

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092525.D
 Acq On : 26 Jan 2017 15:00
 Operator : SJ/MA
 Sample : I1312-02MS 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/27/2017 3:02:29 PM

Quant Time: Jan 27 00:44:16 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	6.97	152	140185	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	513738	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	261180	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	386456	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	263209	20.00	ng	0.00
86) Perylene-d12	15.65	264	189076	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	636164	70.60	ng	0.01
7) Phenol-d6	6.59	99	795125	69.28	ng	0.00
23) Nitrobenzene-d5	7.54	82	524399	55.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	130192	73.15	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	713413	50.51	ng	-0.01
78) Terphenyl-d14	13.11	244	579778	58.66	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	88868	18.55	ng	85
3) Pyridine	3.39	79	227092	16.65	ng	87
4) n-Nitrosodimethylamine	3.32	42	130452	19.49	ng	# 87
6) Aniline	6.62	93	124668	7.28	ng	# 46
8) 2-Chlorophenol	6.75	128	207590	21.93	ng	91
9) Benzaldehyde	6.51	77	156392	19.20	ng	89
10) Phenol	6.60	94	269894	19.48	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	245207	23.66	ng	100
12) 1,3-Dichlorobenzene	6.91	146	240931	21.53	ng	# 92
13) 1,4-Dichlorobenzene	6.99	146	248730	22.08	ng	97
14) 1,2-Dichlorobenzene	7.14	146	213625	19.99	ng	94
15) Benzyl Alcohol	7.10	79	177744	20.55	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	407656	19.88	ng	92
17) 2-Methylphenol	7.22	107	167281	20.69	ng	98
18) Hexachloroethane	7.49	117	49807	12.83	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	147280	18.84	ng	# 88
20) 3+4-Methylphenols	7.38	107	224469	22.88	ng	# 77
22) Acetophenone	7.38	105	288334	23.56	ng	# 89
24) Nitrobenzene	7.55	77	203929	20.70	ng	93
25) Isophorone	7.80	82	395735	21.35	ng	95
26) 2-Nitrophenol	7.87	139	66738	16.17	ng	# 83
27) 2,4-Dimethylphenol	7.92	122	182284	21.23	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	254671	20.93	ng	98
29) 2,4-Dichlorophenol	8.12	162	157090	21.10	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	169112	21.02	ng	# 92
31) Naphthalene	8.28	128	540465	20.55	ng	99
32) Benzoic acid	7.96	122	7726	5.78	ng	92
33) 4-Chloroaniline	8.34	127	95244	8.56	ng	# 94
34) Hexachlorobutadiene	8.41	225	98743	22.44	ng	99
35) Caprolactam	8.68	113	49119	19.76	ng	# 23
36) 4-Chloro-3-methylphenol	8.82	107	157341	19.60	ng	# 85
37) 2-Methylnaphthalene	8.98	142	365447	21.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	165911	25.18	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	99058	19.62	ng	95

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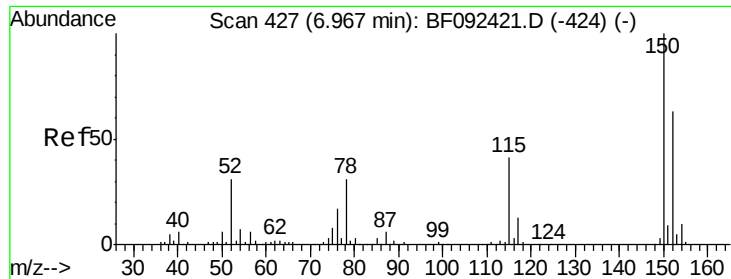
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	103049	22.31	nq	# 90
45) 1,1'-Biphenyl	9.45	154	445728	23.61	nq	97
46) 2-Chloronaphthalene	9.47	162	303299	19.67	nq	95
47) 2-Nitroaniline	9.56	65	107646	20.73	nq	91
48) Acenaphthylene	9.89	152	499051	22.07	nq	97
49) Dimethylphthalate	9.74	163	442975	26.67	nq	99
50) 2,6-Dinitrotoluene	9.80	165	52688	15.52	nq	# 59
51) Acenaphthene	10.06	154	292766	20.83	nq	97
52) 3-Nitroaniline	9.97	138	86007	20.23	nq	97
54) Dibenzofuran	10.24	168	436346	22.87	nq	90
55) 4-Nitrophenol	10.12	139	104913	31.07	nq	# 86
56) 2,4-Dinitrotoluene	10.20	165	63493	14.09	nq	# 74
57) Fluorene	10.58	166	332603	23.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	79380	22.94	nq	97
59) Diethylphthalate	10.44	149	335390	21.06	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	145308	21.17	nq	92
61) 4-Nitroaniline	10.58	138	80217	18.86	nq	93
62) Azobenzene	10.73	77	348302	19.22	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	1754m	5.71	nq	
65) n-Nitrosodiphenylamine	10.68	169	275211	22.80	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	86425	22.15	nq	98
67) Hexachlorobenzene	11.13	284	84198	21.35	nq	98
68) Atrazine	11.21	200	78921	19.11	nq	97
69) Pentachlorophenol	11.32	266	95076	37.70	nq	95
70) Phenanthrene	11.54	178	518359	24.36	nq	98
71) Anthracene	11.60	178	497293	23.91	nq	97
72) Carbazole	11.75	167	457688	23.05	nq	98
73) Di-n-butylphthalate	12.08	149	529789	23.33	nq	# 97
74) Fluoranthene	12.73	202	559849	26.89	nq	98
76) Benzidine	12.85	184	20294	2.08	nq	# 73
77) Pyrene	12.96	202	554613	29.08	nq	99
79) Butylbenzylphthalate	13.59	149	236572m	30.62	nq	
80) Benzo(a)anthracene	14.16	228	348053	24.60	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	54495	10.15	nq	# 93
82) Chrysene	14.19	228	344734	22.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	300160	30.85	nq	# 96
84) Di-n-octyl phthalate	14.76	149	426104	24.12	nq	# 74
85) Indeno(1,2,3-cd)pyrene	17.16	276	253687	22.70	nq	96
87) Benzo(b)fluoranthene	15.22	252	307631m	25.34	nq	
88) Benzo(k)fluoranthene	15.25	252	263706m	26.13	nq	
89) Benzo(a)pyrene	15.60	252	247993	24.15	nq	# 92
90) Dibenzo(a,h)anthracene	17.17	278	200497	24.15	nq	# 90
91) Benzo(g,h,i)perylene	17.62	276	208510	24.83	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

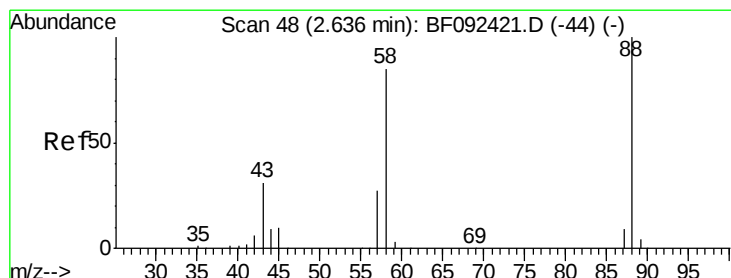
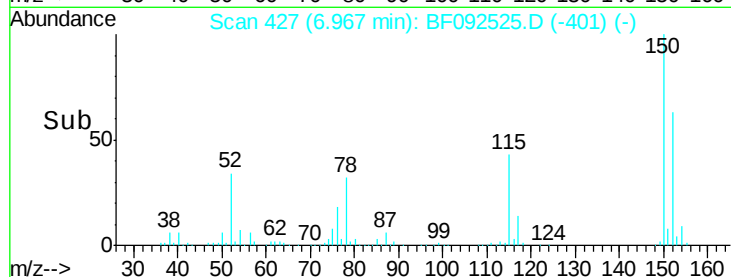
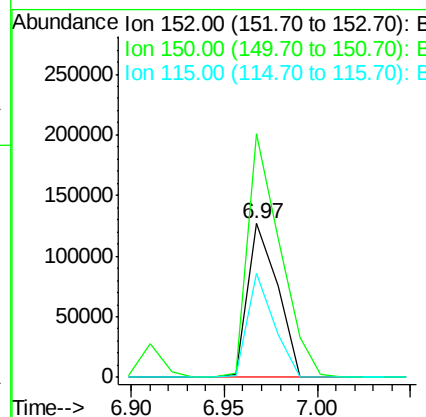
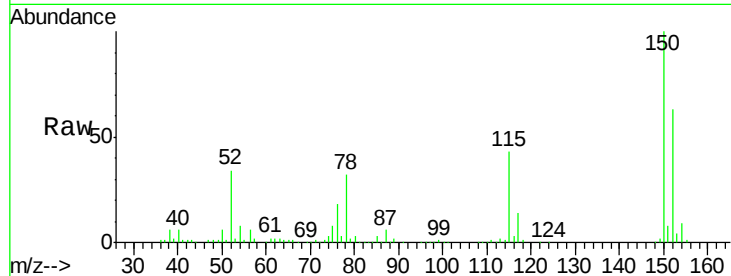
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	152	Resp:	140185
Ion Ratio	Lower	Upper	
152	100		
150	158.6	124.9	187.3
115	67.8	46.0	69.0

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#2

1,4-Dioxane

Concen: 18.55 ng

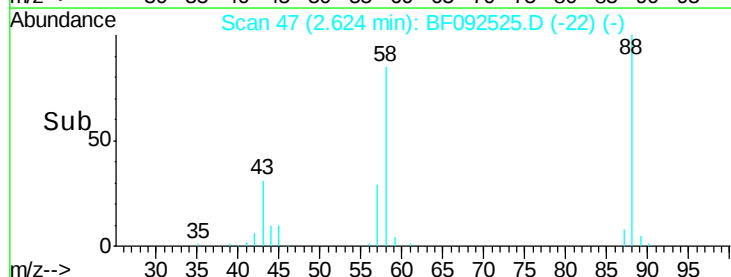
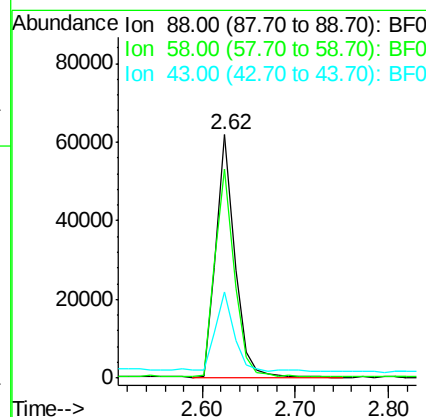
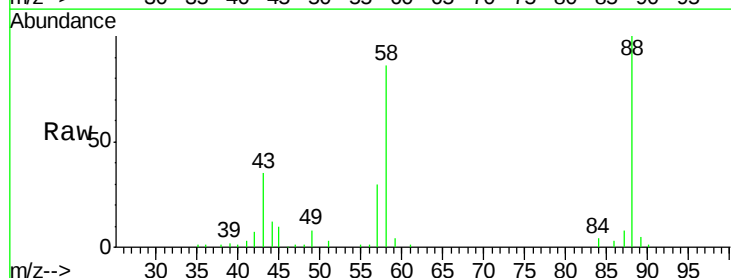
RT: 2.62 min Scan# 47

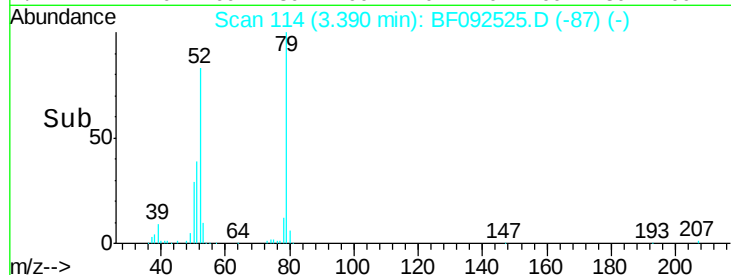
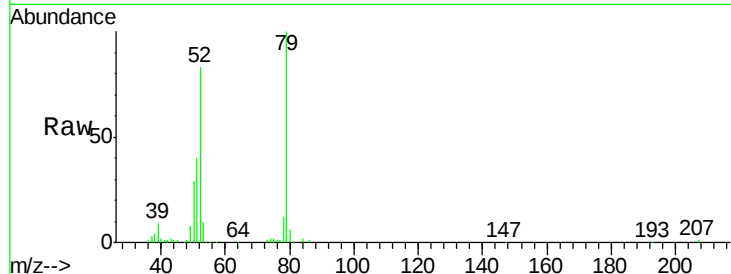
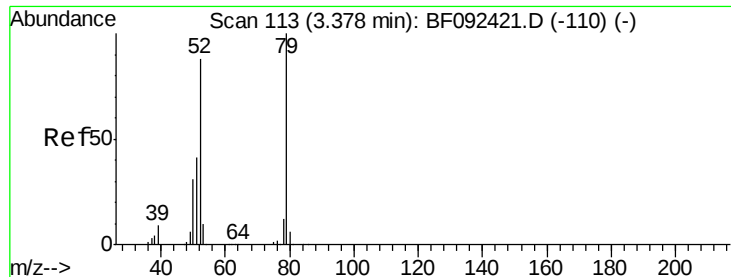
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	88	Resp:	88868
Ion Ratio	Lower	Upper	
88	100		
58	85.9	57.8	86.8
43	33.1	22.3	33.5





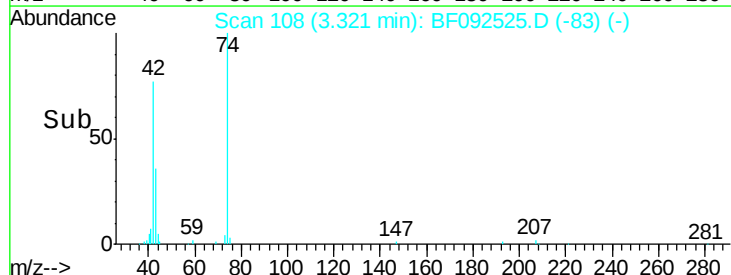
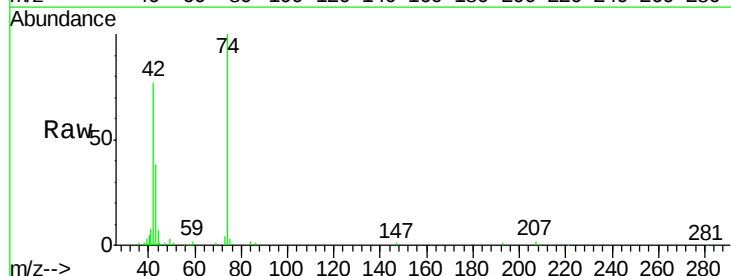
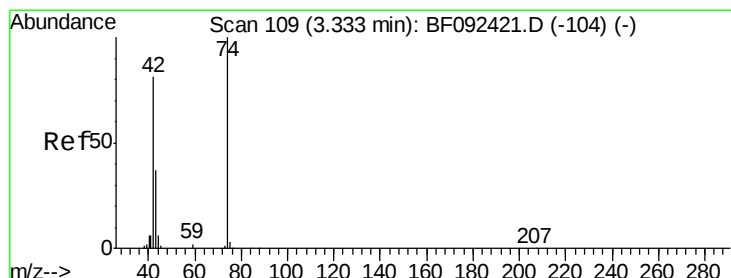
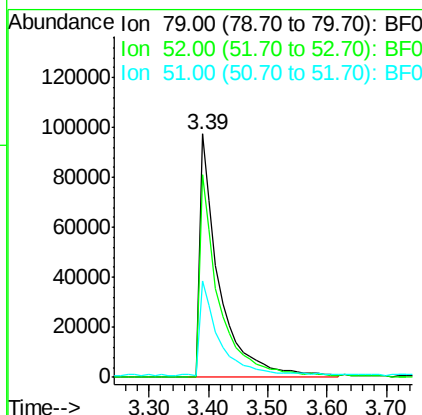
#3
 Pvridine
 Concen: 16.65 ng
 RT: 3.39 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	227092		
52	52	83.2		57.1	85.7
51	51	39.7		27.3	40.9

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 CAS-SB-01-0-2MS

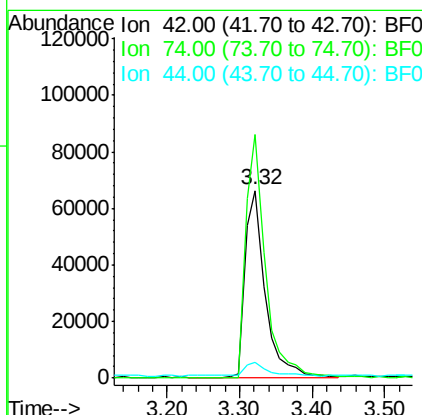
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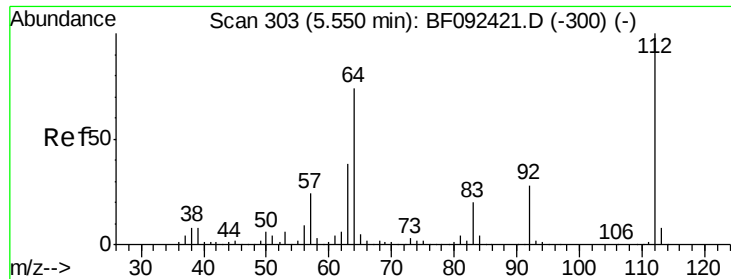
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#4
 n-Nitrosodimethylamine
 Concen: 19.49 ng
 RT: 3.32 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	130452		
74	74	130.0		117.0	175.4
44	44	8.6		5.5	8.3#





#5

2-Fluorophenol

Concen: 70.60 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

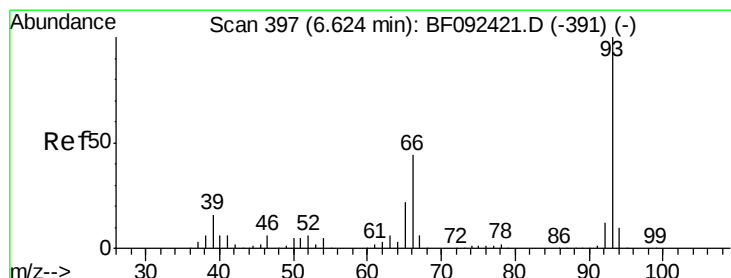
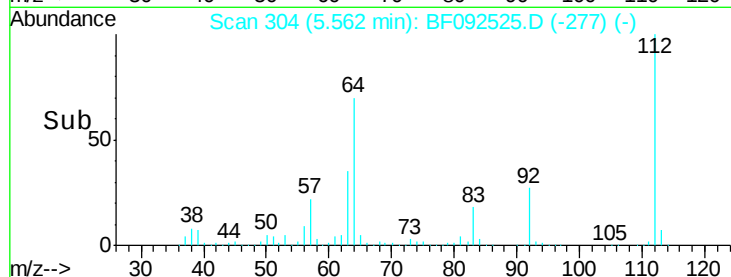
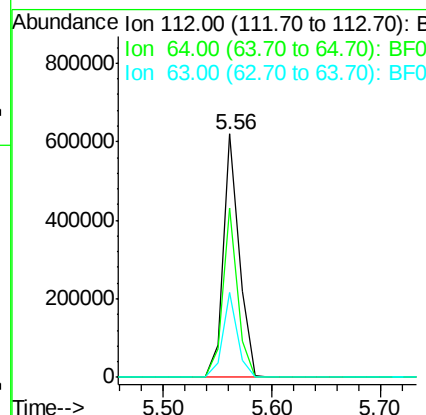
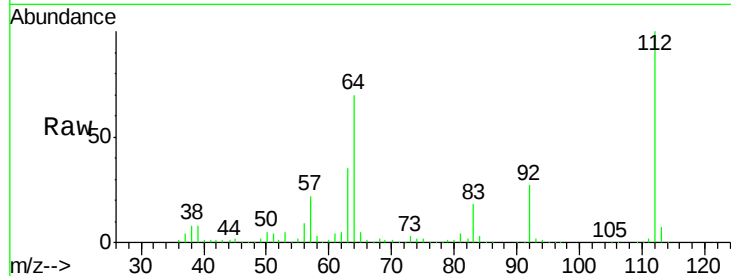
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	112	Resp:	636164
Ion Ratio	Lower	Upper	
112	100		
64	69.8	46.1	69.1#
63	34.7	23.8	35.6

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#6

Aniline

Concen: 7.28 ng

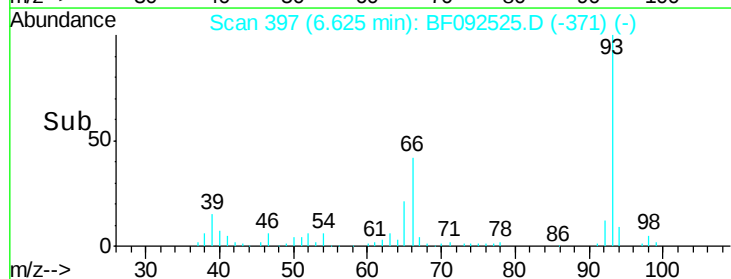
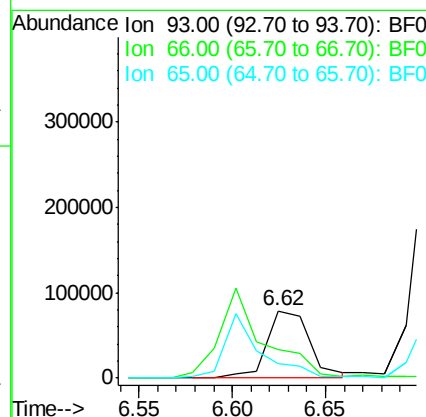
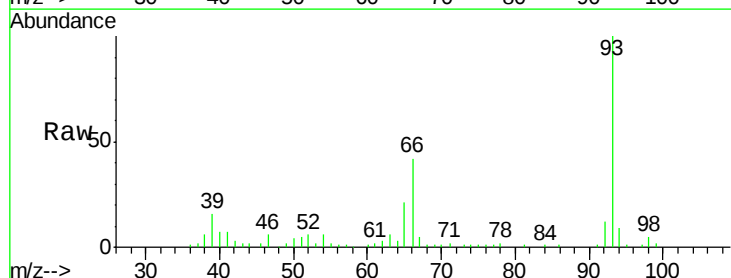
RT: 6.62 min Scan# 397

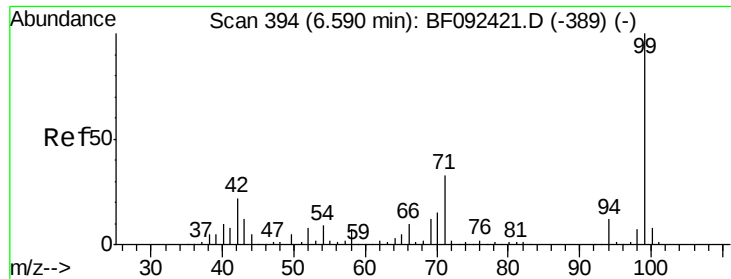
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	93	Resp:	124668
Ion Ratio	Lower	Upper	
93	100		
66	42.2	76.2	114.2#
65	21.3	49.3	73.9#





#7

Phenol-d6

Concen: 69.28 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

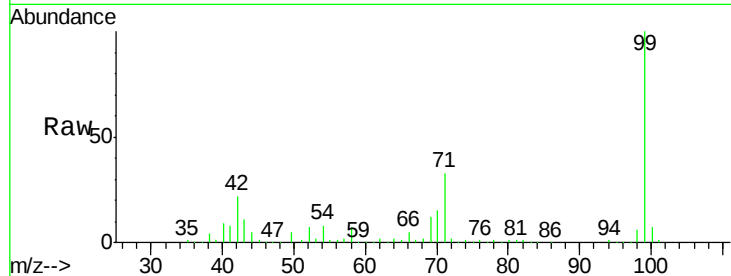
ClientSampleId :

CAS-SB-01-0-2MS

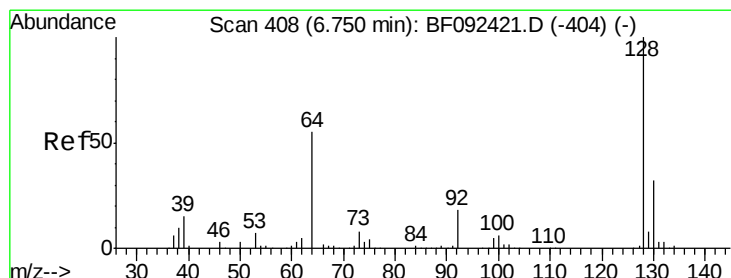
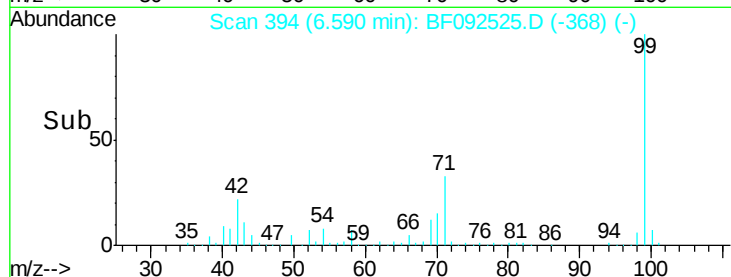
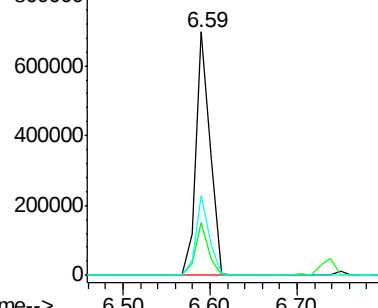
Tot Ion:	99	Resp:	795125
Ion Ratio	Lower	Upper	
99	100		
42	21.9	15.6	23.4
71	32.6	27.5	41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 21.93 ng

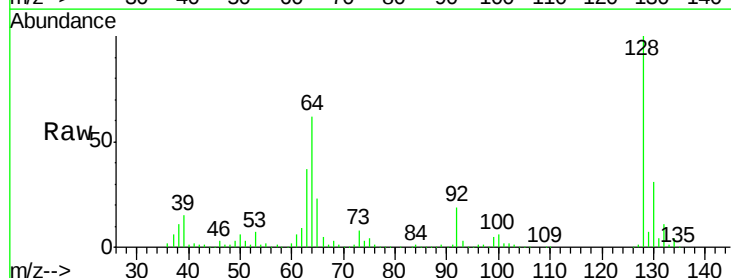
RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

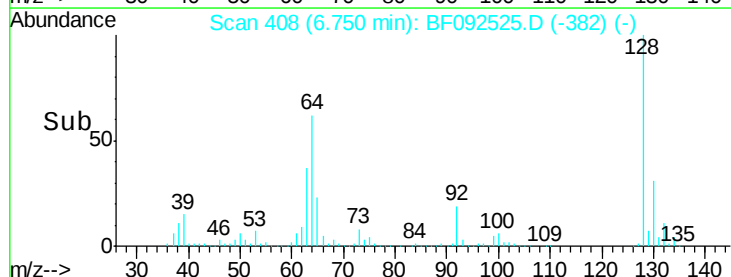
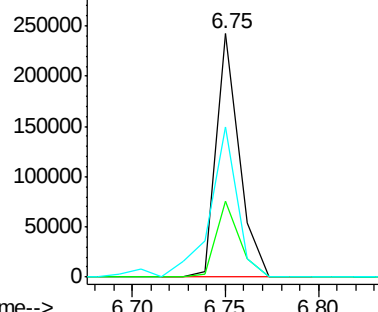
Lab File: BF092525.D

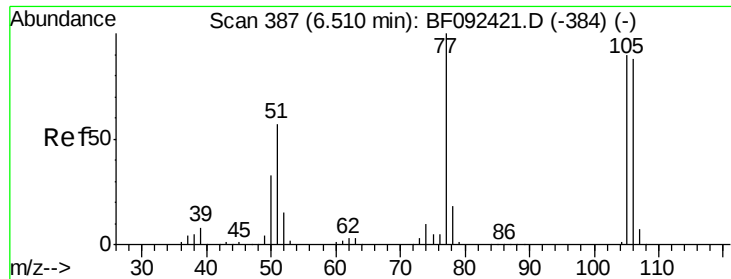
Acq: 26 Jan 2017 15:00

Tgt Ion:	128	Resp:	207590
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.3	52.3
64	61.9	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.20 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

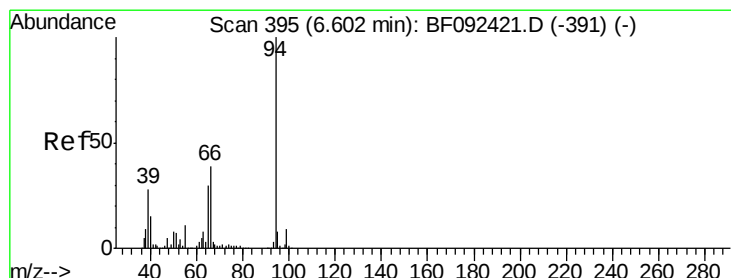
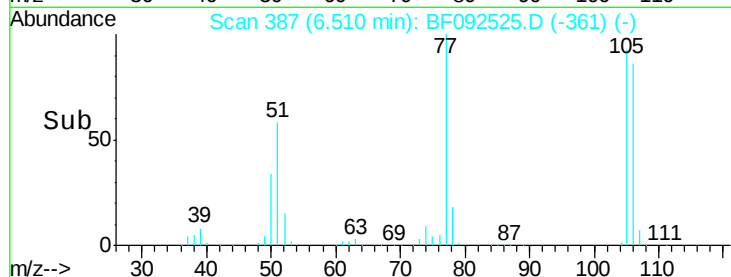
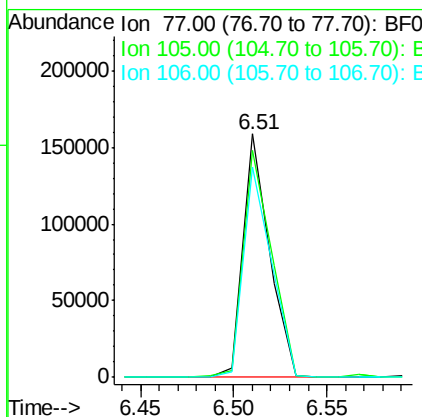
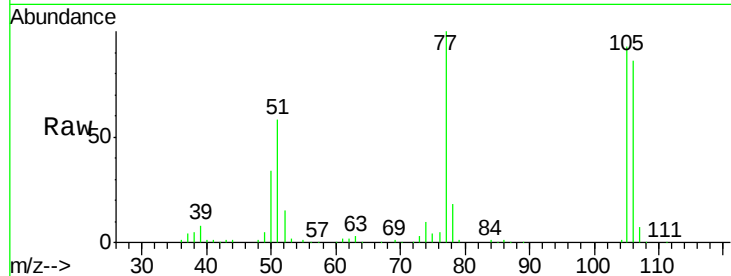
ClientSampleId :

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Tot Ion:	77	Resp:	156392
Ion Ratio	Lower	Upper	
77	100		
105	93.3	83.9	123.9
106	86.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 19.48 ng

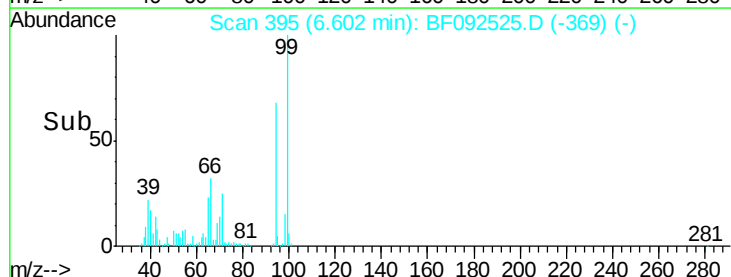
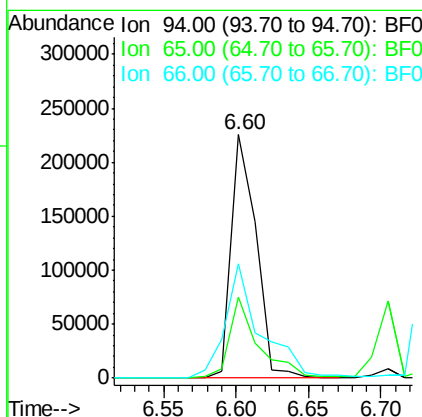
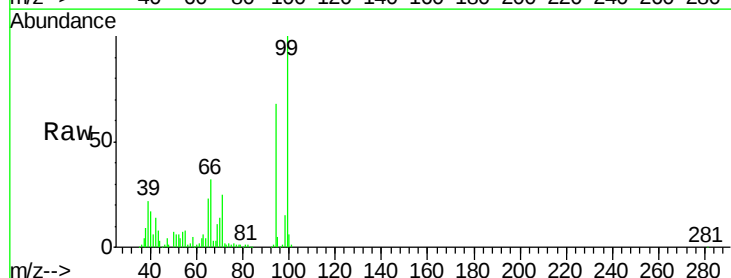
RT: 6.60 min Scan# 395

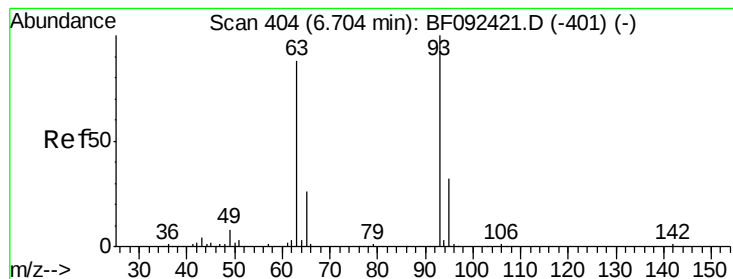
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	94	Resp:	269894
Ion Ratio	Lower	Upper	
94	100		
65	33.4	21.4	61.4
66	47.1	44.0	84.0





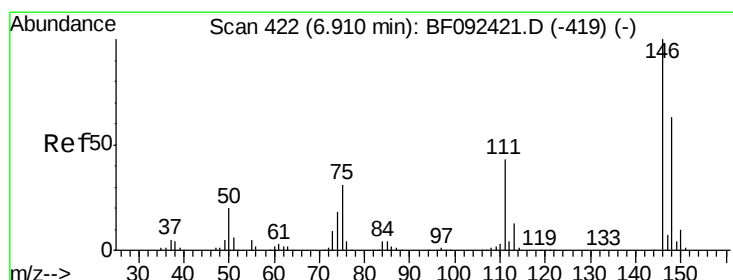
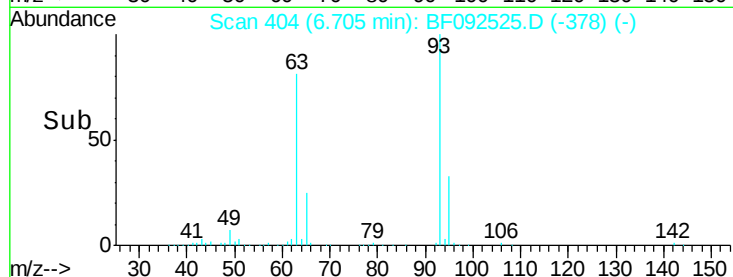
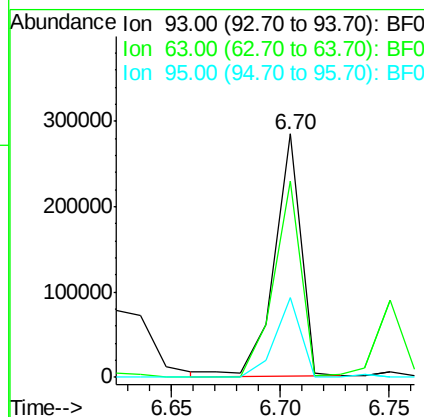
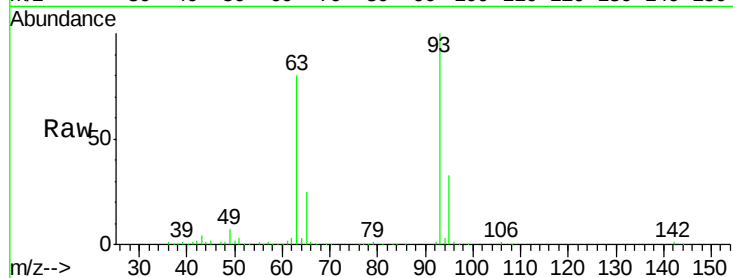
#11
bis(2-Chloroethyl)ether
Concen: 23.66 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.4	100.4
95	32.9	12.8	52.8

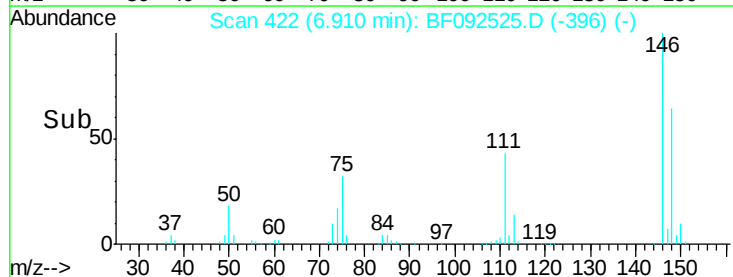
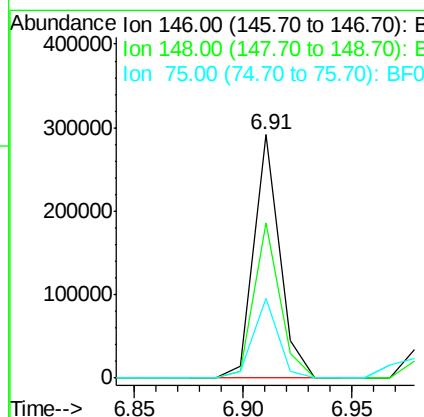
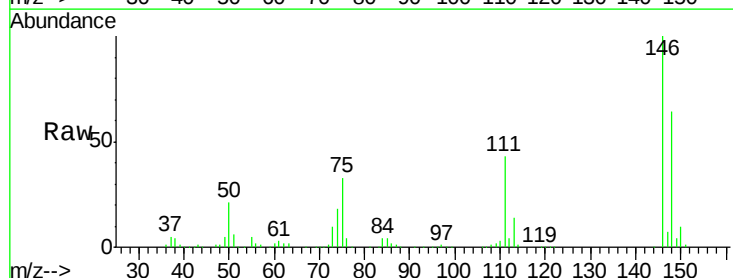
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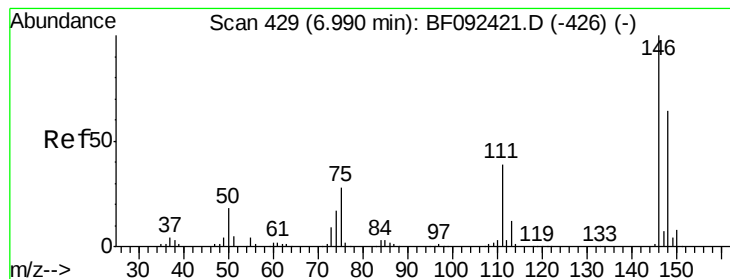
mohammad
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#12
1,3-Dichlorobenzene
Concen: 21.53 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	32.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 22.08 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

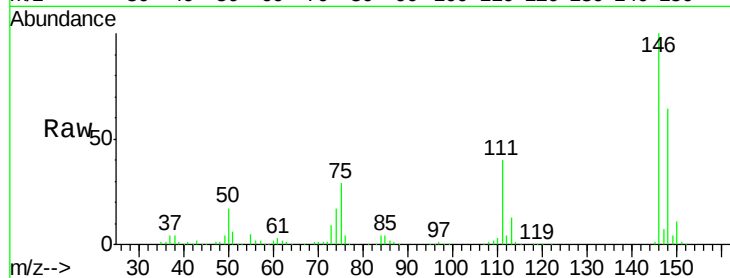
ClientSampleId :

CAS-SB-01-0-2MS

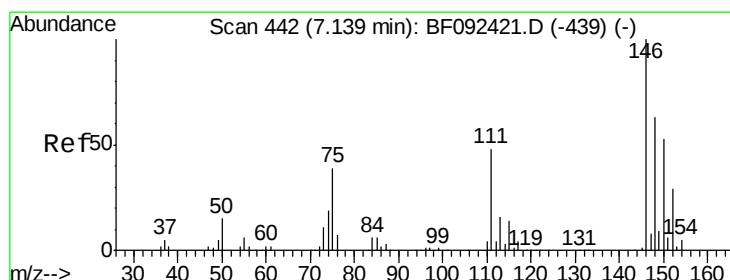
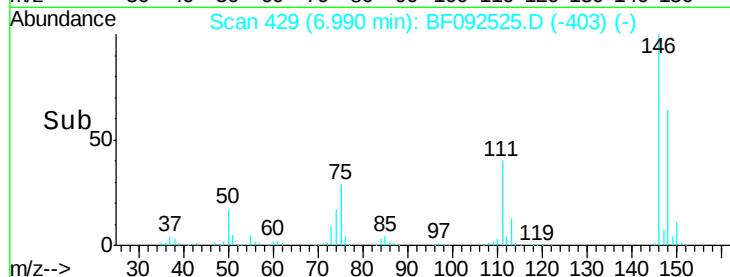
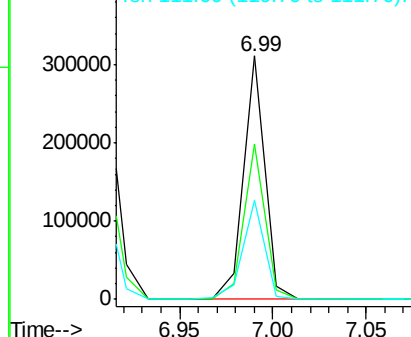
Tot Ion:	146	Resp:	248730
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	76.0
111	40.5	36.2	54.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 19.99 ng

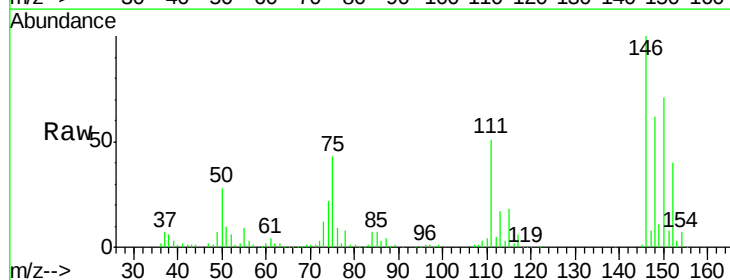
RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

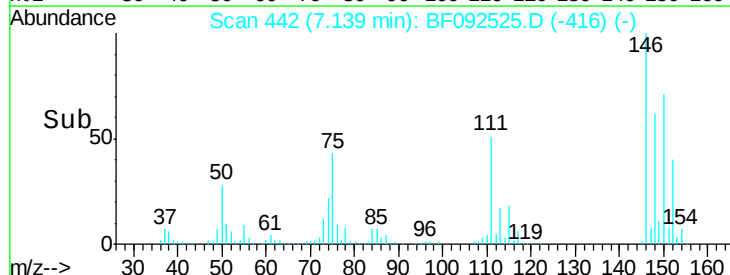
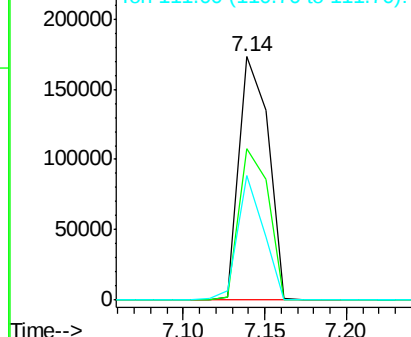
Lab File: BF092525.D

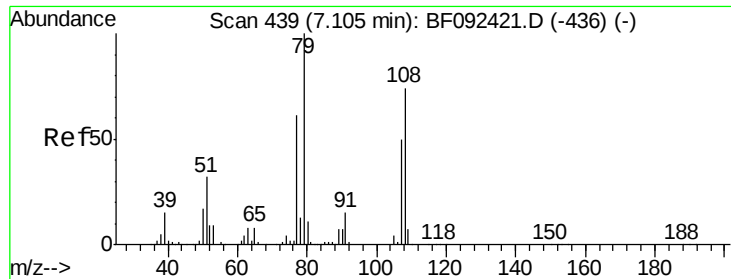
Acq: 26 Jan 2017 15:00

Tgt Ion:	146	Resp:	213625
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.2
111	51.2	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.55 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

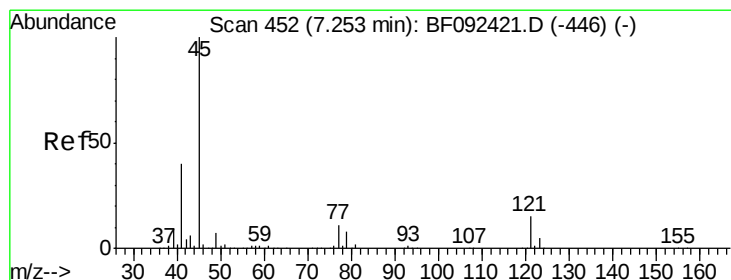
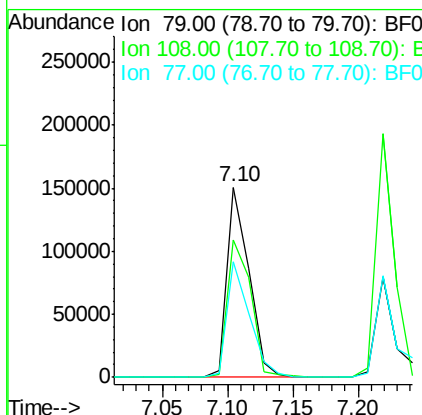
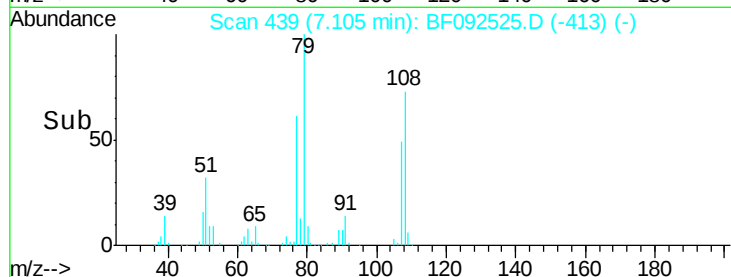
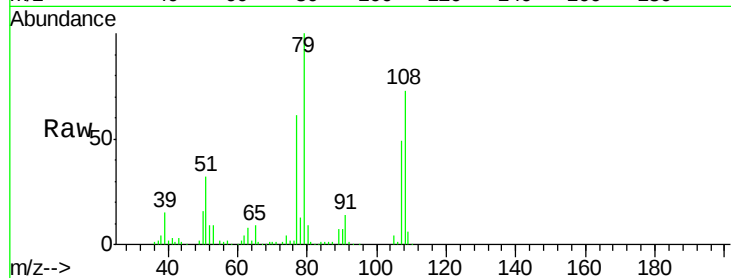
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	79	Resp:	177744
Ion	Ratio	Lower	Upper
79	100		
108	72.6	61.4	92.0
77	61.1	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.88 ng

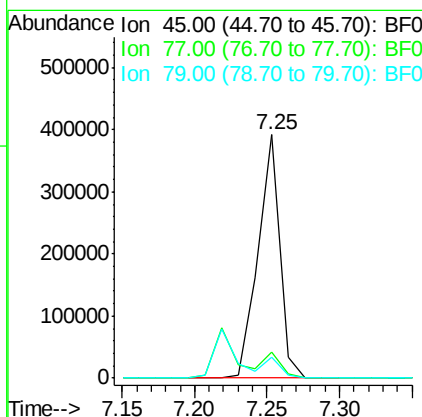
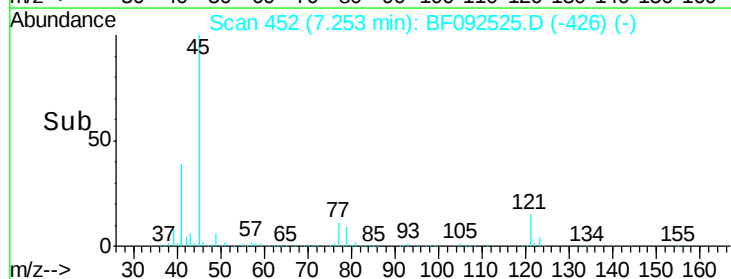
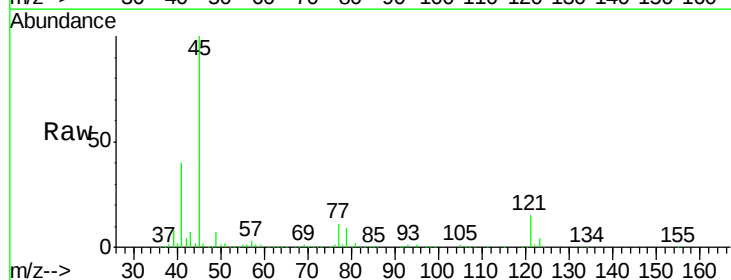
RT: 7.25 min Scan# 452

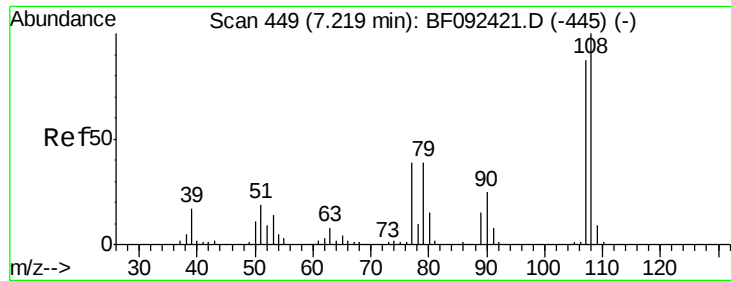
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	45	Resp:	407656
Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	34.6
79	8.7	0.0	31.2





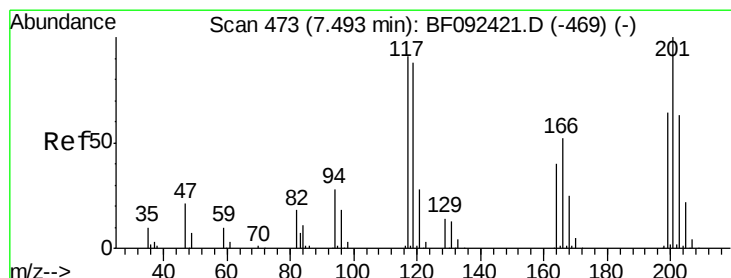
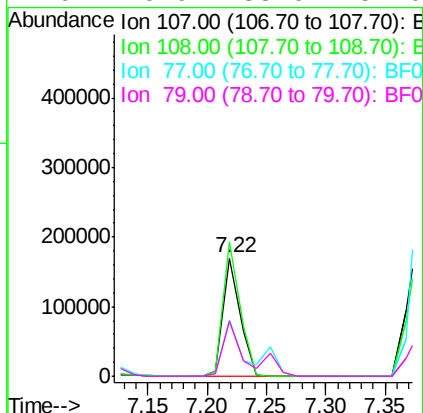
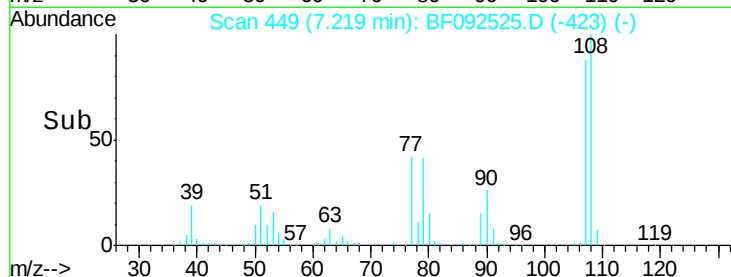
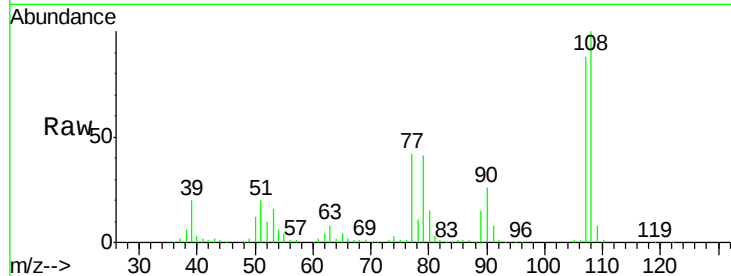
#17
2-Methylphenol
Concen: 20.69 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167281		
108	113.6	93.0	139.6	
77	47.5	39.8	59.8	
79	46.9	38.0	57.0	

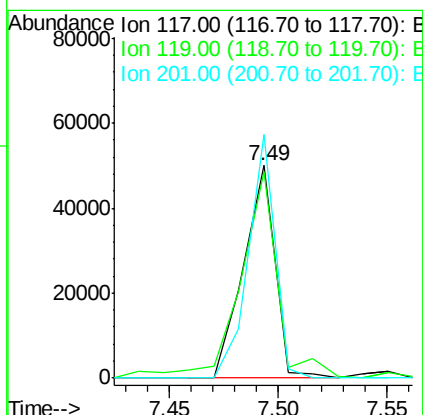
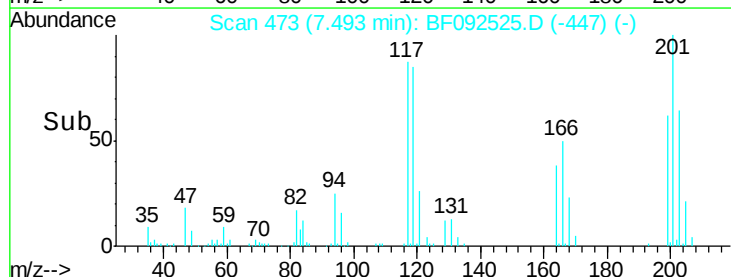
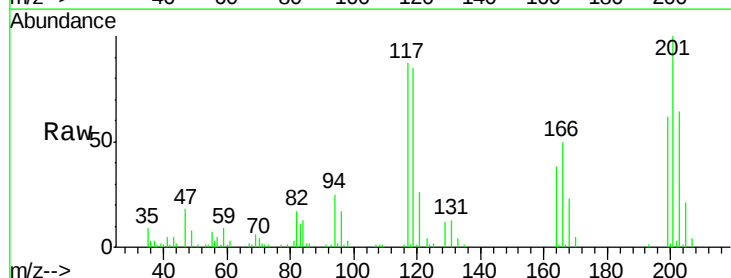
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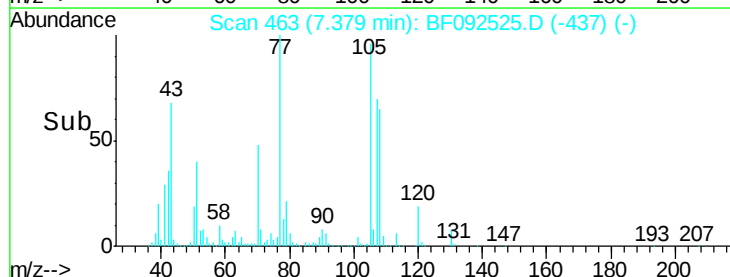
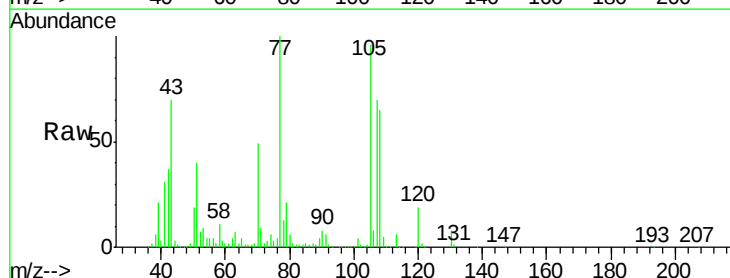
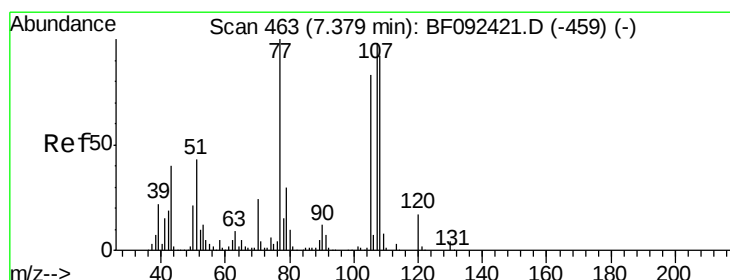
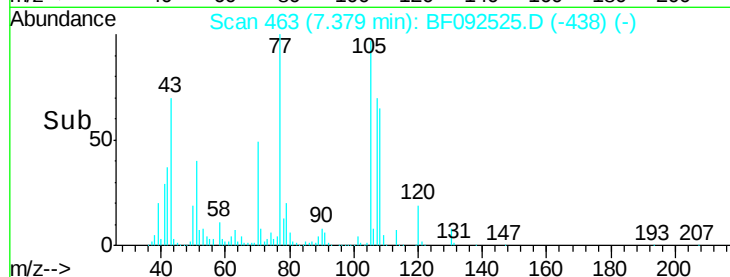
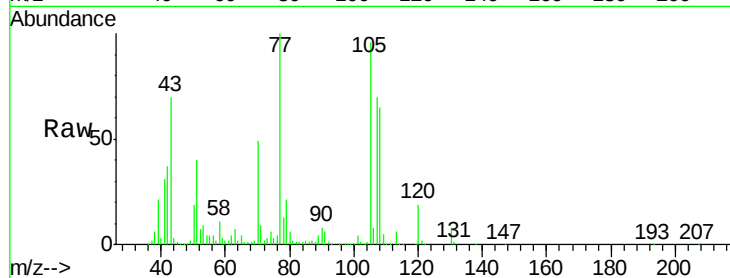
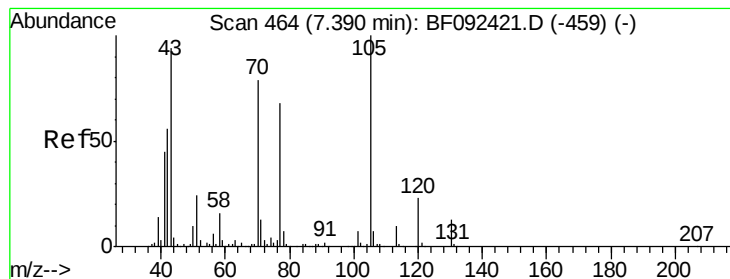
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#18
Hexachloroethane
Concen: 12.83 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49807		
119	97.2	78.1	117.1	
201	114.7	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 18.84 ng

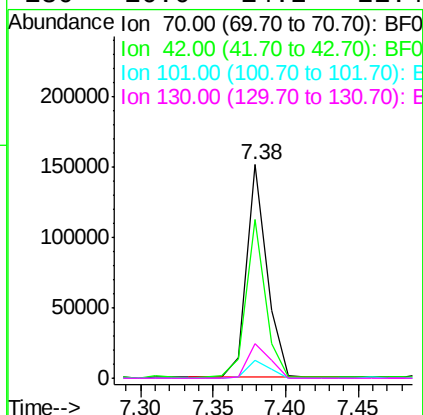
RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.1	49.4	74.0#	
101	8.5	7.4	11.2	
130	16.0	14.2	21.4	



Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

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#20

3+4-Methylphenols

Concen: 22.88 ng

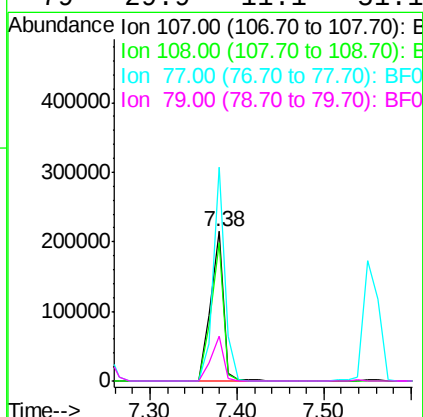
RT: 7.38 min Scan# 463

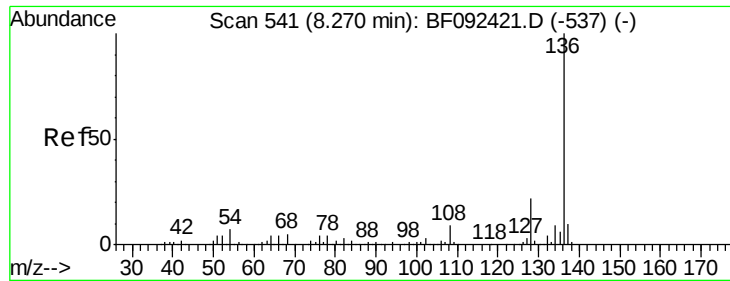
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	73.0	113.0	
77	143.0	71.3	111.3#	
79	29.9	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: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:136 Resp: 513738
Ion Ratio Lower Upper

136 100

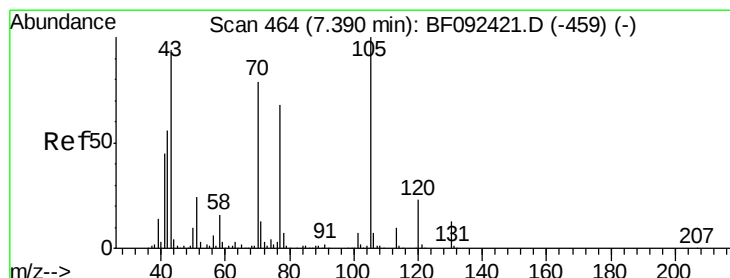
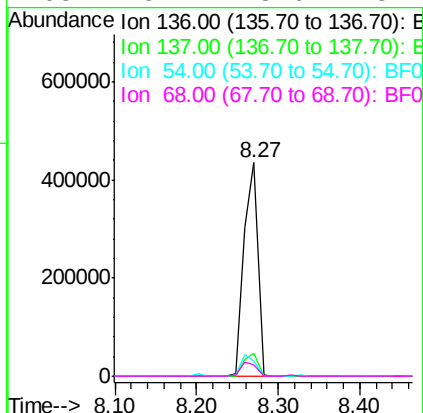
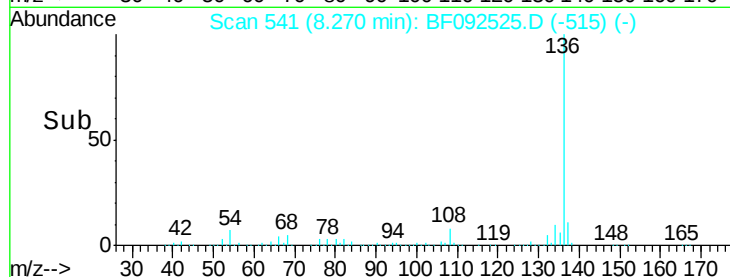
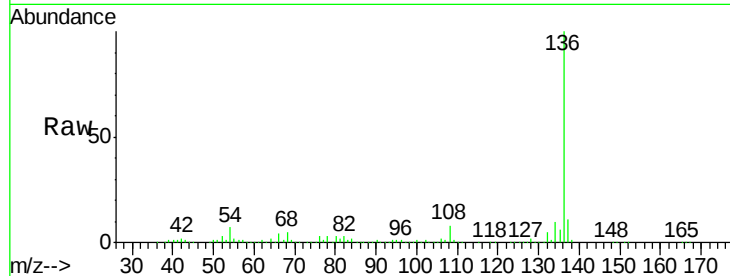
137 10.6 8.4 12.6

54 7.0 4.5 6.7#

68 5.4 3.6 5.4#

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#22

Acetophenone

Concen: 23.56 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

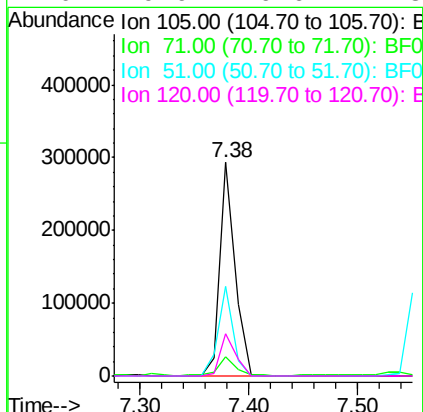
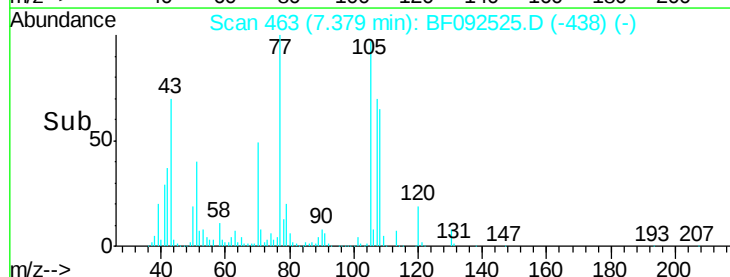
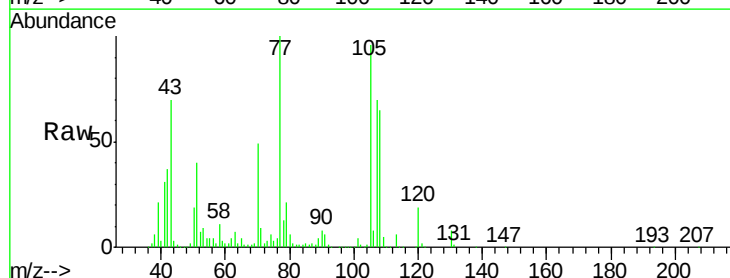
Tgt Ion:105 Resp: 288334
Ion Ratio Lower Upper

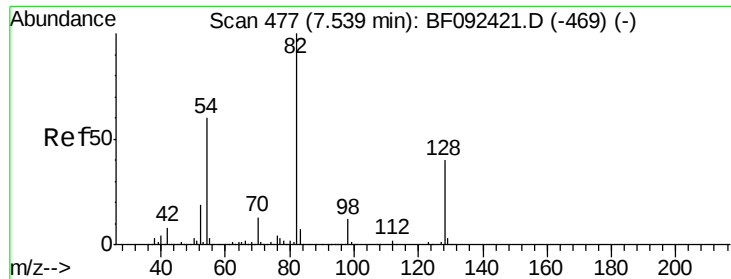
105 100

71 9.1 3.2 4.8#

51 42.0 26.2 39.4#

120 19.9 16.6 24.8





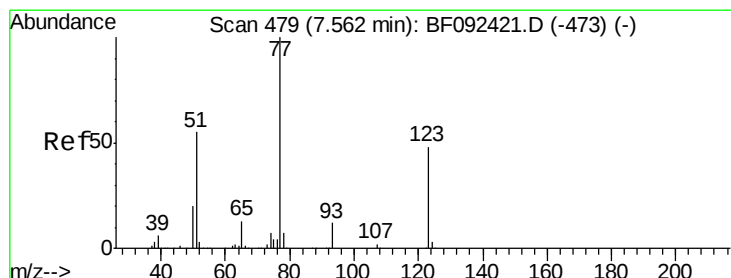
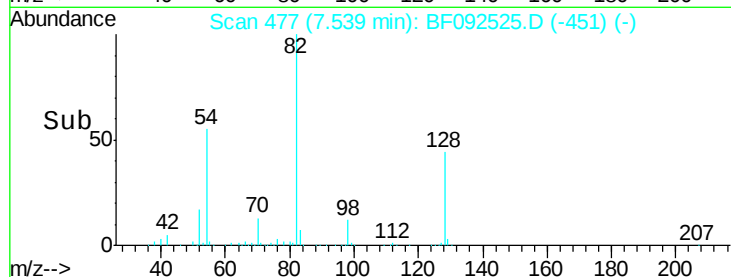
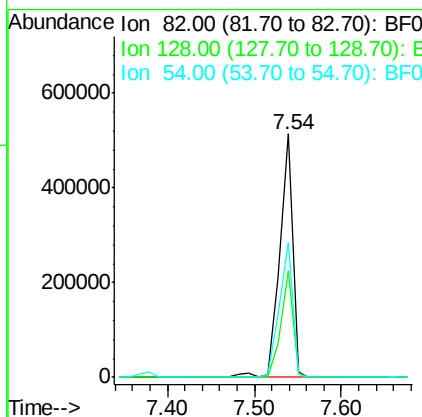
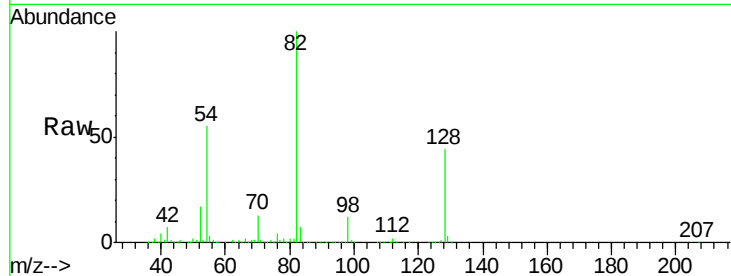
#23
 Nitrobenzene-d5
 Concen: 55.76 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	55.5	39.5	59.3

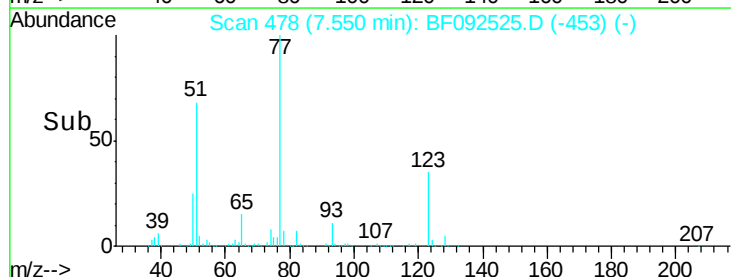
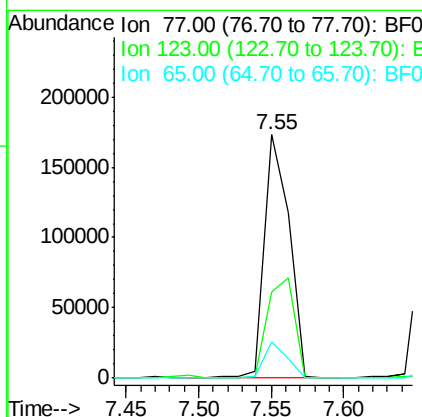
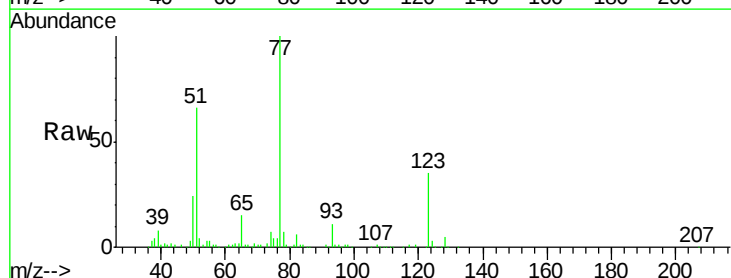
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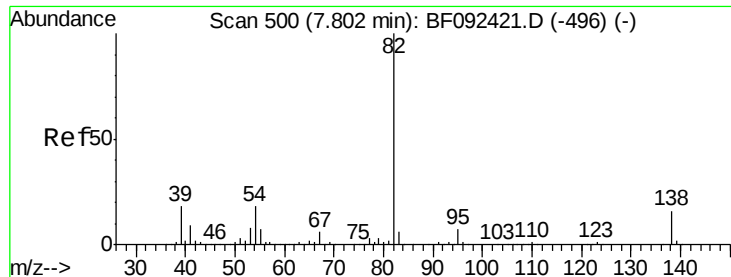
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#24
 Nitrobenzene
 Concen: 20.70 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.4	33.0	49.4
65	14.6	11.2	16.8





#25

Isophorone

Concen: 21.35 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

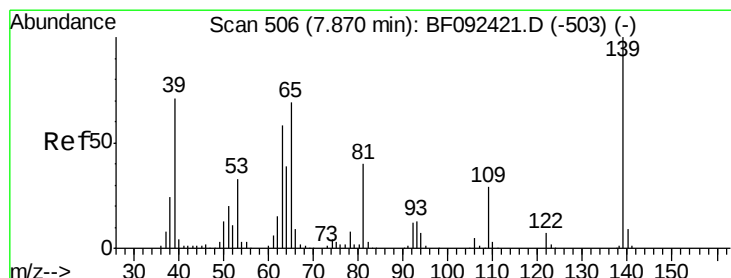
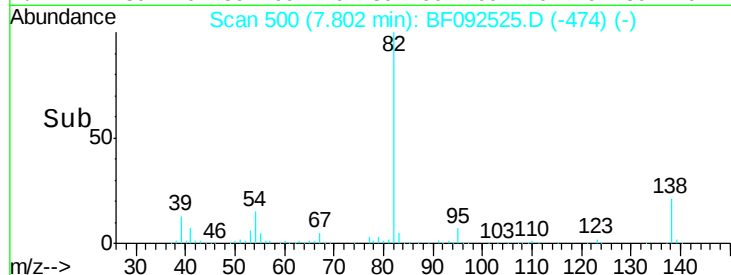
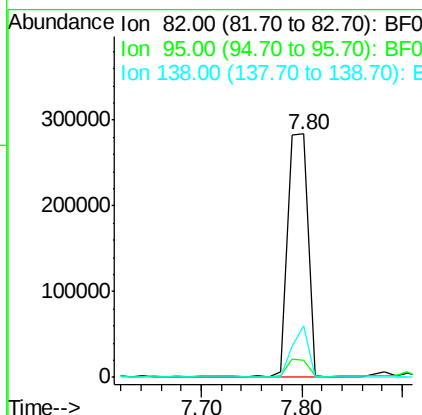
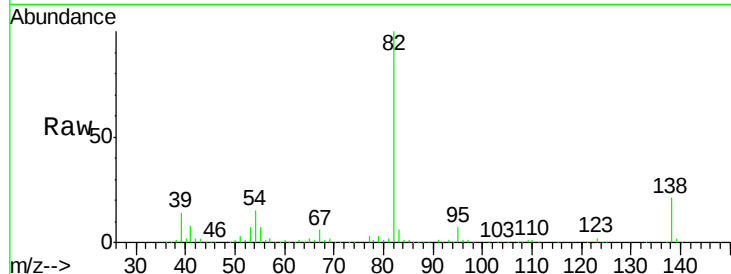
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	82	Resp:	395735
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	21.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 16.17 ng

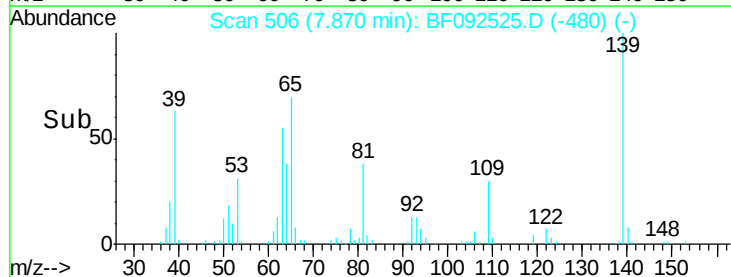
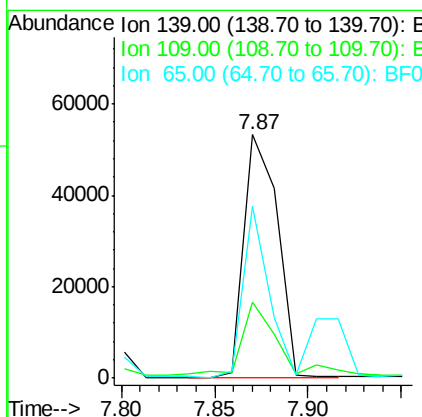
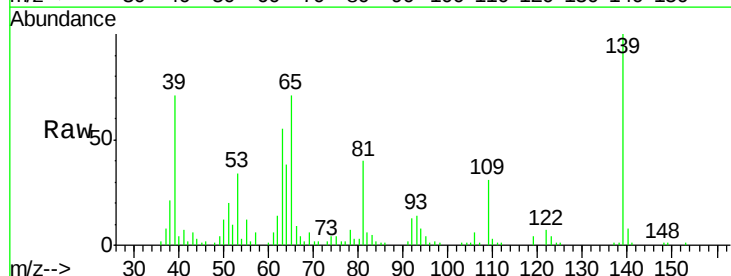
RT: 7.87 min Scan# 506

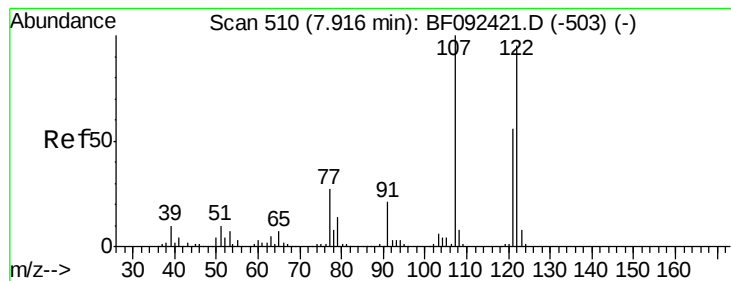
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	139	Resp:	66738
Ion Ratio	Lower	Upper	
139	100		
109	31.3	23.3	34.9
65	70.7	42.7	64.1#





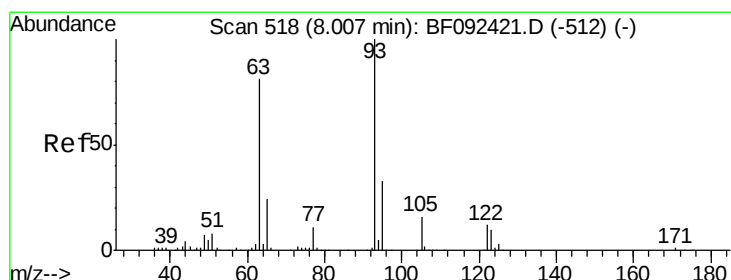
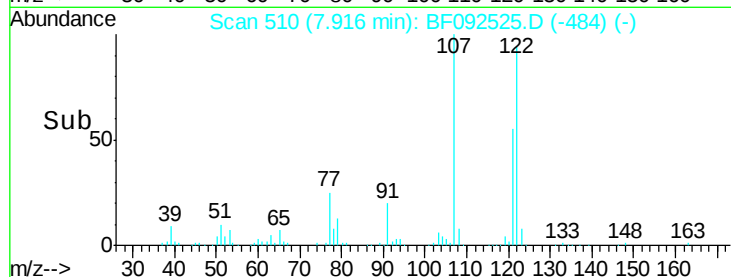
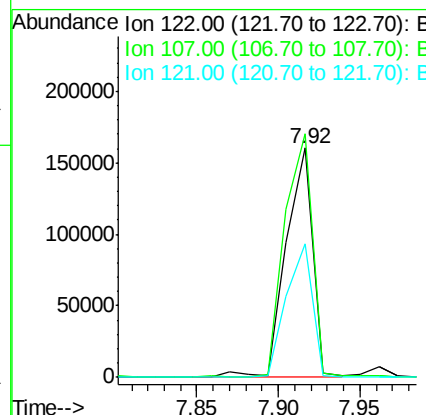
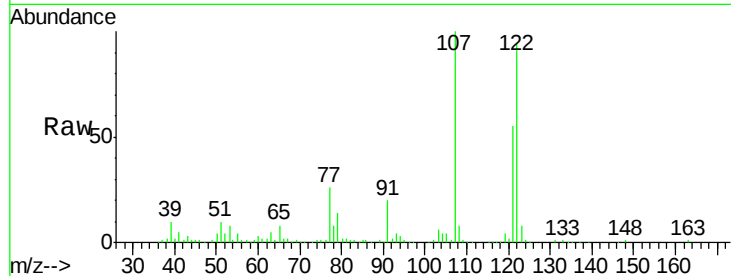
#27
2,4-Dimethylphenol
Concen: 21.23 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.2	94.1	141.1
121	58.2	46.0	69.0

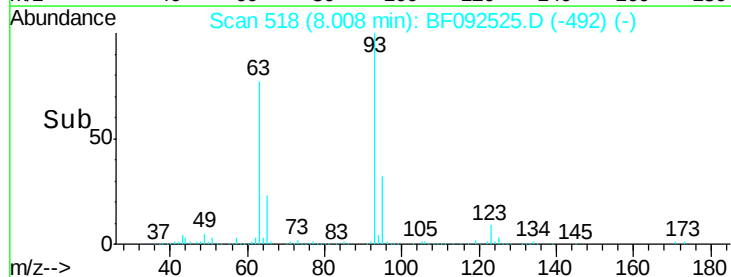
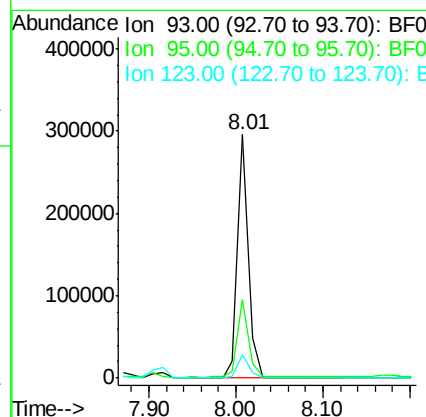
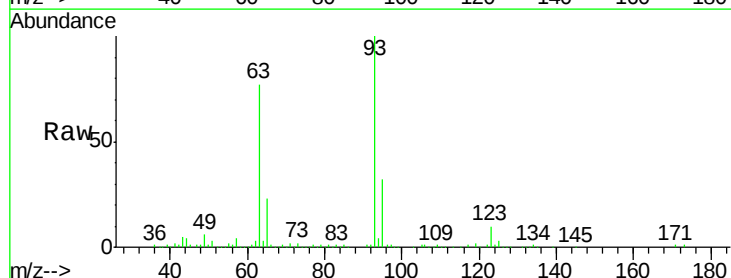
Manual Integrations
APPROVED

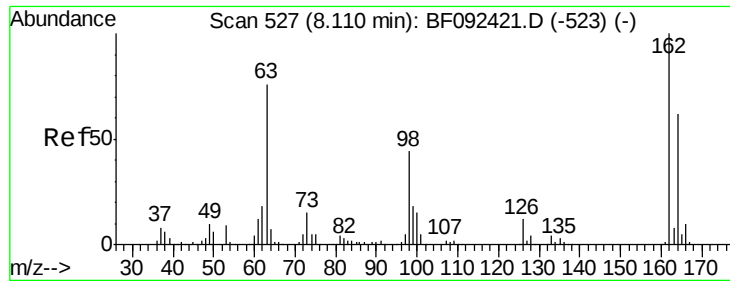
mohammad
1/27/2017 3:02:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 20.93 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.6	8.6	13.0





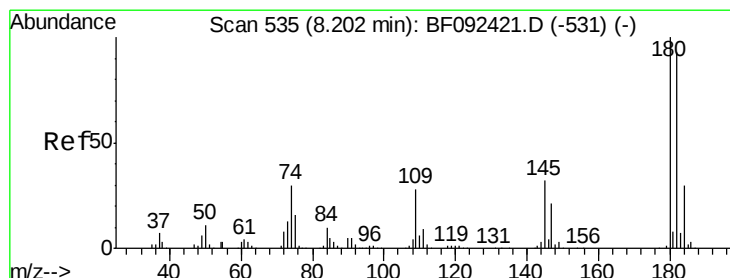
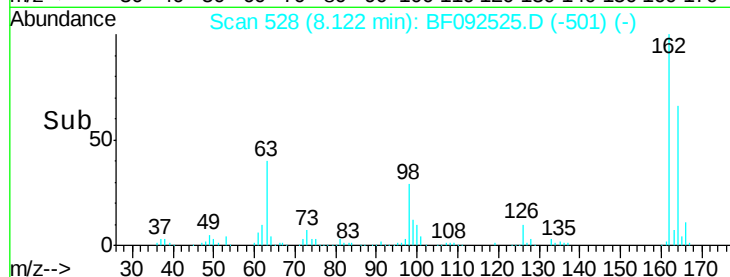
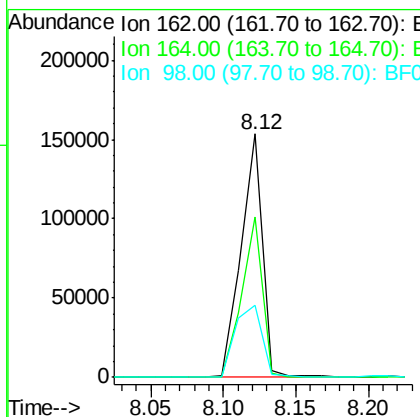
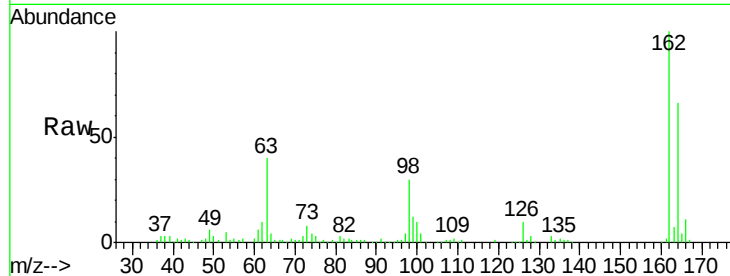
#29
2,4-Dichlorophenol
Concen: 21.10 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	157090		
164	66.1	46.8	86.8	
98	29.8	9.1	49.1	

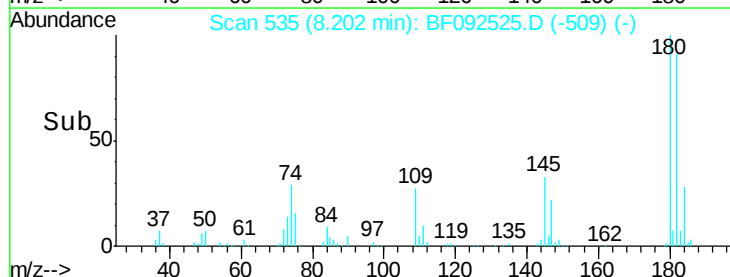
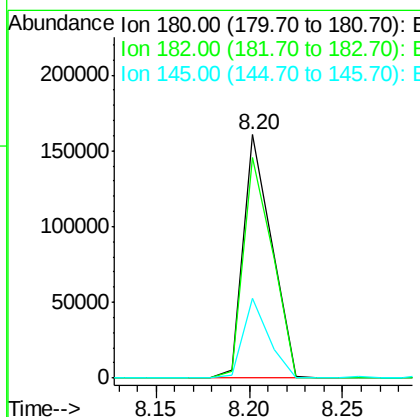
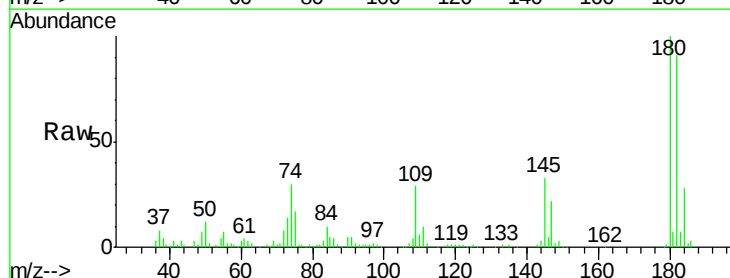
Manual Integrations
APPROVED

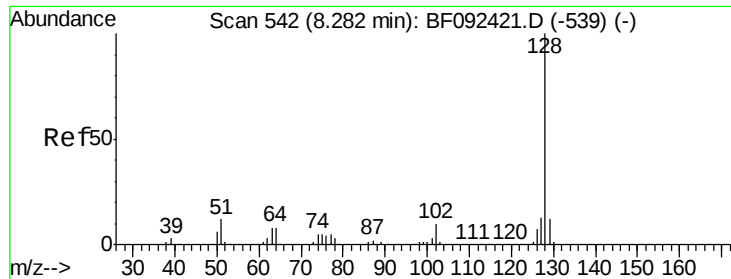
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 21.02 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169112		
182	90.6	78.2	117.4	
145	32.8	21.6	32.4	





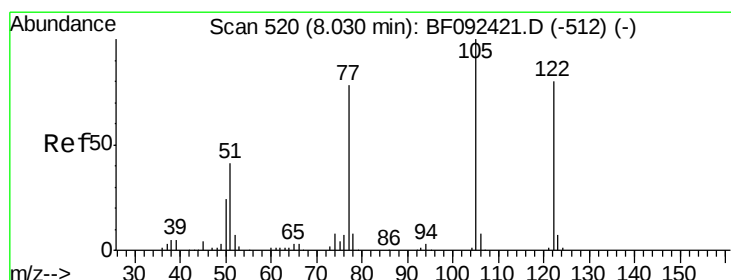
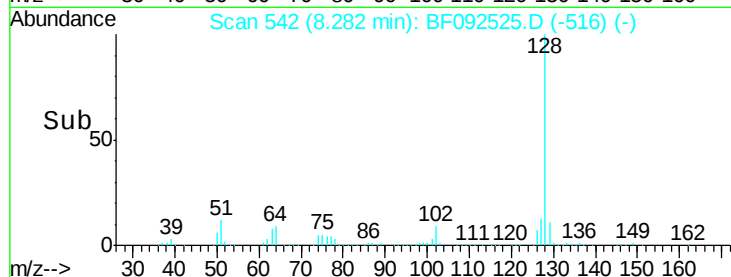
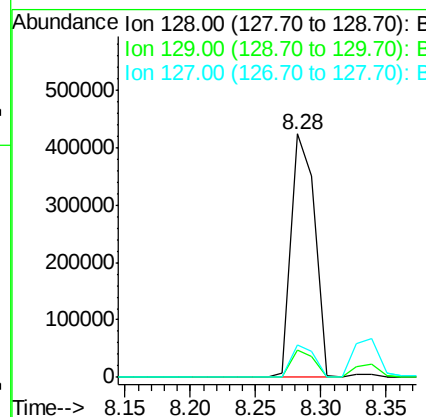
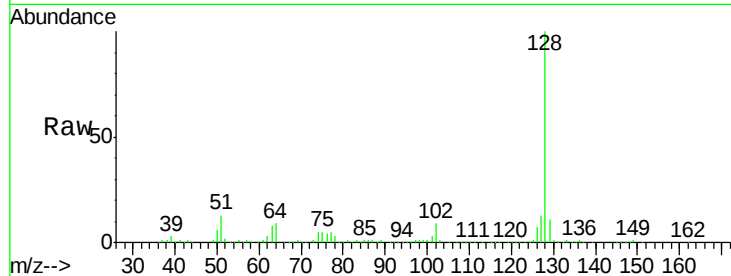
#31
Naphthalene
Concen: 20.55 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.3	10.8	16.2

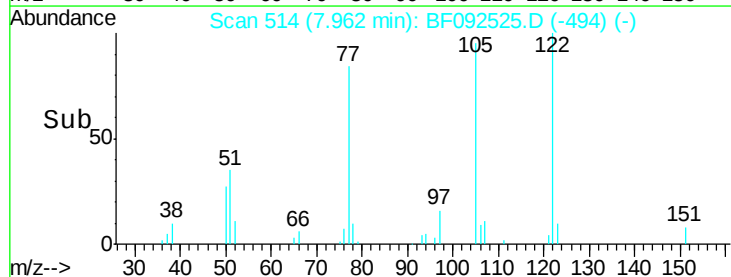
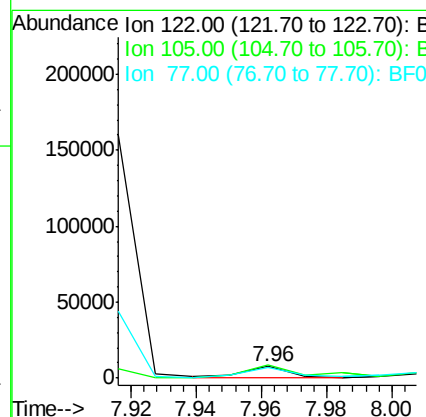
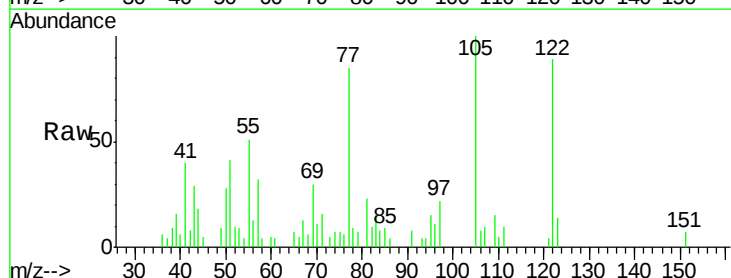
Manual Integrations
APPROVED

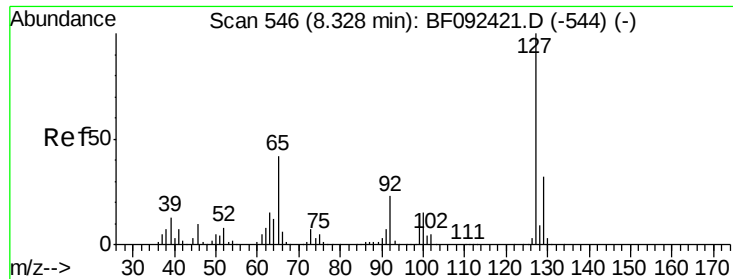
mohammad
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#32
Benzoic acid
Concen: 5.78 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.9	107.2	147.2
77	95.2	74.5	114.5





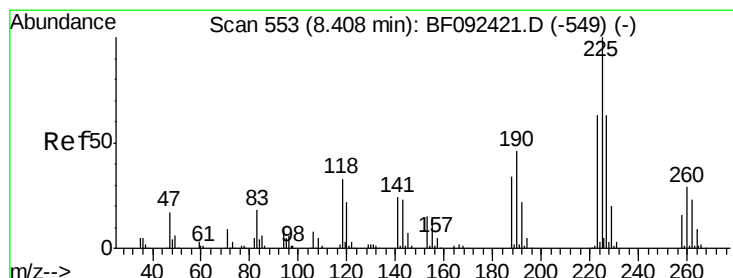
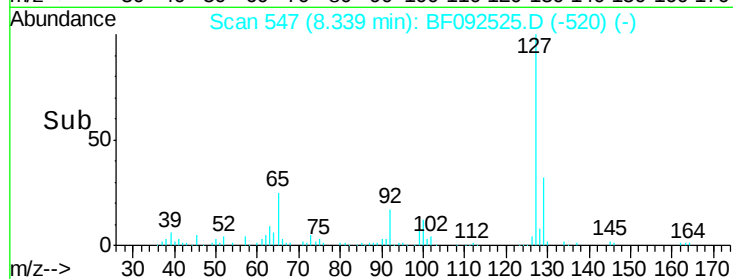
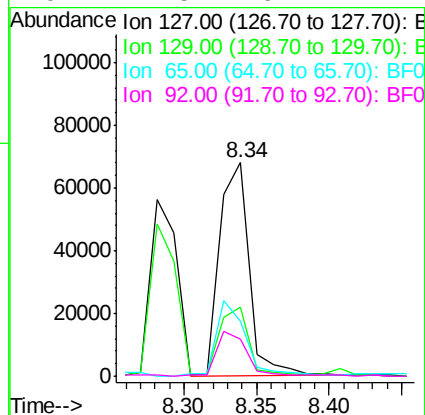
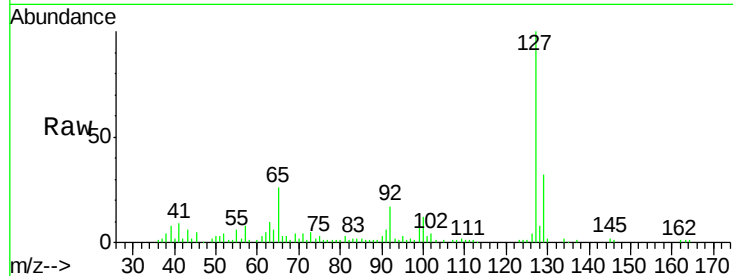
#33
4-Chloroaniline
Concen: 8.56 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		95244		
129	32.5	26.3	39.5		
65	25.8	25.8	38.8		
92	17.5	16.1	24.1		

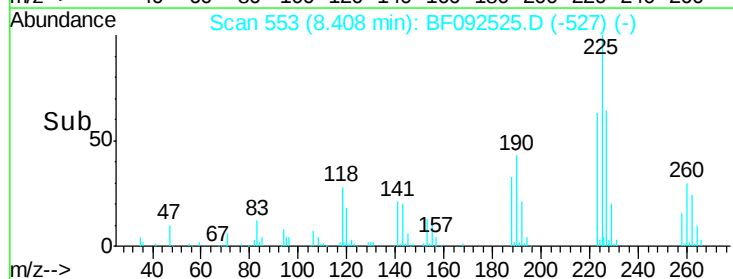
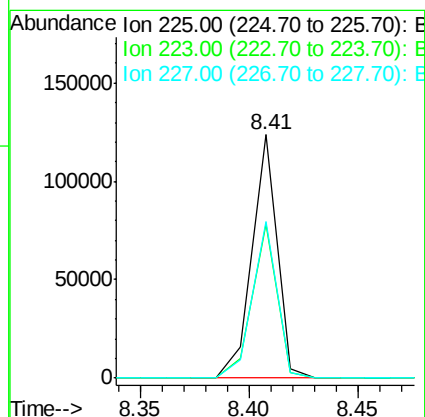
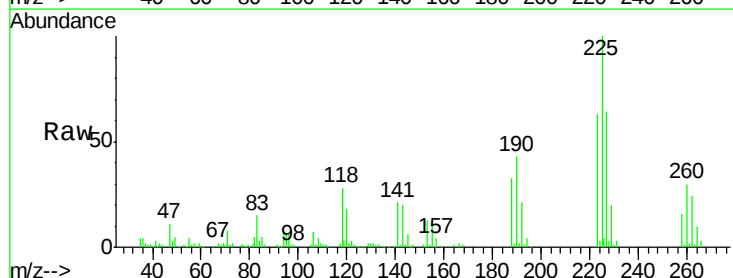
Manual Integrations
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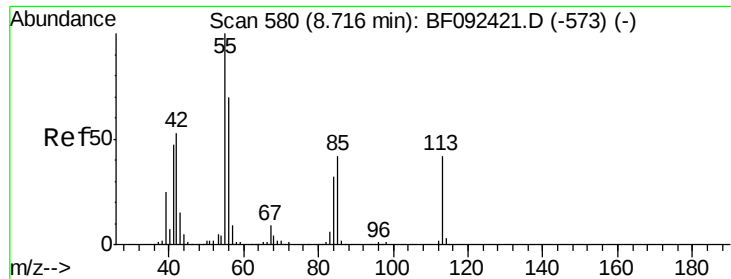
mohammad
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#34
Hexachlorobutadiene
Concen: 22.44 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		98743		
223	63.2	51.0	76.6		
227	64.1	50.6	76.0		





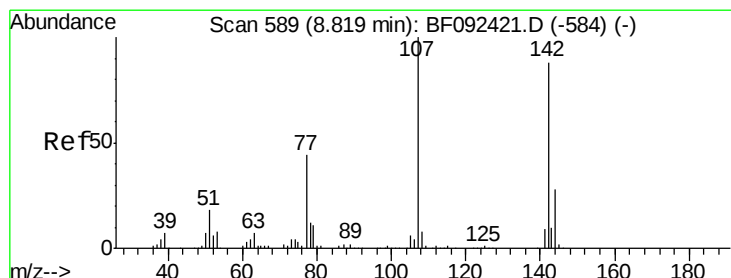
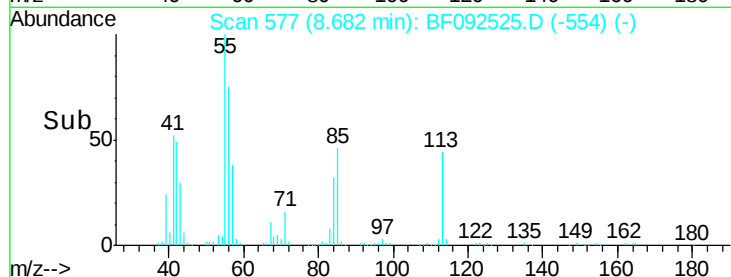
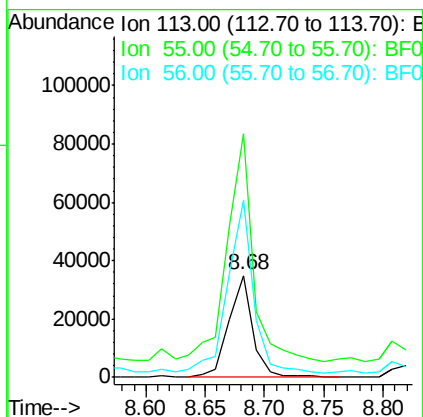
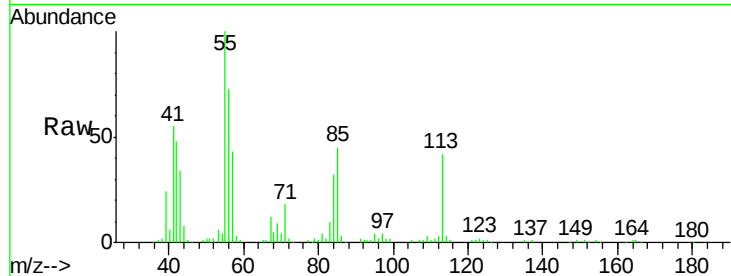
#35
 Caprolactam
 Concen: 19.76 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.03 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	239.2	119.2	159.2#
56	174.3	83.8	123.8#

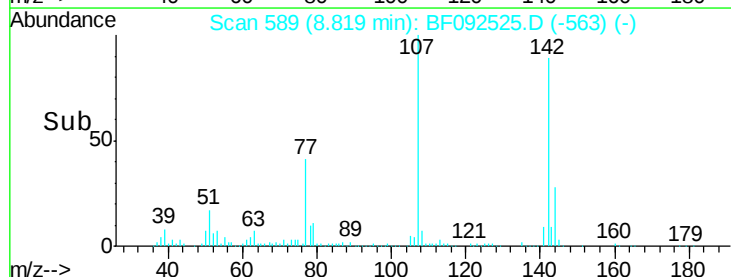
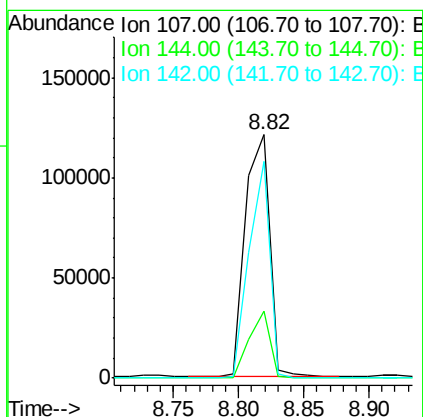
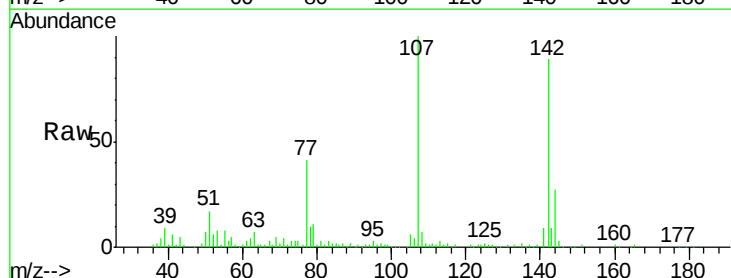
Manual Integrations
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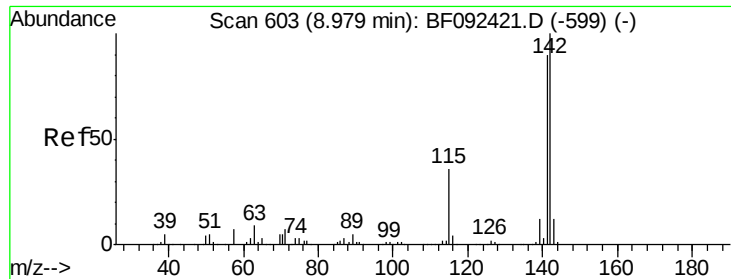
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 19.60 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.3	28.9
142	88.8	59.0	88.6#





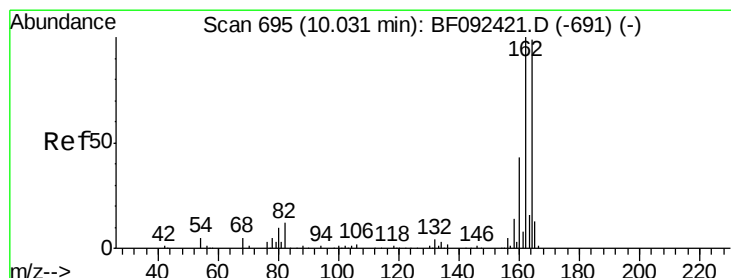
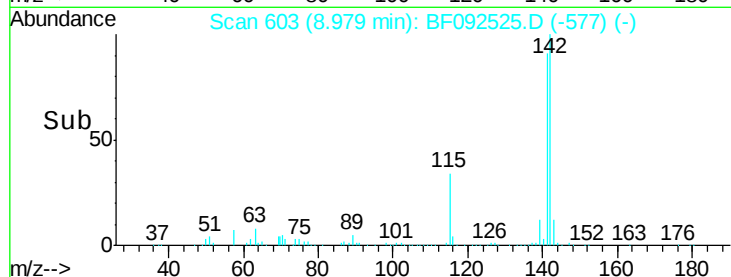
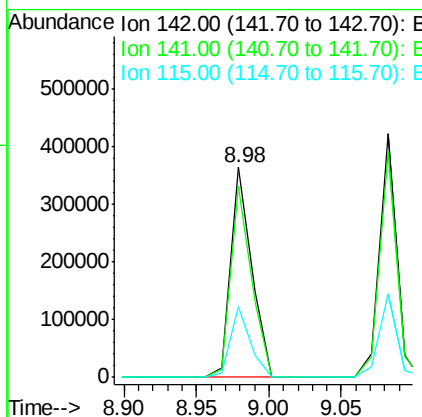
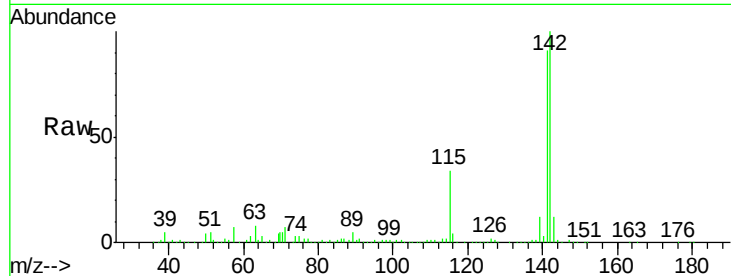
#37
2-Methylnaphthalene
Concen: 21.95 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	34.0	28.3	42.5

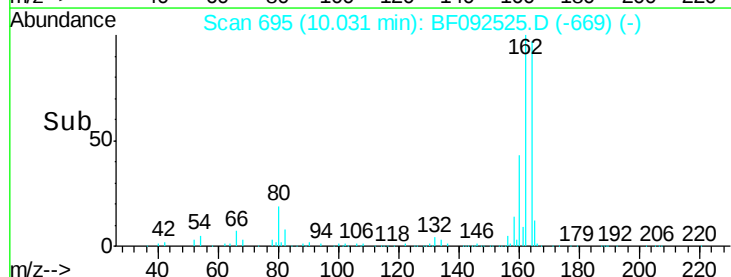
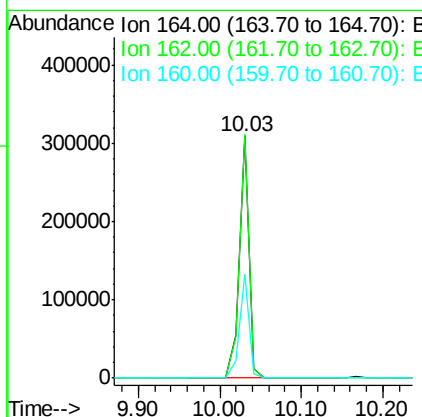
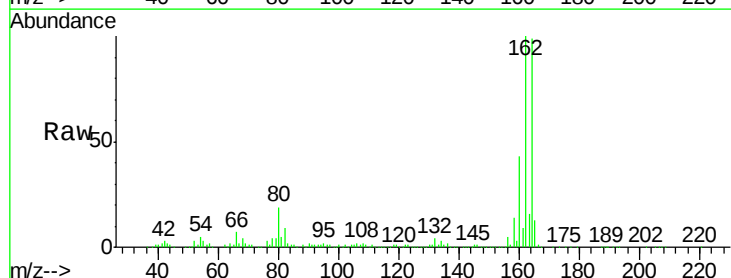
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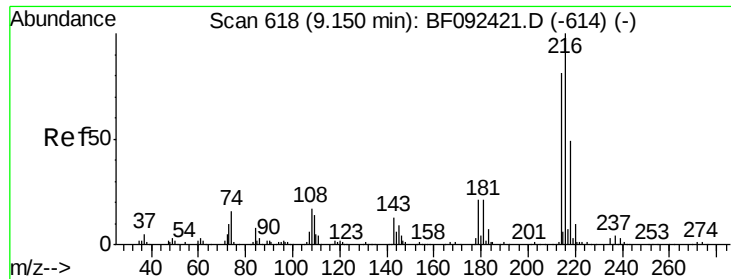
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	42.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.18 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

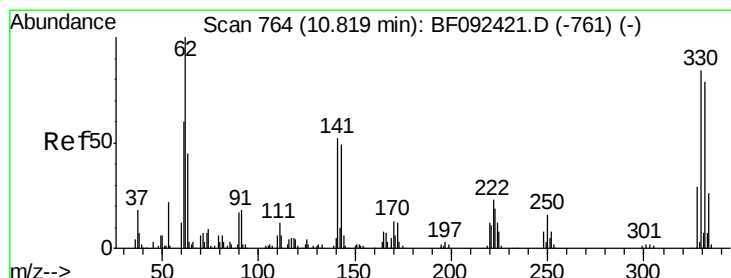
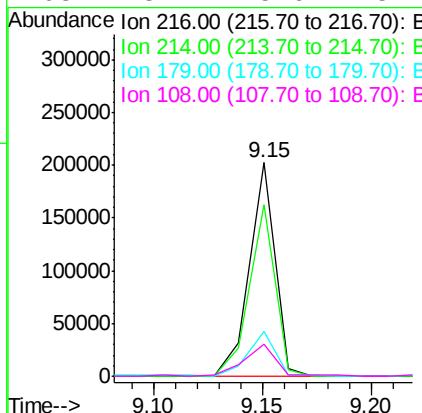
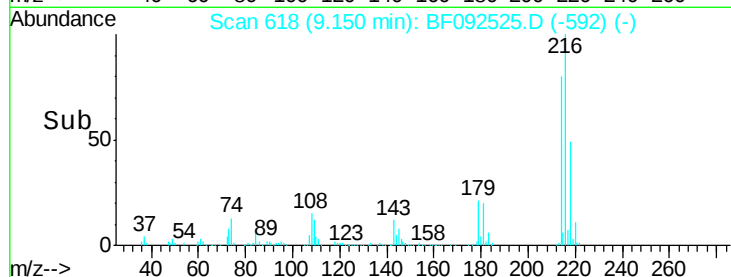
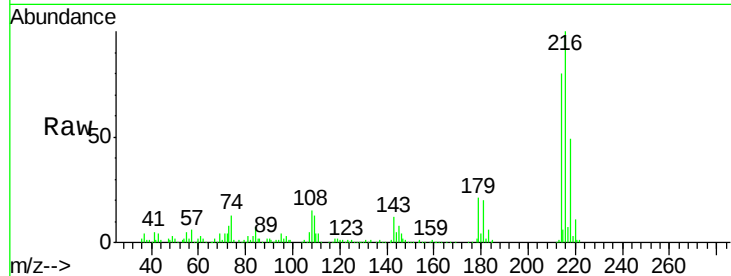
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		165911		
214	80.5		63.4	95.0	
179	22.9		17.4	26.2	
108	18.1		15.6	23.4	

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 73.15 ng

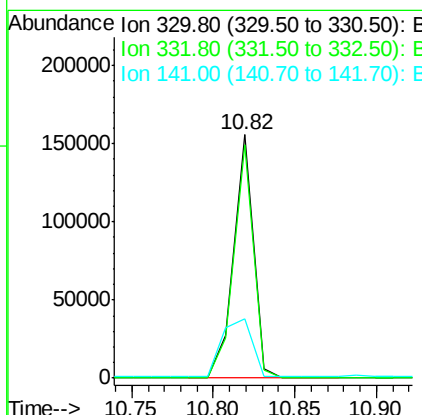
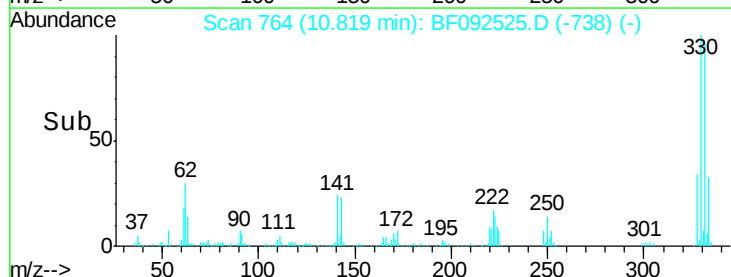
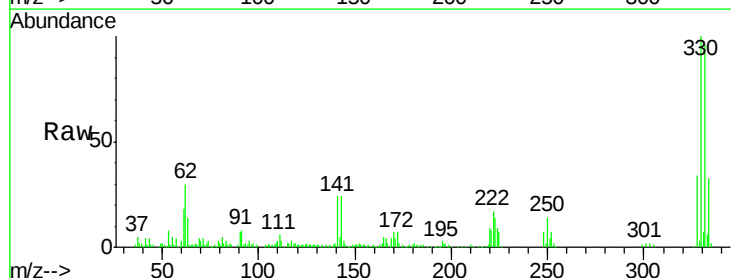
RT: 10.82 min Scan# 764

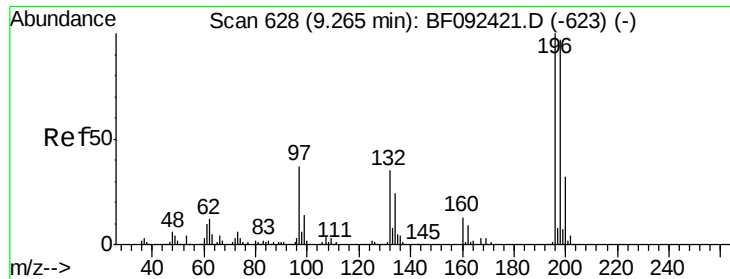
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		130192		
332	95.4		77.4	116.2	
141	37.0		34.1	51.1	





#42

2,4,6-Trichlorophenol

Concen: 19.62 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

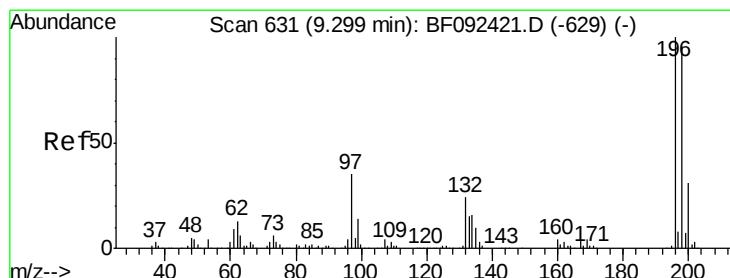
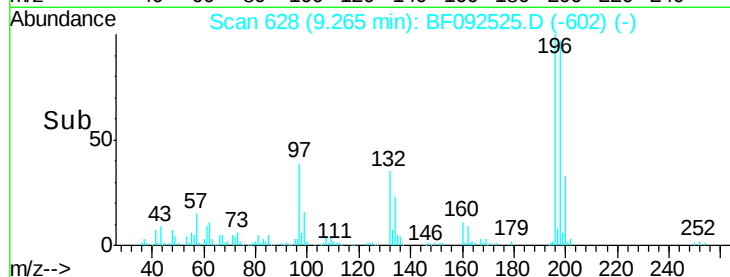
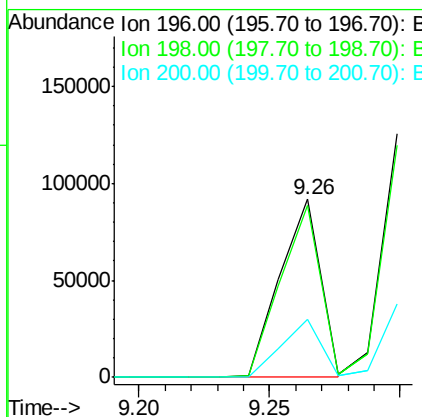
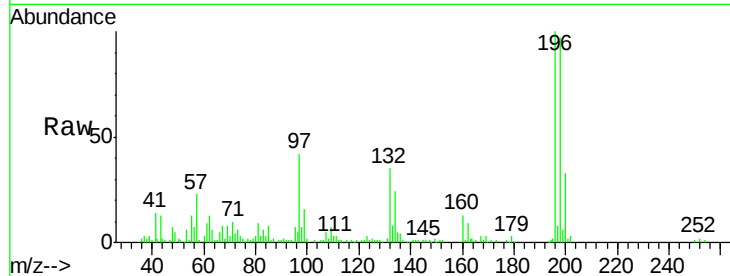
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:196	Resp:	99058
Ion Ratio	Lower	Upper
196	100	
198	96.8	82.1 123.1
200	32.7	27.0 40.4

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 22.31 ng

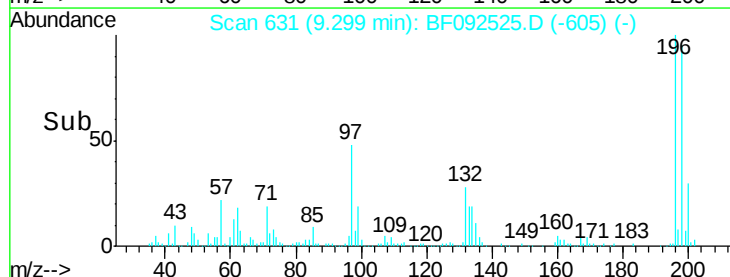
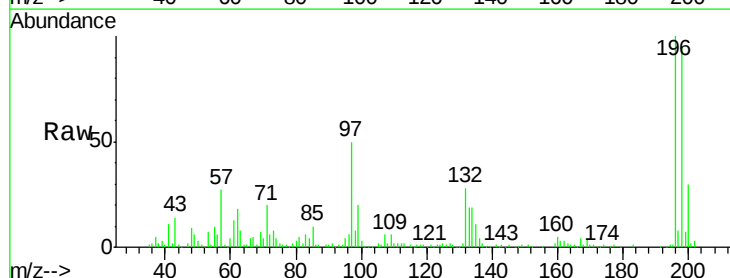
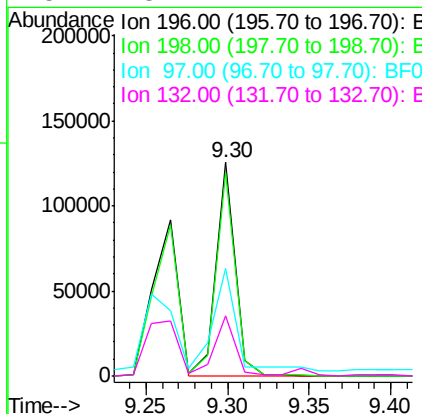
RT: 9.30 min Scan# 631

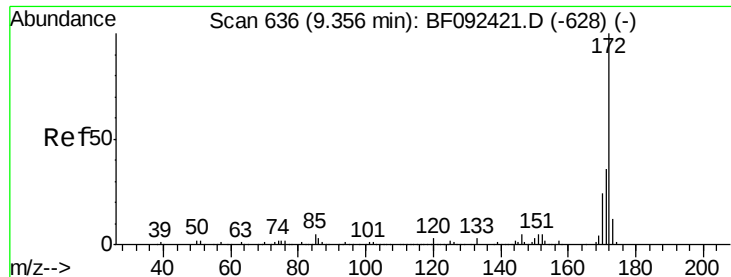
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:196	Resp:	103049
Ion Ratio	Lower	Upper
196	100	
198	95.5	79.4 119.2
97	50.5	51.5 77.3#
132	28.2	27.4 41.2





#44

2-Fluorobiphenyl

Concen: 50.51 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

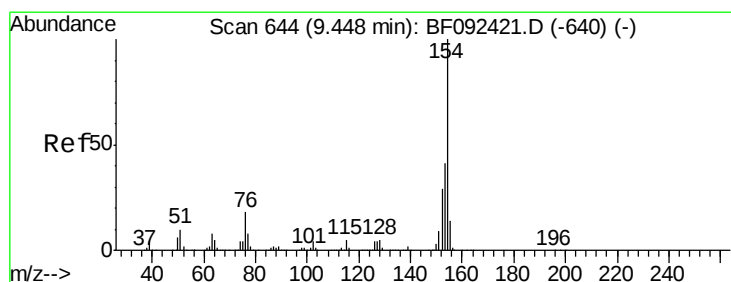
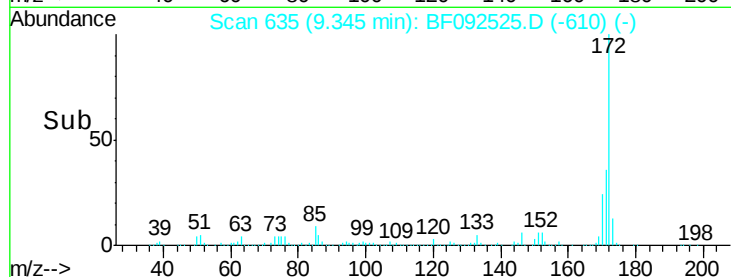
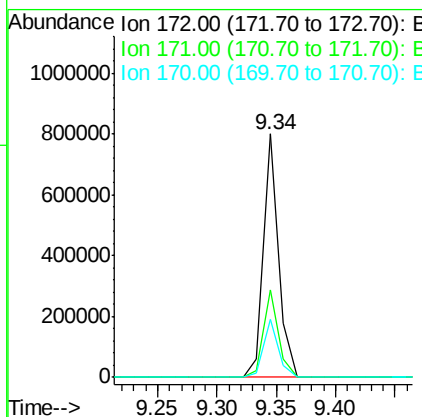
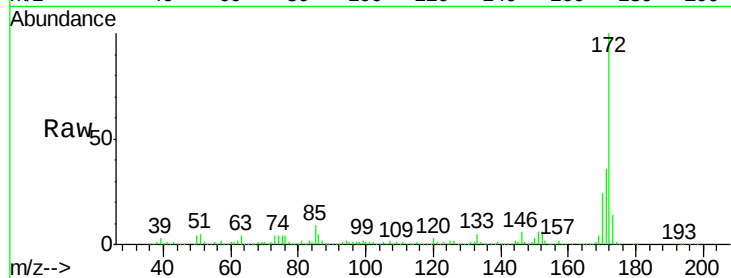
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	172	Resp:	713413
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.0
170	23.7	20.2	30.4

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#45

1,1'-Biphenyl

Concen: 23.61 ng

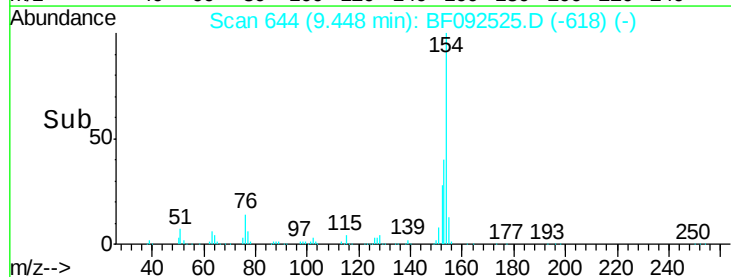
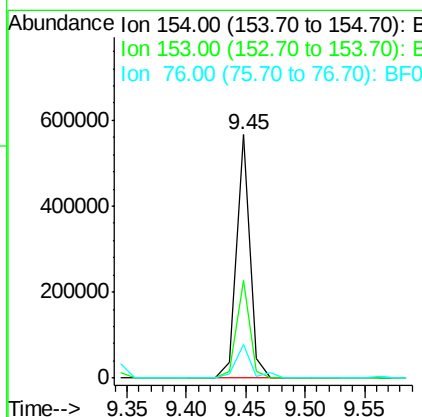
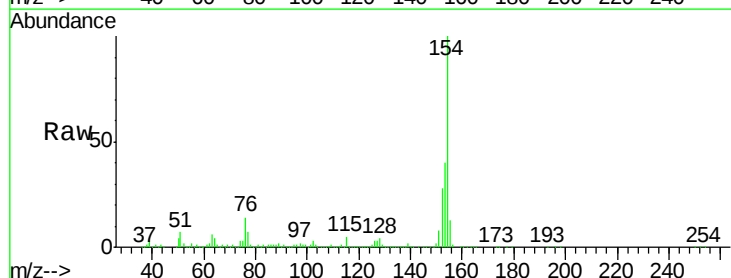
RT: 9.45 min Scan# 644

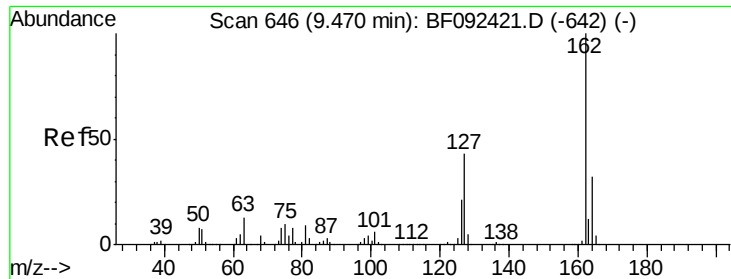
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	154	Resp:	445728
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.9	60.9
76	14.1	0.0	30.5





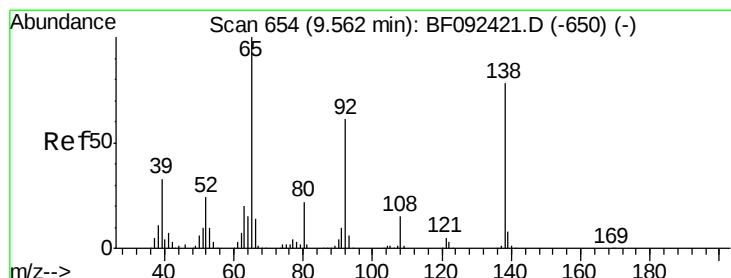
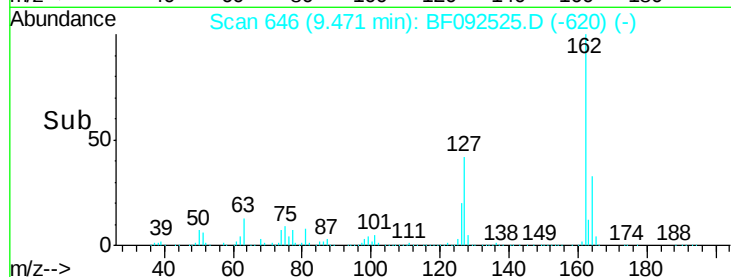
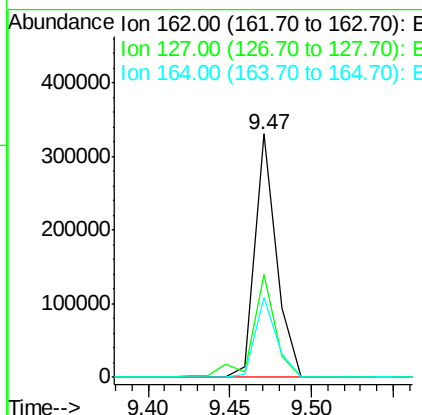
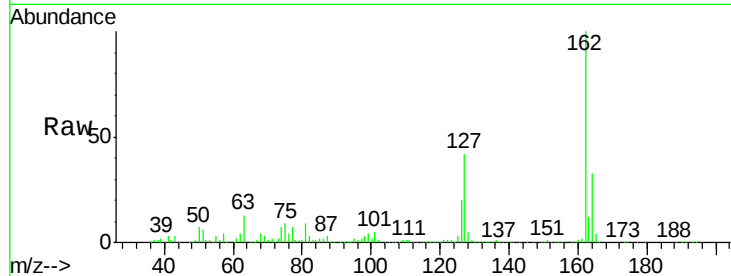
#46
2-Chloronaphthalene
Concen: 19.67 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	30.7	46.1
164	32.6	27.6	41.4

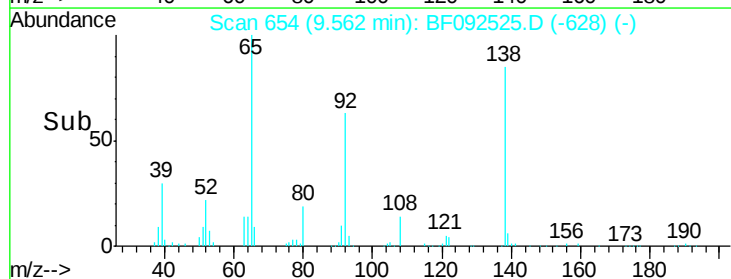
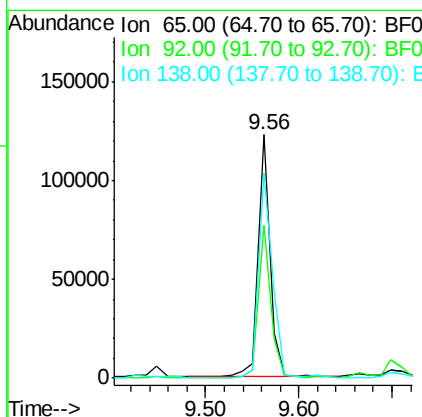
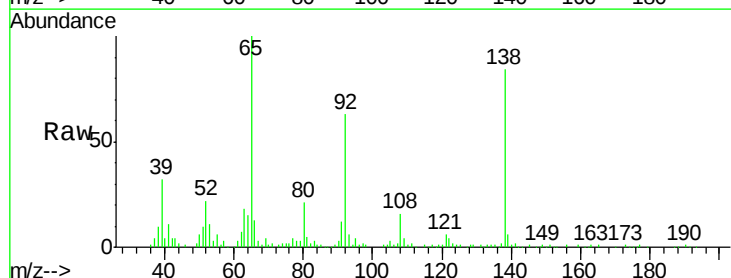
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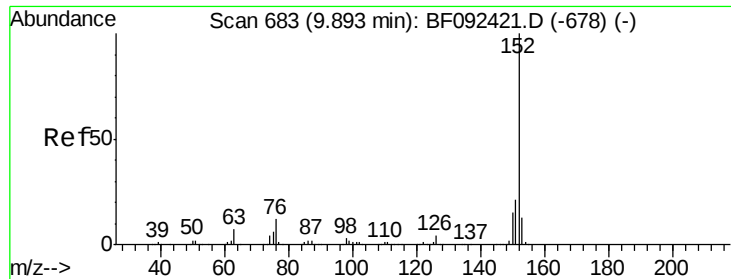
mohammad
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#47
2-Nitroaniline
Concen: 20.73 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	84.3	76.8	115.2





#48

Acenaphthylene

Concen: 22.07 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

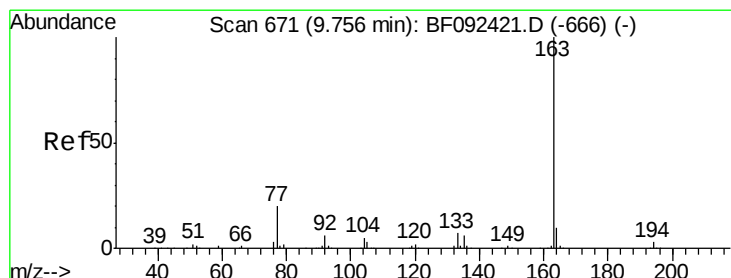
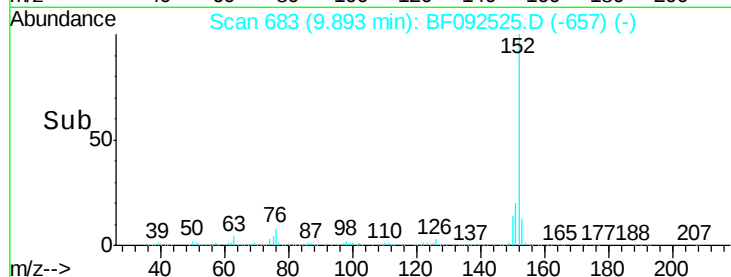
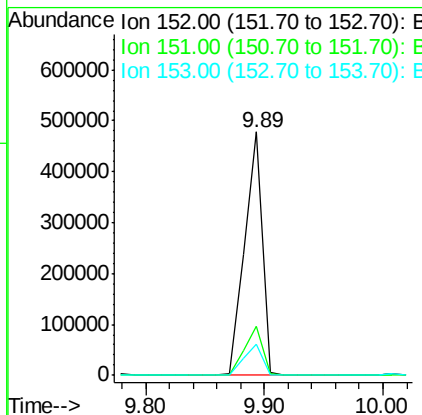
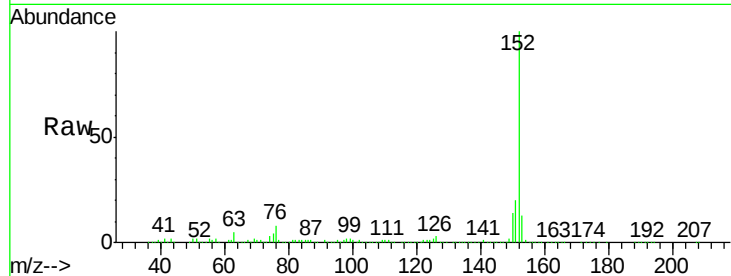
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	152	Resp:	499051
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.9	25.3
153	12.8	11.4	17.2

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#49

Dimethylphthalate

Concen: 26.67 ng

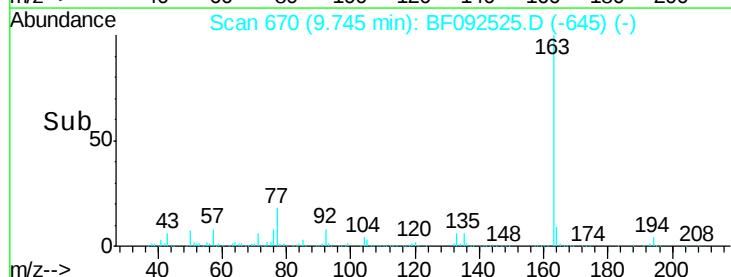
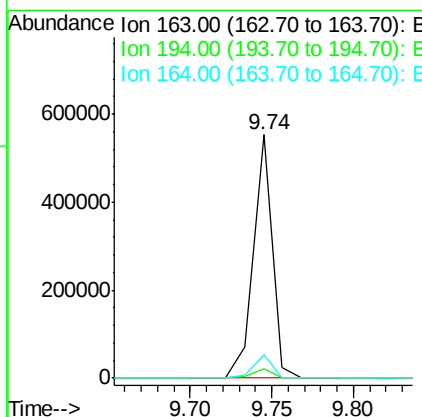
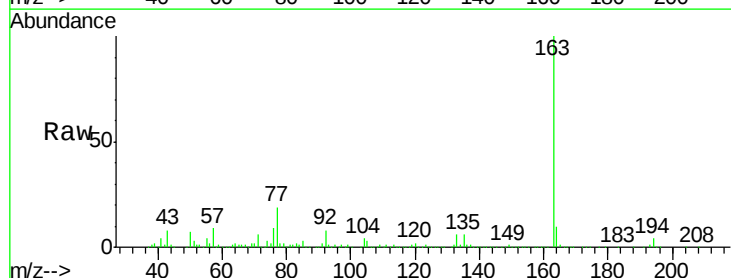
RT: 9.74 min Scan# 670

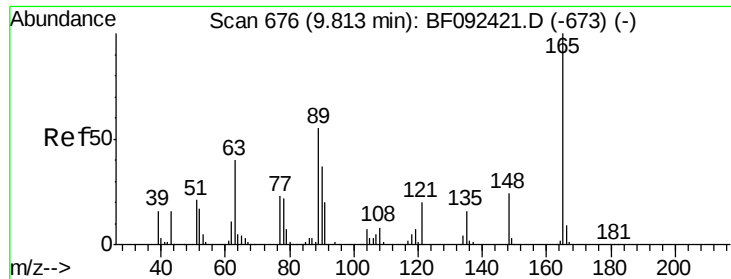
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	163	Resp:	442975
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.4
164	9.8	8.0	12.0





#50

2,6-Dinitrotoluene

Concen: 15.52 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:165 Resp: 52688

Ion Ratio Lower Upper

165 100

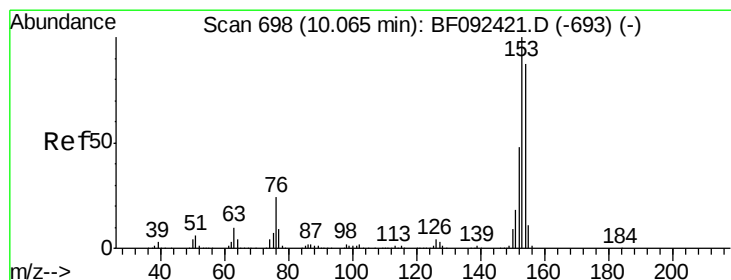
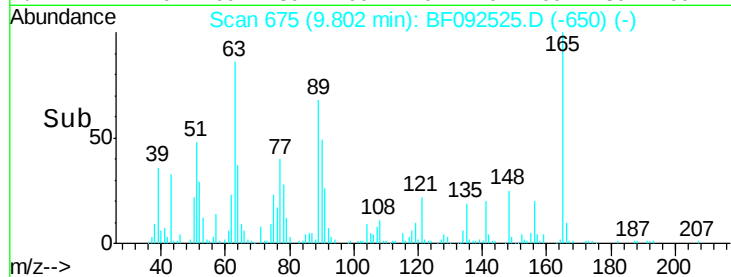
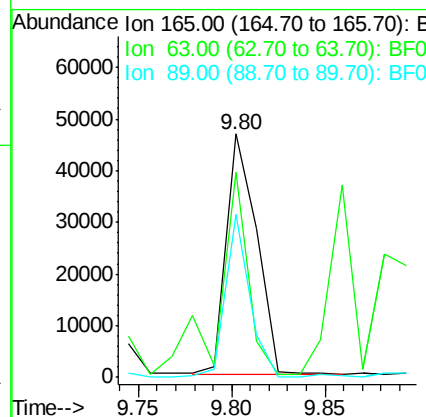
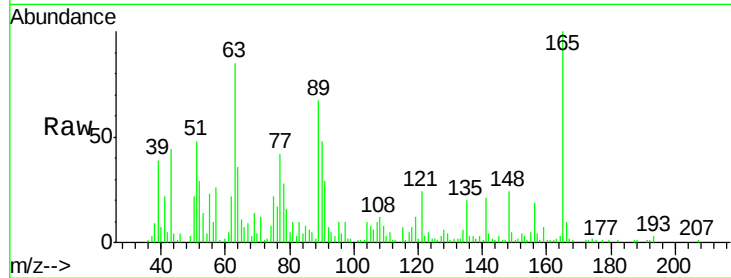
63 84.5 36.2 54.4#

89 66.9 40.2 60.4#

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#51

Acenaphthene

Concen: 20.83 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

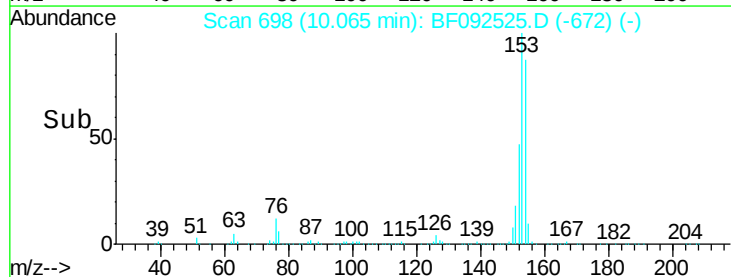
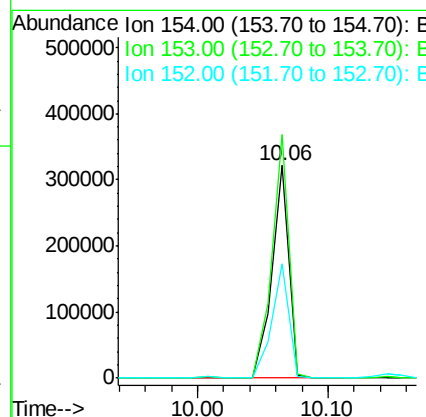
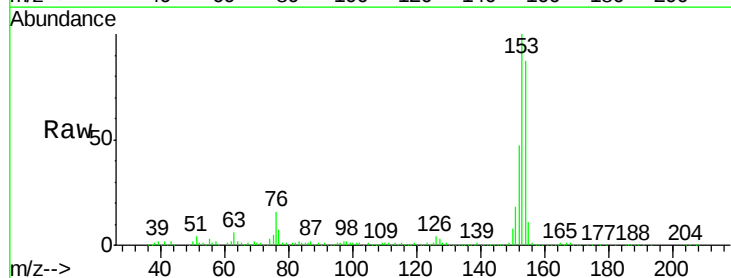
Tgt Ion:154 Resp: 292766

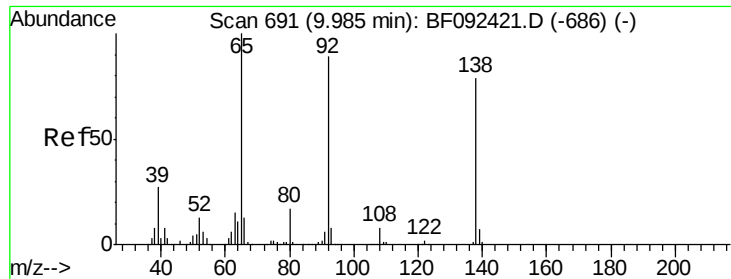
Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

152 53.8 41.6 62.4





#52

3-Nitroaniline

Concen: 20.23 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

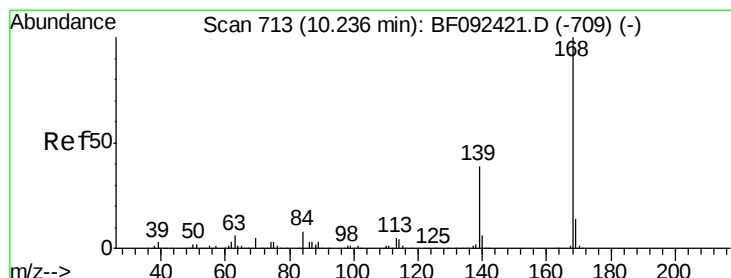
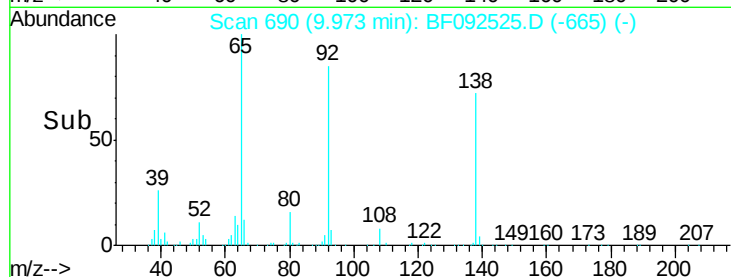
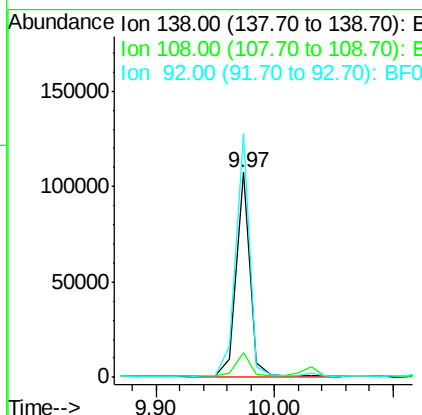
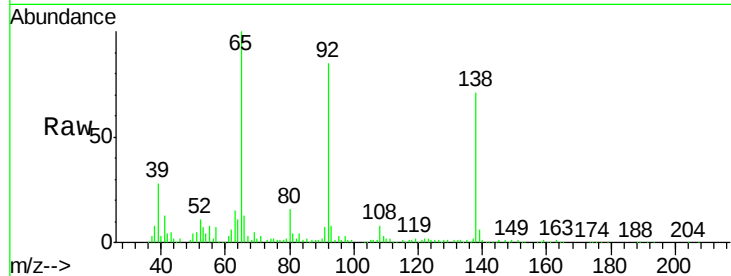
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	138	Resp:	86007
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.5	12.7
92	118.8	97.8	146.8

Manual Integrations
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#54

Dibenzofuran

Concen: 22.87 ng

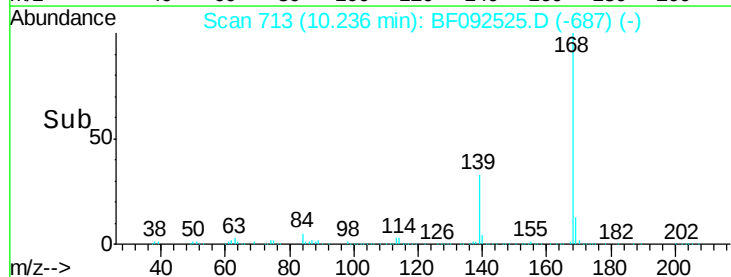
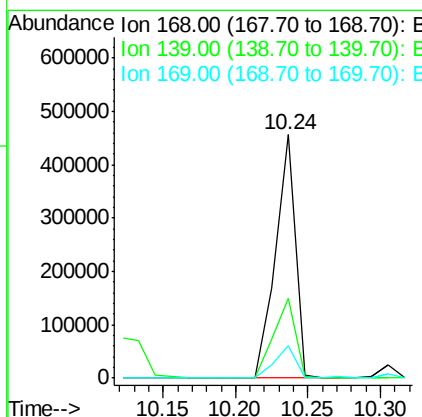
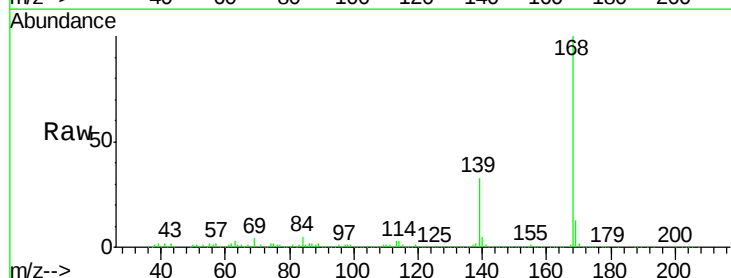
RT: 10.24 min Scan# 713

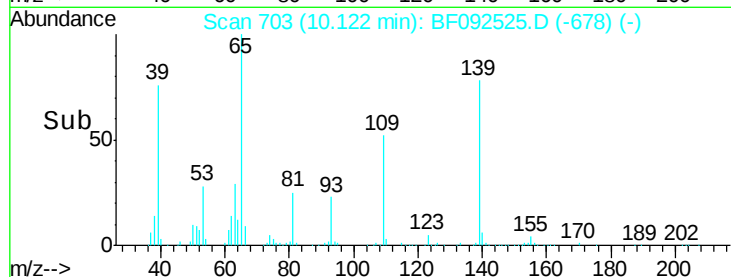
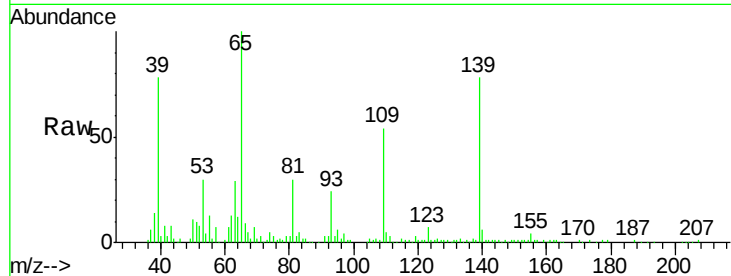
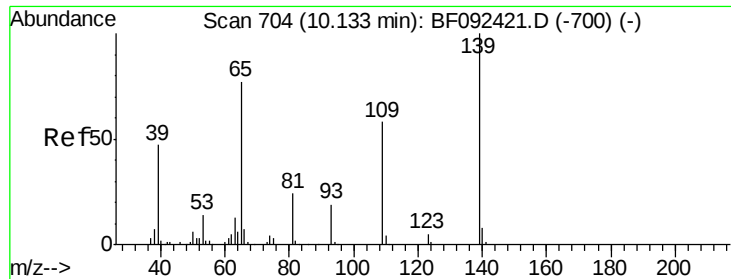
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	168	Resp:	436346
Ion Ratio	Lower	Upper	
168	100		
139	33.0	32.6	49.0
169	13.2	11.3	16.9





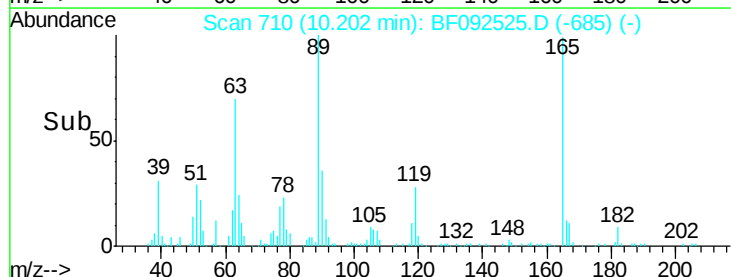
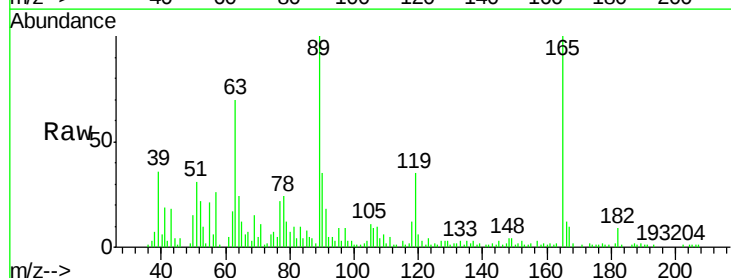
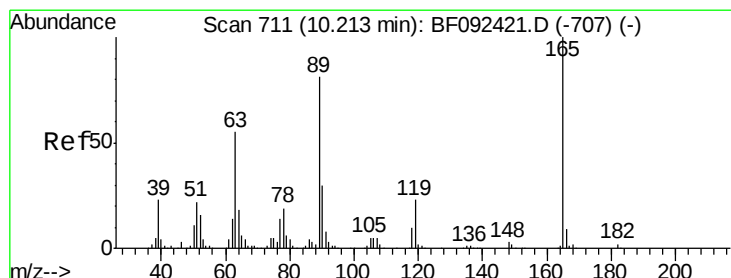
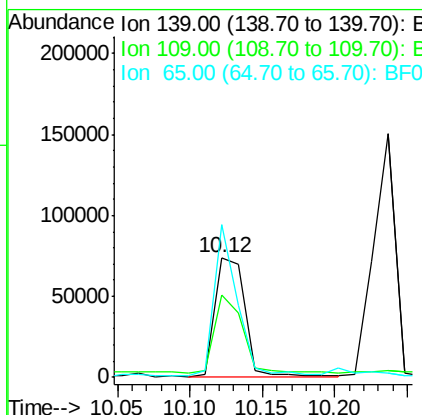
#55
4-Nitrophenol
Concen: 31.07 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.7	52.2	92.2	
65	127.6	85.8	125.8	

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

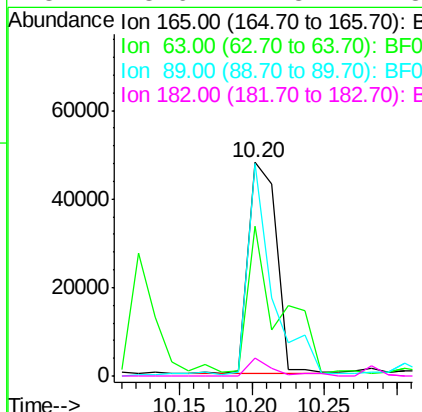
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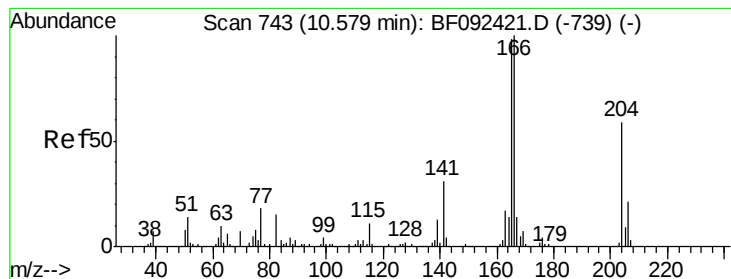
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#56
2,4-Dinitrotoluene
Concen: 14.09 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.9	40.2	60.4	
89	99.5	62.5	93.7	
182	8.6	1.8	2.8	





#57

Fluorene

Concen: 23.50 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

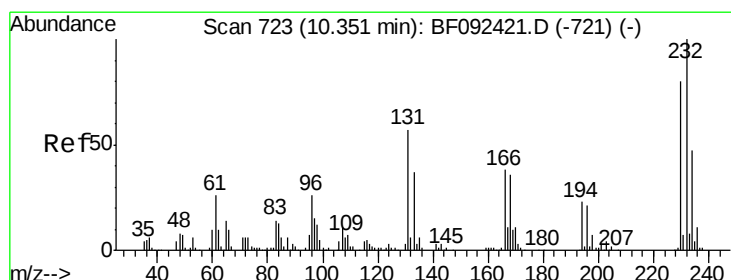
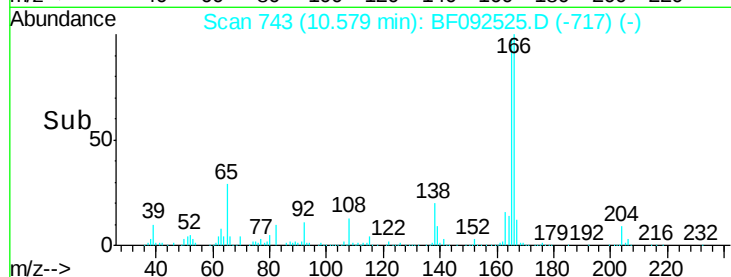
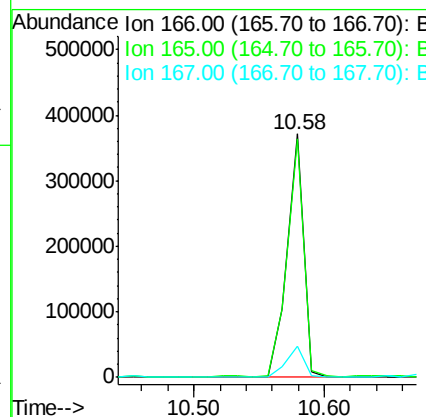
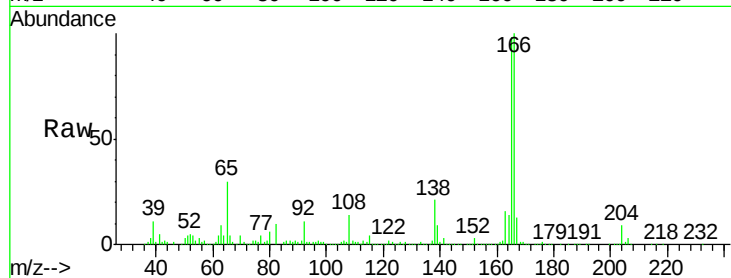
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	166	Resp:	332603
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.8
167	12.7	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 22.94 ng

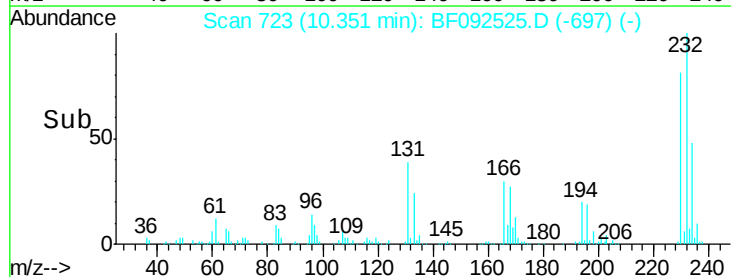
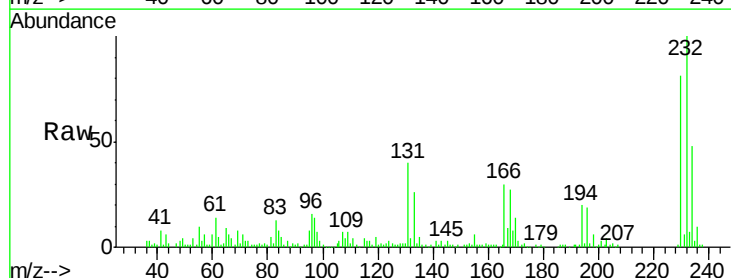
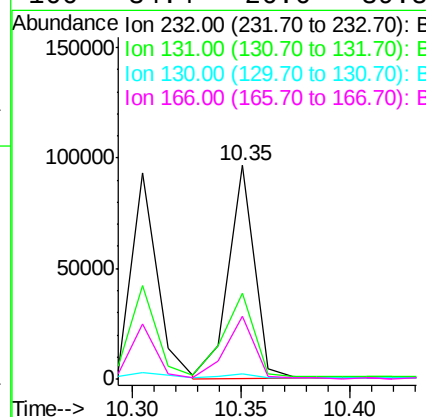
RT: 10.35 min Scan# 723

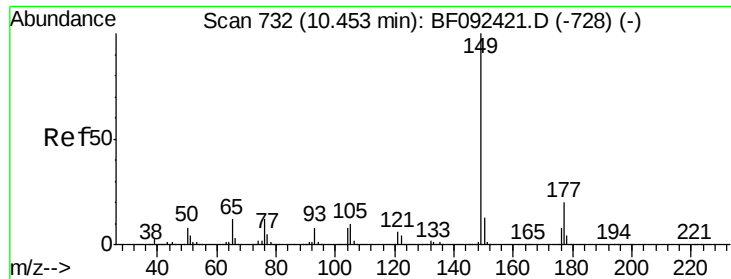
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	232	Resp:	79380
Ion Ratio	Lower	Upper	
232	100		
131	47.7	40.1	60.1
130	2.2	1.8	2.8
166	34.4	26.6	39.8





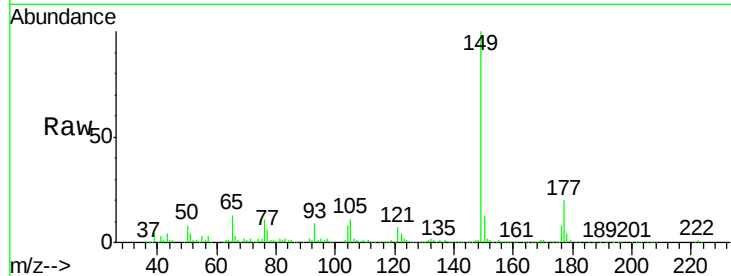
#59
Diethylphthalate
Concen: 21.06 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

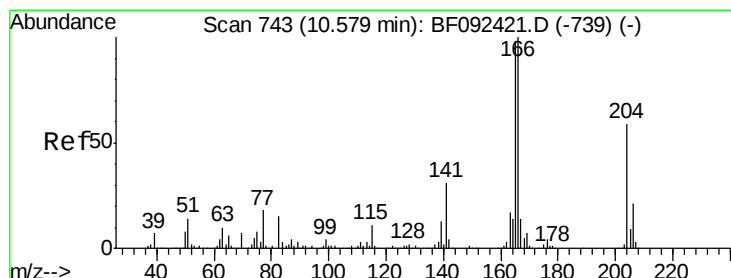
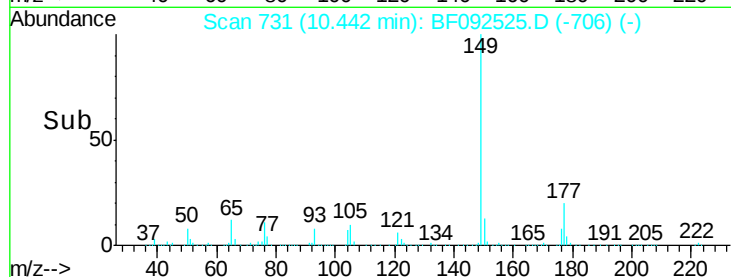
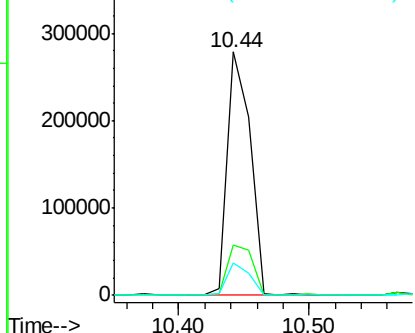
Tot Ion	Ratio	Resp	Lower	Upper
149	100	335390		
177	20.4	16.6	25.0	
150	13.5	10.4	15.6	

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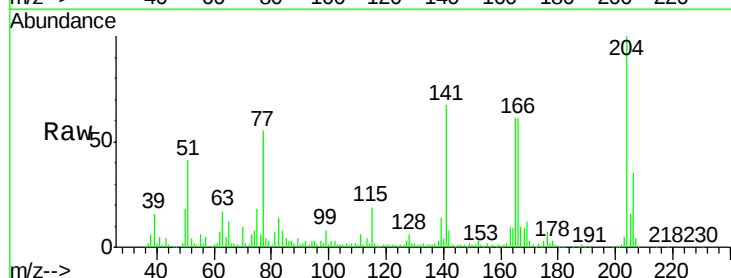


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

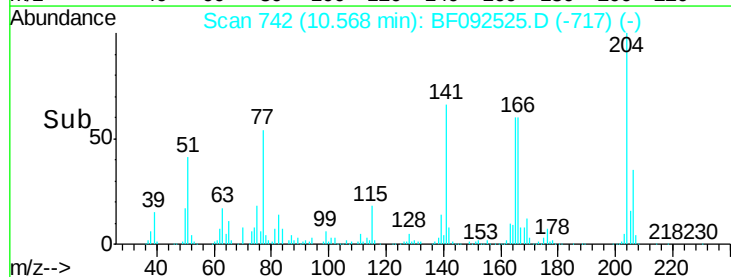
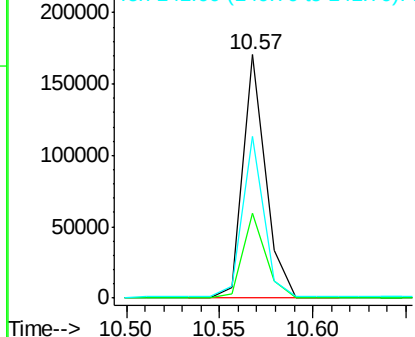


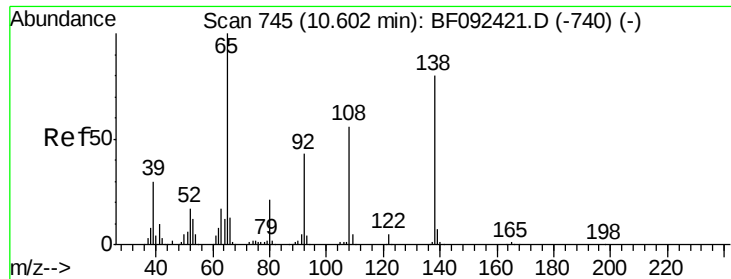
#60
4-Chlorophenyl-phenylether
Concen: 21.17 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	145308		
206	35.0	25.8	38.6	
141	66.5	59.4	89.0	



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





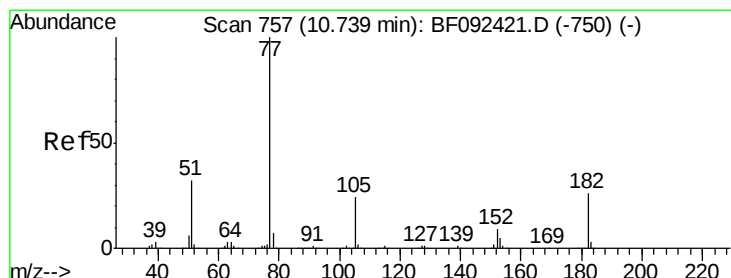
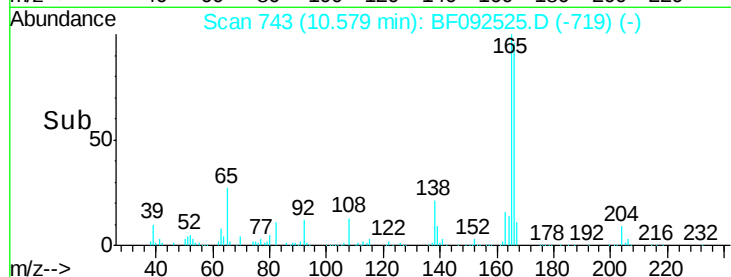
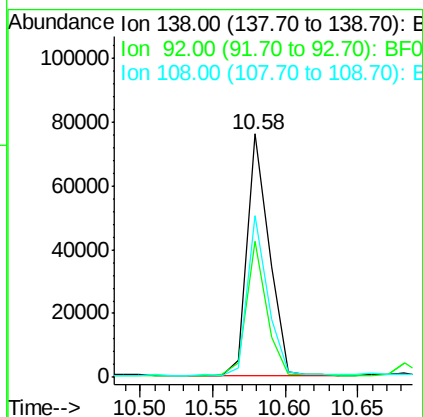
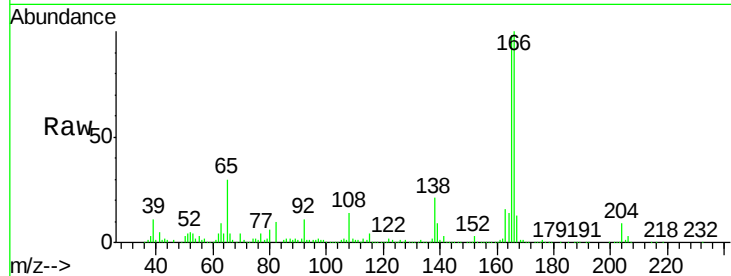
#61
4-Nitroaniline
Concen: 18.86 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	31.7	71.7
108	66.4	52.6	92.6

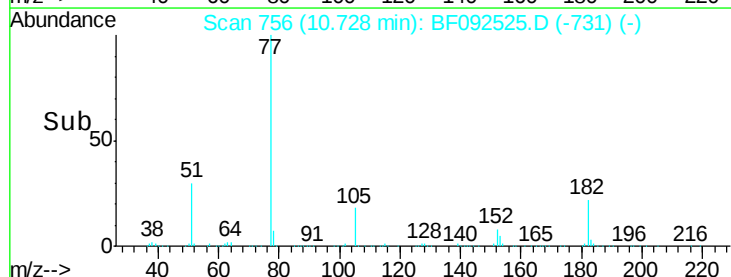
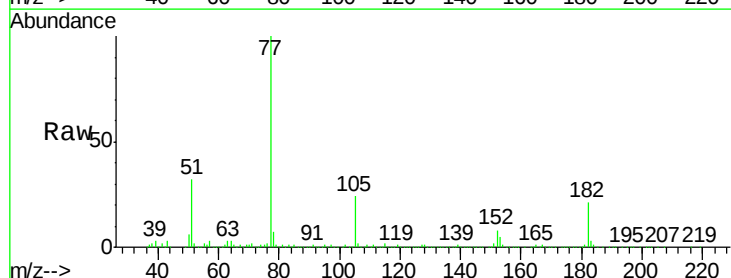
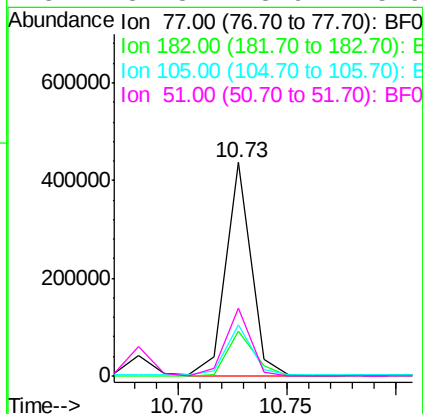
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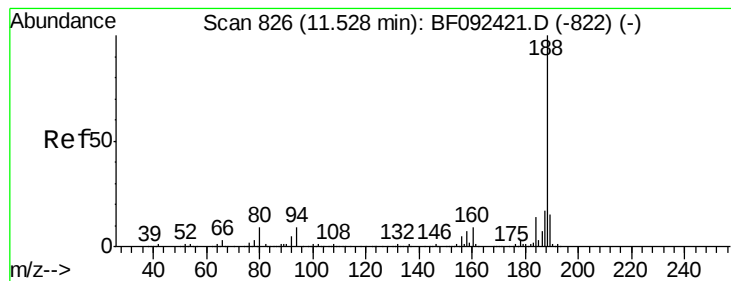
mohammad
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#62
Azobenzene
Concen: 19.22 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.0	39.3
105	24.1	2.3	42.3
51	31.8	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

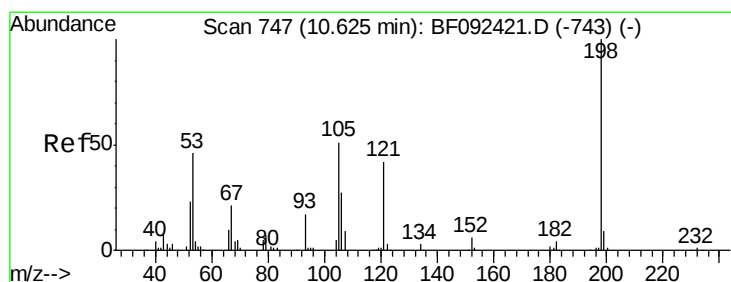
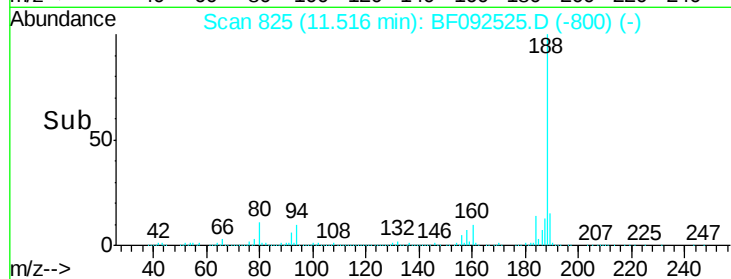
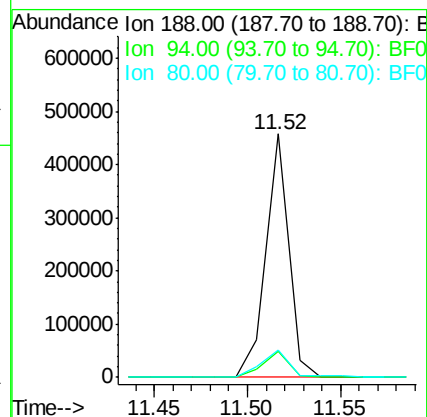
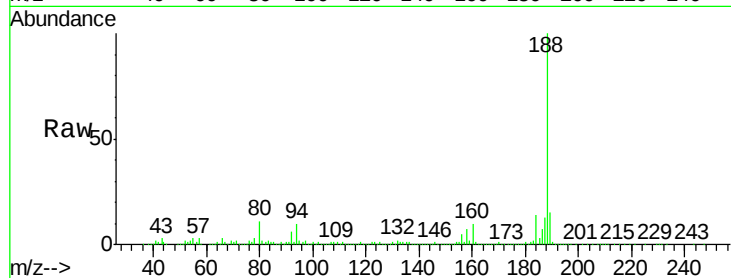
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	188	Resp:	386456
Ion Ratio	Lower	Upper	
188	100		
94	10.5	10.0	15.0
80	11.1	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 5.71 ng m

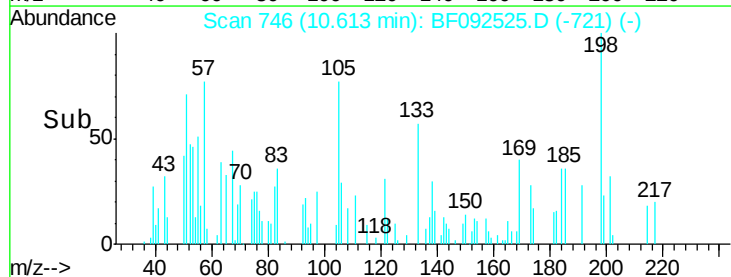
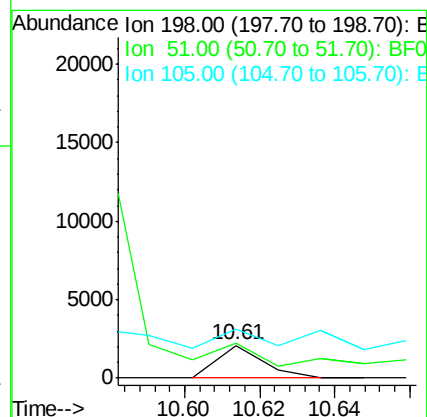
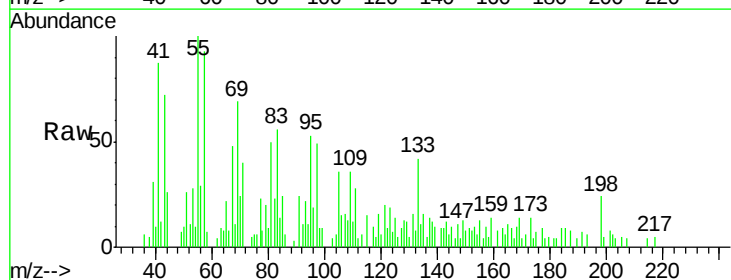
RT: 10.61 min Scan# 746

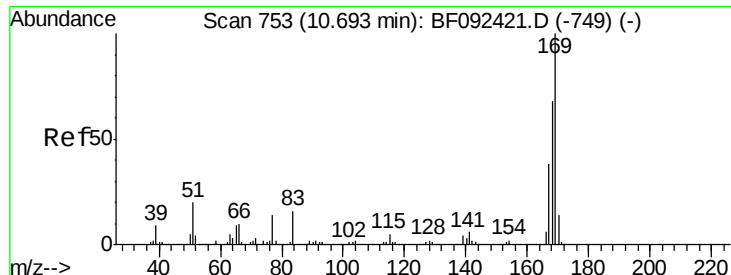
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	198	Resp:	1754
Ion Ratio	Lower	Upper	
198	100		
51	108.4	6.7	46.7#
105	152.5	16.6	56.6#





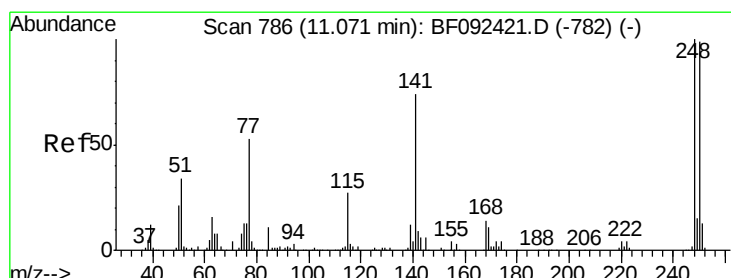
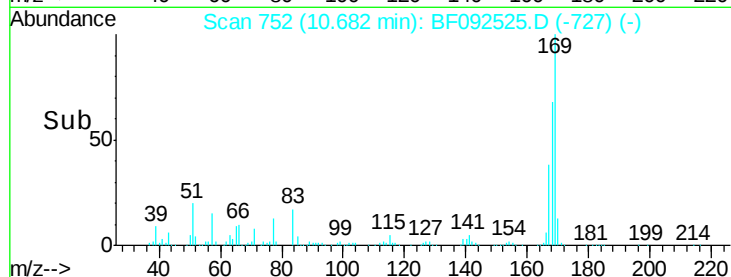
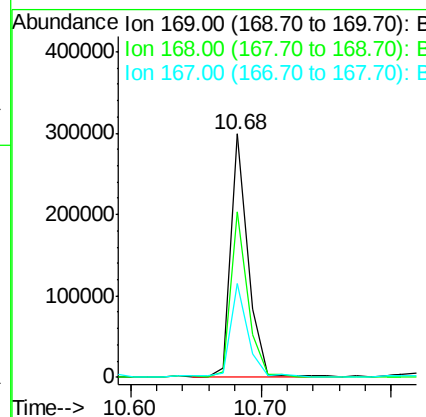
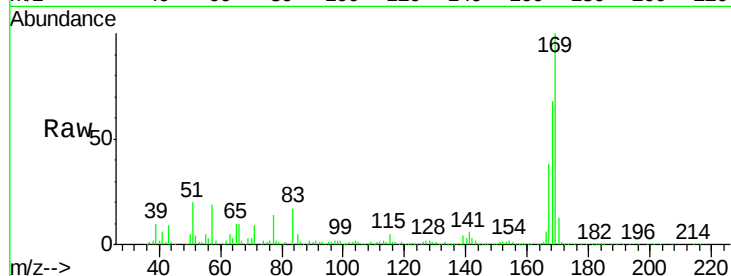
#65
n-Nitrosodiphenylamine
Concen: 22.80 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	275211		
168	67.8		54.2	81.2
167	38.3		30.2	45.4

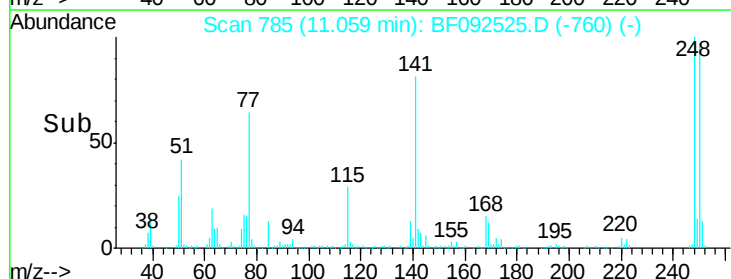
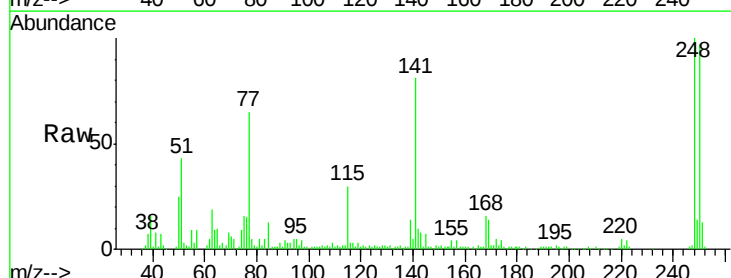
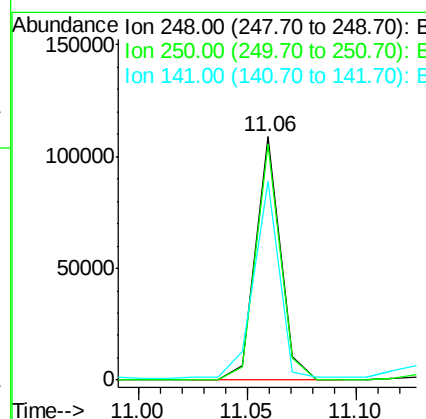
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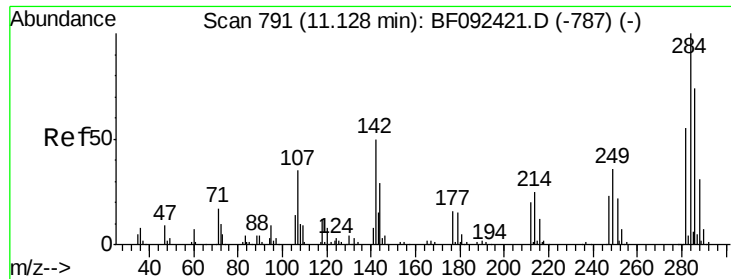
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#66
4-Bromophenyl-phenylether
Concen: 22.15 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86425		
250	96.9		76.9	115.3
141	81.4		68.2	102.4





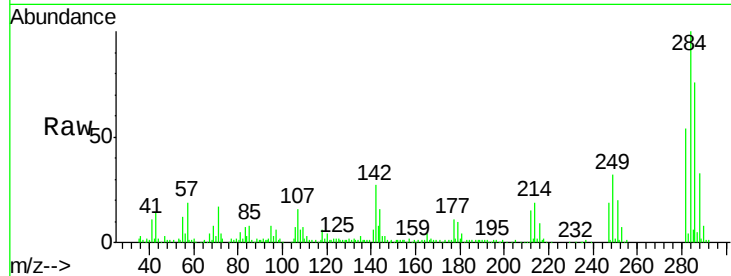
#67
Hexachlorobenzene
Concen: 21.35 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

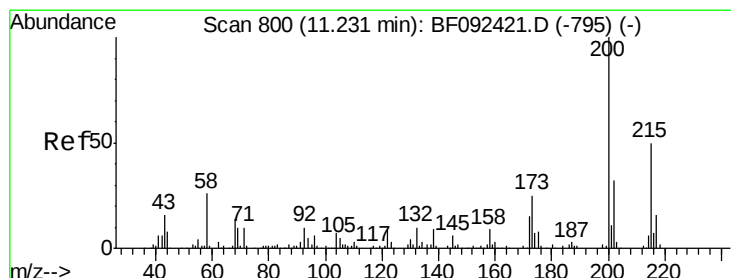
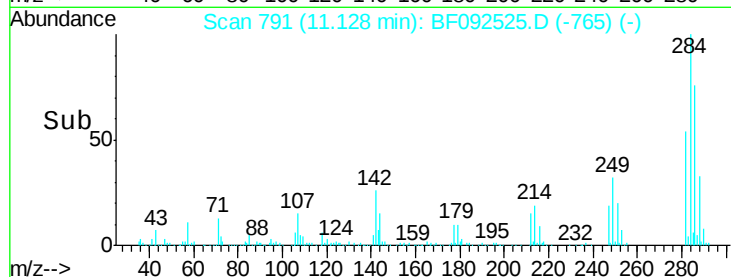
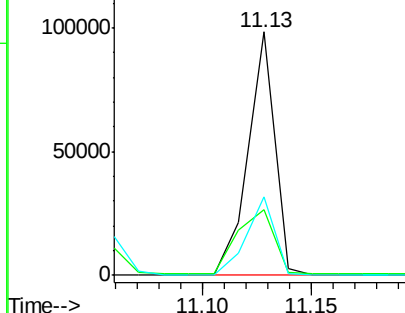
Tot Ion	Ratio	Resp	Lower	Upper
284	100	84198		
142	26.9	22.6	33.8	
249	32.0	25.4	38.0	

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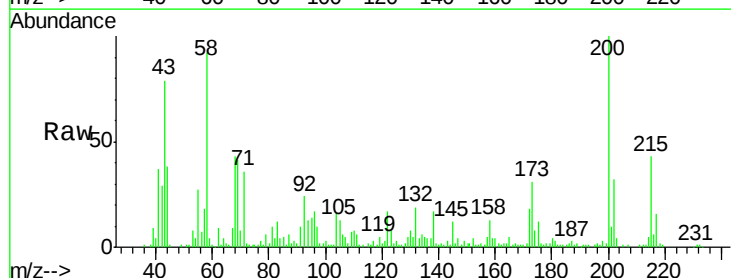


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

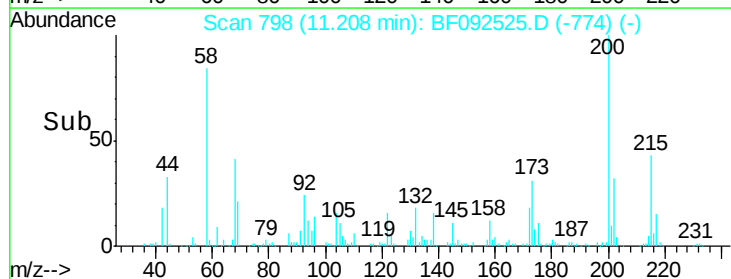
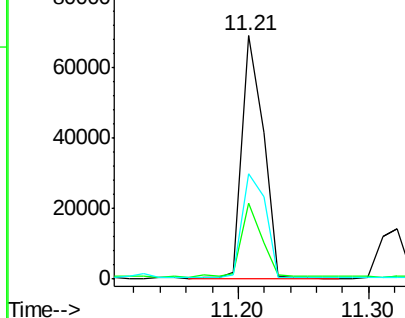


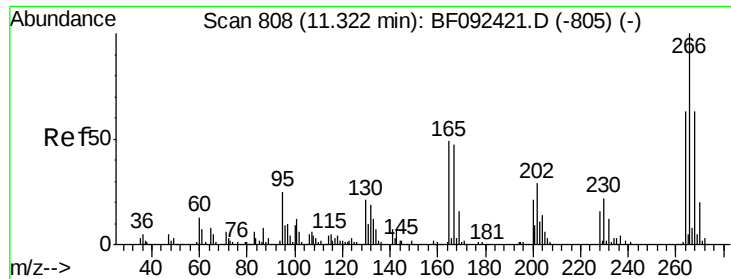
#68
Atrazine
Concen: 19.11 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	78921		
173	31.4	9.6	49.6	
215	43.4	25.7	65.7	



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





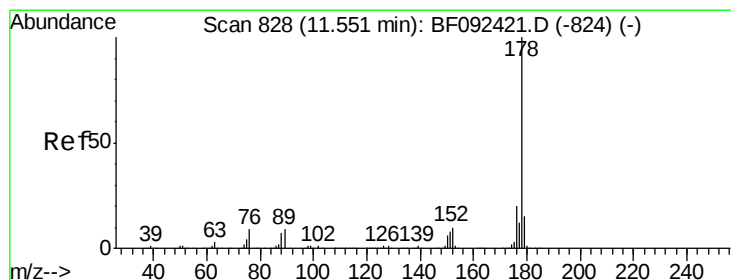
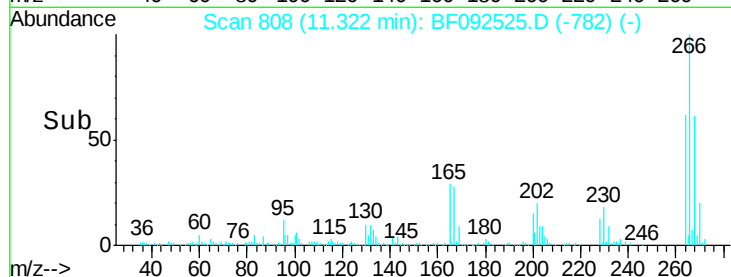
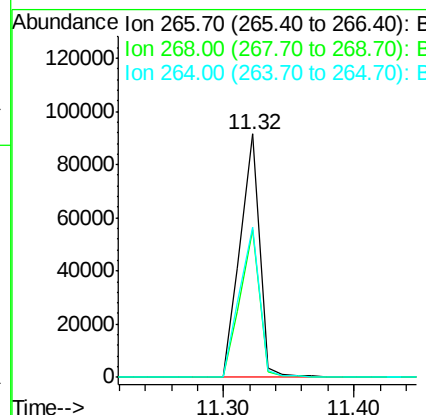
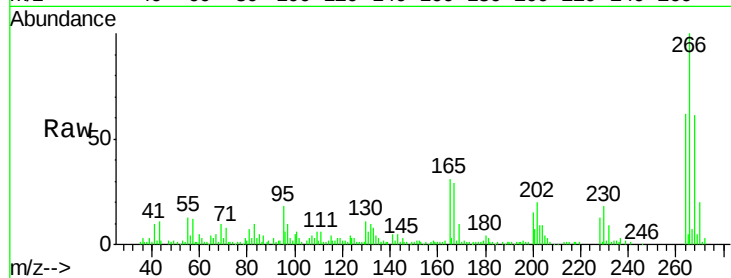
#69
 Pentachlorophenol
 Concen: 37.70 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	53.3	79.9
264	61.7	50.3	75.5

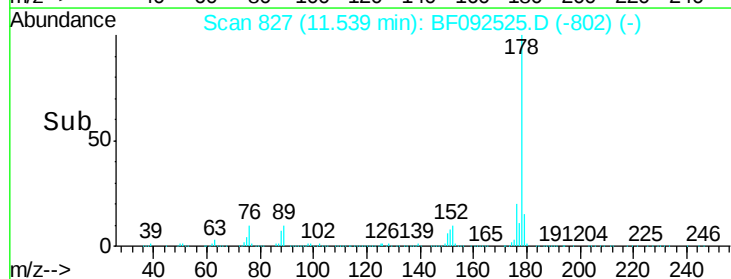
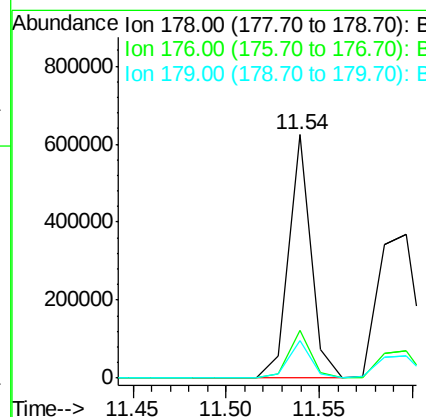
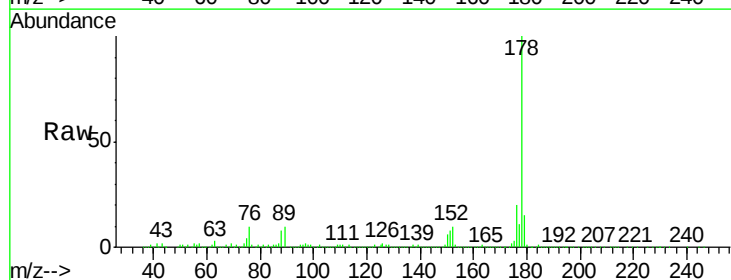
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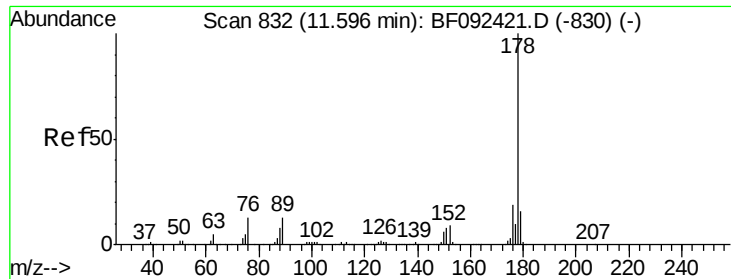
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#70
 Phenanthrene
 Concen: 24.36 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.3	12.8	19.2





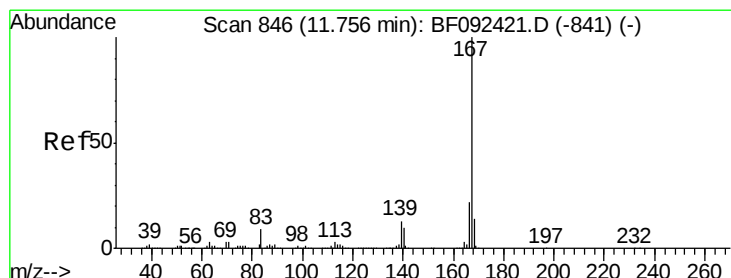
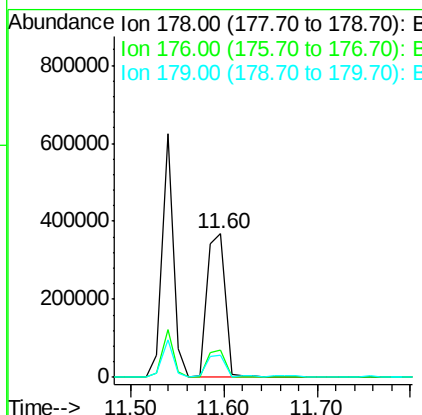
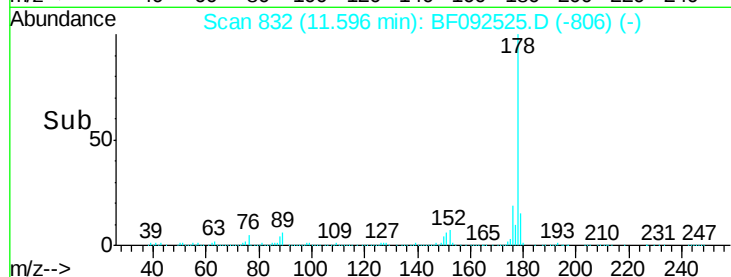
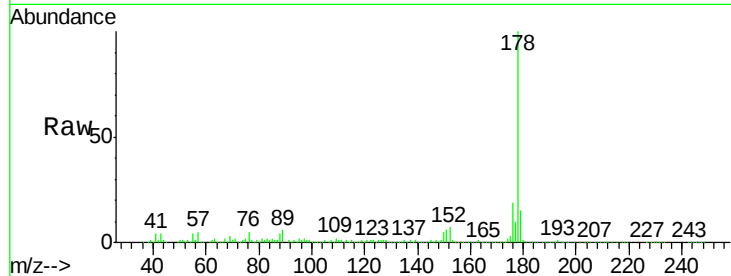
#71
 Anthracene
 Concen: 23.91 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	15.3	13.2	19.8

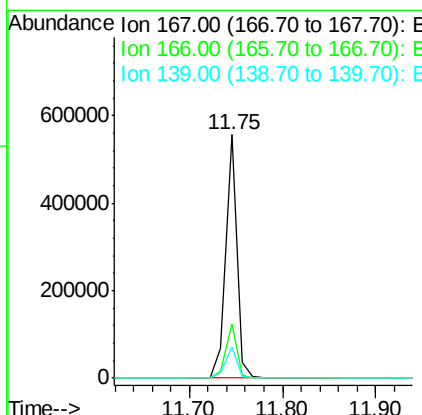
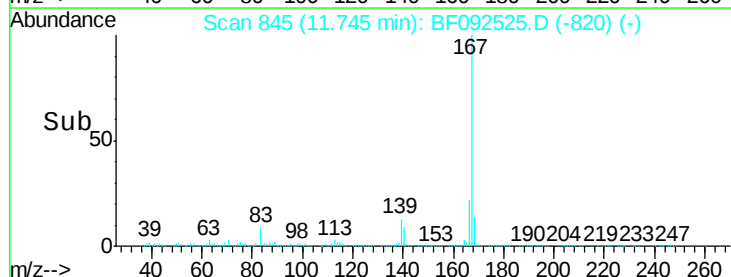
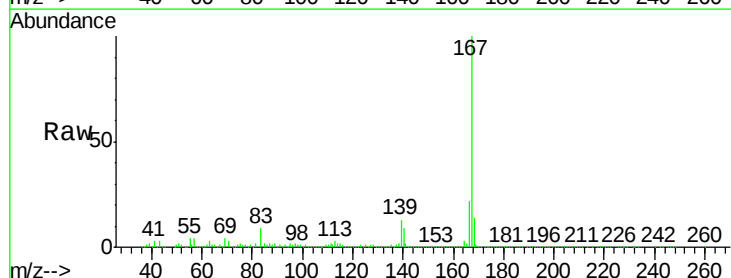
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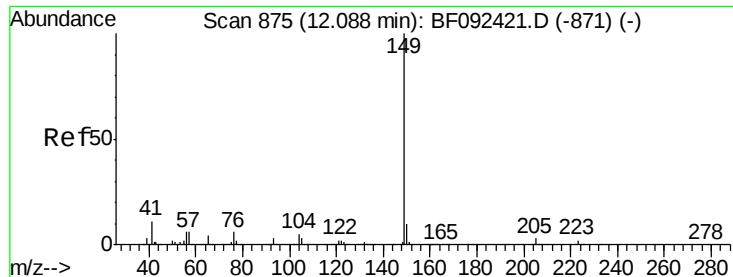
mohammad
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#72
 Carbazole
 Concen: 23.05 ng
 RT: 11.75 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092525.D
 Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	12.9	11.4	17.2





#73

Di-n-butylphthalate

Concen: 23.33 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

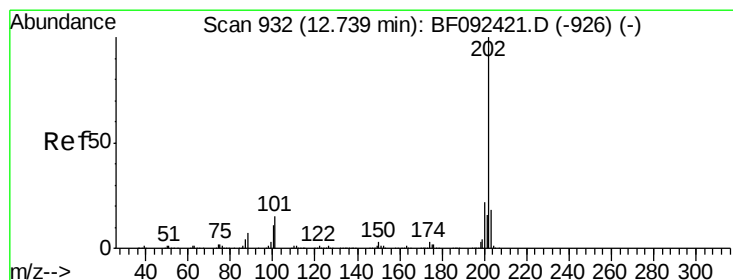
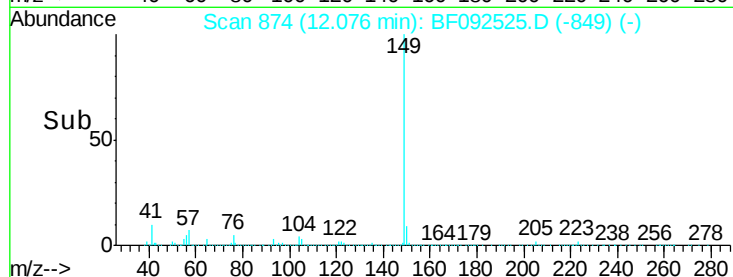
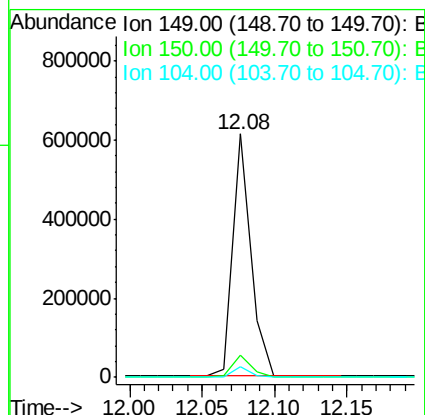
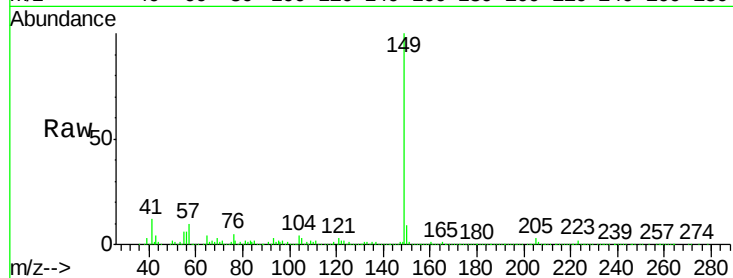
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	149	Resp:	529789
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.1	12.1
104	4.4	4.6	7.0#

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#74

Fluoranthene

Concen: 26.89 ng

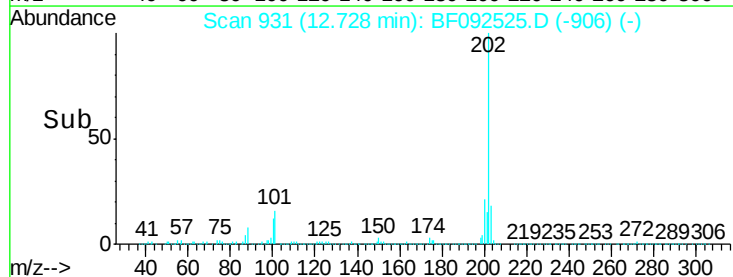
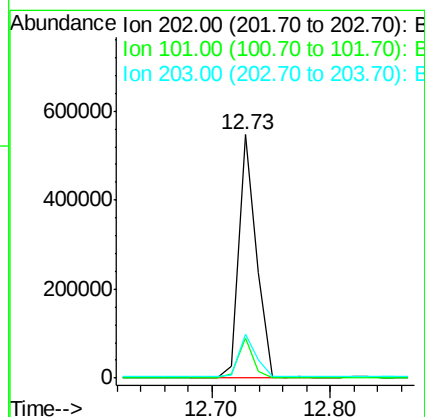
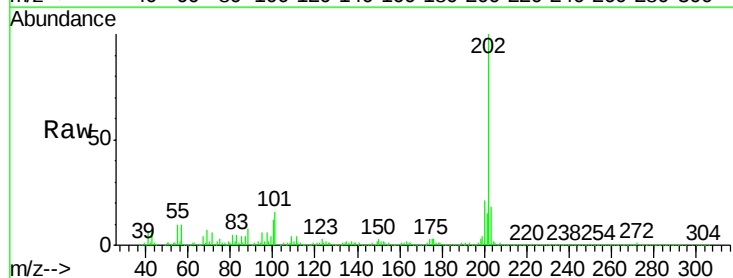
RT: 12.73 min Scan# 931

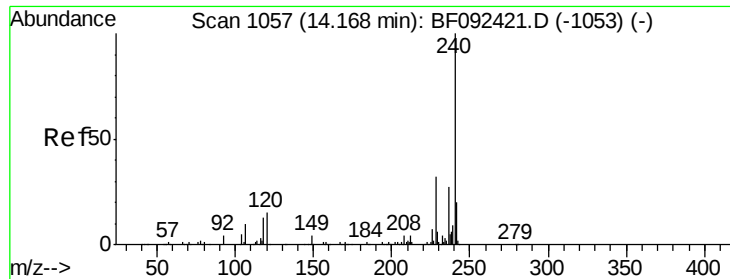
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	202	Resp:	559849
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	34.6
203	18.3	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: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

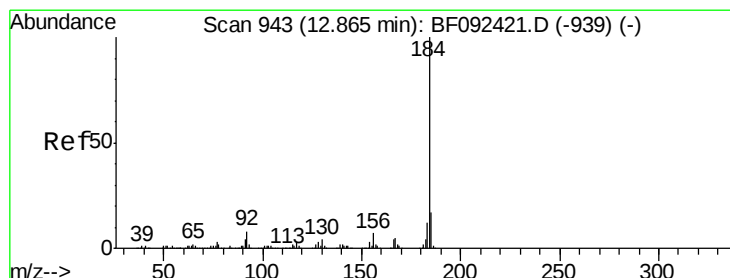
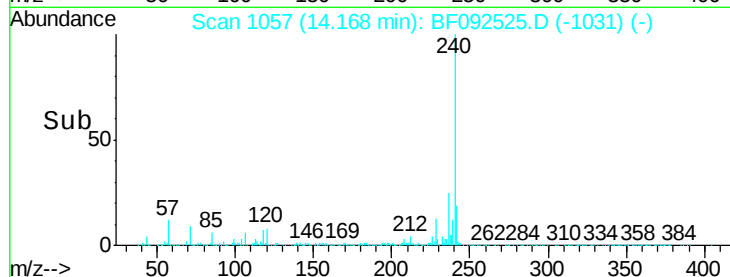
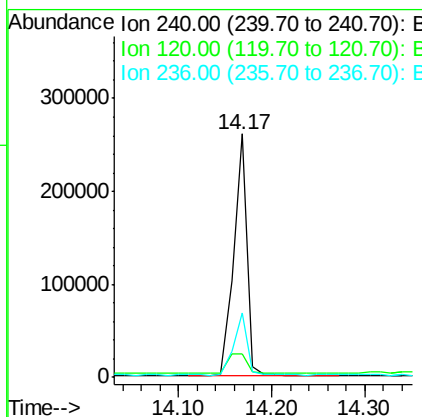
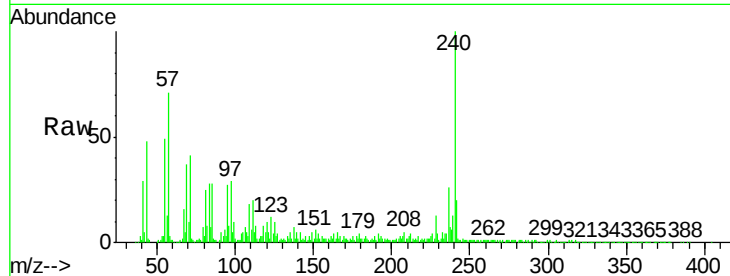
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	240	Resp:	263209
Ion Ratio	Lower	Upper	
240	100		
120	9.6	12.9	19.3#
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 2.08 ng

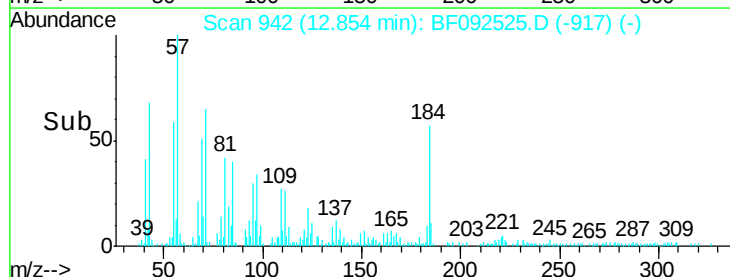
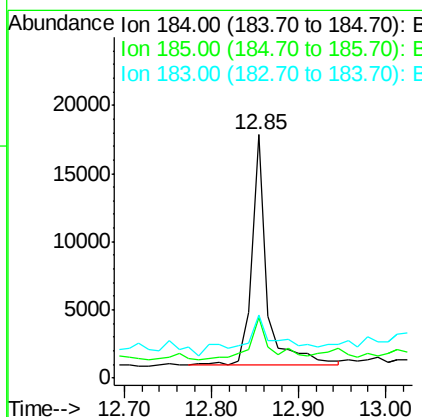
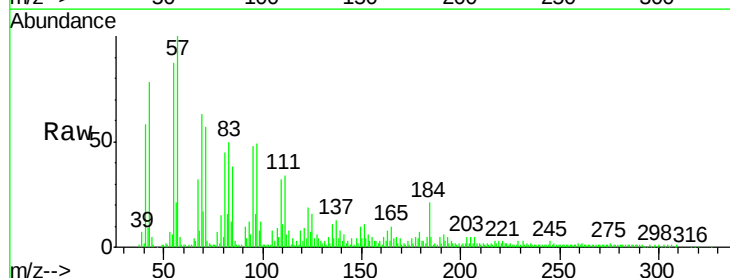
RT: 12.85 min Scan# 942

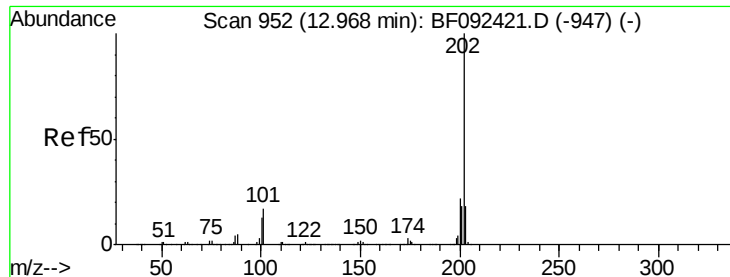
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	184	Resp:	20294
Ion Ratio	Lower	Upper	
184	100		
185	25.0	13.4	20.0#
183	25.9	9.2	13.8#





#77

Pvrene

Concen: 29.08 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

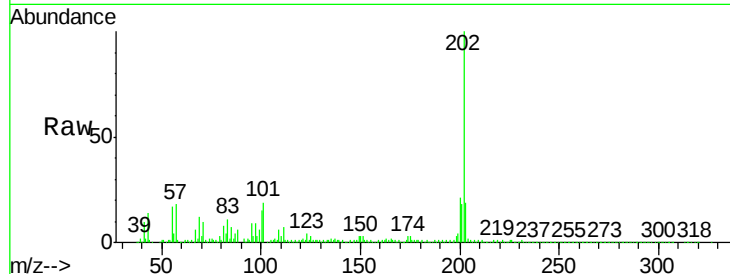
ClientSampleId :

CAS-SB-01-0-2MS

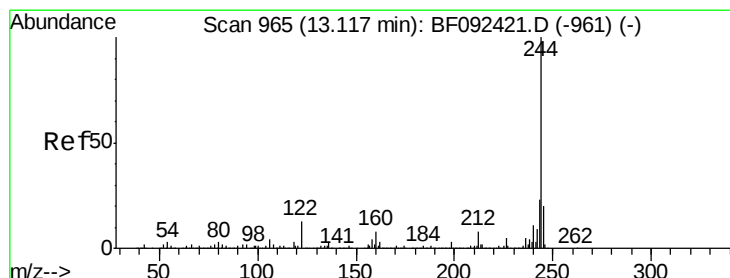
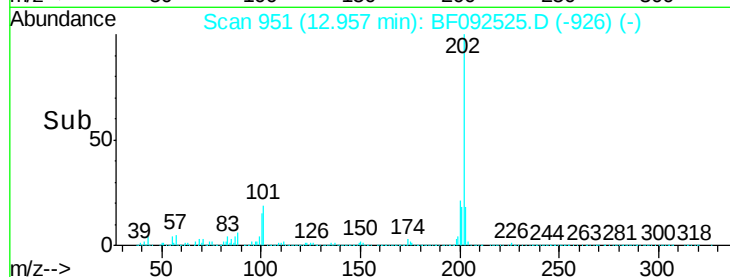
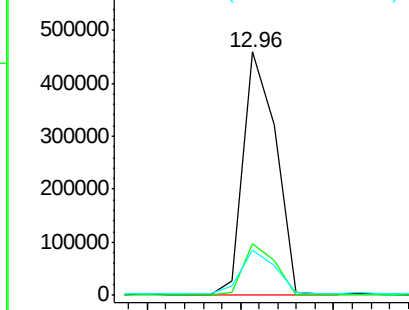
Tot Ion:	202	Resp:	554613
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	18.5	14.7	22.1

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



#78

Terphenyl-d14

Concen: 58.66 ng

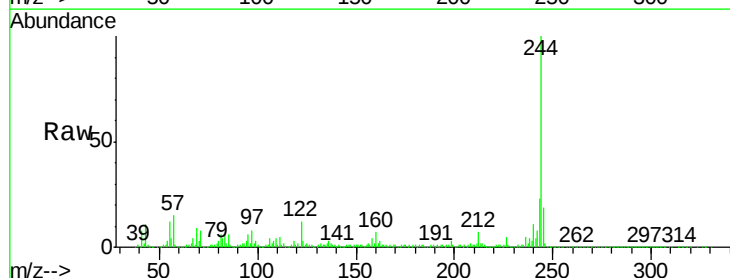
RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

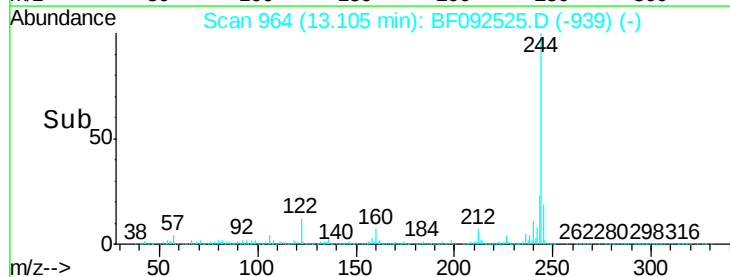
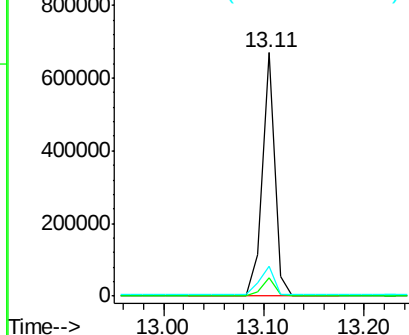
Lab File: BF092525.D

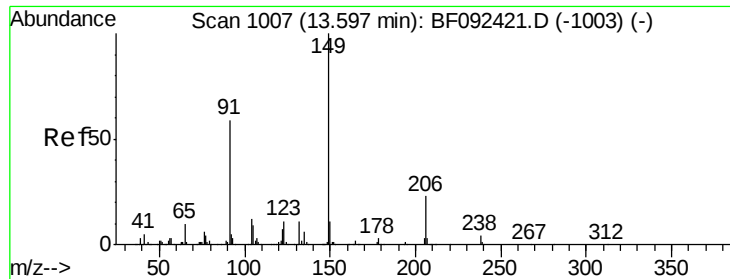
Acq: 26 Jan 2017 15:00

Tgt Ion:	244	Resp:	579778
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	12.1	11.4	17.2



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





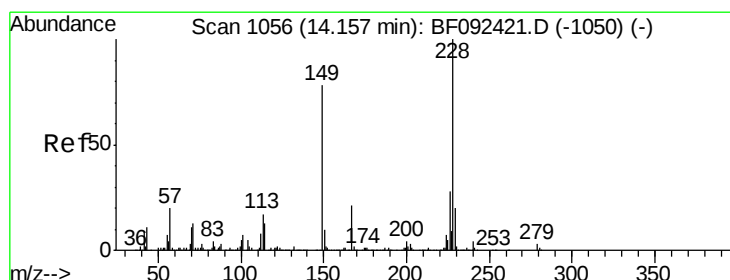
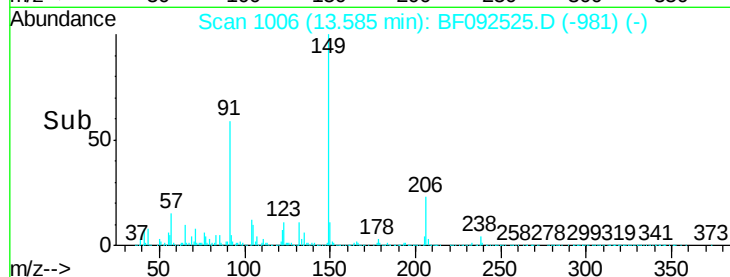
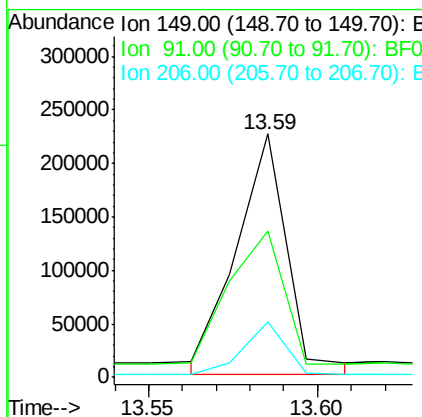
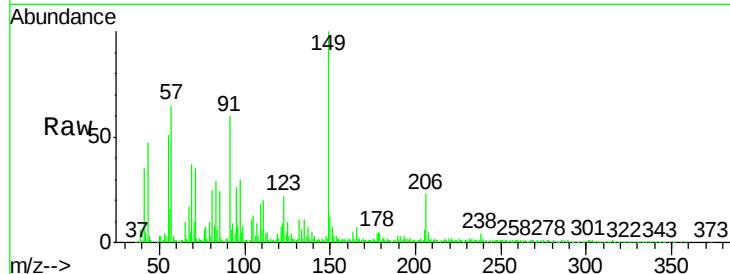
#79
Butylbenzylphthalate
Concen: 30.62 ng/ml
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.1	63.9	95.9#
206	22.6	14.6	21.8#

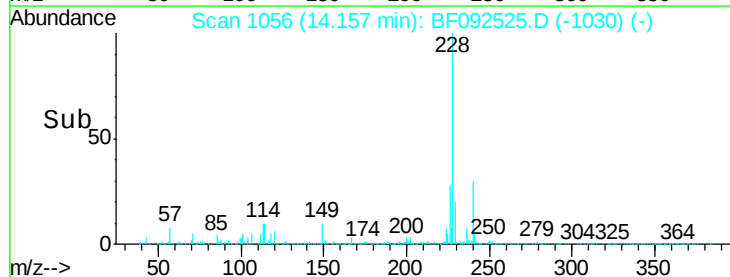
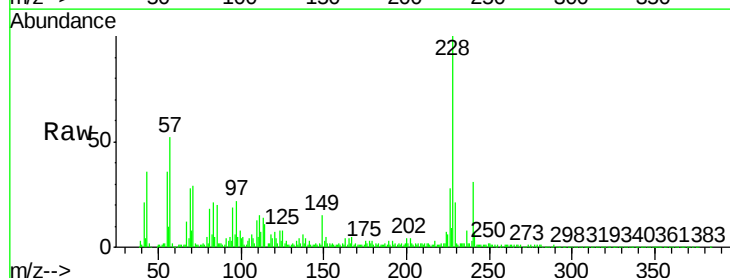
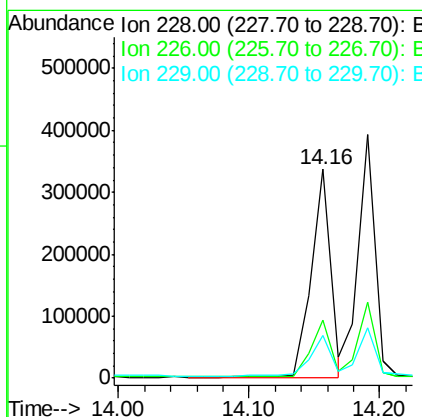
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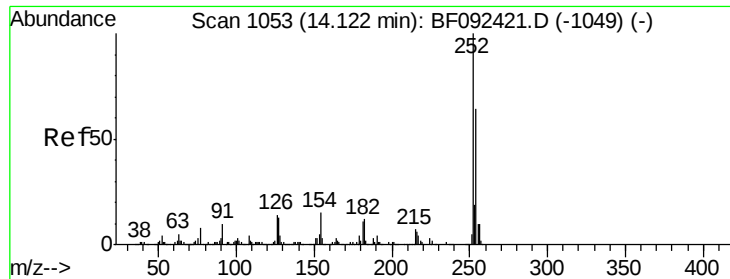
mohammad
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#80
Benzo(a)anthracene
Concen: 24.60 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.5	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 10.15 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

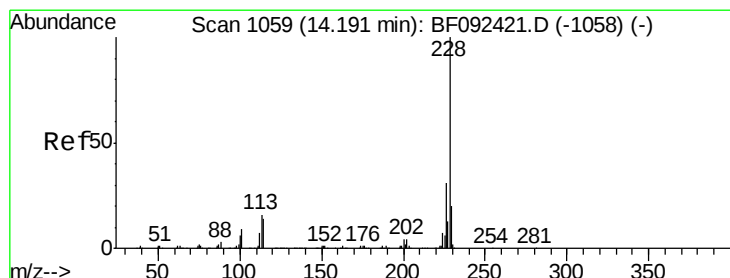
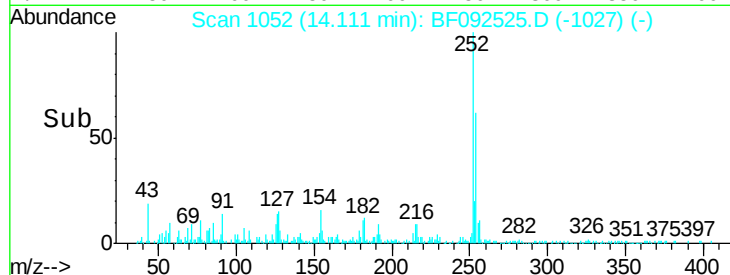
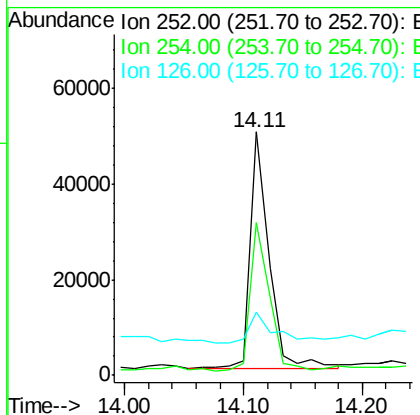
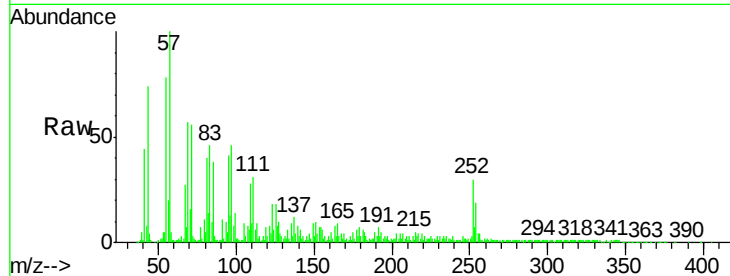
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	252	Resp:	54495
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.3	78.5
126	26.2	13.6	20.4

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#82

Chrysene

Concen: 22.82 ng

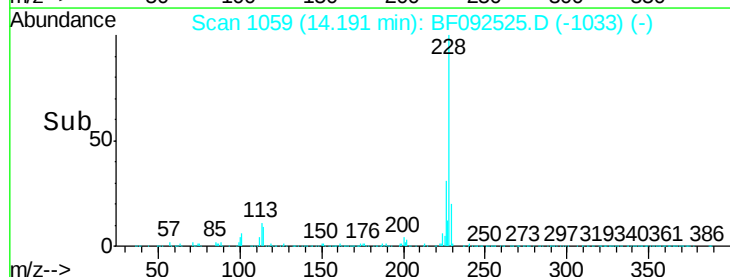
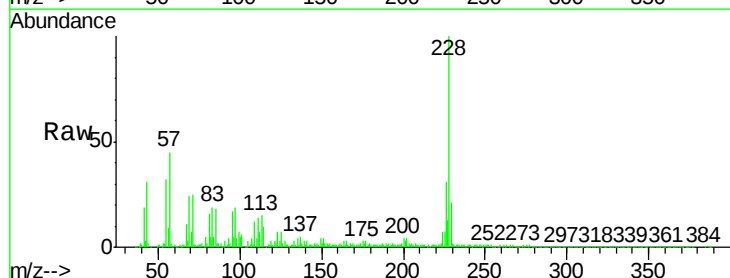
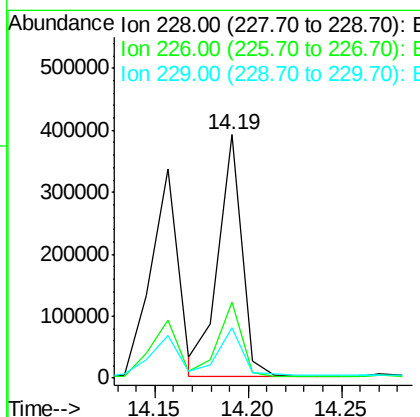
RT: 14.19 min Scan# 1059

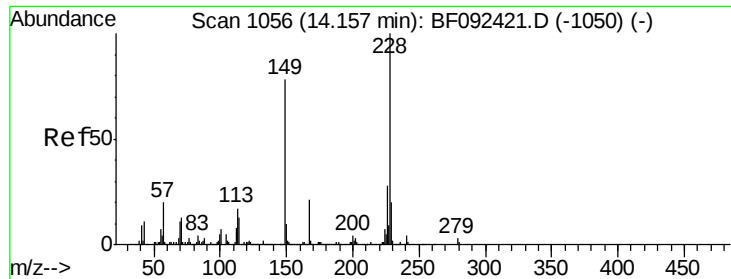
Delta R.T. 0.00 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	228	Resp:	344734
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.0
229	20.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.85 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

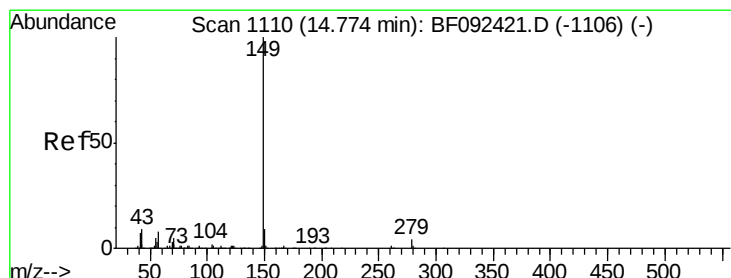
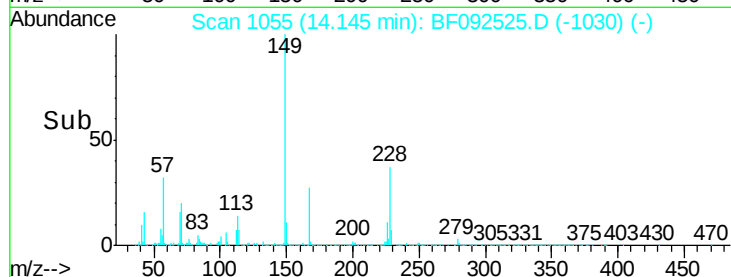
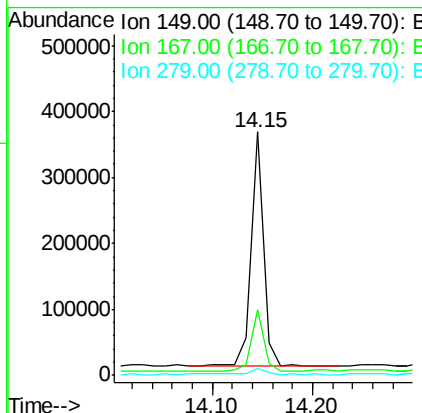
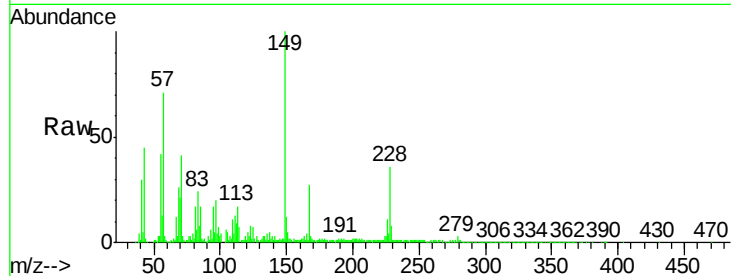
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	149	Resp:	300160
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.2	30.4
279	2.9	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 24.12 ng

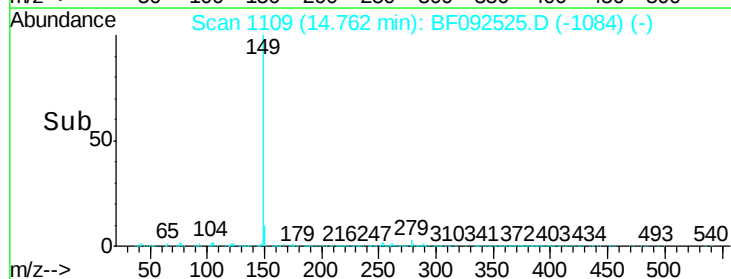
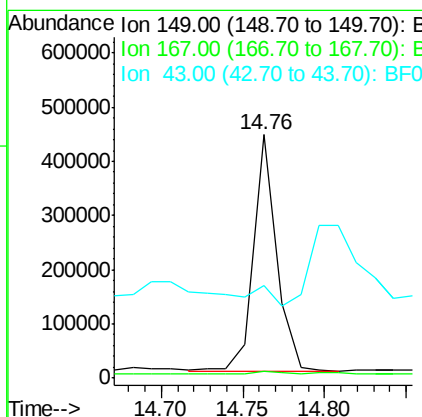
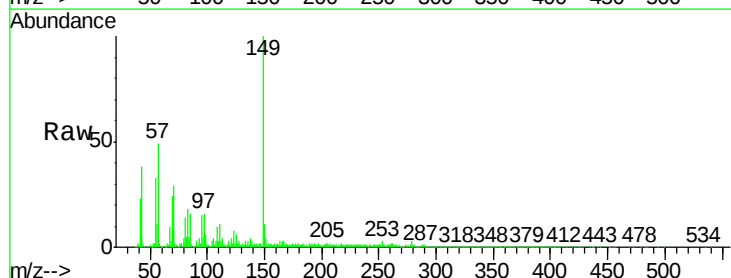
RT: 14.76 min Scan# 1109

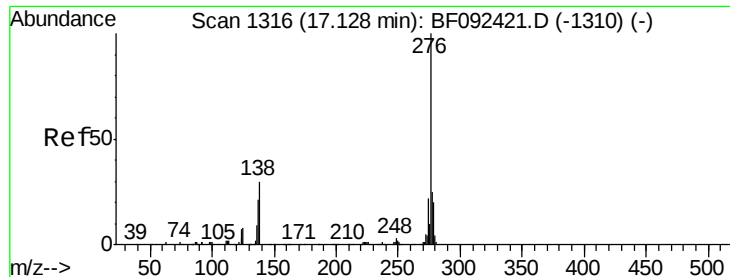
Delta R.T. -0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	149	Resp:	426104
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	0.0	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.70 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

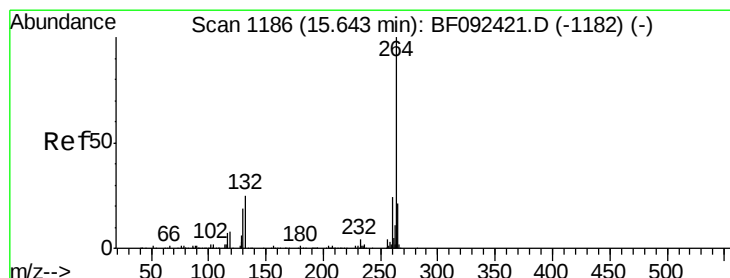
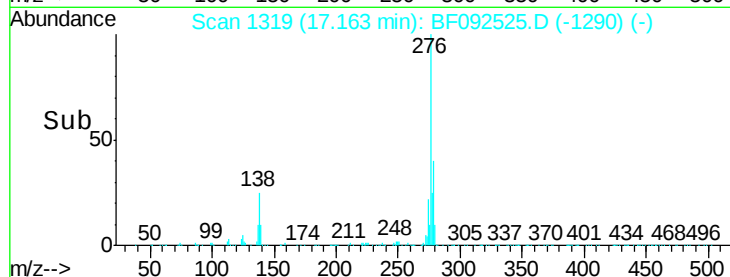
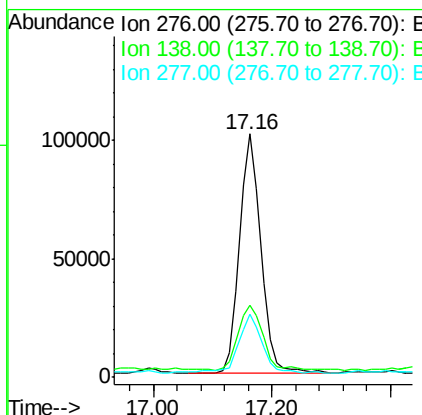
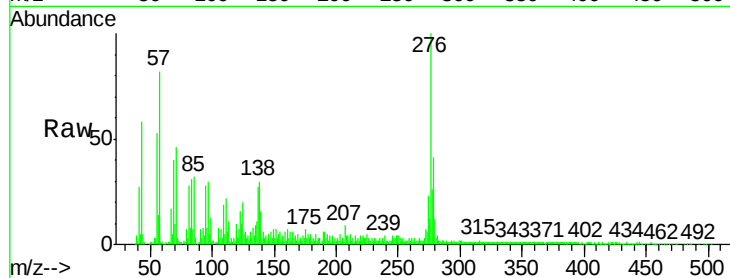
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion:	276	Resp:	253687
Ion Ratio	Lower	Upper	
276	100		
138	31.0	21.8	32.6
277	25.9	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

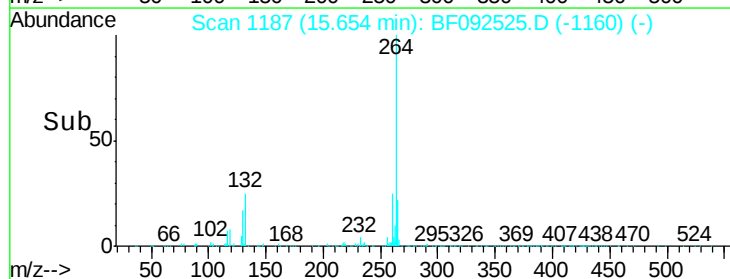
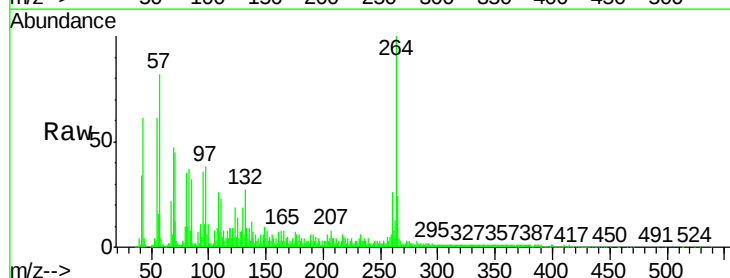
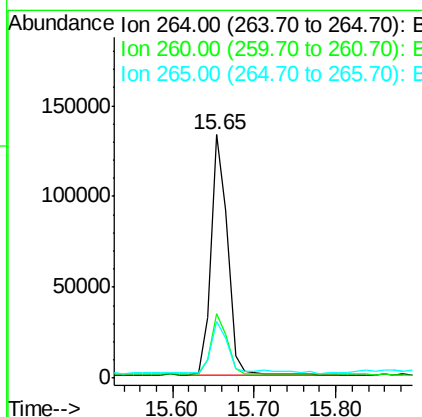
RT: 15.65 min Scan# 1187

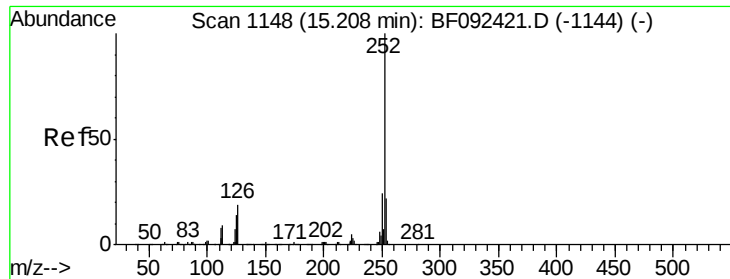
Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion:	264	Resp:	189076
Ion Ratio	Lower	Upper	
264	100		
260	26.4	19.2	28.8
265	23.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 25.34 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Instrument :

BNA_F

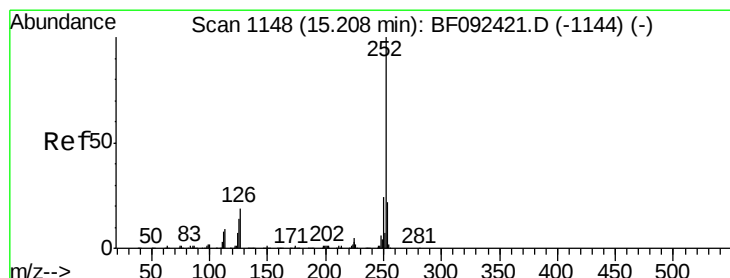
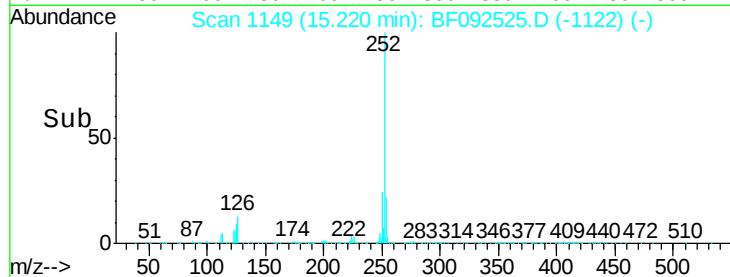
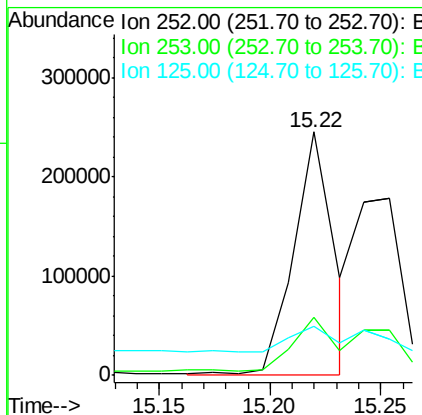
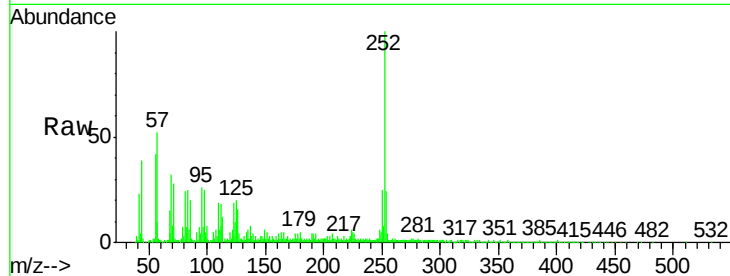
ClientSampleId :

CAS-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	20.4	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 26.13 ng m

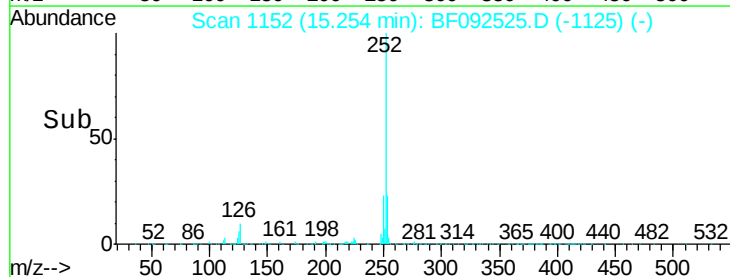
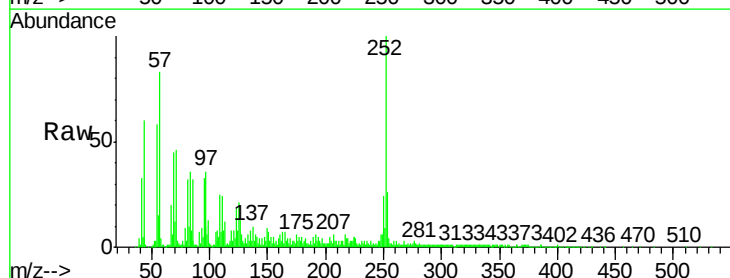
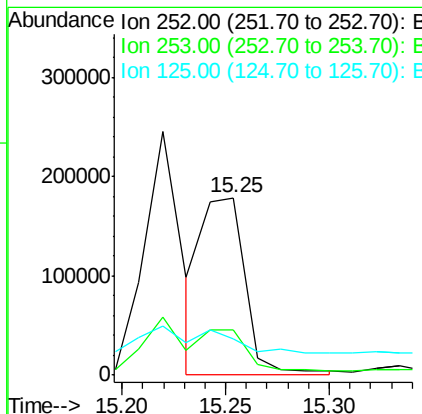
RT: 15.25 min Scan# 1152

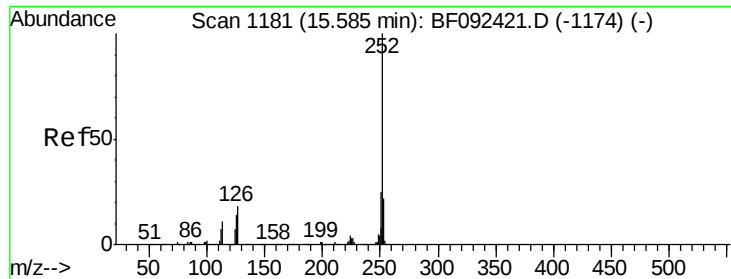
Delta R.T. 0.01 min

Lab File: BF092525.D

Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.5	27.7
125	20.7	8.9	13.3





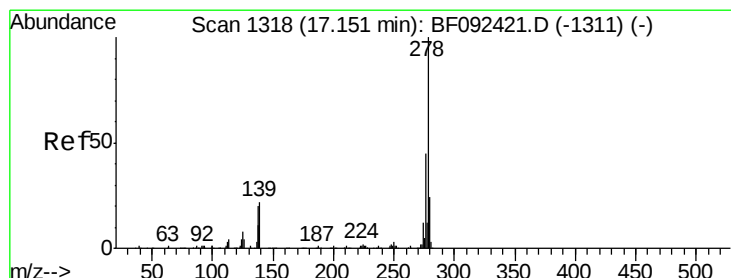
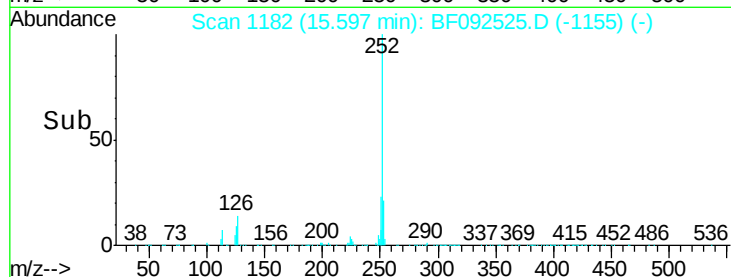
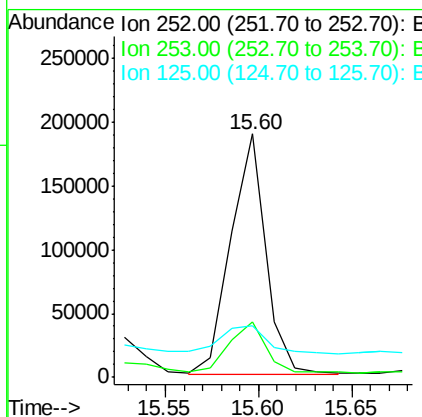
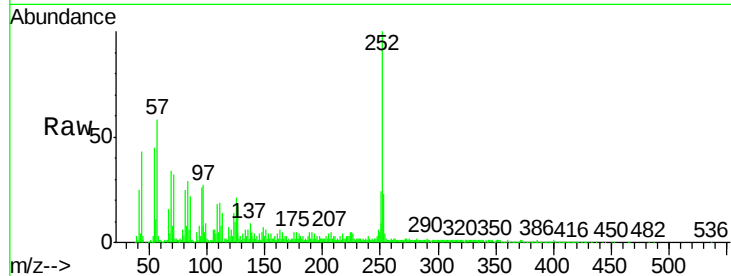
#89
Benzo(a)pyrene
Concen: 24.15 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	21.0	10.0	15.0

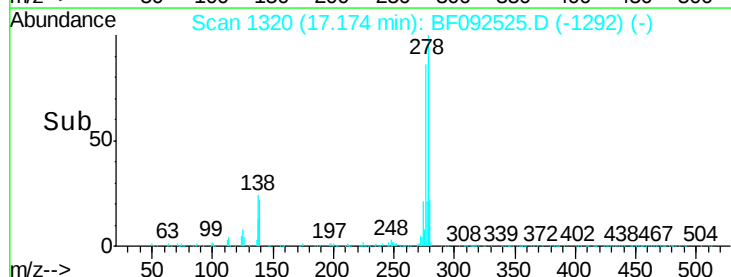
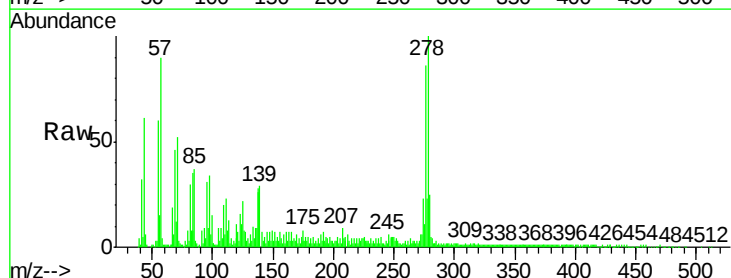
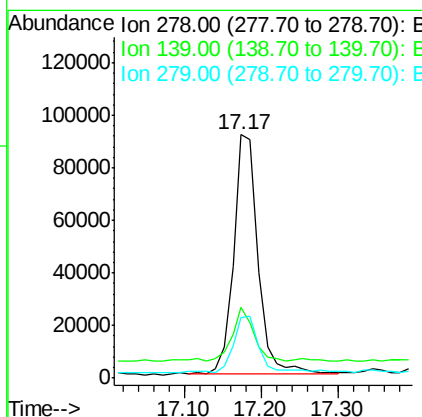
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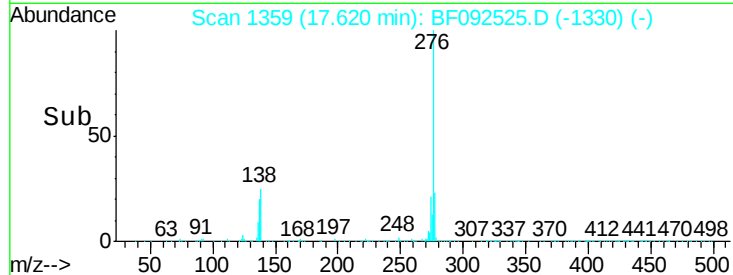
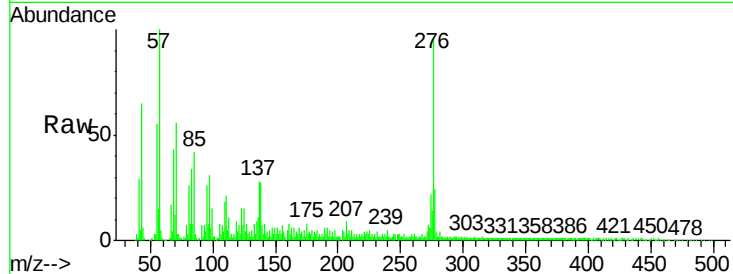
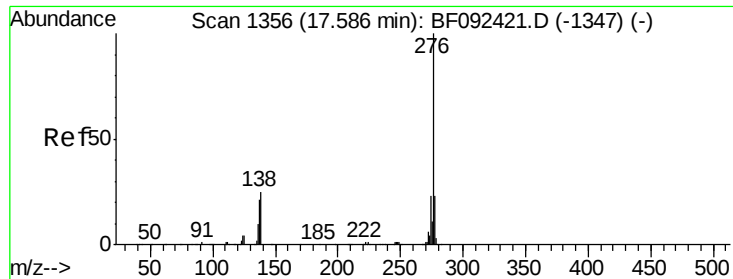
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 24.15 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	14.8	22.2
279	24.8	19.8	29.6





#91
Benzo(a,h,i)perylene
Concen: 24.83 ng
RT: 17.62 min Scan# 1359
Delta R.T. 0.03 min
Lab File: BF092525.D
Acq: 26 Jan 2017 15:00

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	28.4	16.0	24.0

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