

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095479.D
 Acq On : 27 May 2017 2:17
 Operator : SJ/MA
 Sample : PB99316BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:37:17 PM

Quant Time: May 27 05:17:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	85796	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	364174	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	131274	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	231500	20.00	ng	0.00
75) Chrysene-d12	18.68	240	179161	20.00	ng	0.00
86) Perylene-d12	20.36	264	133846	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	512057	99.50	ng	0.02
7) Phenol-d6	7.30	99	598885	96.99	ng	0.00
23) Nitrobenzene-d5	8.65	82	498142	86.26	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	88032	81.88	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1009881	110.73	ng	0.00
78) Terphenyl-d14	17.32	244	533926	65.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	90802	35.98	ng	92
3) Pyridine	2.95	79	206237	35.26	ng	96
4) n-Nitrosodimethylamine	2.88	42	80207	32.90	ng	81
6) Aniline	7.26	93	231053	29.64	ng	93
8) 2-Chlorophenol	7.44	128	279167	47.66	ng	96
9) Benzaldehyde	7.10	77	57584	15.27	ng	97
10) Phenol	7.31	94	331713	50.98	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	244598	45.54	ng	96
12) 1,3-Dichlorobenzene	7.65	146	293043	44.10	ng	99
13) 1,4-Dichlorobenzene	7.77	146	289288	42.93	ng	97
14) 1,2-Dichlorobenzene	8.00	146	283576	45.09	ng	97
15) Benzyl Alcohol	8.04	79	212157	53.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	311113	40.92	ng	96
17) 2-Methylphenol	8.25	107	214410	44.73	ng	95
18) Hexachloroethane	8.51	117	81964	35.91	ng	# 83
19) n-Nitroso-di-n-propylamine	8.45	70	188490	45.14	ng	91
20) 3+4-Methylphenols	8.52	107	279258	42.87	ng	# 57
22) Acetophenone	8.42	105	376357	43.07	ng	# 84
24) Nitrobenzene	8.68	77	261928	43.27	ng	92
25) Isophorone	9.08	82	462918	44.89	ng	96
26) 2-Nitrophenol	9.19	139	97537	29.86	ng	98
27) 2,4-Dimethylphenol	9.32	122	193580	36.66	ng	96
28) bis(2-Chloroethoxy)methane	9.44	93	274380	38.46	ng	97
29) 2,4-Dichlorophenol	9.62	162	187852	37.67	ng	97
30) 1,2,4-Trichlorobenzene	9.69	180	212332	39.75	ng	99
31) Naphthalene	9.80	128	735984	40.21	ng	99
32) Benzoic acid	9.63	122	64558m	21.73	ng	
33) 4-Chloroaniline	9.97	127	67913m	9.96	ng	
34) Hexachlorobutadiene	10.01	225	109096	38.70	ng	98
35) Caprolactam	10.57	113	63271	42.26	ng	87
36) 4-Chloro-3-methylphenol	10.81	107	210519	39.49	ng	91
37) 2-Methylnaphthalene	10.92	142	516966	43.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	199256	49.36	ng	98
40) Hexachlorocyclopentadiene	11.17	237	6202	9.43	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	122385	45.41	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	108043	37.29	nq	93
45) 1,1'-Biphenyl	11.68	154	583268	52.77	nq	98
46) 2-Chloronaphthalene	11.71	162	447867	50.18	nq	96
47) 2-Nitroaniline	11.93	65	125304	51.30	nq	# 80
48) Acenaphthylene	12.36	152	683749	48.91	nq	99
49) Dimethylphthalate	12.24	163	518056	48.07	nq	98
50) 2,6-Dinitrotoluene	12.33	165	101397	46.12	nq	# 90
51) Acenaphthene	12.64	154	376180	45.06	nq	98
52) 3-Nitroaniline	12.61	138	85405	36.19	nq	85
54) Dibenzofuran	12.94	168	592441	51.28	nq	99
55) 4-Nitrophenol	13.06	139	76118	53.71	nq	# 73
56) 2,4-Dinitrotoluene	13.02	165	119856	42.42	nq	96
57) Fluorene	13.49	166	435601	43.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	75766	41.56	nq	# 89
59) Diethylphthalate	13.38	149	492668	47.70	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	201407	45.62	nq	91
61) 4-Nitroaniline	13.62	138	95806	44.22	nq	92
62) Azobenzene	13.77	77	430700	51.89	nq	95
64) 4,6-Dinitro-2-methylphenol	13.74	198	3463	2.23	nq	# 24
65) n-Nitrosodiphenylamine	13.72	169	396227	47.16	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	105231	43.03	nq	99
67) Hexachlorobenzene	14.39	284	104030	41.50	nq	# 89
68) Atrazine	14.64	200	102149	43.06	nq	96
69) Pentachlorophenol	14.76	266	46236	43.67	nq	95
70) Phenanthrene	15.04	178	569725	42.83	nq	98
71) Anthracene	15.12	178	529437	38.97	nq	98
72) Carbazole	15.41	167	517898	41.89	nq	97
73) Di-n-butylphthalate	15.96	149	670899	43.52	nq	98
74) Fluoranthene	16.78	202	434756	31.86	nq	98
76) Benzidine	17.01	184	193146	40.98	nq	# 92
77) Pyrene	17.09	202	444999	33.21	nq	99
79) Butylbenzylphthalate	17.98	149	247790	39.76	nq	91
80) Benzo(a)anthracene	18.66	228	431739	41.41	nq	98
81) 3,3'-Dichlorobenzidine	18.64	252	132910	36.91	nq	# 96
82) Chrysene	18.71	228	413685	41.03	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	363884	40.98	nq	# 98
84) Di-n-octyl phthalate	19.49	149	625176	42.94	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	287391	35.10	nq	98
87) Benzo(b)fluoranthene	19.94	252	330056	39.91	nq	97
88) Benzo(k)fluoranthene	19.97	252	393290m	49.30	nq	
89) Benzo(a)pyrene	20.29	252	329077	43.12	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	235410	37.35	nq	98
91) Benzo(g,h,i)perylene	22.07	276	191514	30.96	nq	96

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

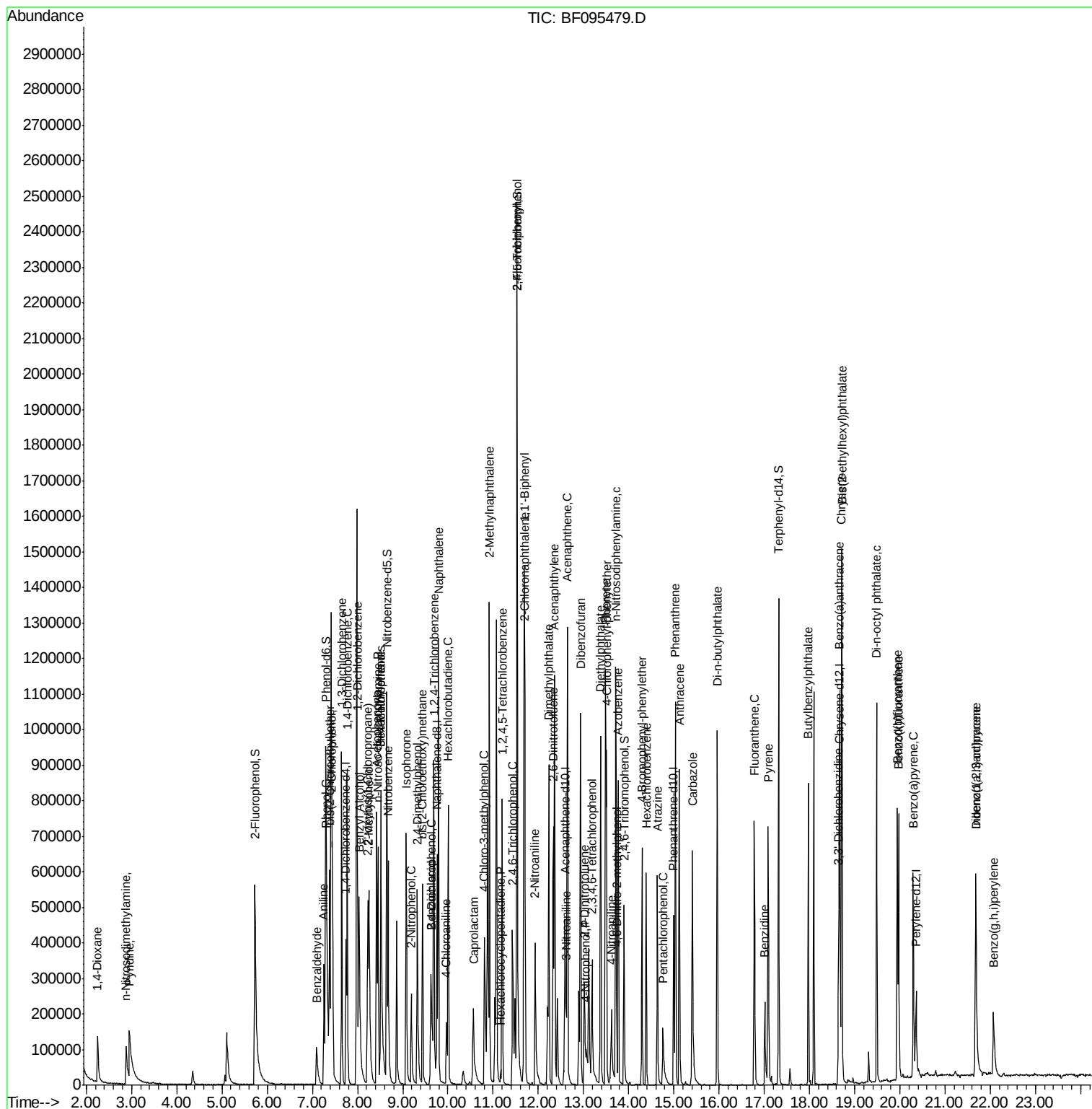
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Operator  : SJ/MA
Sample    : PB99316BS
Misc      :
ALS Vial  : 24    Sample Multiplier: 1
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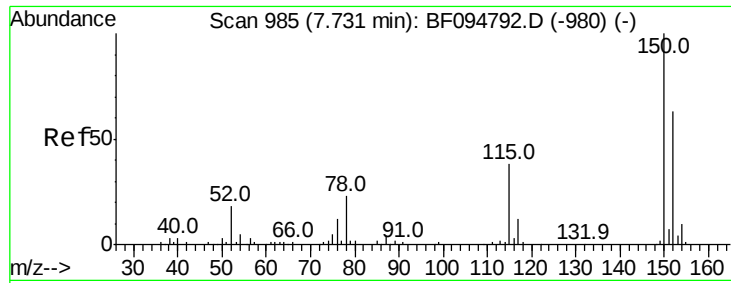
Instrument :
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#1

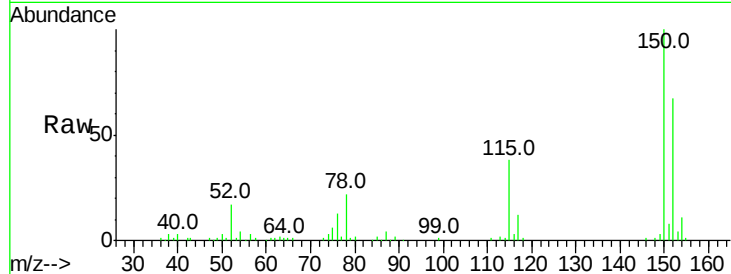
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

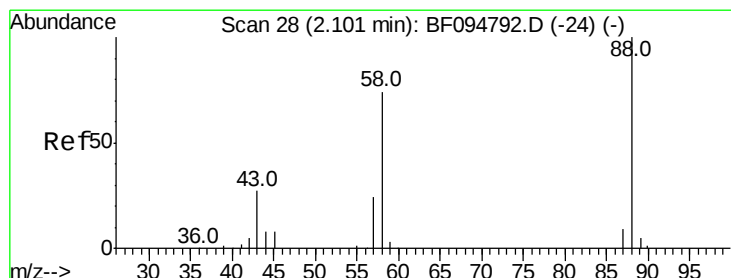
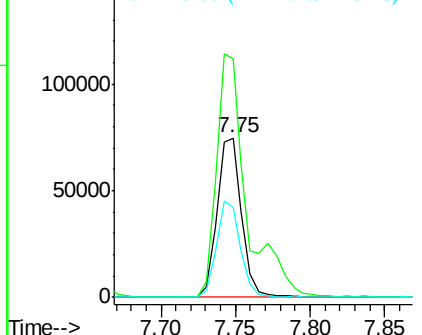
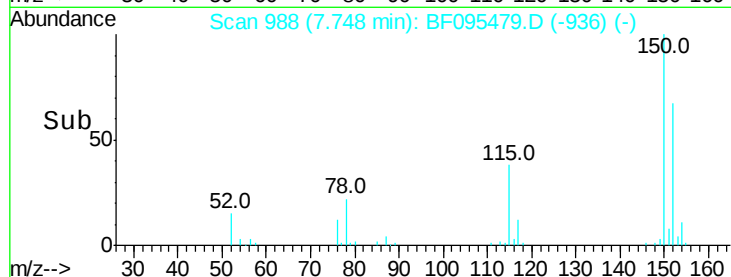
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.2	189.2
115	56.1	52.2	78.2

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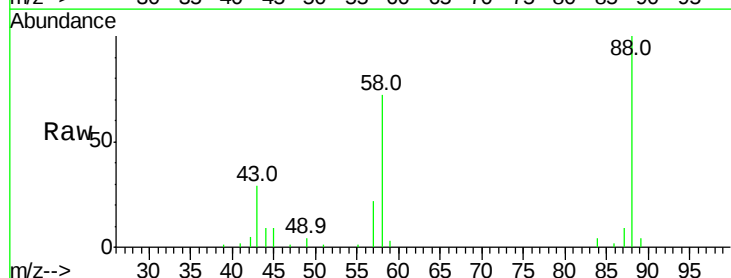
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



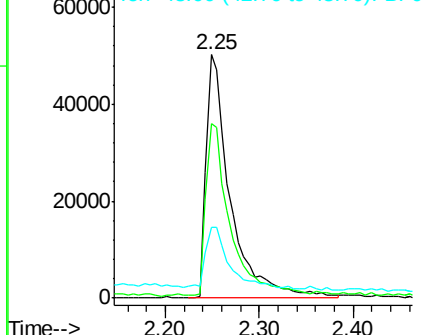
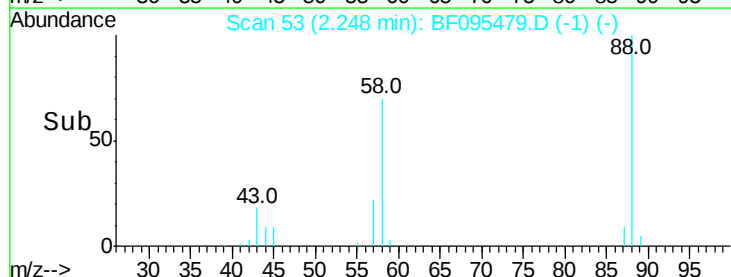
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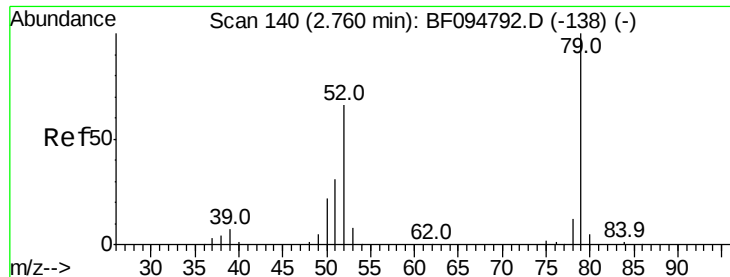
1,4-Dioxane
Concen: 35.98 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.06 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	61.4	92.0
43	25.8	23.4	35.0



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





#3

Pvridine

Concen: 35.26 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.06 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

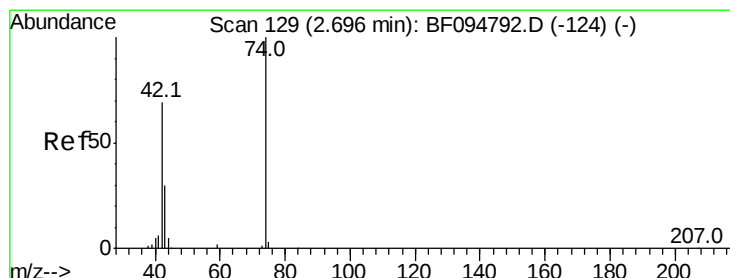
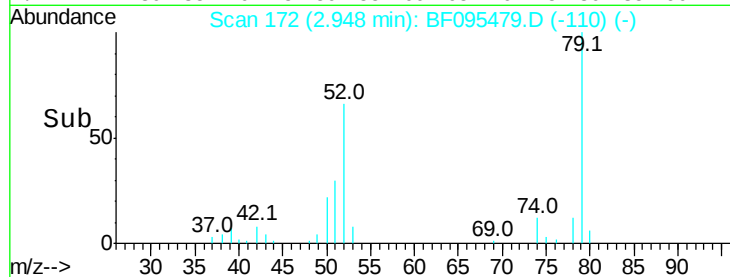
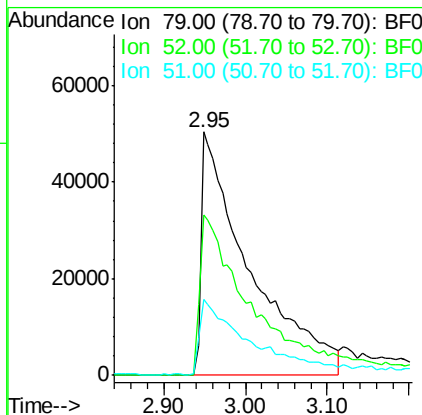
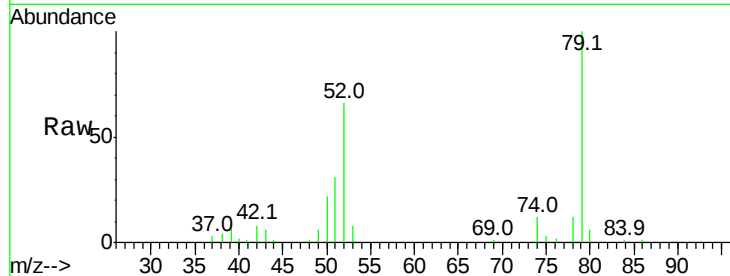
ClientSampleId :

PB99316BS

Tot Ion:	79	Resp:	206237
Ion Ratio	Lower	Upper	
79	100		
52	65.9	54.8	82.2
51	31.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 32.90 ng

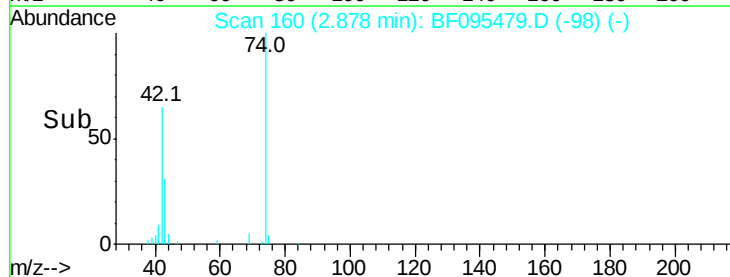
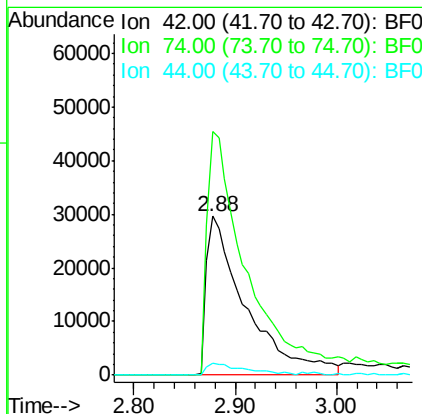
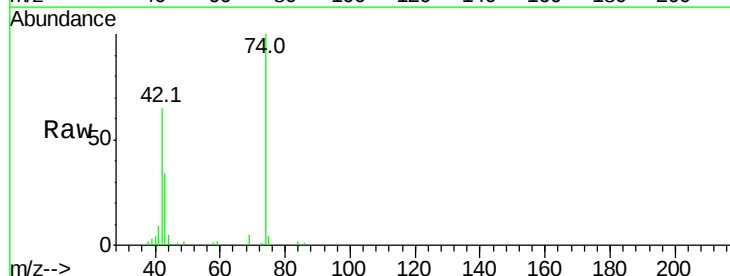
RT: 2.88 min Scan# 160

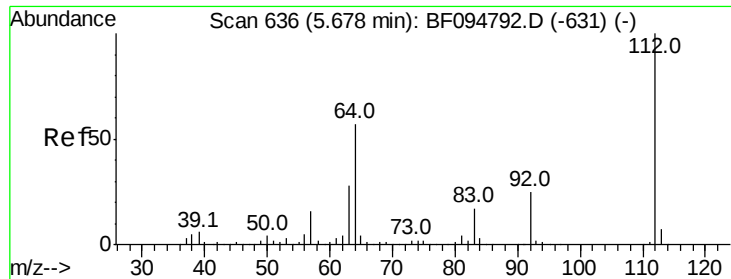
Delta R.T. 0.06 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	42	Resp:	80207
Ion Ratio	Lower	Upper	
42	100		
74	153.2	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 99.50 ng

RT: 5.72 min Scan# 644

Delta R.T. 0.02 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

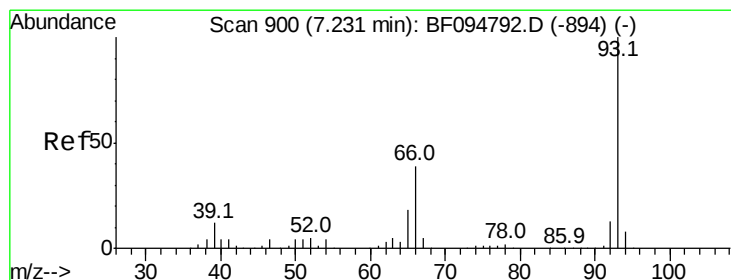
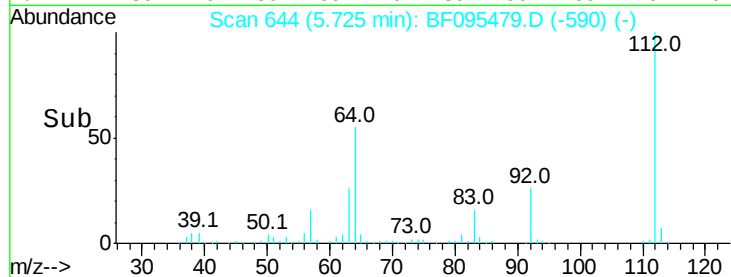
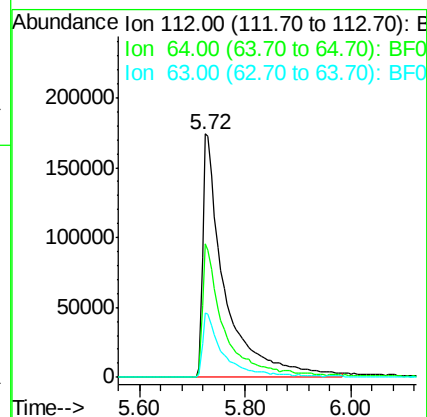
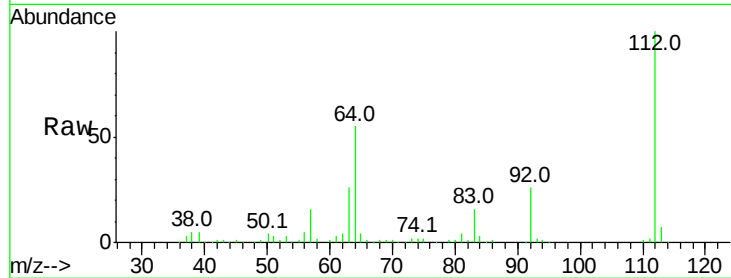
ClientSampleId :

PB99316BS

Tot Ion:	112	Resp:	512057
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	26.3	23.4	35.0

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#6

Aniline

Concen: 29.64 ng

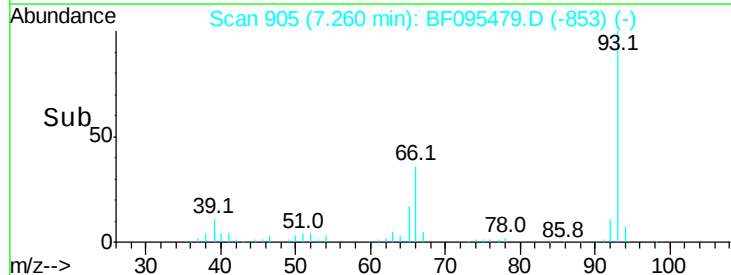
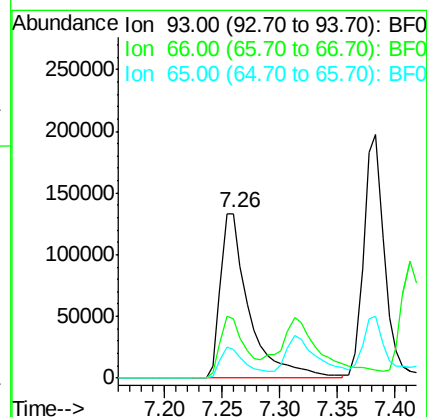
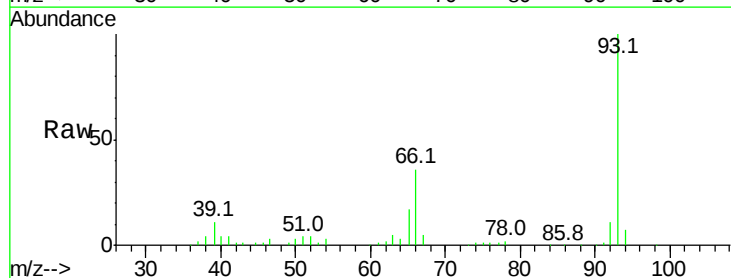
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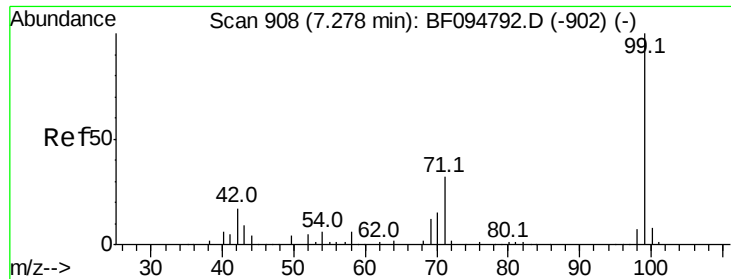
Delta R.T. 0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	93	Resp:	231053
Ion Ratio	Lower	Upper	
93	100		
66	35.9	32.9	49.3
65	17.3	16.0	24.0





#7

Phenol-d6

Concen: 96.99 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

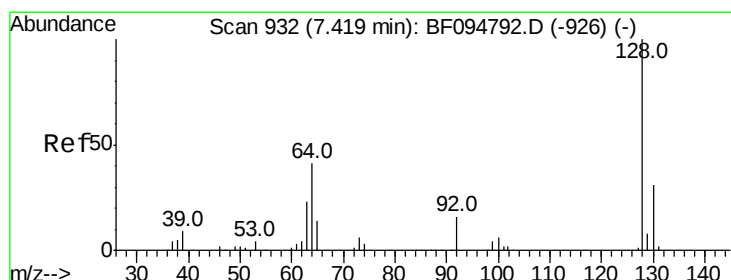
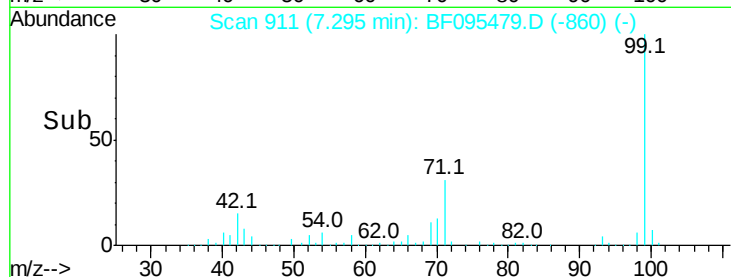
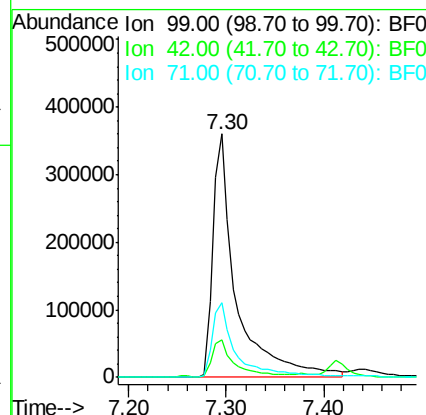
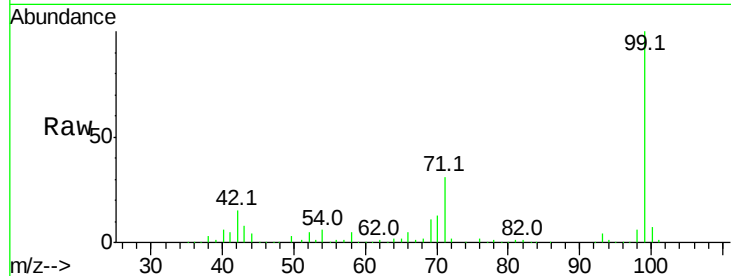
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		598885		
42	15.2	13.5	20.3		
71	30.6	24.5	36.7		

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#8

2-Chlorophenol

Concen: 47.66 ng

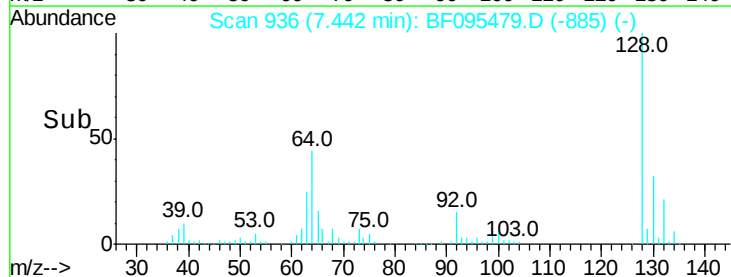
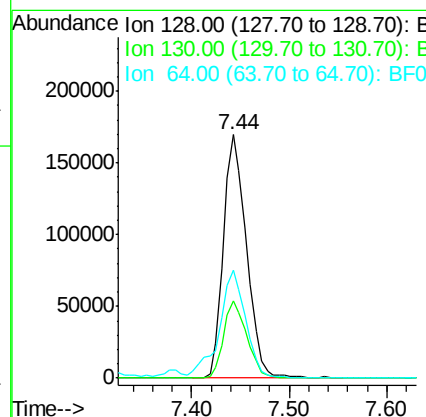
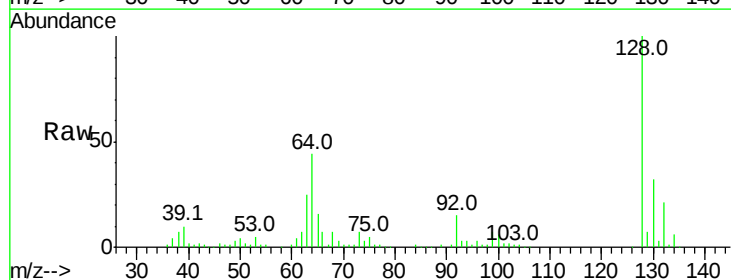
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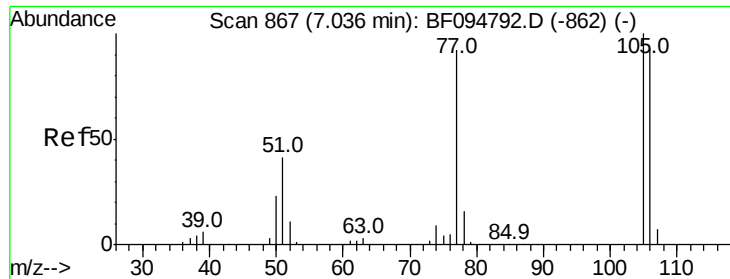
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		279167		
130	31.8	12.9	52.9		
64	44.4	28.4	68.4		





#9

Benzaldehyde

Concen: 15.27 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

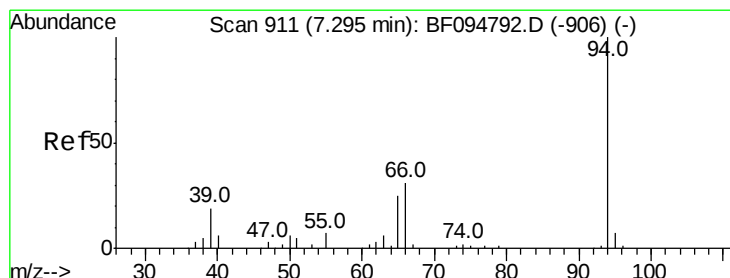
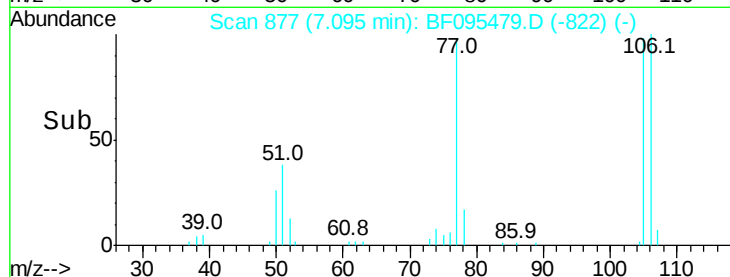
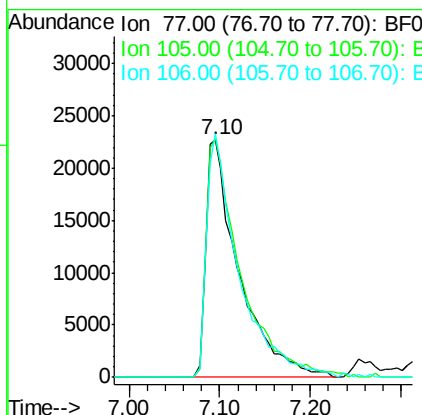
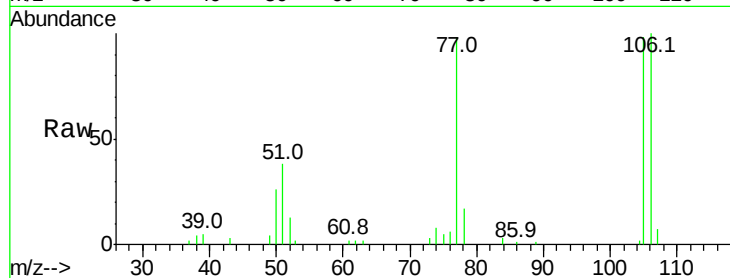
ClientSampleId :

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Tot Ion:	77	Resp:	57584
Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.8	123.8
106	102.4	79.1	119.1

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#10

Phenol

Concen: 50.98 ng

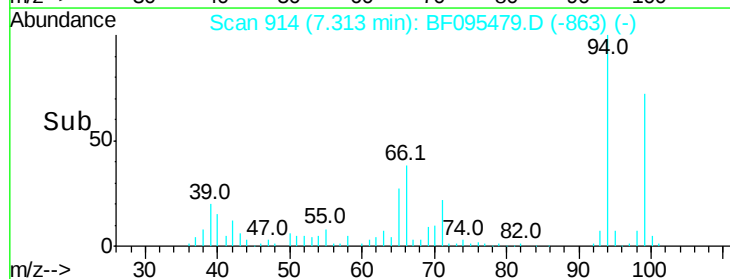
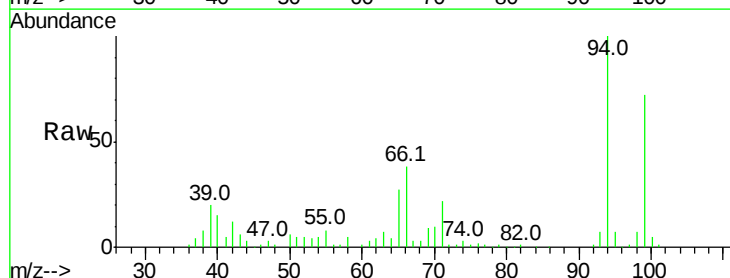
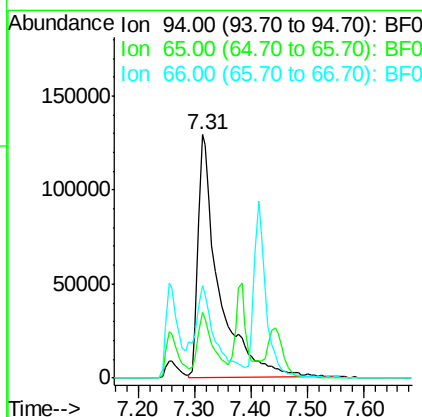
RT: 7.31 min Scan# 914

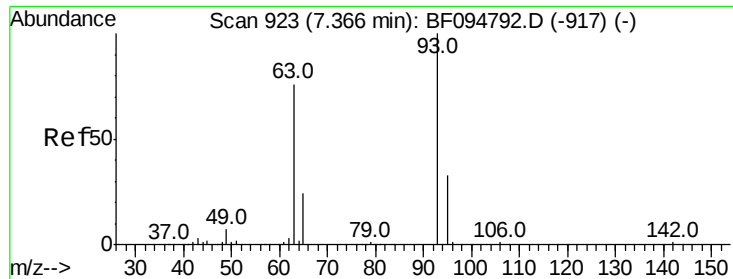
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	94	Resp:	331713
Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	37.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.54 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

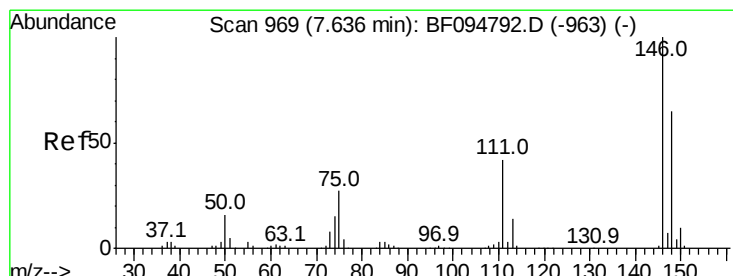
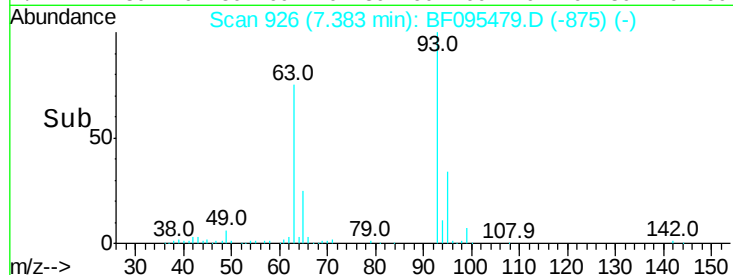
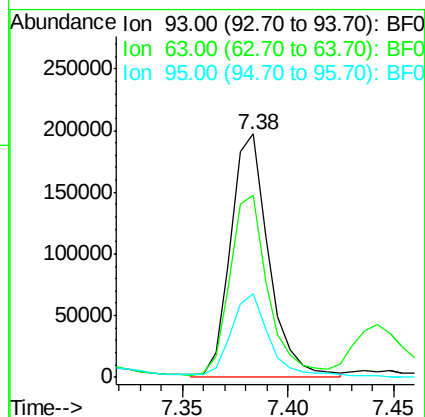
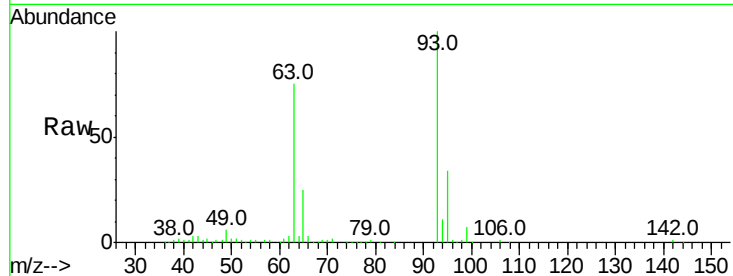
ClientSampleId :

PB99316BS

Tot Ion:	93	Resp:	244598
Ion Ratio	Lower	Upper	
93	100		
63	75.1	59.2	99.2
95	34.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 44.10 ng

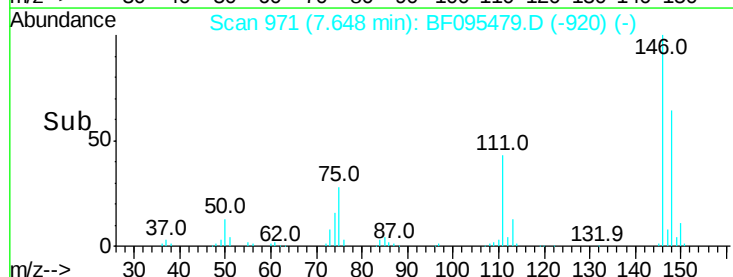
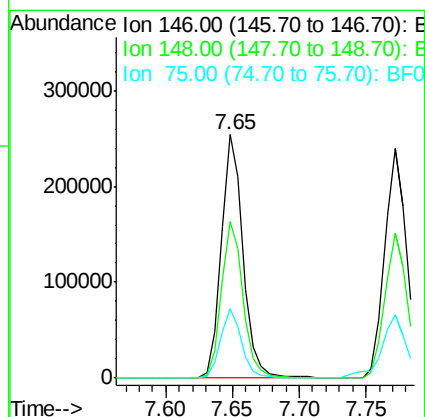
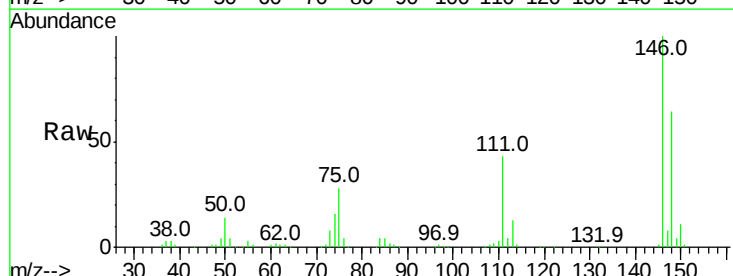
RT: 7.65 min Scan# 971

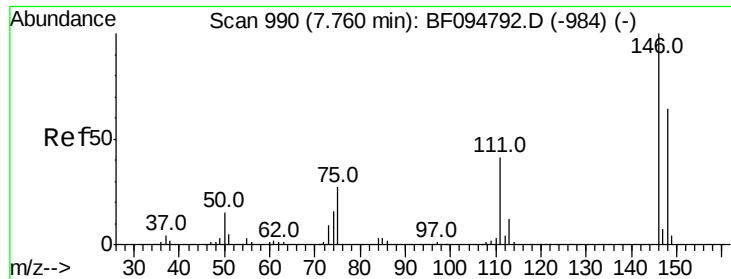
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	146	Resp:	293043
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
75	28.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.93 ng

RT: 7.77 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

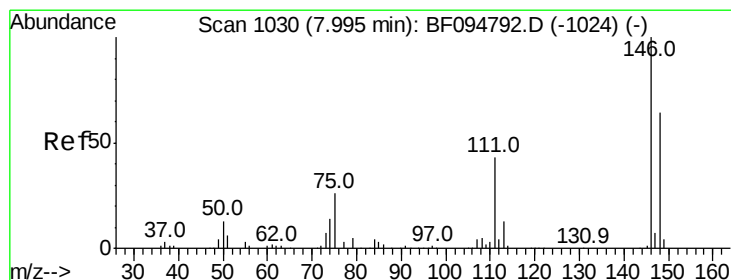
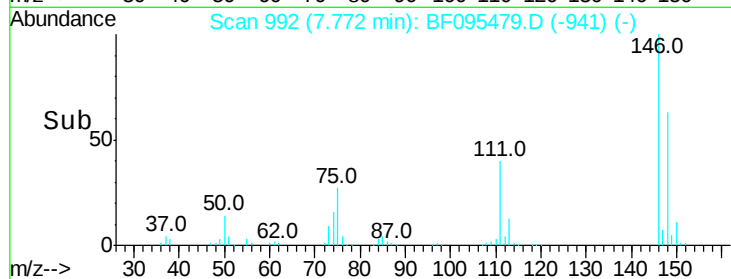
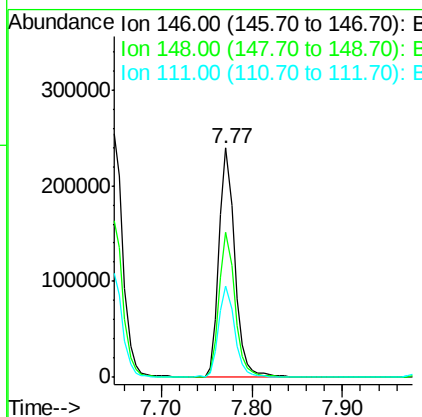
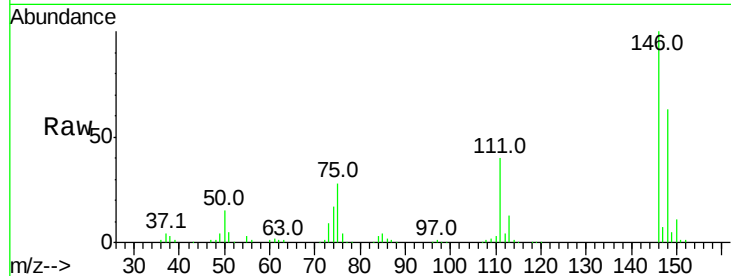
ClientSampleId :

PB99316BS

Tot Ion:	146	Resp:	289288
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	39.9	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 45.09 ng

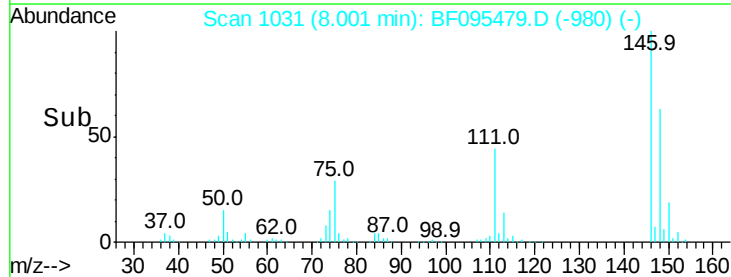
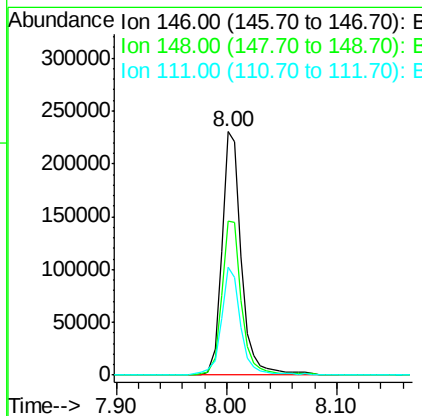
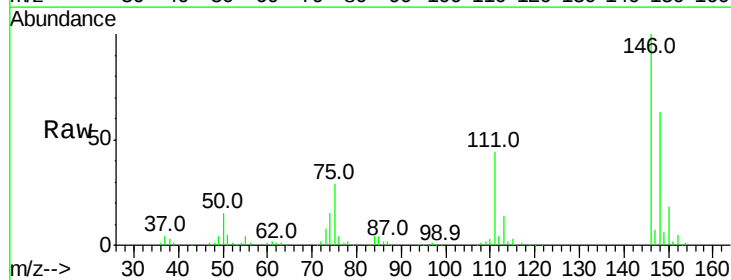
RT: 8.00 min Scan# 1031

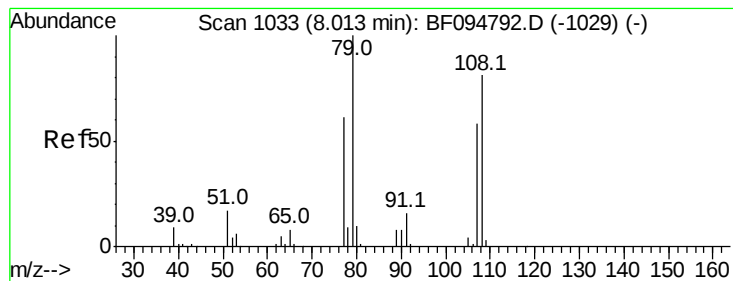
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	146	Resp:	283576
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 53.42 ng

RT: 8.04 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

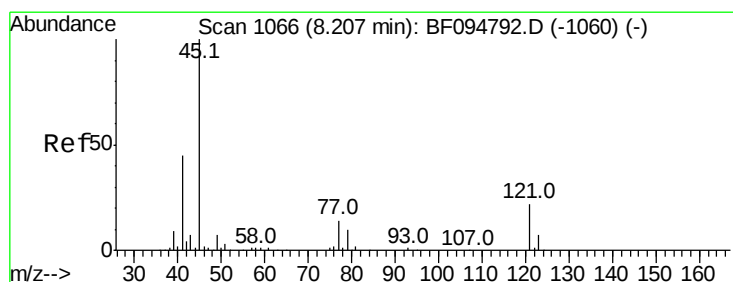
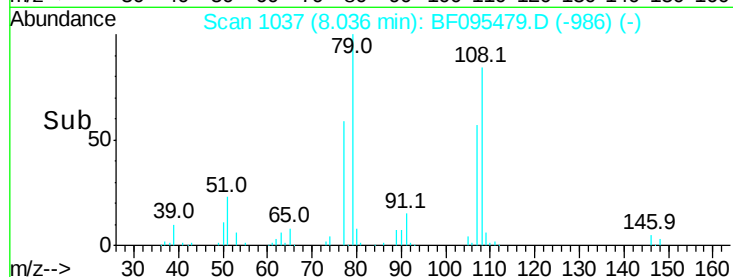
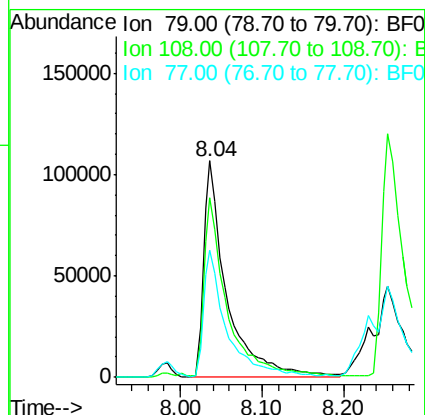
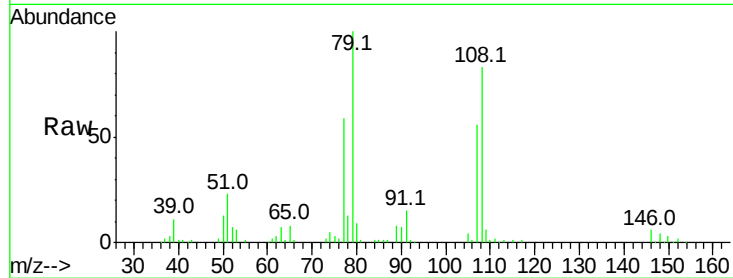
ClientSampleId :

PB99316BS

Tot Ion:	79	Resp:	212157
Ion Ratio	Lower	Upper	
79	100		
108	83.0	63.4	95.0
77	58.9	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.92 ng

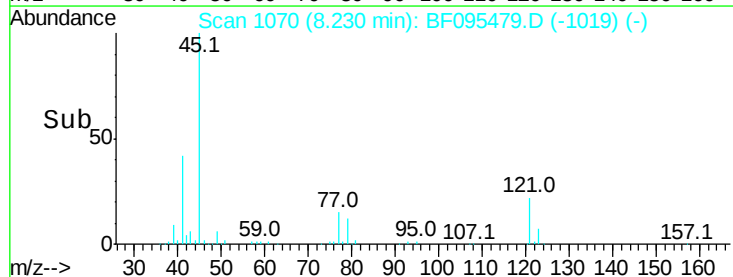
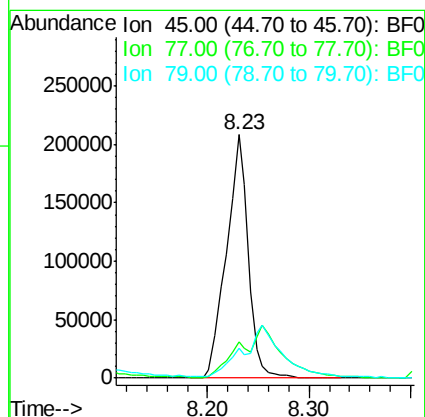
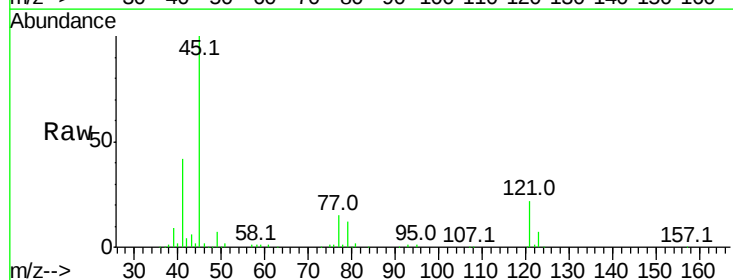
RT: 8.23 min Scan# 1070

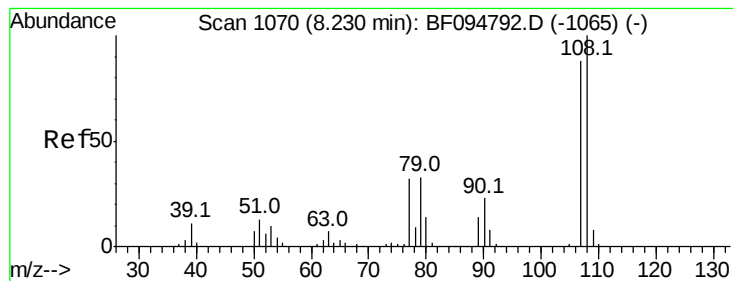
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	45	Resp:	311113
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.2
79	12.0	0.0	30.0





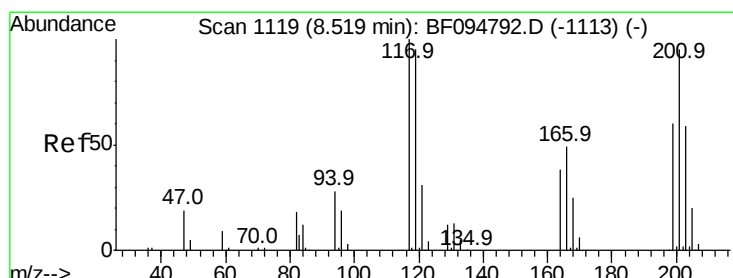
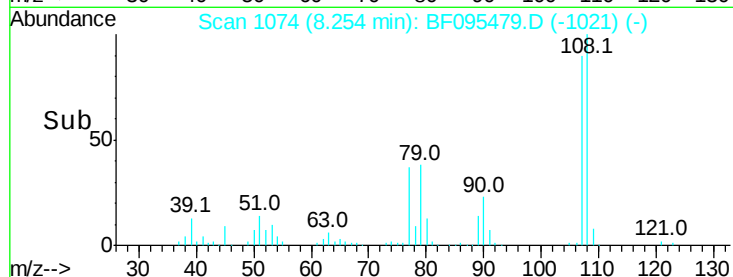
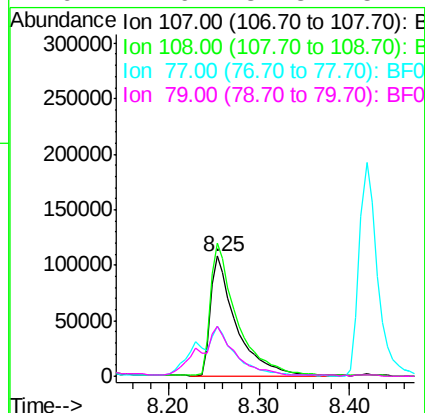
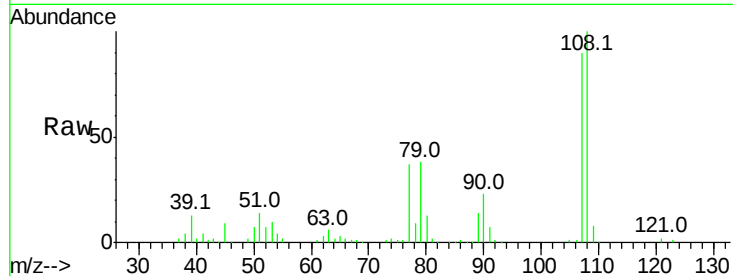
#17
2-Methylphenol
Concen: 44.73 ng
RT: 8.25 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	110.9	93.4	140.0		
77	41.3	35.8	53.6		
79	41.6	34.8	52.2		

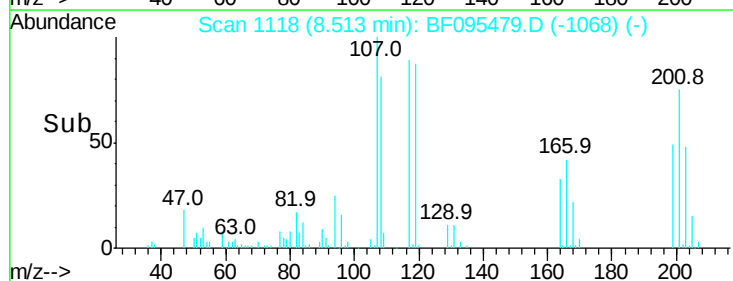
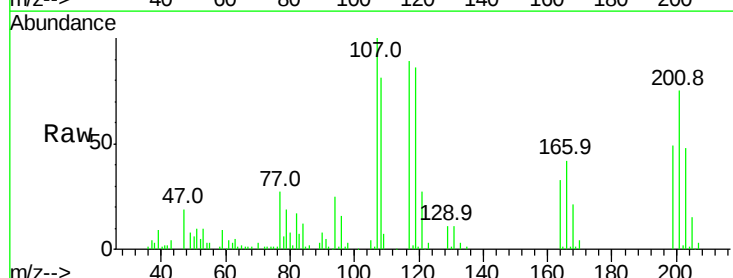
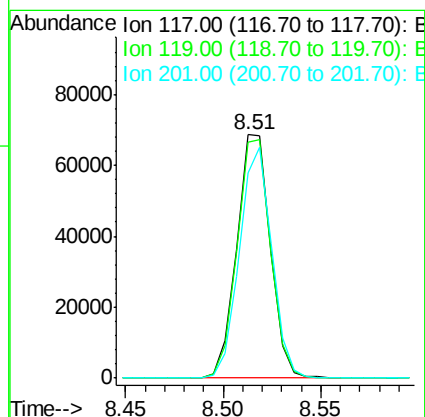
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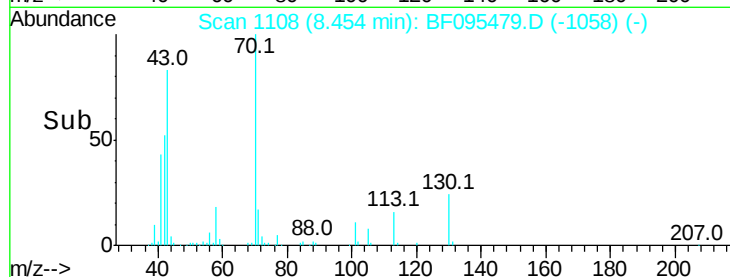
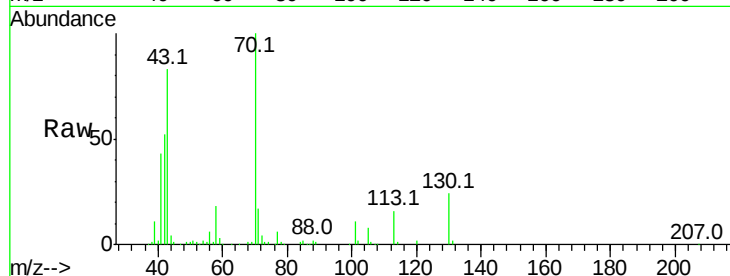
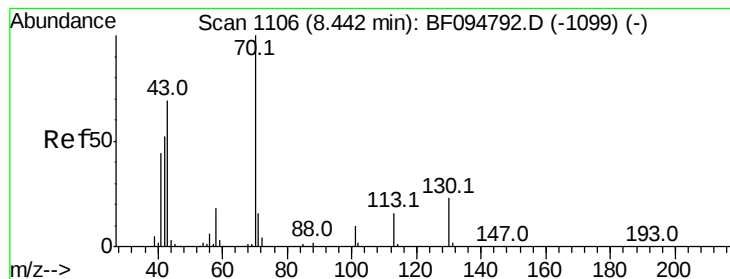
mohammad
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#18
Hexachloroethane
Concen: 35.91 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	97.1	77.4	116.0		
201	84.1	94.6	141.8#		





#19

n-Nitroso-di-n-propylamine

Concen: 45.14 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

ClientSampleId :

PB99316BS

Tot Ion: 70 Resp: 188490

Ion Ratio Lower Upper

70 100

42 51.9 47.2 70.8

101 10.6 7.2 10.8

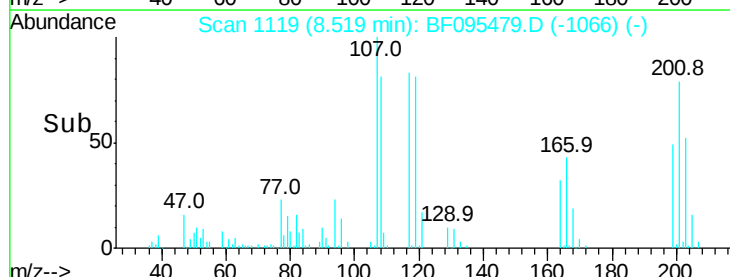
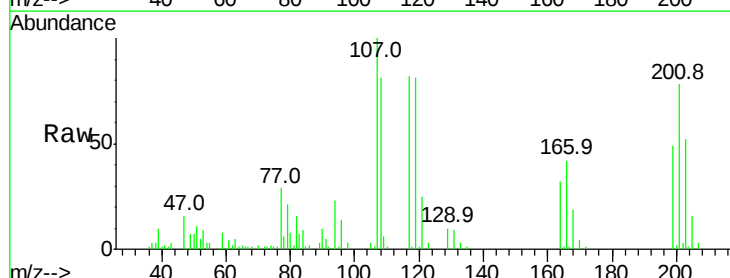
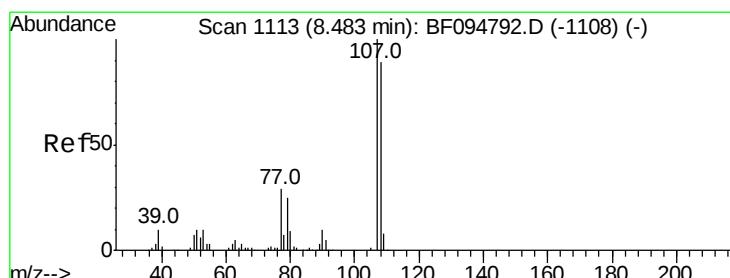
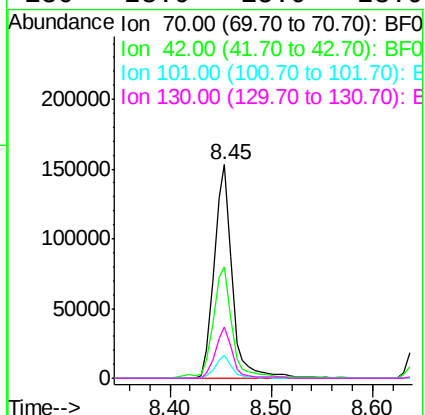
130 23.9 15.9 23.9

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#20

3+4-Methylphenols

Concen: 42.87 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion: 107 Resp: 279258

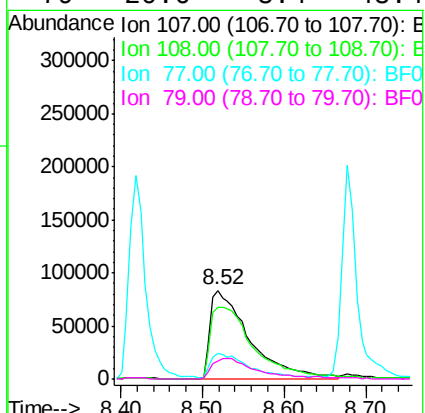
Ion Ratio Lower Upper

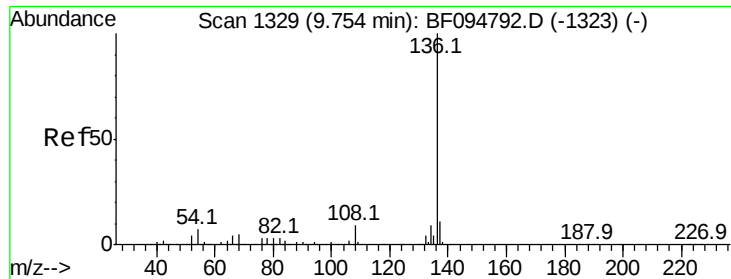
107 100

108 80.9 71.0 111.0

77 28.9 90.5 130.5#

79 20.6 8.4 48.4





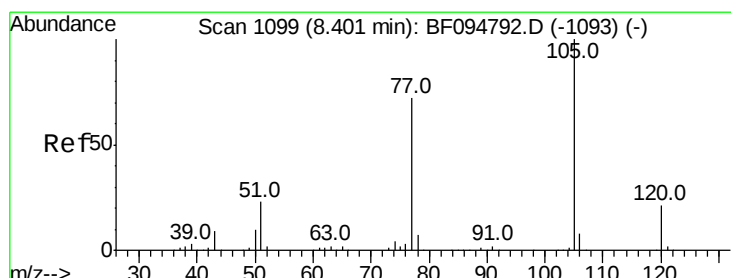
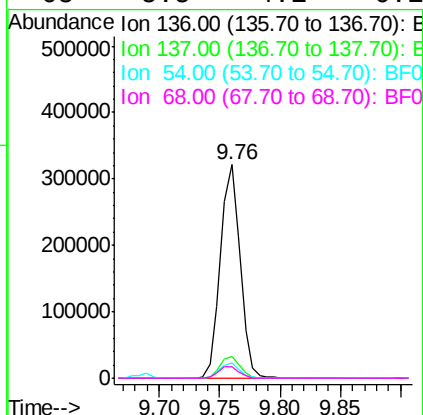
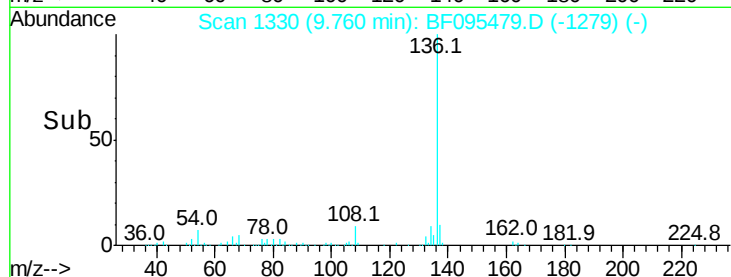
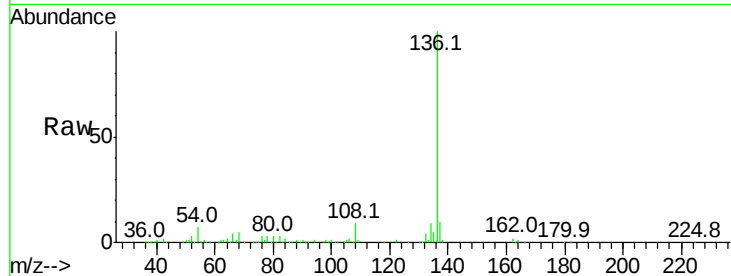
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.5	12.7	
54	6.9	4.9	7.3	
68	5.5	4.1	6.1	

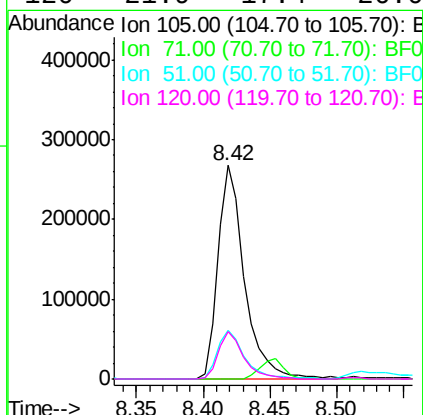
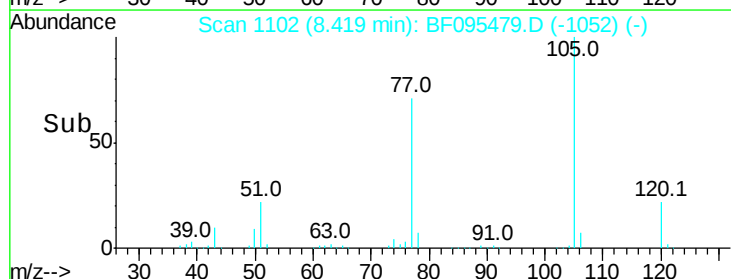
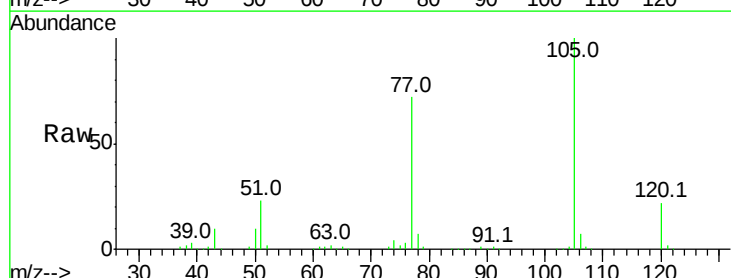
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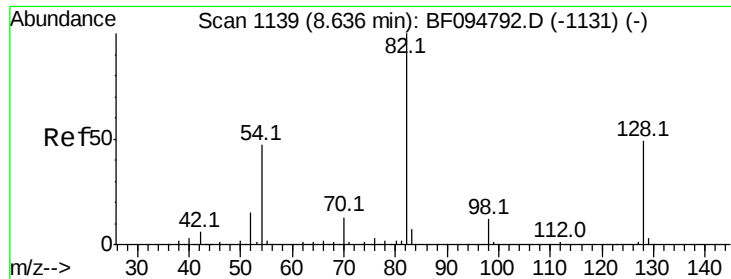
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#22
Acetophenone
Concen: 43.07 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.6	30.7	46.1#	
120	21.9	17.4	26.0	





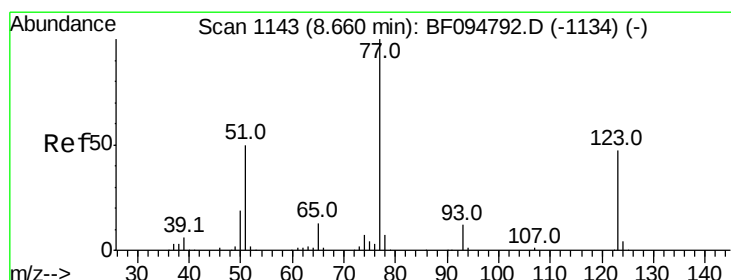
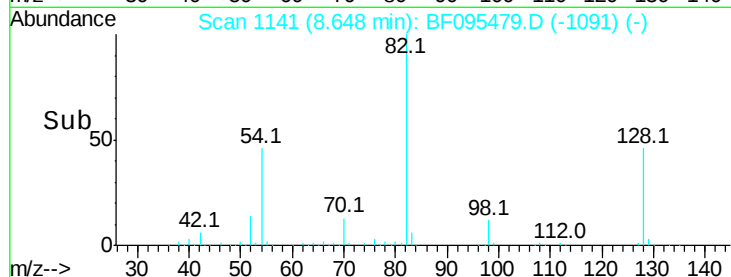
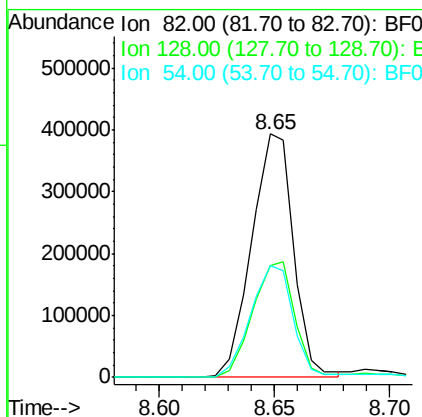
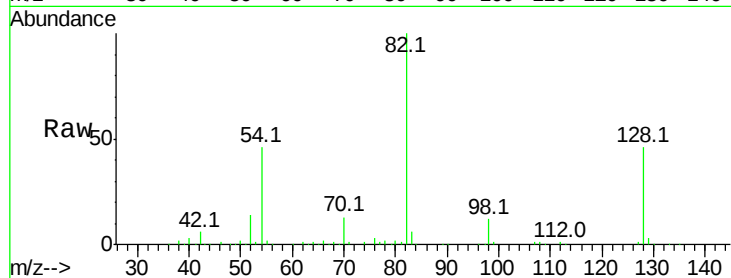
#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion:	82	Resp:	498142
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.0	51.0
54	46.1	42.2	63.2

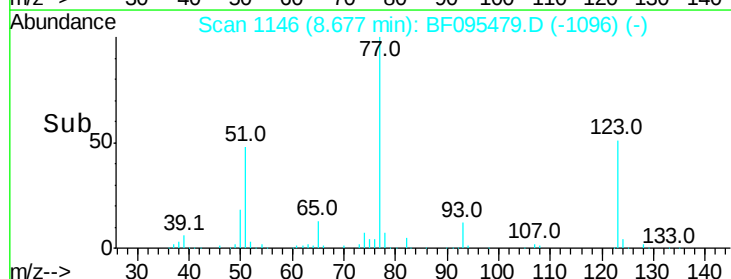
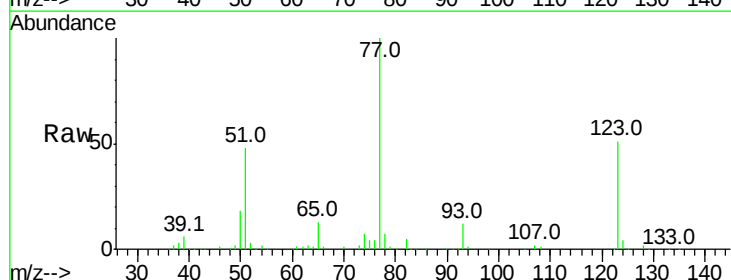
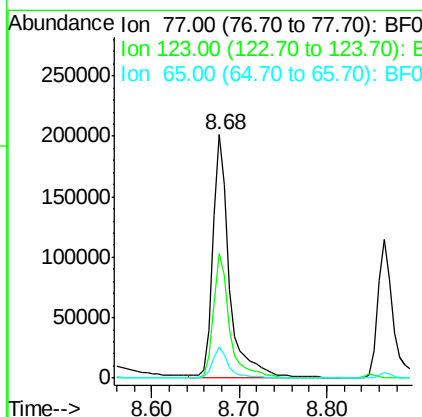
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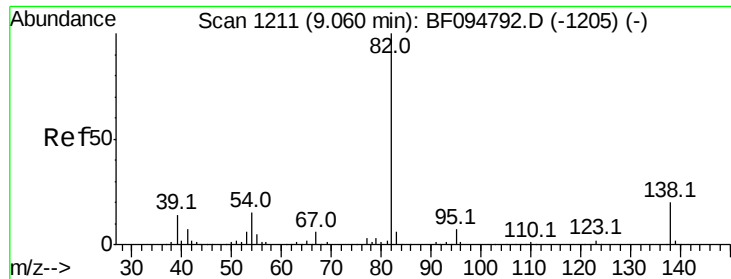
mohammad
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#24
 Nitrobenzene
 Concen: 43.27 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion:	77	Resp:	261928
Ion Ratio	Lower	Upper	
77	100		
123	50.9	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 44.89 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

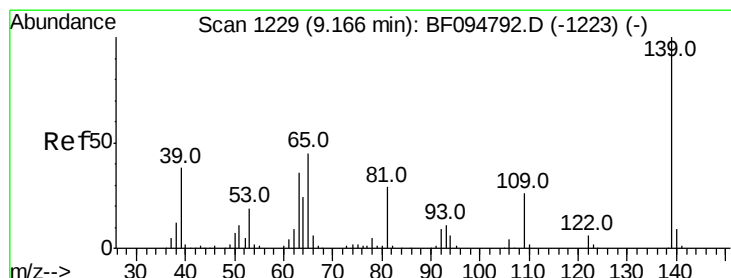
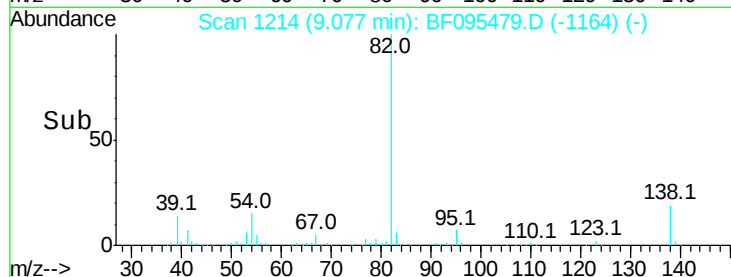
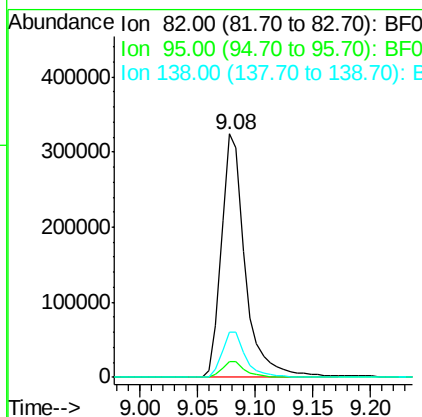
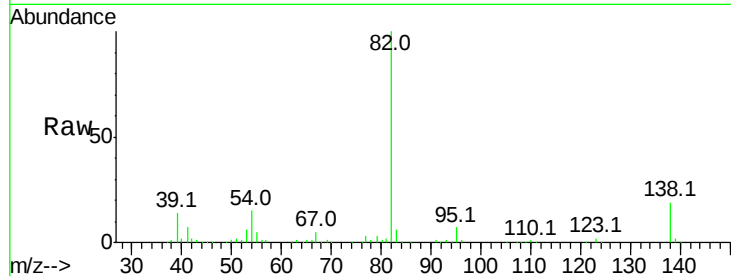
ClientSampleId :

PB99316BS

Tot Ion:	82	Resp:	462918
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.6	13.1	19.7

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#26

2-Nitrophenol

Concen: 29.86 ng

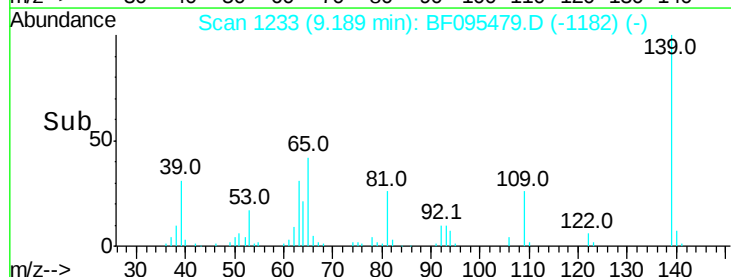
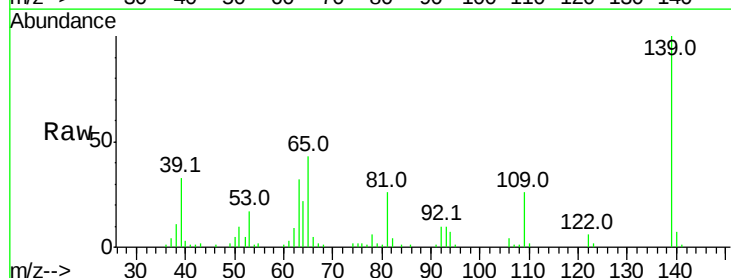
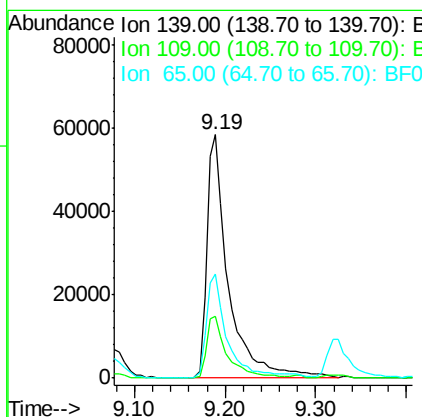
RT: 9.19 min Scan# 1233

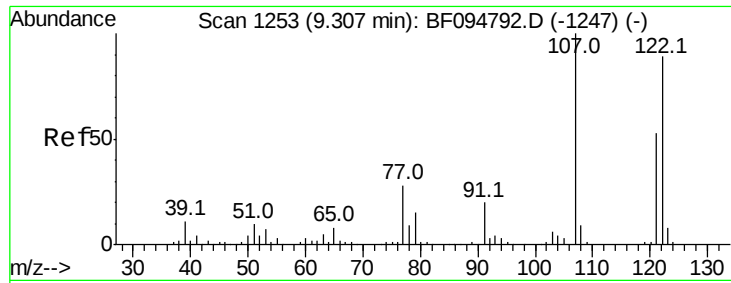
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	139	Resp:	97537
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.0	31.6
65	42.8	33.0	49.6





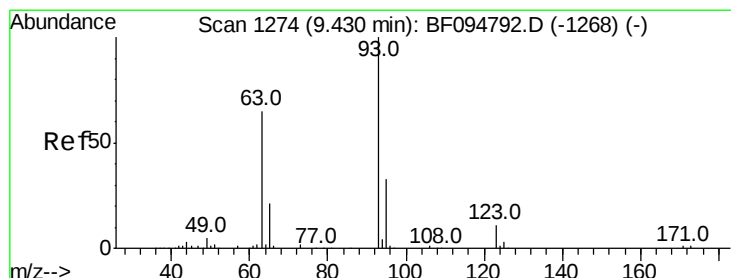
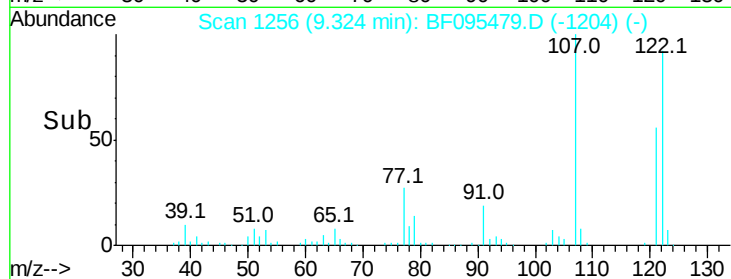
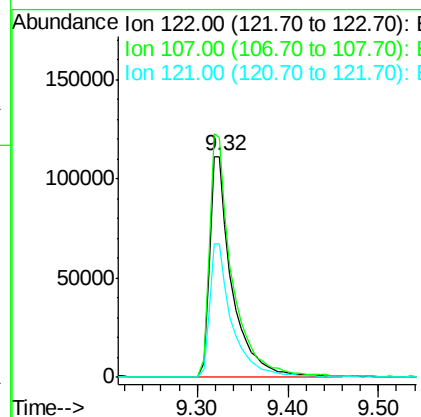
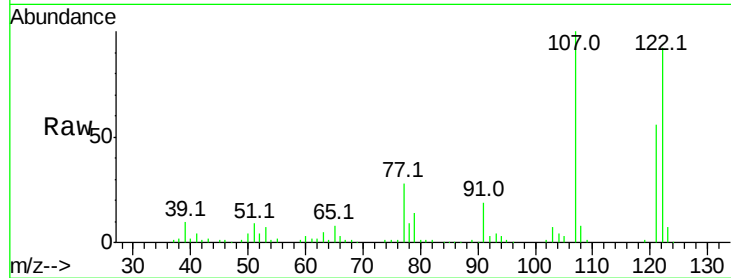
#27
 2,4-Dimethylphenol
 Concen: 36.66 ng
 RT: 9.32 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion:	122	Resp:	193580
Ion Ratio	Lower	Upper	
122	100		
107	108.6	89.2	133.8
121	60.7	45.2	67.8

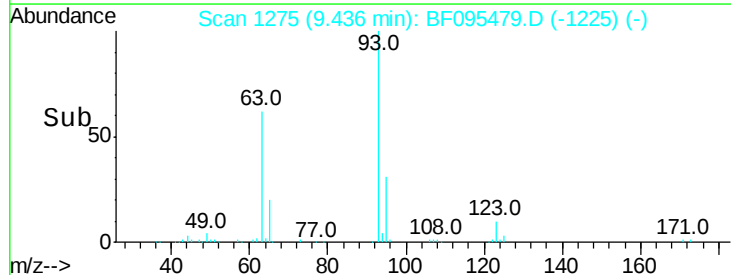
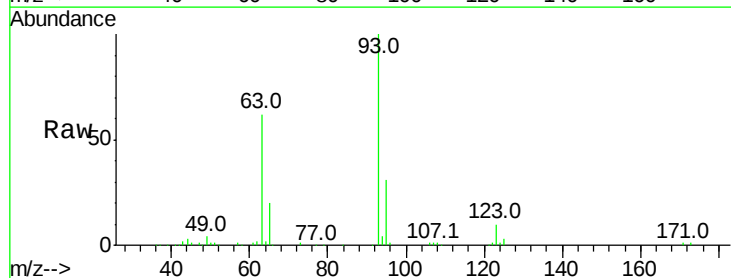
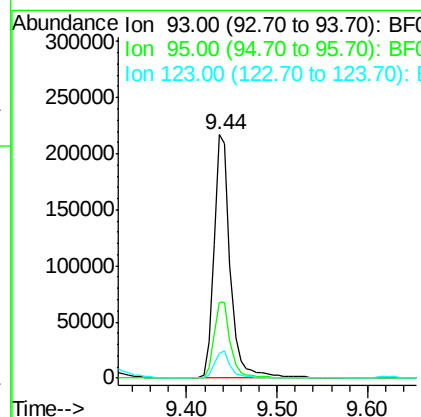
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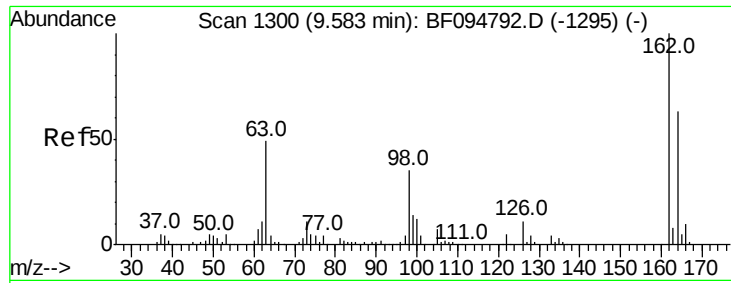
mohammad
 5/30/2017 1:37:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.46 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion:	93	Resp:	274380
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.5	39.7
123	10.2	9.0	13.4





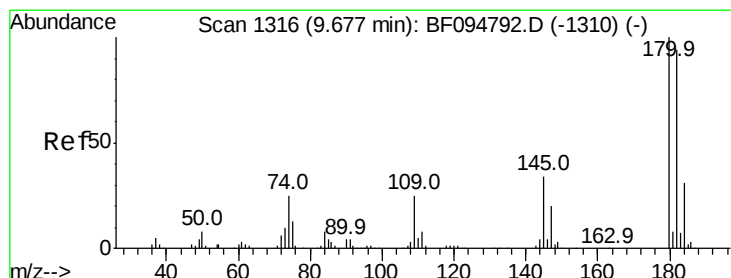
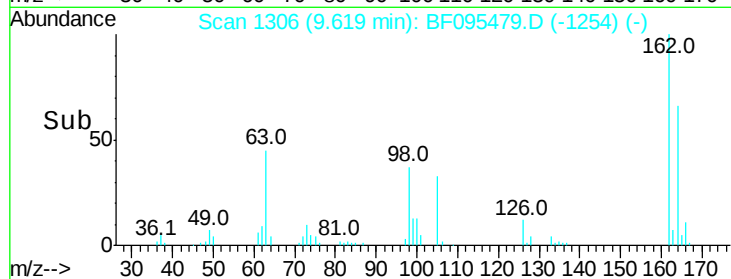
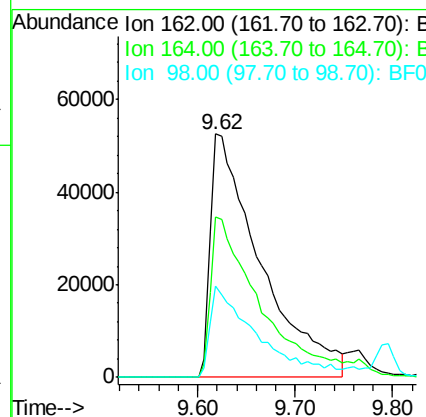
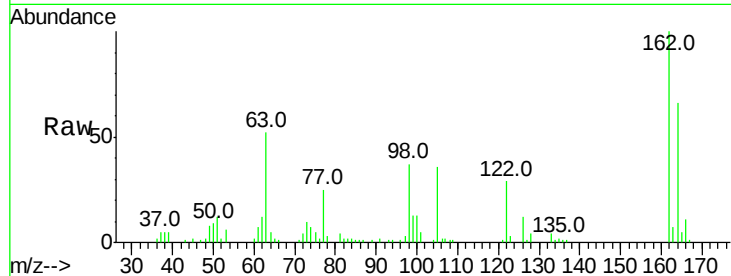
#29
 2,4-Dichlorophenol
 Concen: 37.67 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	44.6	84.6
98	37.4	14.8	54.8

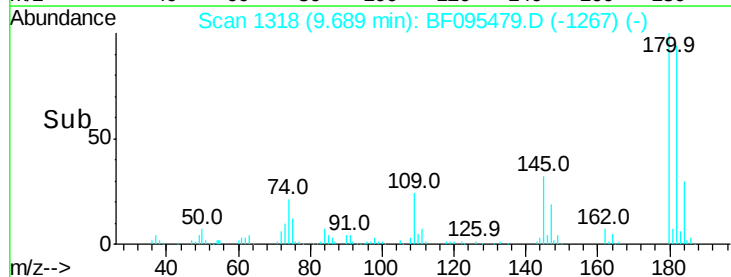
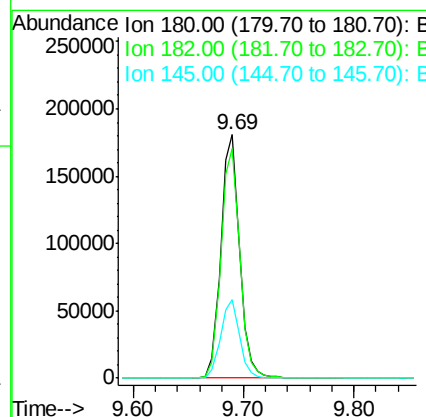
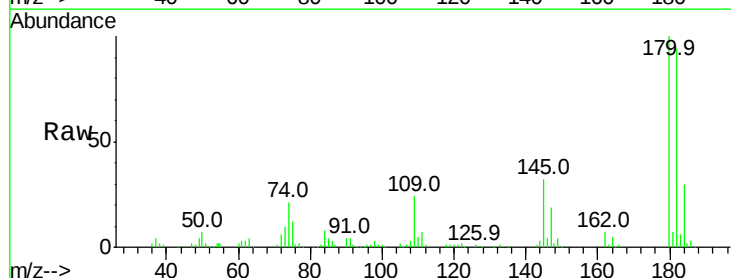
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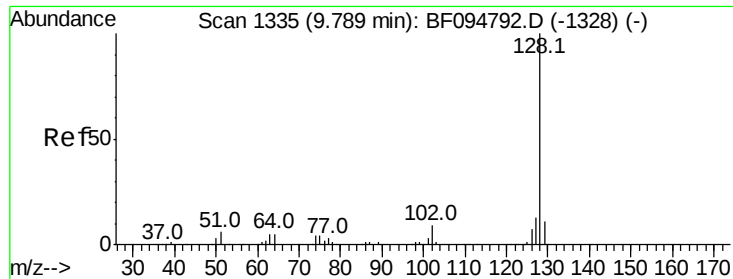
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.2	75.8	113.6
145	32.5	25.3	37.9





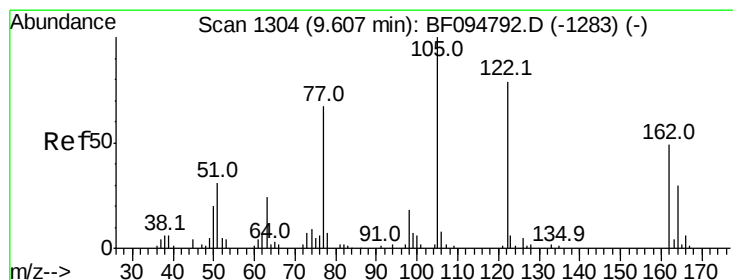
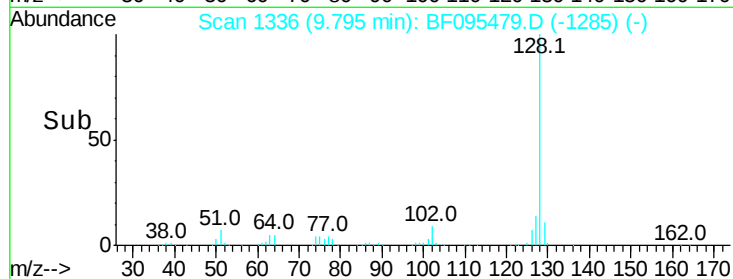
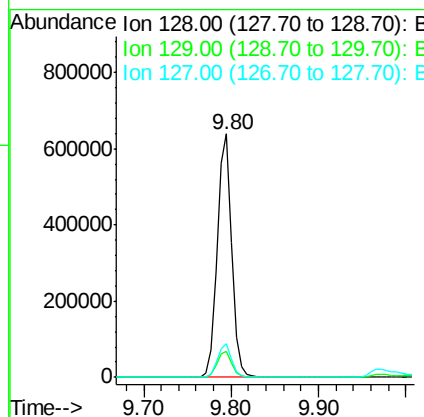
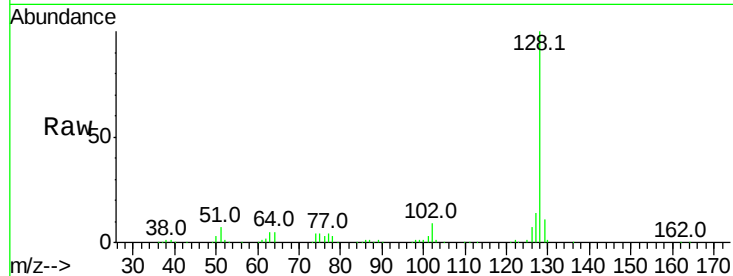
#31
Naphthalene
Concen: 40.21 ng
RT: 9.80 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.6	
127	13.6	10.8	16.2	

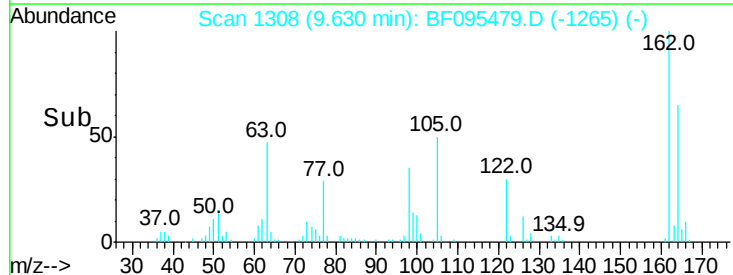
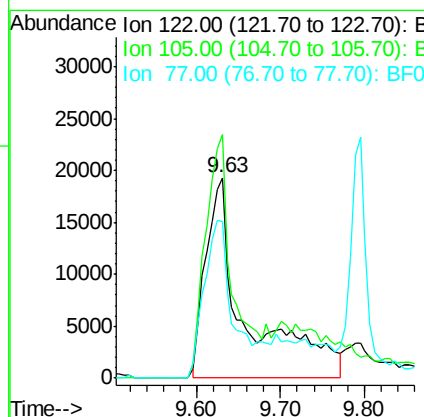
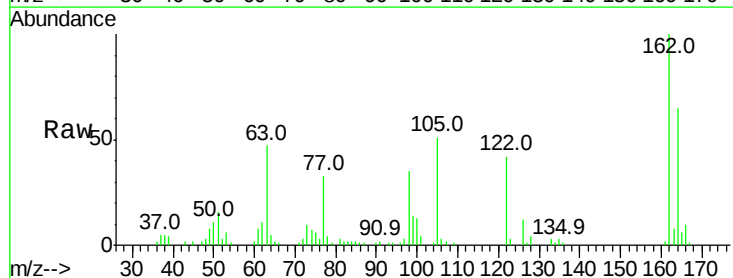
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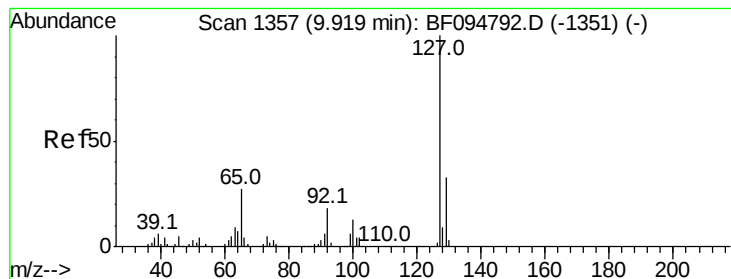
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#32
Benzoic acid
Concen: 21.73 ng m
RT: 9.63 min Scan# 1308
Delta R.T. -0.05 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.5	103.3	143.3	
77	78.2	73.7	113.7	





#33

4-Chloroaniline

Concen: 9.96 ng/mL

RT: 9.97 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

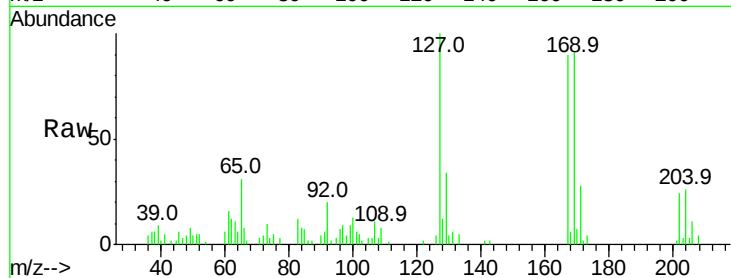
ClientSampleId :

PB99316BS

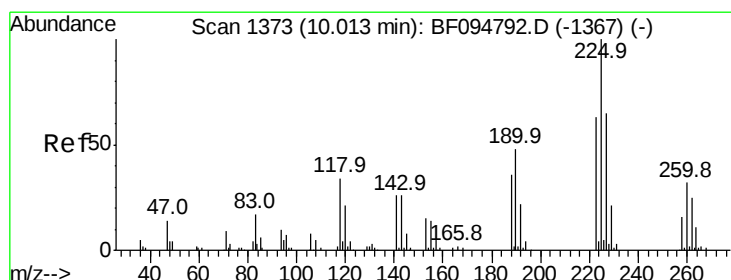
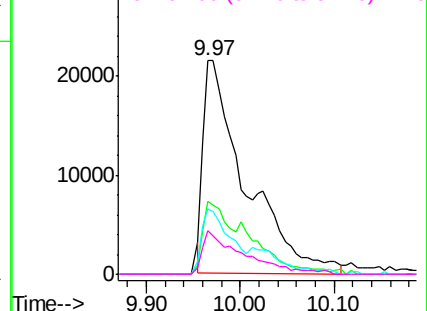
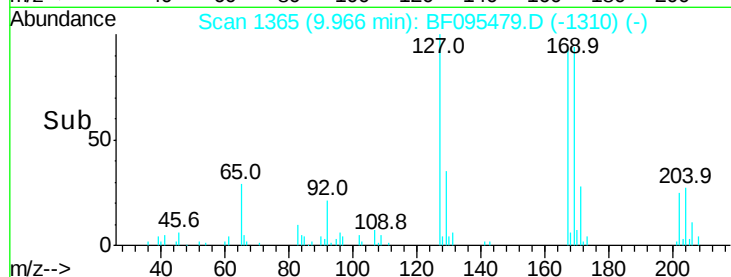
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.2	39.2
65	30.6	27.8	41.8
92	20.1	16.8	25.2

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



#34

Hexachlorobutadiene

Concen: 38.70 ng/mL

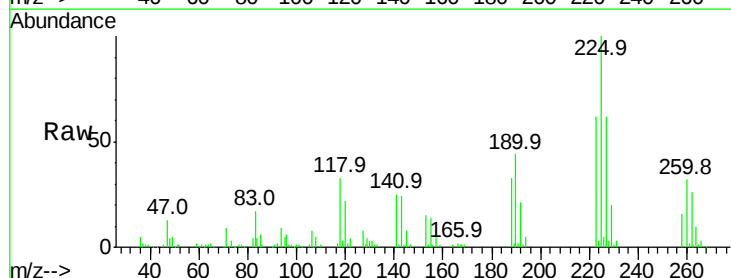
RT: 10.01 min Scan# 1372

Delta R.T. -0.00 min

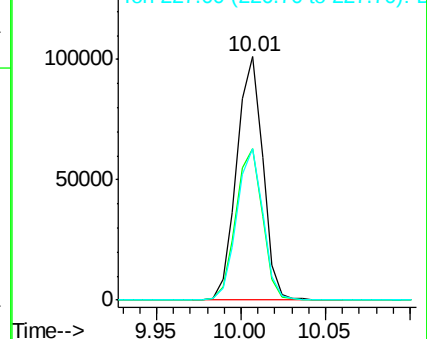
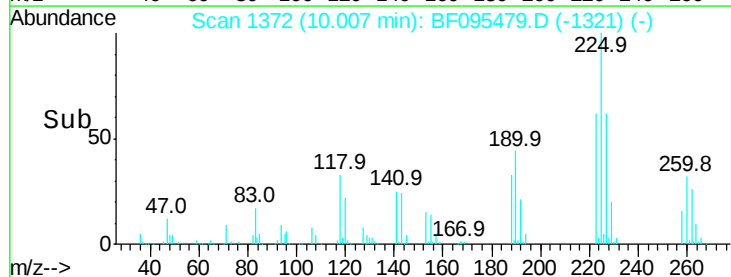
Lab File: BF095479.D

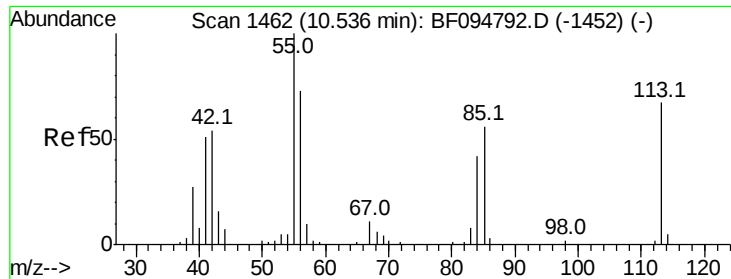
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	62.2	51.1	76.7



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





#35

Caprolactam

Concen: 42.26 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

ClientSampleID :

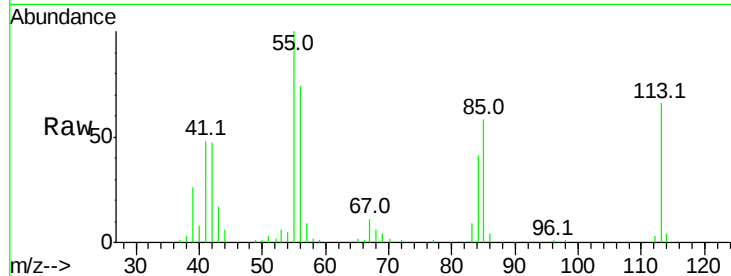
PB99316BS

Tot Ion:113 Resp: 63271

Ion	Ratio	Lower	Upper
113	100		
55	152.7	150.2	190.2
56	113.7	107.8	147.8

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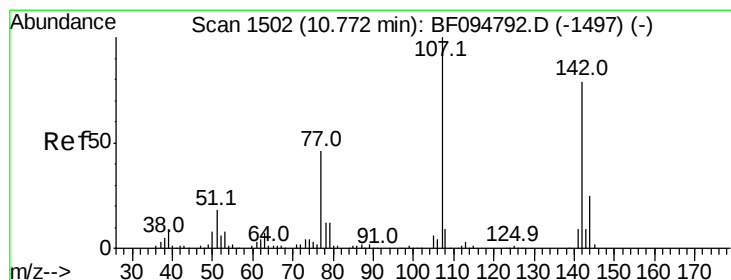
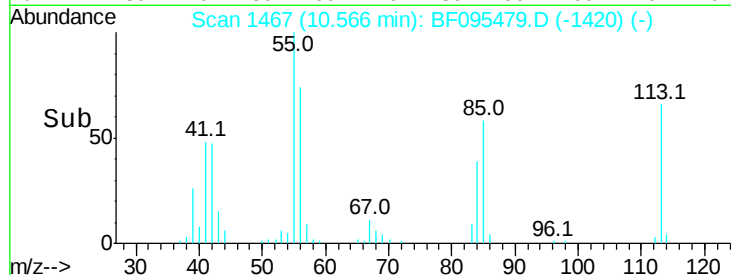
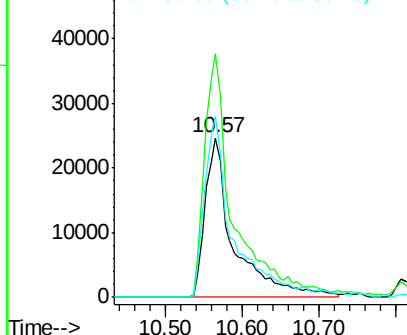
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.49 ng

RT: 10.81 min Scan# 1508

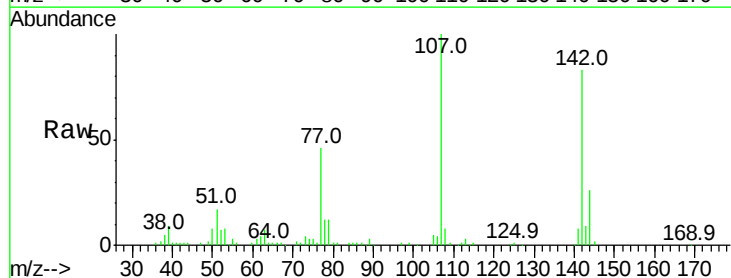
Delta R.T. 0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:107 Resp: 210519

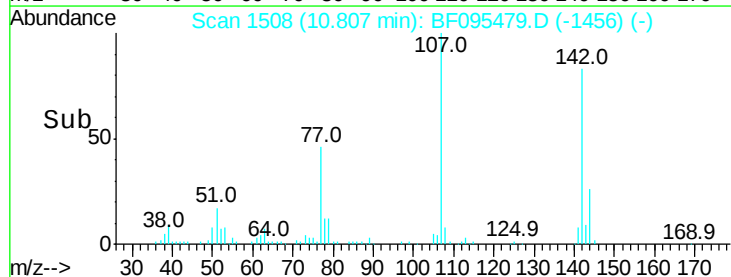
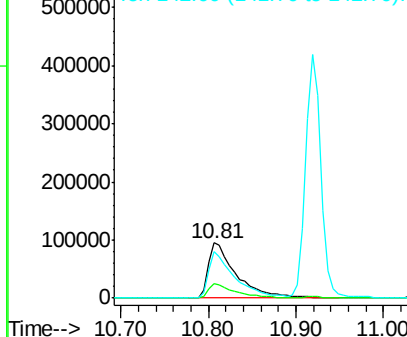
Ion	Ratio	Lower	Upper
107	100		
144	25.7	24.2	36.4
142	83.2	73.4	110.0

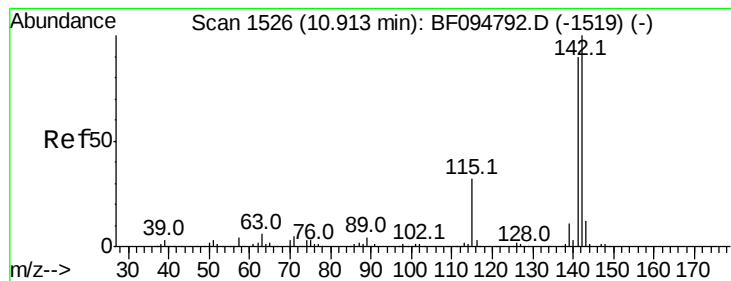


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.04 ng

RT: 10.92 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

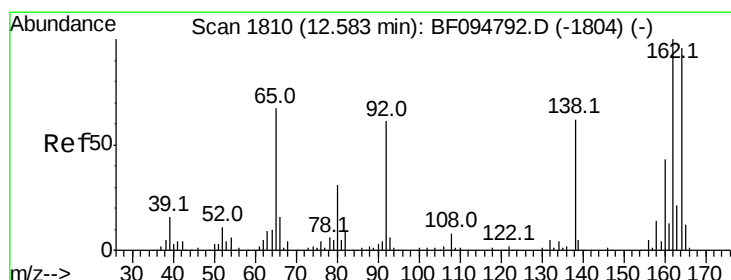
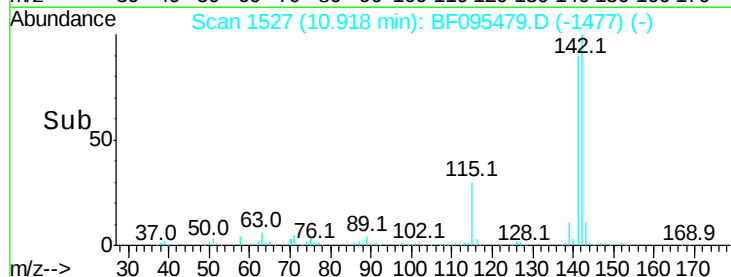
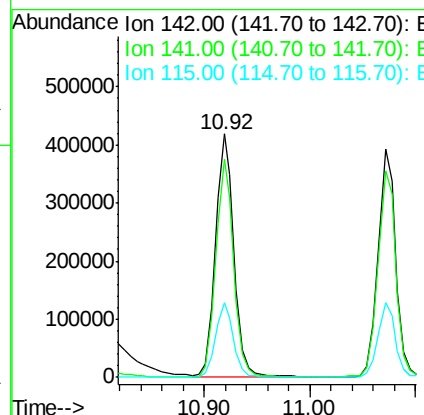
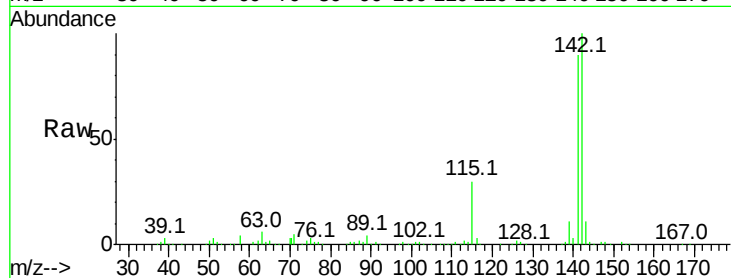
ClientSampled :

PB99316BS

Tot Ion:	142	Resp:	516966
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.3	106.9
115	30.5	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

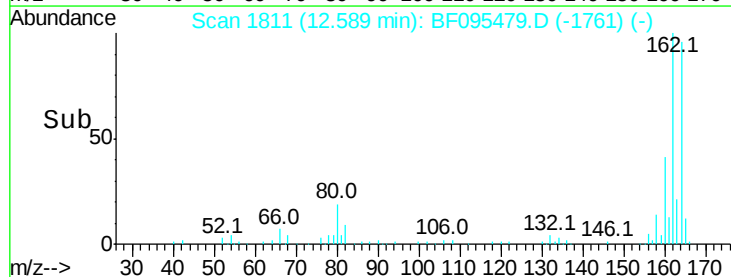
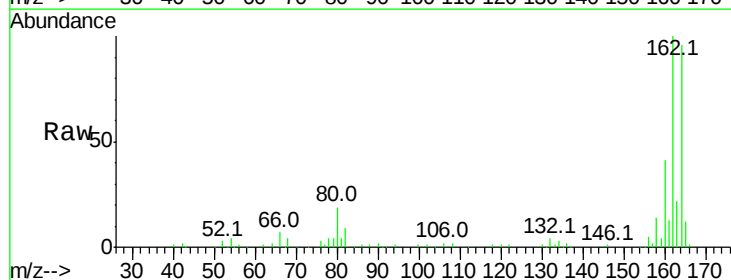
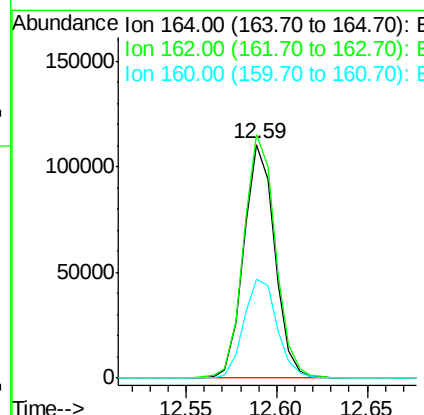
RT: 12.59 min Scan# 1811

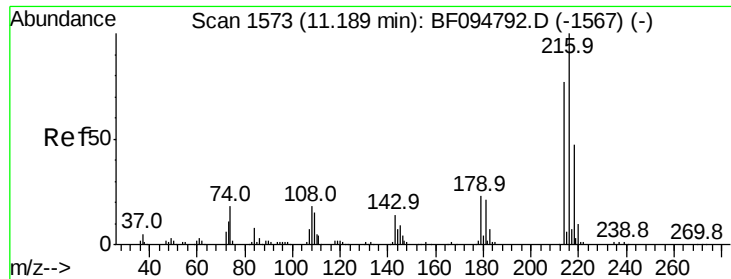
Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	164	Resp:	131274
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.6	123.8
160	42.6	36.2	54.2





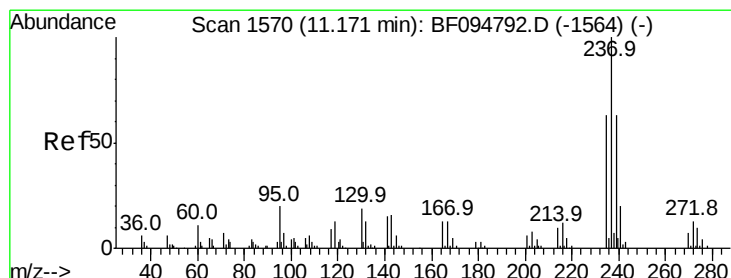
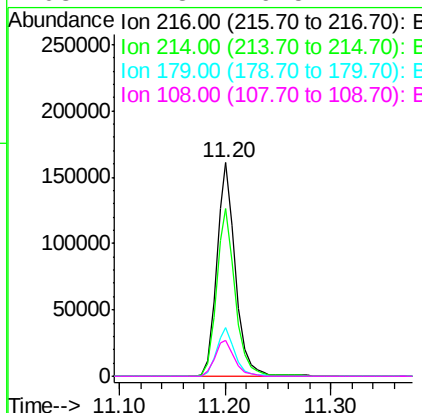
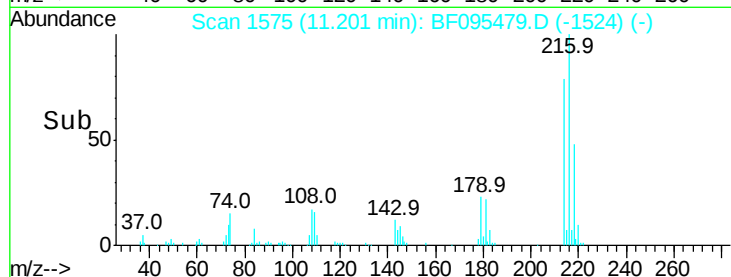
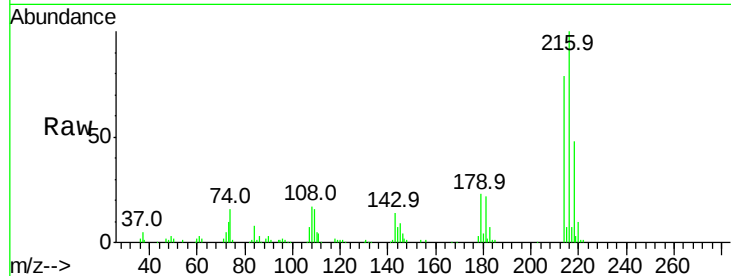
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.36 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	199256		
214	78.6	63.4	95.2	
179	22.2	17.9	26.9	
108	17.8	16.5	24.7	

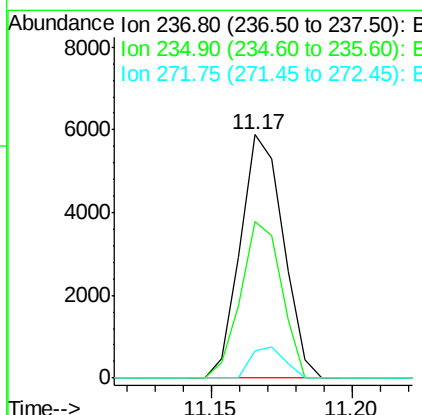
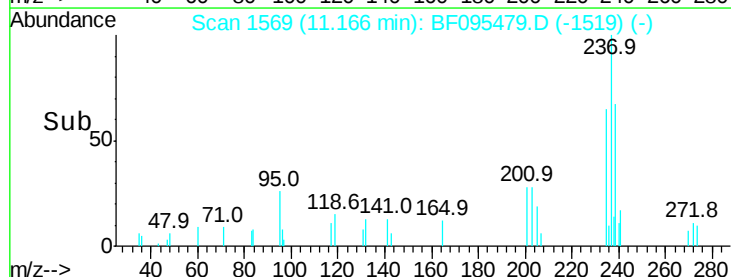
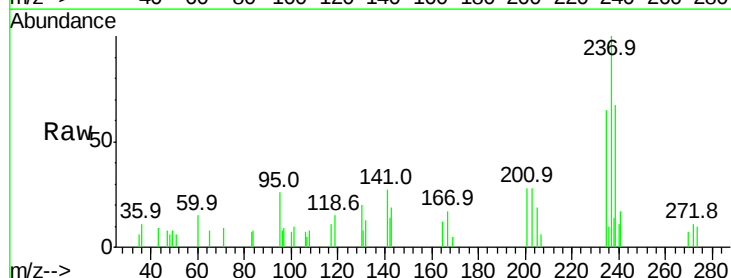
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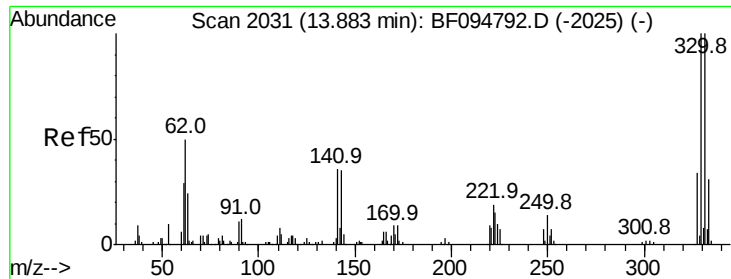
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#40
 Hexachlorocyclopentadiene
 Concen: 9.43 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	6202		
235	64.5	42.6	82.6	
272	11.3	0.0	31.9	





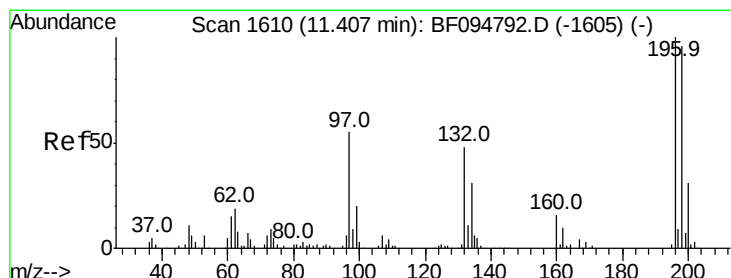
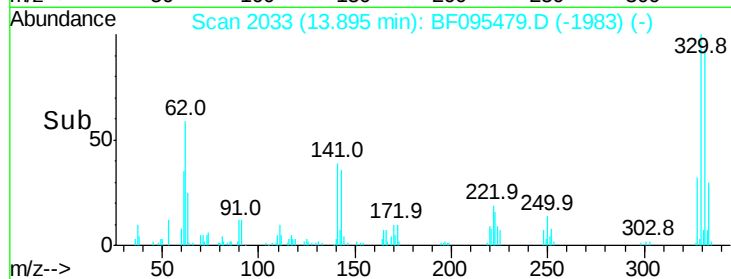
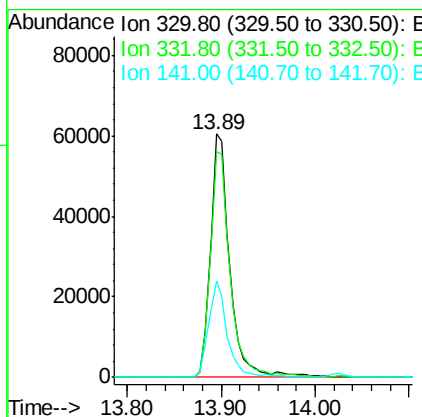
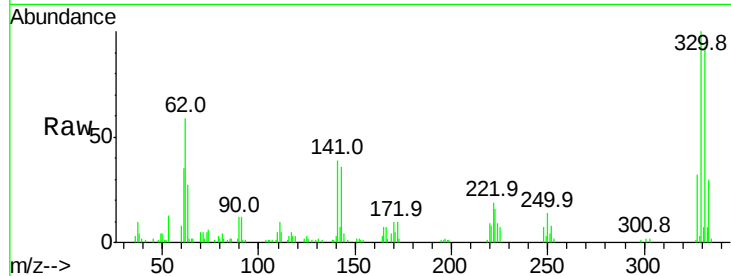
#41
 2,4,6-Tribromophenol
 Concen: 81.88 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.6	115.0	
141	38.2	31.4	47.2	

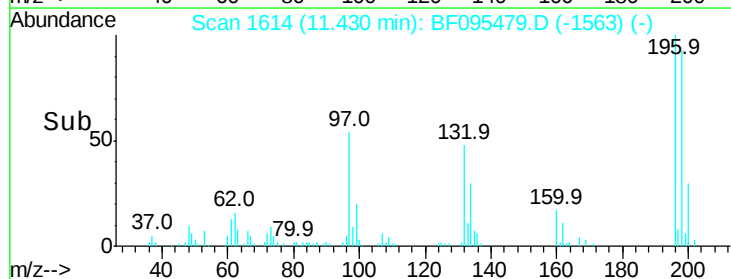
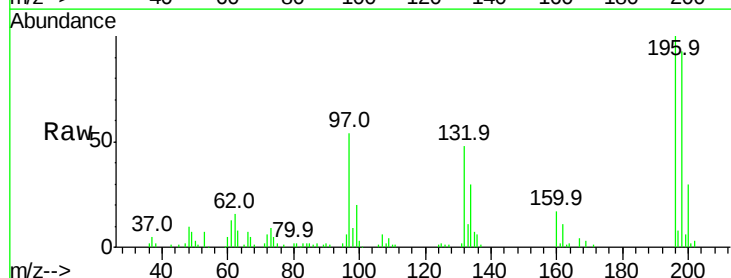
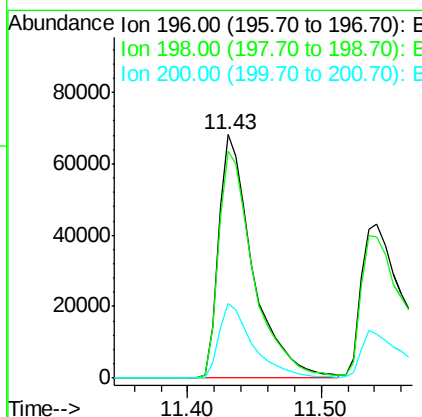
Manual Integrations
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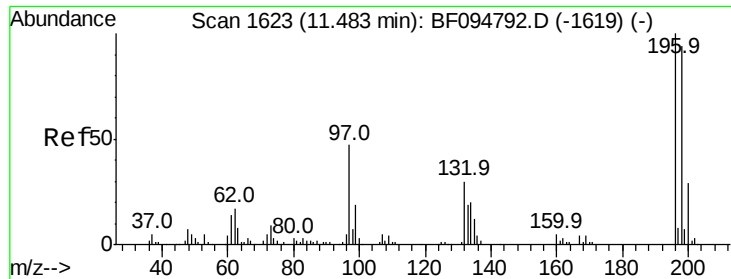
mohammad
 5/30/2017 1:37:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.41 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.4	74.2	111.4	
200	30.5	24.0	36.0	





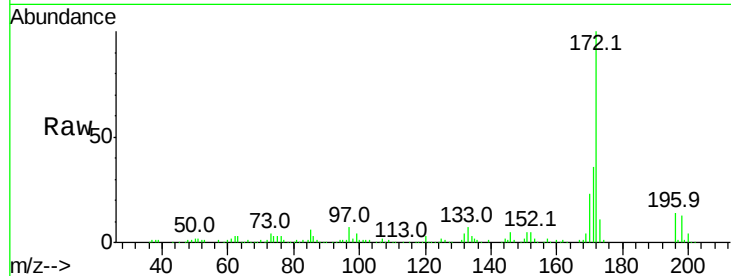
#43
 2,4,5-Trichlorophenol
 Concen: 37.29 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.02 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108043		
198	92.4	75.7	113.5	
97	48.8	47.7	71.5	
132	31.3	28.0	42.0	

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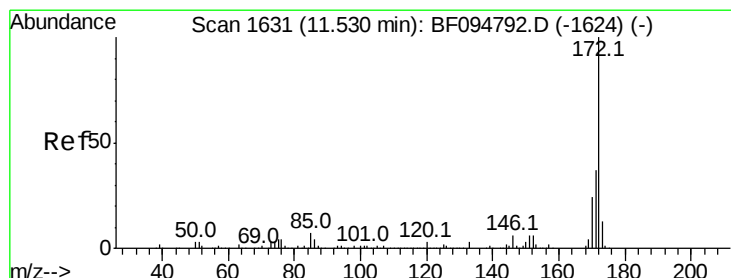
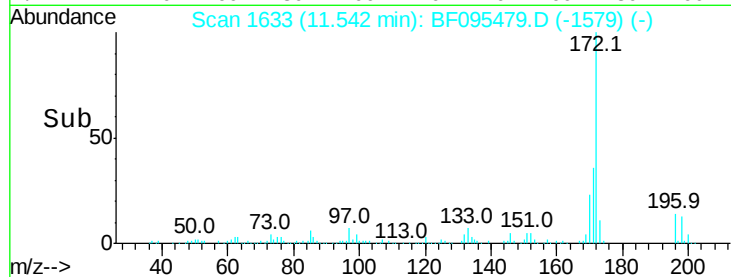
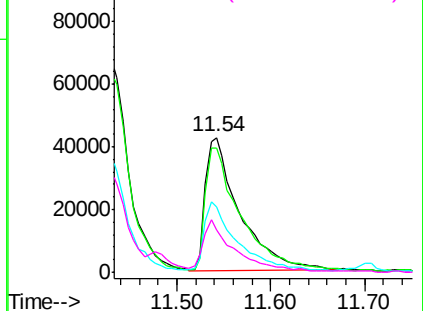
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.73 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

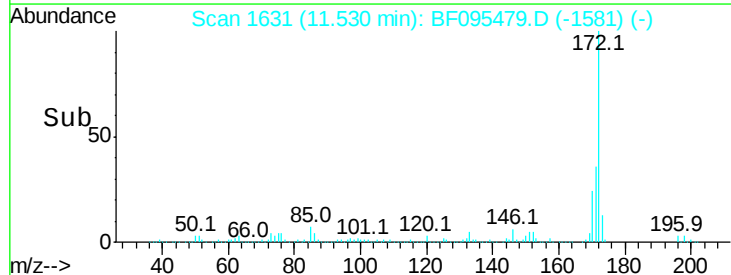
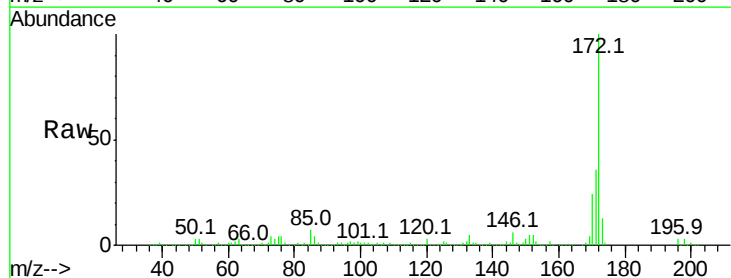
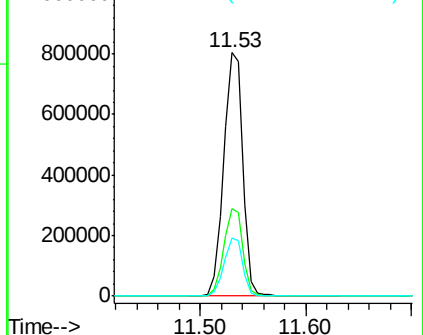
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1009881		
171	36.1	29.6	44.4	
170	23.6	19.8	29.8	

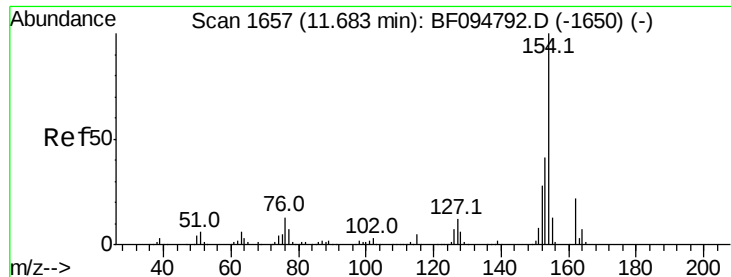
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 52.77 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

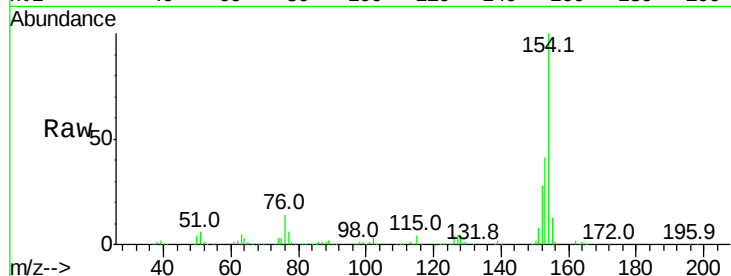
ClientSampleId :

PB99316BS

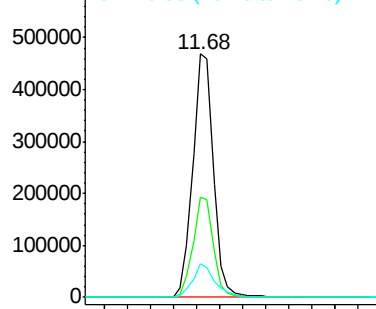
Tot Ion:	154	Resp:	583268
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.2	61.2
76	13.7	0.0	29.9

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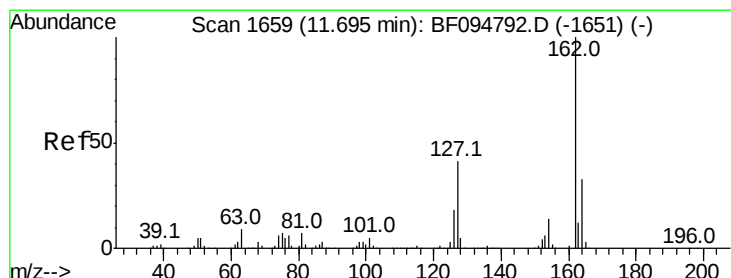
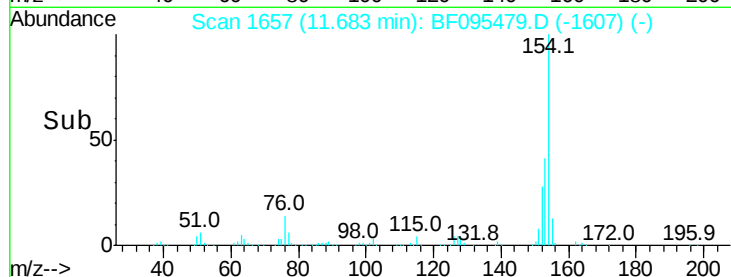
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time--> 11.60 11.70 11.80



#46

2-Chloronaphthalene

Concen: 50.18 ng

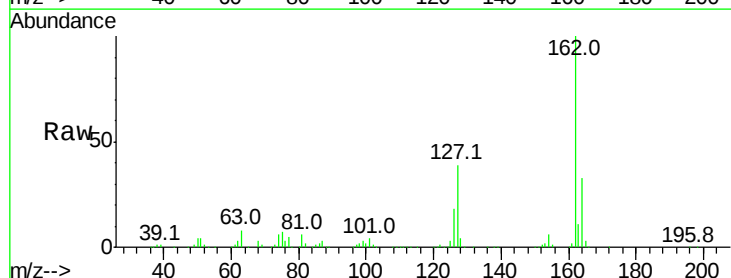
RT: 11.71 min Scan# 1661

Delta R.T. -0.00 min

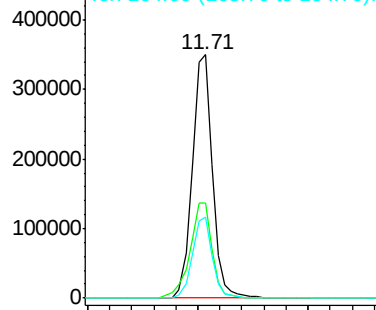
Lab File: BF095479.D

Acq: 27 May 2017 2:17

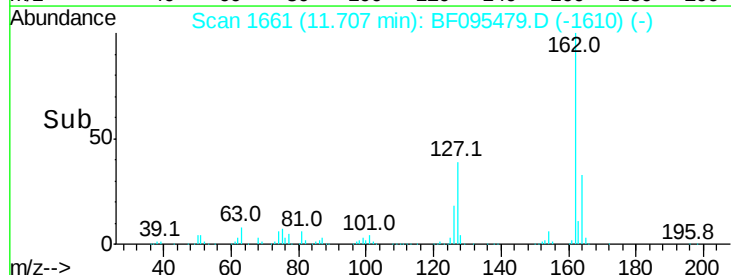
Tgt Ion:	162	Resp:	447867
Ion Ratio	Lower	Upper	
162	100		
127	39.2	28.3	42.5
164	33.1	27.0	40.4

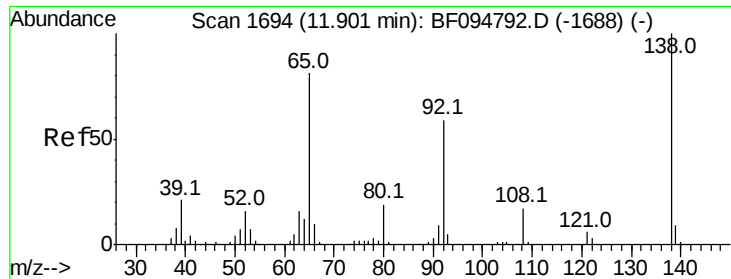


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 11.60 11.70 11.80





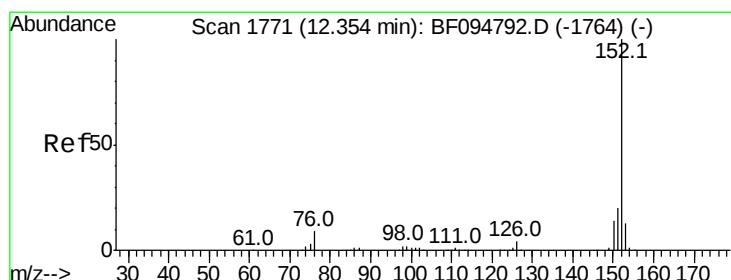
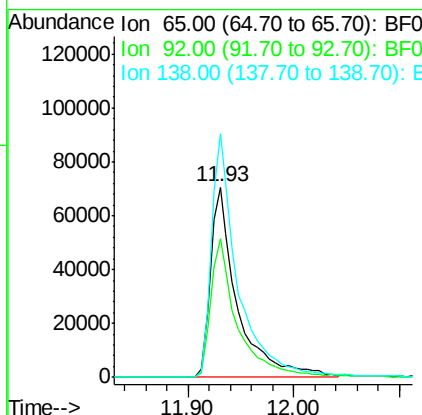
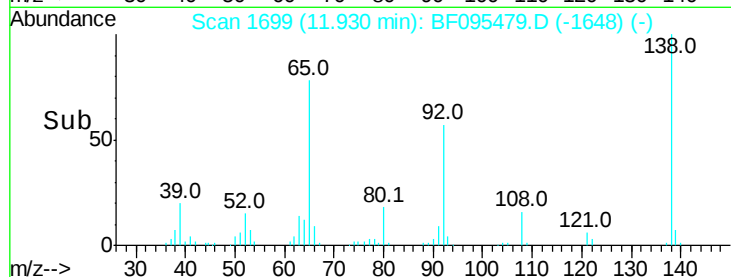
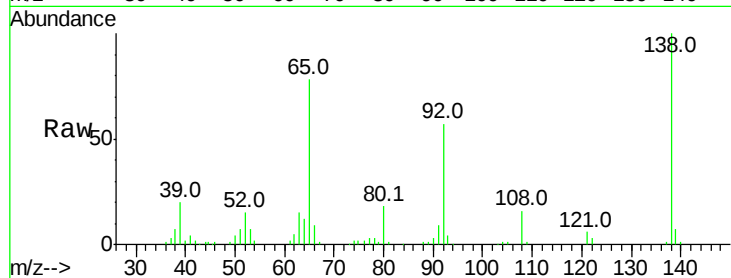
#47
 2-Nitroaniline
 Concen: 51.30 ng
 RT: 11.93 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.9	80.9
138	128.1	78.8	118.2

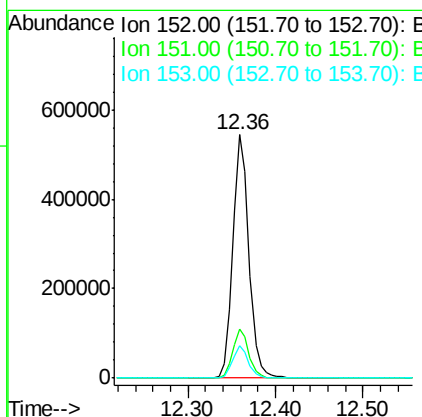
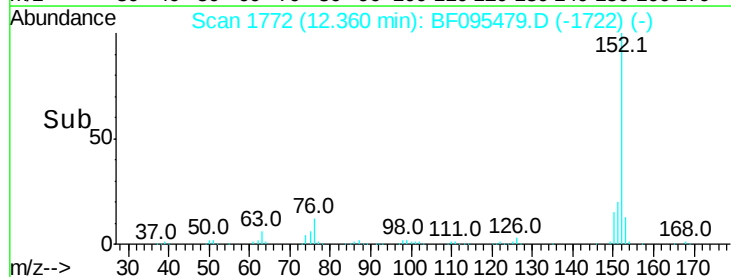
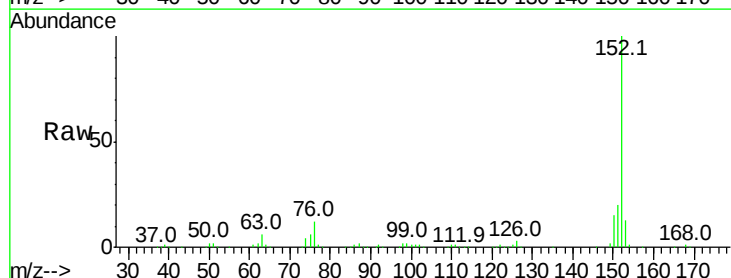
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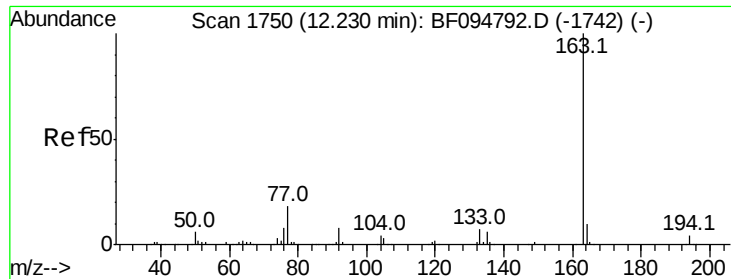
mohammad
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#48
 Acenaphthylene
 Concen: 48.91 ng
 RT: 12.36 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.4	10.8	16.2





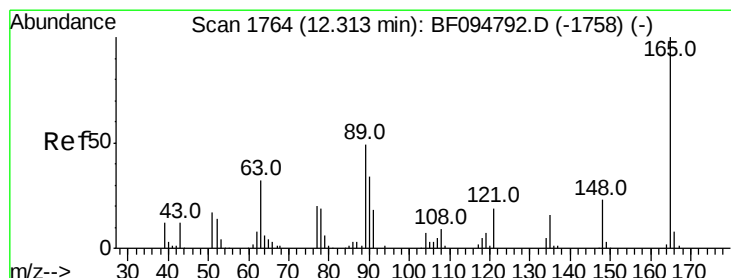
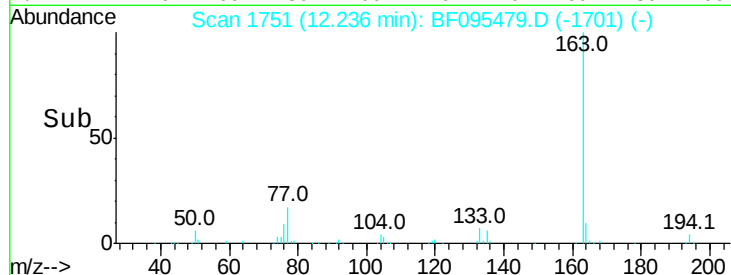
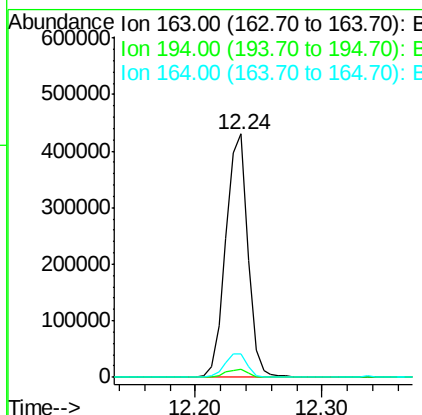
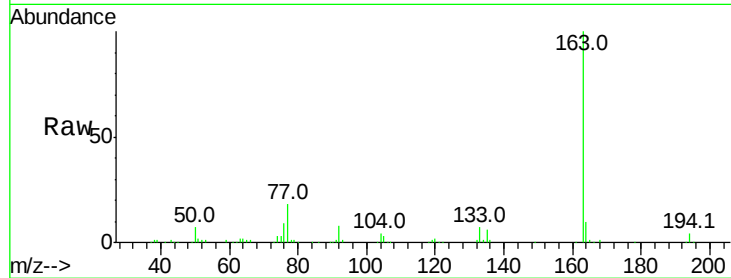
#49
Dimethylphthalate
Concen: 48.07 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	9.5	8.4	12.6	

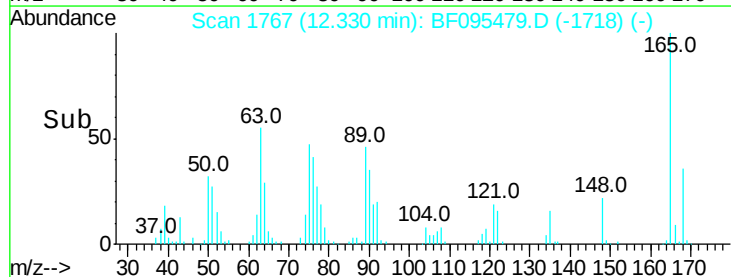
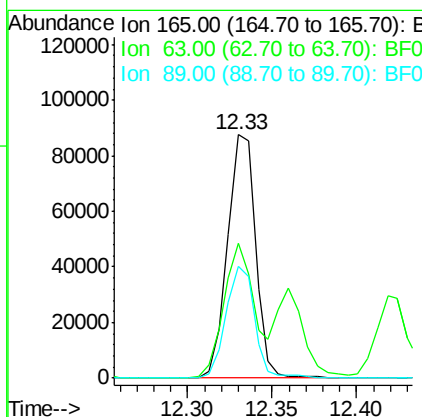
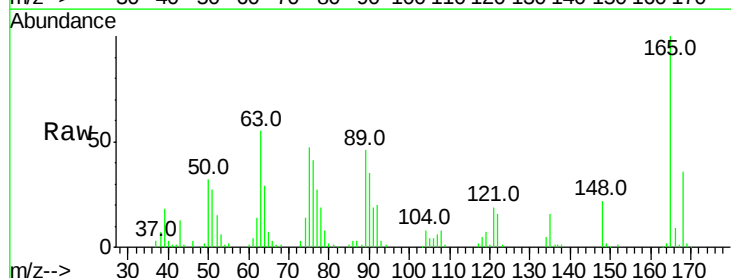
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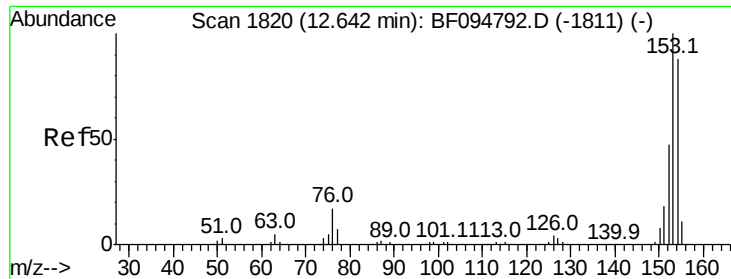
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.12 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.3	34.3	51.5#	
89	45.9	37.1	55.7	





#51

Acenaphthene

Concen: 45.06 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

ClientSampleId :

PB99316BS

Tot Ion:154 Resp: 376180

Ion Ratio Lower Upper

154 100

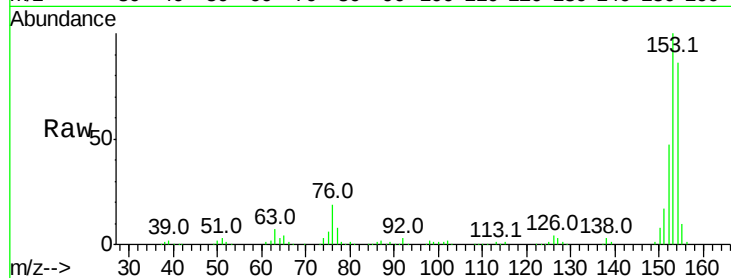
153 115.7 90.5 135.7

152 54.4 43.6 65.4

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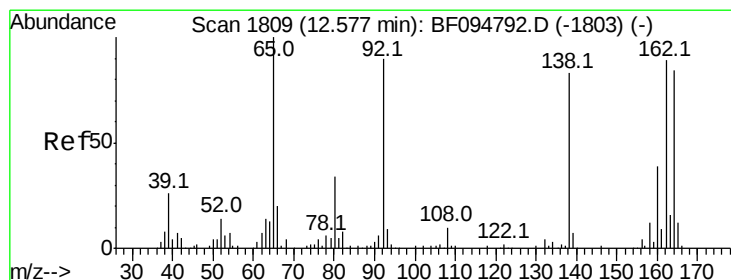
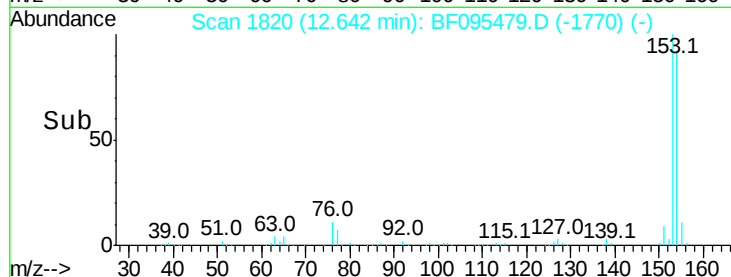
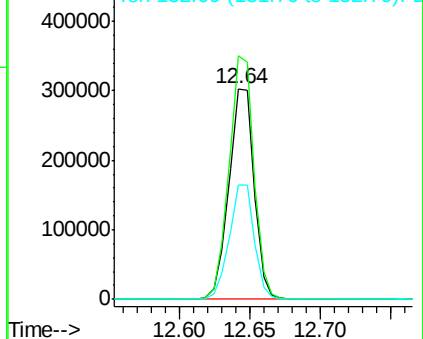
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.19 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

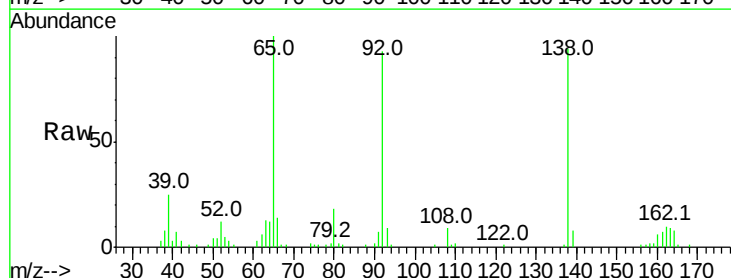
Tgt Ion:138 Resp: 85405

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

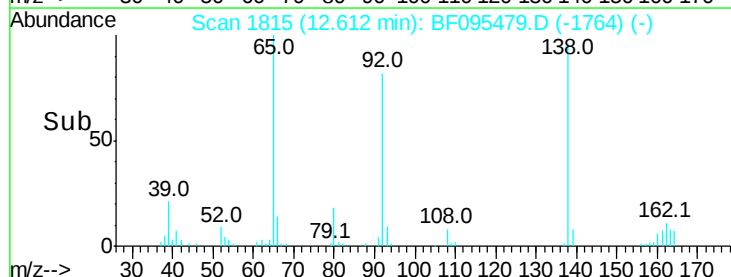
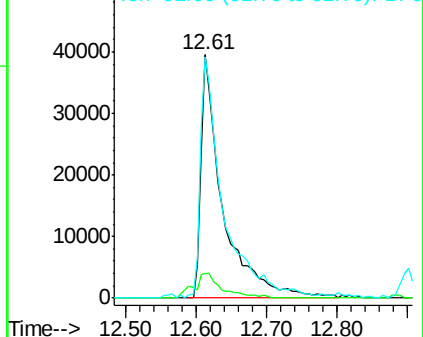
92 99.2 93.8 140.6

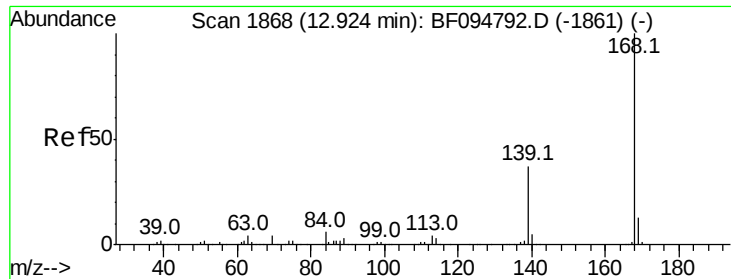


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 51.28 ng

RT: 12.94 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

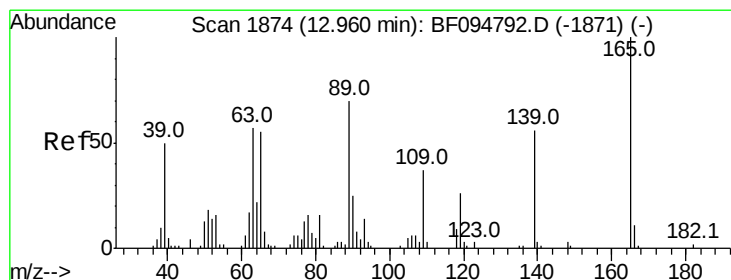
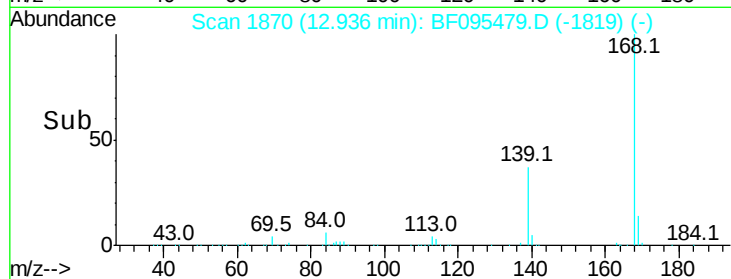
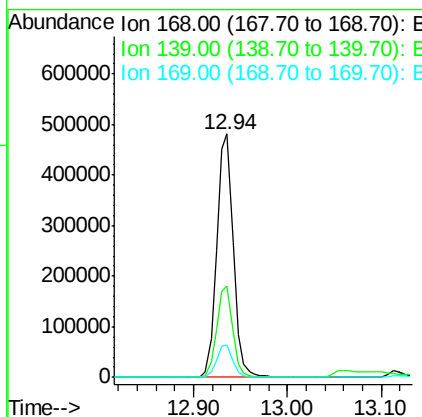
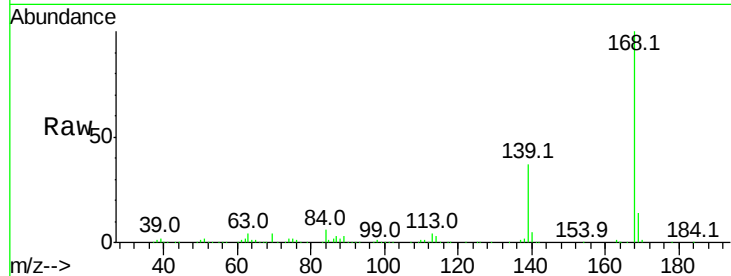
ClientSampleId :

PB99316BS

Tot Ion:	168	Resp:	592441
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.6	45.8
169	13.5	10.8	16.2

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#55

4-Nitrophenol

Concen: 53.71 ng

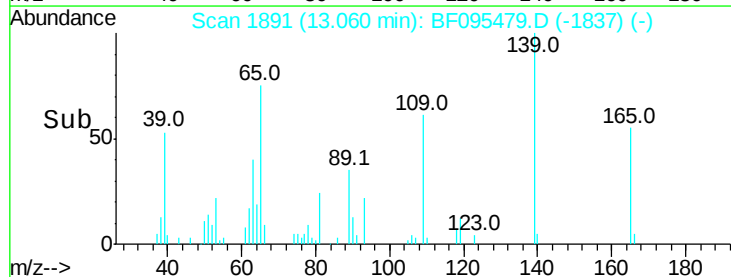
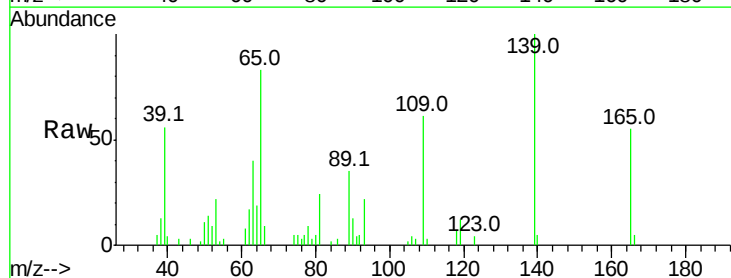
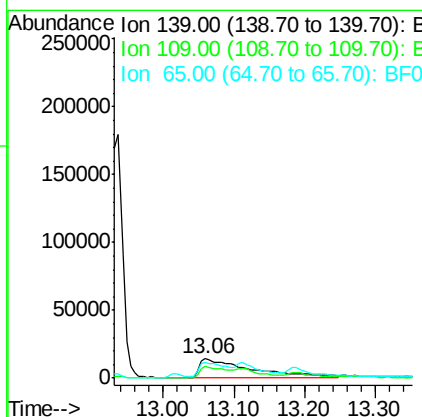
RT: 13.06 min Scan# 1891

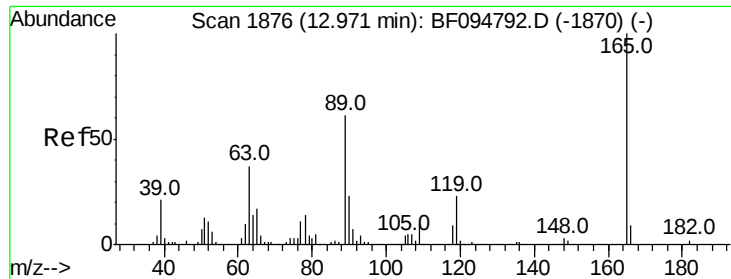
Delta R.T. 0.02 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	139	Resp:	76118
Ion Ratio	Lower	Upper	
139	100		
109	60.9	34.1	74.1
65	83.3	31.4	71.4#





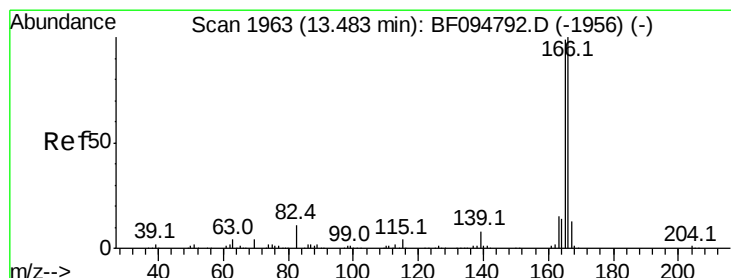
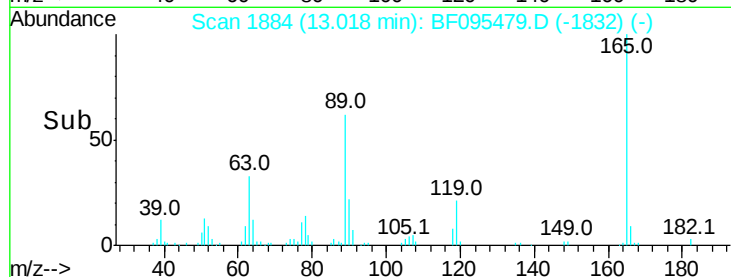
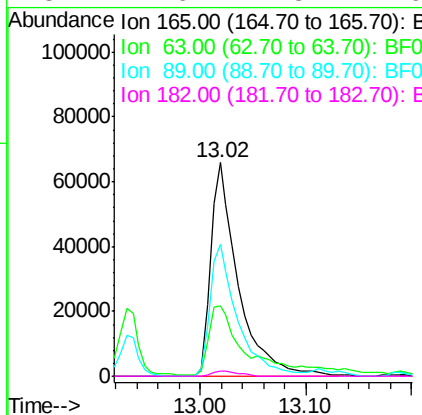
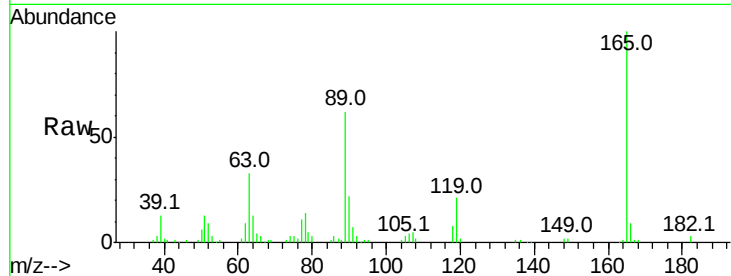
#56
2,4-Dinitrotoluene
Concen: 42.42 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	119856		
63	33.2	25.4	38.0	
89	61.6	46.4	69.6	
182	2.6	1.8	2.6	

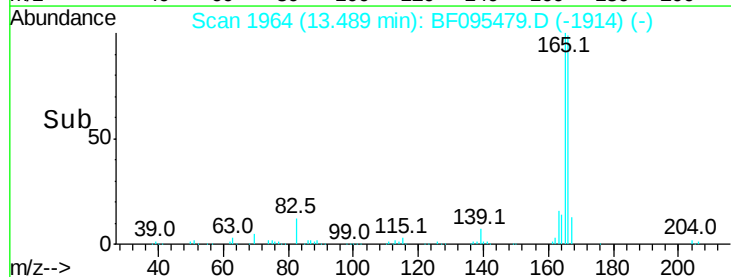
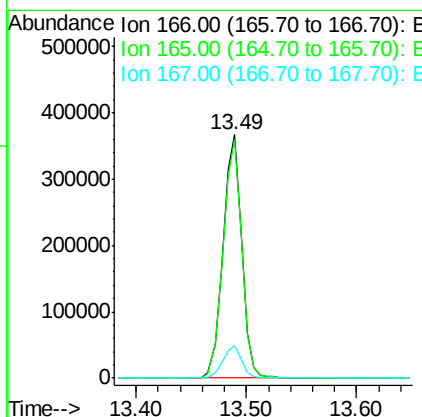
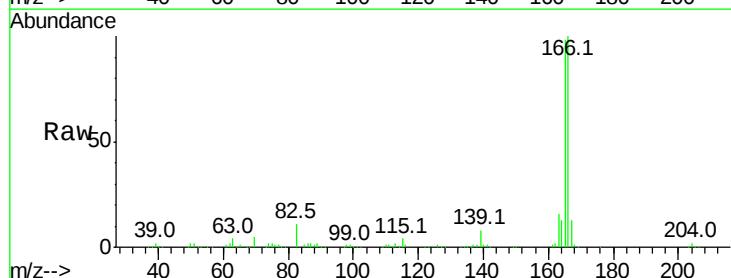
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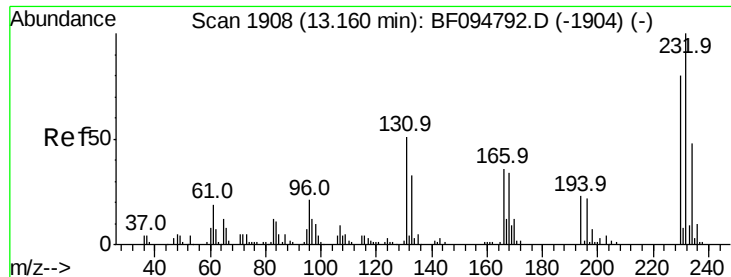
mohammad
5/30/2017 1:37:17 PM



#57
Fluorene
Concen: 43.36 ng
RT: 13.49 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	435601		
165	97.9	78.8	118.2	
167	13.2	10.6	16.0	





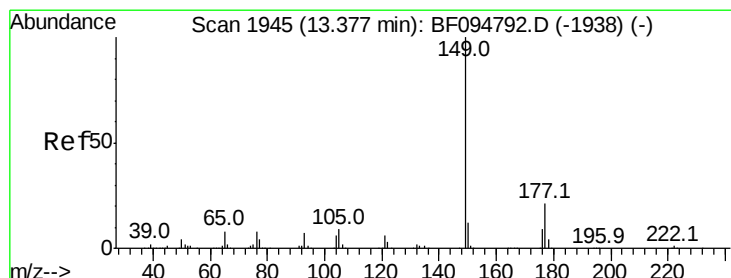
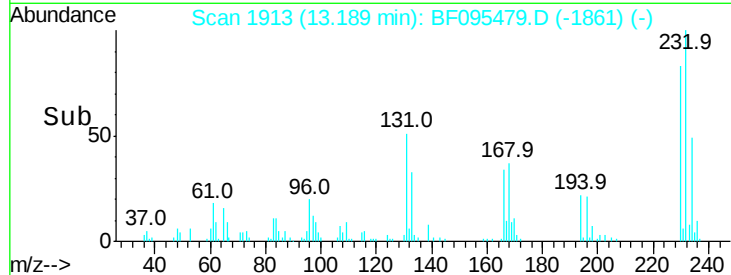
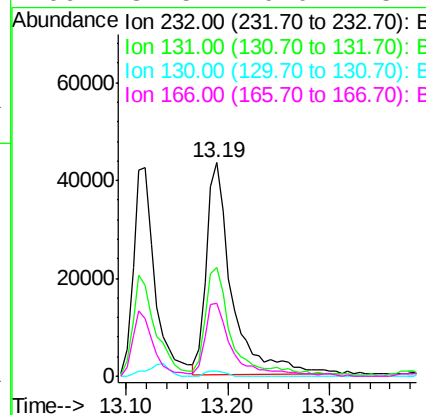
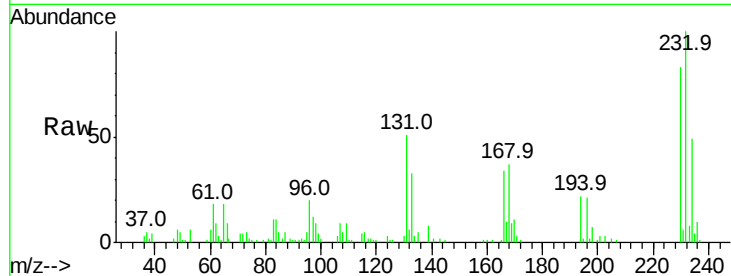
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.56 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.2	44.8	67.2#
130	1.9	2.3	3.5#
166	37.5	29.0	43.4

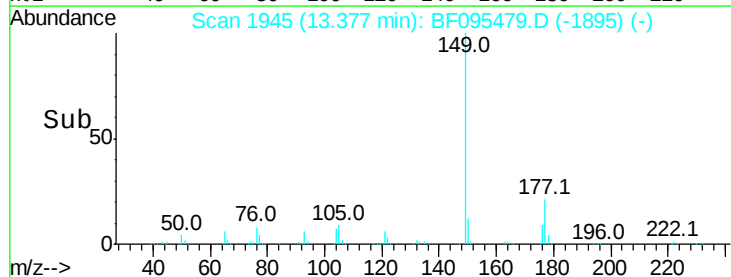
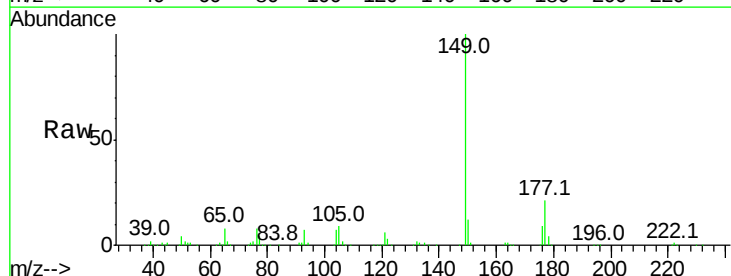
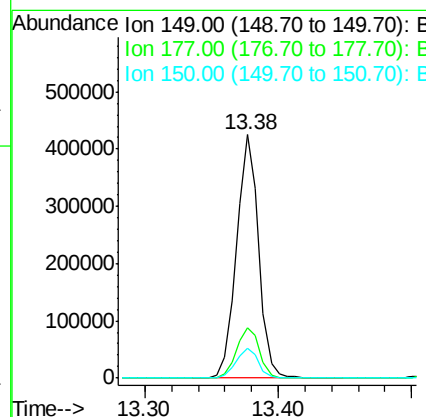
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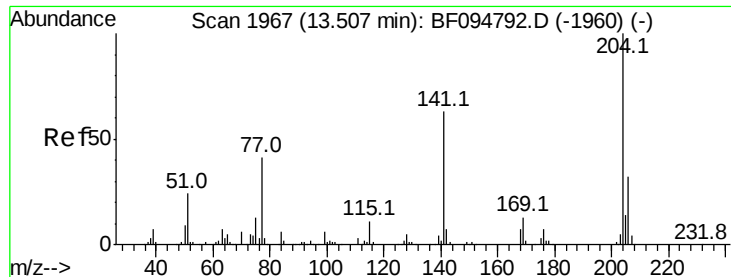
mohammad
 5/30/2017 1:37:17 PM



#59
 Diethylphthalate
 Concen: 47.70 ng
 RT: 13.38 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.2	10.2	15.2





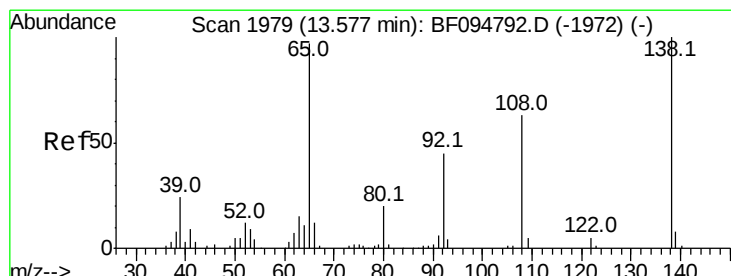
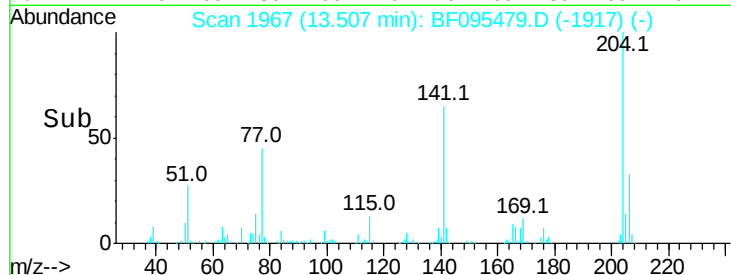
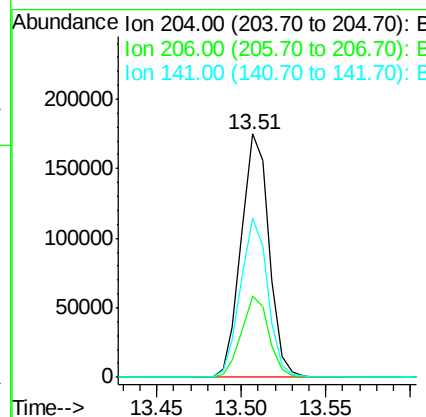
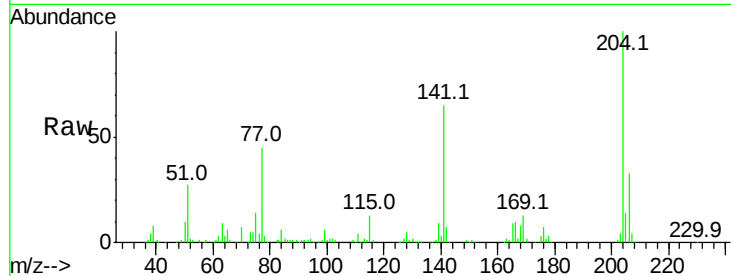
#60
4-Chlorophenyl-phenylether
Concen: 45.62 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	65.5	60.8	91.2

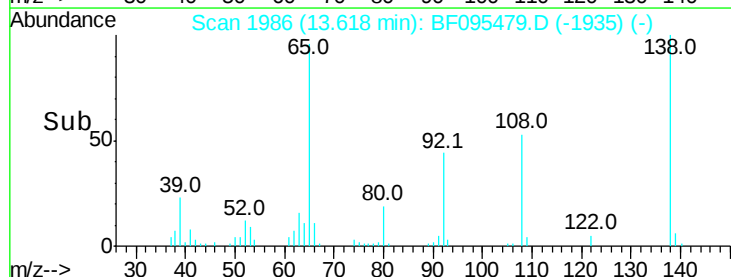
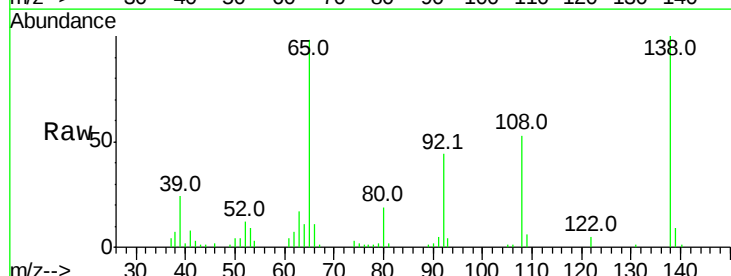
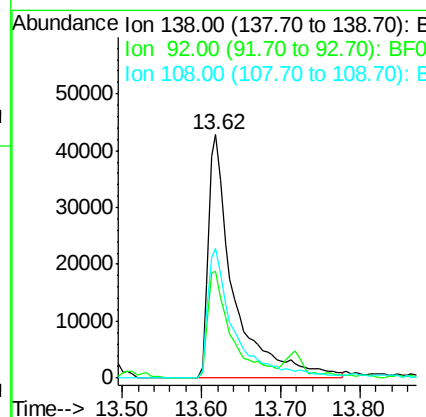
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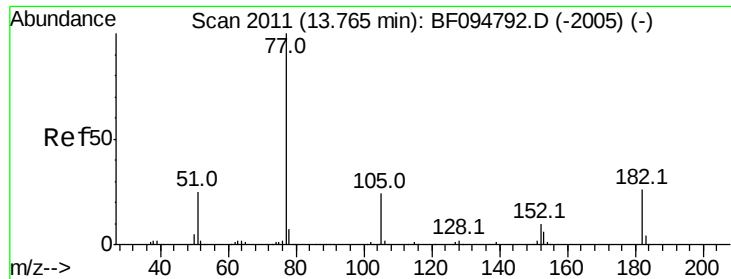
mohammad
5/30/2017 1:37:17 PM



#61
4-Nitroaniline
Concen: 44.22 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	21.8	61.8
108	53.4	42.3	82.3





#62

Azobenzene

Concen: 51.89 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

ClientSampleId :

PB99316BS

Tot Ion: 77 Resp: 430700

Ion Ratio Lower Upper

77 100

182 24.0 0.1 40.1

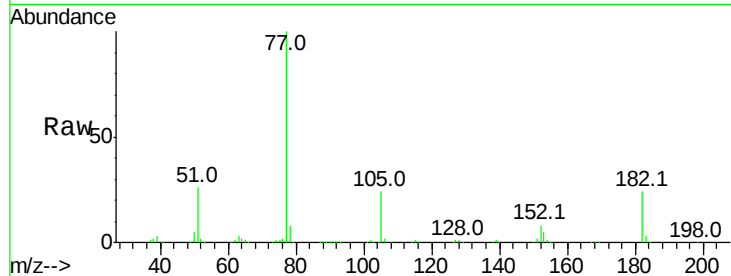
105 24.3 3.6 43.6

51 26.1 9.4 49.4

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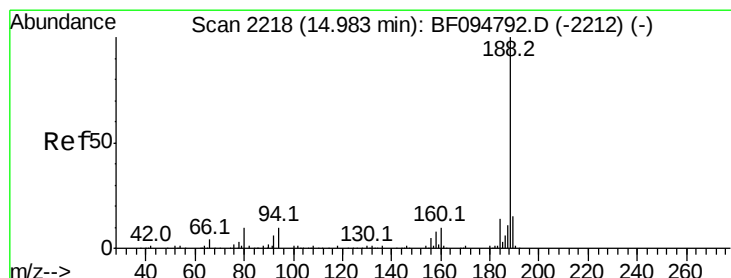
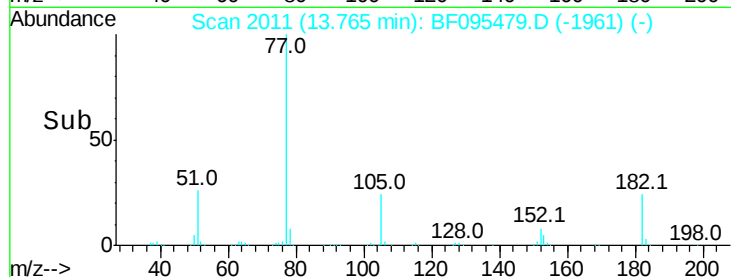
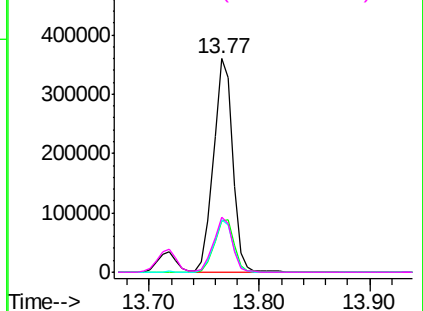


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.99 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

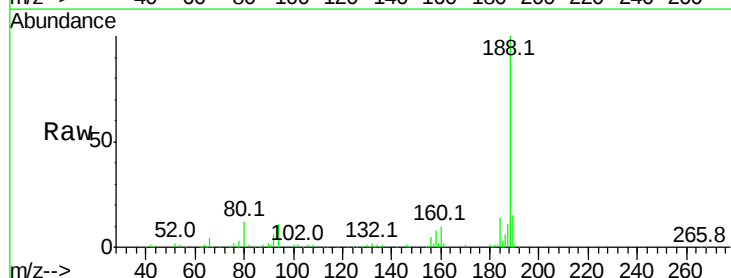
Tgt Ion: 188 Resp: 231500

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

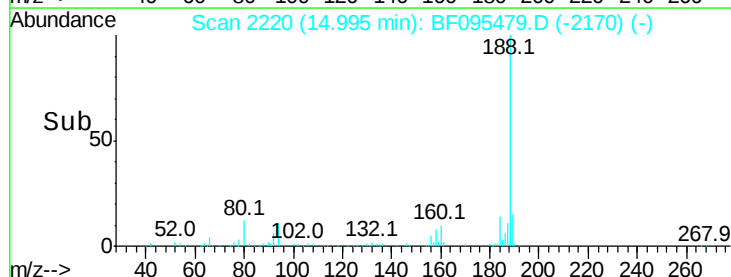
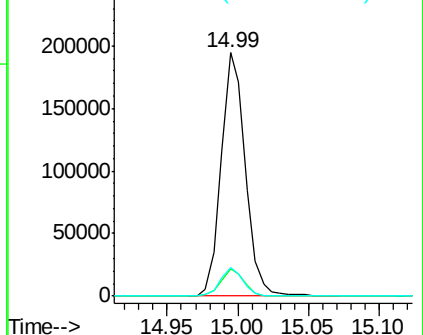
80 11.6 10.2 15.2

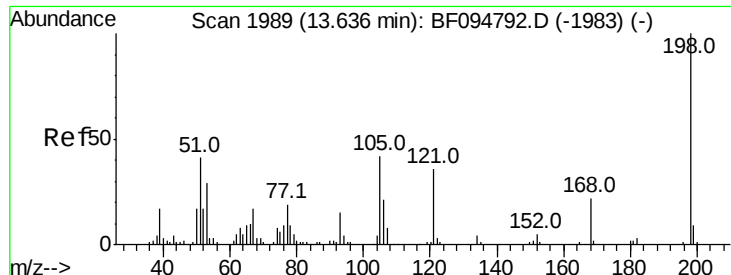


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





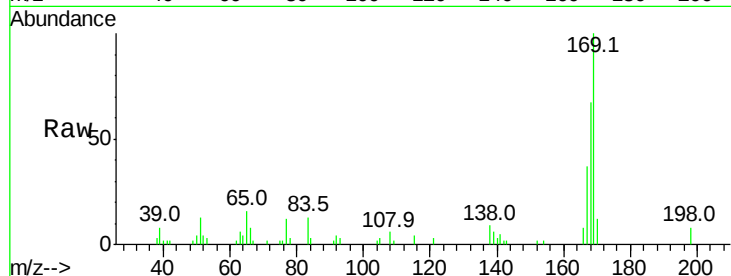
#64
4,6-Dinitro-2-methylphenol
Concen: 2.23 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

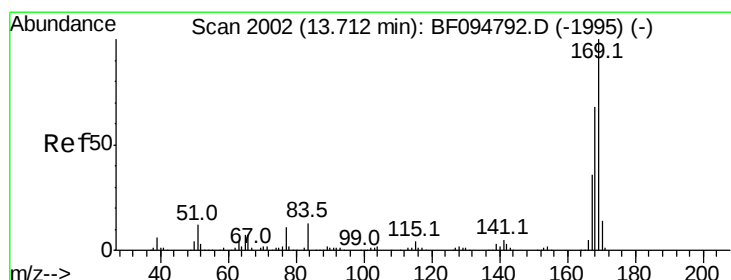
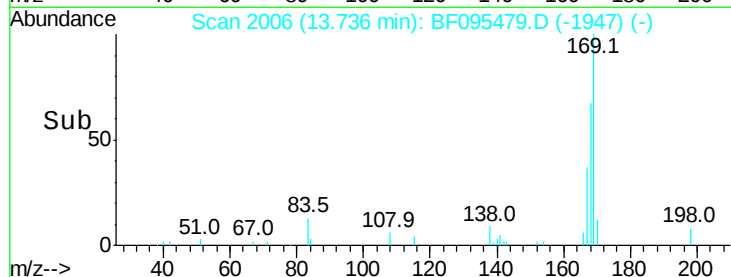
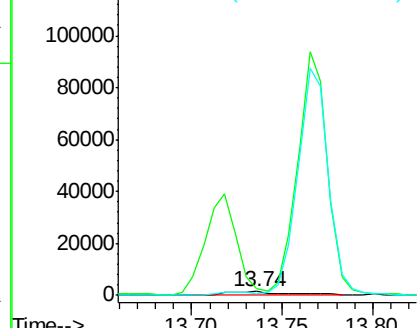
Tot Ion	Ratio	Resp	Lower	Upper
198	100	3463		
51	171.4	53.2	93.2#	
105	42.2	45.8	85.8#	

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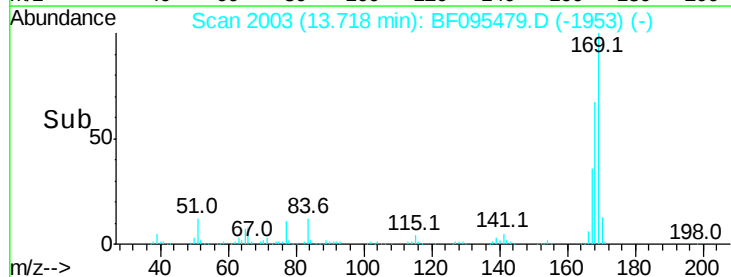
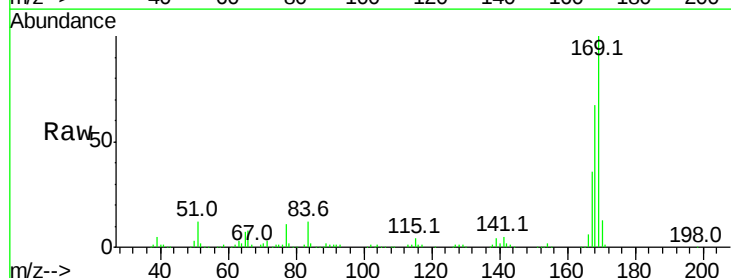
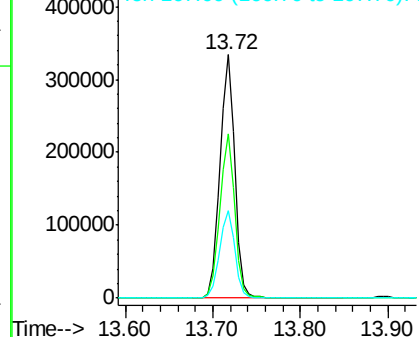
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

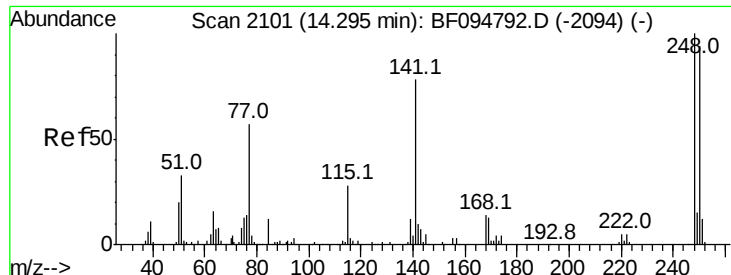


#65
n-Nitrosodiphenylamine
Concen: 47.16 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	396227		
168	67.4	53.2	79.8	
167	35.7	29.5	44.3	

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





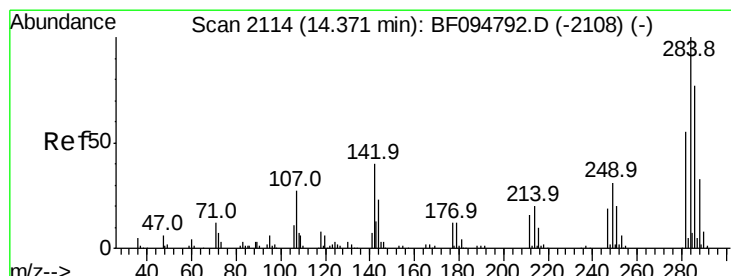
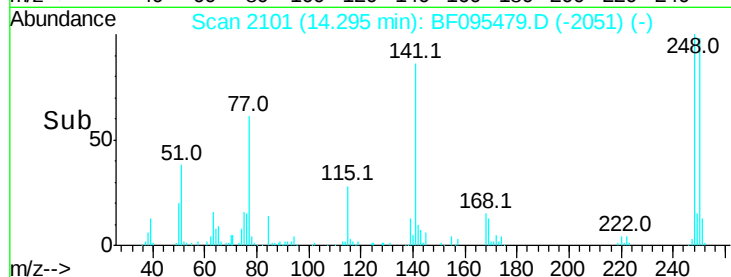
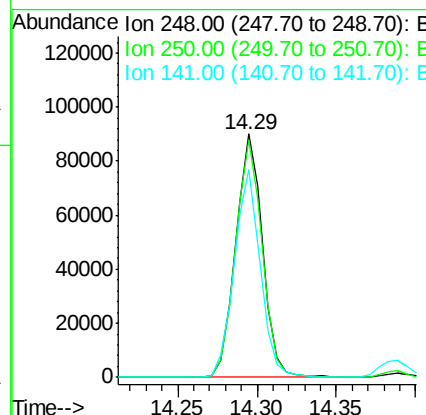
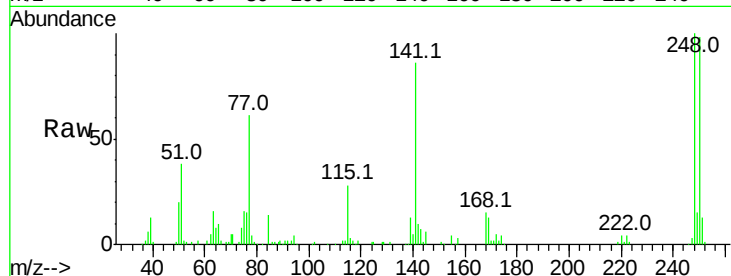
#66
4-Bromophenyl-phenylether
Concen: 43.03 ng
RT: 14.29 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	85.5	68.6	103.0

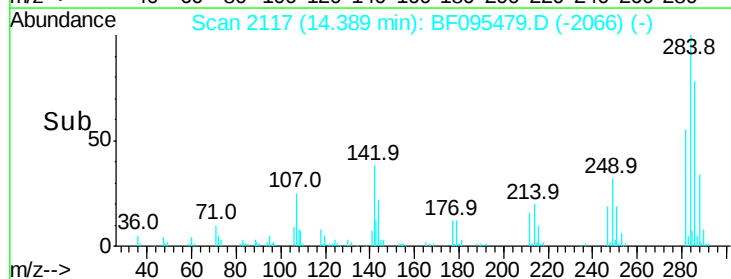
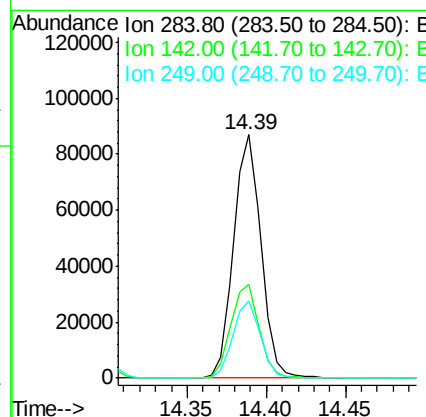
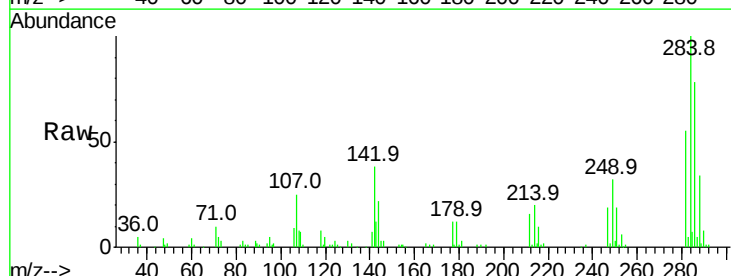
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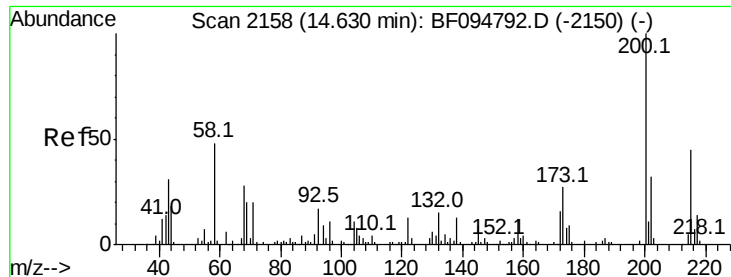
mohammad
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#67
Hexachlorobenzene
Concen: 41.50 ng
RT: 14.39 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	22.8	34.2#
249	31.5	24.0	36.0





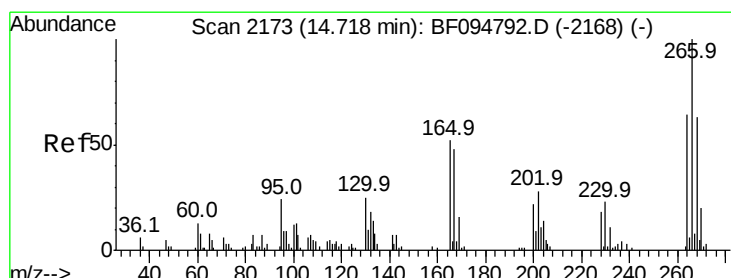
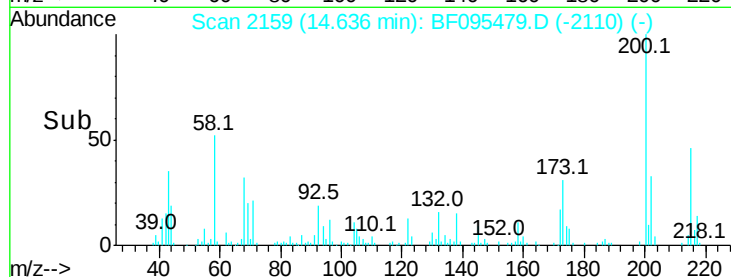
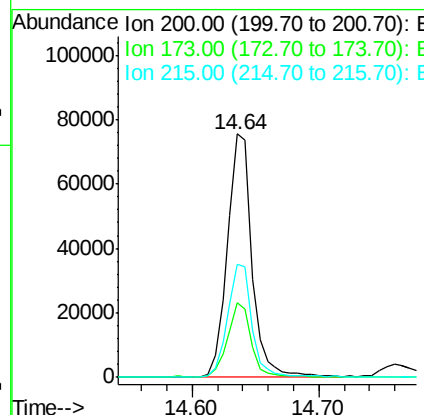
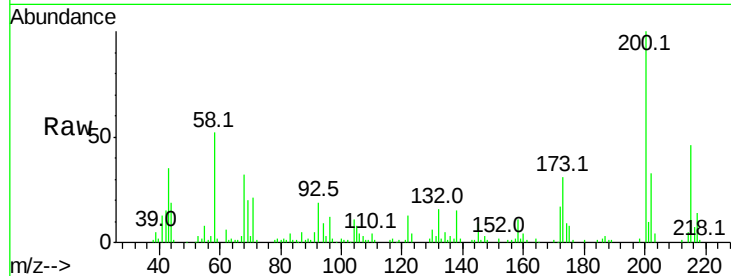
#68
Atrazine
Concen: 43.06 ng
RT: 14.64 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleID :
PB99316BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.5	6.3	46.3
215	46.4	27.2	67.2

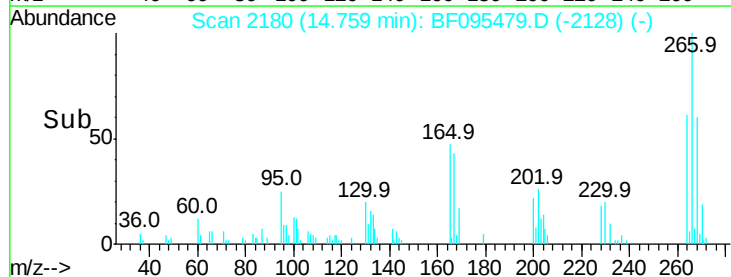
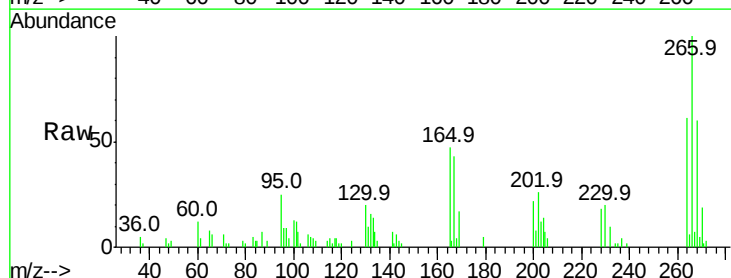
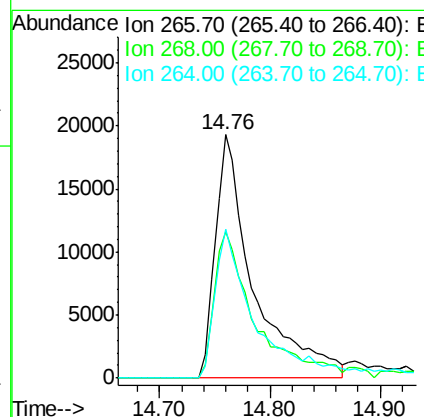
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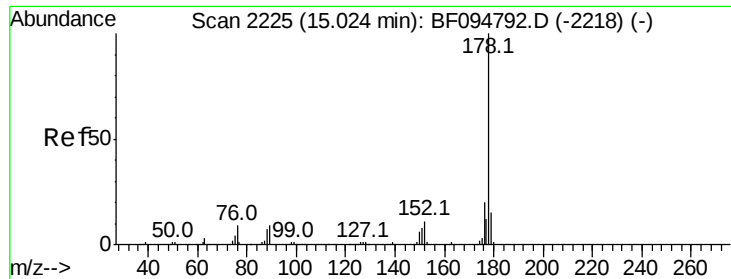
mohammad
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#69
Pentachlorophenol
Concen: 43.67 ng
RT: 14.76 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.9	51.1	76.7
264	61.4	51.7	77.5





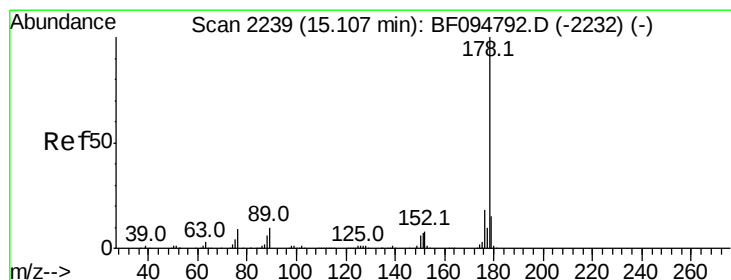
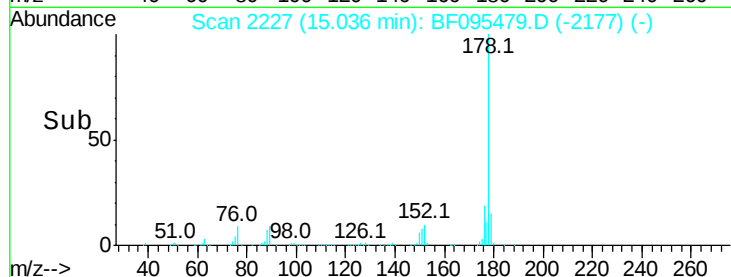
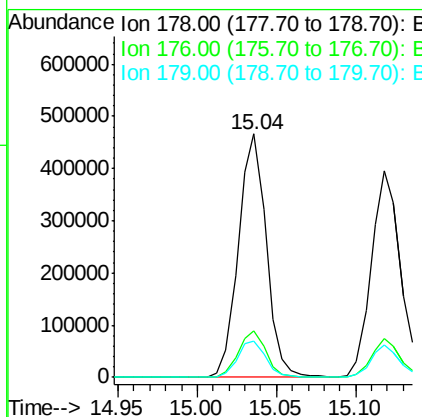
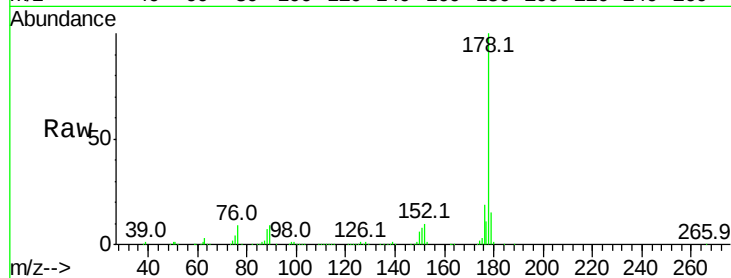
#70
 Phenanthrene
 Concen: 42.83 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.0	12.6	19.0

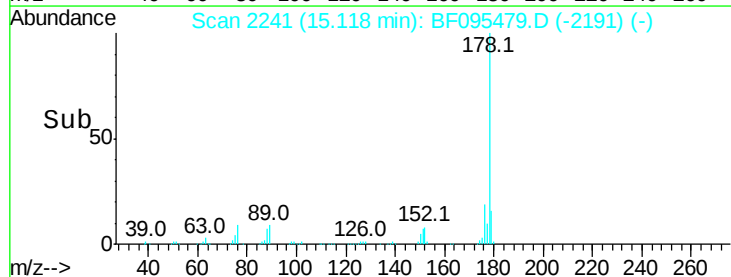
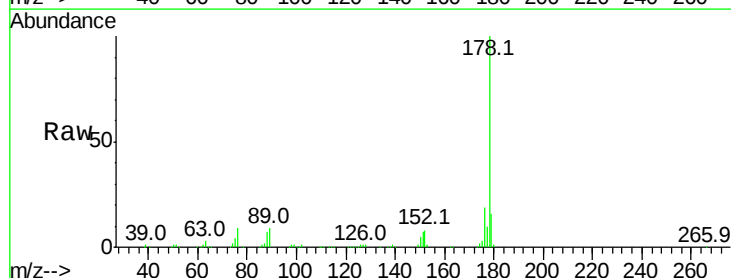
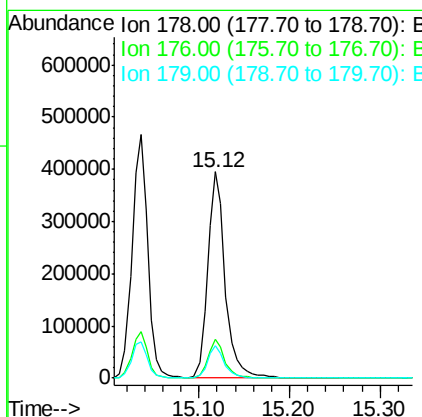
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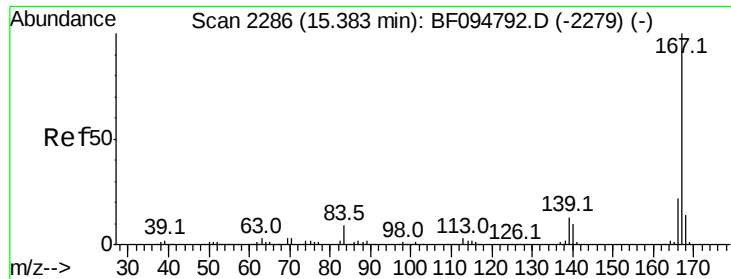
mohammad
 5/30/2017 1:37:17 PM



#71
 Anthracene
 Concen: 38.97 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	12.7	19.1





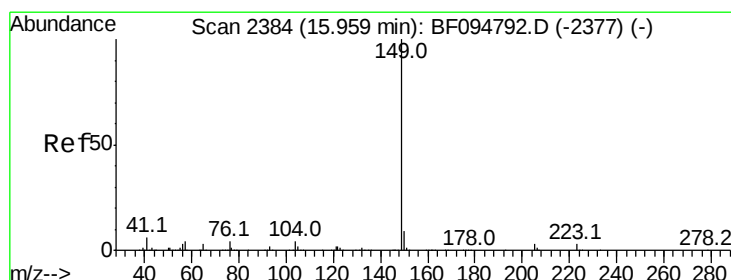
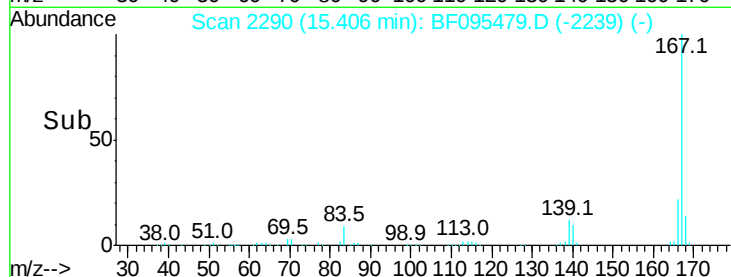
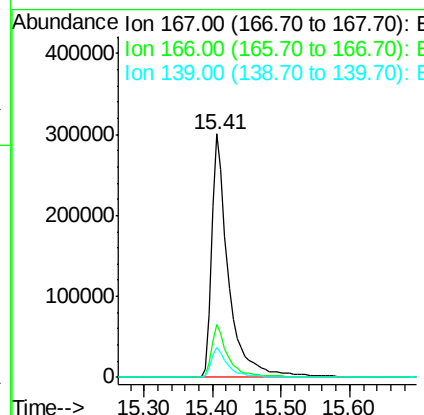
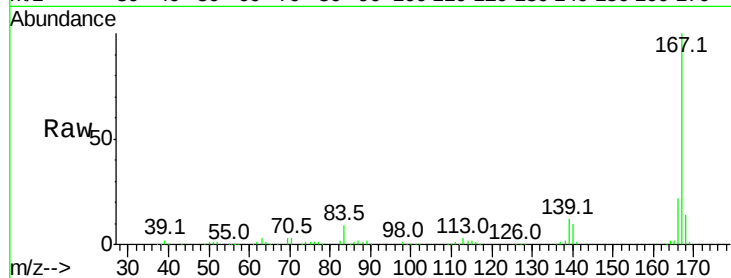
#72
 Carbazole
 Concen: 41.89 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	517898		
166	22.0		18.1	27.1
139	12.4		11.7	17.5

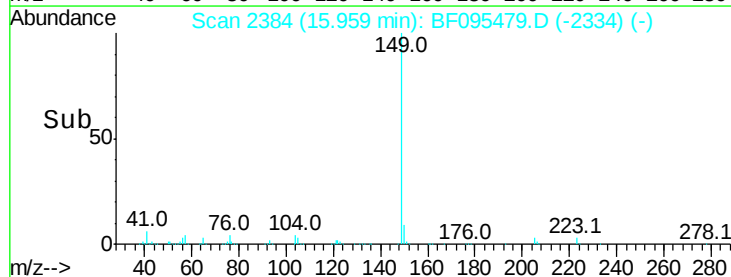
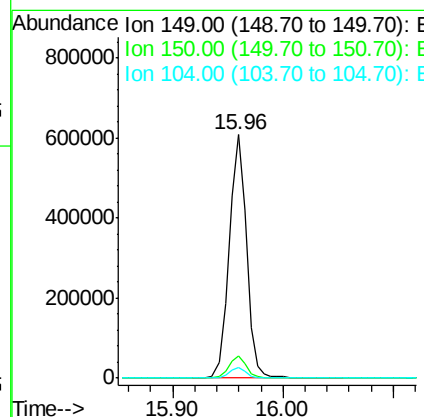
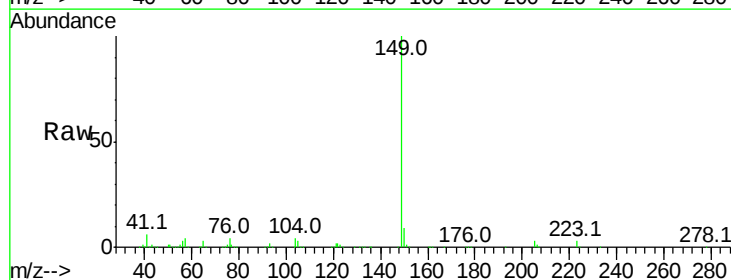
Manual Integrations
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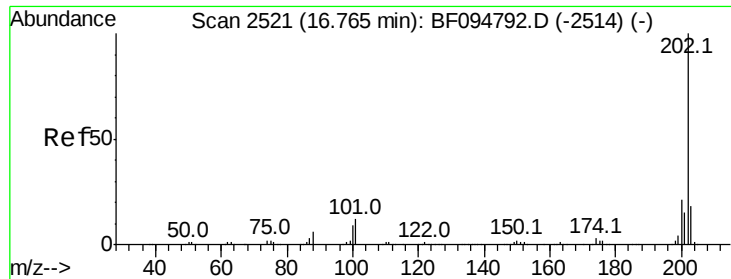
mohammad
 5/30/2017 1:37:17 PM



#73
 Di-n-butylphthalate
 Concen: 43.52 ng
 RT: 15.96 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	670899		
150	9.0		7.7	11.5
104	4.3		4.0	6.0





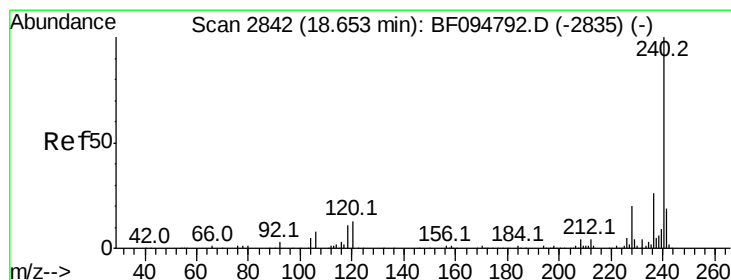
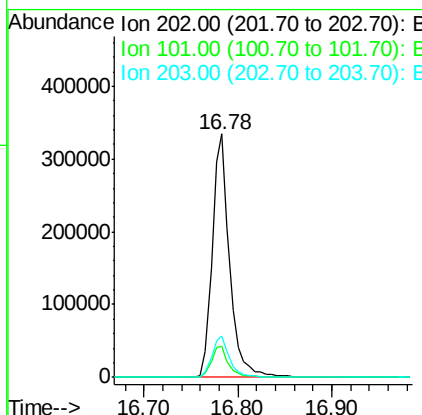
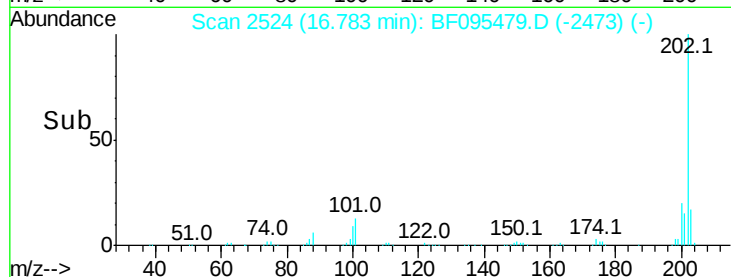
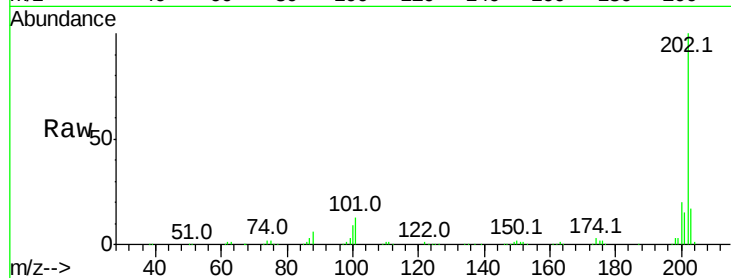
#74
 Fluoranthene
 Concen: 31.86 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	434756		
101	12.6	0.0	33.2	
203	17.2	0.0	38.1	

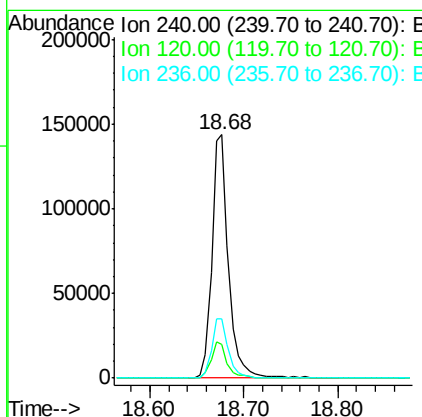
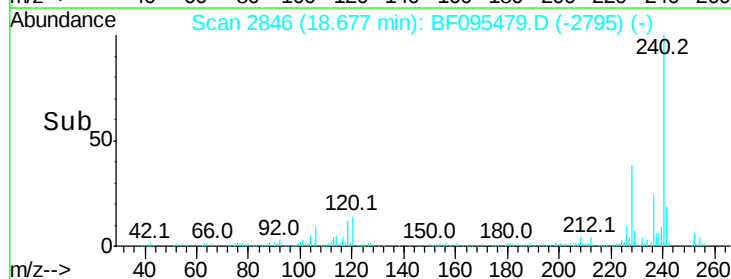
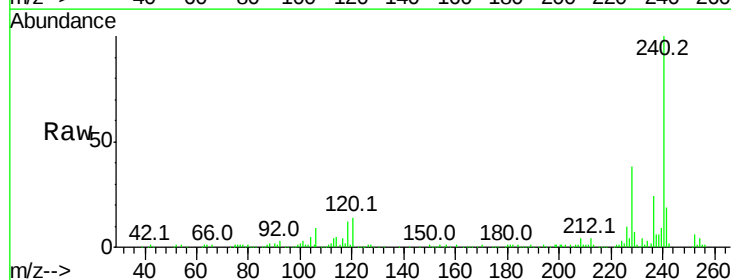
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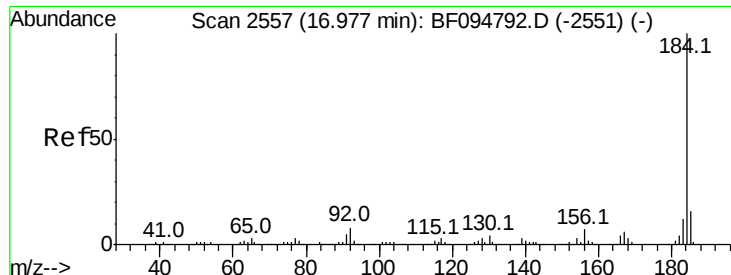
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179161		
120	13.9	5.8	8.8#	
236	24.3	20.5	30.7	





#76

Benzidine

Concen: 40.98 ng

RT: 17.01 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

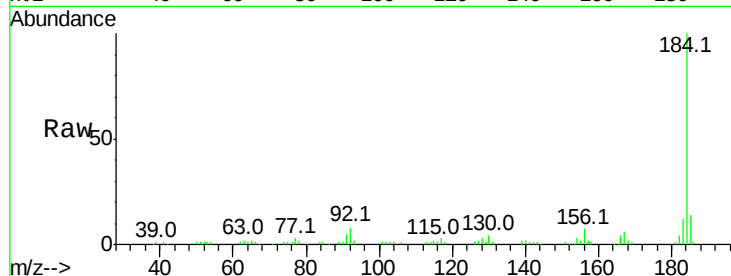
ClientSampleId :

PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	193146		
185	14.2	15.5	23.3#	
183	11.5	9.8	14.6	

Manual Integrations
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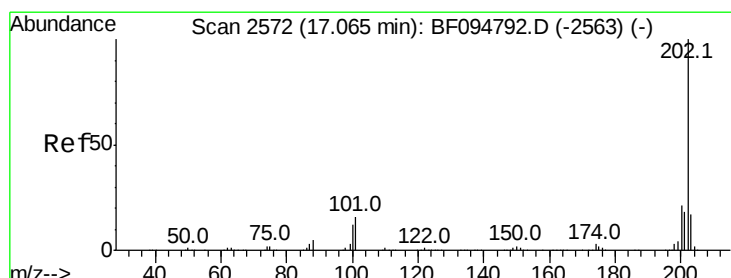
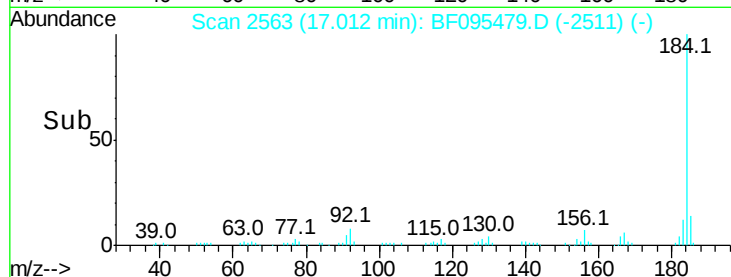
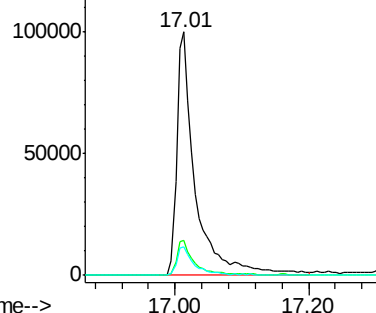
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 33.21 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BF095479.D

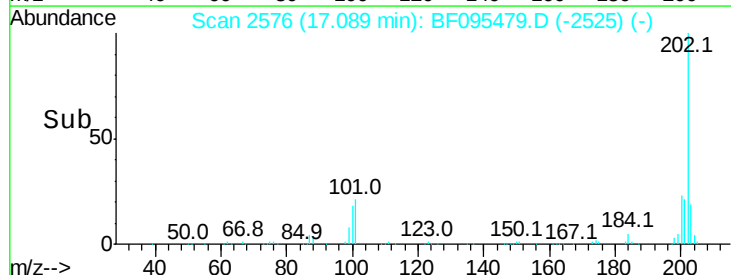
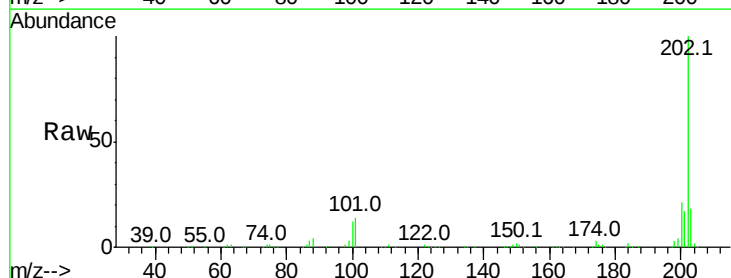
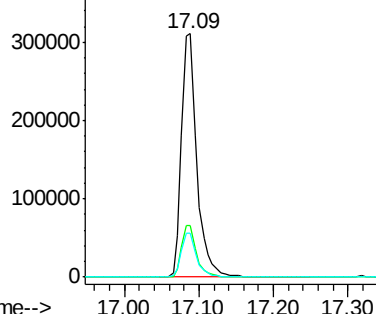
Acq: 27 May 2017 2:17

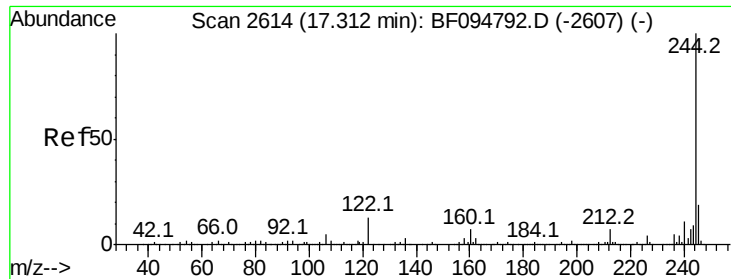
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	444999		
200	21.3	17.6	26.4	
203	17.8	14.4	21.6	

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





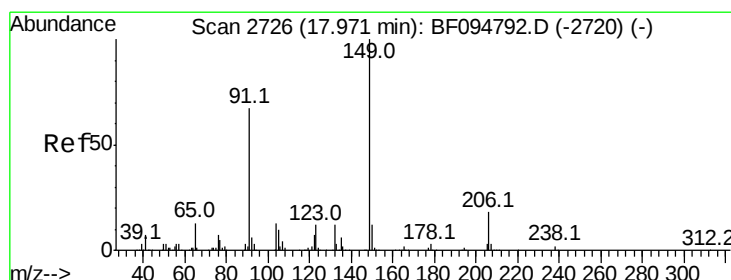
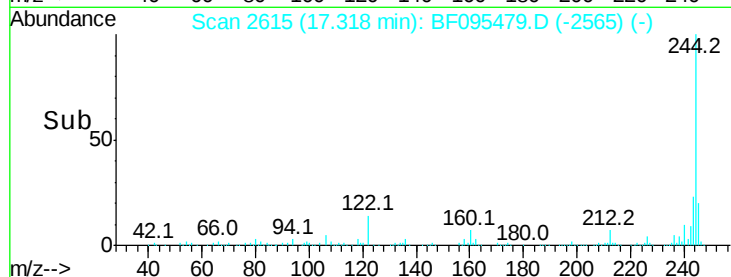
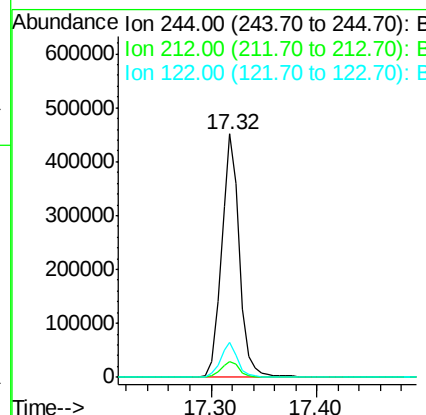
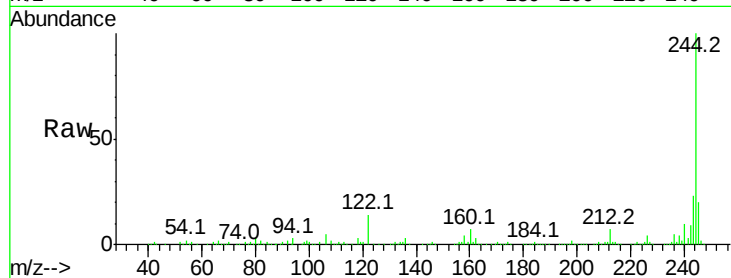
#78
 Terphenyl-d14
 Concen: 65.64 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7	6.0	9.0	
122	14.1	10.3	15.5	

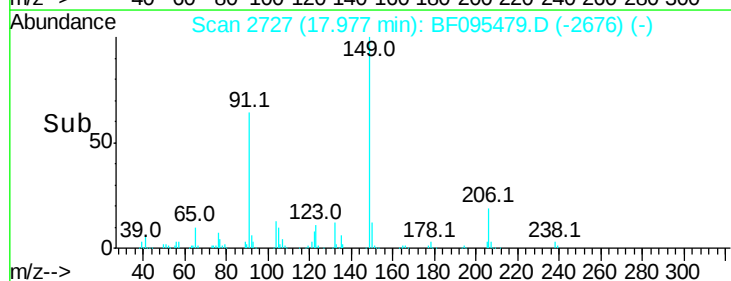
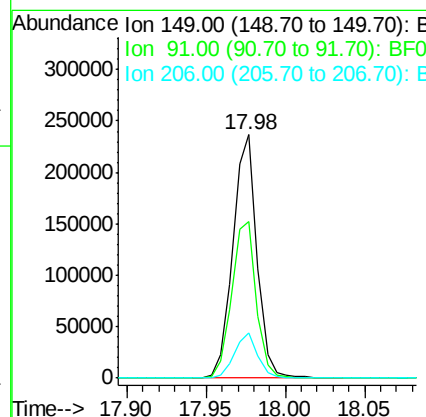
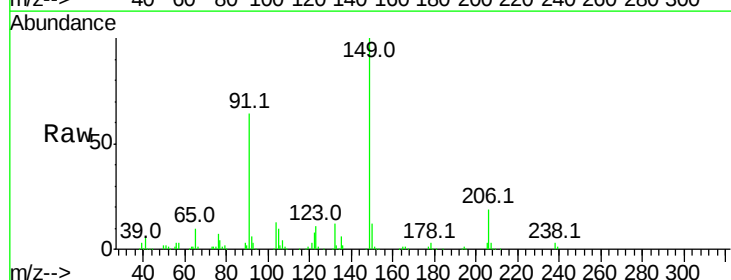
Manual Integrations
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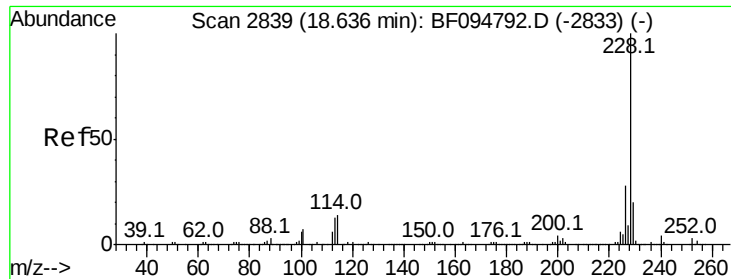
mohammad
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#79
 Butylbenzylphthalate
 Concen: 39.76 ng
 RT: 17.98 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BF095479.D
 Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.1	45.0	67.4	
206	18.7	17.0	25.6	





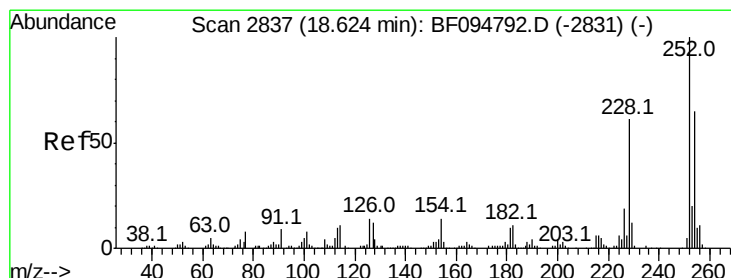
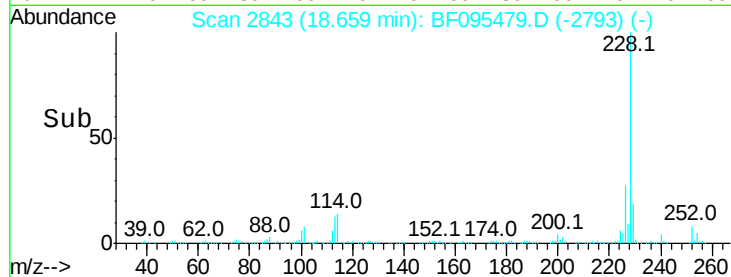
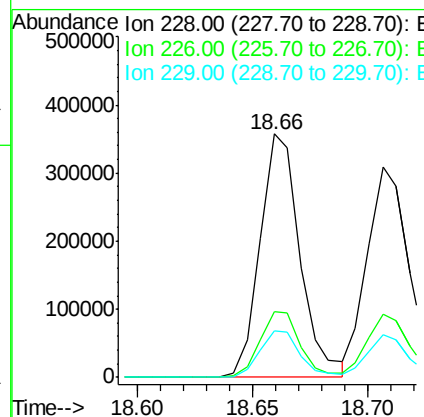
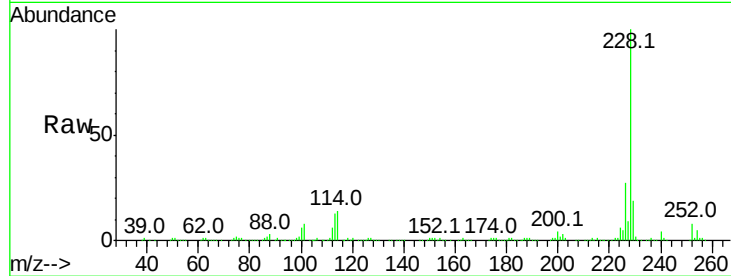
#80
Benzo(a)anthracene
Concen: 41.41 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.4	16.3	24.5

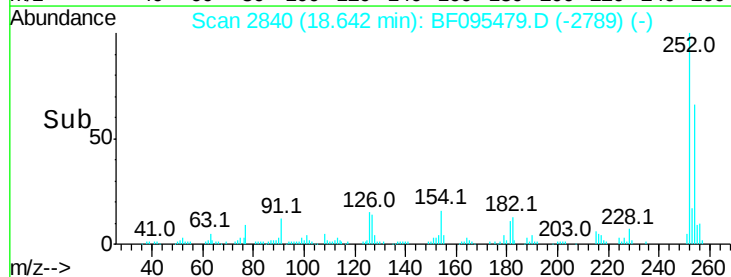
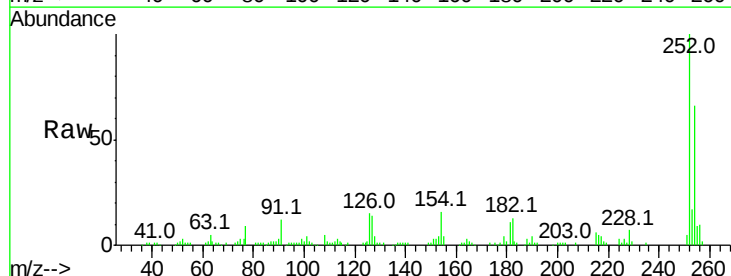
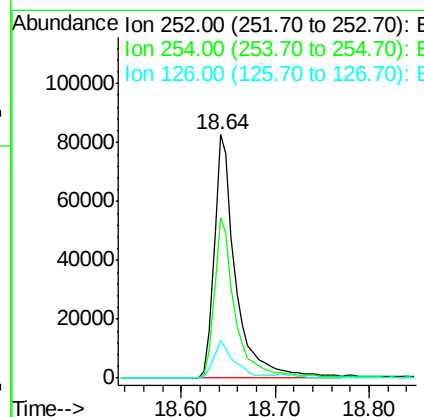
Manual Integrations
APPROVED

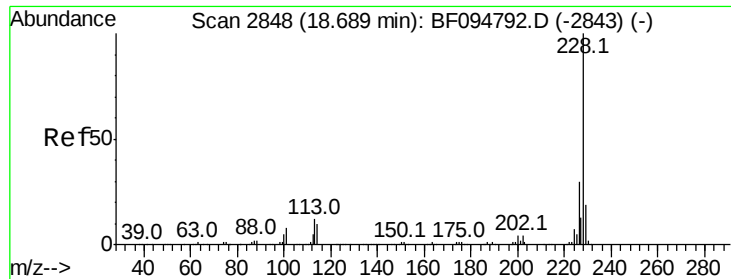
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#81
3,3'-Dichlorobenzidine
Concen: 36.91 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	15.3	15.8	23.8





#82

Chrysene

Concen: 41.03 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

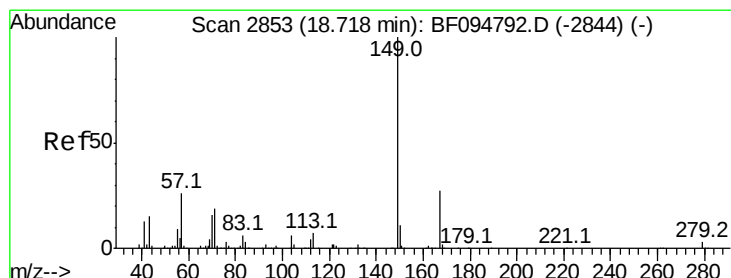
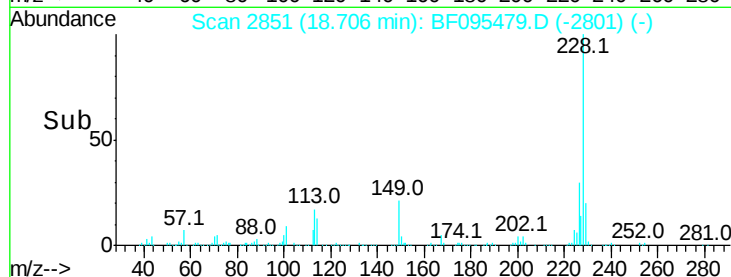
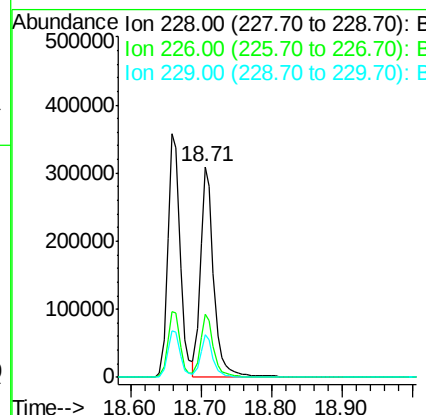
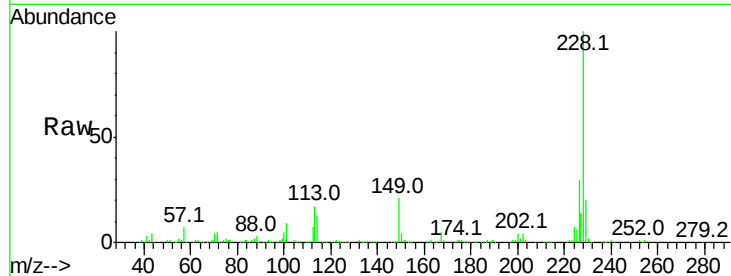
ClientSampleId :

PB99316BS

Tot Ion:	228	Resp:	413685
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	20.1	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 40.98 ng

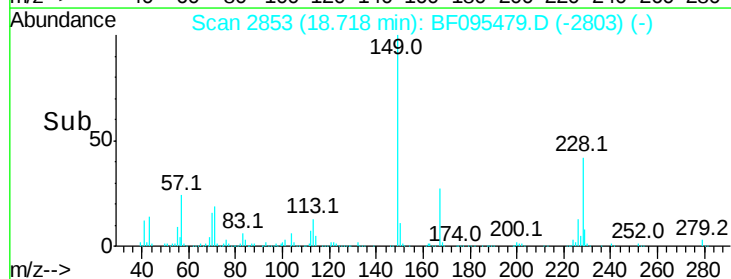
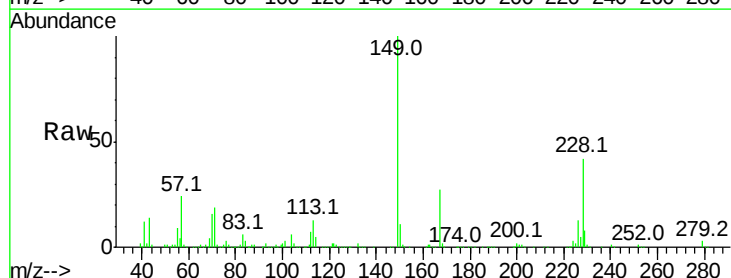
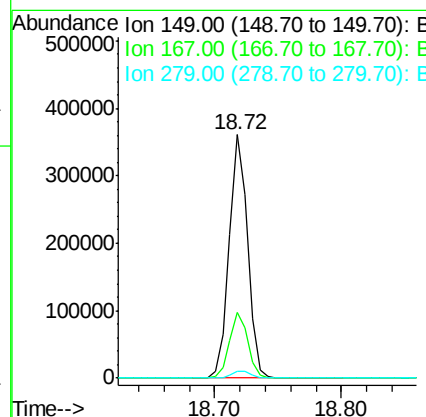
RT: 18.72 min Scan# 2853

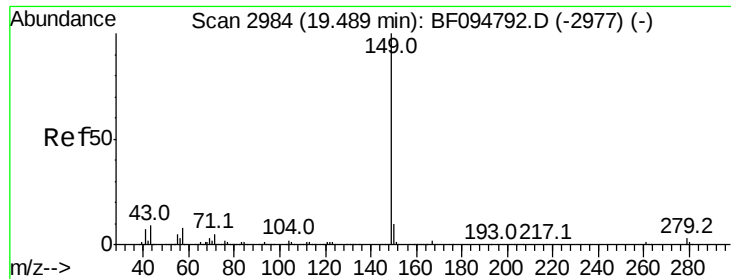
Delta R.T. -0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	149	Resp:	363884
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.0	31.4
279	2.9	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 42.94 ng

RT: 19.49 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

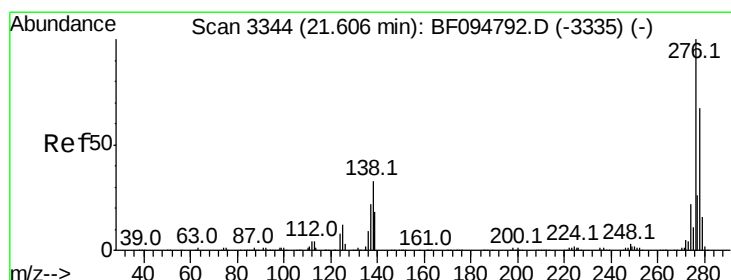
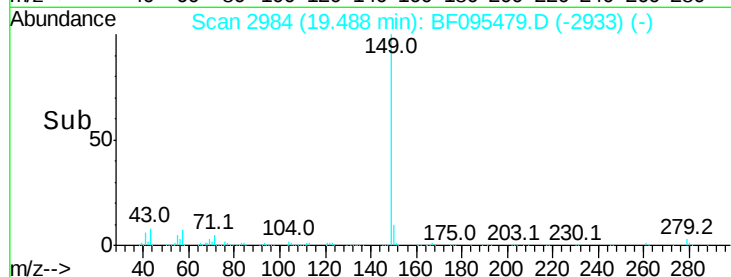
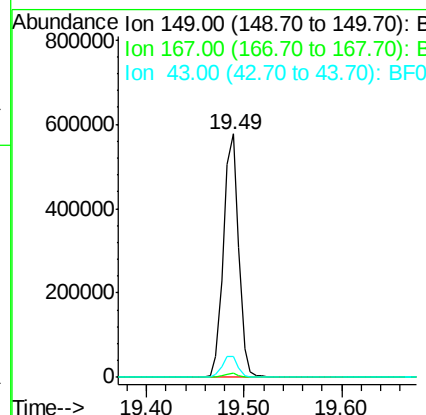
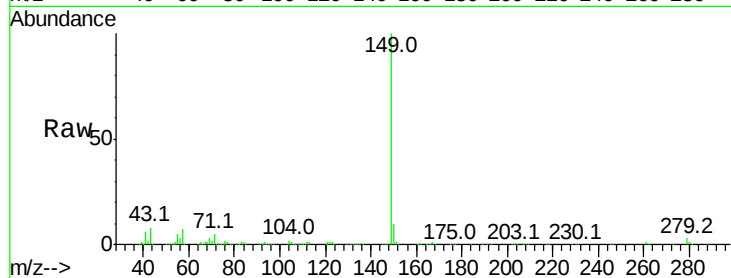
ClientSampleId :

PB99316BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	625176		
167	1.6	1.2	1.8	
43	8.9	8.5	12.7	

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#85

Indeno(1,2,3-cd)pyrene

Concen: 35.10 ng

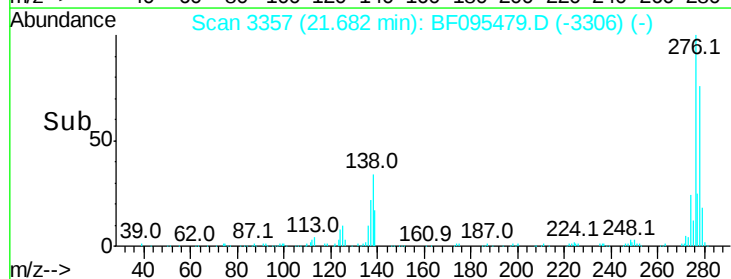
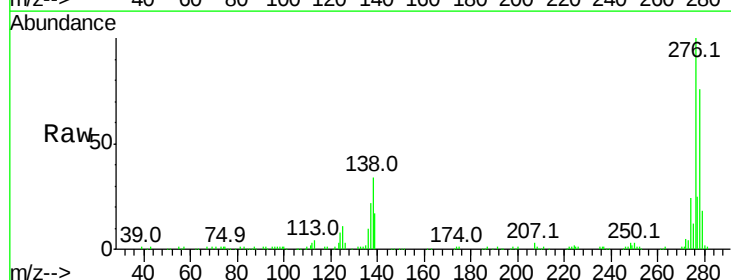
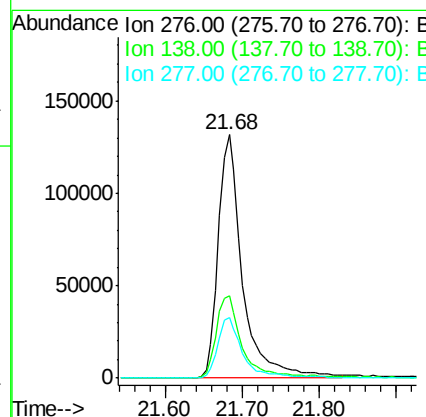
RT: 21.68 min Scan# 3357

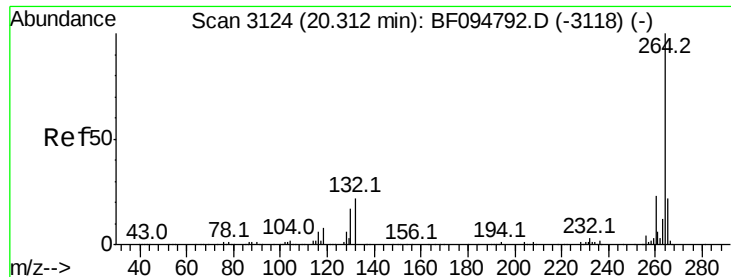
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	287391		
138	36.5	27.8	41.6	
277	25.2	20.2	30.4	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Instrument :

BNA_F

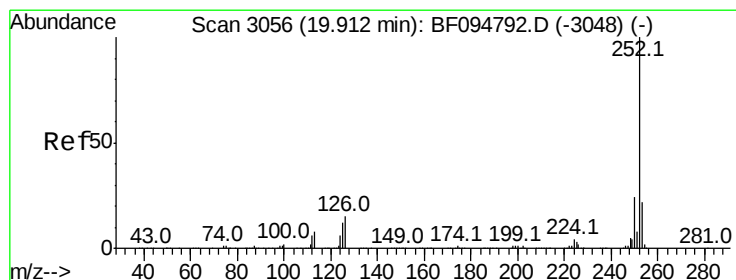
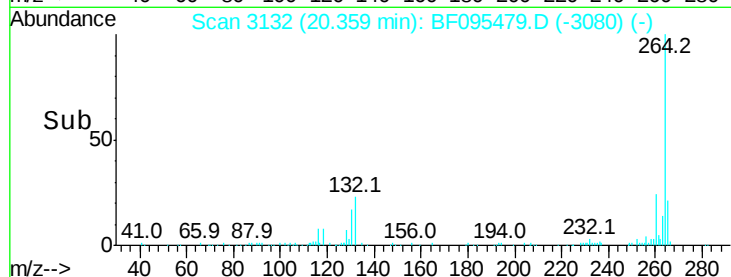
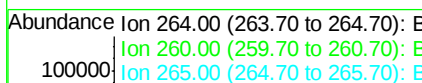
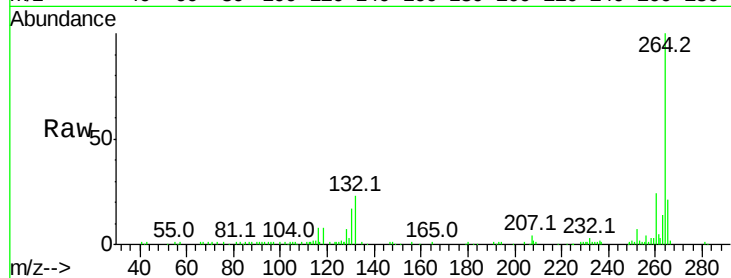
ClientSampled :

PB99316BS

Tot Ion:	264	Resp:	133846
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.7	17.2	25.8

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 39.91 ng

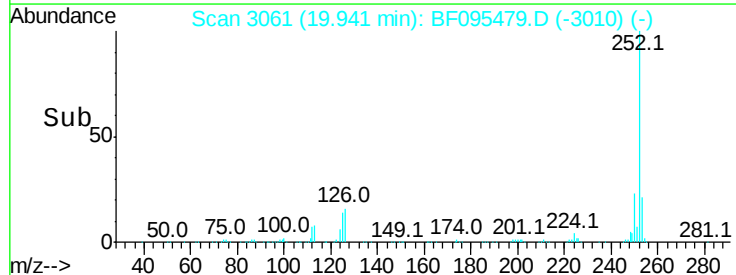
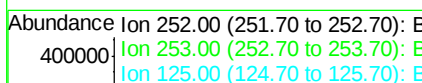
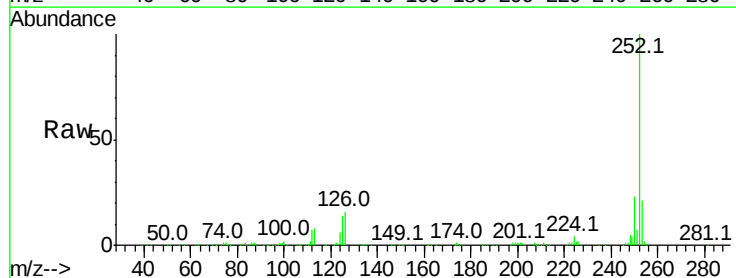
RT: 19.94 min Scan# 3061

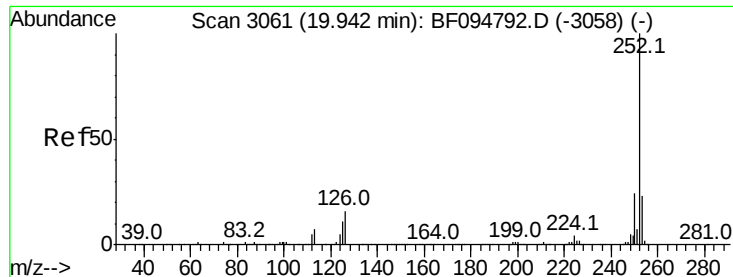
Delta R.T. -0.00 min

Lab File: BF095479.D

Acq: 27 May 2017 2:17

Tgt Ion:	252	Resp:	330056
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.1	27.1
125	13.5	9.8	14.8





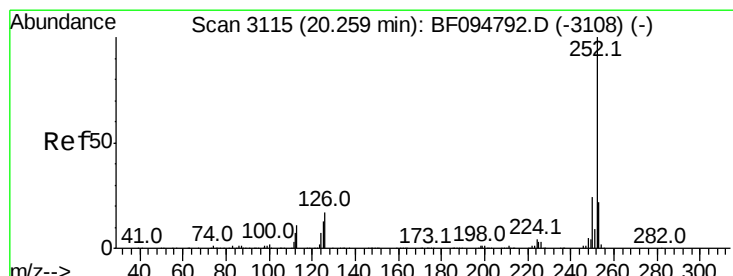
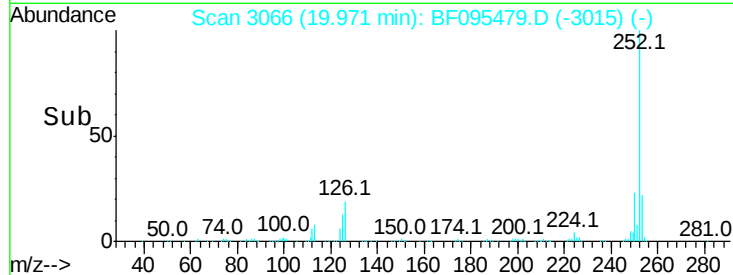
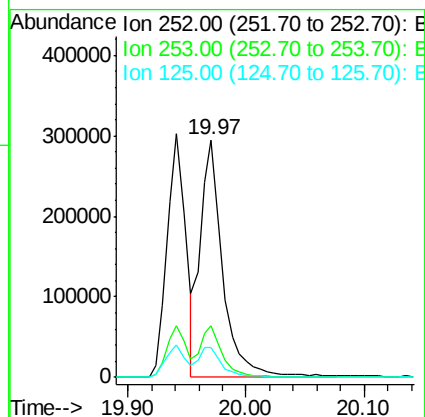
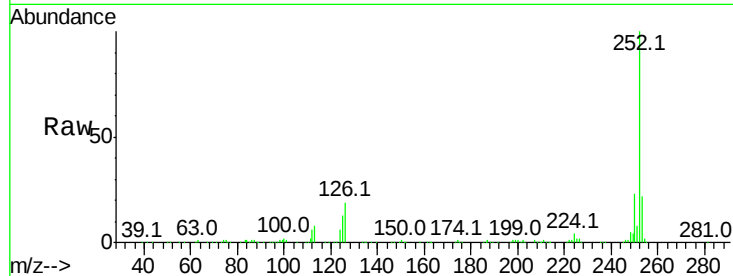
#88
Benzo(k)fluoranthene
Concen: 49.30 ng m
RT: 19.97 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.6	13.1	19.7#

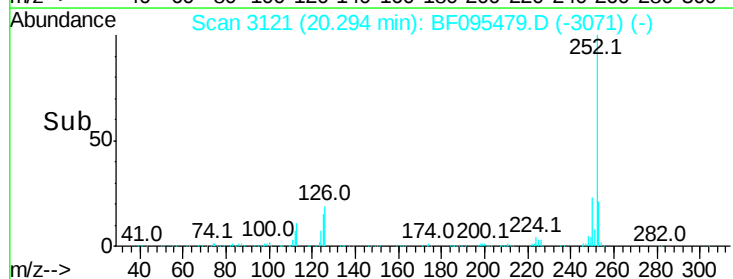
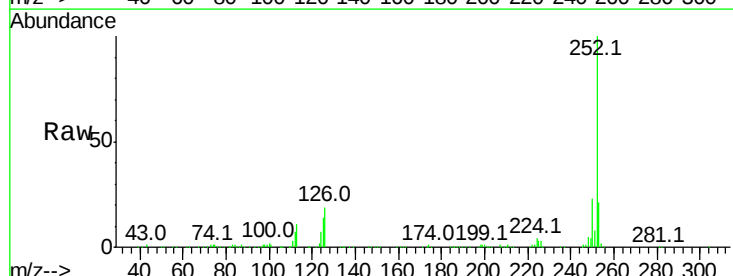
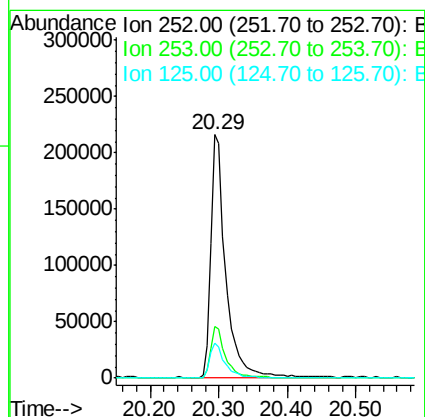
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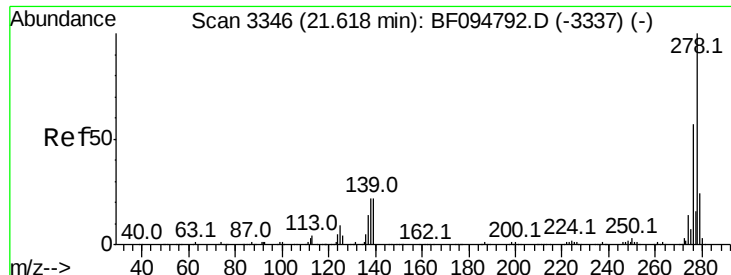
mohammad
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#89
Benzo(a)pyrene
Concen: 43.12 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.4	11.0	16.4





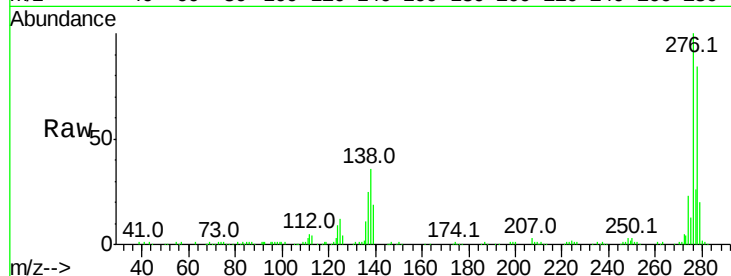
#90
Dibenzo(a,h)anthracene
Concen: 37.35 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Instrument :
BNA_F
ClientSampled :
PB99316BS

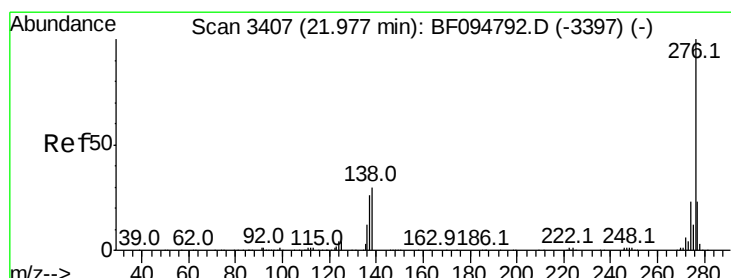
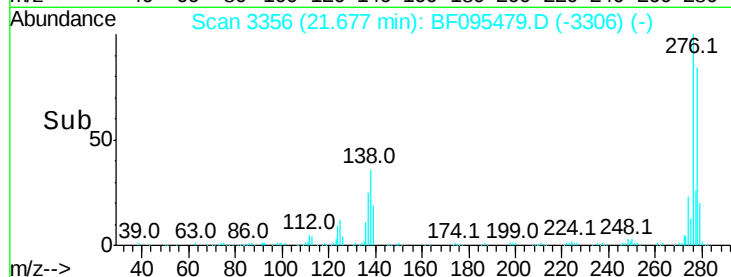
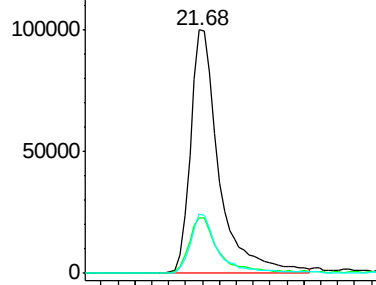
Tot Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	24.4	19.3	28.9

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 30.96 ng
RT: 22.07 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BF095479.D
Acq: 27 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	28.9	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

