

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095929.D
 Acq On : 14 Jun 2017 18:42
 Operator : SJ/MA
 Sample : PB99714BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Manual Integrations
 APPROVED

mohammad

6/15/2017 3:55:16 PM

Quant Time: Jun 15 01:44:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70836	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	300099	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	137482	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	253642	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	201023	20.00	ng	-0.05
86) Perylene-d12	19.97	264	157304	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	351996	79.18	ng	-0.05
7) Phenol-d6	6.90	99	417730	78.49	ng	-0.05
23) Nitrobenzene-d5	8.26	82	371131	76.80	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	93091	76.53	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	752030	76.12	ng	-0.07
78) Terphenyl-d14	16.96	244	670118	82.73	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.73	88	64373	30.44	ng	100
3) Pyridine	2.27	79	165661	33.33	ng	97
4) n-Nitrosodimethylamine	2.24	42	71435	37.80	ng	89
6) Aniline	6.84	93	119846	17.21	ng	95
8) 2-Chlorophenol	7.02	128	198008	41.89	ng	92
9) Benzaldehyde	6.65	77	61609	17.16	ng	98
10) Phenol	6.92	94	235762	42.71	ng	87
11) bis(2-Chloroethyl)ether	6.97	93	178379	40.79	ng	95
12) 1,3-Dichlorobenzene	7.23	146	206584	38.61	ng	97
13) 1,4-Dichlorobenzene	7.36	146	211358	38.96	ng	95
14) 1,2-Dichlorobenzene	7.59	146	201050	40.20	ng	96
15) Benzyl Alcohol	7.65	79	152433	41.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	243051	39.56	ng	97
17) 2-Methylphenol	7.87	107	161162	40.63	ng	98
18) Hexachloroethane	8.11	117	71205	39.74	ng	87
19) n-Nitroso-di-n-propylamine	8.07	70	134047	39.75	ng	94
20) 3+4-Methylphenols	8.15	107	205162	40.75	ng	# 59
22) Acetophenone	8.03	105	269789	38.41	ng	# 83
24) Nitrobenzene	8.29	77	187283	36.28	ng	93
25) Isophorone	8.69	82	340135	37.70	ng	95
26) 2-Nitrophenol	8.80	139	107134	39.64	ng	99
27) 2,4-Dimethylphenol	8.95	122	170951	40.75	ng	98
28) bis(2-Chloroethoxy)methane	9.07	93	226515	38.09	ng	98
29) 2,4-Dichlorophenol	9.23	162	155836	38.57	ng	99
30) 1,2,4-Trichlorobenzene	9.30	180	157775	37.53	ng	99
31) Naphthalene	9.40	128	560243	37.20	ng	100
32) Benzoic acid	9.33	122	87553	34.95	ng	95
33) 4-Chloroaniline	9.58	127	59759	10.15	ng	# 93
34) Hexachlorobutadiene	9.62	225	83211	38.31	ng	98
35) Caprolactam	10.19	113	52619m	43.77	ng	
36) 4-Chloro-3-methylphenol	10.44	107	172564	40.81	ng	89
37) 2-Methylnaphthalene	10.53	142	388390	38.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	151157	36.74	ng	99
40) Hexachlorocyclopentadiene	10.78	237	80932	65.17	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.05	196	100633	38.04	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	100699	35.79	nq	94
45) 1,1'-Biphenyl	11.30	154	435253	38.41	nq	97
46) 2-Chloronaphthalene	11.31	162	336619	38.02	nq	96
47) 2-Nitroaniline	11.53	65	99098	38.25	nq	# 80
48) Acenaphthylene	11.96	152	533860	35.26	nq	99
49) Dimethylphthalate	11.86	163	412352	39.50	nq	98
50) 2,6-Dinitrotoluene	11.95	165	87104	38.26	nq	# 79
51) Acenaphthene	12.24	154	318738	36.45	nq	98
52) 3-Nitroaniline	12.22	138	45213	17.04	nq	91
53) 2,4-Dinitrophenol	12.45	184	92616	72.50	nq	# 65
54) Dibenzofuran	12.53	168	493509	40.10	nq	97
55) 4-Nitrophenol	12.63	139	93501	61.50	nq	# 74
56) 2,4-Dinitrotoluene	12.62	165	127511	41.46	nq	# 89
57) Fluorene	13.08	166	401411	37.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.79	232	81791	42.48	nq	# 92
59) Diethylphthalate	13.00	149	402453	40.06	nq	100
60) 4-Chlorophenyl-phenylether	13.11	204	178571	38.34	nq	89
61) 4-Nitroaniline	13.22	138	90677	36.61	nq	95
62) Azobenzene	13.37	77	372234	40.88	nq	93
64) 4,6-Dinitro-2-methylphenol	13.30	198	60084	36.04	nq	# 65
65) n-Nitrosodiphenylamine	13.33	169	345018	37.86	nq	97
66) 4-Bromophenyl-phenylether	13.89	248	102815	39.00	nq	96
67) Hexachlorobenzene	13.97	284	102098	39.31	nq	# 86
68) Atrazine	14.25	200	106314	41.91	nq	96
69) Pentachlorophenol	14.34	266	54912	57.75	nq	96
70) Phenanthrene	14.62	178	564449	38.57	nq	98
71) Anthracene	14.71	178	589641	38.59	nq	97
72) Carbazole	15.01	167	547015	36.74	nq	98
73) Di-n-butylphthalate	15.60	149	667711	42.15	nq	99
74) Fluoranthene	16.40	202	583526	40.28	nq	99
76) Benzidine	16.63	184	192121	24.88	nq	# 93
77) Pyrene	16.70	202	600120	40.01	nq	98
79) Butylbenzylphthalate	17.63	149	283288	43.25	nq	# 87
80) Benzo(a)anthracene	18.29	228	456793	39.08	nq	98
81) 3,3'-Dichlorobenzidine	18.28	252	73448	17.68	nq	# 95
82) Chrysene	18.34	228	451470	38.65	nq	98
83) Bis(2-ethylhexyl)phthalate	18.38	149	406978	44.04	nq	# 99
84) Di-n-octyl phthalate	19.14	149	669882	43.99	nq	96
85) Indeno(1,2,3-cd)pyrene	21.13	276	342385	34.26	nq	100
87) Benzo(b)fluoranthene	19.56	252	400185	40.63	nq	97
88) Benzo(k)fluoranthene	19.59	252	366420	38.92	nq	96
89) Benzo(a)pyrene	19.92	252	353378	39.03	nq	99
90) Dibenzo(a,h)anthracene	21.13	278	289079	37.64	nq	98
91) Benzo(g,h,i)perylene	21.46	276	296358	37.85	nq	99

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

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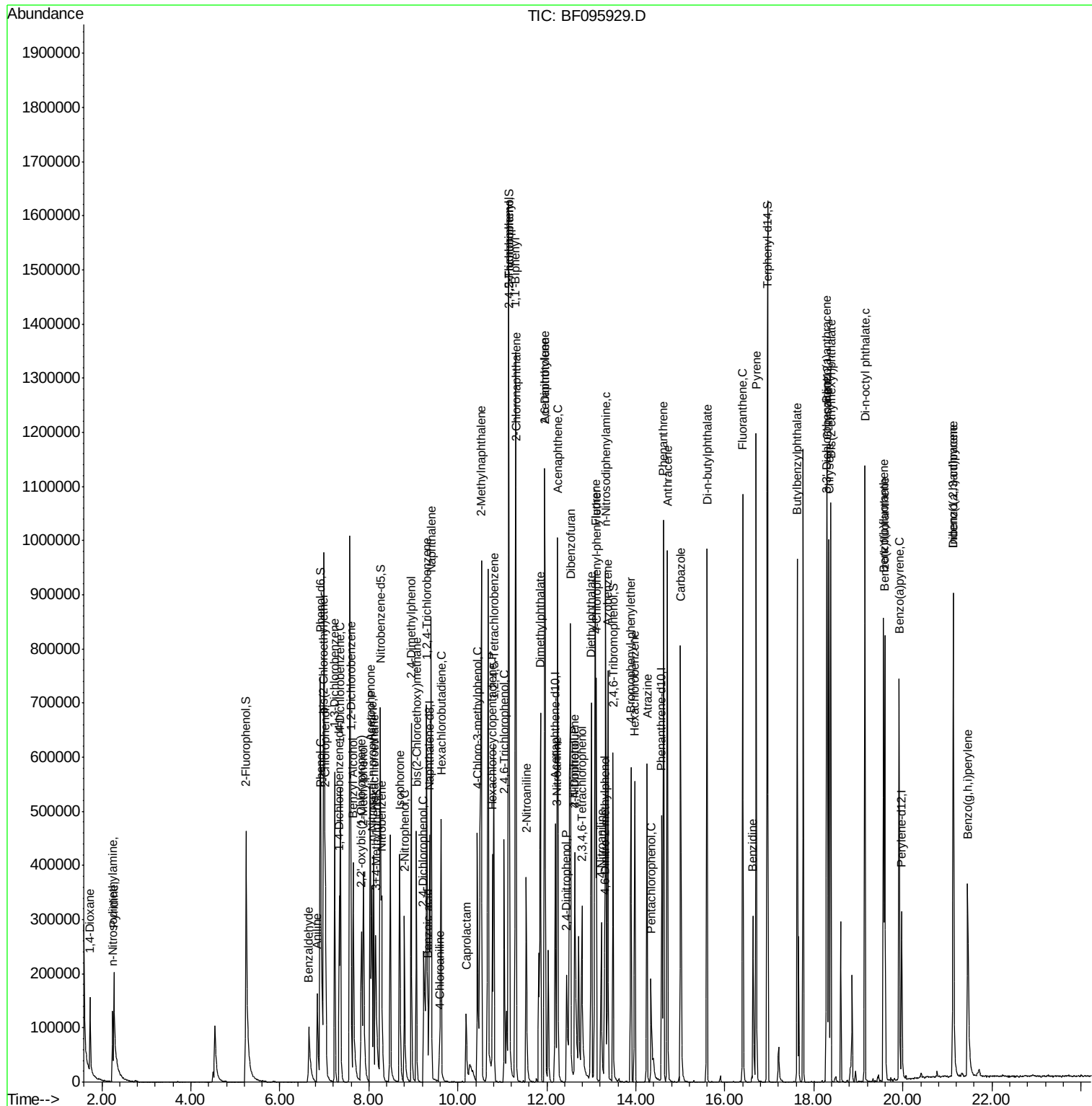
Instrument :
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PB99714BSD

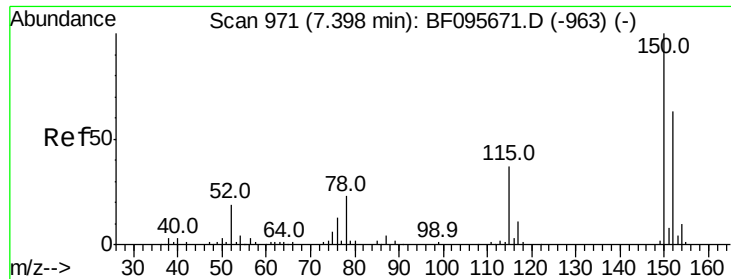
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#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

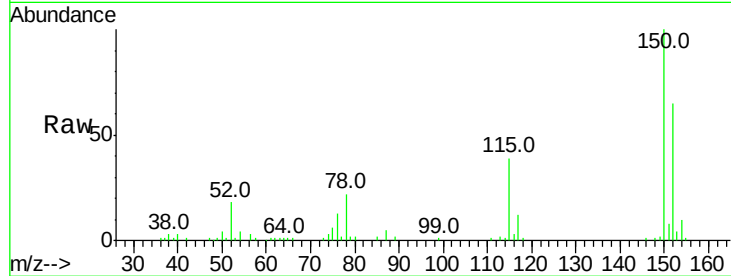
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	60.9	52.2	78.2

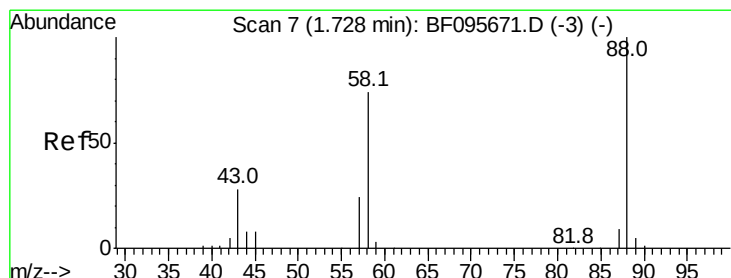
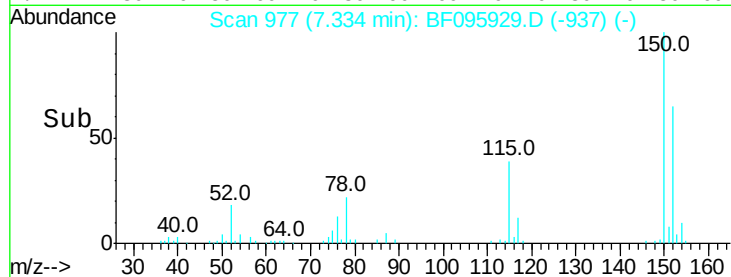
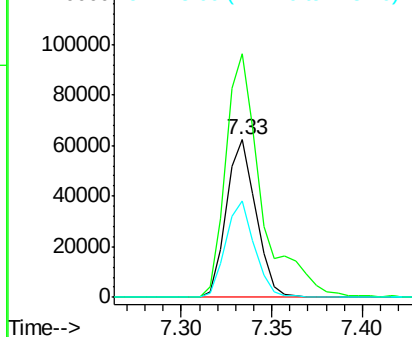
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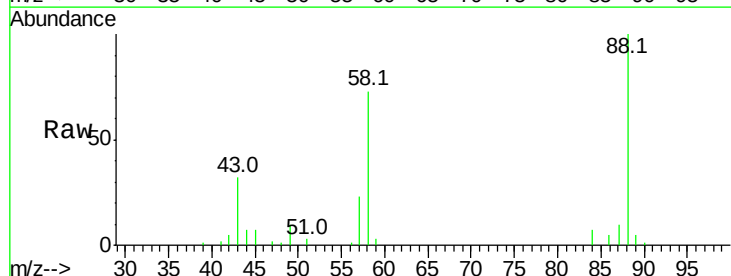
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



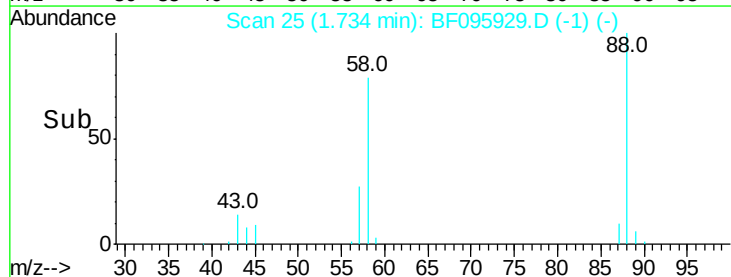
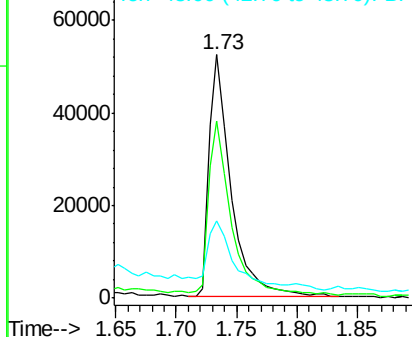
#2

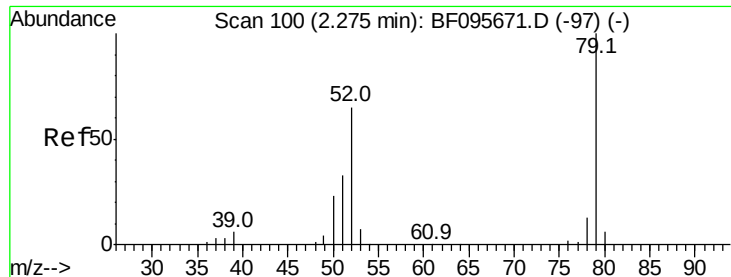
1,4-Dioxane
Concen: 30.44 ng
RT: 1.73 min Scan# 25
Delta R.T. 0.01 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.4	92.0
43	29.0	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: 33.33 ng

RT: 2.27 min Scan# 116

Delta R.T. -0.01 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

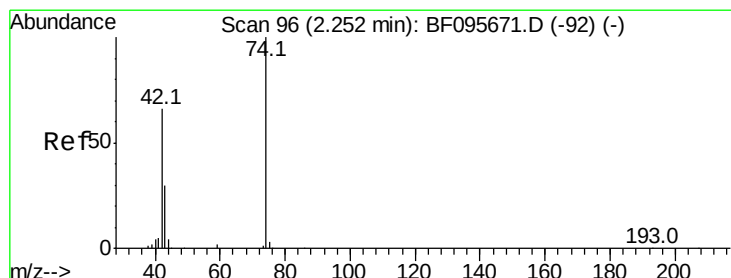
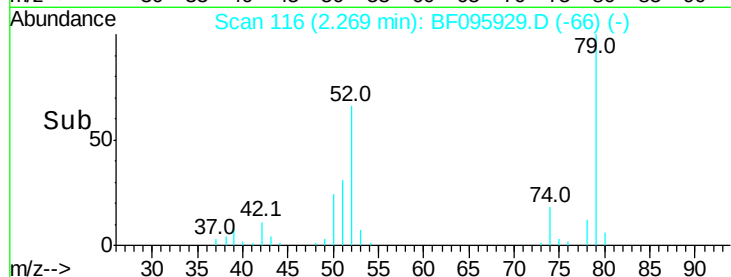
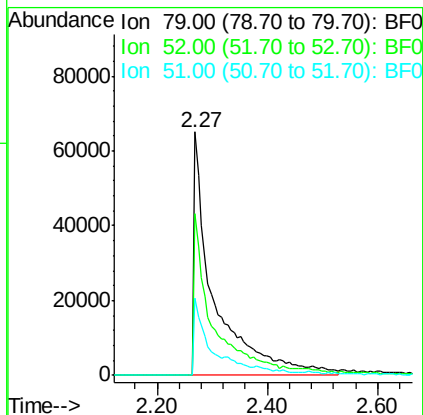
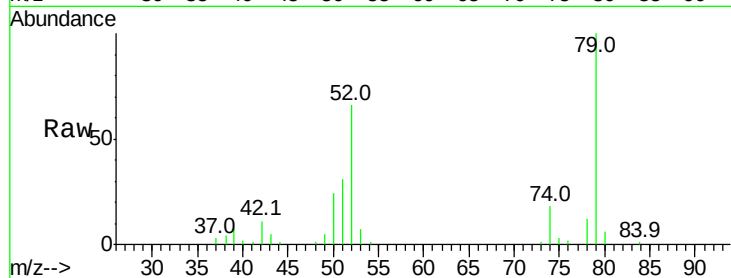
PB99714BSD

Tot Ion:	79	Resp:	165661
Ion Ratio	Lower	Upper	
79	100		
52	66.4	54.8	82.2
51	31.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 37.80 ng

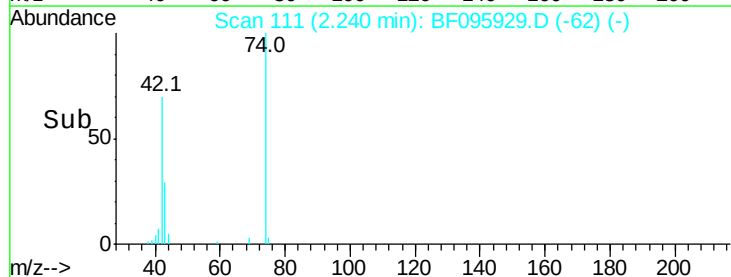
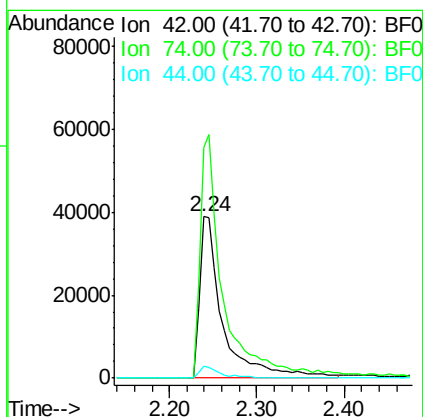
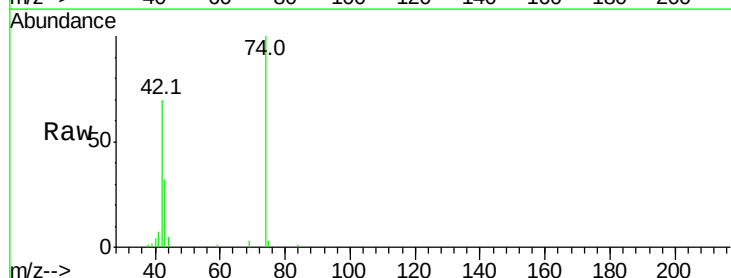
RT: 2.24 min Scan# 111

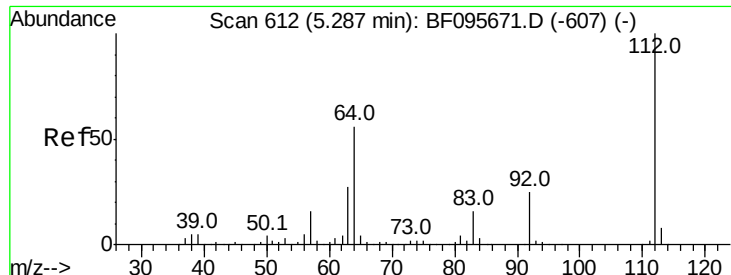
Delta R.T. -0.01 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	42	Resp:	71435
Ion Ratio	Lower	Upper	
42	100		
74	143.2	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 79.18 ng

RT: 5.24 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

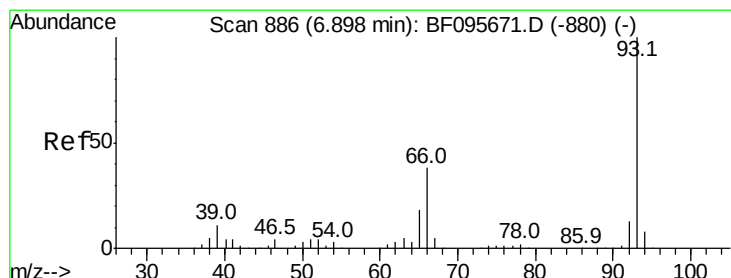
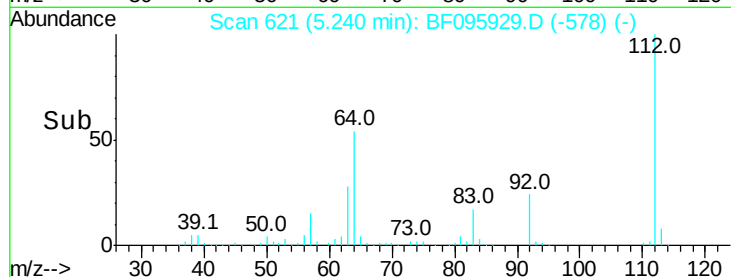
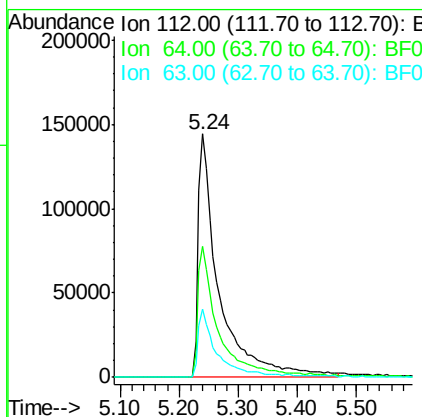
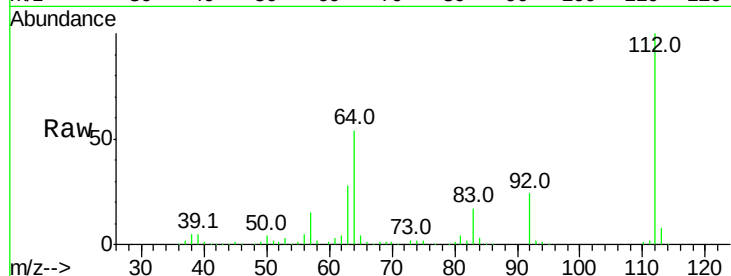
PB99714BSD

Tot Ion:	112	Resp:	351996
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.0	69.0
63	28.1	23.4	35.0

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#6

Aniline

Concen: 17.21 ng

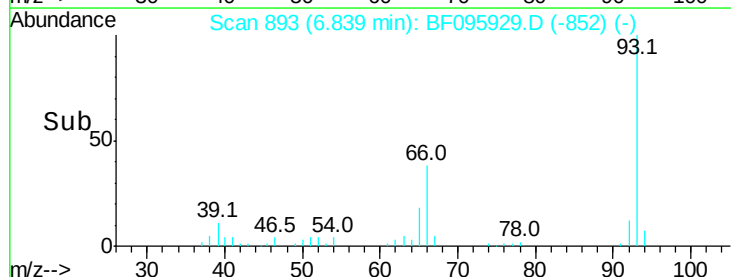
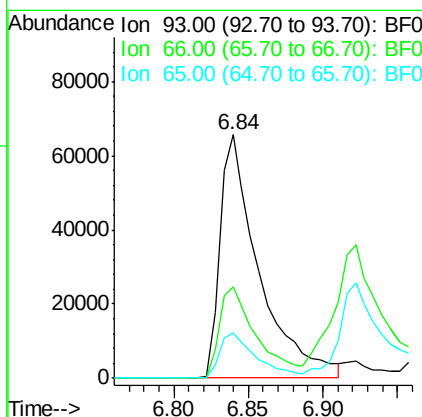
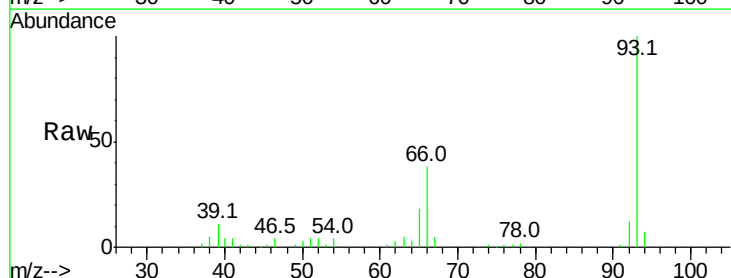
RT: 6.84 min Scan# 893

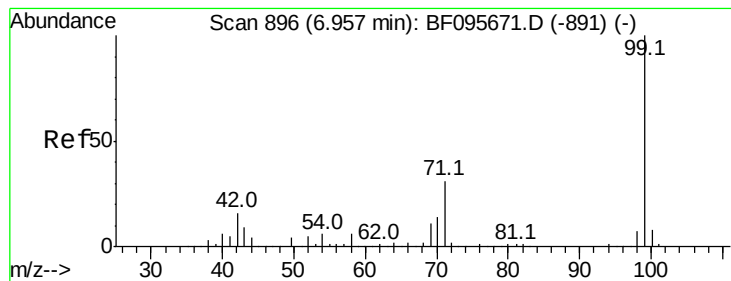
Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	93	Resp:	119846
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.9	49.3
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 78.49 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095929.D

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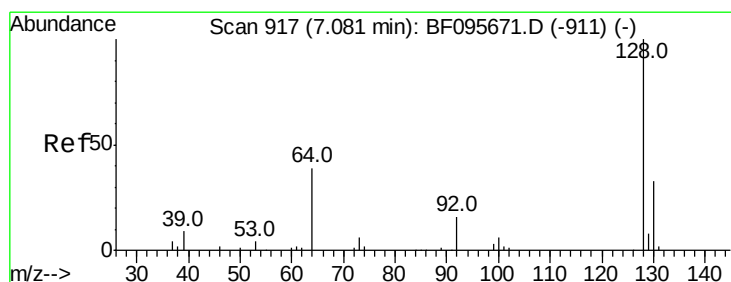
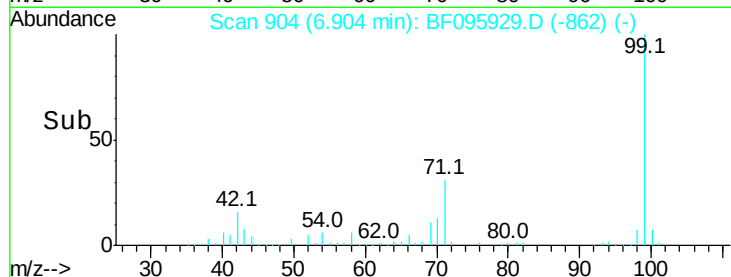
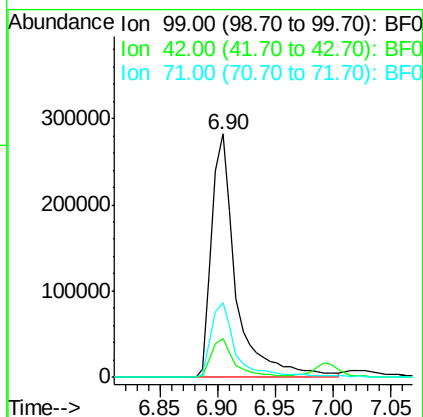
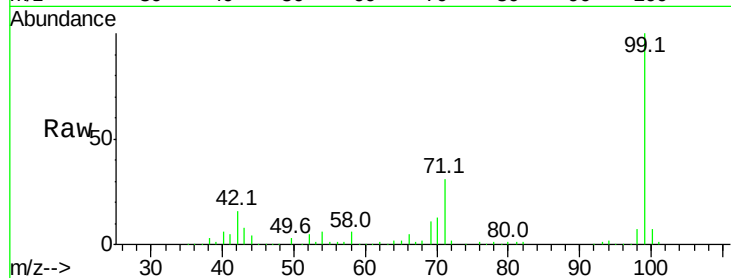
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Tot Ion:	99	Resp:	417730
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	30.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.89 ng

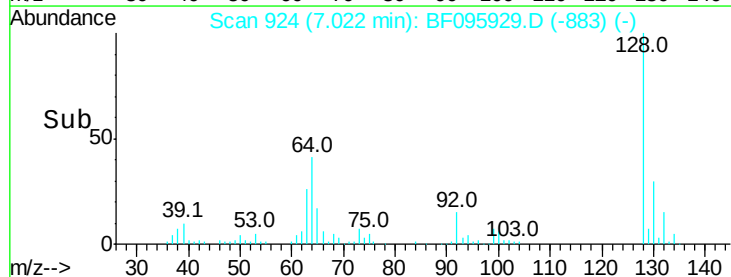
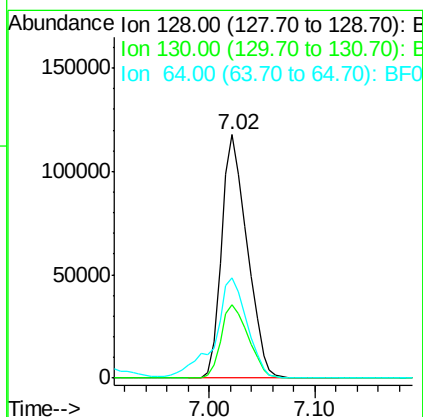
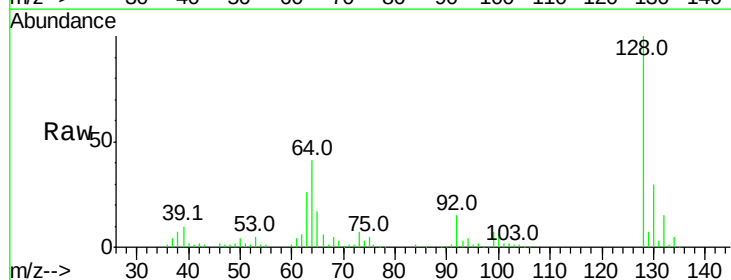
RT: 7.02 min Scan# 924

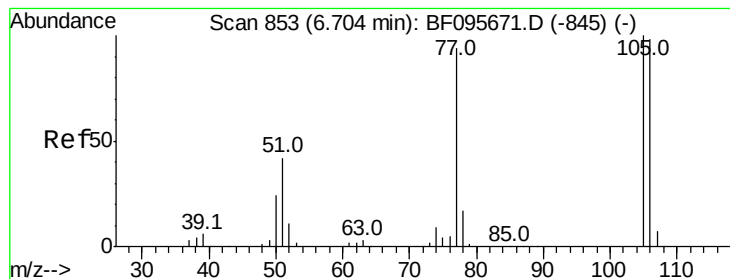
Delta R.T. -0.06 min

Lab File: BF095929.D

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Tgt Ion:	128	Resp:	198008
Ion Ratio	Lower	Upper	
128	100		
130	30.1	12.9	52.9
64	41.3	28.4	68.4





#9

Benzaldehyde

Concen: 17.16 ng

RT: 6.65 min Scan# 861

Delta R.T. -0.05 min

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Acq: 14 Jun 2017 18:42

Instrument :

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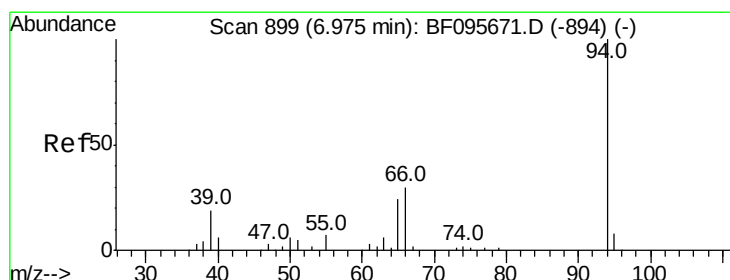
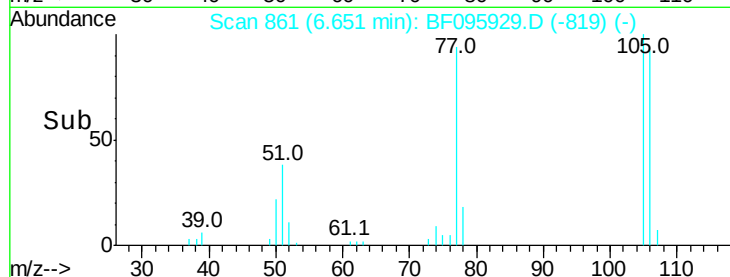
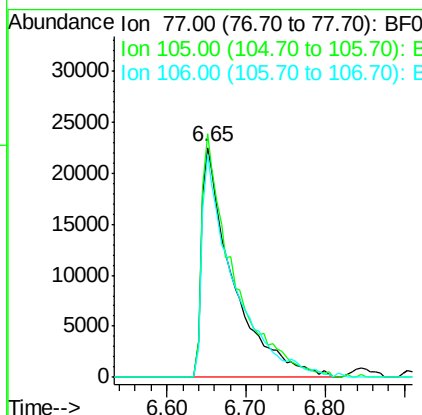
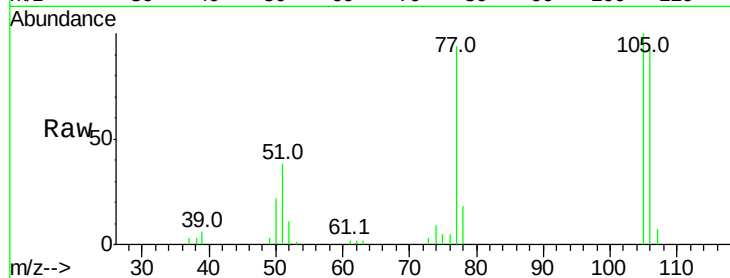
PB99714BSD

Tot Ion:	77	Resp:	61609
Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.8	123.8
106	97.2	79.1	119.1

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#10

Phenol

Concen: 42.71 ng

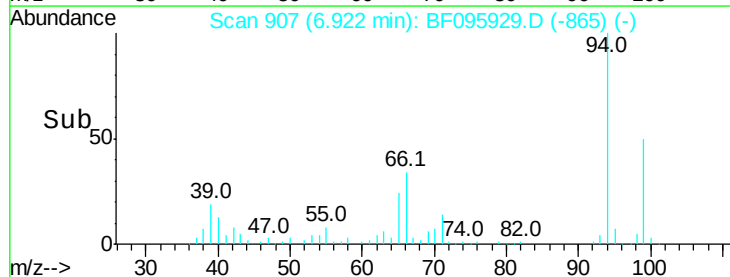
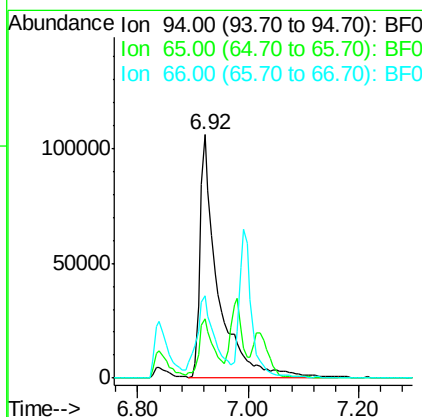
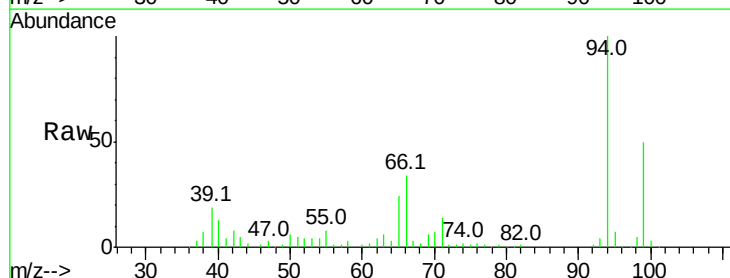
RT: 6.92 min Scan# 907

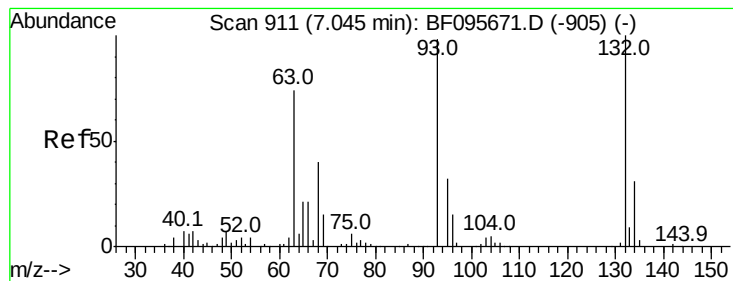
Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	94	Resp:	235762
Ion	Ratio	Lower	Upper
94	100		
65	24.3	9.9	49.9
66	33.8	23.1	63.1





#11
bis(2-Chloroethyl)ether
Concen: 40.79 ng
RT: 6.97 min Scan# 916
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

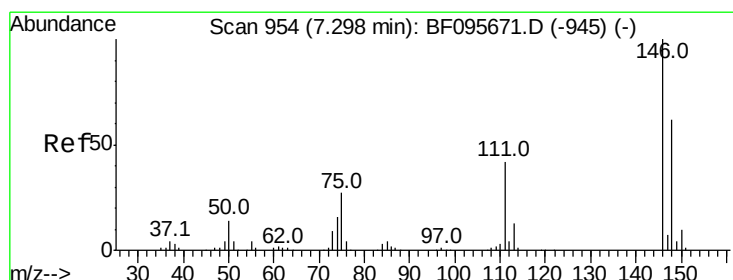
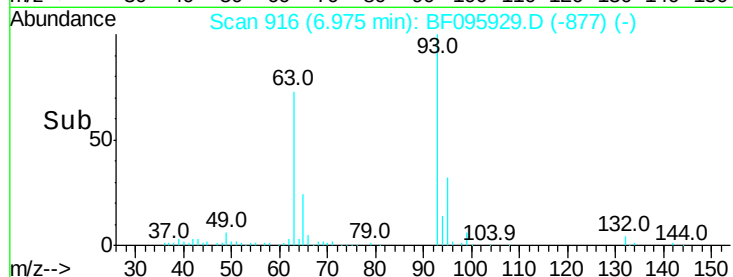
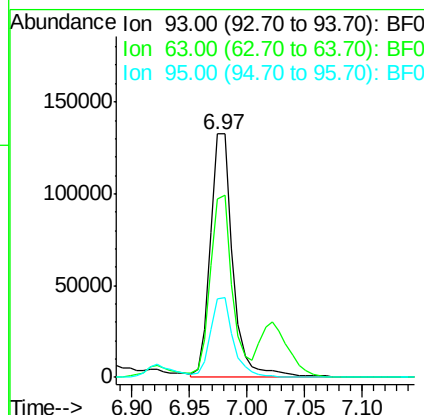
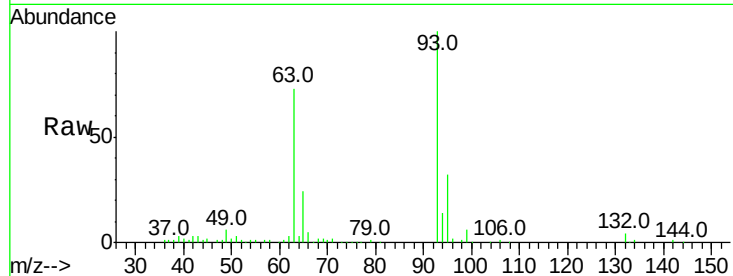
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:	93	Resp:	178379
Ion Ratio	Lower	Upper	
93	100		
63	73.1	59.2	99.2
95	32.1	12.8	52.8

Manual Integrations
APPROVED

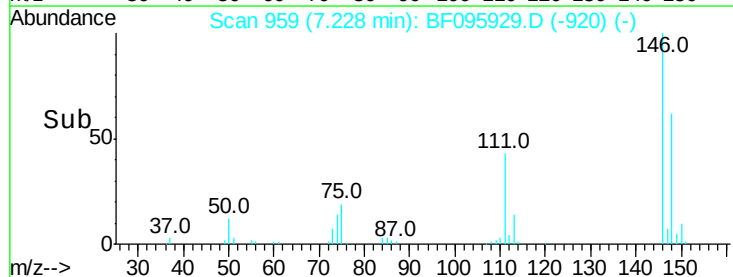
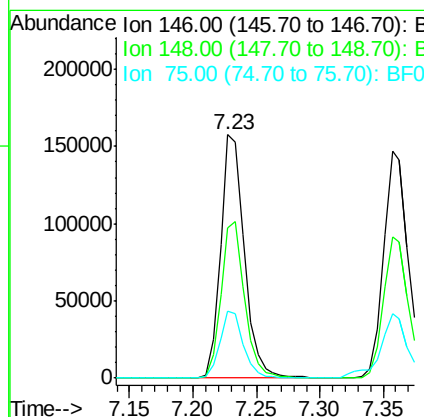
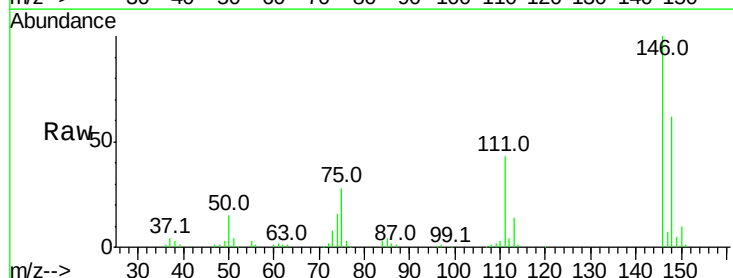
mohammad

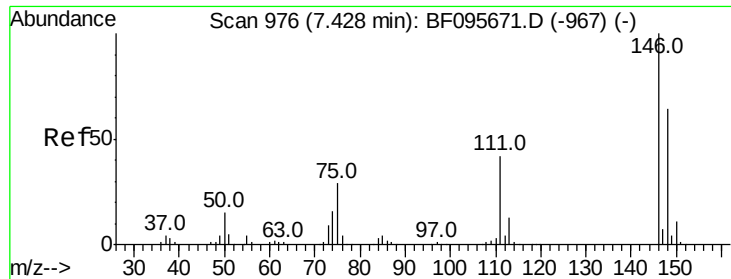
6/15/2017 3:55:16 PM



#12
1,3-Dichlorobenzene
Concen: 38.61 ng
RT: 7.23 min Scan# 959
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	146	Resp:	206584
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.8	77.6
75	27.6	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 7.36 min Scan# 981
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

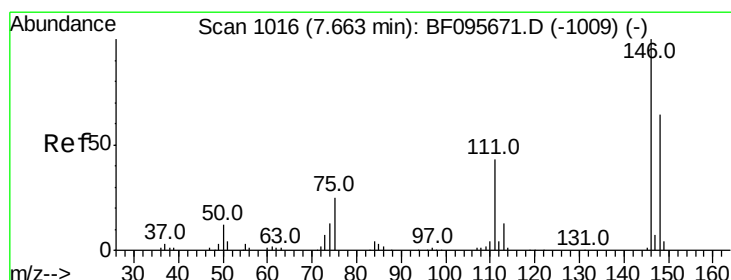
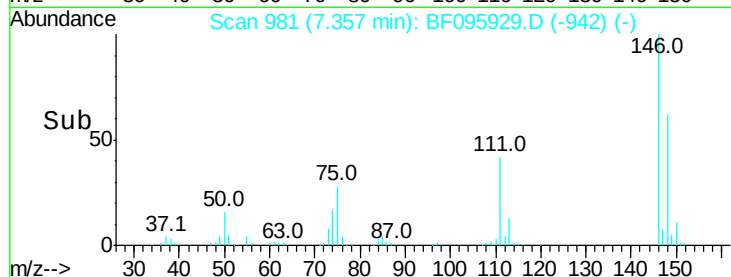
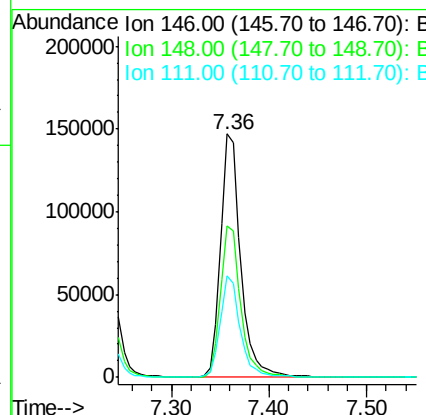
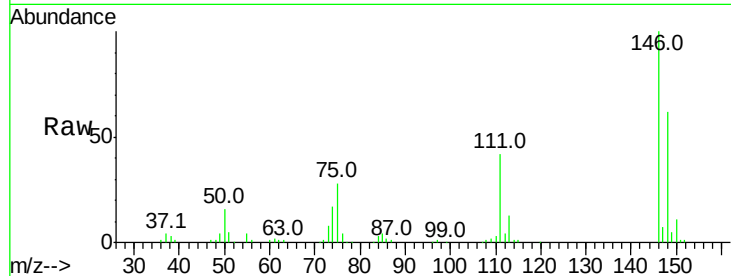
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	41.7	30.3	45.5

Manual Integrations
 APPROVED

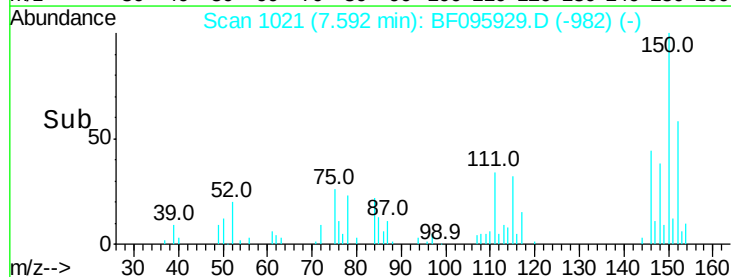
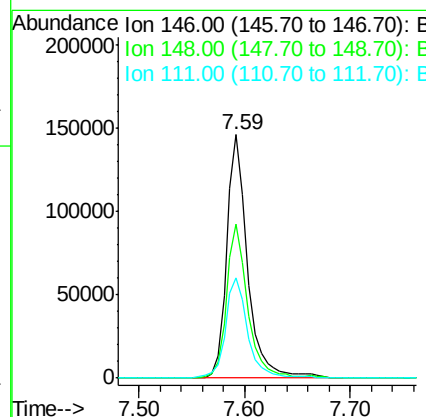
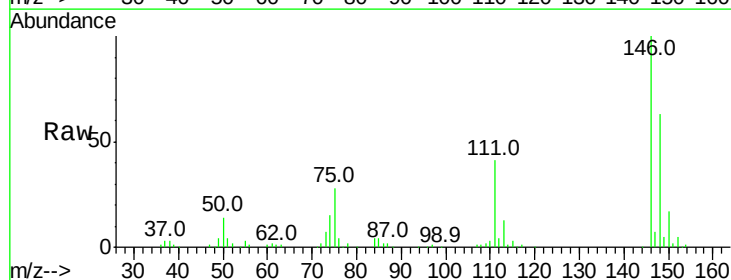
mohammad

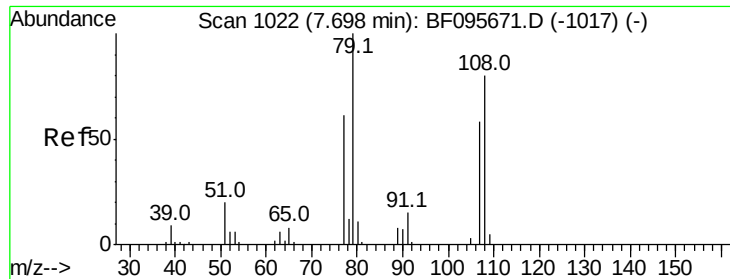
6/15/2017 3:55:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.20 ng
 RT: 7.59 min Scan# 1021
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	41.3	38.2	57.4





#15
Benzyl Alcohol
Concen: 41.73 ng
RT: 7.65 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

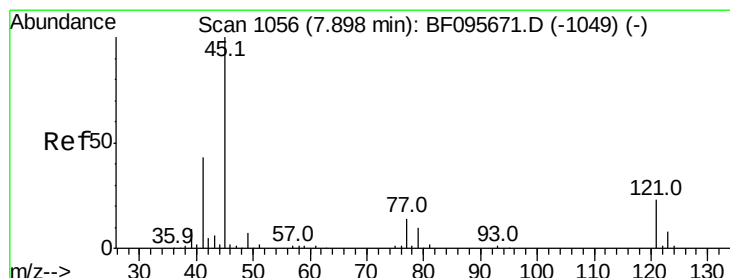
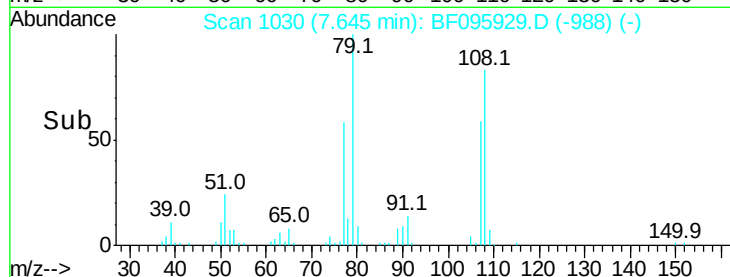
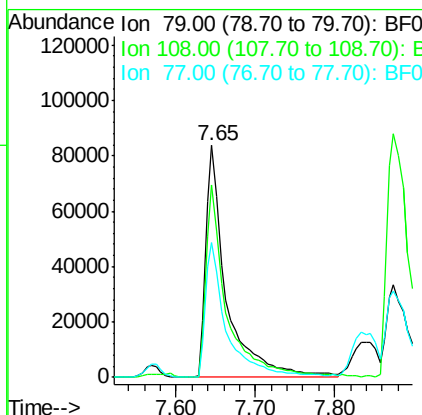
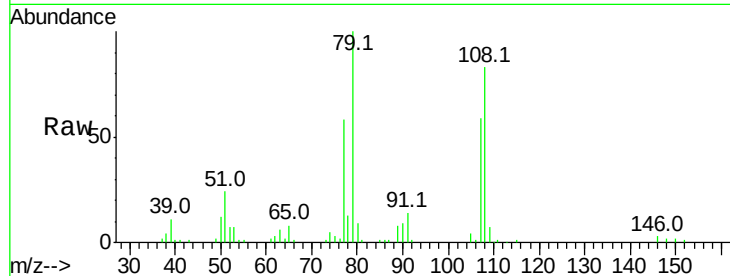
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	63.4	95.0
77	58.3	49.2	73.8

Manual Integrations
APPROVED

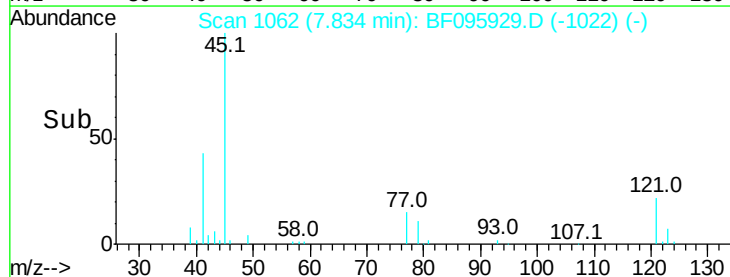
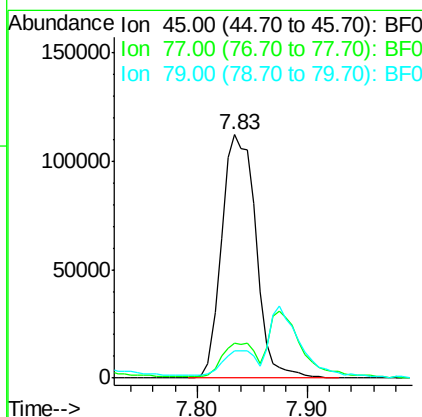
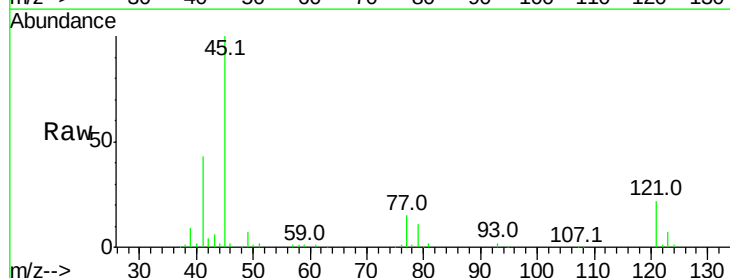
mohammad

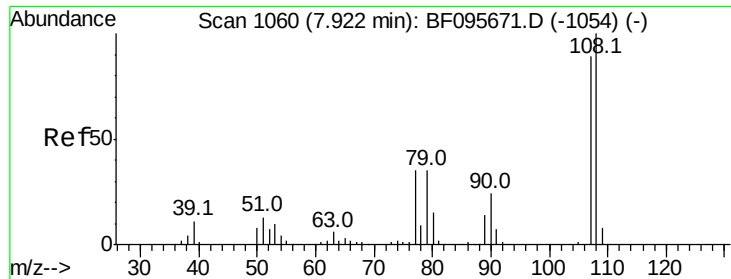
6/15/2017 3:55:16 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.56 ng
RT: 7.83 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.2
79	11.2	0.0	30.0





#17
2-Methylphenol
Concen: 40.63 ng
RT: 7.87 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

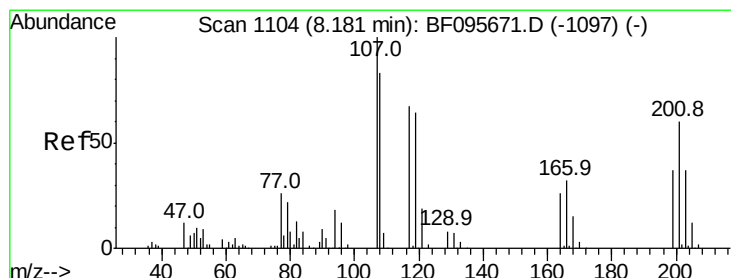
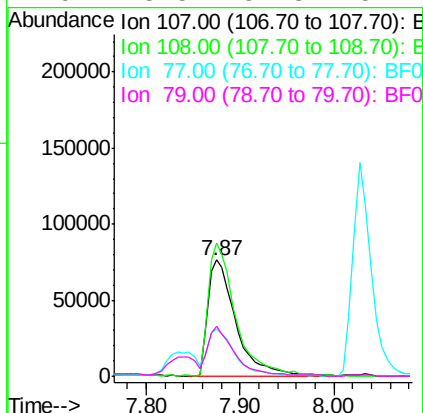
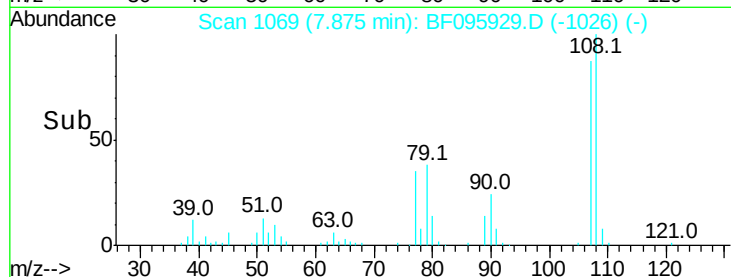
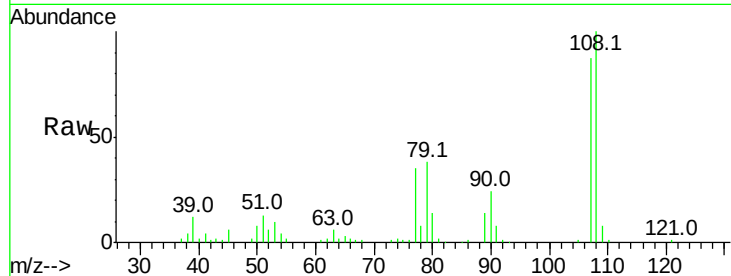
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:	107	Resp:	161162
Ion Ratio	Lower	Upper	
107	100		
108	115.0	93.4	140.0
77	40.5	35.8	53.6
79	43.5	34.8	52.2

Manual Integrations
APPROVED

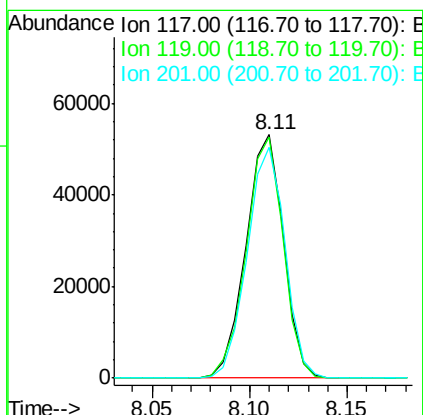
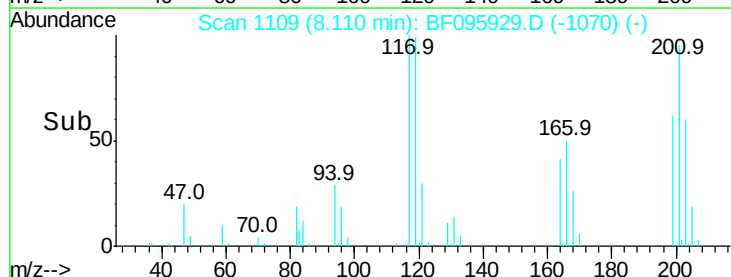
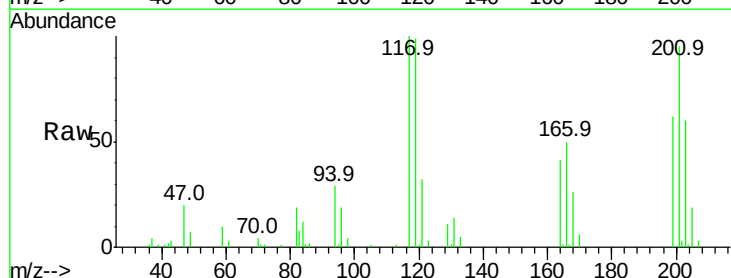
mohammad

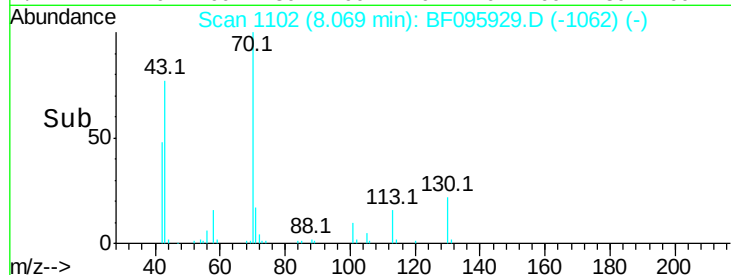
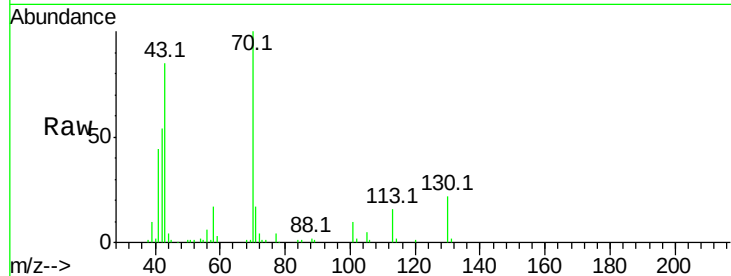
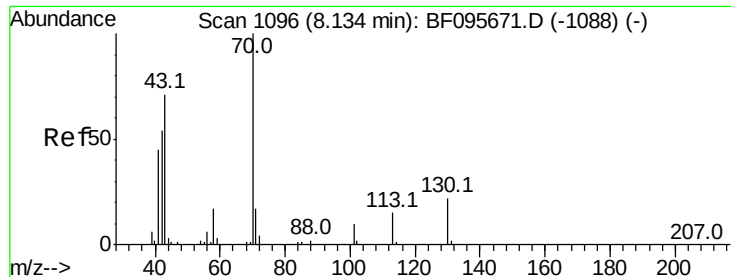
6/15/2017 3:55:16 PM



#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	117	Resp:	71205
Ion Ratio	Lower	Upper	
117	100		
119	99.2	77.4	116.0
201	94.9	94.6	141.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 8.07 min Scan# 1102
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

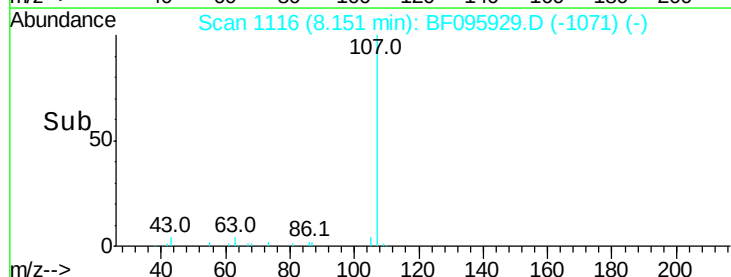
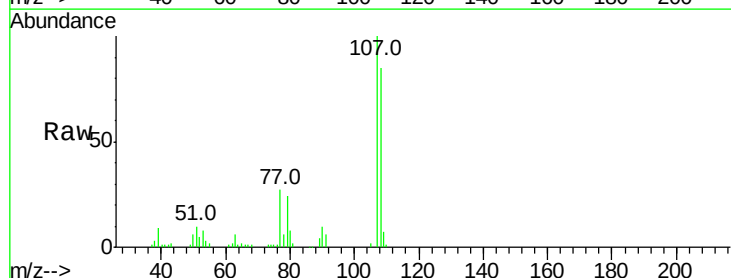
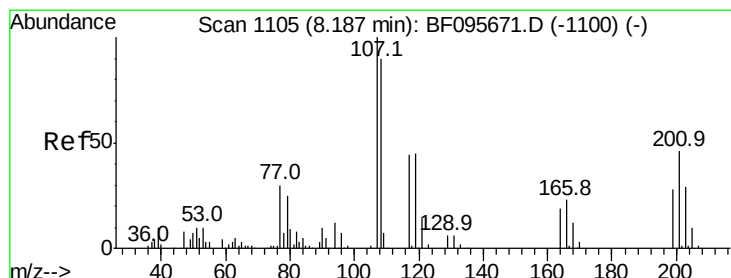
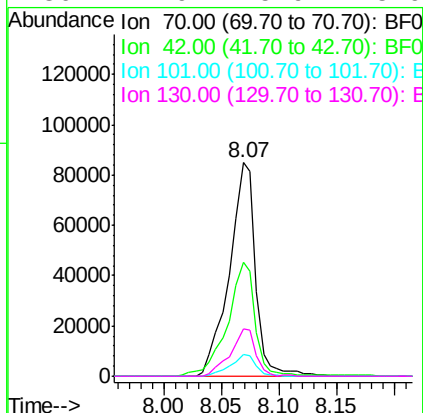
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	47.2	70.8	
101	10.3	7.2	10.8	
130	21.9	15.9	23.9	

Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Manual Integrations
APPROVED

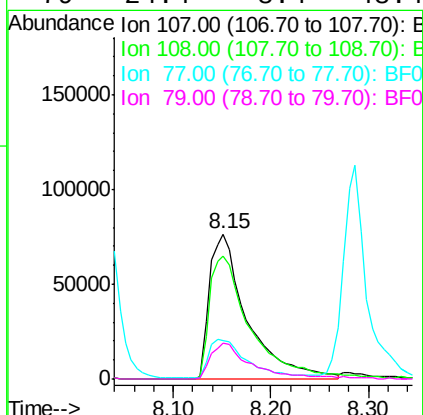
mohammad

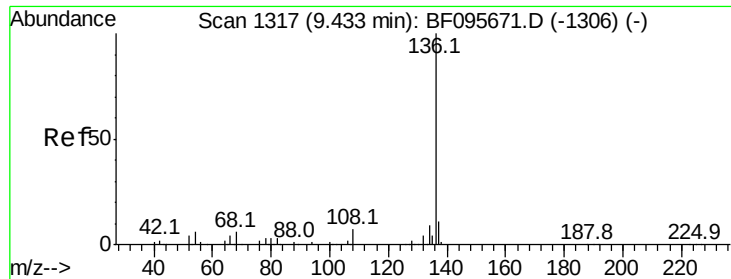
6/15/2017 3:55:16 PM



#20
3+4-Methylphenols
Concen: 40.75 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	71.0	111.0	
77	26.7	90.5	130.5#	
79	24.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

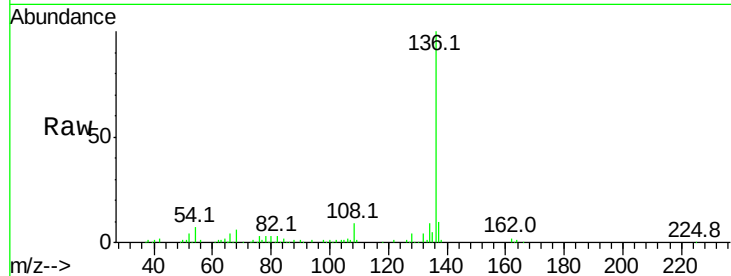
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	6.6	4.9	7.3	
68	5.8	4.1	6.1	

Manual Integrations
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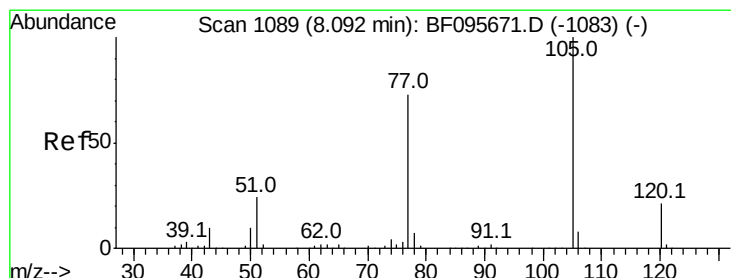
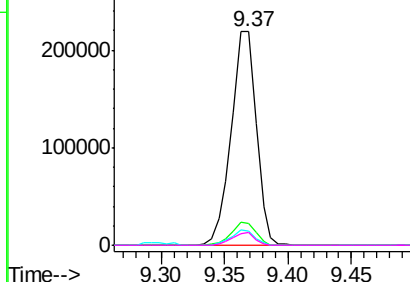
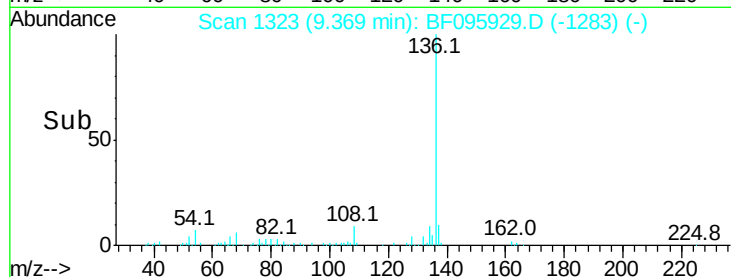


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.41 ng

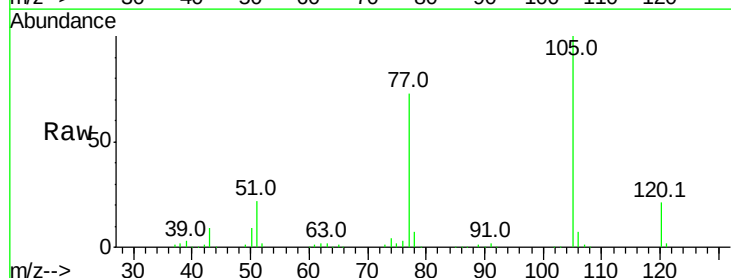
RT: 8.03 min Scan# 1095

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.4	30.7	46.1#	
120	20.7	17.4	26.0	

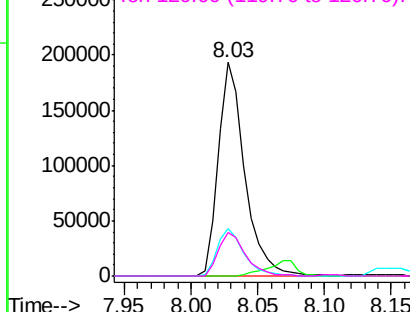
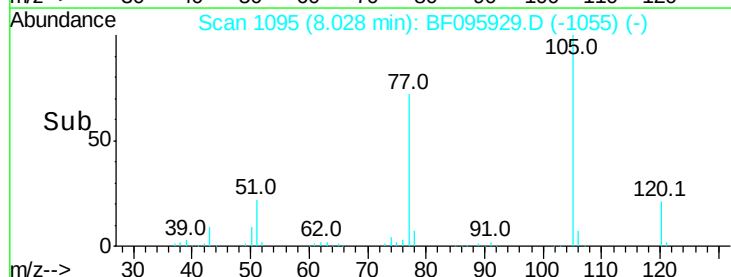


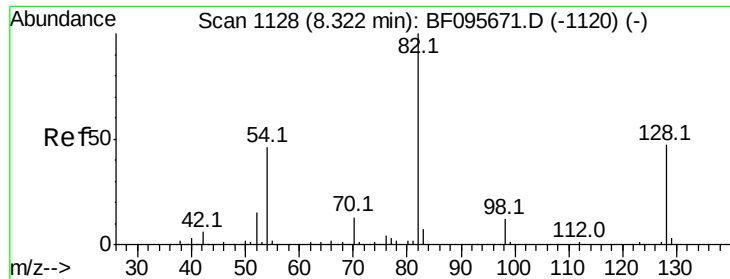
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 76.80 ng
 RT: 8.26 min Scan# 1134
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

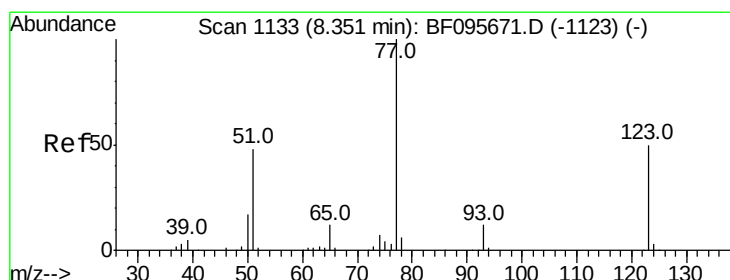
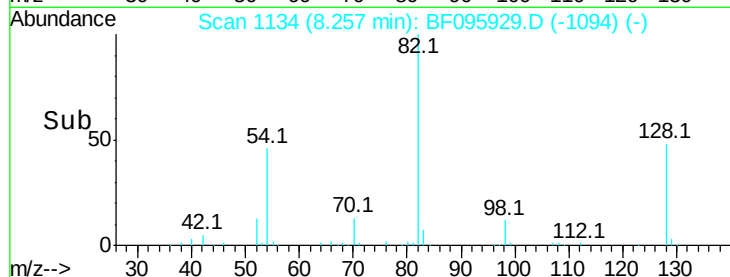
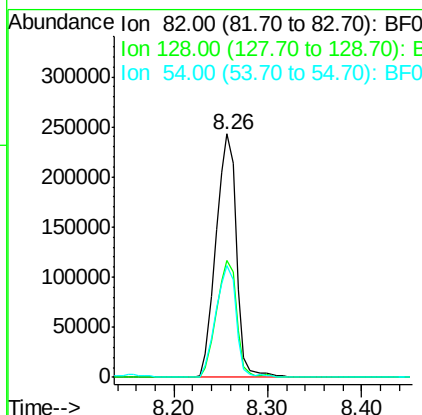
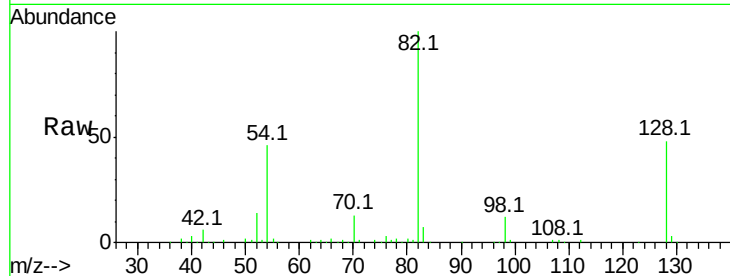
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	82	Resp:	371131
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.0	51.0
54	46.0	42.2	63.2

Manual Integrations
 APPROVED

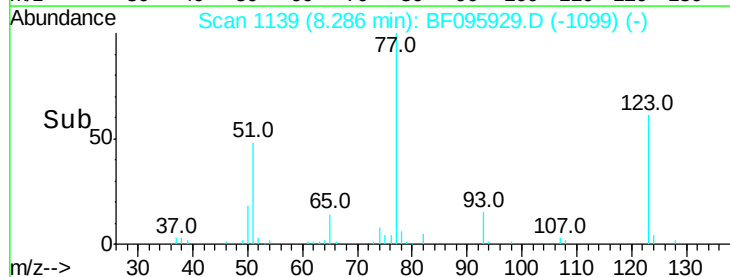
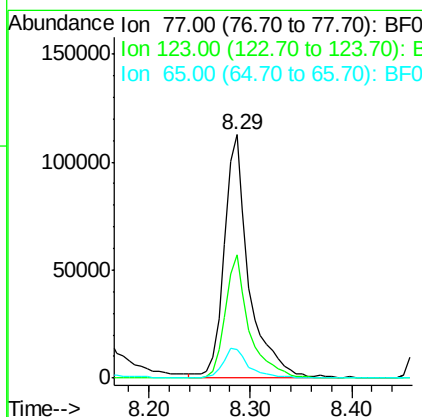
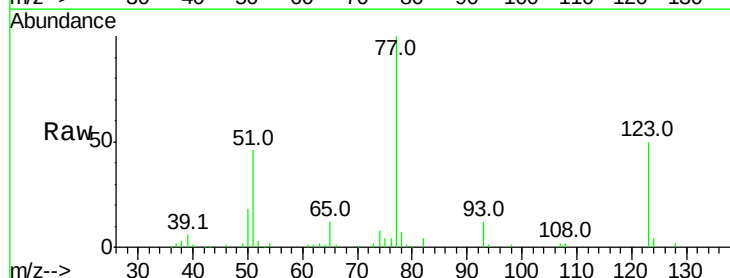
mohammad

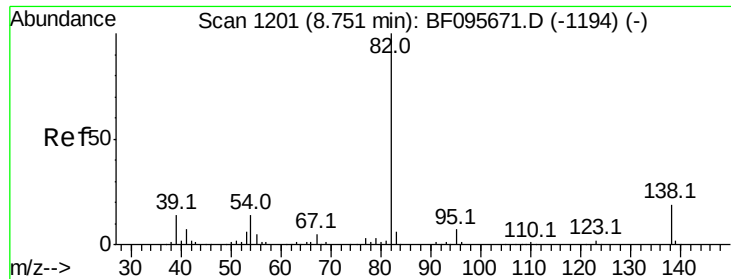
6/15/2017 3:55:16 PM



#24
 Nitrobenzene
 Concen: 36.28 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	77	Resp:	187283
Ion Ratio	Lower	Upper	
77	100		
123	50.4	35.8	53.8
65	12.0	10.6	15.8





#25

Isophorone

Concen: 37.70 ng

RT: 8.69 min Scan# 1208

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

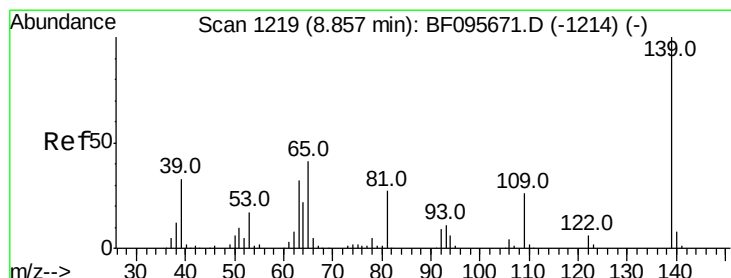
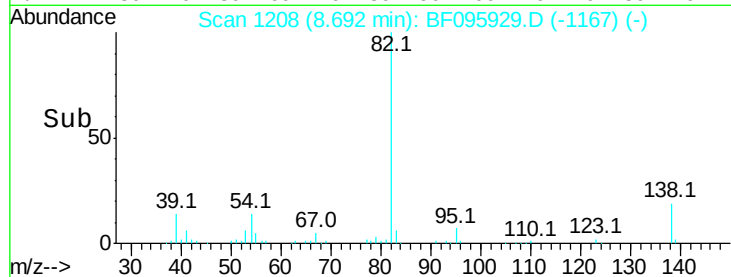
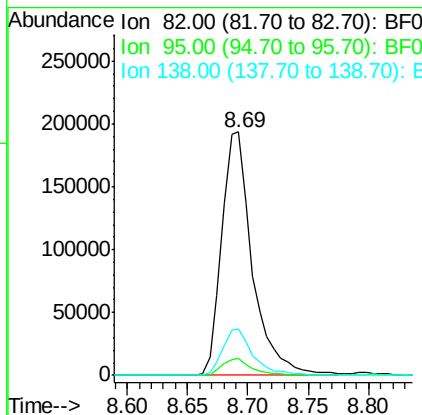
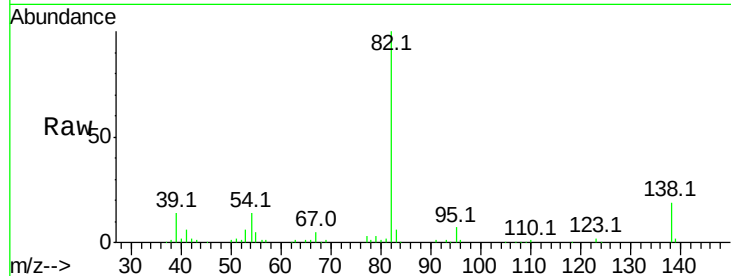
PB99714BSD

Tot Ion:	82	Resp:	340135
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
APPROVED

mohammad

6/15/2017 3:55:16 PM



#26

2-Nitrophenol

Concen: 39.64 ng

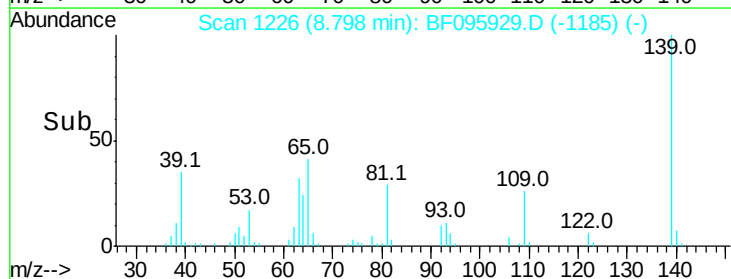
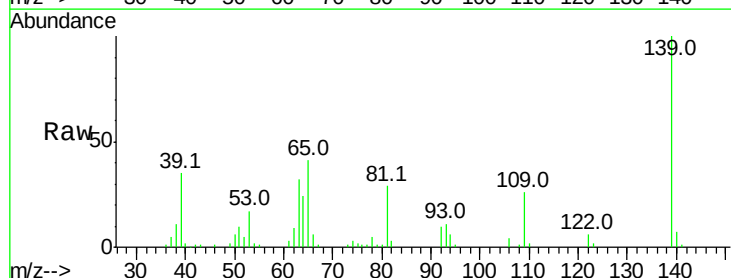
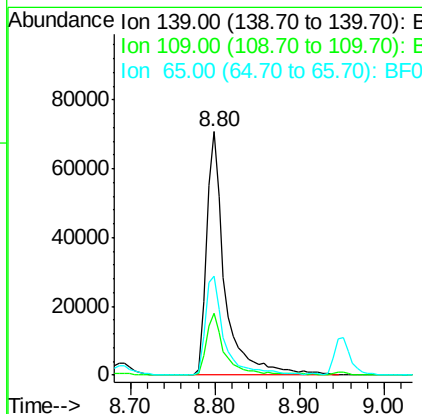
RT: 8.80 min Scan# 1226

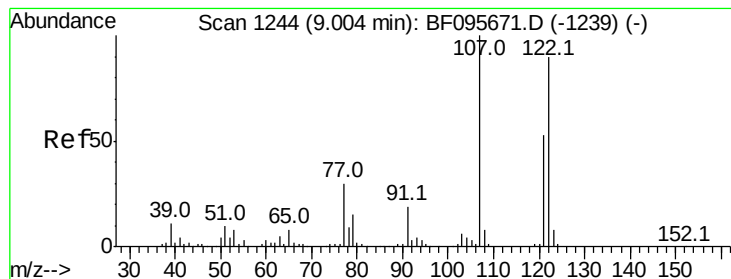
Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	139	Resp:	107134
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.0	31.6
65	40.6	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 40.75 ng

RT: 8.95 min Scan# 1252

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

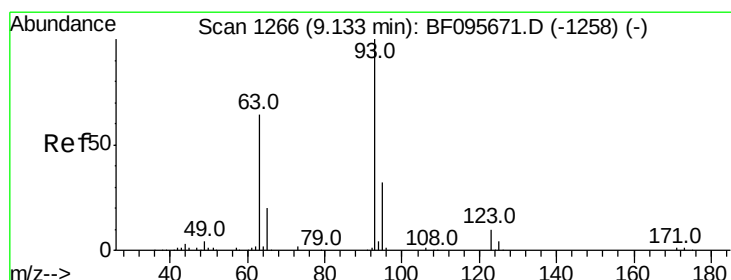
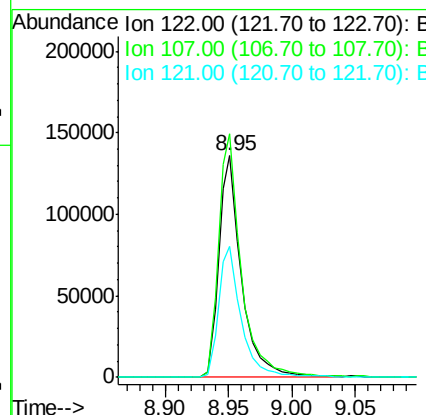
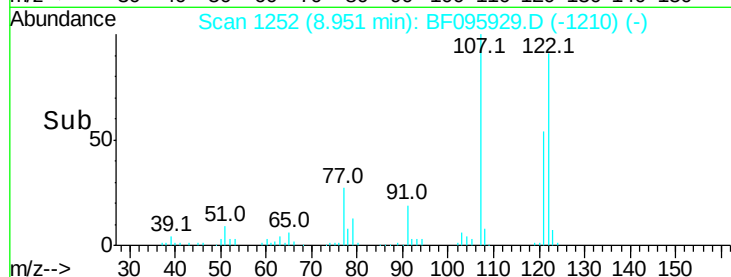
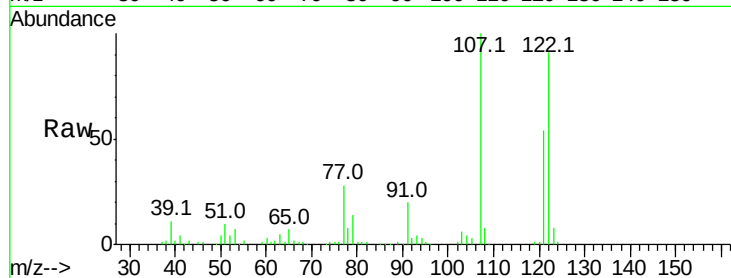
PB99714BSD

Tot Ion:	122	Resp:	170951
Ion Ratio	Lower	Upper	
122	100		
107	109.8	89.2	133.8
121	58.8	45.2	67.8

Manual Integrations
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6/15/2017 3:55:16 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.09 ng

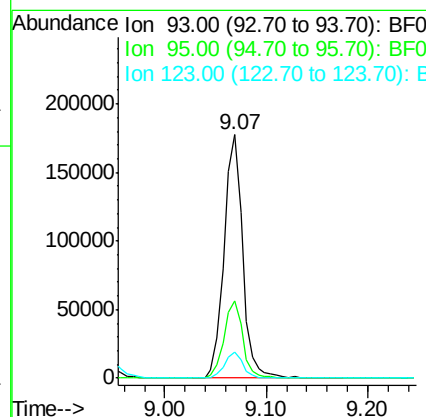
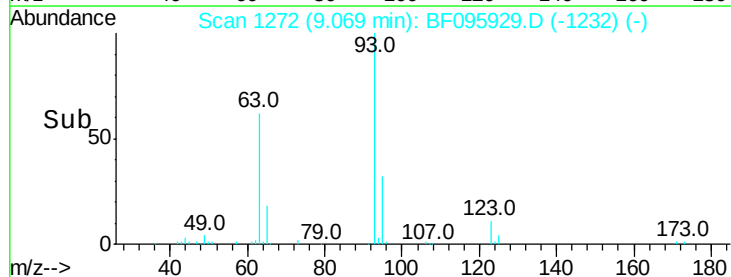
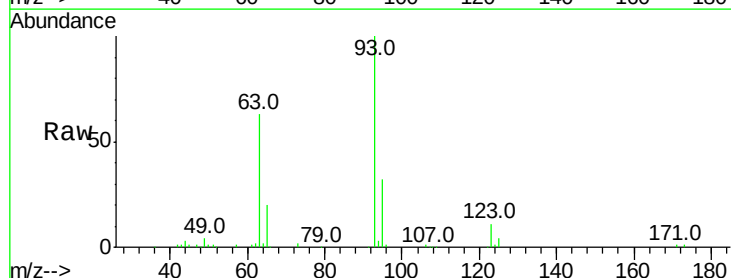
RT: 9.07 min Scan# 1272

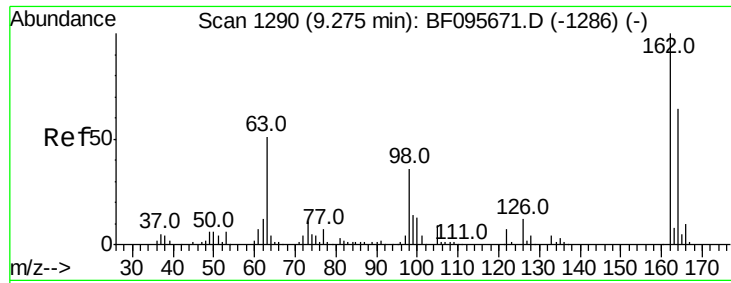
Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	93	Resp:	226515
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.5	39.7
123	10.9	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 9.23 min Scan# 1300
 Delta R.T. -0.04 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

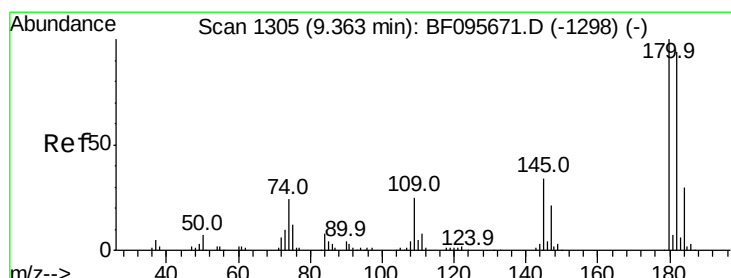
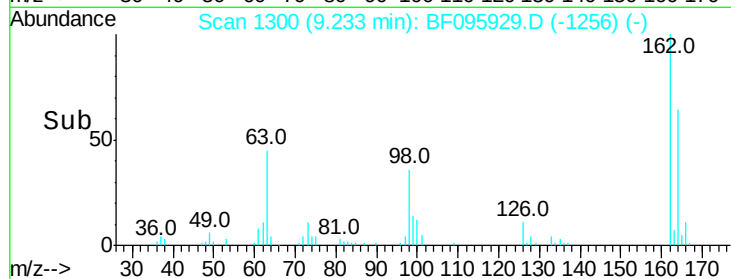
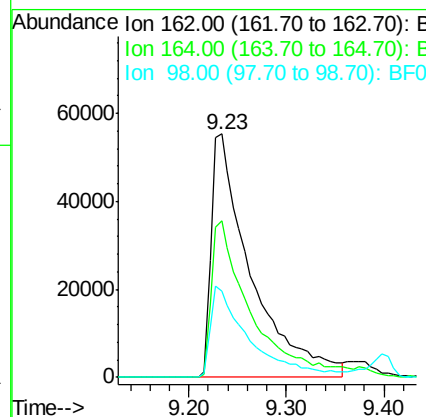
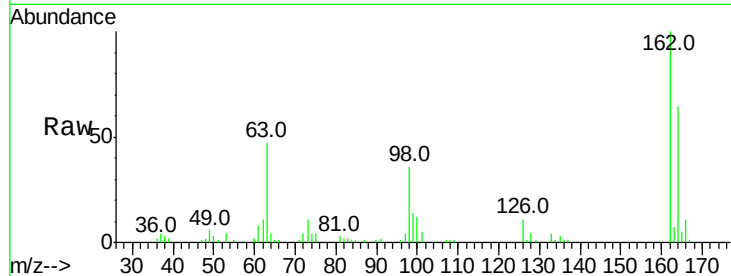
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	162	Resp:	155836
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.6	84.6
98	35.5	14.8	54.8

Manual Integrations
 APPROVED

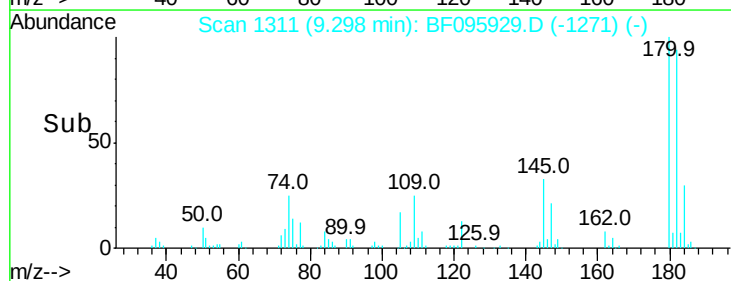
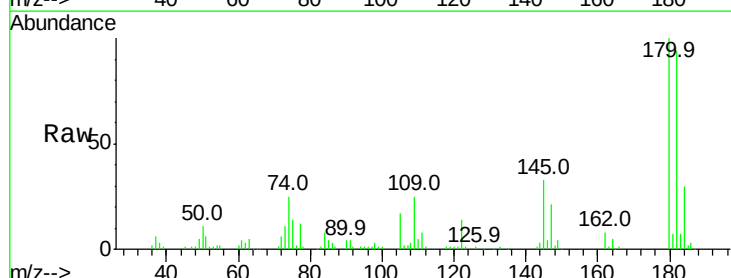
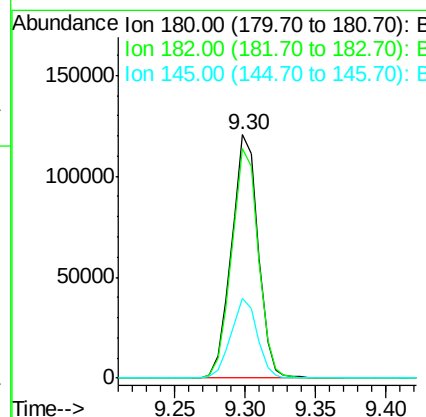
mohammad

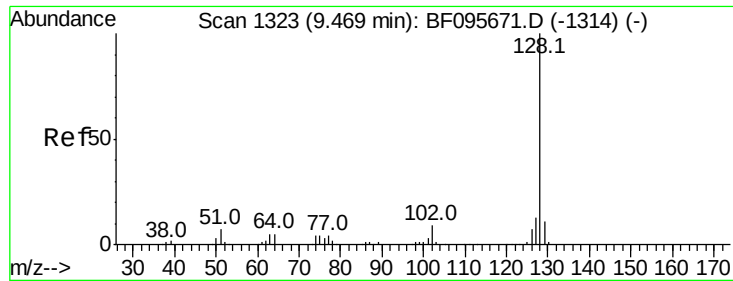
6/15/2017 3:55:16 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.53 ng
 RT: 9.30 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	180	Resp:	157775
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.6
145	32.9	25.3	37.9





#31
Naphthalene
Concen: 37.20 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

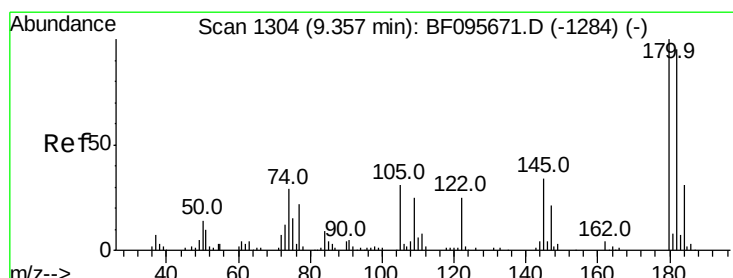
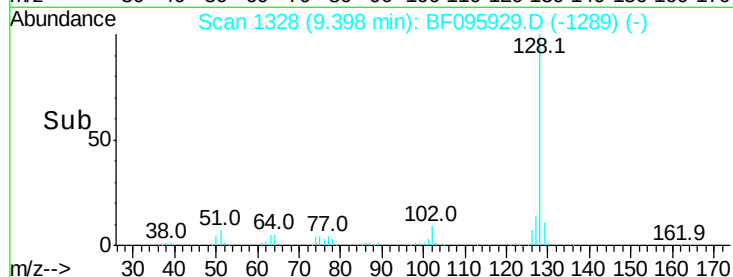
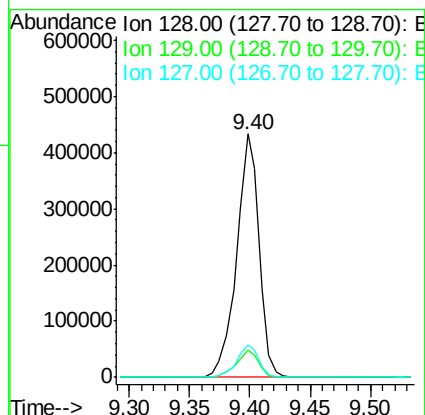
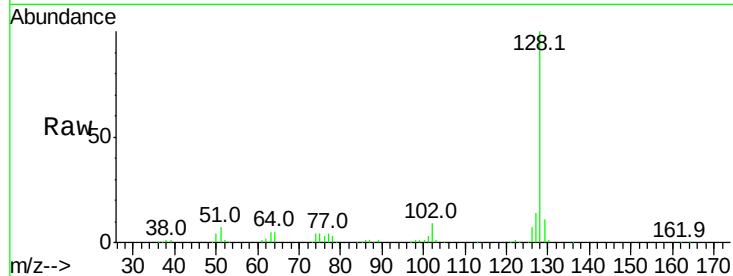
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:128	Resp:	560243
Ion Ratio	Lower	Upper
128 100		
129 11.2	9.0	13.6
127 13.5	10.8	16.2

Manual Integrations
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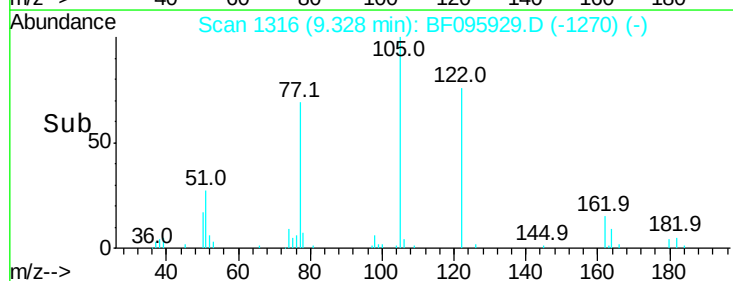
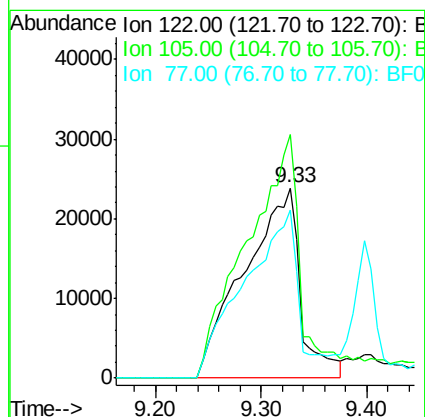
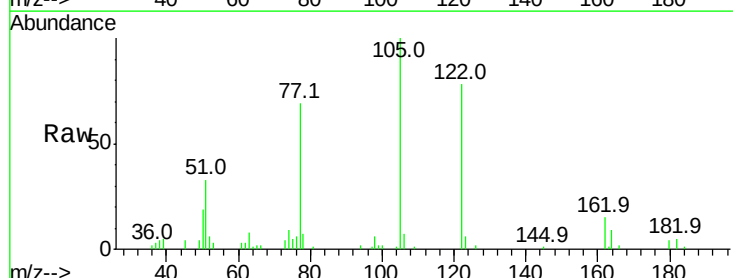
mohammad

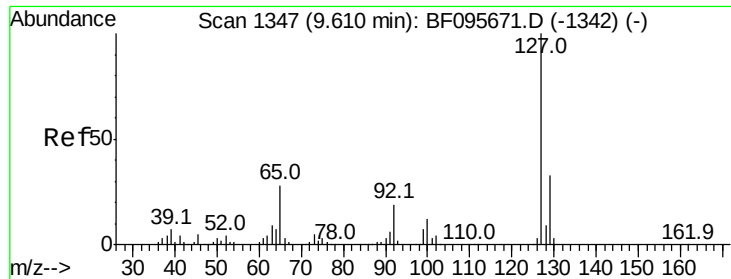
6/15/2017 3:55:16 PM



#32
Benzoic acid
Concen: 34.95 ng
RT: 9.33 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:122	Resp:	87553
Ion Ratio	Lower	Upper
122 100		
105 127.8	103.3	143.3
77 88.6	73.7	113.7





#33
4-Chloroaniline
Concen: 10.15 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

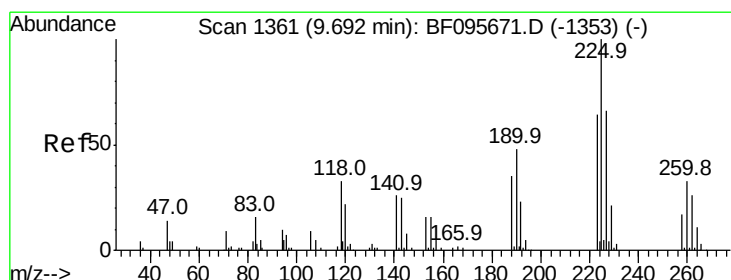
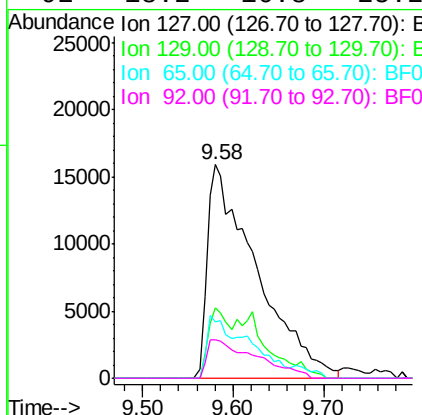
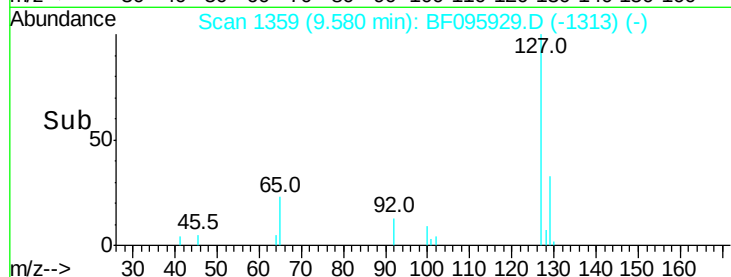
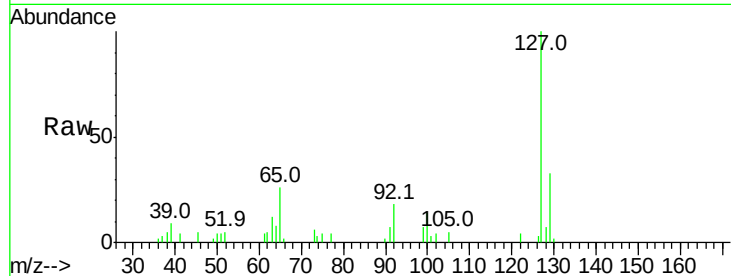
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	26.5	27.8	41.8
92	18.2	16.8	25.2

Manual Integrations
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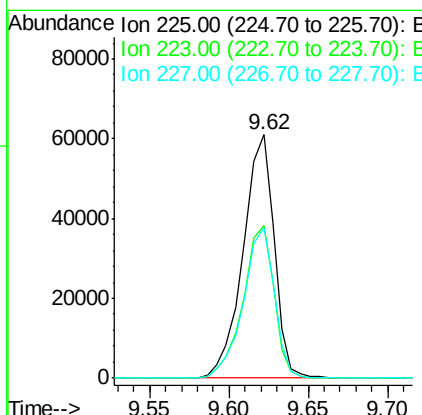
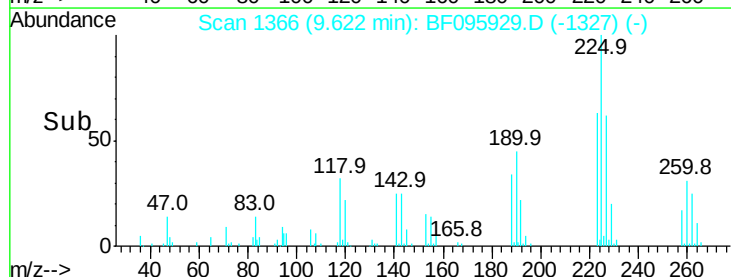
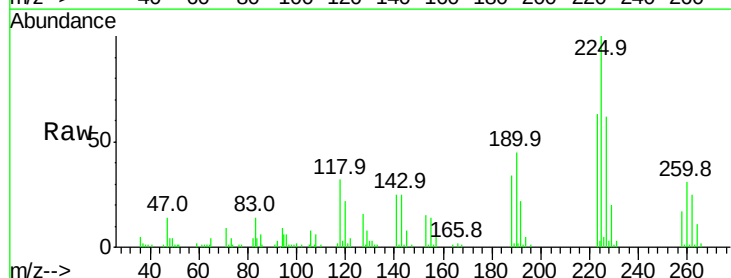
mohammad

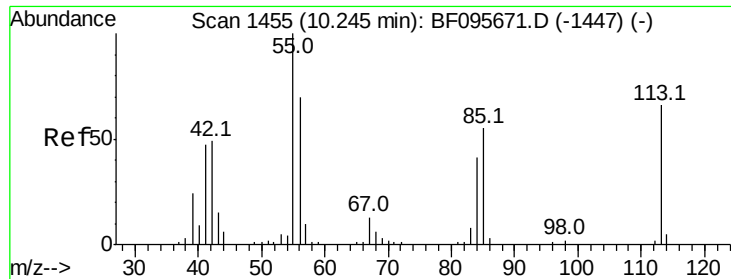
6/15/2017 3:55:16 PM



#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 9.62 min Scan# 1366
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	61.9	51.1	76.7





#35

Caprolactam

Concen: 43.77 ng/mL

RT: 10.19 min Scan# 1462

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleID :

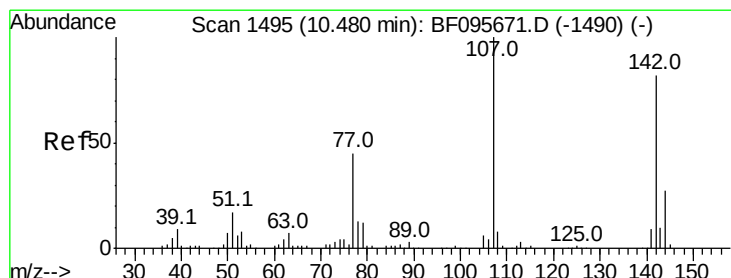
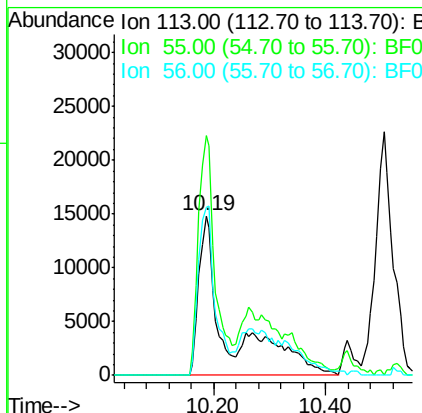
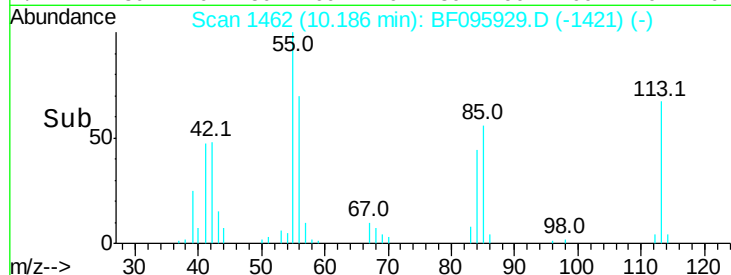
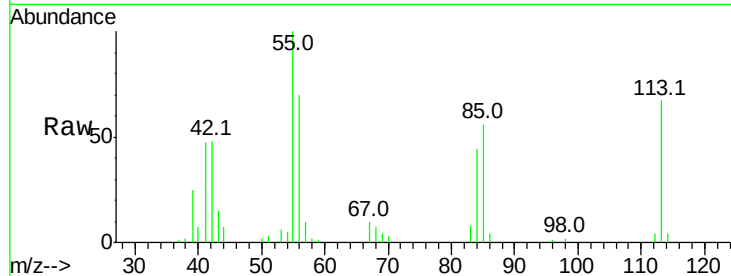
PB99714BSD

Tot Ion:	113	Resp:	52619
Ion Ratio	Lower	Upper	
113	100		
55	149.9	150.2	190.2#
56	105.4	107.8	147.8#

Manual Integrations
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mohammad

6/15/2017 3:55:16 PM



#36

4-Chloro-3-methylphenol

Concen: 40.81 ng/mL

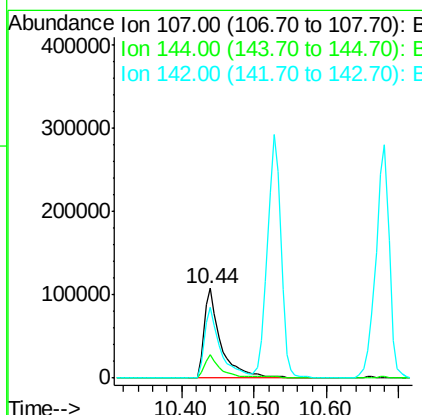
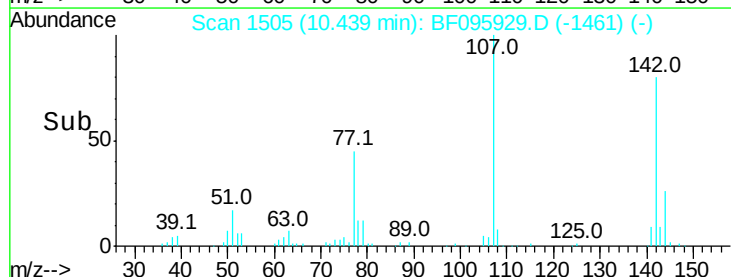
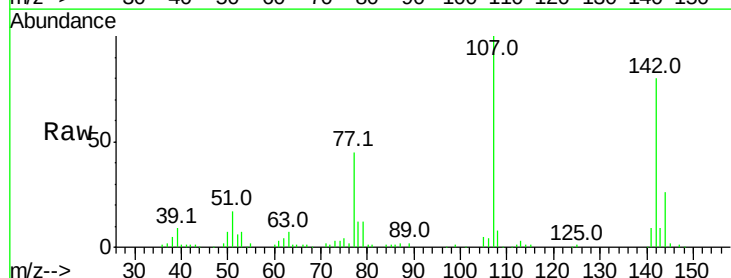
RT: 10.44 min Scan# 1505

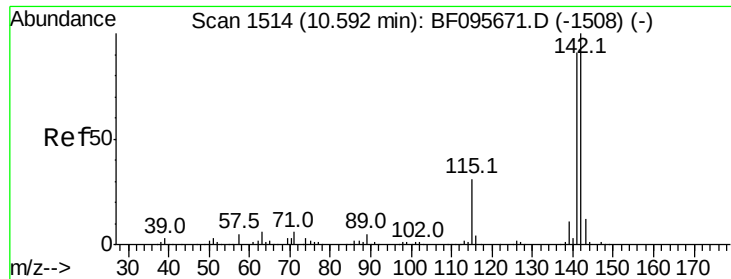
Delta R.T. -0.04 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	107	Resp:	172564
Ion Ratio	Lower	Upper	
107	100		
144	26.3	24.2	36.4
142	79.5	73.4	110.0





#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 10.53 min Scan# 1520
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

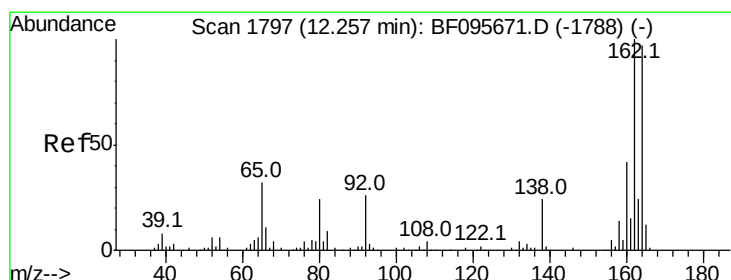
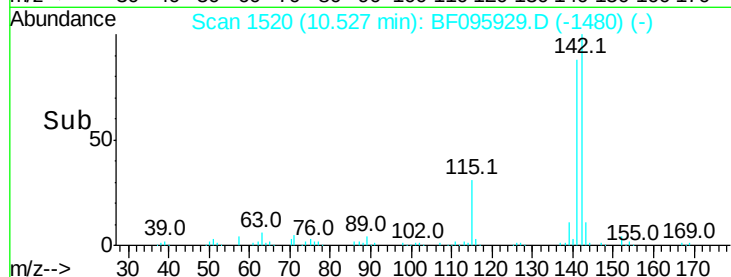
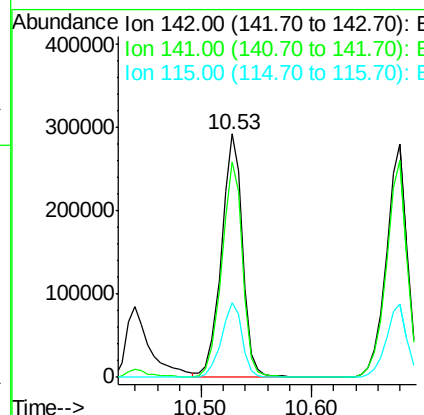
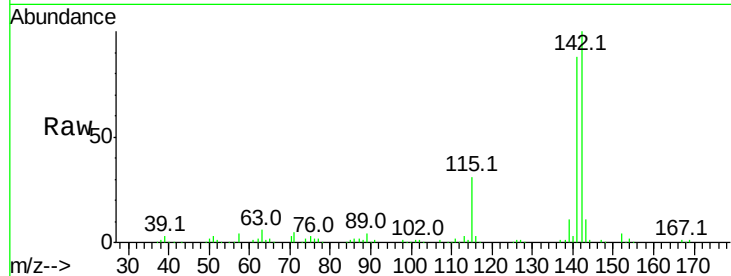
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:	142	Resp:	388390
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.3	106.9
115	30.6	27.1	40.7

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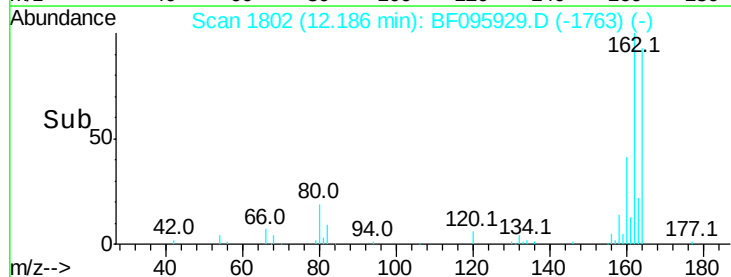
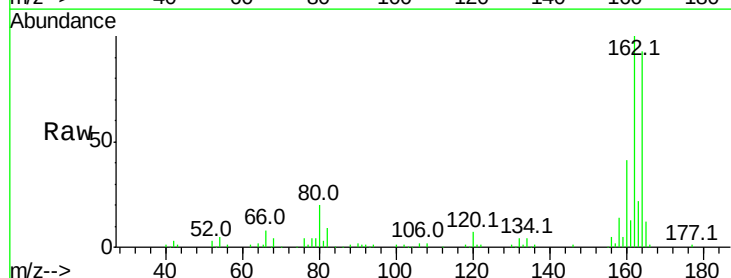
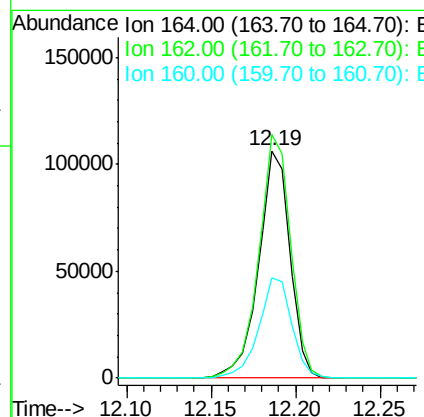
mohammad

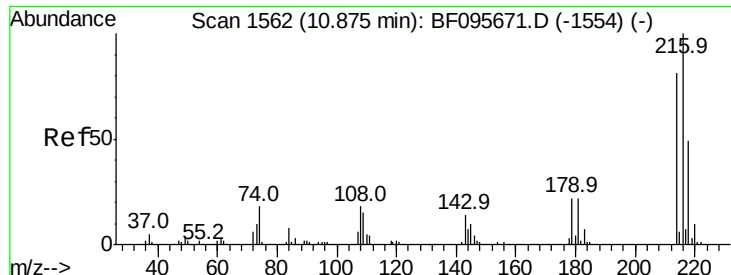
6/15/2017 3:55:16 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	164	Resp:	137482
Ion Ratio	Lower	Upper	
164	100		
162	107.2	82.6	123.8
160	44.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.74 ng

RT: 10.81 min Scan# 1568

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

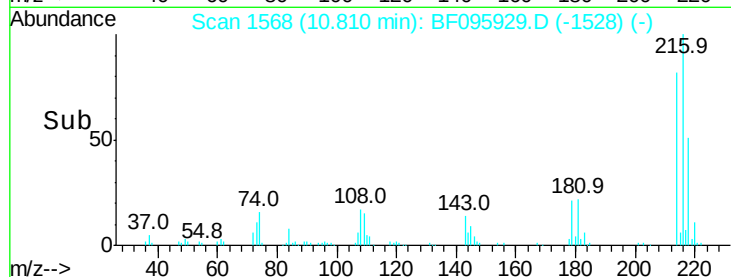
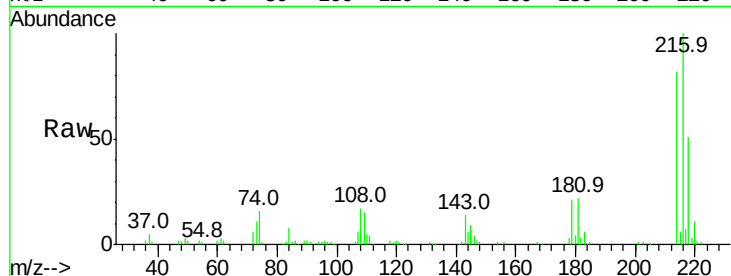
PB99714BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.0	17.9	26.9
108	19.0	16.5	24.7

Manual Integrations
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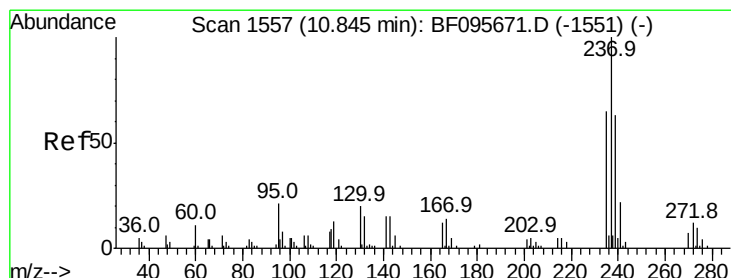
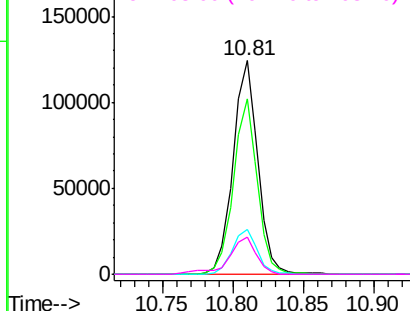


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.17 ng

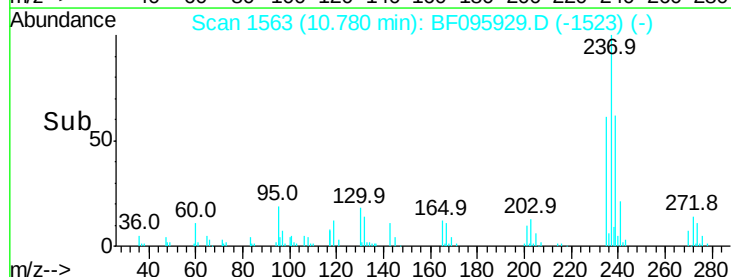
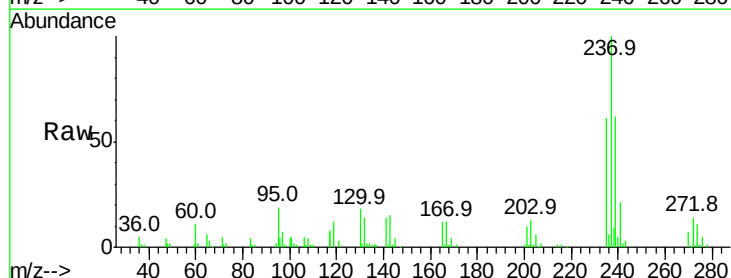
RT: 10.78 min Scan# 1563

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

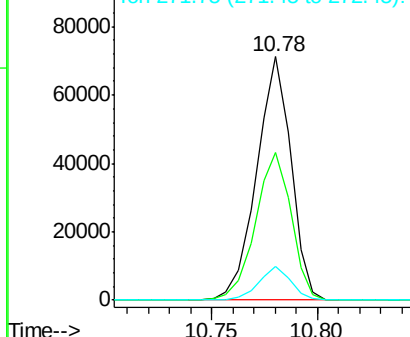
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.9	42.6	82.6
272	14.0	0.0	31.9

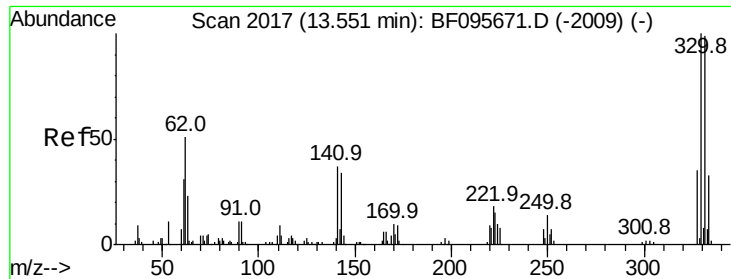


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 76.53 ng
 RT: 13.49 min Scan# 2017
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

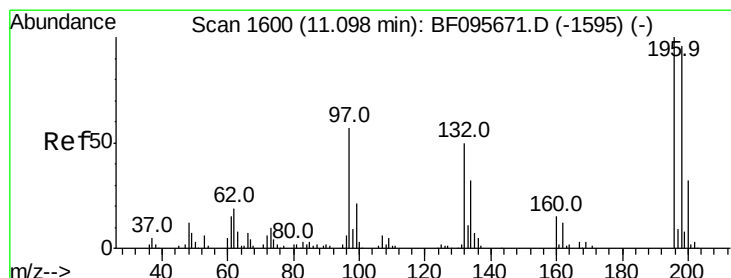
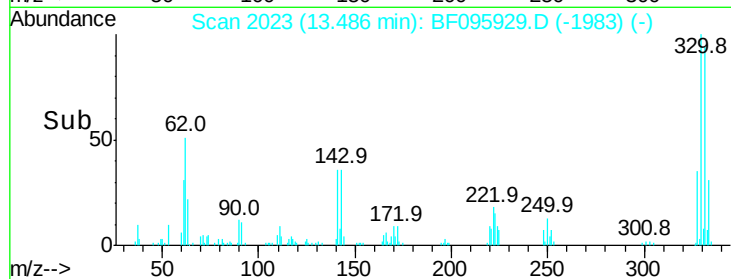
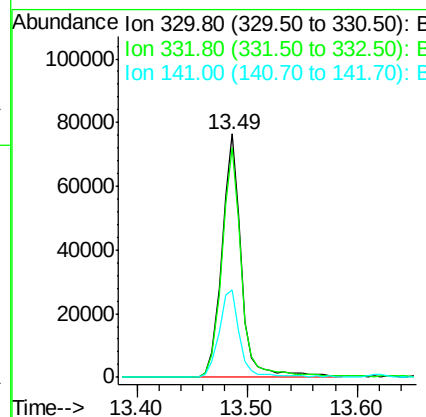
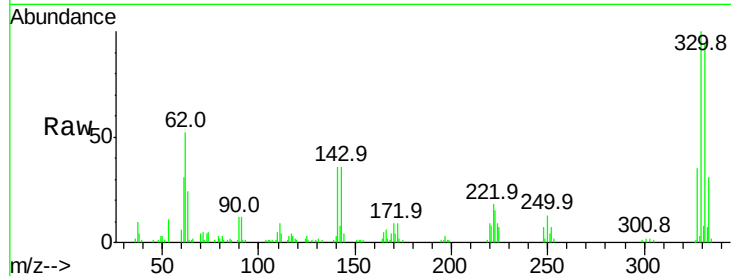
Instrument :
 BNA_F
 ClientSampleID :
 PB99714BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.5	31.4	47.2

Manual Integrations
 APPROVED

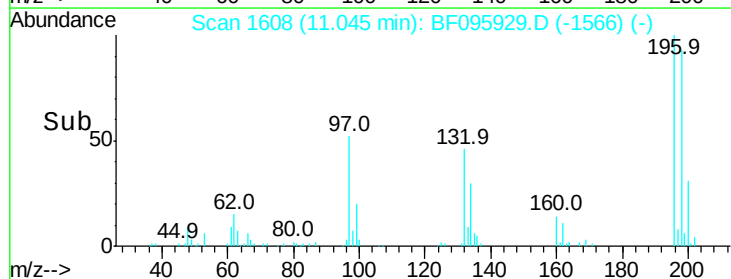
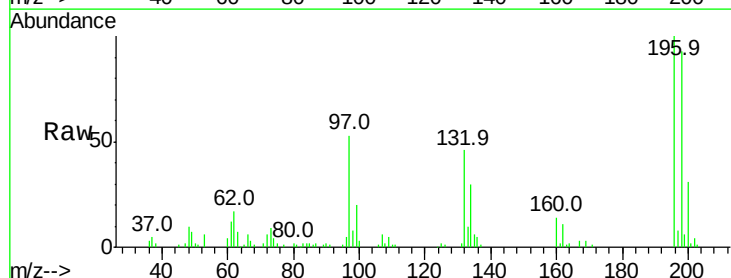
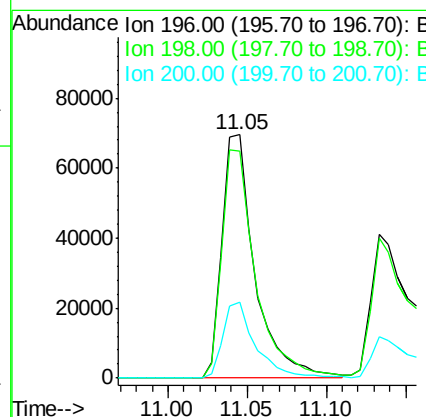
mohammad

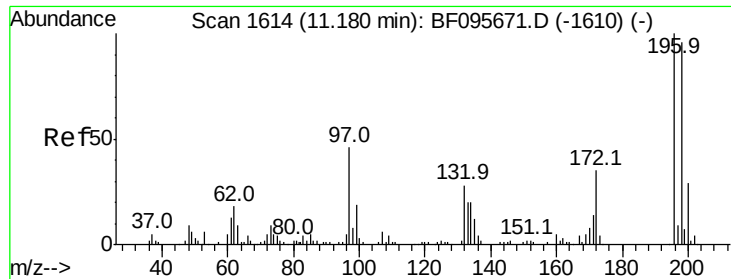
6/15/2017 3:55:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.04 ng
 RT: 11.05 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.2	111.4
200	31.3	24.0	36.0





#43
2,4,5-Trichlorophenol
Concen: 35.79 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

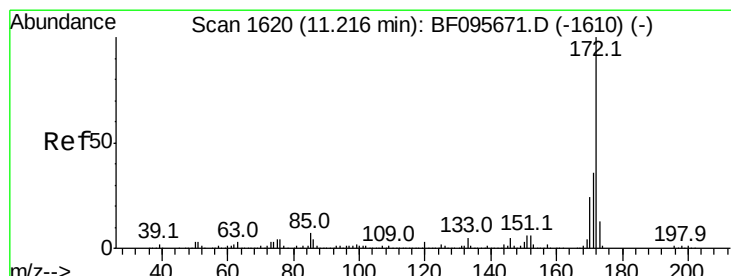
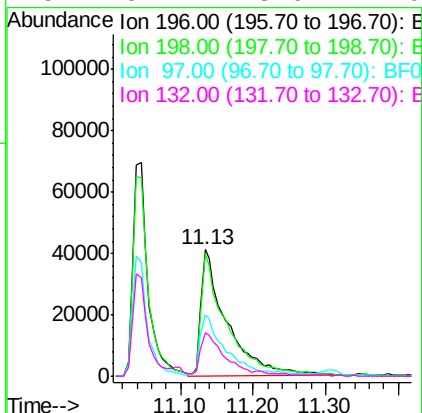
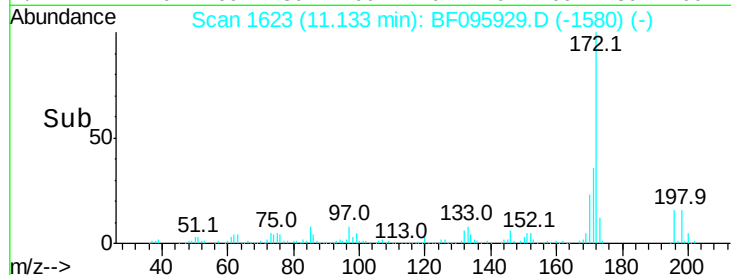
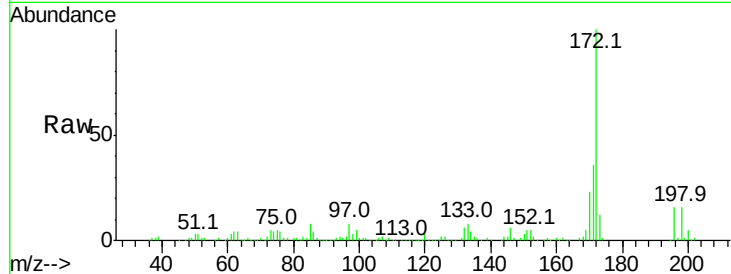
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	196	Resp	100699
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.7	113.5
97	48.6	47.7	71.5
132	34.2	28.0	42.0

Manual Integrations
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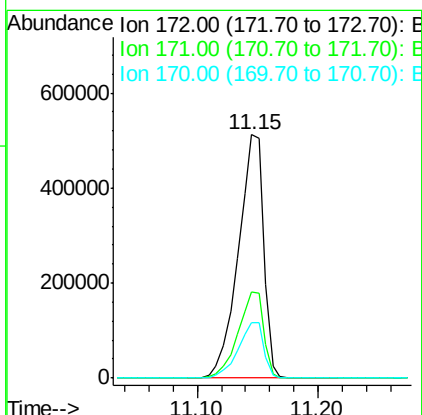
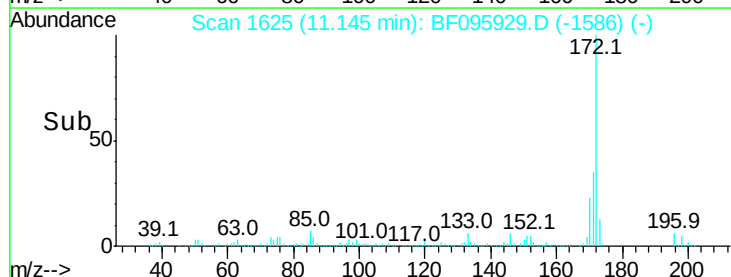
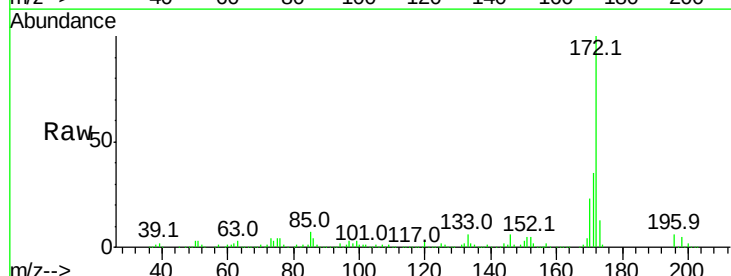
mohammad

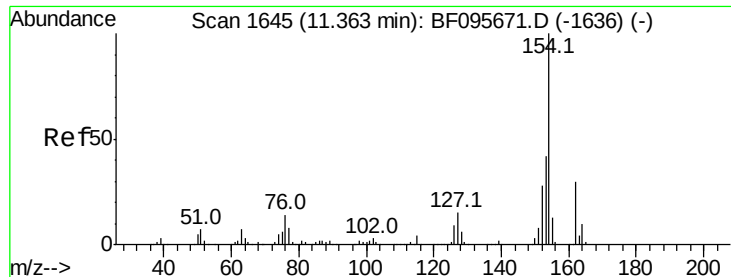
6/15/2017 3:55:16 PM



#44
2-Fluorobiphenyl
Concen: 76.12 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	172	Resp	752030
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.6	44.4
170	22.7	19.8	29.8





#45
 1,1'-Biphenyl
 Concen: 38.41 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

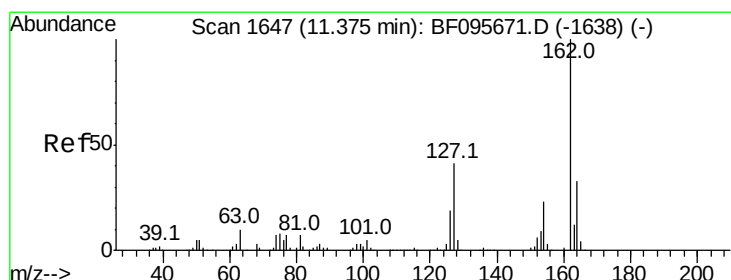
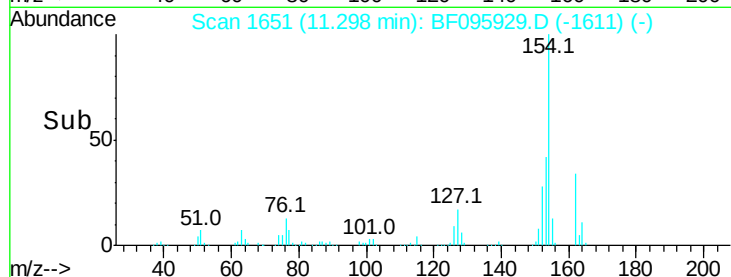
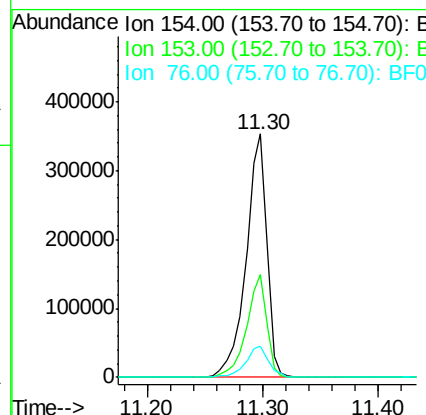
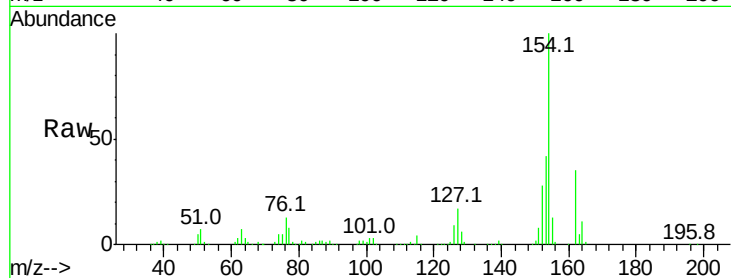
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	154	Resp:	435253
Ion Ratio	Lower	Upper	
154	100		
153	42.0	21.2	61.2
76	13.0	0.0	29.9

Manual Integrations
 APPROVED

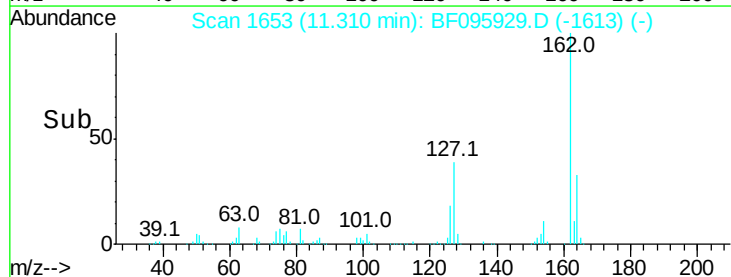
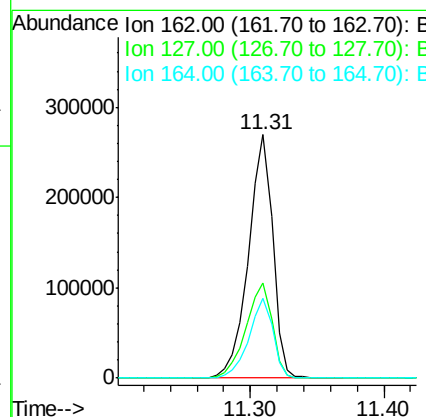
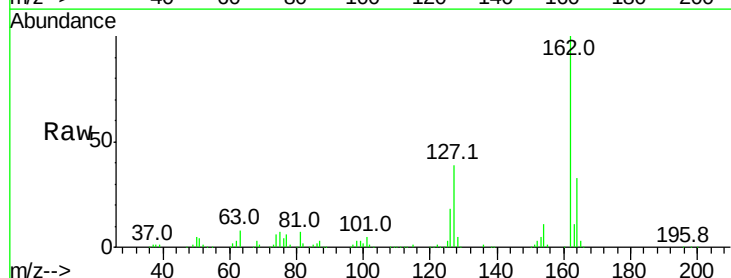
mohammad

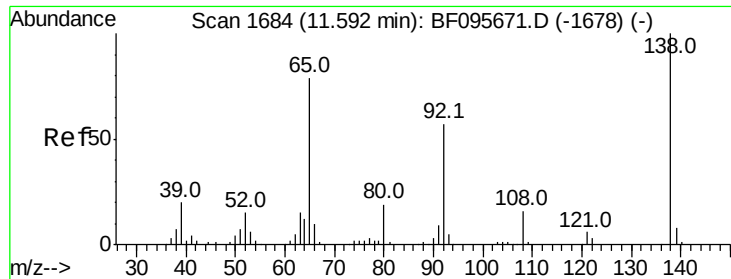
6/15/2017 3:55:16 PM



#46
 2-Chloronaphthalene
 Concen: 38.02 ng
 RT: 11.31 min Scan# 1653
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	162	Resp:	336619
Ion Ratio	Lower	Upper	
162	100		
127	39.0	28.3	42.5
164	32.8	27.0	40.4





#47
 2-Nitroaniline
 Concen: 38.25 ng
 RT: 11.53 min Scan# 1691
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

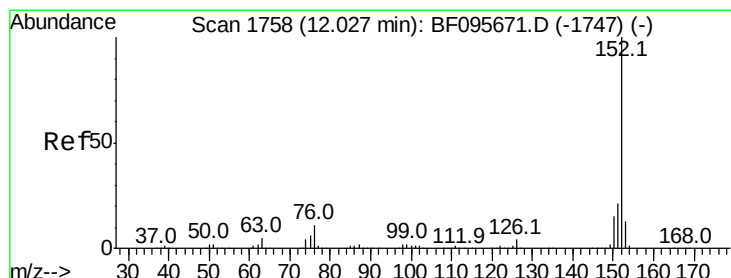
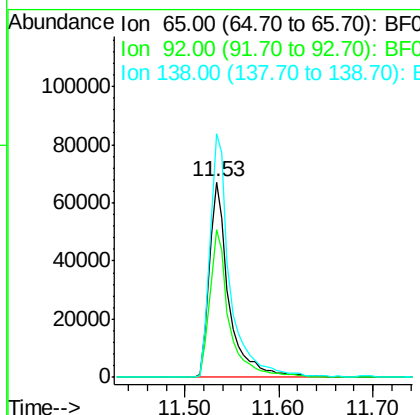
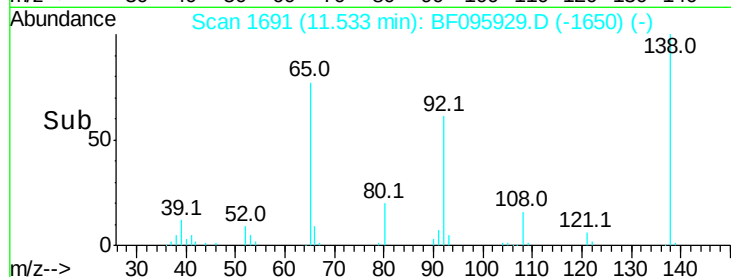
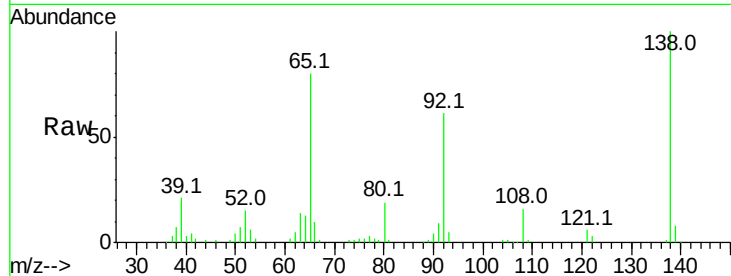
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.9	80.9
138	124.5	78.8	118.2

Manual Integrations
 APPROVED

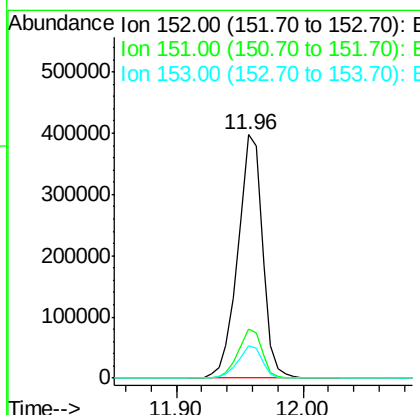
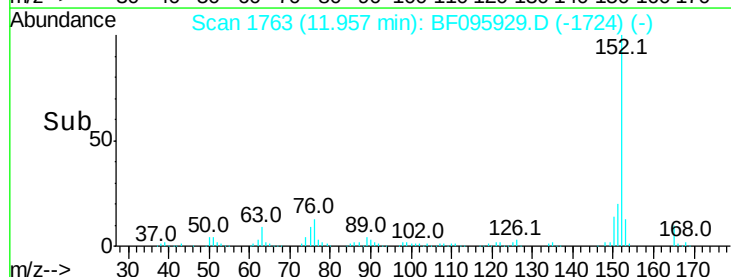
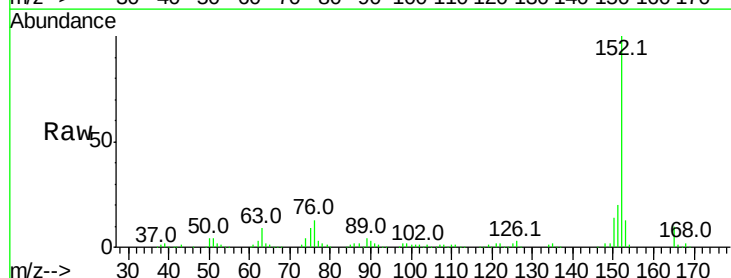
mohammad

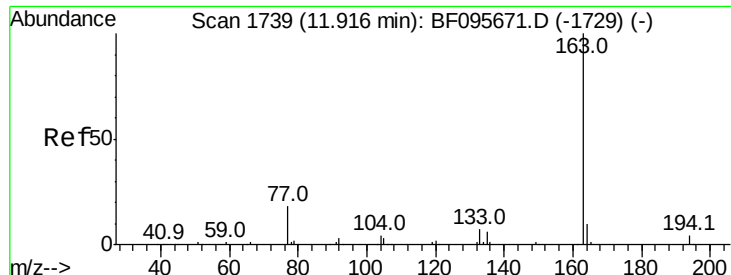
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#48
 Acenaphthylene
 Concen: 35.26 ng
 RT: 11.96 min Scan# 1763
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.2	10.8	16.2





#49
Dimethylphthalate
Concen: 39.50 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

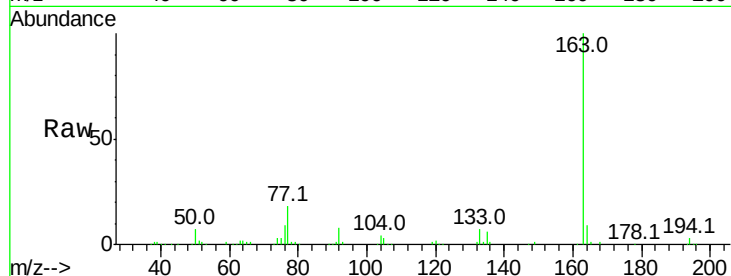
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.3	8.4	12.6	

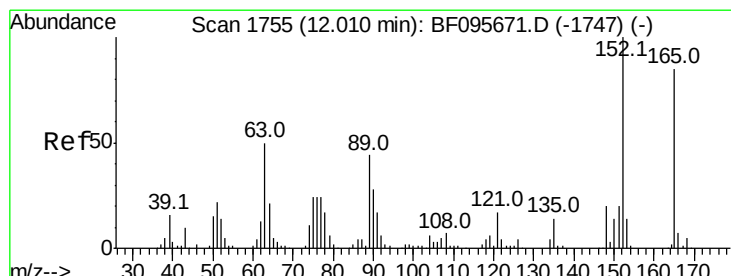
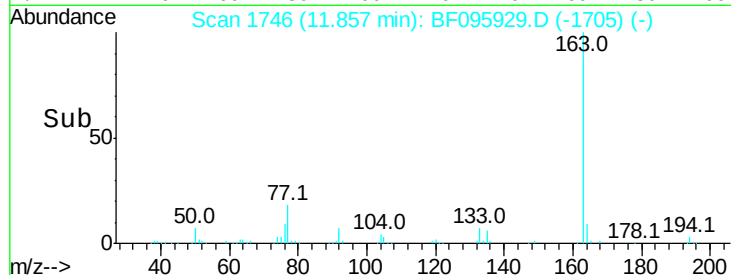
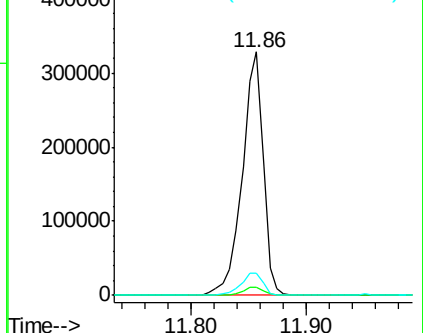
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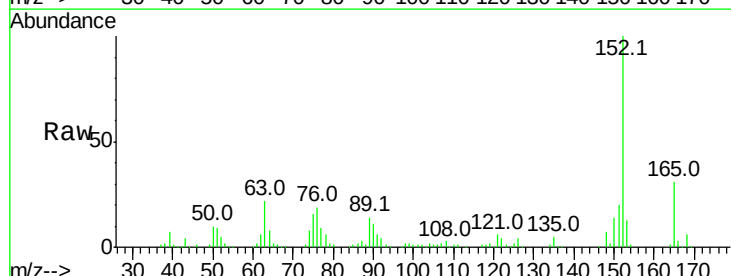


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

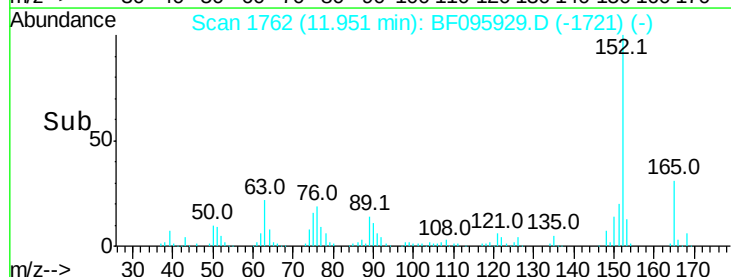
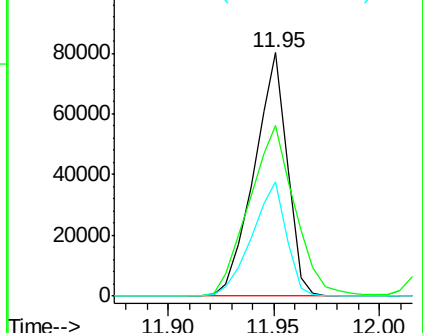


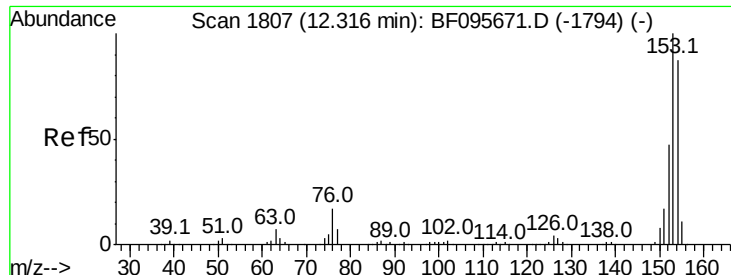
#50
2,6-Dinitrotoluene
Concen: 38.26 ng
RT: 11.95 min Scan# 1762
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.2	34.3	51.5#	
89	46.9	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51
Acenaphthene
Concen: 36.45 ng
RT: 12.24 min Scan# 1812
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

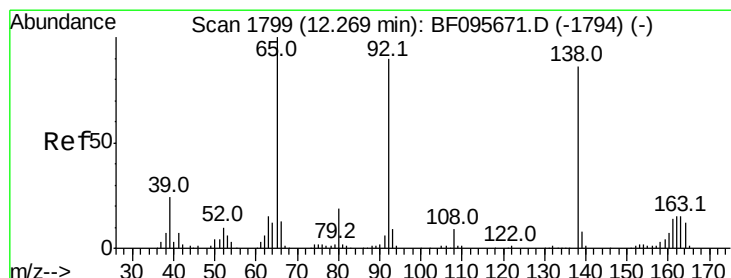
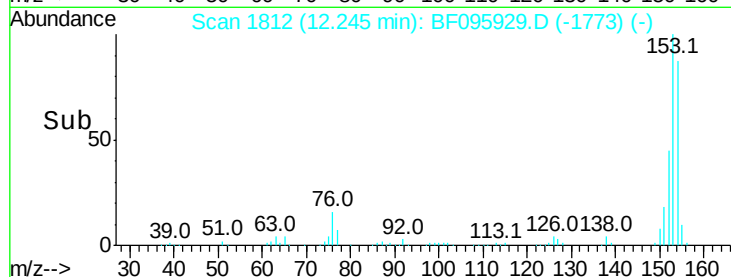
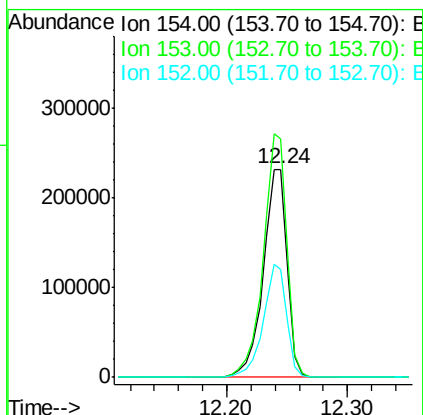
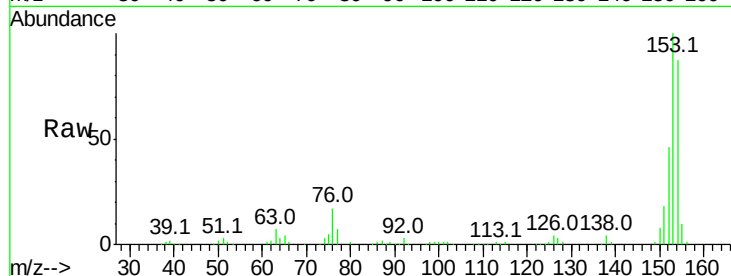
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	52.2	43.6	65.4

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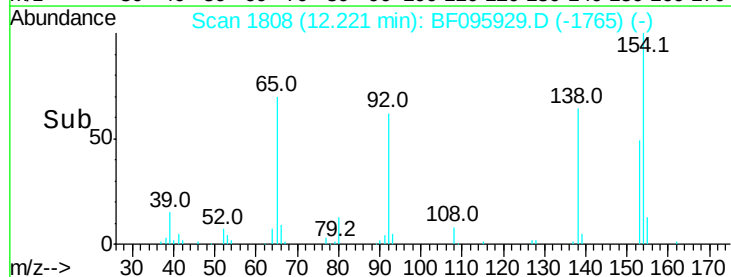
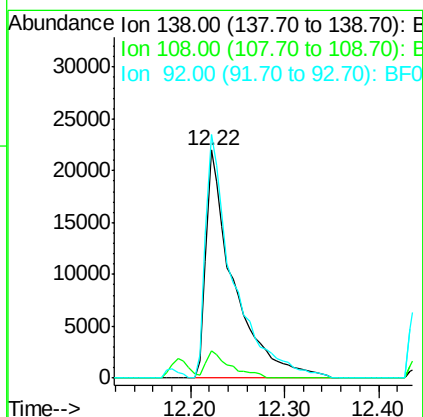
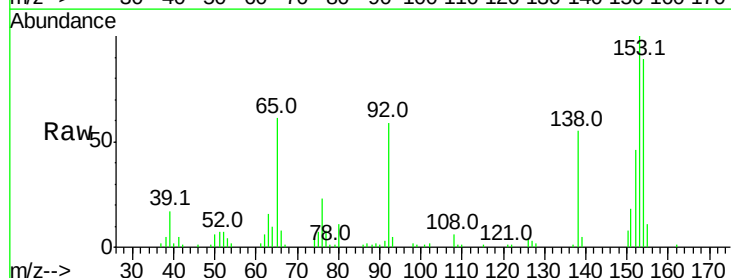
mohammad

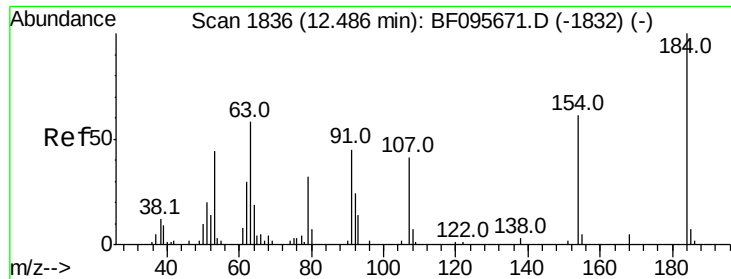
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#52
3-Nitroaniline
Concen: 17.04 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.1	13.7
92	106.9	93.8	140.6





#53
2,4-Dinitrophenol
Concen: 72.50 ng
RT: 12.45 min Scan# 1846
Delta R.T. -0.04 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

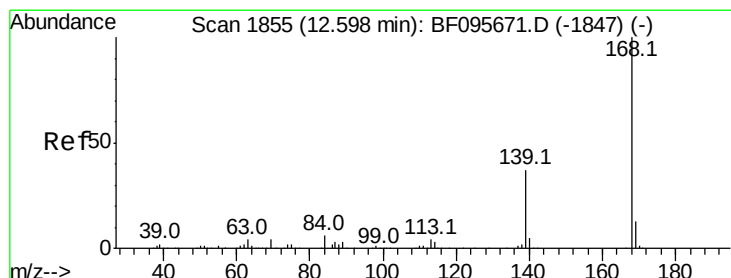
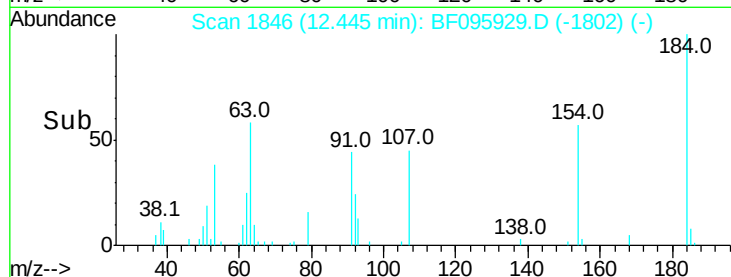
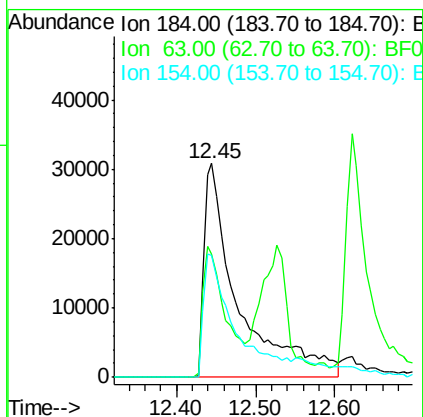
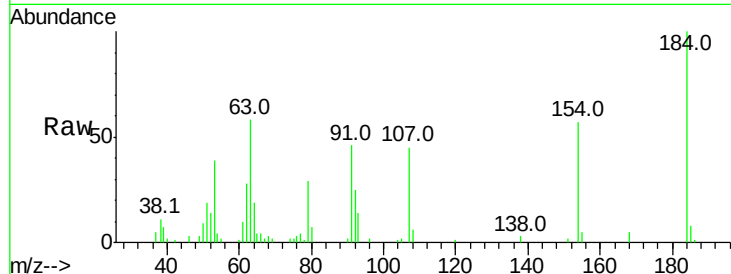
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:184 Resp: 92616
Ion Ratio Lower Upper
184 100
63 57.9 62.7 94.1#
154 57.2 81.1 121.7#

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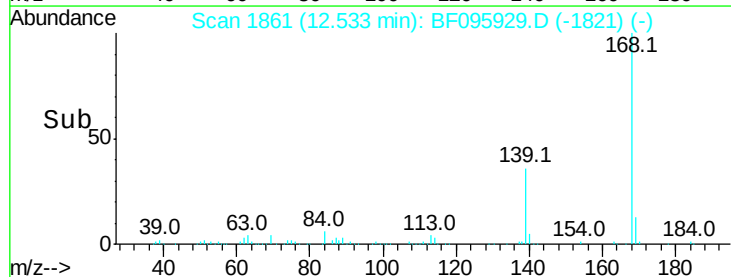
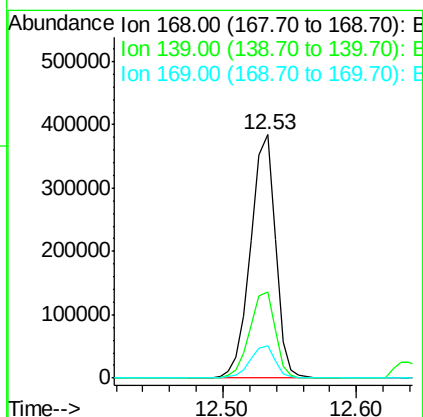
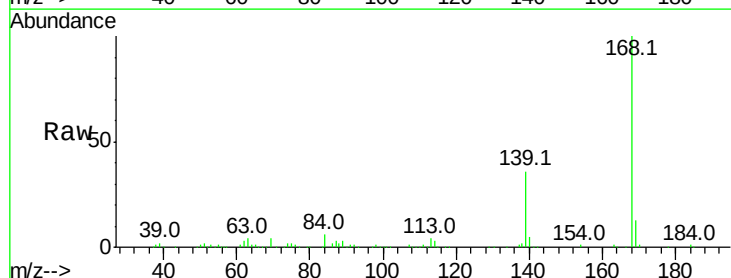
mohammad

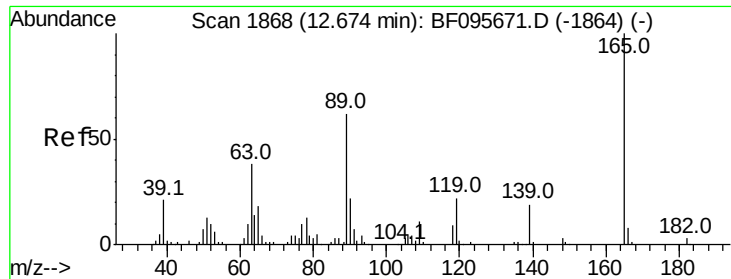
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#54
Dibenzofuran
Concen: 40.10 ng
RT: 12.53 min Scan# 1861
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:168 Resp: 493509
Ion Ratio Lower Upper
168 100
139 35.7 30.6 45.8
169 13.3 10.8 16.2





#55
4-Nitrophenol
Concen: 61.50 ng
RT: 12.63 min Scan# 1878
Delta R.T. -0.04 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

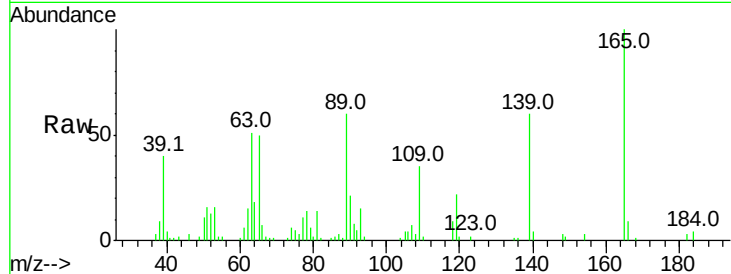
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.1	34.1	74.1	
65	84.4	31.4	71.4	

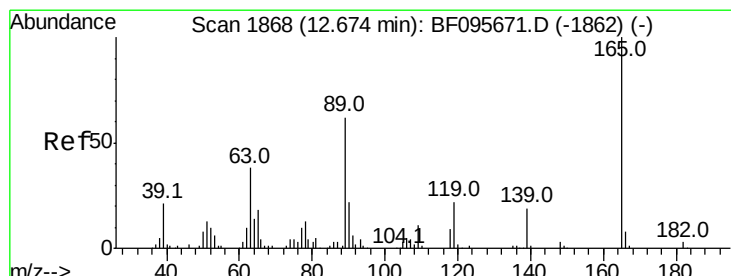
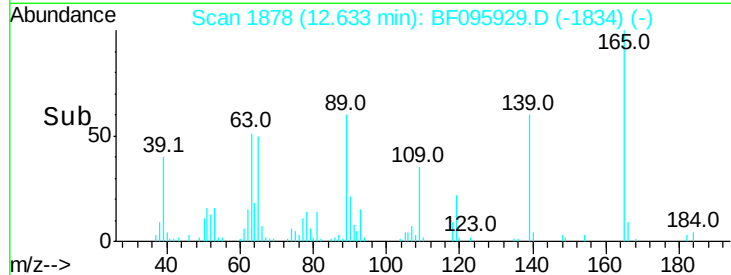
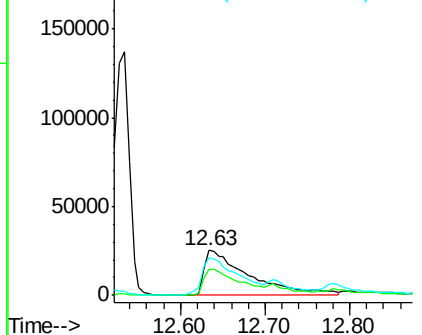
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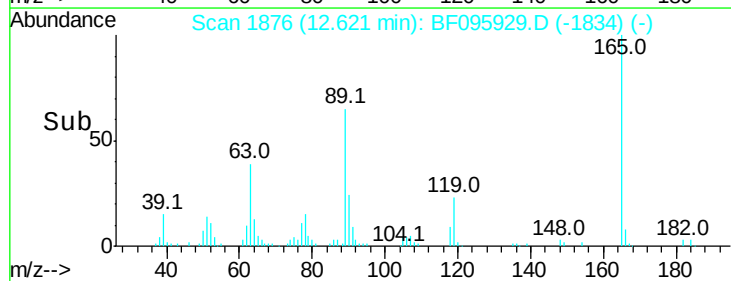
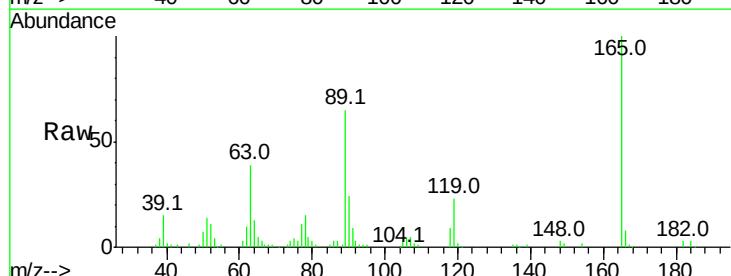
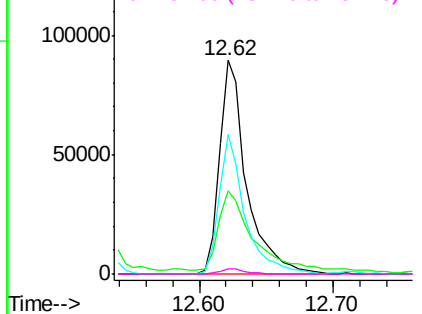
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

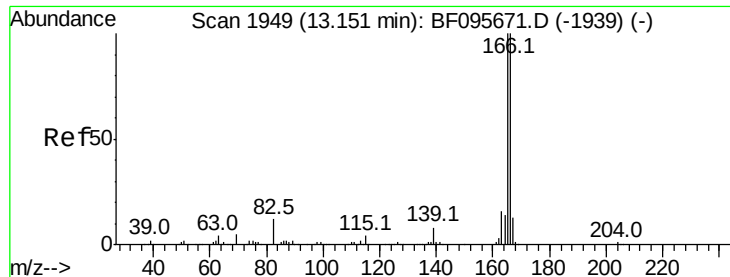


#56
2,4-Dinitrotoluene
Concen: 41.46 ng
RT: 12.62 min Scan# 1876
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.2	25.4	38.0	
89	65.3	46.4	69.6	
182	2.6	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.48 ng

RT: 13.08 min Scan# 1954

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

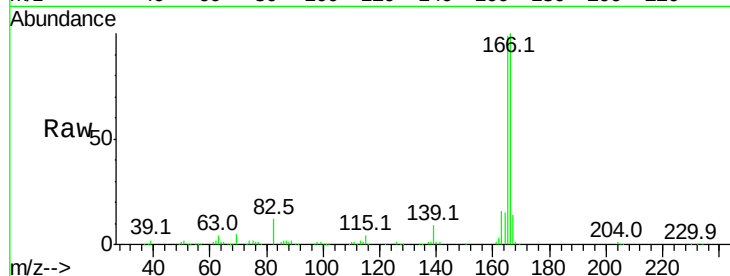
PB99714BSD

Tot Ion:	166	Resp:	401411
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.8	118.2
167	13.7	10.6	16.0

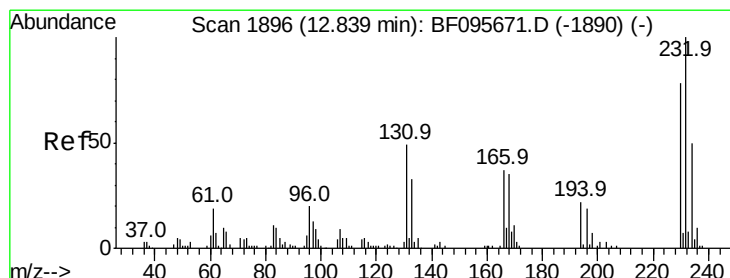
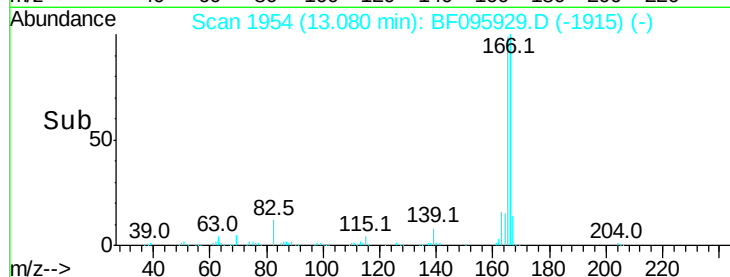
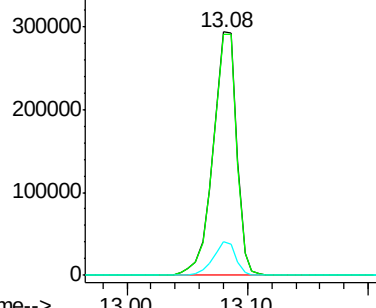
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
400000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.48 ng

RT: 12.79 min Scan# 1904

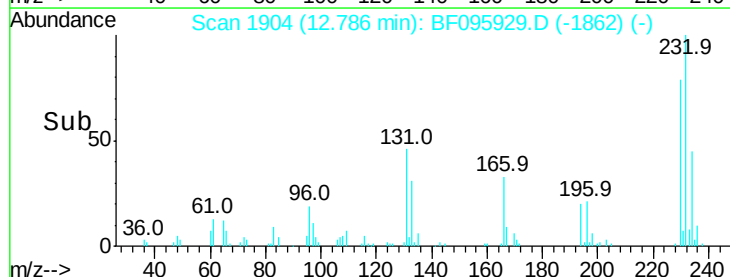
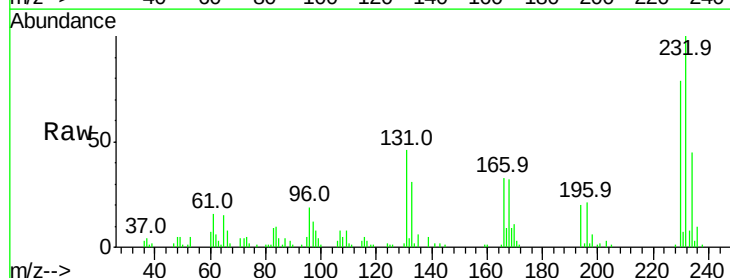
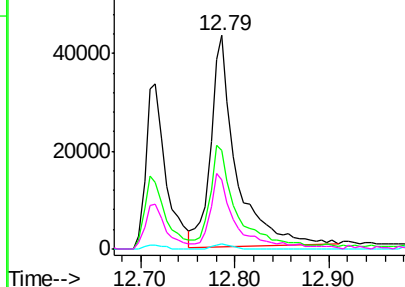
Delta R.T. -0.05 min

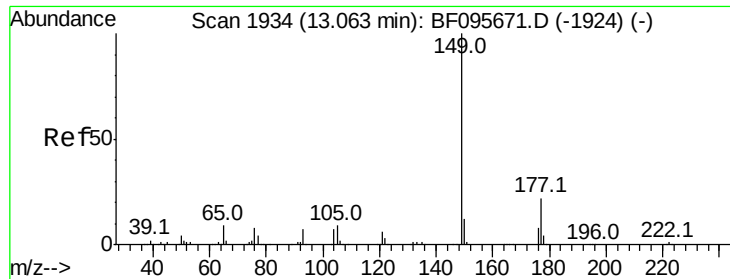
Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	232	Resp:	81791
Ion Ratio	Lower	Upper	
232	100		
131	50.0	44.8	67.2
130	1.7	2.3	3.5#
166	32.0	29.0	43.4

Abundance Ion 232.00 (231.70 to 232.70): E
60000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.06 ng

RT: 13.00 min Scan# 1940

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

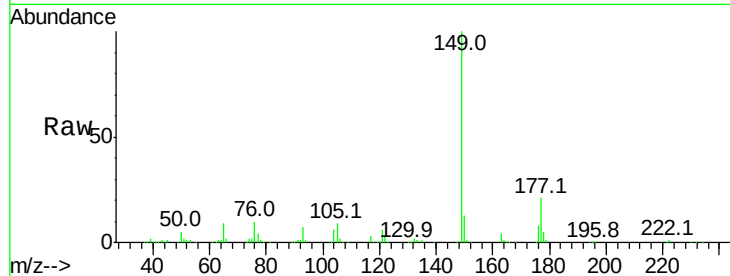
PB99714BSD

Tot Ion:	149	Resp:	402453
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.7	25.1
150	12.6	10.2	15.2

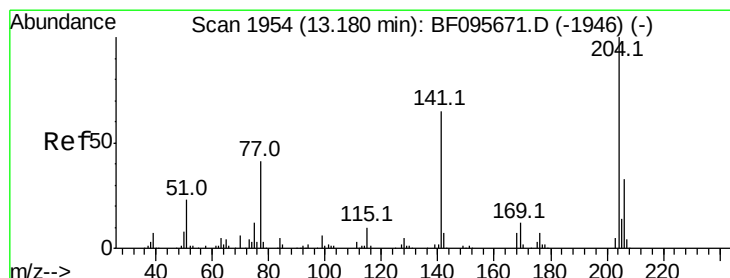
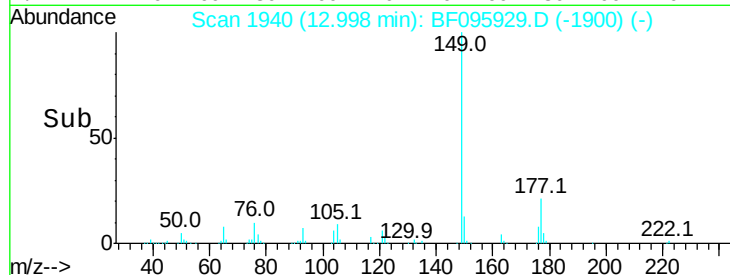
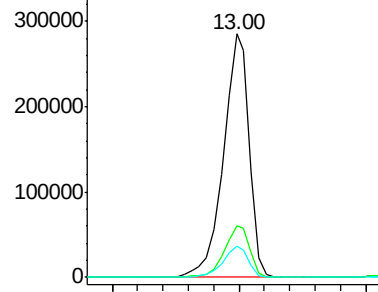
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.34 ng

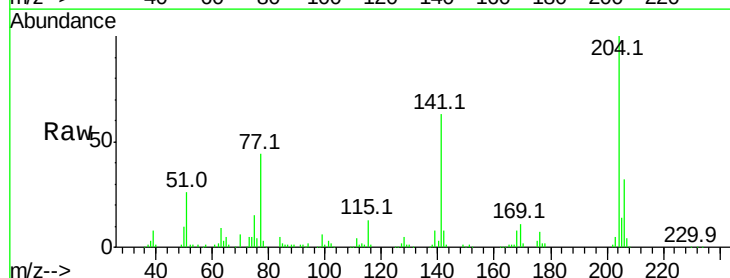
RT: 13.11 min Scan# 1959

Delta R.T. -0.07 min

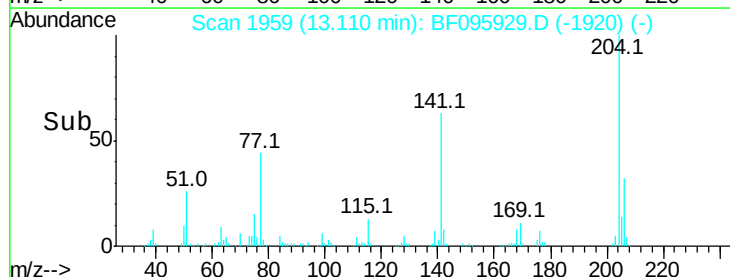
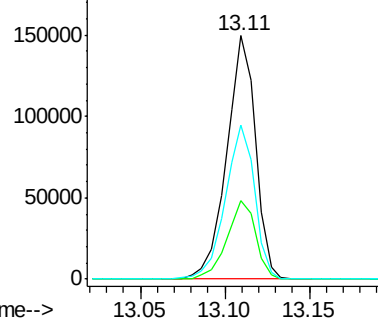
Lab File: BF095929.D

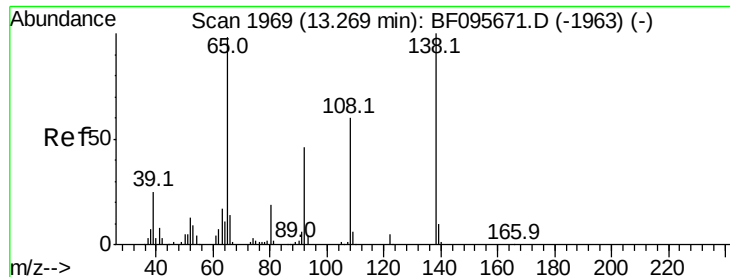
Acq: 14 Jun 2017 18:42

Tgt Ion:	204	Resp:	178571
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.2	39.2
141	63.0	60.8	91.2



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





#61
4-Nitroaniline
Concen: 36.61 ng
RT: 13.22 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

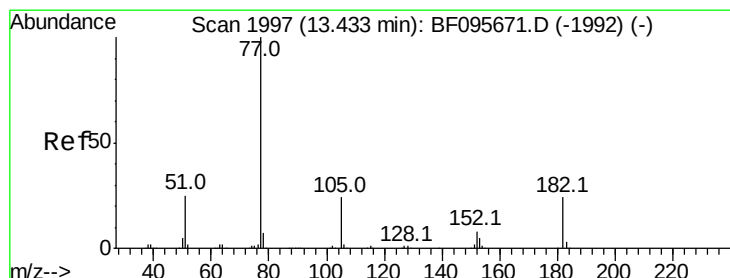
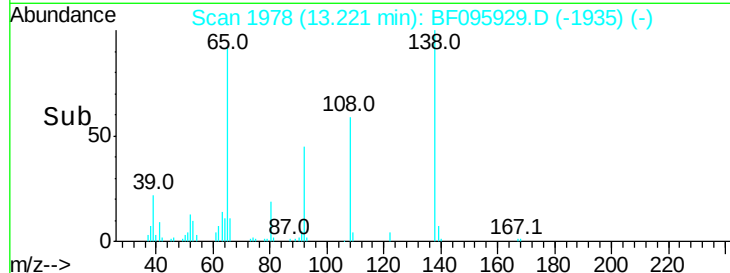
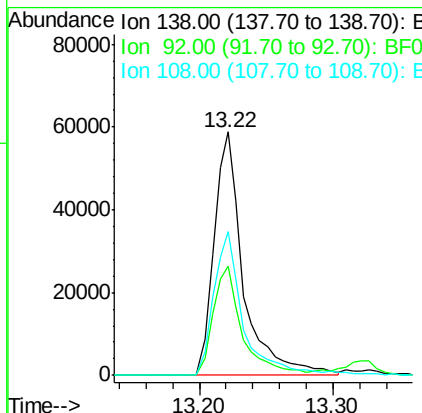
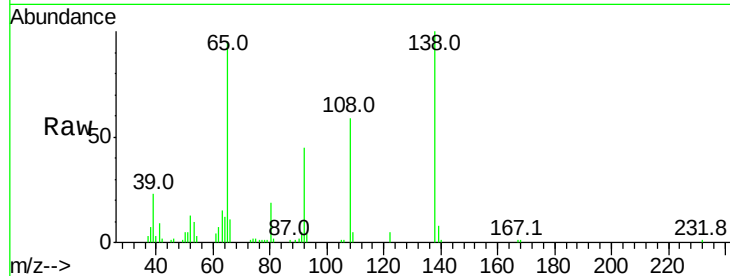
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion:	138	Resp:	90677
Ion Ratio	Lower	Upper	
138	100		
92	45.1	21.8	61.8
108	59.0	42.3	82.3

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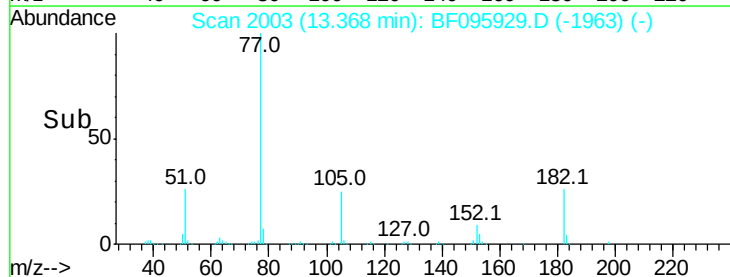
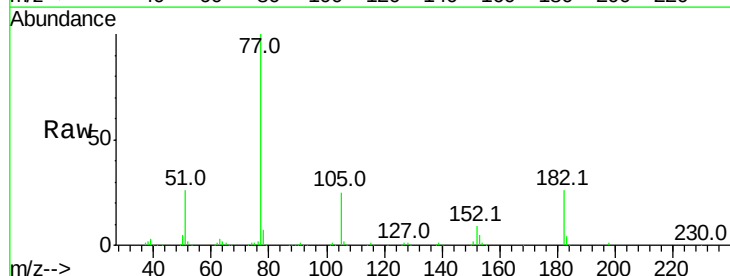
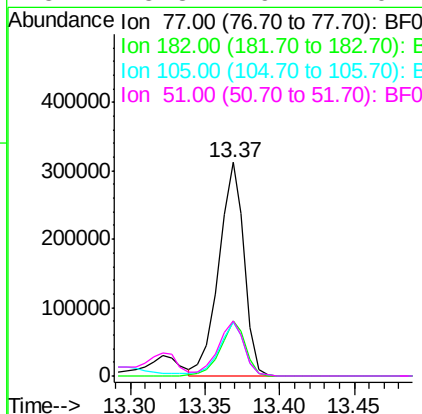
mohammad

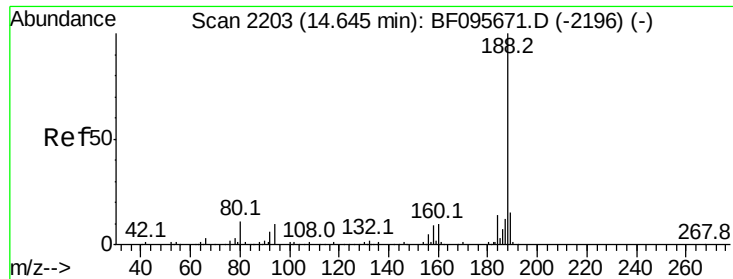
6/15/2017 3:55:16 PM



#62
Azobenzene
Concen: 40.88 ng
RT: 13.37 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	77	Resp:	372234
Ion Ratio	Lower	Upper	
77	100		
182	25.6	0.1	40.1
105	25.3	3.6	43.6
51	25.8	9.4	49.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

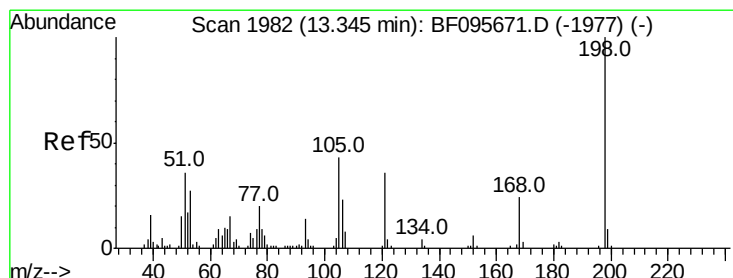
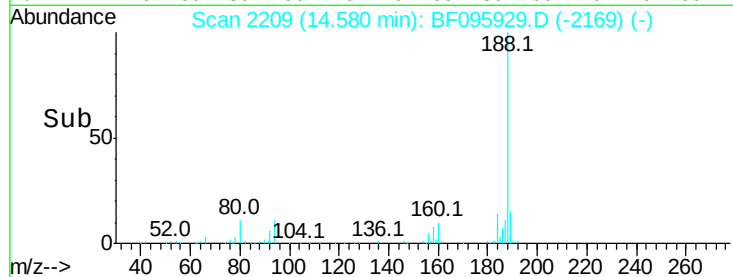
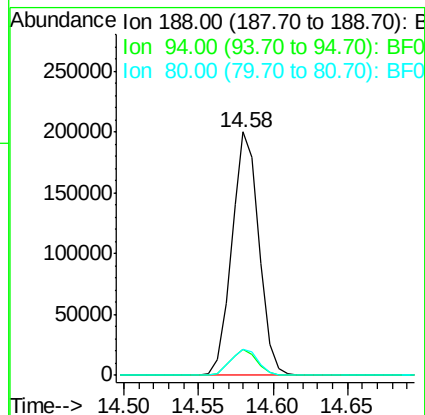
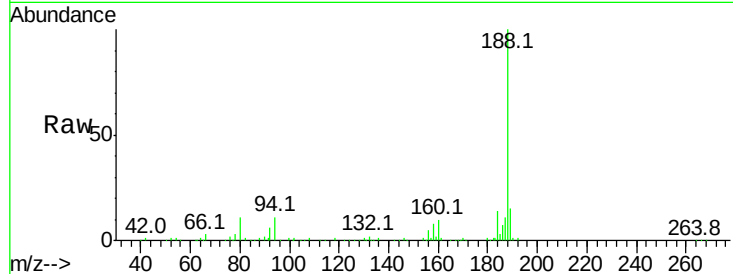
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	253642		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

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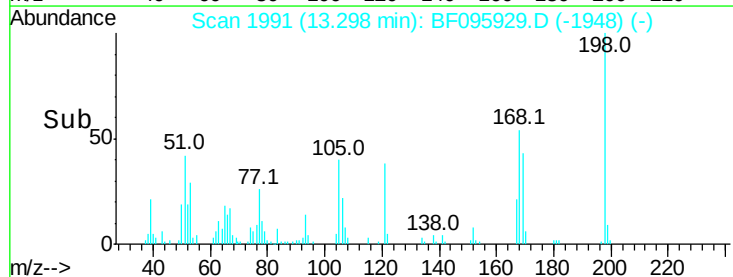
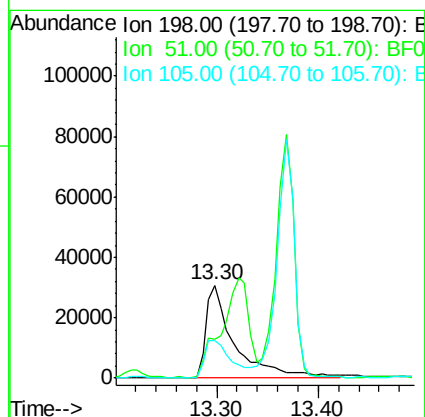
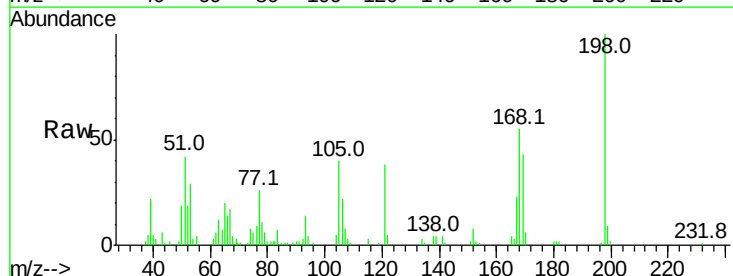
mohammad

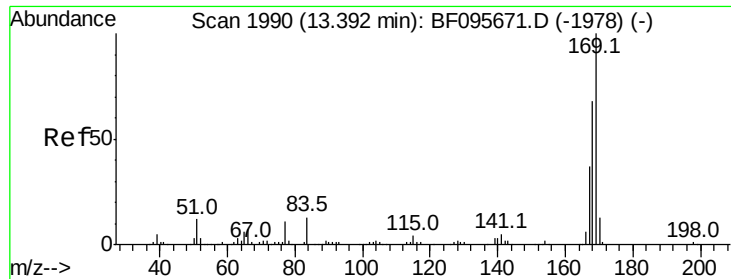
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.04 ng
RT: 13.30 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60084		
51	42.1		53.2	93.2#
105	40.2		45.8	85.8#





#65
n-Nitrosodiphenylamine
Concen: 37.86 ng
RT: 13.33 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

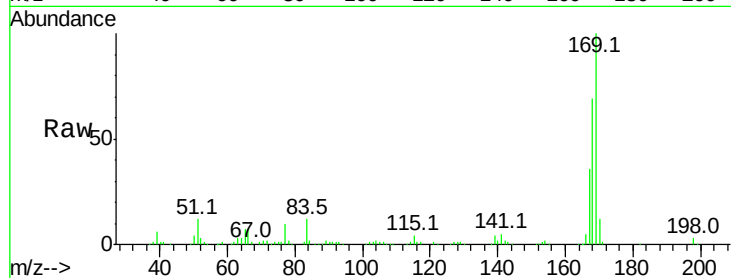
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	345018		
168	68.9	53.2	79.8	
167	35.8	29.5	44.3	

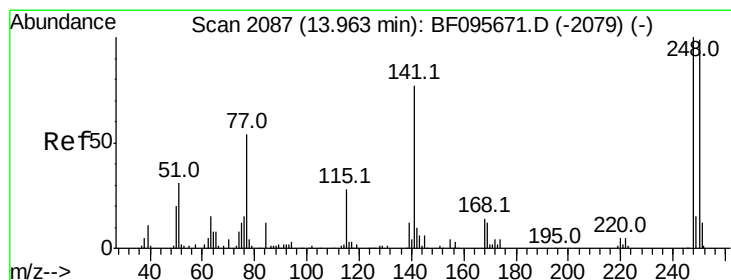
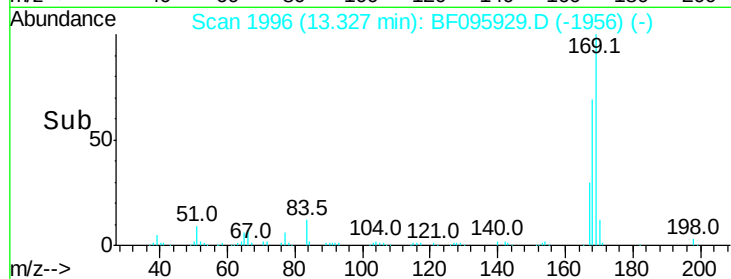
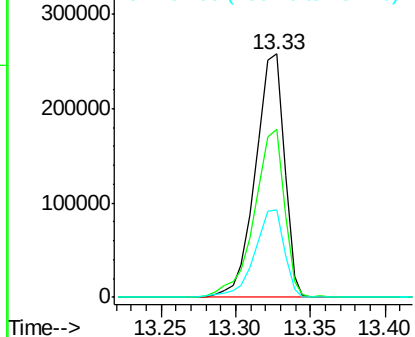
Manual Integrations
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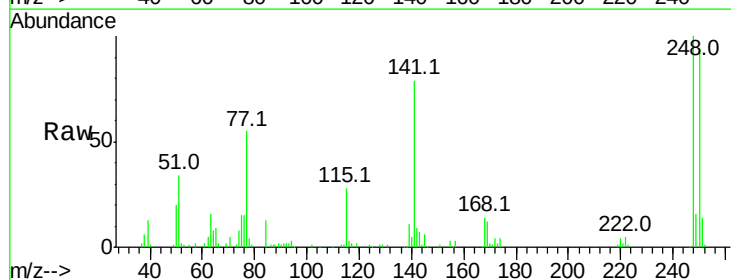


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

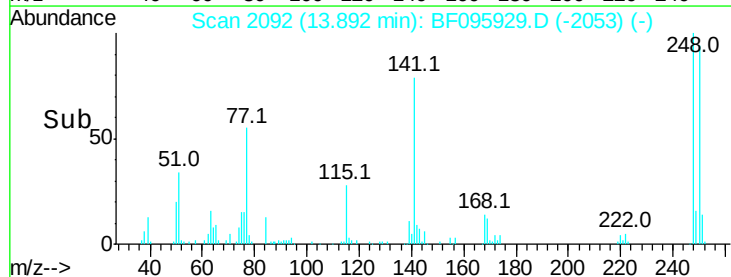
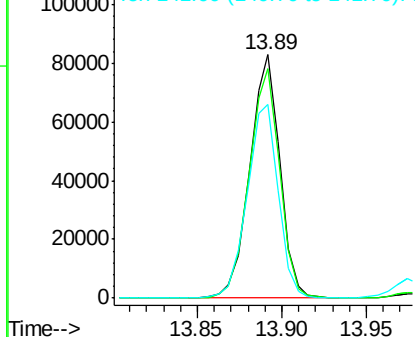


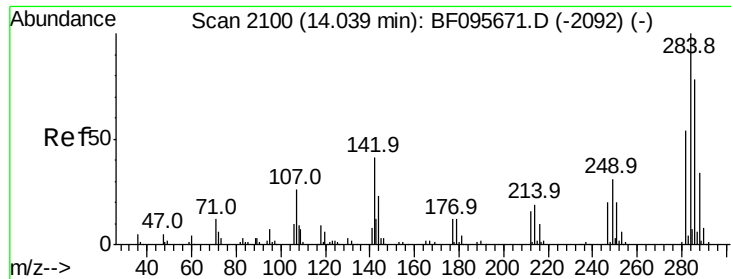
#66
4-Bromophenyl-phenylether
Concen: 39.00 ng
RT: 13.89 min Scan# 2092
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	102815		
250	94.3	76.8	115.2	
141	79.5	68.6	103.0	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.31 ng

RT: 13.97 min Scan# 2106

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB99714BSD

Tot Ion:284 Resp: 102098

Ion Ratio Lower Upper

284 100

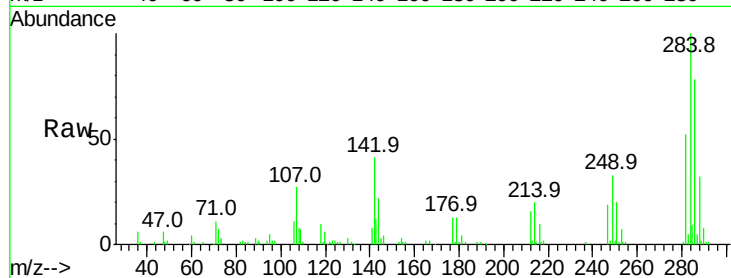
142 41.5 22.8 34.2#

249 32.5 24.0 36.0

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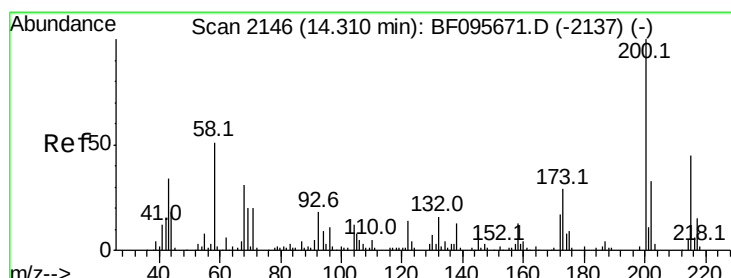
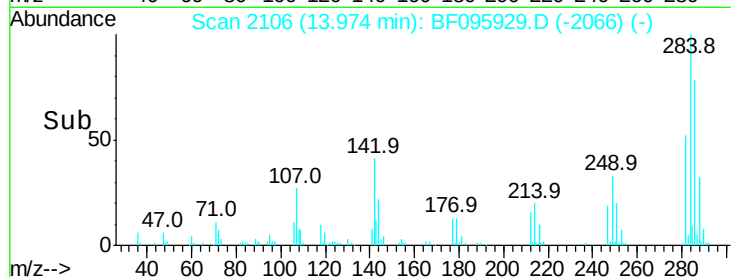
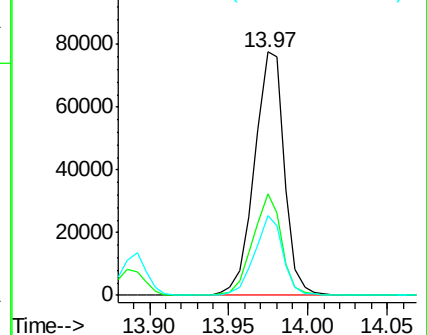
6/15/2017 3:55:16 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.91 ng

RT: 14.25 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

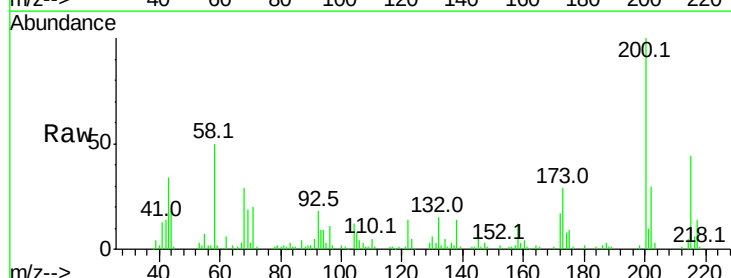
Tgt Ion:200 Resp: 106314

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

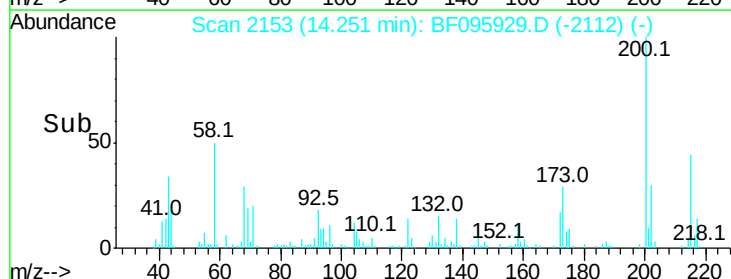
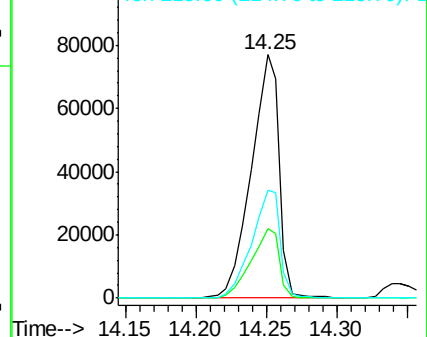
215 44.3 27.2 67.2

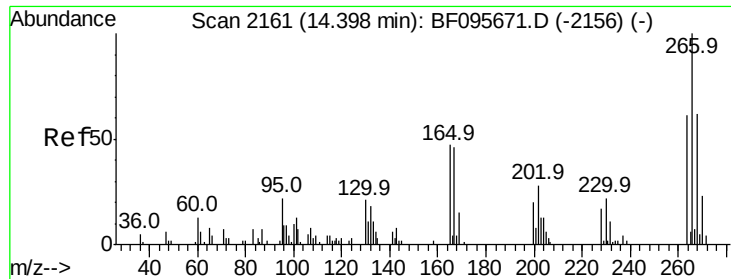


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 57.75 ng
 RT: 14.34 min Scan# 2169
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

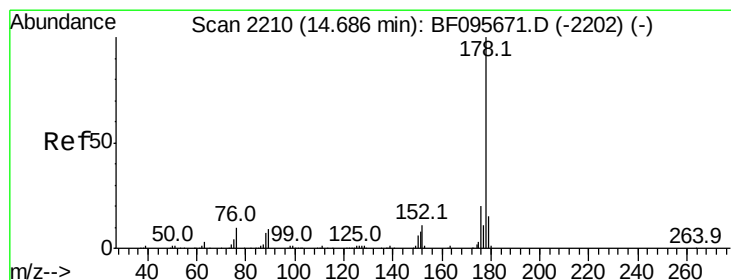
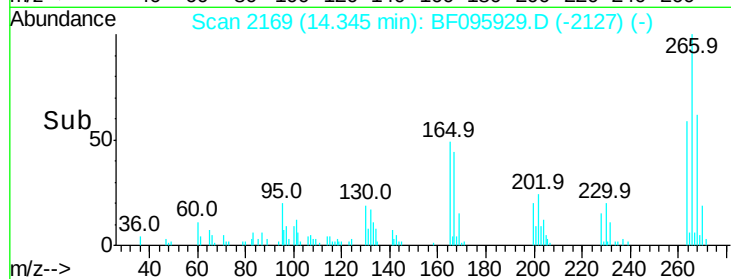
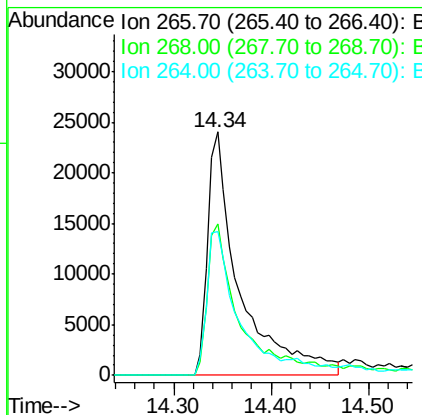
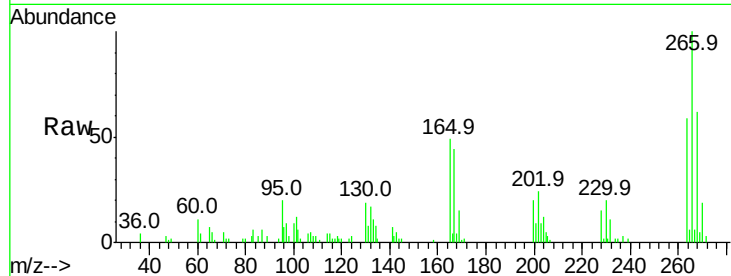
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	266	Resp:	54912
Ion Ratio	Lower	Upper	
266	100		
268	62.4	51.1	76.7
264	59.3	51.7	77.5

Manual Integrations
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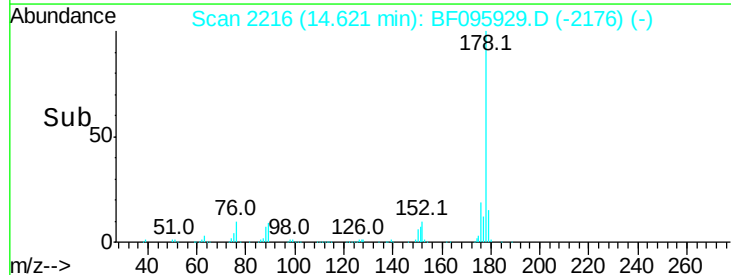
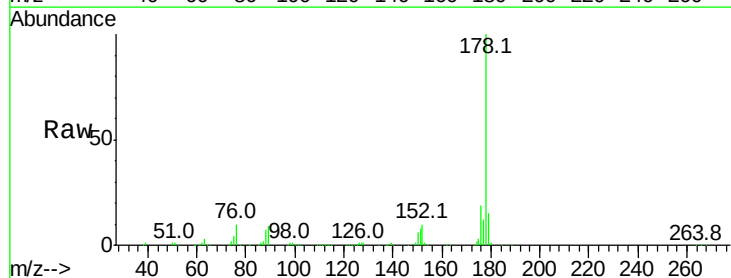
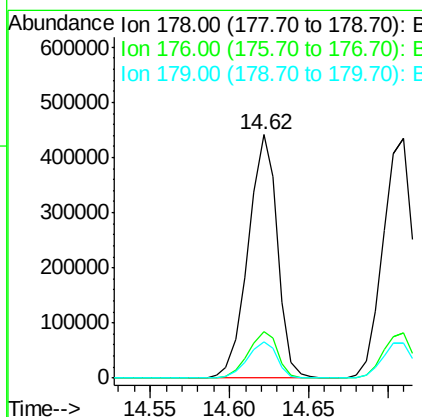
mohammad

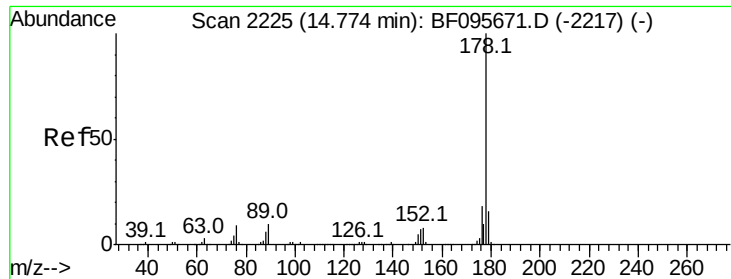
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#70
 Phenanthrene
 Concen: 38.57 ng
 RT: 14.62 min Scan# 2216
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	178	Resp:	564449
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	14.8	12.6	19.0





#71
 Anthracene
 Concen: 38.59 ng
 RT: 14.71 min Scan# 2231
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

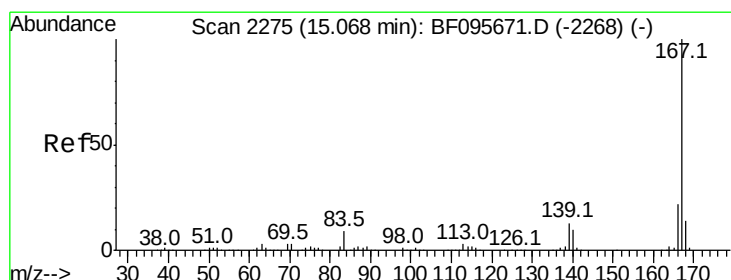
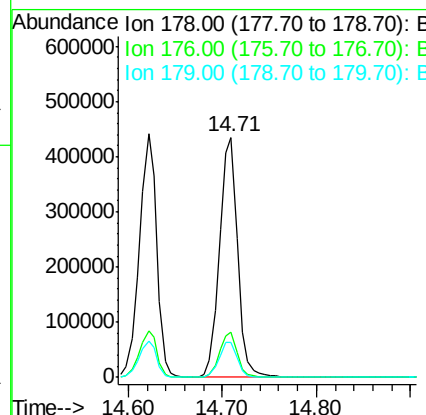
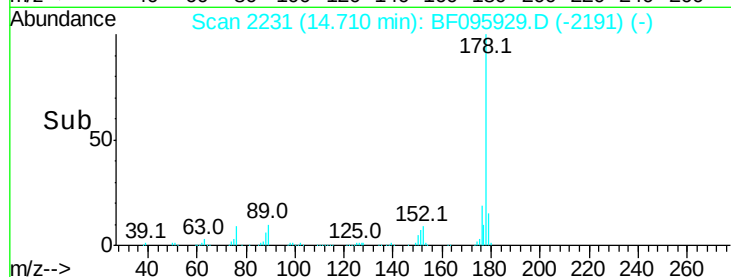
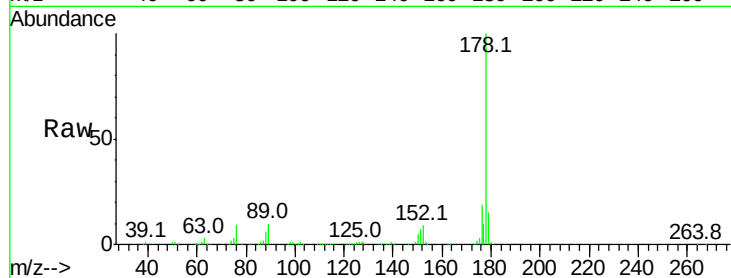
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.7	12.7	19.1

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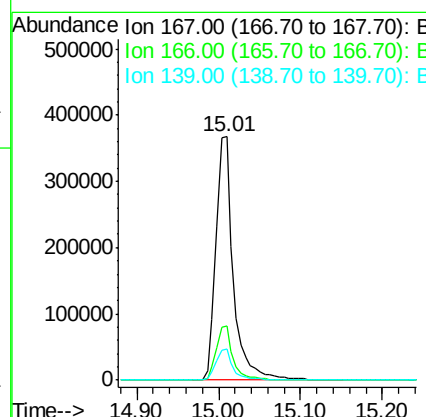
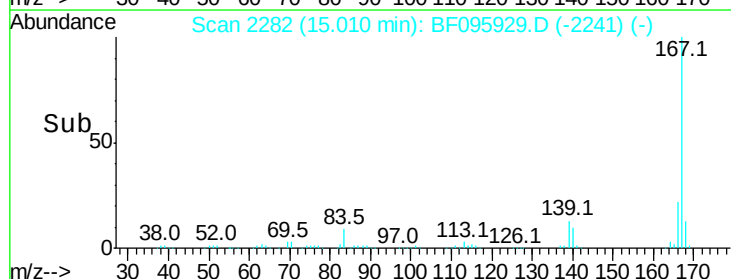
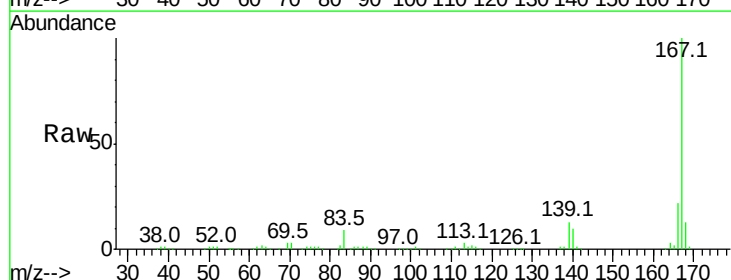
mohammad

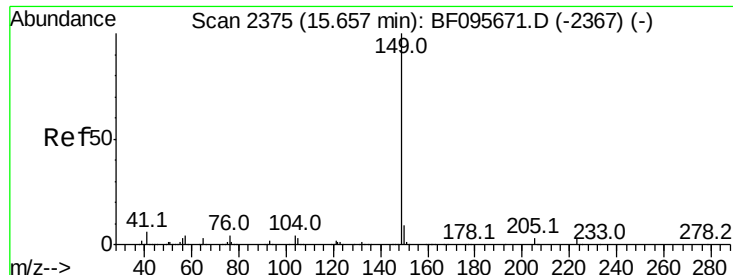
6/15/2017 3:55:16 PM



#72
 Carbazole
 Concen: 36.74 ng
 RT: 15.01 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.6	11.7	17.5





#73
 Di-n-butylphthalate
 Concen: 42.15 ng
 RT: 15.60 min Scan# 2382
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

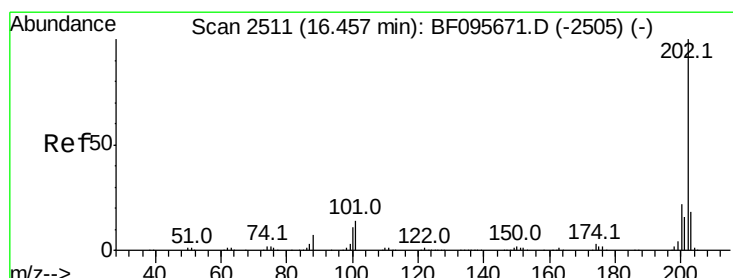
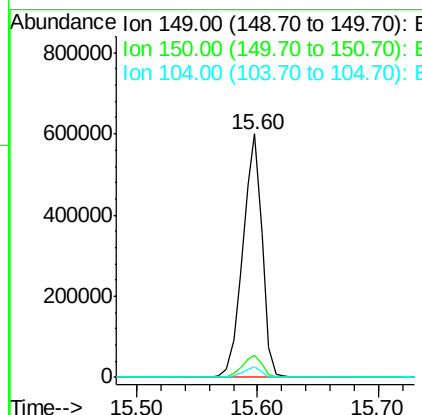
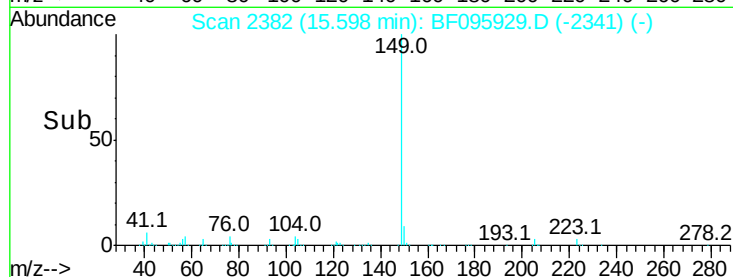
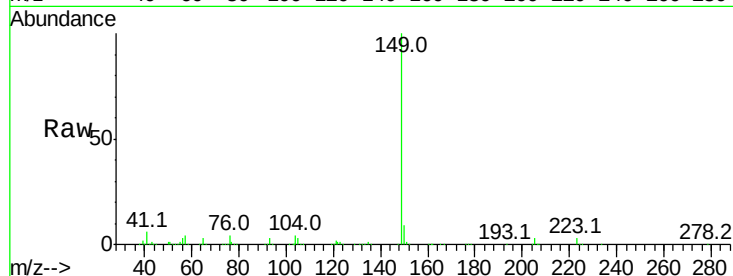
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	149	Resp:	667711
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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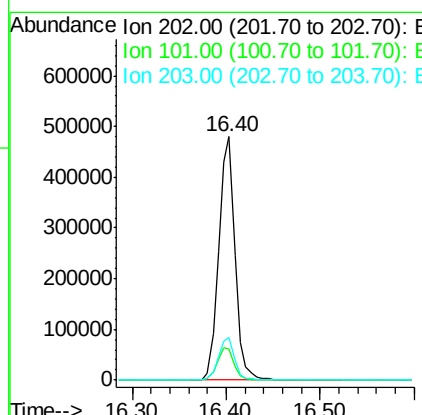
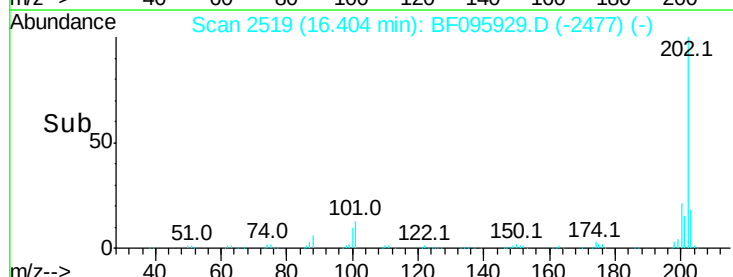
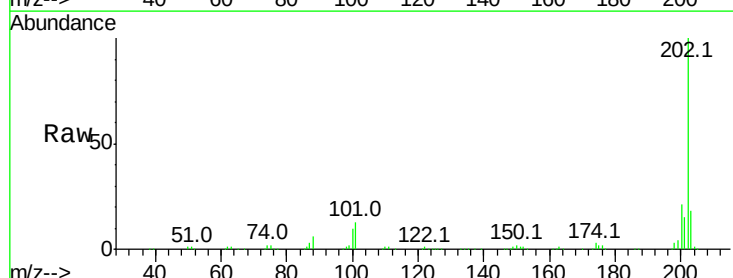
mohammad

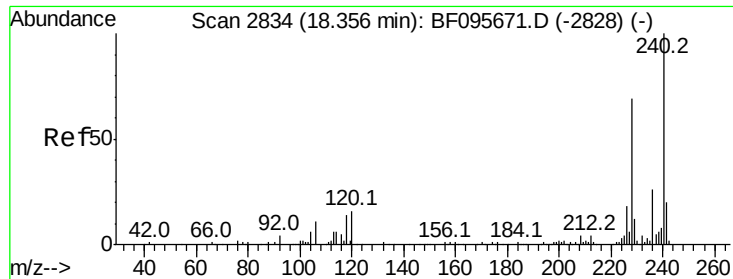
6/15/2017 3:55:16 PM



#74
 Fluoranthene
 Concen: 40.28 ng
 RT: 16.40 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	202	Resp:	583526
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	17.7	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

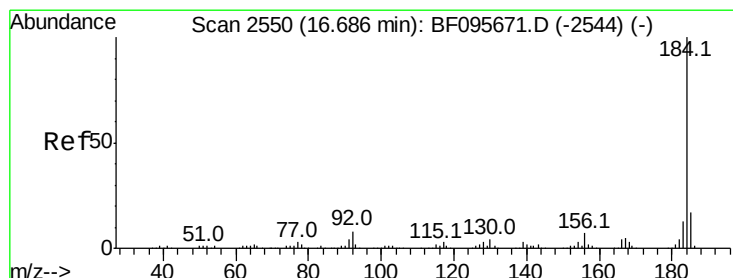
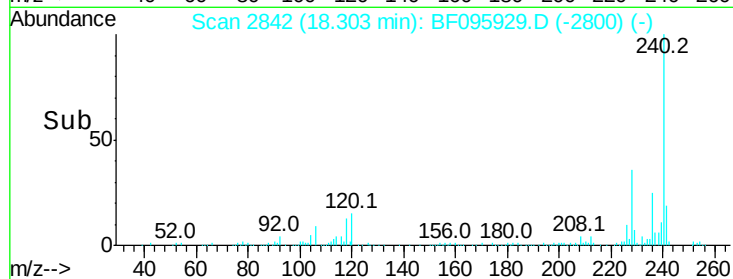
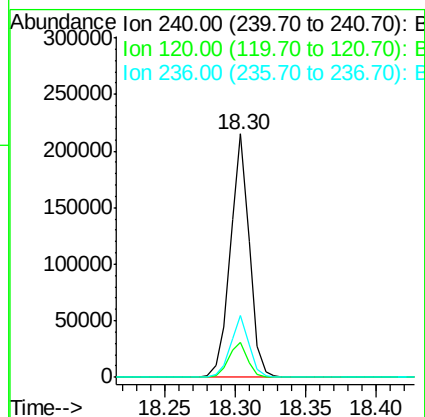
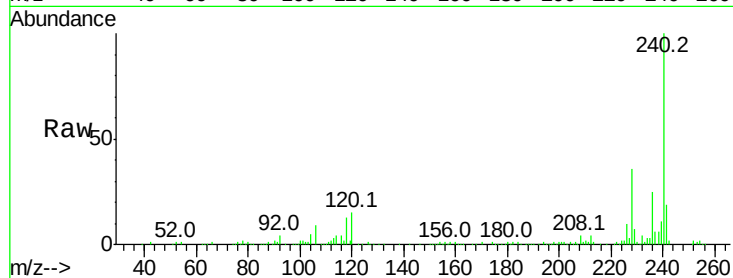
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.3	20.5	30.7

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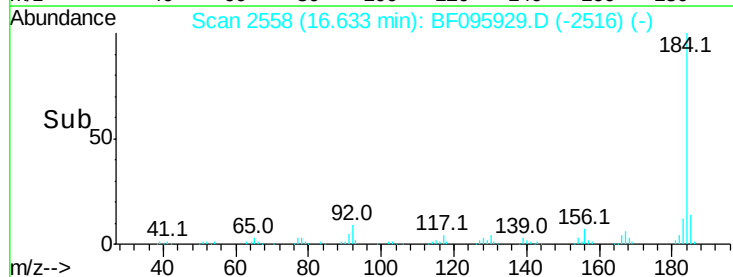
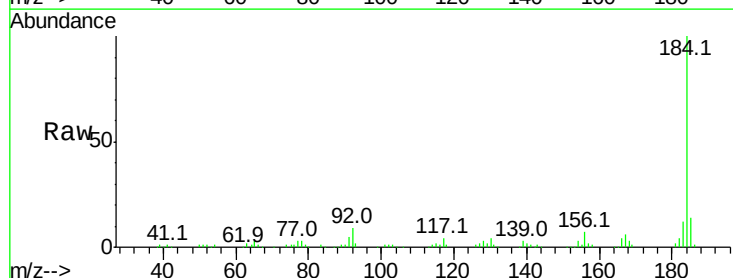
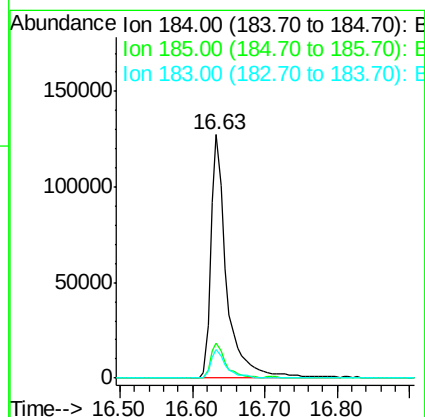
mohammad

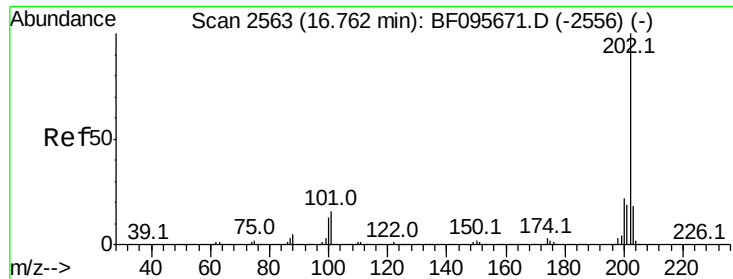
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#76
Benzidine
Concen: 24.88 ng
RT: 16.63 min Scan# 2558
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	11.8	9.8	14.6





#77

Pvrene

Concen: 40.01 ng

RT: 16.70 min Scan# 2570

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

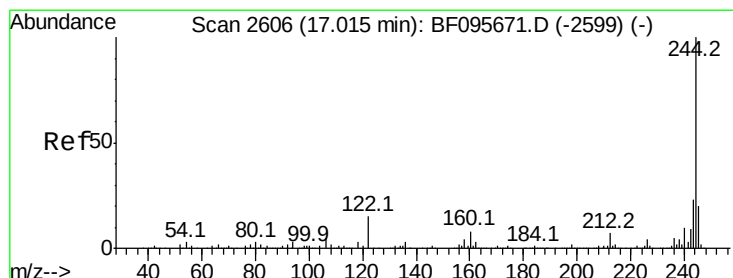
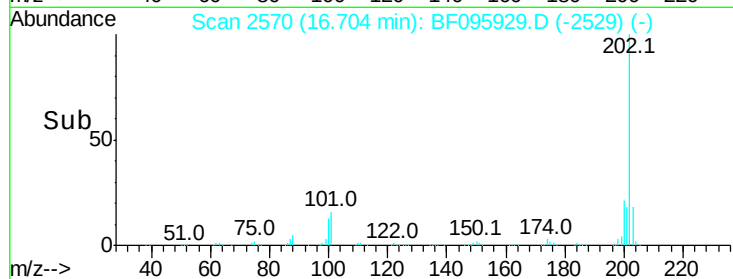
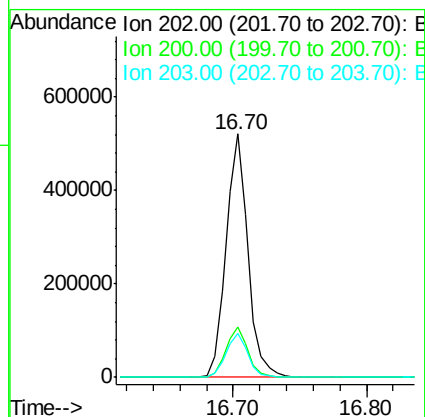
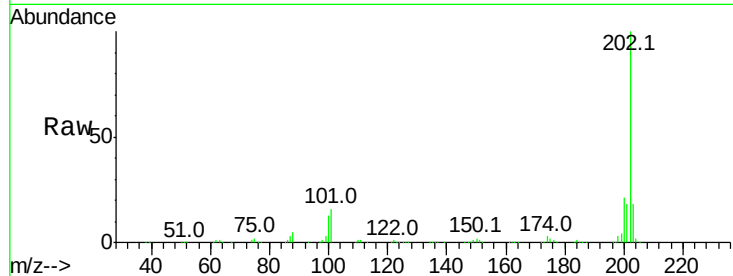
PB99714BSD

Tot Ion:	202	Resp:	600120
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 82.73 ng

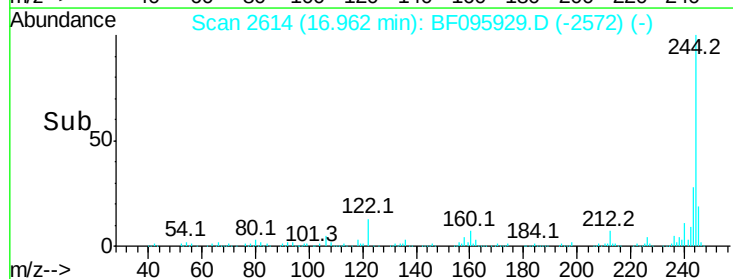
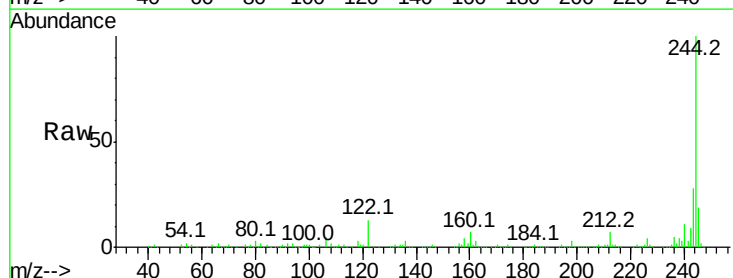
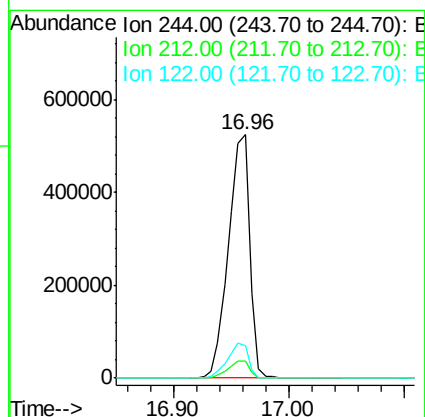
RT: 16.96 min Scan# 2614

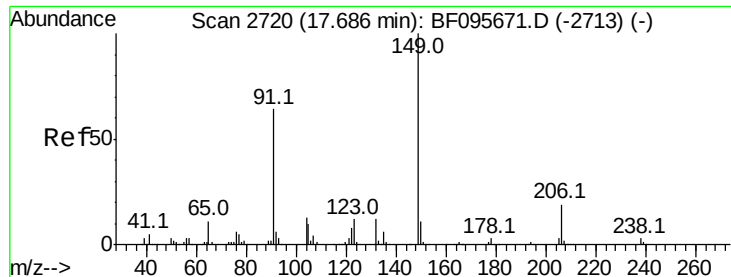
Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	244	Resp:	670118
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5





#79
Butylbenzylphthalate
Concen: 43.25 ng
RT: 17.63 min Scan# 2727
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

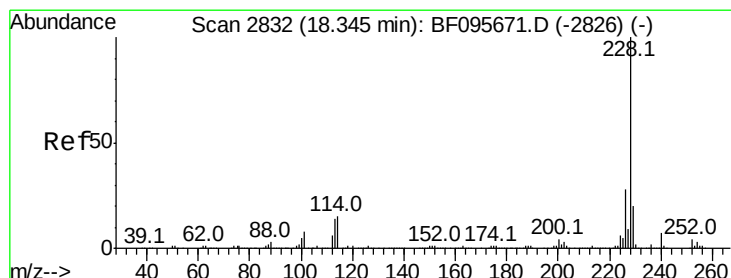
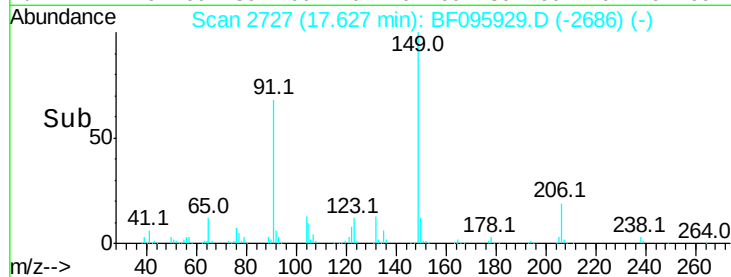
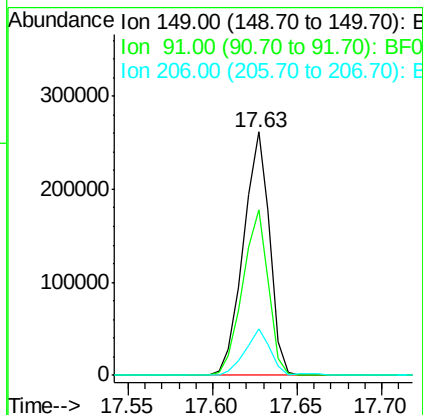
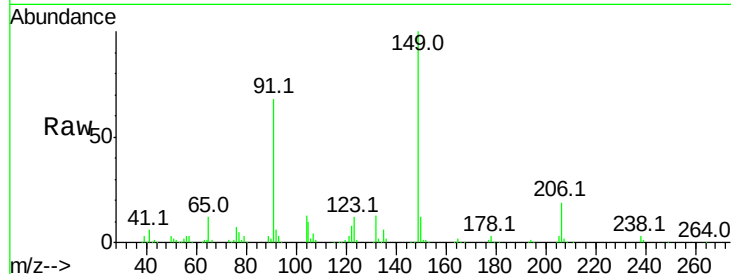
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	283288		
91	68.0	45.0	67.4#	
206	18.9	17.0	25.6	

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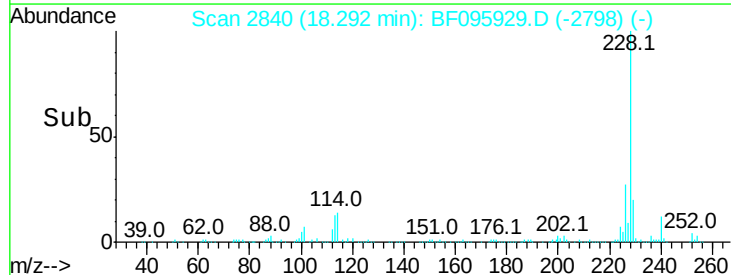
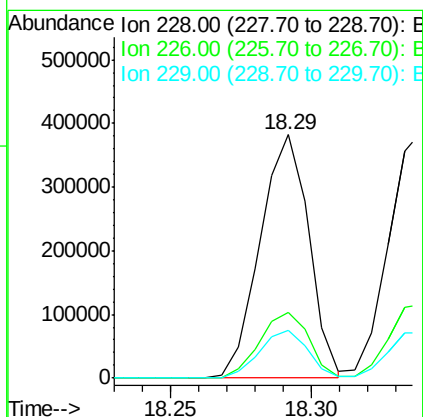
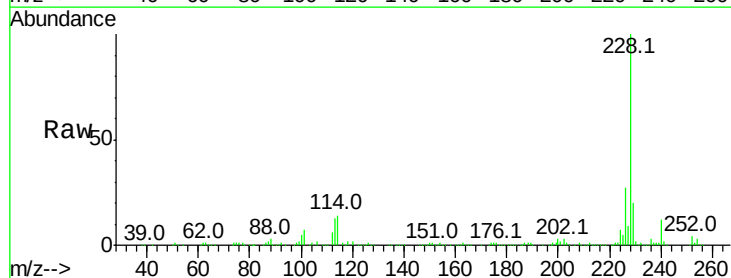
mohammad

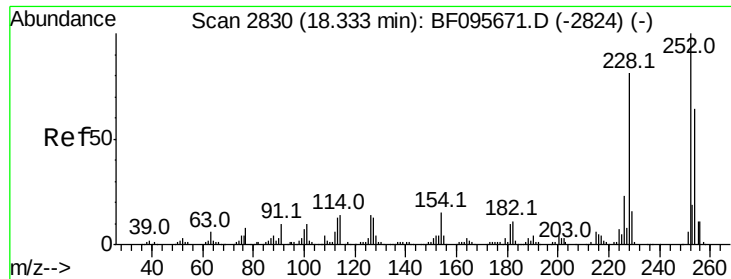
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#80
Benzo(a)anthracene
Concen: 39.08 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	456793		
226	27.2	22.6	33.8	
229	19.9	16.3	24.5	





#81
 3,3'-Dichlorobenzidine
 Concen: 17.68 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

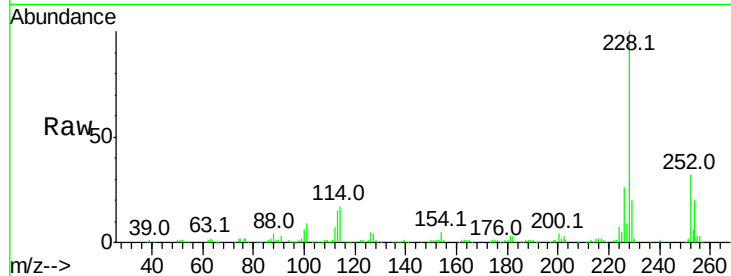
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.5	77.3
126	14.8	15.8	23.8

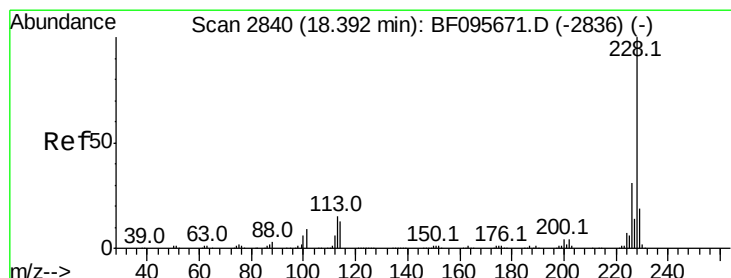
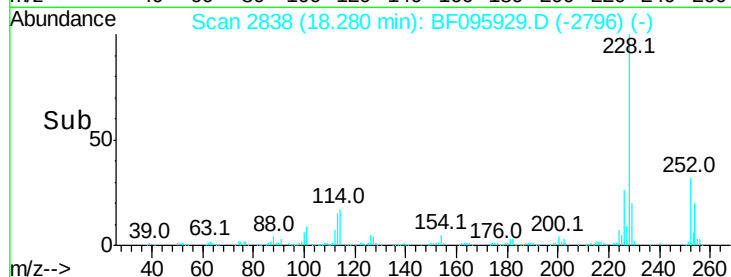
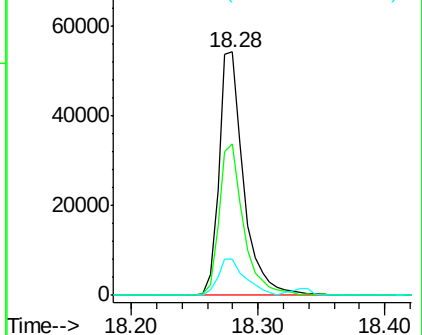
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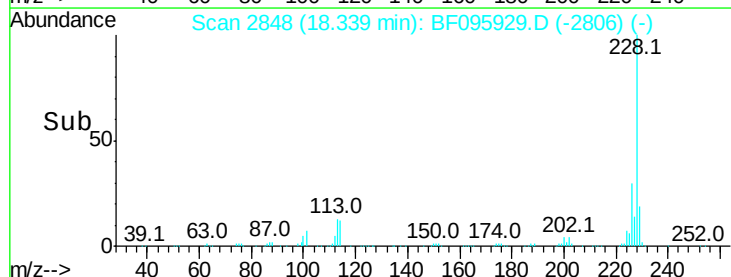
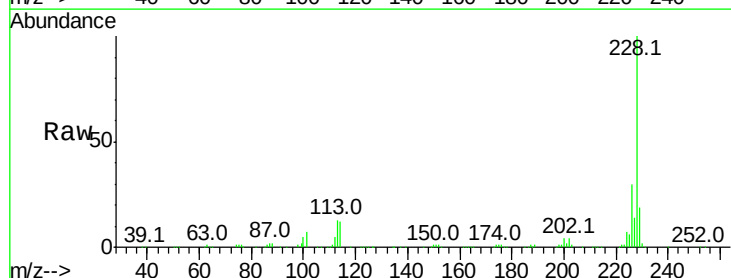
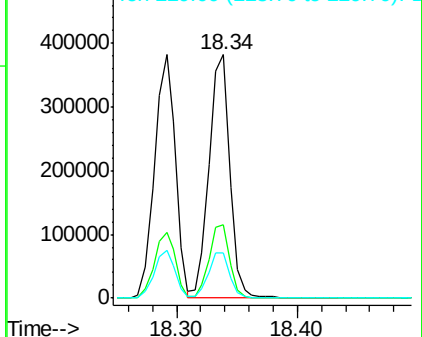
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

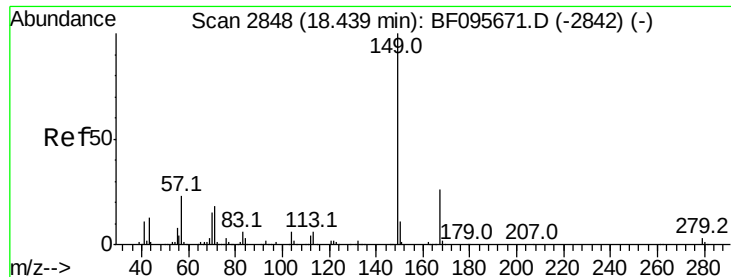


#82
 Chrysene
 Concen: 38.65 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	18.9	15.8	23.6

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





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.04 ng
 RT: 18.38 min Scan# 2855
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

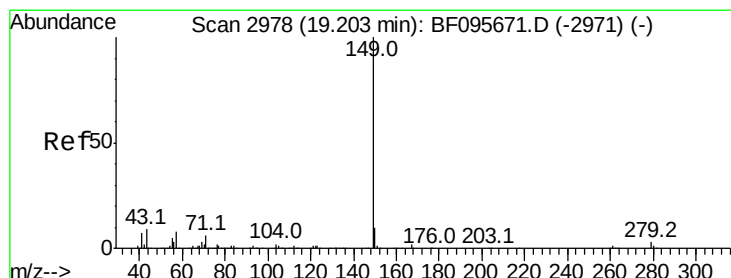
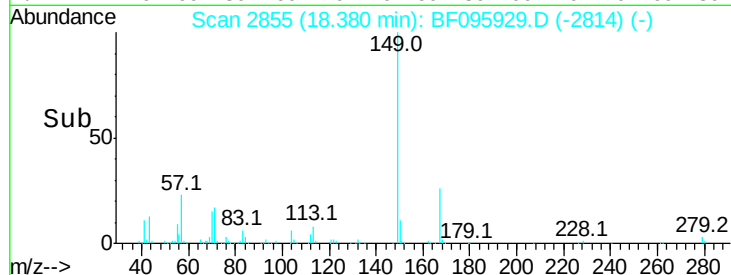
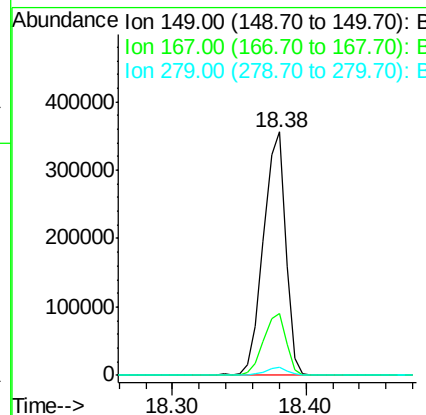
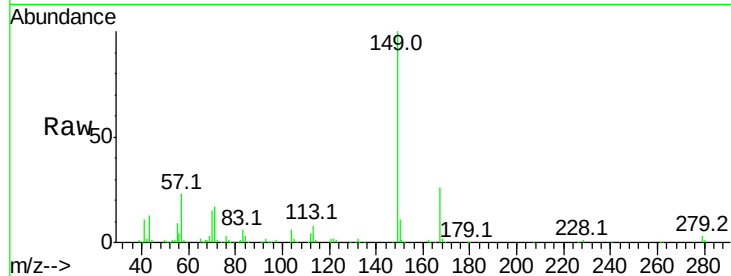
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.6	21.0	31.4
279	3.1	1.9	2.9

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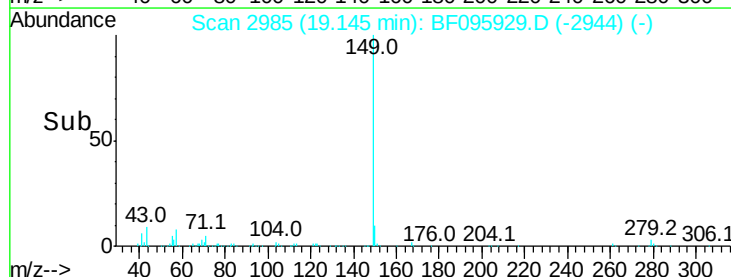
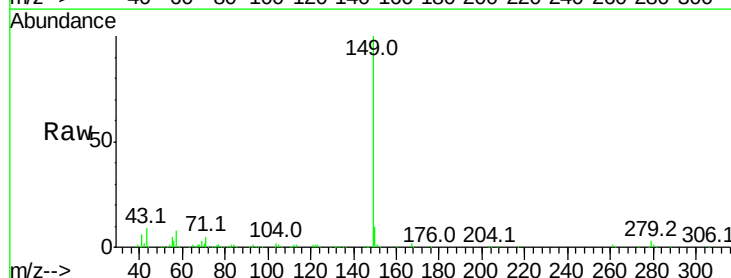
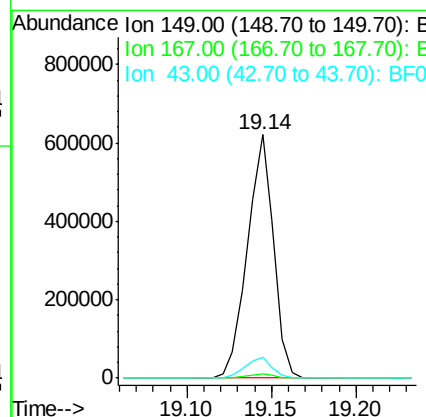
mohammad

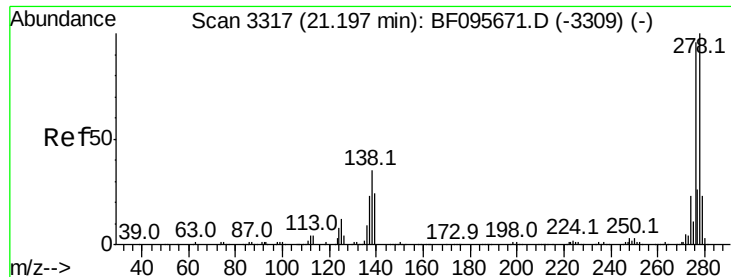
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#84
 Di-n-octyl phthalate
 Concen: 43.99 ng
 RT: 19.14 min Scan# 2985
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.8	8.5	12.7





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.26 ng
 RT: 21.13 min Scan# 3323
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

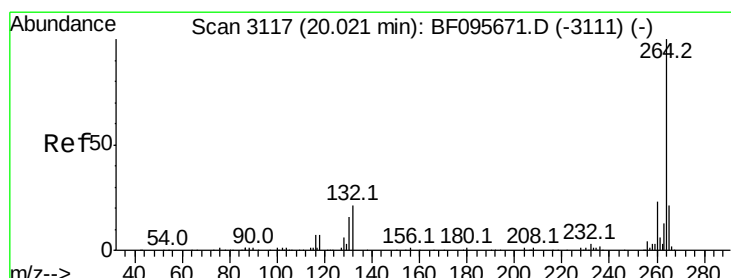
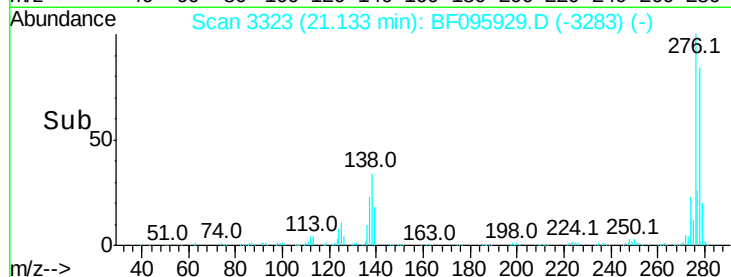
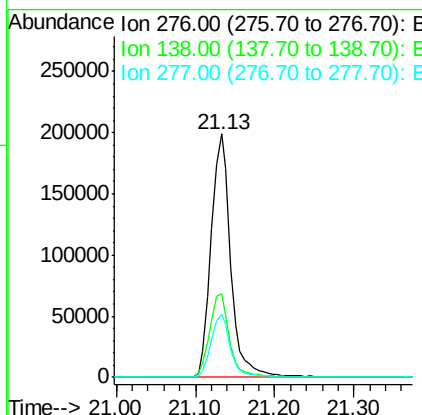
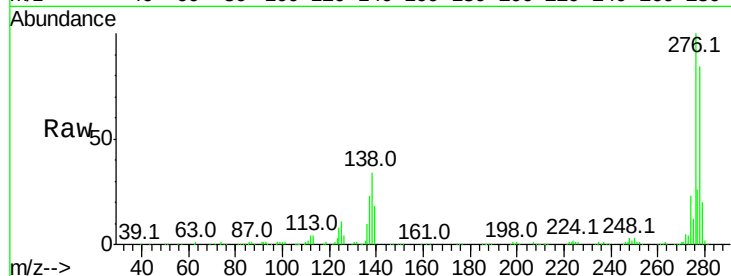
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	276	Resp:	342385
Ion Ratio	Lower	Upper	
276	100		
138	34.9	27.8	41.6
277	25.7	20.2	30.4

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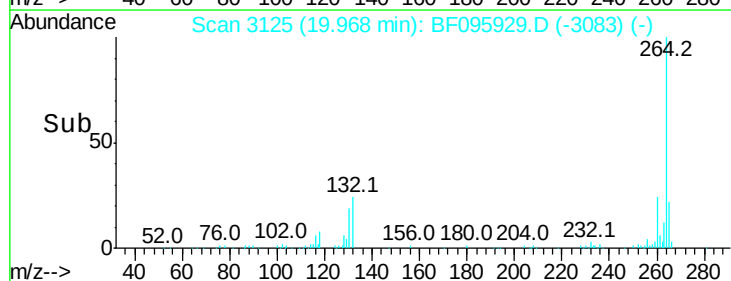
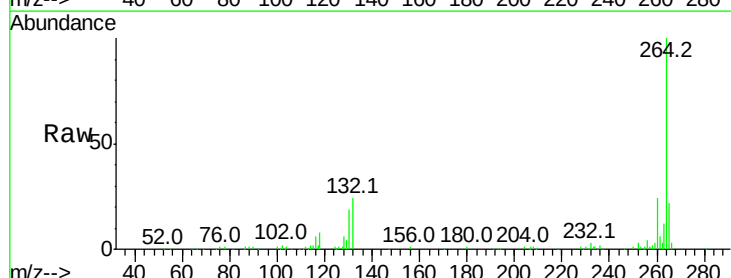
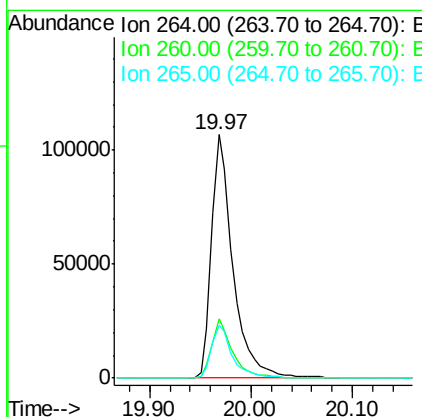
mohammad

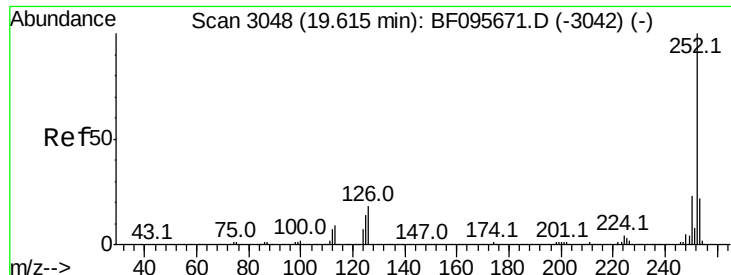
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:	264	Resp:	157304
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.63 ng

RT: 19.56 min Scan# 3056

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

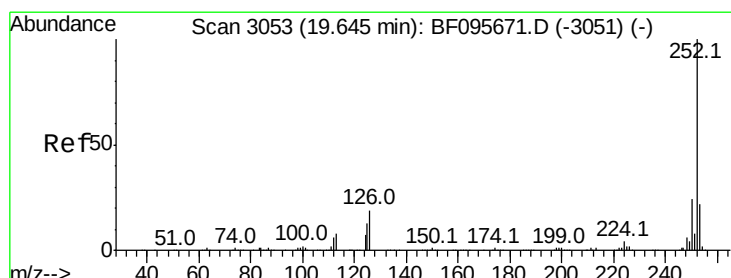
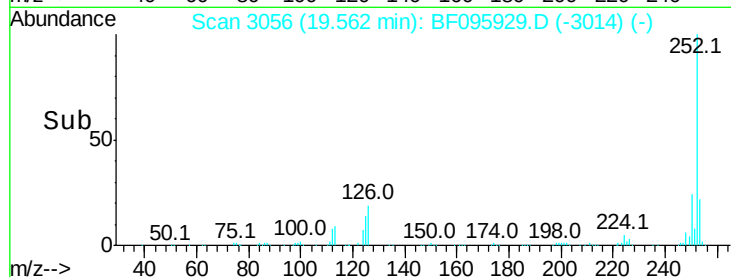
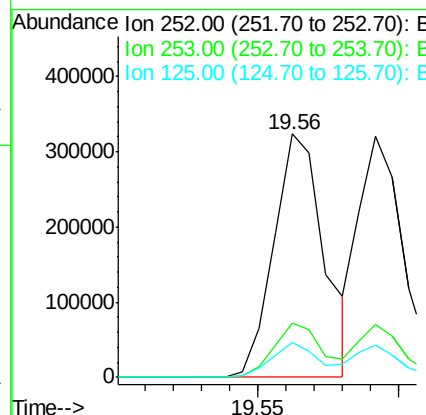
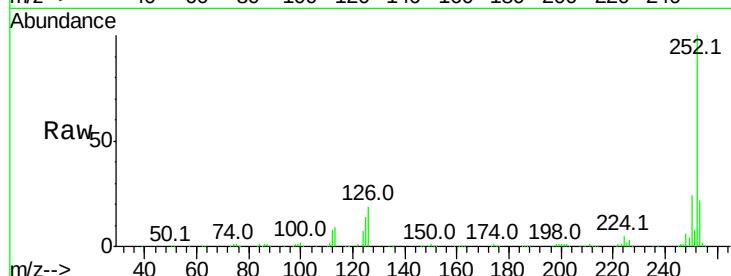
PB99714BSD

Tot Ion:	252	Resp:	400185
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	14.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 38.92 ng

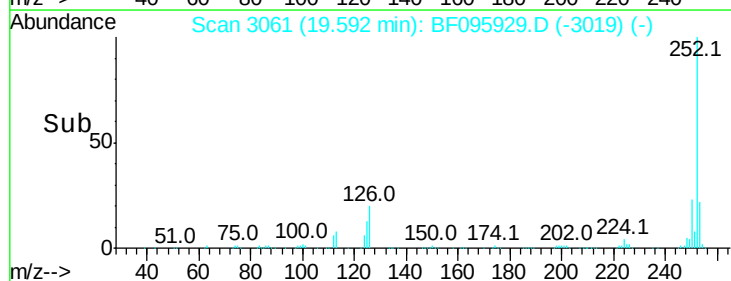
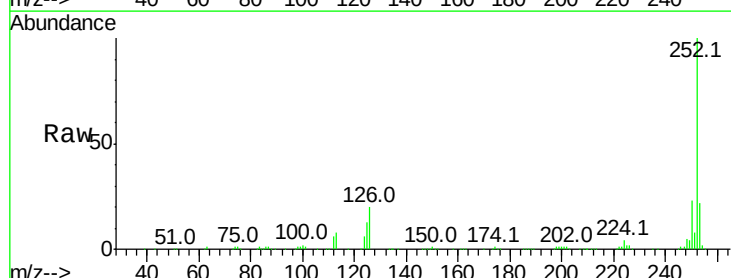
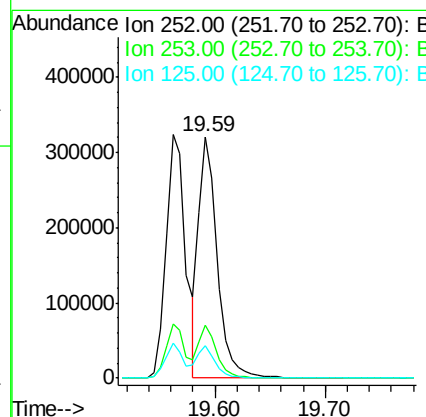
RT: 19.59 min Scan# 3061

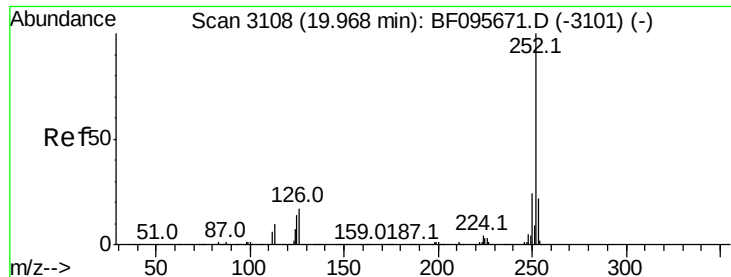
Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:	252	Resp:	366420
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	13.3	13.1	19.7





#89
Benzo(a)pyrene
Concen: 39.03 ng
RT: 19.92 min Scan# 3116
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

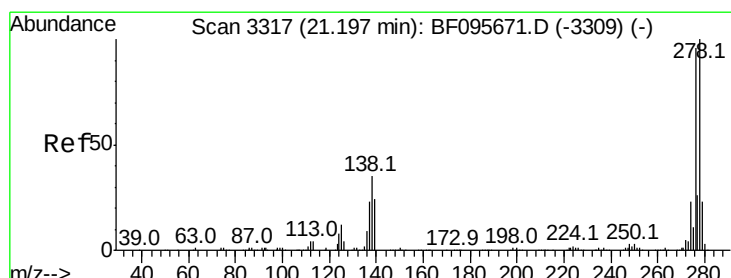
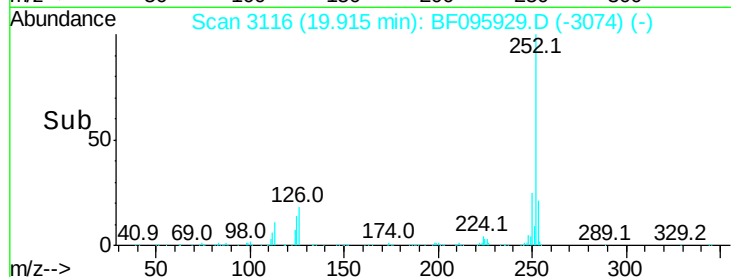
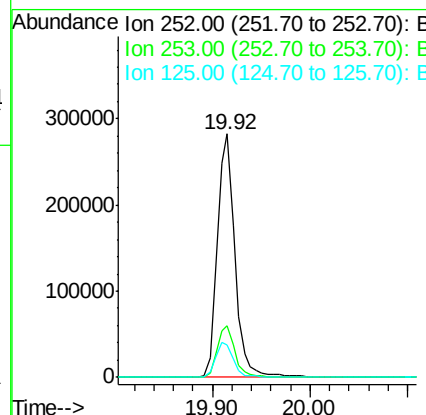
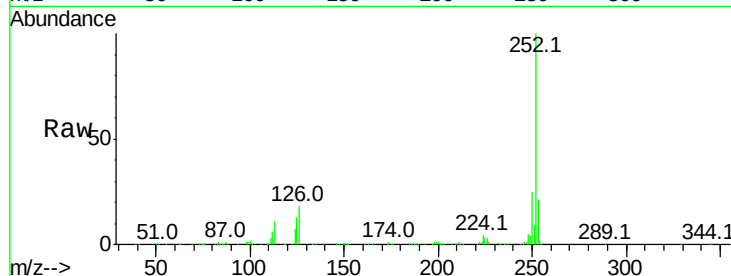
Instrument :
BNA_F
ClientSampleId :
PB99714BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	13.5	11.0	16.4

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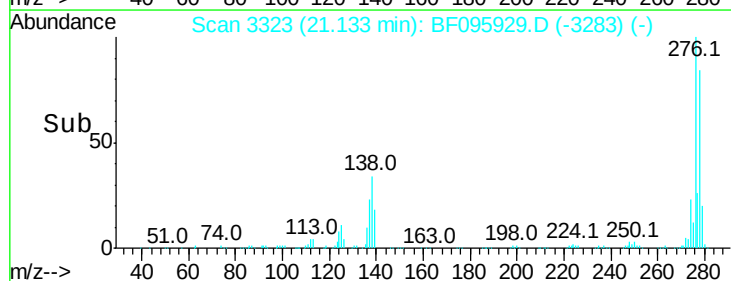
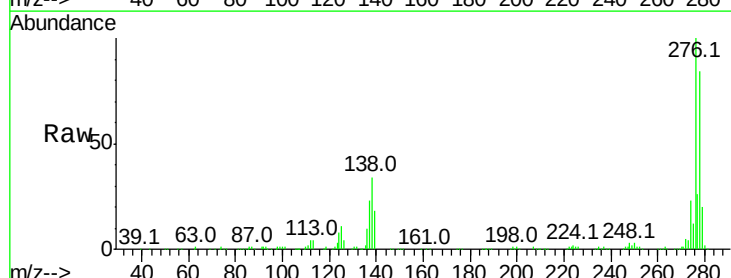
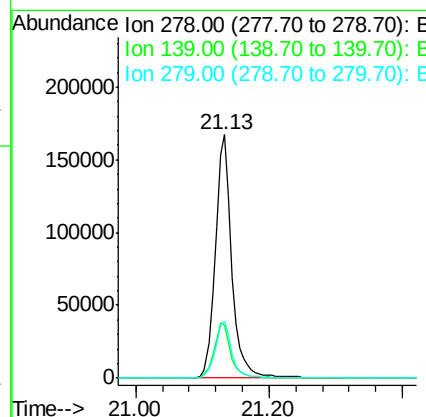
mohammad

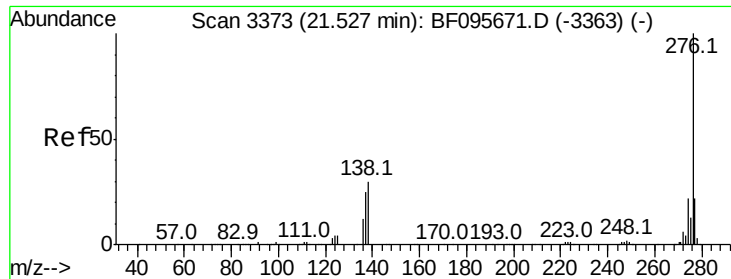
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#90
Dibenzo(a,h)anthracene
Concen: 37.64 ng
RT: 21.13 min Scan# 3323
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.85 ng
 RT: 21.46 min Scan# 3378
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

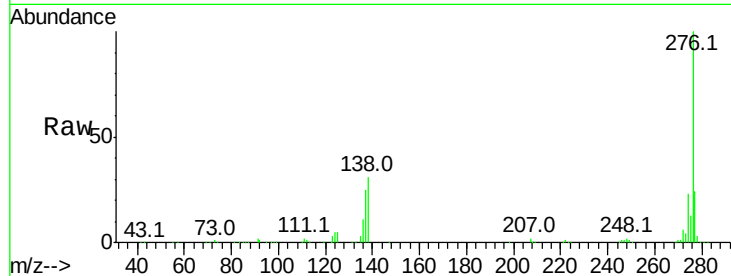
Instrument :
 BNA_F
 ClientSampleId :
 PB99714BSD

Tot Ion:	276	Resp:	296358
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
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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

