

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092526.D
 Acq On : 26 Jan 2017 15:27
 Operator : SJ/MA
 Sample : I1312-03MSD 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Manual Integrations
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 1/27/2017 3:02:32 PM

Quant Time: Jan 27 00:46:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	133419	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	480670	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	228058	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	348712	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	260913	20.00	ng	0.00
86) Perylene-d12	15.65	264	185383	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	529190	61.71	ng	0.01
7) Phenol-d6	6.59	99	644263	58.98	ng	0.00
23) Nitrobenzene-d5	7.54	82	402332	45.72	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	95809	61.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	545530	44.23	ng	-0.01
78) Terphenyl-d14	13.11	244	472531	48.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	81917	17.96	ng	# 81
3) Pyridine	3.39	79	215980	16.63	ng	# 82
4) n-Nitrosodimethylamine	3.32	42	122623	19.25	ng	# 86
6) Aniline	6.62	93	130549	8.01	ng	# 49
8) 2-Chlorophenol	6.75	128	182252	20.23	ng	87
9) Benzaldehyde	6.51	77	144187	18.60	ng	85
10) Phenol	6.60	94	250133	18.97	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	220720	22.38	ng	98
12) 1,3-Dichlorobenzene	6.91	146	209264m	19.64	ng	
13) 1,4-Dichlorobenzene	6.99	146	221622	20.67	ng	97
14) 1,2-Dichlorobenzene	7.15	146	195236m	19.19	ng	
15) Benzyl Alcohol	7.10	79	156004	18.95	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	360432	18.47	ng	91
17) 2-Methylphenol	7.22	107	149119	19.38	ng	97
18) Hexachloroethane	7.49	117	40974	11.09	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	133306	17.92	ng	# 88
20) 3+4-Methylphenols	7.38	107	194046	20.78	ng	# 81
22) Acetophenone	7.38	105	265582	23.20	ng	# 85
24) Nitrobenzene	7.55	77	186081	20.19	ng	92
25) Isophorone	7.80	82	354942	20.47	ng	97
26) 2-Nitrophenol	7.88	139	44783	11.59	ng	# 81
27) 2,4-Dimethylphenol	7.92	122	168312	20.95	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	228192	20.05	ng	98
29) 2,4-Dichlorophenol	8.12	162	140793	20.21	ng	96
30) 1,2,4-Trichlorobenzene	8.21	180	149636	19.88	ng	98
31) Naphthalene	8.29	128	490261	19.93	ng	98
33) 4-Chloroaniline	8.34	127	112318	10.79	ng	94
34) Hexachlorobutadiene	8.41	225	87026	21.13	ng	99
35) Caprolactam	8.68	113	42834	18.42	ng	# 31
36) 4-Chloro-3-methylphenol	8.82	107	135273	18.01	ng	86
37) 2-Methylnaphthalene	8.98	142	320902	20.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	140772	24.47	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	93146	21.13	ng	93
43) 2,4,5-Trichlorophenol	9.30	196	86535	21.46	ng	95

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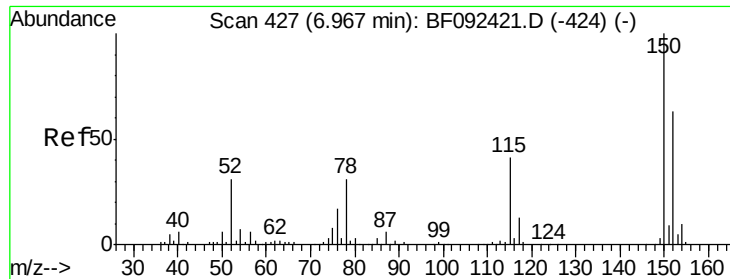
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.45	154	374976	22.75	nq	96
46) 2-Chloronaphthalene	9.47	162	260104	19.32	nq	94
47) 2-Nitroaniline	9.56	65	98893	21.81	nq	# 82
48) Acenaphthylene	9.89	152	438852	22.22	nq	98
49) Dimethylphthalate	9.74	163	354053	24.41	nq	100
50) 2,6-Dinitrotoluene	9.81	165	41913	14.14	nq	# 78
51) Acenaphthene	10.06	154	259780	21.17	nq	96
52) 3-Nitroaniline	9.97	138	76337	20.56	nq	97
54) Dibenzofuran	10.24	168	389156	23.35	nq	93
55) 4-Nitrophenol	10.13	139	94638	32.10	nq	# 71
56) 2,4-Dinitrotoluene	10.21	165	51290	13.04	nq	# 73
57) Fluorene	10.58	166	286953	23.22	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	69164	22.89	nq	99
59) Diethylphthalate	10.45	149	295700	21.26	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	125372	20.92	nq	98
61) 4-Nitroaniline	10.59	138	84302	22.70	nq	79
62) Azobenzene	10.73	77	289571	18.30	nq	95
65) n-Nitrosodiphenylamine	10.68	169	242051	22.23	nq	98
66) 4-Bromophenyl-phenylether	11.06	248	71497	20.31	nq	# 88
67) Hexachlorobenzene	11.13	284	72220	20.29	nq	# 85
68) Atrazine	11.22	200	68867	18.48	nq	93
69) Pentachlorophenol	11.32	266	84410	37.10	nq	97
70) Phenanthrene	11.54	178	448593	23.36	nq	98
71) Anthracene	11.60	178	463065	24.67	nq	98
72) Carbazole	11.74	167	388114	21.66	nq	99
73) Di-n-butylphthalate	12.08	149	466830	22.78	nq	98
74) Fluoranthene	12.74	202	530713	28.25	nq	91
76) Benzidine	12.85	184	62383	6.44	nq	# 95
77) Pyrene	12.97	202	533148	28.20	nq	98
79) Butylbenzylphthalate	13.59	149	201414	26.30	nq	87
80) Benzo(a)anthracene	14.16	228	323467	23.07	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	72957	13.70	nq	# 92
82) Chrysene	14.19	228	320537m	21.40	nq	
83) Bis(2-ethylhexyl)phthalate	14.15	149	272213	28.22	nq	# 97
84) Di-n-octyl phthalate	14.76	149	395168	22.57	nq	# 74
85) Indeno(1,2,3-cd)pyrene	17.15	276	233295	21.06	nq	# 94
87) Benzo(b)fluoranthene	15.22	252	289227m	24.30	nq	
88) Benzo(k)fluoranthene	15.24	252	231959m	23.44	nq	
89) Benzo(a)pyrene	15.60	252	228570	22.70	nq	# 92
90) Dibenzo(a,h)anthracene	17.17	278	190002	23.34	nq	# 89
91) Benzo(g,h,i)perylene	17.61	276	191906	23.31	nq	# 89

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



#1

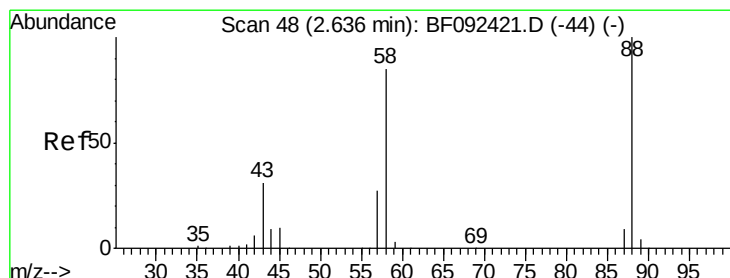
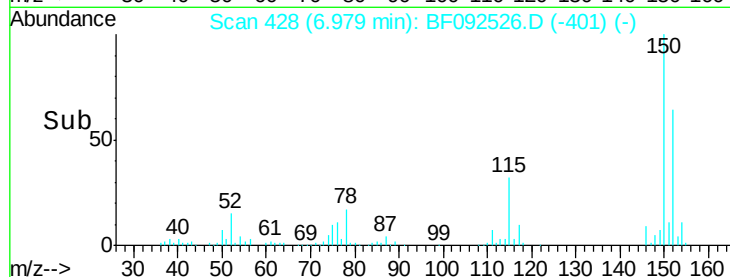
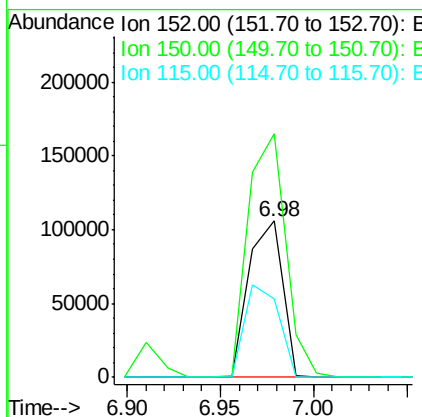
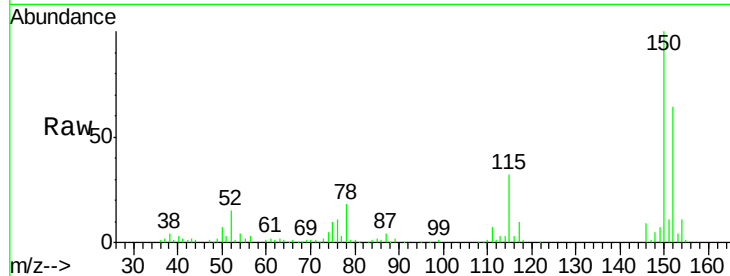
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	49.9	46.0	69.0

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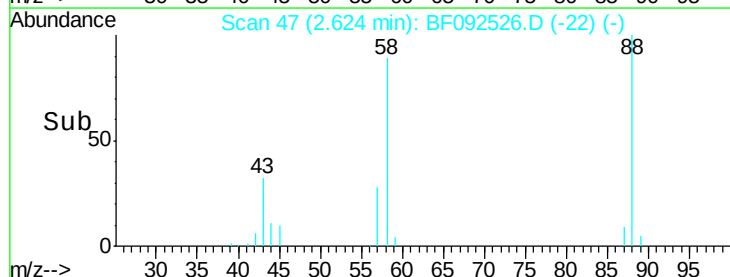
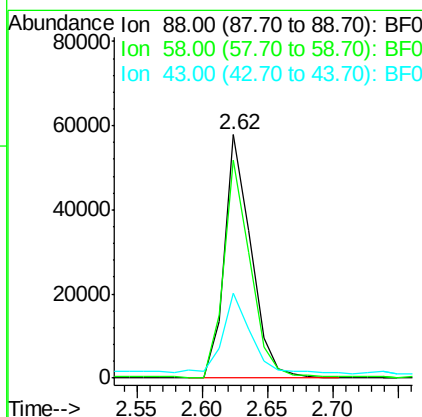
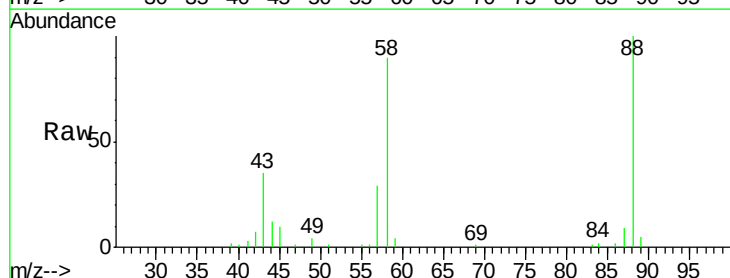
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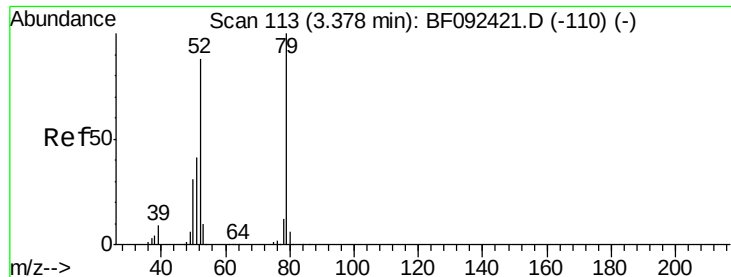


#2

1,4-Dioxane
Concen: 17.96 ng
RT: 2.62 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	57.8	86.8#
43	34.3	22.3	33.5#





#3

Pvridine

Concen: 16.63 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

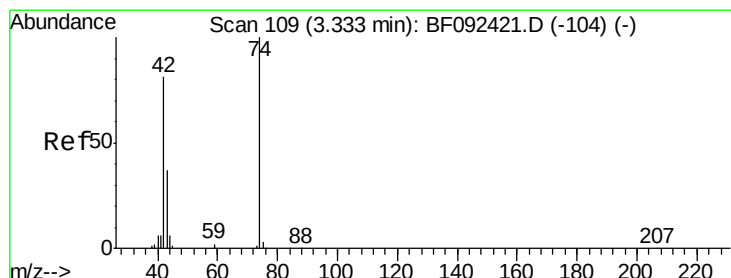
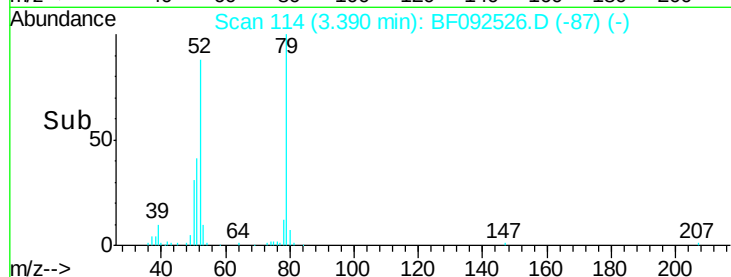
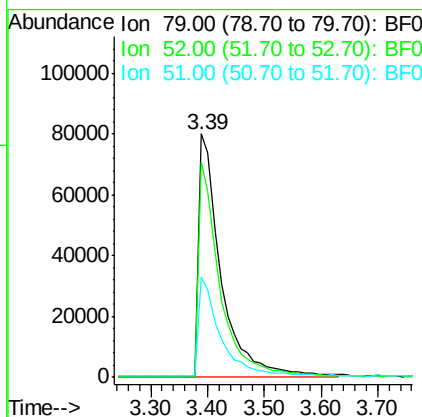
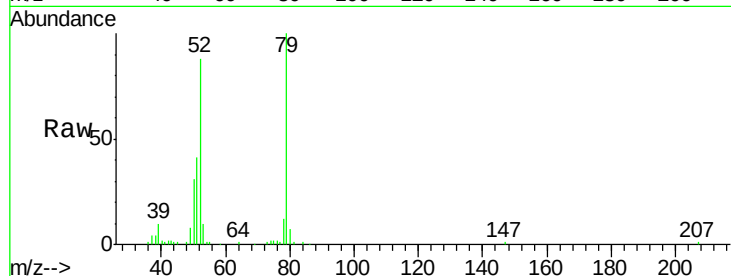
CAS-SB-01-0-2MSD

Tot Ion: 79 Resp: 215980

Ion	Ratio	Lower	Upper
79	100		
52	88.3	57.1	85.7#
51	41.1	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 19.25 ng

RT: 3.32 min Scan# 108

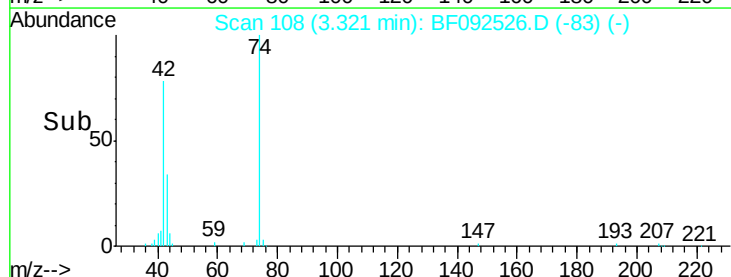
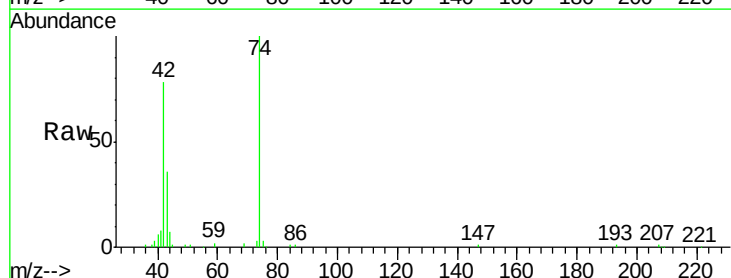
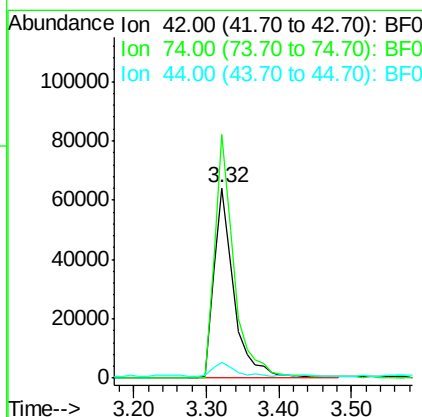
Delta R.T. -0.01 min

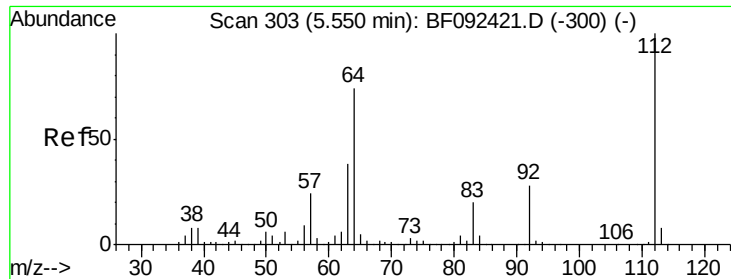
Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion: 42 Resp: 122623

Ion	Ratio	Lower	Upper
42	100		
74	128.0	117.0	175.4
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 61.71 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

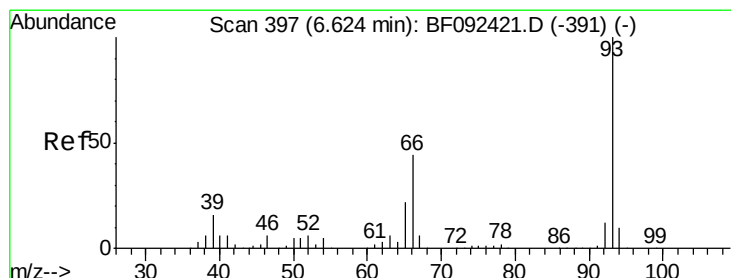
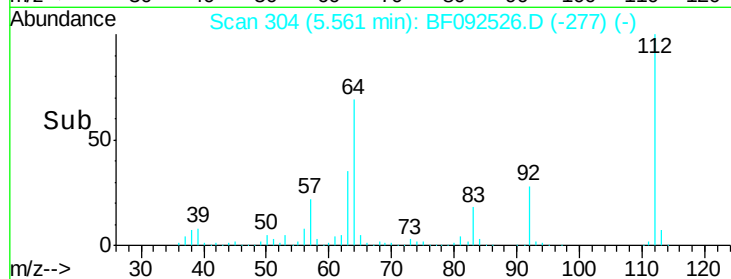
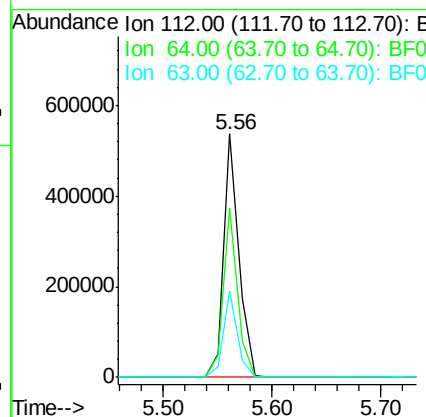
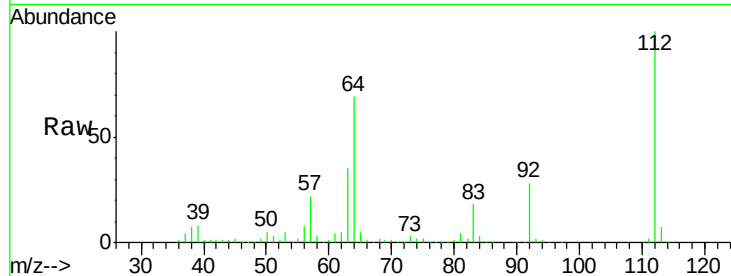
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	529190		
64	69.4	46.1	69.1#	
63	35.4	23.8	35.6	

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#6

Aniline

Concen: 8.01 ng

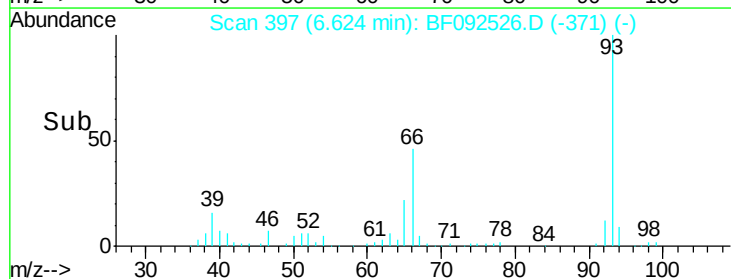
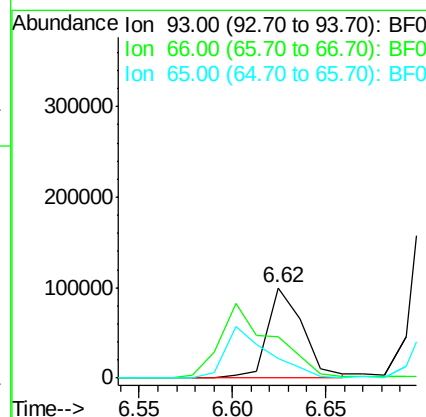
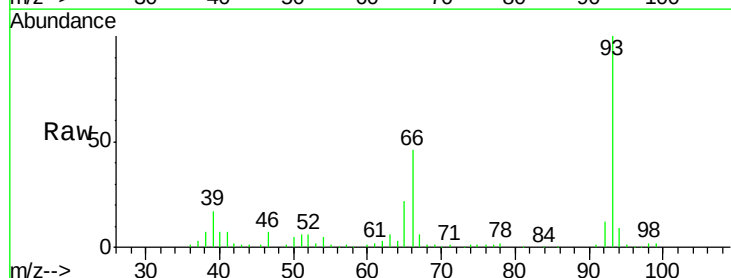
RT: 6.62 min Scan# 397

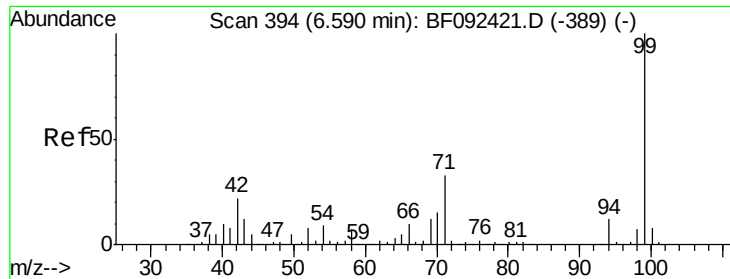
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	130549		
66	45.9	76.2	114.2#	
65	21.7	49.3	73.9#	





#7

Phenol-d6

Concen: 58.98 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

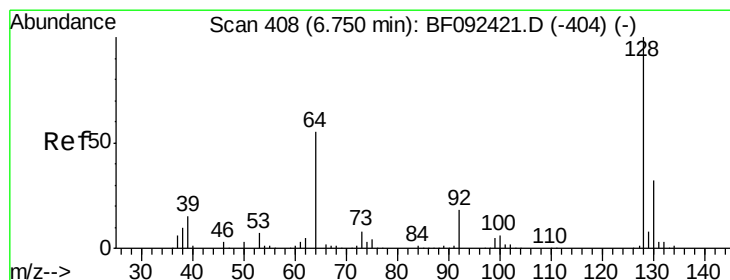
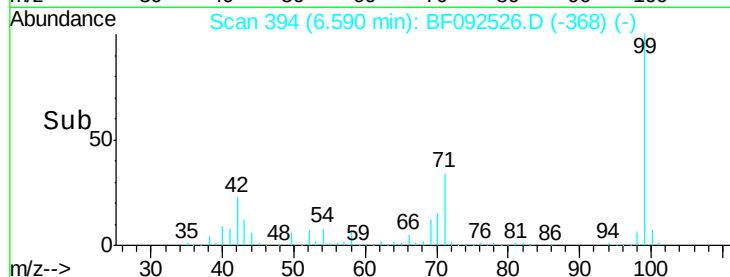
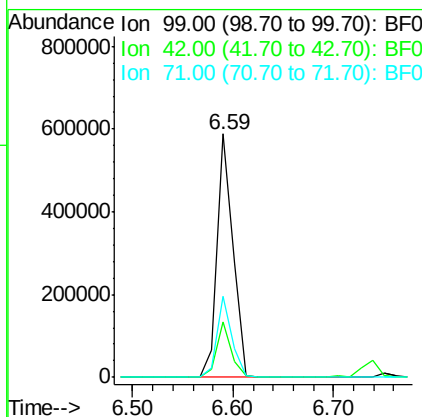
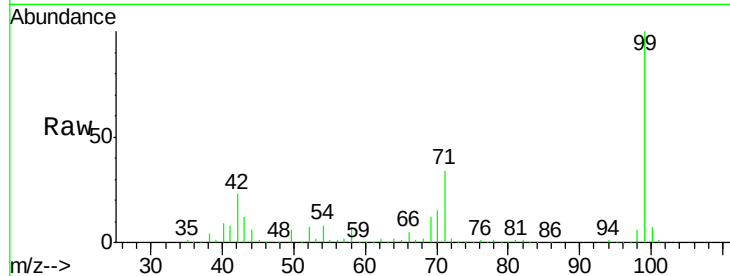
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Tot Ion:	99	Resp:	644263
Ion	Ratio	Lower	Upper
99	100		
42	22.6	15.6	23.4
71	33.5	27.5	41.3

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#8

2-Chlorophenol

Concen: 20.23 ng

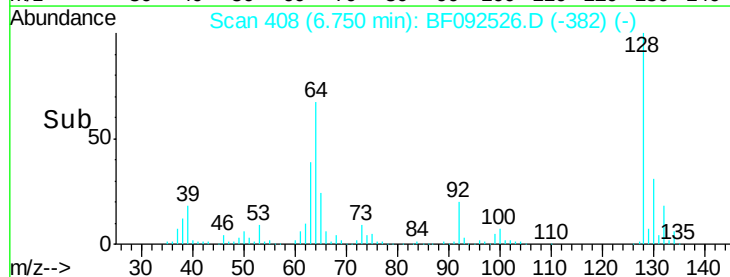
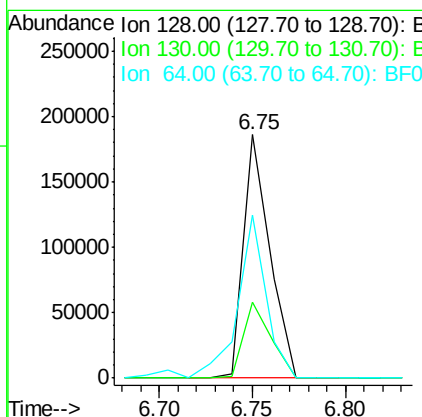
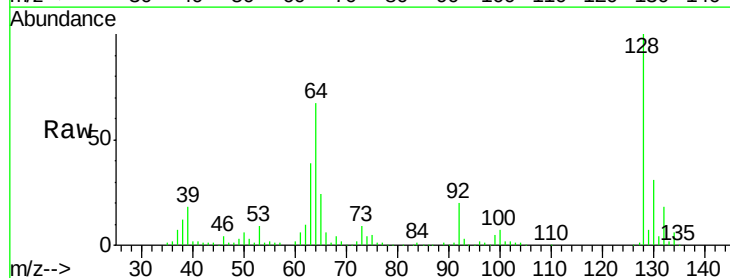
RT: 6.75 min Scan# 408

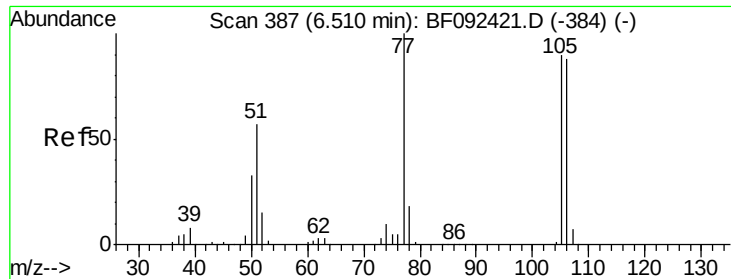
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	128	Resp:	182252
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.3	52.3
64	66.8	32.2	72.2





#9

Benzaldehyde

Concen: 18.60 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

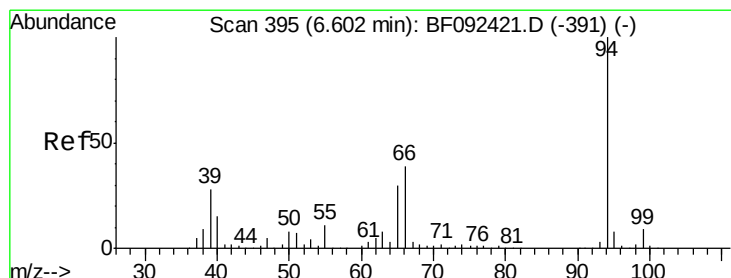
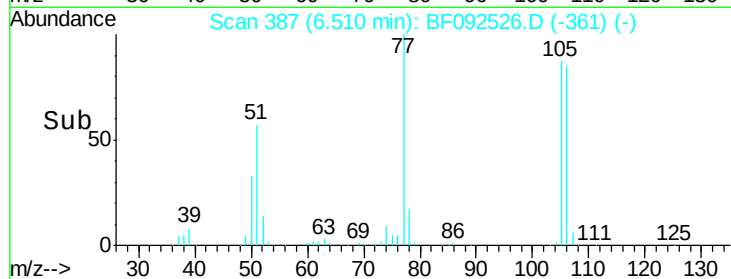
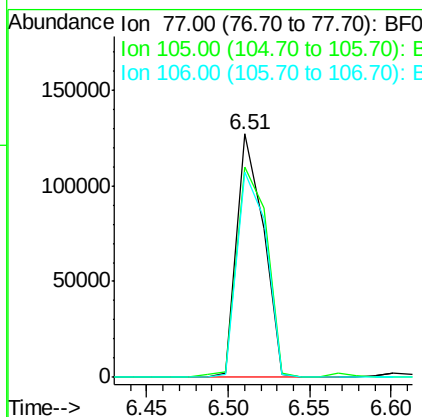
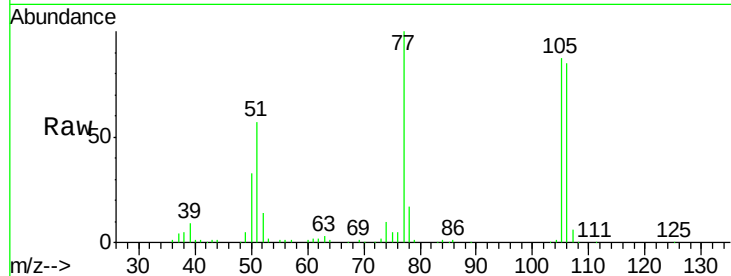
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	77	Resp:	144187
Ion Ratio	Lower	Upper	
77	100		
105	86.6	83.9	123.9
106	84.5	77.6	117.6

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#10

Phenol

Concen: 18.97 ng

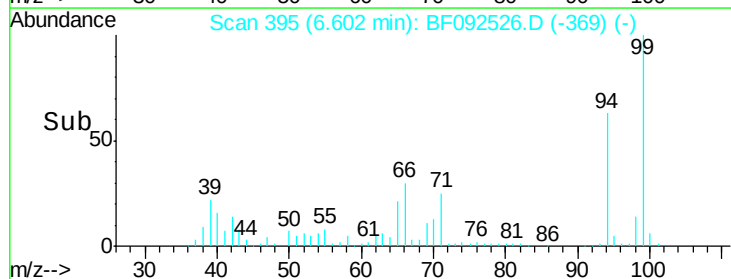
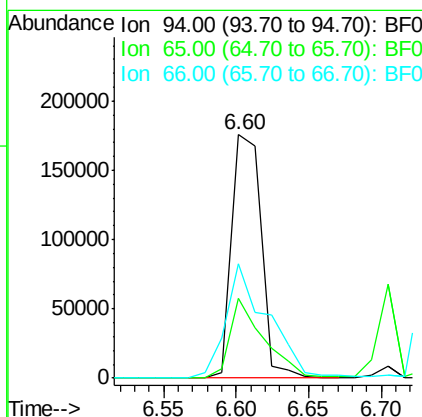
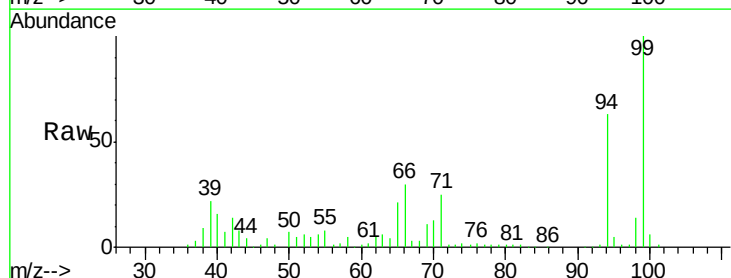
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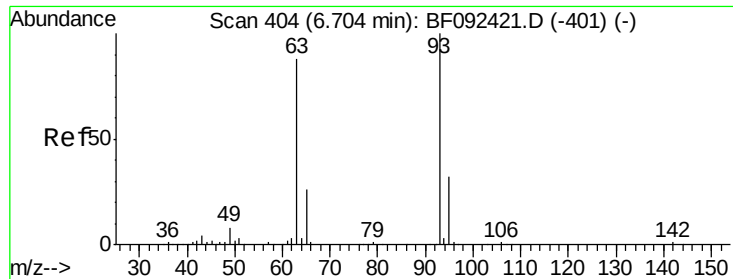
Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	94	Resp:	250133
Ion Ratio	Lower	Upper	
94	100		
65	32.8	21.4	61.4
66	46.8	44.0	84.0





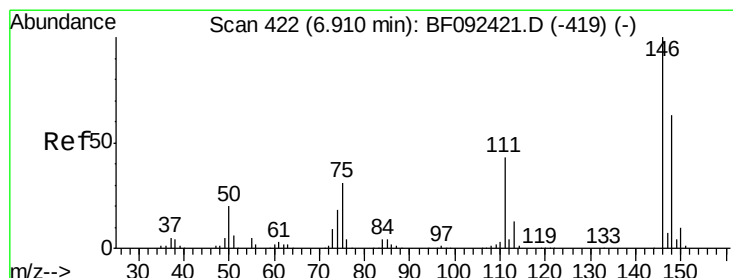
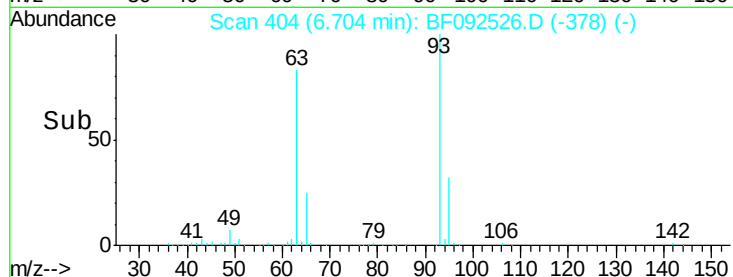
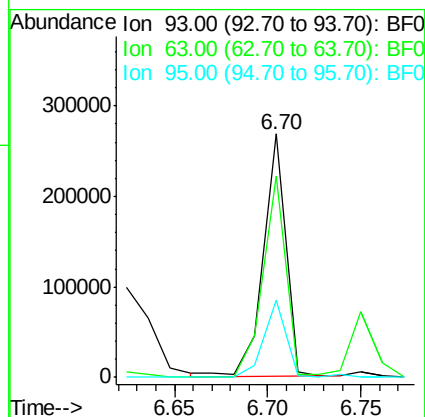
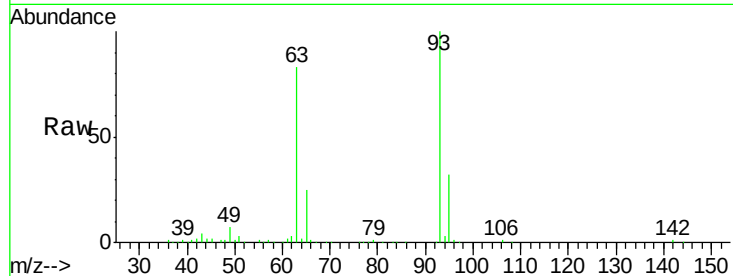
#11
bis(2-Chloroethyl)ether
Concen: 22.38 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.6	60.4	100.4
95	31.8	12.8	52.8

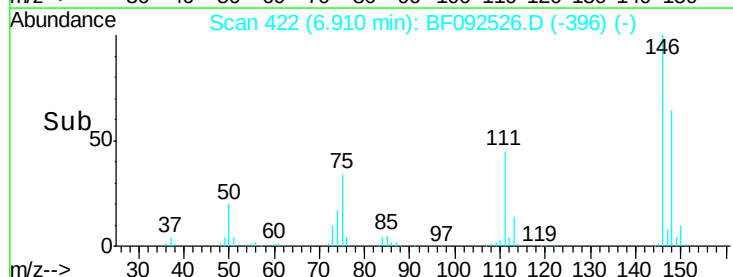
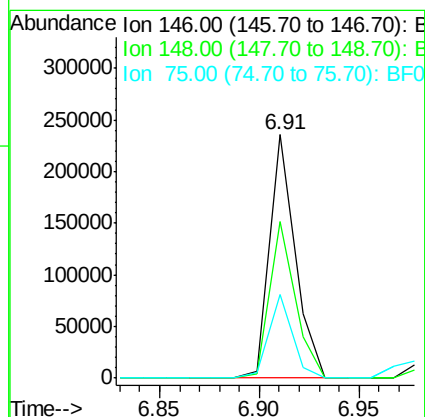
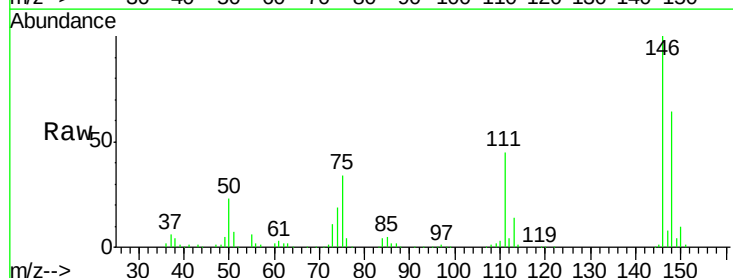
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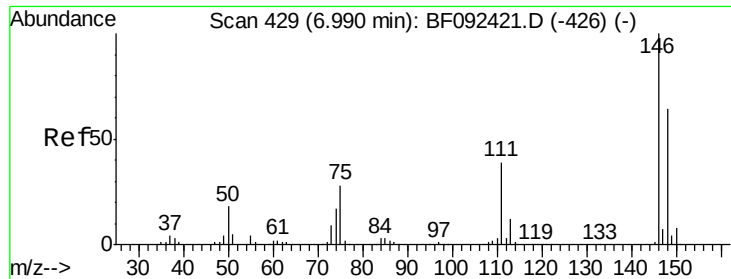
mohammad
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#12
1,3-Dichlorobenzene
Concen: 19.64 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	34.3	18.5	27.7





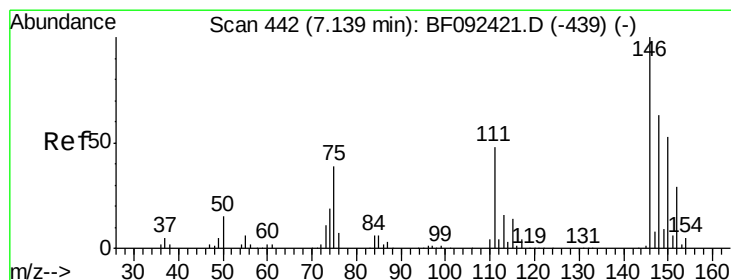
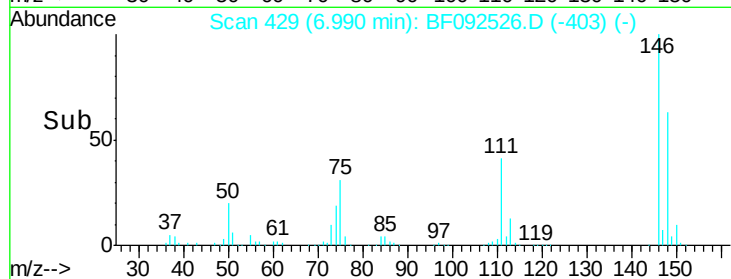
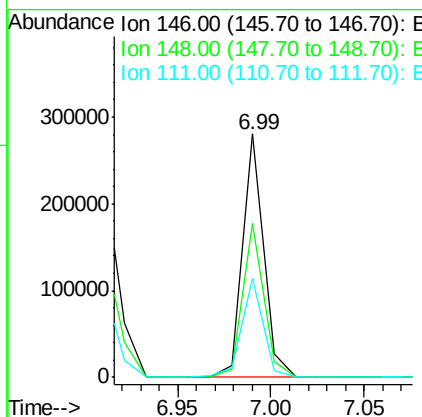
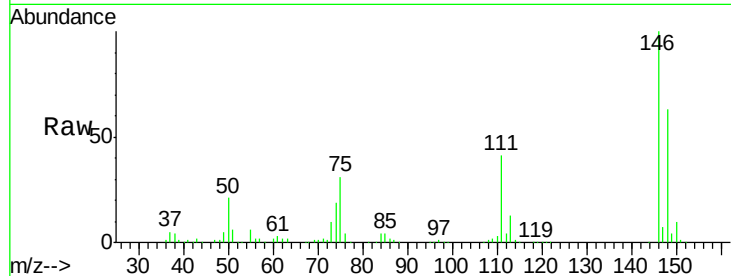
#13
 1,4-Dichlorobenzene
 Concen: 20.67 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	40.5	36.2	54.4

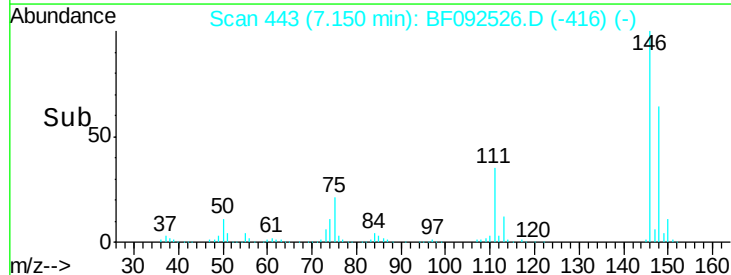
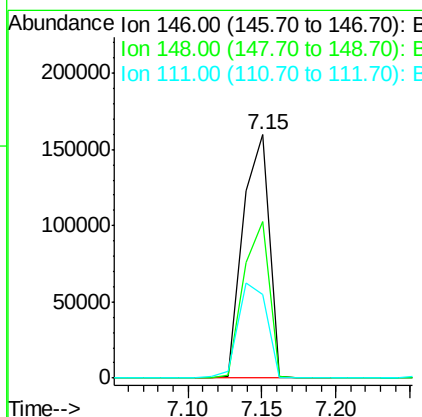
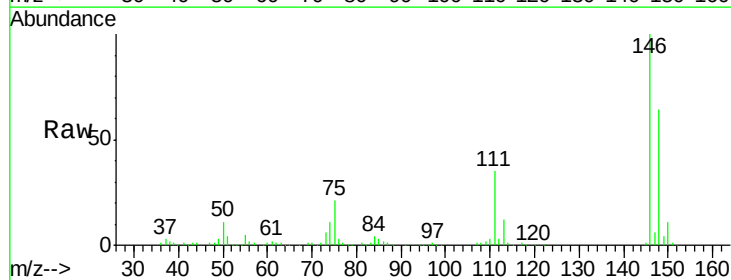
Manual Integrations
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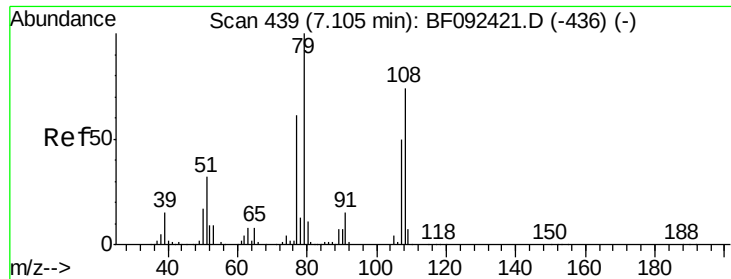
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 19.19 ng m
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	34.6	36.2	54.2#





#15

Benzyl Alcohol

Concen: 18.95 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

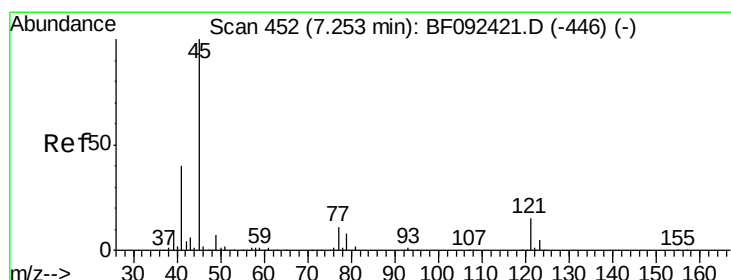
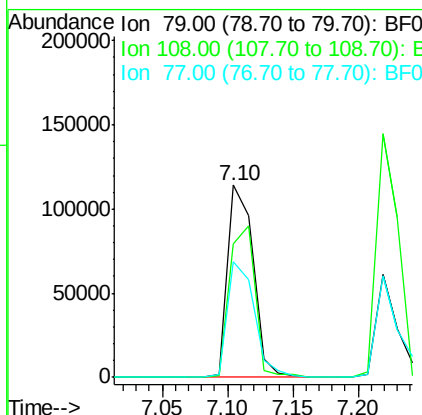
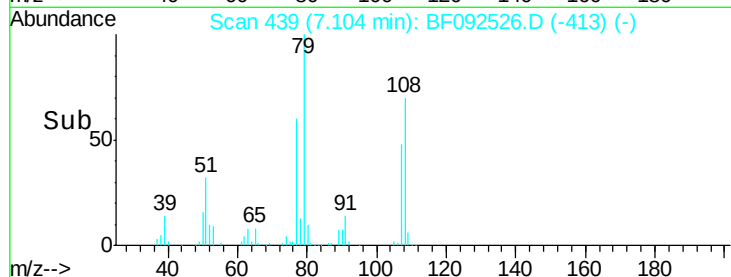
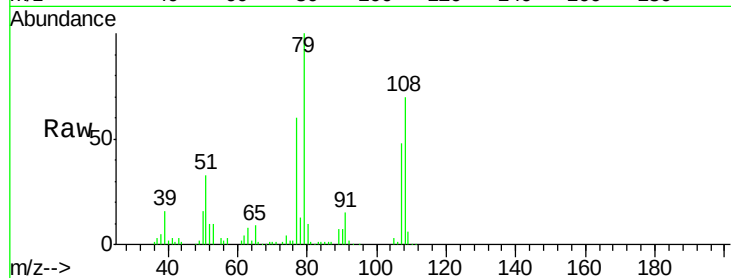
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	79	Resp:	156004
Ion Ratio	Lower	Upper	
79	100		
108	69.8	61.4	92.0
77	60.0	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.47 ng

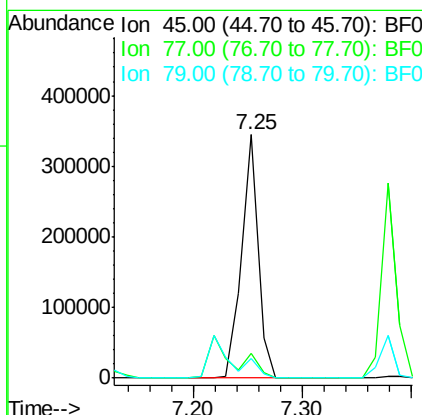
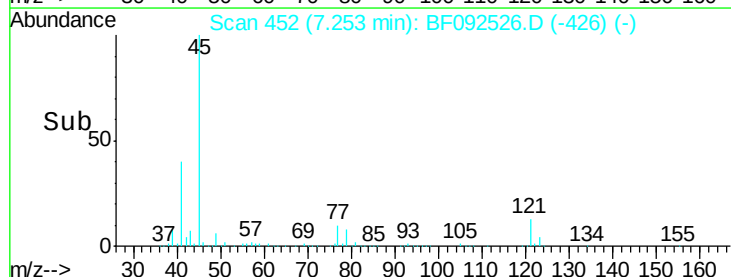
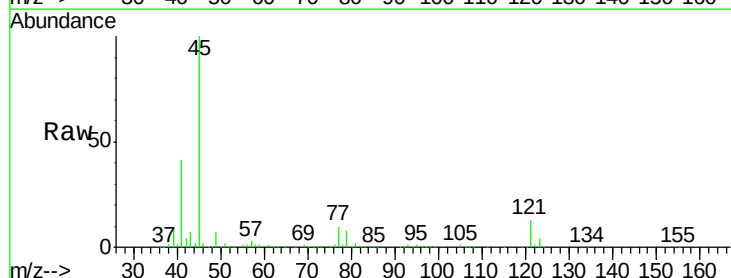
RT: 7.25 min Scan# 452

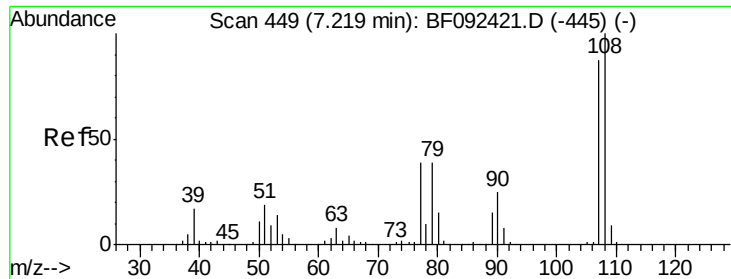
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	45	Resp:	360432
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	34.6
79	8.1	0.0	31.2





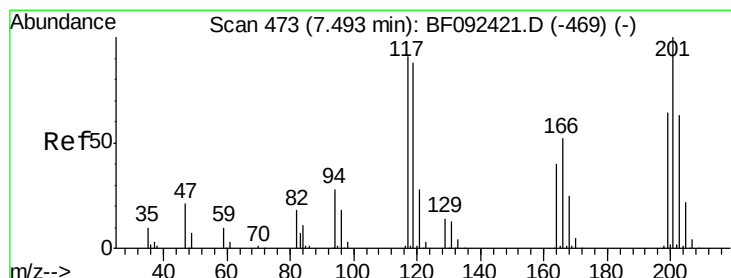
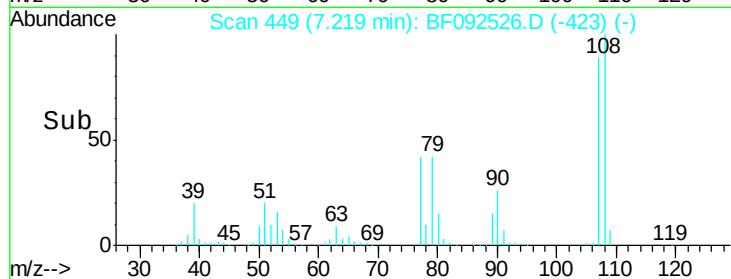
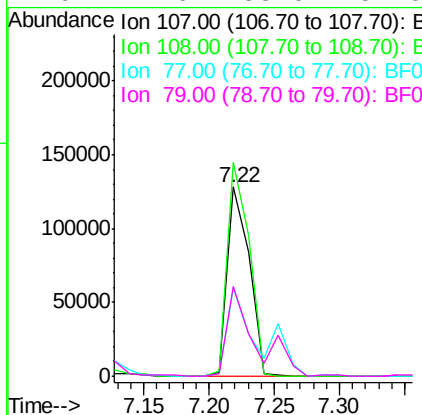
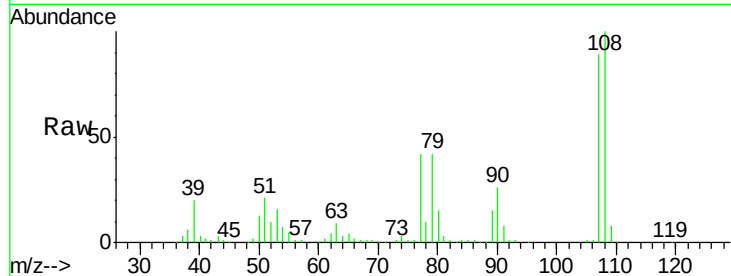
#17
2-Methylphenol
Concen: 19.38 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	107	Resp	149119
Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	46.9	39.8	59.8
79	47.6	38.0	57.0

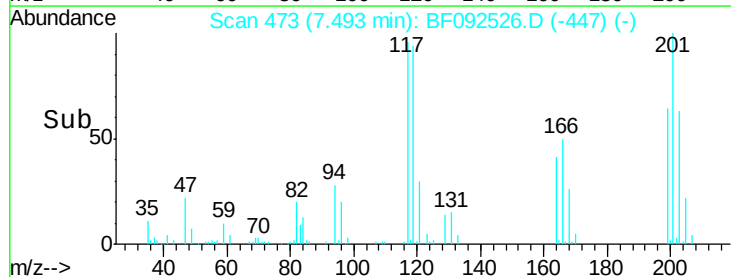
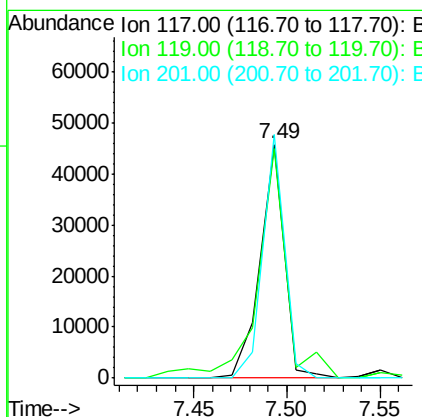
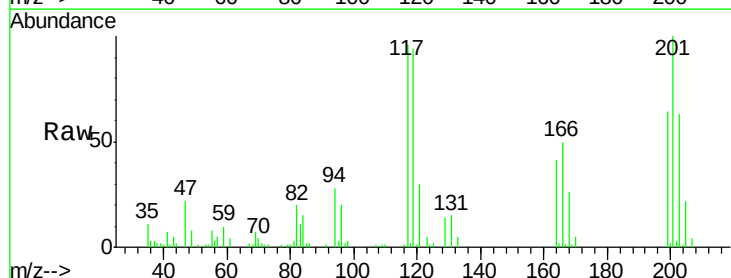
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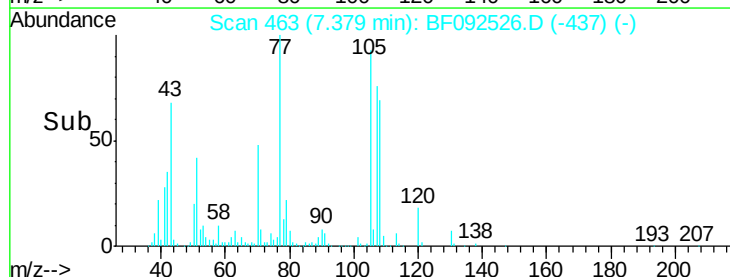
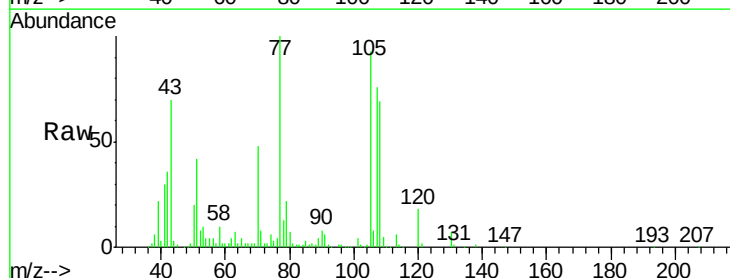
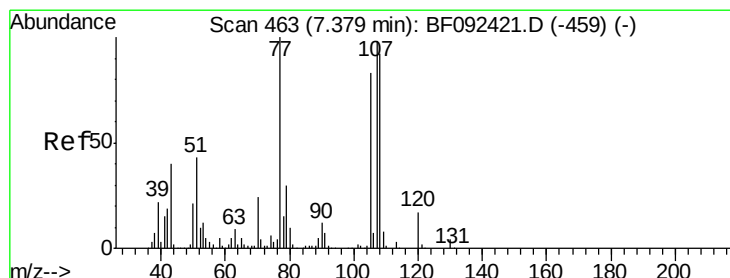
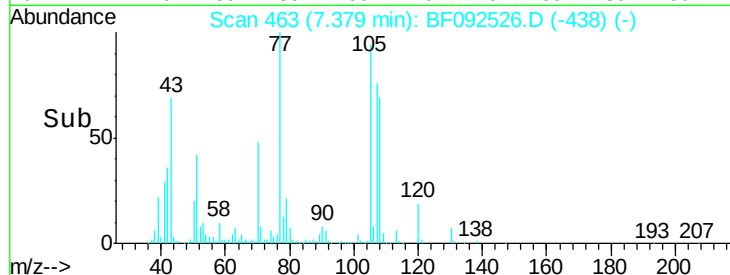
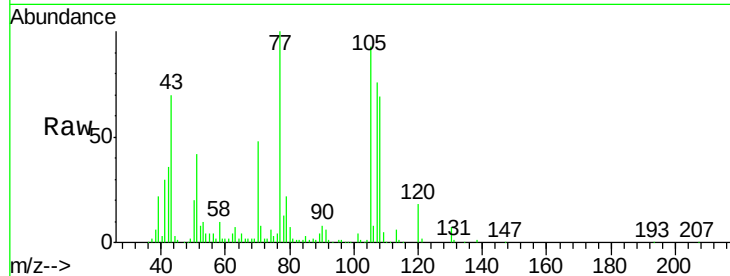
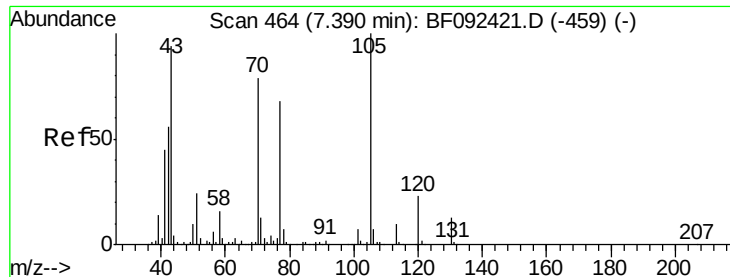
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#18
Hexachloroethane
Concen: 11.09 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	117	Resp	40974
Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.1	117.1
201	104.3	78.6	117.8





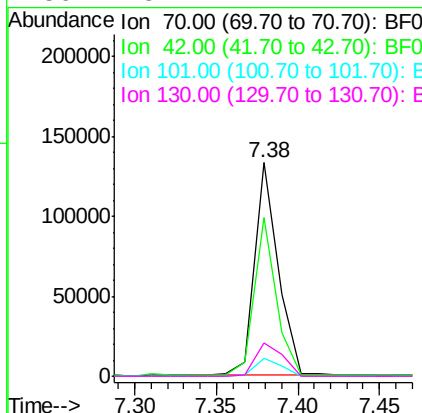
#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.0	49.4	74.0#	
101	8.6	7.4	11.2	
130	15.4	14.2	21.4	

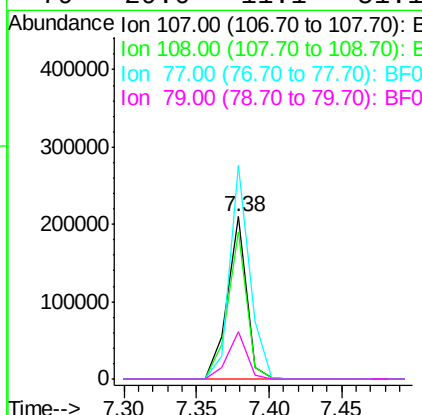
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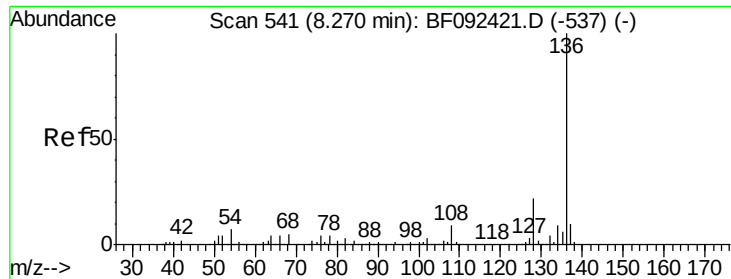
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#20
3+4-Methylphenols
Concen: 20.78 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	73.0	113.0	
77	131.6	71.3	111.3#	
79	29.0	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

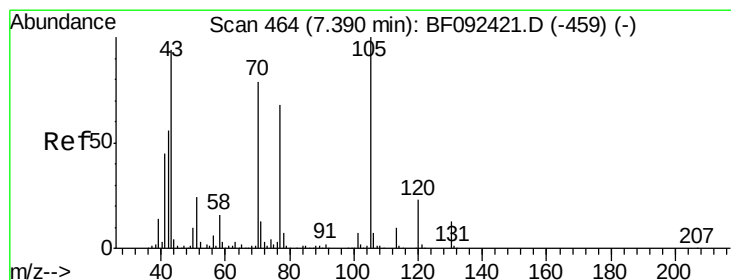
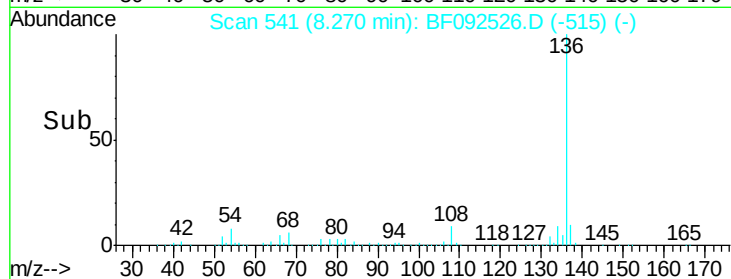
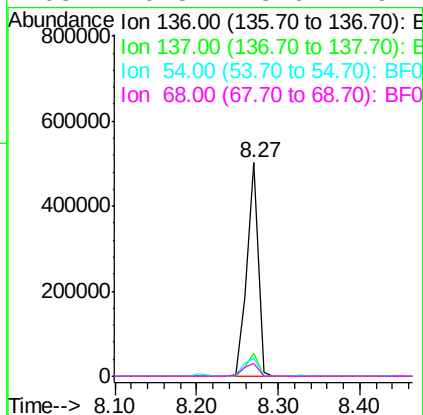
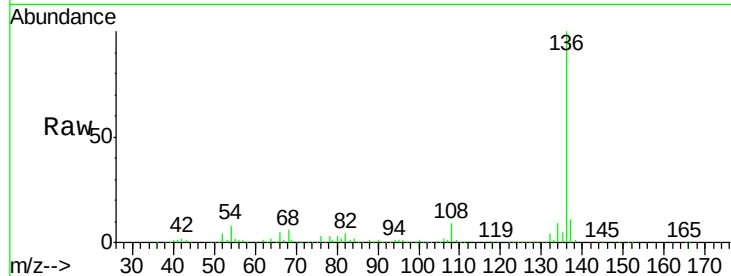
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	480670		
137	10.6		8.4	12.6
54	8.2		4.5	6.7#
68	6.3		3.6	5.4#

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#22

Acetophenone

Concen: 23.20 ng

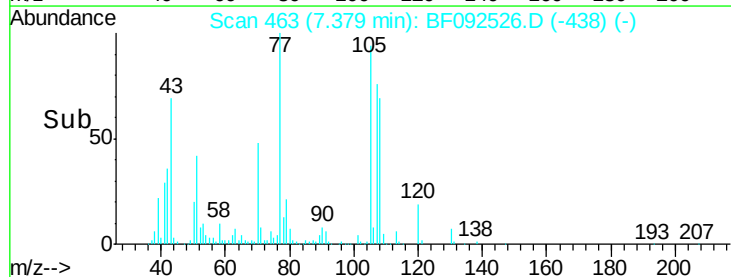
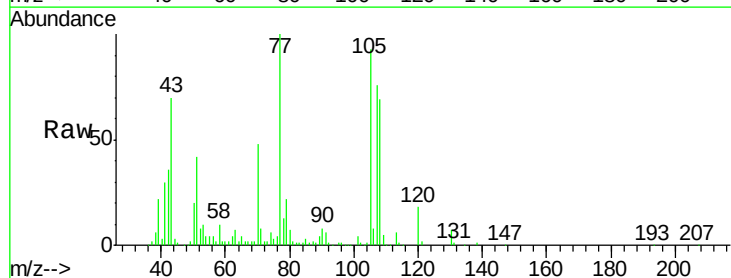
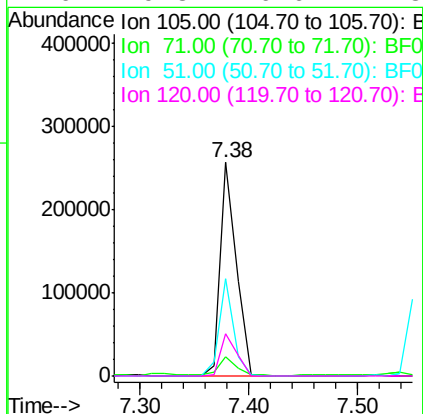
RT: 7.38 min Scan# 463

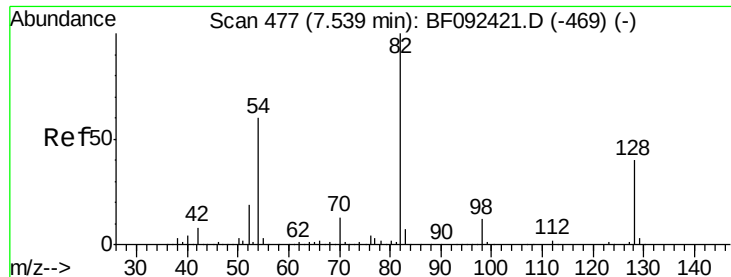
Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265582		
71	9.1		3.2	4.8#
51	45.4		26.2	39.4#
120	19.8		16.6	24.8





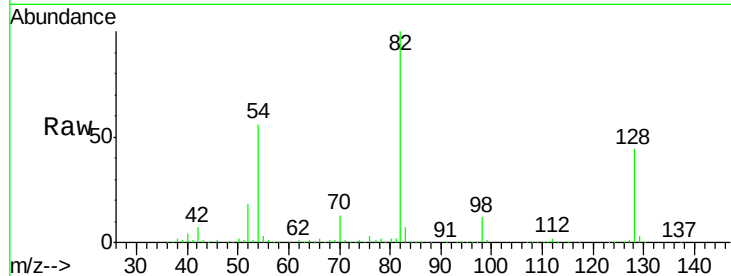
#23
 Nitrobenzene-d5
 Concen: 45.72 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

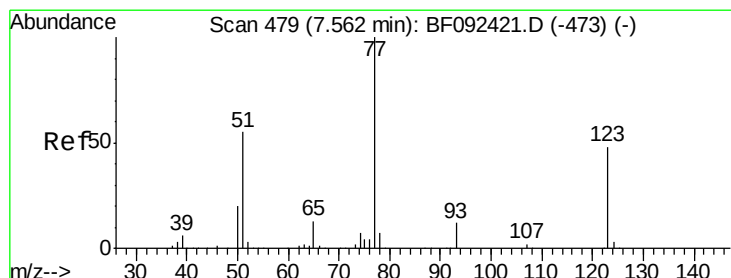
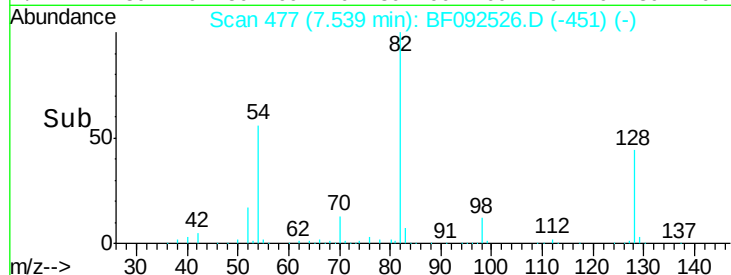
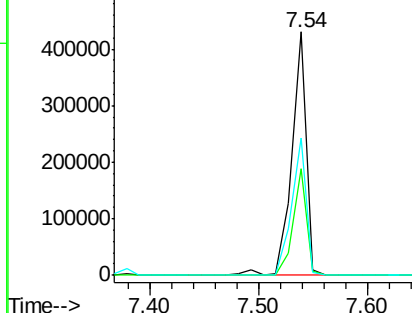
Tot Ion	Ratio	Resp	Lower	Upper
82	100	402332		
128	43.6	34.6	52.0	
54	56.4	39.5	59.3	

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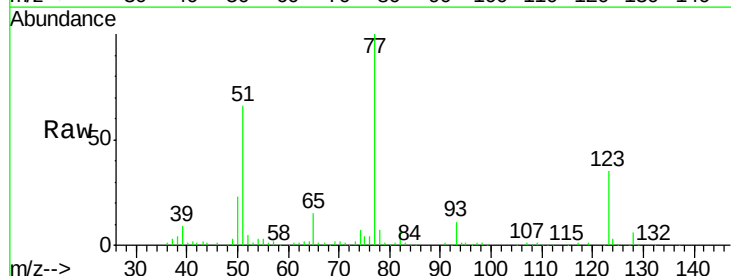


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

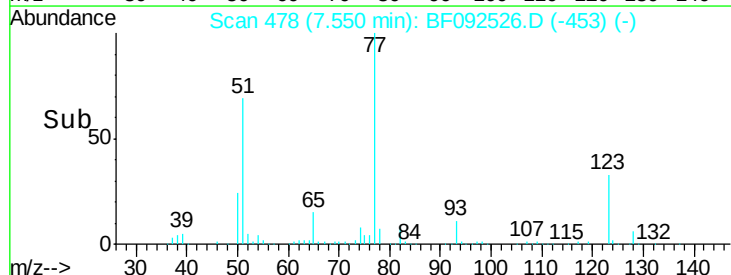
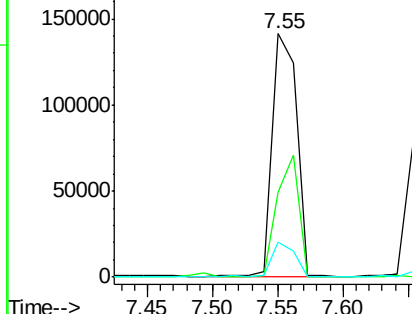


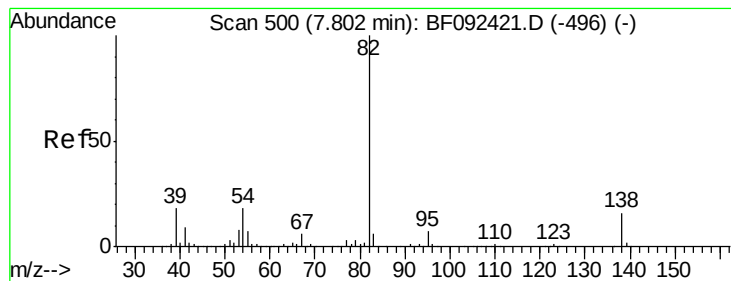
#24
 Nitrobenzene
 Concen: 20.19 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	186081		
123	34.9	33.0	49.4	
65	14.5	11.2	16.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 20.47 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

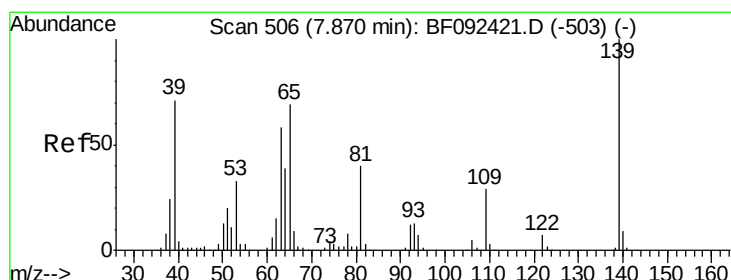
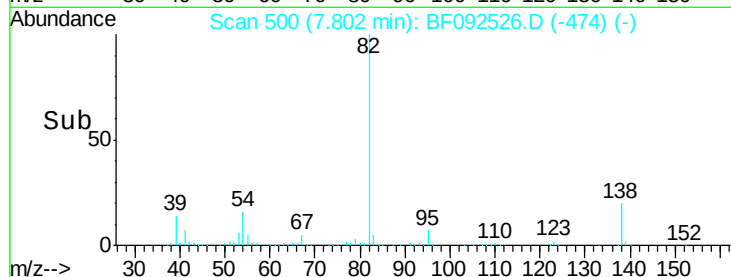
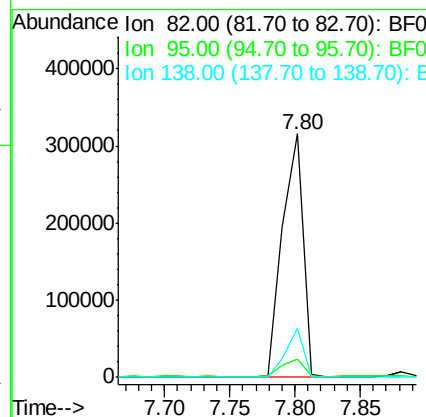
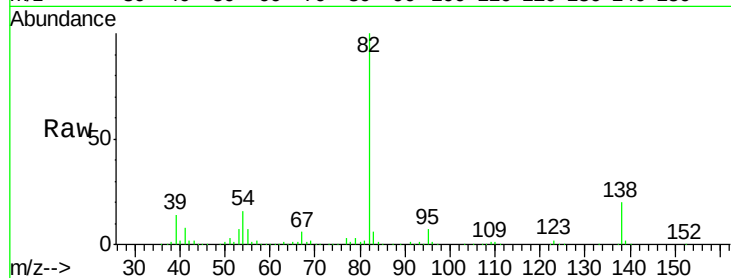
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	82	Resp:	354942
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	19.9	14.6	22.0

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#26

2-Nitrophenol

Concen: 11.59 ng

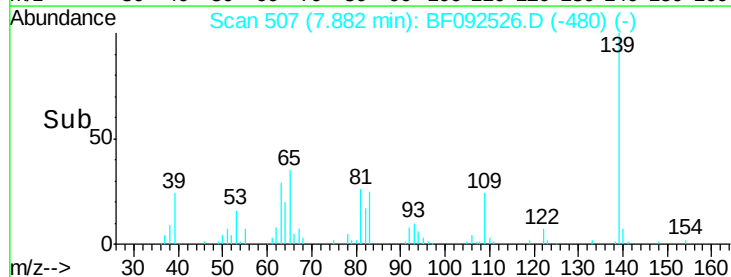
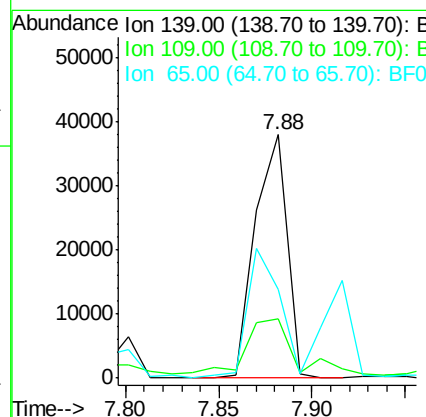
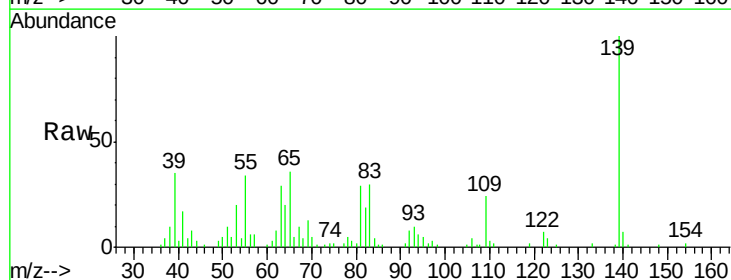
RT: 7.88 min Scan# 507

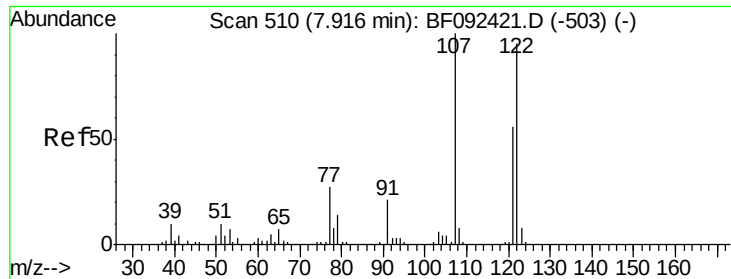
Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	139	Resp:	44783
Ion Ratio	Lower	Upper	
139	100		
109	24.5	23.3	34.9
65	36.4	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 20.95 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

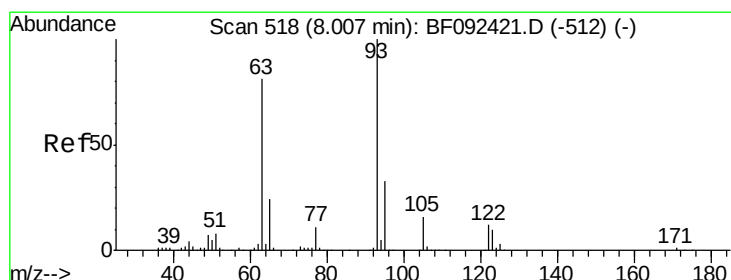
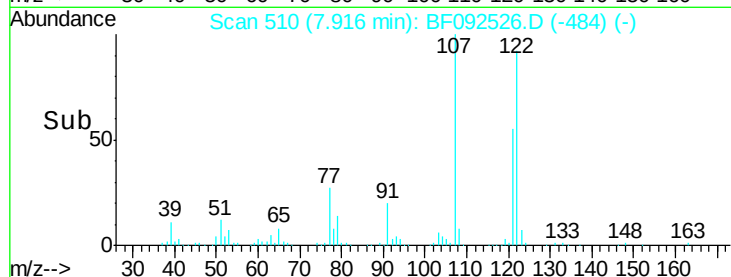
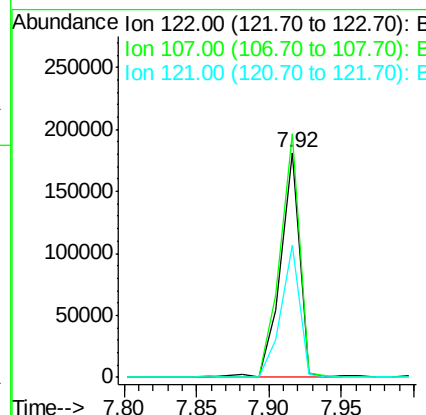
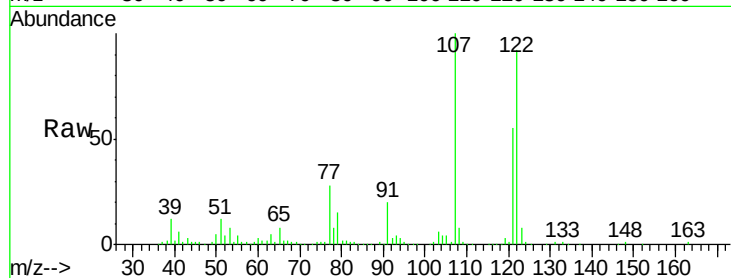
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	122	Resp:	168312
Ion Ratio	Lower	Upper	
122	100		
107	108.3	94.1	141.1
121	59.0	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 20.05 ng

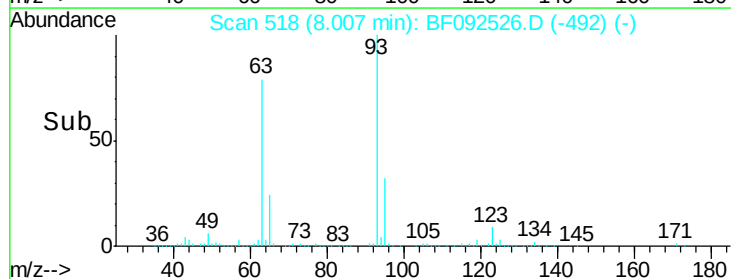
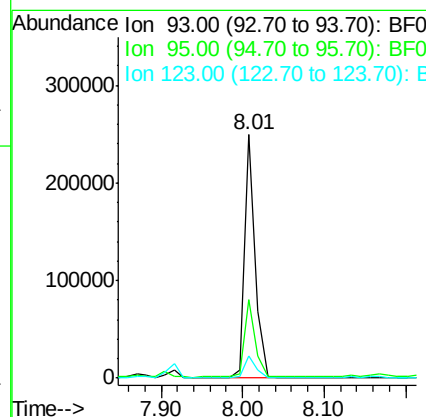
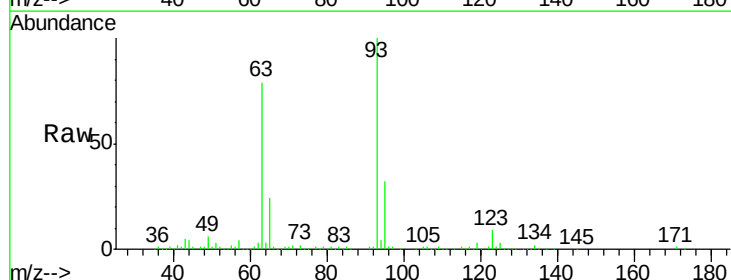
RT: 8.01 min Scan# 518

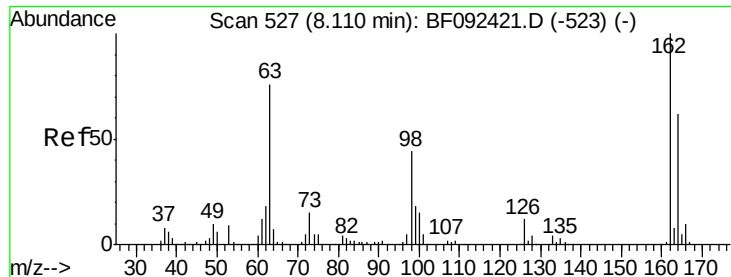
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	93	Resp:	228192
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	9.3	8.6	13.0





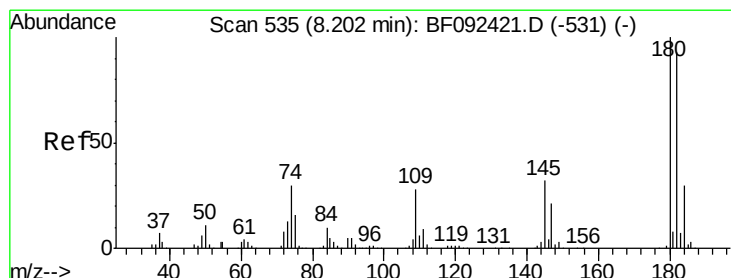
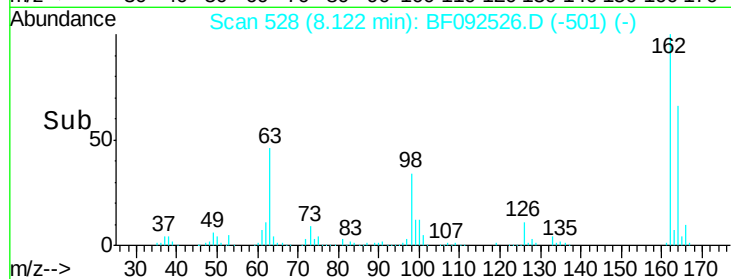
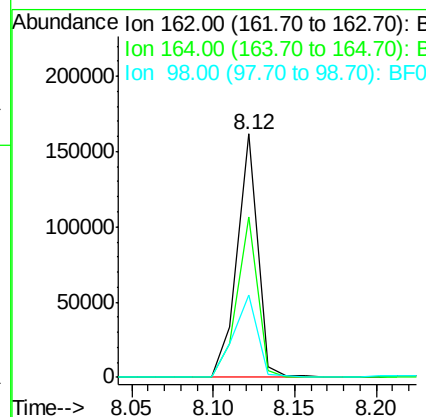
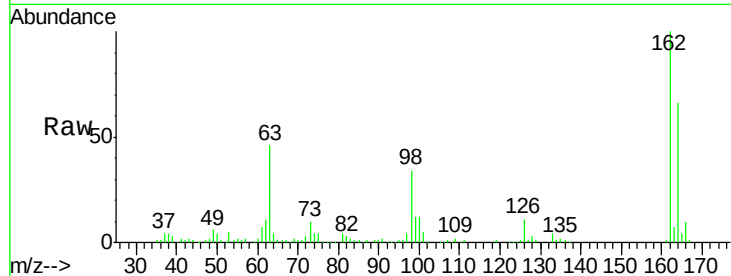
#29
 2,4-Dichlorophenol
 Concen: 20.21 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	140793		
164	65.8	46.8	86.8	
98	34.1	9.1	49.1	

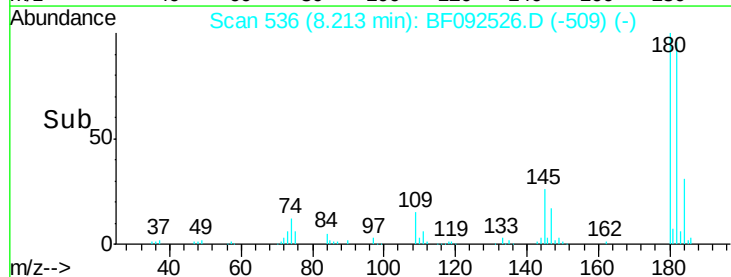
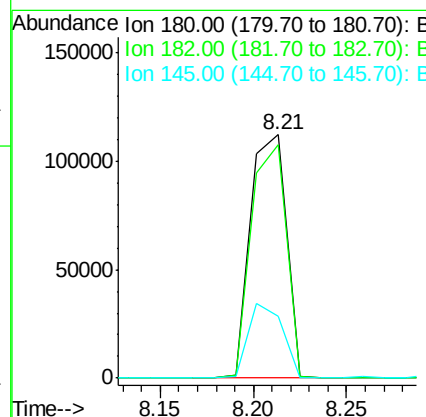
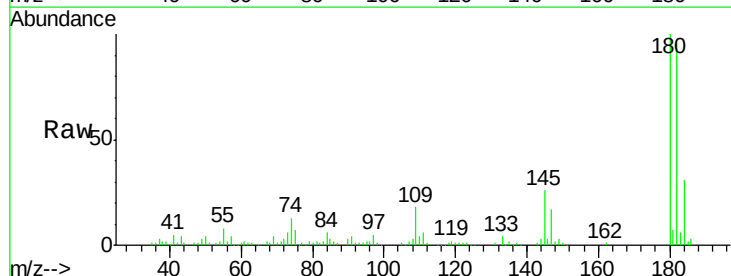
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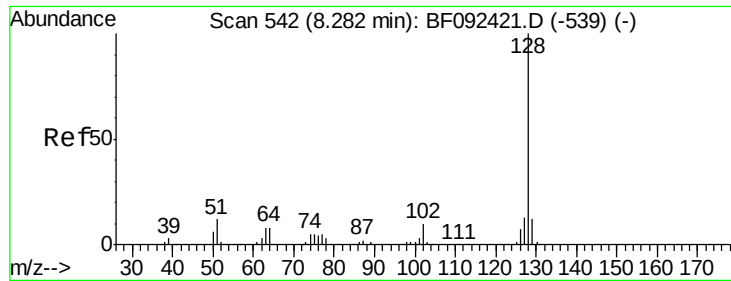
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#30
 1,2,4-Trichlorobenzene
 Concen: 19.88 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149636		
182	96.1	78.2	117.4	
145	25.5	21.6	32.4	





#31

Naphthalene

Concen: 19.93 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

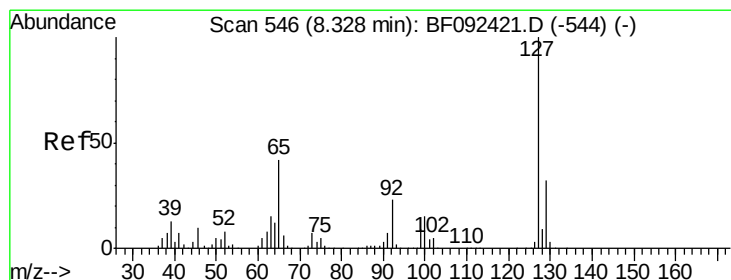
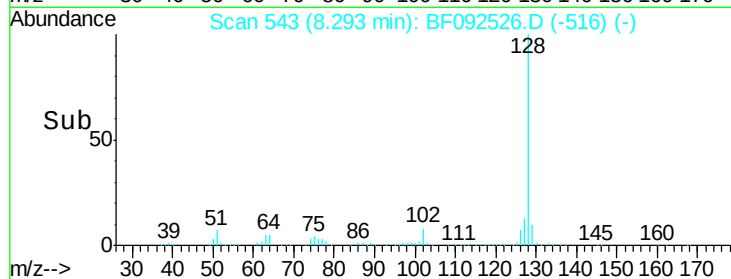
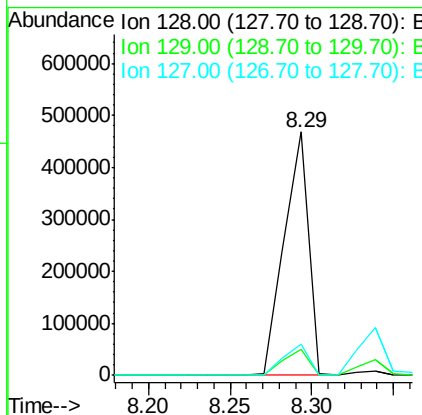
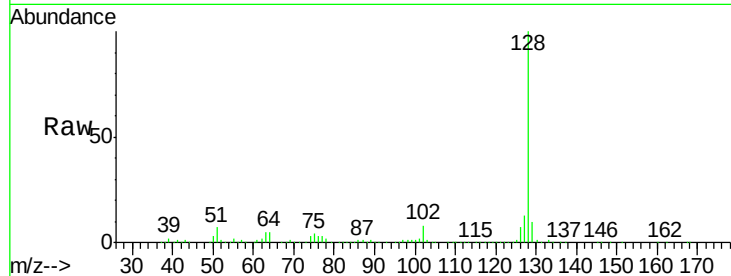
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	128	Resp:	490261
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.5	14.3
127	13.0	10.8	16.2

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#33

4-Chloroaniline

Concen: 10.79 ng

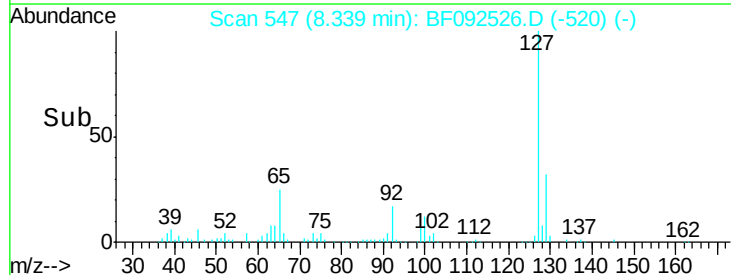
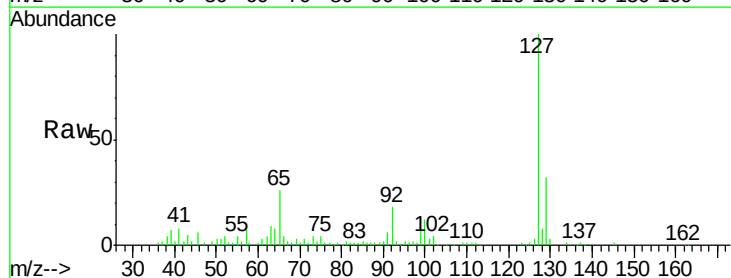
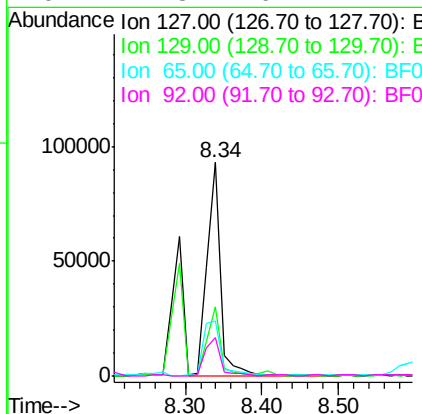
RT: 8.34 min Scan# 547

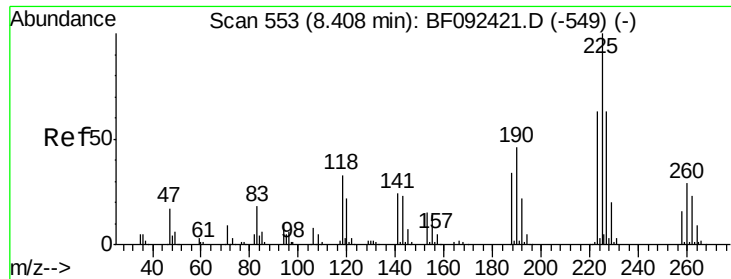
Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	127	Resp:	112318
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.3	39.5
65	25.9	25.8	38.8
92	17.8	16.1	24.1





#34

Hexachlorobutadiene

Concen: 21.13 ng

RT: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

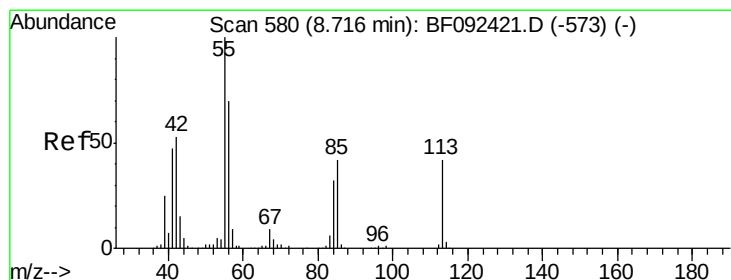
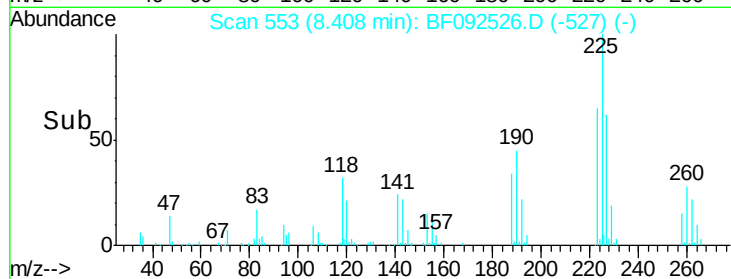
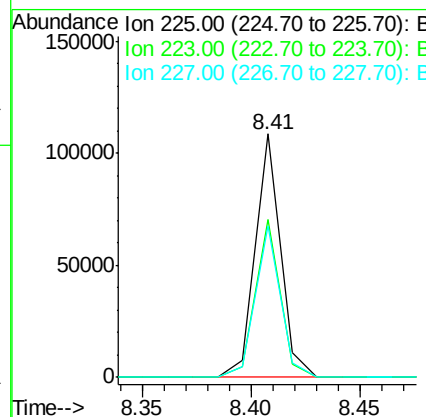
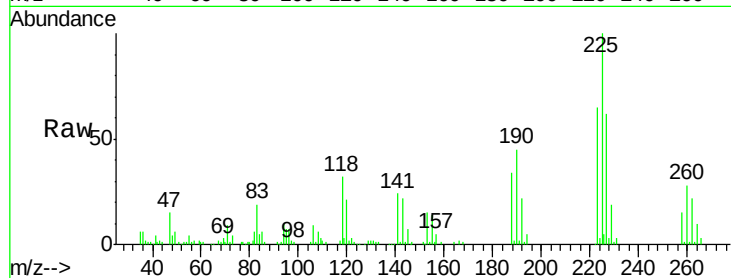
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	225	Resp:	87026
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.0	76.6
227	62.1	50.6	76.0

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#35

Caprolactam

Concen: 18.42 ng

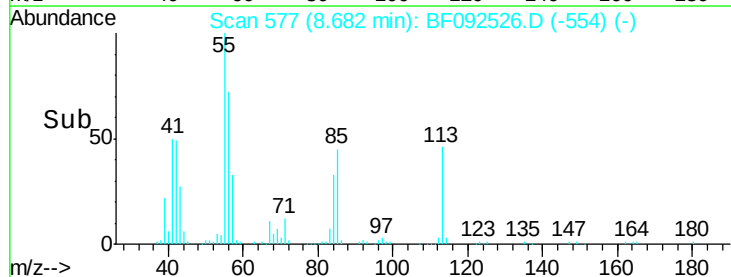
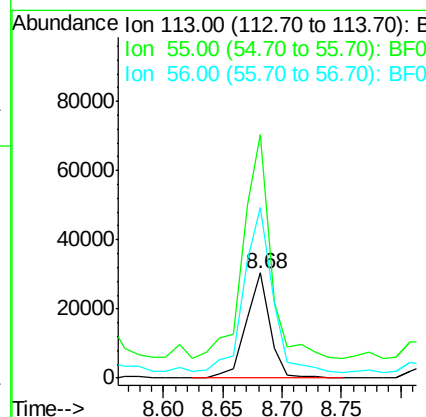
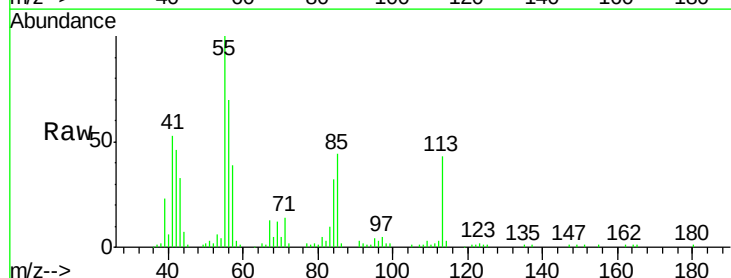
RT: 8.68 min Scan# 577

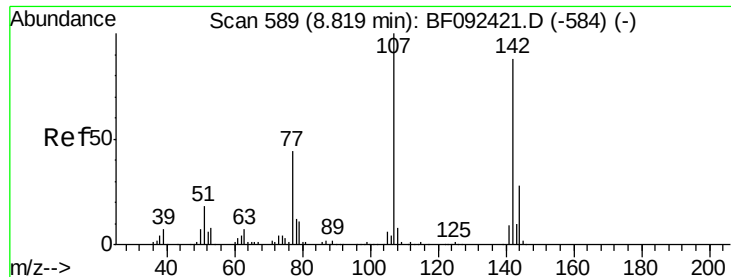
Delta R.T. -0.03 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	113	Resp:	42834
Ion Ratio	Lower	Upper	
113	100		
55	232.1	119.2	159.2#
56	162.8	83.8	123.8#





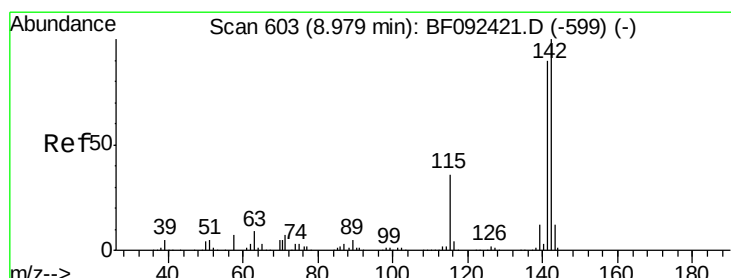
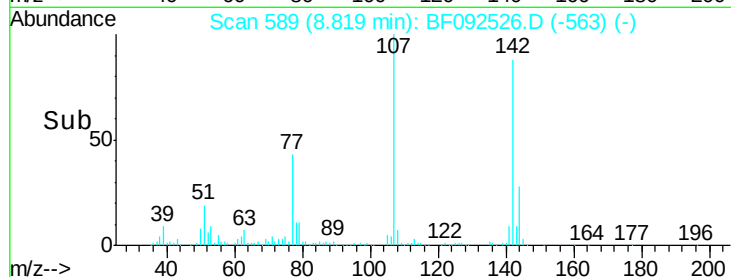
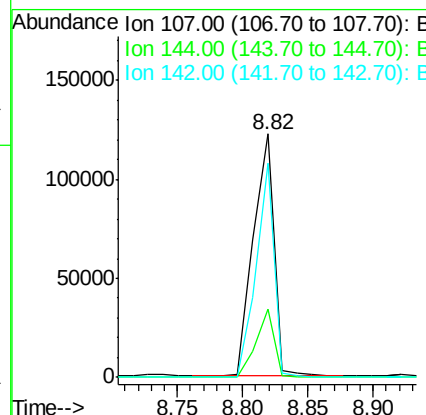
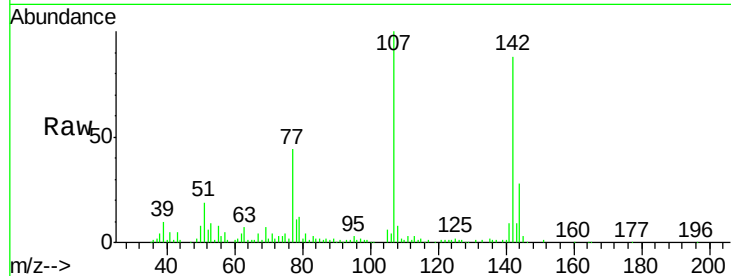
#36
 4-Chloro-3-methylphenol
 Concen: 18.01 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	135273		
144	27.8	19.3	28.9	
142	88.0	59.0	88.6	

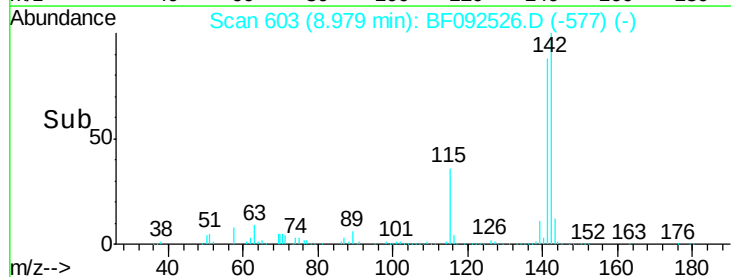
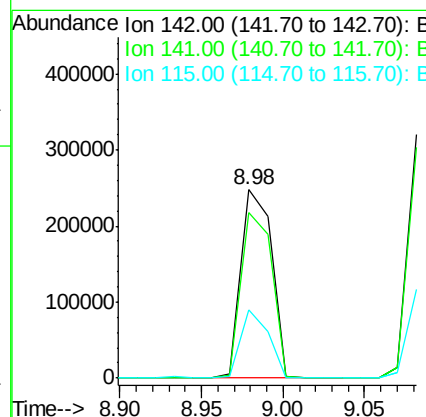
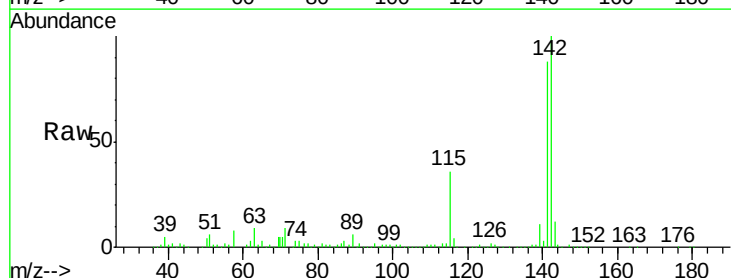
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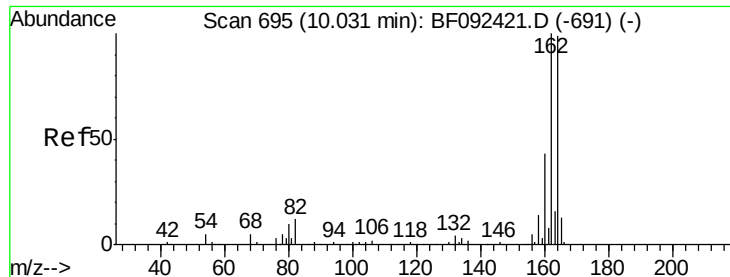
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#37
 2-Methylnaphthalene
 Concen: 20.60 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	320902		
141	88.2	71.0	106.6	
115	36.4	28.3	42.5	





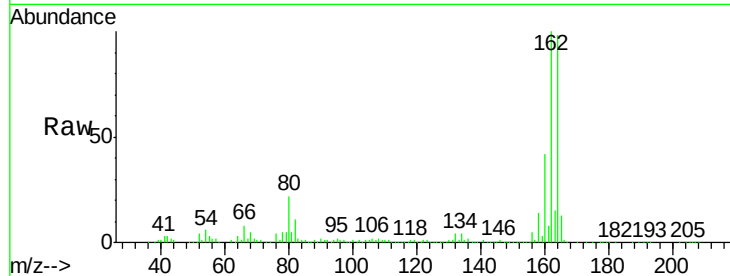
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	80.2	120.2	
160	43.0	36.9	55.3	

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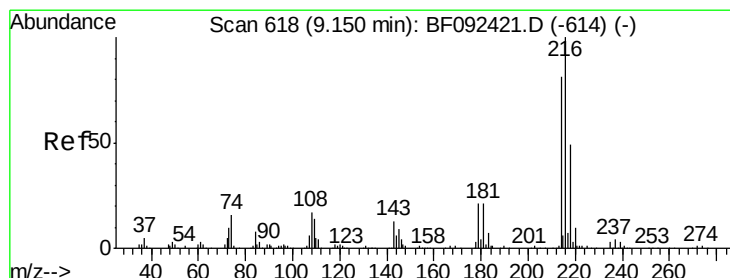
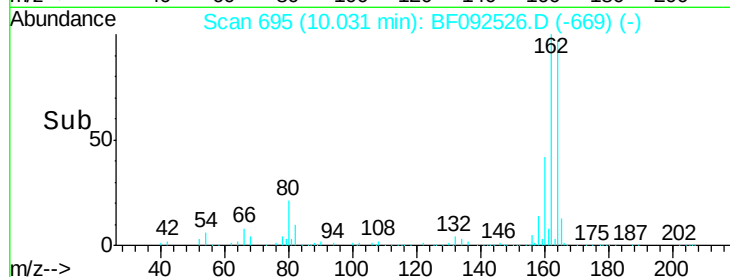
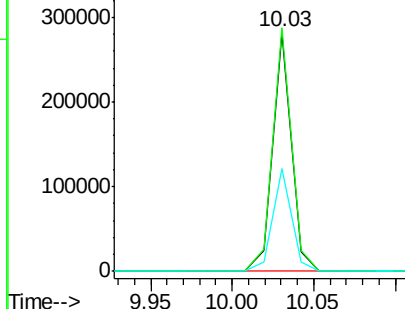


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.47 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.4	95.0	
179	22.8	17.4	26.2	
108	18.4	15.6	23.4	

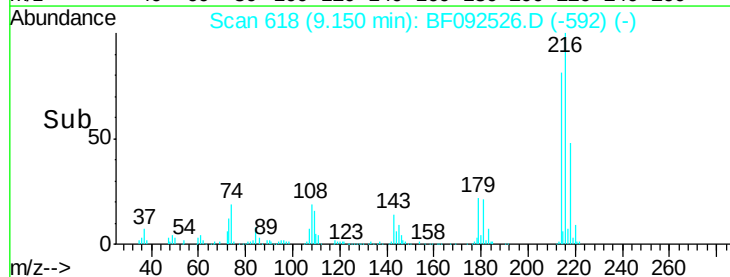
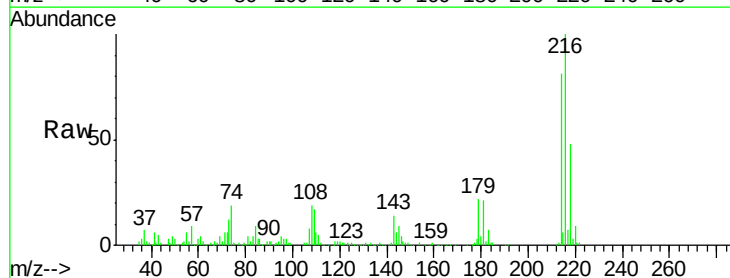
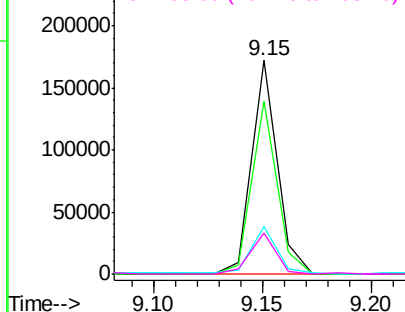
Abundance

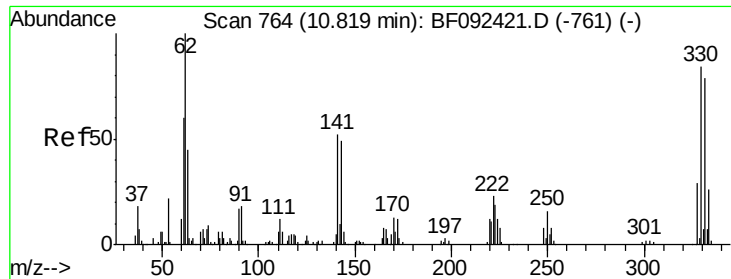
Ion 216.00 (215.70 to 216.70): E

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





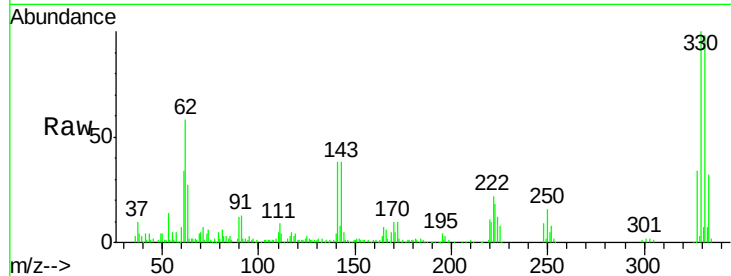
#41
 2,4,6-Tribromophenol
 Concen: 61.65 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	40.2	34.1	51.1

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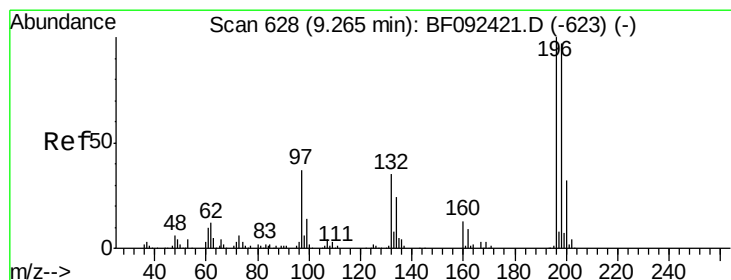
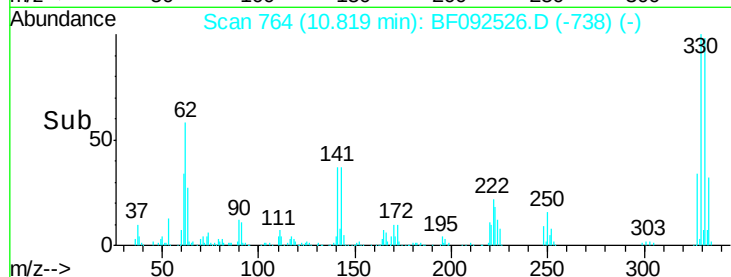
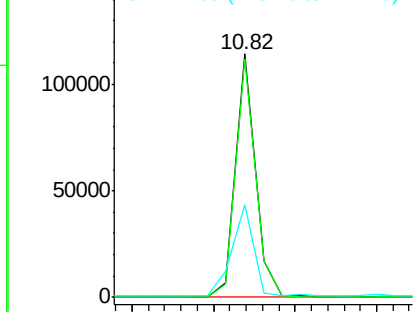


Abundance

Ion 329.80 (329.50 to 330.50): E

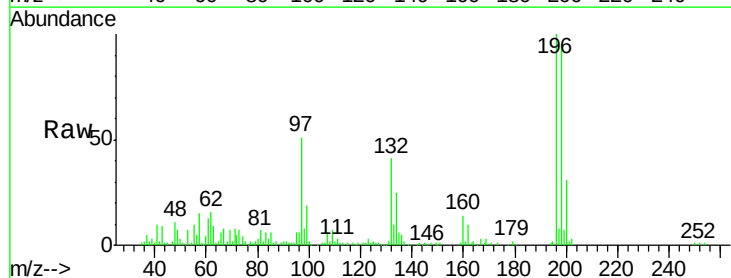
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 21.13 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	82.1	123.1
200	30.9	27.0	40.4

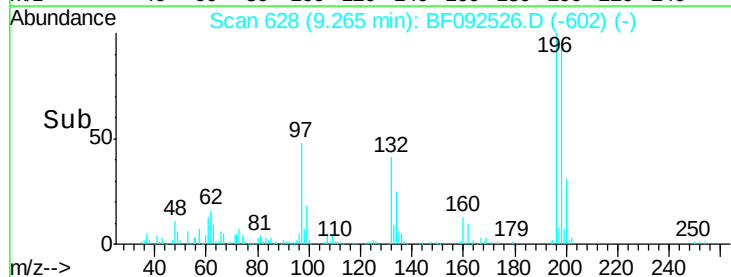
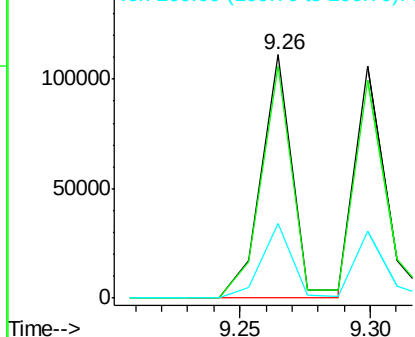


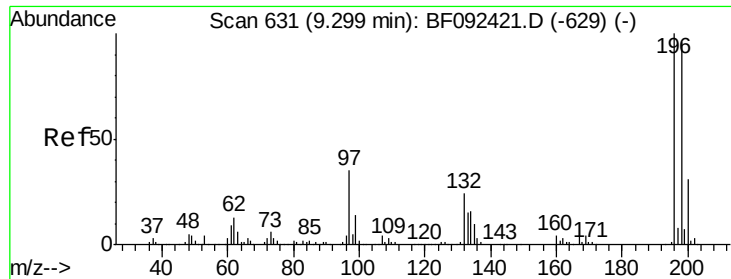
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





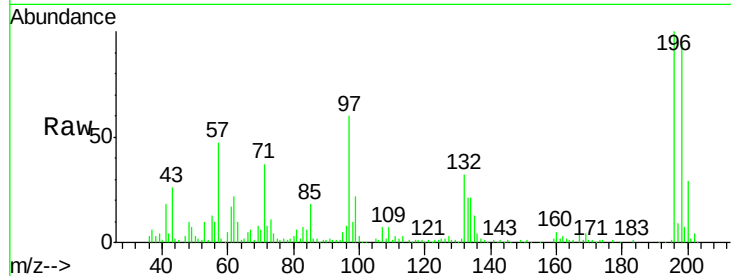
#43
 2,4,5-Trichlorophenol
 Concen: 21.46 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

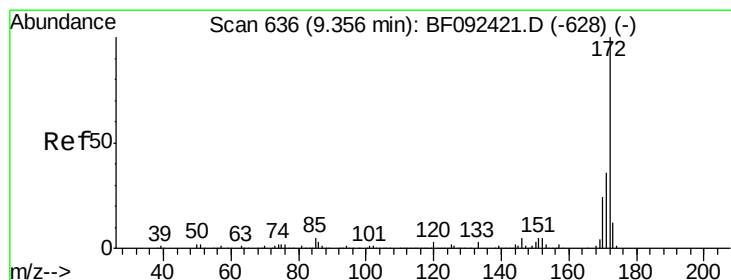
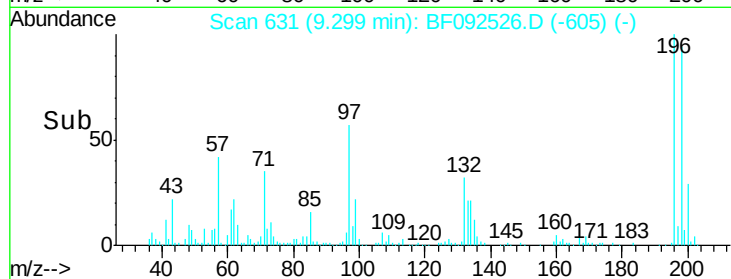
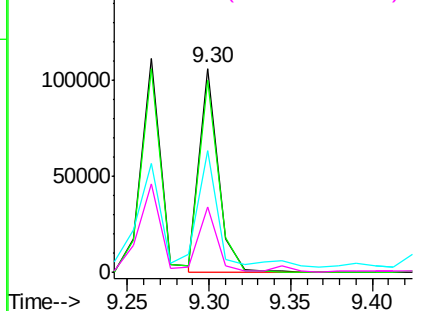
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		86535		
198	94.0		79.4	119.2	
97	59.8		51.5	77.3	
132	31.9		27.4	41.2	

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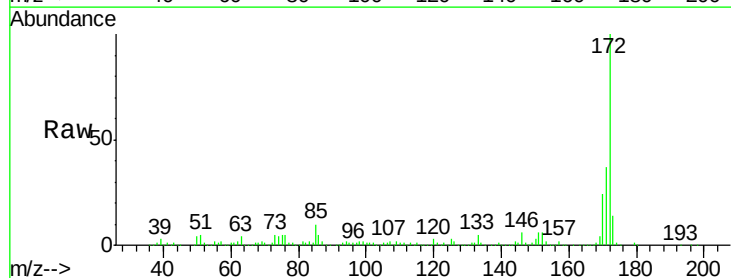


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

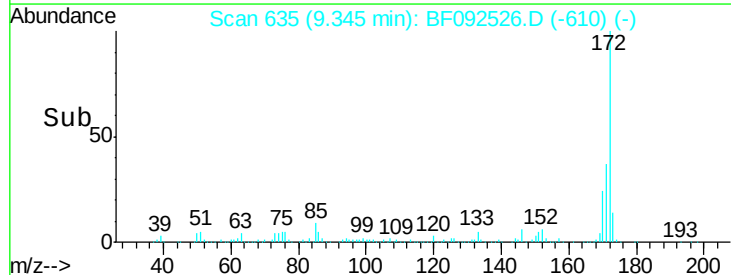
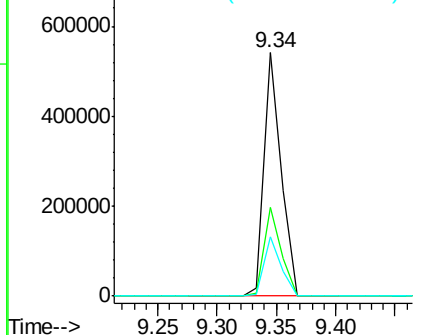


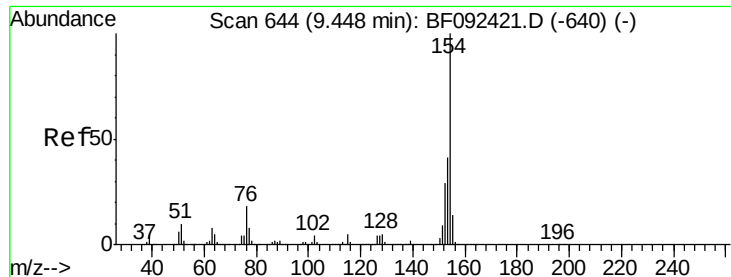
#44
 2-Fluorobiphenyl
 Concen: 44.23 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		545530		
171	36.6		29.4	44.0	
170	24.1		20.2	30.4	



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





#45

1,1'-Biphenyl

Concen: 22.75 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

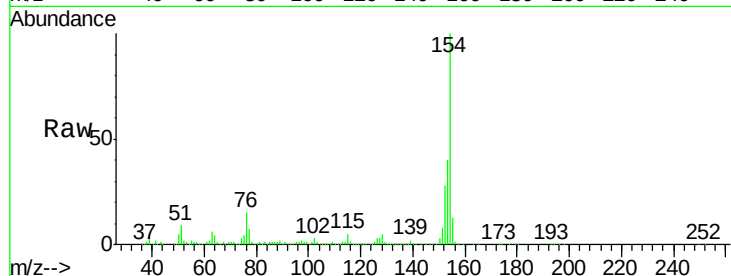
ClientSampleId :

CAS-SB-01-0-2MSD

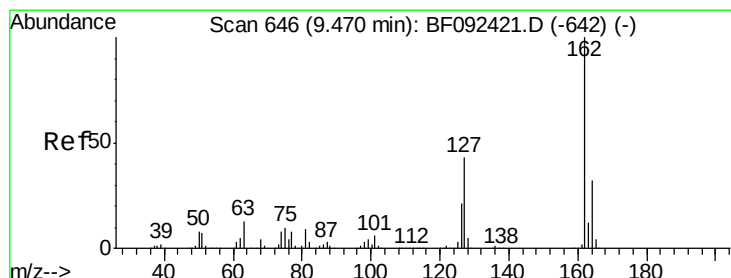
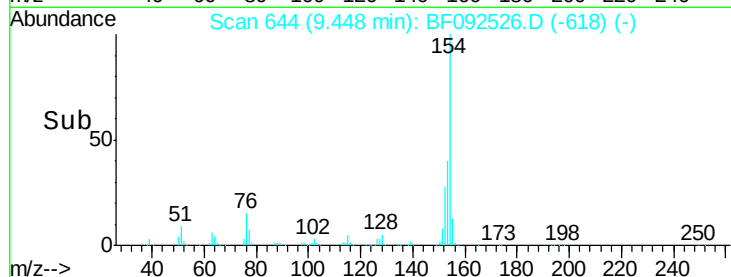
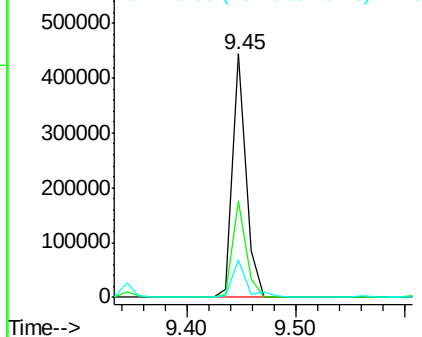
Tot Ion:	154	Resp:	374976
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.9	60.9
76	15.5	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 19.32 ng

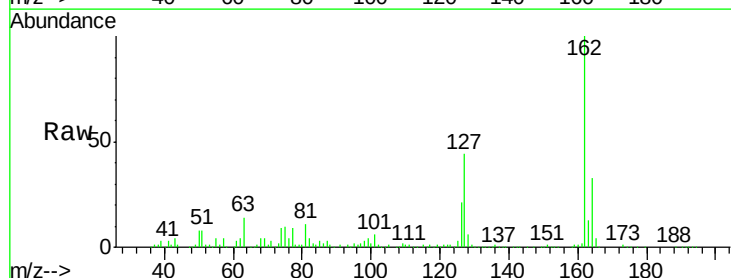
RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

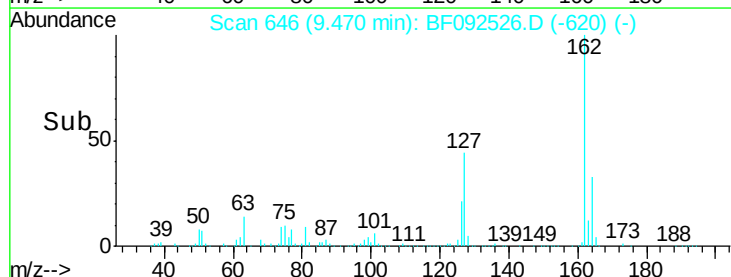
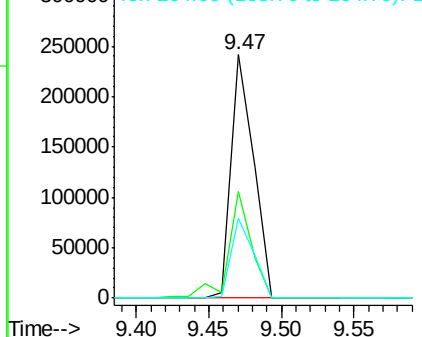
Lab File: BF092526.D

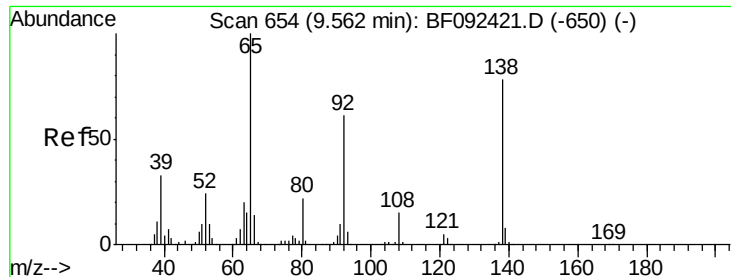
Acq: 26 Jan 2017 15:27

Tgt Ion:	162	Resp:	260104
Ion Ratio	Lower	Upper	
162	100		
127	43.7	30.7	46.1
164	32.8	27.6	41.4



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





#47

2-Nitroaniline

Concen: 21.81 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

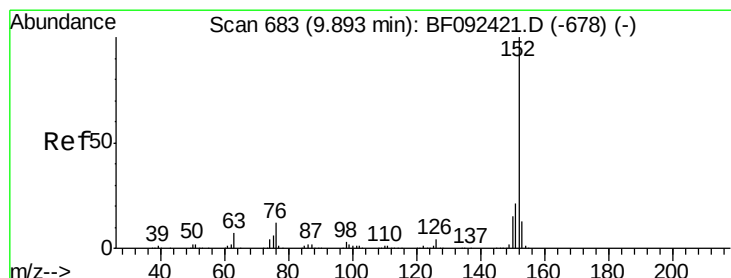
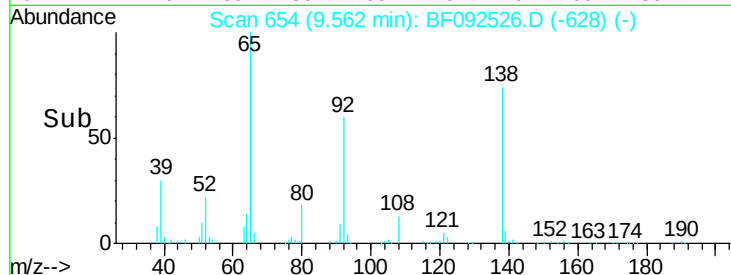
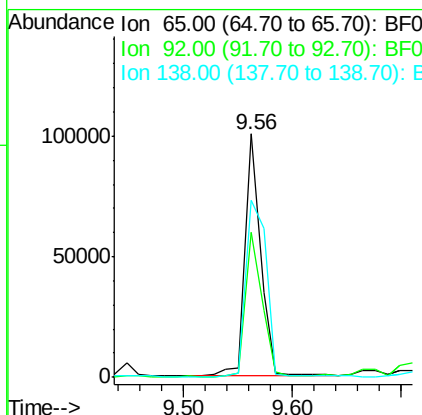
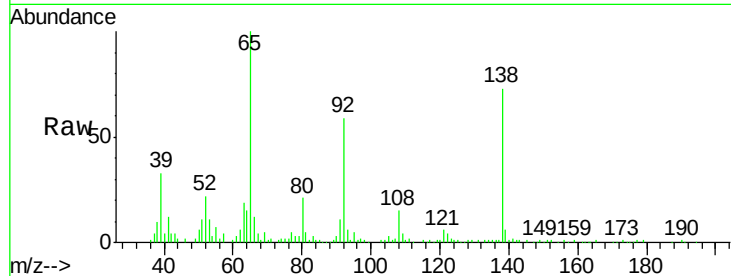
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	65	Resp:	98893
Ion Ratio	Lower	Upper	
65	100		
92	59.5	53.9	80.9
138	72.7	76.8	115.2#

Manual Integrations
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#48

Acenaphthylene

Concen: 22.22 ng

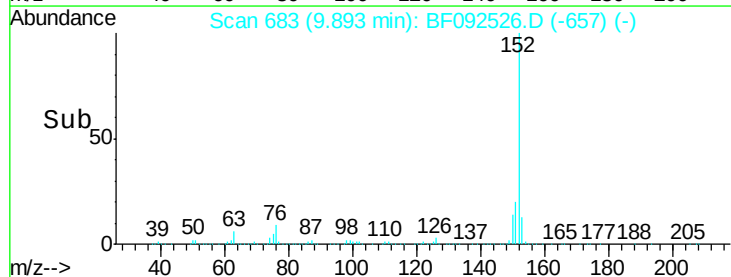
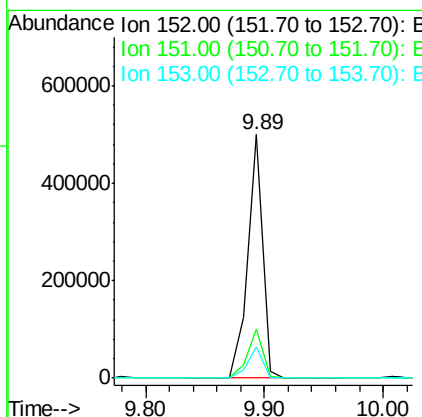
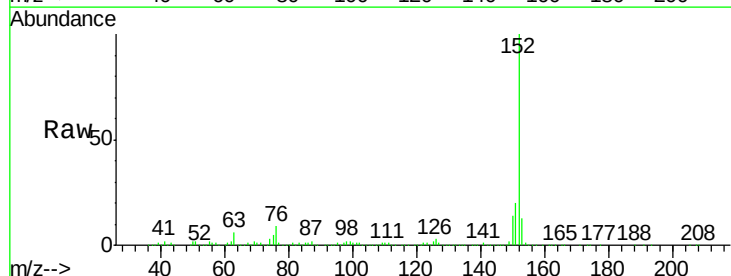
RT: 9.89 min Scan# 683

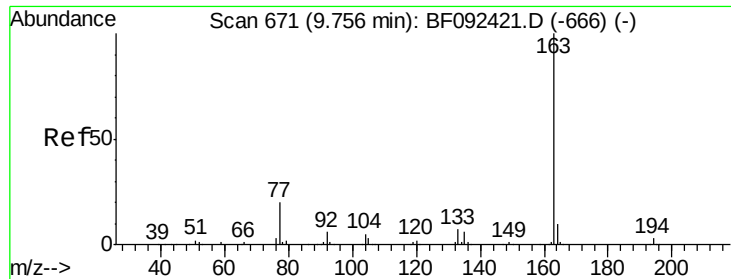
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	152	Resp:	438852
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.9	25.3
153	13.0	11.4	17.2





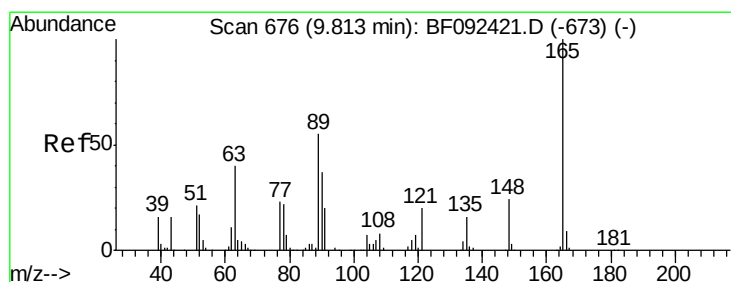
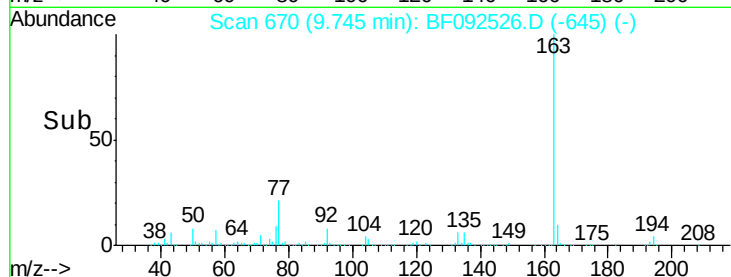
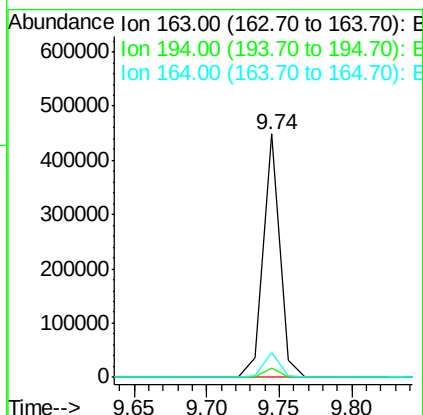
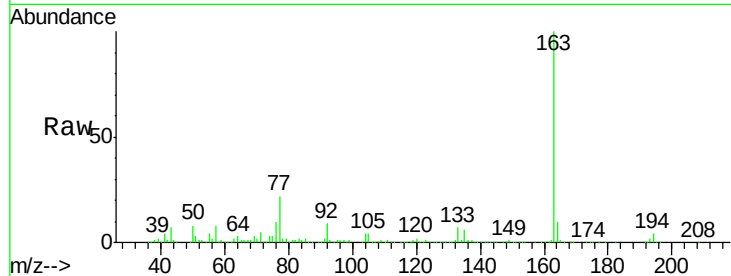
#49
Dimethylphthalate
Concen: 24.41 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	354053		
194	3.7		3.0	4.4
164	10.2		8.0	12.0

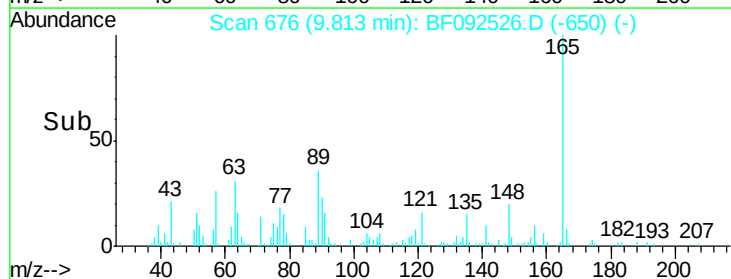
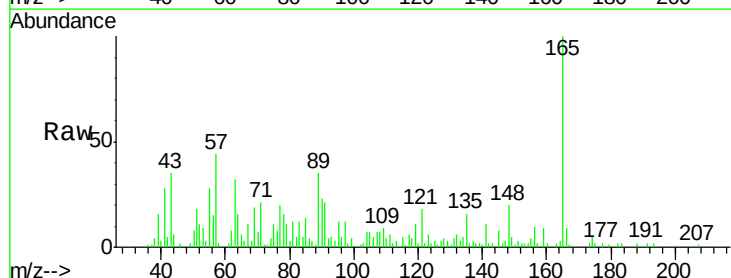
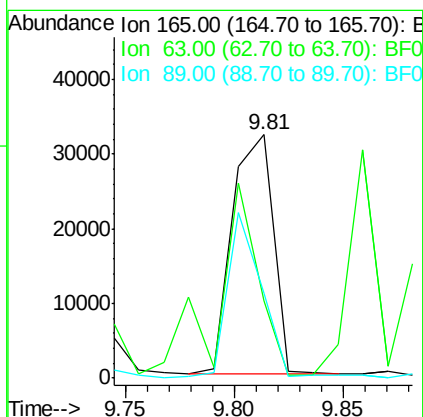
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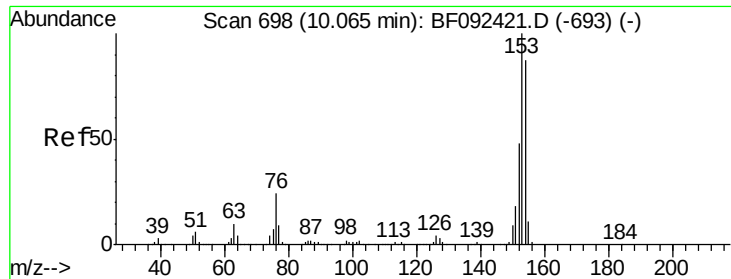
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#50
2,6-Dinitrotoluene
Concen: 14.14 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	41913		
63	31.6		36.2	54.4#
89	34.8		40.2	60.4#





#51

Acenaphthene

Concen: 21.17 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

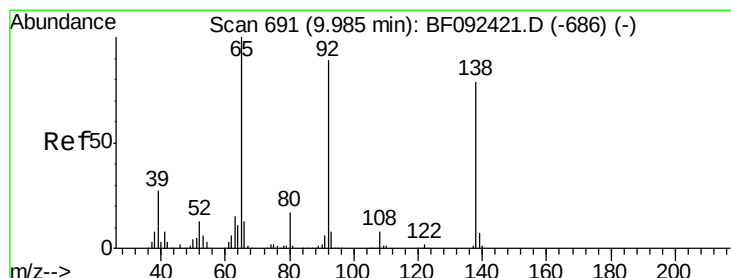
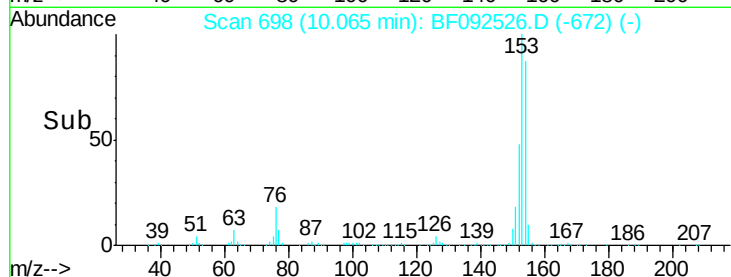
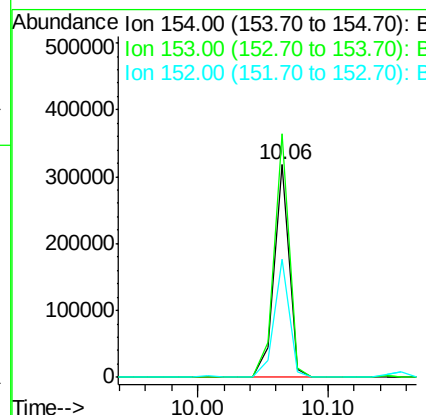
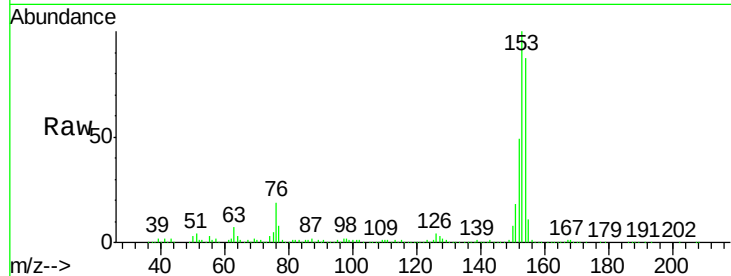
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	154	Resp:	259780
Ion Ratio	Lower	Upper	
154	100		
153	114.7	88.6	133.0
152	55.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.56 ng

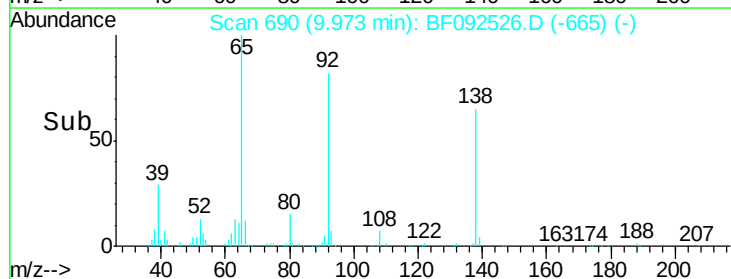
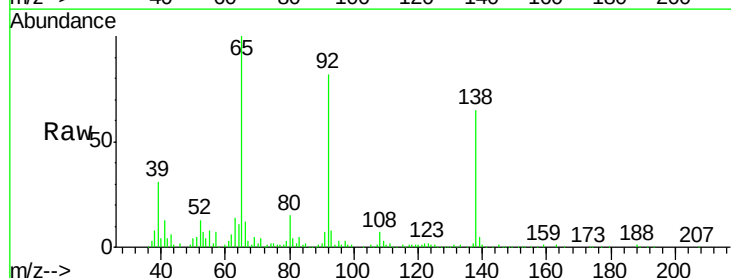
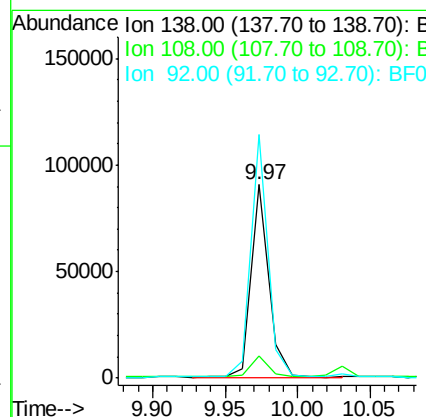
RT: 9.97 min Scan# 690

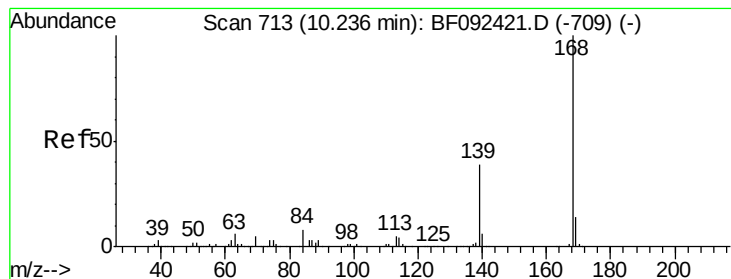
Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	138	Resp:	76337
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.5	12.7
92	126.0	97.8	146.8





#54

Dibenzenofuran

Concen: 23.35 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

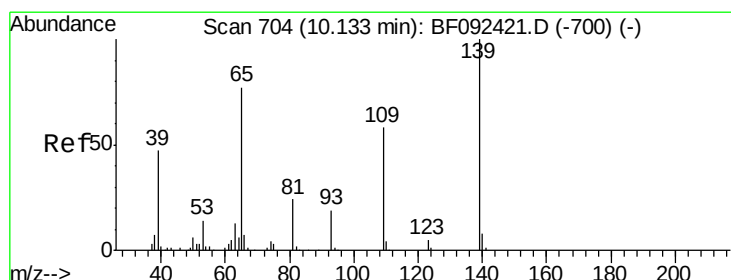
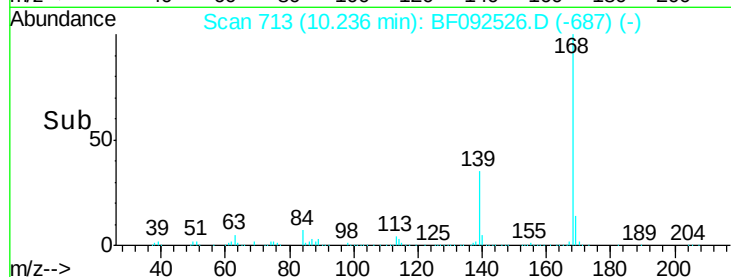
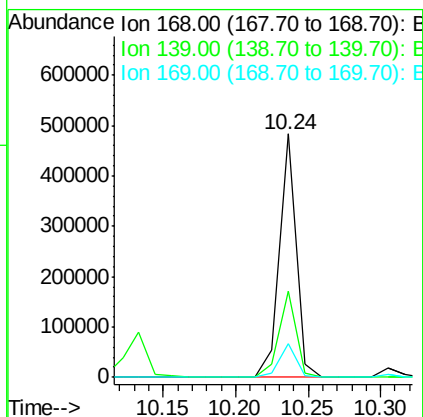
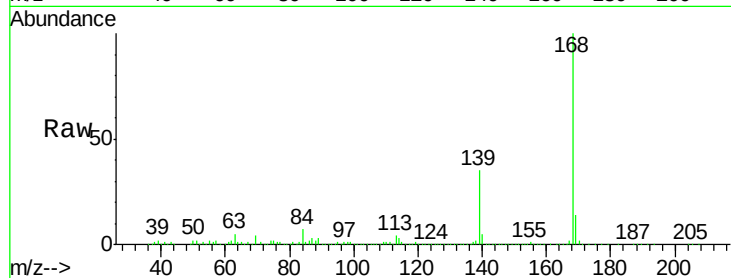
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	168	Resp:	389156
Ion Ratio	Lower	Upper	
168	100		
139	35.3	32.6	49.0
169	13.6	11.3	16.9

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#55

4-Nitrophenol

Concen: 32.10 ng

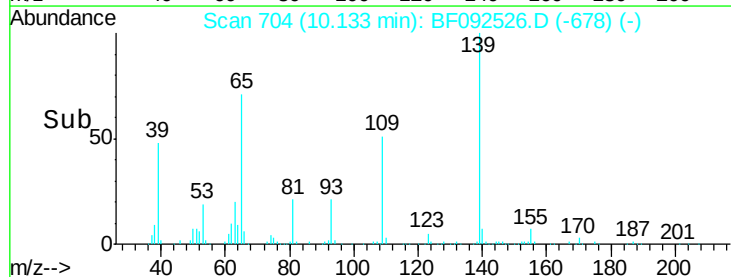
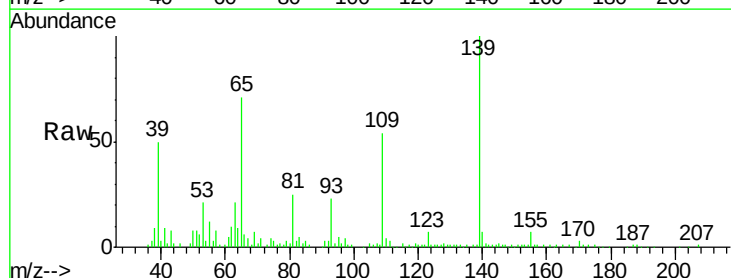
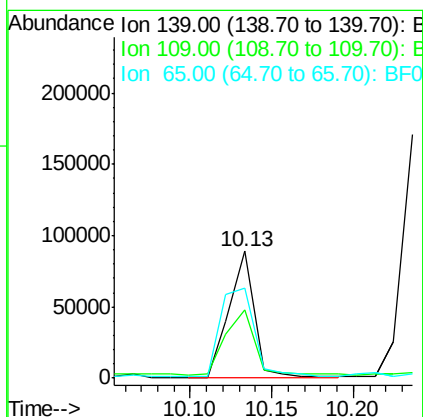
RT: 10.13 min Scan# 704

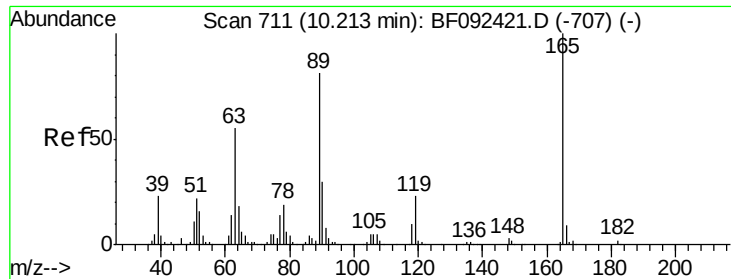
Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	139	Resp:	94638
Ion Ratio	Lower	Upper	
139	100		
109	53.9	52.2	92.2
65	71.3	85.8	125.8#





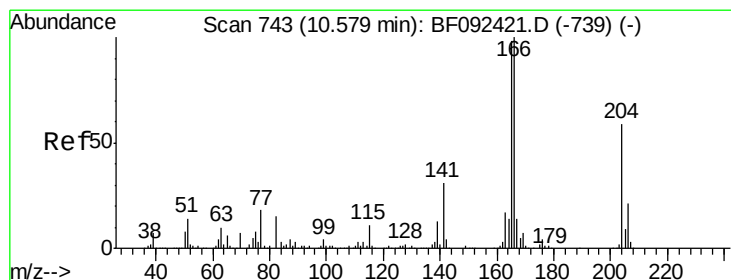
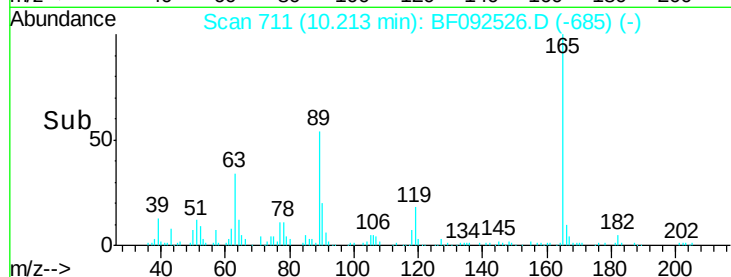
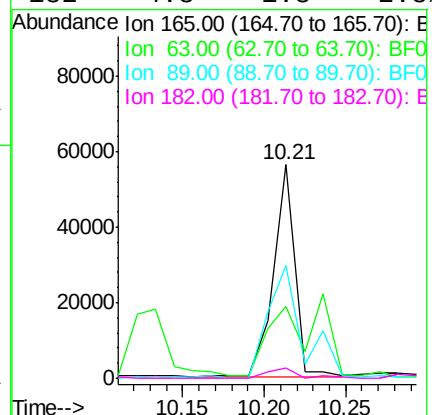
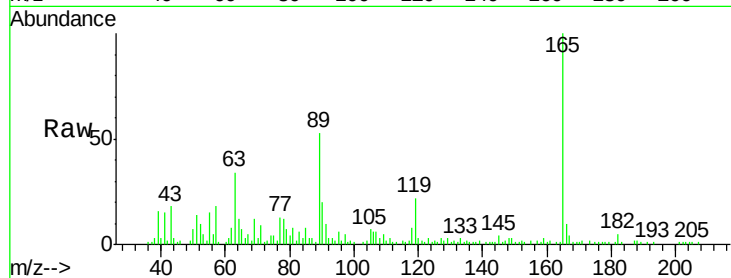
#56
2,4-Dinitrotoluene
Concen: 13.04 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.8	40.2	60.4#
89	52.9	62.5	93.7#
182	4.8	1.8	2.8#

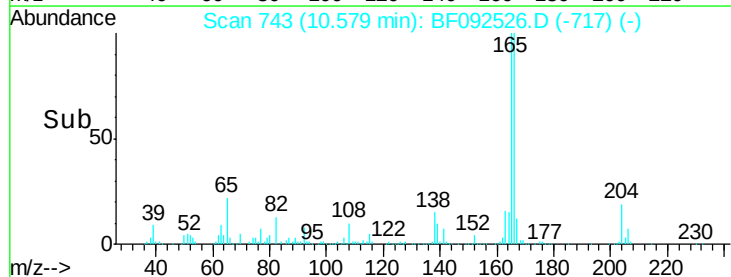
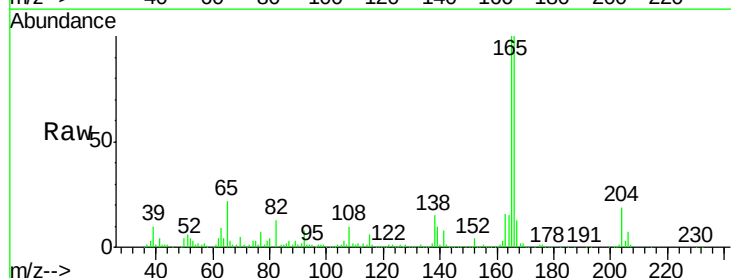
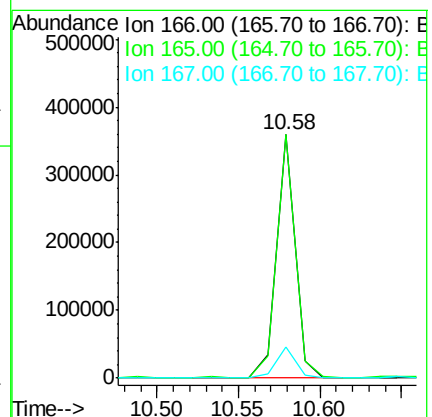
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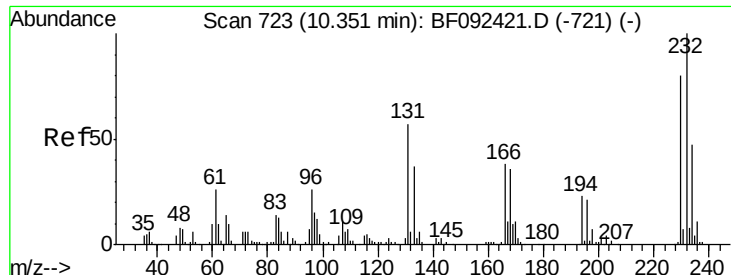
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#57
Fluorene
Concen: 23.22 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	12.8	10.8	16.2





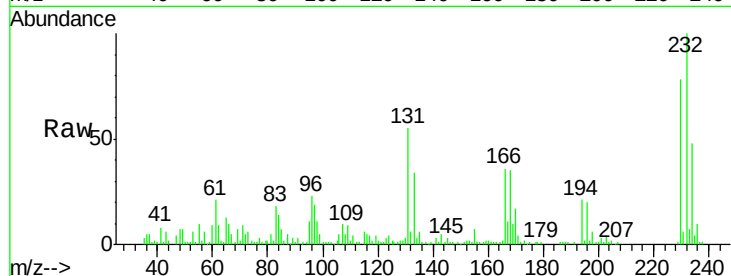
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.89 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		69164		
131	50.4	40.1	60.1		
130	2.2	1.8	2.8		
166	34.3	26.6	39.8		

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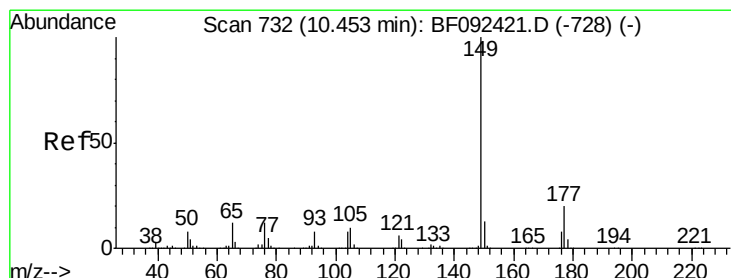
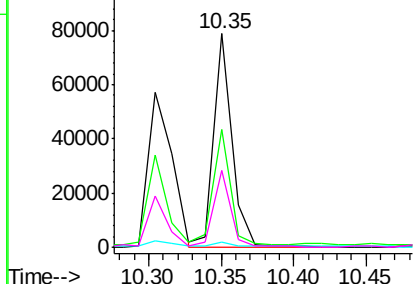
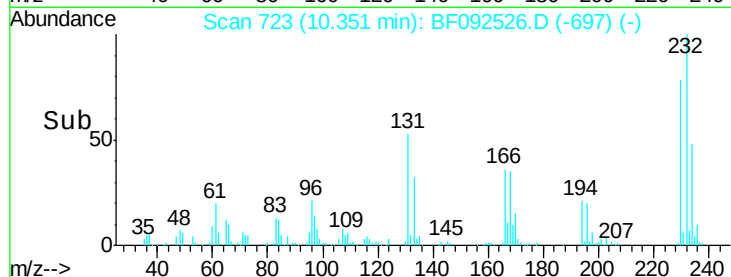


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

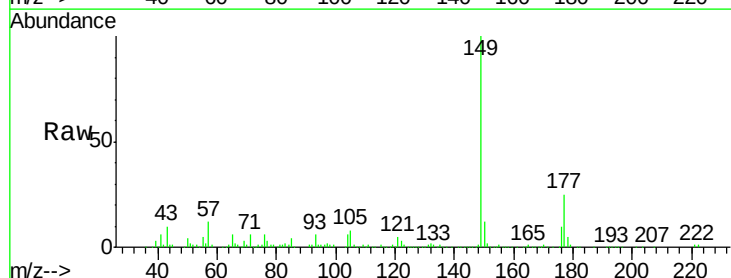
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 21.26 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

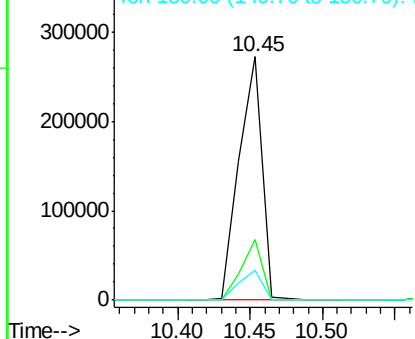
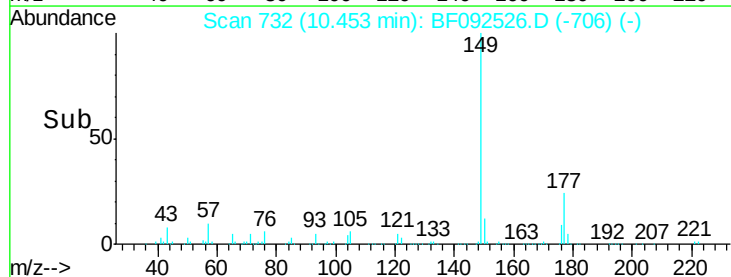
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		295700		
177	24.6	16.6	25.0		
150	12.4	10.4	15.6		

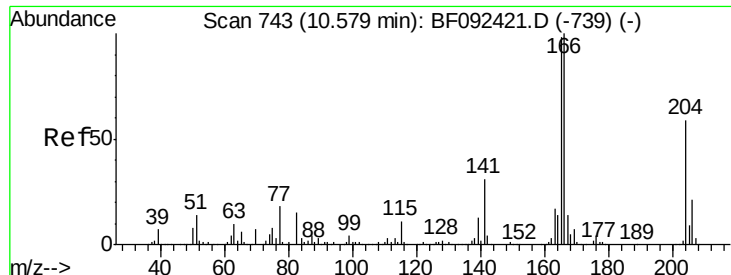


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 20.92 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

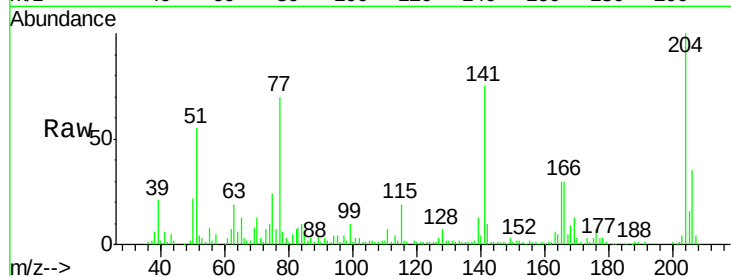
ClientSampleId :

CAS-SB-01-0-2MSD

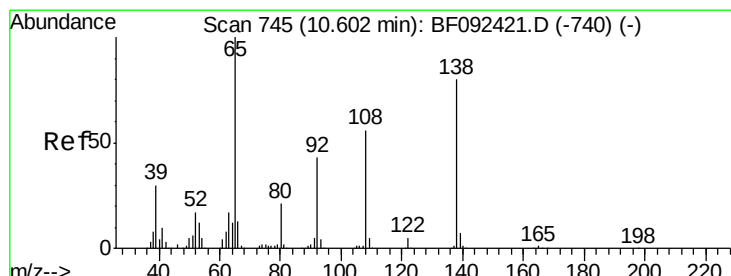
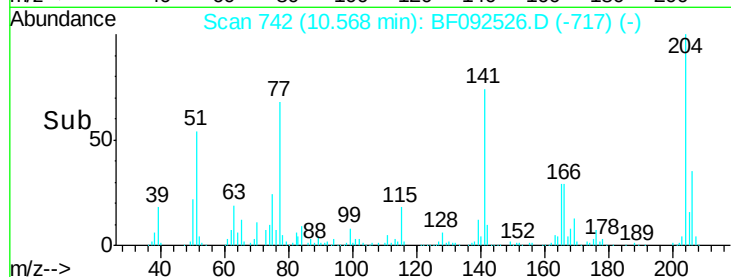
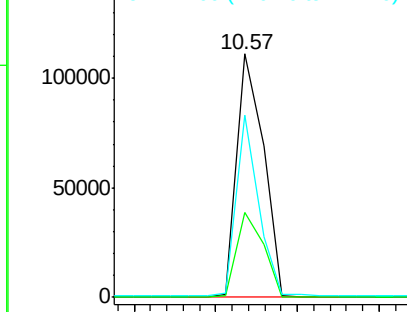
Tot Ion:	204	Resp:	125372
Ion Ratio	Lower	Upper	
204	100		
206	35.1	25.8	38.6
141	74.6	59.4	89.0

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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: 22.70 ng

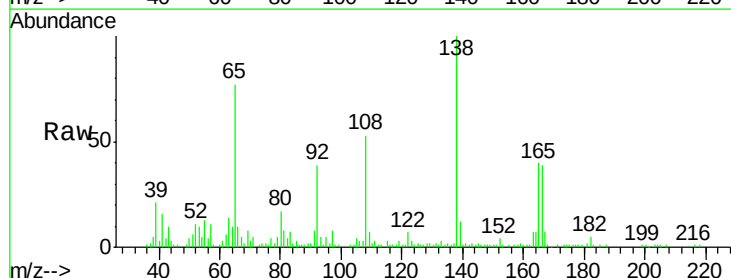
RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

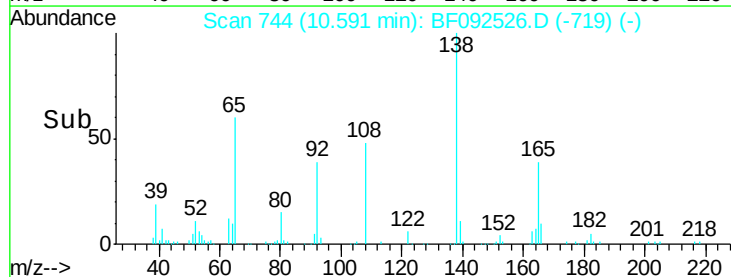
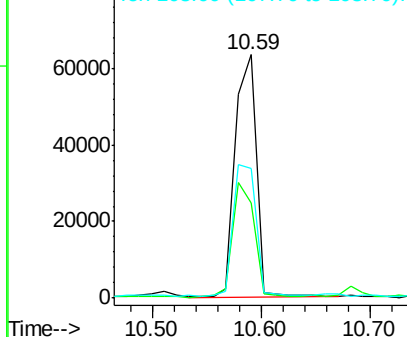
Lab File: BF092526.D

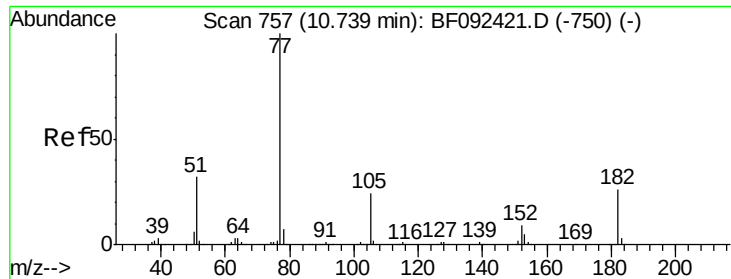
Acq: 26 Jan 2017 15:27

Tgt Ion:	138	Resp:	84302
Ion Ratio	Lower	Upper	
138	100		
92	39.3	31.7	71.7
108	53.4	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: 18.30 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

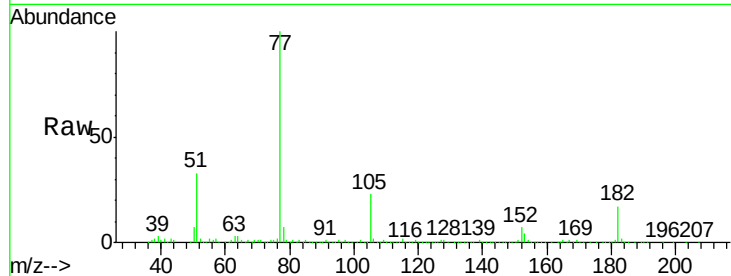
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		289571		
182	16.6	0.0	39.3		
105	22.5	2.3	42.3		
51	33.3	8.9	48.9		

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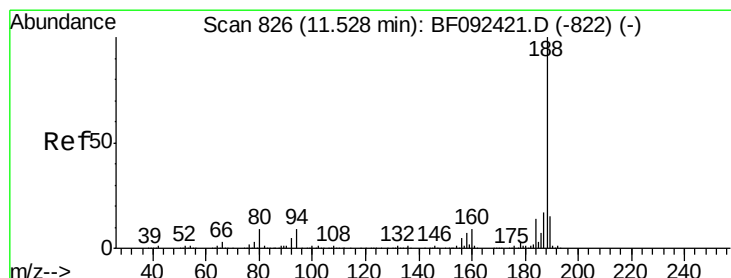
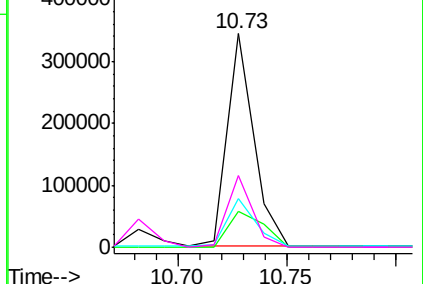
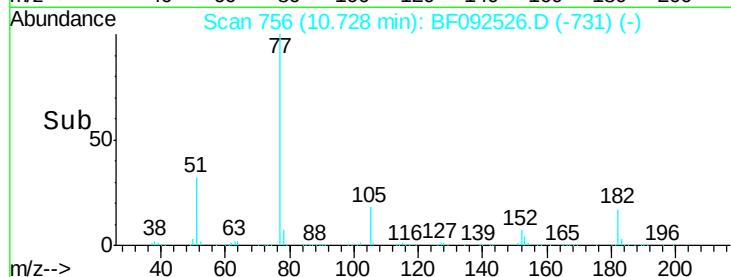


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

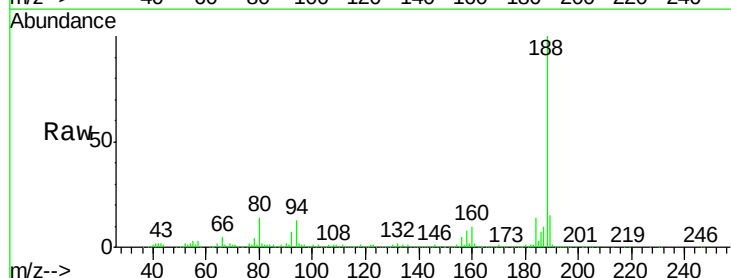
RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

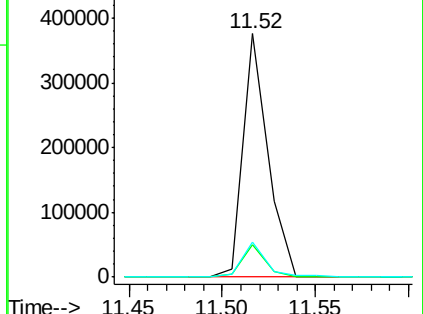
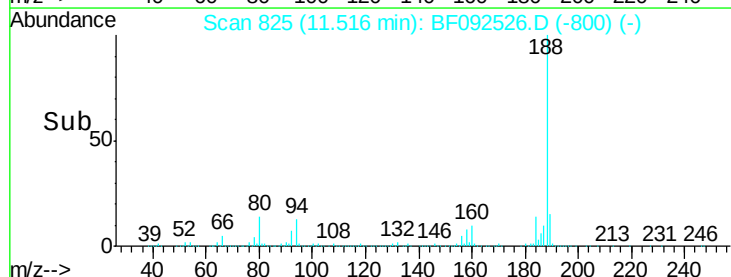
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		348712		
94	13.4	10.0	15.0		
80	14.3	11.2	16.8		

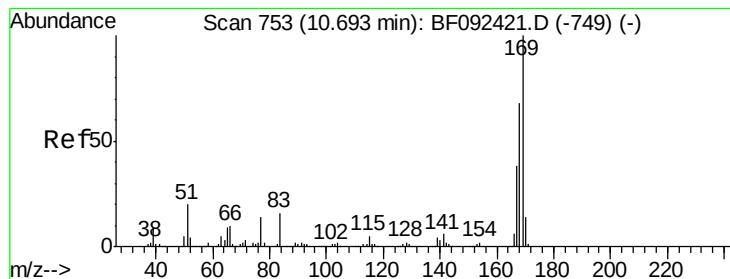


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





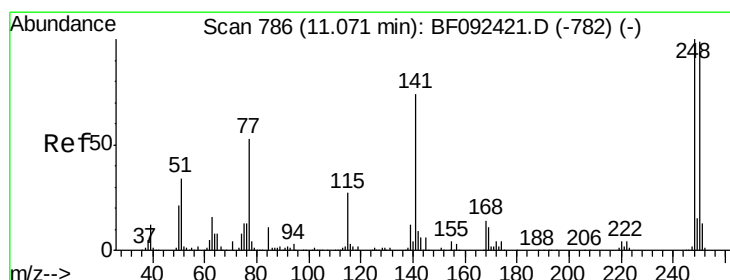
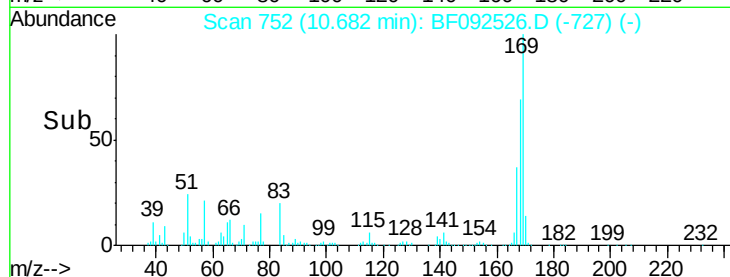
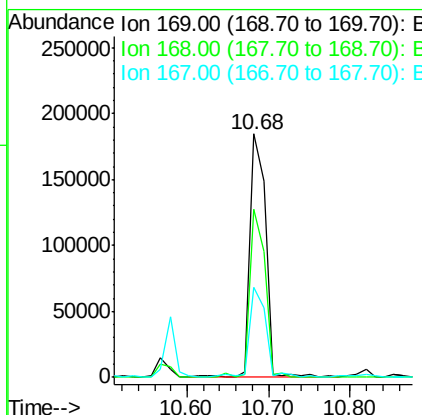
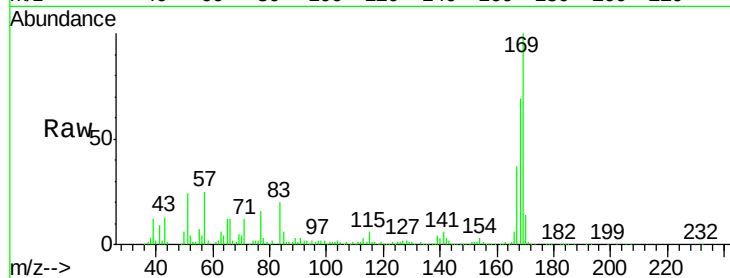
#65
 n-Nitrosodiphenylamine
 Concen: 22.23 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	54.2	81.2
167	37.0	30.2	45.4

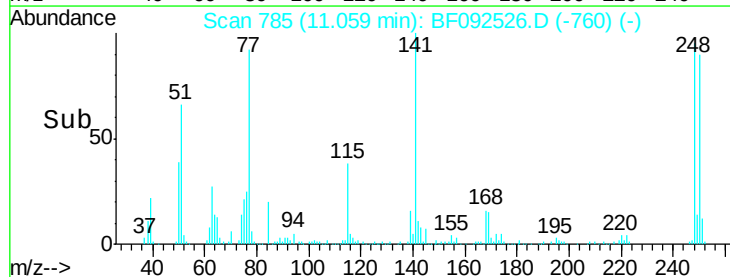
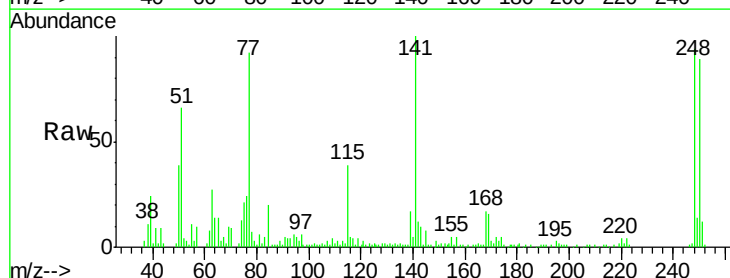
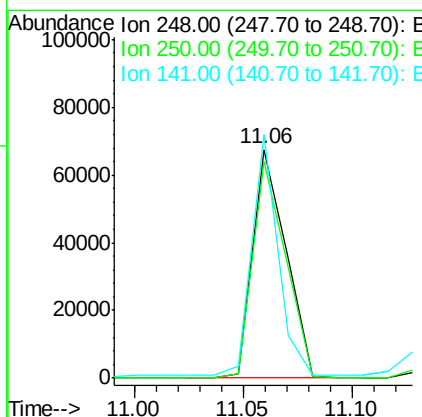
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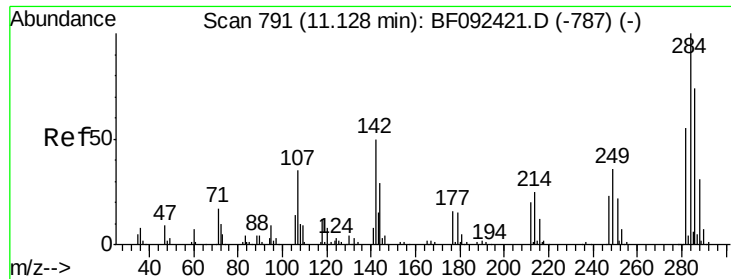
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#66
 4-Bromophenyl-phenylether
 Concen: 20.31 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.9	115.3
141	106.4	68.2	102.4





#67

Hexachlorobenzene

Concen: 20.29 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

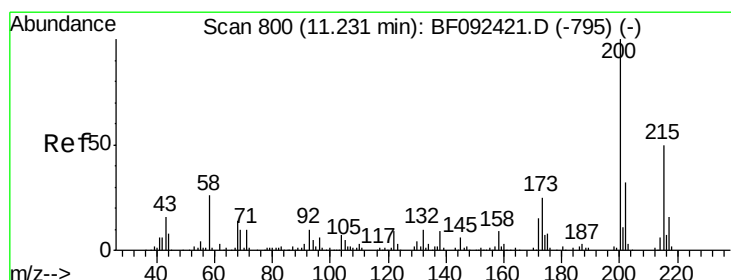
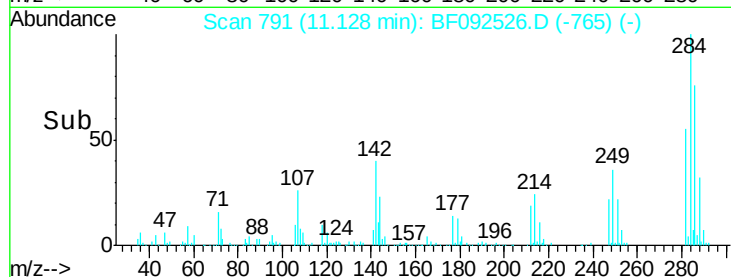
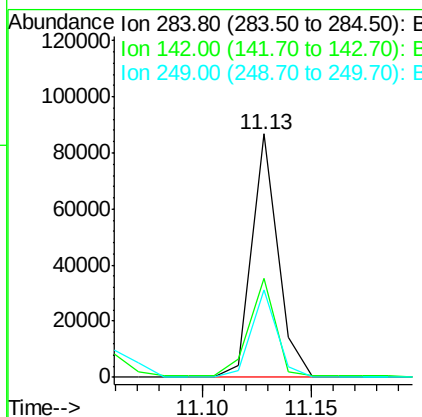
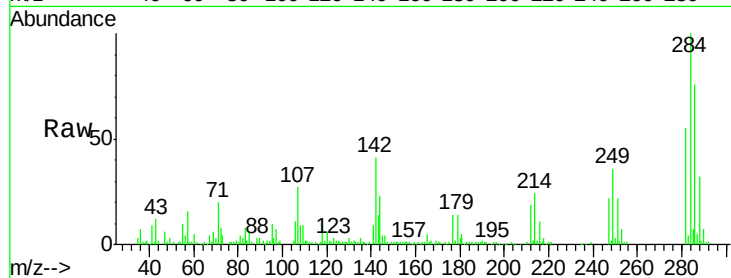
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.6	33.8#
249	36.1	25.4	38.0

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#68

Atrazine

Concen: 18.48 ng

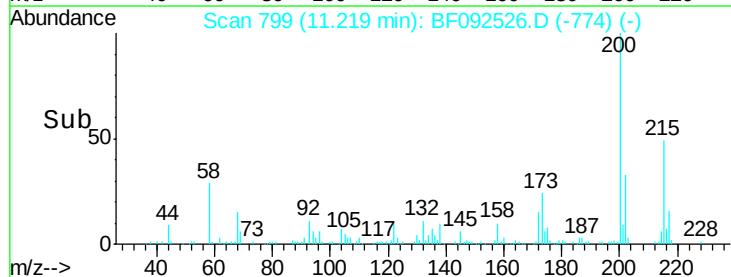
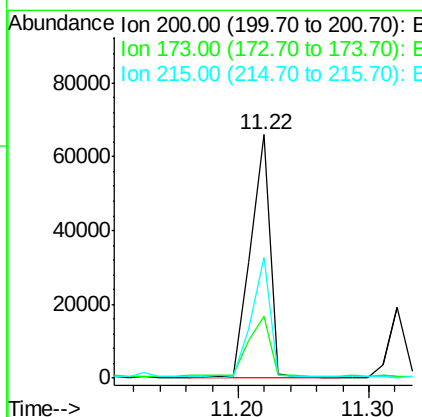
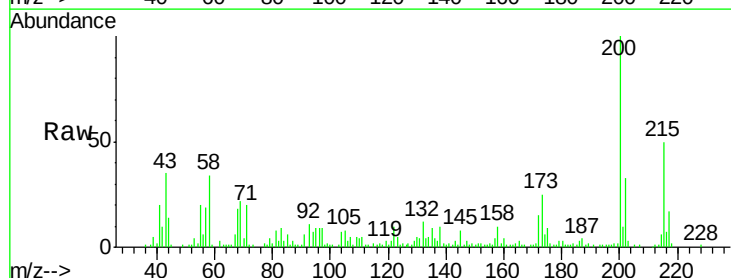
RT: 11.22 min Scan# 799

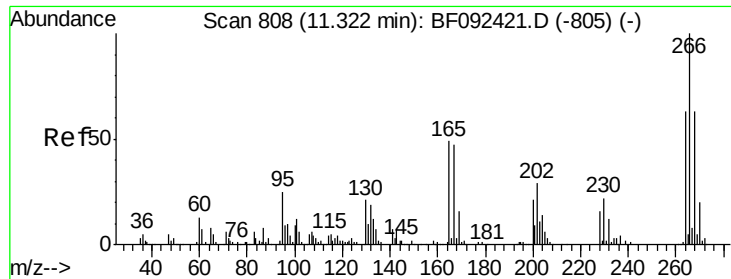
Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	9.6	49.6
215	49.7	25.7	65.7





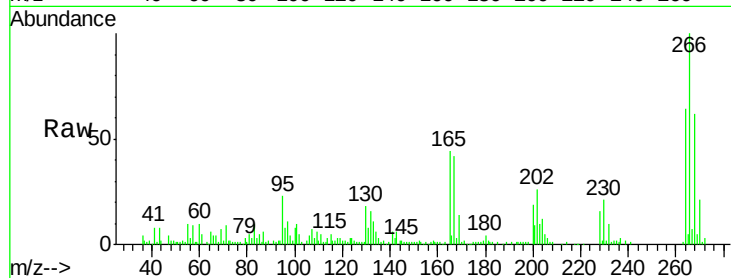
#69
 Pentachlorophenol
 Concen: 37.10 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

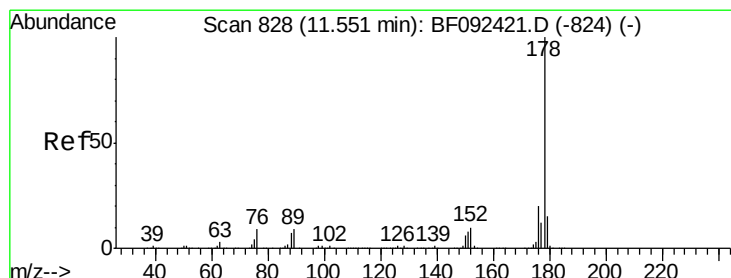
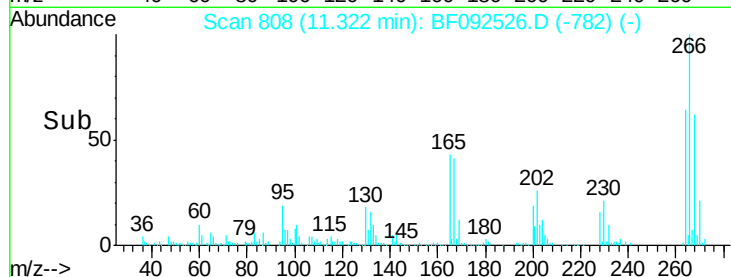
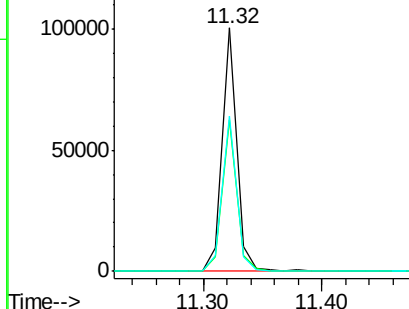
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	53.3	79.9
264	63.9	50.3	75.5

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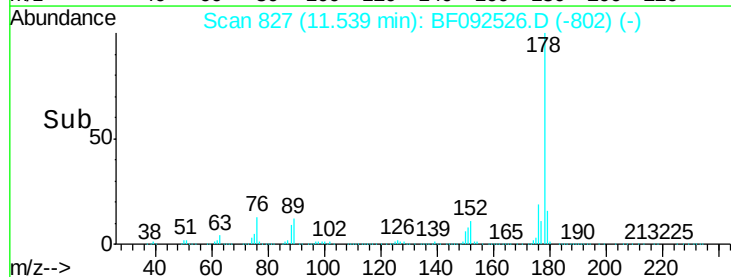
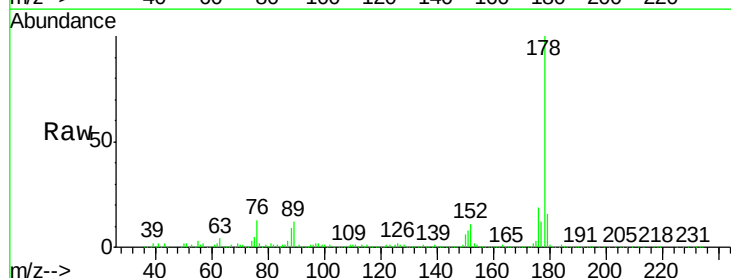
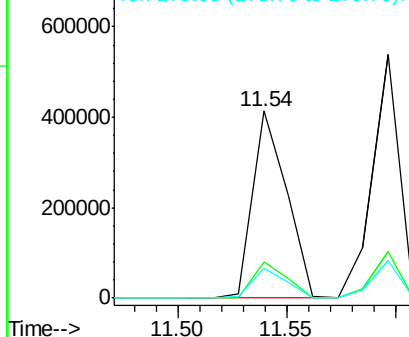
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

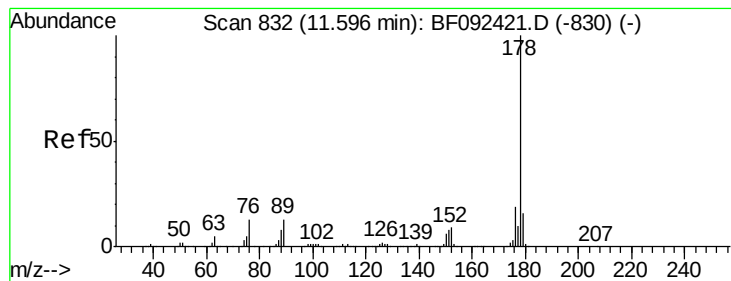


#70
 Phenanthrene
 Concen: 23.36 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	16.0	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





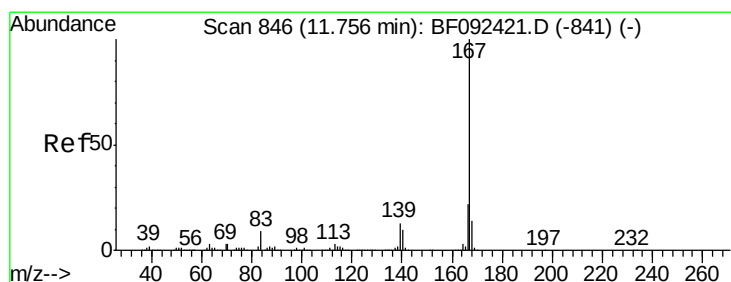
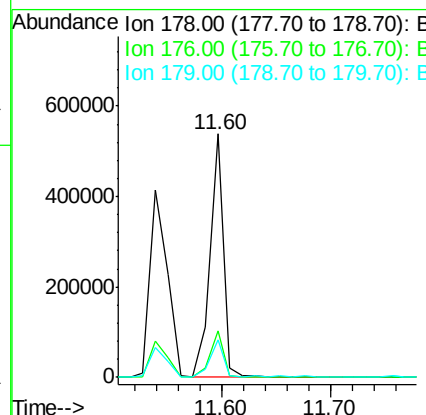
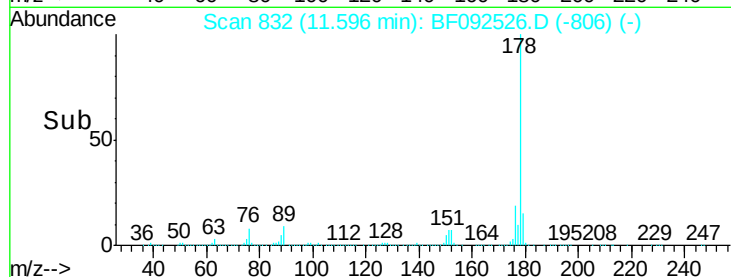
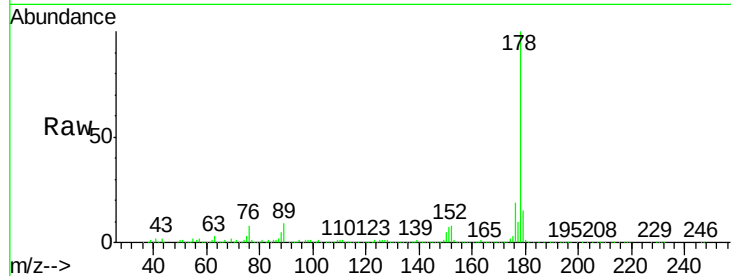
#71
 Anthracene
 Concen: 24.67 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.4	13.2	19.8

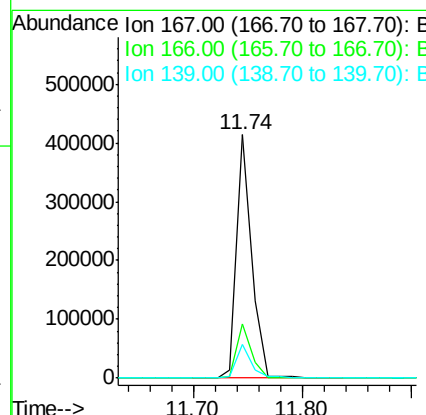
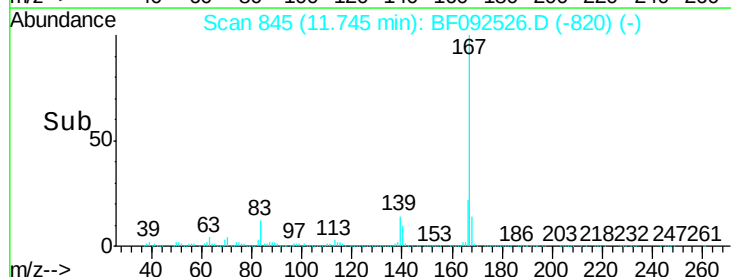
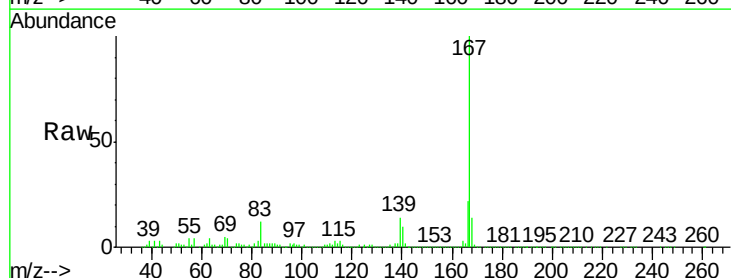
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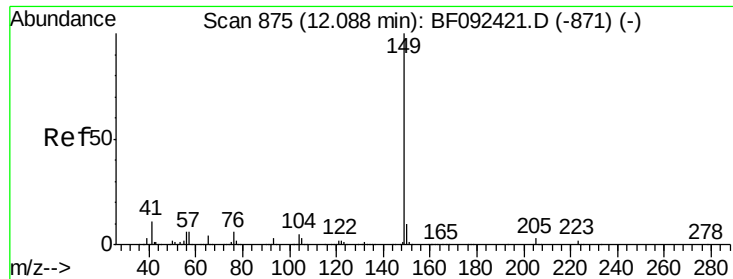
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#72
 Carbazole
 Concen: 21.66 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	14.0	11.4	17.2





#73

Di-n-butylphthalate

Concen: 22.78 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

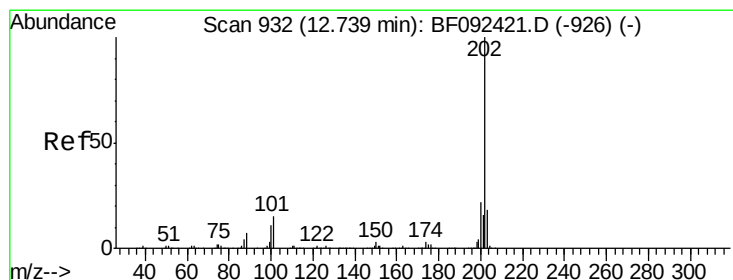
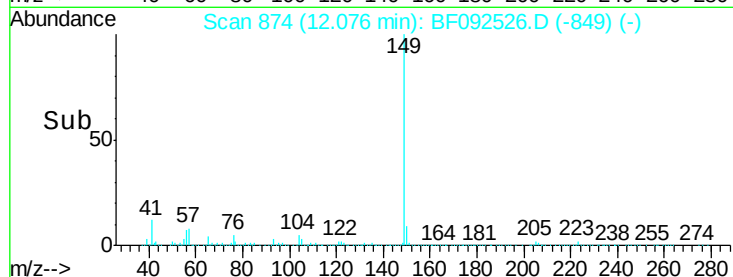
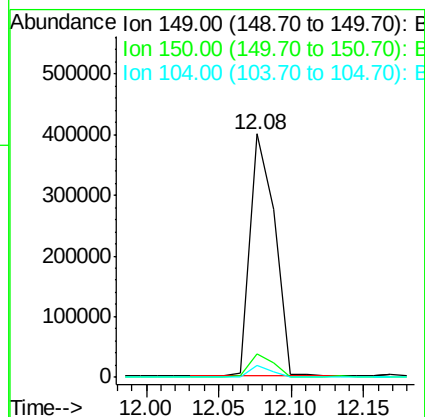
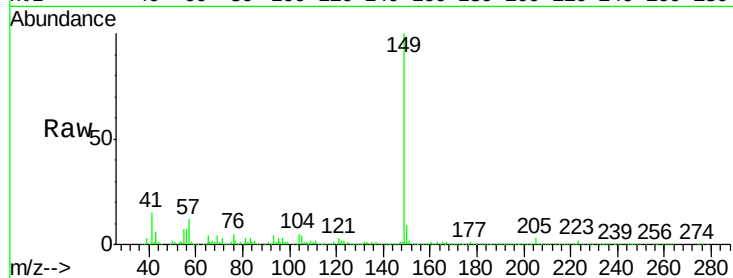
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	149	Resp:	466830
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	4.9	4.6	7.0

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#74

Fluoranthene

Concen: 28.25 ng

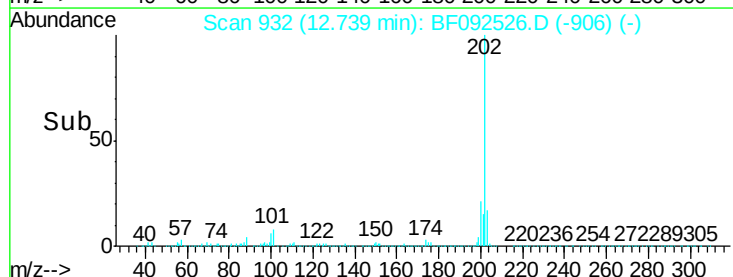
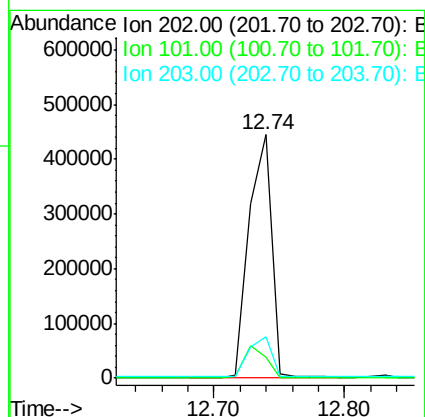
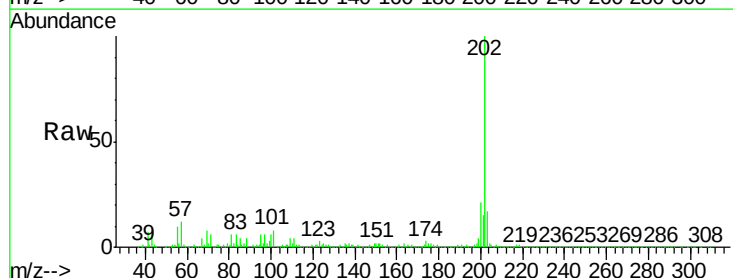
RT: 12.74 min Scan# 932

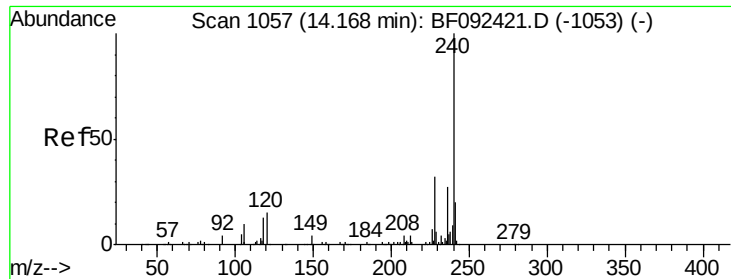
Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	202	Resp:	530713
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

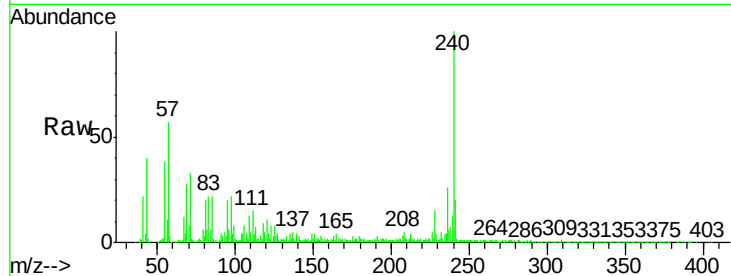
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	240	Resp:	260913
Ion Ratio	Lower	Upper	
240	100		
120	11.0	12.9	19.3#
236	26.0	20.9	31.3

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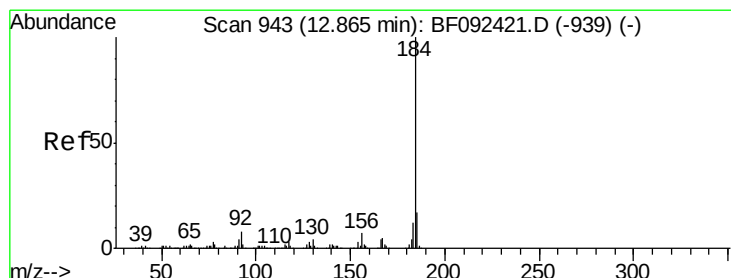
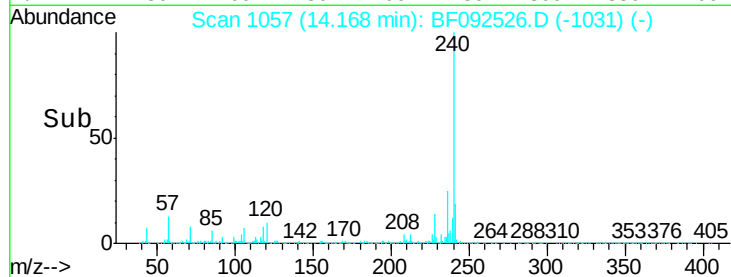
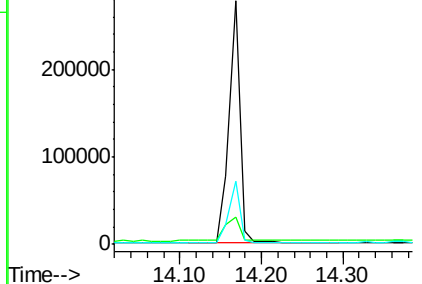
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.44 ng

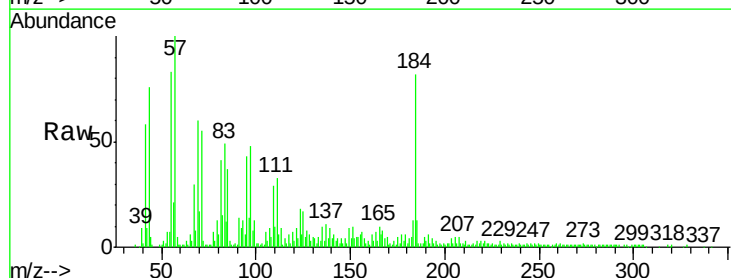
RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

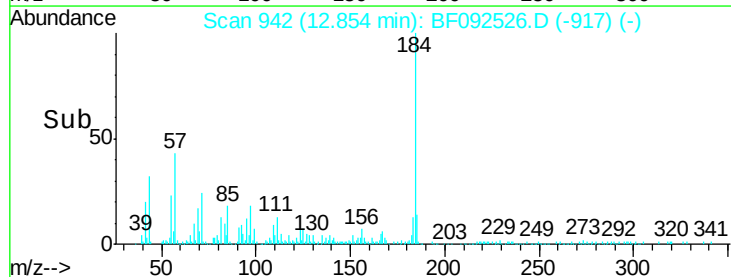
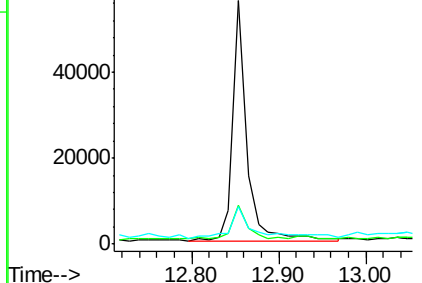
Tgt Ion:	184	Resp:	62383
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.4	20.0
183	15.4	9.2	13.8#

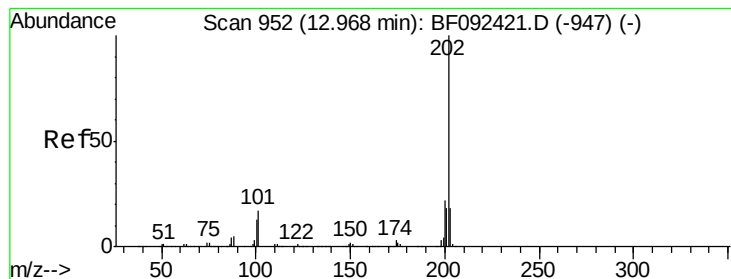


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.20 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

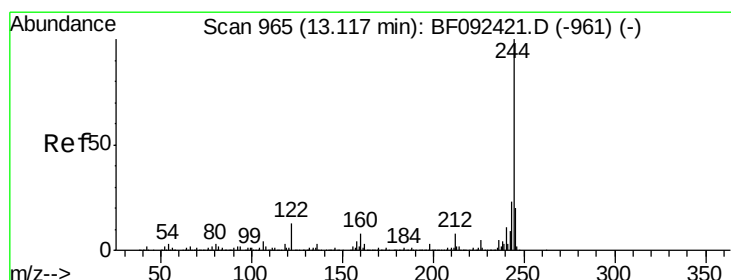
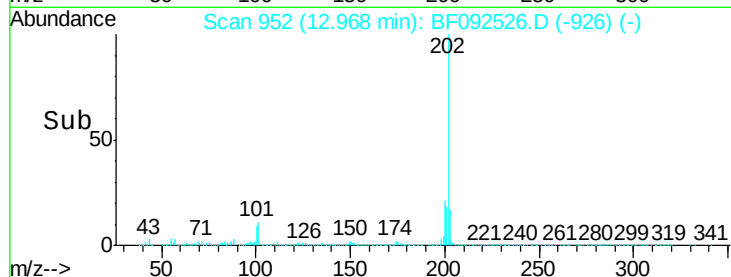
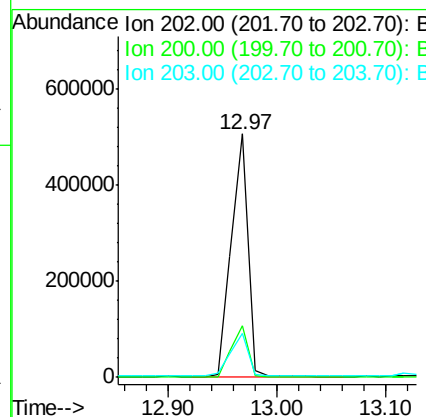
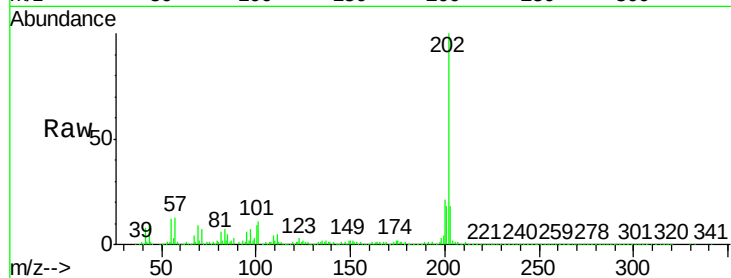
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.8	14.7	22.1

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#78

Terphenyl-d14

Concen: 48.23 ng

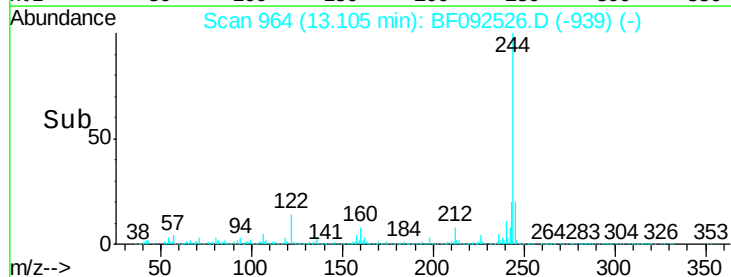
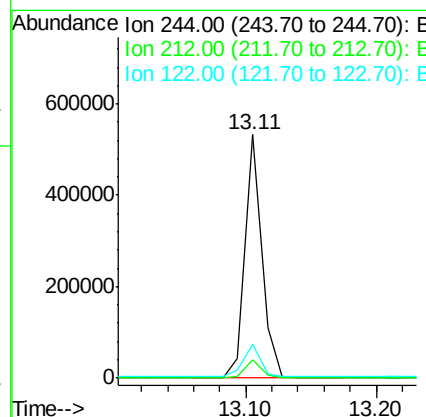
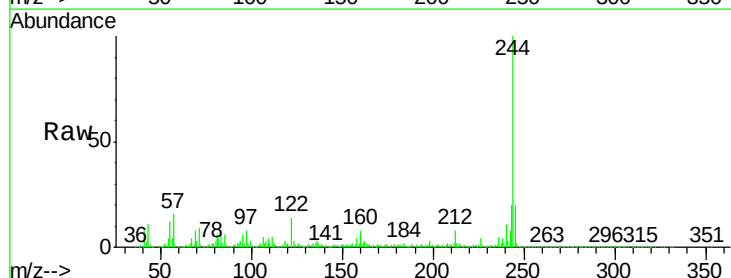
RT: 13.11 min Scan# 964

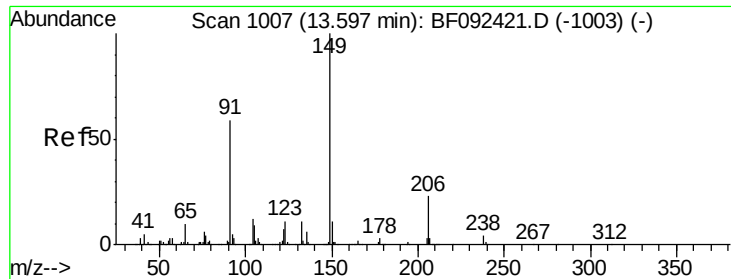
Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.1	11.4	17.2





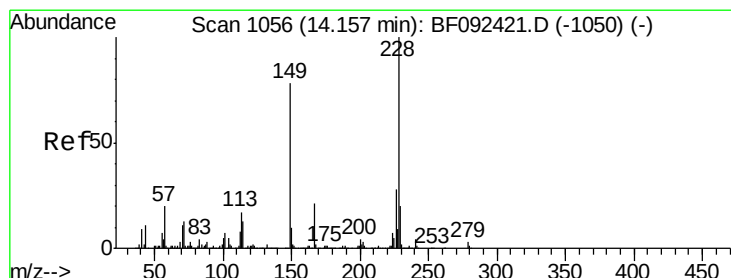
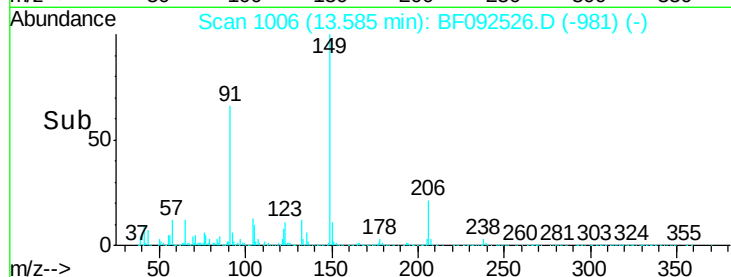
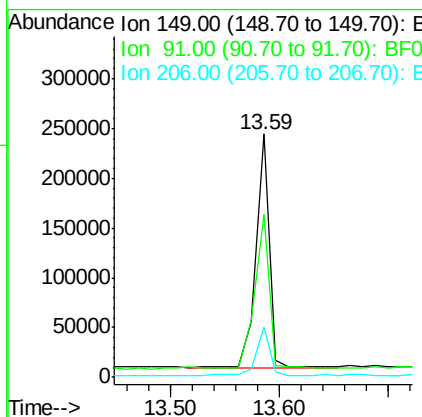
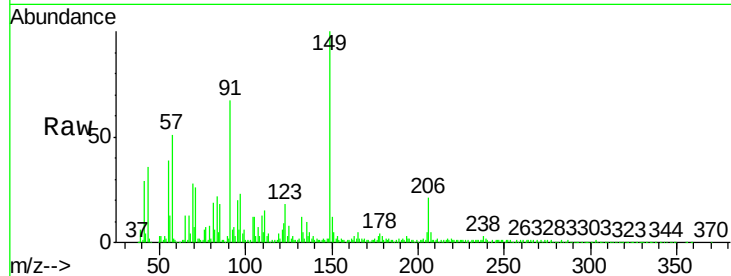
#79
Butylbenzylphthalate
Concen: 26.30 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	63.9	95.9
206	20.5	14.6	21.8

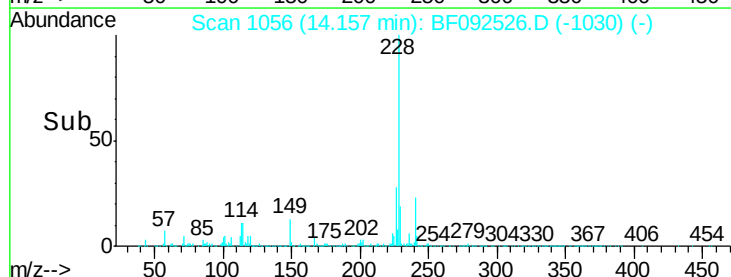
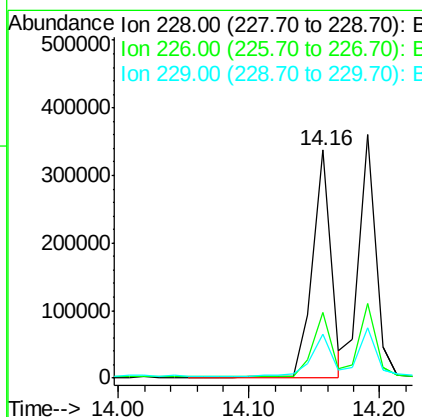
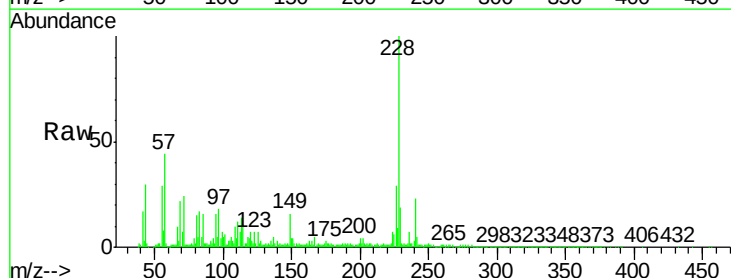
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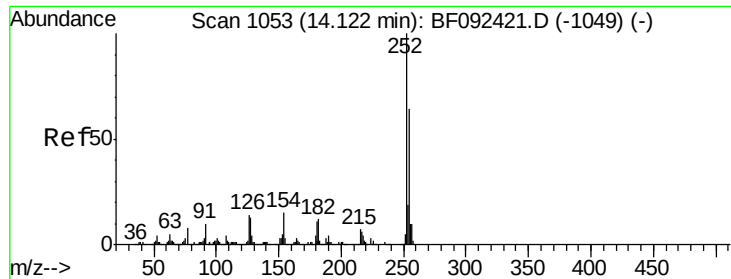
mohammad
1/27/2017 3:02:32 PM



#80
Benzo(a)anthracene
Concen: 23.07 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.4	33.6
229	19.4	16.2	24.4





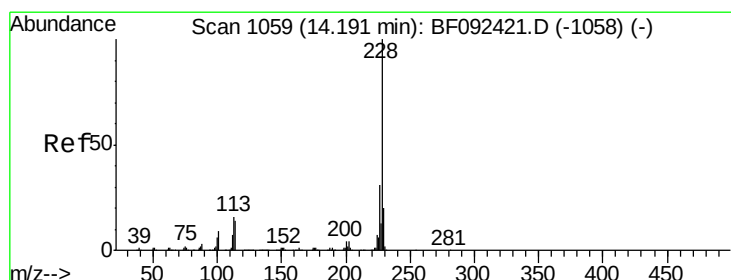
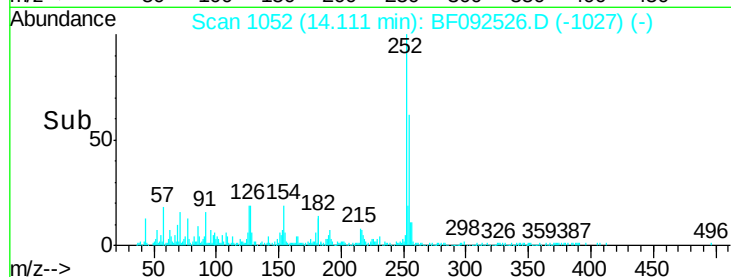
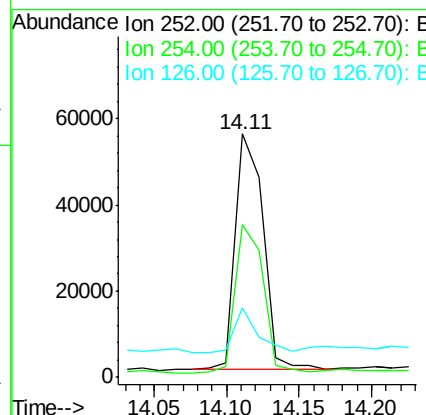
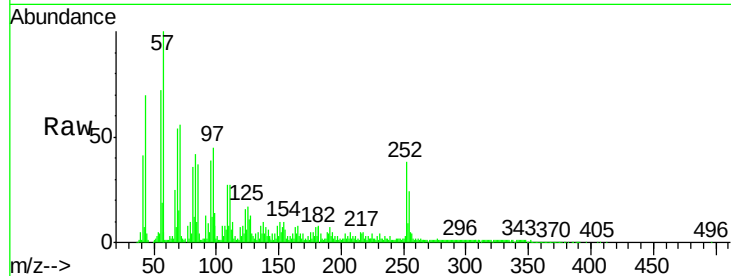
#81
 3,3'-Dichlorobenzidine
 Concen: 13.70 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.3	78.5
126	28.4	13.6	20.4

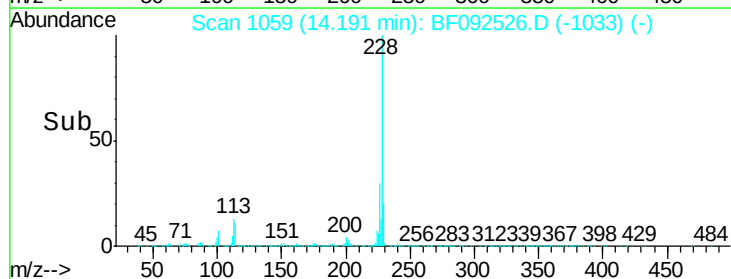
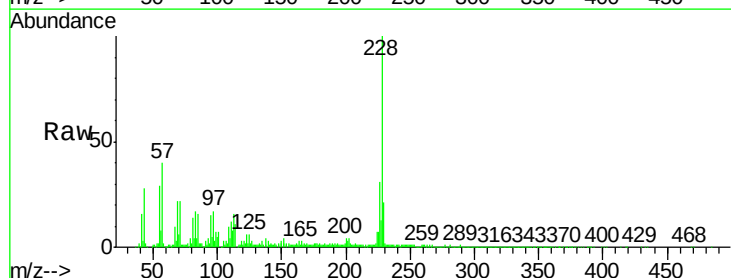
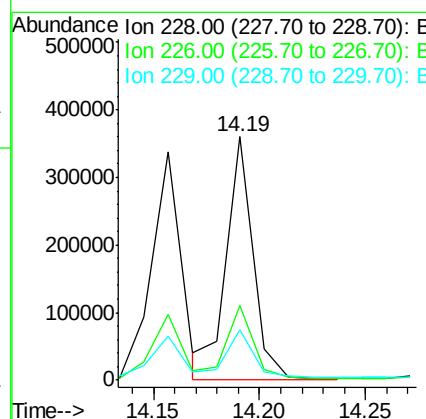
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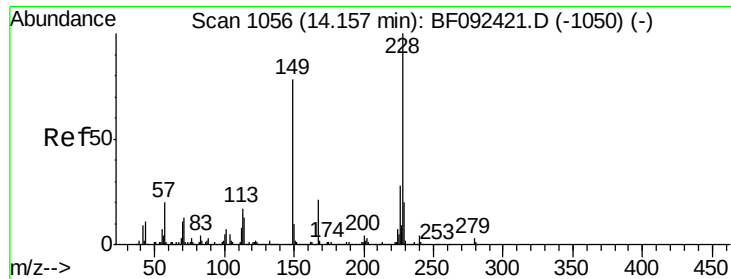
mohammad
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#82
 Chrysene
 Concen: 21.40 ng m
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.8	16.2	24.2





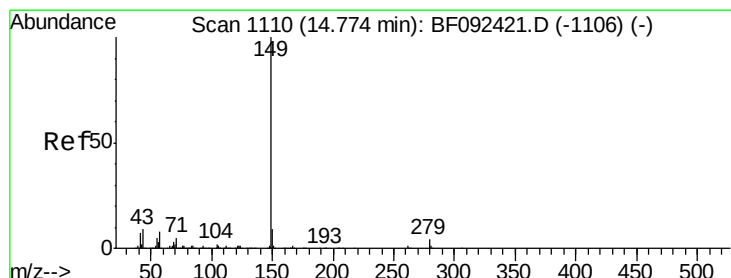
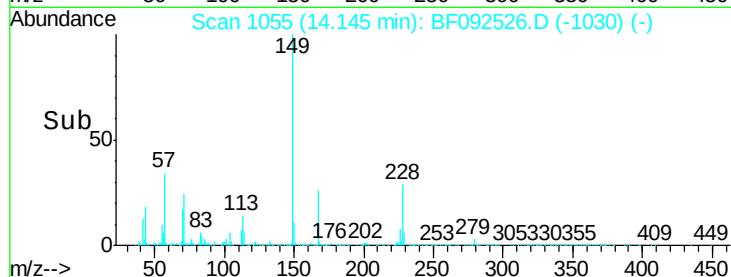
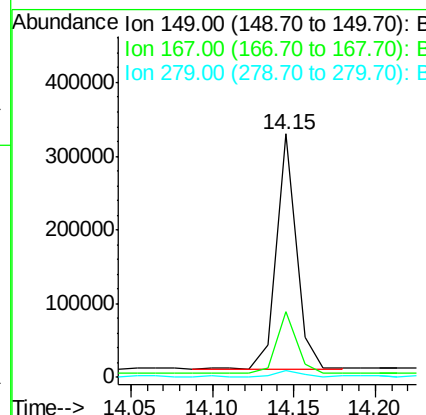
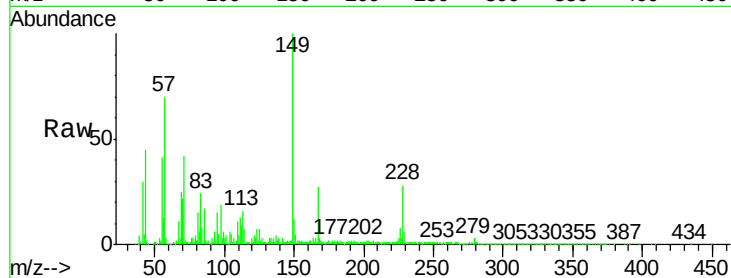
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.22 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.0	1.8	2.8#

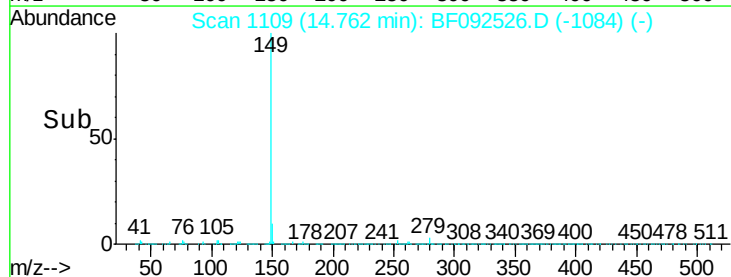
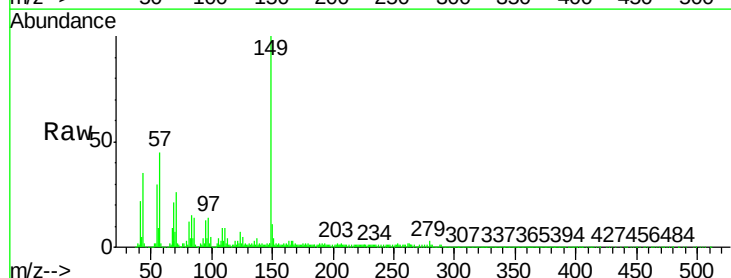
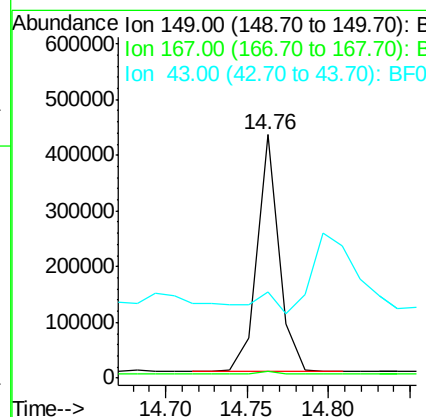
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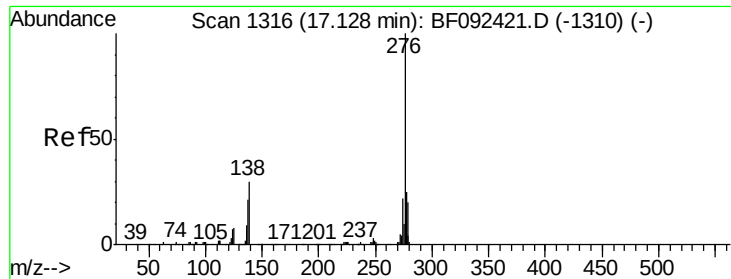
mohammad
 1/27/2017 3:02:32 PM



#84
 Di-n-octyl phthalate
 Concen: 22.57 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	0.0	8.9	13.3#





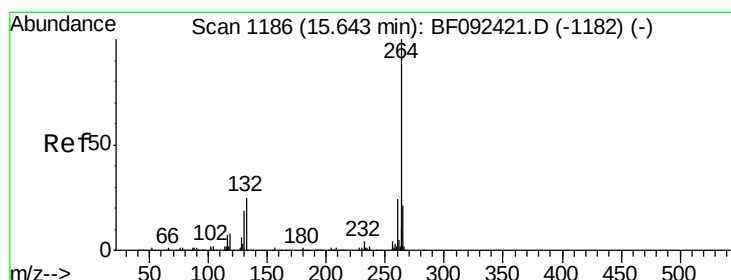
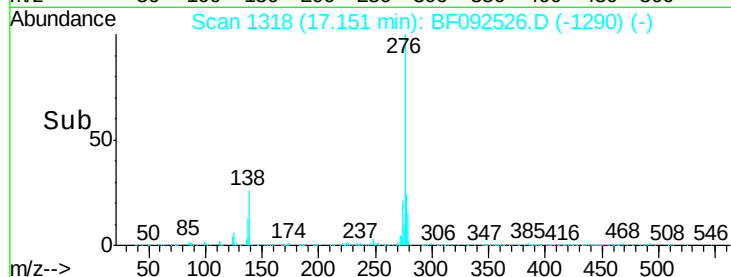
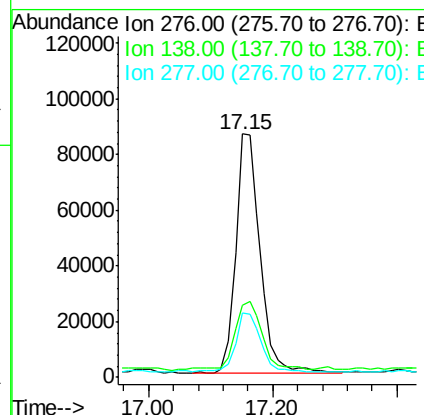
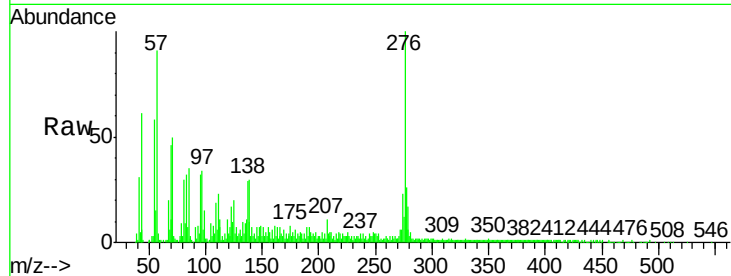
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.06 ng
RT: 17.15 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	21.8	32.6#
277	26.1	20.2	30.4

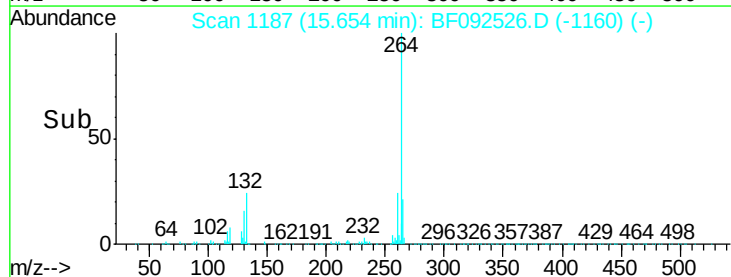
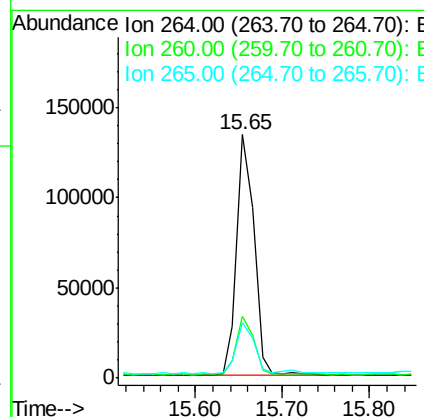
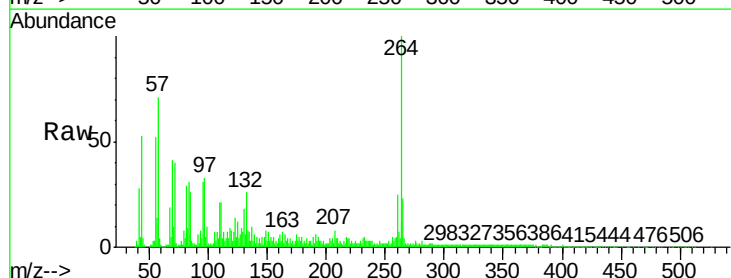
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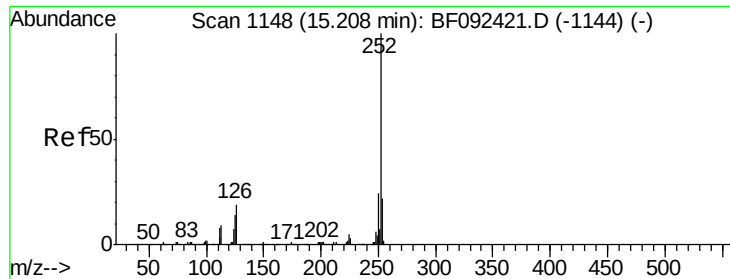
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 24.30 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

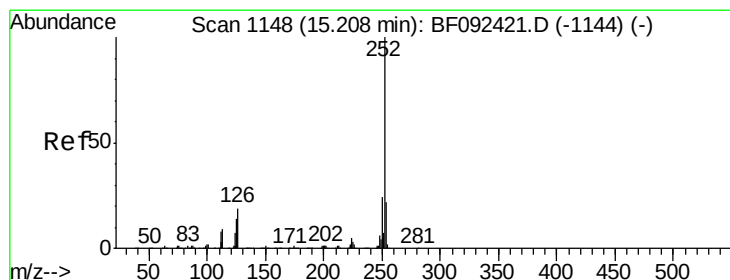
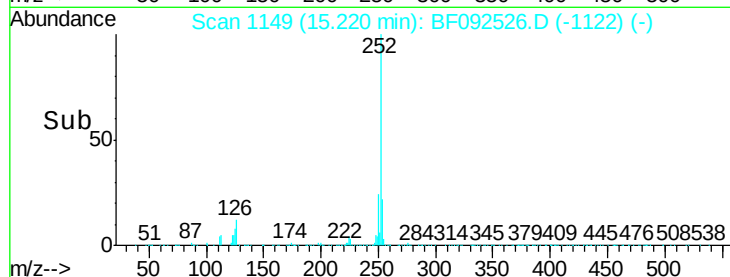
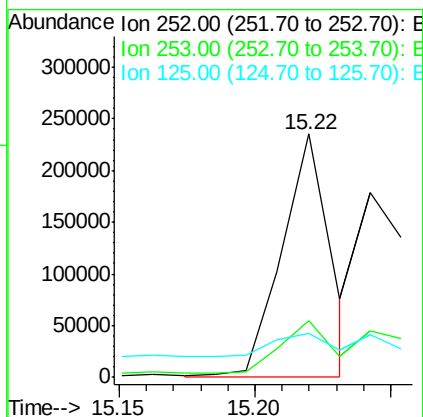
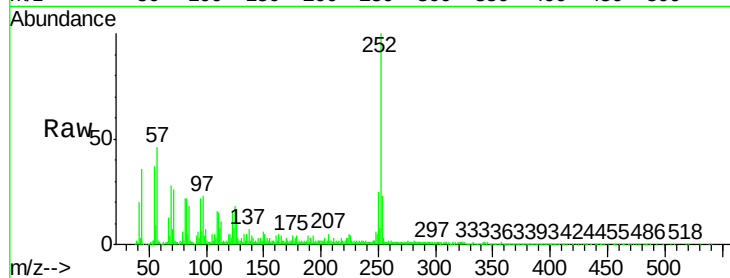
ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	252	Resp:	289227
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.4
125	18.2	9.8	14.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 23.44 ng m

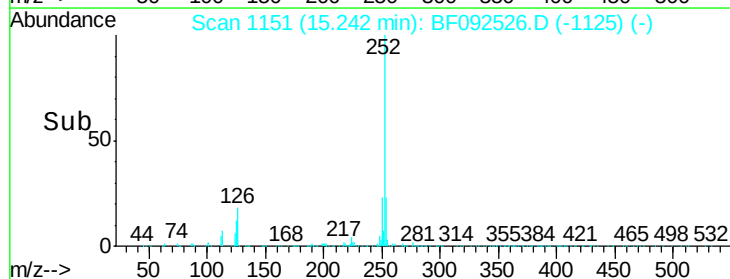
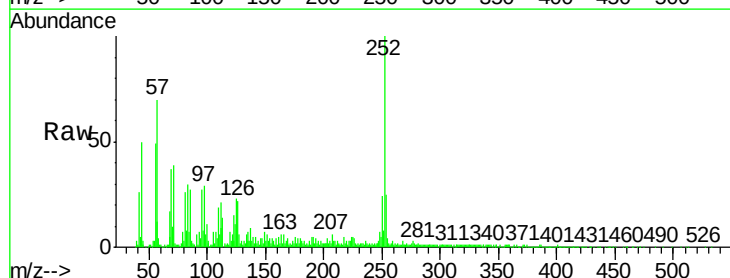
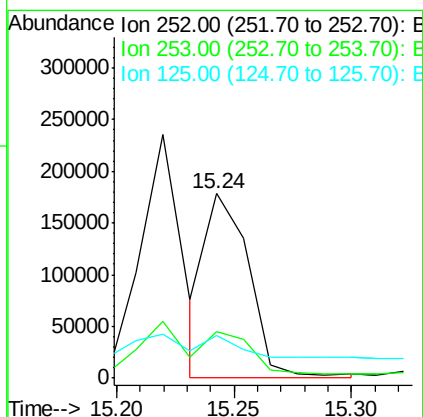
RT: 15.24 min Scan# 1151

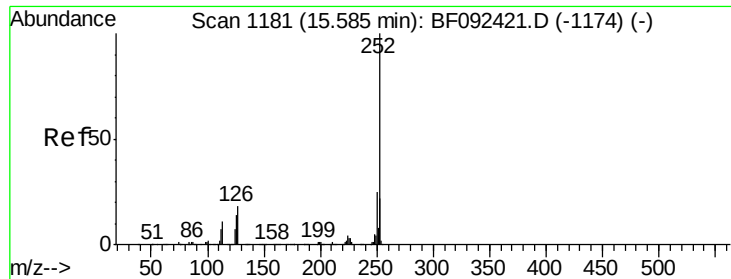
Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	252	Resp:	231959
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.5	27.7
125	23.5	8.9	13.3#





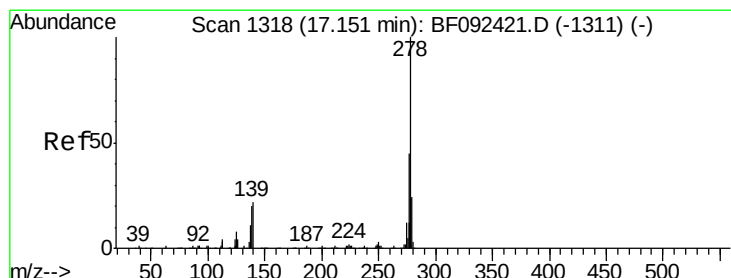
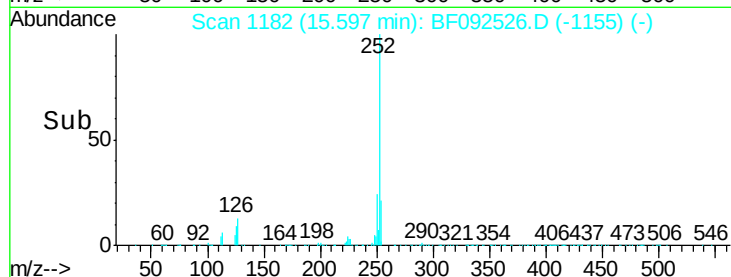
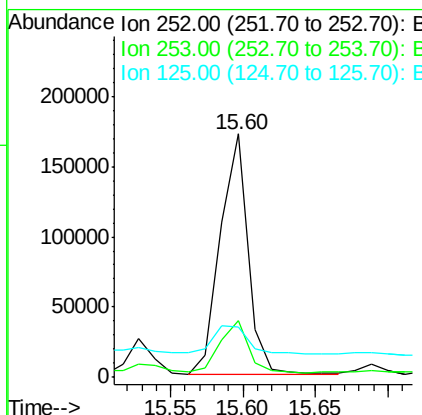
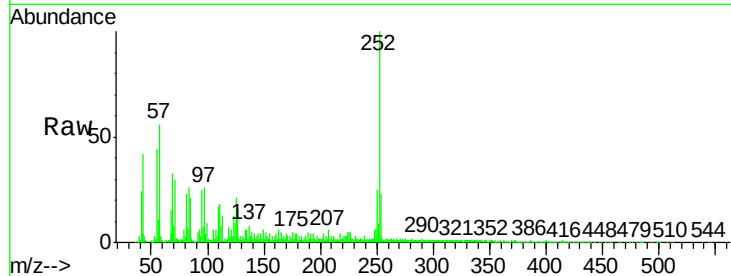
#89
Benzo(a)pyrene
Concen: 22.70 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	20.5	10.0	15.0

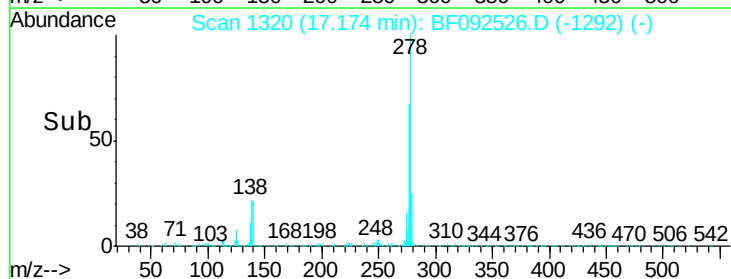
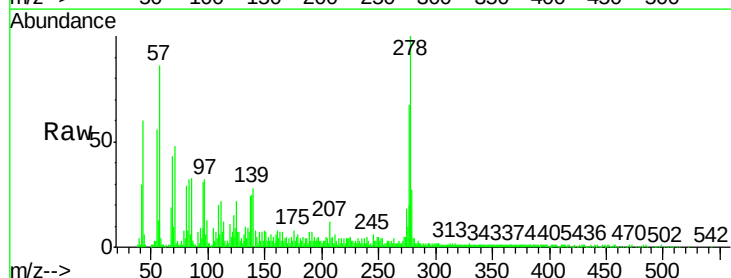
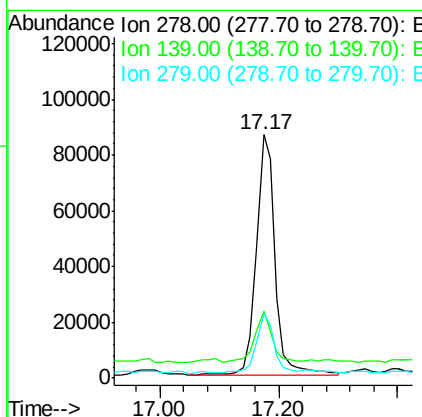
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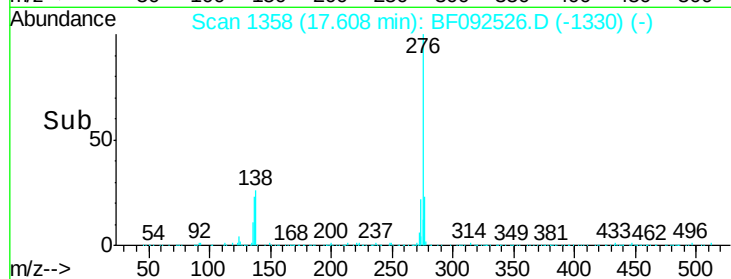
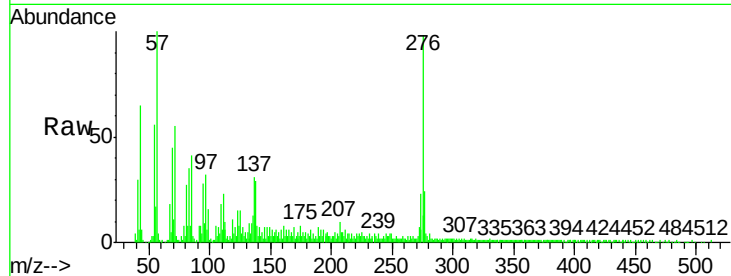
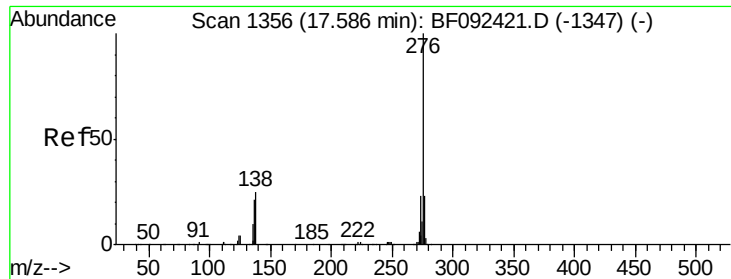
mohammad
1/27/2017 3:02:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 23.34 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.6	14.8	22.2
279	26.6	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 23.31 ng

RT: 17.61 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tot Ion:	276	Resp:	191906
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.2	28.8
138	29.7	16.0	24.0

Manual Integrations
APPROVED

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