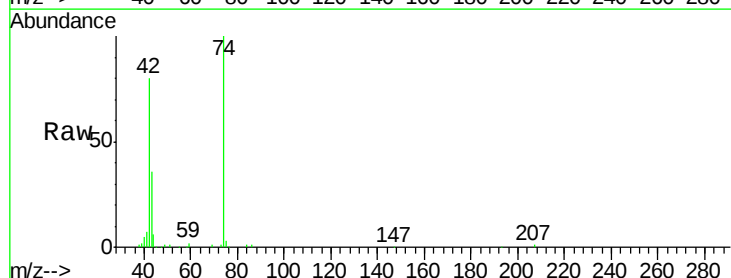
RT: 3.05 min Scan# 84

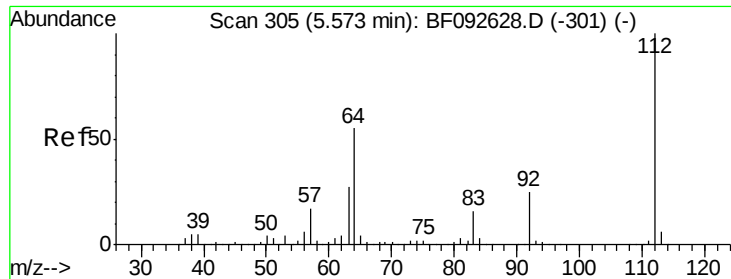
Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	42	Resp:	228553
Ion	Ratio	Lower	Upper
42	100		
74	125.8	117.0	175.4
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 123.03 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

Tgt Ion: 112 Resp: 1072113

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

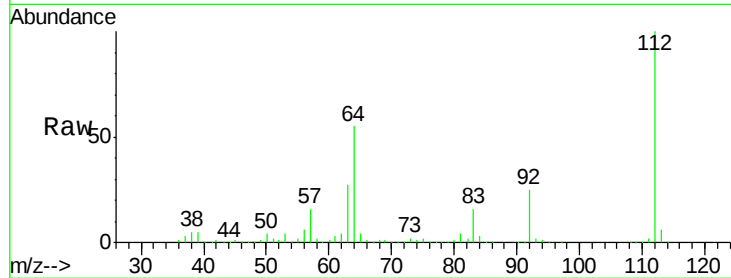
63 27.1 23.8 35.6

Manual Integrations

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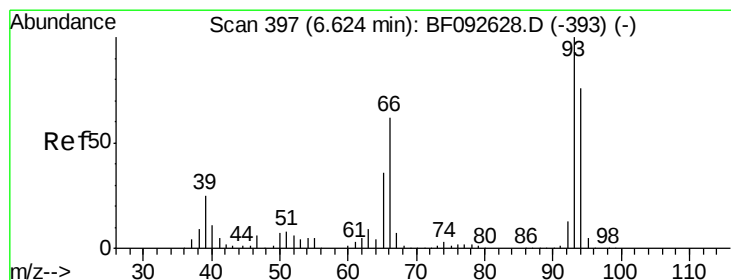
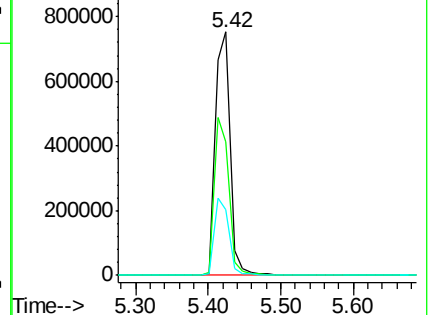
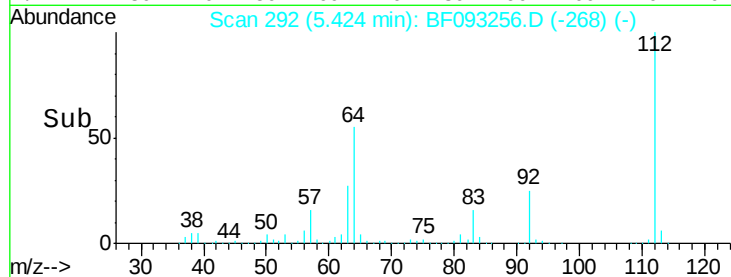
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

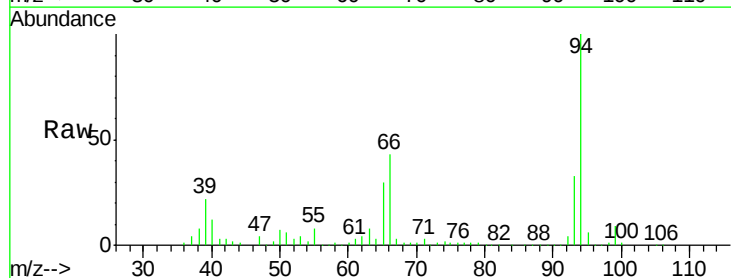
Tgt Ion: 93 Resp: 261603

Ion Ratio Lower Upper

93 100

66 132.3 76.2 114.2#

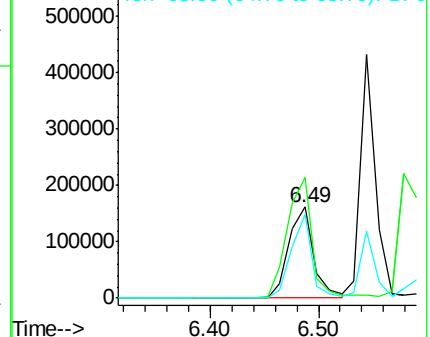
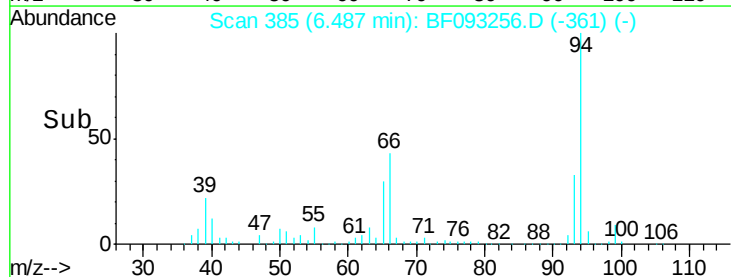
65 92.0 49.3 73.9#

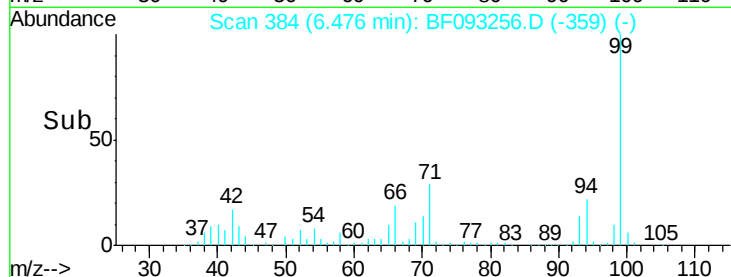
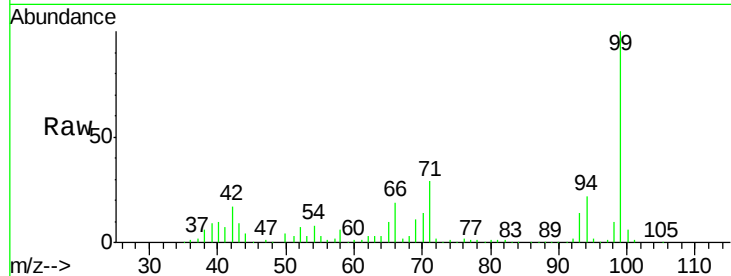
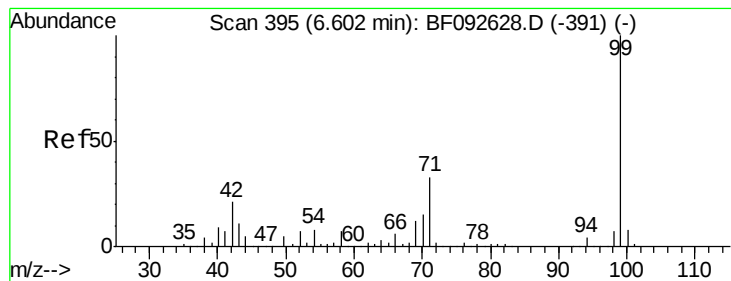


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.58 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.6	23.4
71	29.1	27.5	41.3

Instrument :

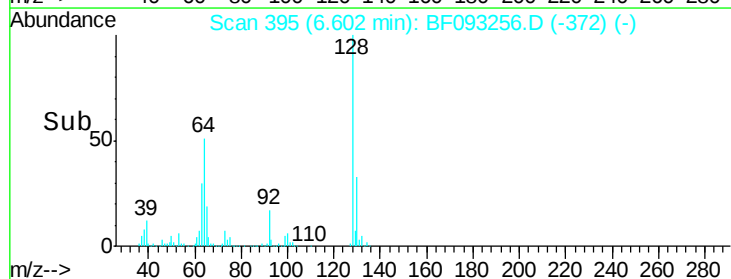
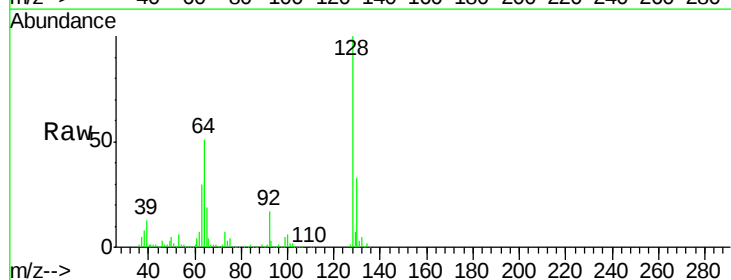
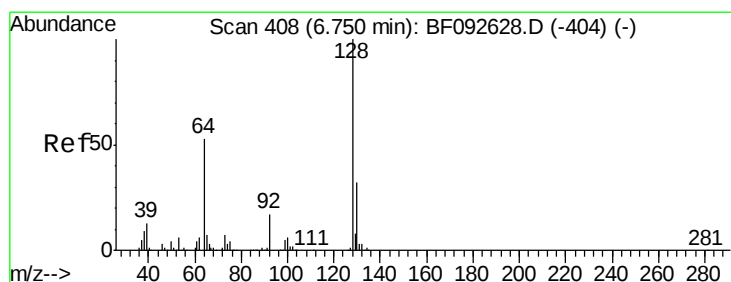
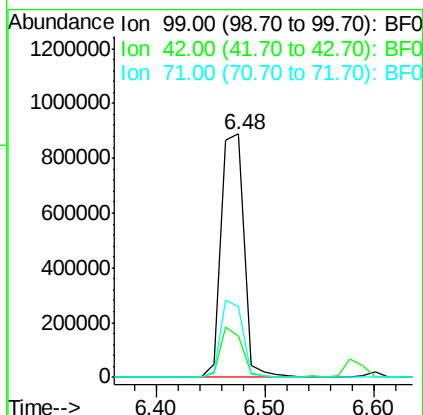
BNA_F

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#8

2-Chlorophenol

Concen: 39.17 ng

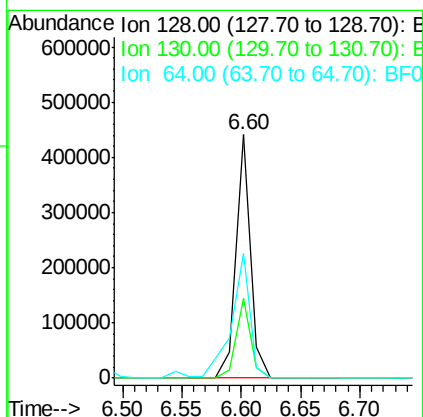
RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	51.3	32.2	72.2





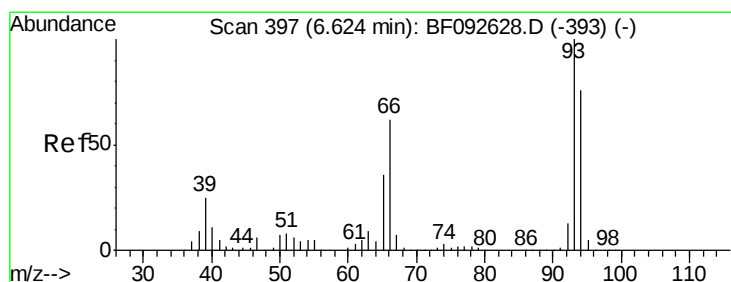
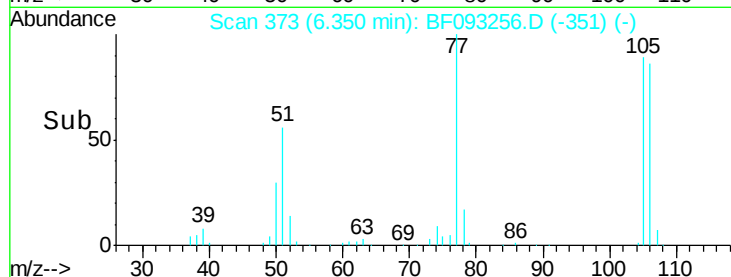
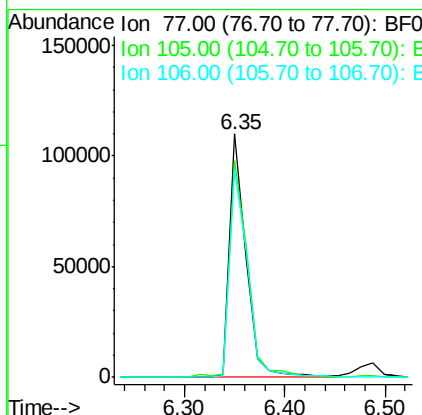
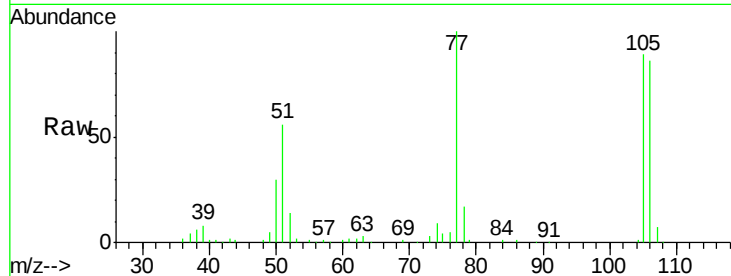
#9
Benzaldehyde
Concen: 15.73 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.0	83.9	123.9
106	85.6	77.6	117.6

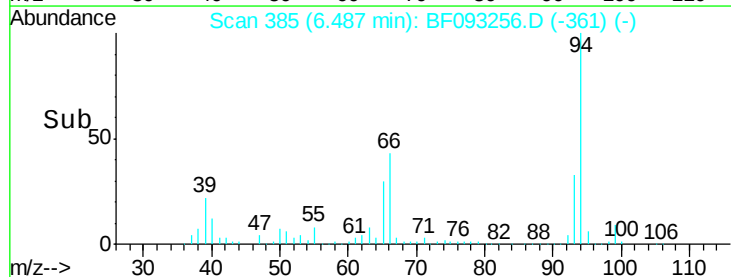
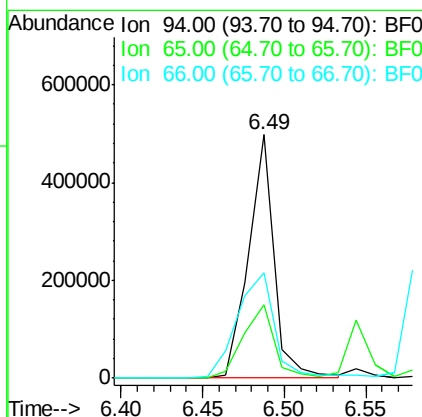
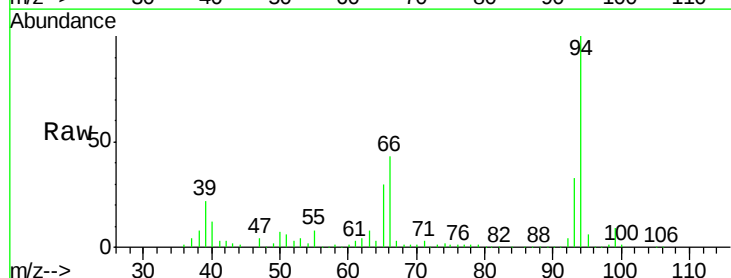
Manual Integrations
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#10
Phenol
Concen: 41.38 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093256.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	21.4	61.4
66	43.1	44.0	84.0#





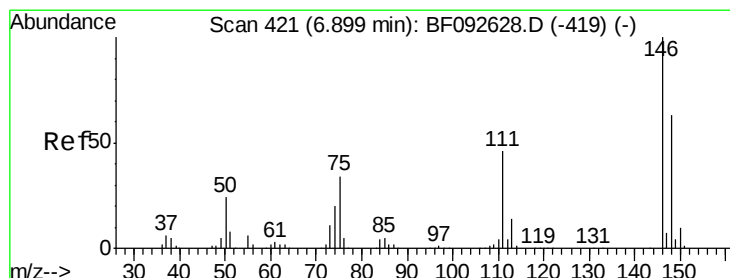
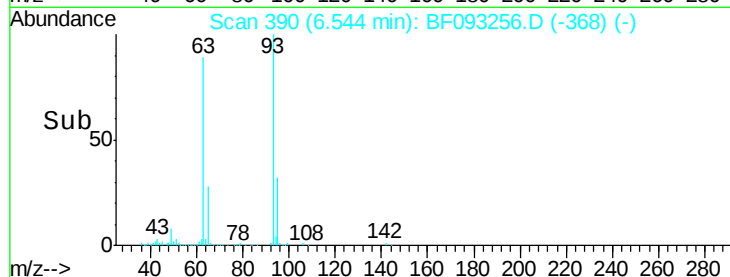
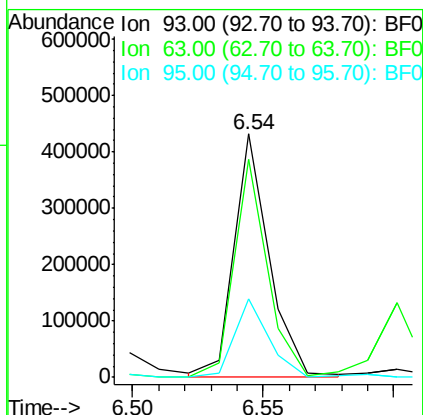
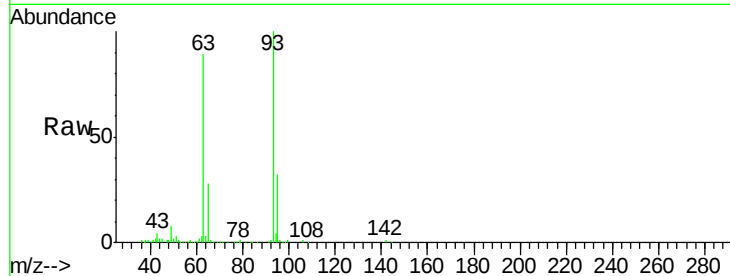
#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408860		
63	89.3	60.4	100.4	
95	32.3	12.8	52.8	

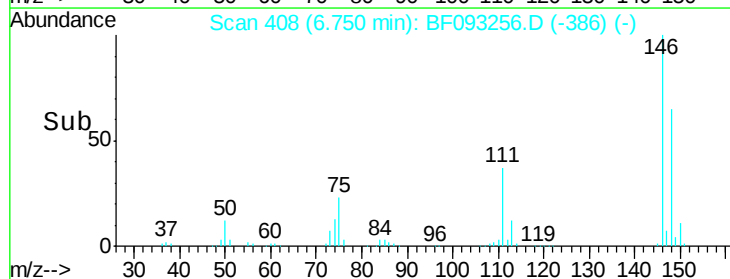
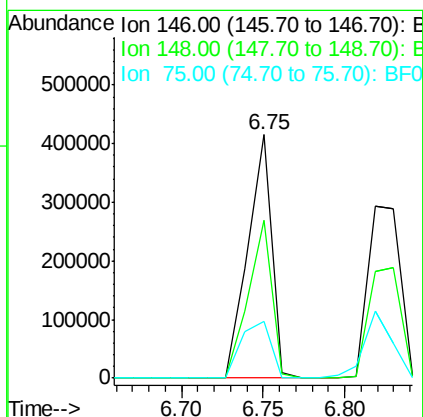
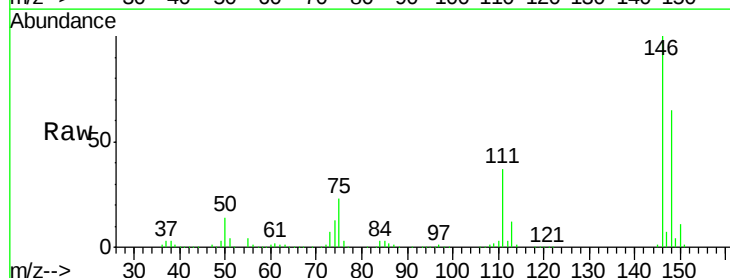
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#12
1,3-Dichlorobenzene
Concen: 37.44 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	421575		
148	64.6	53.4	80.0	
75	23.3	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 35.78 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

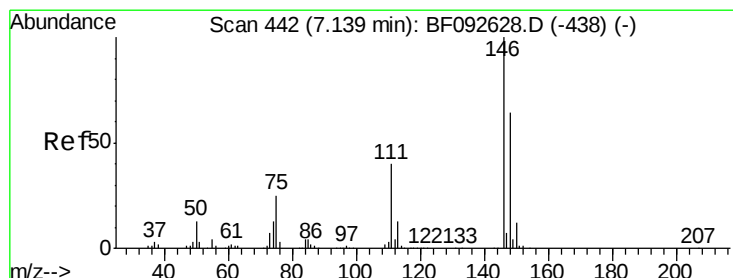
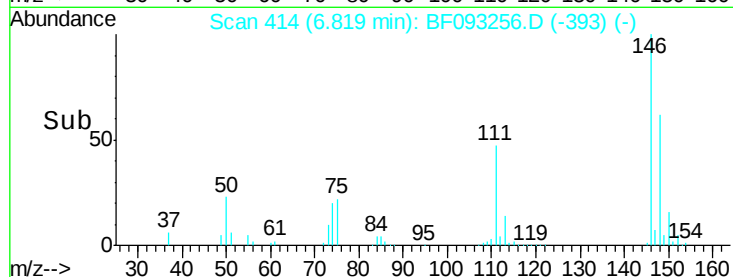
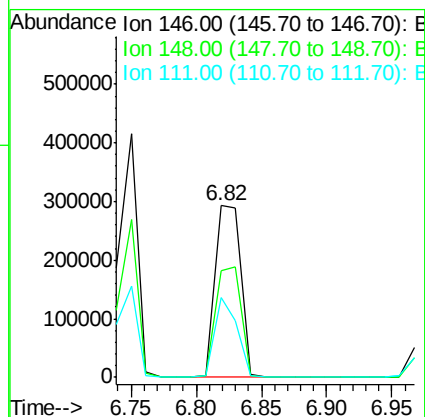
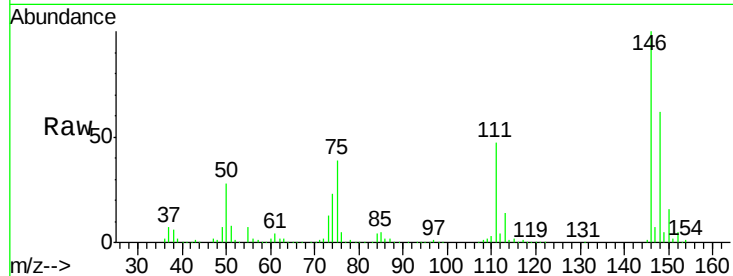
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	146	Resp:	407779
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.6	76.0
111	46.6	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 37.15 ng

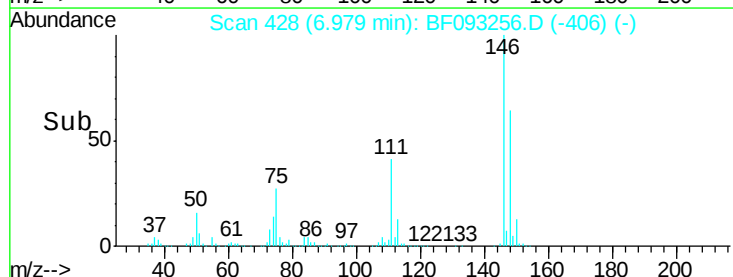
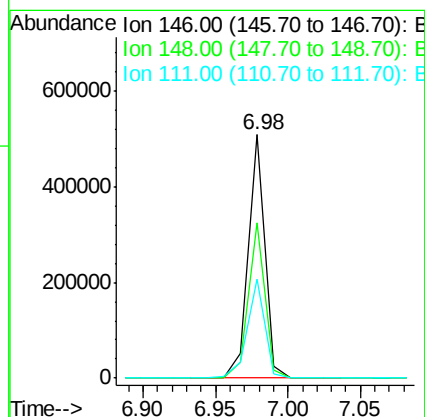
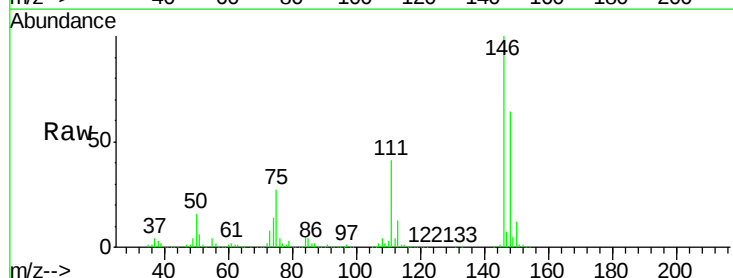
RT: 6.98 min Scan# 428

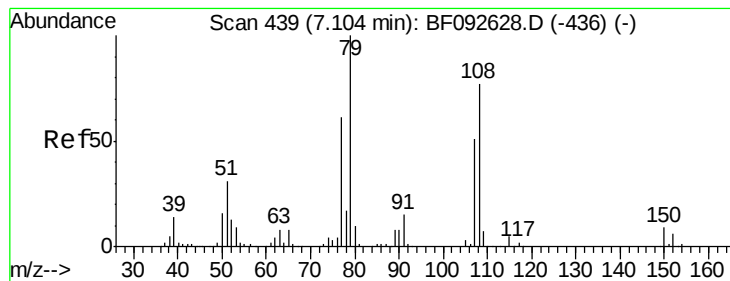
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	146	Resp:	404817
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	40.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 35.41 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

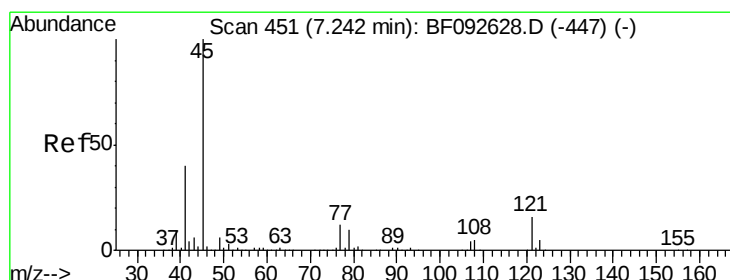
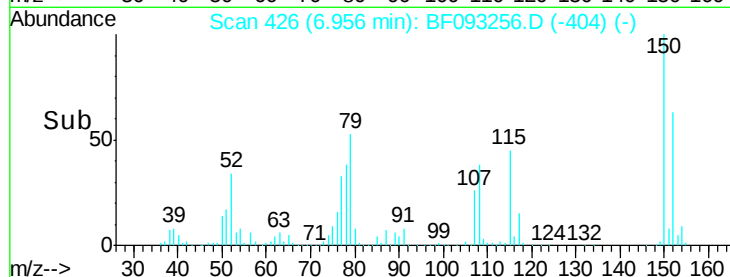
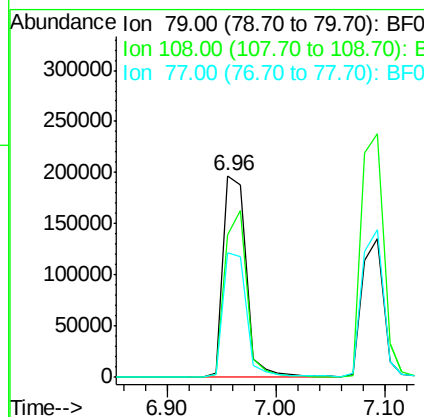
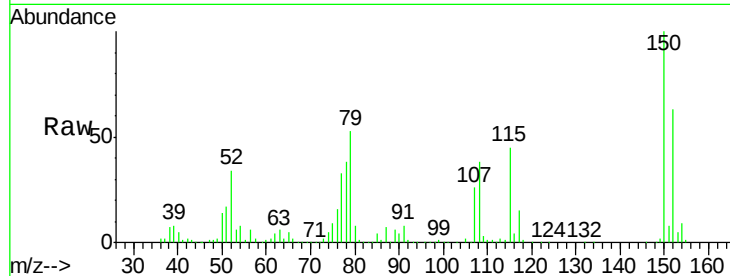
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	79	Resp:	293952
Ion Ratio	Lower	Upper	
79	100		
108	70.6	61.4	92.0
77	61.8	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.05 ng

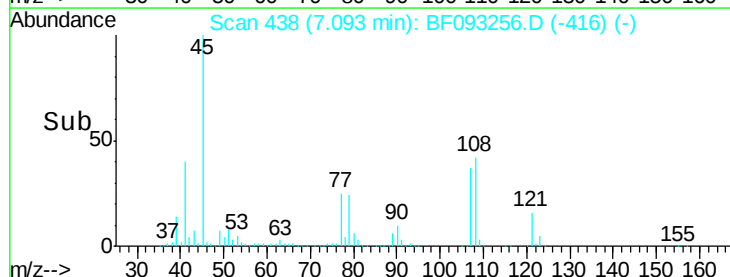
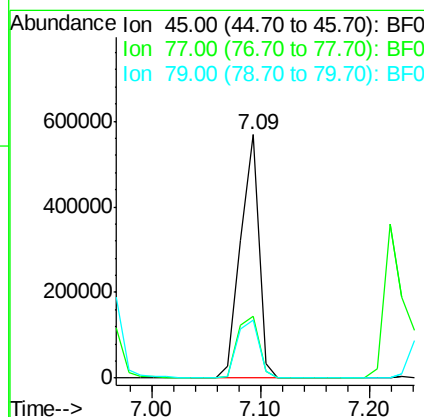
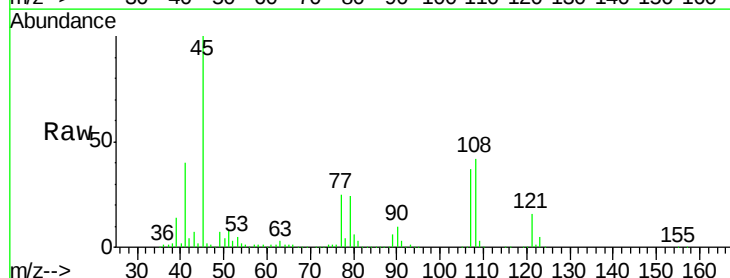
RT: 7.09 min Scan# 438

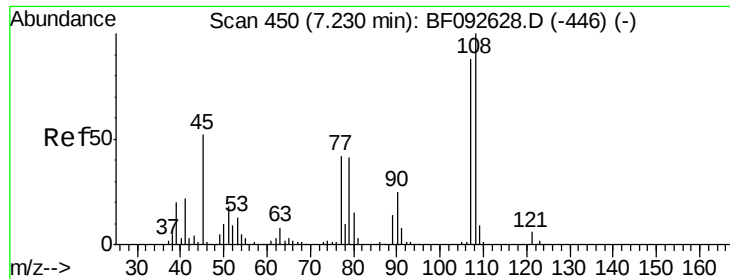
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	45	Resp:	655876
Ion Ratio	Lower	Upper	
45	100		
77	25.4	0.0	34.6
79	23.7	0.0	31.2





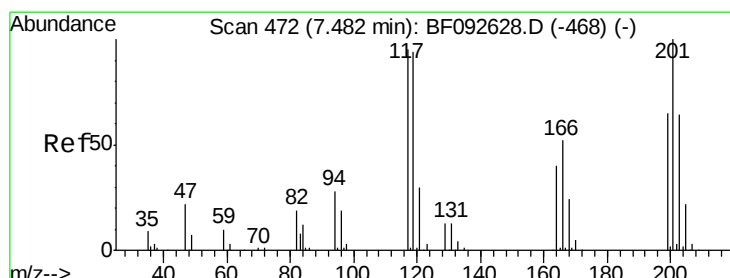
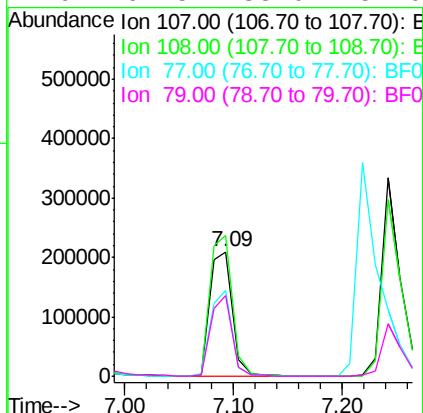
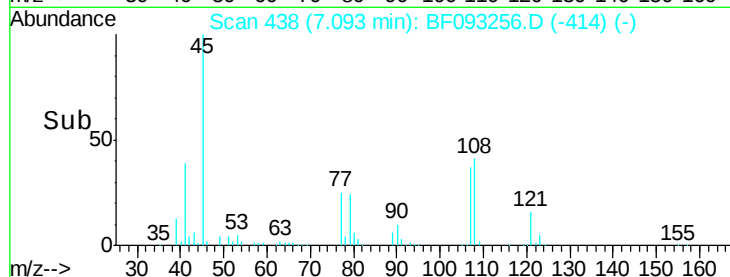
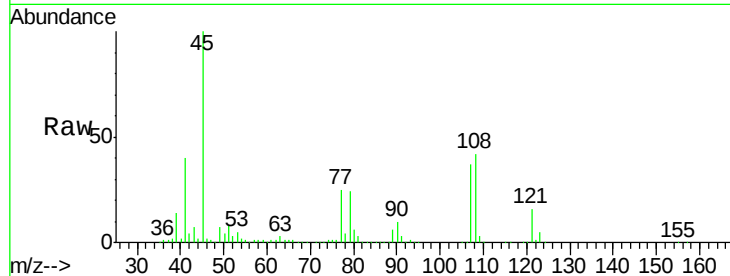
#17
2-Methylphenol
Concen: 36.74 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	93.0	139.6	
77	69.1	39.8	59.8#	
79	64.5	38.0	57.0#	

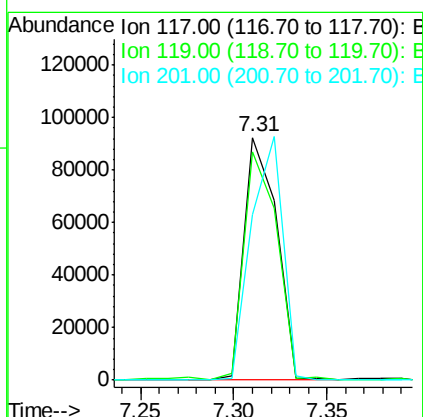
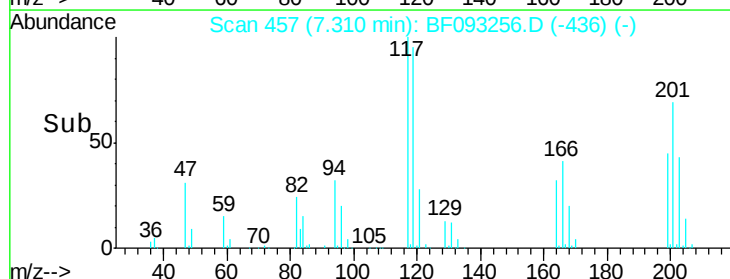
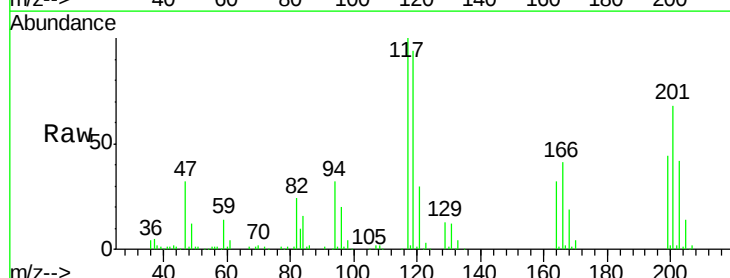
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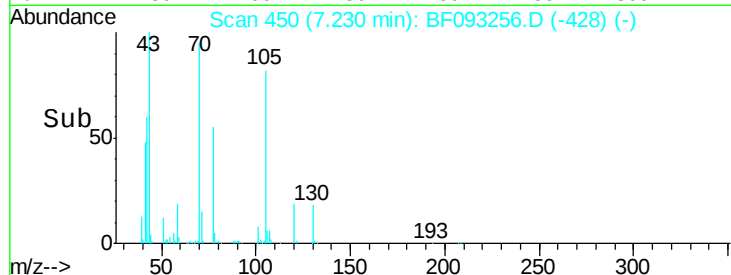
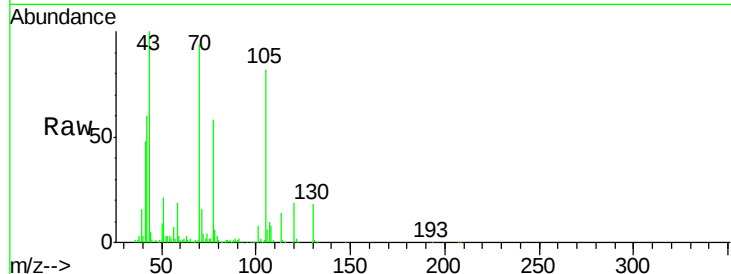
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#18
Hexachloroethane
Concen: 28.90 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	78.1	117.1	
201	68.0	78.6	117.8#	





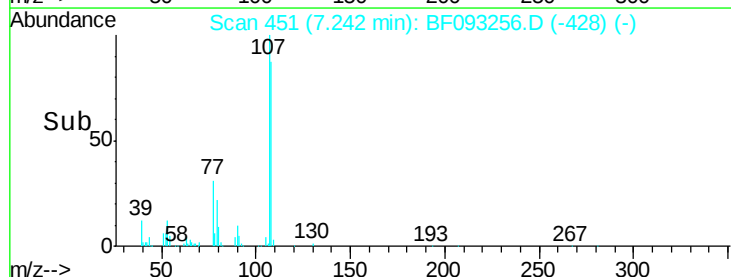
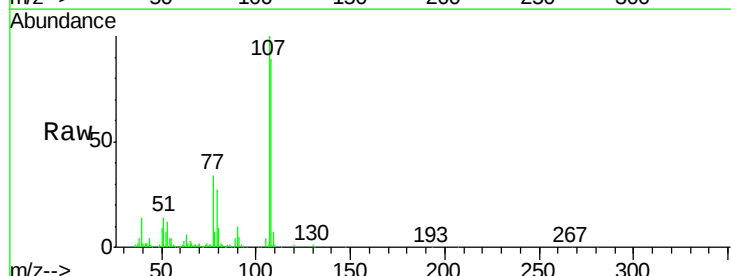
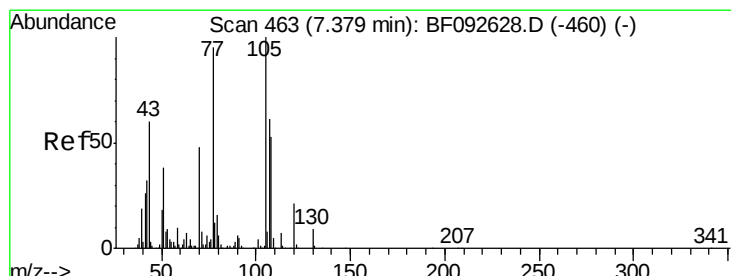
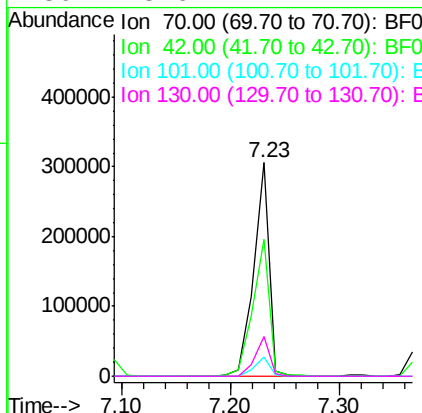
#19
n-Nitroso-di-n-propylamine
Concen: 42.44 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	302896		
42	63.9	49.4	74.0	
101	8.8	7.4	11.2	
130	18.6	14.2	21.4	

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

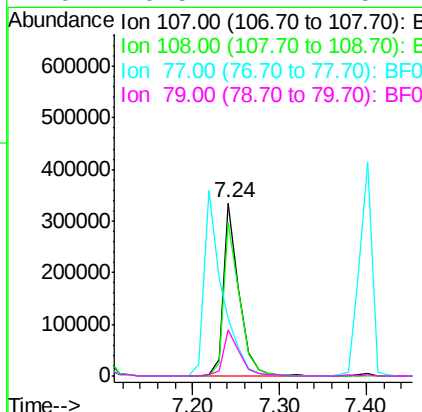
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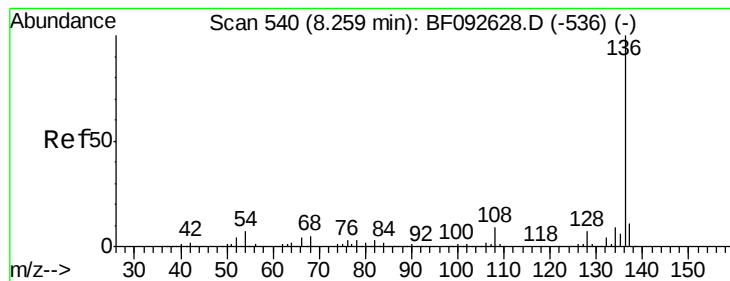
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#20
3+4-Methylphenols
Concen: 42.09 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	415063		
108	89.1	73.0	113.0	
77	33.7	71.3	111.3#	
79	26.5	11.1	51.1	





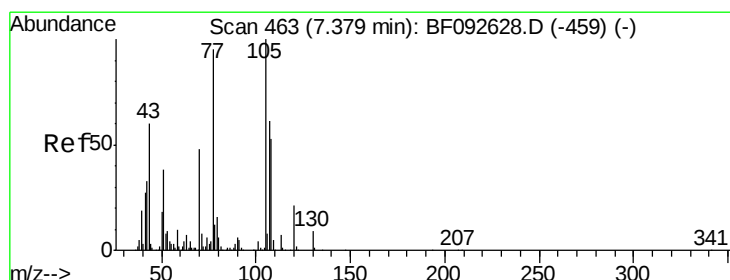
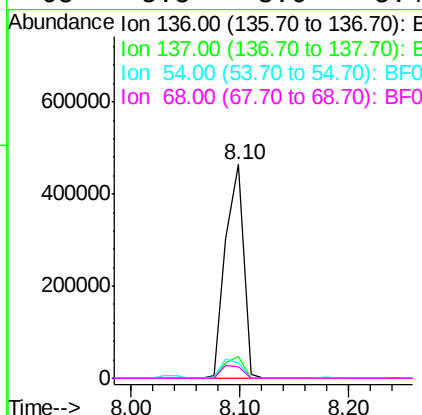
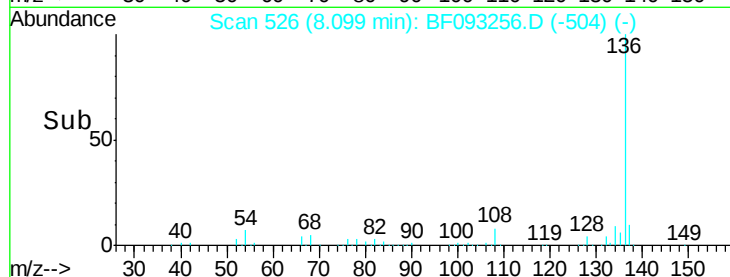
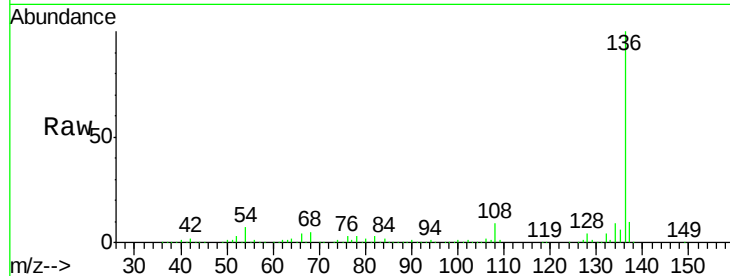
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	537302		
137	10.2	8.4	12.6	
54	7.4	4.5	6.7#	
68	5.5	3.6	5.4#	

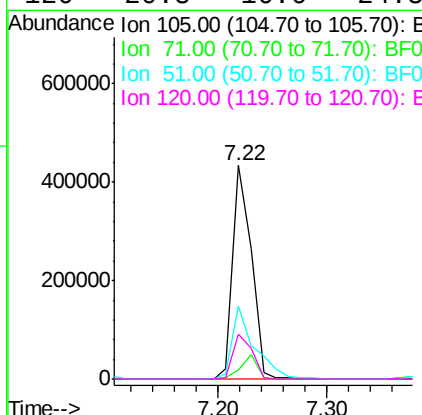
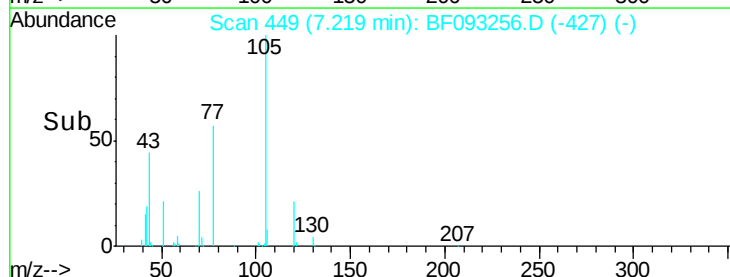
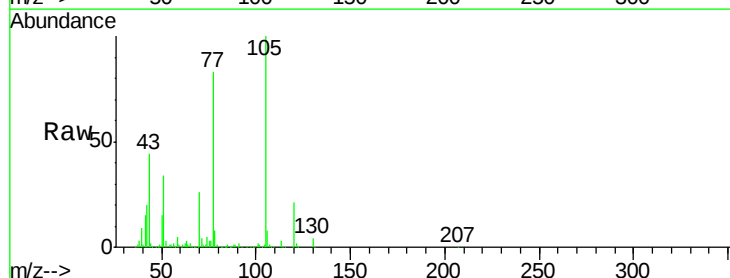
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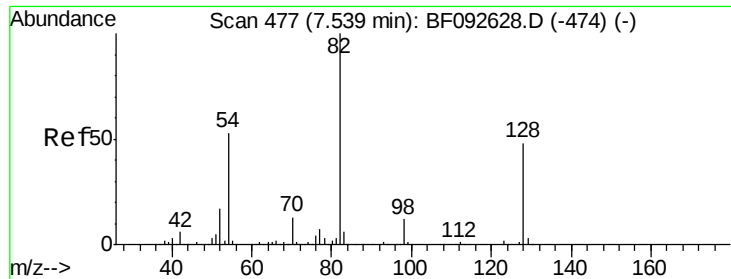
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#22
Acetophenone
Concen: 41.50 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	509126		
71	4.5	3.2	4.8	
51	34.3	26.2	39.4	
120	20.8	16.6	24.8	





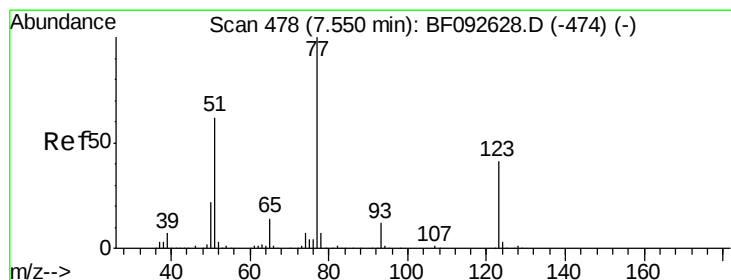
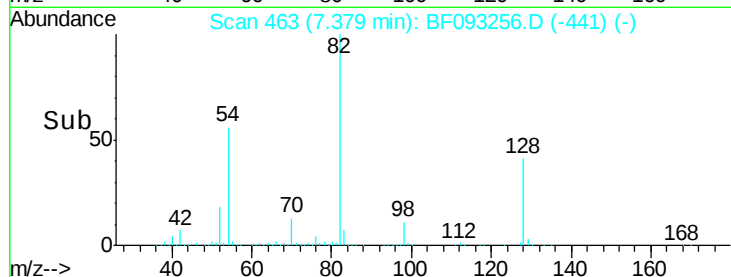
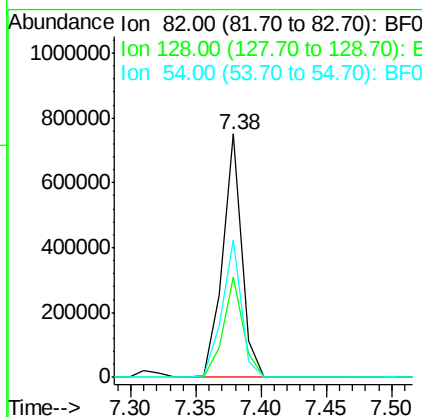
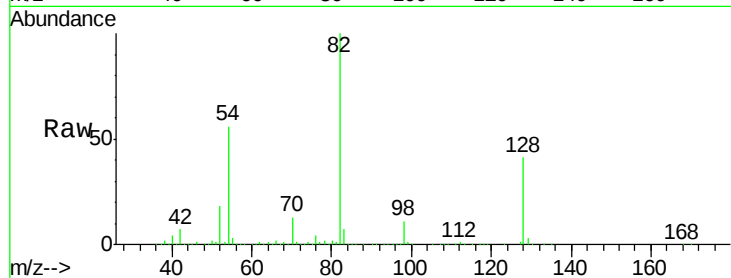
#23
Nitrobenzene-d5
Concen: 80.28 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	56.4	39.5	59.3

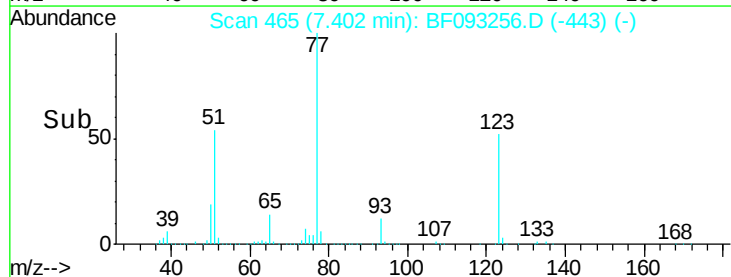
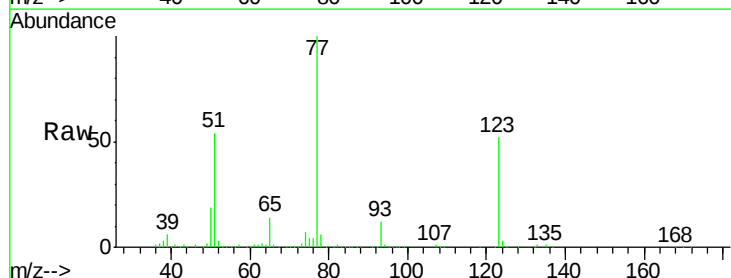
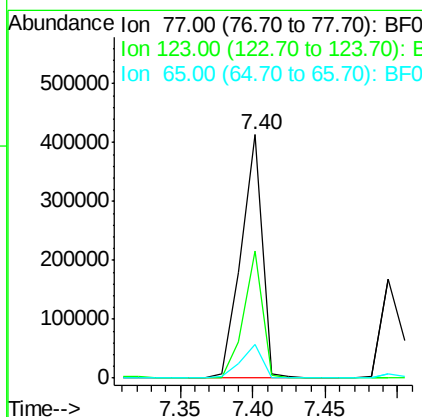
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#24
Nitrobenzene
Concen: 41.98 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	33.0	49.4#
65	13.6	11.2	16.8





#25

Isophorone

Concen: 40.55 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

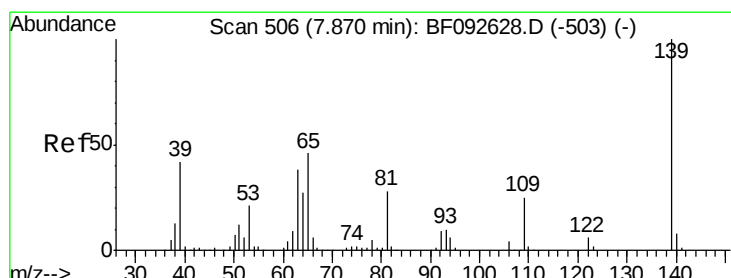
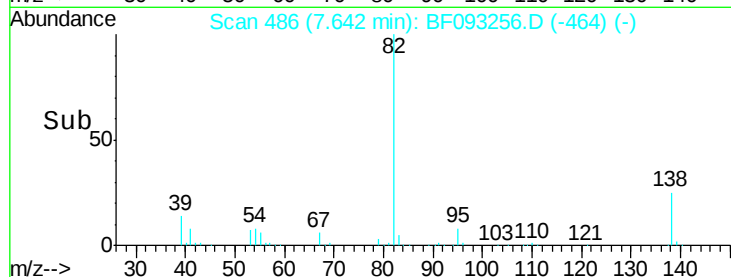
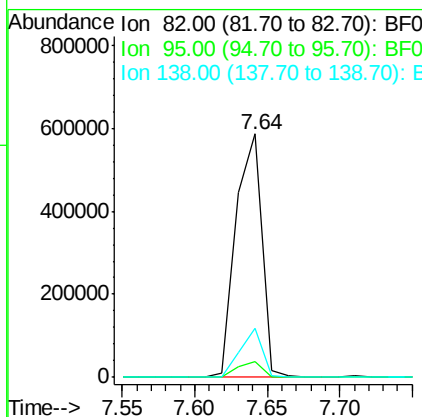
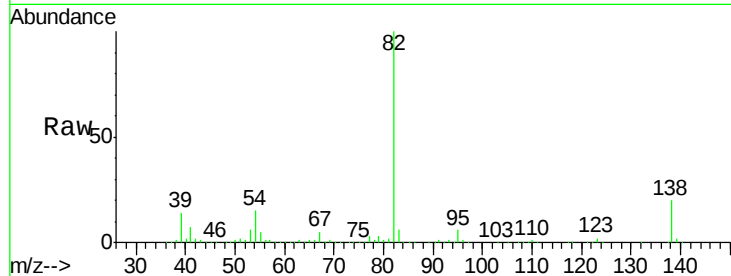
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	82	Resp:	729019
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	20.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 34.18 ng

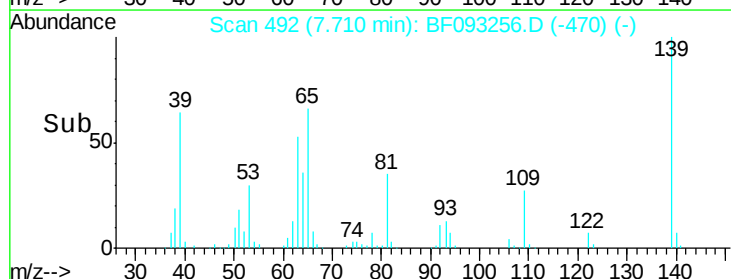
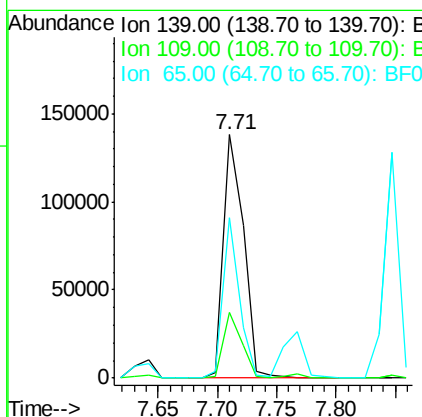
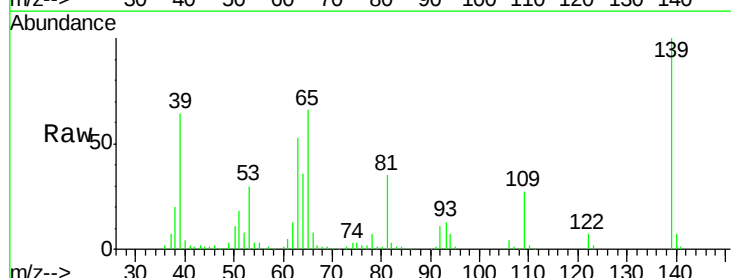
RT: 7.71 min Scan# 492

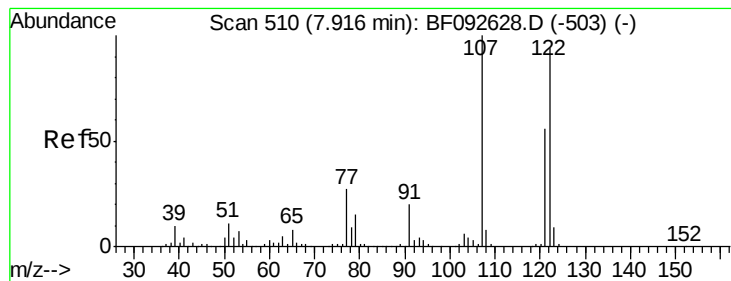
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	139	Resp:	160961
Ion Ratio	Lower	Upper	
139	100		
109	27.0	23.3	34.9
65	65.8	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 39.50 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

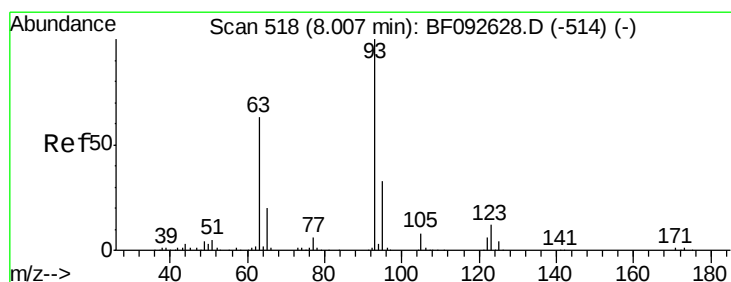
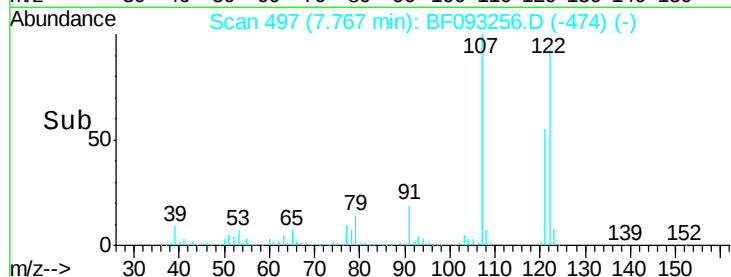
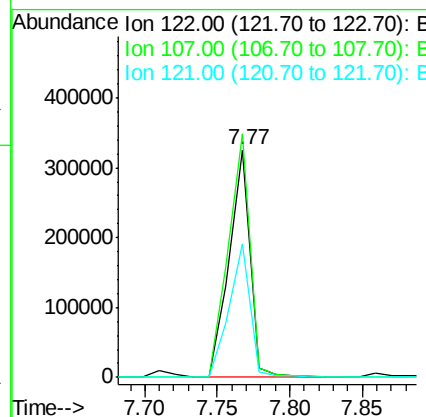
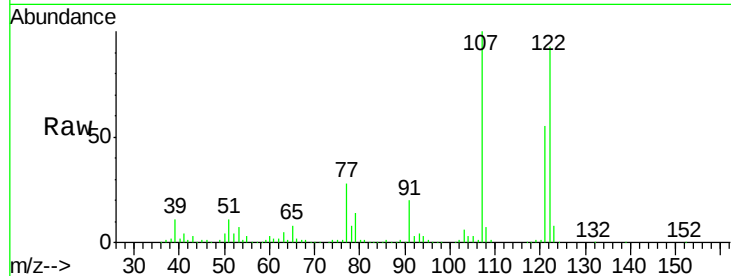
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	326668		
107	107.0	94.1	141.1	
121	58.6	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.17 ng

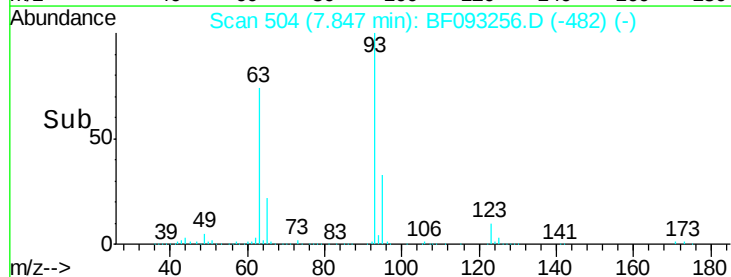
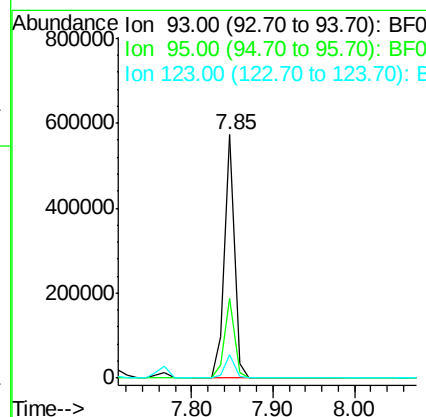
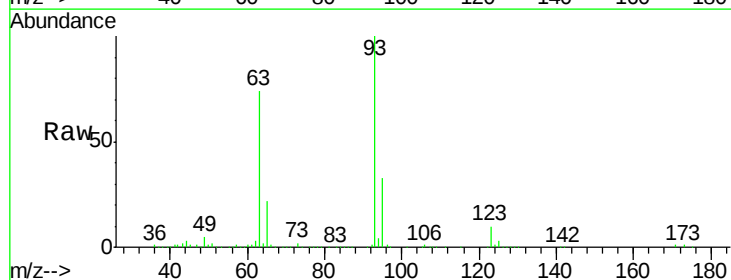
RT: 7.85 min Scan# 504

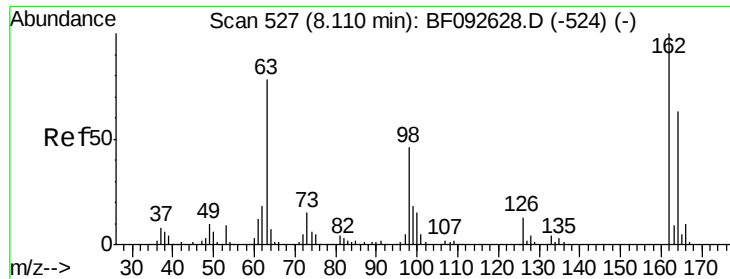
Delta R.T. -0.05 min

Lab File: BF093256.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490294		
95	32.7	26.5	39.7	
123	9.8	8.6	13.0	





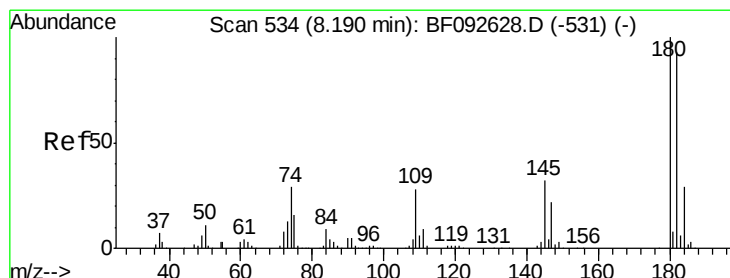
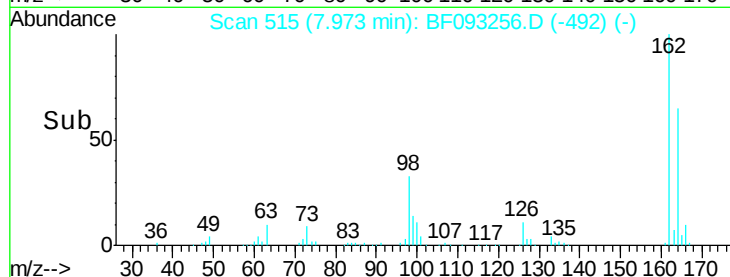
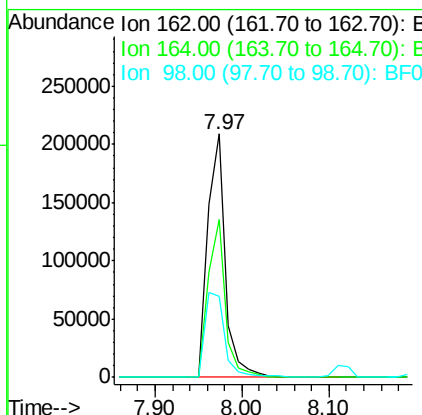
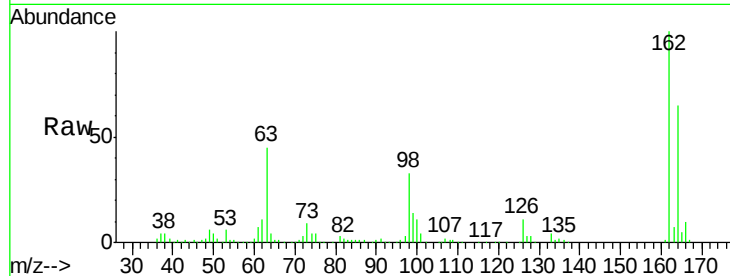
#29
2,4-Dichlorophenol
Concen: 38.23 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	294939		
164	64.8	46.8	86.8	
98	33.1	9.1	49.1	

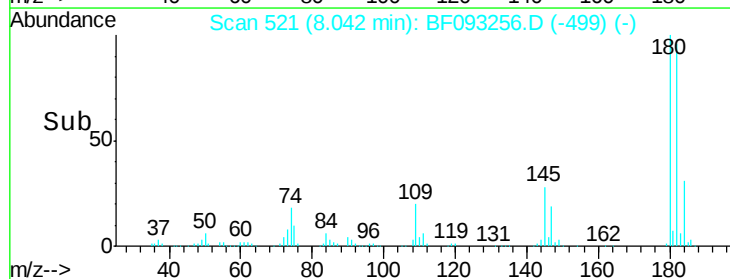
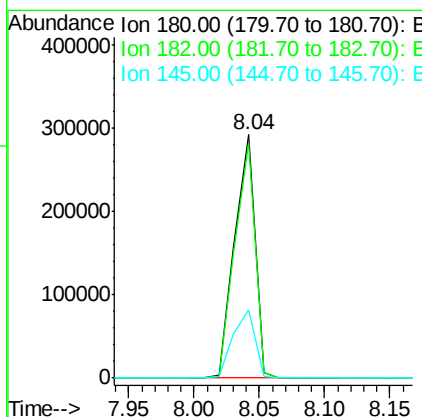
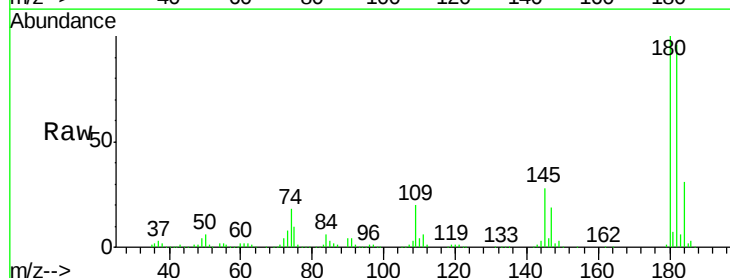
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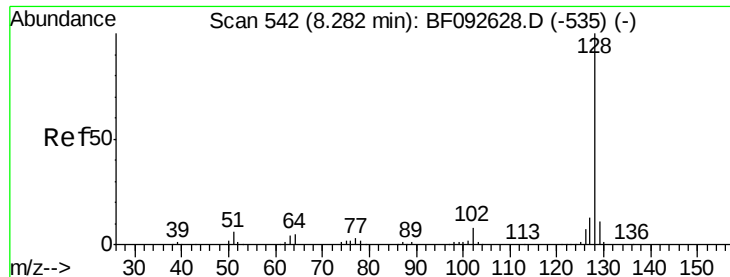
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#30
1,2,4-Trichlorobenzene
Concen: 37.96 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315560		
182	96.2	78.2	117.4	
145	28.0	21.6	32.4	





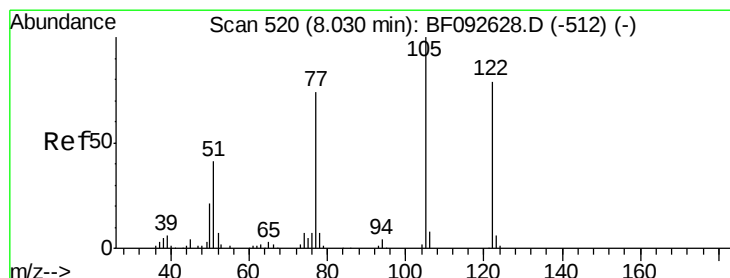
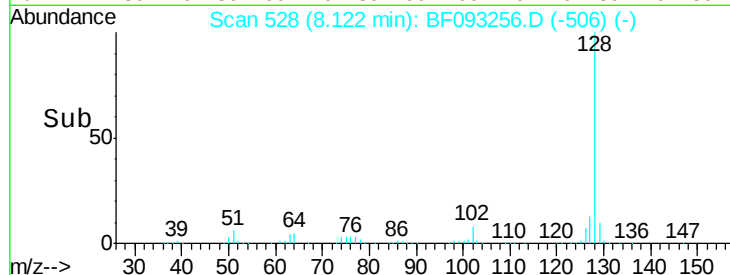
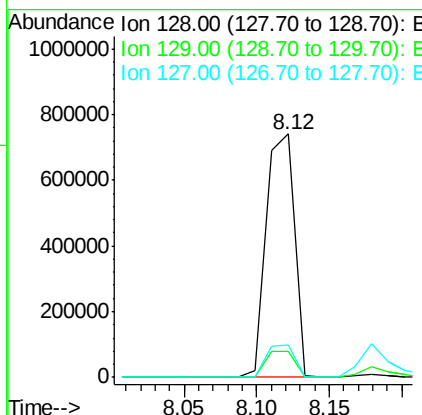
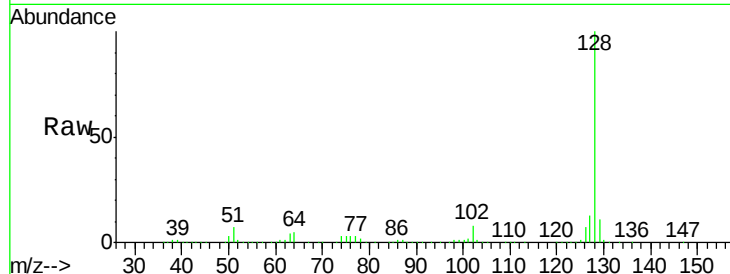
#31
Naphthalene
Concen: 36.88 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion:128 Resp: 1004430
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.3 10.8 16.2

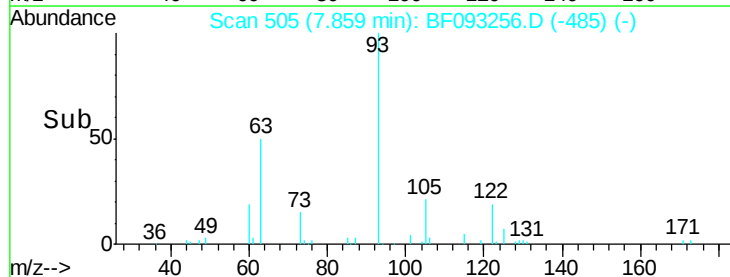
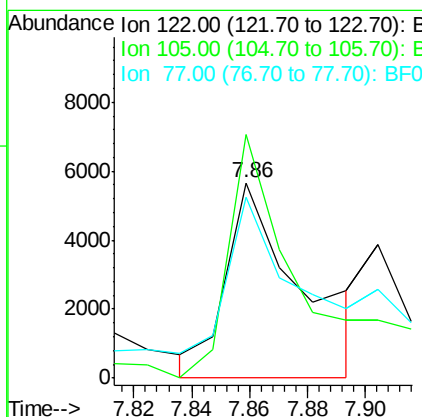
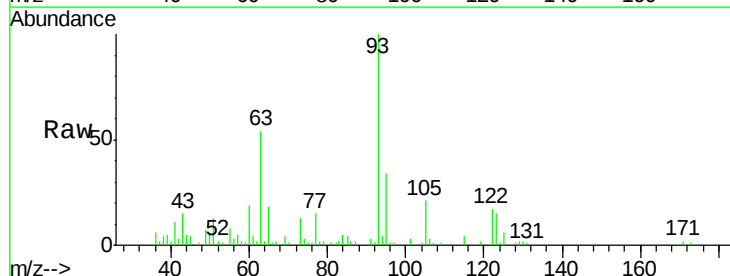
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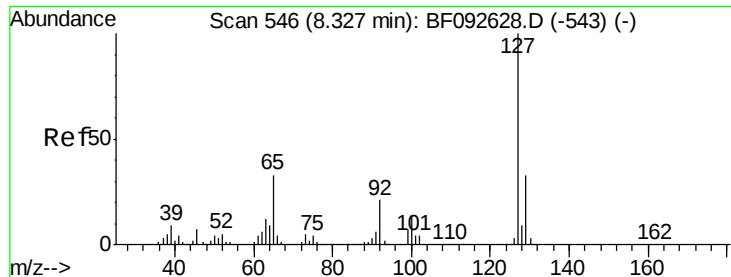
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#32
Benzoic acid
Concen: 9.01 ng m
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:122 Resp: 10173
Ion Ratio Lower Upper
122 100
105 124.5 107.2 147.2
77 92.2 74.5 114.5





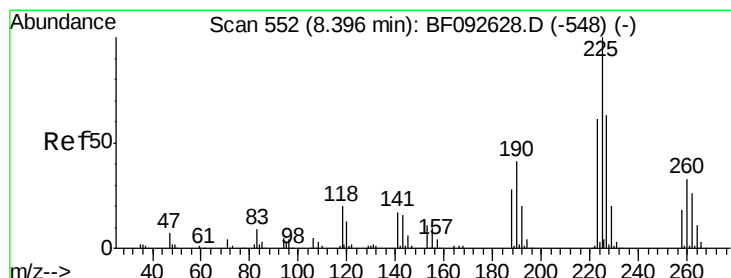
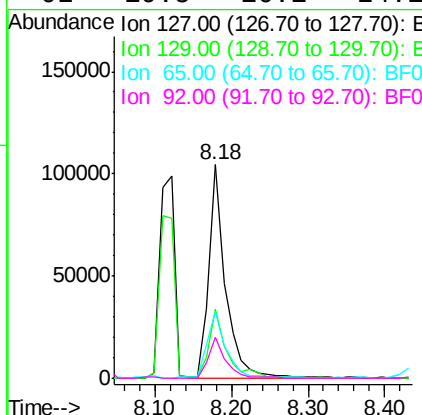
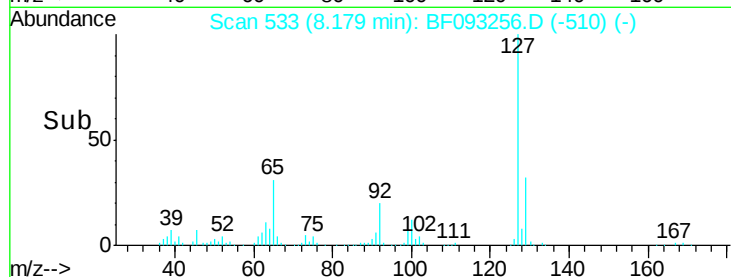
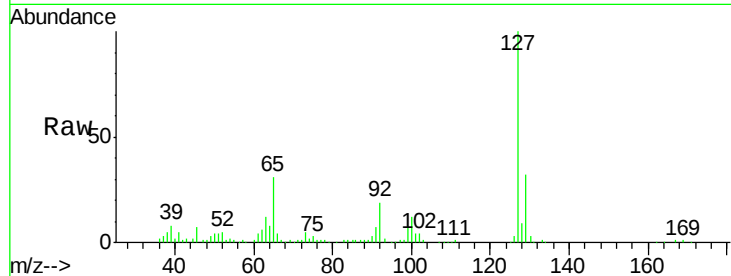
#33
4-Chloroaniline
Concen: 14.80 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	158075		
129	32.3	26.3	39.5	
65	31.0	25.8	38.8	
92	19.5	16.1	24.1	

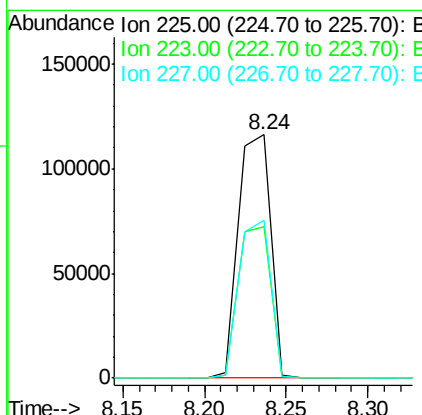
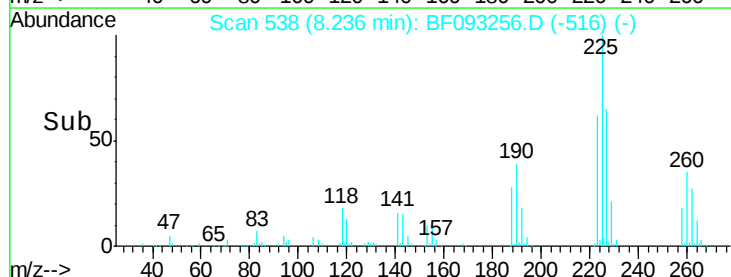
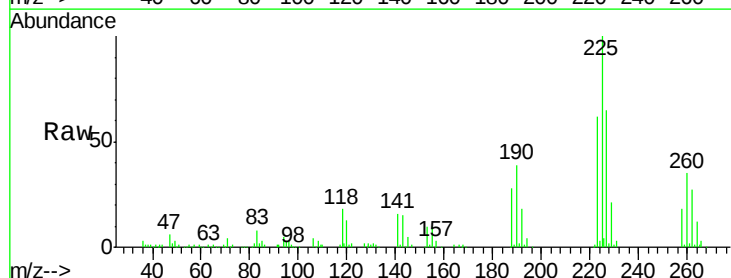
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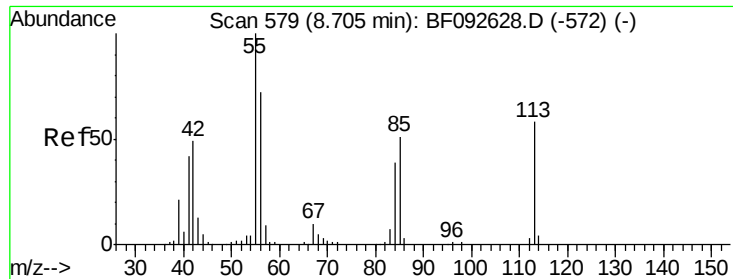
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#34
Hexachlorobutadiene
Concen: 34.70 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158685		
223	62.1	51.0	76.6	
227	65.0	50.6	76.0	





#35

Caprolactam

Concen: 36.88 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

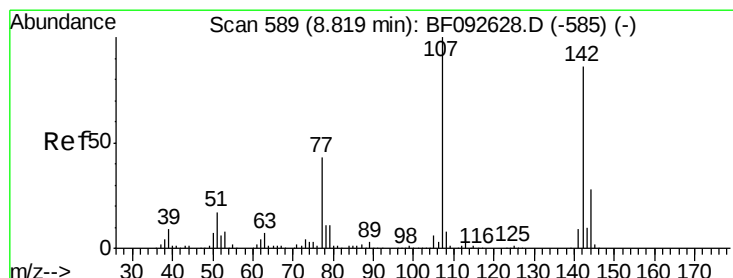
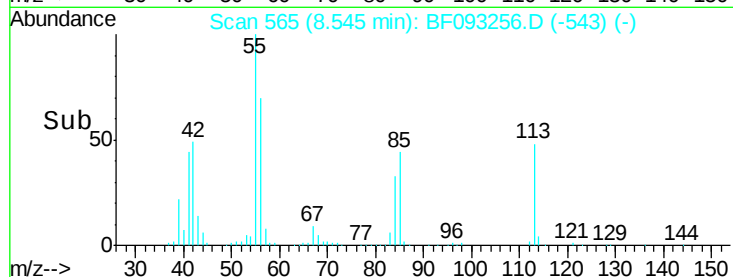
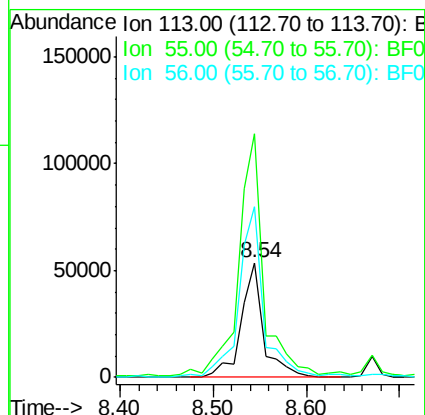
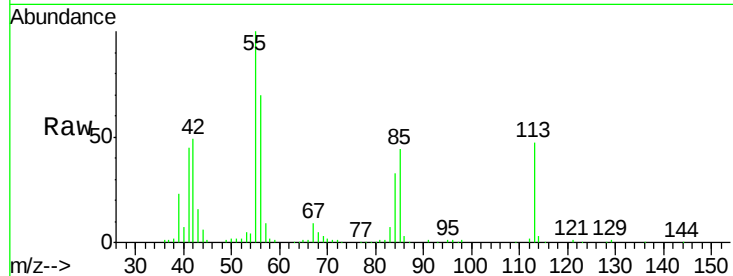
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:113 Resp: 89496
 Ion Ratio Lower Upper
 113 100
 55 211.9 119.2 159.2#
 56 148.7 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 35.75 ng

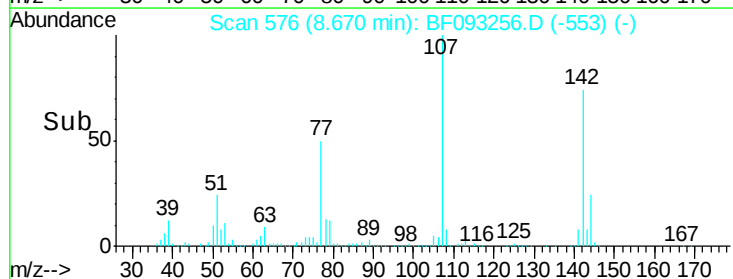
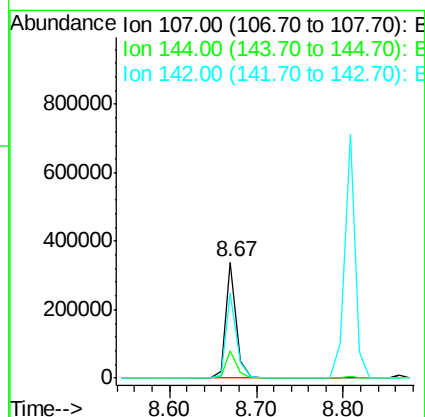
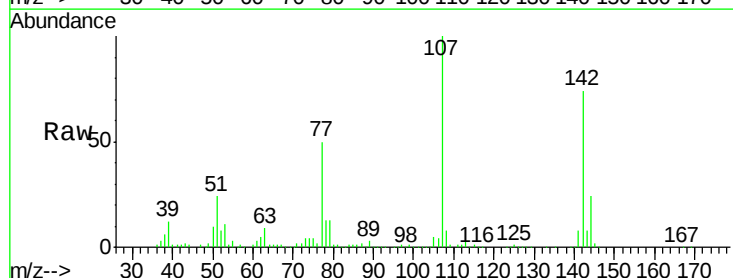
RT: 8.67 min Scan# 576

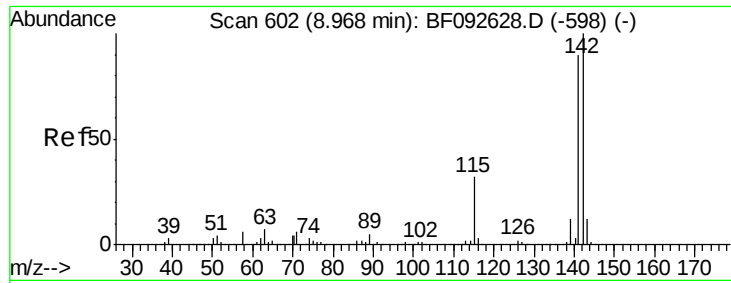
Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:107 Resp: 287496
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 73.8 59.0 88.6





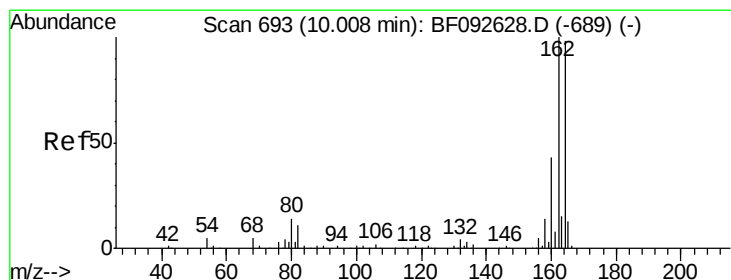
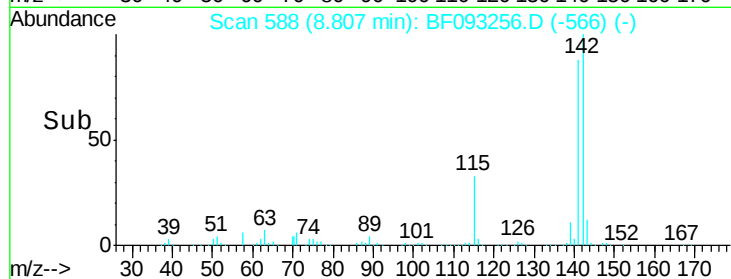
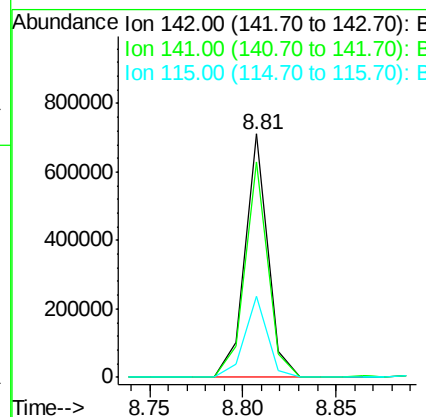
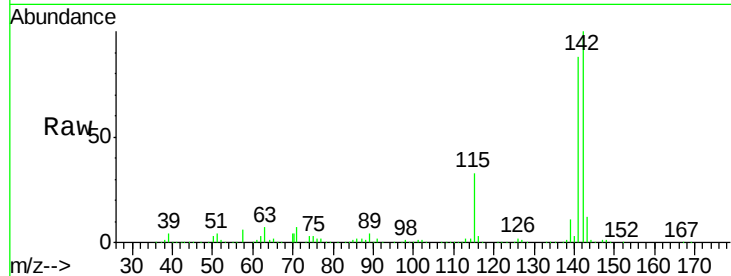
#37
2-Methylnaphthalene
Concen: 34.99 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	611832		
141	88.4	71.0	106.6	
115	33.1	28.3	42.5	

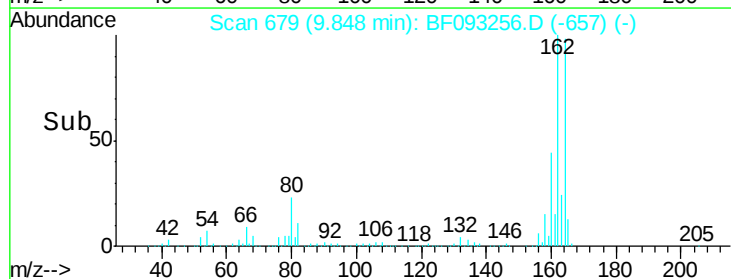
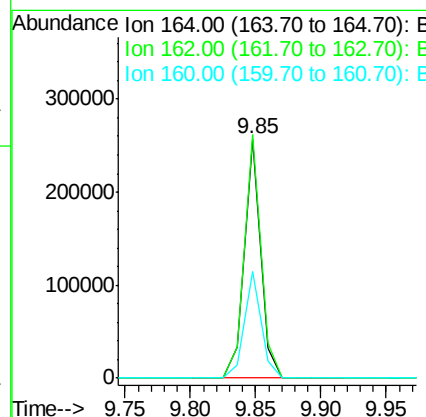
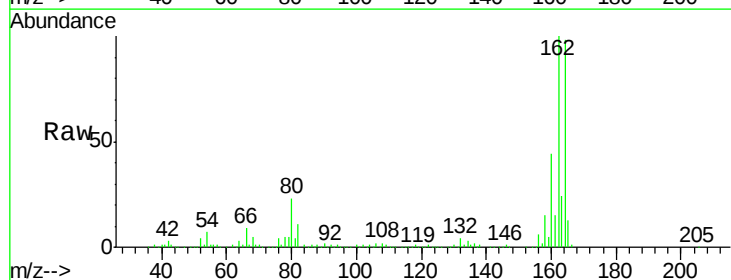
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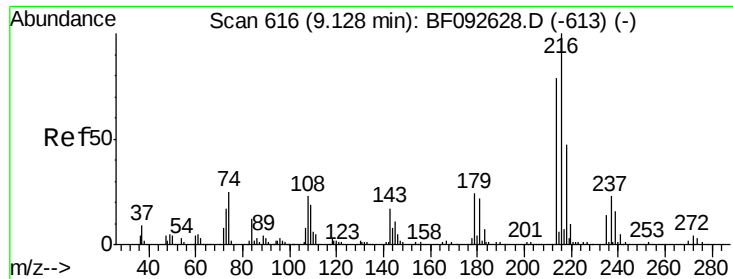
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	221856		
162	101.9	80.2	120.2	
160	44.6	36.9	55.3	





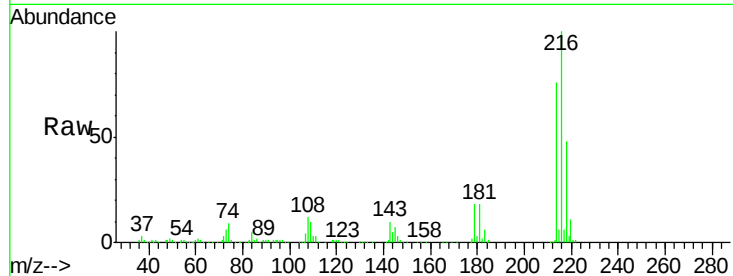
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.44 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

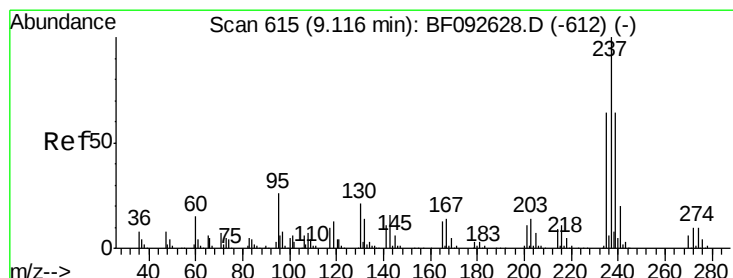
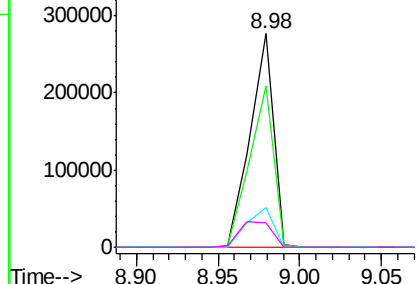
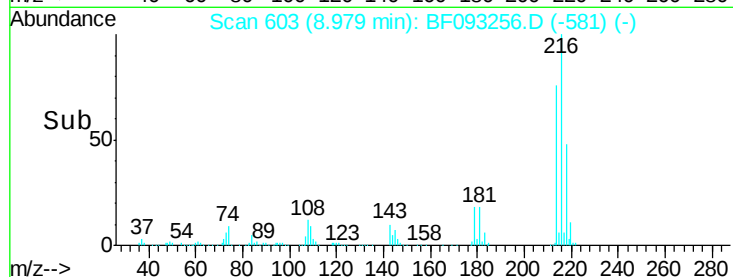
Tgt Ion:	216	Resp:	276745
Ion Ratio	Lower	Upper	
216	100		
214	77.5	63.4	95.0
179	20.6	17.4	26.2
108	17.0	15.6	23.4

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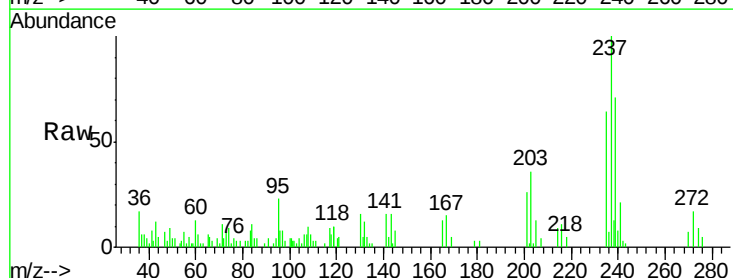


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

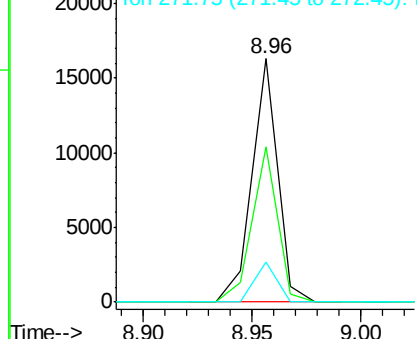
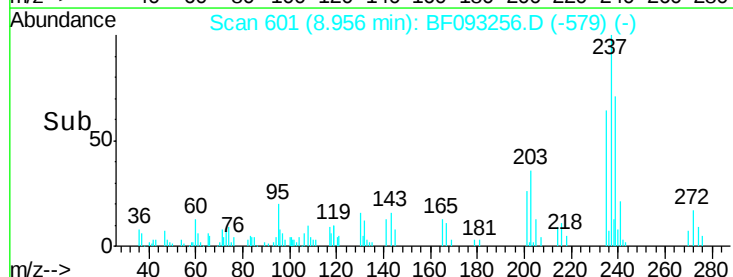


#40
 Hexachlorocyclopentadiene
 Concen: 4.75 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion:	237	Resp:	13345
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.2	81.2
272	16.7	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





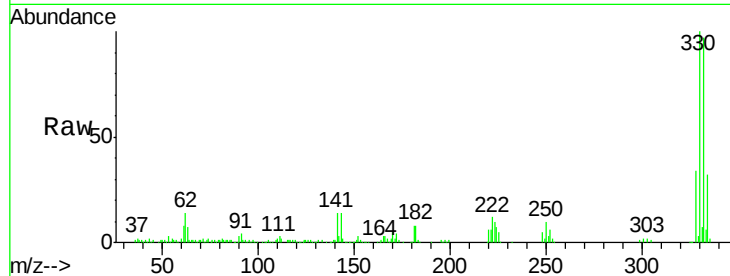
#41
 2,4,6-Tribromophenol
 Concen: 120.67 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

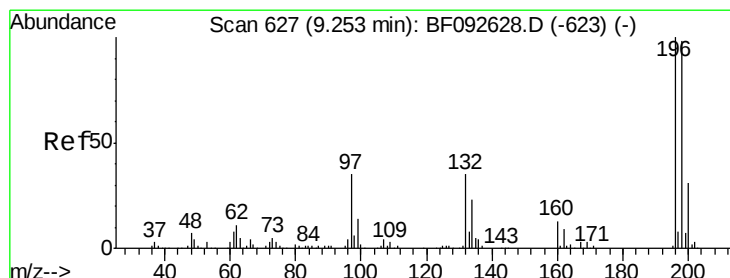
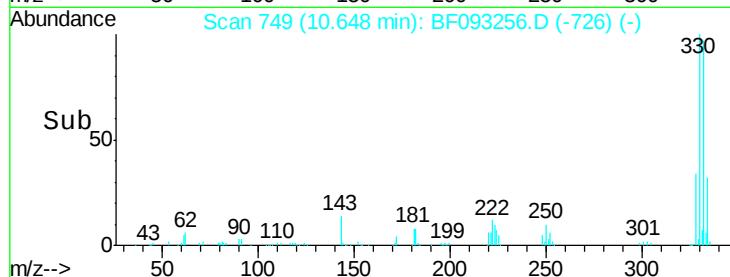
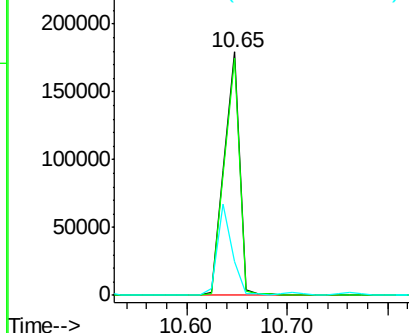
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	193634		
332	96.6	77.4	116.2	
141	35.7	34.1	51.1	

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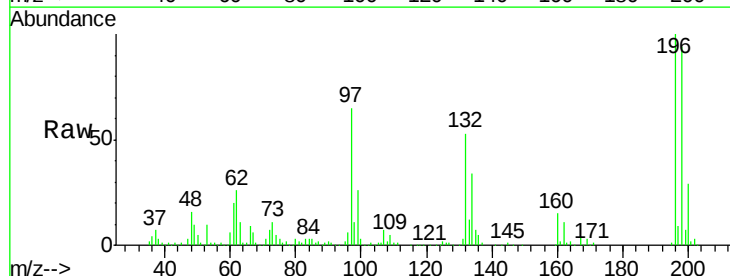


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

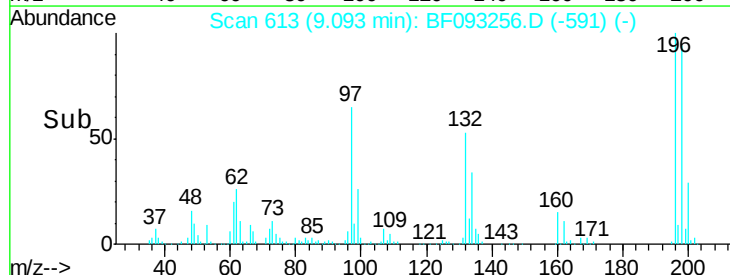
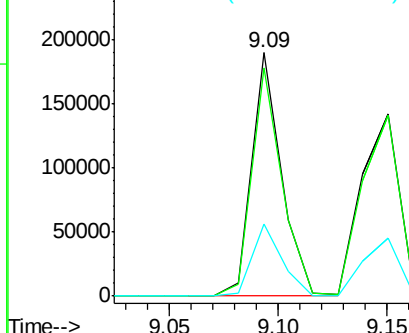


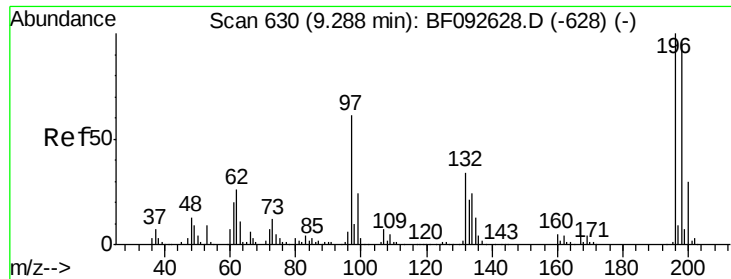
#42
 2,4,6-Trichlorophenol
 Concen: 44.11 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180494		
198	93.8	82.1	123.1	
200	29.4	27.0	40.4	



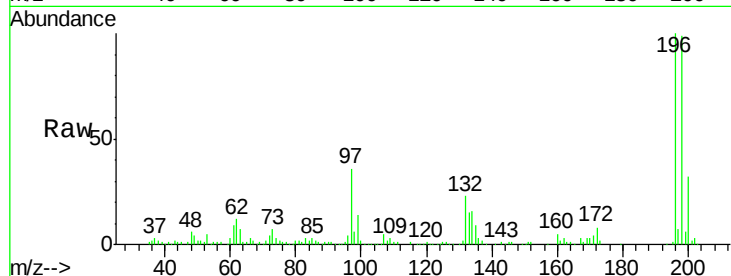
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

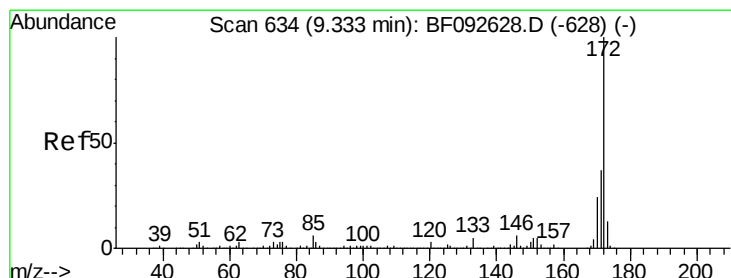
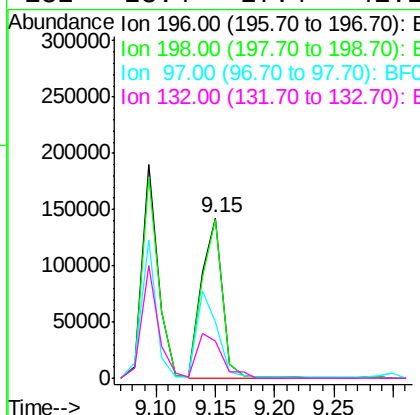
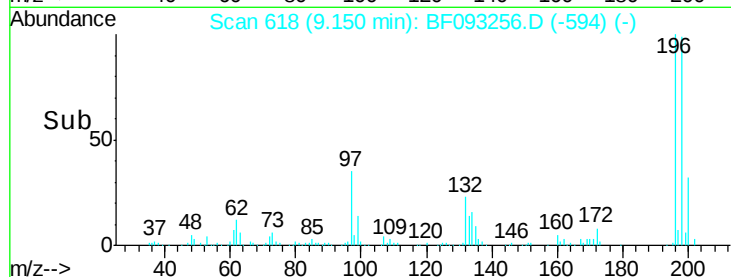
Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD



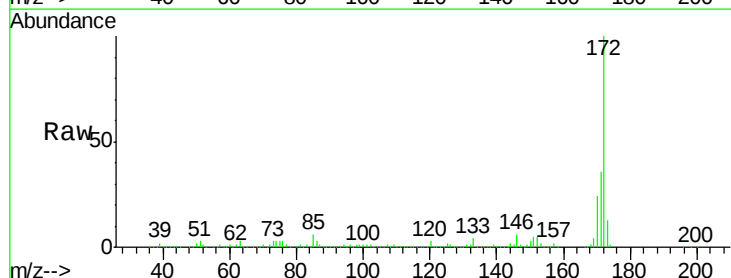
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175883		
198	98.7	79.4	119.2	
97	35.5	51.5	77.3	
132	23.4	27.4	41.2	

Manual Integrations
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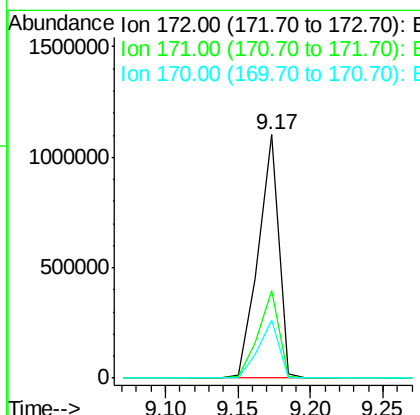
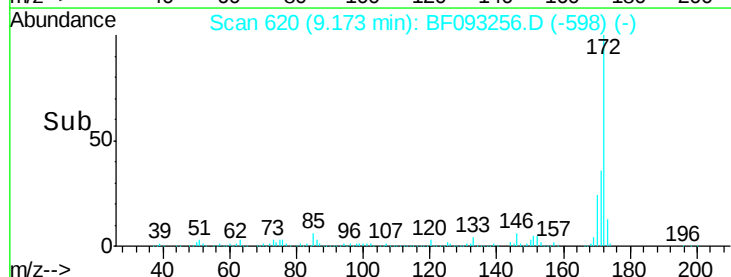
mohammad
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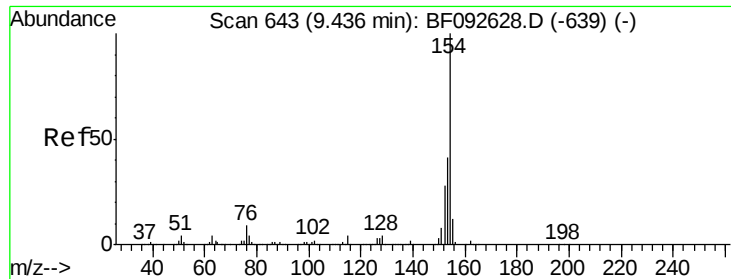


#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1084784		
171	35.7	29.4	44.0	
170	23.7	20.2	30.4	





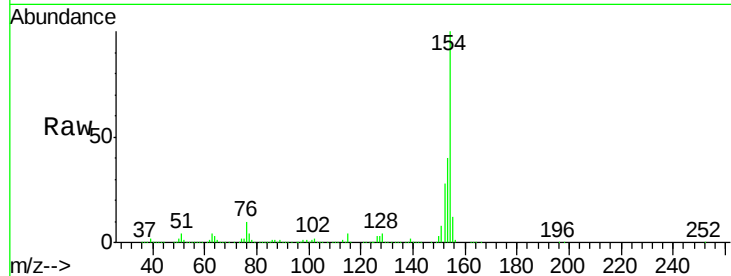
#45
1,1'-Biphenyl
Concen: 45.15 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

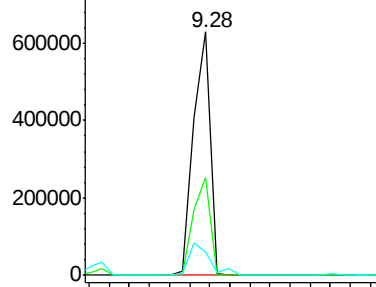
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	9.7	0.0	30.5

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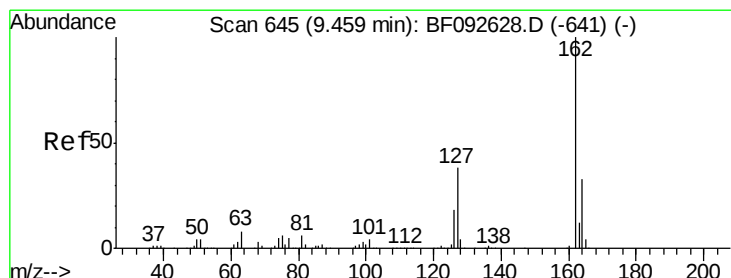
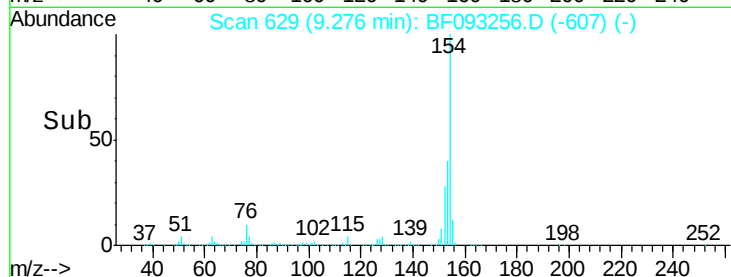
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

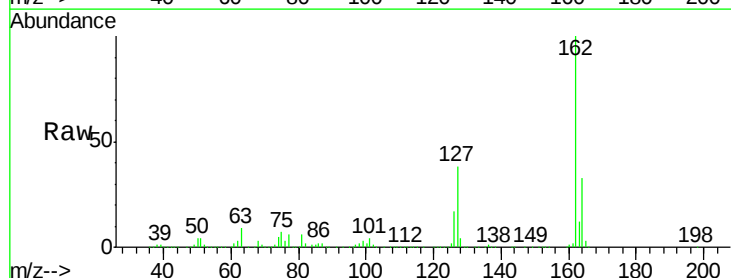


Time-->

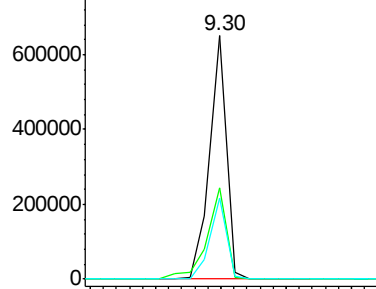


#46
2-Chloronaphthalene
Concen: 46.08 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

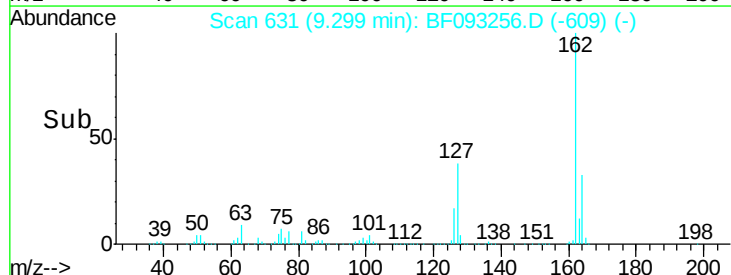
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.7	46.1
164	33.5	27.6	41.4

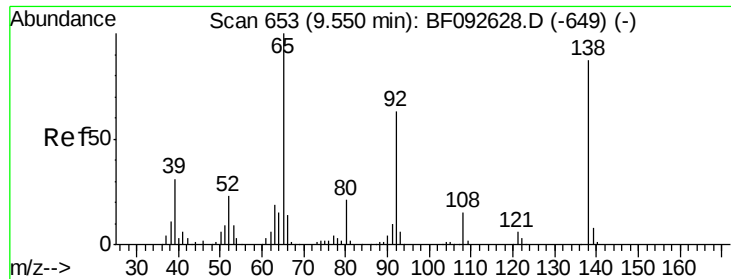


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





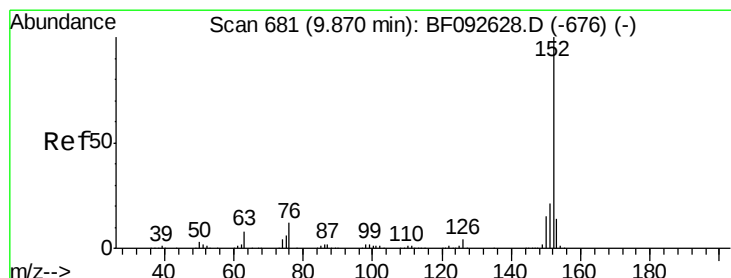
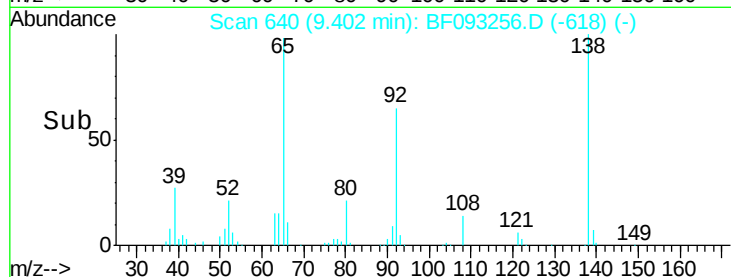
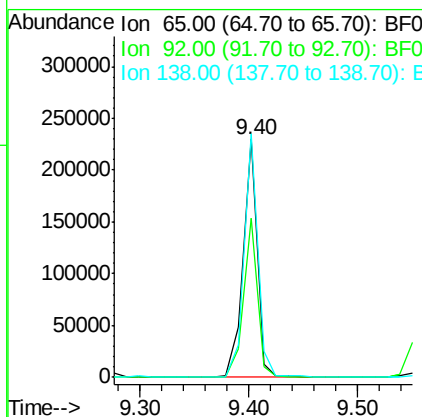
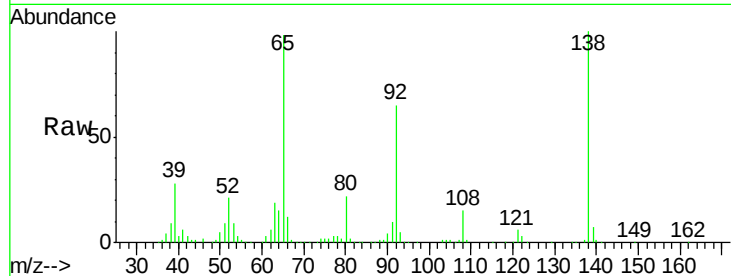
#47
2-Nitroaniline
Concen: 48.67 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	102.1	76.8	115.2

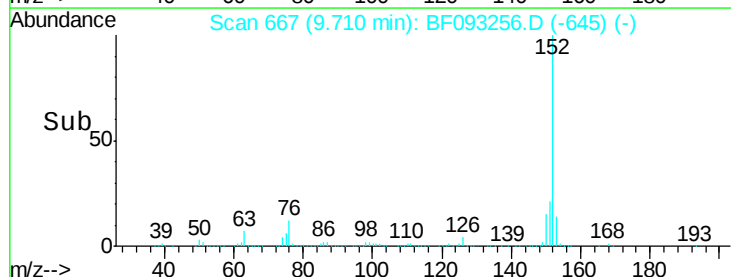
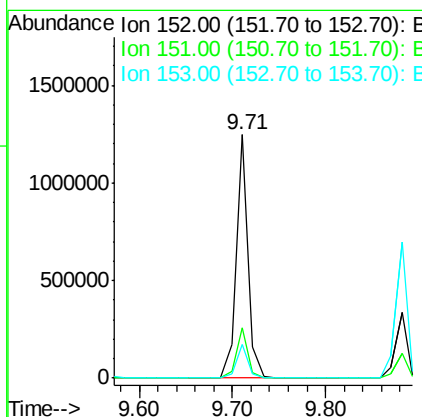
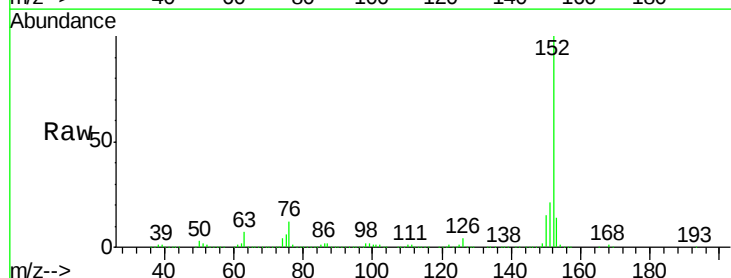
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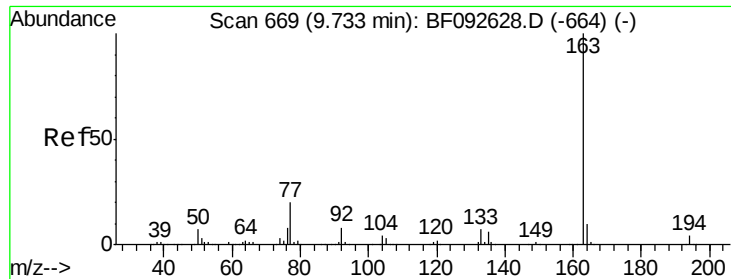
mohammad
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#48
Acenaphthylene
Concen: 50.39 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.4	17.2





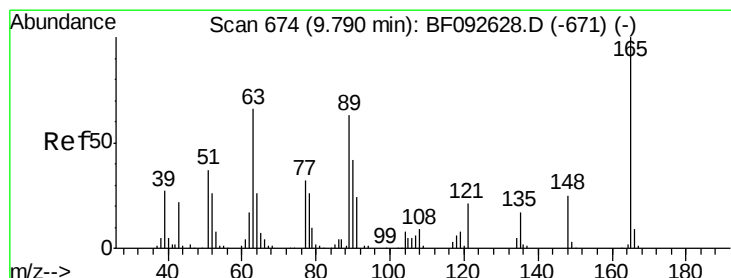
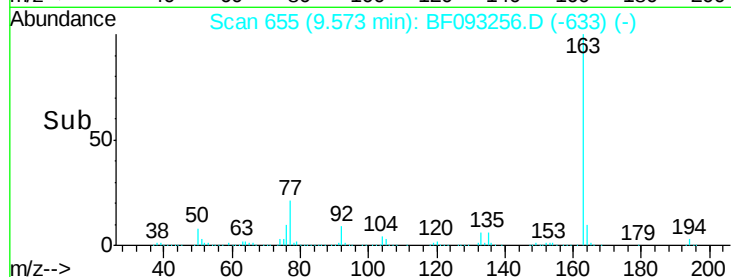
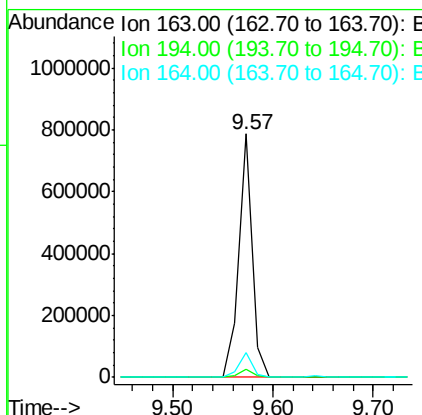
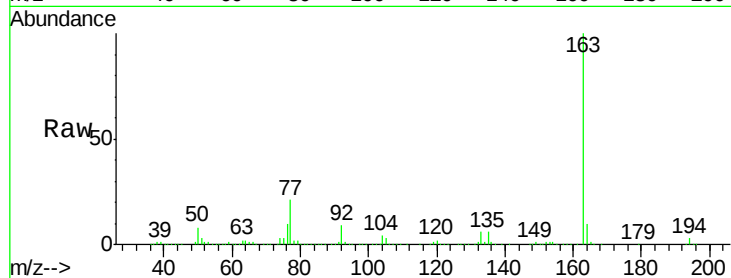
#49
Dimethylphthalate
Concen: 48.91 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	730914		
194	3.4		3.0	4.4
164	10.2		8.0	12.0

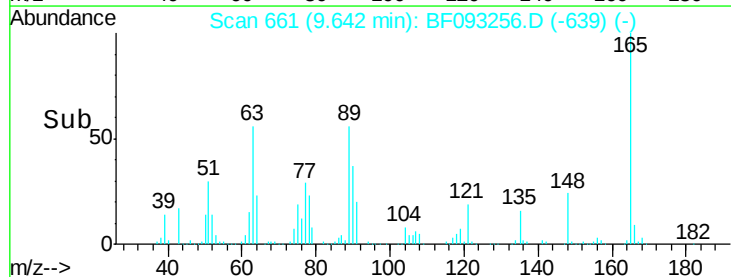
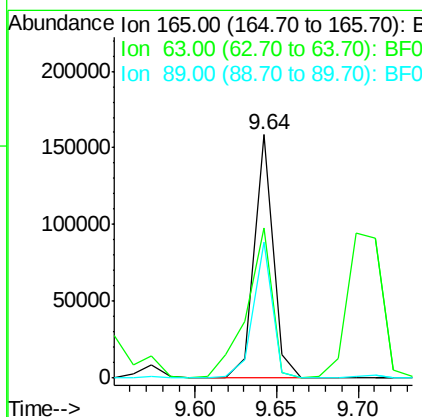
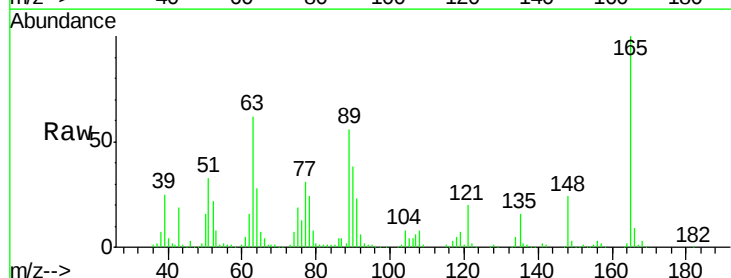
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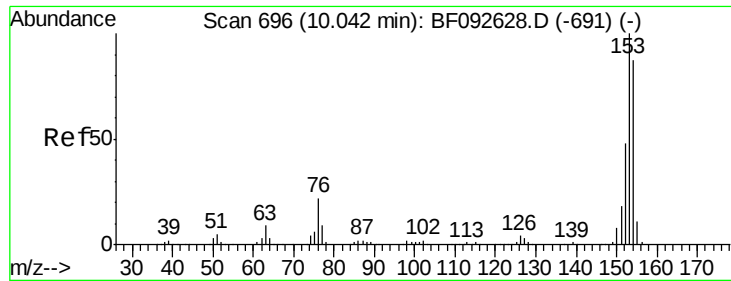
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#50
2,6-Dinitrotoluene
Concen: 39.84 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128563		
63	61.6		36.2	54.4#
89	56.0		40.2	60.4





#51

Acenaphthene

Concen: 39.48 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

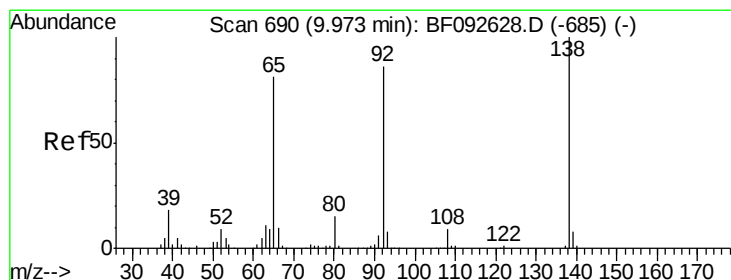
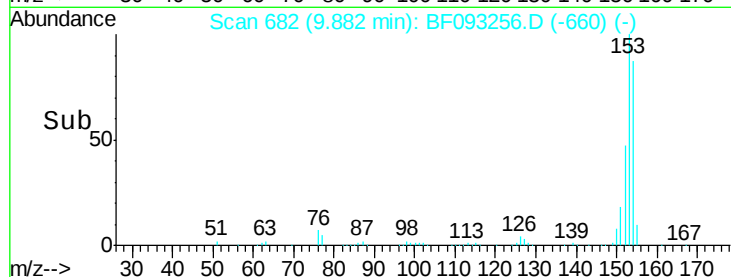
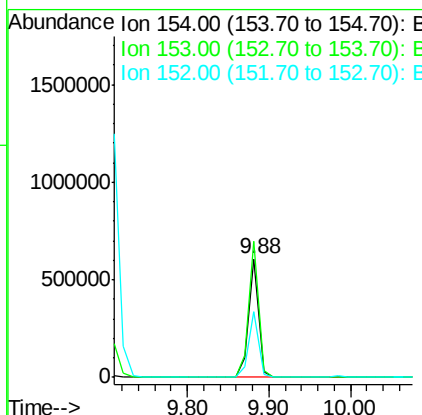
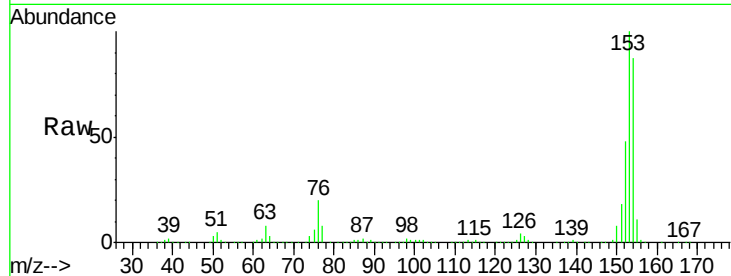
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	54.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 36.72 ng

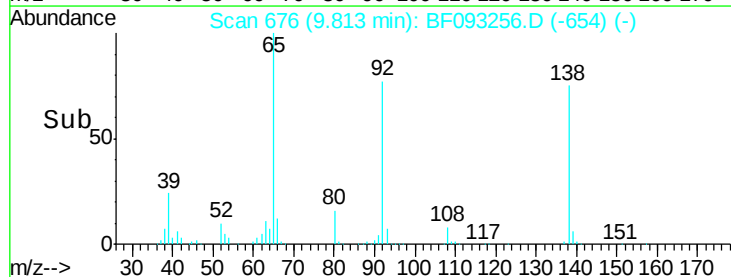
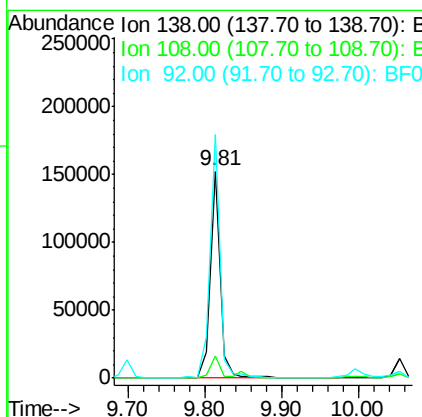
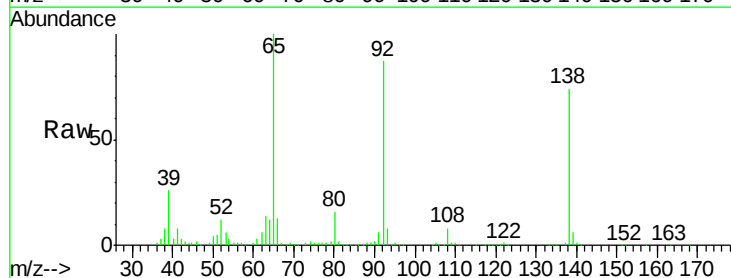
RT: 9.81 min Scan# 676

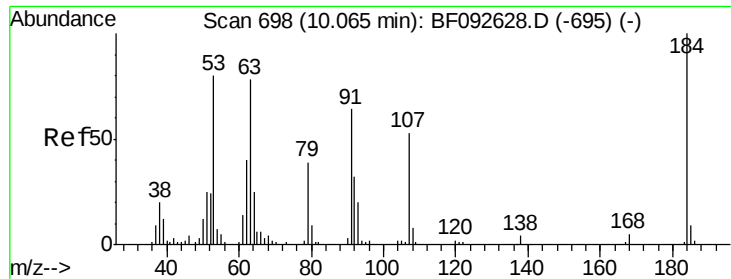
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	117.9	97.8	146.8





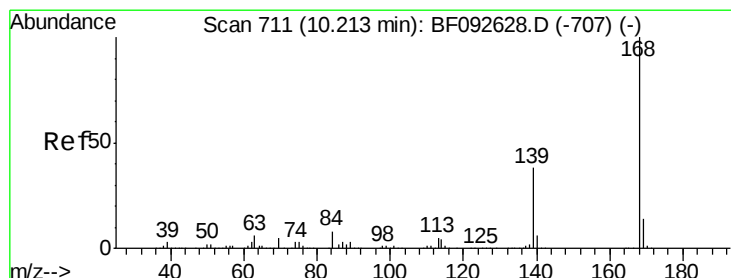
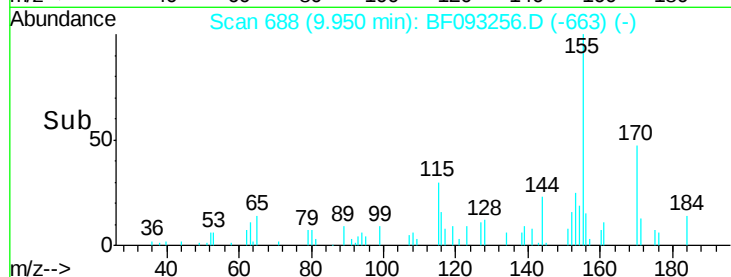
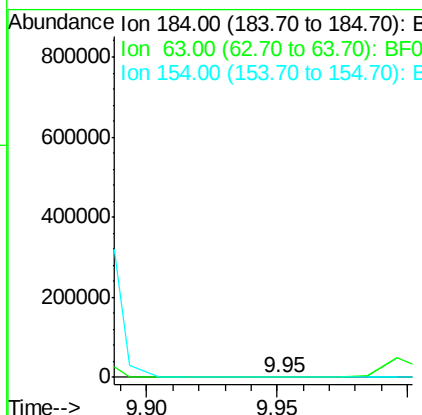
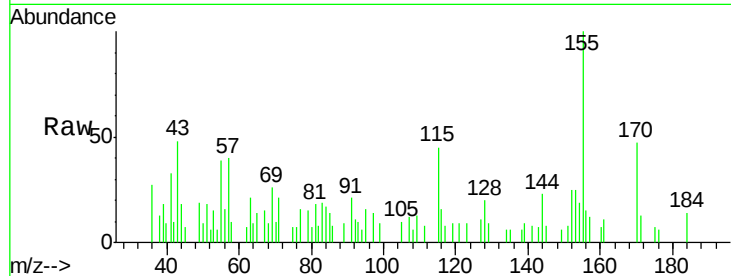
#53
 2,4-Dinitrophenol
 Concen: 5.26 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	913		
63	156.2	28.4	42.6#	
154	140.5	44.3	66.5#	

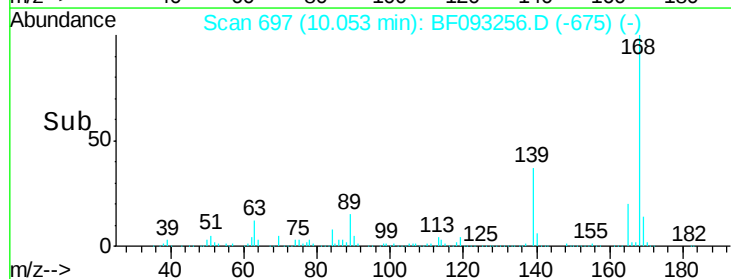
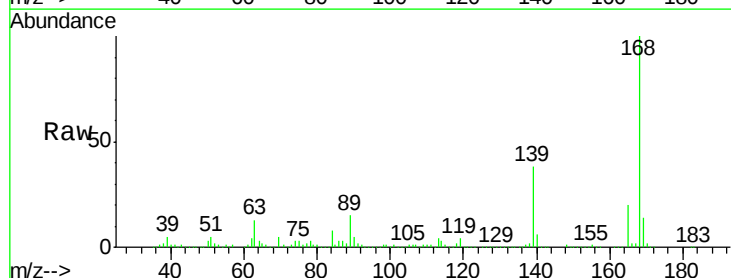
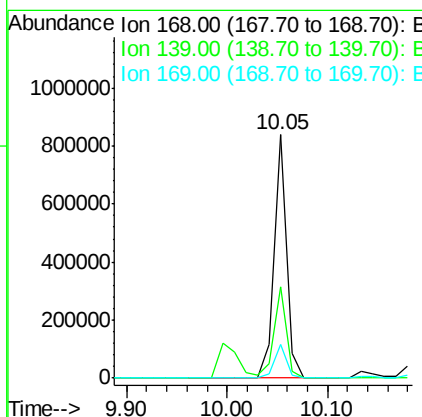
Manual Integrations
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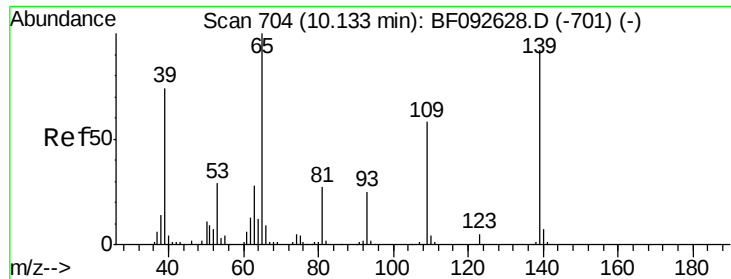
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#54
 Dibenzofuran
 Concen: 41.50 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	720512		
139	37.5	32.6	49.0	
169	13.8	11.3	16.9	





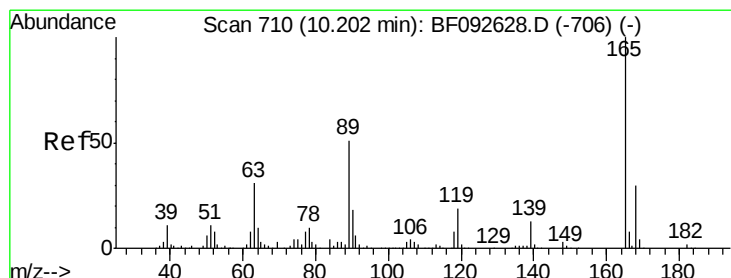
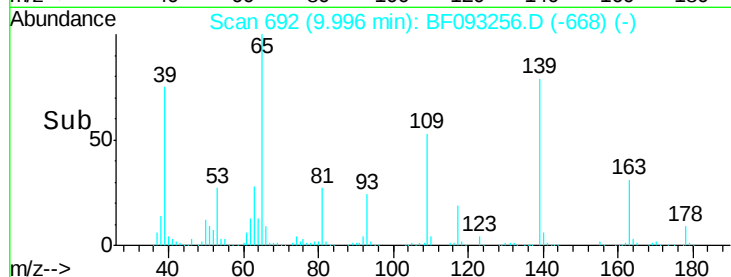
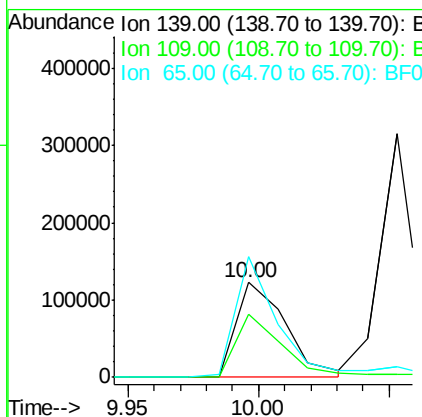
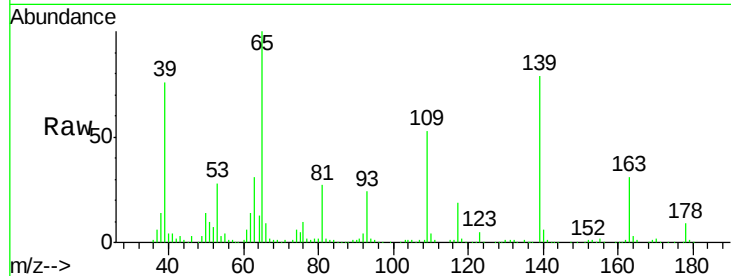
#55
4-Nitrophenol
Concen: 62.02 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	164985		
109	67.2	52.2	92.2	
65	126.7	85.8	125.8	

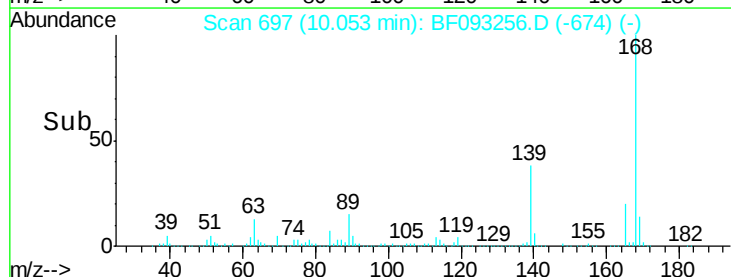
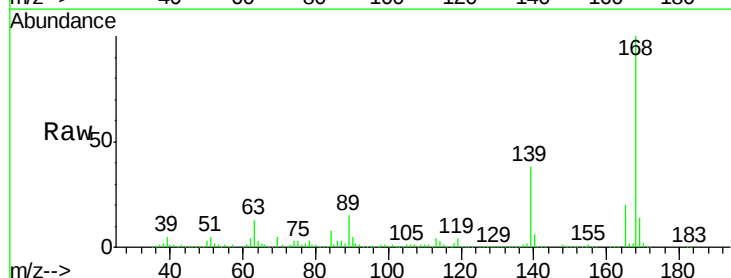
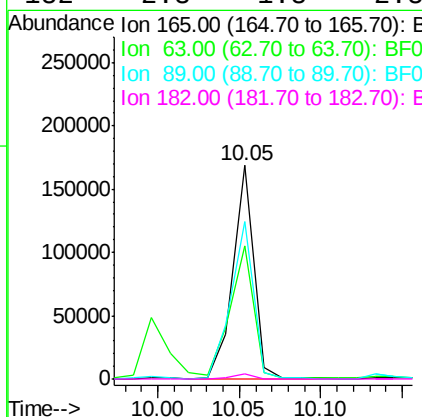
Manual Integrations
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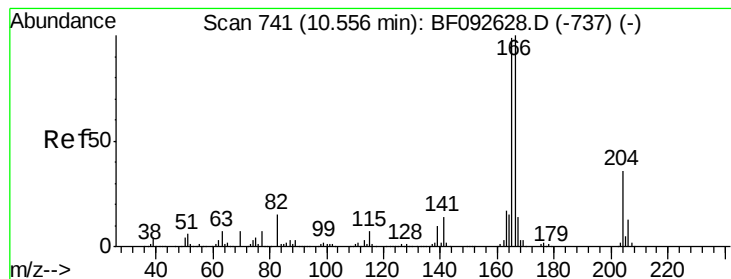
mohammad
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#56
2,4-Dinitrotoluene
Concen: 34.40 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147805		
63	62.6	40.2	60.4	
89	73.7	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 41.89 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

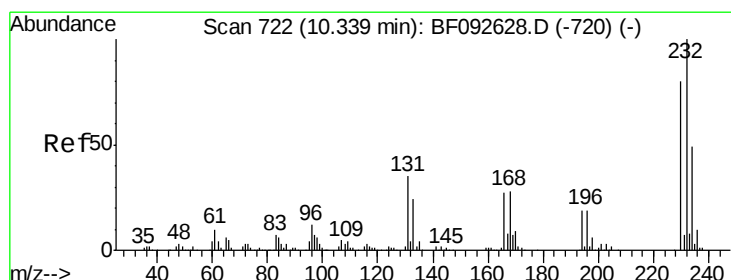
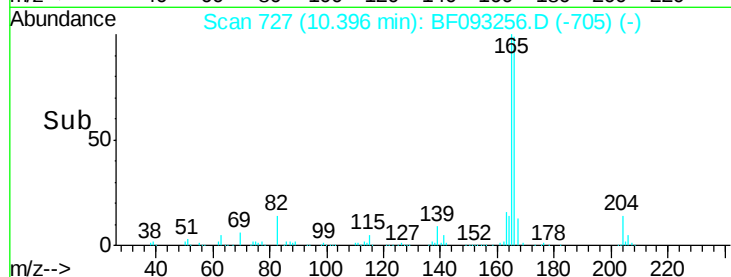
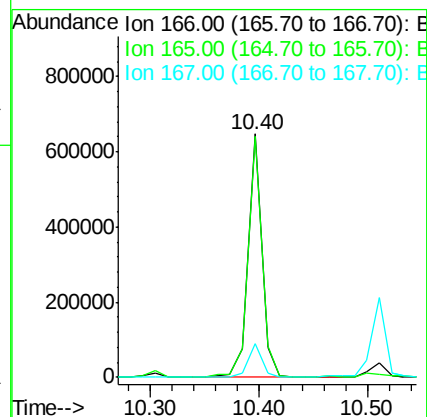
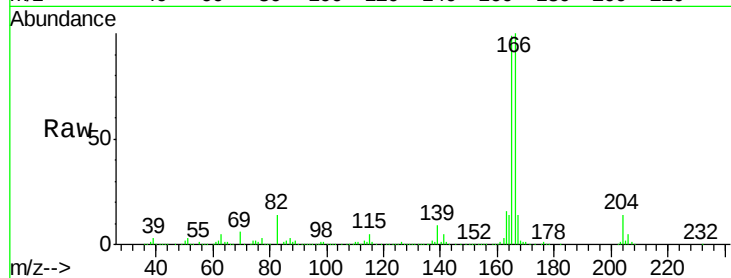
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	166	Resp:	559510
Ion Ratio	Lower	Upper	
166	100		
165	99.1	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.90 ng

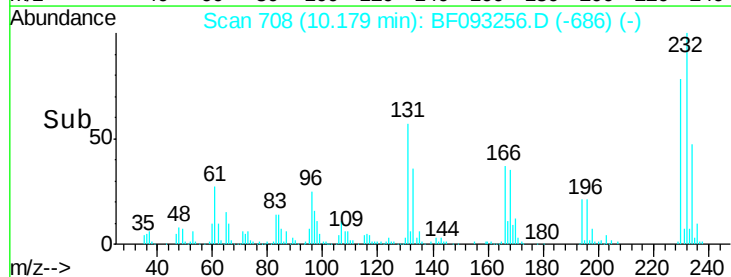
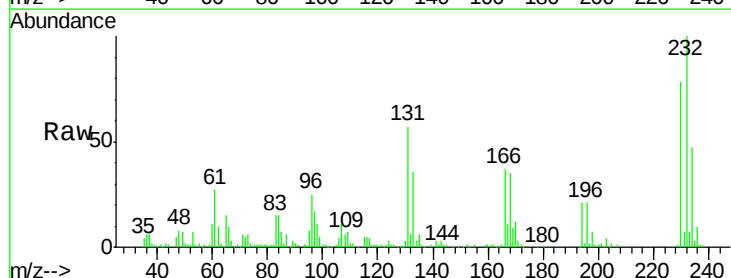
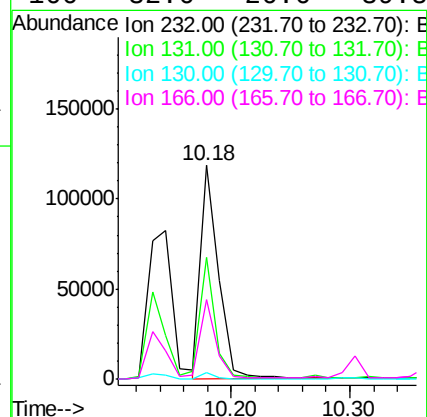
RT: 10.18 min Scan# 708

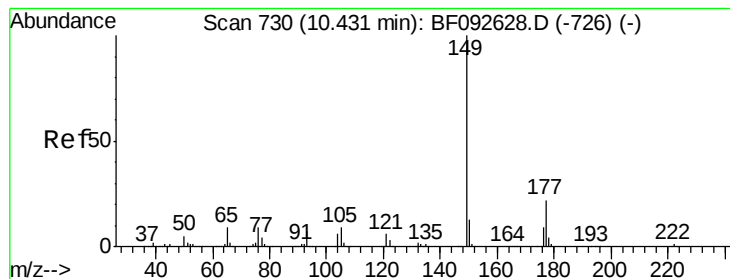
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	232	Resp:	125316
Ion Ratio	Lower	Upper	
232	100		
131	47.9	40.1	60.1
130	2.7	1.8	2.8
166	32.6	26.6	39.8





#59

Diethylphthalate

Concen: 42.30 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

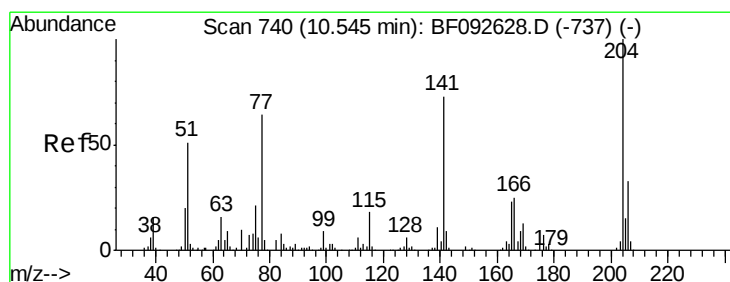
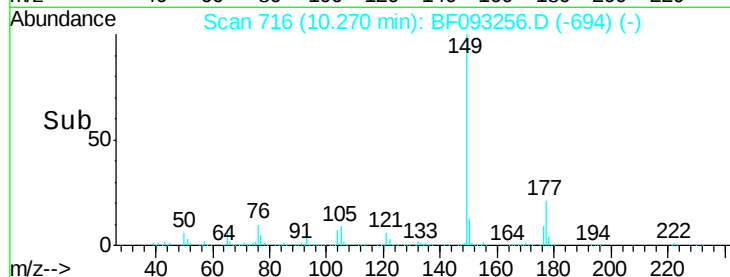
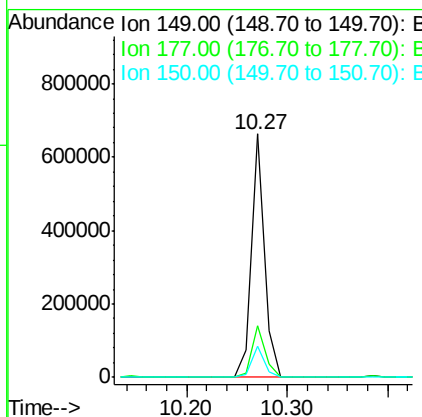
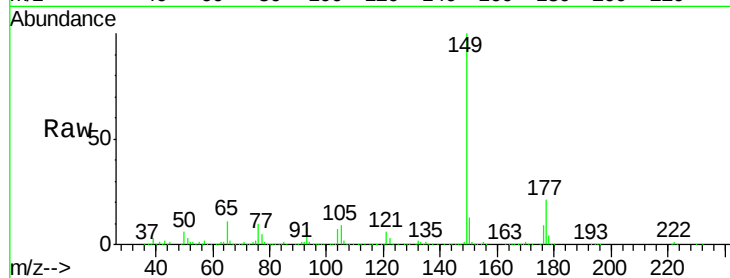
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	149	Resp:	595764
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	12.8	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 36.03 ng

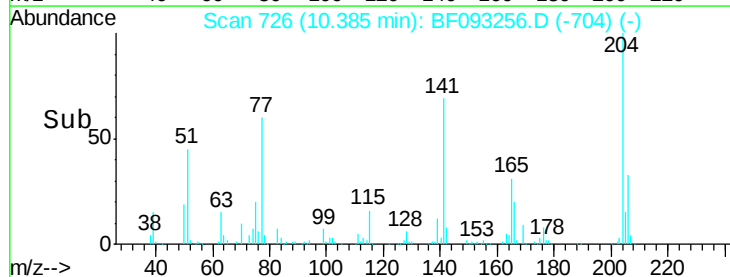
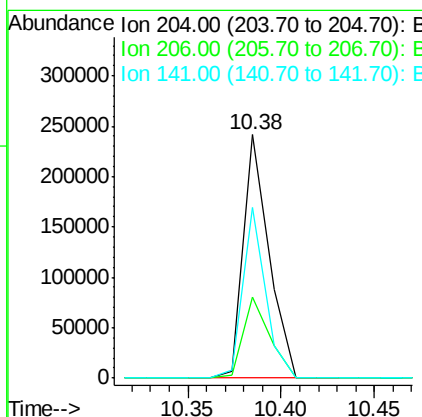
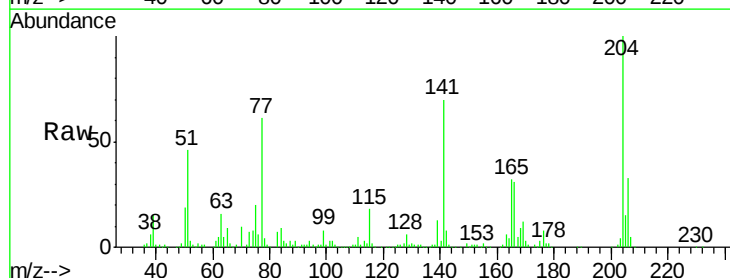
RT: 10.38 min Scan# 726

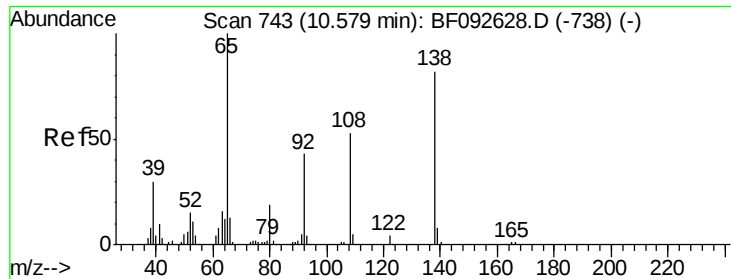
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	204	Resp:	231200
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.8	38.6
141	70.1	59.4	89.0





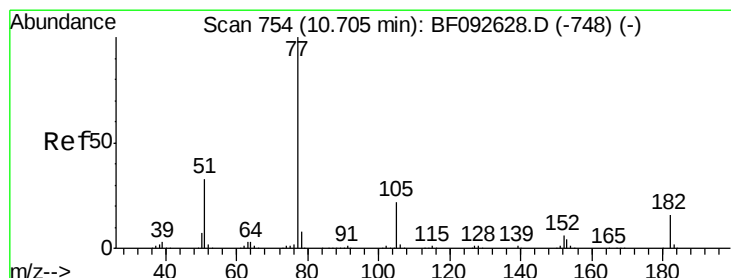
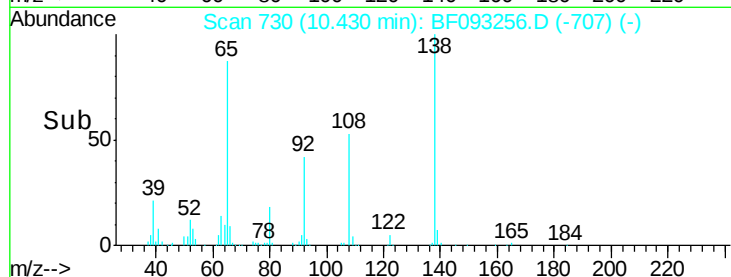
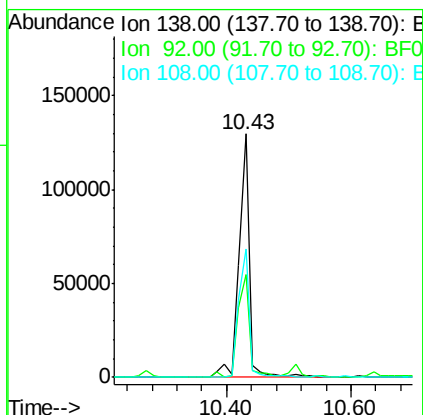
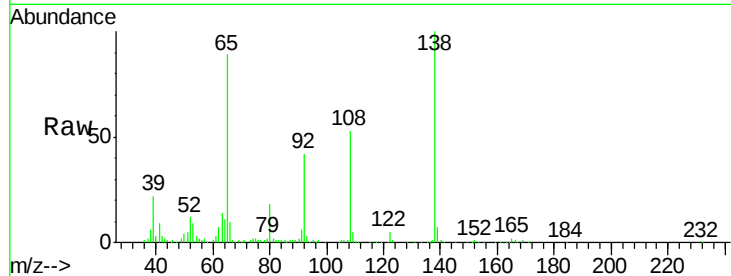
#61
4-Nitroaniline
Concen: 40.03 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	151429		
92	42.5	31.7	71.7	
108	53.0	52.6	92.6	

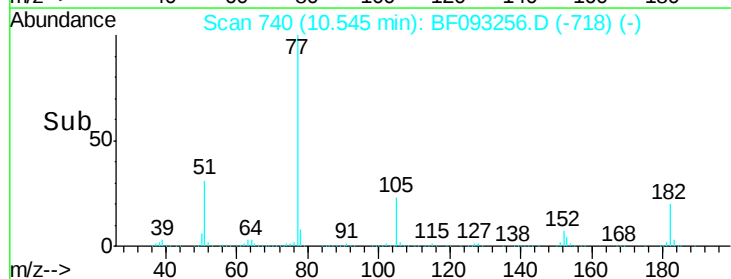
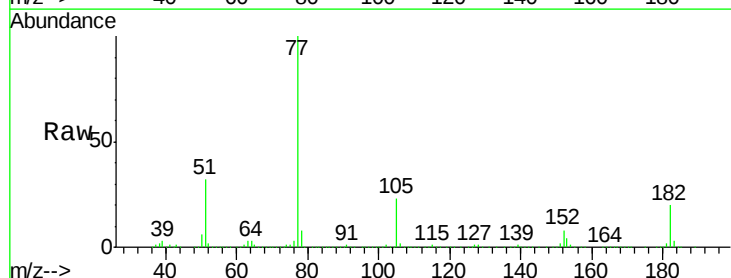
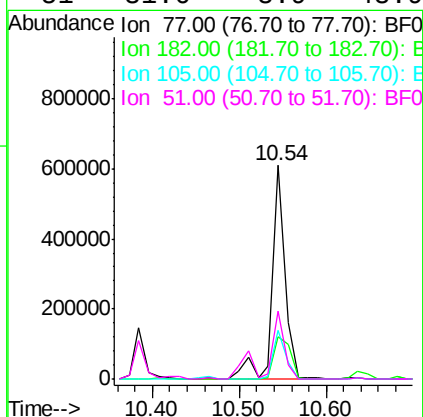
Manual Integrations
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#62
Azobenzene
Concen: 42.19 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	613817		
182	19.6	0.0	39.3	
105	23.0	2.3	42.3	
51	31.6	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

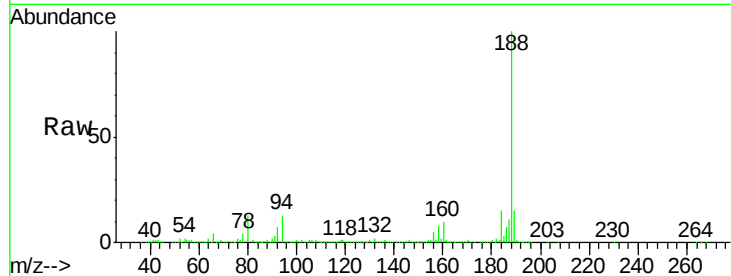
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	188	Resp:	353310
Ion Ratio	Lower	Upper	
188	100		
94	12.6	10.0	15.0
80	13.3	11.2	16.8

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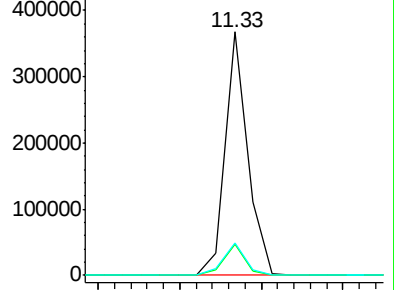
mohammad
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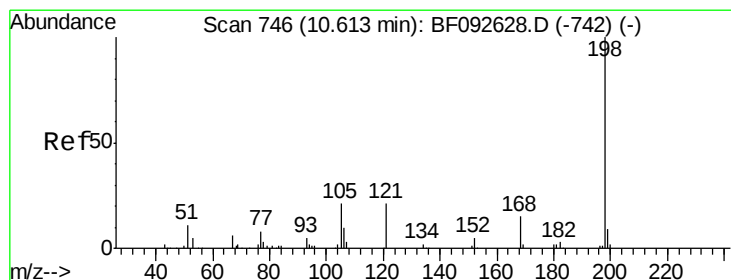
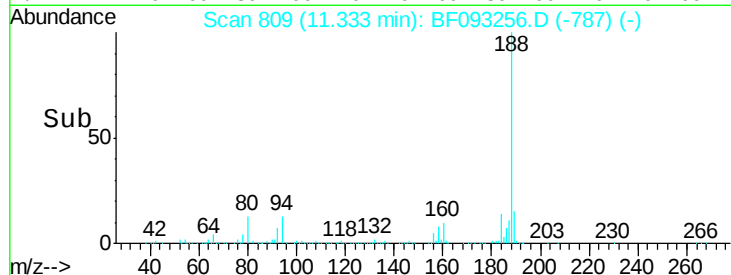
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 4.62 ng

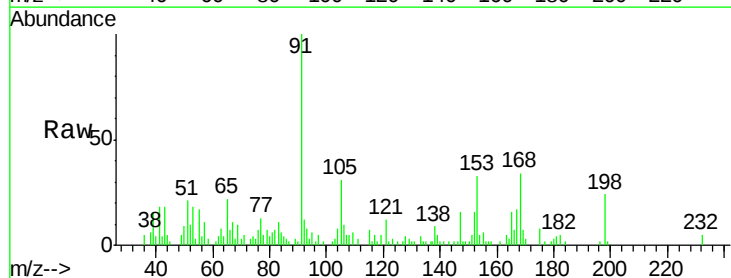
RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

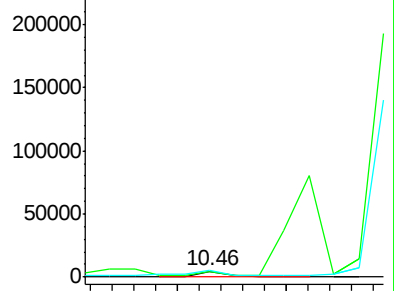
Tgt Ion:	198	Resp:	4447
Ion Ratio	Lower	Upper	
198	100		
51	89.2	6.7	46.7#
105	131.8	16.6	56.6#



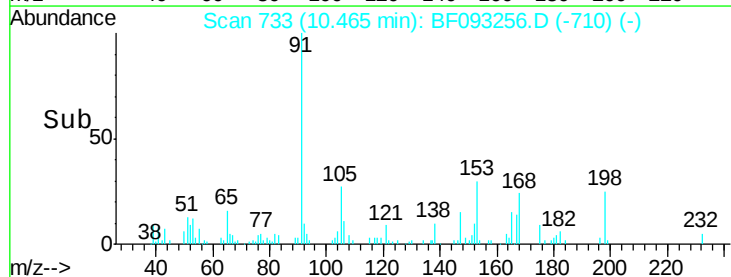
Abundance Ion 198.00 (197.70 to 198.70): E

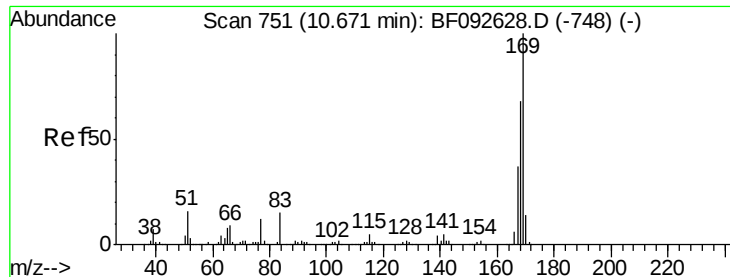
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 43.84 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

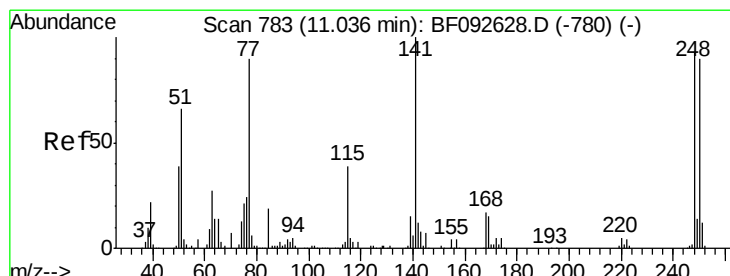
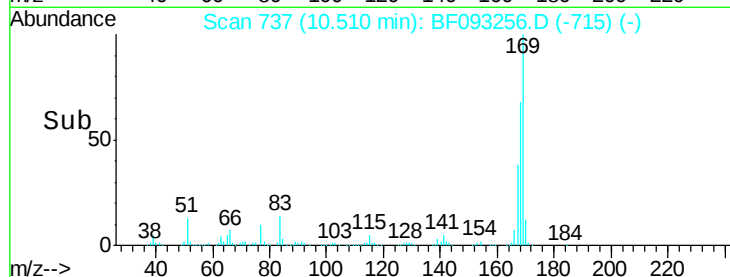
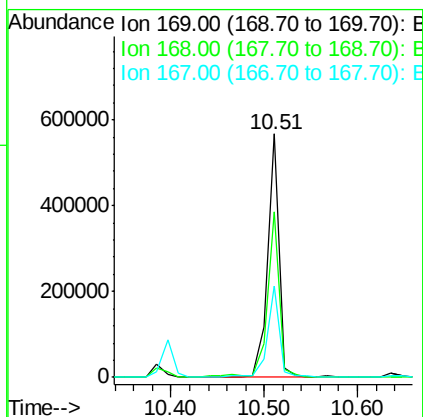
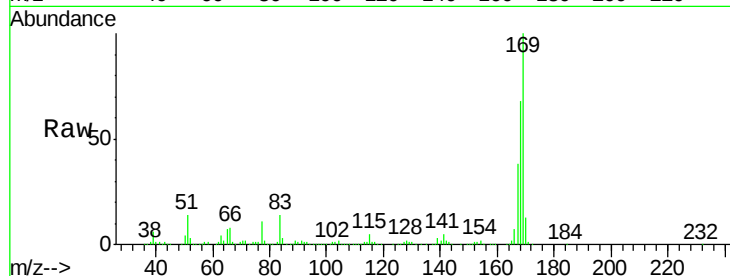
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	169	Resp:	494749
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.2
167	37.6	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 37.54 ng

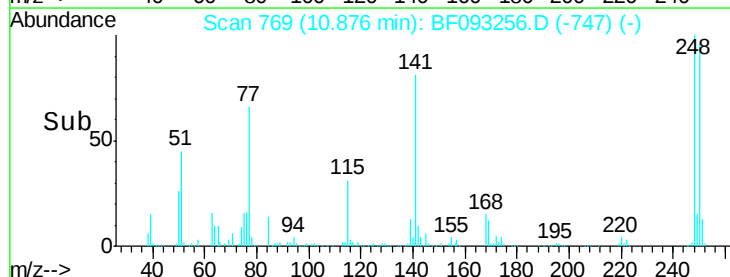
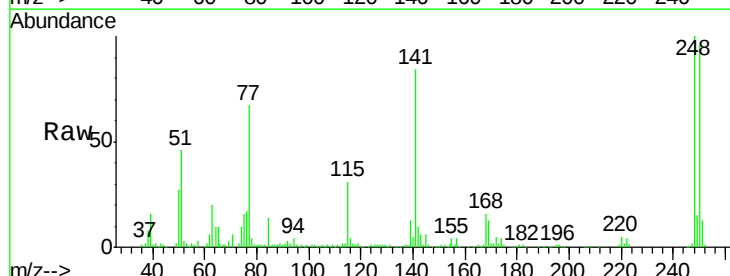
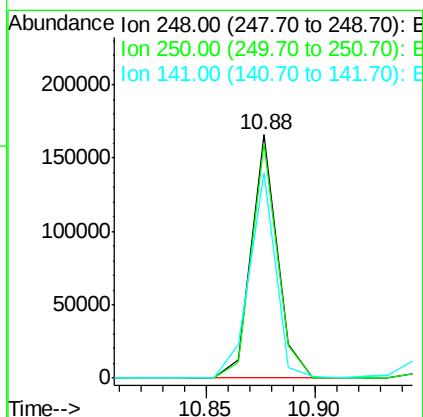
RT: 10.88 min Scan# 769

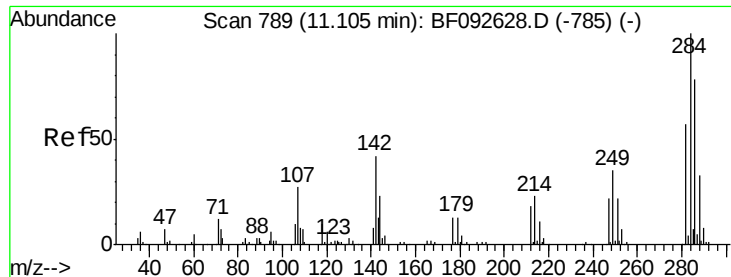
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	248	Resp:	138555
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	84.2	68.2	102.4





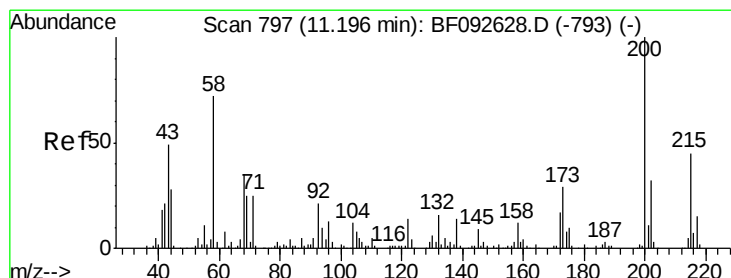
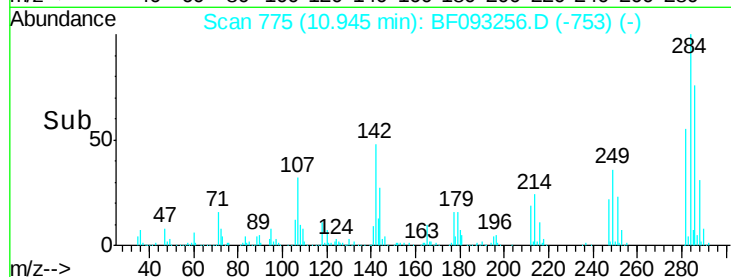
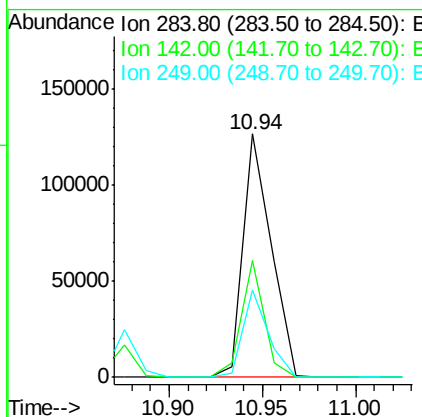
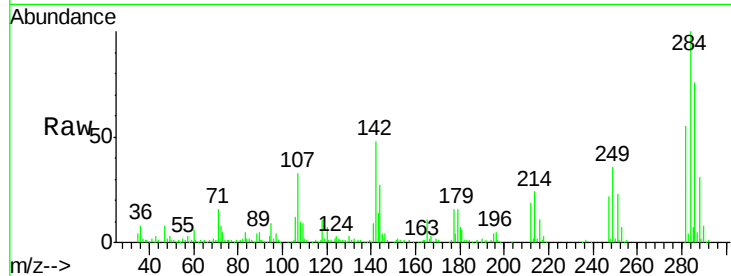
#67
Hexachlorobenzene
Concen: 36.33 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	47.9	22.6	33.8#
249	35.8	25.4	38.0

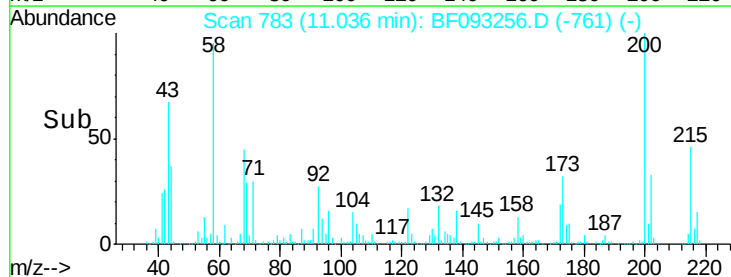
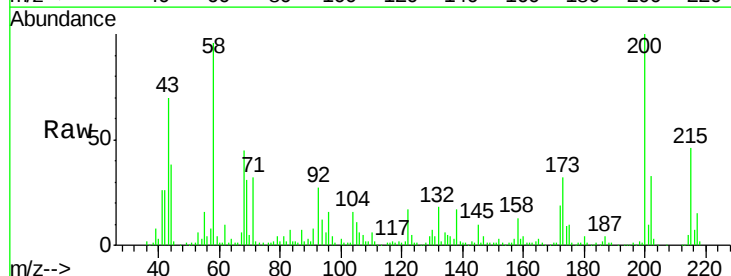
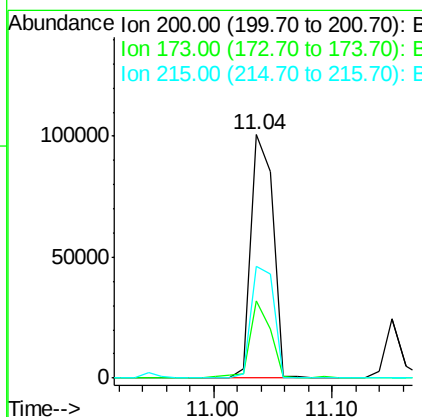
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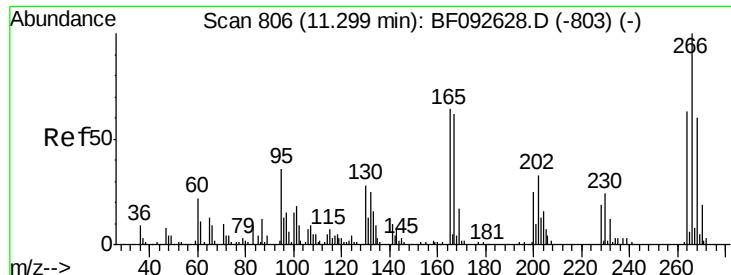
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#68
Atrazine
Concen: 36.42 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	31.8	9.6	49.6
215	46.1	25.7	65.7





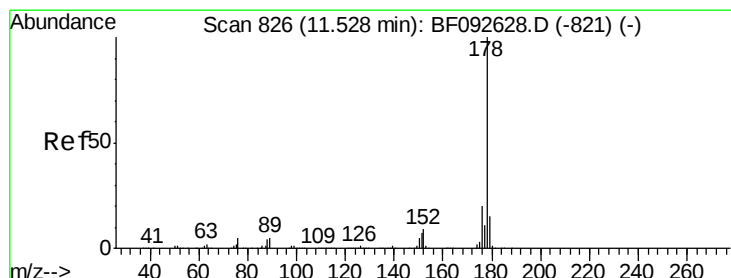
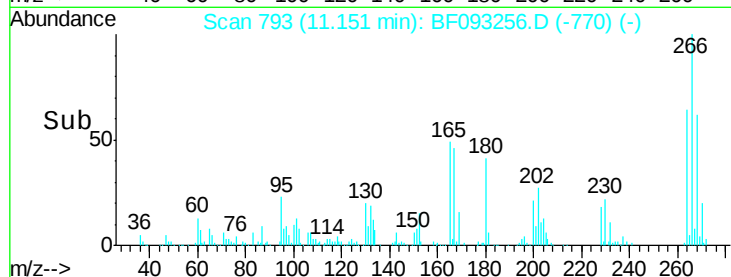
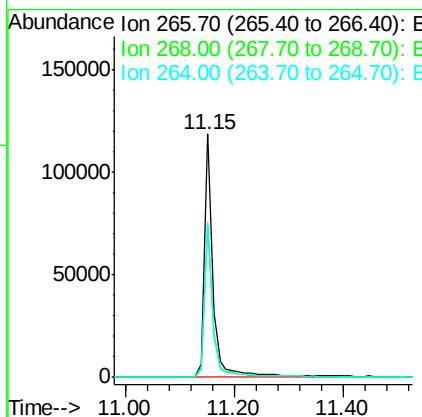
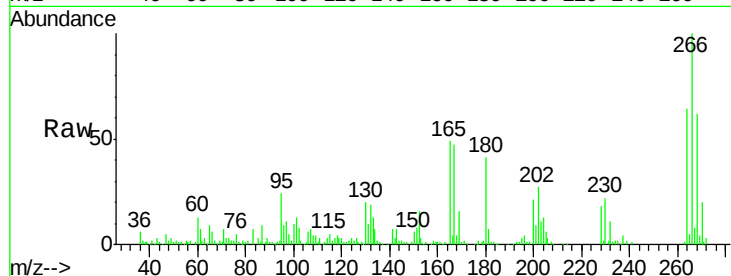
#69
 Pentachlorophenol
 Concen: 70.52 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	53.3	79.9
264	64.0	50.3	75.5

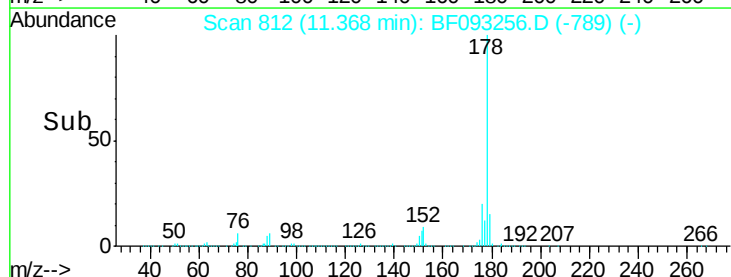
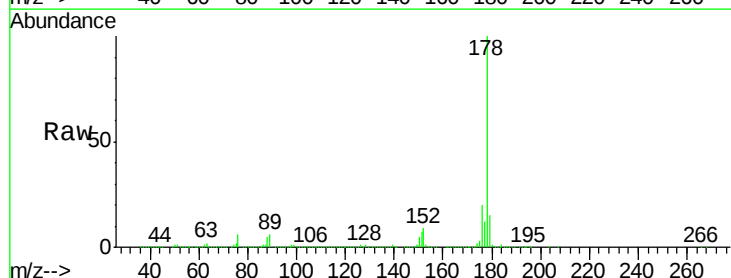
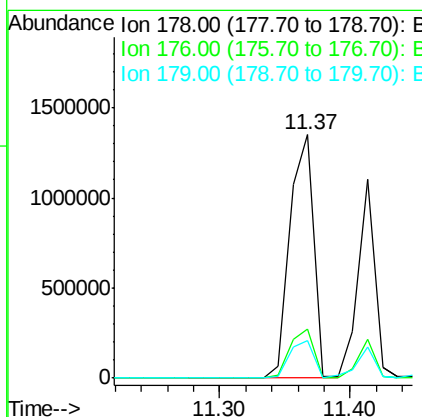
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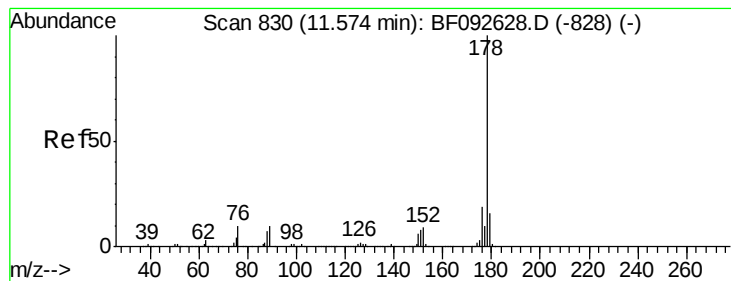
mohammad
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#70
 Phenanthrene
 Concen: 85.07 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.3	12.8	19.2





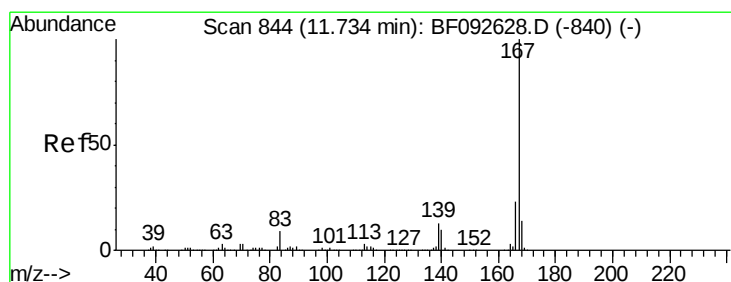
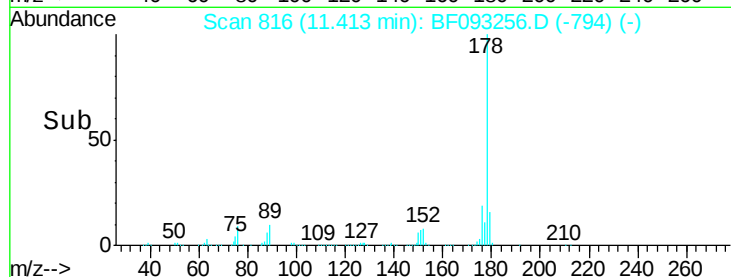
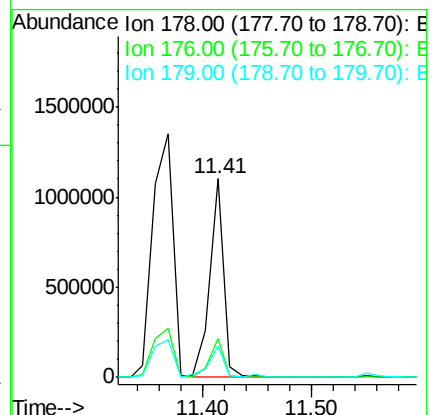
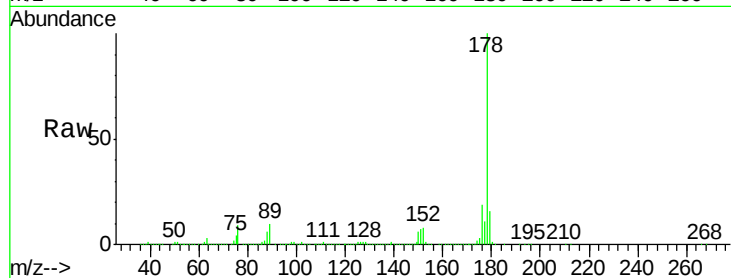
#71
 Anthracene
 Concen: 48.59 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.7	13.2	19.8

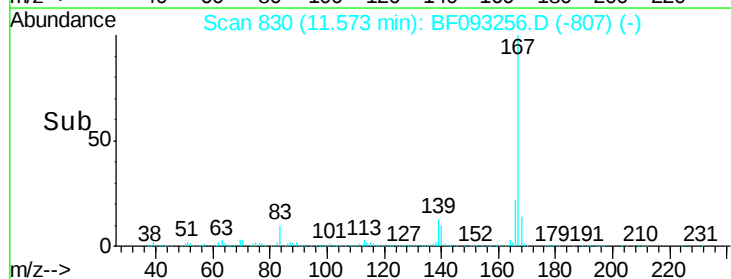
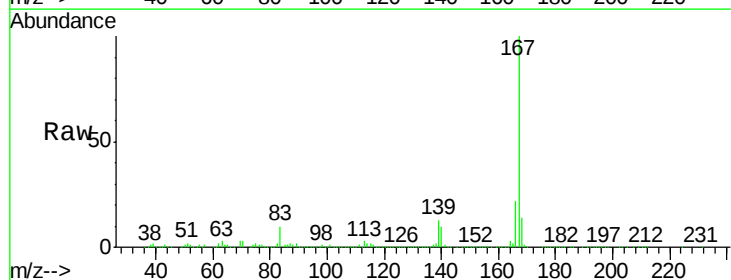
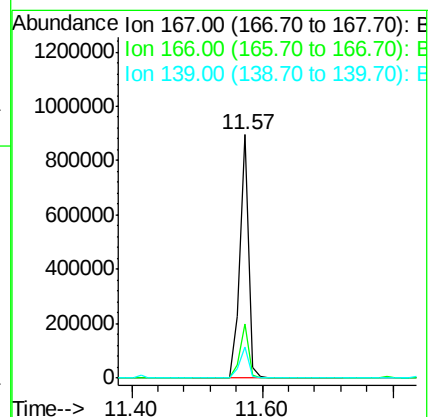
Manual Integrations
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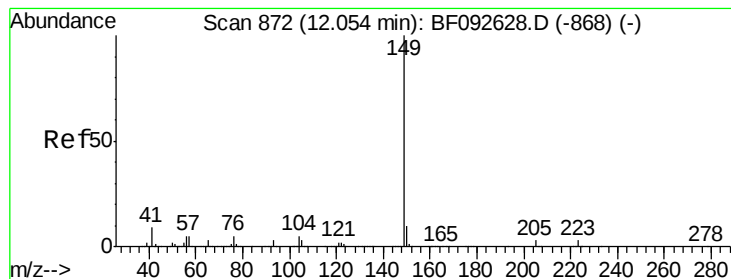
mohammad
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#72
 Carbazole
 Concen: 41.89 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	12.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 74.70 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

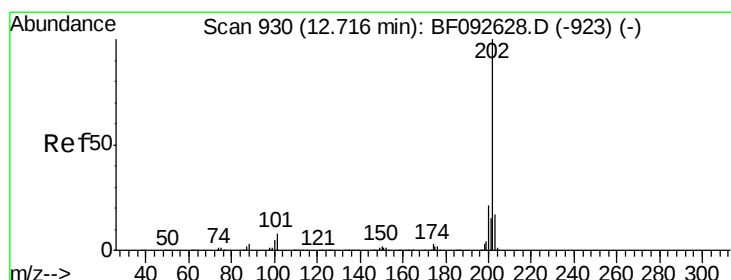
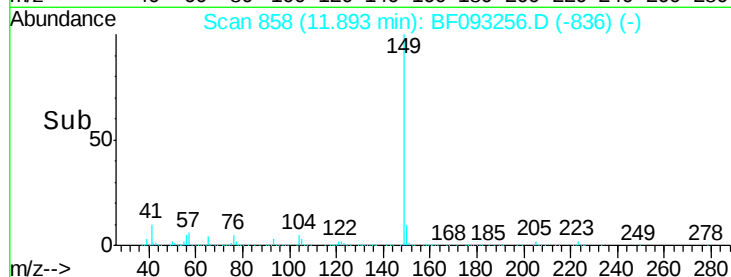
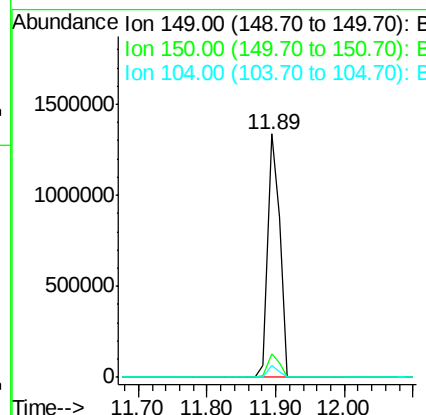
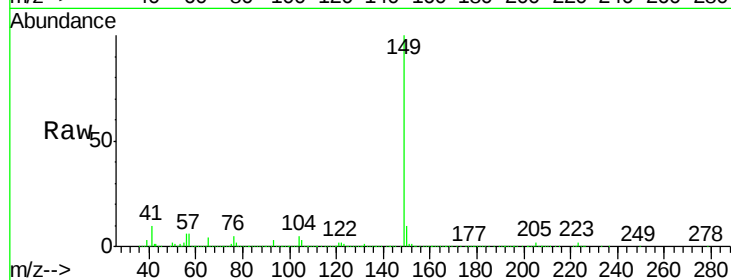
ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:	149	Resp:	1569862
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.1	12.1
104	5.0	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 97.06 ng

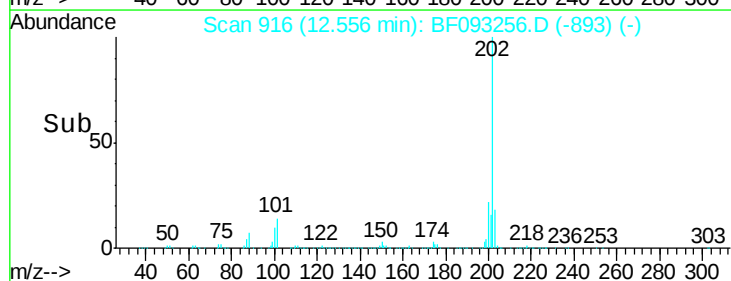
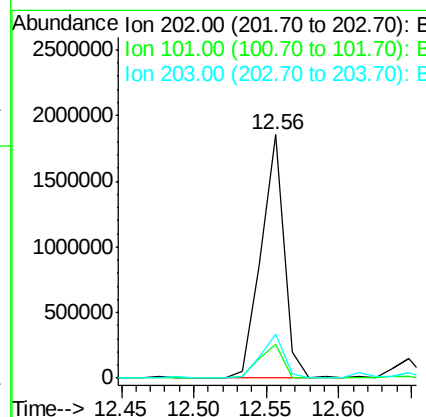
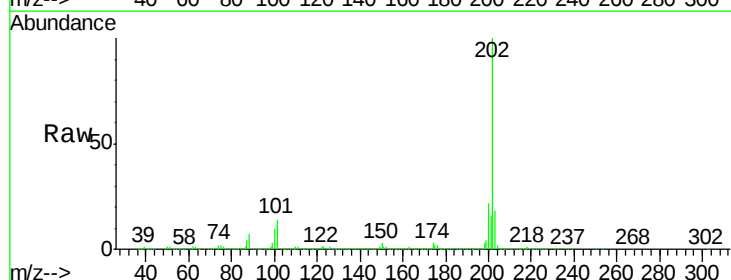
RT: 12.56 min Scan# 916

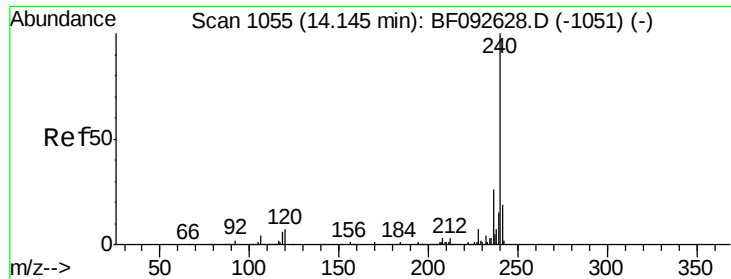
Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:	202	Resp:	2026606
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.6
203	18.2	0.0	38.7





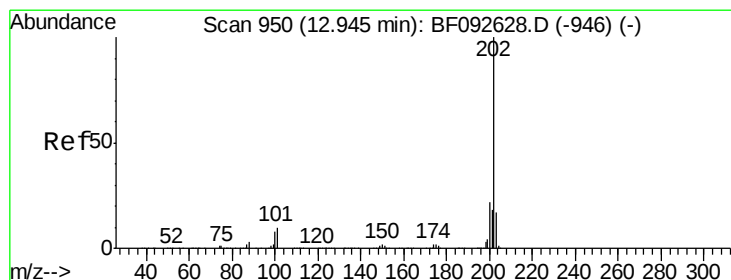
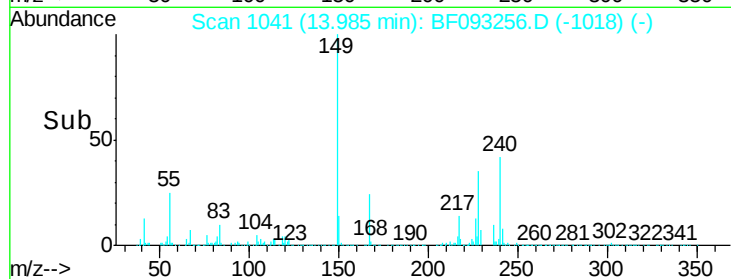
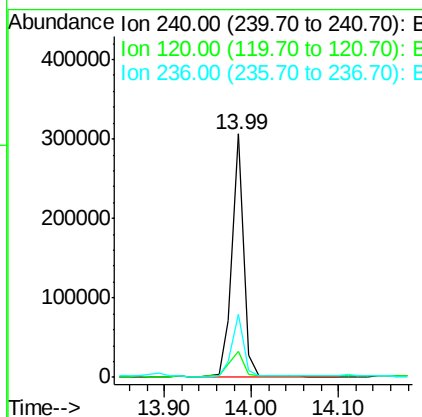
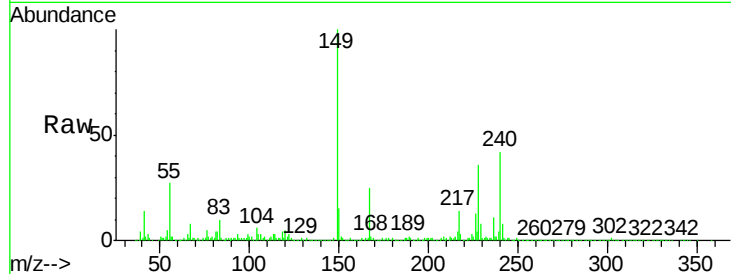
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	283259		
120	10.9	12.9	19.3#	
236	26.0	20.9	31.3	

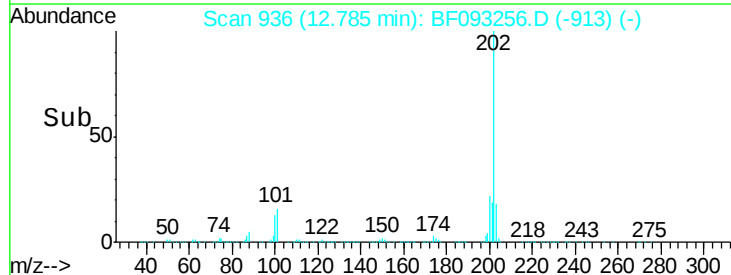
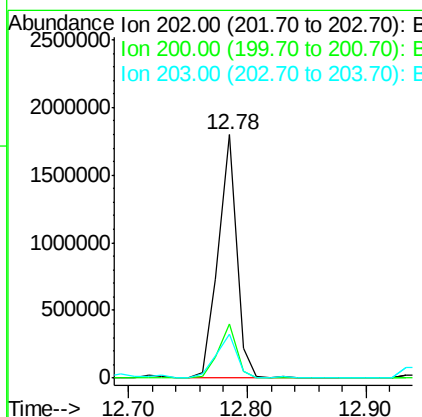
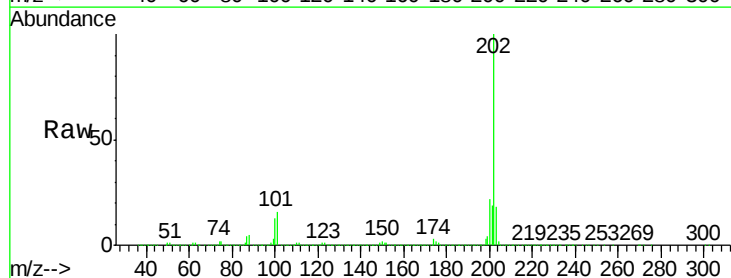
Manual Integrations
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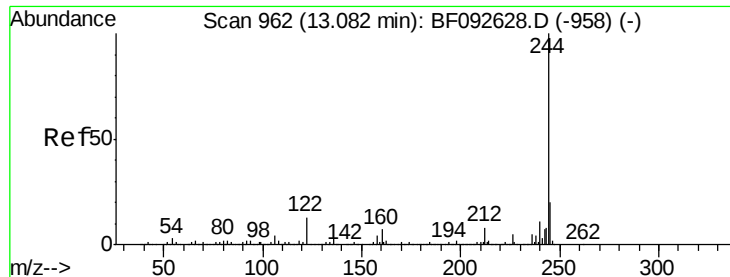
mohammad
3/1/2017 4:06:26 PM



#77
Pyrene
Concen: 90.65 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1921630		
200	22.4	17.7	26.5	
203	18.2	14.7	22.1	





#78

Terphenyl-d14

Concen: 65.72 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

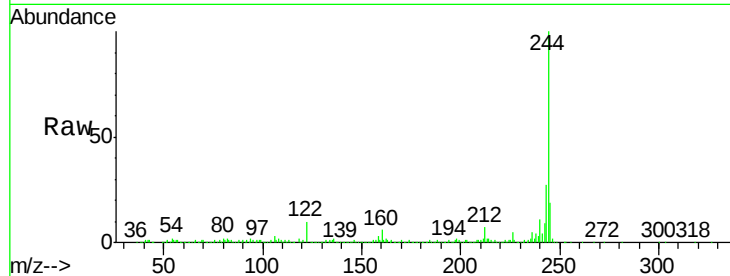
ClientSampleId :

TK3-6-20170227MSD

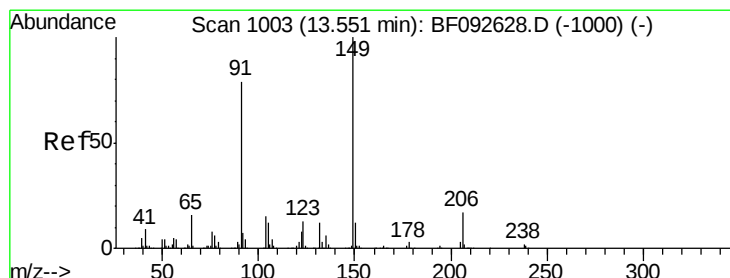
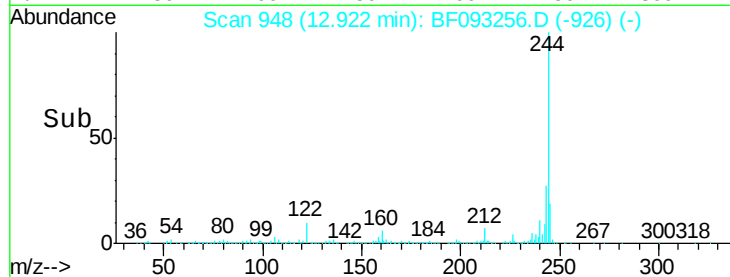
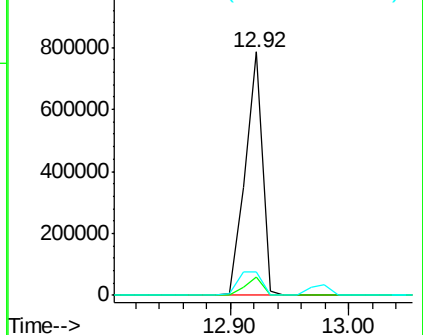
Tgt Ion:	244	Resp:	792322
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	9.7	11.4	17.2#

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



#79

Butylbenzylphthalate

Concen: 45.54 ng

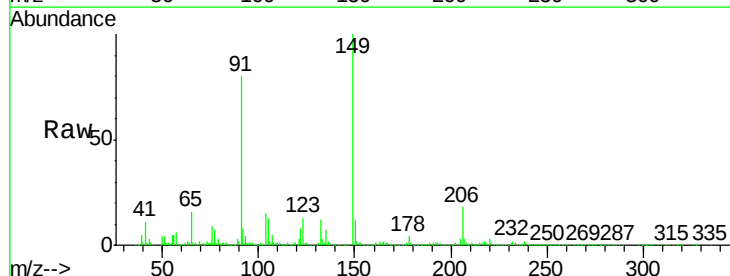
RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

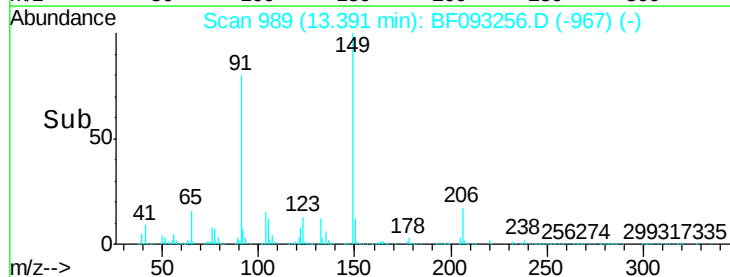
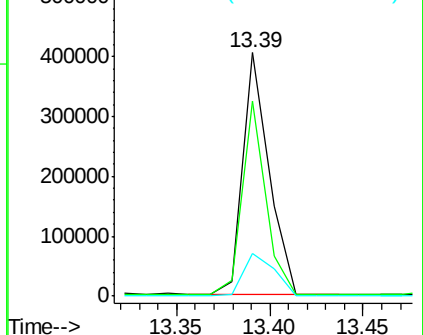
Lab File: BF093256.D

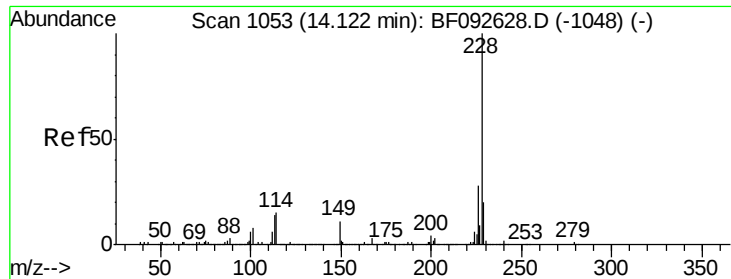
Acq: 28 Feb 2017 18:47

Tgt Ion:	149	Resp:	392051
Ion Ratio	Lower	Upper	
149	100		
91	80.3	63.9	95.9
206	17.5	14.6	21.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





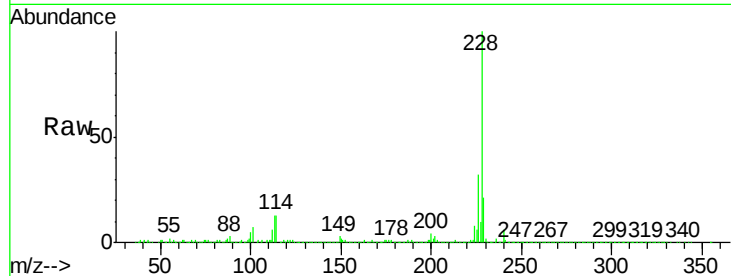
#80
Benzo(a)anthracene
Concen: 82.06 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

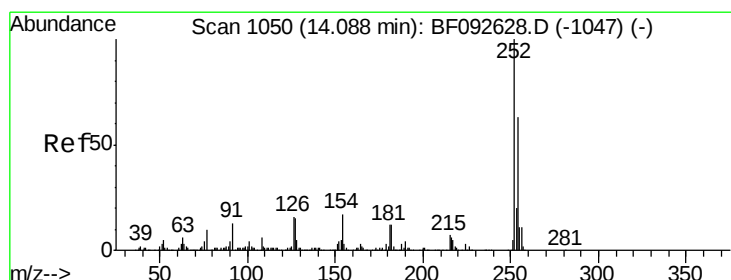
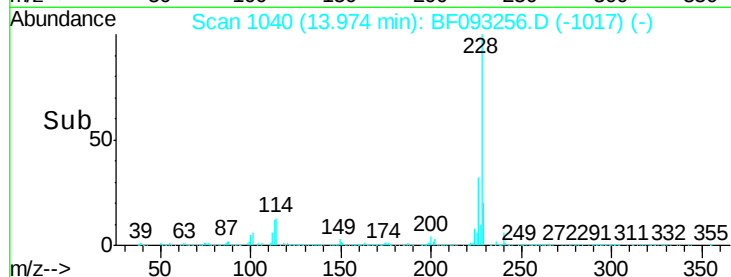
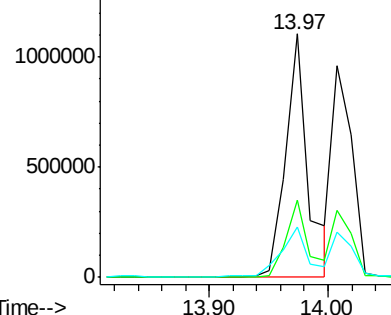
Tgt Ion:228 Resp: 1421662
Ion Ratio Lower Upper
228 100
226 31.9 22.4 33.6
229 20.8 16.2 24.4

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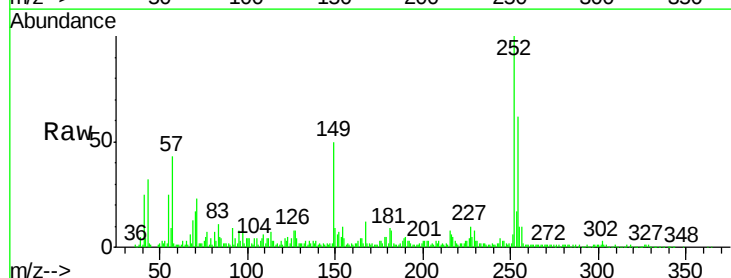


Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

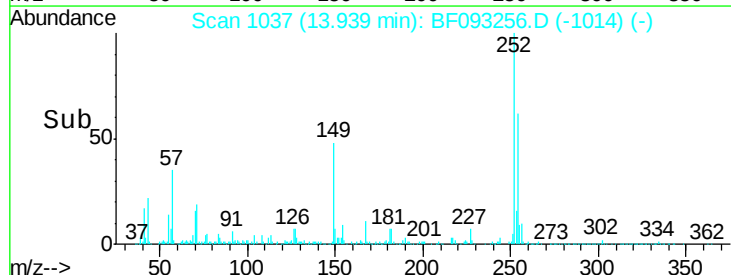
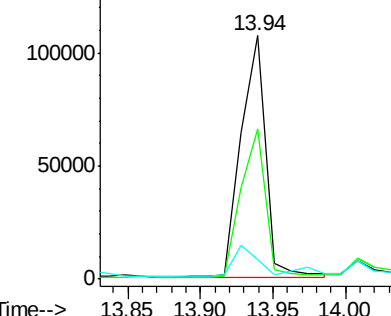


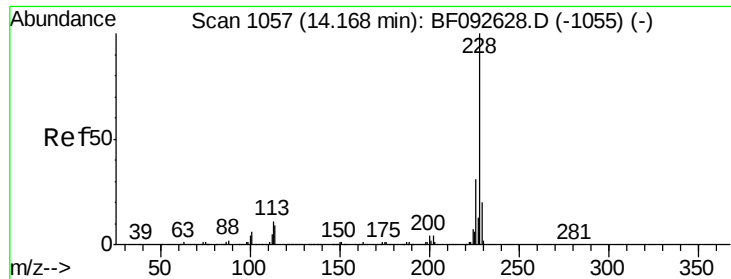
#81
3,3'-Dichlorobenzidine
Concen: 20.54 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:252 Resp: 126857
Ion Ratio Lower Upper
252 100
254 61.8 52.3 78.5
126 8.1 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E
150000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 68.66 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

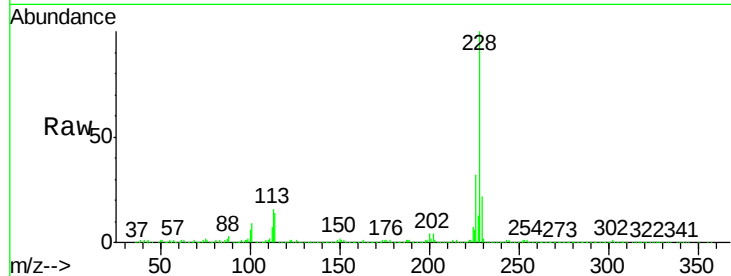
TK3-6-20170227MSD

Tgt Ion: 228 Resp: 1113640

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	21.6	16.2	24.2

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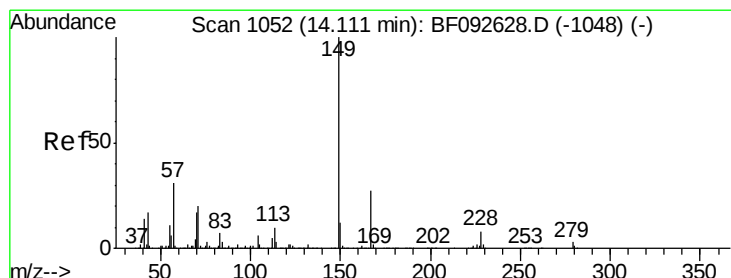
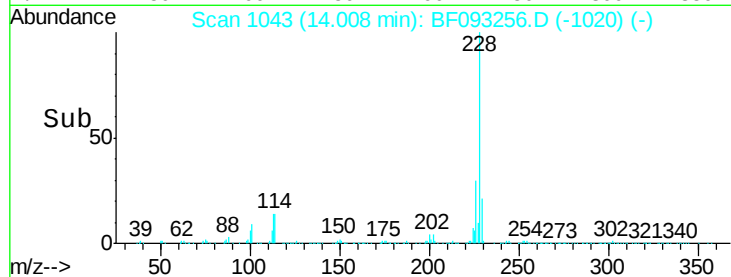
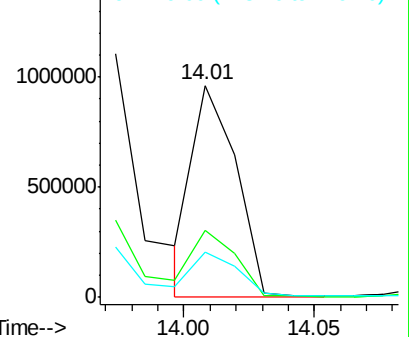
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.37 ng

RT: 13.95 min Scan# 1038

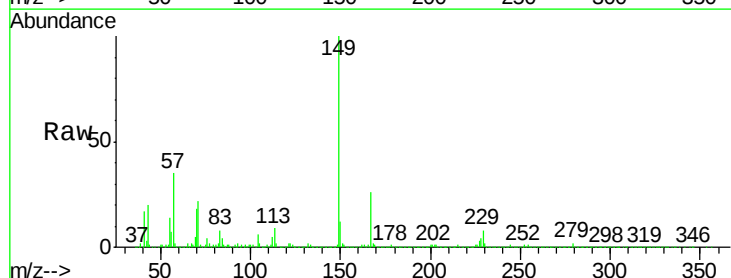
Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion: 149 Resp: 651810

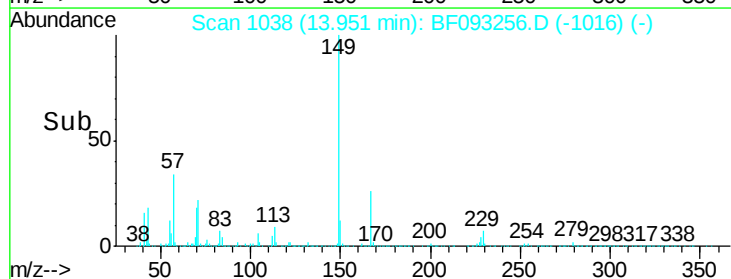
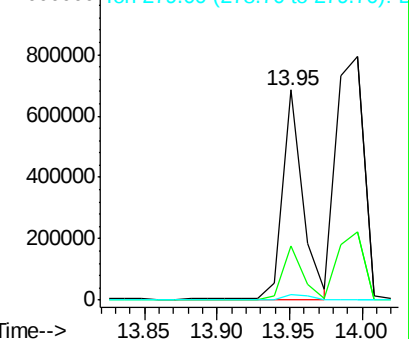
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.5	1.8	2.8

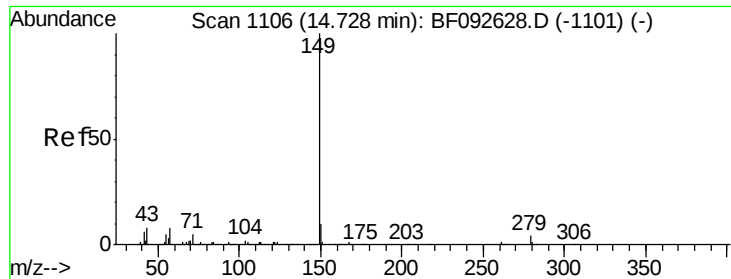


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





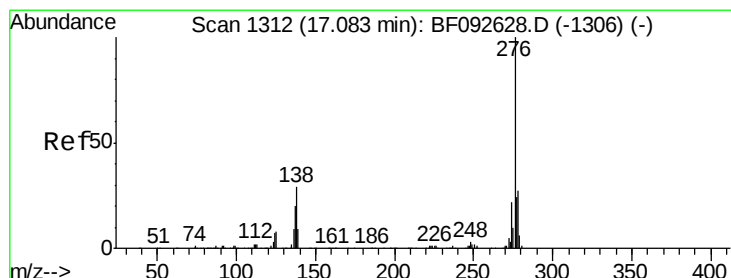
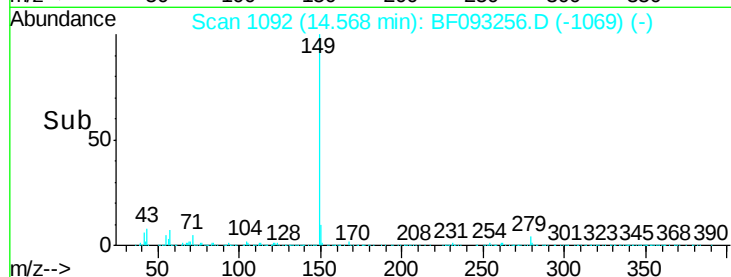
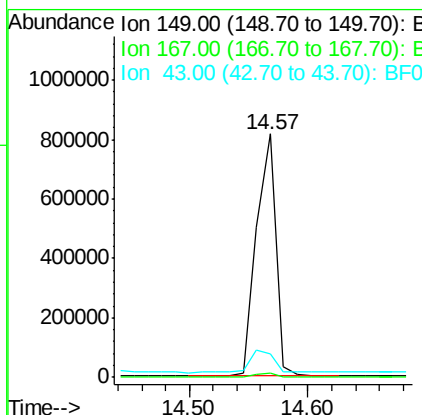
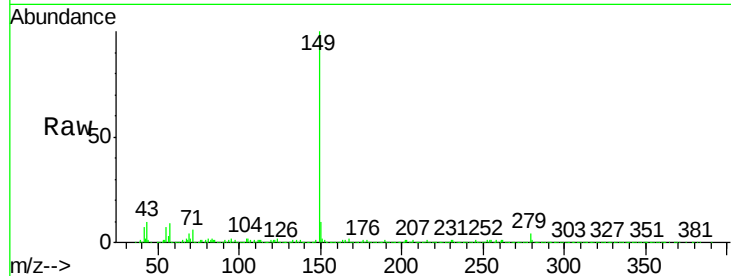
#84
Di-n-octyl phthalate
Concen: 48.67 ng
RT: 14.57 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	933038		
167	1.7		1.3	1.9
43	11.0		8.9	13.3

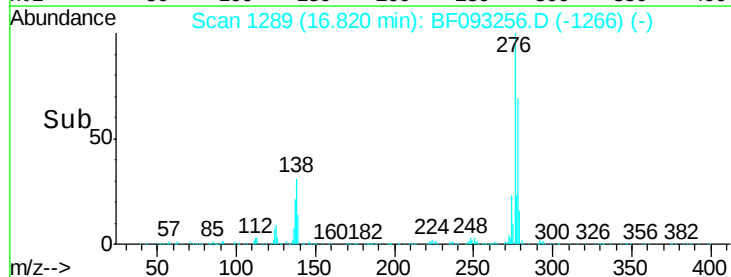
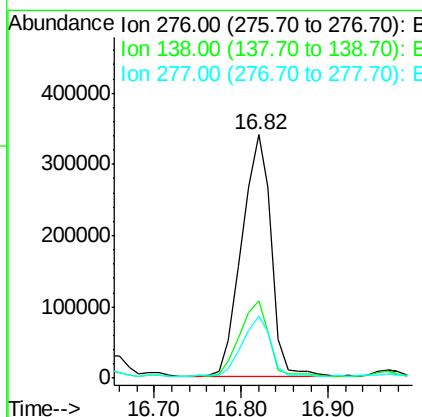
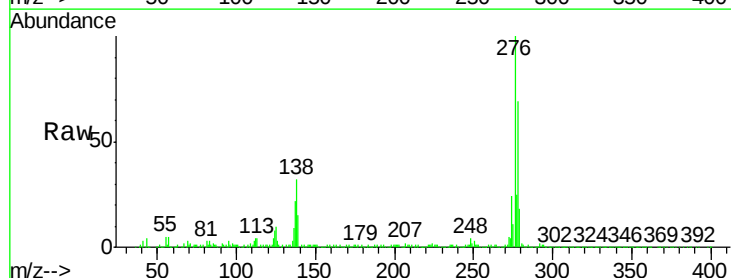
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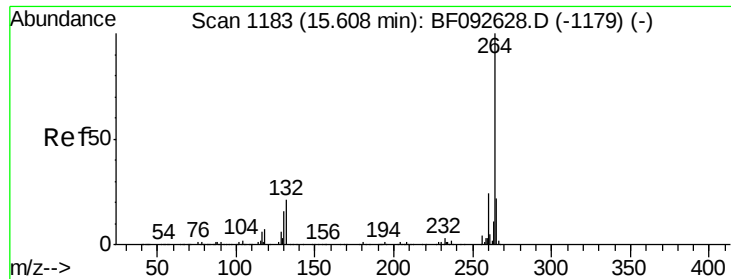
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 63.59 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	798907		
138	31.2		21.8	32.6
277	24.3		20.2	30.4





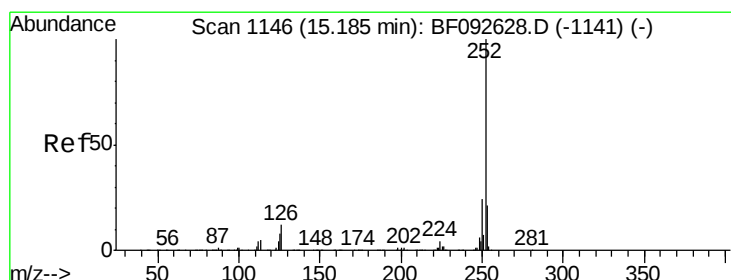
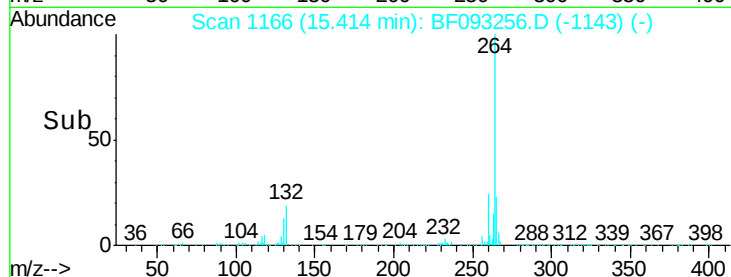
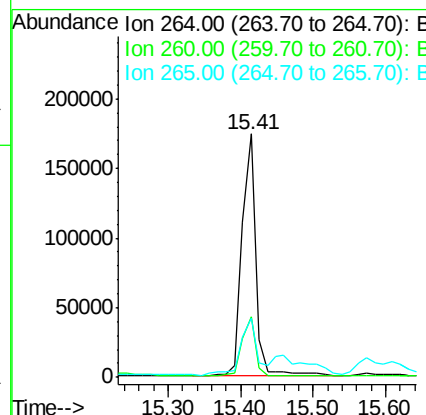
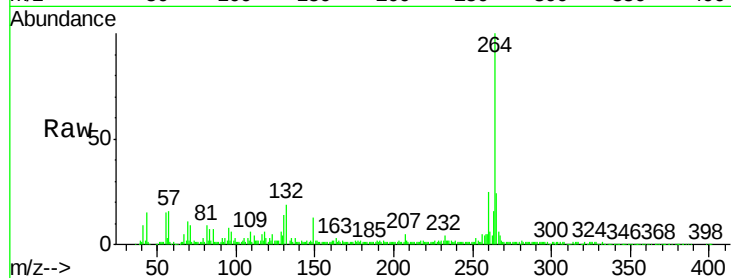
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	24.3	17.4	26.0

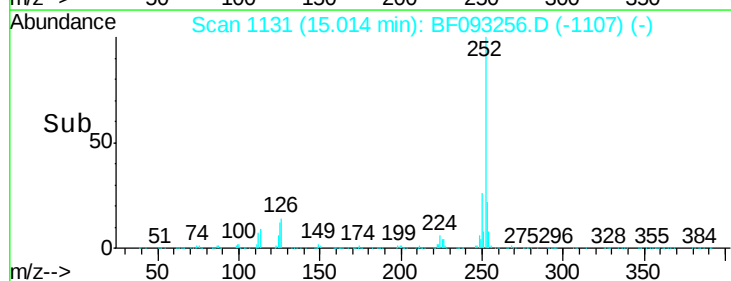
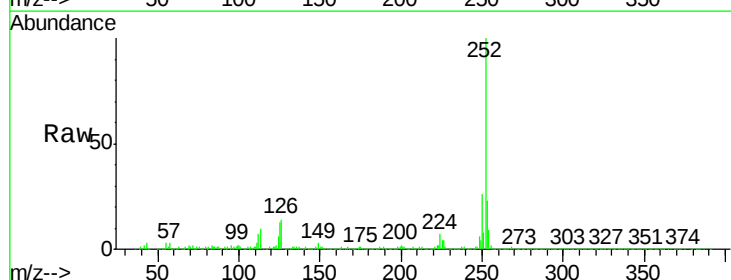
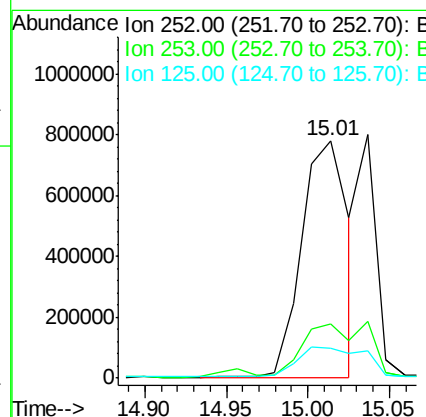
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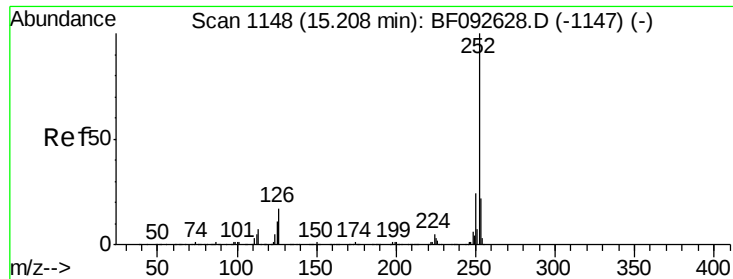
mohammad
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#87
Benzo(b)fluoranthene
Concen: 102.96 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.6	9.8	14.6





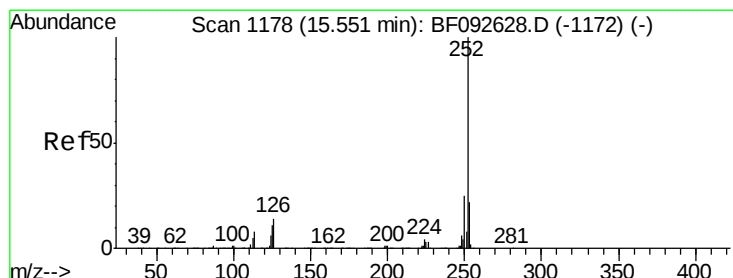
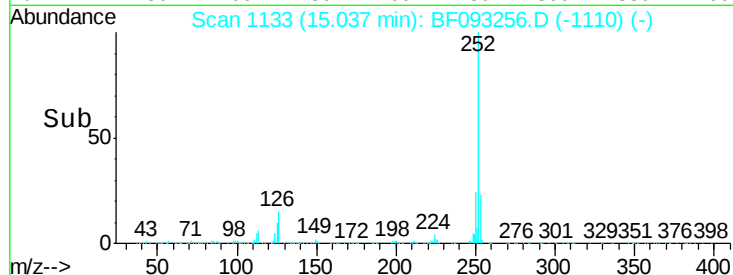
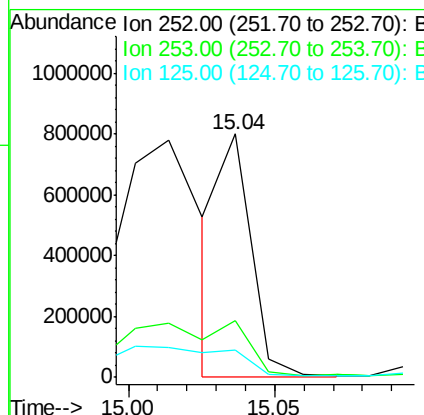
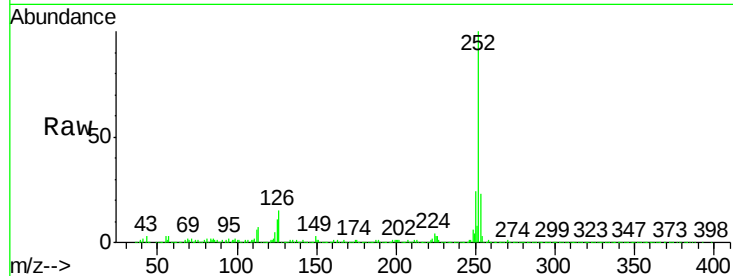
#88
Benzo(k)fluoranthene
Concen: 45.69 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	11.0	8.9	13.3

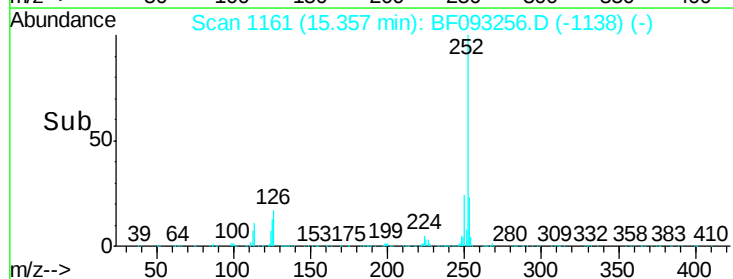
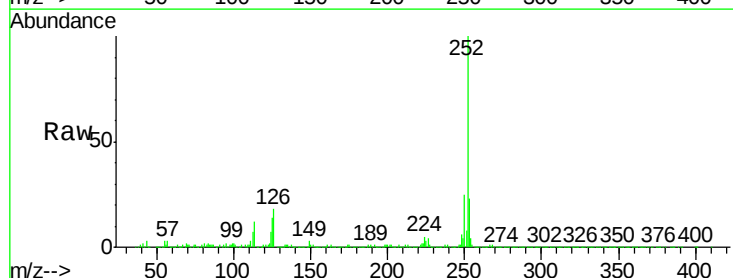
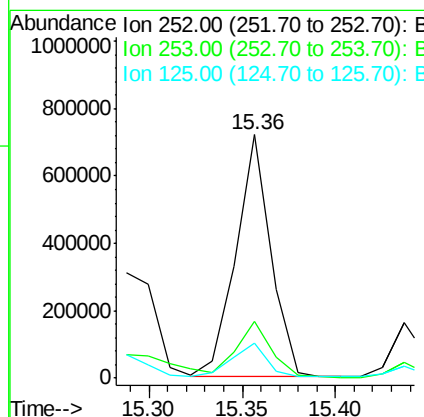
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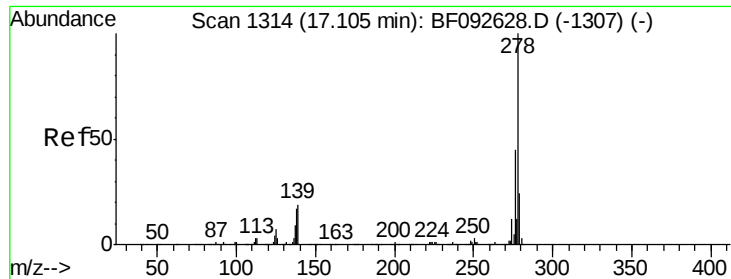
mohammad
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#89
Benzo(a)pyrene
Concen: 71.11 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	14.1	10.0	15.0





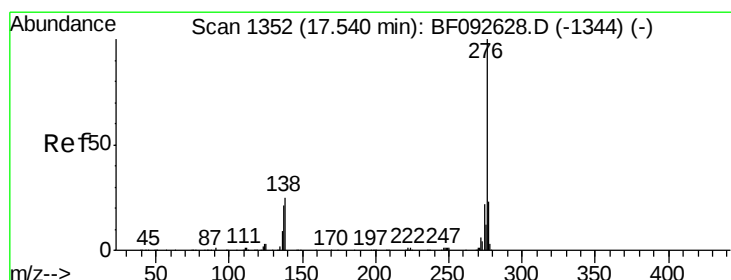
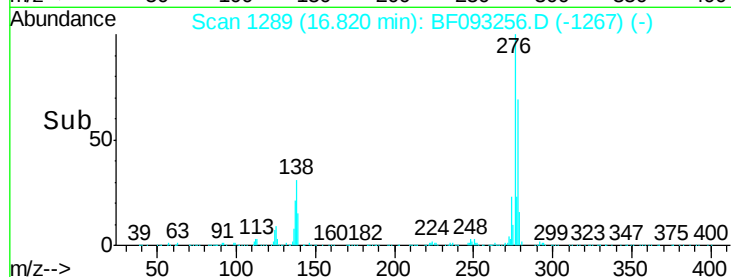
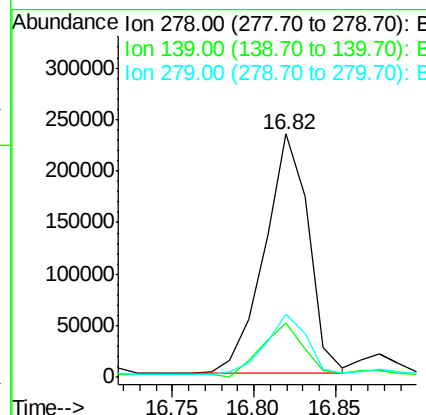
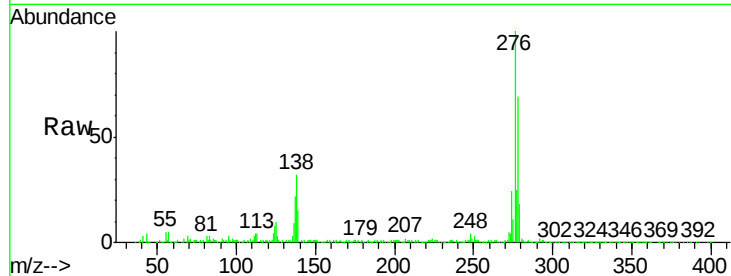
#90
Dibenzo(a,h)anthracene
Concen: 40.50 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.8	22.2
279	25.7	19.8	29.6

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#91
Benzo(g,h,i)perylene
Concen: 69.79 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	29.1	16.0	24.0

