

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093255.D
 Acq On : 28 Feb 2017 18:19
 Operator : SJ/MA
 Sample : I2017-08MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Manual Integrations
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mohammad
 3/1/2017 4:06:16 PM

Quant Time: Mar 01 02:31:49 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	144181	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	550693	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	218891	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	341245	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	294250	20.00	ng	-0.03
86) Perylene-d12	15.41	264	218659	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	982252	116.88	ng	-0.03
7) Phenol-d6	6.48	99	1292209	119.50	ng	-0.01
23) Nitrobenzene-d5	7.38	82	755054	76.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	181132	114.41	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1087334	89.99	ng	-0.05
78) Terphenyl-d14	12.92	244	782406	62.48	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	144452	31.81	ng	# 84
3) Pyridine	3.08	79	452682	39.20	ng	# 82
4) n-Nitrosodimethylamine	3.04	42	214676	39.59	ng	86
6) Aniline	6.48	93	254887	17.28	ng	# 88
8) 2-Chlorophenol	6.60	128	373537	40.29	ng	96
9) Benzaldehyde	6.36	77	116350	15.02	ng	98
10) Phenol	6.49	94	604195	47.76	ng	# 71
11) bis(2-Chloroethyl)ether	6.56	93	397858	39.40	ng	97
12) 1,3-Dichlorobenzene	6.75	146	403569m	37.16	ng	
13) 1,4-Dichlorobenzene	6.83	146	427836	38.93	ng	95
14) 1,2-Dichlorobenzene	6.98	146	369790	35.19	ng	98
15) Benzyl Alcohol	6.97	79	309420	38.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	614683	35.04	ng	67
17) 2-Methylphenol	7.09	107	291866	36.69	ng	# 88
18) Hexachloroethane	7.32	117	111860	29.81	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	262917	38.20	ng	93
20) 3+4-Methylphenols	7.24	107	416806	43.83	ng	# 71
22) Acetophenone	7.23	105	523735	41.65	ng	# 92
24) Nitrobenzene	7.40	77	417230	41.09	ng	96
25) Isophorone	7.64	82	737517	40.02	ng	99
26) 2-Nitrophenol	7.72	139	168715	34.95	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	342156	40.36	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	419087	34.34	ng	98
29) 2,4-Dichlorophenol	7.97	162	287161	36.32	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	306559	35.98	ng	97
31) Naphthalene	8.12	128	1043251	37.37	ng	99
32) Benzoic acid	7.86	122	17134	10.20	ng	95
33) 4-Chloroaniline	8.18	127	160248	14.64	ng	97
34) Hexachlorobutadiene	8.24	225	156047	33.29	ng	98
35) Caprolactam	8.54	113	90077	36.22	ng	# 45
36) 4-Chloro-3-methylphenol	8.67	107	289297	35.10	ng	99
37) 2-Methylnaphthalene	8.81	142	589621	32.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	272800	44.40	ng	98
42) 2,4,6-Trichlorophenol	9.09	196	175759	43.53	ng	92

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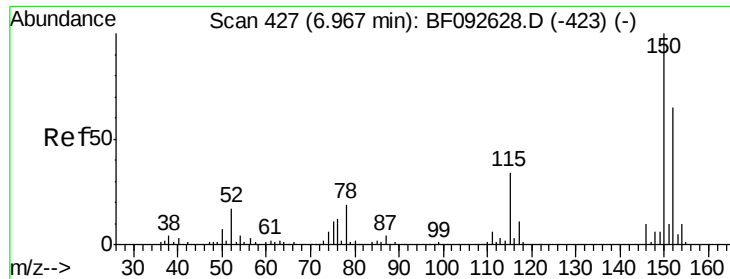
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	171516	38.77	ng	# 84
45) 1,1'-Biphenyl	9.28	154	729327	46.01	ng	100
46) 2-Chloronaphthalene	9.30	162	564297	45.51	ng	98
47) 2-Nitroaniline	9.40	65	197163	47.29	ng	99
48) Acenaphthylene	9.71	152	1065636	49.75	ng	99
49) Dimethylphthalate	9.57	163	720696	48.88	ng	100
50) 2,6-Dinitrotoluene	9.64	165	122202	38.38	ng	# 77
51) Acenaphthene	9.88	154	490833	38.33	ng	97
52) 3-Nitroaniline	9.81	138	130764	35.89	ng	96
53) 2,4-Dinitrophenol	9.95	184	222	4.86	ng	# 1
54) Dibenzofuran	10.05	168	699927	40.86	ng	96
55) 4-Nitrophenol	10.00	139	155736	59.34	ng	92
56) 2,4-Dinitrotoluene	10.05	165	145426	34.31	ng	# 89
57) Fluorene	10.40	166	561905	42.64	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125017	42.36	ng	96
59) Diethylphthalate	10.27	149	574707	41.36	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	228567	36.10	ng	97
61) 4-Nitroaniline	10.43	138	142825	38.27	ng	81
62) Azobenzene	10.54	77	610694	42.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	2046	3.60	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	488620	44.82	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	137547	38.58	ng	97
67) Hexachlorobenzene	10.94	284	121653	34.53	ng	# 78
68) Atrazine	11.04	200	120541	34.46	ng	97
69) Pentachlorophenol	11.15	266	112942	63.71	ng	97
70) Phenanthrene	11.37	178	1609606	82.33	ng	98
71) Anthracene	11.41	178	985586	50.20	ng	99
72) Carbazole	11.57	167	781863	41.66	ng	98
73) Di-n-butylphthalate	11.89	149	809384	39.88	ng	98
74) Fluoranthene	12.56	202	2057940	102.05	ng	98
77) Pyrene	12.79	202	1897433	86.17	ng	99
79) Butylbenzylphthalate	13.39	149	334897	37.45	ng	97
80) Benzo(a)anthracene	13.97	228	1309335m	72.75	ng	
81) 3,3'-Dichlorobenzidine	13.93	252	106232	16.56	ng	97
82) Chrysene	14.01	228	1173534m	69.65	ng	
83) Bis(2-ethylhexyl)phthalate	13.95	149	509612	41.67	ng	# 98
84) Di-n-octyl phthalate	14.57	149	813585	40.85	ng	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	755020	57.85	ng	96
87) Benzo(b)fluoranthene	15.01	252	1584031m	110.06	ng	
88) Benzo(k)fluoranthene	15.04	252	480777m	38.69	ng	
89) Benzo(a)pyrene	15.36	252	897738	72.11	ng	99
90) Dibenzo(a,h)anthracene	16.82	278	401199	39.87	ng	97
91) Benzo(g,h,i)perylene	17.24	276	698370	68.71	ng	# 93

(#) = 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: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

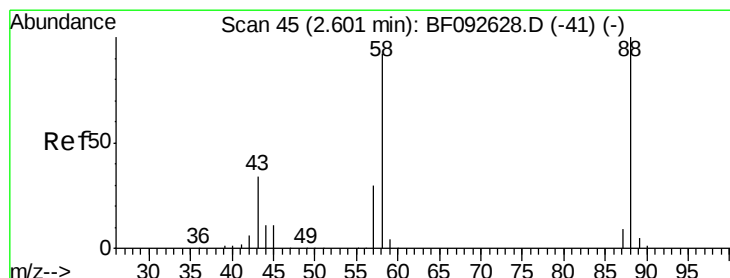
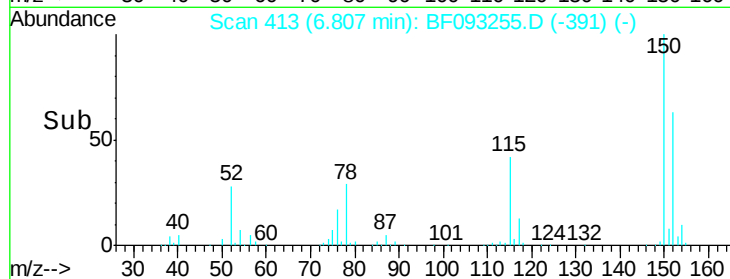
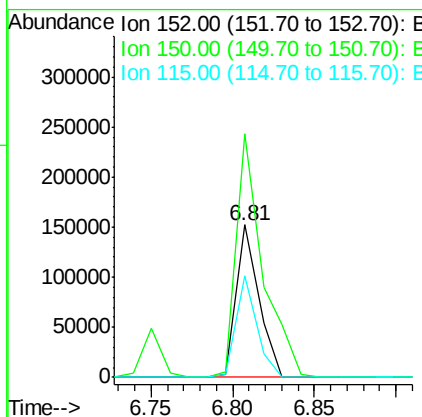
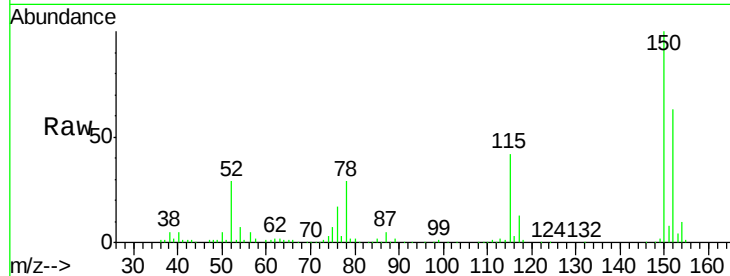
ClientSampleId :

TK3-6-20170227MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	66.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 31.81 ng

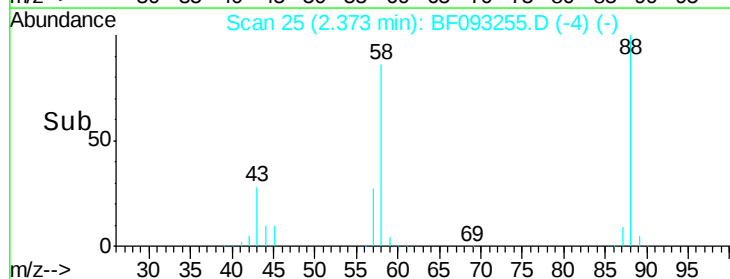
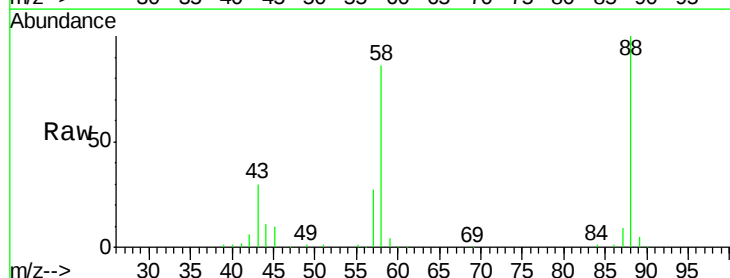
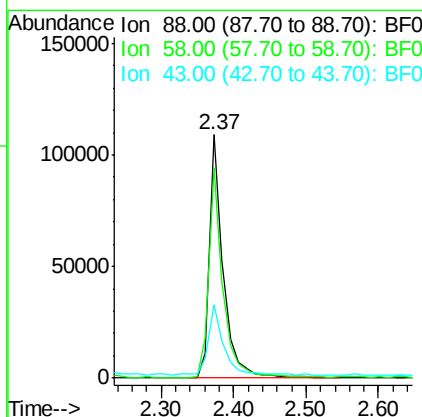
RT: 2.37 min Scan# 25

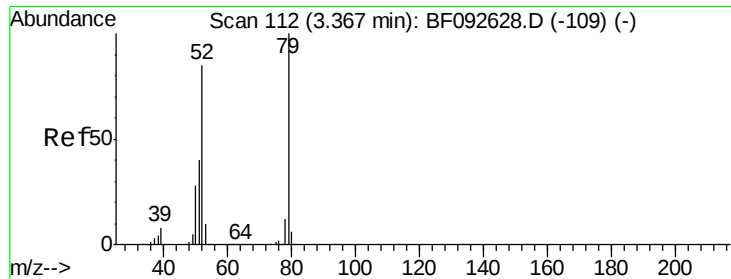
Delta R.T. -0.06 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	57.8	86.8#
43	32.6	22.3	33.5





#3

Pyridine

Concen: 39.20 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.07 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

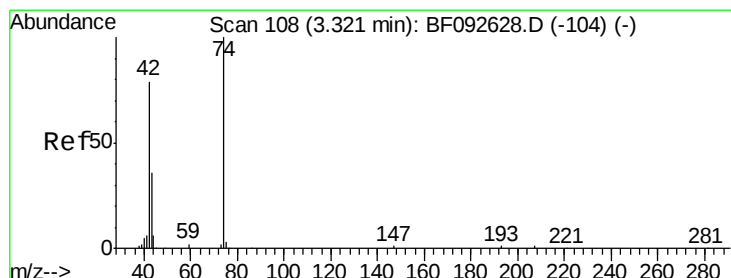
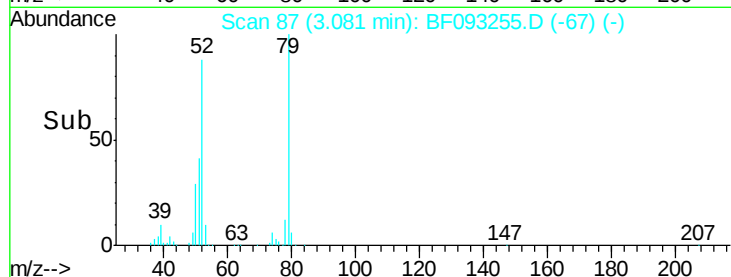
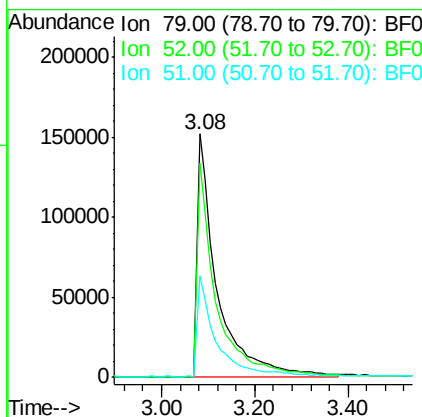
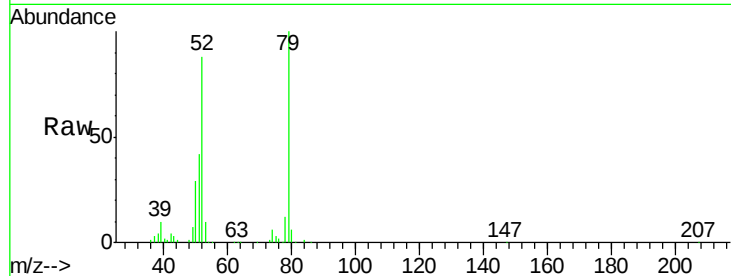
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	79	Resp:	452682
Ion Ratio	Lower	Upper	
79	100		
52	87.8	57.1	85.7#
51	41.5	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 39.59 ng

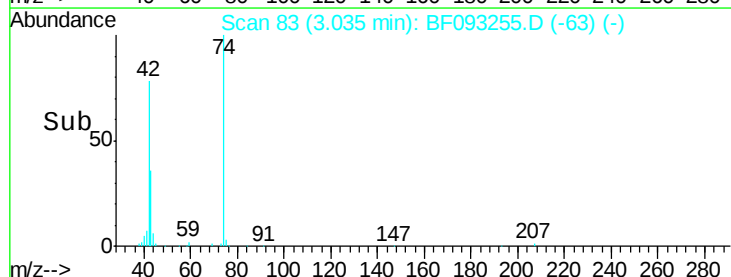
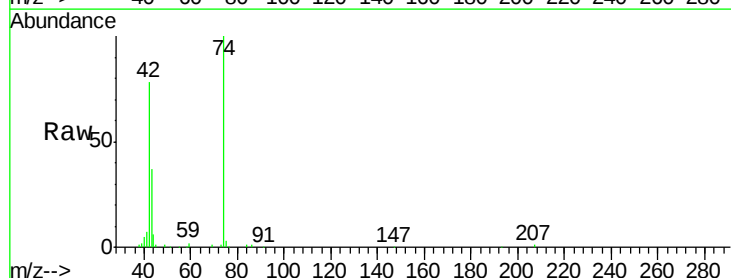
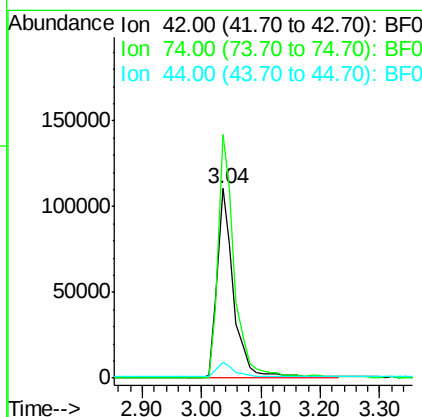
RT: 3.04 min Scan# 83

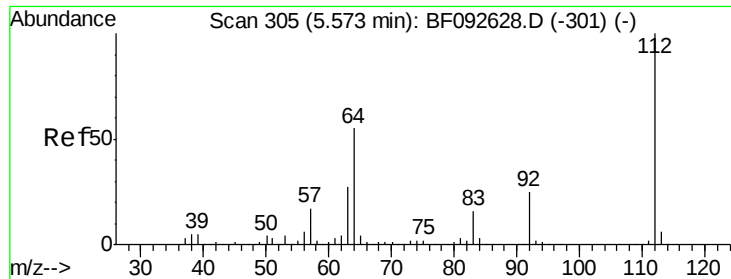
Delta R.T. -0.07 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	42	Resp:	214676
Ion Ratio	Lower	Upper	
42	100		
74	128.5	117.0	175.4
44	8.3	5.5	8.3





#5

2-Fluorophenol

Concen: 116.88 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

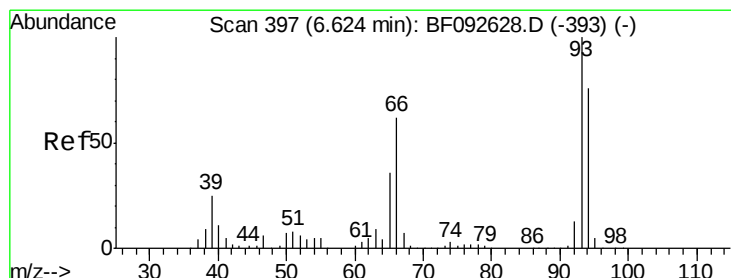
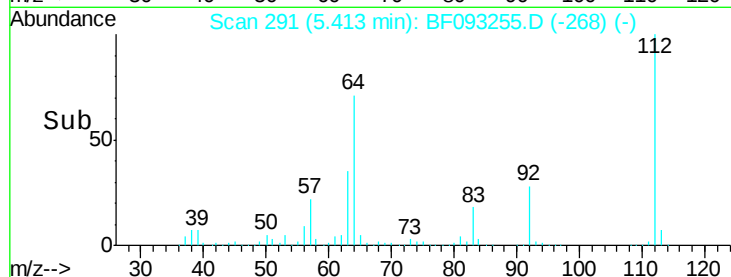
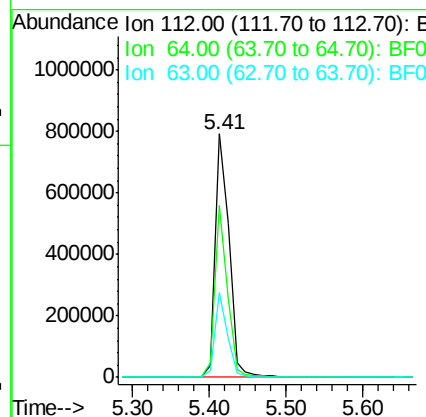
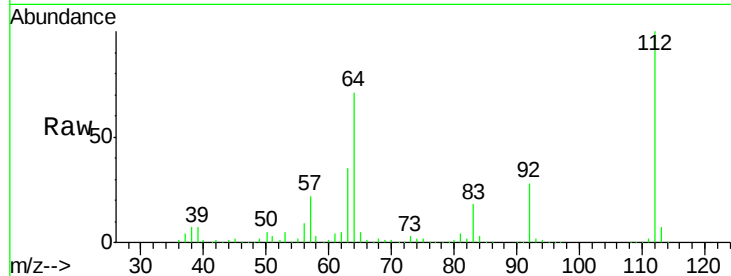
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	112	Resp:	982252
Ion Ratio	Lower	Upper	
112	100		
64	70.8	46.1	69.1#
63	35.1	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 17.28 ng

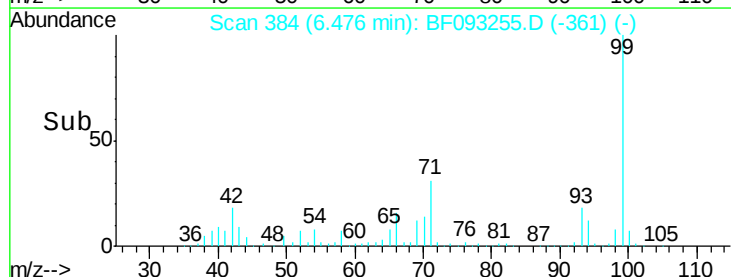
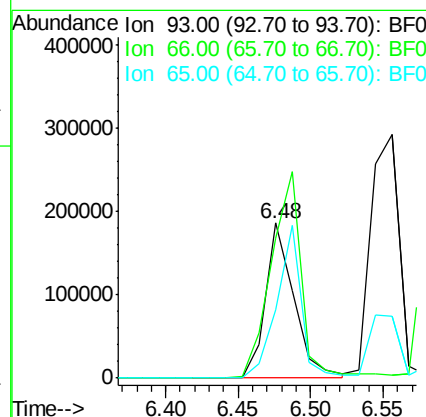
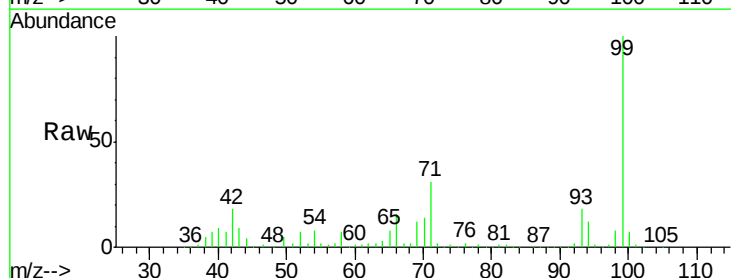
RT: 6.48 min Scan# 384

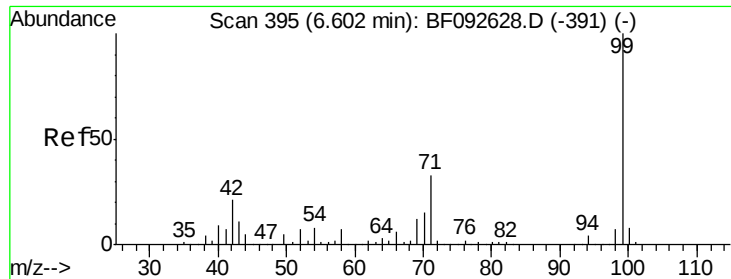
Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	93	Resp:	254887
Ion Ratio	Lower	Upper	
93	100		
66	90.2	76.2	114.2
65	44.0	49.3	73.9#





#7

Phenol-d6

Concen: 119.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MS

Tgt Ion: 99 Resp: 1292209

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

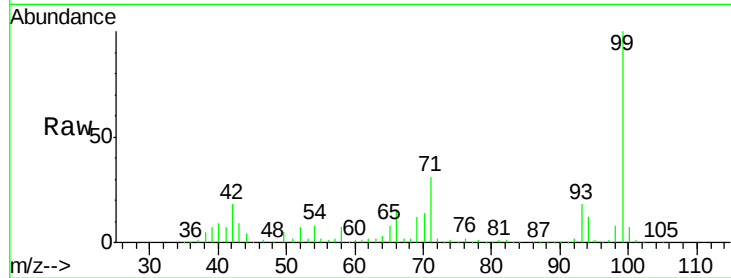
71 30.6 27.5 41.3

Manual Integrations

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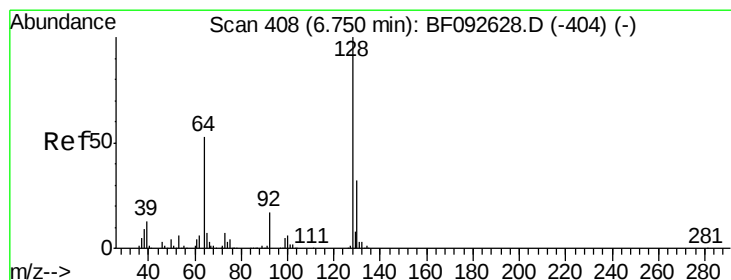
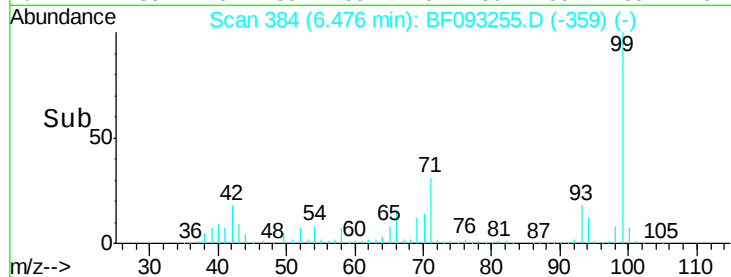
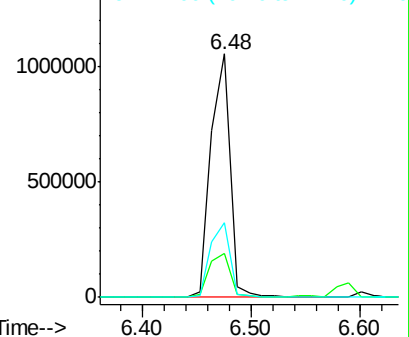
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.29 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

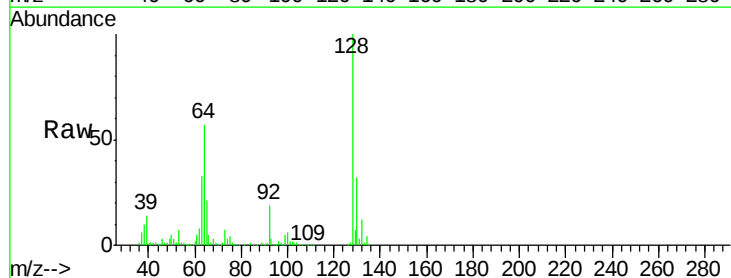
Tgt Ion: 128 Resp: 373537

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

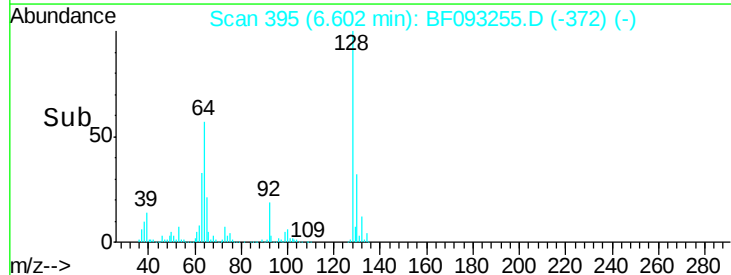
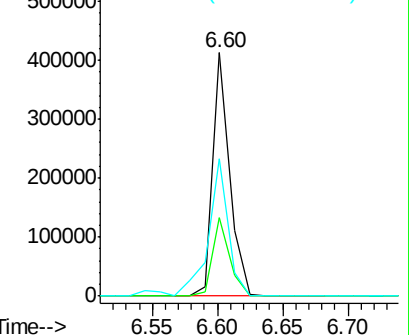
64 56.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.02 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

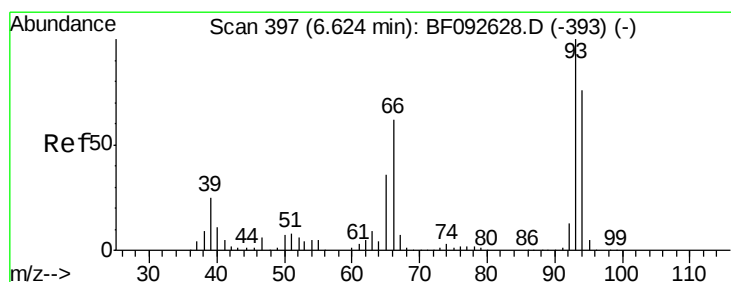
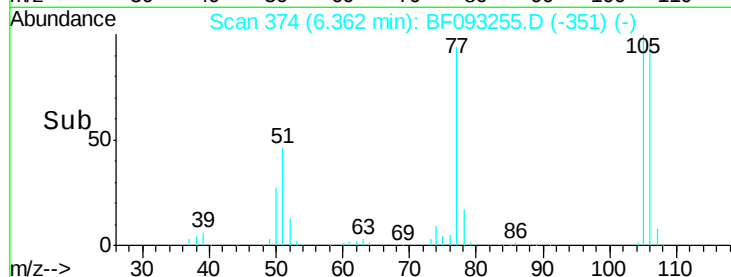
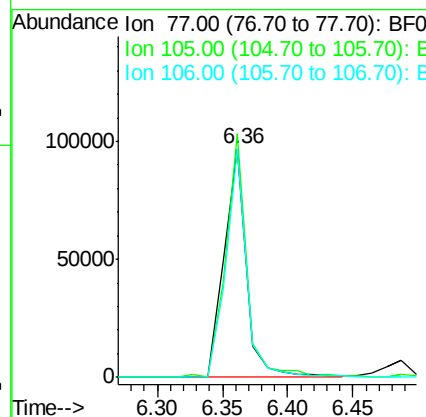
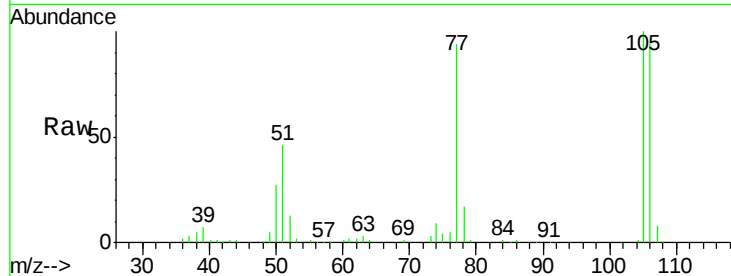
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	77	Resp:	116350
Ion	Ratio	Lower	Upper
77	100		
105	106.4	83.9	123.9
106	100.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 47.76 ng

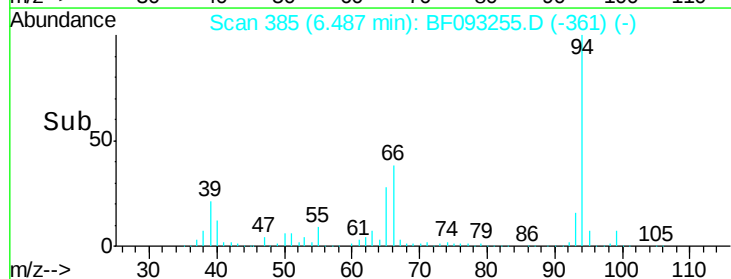
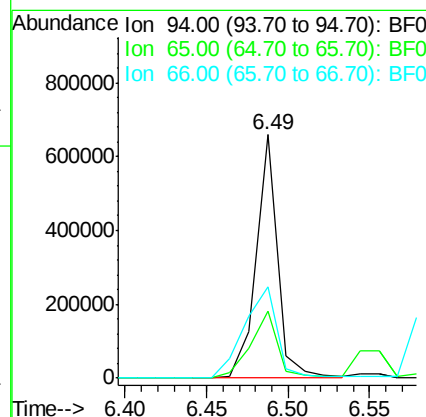
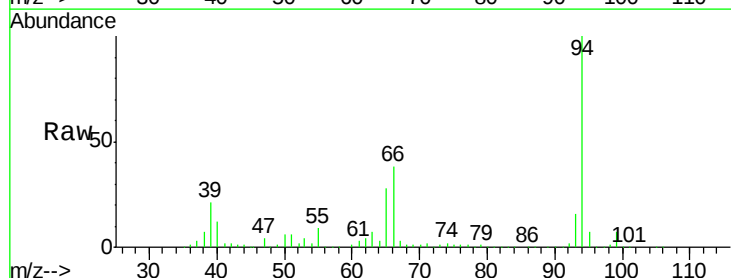
RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	94	Resp:	604195
Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.4	61.4
66	37.5	44.0	84.0#





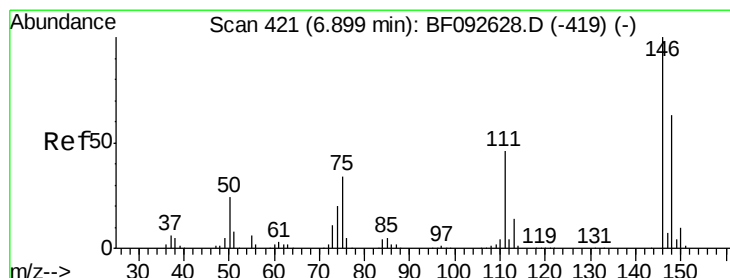
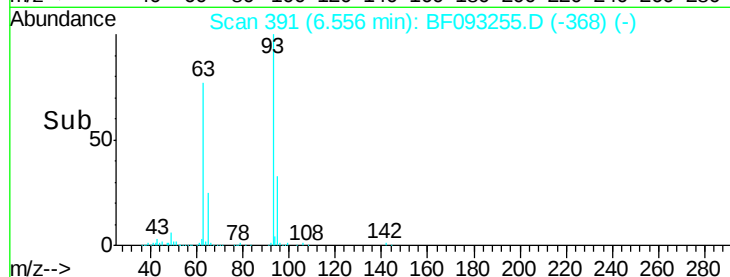
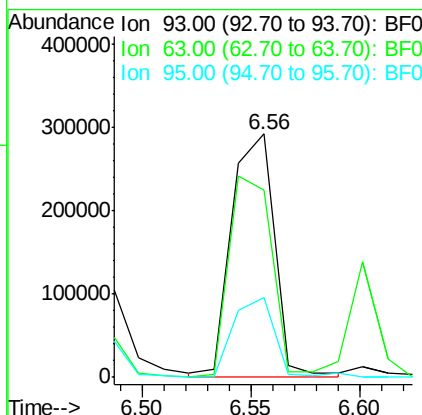
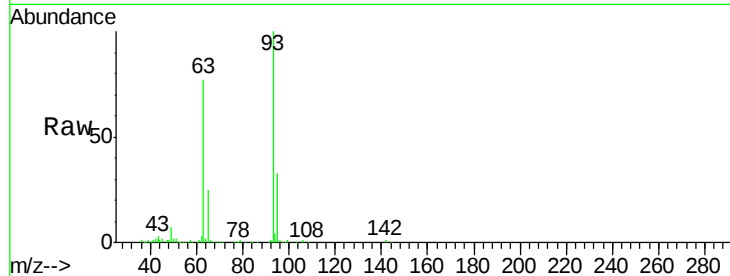
#11
bis(2-Chloroethyl)ether
Concen: 39.40 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.4	100.4
95	32.8	12.8	52.8

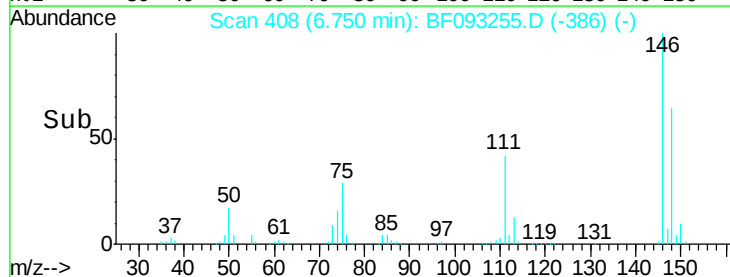
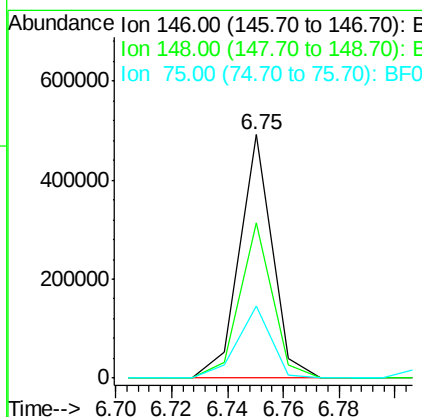
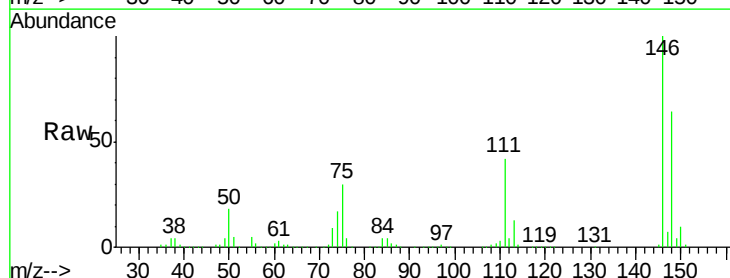
Manual Integrations
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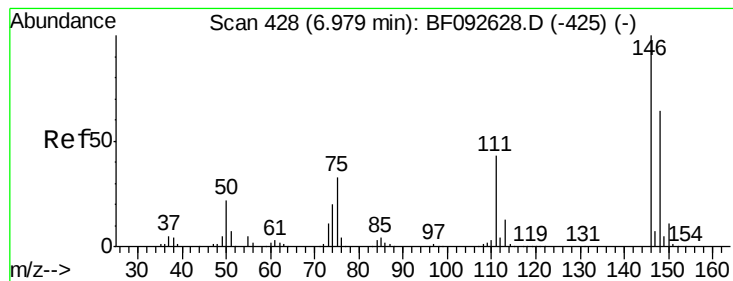
mohammad
3/1/2017 4:06:16 PM



#12
1,3-Dichlorobenzene
Concen: 37.16 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	29.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 38.93 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

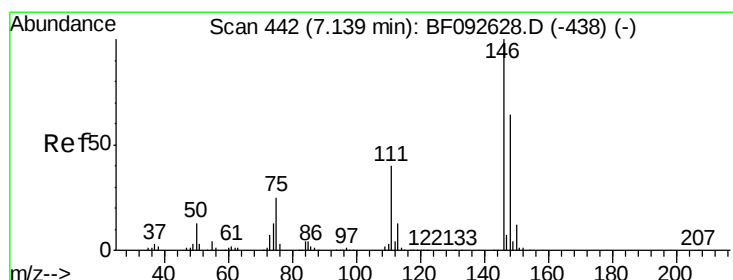
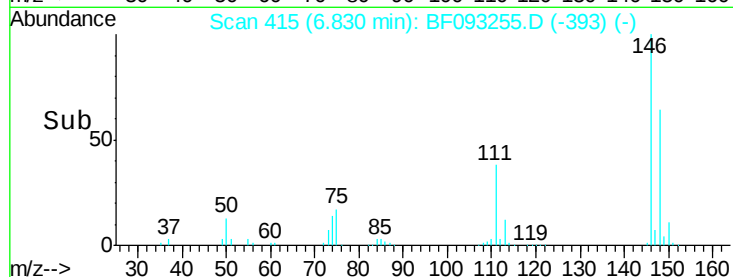
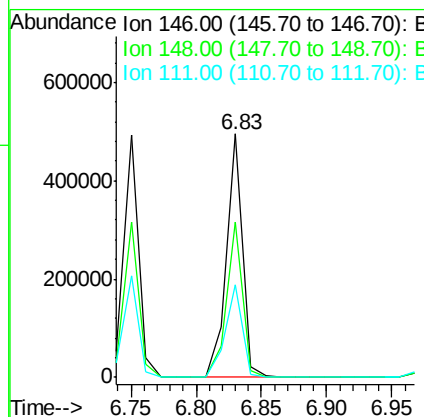
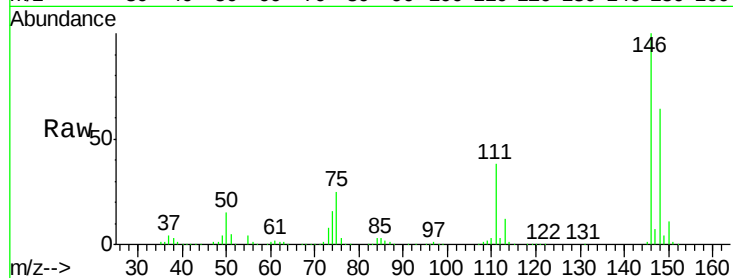
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	146	Resp:	427836
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	38.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.19 ng

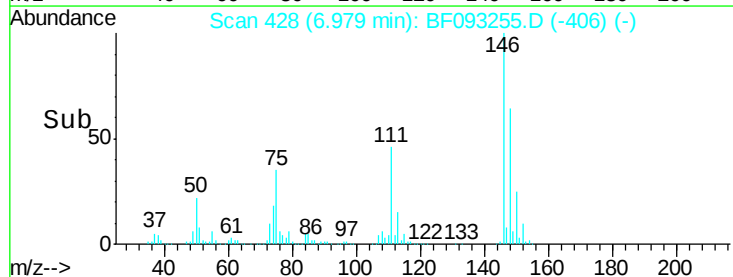
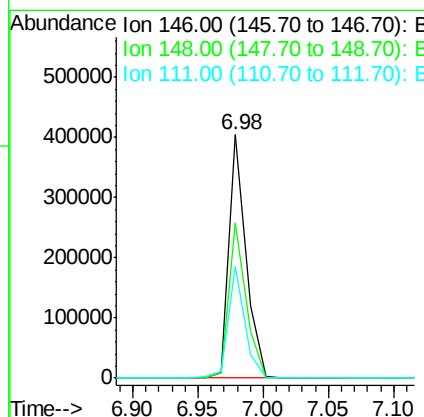
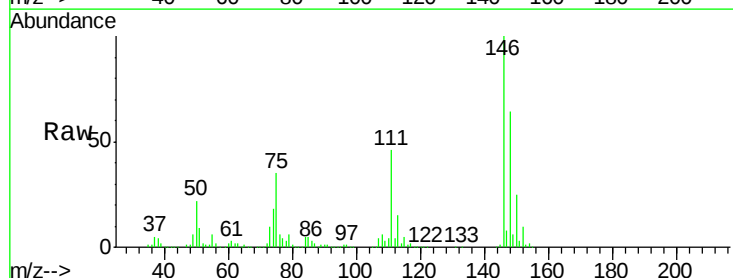
RT: 6.98 min Scan# 428

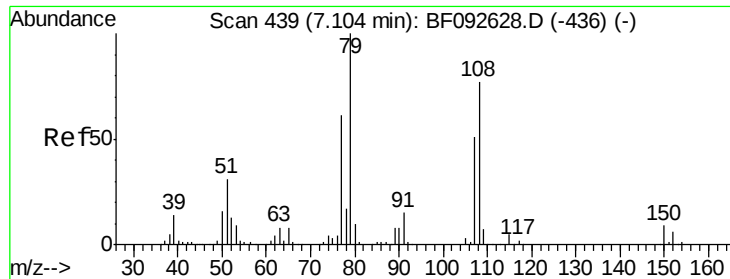
Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	146	Resp:	369790
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	46.2	36.2	54.2





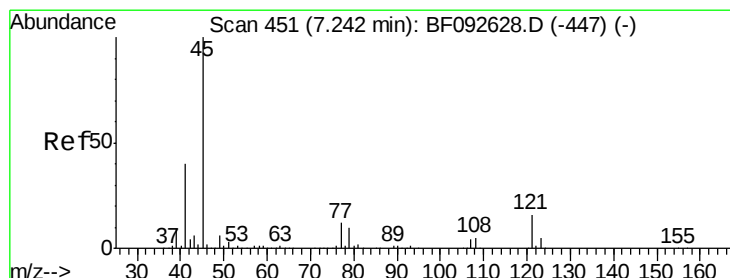
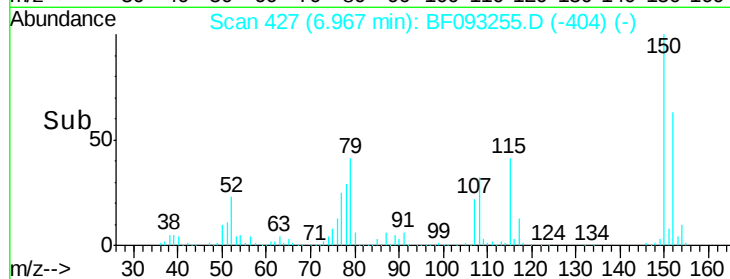
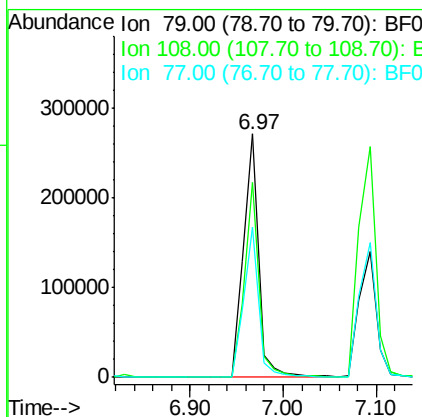
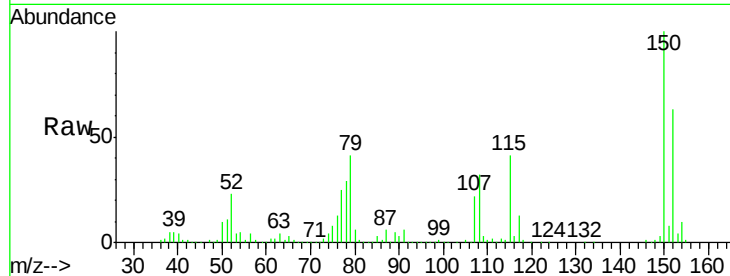
#15
Benzyl Alcohol
Concen: 38.65 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	309420		
108	79.8	61.4	92.0	
77	61.4	50.9	76.3	

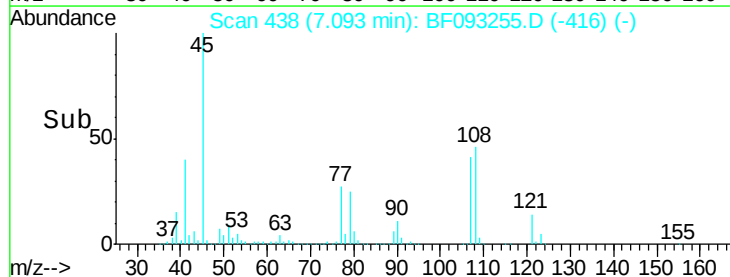
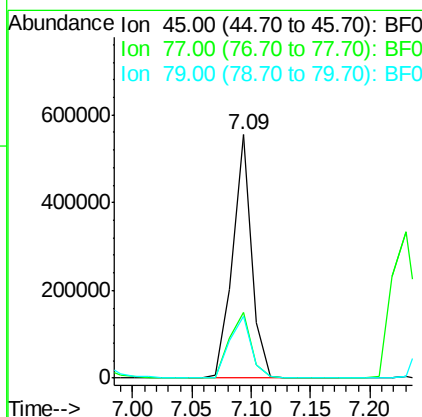
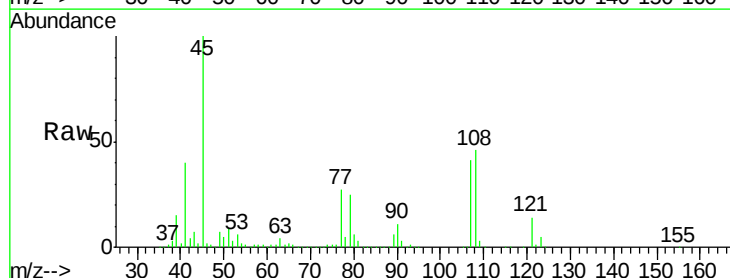
Manual Integrations
APPROVED

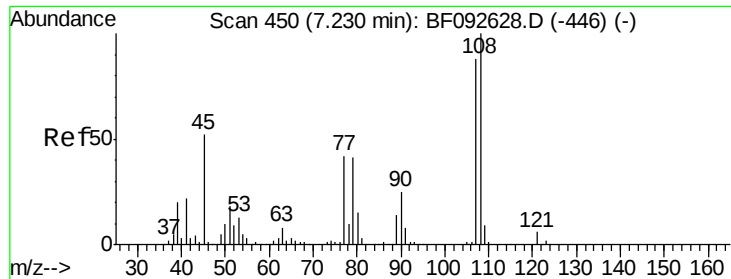
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.04 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	614683		
77	27.2	0.0	34.6	
79	25.2	0.0	31.2	





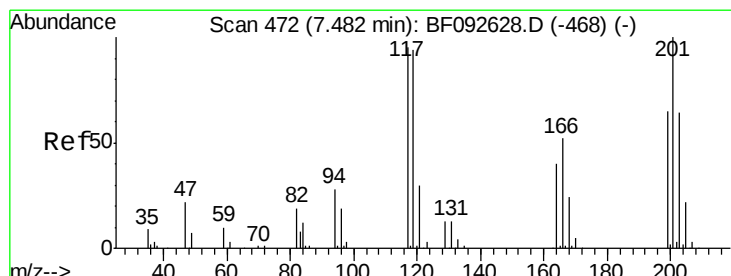
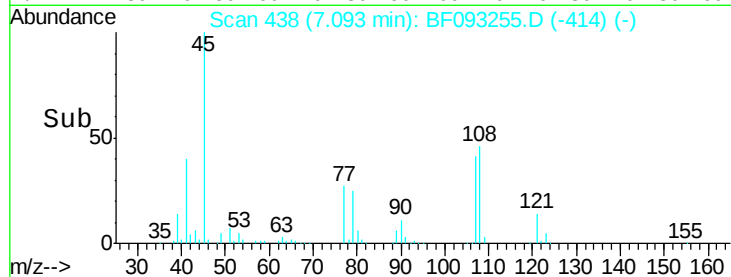
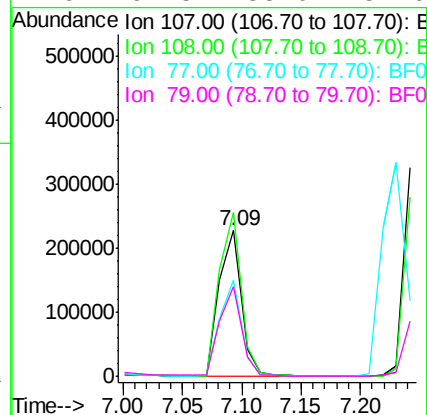
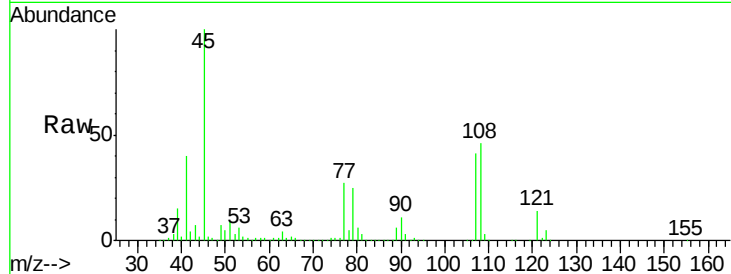
#17
2-Methylphenol
Concen: 36.69 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	291866		
108	113.2	93.0	139.6	
77	66.5	39.8	59.8	
79	61.5	38.0	57.0	

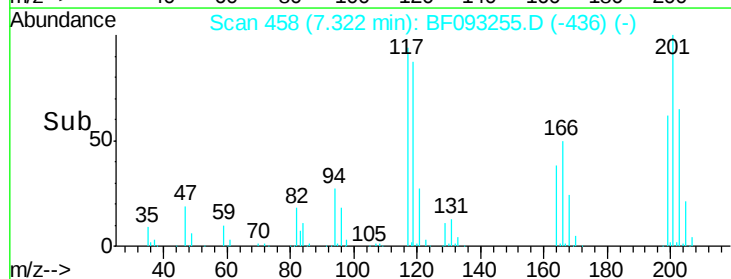
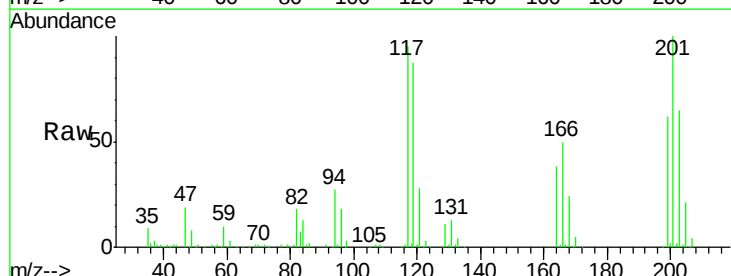
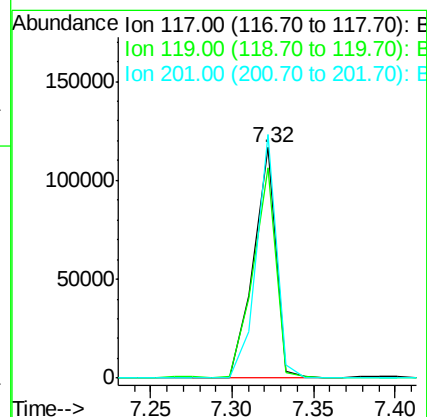
Manual Integrations
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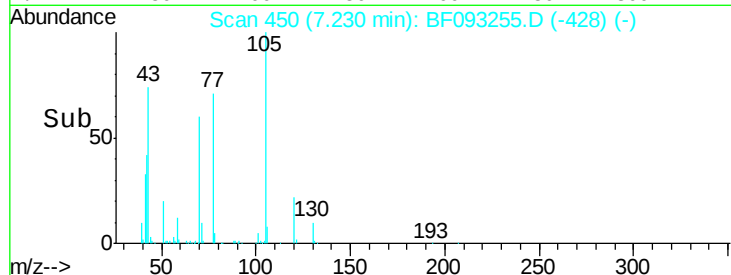
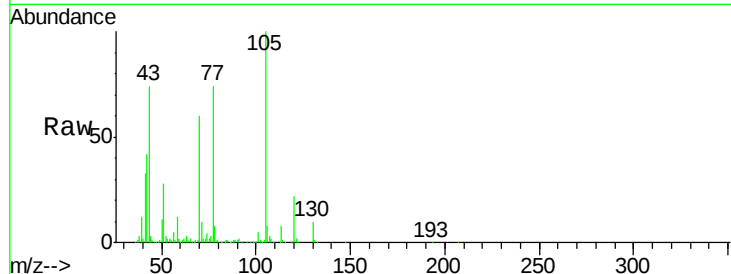
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#18
Hexachloroethane
Concen: 29.81 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111860		
119	91.4	78.1	117.1	
201	105.7	78.6	117.8	





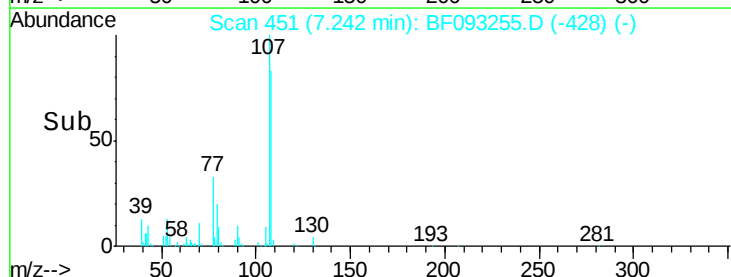
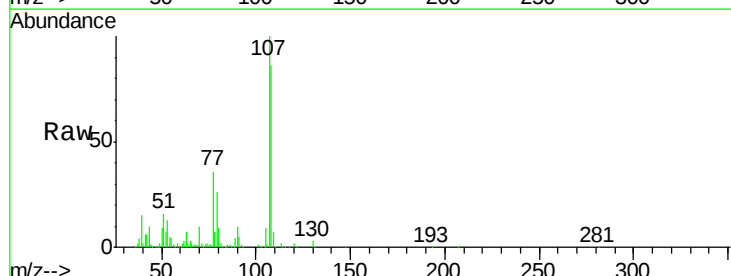
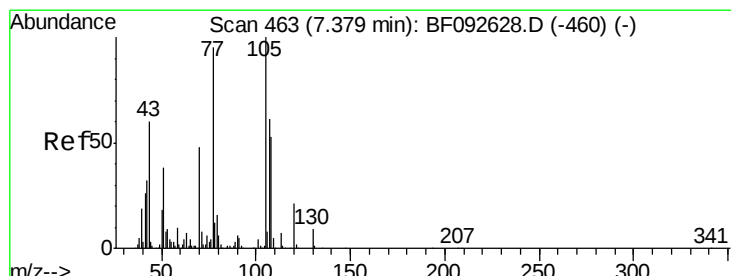
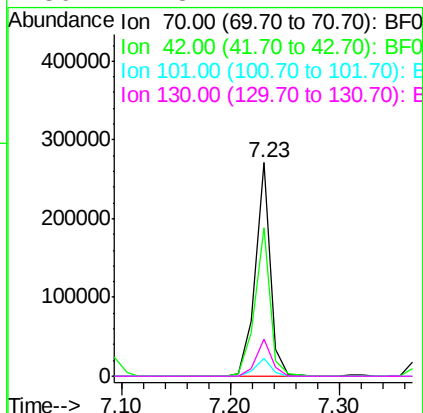
#19
n-Nitroso-di-n-propylamine
Concen: 38.20 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Manual Integrations
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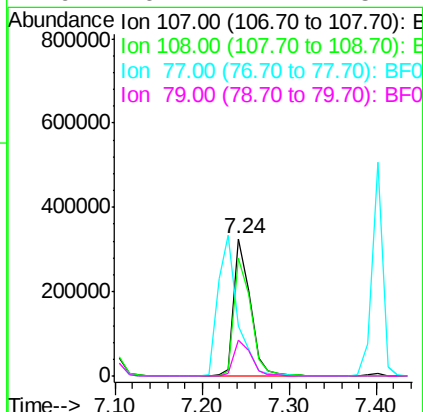
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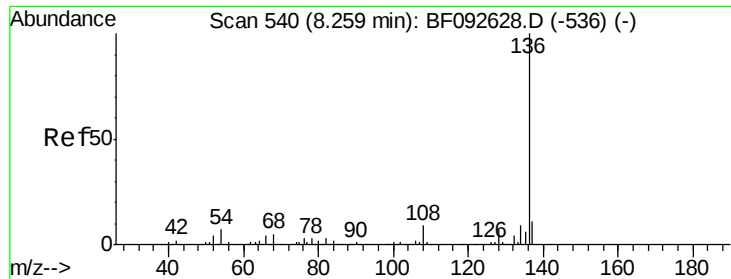
Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.3	49.4	74.0
101	8.7	7.4	11.2
130	17.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.83 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.0	113.0
77	36.2	71.3	111.3#
79	26.4	11.1	51.1





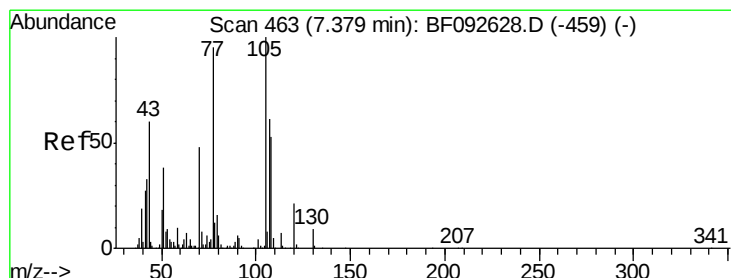
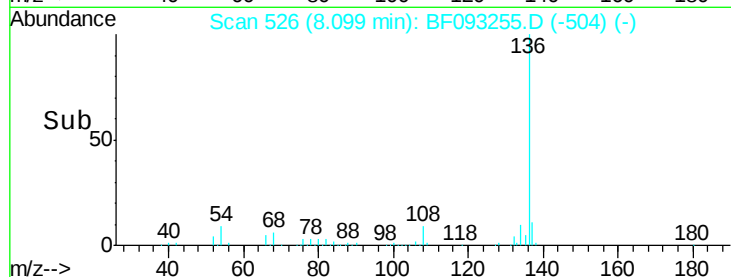
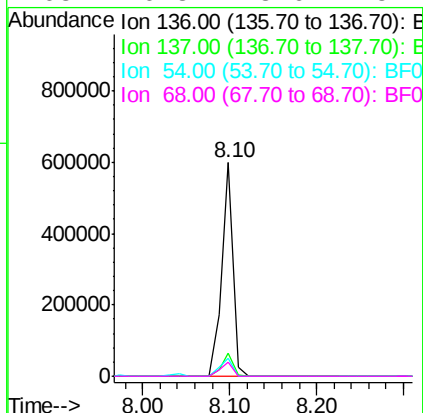
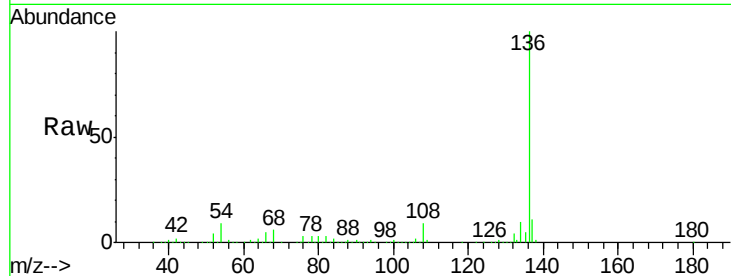
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	550693		
137	10.9	8.4	12.6	
54	8.7	4.5	6.7#	
68	6.3	3.6	5.4#	

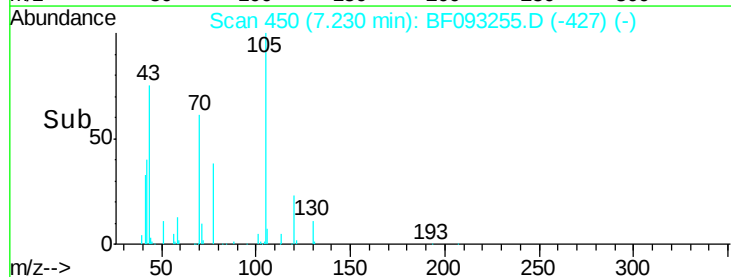
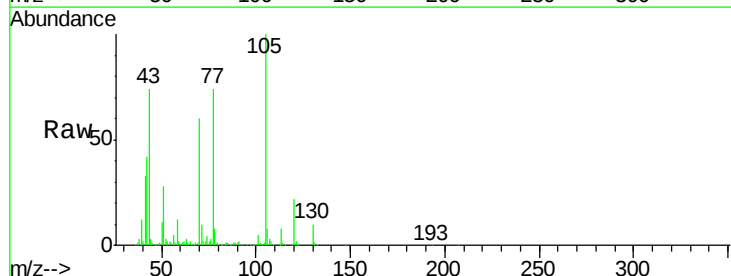
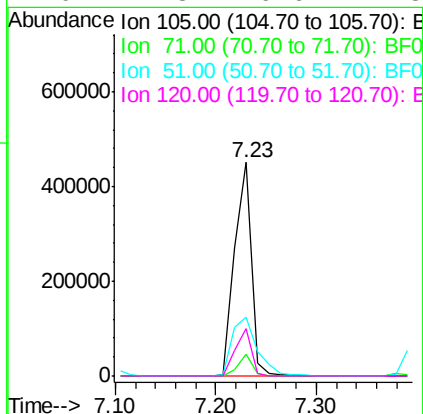
Manual Integrations
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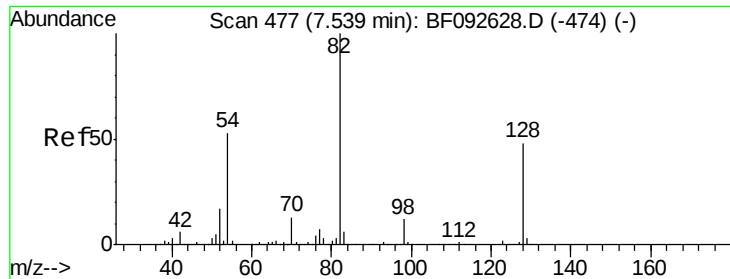
mohammad
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#22
Acetophenone
Concen: 41.65 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523735		
71	10.2	3.2	4.8#	
51	27.7	26.2	39.4	
120	22.3	16.6	24.8	





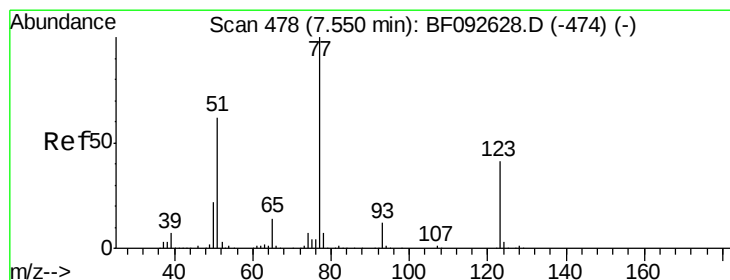
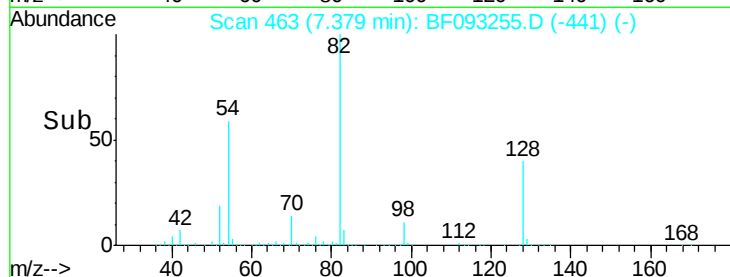
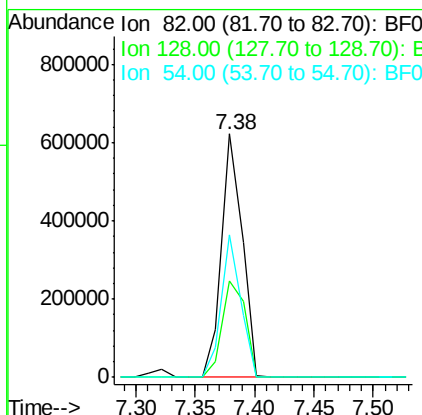
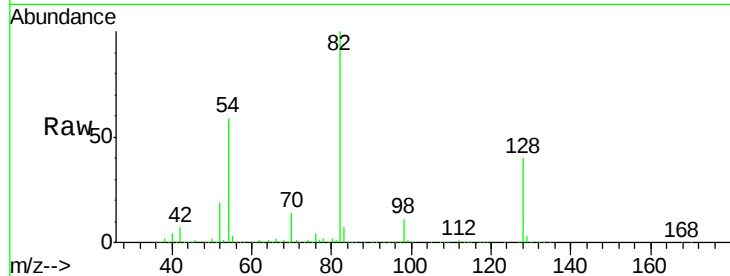
#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	58.7	39.5	59.3

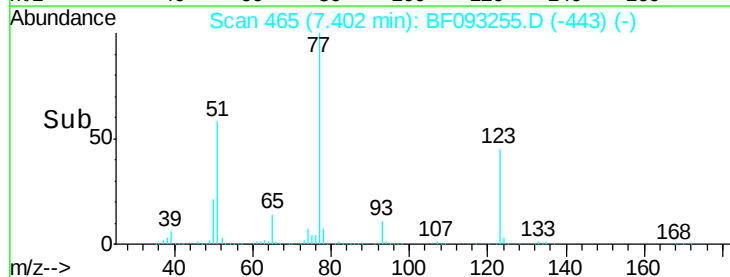
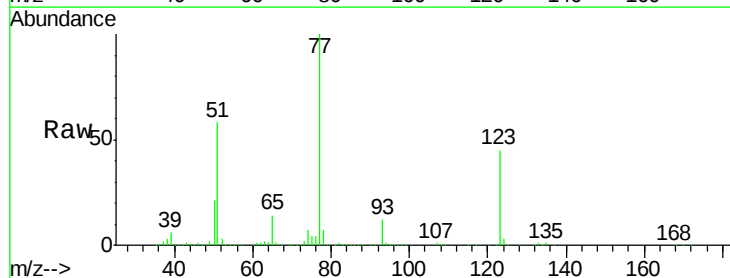
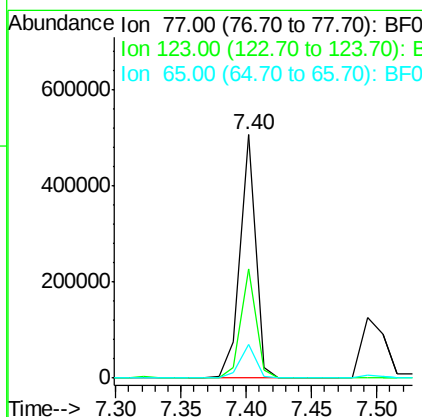
Manual Integrations
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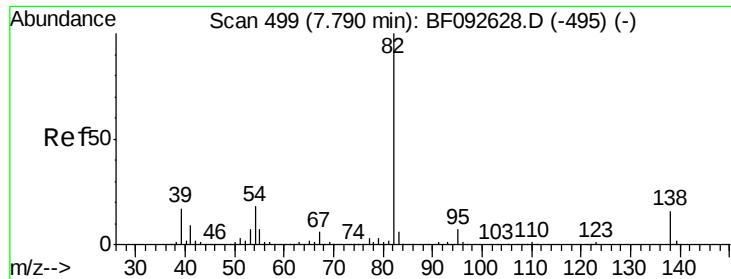
mohammad
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#24
 Nitrobenzene
 Concen: 41.09 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 40.02 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

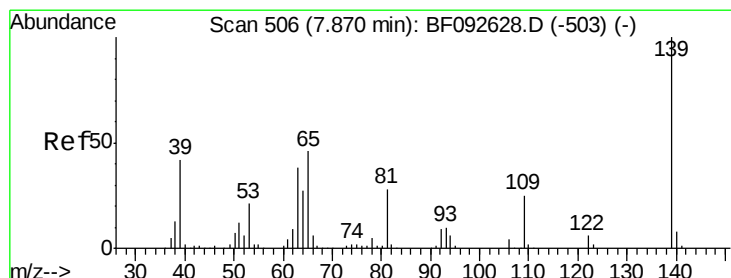
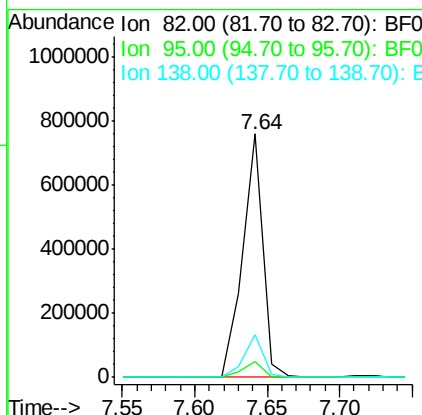
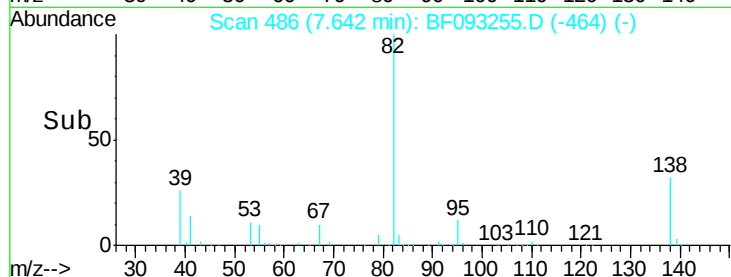
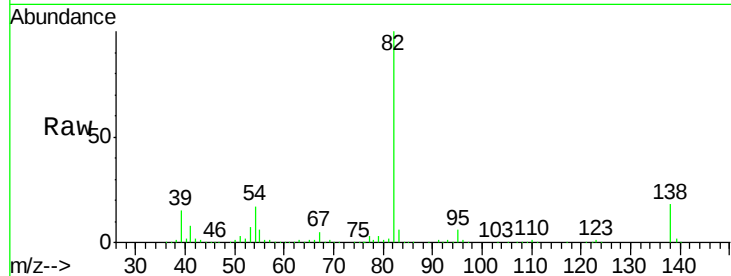
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	82	Resp:	737517
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.95 ng

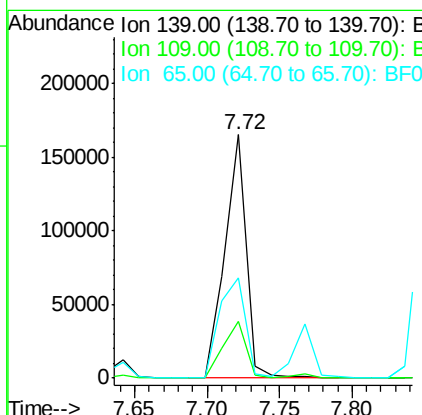
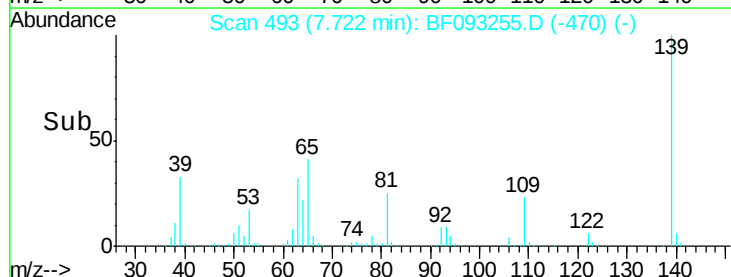
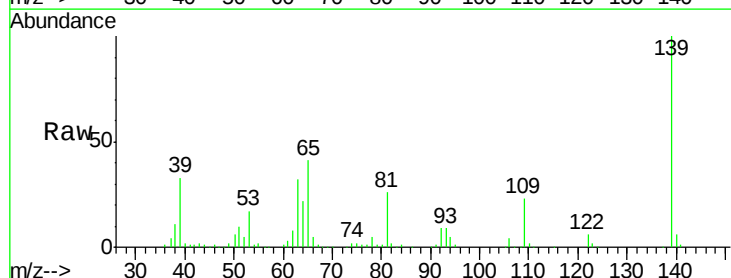
RT: 7.72 min Scan# 493

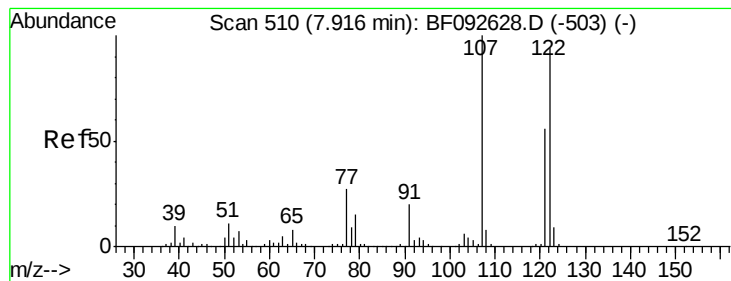
Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	139	Resp:	168715
Ion Ratio	Lower	Upper	
139	100		
109	23.1	23.3	34.9#
65	41.1	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 40.36 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

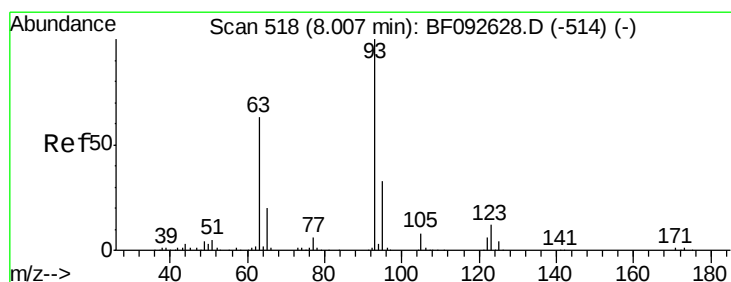
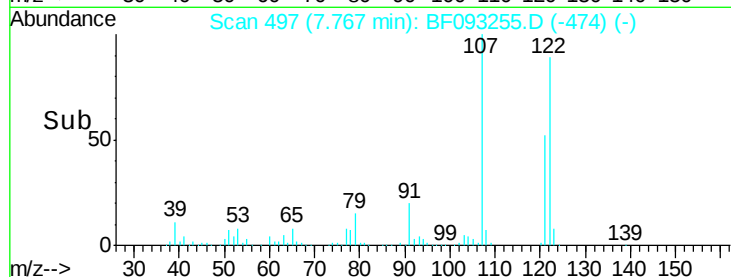
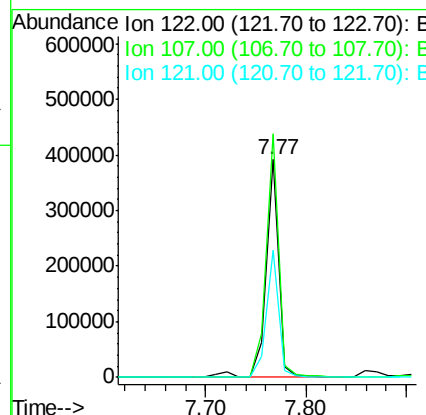
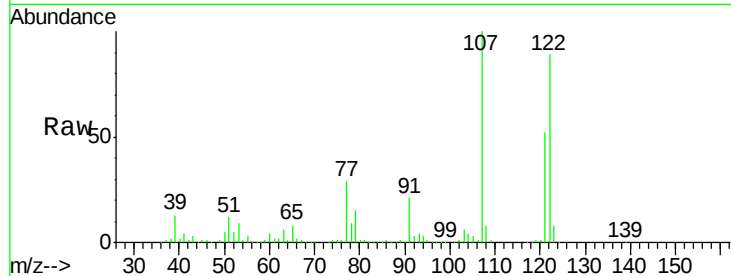
ClientSampleId :

TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	342156		
107	111.9	94.1	141.1	
121	58.4	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 34.34 ng

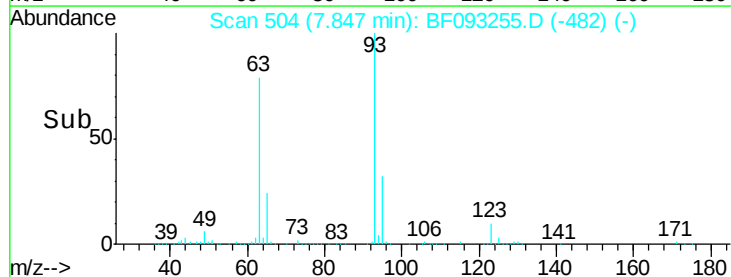
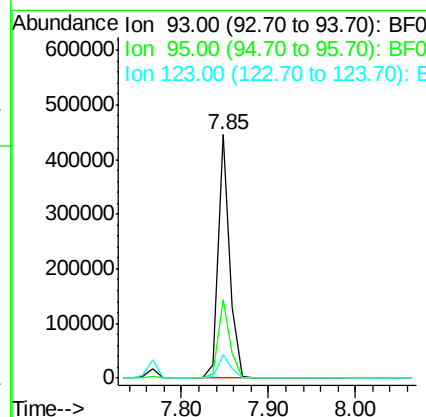
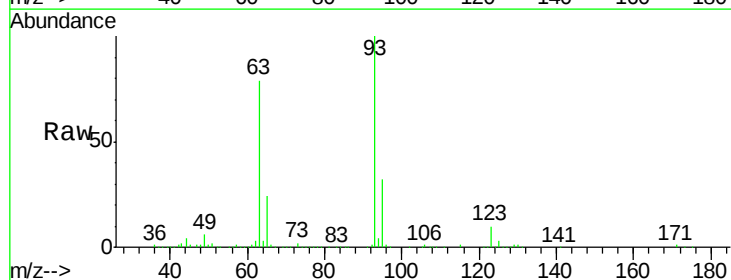
RT: 7.85 min Scan# 504

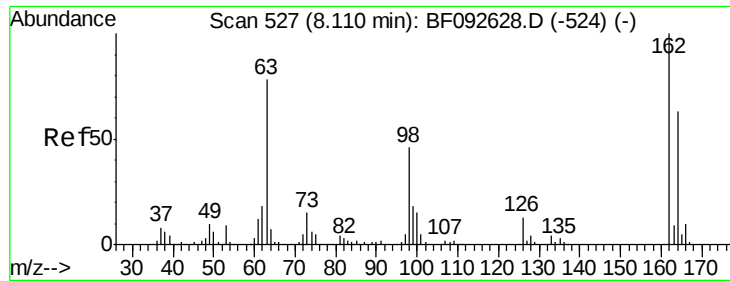
Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	419087		
95	32.4	26.5	39.7	
123	9.6	8.6	13.0	





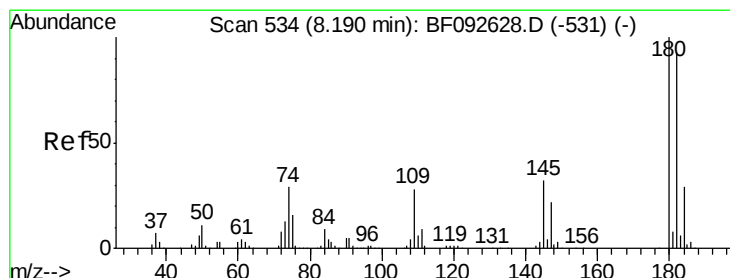
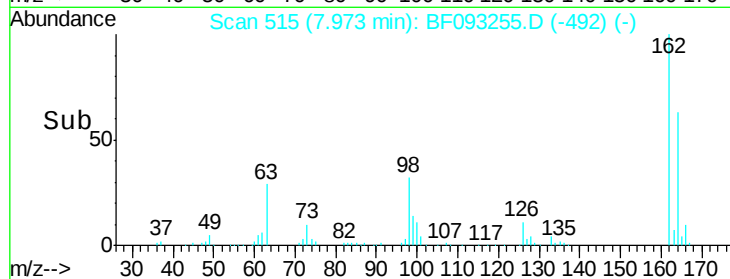
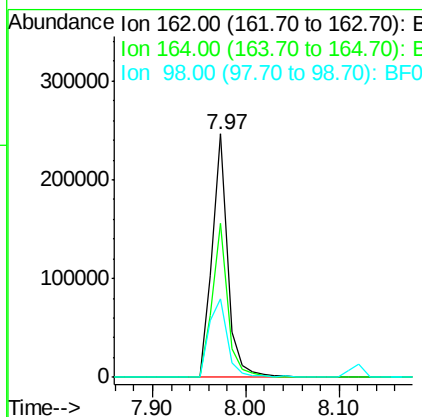
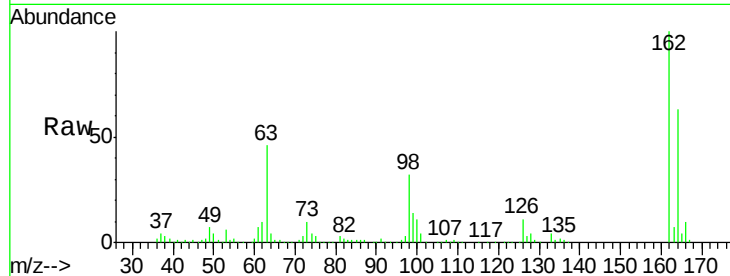
#29
 2,4-Dichlorophenol
 Concen: 36.32 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	287161		
164	63.3	46.8	86.8	
98	32.4	9.1	49.1	

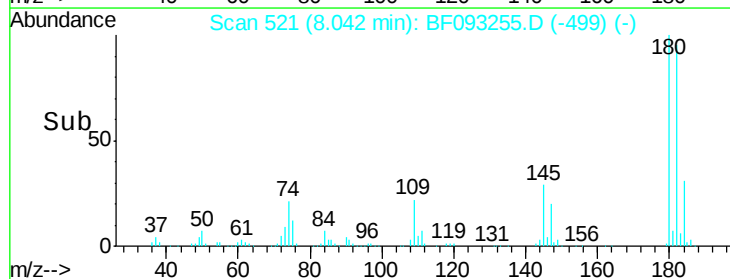
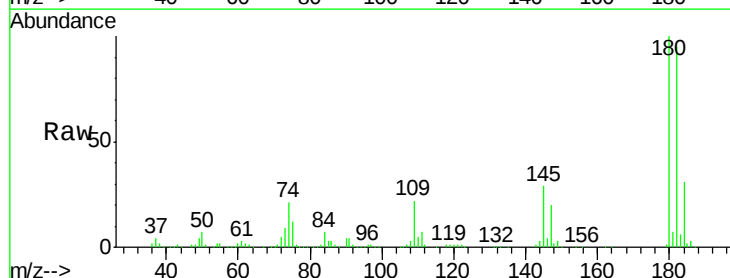
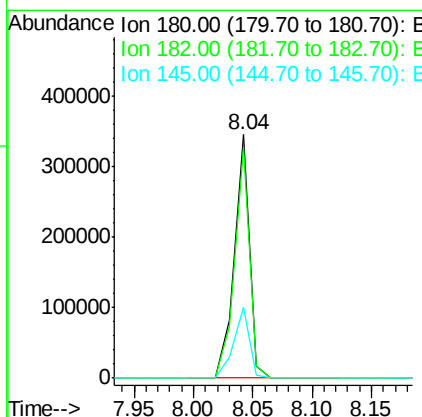
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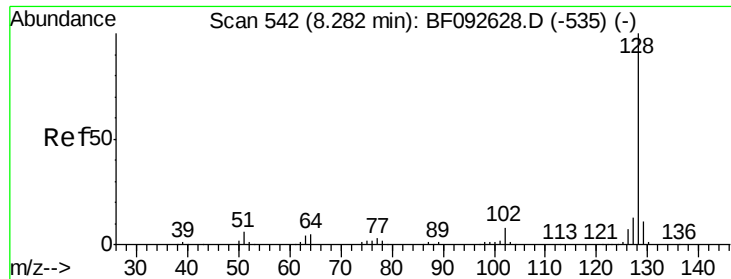
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.98 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306559		
182	94.8	78.2	117.4	
145	28.9	21.6	32.4	





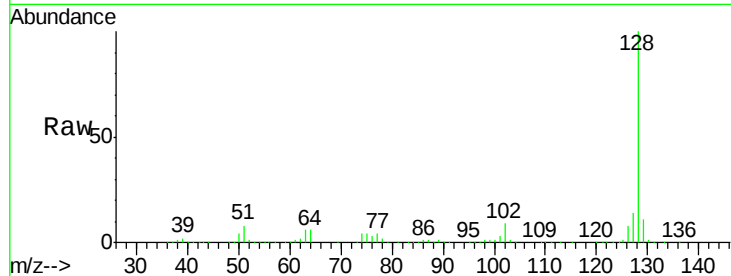
#31
Naphthalene
Concen: 37.37 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

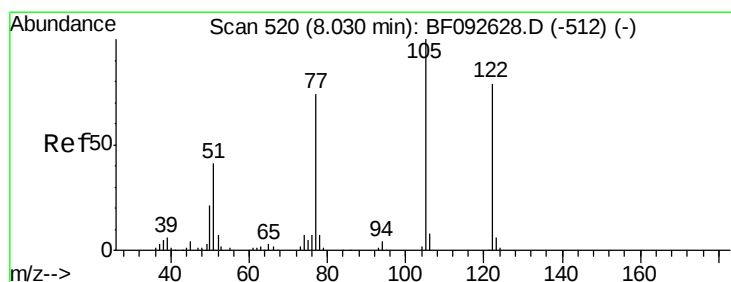
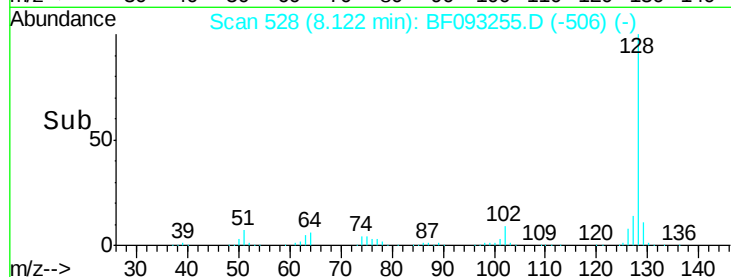
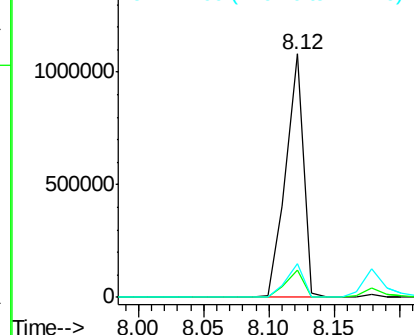
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.8	10.8	16.2

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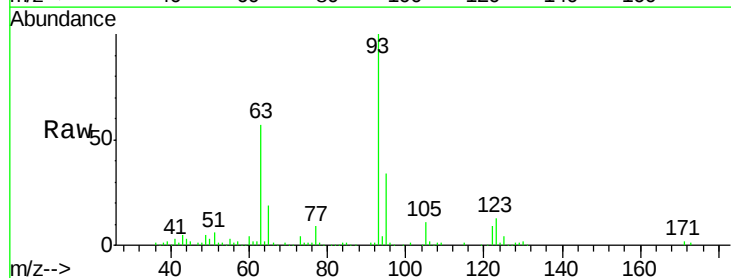


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

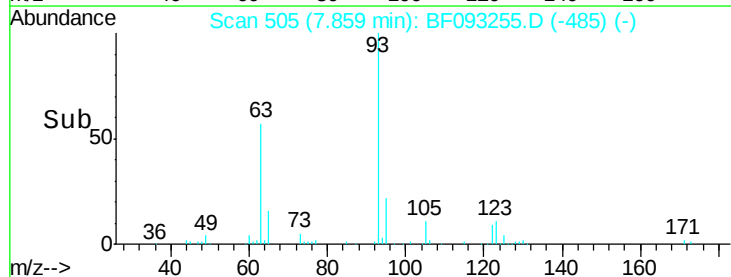
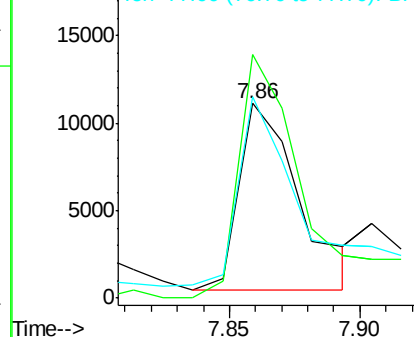


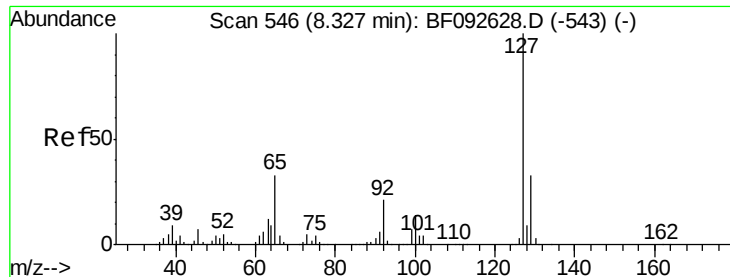
#32
Benzoic acid
Concen: 10.20 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	107.2	147.2
77	103.7	74.5	114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





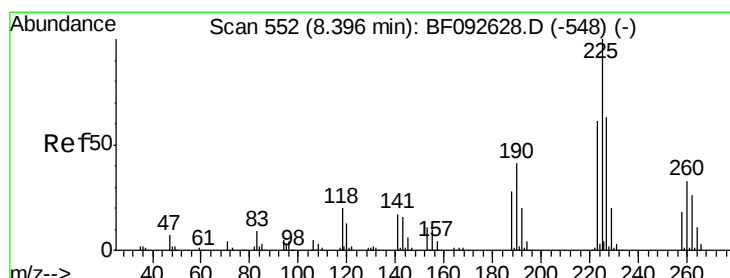
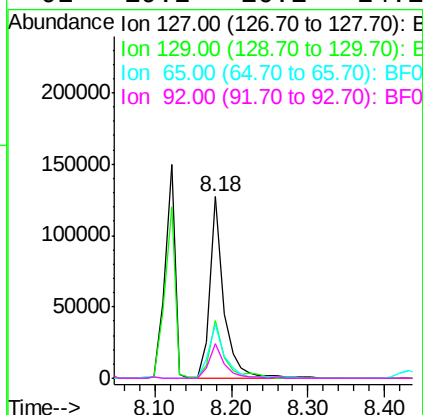
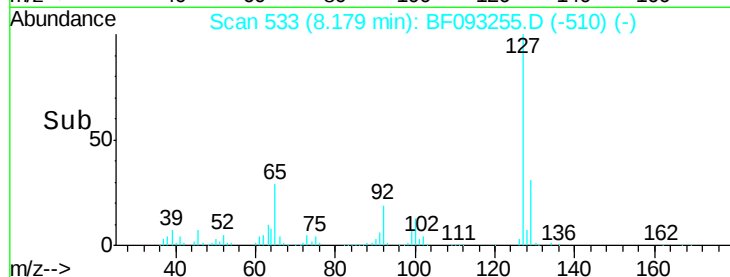
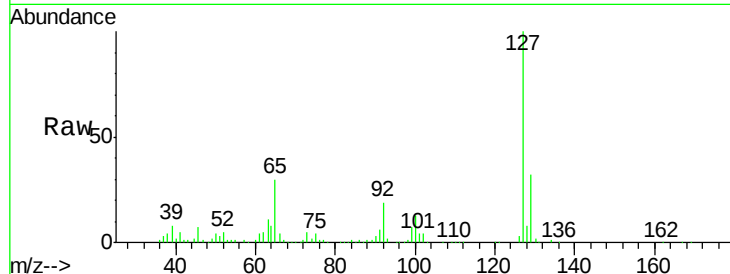
#33
4-Chloroaniline
Concen: 14.64 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	160248		
129	32.1	26.3	39.5	
65	29.8	25.8	38.8	
92	19.2	16.1	24.1	

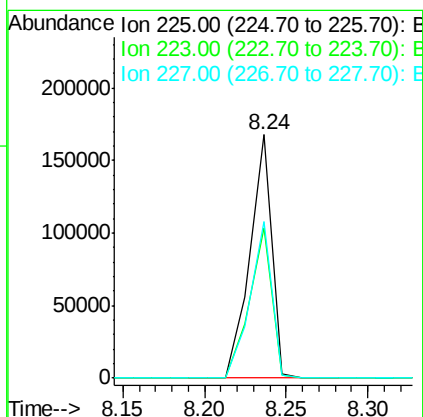
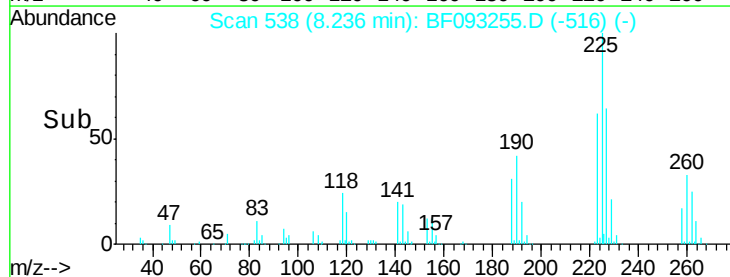
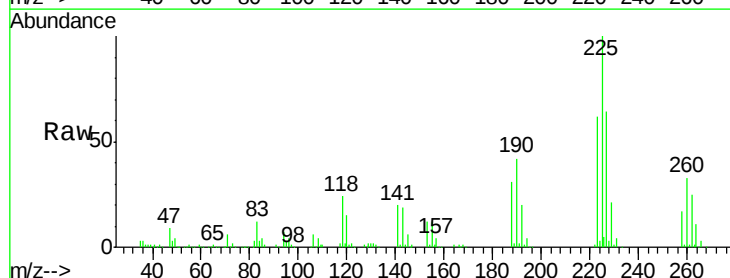
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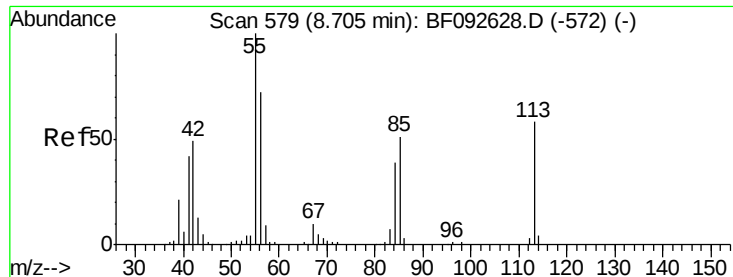
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#34
Hexachlorobutadiene
Concen: 33.29 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156047		
223	61.6	51.0	76.6	
227	64.3	50.6	76.0	





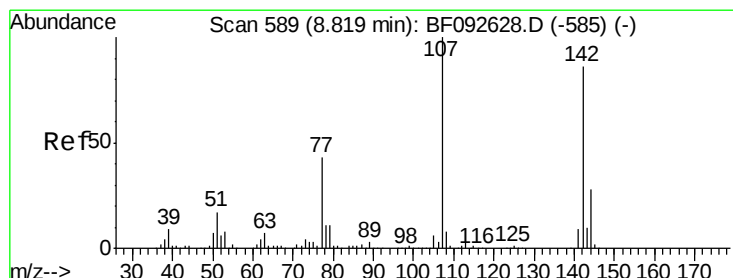
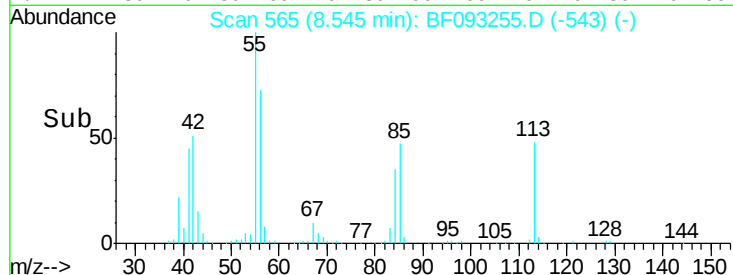
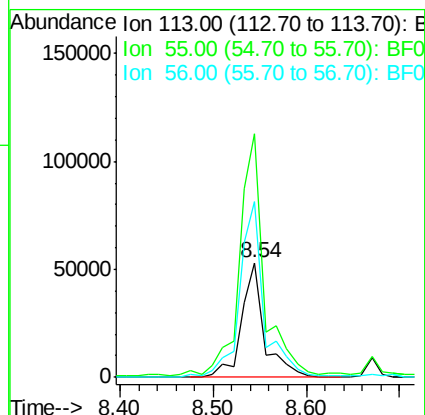
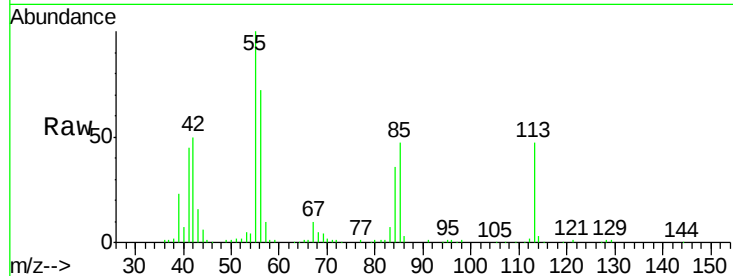
#35
 Caprolactam
 Concen: 36.22 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion:113 Resp: 90077
 Ion Ratio Lower Upper
 113 100
 55 212.2 119.2 159.2#
 56 153.6 83.8 123.8#

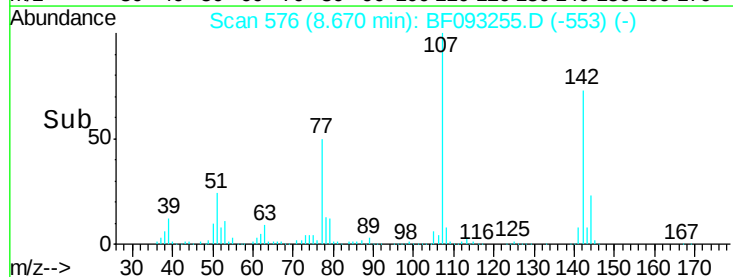
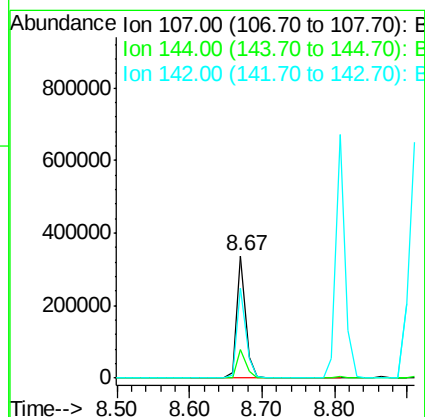
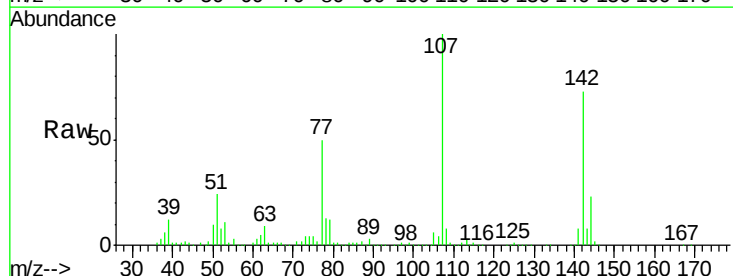
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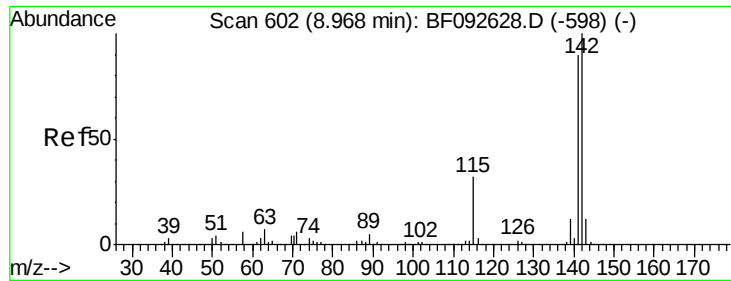
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#36
 4-Chloro-3-methylphenol
 Concen: 35.10 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion:107 Resp: 289297
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 73.0 59.0 88.6





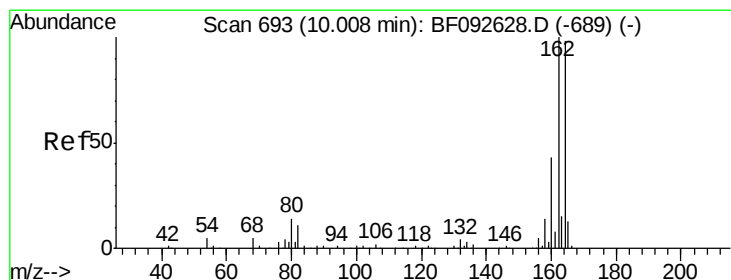
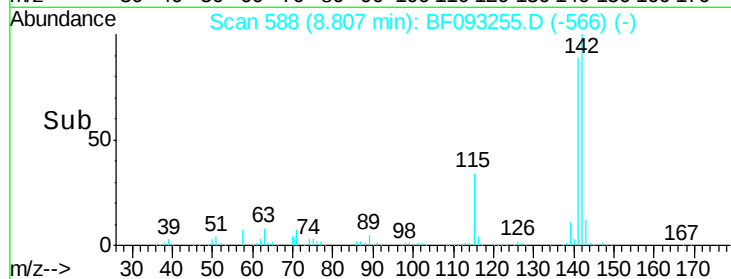
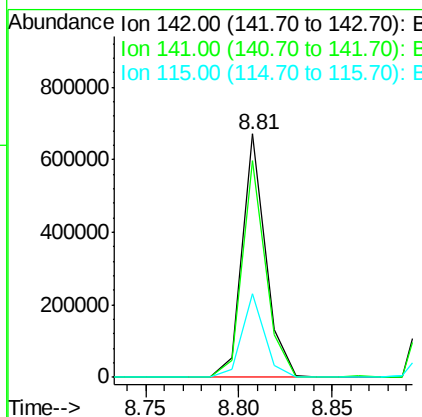
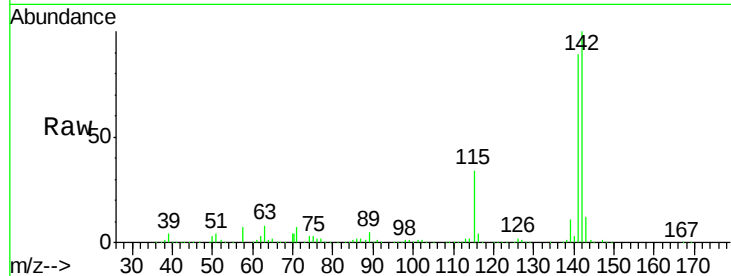
#37
 2-Methylnaphthalene
 Concen: 32.90 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	589621		
141	89.0	71.0	106.6	
115	34.2	28.3	42.5	

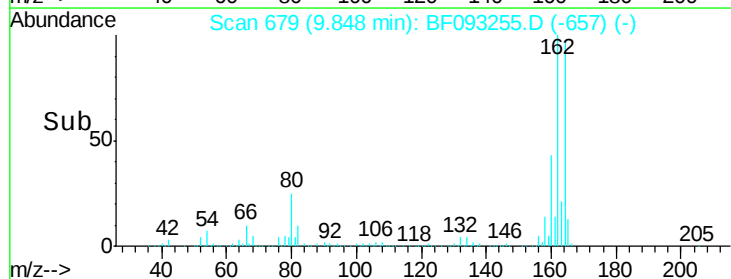
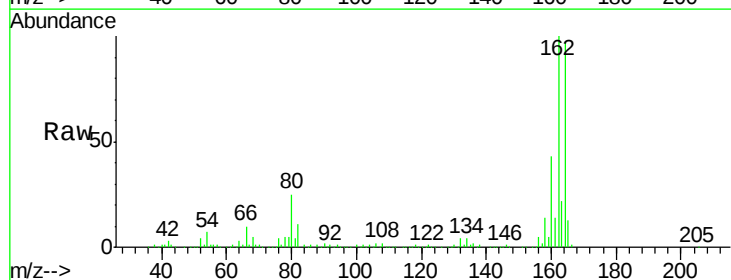
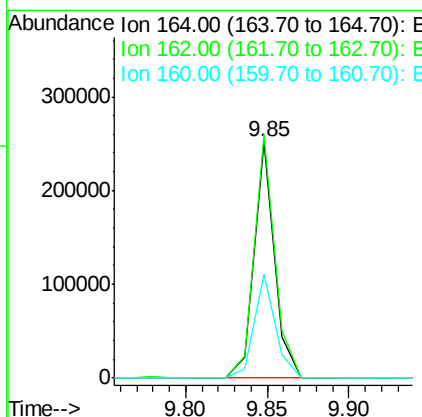
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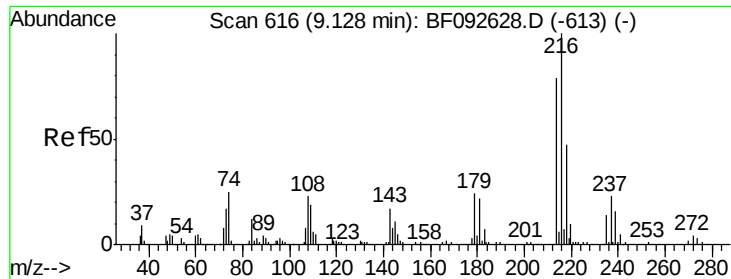
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218891		
162	103.2	80.2	120.2	
160	44.2	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.40 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

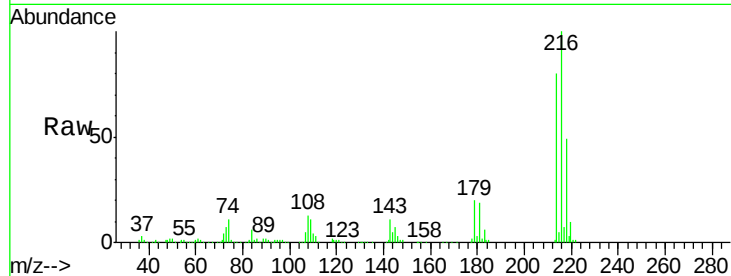
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	216	Resp:	272800
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.4	95.0
179	21.1	17.4	26.2
108	17.2	15.6	23.4

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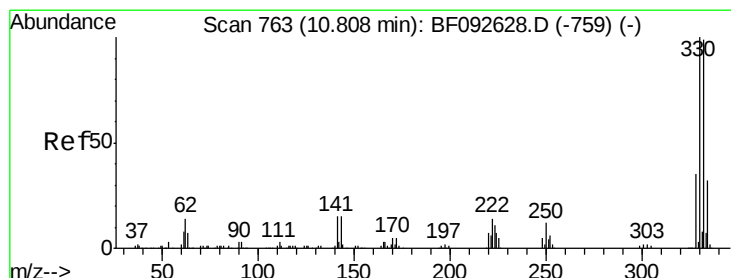
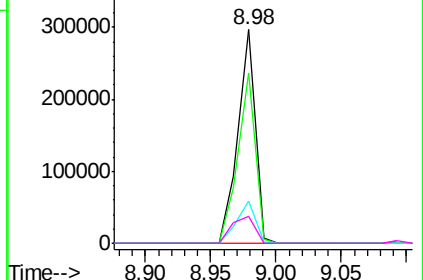
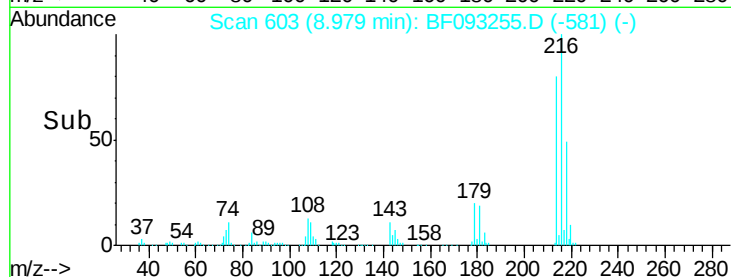


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 114.41 ng

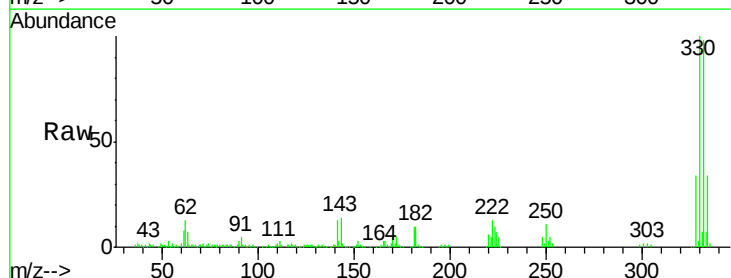
RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

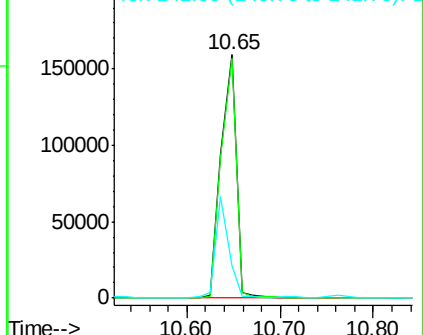
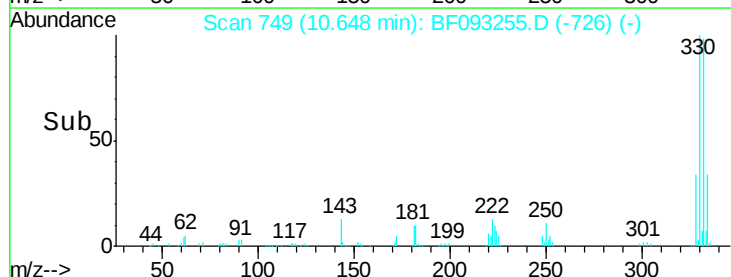
Tgt Ion:	330	Resp:	181132
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.4	116.2
141	35.5	34.1	51.1

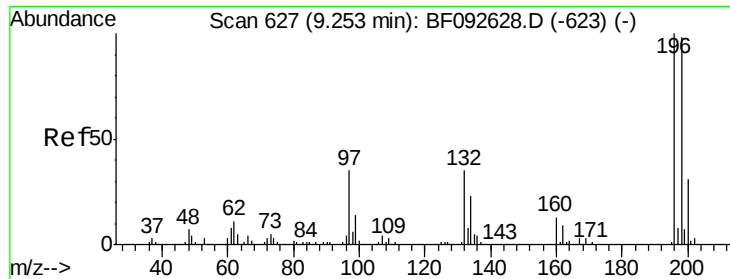


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





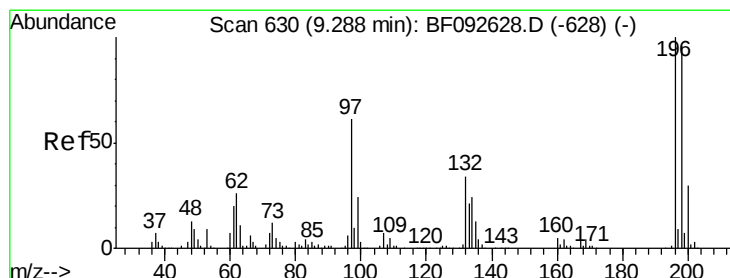
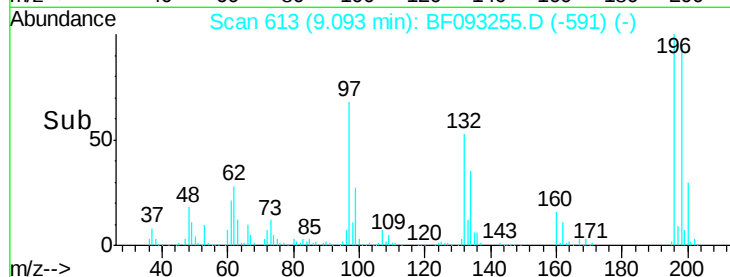
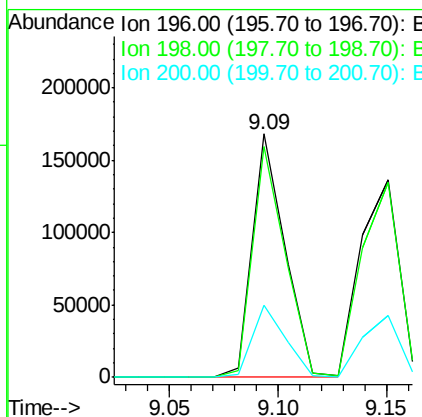
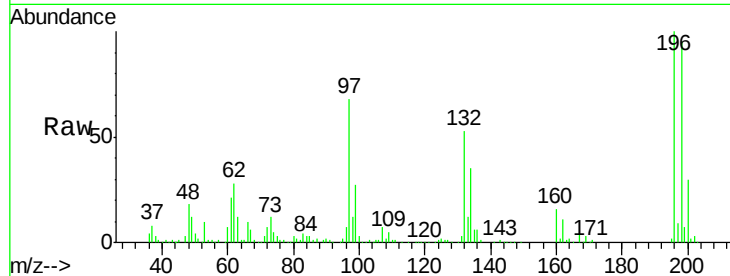
#42
2,4,6-Trichlorophenol
Concen: 43.53 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175759		
198	94.8	82.1	123.1	
200	29.6	27.0	40.4	

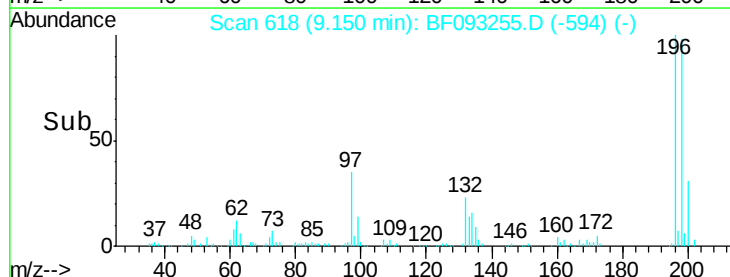
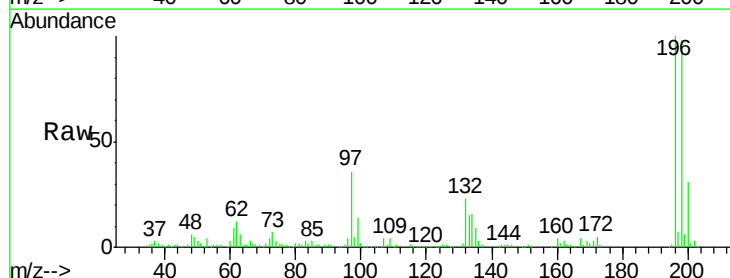
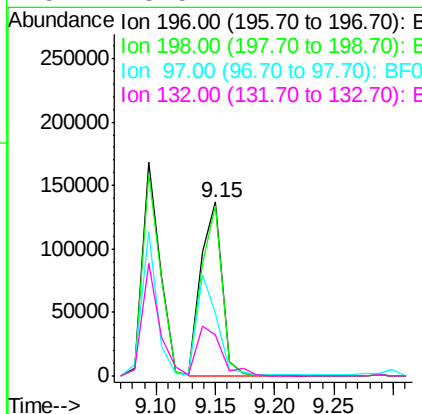
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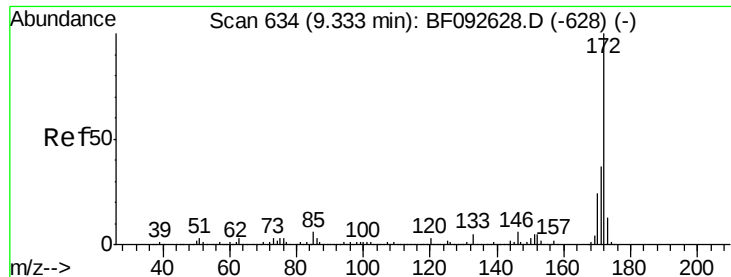
mohammad
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#43
2,4,5-Trichlorophenol
Concen: 38.77 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171516		
198	98.3	79.4	119.2	
97	35.7	51.5	77.3#	
132	23.5	27.4	41.2#	





#44

2-Fluorobiphenyl

Concen: 89.99 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MS

Tgt Ion:172 Resp: 1087334

Ion Ratio Lower Upper

172 100

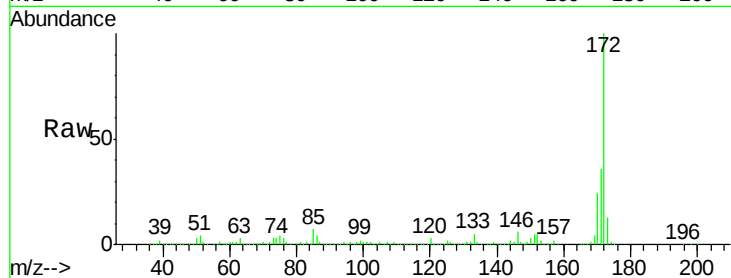
171 36.5 29.4 44.0

170 23.7 20.2 30.4

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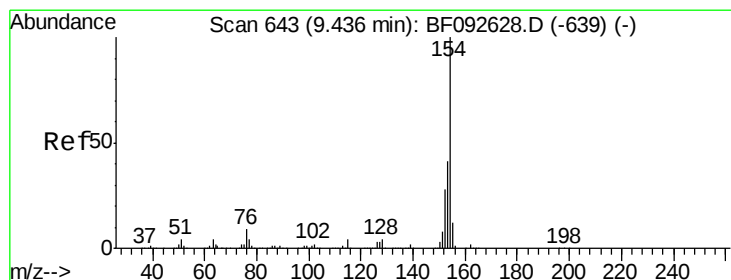
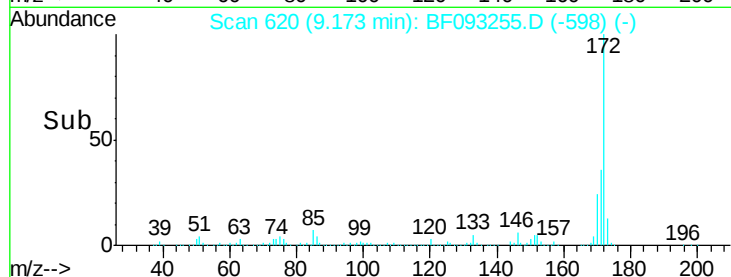
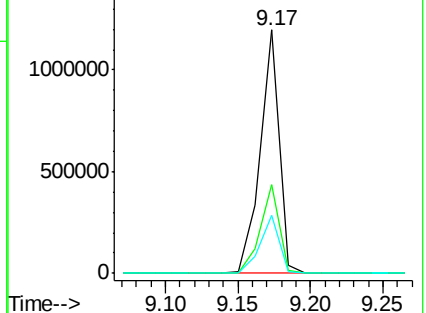
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.01 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

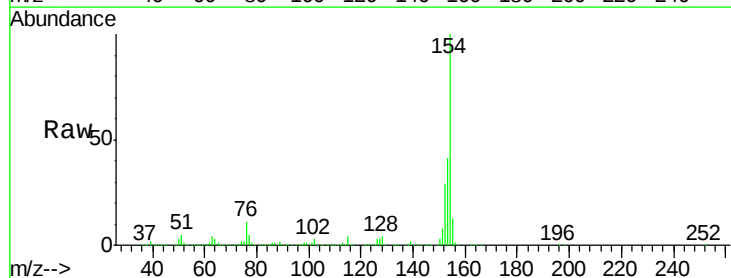
Tgt Ion:154 Resp: 729327

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

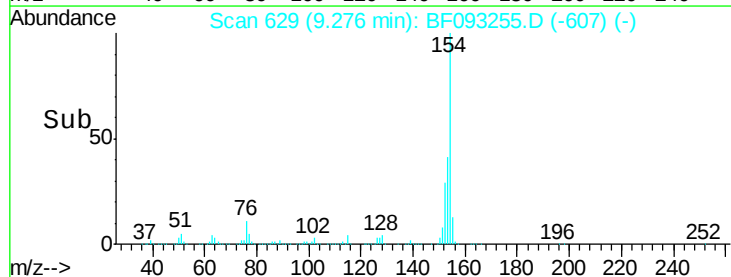
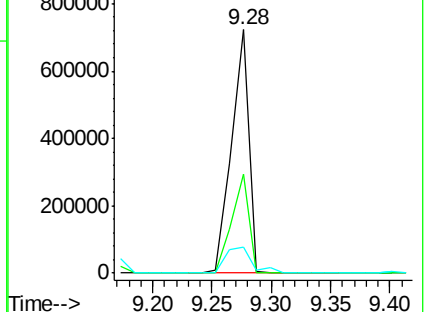
76 10.9 0.0 30.5

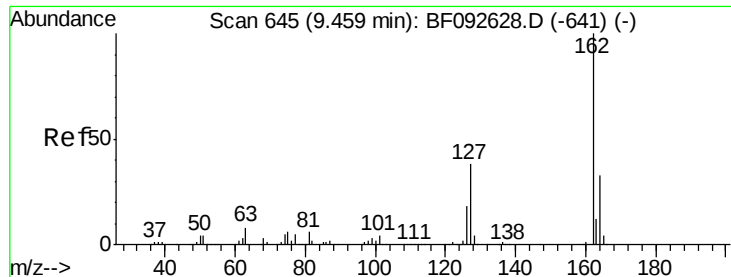


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





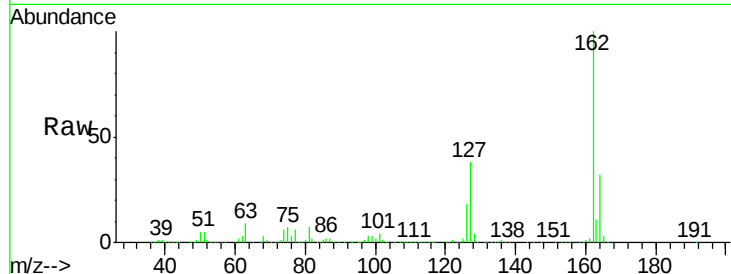
#46
2-Chloronaphthalene
Concen: 45.51 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

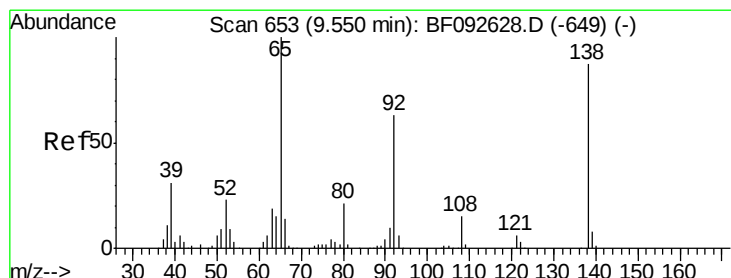
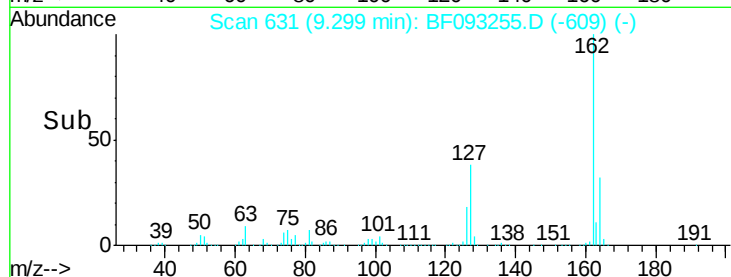
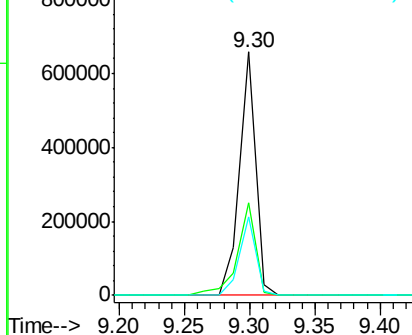
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	32.4	27.6	41.4

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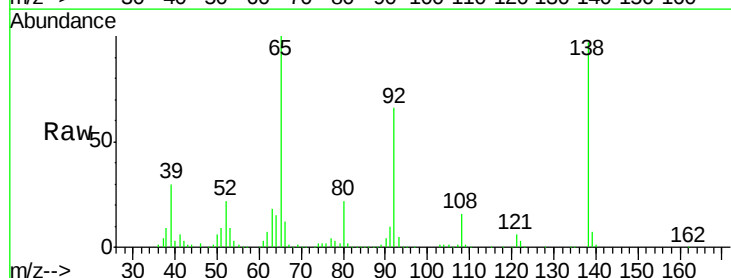


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

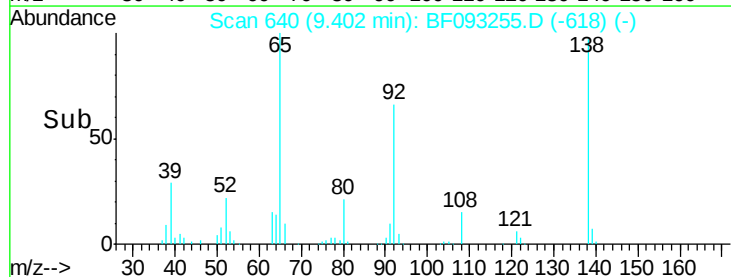
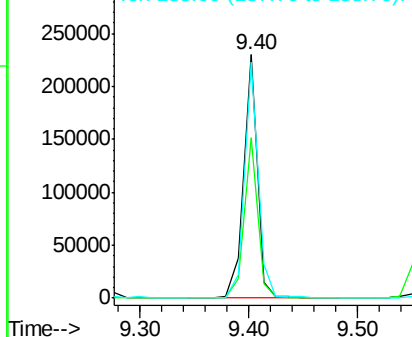


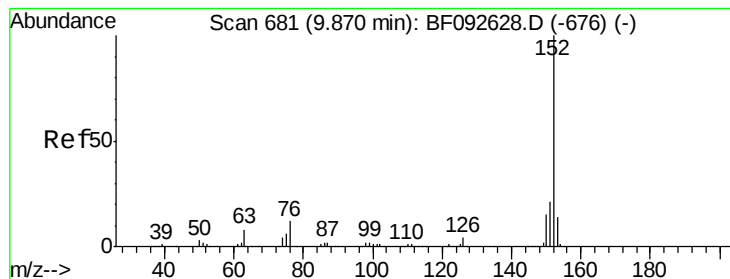
#47
2-Nitroaniline
Concen: 47.29 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	96.7	76.8	115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 49.75 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

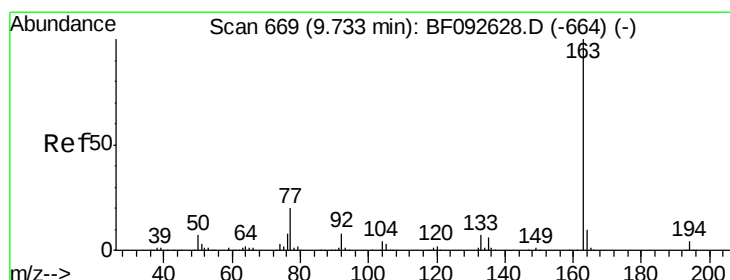
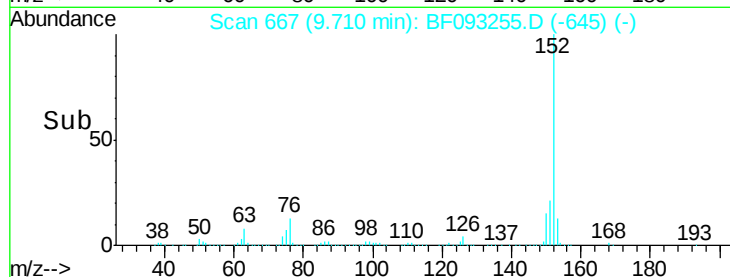
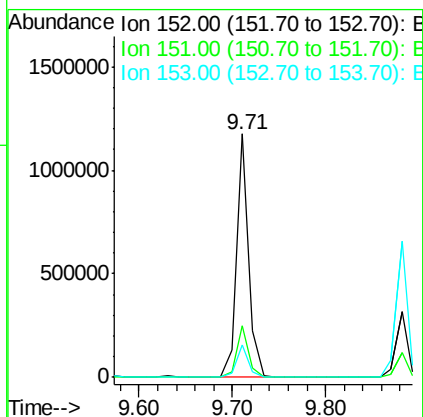
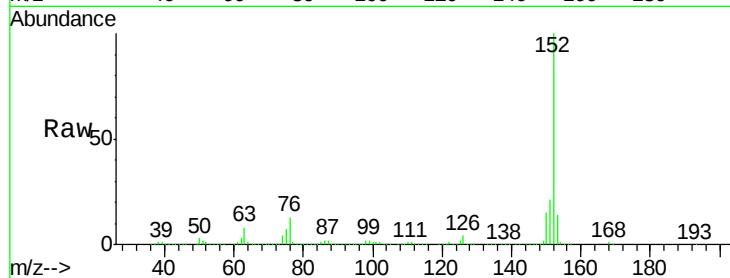
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	152	Resp:	1065636
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.4	17.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 48.88 ng

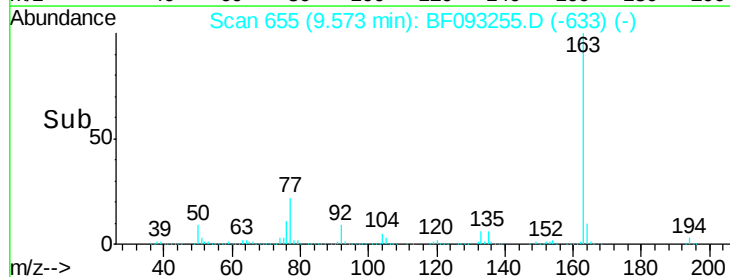
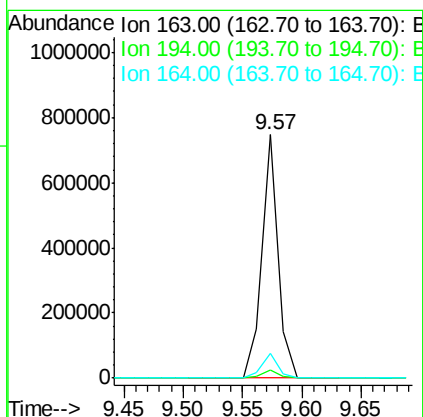
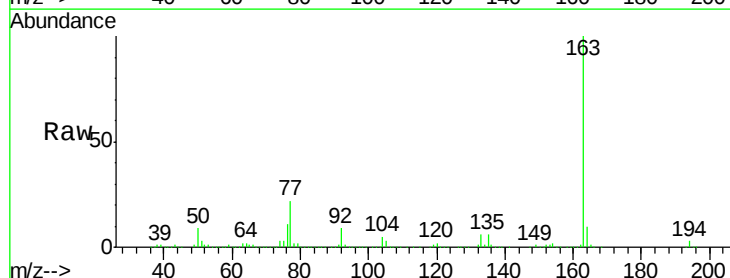
RT: 9.57 min Scan# 655

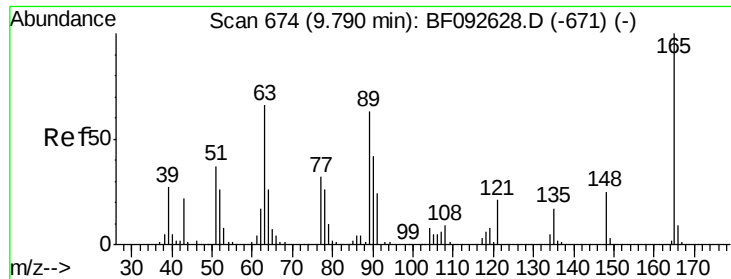
Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	163	Resp:	720696
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0





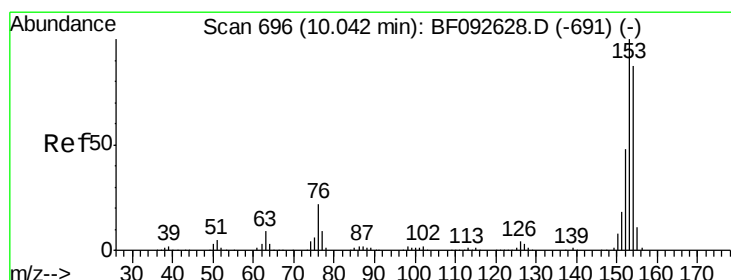
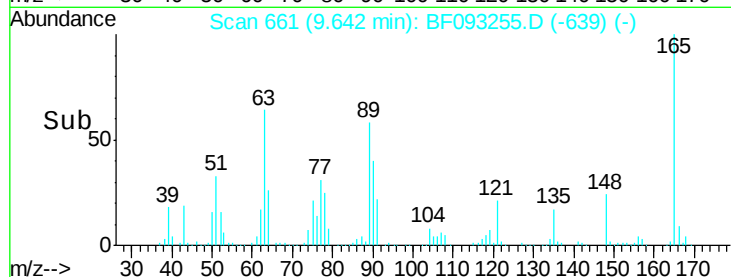
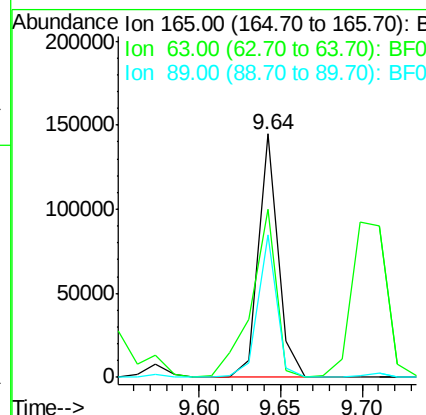
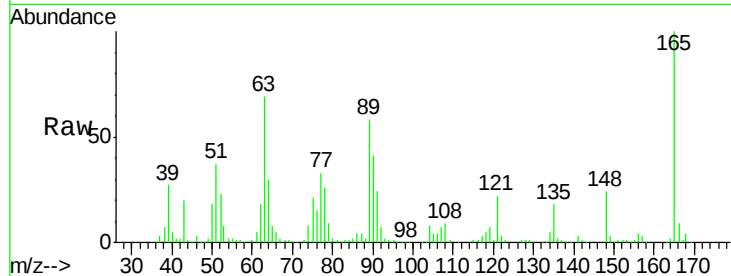
#50
 2,6-Dinitrotoluene
 Concen: 38.38 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122202		
63	69.2	36.2	54.4#	
89	58.4	40.2	60.4	

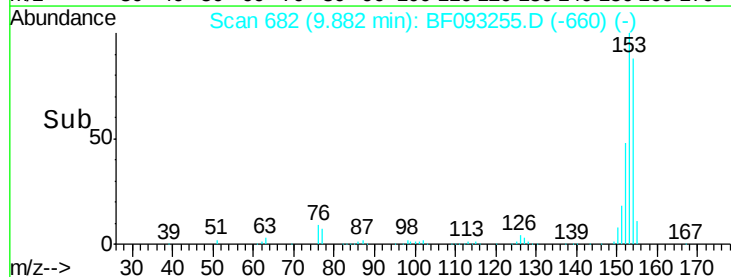
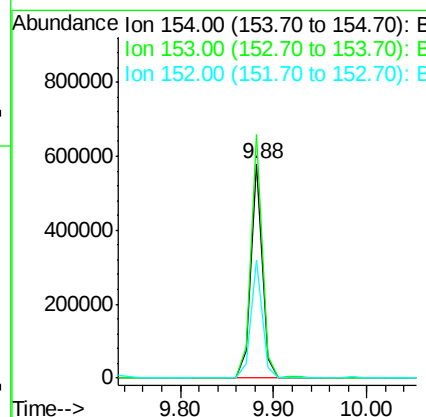
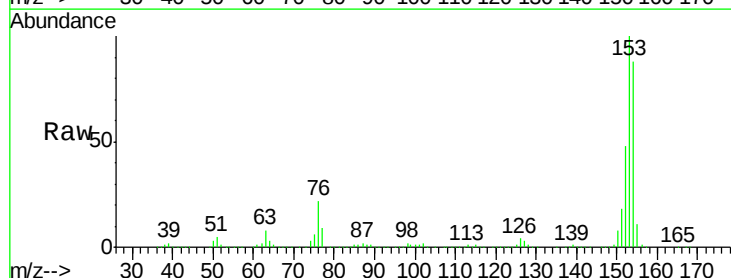
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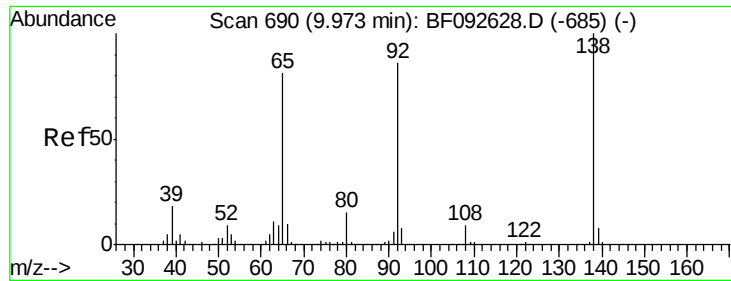
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#51
 Acenaphthene
 Concen: 38.33 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	490833		
153	113.4	88.6	133.0	
152	54.8	41.6	62.4	





#52

3-Nitroaniline

Concen: 35.89 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

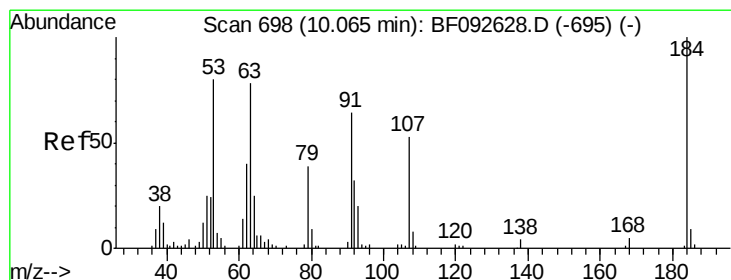
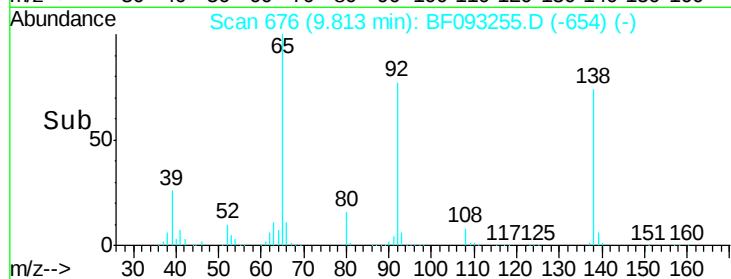
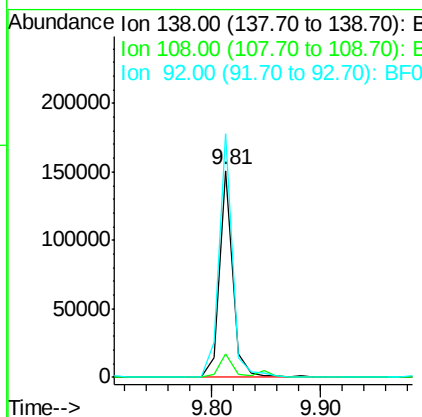
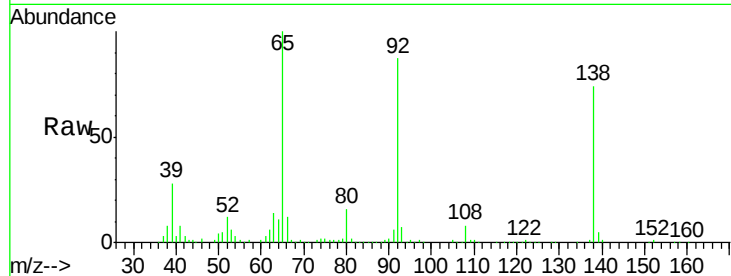
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	138	Resp:	130764
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.5	12.7
92	117.8	97.8	146.8

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#53

2,4-Dinitrophenol

Concen: 4.86 ng

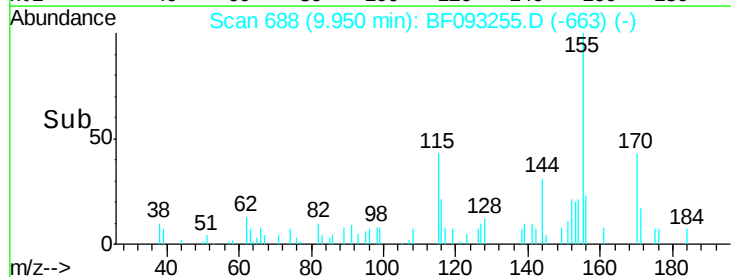
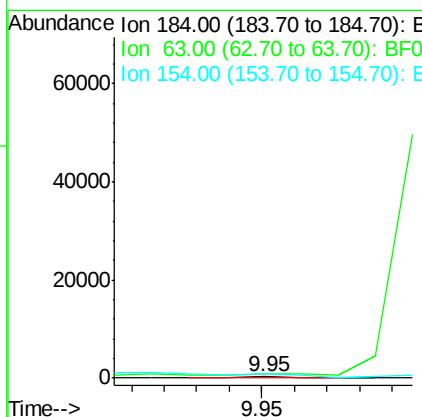
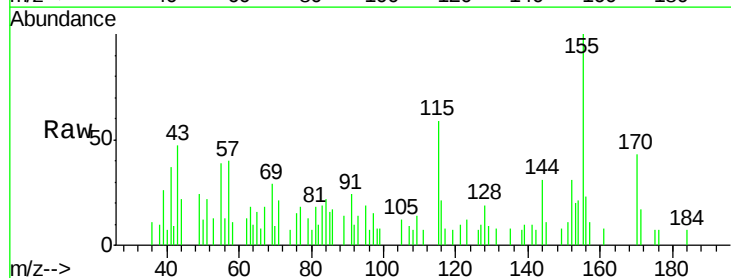
RT: 9.95 min Scan# 688

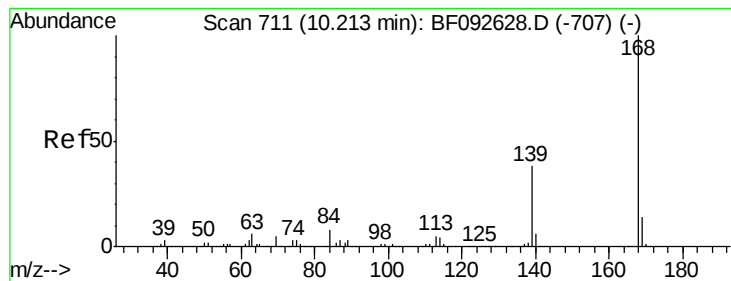
Delta R.T. -0.01 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	184	Resp:	222
Ion Ratio	Lower	Upper	
184	100		
63	263.0	28.4	42.6#
154	303.7	44.3	66.5#





#54

Dibenzenofuran

Concen: 40.86 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093255.D

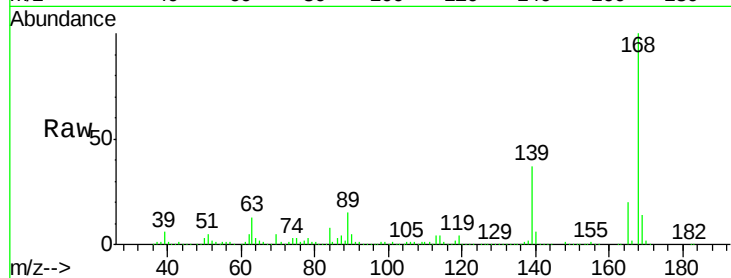
Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MS



Tgt Ion:168 Resp: 699927

Ion Ratio Lower Upper

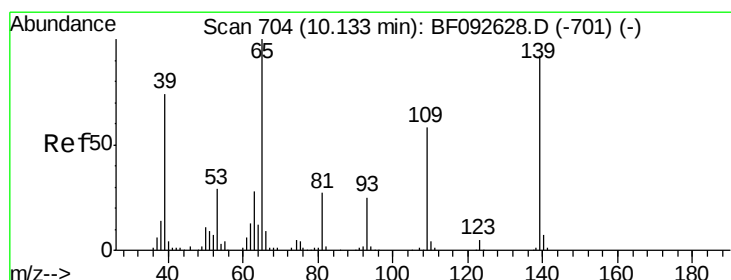
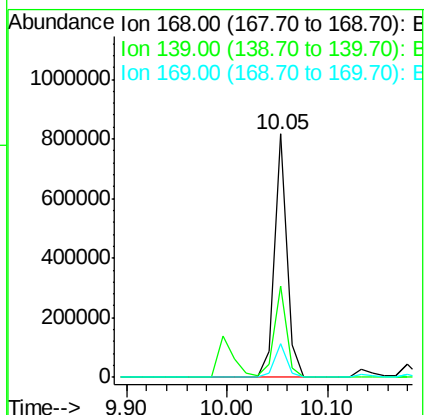
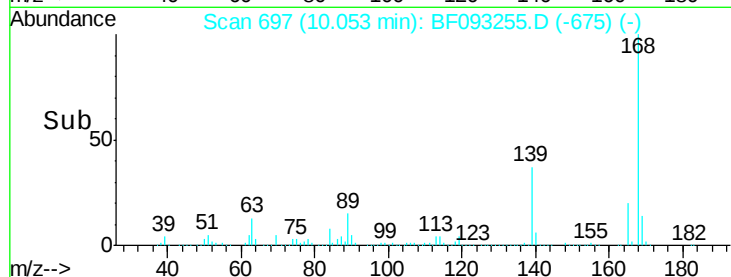
168 100

139 37.3 32.6 49.0

169 13.7 11.3 16.9

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#55

4-Nitrophenol

Concen: 59.34 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

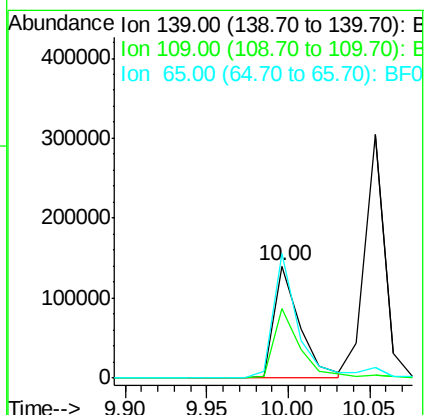
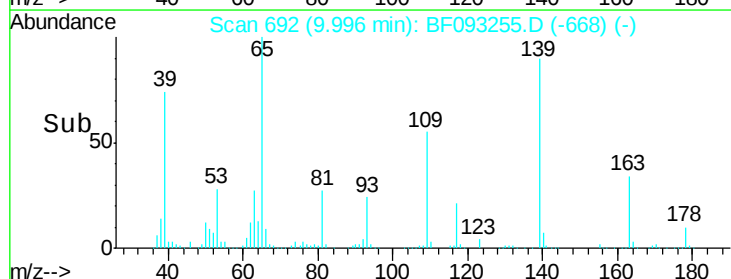
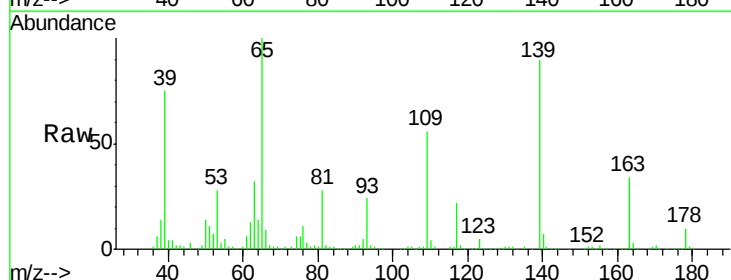
Tgt Ion:139 Resp: 155736

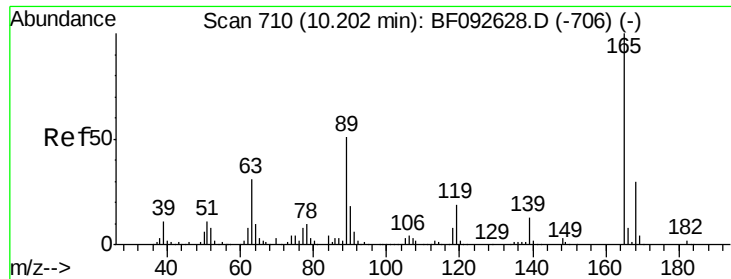
Ion Ratio Lower Upper

139 100

109 62.2 52.2 92.2

65 111.4 85.8 125.8





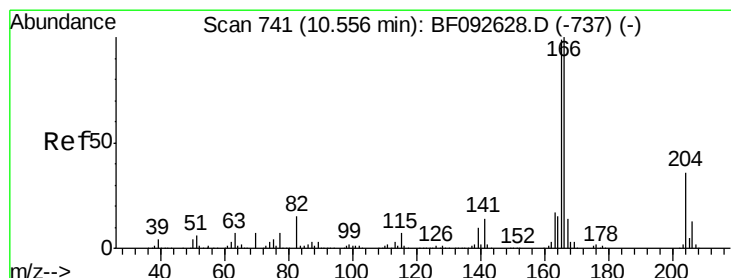
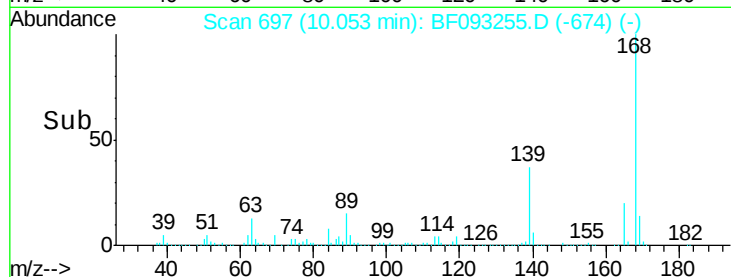
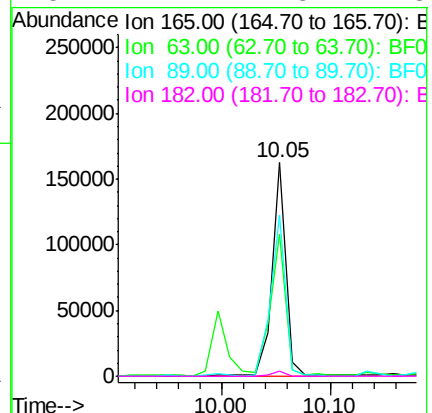
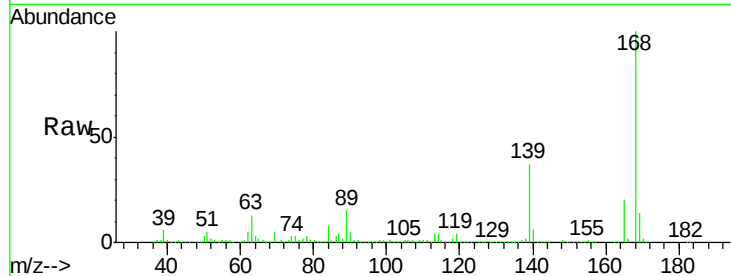
#56
2,4-Dinitrotoluene
Concen: 34.31 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.6	40.2	60.4#
89	75.7	62.5	93.7
182	2.2	1.8	2.8

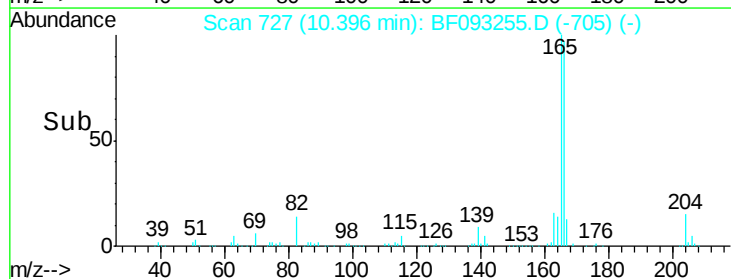
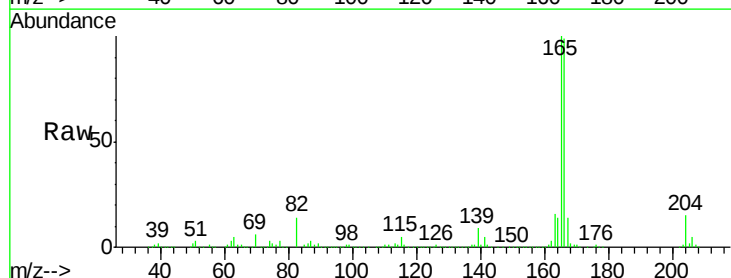
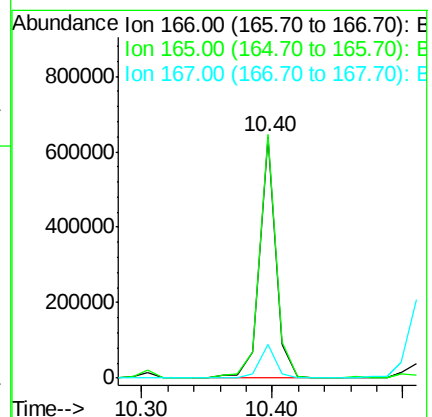
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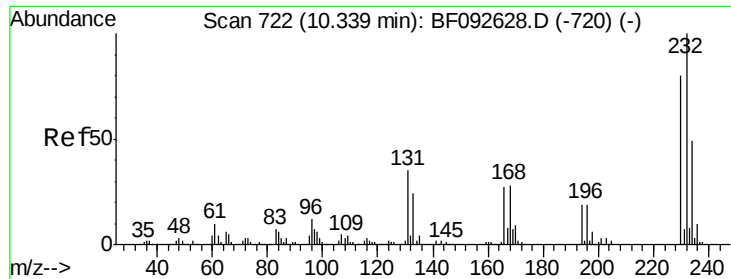
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#57
Fluorene
Concen: 42.64 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

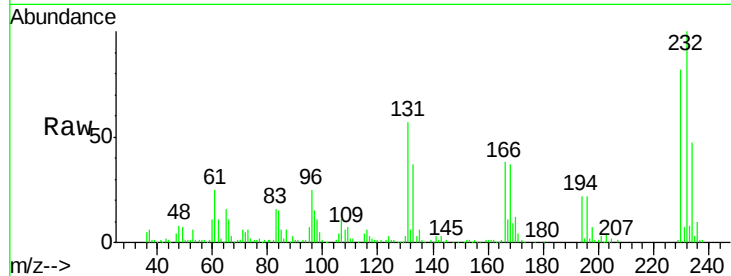
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.7	77.8	116.8
167	13.7	10.8	16.2





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.36 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

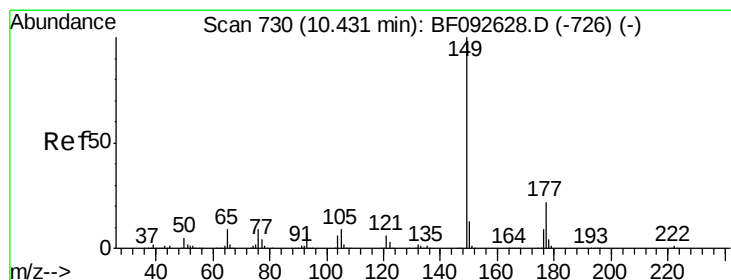
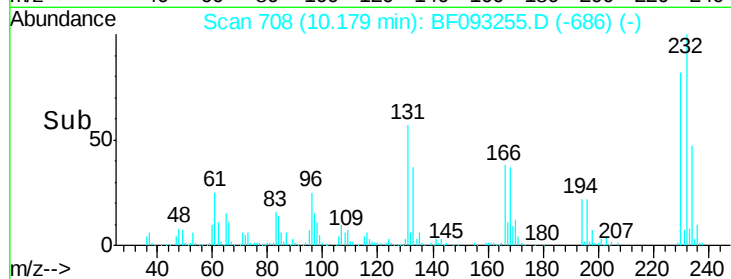
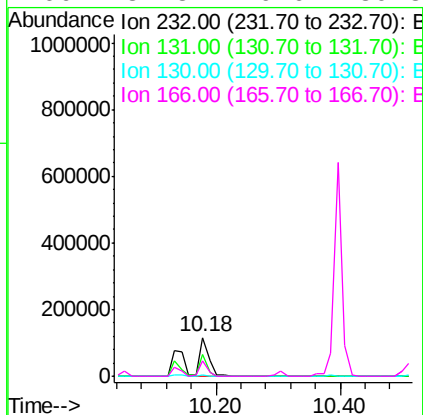
Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS



Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	40.1	60.1
130	2.5	1.8	2.8
166	31.8	26.6	39.8

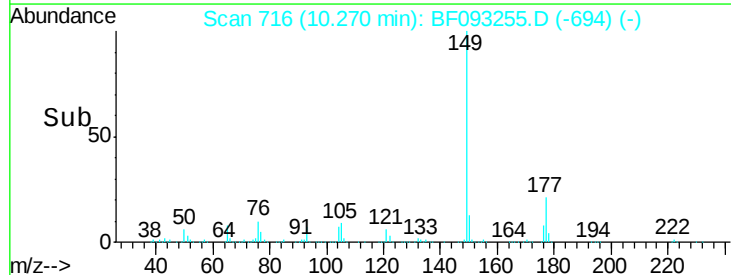
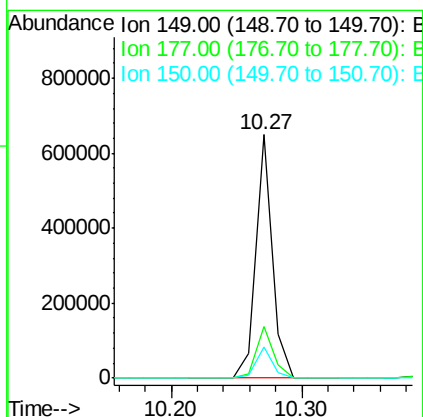
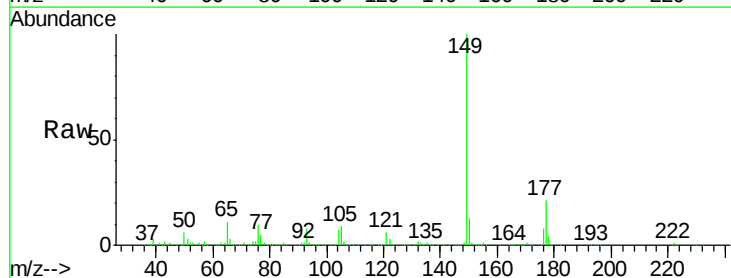
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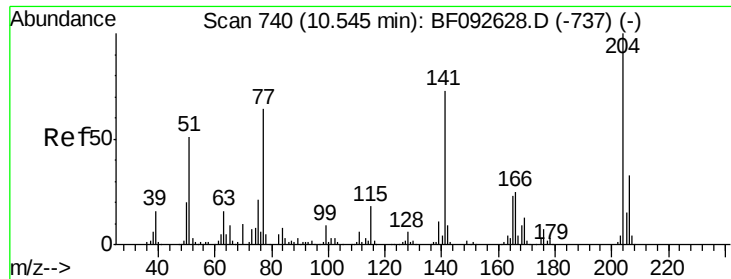
mohammad
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#59
 Diethylphthalate
 Concen: 41.36 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	25.0
150	12.7	10.4	15.6





#60

4-Chlorophenyl-phenylether

Concen: 36.10 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

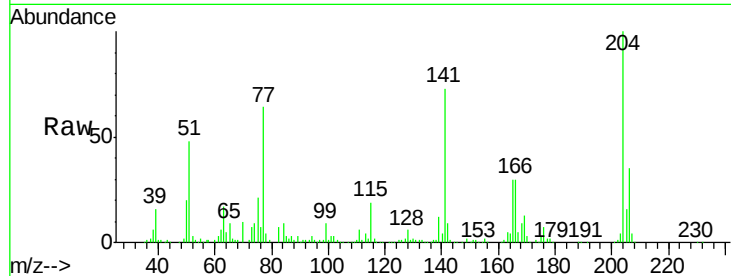
ClientSampleId :

TK3-6-20170227MS

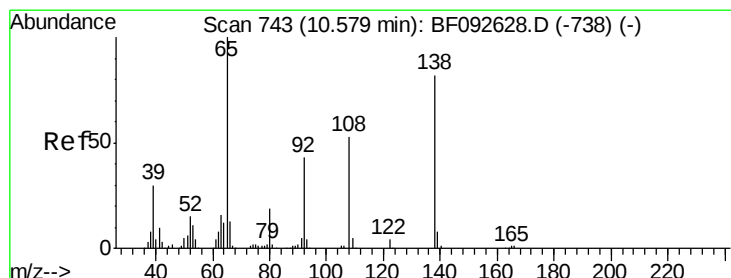
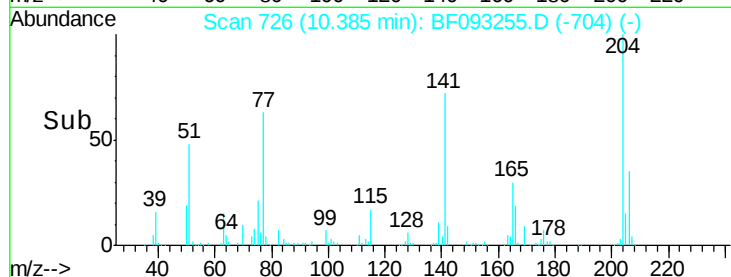
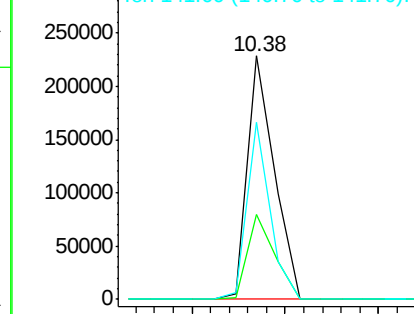
Tgt Ion:	204	Resp:	228567
Ion Ratio	Lower	Upper	
204	100		
206	35.0	25.8	38.6
141	72.8	59.4	89.0

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 38.27 ng

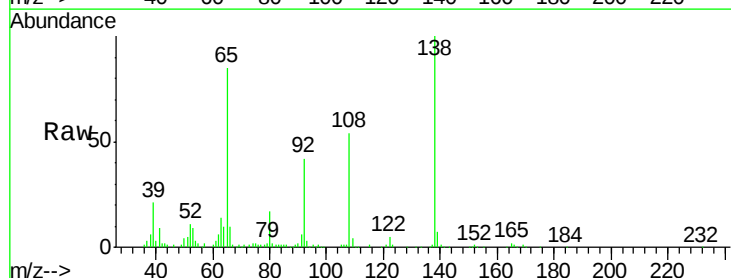
RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

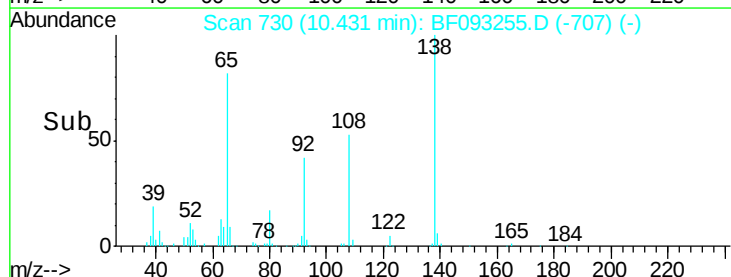
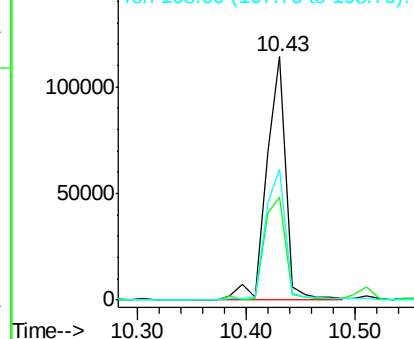
Lab File: BF093255.D

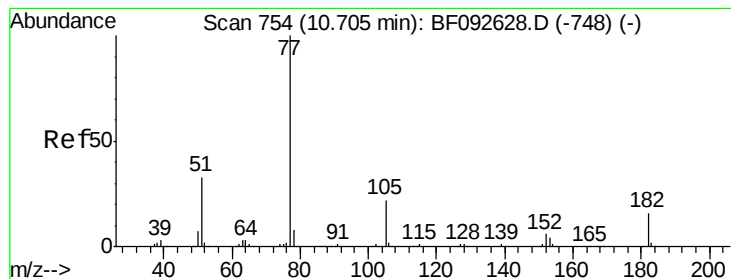
Acq: 28 Feb 2017 18:19

Tgt Ion:	138	Resp:	142825
Ion Ratio	Lower	Upper	
138	100		
92	42.3	31.7	71.7
108	53.6	52.6	92.6



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





#62

Azobenzene

Concen: 42.54 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093255.D

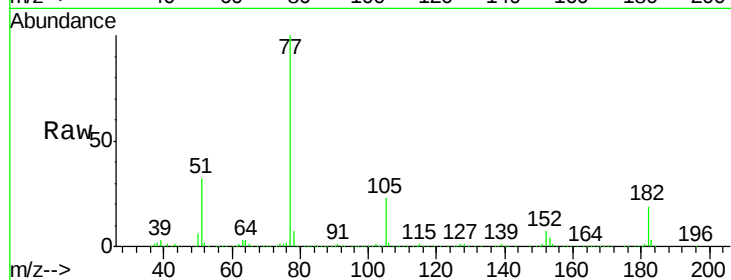
Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MS



Tgt Ion: 77 Resp: 610694

Ion Ratio Lower Upper

77 100

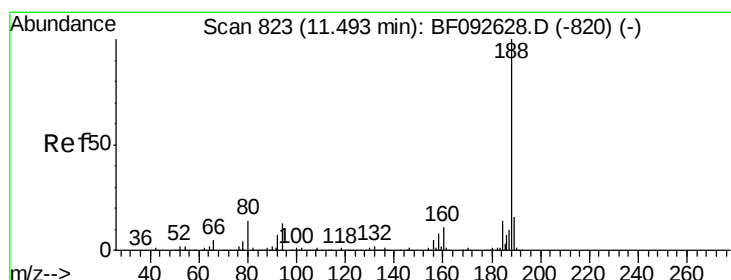
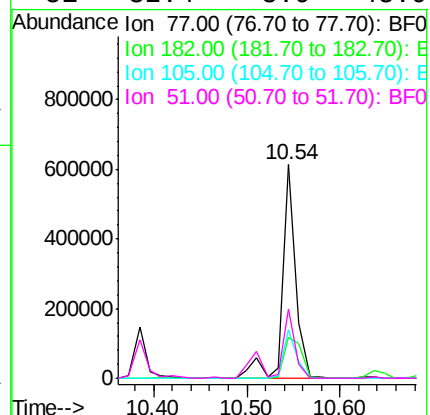
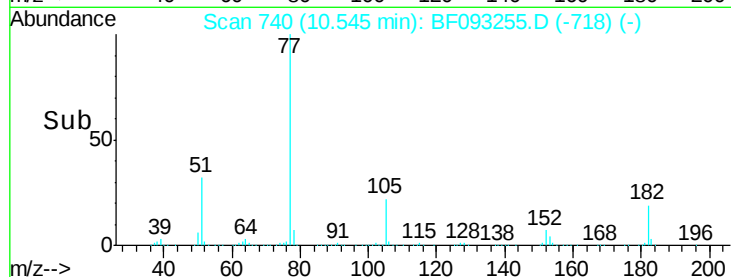
182 19.0 0.0 39.3

105 22.6 2.3 42.3

51 32.4 8.9 48.9

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

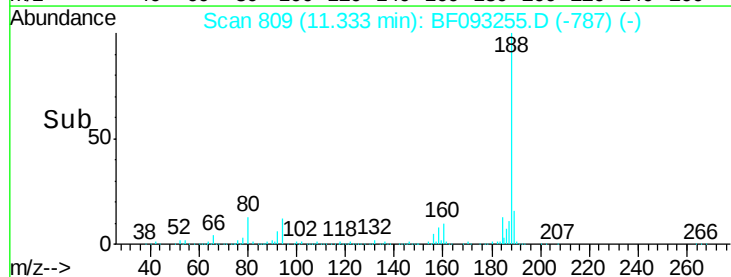
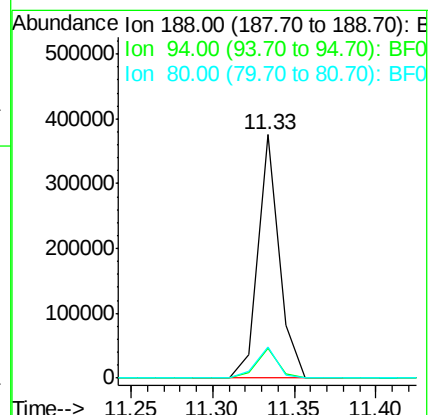
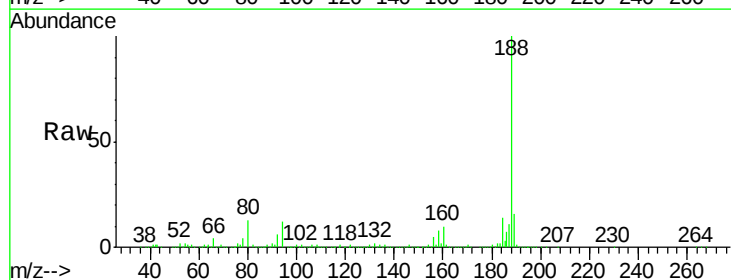
Tgt Ion: 188 Resp: 341245

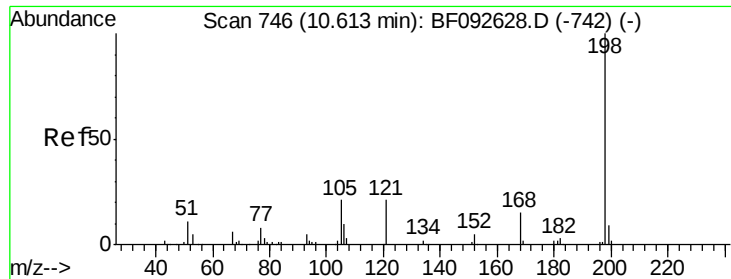
Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

80 12.7 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 3.60 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

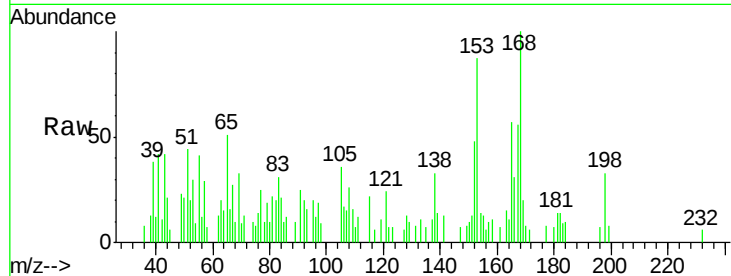
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	198	Resp:	2046
Ion Ratio	Lower	Upper	
198	100		
51	134.4	6.7	46.7#
105	111.3	16.6	56.6#

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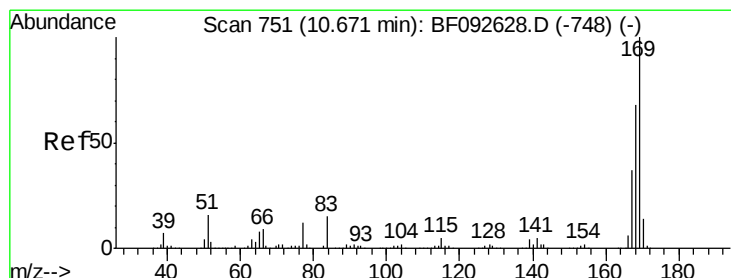
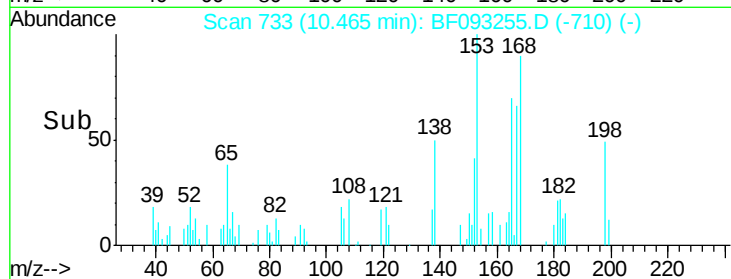
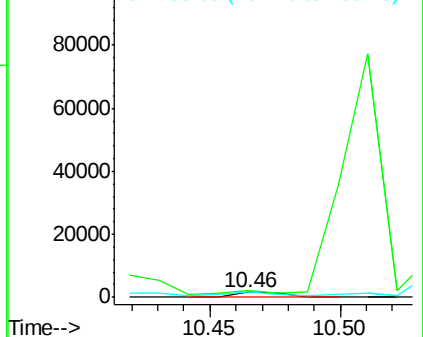
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.82 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093255.D

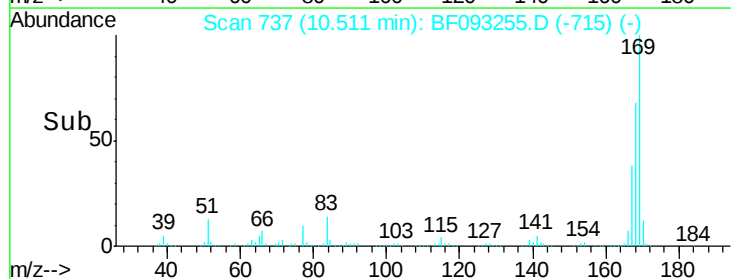
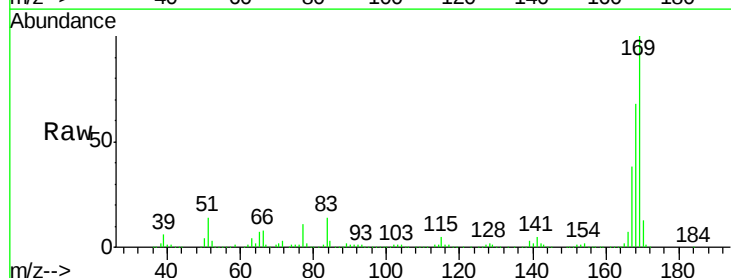
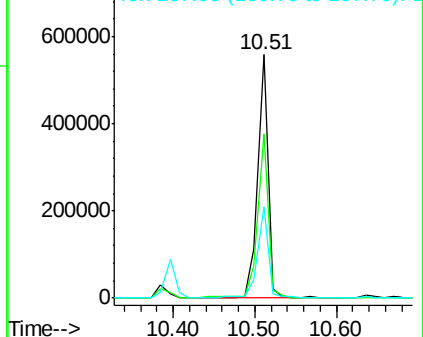
Acq: 28 Feb 2017 18:19

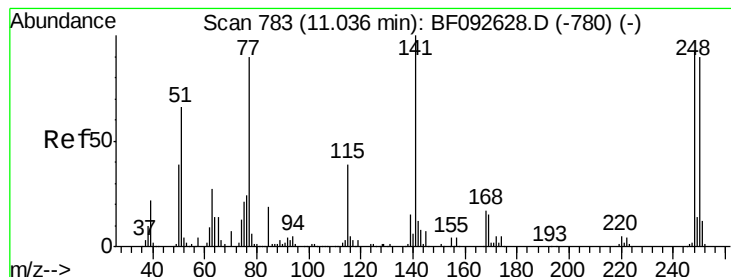
Tgt Ion:	169	Resp:	488620
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.5	30.2	45.4

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 38.58 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

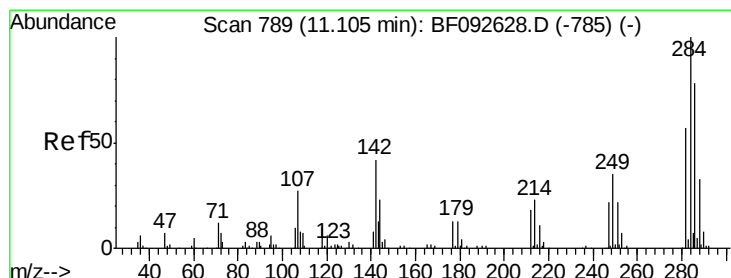
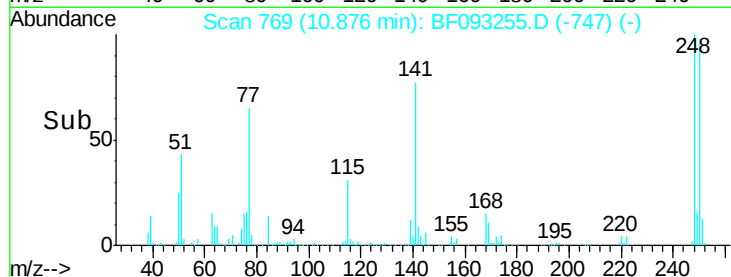
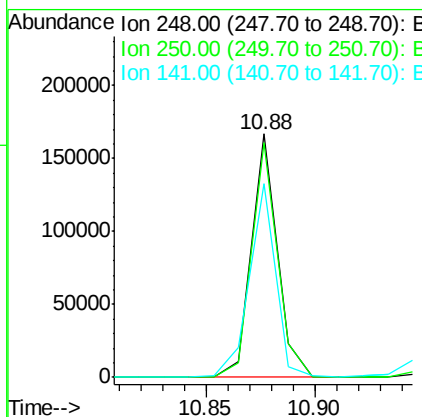
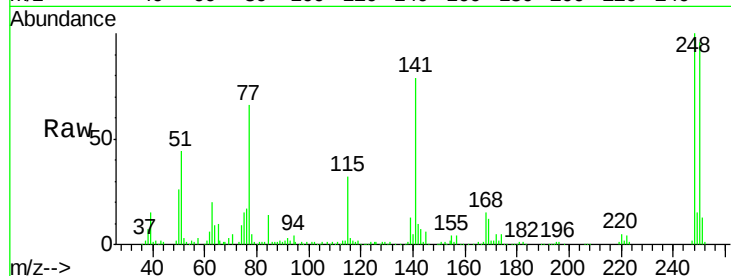
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	248	Resp:	137547
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	79.3	68.2	102.4

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#67

Hexachlorobenzene

Concen: 34.53 ng

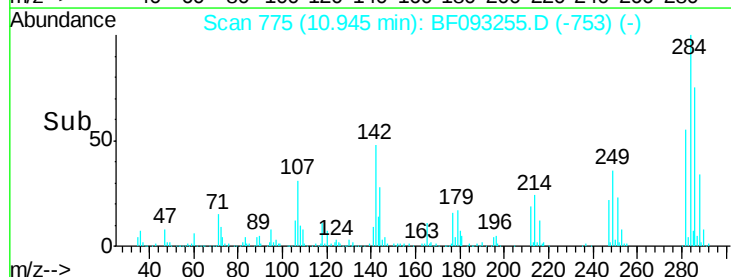
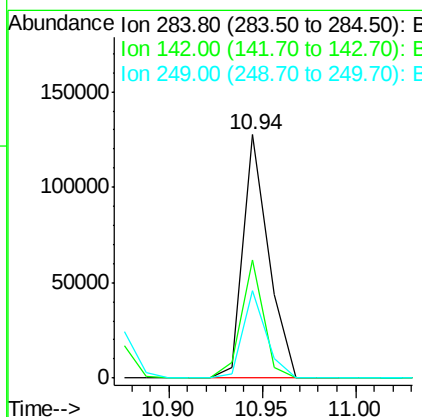
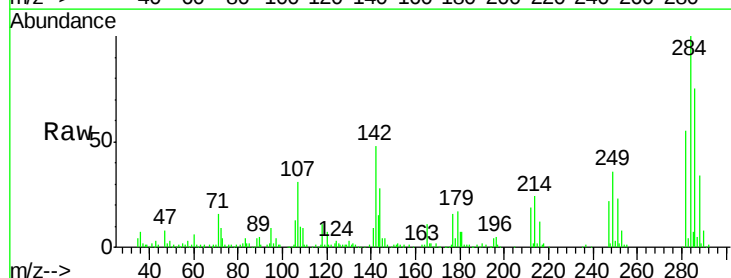
RT: 10.94 min Scan# 775

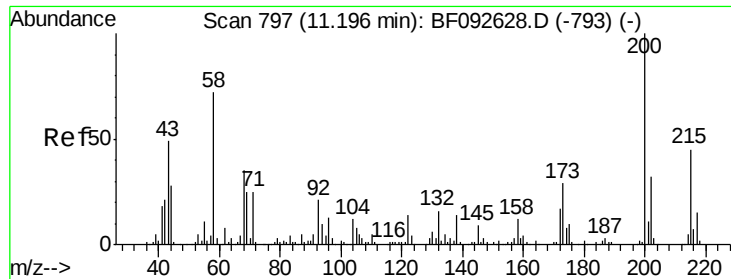
Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	284	Resp:	121653
Ion Ratio	Lower	Upper	
284	100		
142	48.4	22.6	33.8#
249	36.2	25.4	38.0





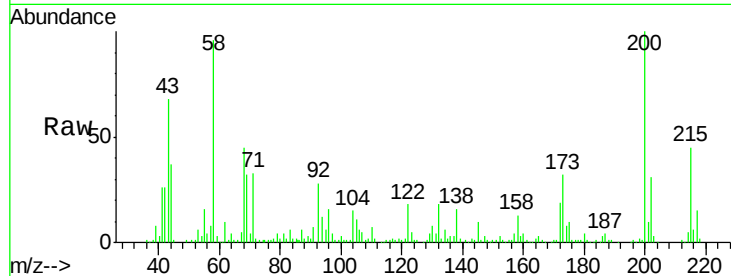
#68
Atrazine
Concen: 34.46 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

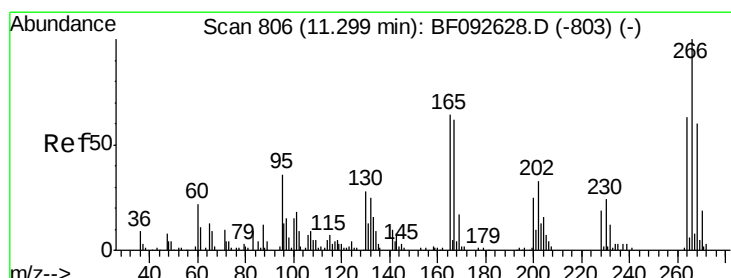
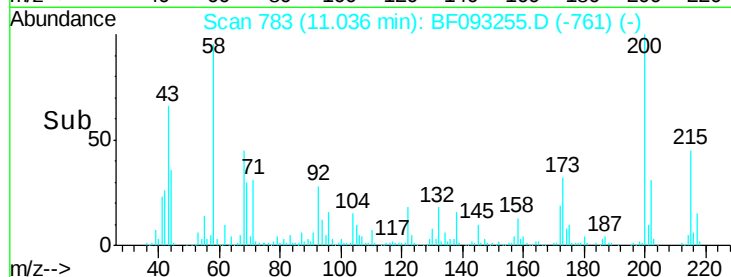
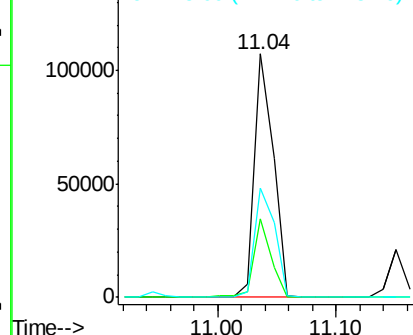
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	120541		
173	32.0	9.6	49.6	
215	44.8	25.7	65.7	

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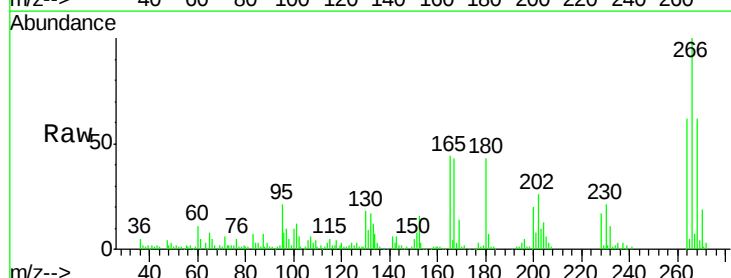


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

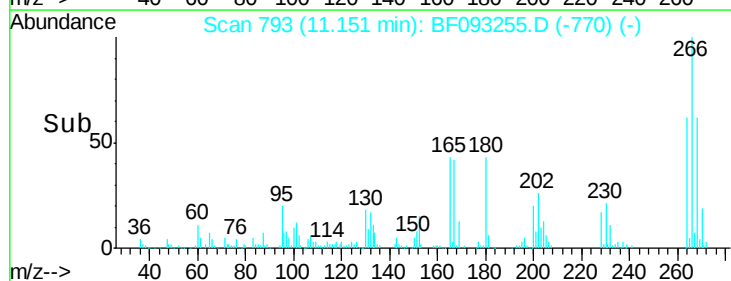
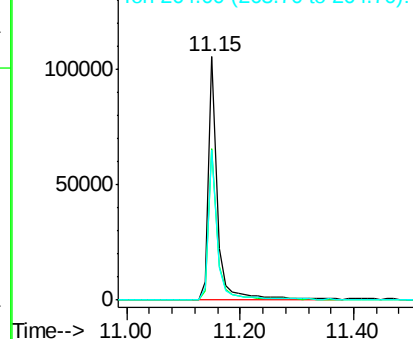


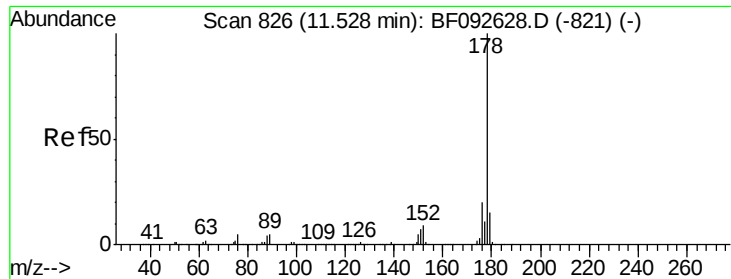
#69
Pentachlorophenol
Concen: 63.71 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	112942		
268	62.4	53.3	79.9	
264	61.8	50.3	75.5	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





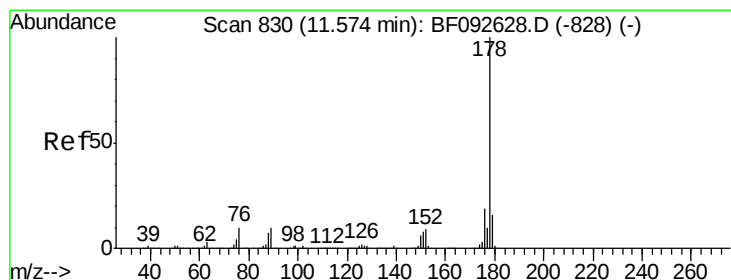
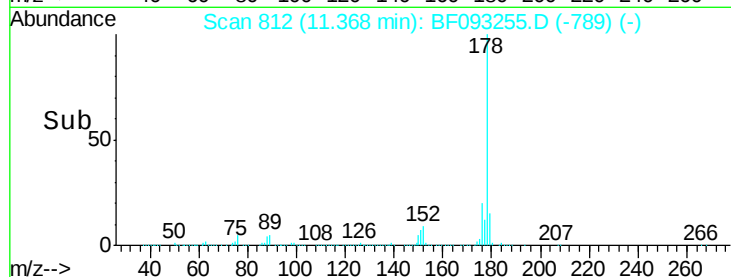
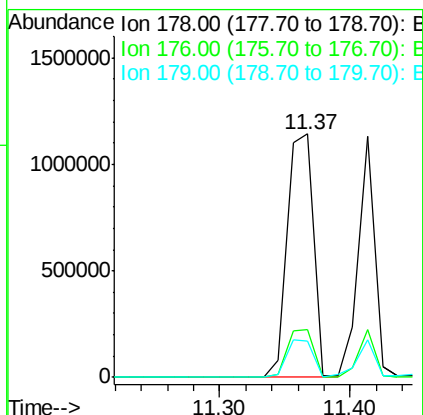
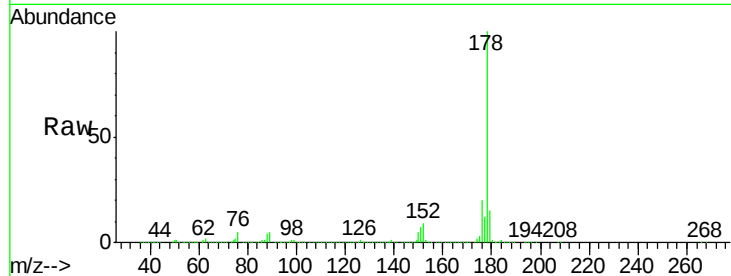
#70
Phenanthrene
Concen: 82.33 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion:178 Resp: 1609606
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 15.0 12.8 19.2

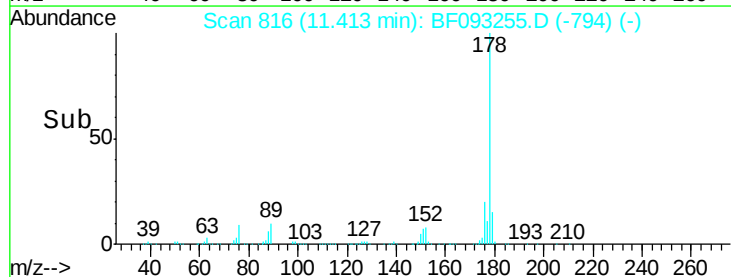
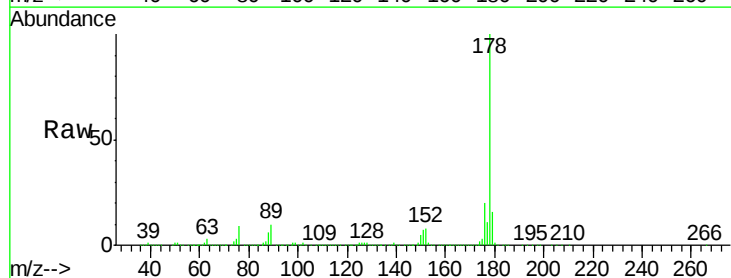
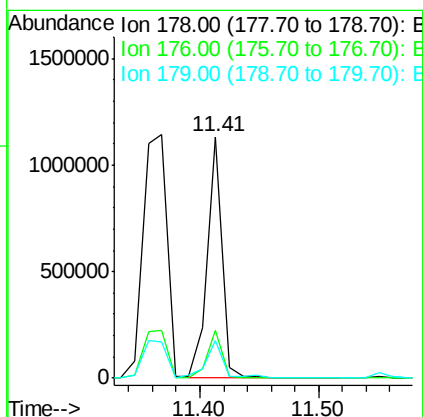
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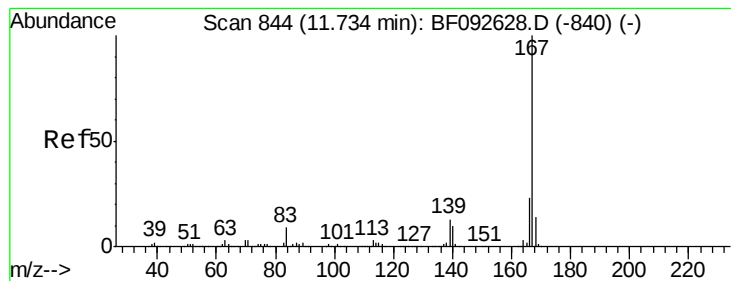
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#71
Anthracene
Concen: 50.20 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion:178 Resp: 985586
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.6 13.2 19.8





#72

Carbazole

Concen: 41.66 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

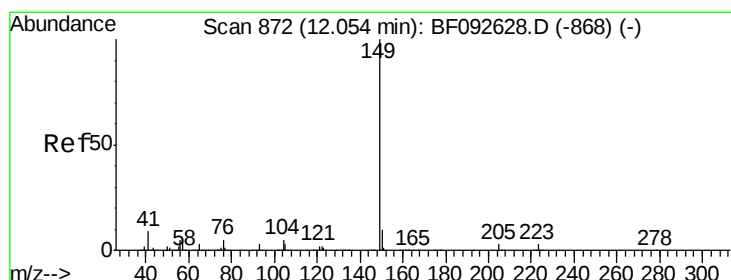
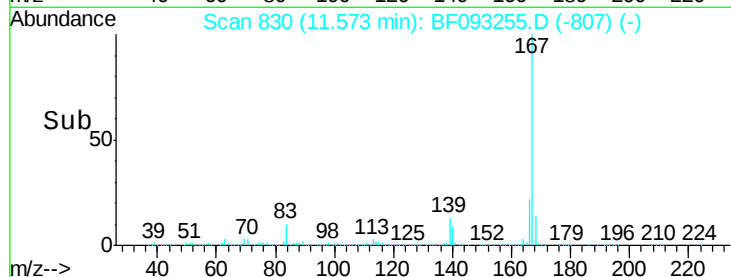
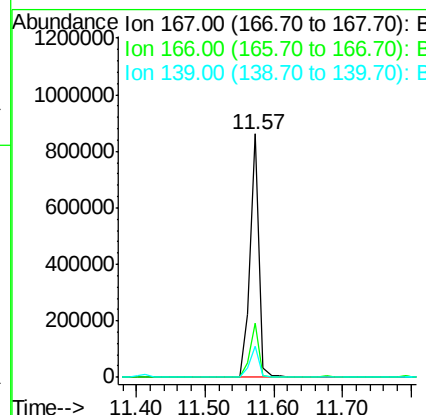
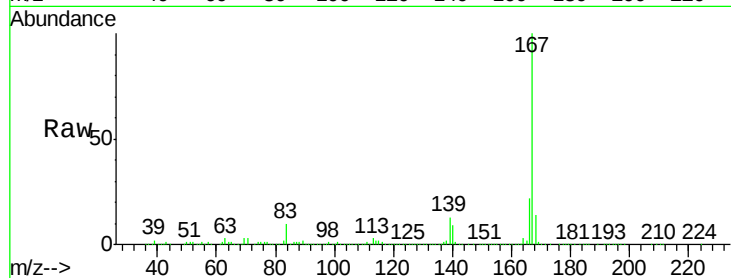
ClientSampleId :

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Tgt Ion:	167	Resp:	781863
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.2	27.2
139	12.7	11.4	17.2

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#73

Di-n-butylphthalate

Concen: 39.88 ng

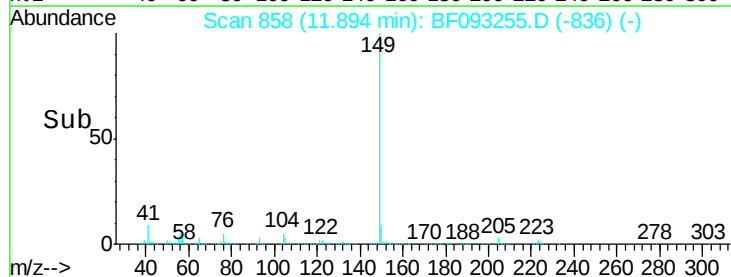
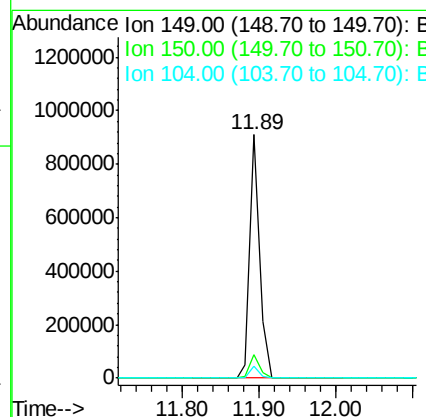
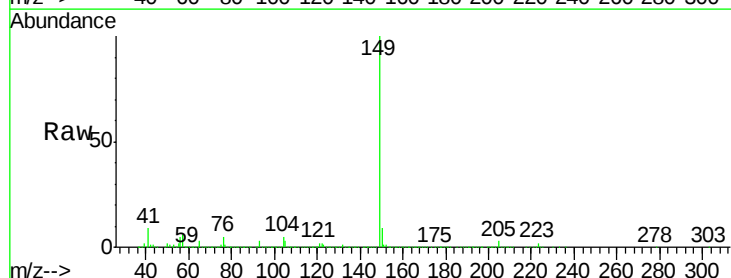
RT: 11.89 min Scan# 858

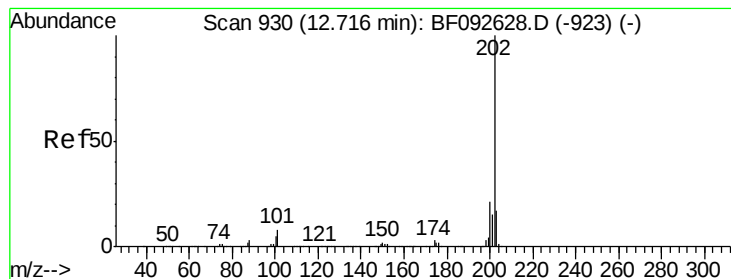
Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	149	Resp:	809384
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.7	4.6	7.0





#74

Fluoranthene

Concen: 102.05 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

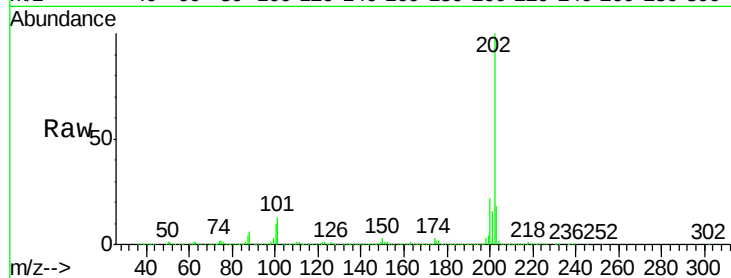
ClientSampleId :

TK3-6-20170227MS

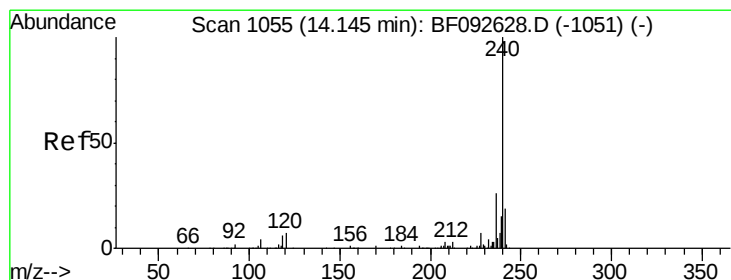
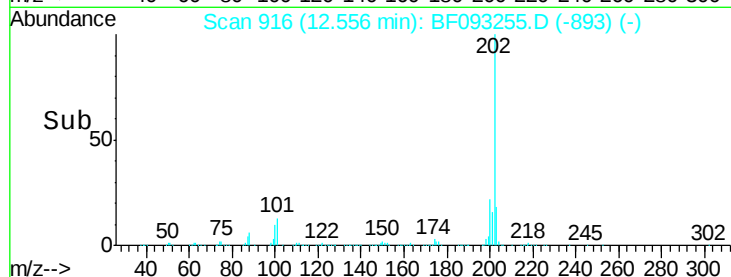
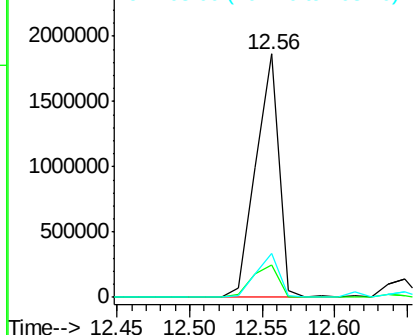
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	18.2	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

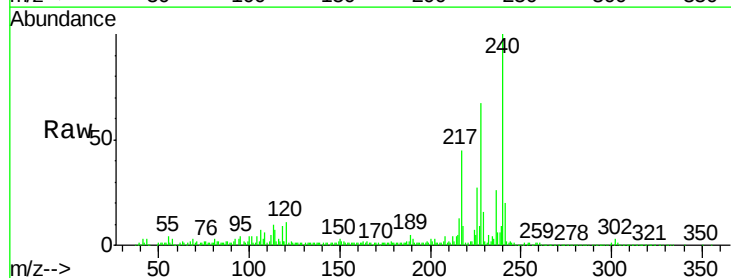
RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

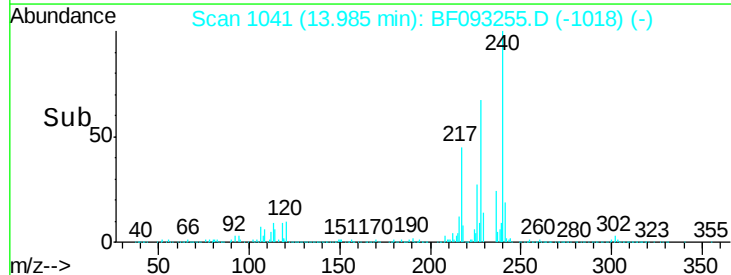
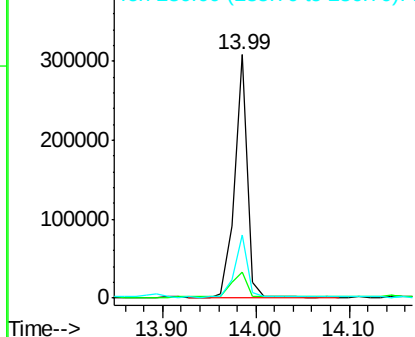
Lab File: BF093255.D

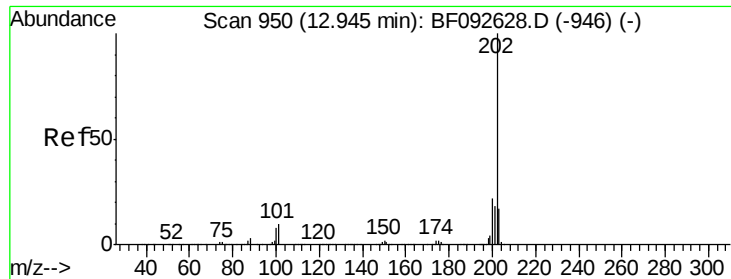
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.9	19.3#
236	26.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 86.17 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

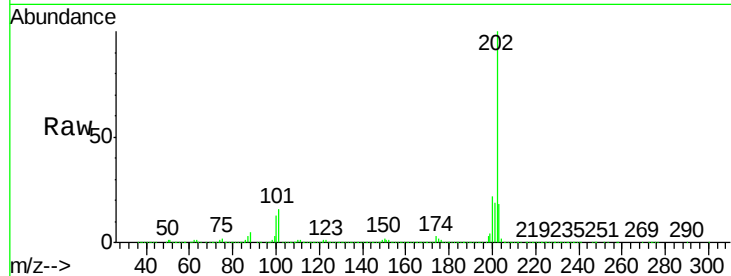
ClientSampleId :

TK3-6-20170227MS

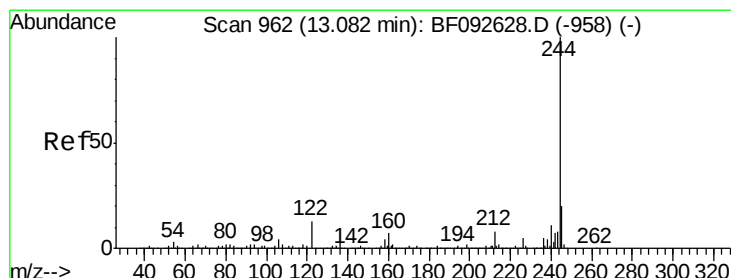
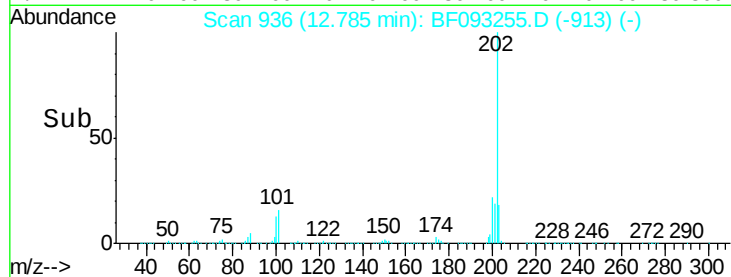
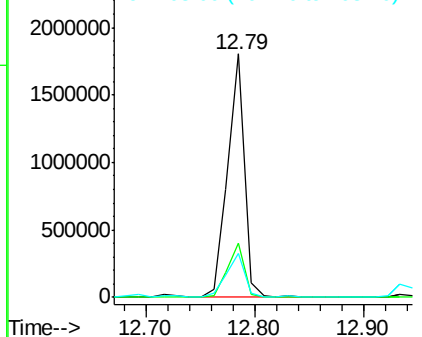
Tgt Ion:	202	Resp:	1897433
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.1	14.7	22.1

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



#78

Terphenyl-d14

Concen: 62.48 ng

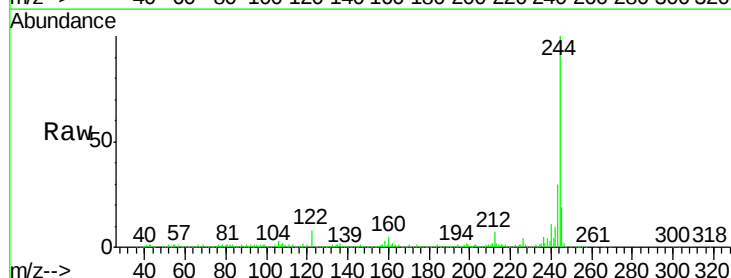
RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

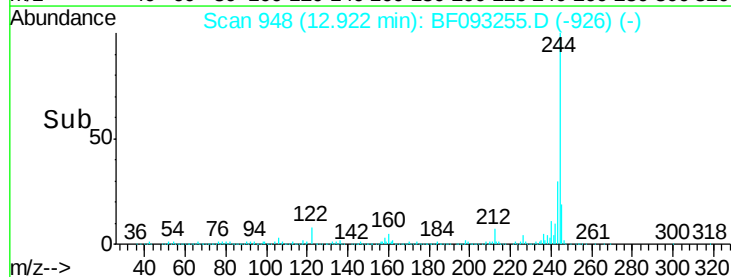
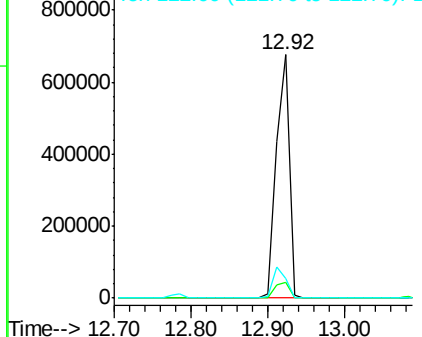
Lab File: BF093255.D

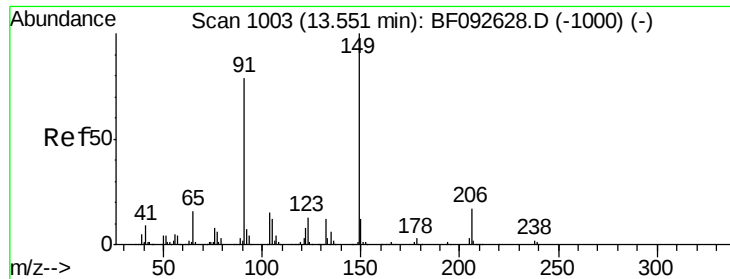
Acq: 28 Feb 2017 18:19

Tgt Ion:	244	Resp:	782406
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	8.2	11.4	17.2



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





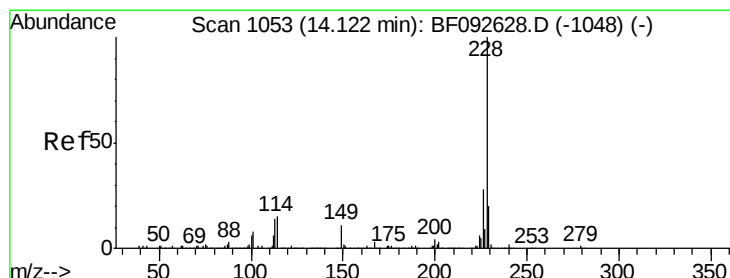
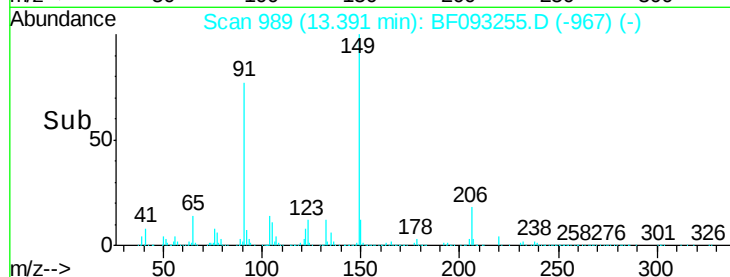
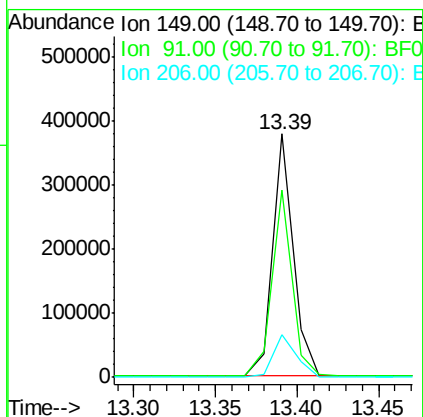
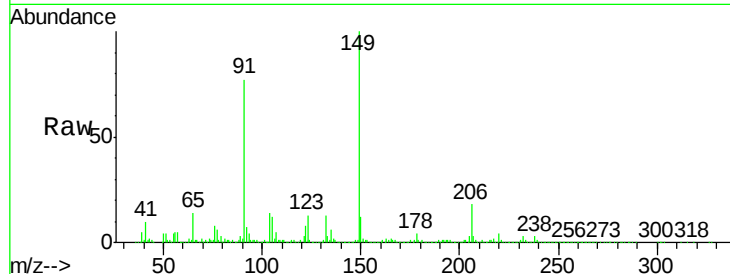
#79
Butylbenzylphthalate
Concen: 37.45 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	334897		
91	77.0	63.9	95.9	
206	17.7	14.6	21.8	

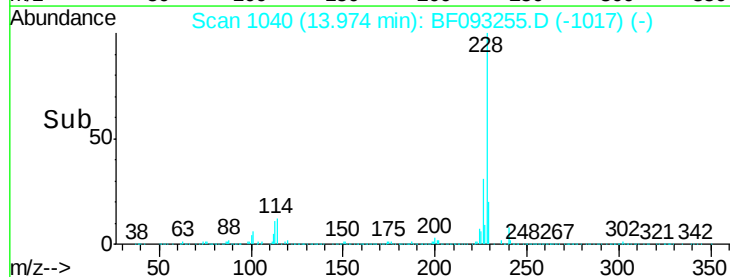
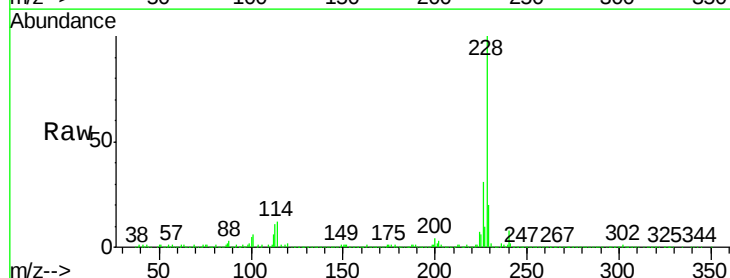
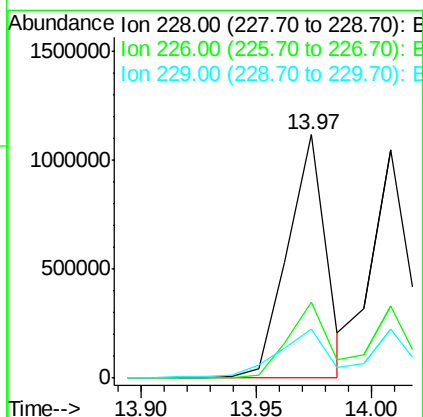
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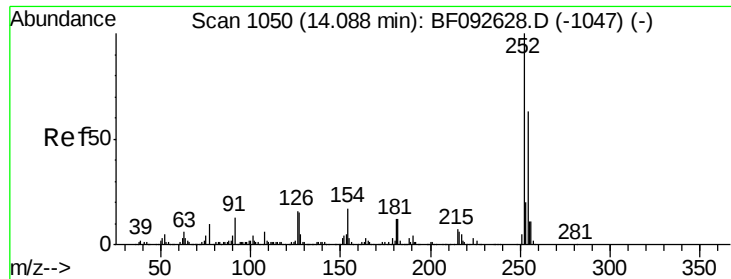
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#80
Benzo(a)anthracene
Concen: 72.75 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1309335		
226	31.4	22.4	33.6	
229	20.4	16.2	24.4	





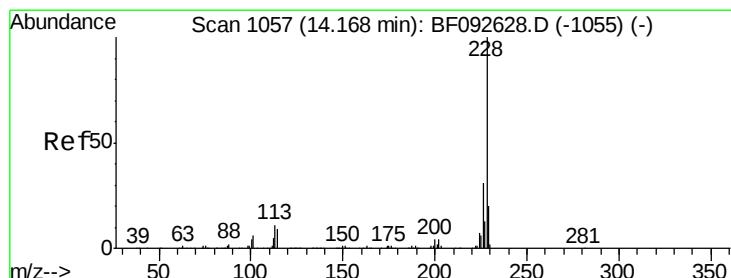
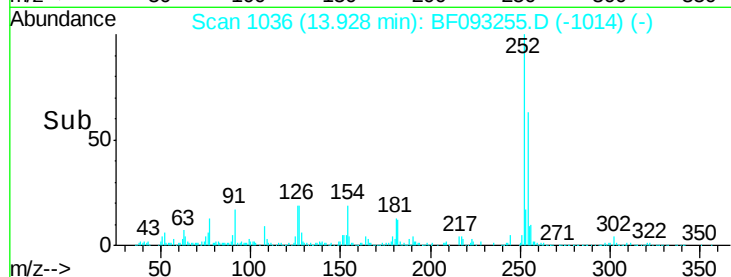
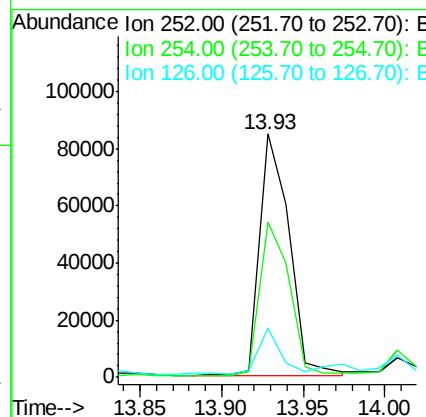
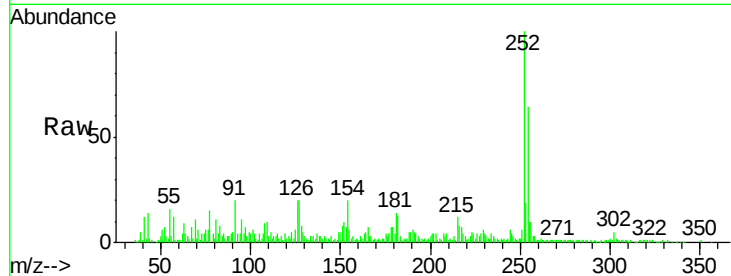
#81
 3,3'-Dichlorobenzidine
 Concen: 16.56 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.3	78.5
126	19.9	13.6	20.4

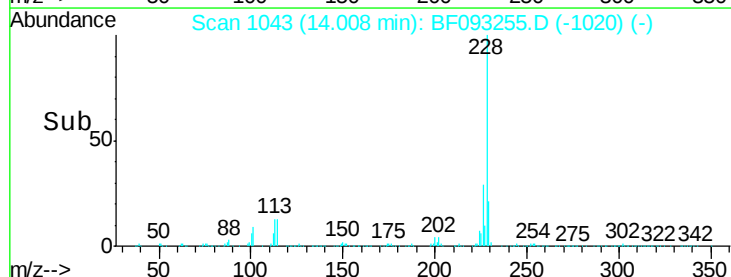
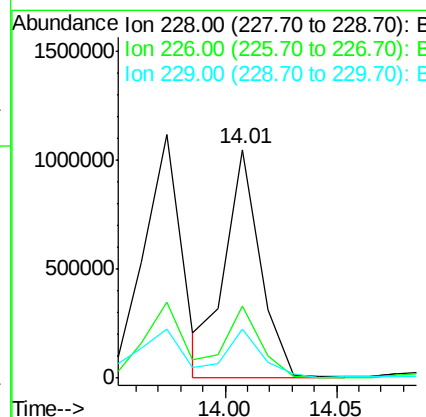
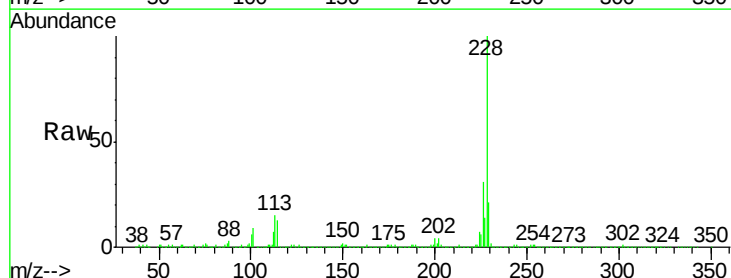
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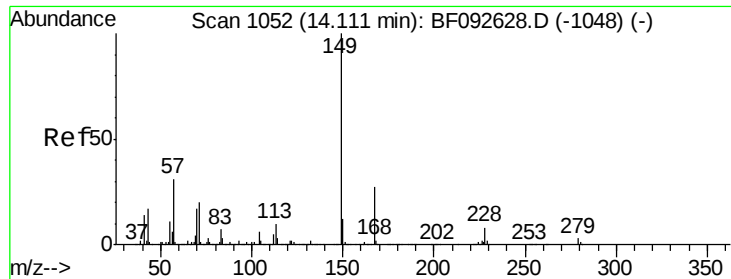
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#82
 Chrysene
 Concen: 69.65 ng m
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	21.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.67 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

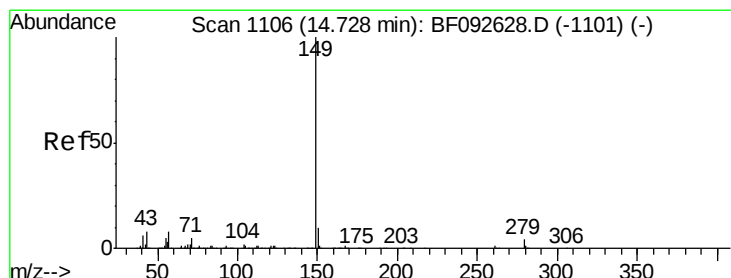
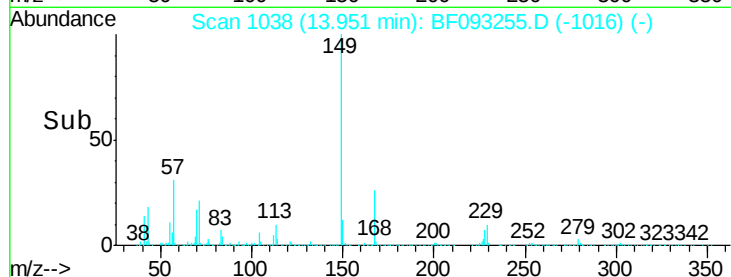
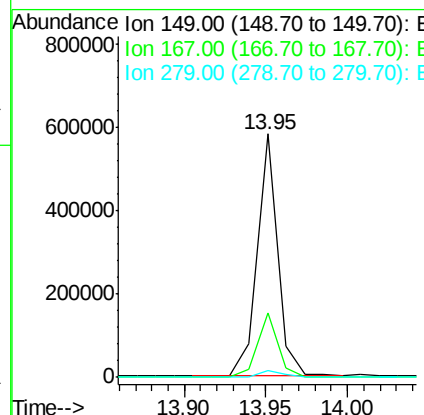
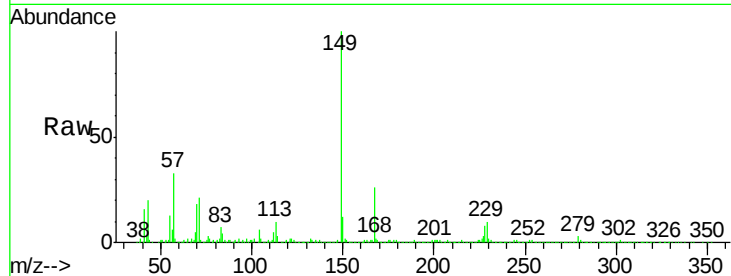
ClientSampleId :

TK3-6-20170227MS

Tgt Ion:	149	Resp:	509612
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.2	30.4
279	2.8	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 40.85 ng

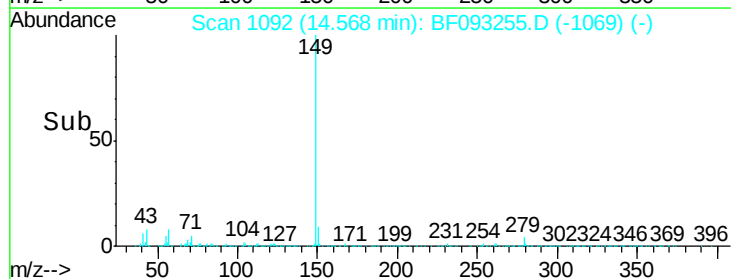
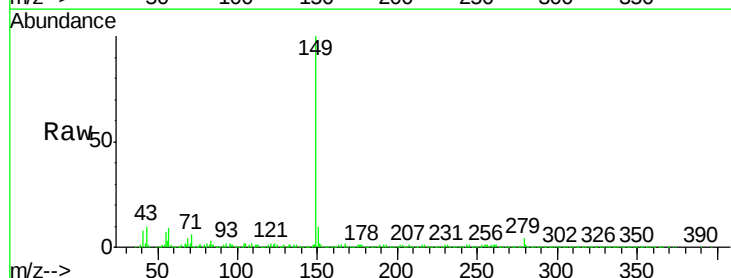
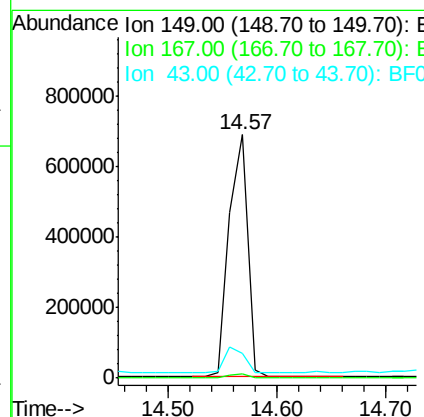
RT: 14.57 min Scan# 1092

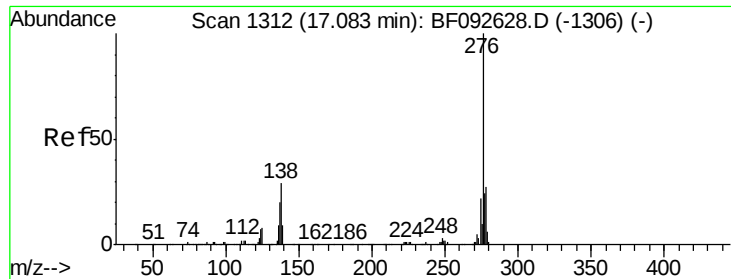
Delta R.T. -0.03 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:	149	Resp:	813585
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.1	8.9	13.3





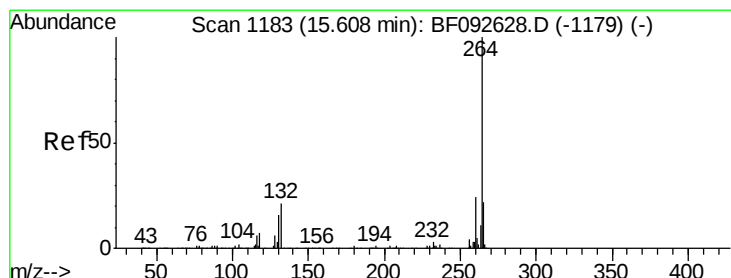
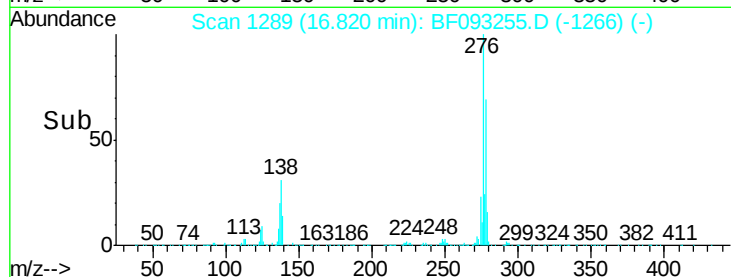
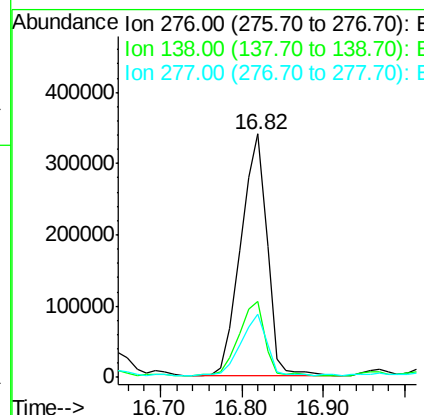
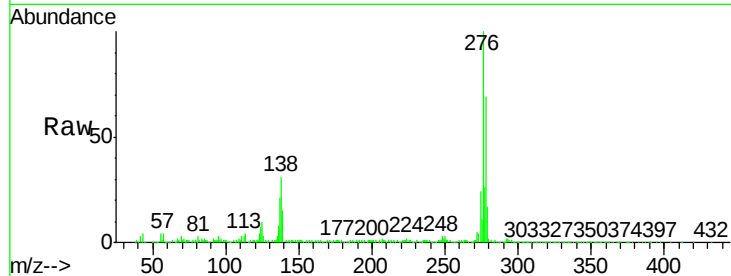
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.85 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	755020		
138	30.6		21.8	32.6
277	24.4		20.2	30.4

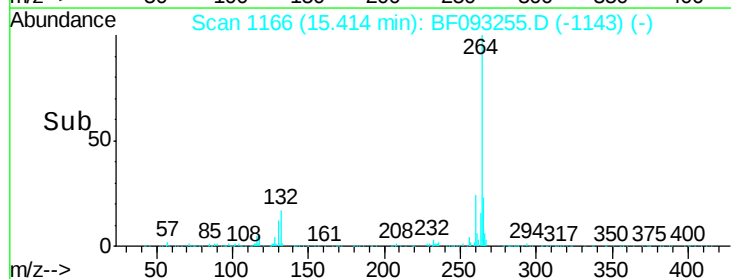
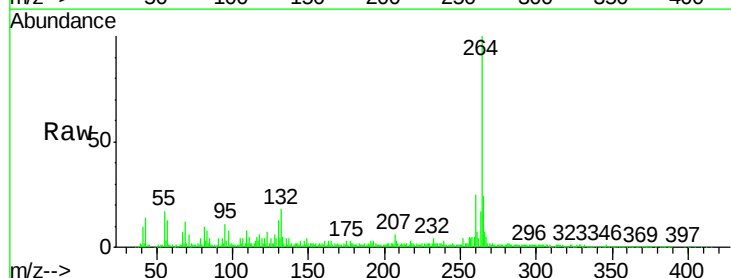
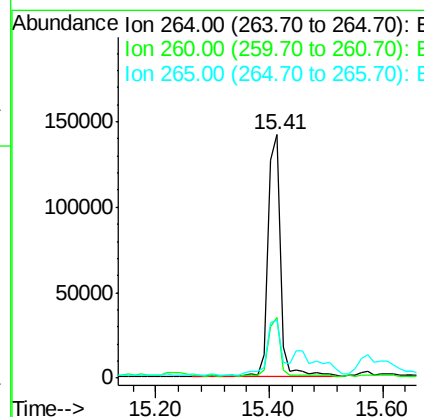
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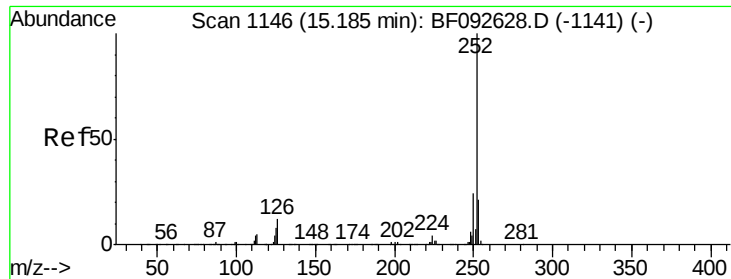
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	218659		
260	24.9		19.2	28.8
265	23.6		17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 110.06 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_F

ClientSampleId :

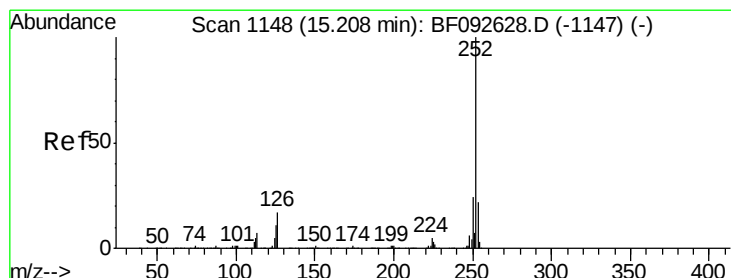
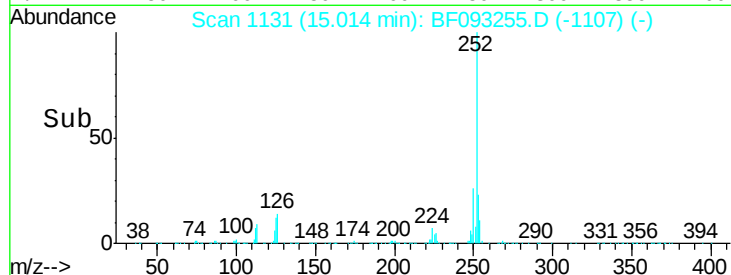
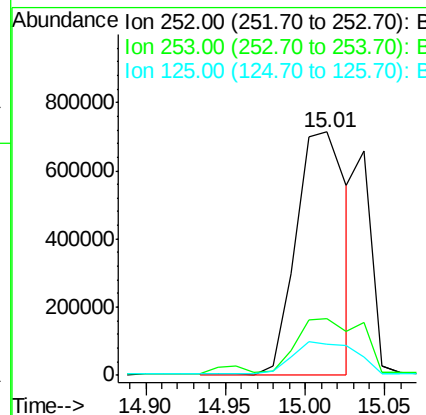
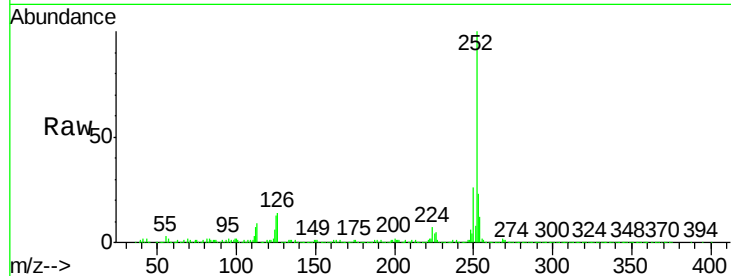
TK3-6-20170227MS

Tgt Ion:252 Resp: 1584031

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.5	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 38.69 ng m

RT: 15.04 min Scan# 1133

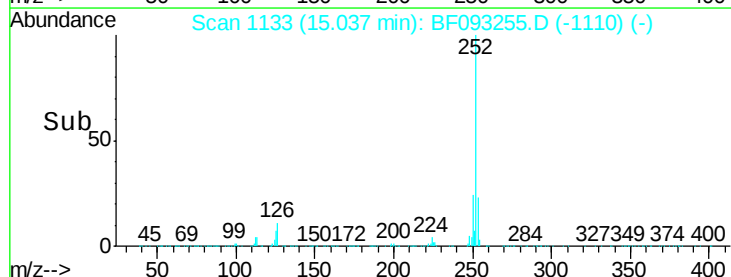
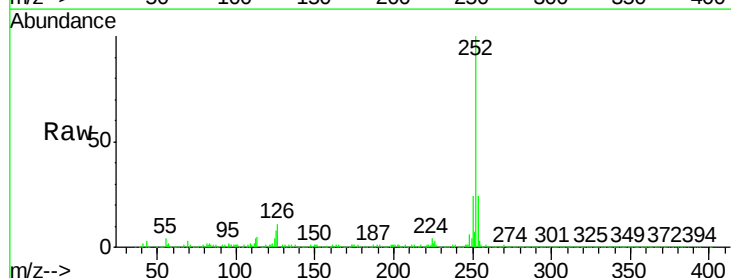
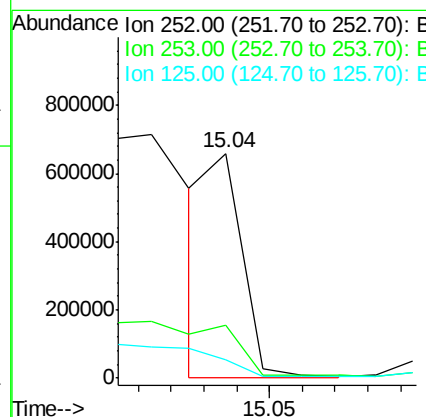
Delta R.T. -0.03 min

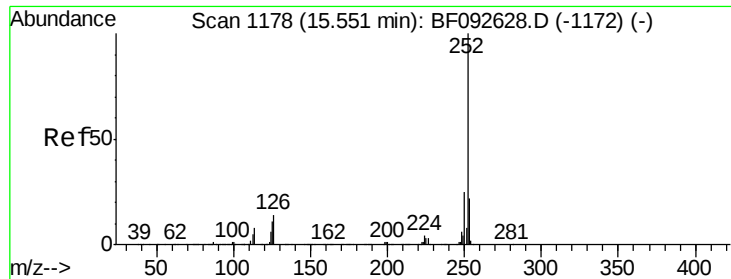
Lab File: BF093255.D

Acq: 28 Feb 2017 18:19

Tgt Ion:252 Resp: 480777

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	8.1	8.9	13.3#





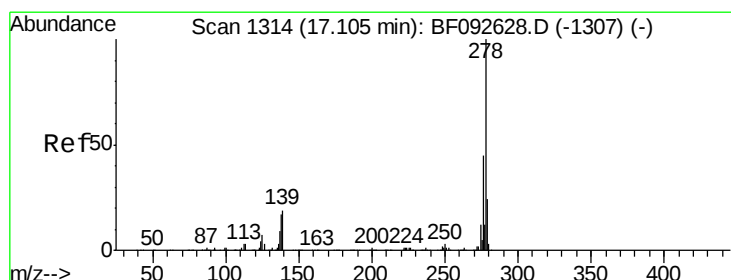
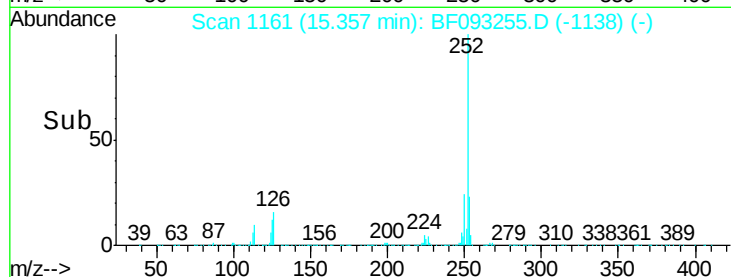
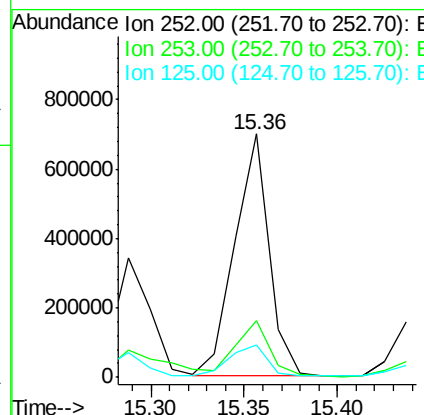
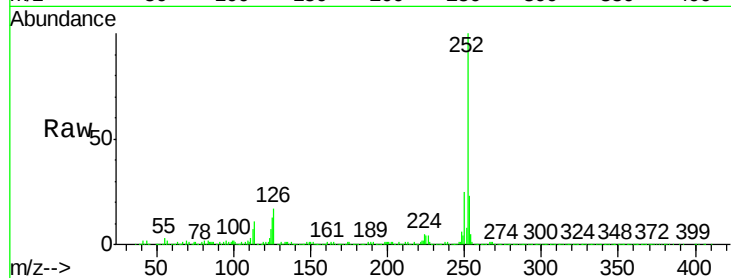
#89
Benzo(a)pyrene
Concen: 72.11 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	897738		
253	23.1	18.2	27.2	
125	13.1	10.0	15.0	

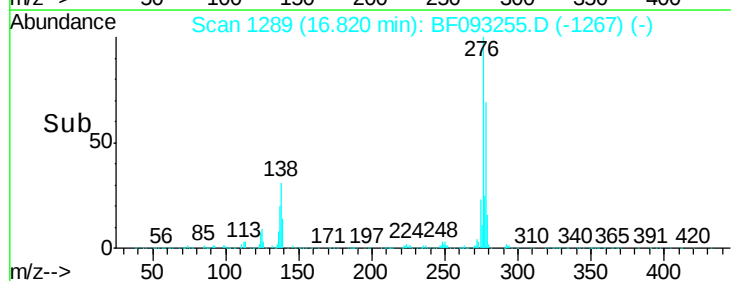
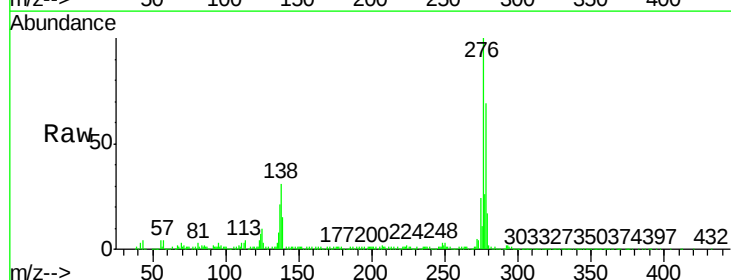
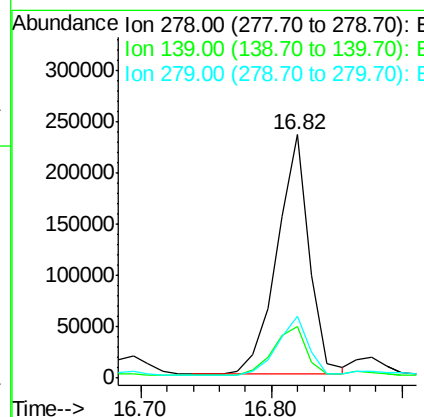
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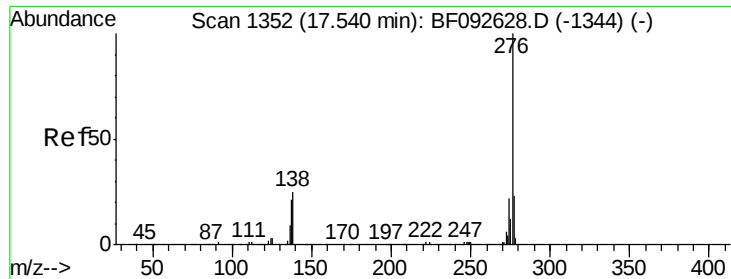
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#90
Dibenzo(a,h)anthracene
Concen: 39.87 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF093255.D
Acq: 28 Feb 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	401199		
139	21.0	14.8	22.2	
279	25.2	19.8	29.6	





#91
 Benzo(g,h,i)perylene
 Concen: 68.71 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093255.D
 Acq: 28 Feb 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.6	19.2	28.8
138	26.8	16.0	24.0

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