

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
 Data File : BF093587.D
 Acq On : 12 Mar 2017 3:31
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:34:38 PM

Quant Time: Mar 13 17:56:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180446	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	726481	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	321539	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	490262	20.00	ng	0.00
75) Chrysene-d12	13.88	240	330375	20.00	ng	-0.01
86) Perylene-d12	15.28	264	308300	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1039107	95.84	ng	0.00
7) Phenol-d6	6.39	99	1065821	77.96	ng	0.01
23) Nitrobenzene-d5	7.30	82	1008410	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	161615	77.15	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1499143	86.72	ng	0.00
78) Terphenyl-d14	12.83	244	1211599	95.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	277384	46.45	ng	86
3) Pyridine	2.87	79	631310	41.46	ng	87
4) n-Nitrosodimethylamine	2.84	42	337693	46.43	ng	82
6) Aniline	6.39	93	694781	37.03	ng	# 61
8) 2-Chlorophenol	6.52	128	481410	39.63	ng	92
9) Benzaldehyde	6.28	77	319432	37.08	ng	96
10) Phenol	6.40	94	662353	39.53	ng	# 73
11) bis(2-Chloroethyl)ether	6.46	93	518761	38.31	ng	92
12) 1,3-Dichlorobenzene	6.65	146	539597m	38.81	ng	
13) 1,4-Dichlorobenzene	6.73	146	560599	39.38	ng	99
14) 1,2-Dichlorobenzene	6.89	146	501704	39.80	ng	96
15) Benzyl Alcohol	6.88	79	372240	38.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	804442	35.76	ng	# 30
17) 2-Methylphenol	7.01	107	403391	39.26	ng	92
18) Hexachloroethane	7.22	117	170984	35.61	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	366450	38.99	ng	# 94
20) 3+4-Methylphenols	7.17	107	529949	39.77	ng	# 72
22) Acetophenone	7.14	105	656324	37.54	ng	# 98
24) Nitrobenzene	7.32	77	504346	34.27	ng	97
25) Isophorone	7.56	82	929029	35.19	ng	95
26) 2-Nitrophenol	7.64	139	256173	38.16	ng	97
27) 2,4-Dimethylphenol	7.69	122	377484	34.56	ng	91
28) bis(2-Chloroethoxy)methane	7.77	93	651369	39.08	ng	100
29) 2,4-Dichlorophenol	7.89	162	421507	41.02	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	420035	38.44	ng	96
31) Naphthalene	8.04	128	1399701	38.45	ng	99
32) Benzoic acid	7.84	122	154711	27.26	ng	98
33) 4-Chloroaniline	8.09	127	535535	36.25	ng	95
34) Hexachlorobutadiene	8.15	225	221376	39.33	ng	97
35) Caprolactam	8.48	113	124977	35.61	ng	# 54
36) 4-Chloro-3-methylphenol	8.60	107	405948	37.02	ng	99
37) 2-Methylnaphthalene	8.72	142	822454	35.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	401658	45.75	ng	99
40) Hexachlorocyclopentadiene	8.87	237	30070	23.61	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
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 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

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Quant Time: Mar 13 17:56:26 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	237821	43.35	ng	95
43) 2,4,5-Trichlorophenol	9.06	196	253881	43.13	ng	93
45) 1,1'-Biphenyl	9.19	154	1050946	44.87	ng	100
46) 2-Chloronaphthalene	9.21	162	831385	46.37	ng	99
47) 2-Nitroaniline	9.33	65	281589	44.43	ng	# 84
48) Acenaphthylene	9.62	152	1273342	43.06	ng	98
49) Dimethylphthalate	9.50	163	928549	43.56	ng	99
50) 2,6-Dinitrotoluene	9.57	165	222847	47.64	ng	93
51) Acenaphthene	9.80	154	759302	43.42	ng	96
52) 3-Nitroaniline	9.74	138	234192	41.67	ng	96
53) 2,4-Dinitrophenol	9.88	184	14740	6.92	ng	# 76
54) Dibenzofuran	9.97	168	1018673	46.54	ng	94
55) 4-Nitrophenol	9.94	139	92603m	33.93	ng	
56) 2,4-Dinitrotoluene	9.98	165	258742	45.03	ng	# 77
57) Fluorene	10.31	166	853001	45.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	160650	38.67	ng	95
59) Diethylphthalate	10.18	149	826728	40.58	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	366291	44.06	ng	88
61) 4-Nitroaniline	10.36	138	214645	37.35	ng	89
62) Azobenzene	10.46	77	908900	39.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	35818	11.28	ng	# 40
65) n-Nitrosodiphenylamine	10.42	169	709075	43.31	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	230826	44.52	ng	# 85
67) Hexachlorobenzene	10.86	284	213950	43.22	ng	98
68) Atrazine	10.95	200	184483	38.50	ng	99
69) Pentachlorophenol	11.06	266	98886	57.86	ng	97
70) Phenanthrene	11.27	178	1123059	40.13	ng	97
71) Anthracene	11.32	178	1072993	37.90	ng	98
72) Carbazole	11.49	167	1076393	40.48	ng	97
73) Di-n-butylphthalate	11.81	149	1309617	42.57	ng	# 96
74) Fluoranthene	12.46	202	945340	34.97	ng	91
76) Benzidine	12.59	184	467738	43.05	ng	97
77) Pyrene	12.68	202	932531	38.81	ng	99
79) Butylbenzylphthalate	13.29	149	430367	42.55	ng	91
80) Benzo(a)anthracene	13.87	228	780293	39.99	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	289024	42.30	ng	97
82) Chrysene	13.91	228	786559	43.57	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	620537	44.02	ng	# 96
84) Di-n-octyl phthalate	14.46	149	973913	41.45	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	649530	42.99	ng	# 94
87) Benzo(b)fluoranthene	14.89	252	920909m	49.05	ng	
88) Benzo(k)fluoranthene	14.92	252	626209m	34.58	ng	
89) Benzo(a)pyrene	15.23	252	721174	42.03	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	573807	40.42	ng	# 95
91) Benzo(g,h,i)perylene	17.03	276	547972	37.61	ng	# 94

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

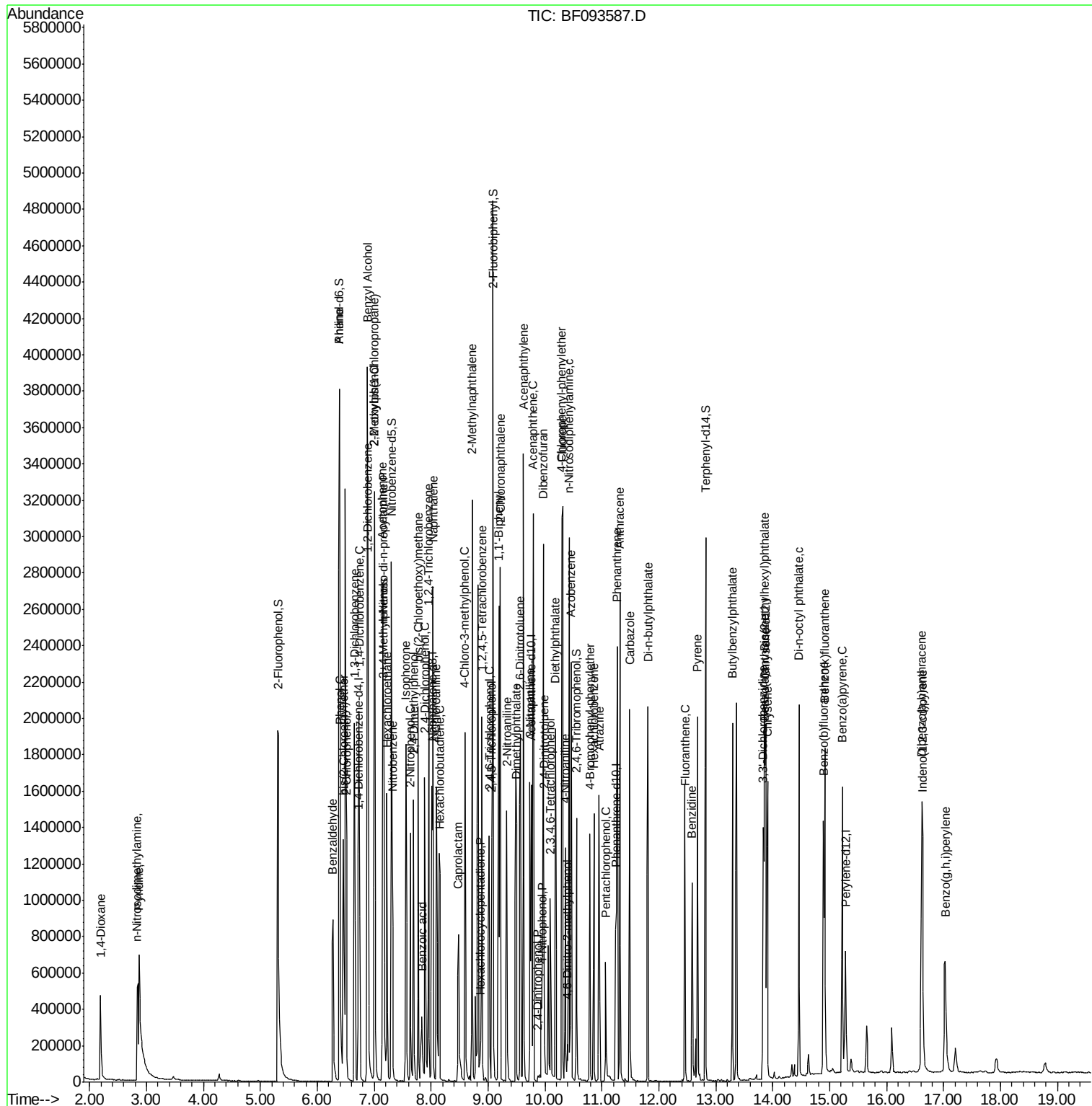
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\  
Data File : BF093587.D  
Acq On    : 12 Mar 2017    3:31  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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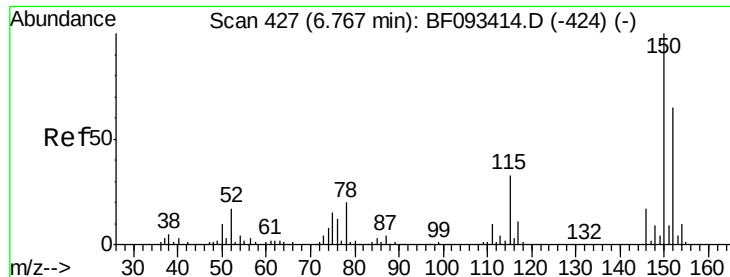
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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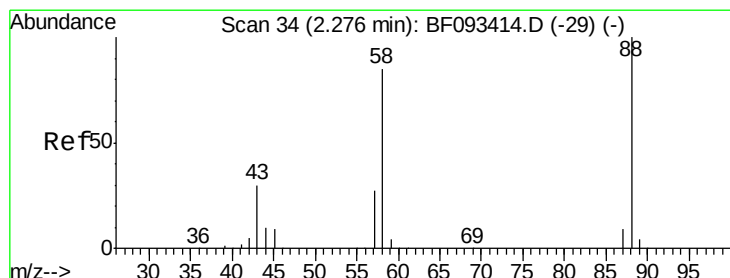
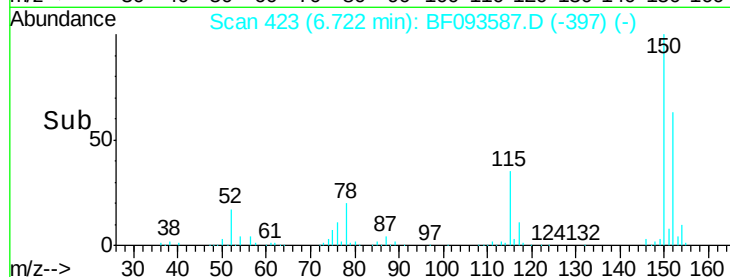
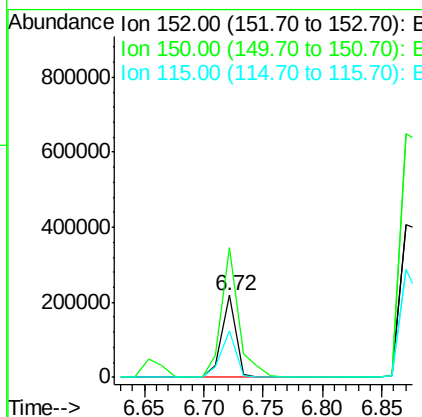
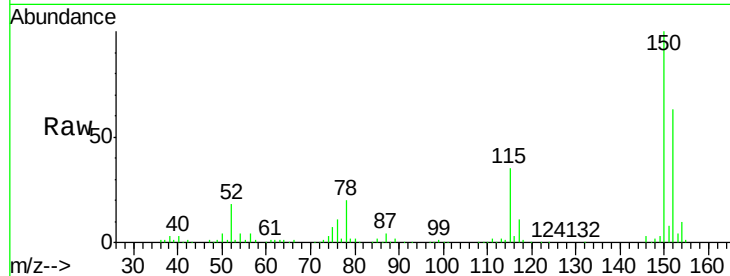
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	56.2	46.0	69.0

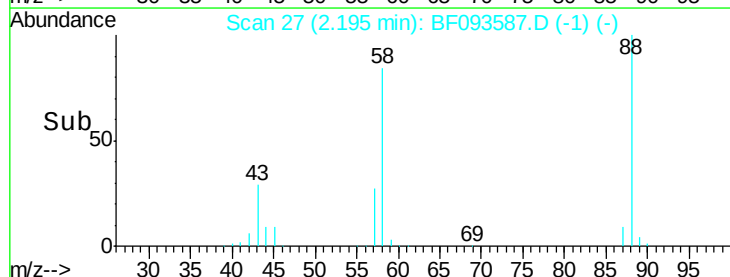
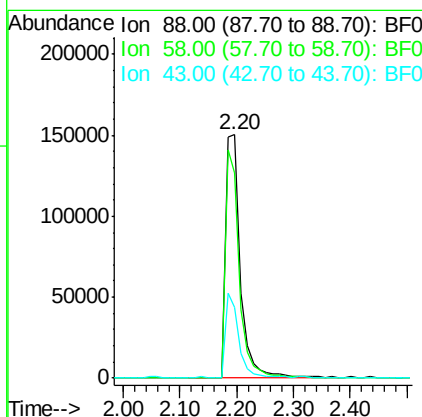
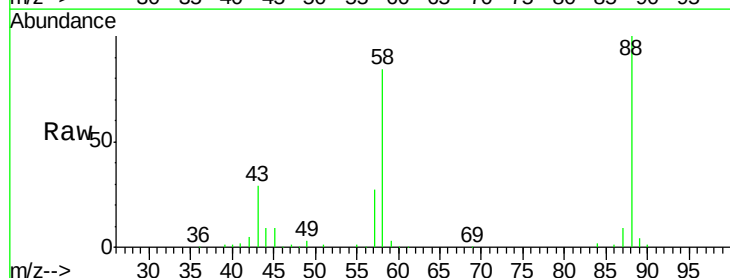
Manual Integrations
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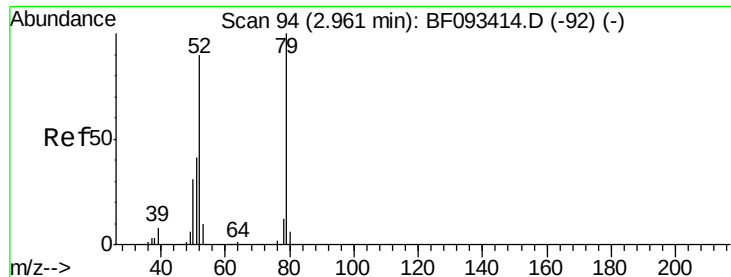
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#2
 1,4-Dioxane
 Concen: 46.45 ng
 RT: 2.20 min Scan# 27
 Delta R.T. 0.01 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	57.8	86.8
43	30.6	22.3	33.5





#3

Pyridine

Concen: 41.46 ng

RT: 2.87 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

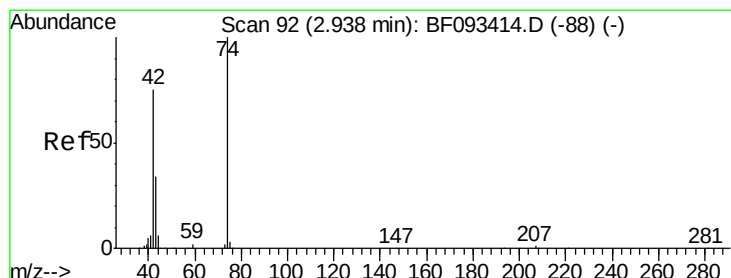
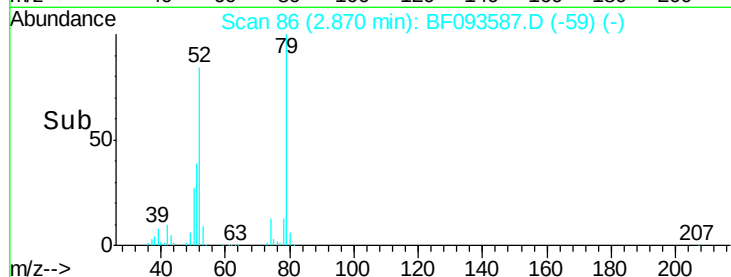
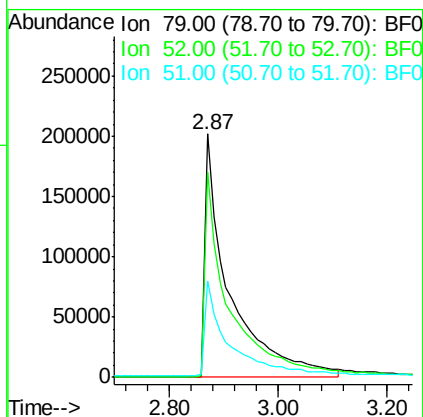
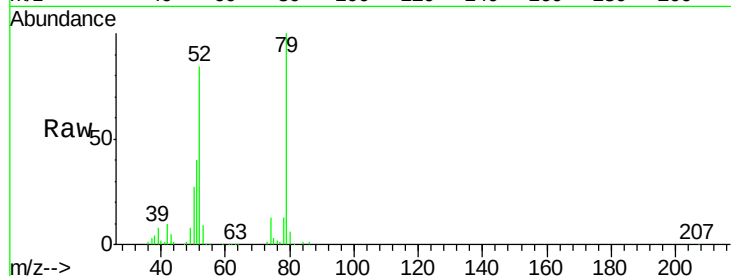
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	631310
Ion Ratio	Lower	Upper	
79	100		
52	84.1	57.1	85.7
51	39.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.43 ng

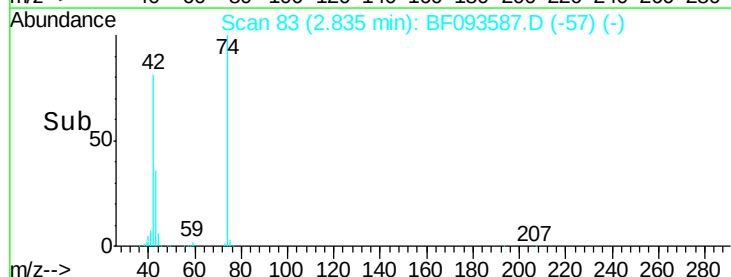
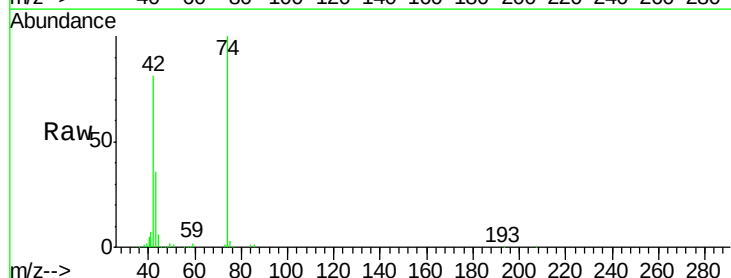
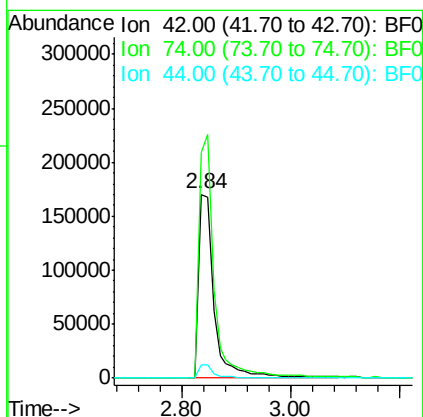
RT: 2.84 min Scan# 83

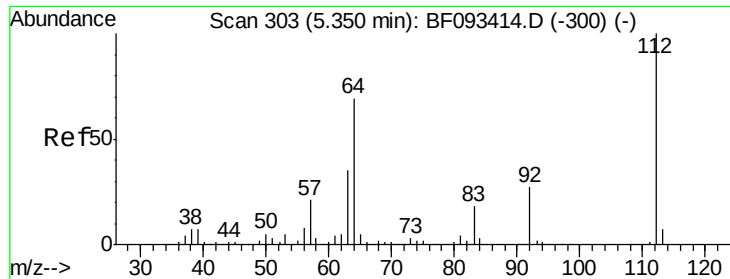
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	42	Resp:	337693
Ion Ratio	Lower	Upper	
42	100		
74	122.8	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 95.84 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

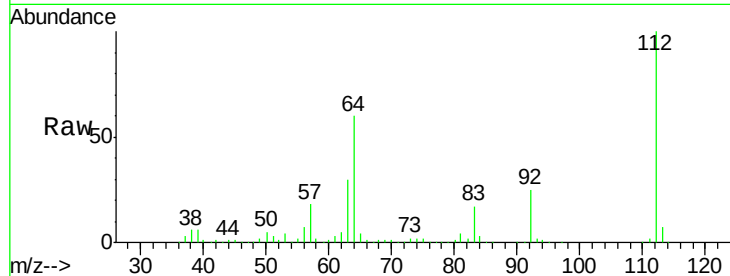
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	1039107
Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.1	69.1
63	30.2	23.8	35.6

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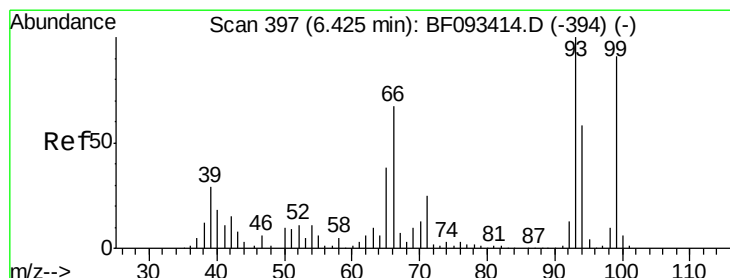
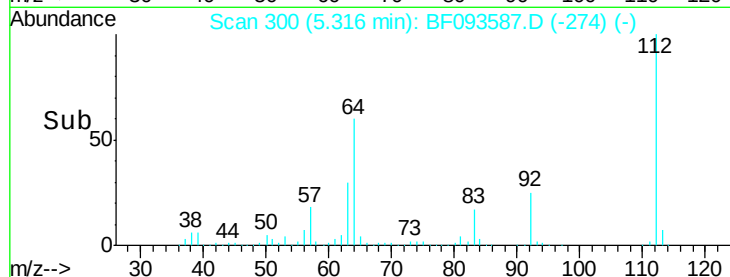
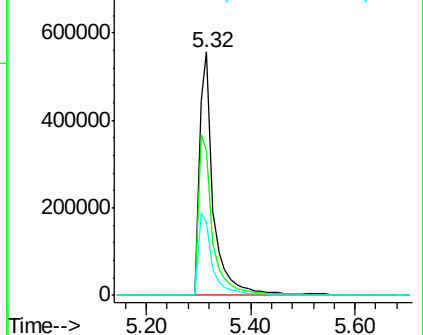
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.03 ng

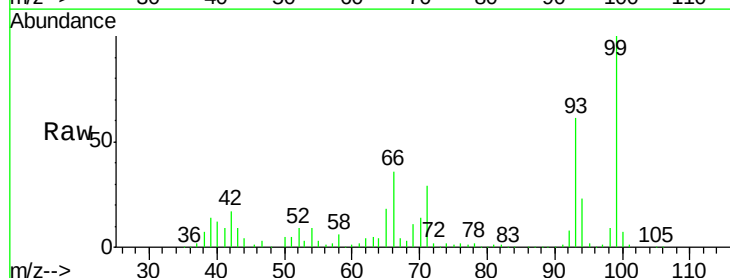
RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

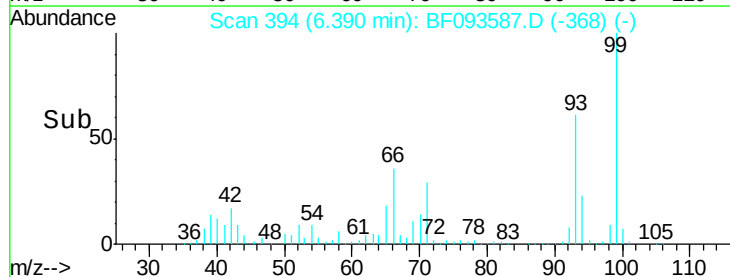
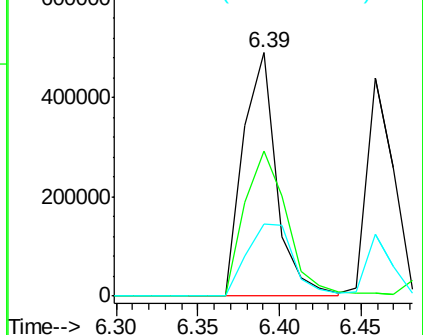
Tgt Ion:	93	Resp:	694781
Ion	Ratio	Lower	Upper
93	100		
66	59.3	76.2	114.2#
65	29.8	49.3	73.9#

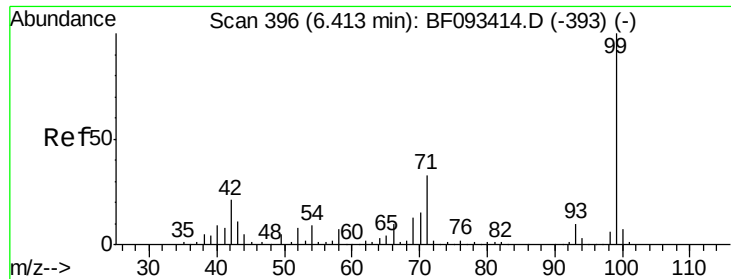


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.96 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1065821

Ion Ratio Lower Upper

99 100

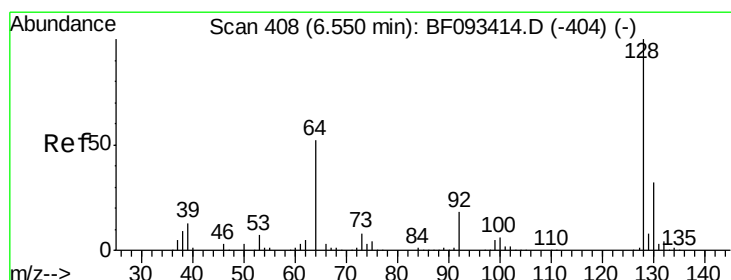
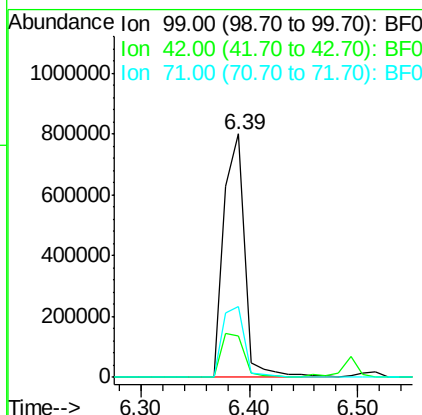
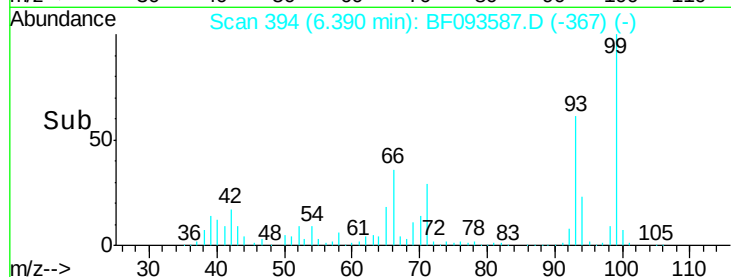
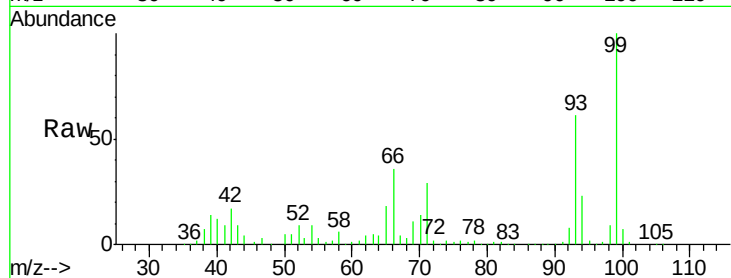
42 17.1 15.6 23.4

71 29.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 39.63 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

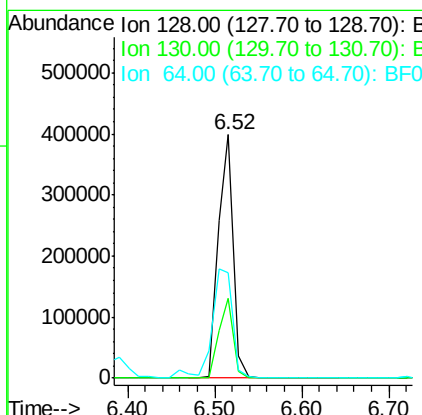
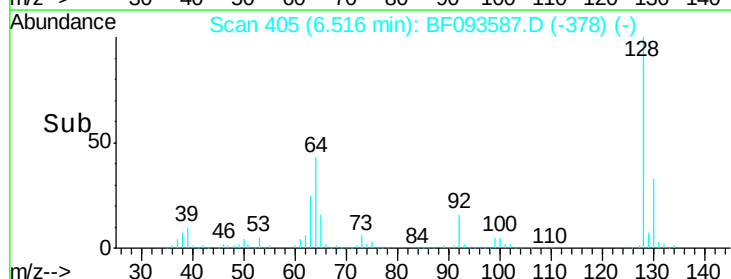
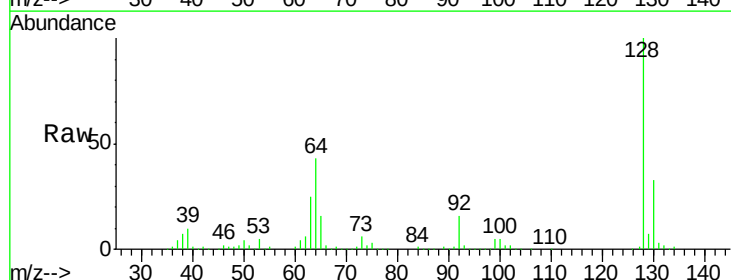
Tgt Ion: 128 Resp: 481410

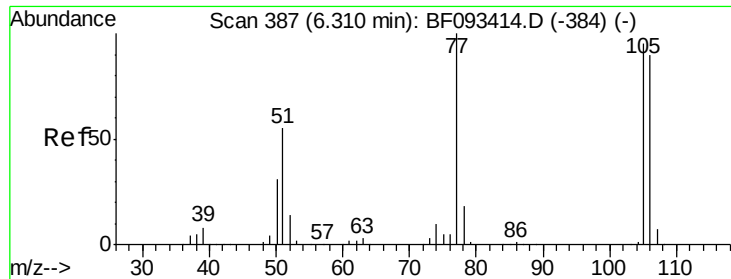
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 43.0 32.2 72.2





#9

Benzaldehyde

Concen: 37.08 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

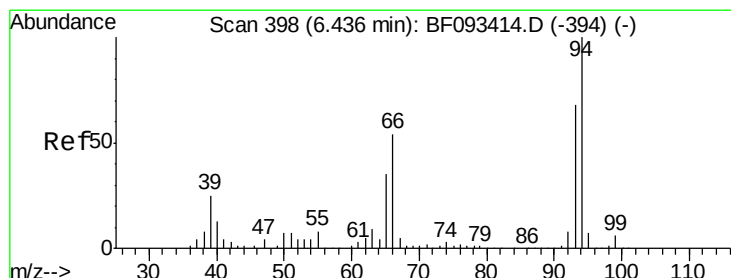
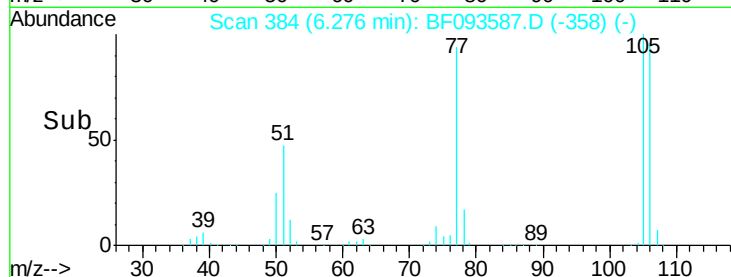
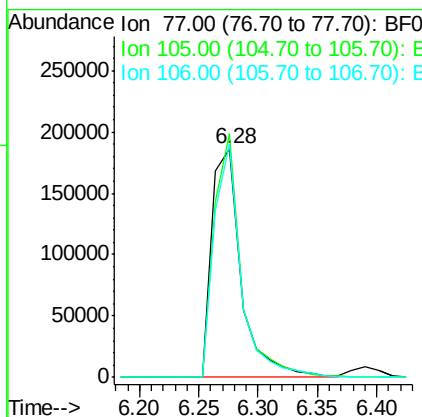
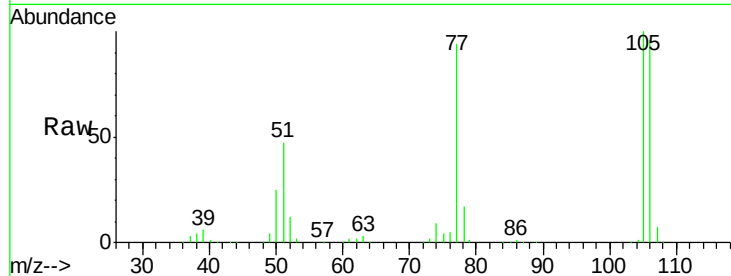
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	319432
Ion	Ratio	Lower	Upper
77	100		
105	106.6	83.9	123.9
106	102.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 39.53 ng

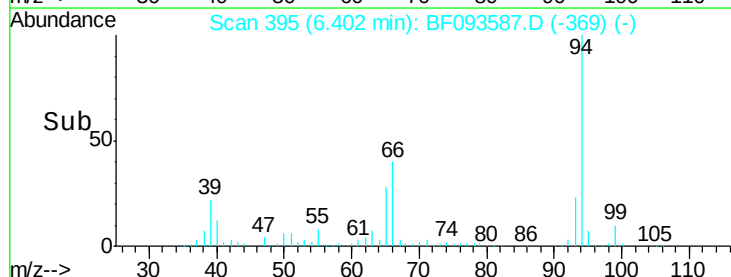
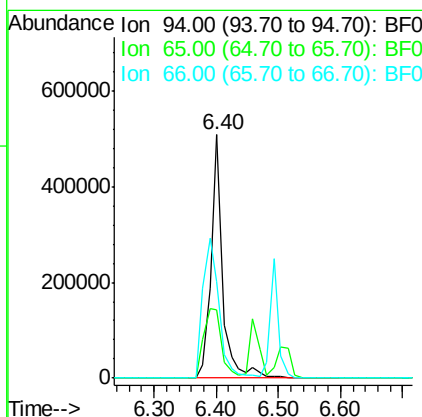
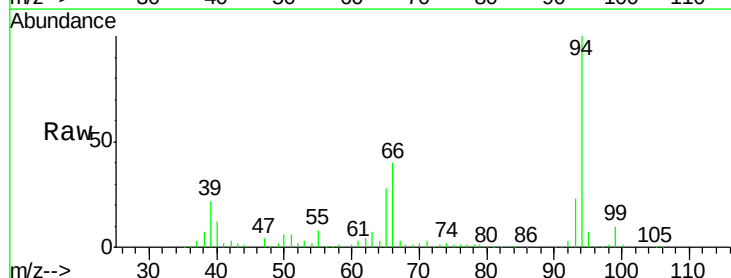
RT: 6.40 min Scan# 395

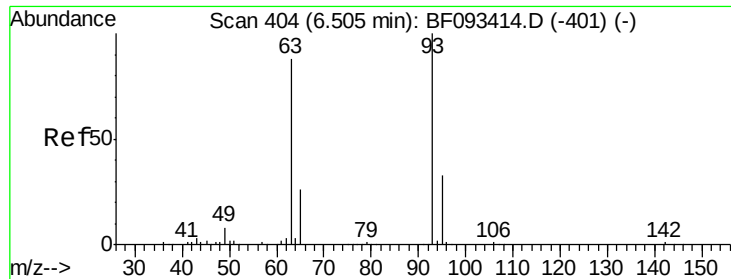
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	94	Resp:	662353
Ion	Ratio	Lower	Upper
94	100		
65	28.0	21.4	61.4
66	39.8	44.0	84.0#





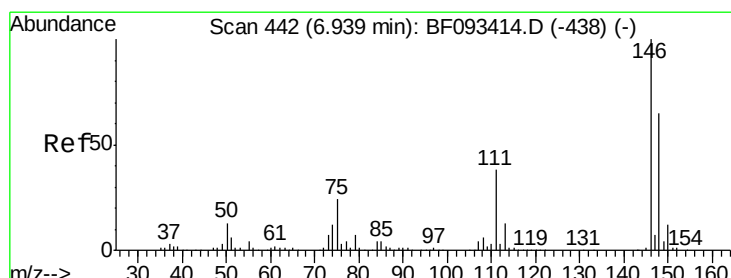
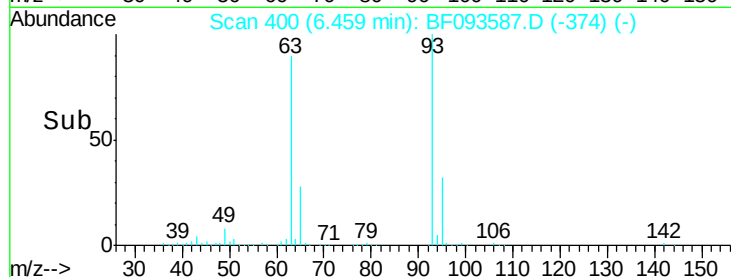
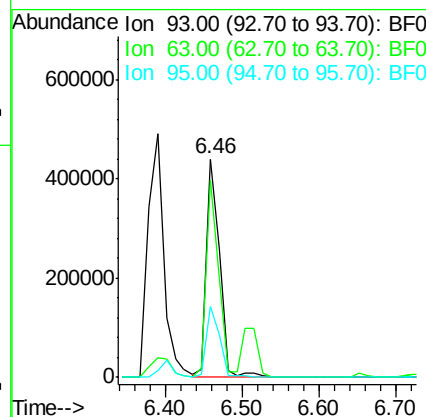
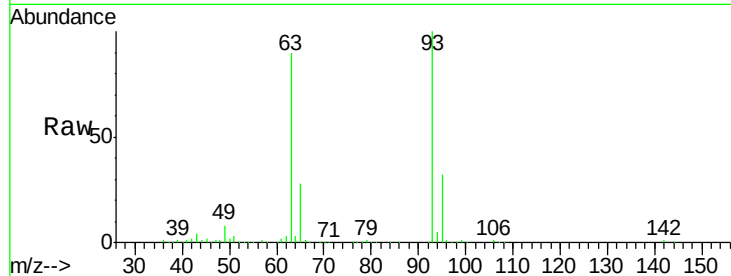
#11
bis(2-Chloroethyl)ether
Concen: 38.31 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	518761		
63	90.4	60.4	100.4	
95	32.4	12.8	52.8	

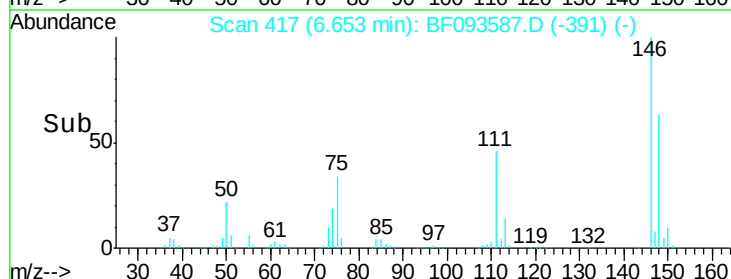
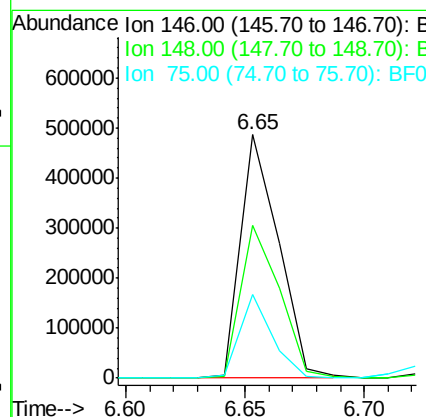
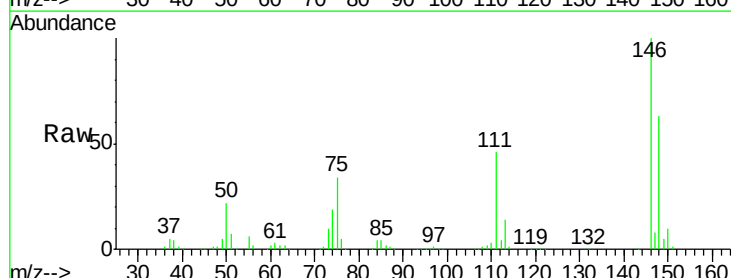
Manual Integrations
APPROVED

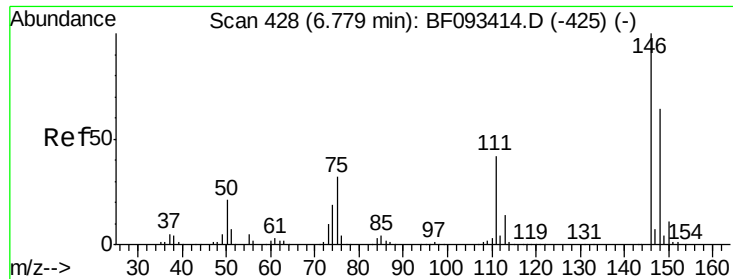
mohammad
3/15/2017 5:34:38 PM



#12
1,3-Dichlorobenzene
Concen: 38.81 ng m
RT: 6.65 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	539597		
148	62.9	53.4	80.0	
75	34.5	18.5	27.7#	





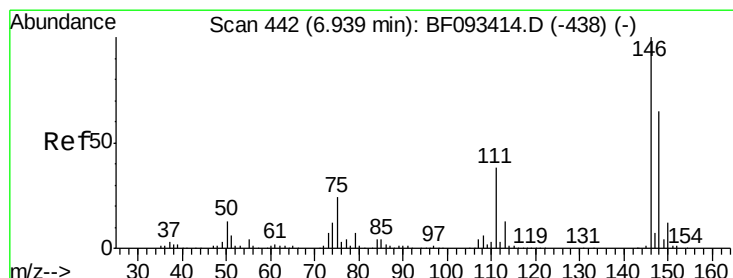
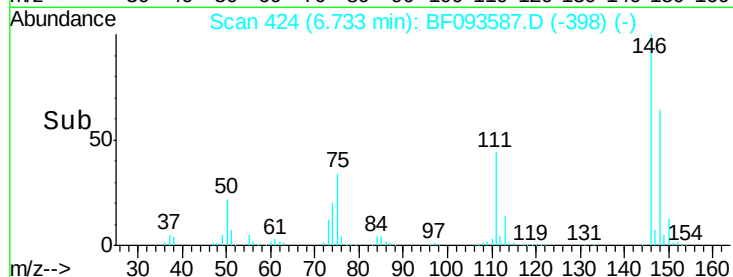
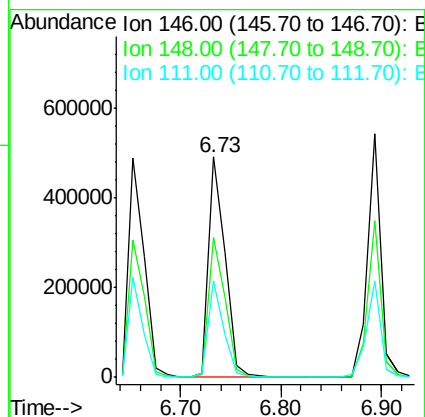
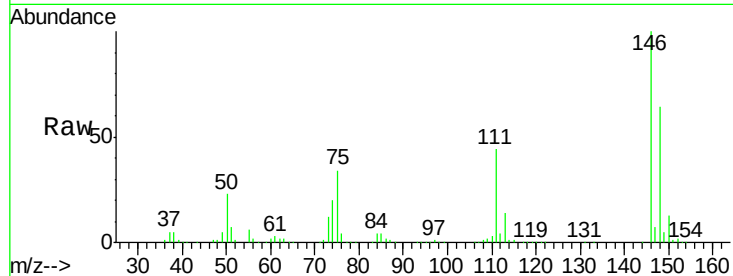
#13
1,4-Dichlorobenzene
Concen: 39.38 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	43.6	36.2	54.4

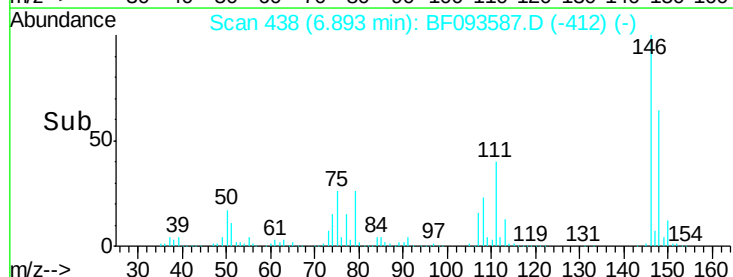
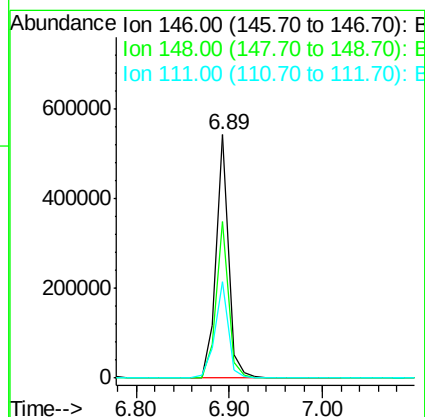
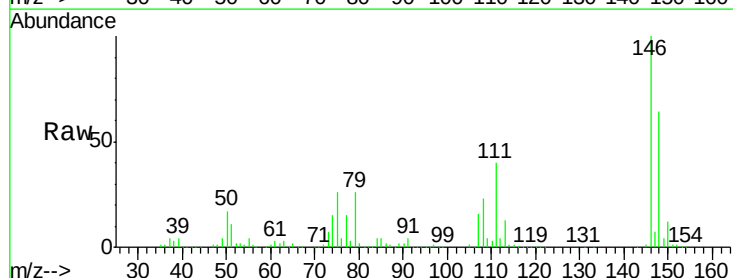
Manual Integrations
APPROVED

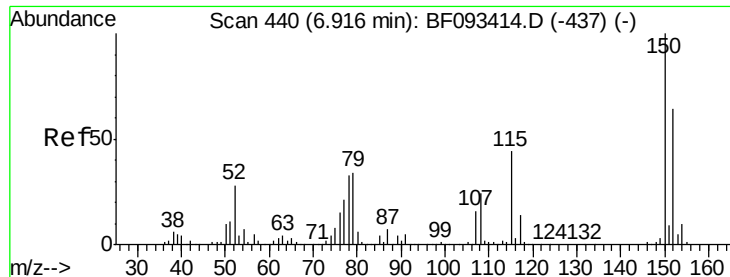
mohammad
3/15/2017 5:34:38 PM



#14
1,2-Dichlorobenzene
Concen: 39.80 ng
RT: 6.89 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	39.8	36.2	54.2





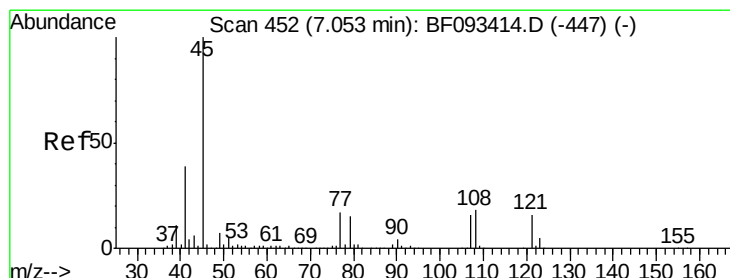
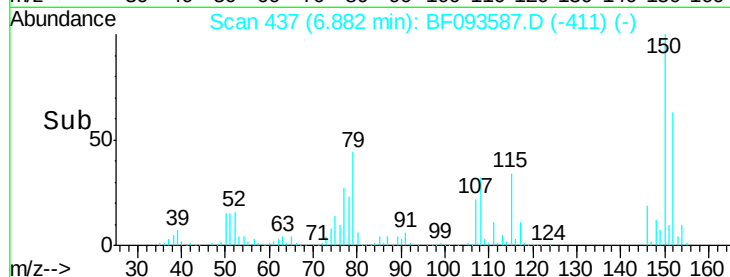
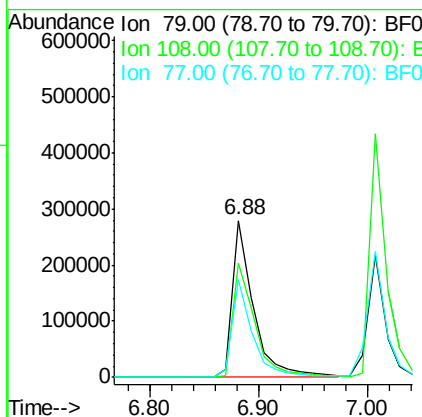
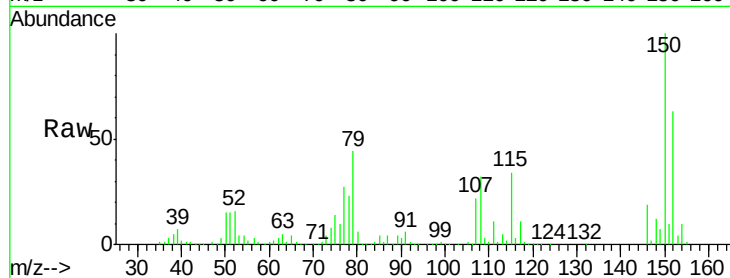
#15
Benzyl Alcohol
Concen: 38.19 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.0	61.4	92.0
77	62.1	50.9	76.3

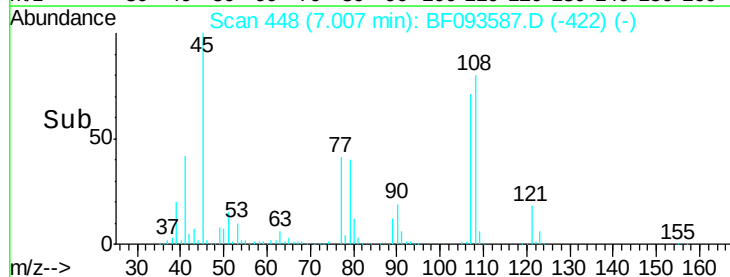
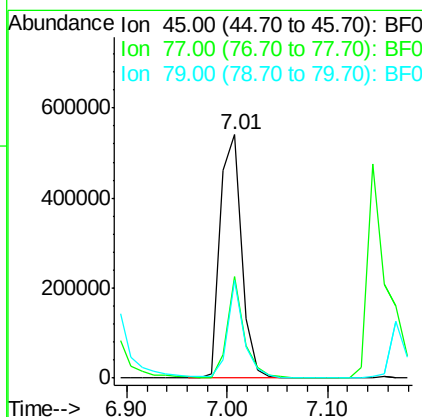
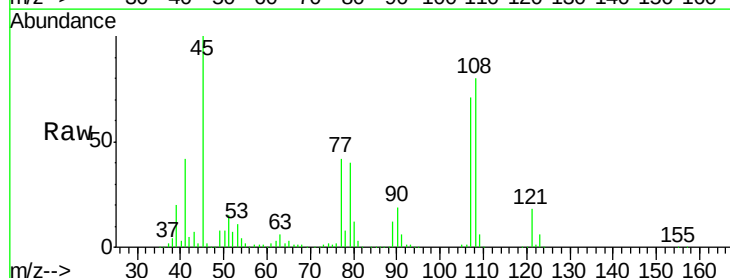
Manual Integrations
APPROVED

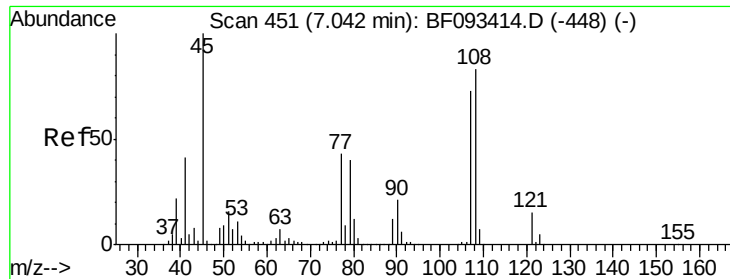
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.76 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.5	0.0	34.6#
79	40.1	0.0	31.2#





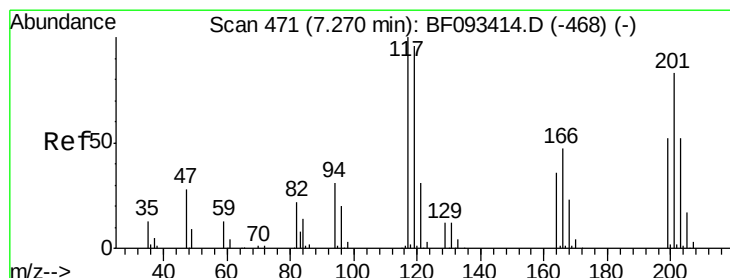
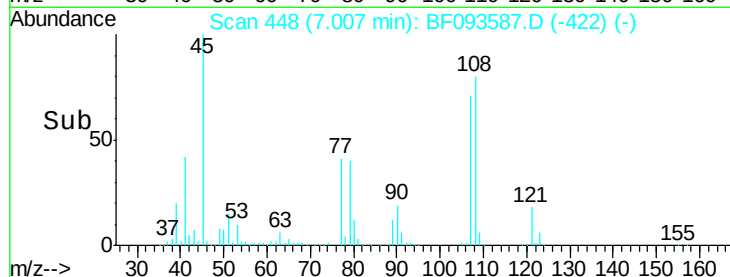
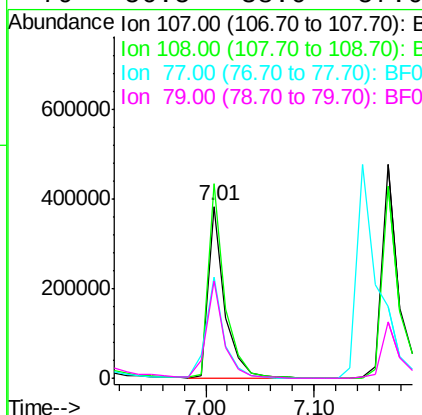
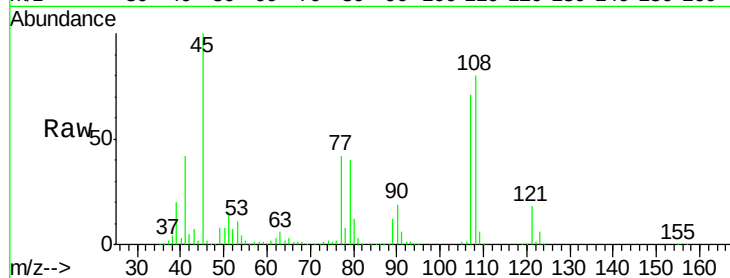
#17
2-Methylphenol
Concen: 39.26 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	403391		
108	113.0	93.0	139.6	
77	58.5	39.8	59.8	
79	56.5	38.0	57.0	

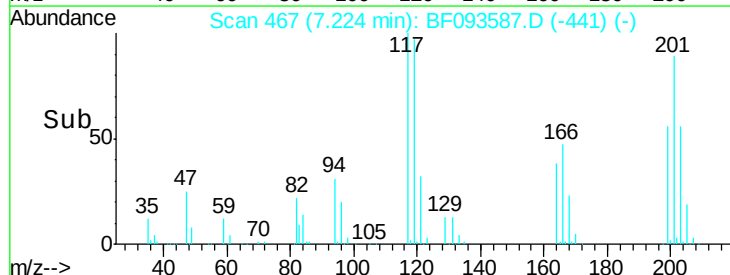
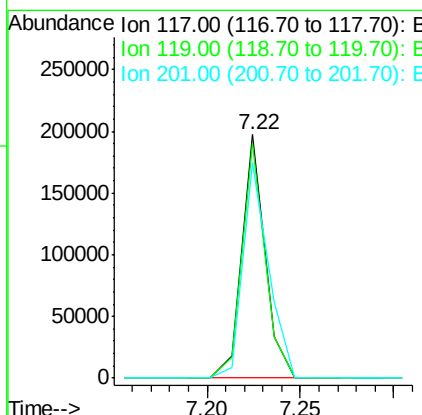
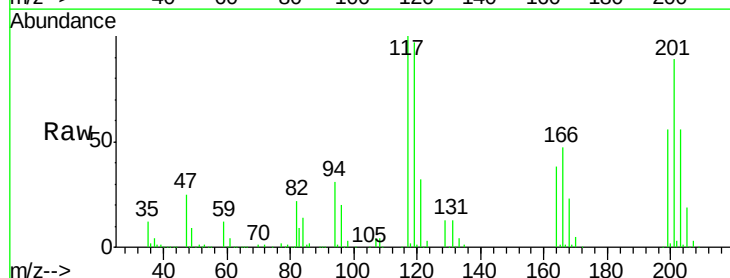
Manual Integrations
APPROVED

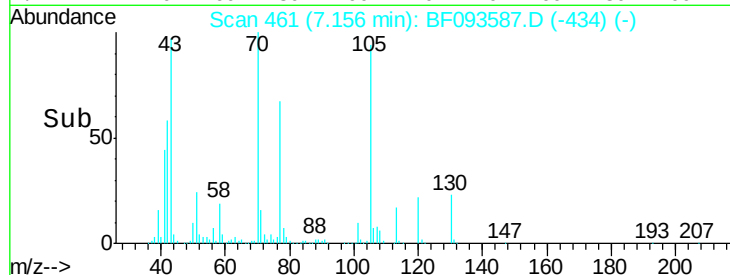
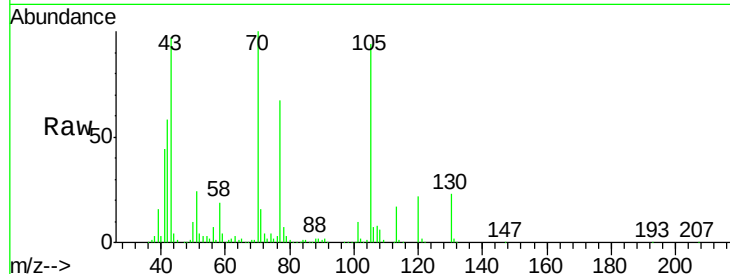
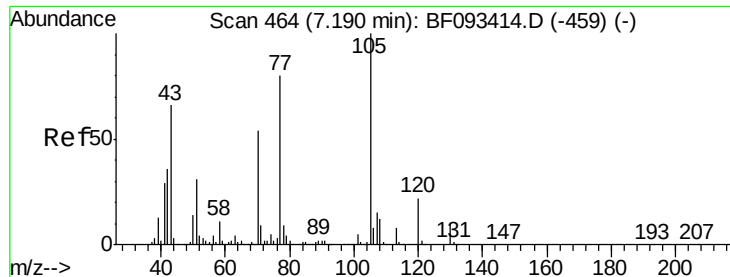
mohammad
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#18
Hexachloroethane
Concen: 35.61 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170984		
119	96.6	78.1	117.1	
201	88.5	78.6	117.8	





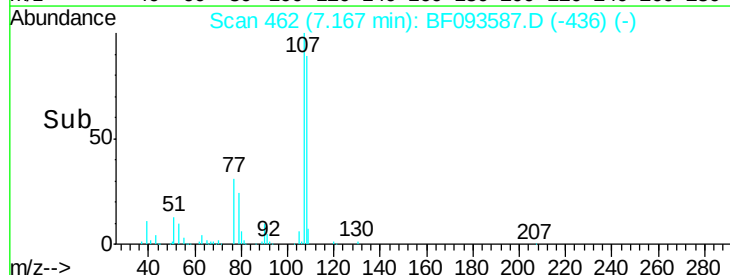
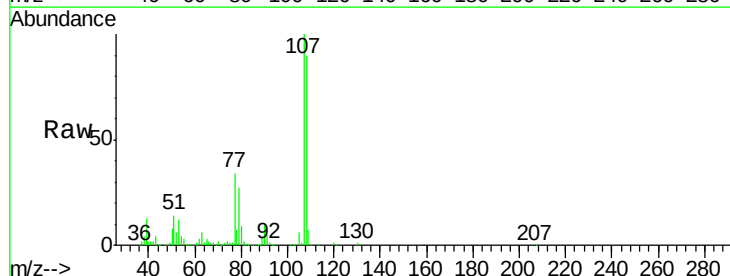
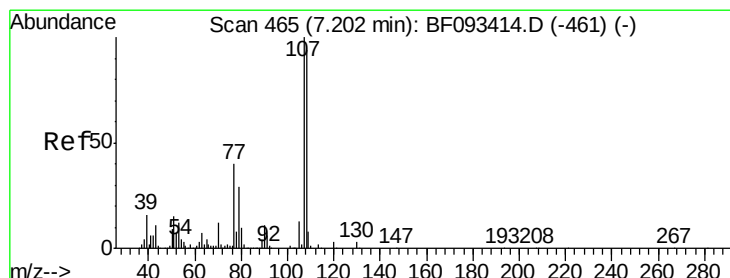
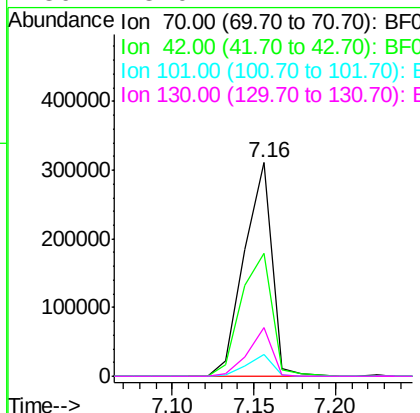
#19
n-Nitroso-di-n-propylamine
Concen: 38.99 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.7	49.4	74.0
101	9.9	7.4	11.2
130	23.0	14.2	21.4

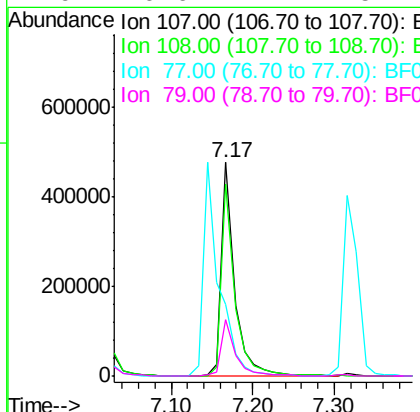
Manual Integrations
APPROVED

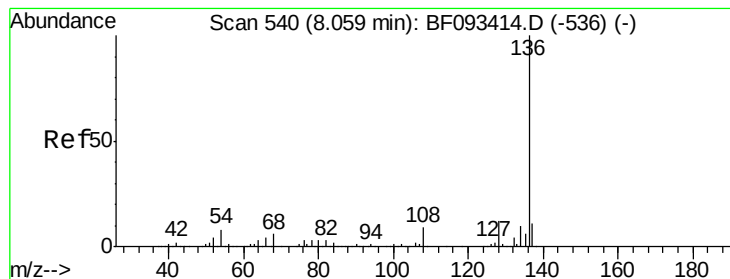
mohammad
3/15/2017 5:34:38 PM



#20
3+4-Methylphenols
Concen: 39.77 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.0	113.0
77	33.7	71.3	111.3
79	26.6	11.1	51.1





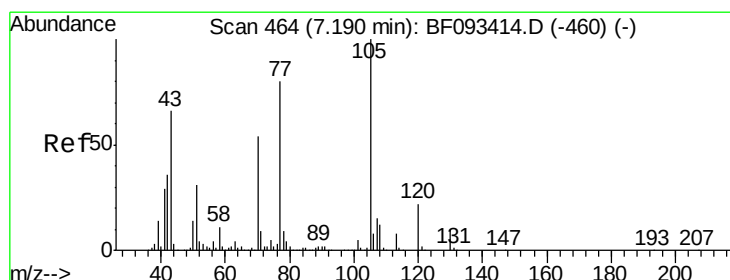
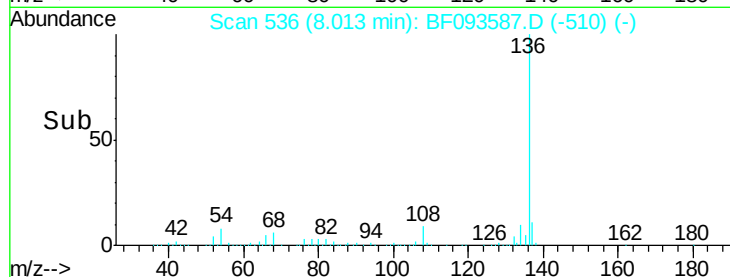
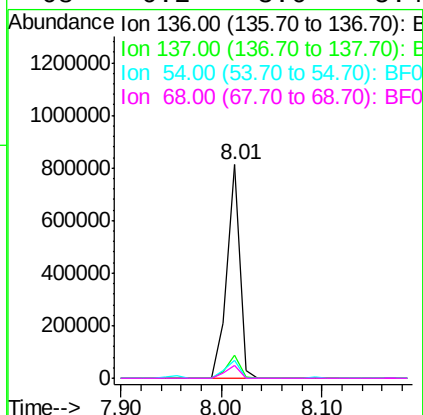
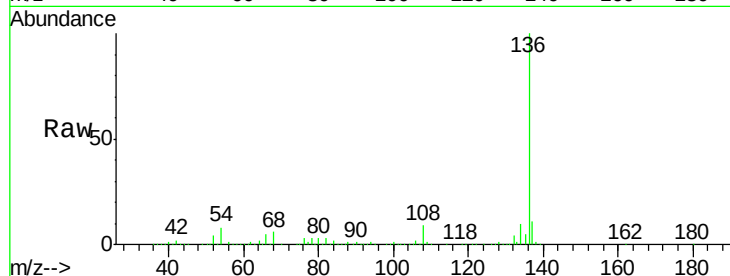
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	8.4	12.6
54	8.3	4.5	6.7#
68	6.2	3.6	5.4#

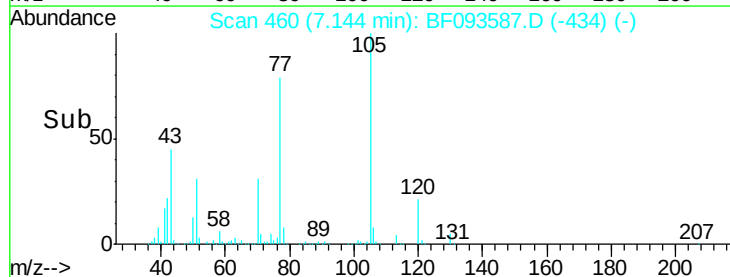
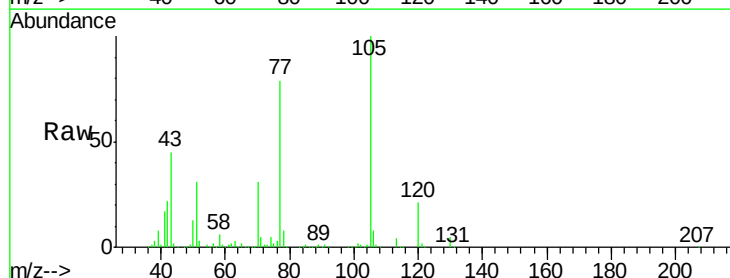
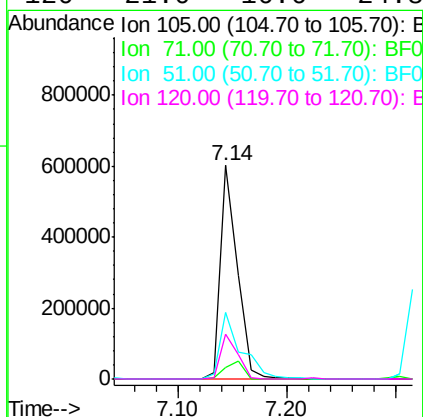
Manual Integrations
APPROVED

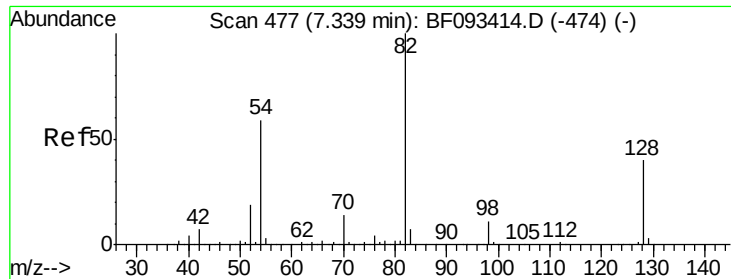
mohammad
3/15/2017 5:34:38 PM



#22
Acetophenone
Concen: 37.54 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.2	3.2	4.8#
51	31.4	26.2	39.4
120	21.0	16.6	24.8





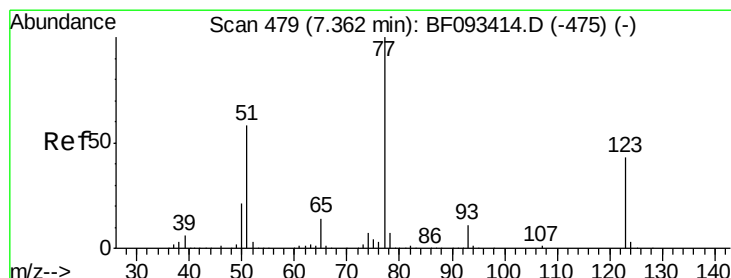
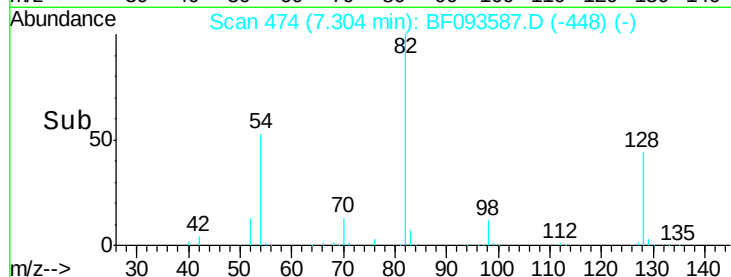
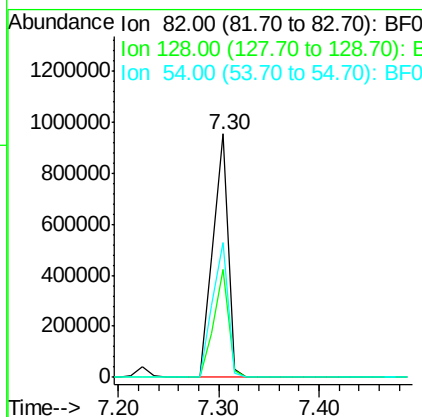
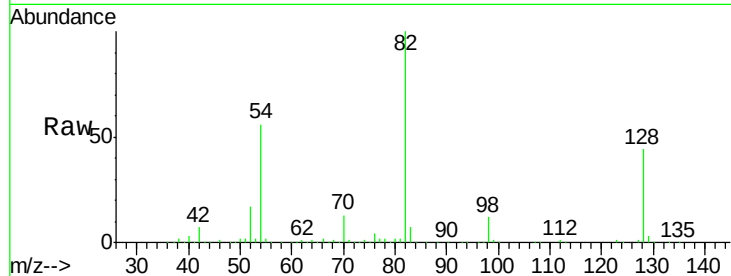
#23
 Nitrobenzene-d5
 Concen: 77.02 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1008410
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 55.5 39.5 59.3

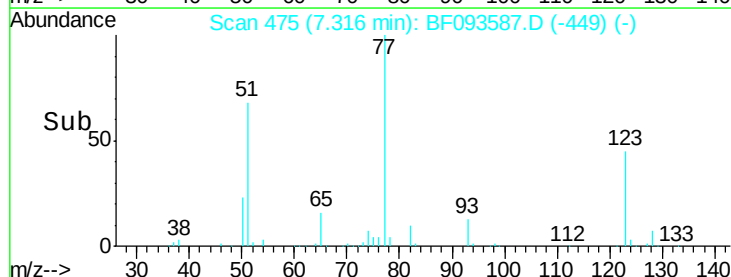
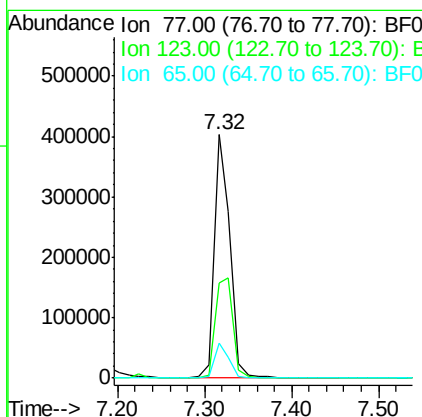
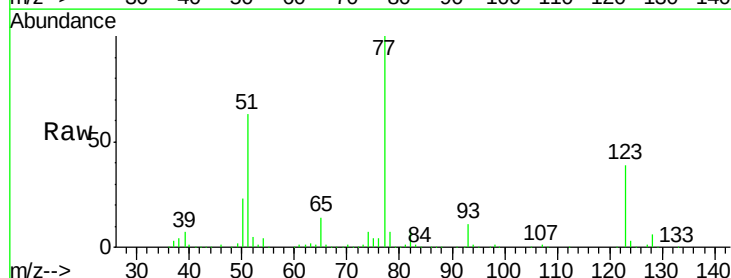
Manual Integrations
 APPROVED

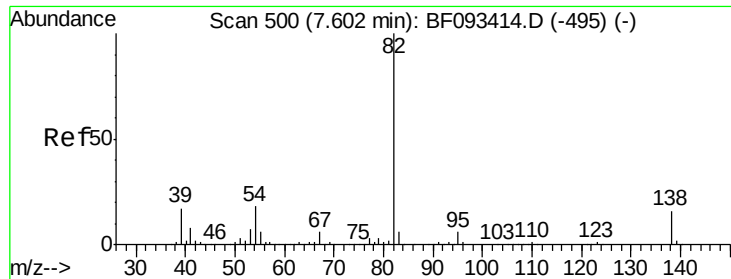
mohammad
 3/15/2017 5:34:38 PM



#24
 Nitrobenzene
 Concen: 34.27 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion: 77 Resp: 504346
 Ion Ratio Lower Upper
 77 100
 123 39.3 33.0 49.4
 65 14.4 11.2 16.8





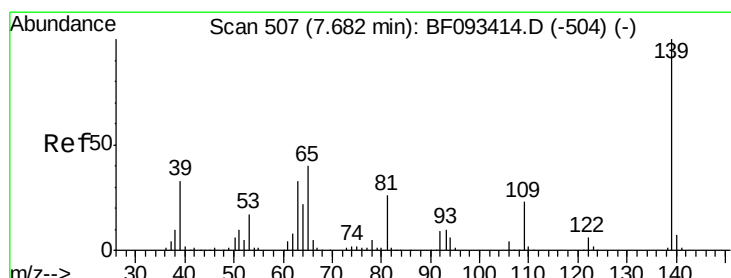
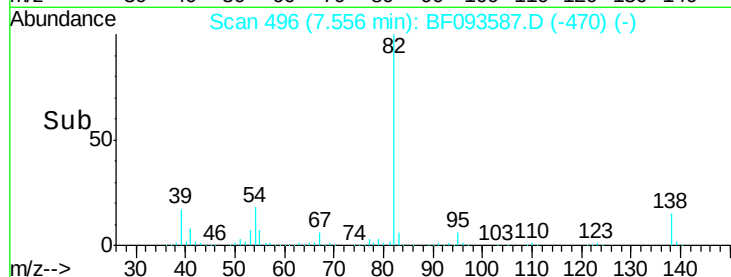
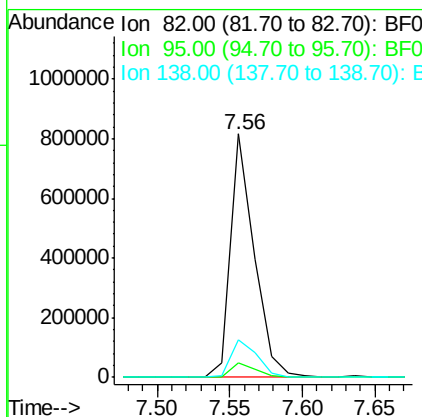
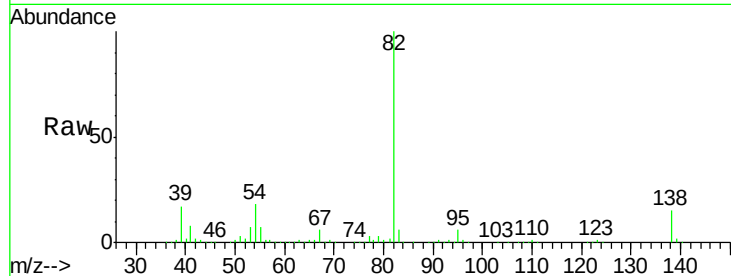
#25
Isophorone
Concen: 35.19 ng
RT: 7.56 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	929029		
95	6.2		5.6	8.4
138	15.4		14.6	22.0

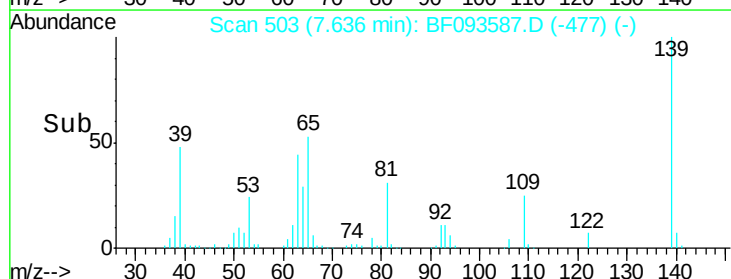
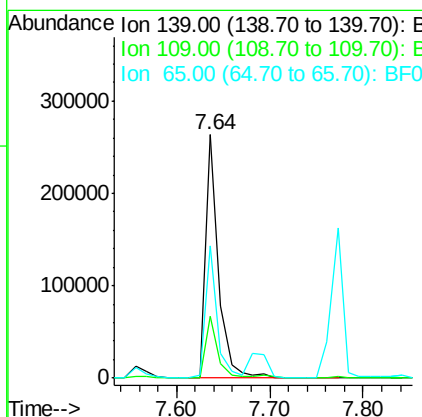
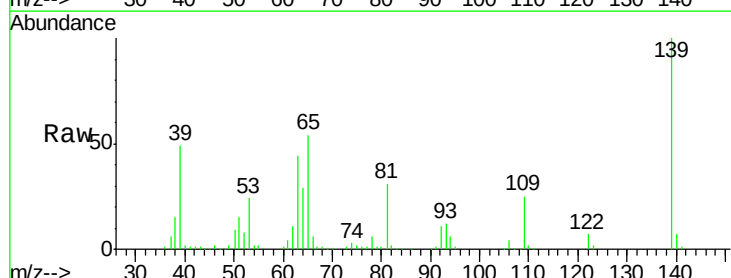
Manual Integrations
APPROVED

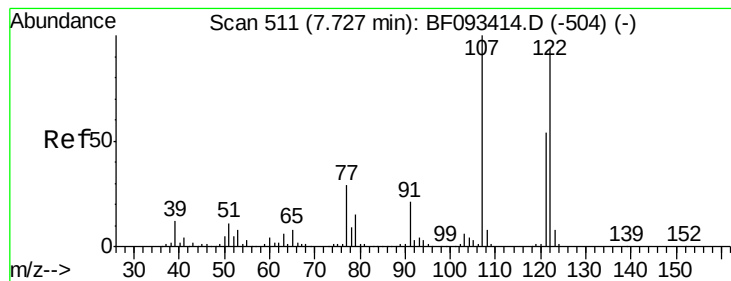
mohammad
3/15/2017 5:34:38 PM



#26
2-Nitrophenol
Concen: 38.16 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	256173		
109	25.2		23.3	34.9
65	54.4		42.7	64.1





#27

2,4-Dimethylphenol

Concen: 34.56 ng

RT: 7.69 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

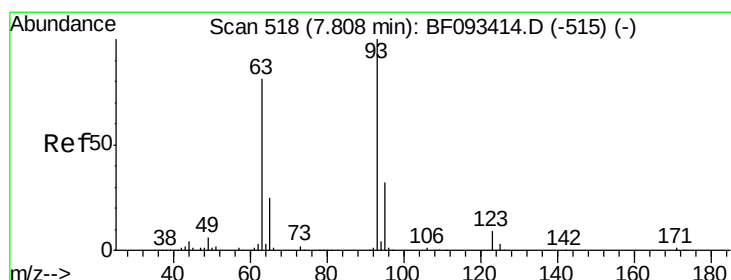
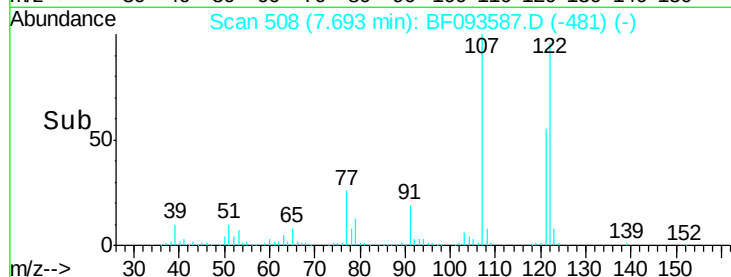
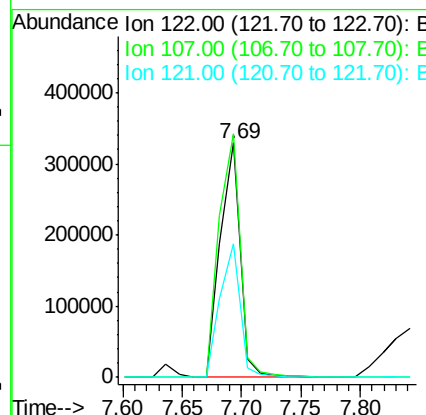
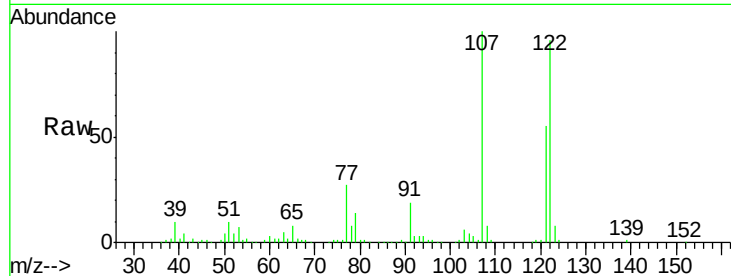
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	377484
Ion Ratio	Lower	Upper	
122	100		
107	104.0	94.1	141.1
121	56.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 39.08 ng

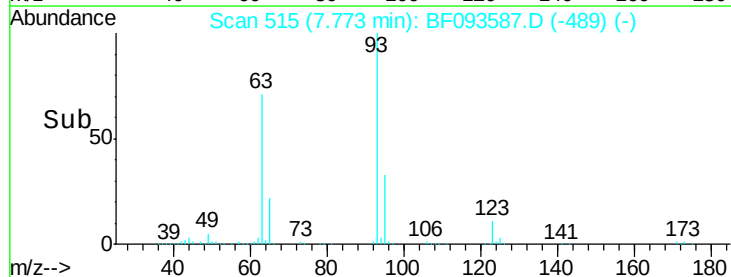
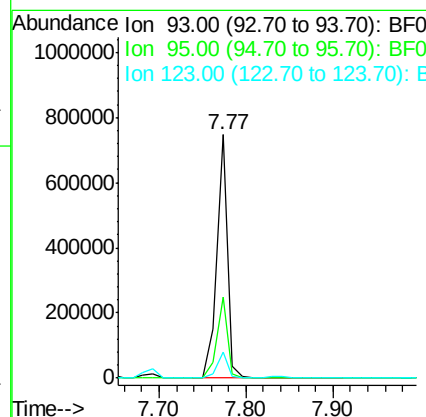
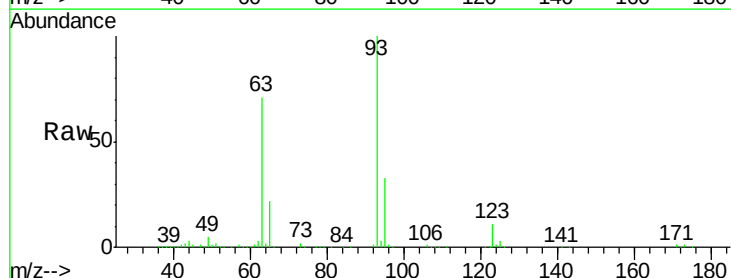
RT: 7.77 min Scan# 515

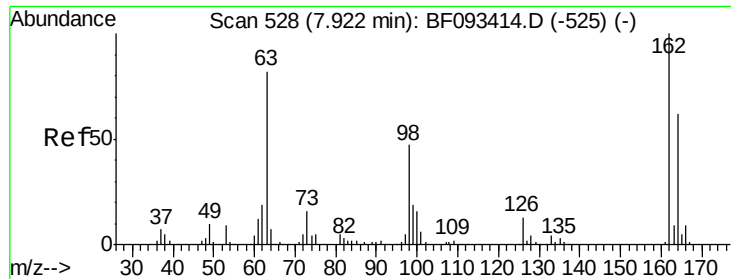
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	93	Resp:	651369
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.7	8.6	13.0





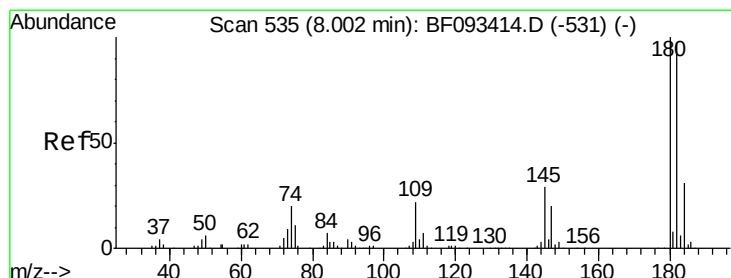
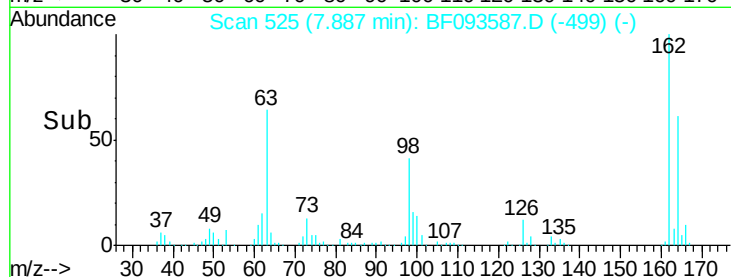
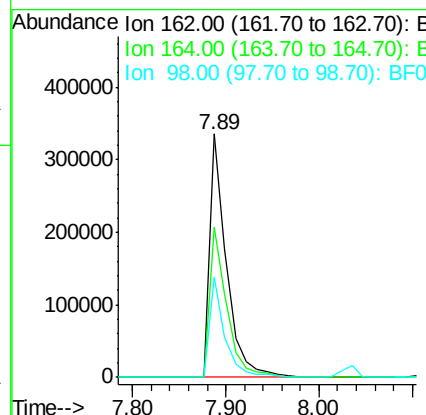
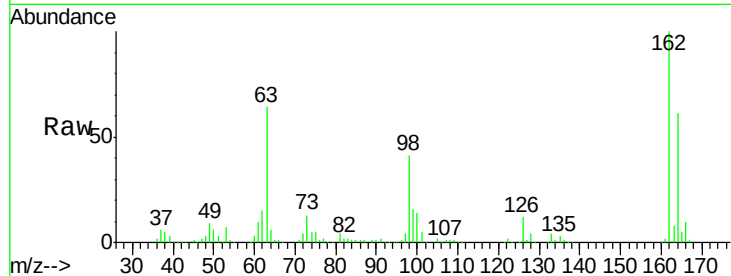
#29
2,4-Dichlorophenol
Concen: 41.02 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	421507		
164	61.4	46.8	86.8	
98	41.4	9.1	49.1	

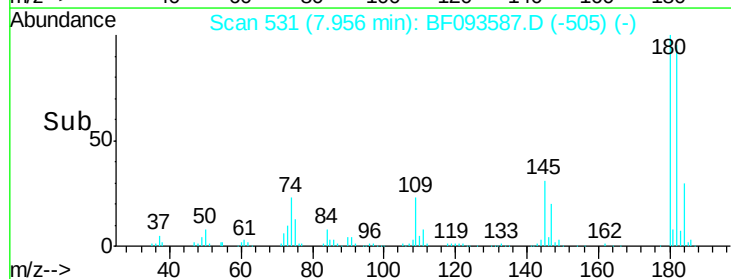
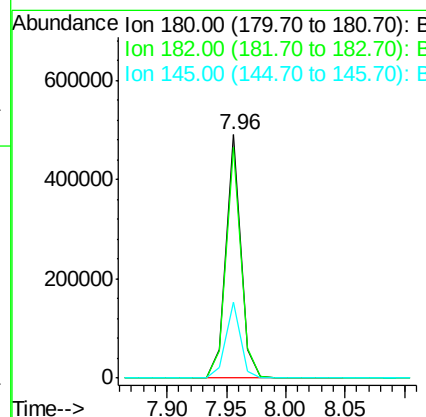
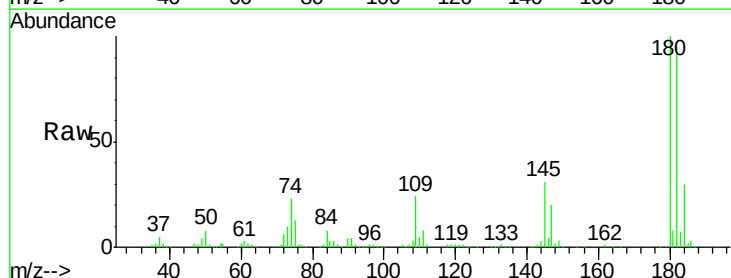
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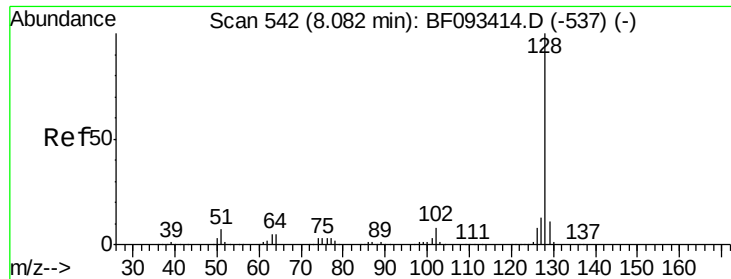
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#30
1,2,4-Trichlorobenzene
Concen: 38.44 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	420035		
182	94.8	78.2	117.4	
145	31.1	21.6	32.4	





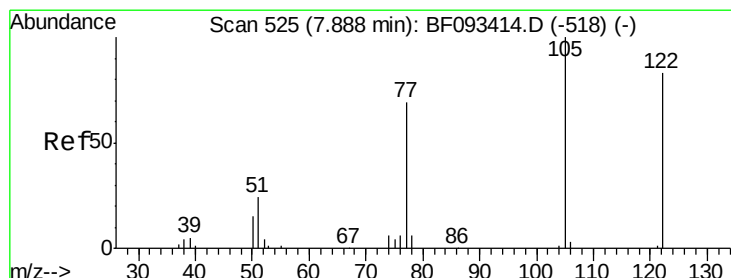
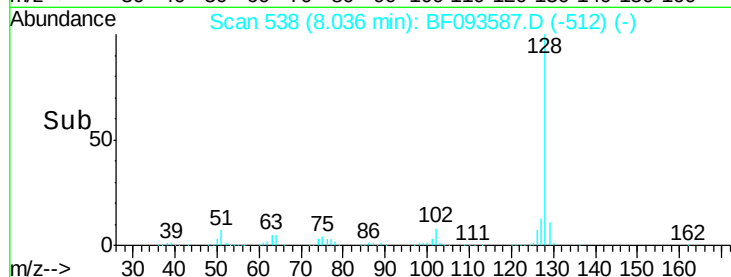
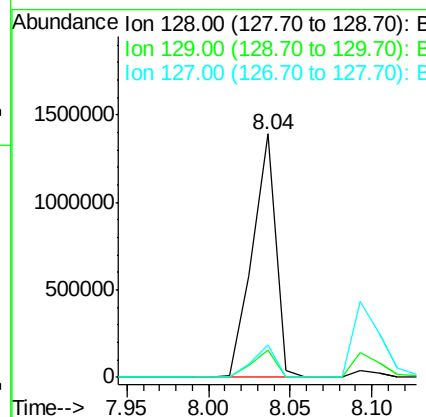
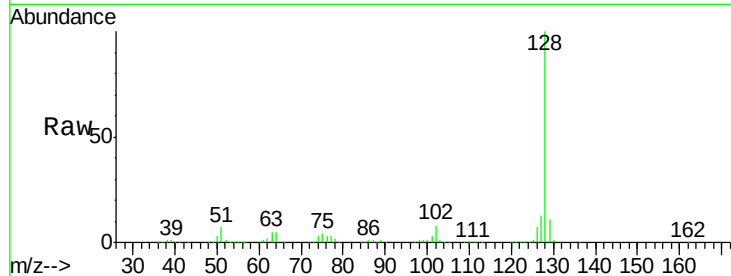
#31
Naphthalene
Concen: 38.45 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1399701
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.5 10.8 16.2

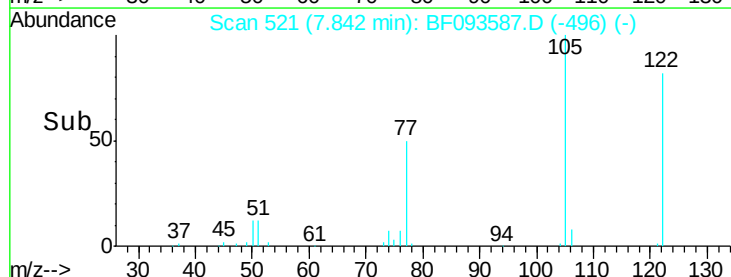
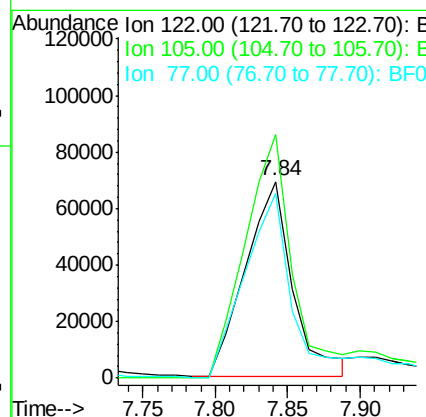
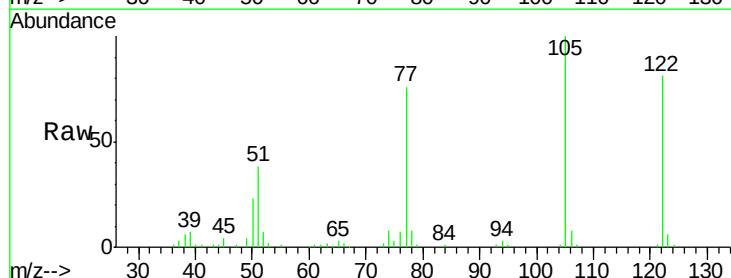
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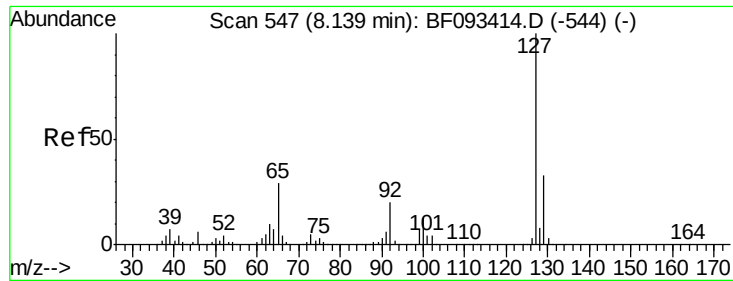
mohammad
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#32
Benzoic acid
Concen: 27.26 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion:122 Resp: 154711
Ion Ratio Lower Upper
122 100
105 124.0 107.2 147.2
77 93.8 74.5 114.5





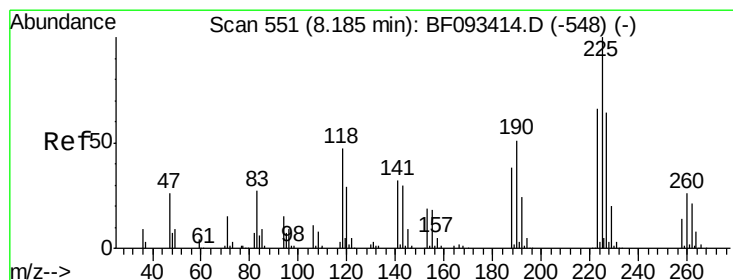
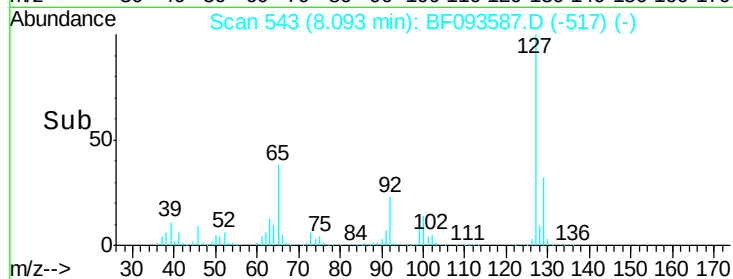
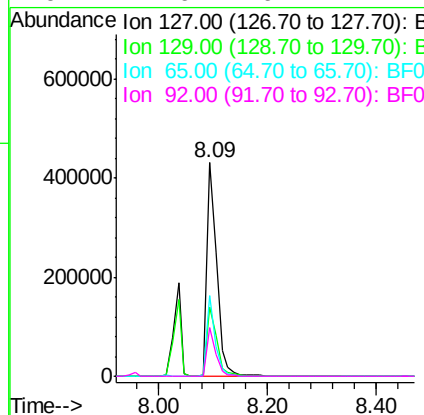
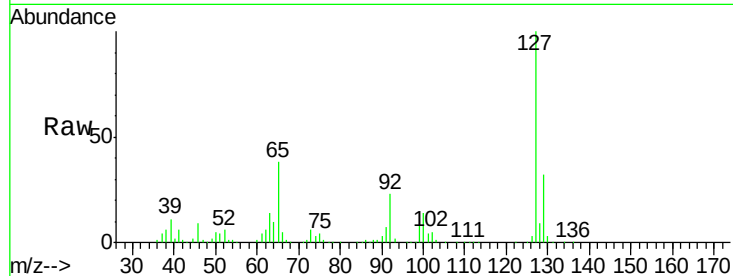
#33
4-Chloroaniline
Concen: 36.25 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	535535		
129	32.4	26.3	39.5	
65	37.8	25.8	38.8	
92	22.6	16.1	24.1	

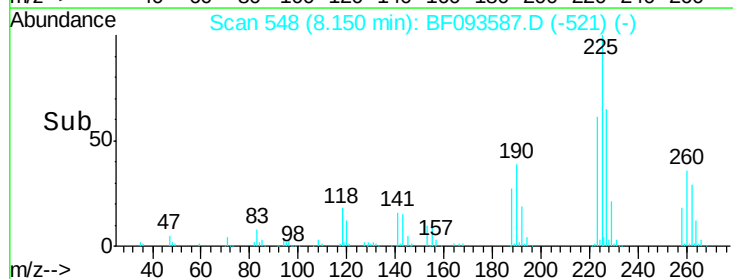
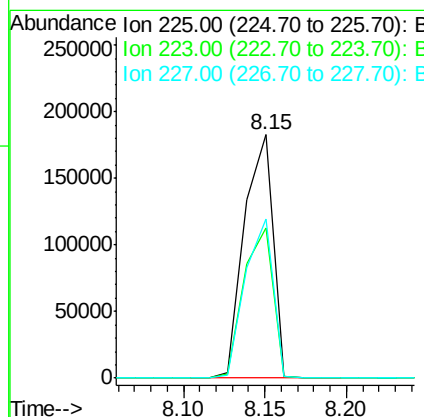
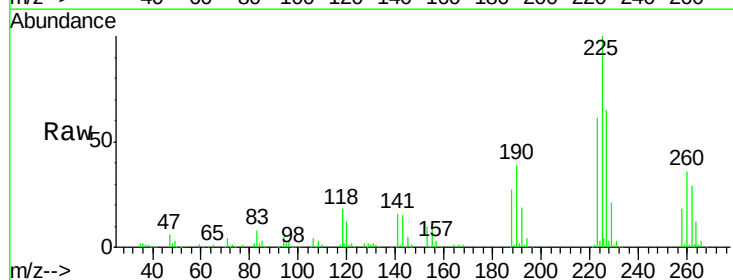
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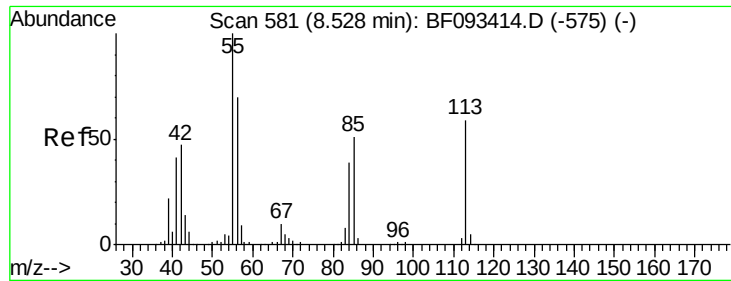
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#34
Hexachlorobutadiene
Concen: 39.33 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221376		
223	61.4	51.0	76.6	
227	65.3	50.6	76.0	





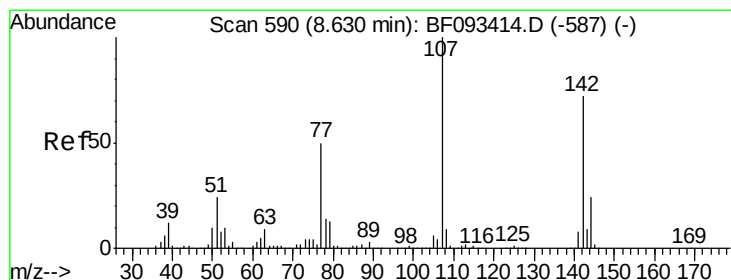
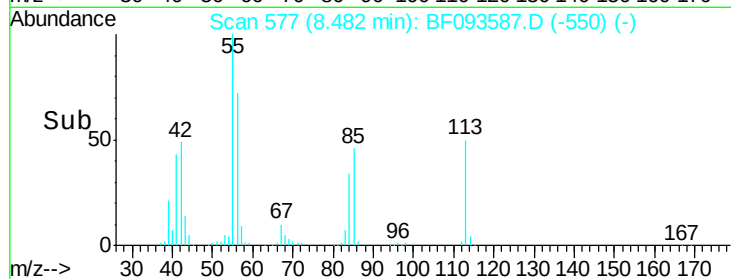
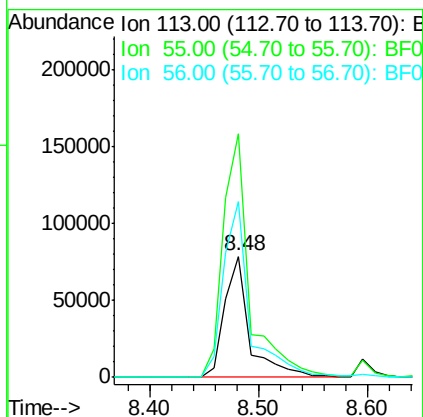
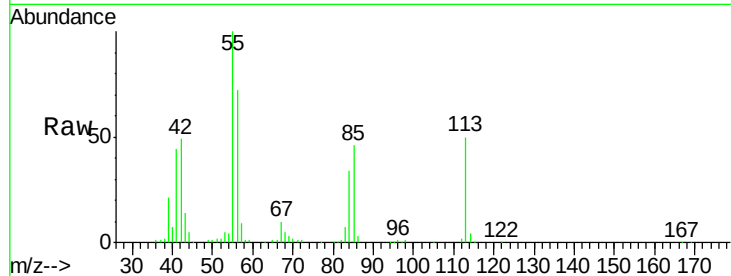
#35
 Caprolactam
 Concen: 35.61 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 124977
 Ion Ratio Lower Upper
 113 100
 55 201.1 119.2 159.2#
 56 144.9 83.8 123.8#

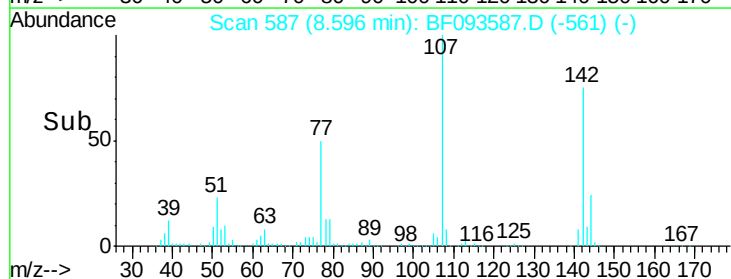
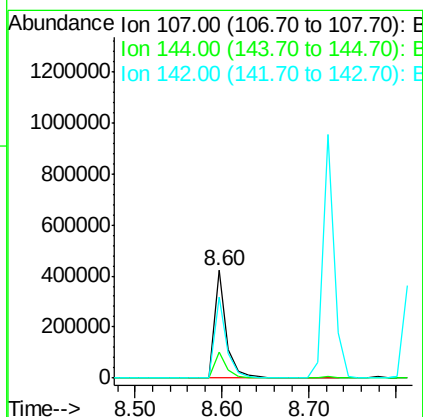
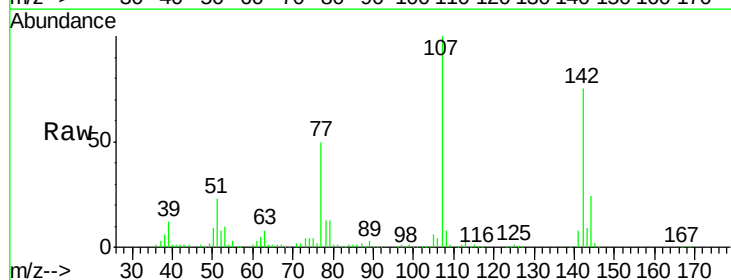
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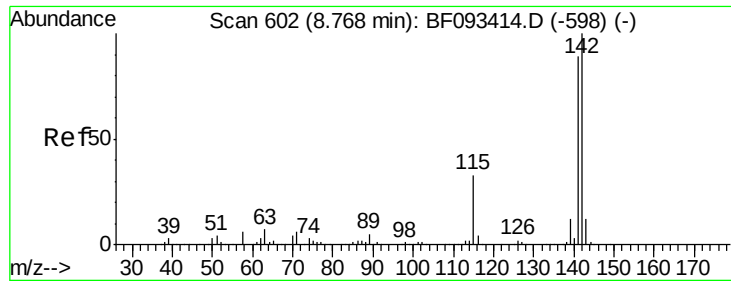
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#36
 4-Chloro-3-methylphenol
 Concen: 37.02 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion:107 Resp: 405948
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.8 59.0 88.6





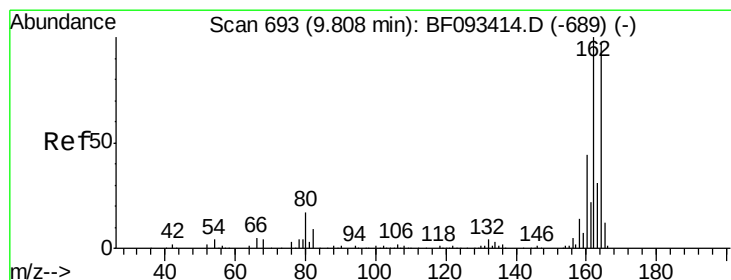
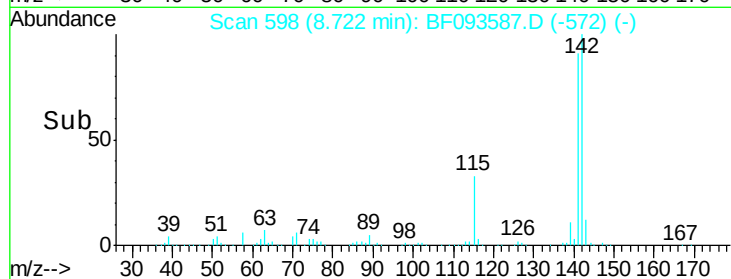
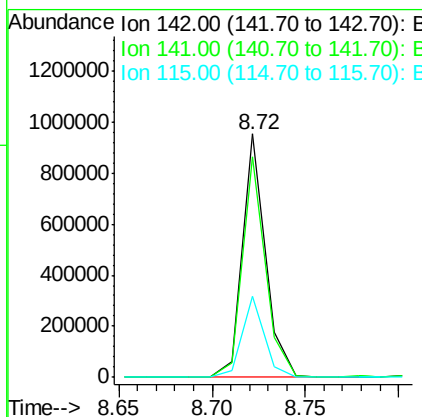
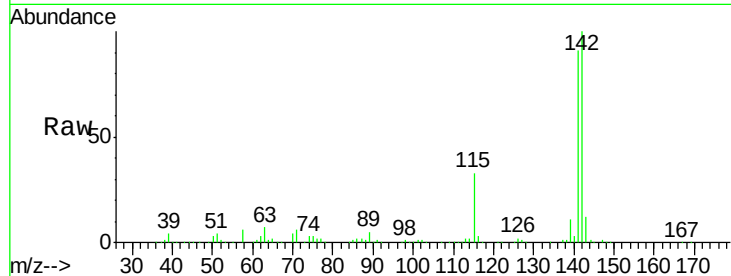
#37
 2-Methylnaphthalene
 Concen: 35.51 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	33.4	28.3	42.5

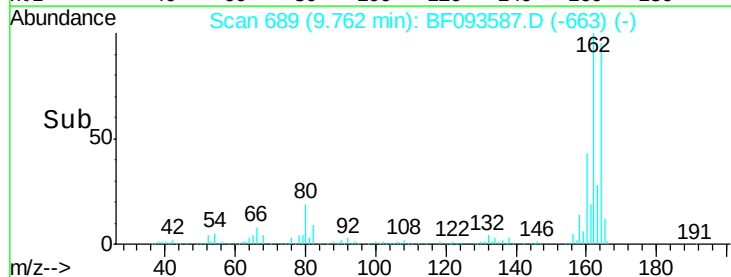
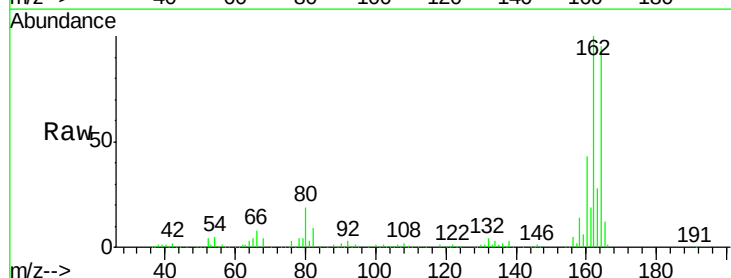
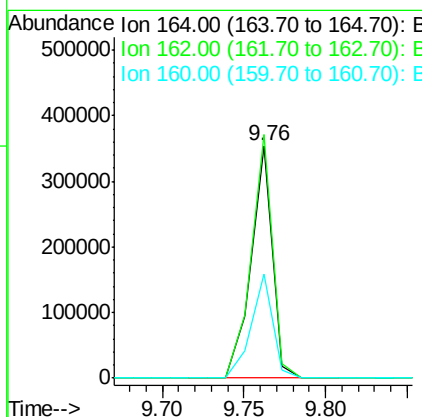
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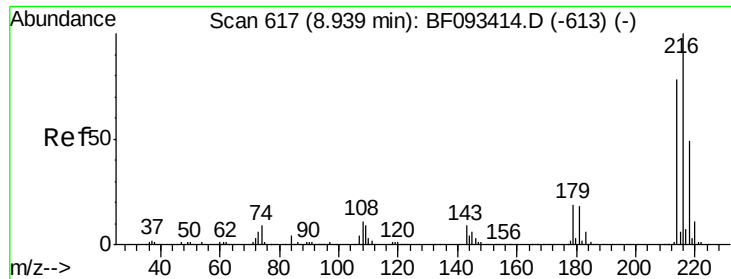
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	44.9	36.9	55.3





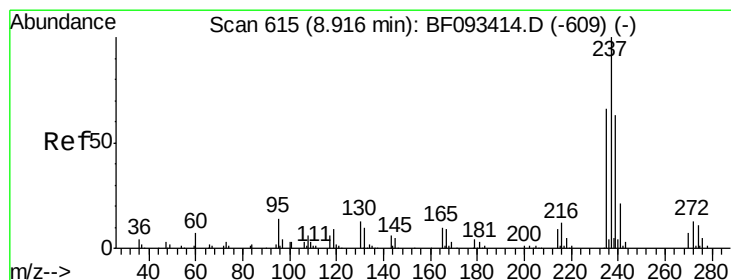
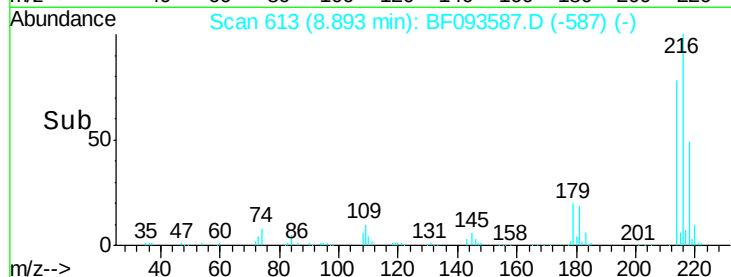
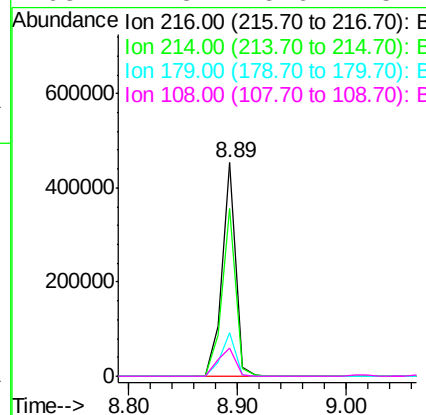
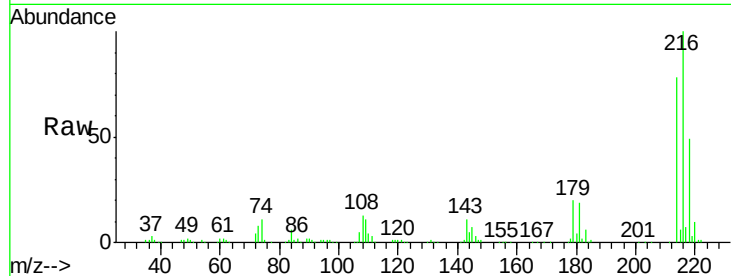
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.75 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	401658		
214	79.0	63.4	95.0	
179	21.5	17.4	26.2	
108	17.3	15.6	23.4	

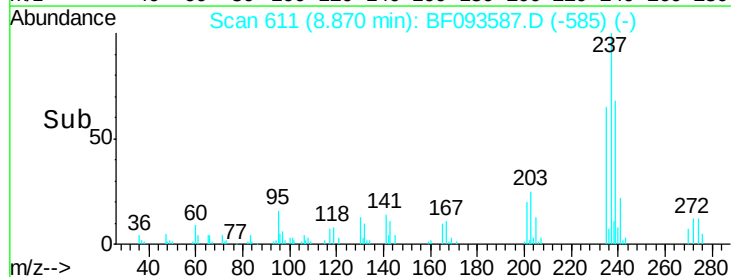
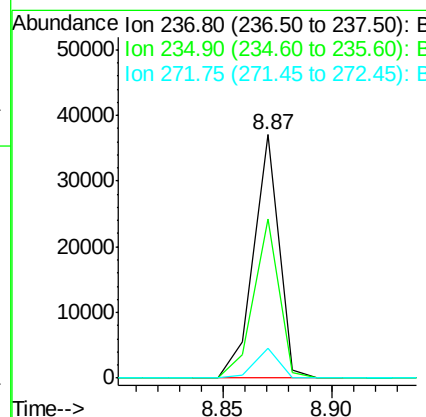
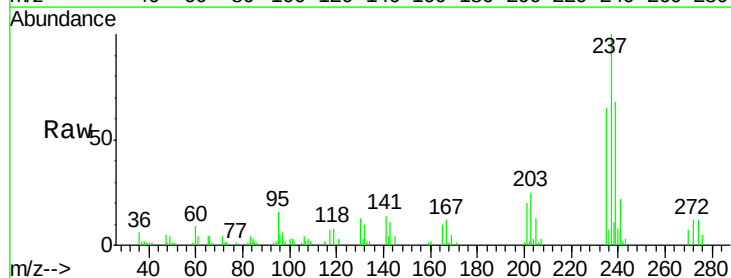
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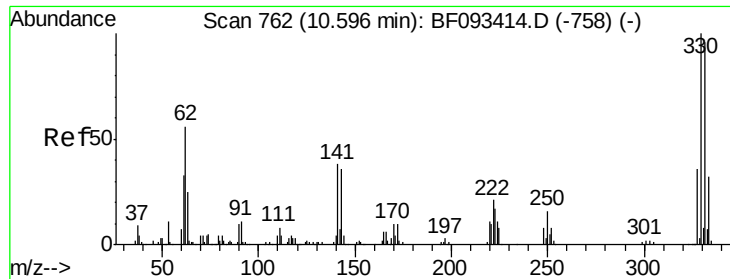
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#40
 Hexachlorocyclopentadiene
 Concen: 23.61 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	30070		
235	65.5	41.2	81.2	
272	12.2	0.0	35.4	





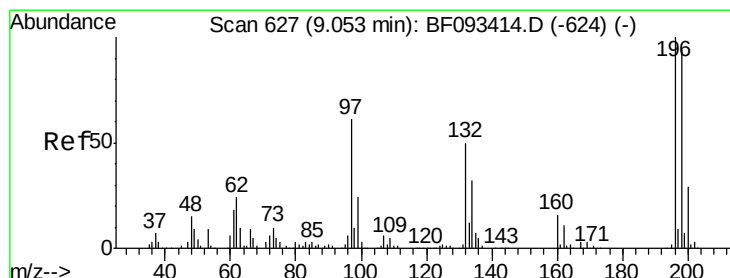
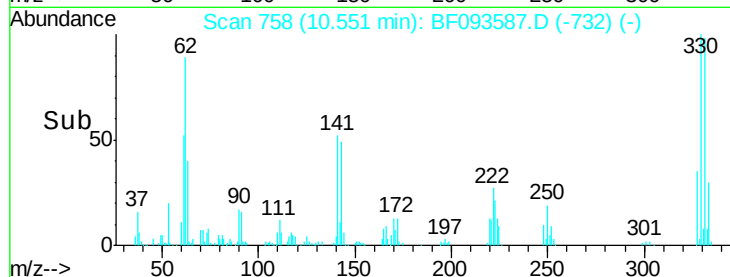
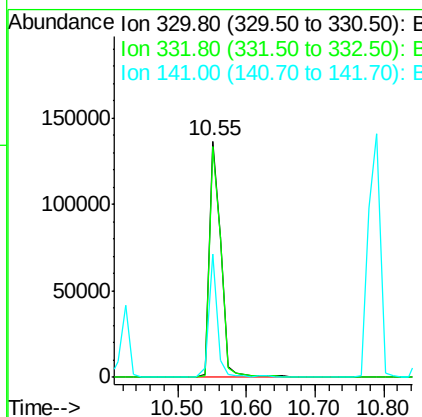
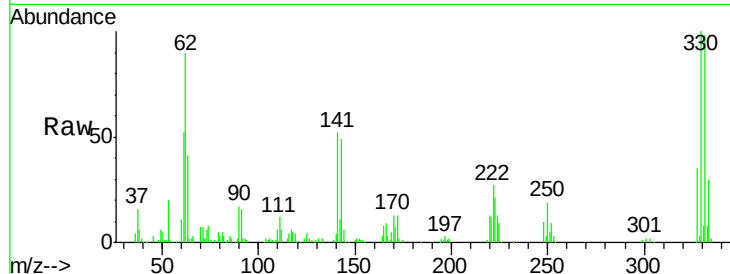
#41
 2,4,6-Tribromophenol
 Concen: 77.15 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	161615		
332	98.5	77.4	116.2	
141	38.1	34.1	51.1	

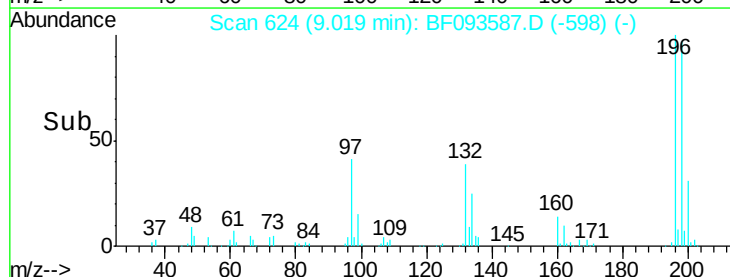
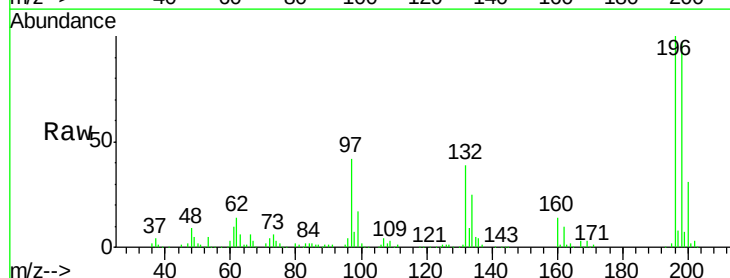
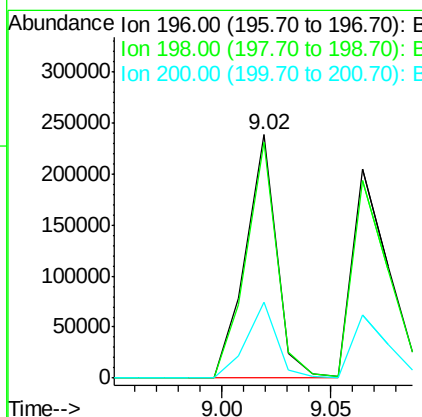
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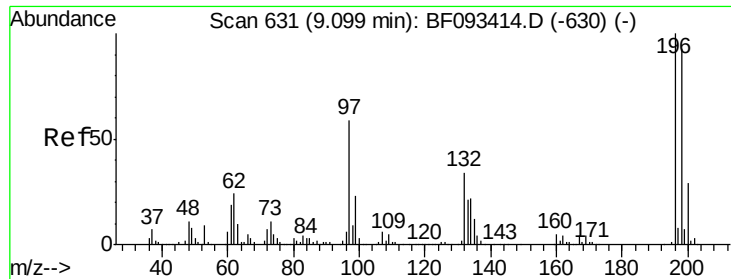
mohammad
 3/15/2017 5:34:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.35 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237821		
198	96.9	82.1	123.1	
200	30.9	27.0	40.4	





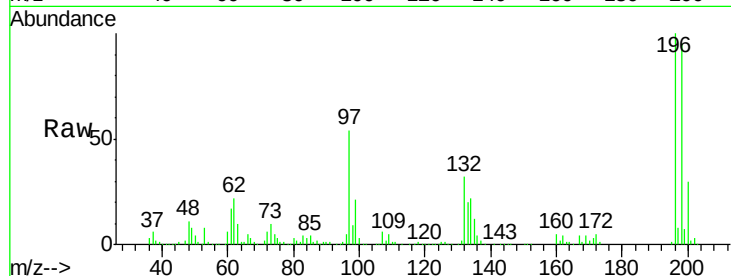
#43
2,4,5-Trichlorophenol
Concen: 43.13 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

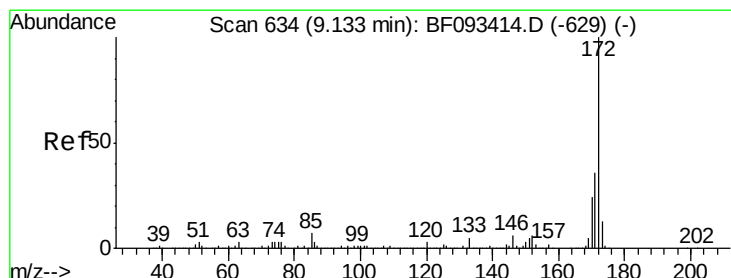
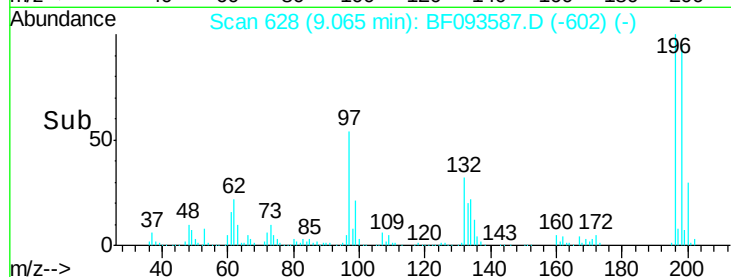
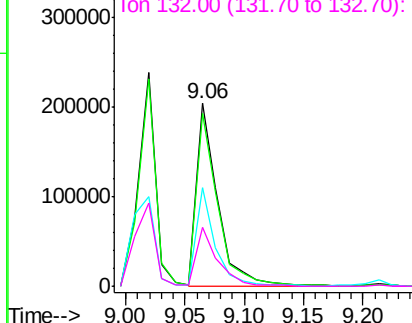
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253881		
198	94.6	79.4	119.2	
97	54.0	51.5	77.3	
132	32.1	27.4	41.2	

Manual Integrations
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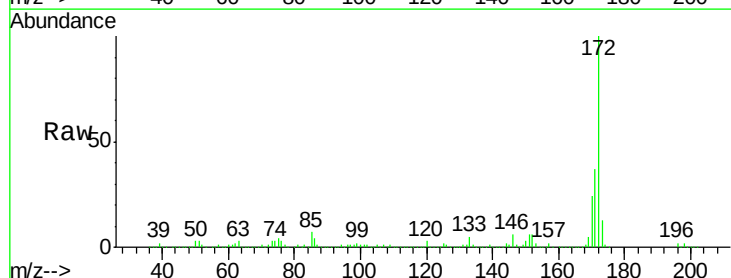


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

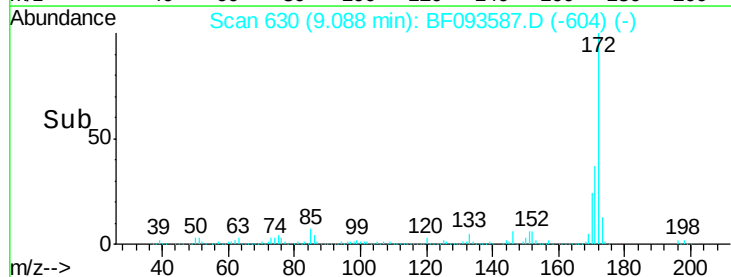
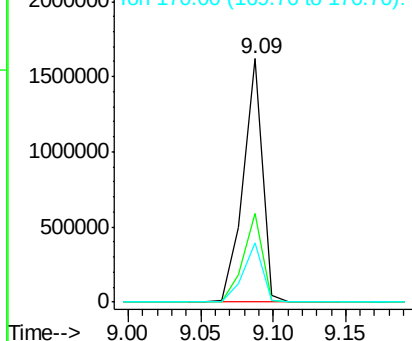


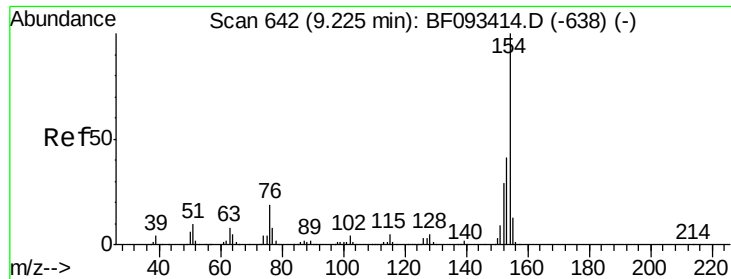
#44
2-Fluorobiphenyl
Concen: 86.72 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1499143		
171	36.7	29.4	44.0	
170	24.5	20.2	30.4	



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





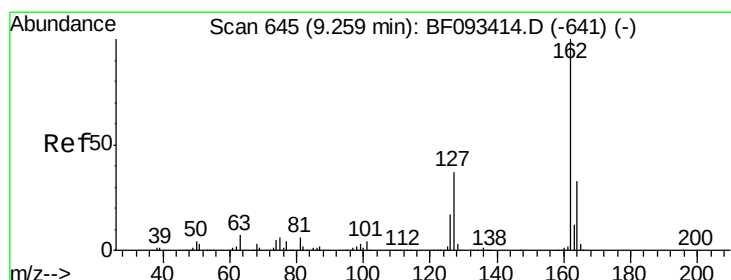
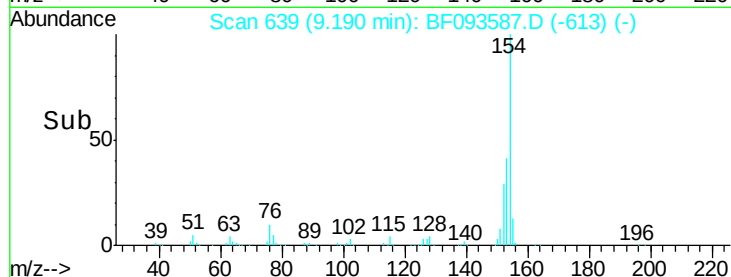
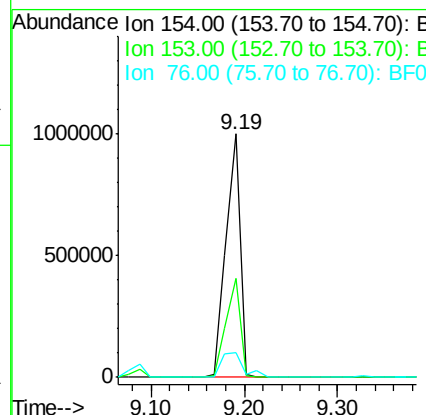
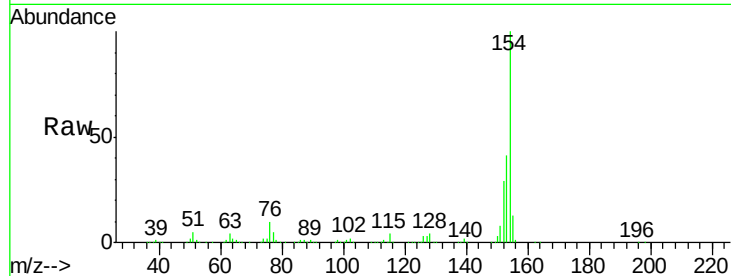
#45
 1,1'-Biphenyl
 Concen: 44.87 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	10.0	0.0	30.5

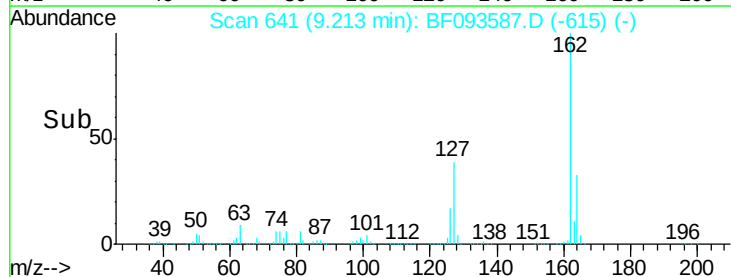
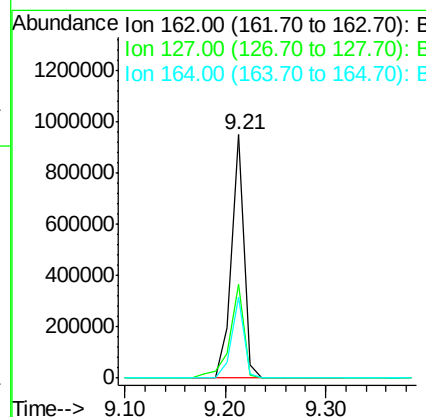
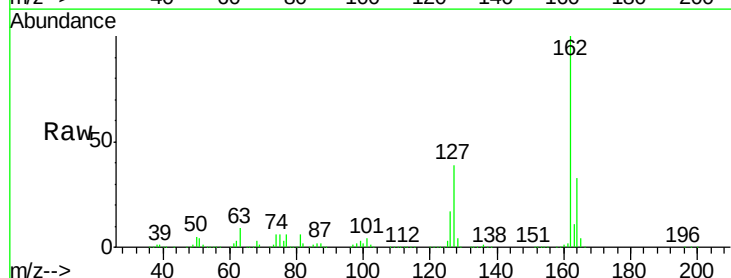
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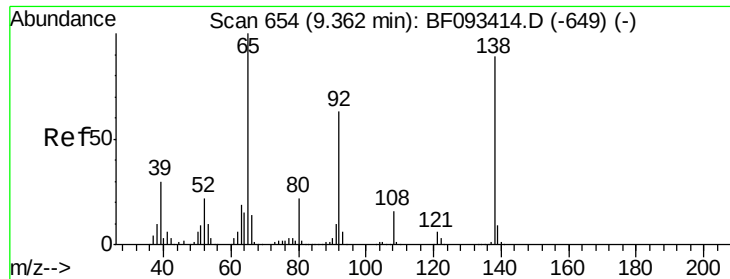
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#46
 2-Chloronaphthalene
 Concen: 46.37 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.7	46.1
164	33.2	27.6	41.4





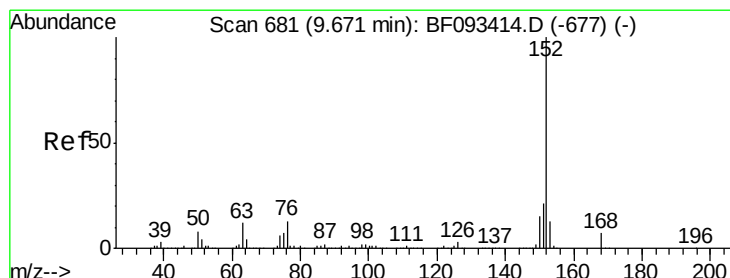
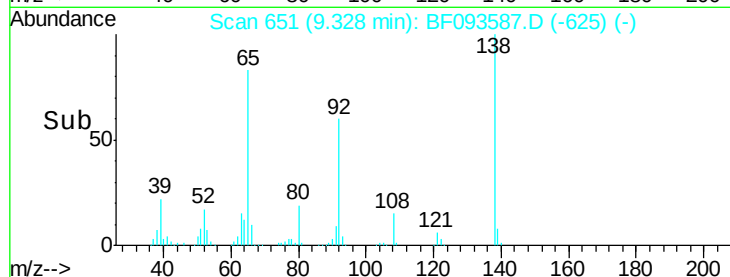
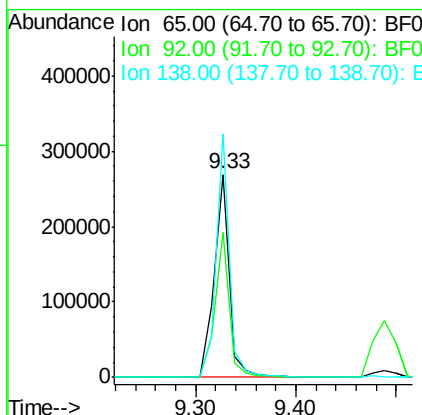
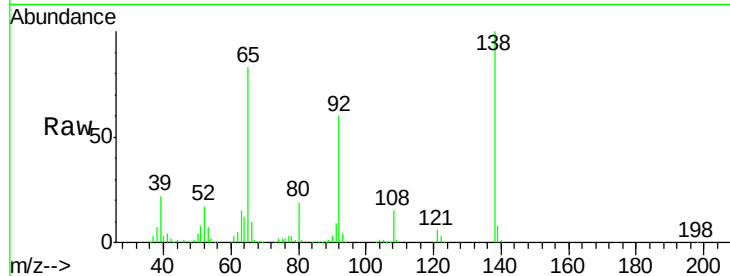
#47
2-Nitroaniline
Concen: 44.43 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	119.8	76.8	115.2

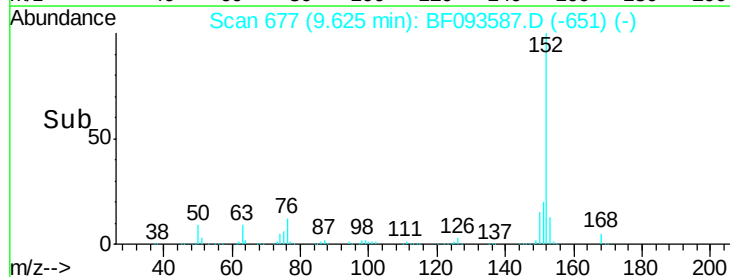
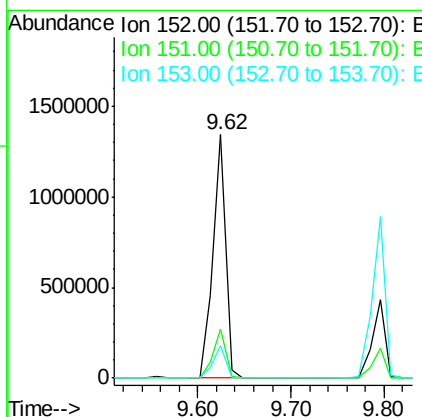
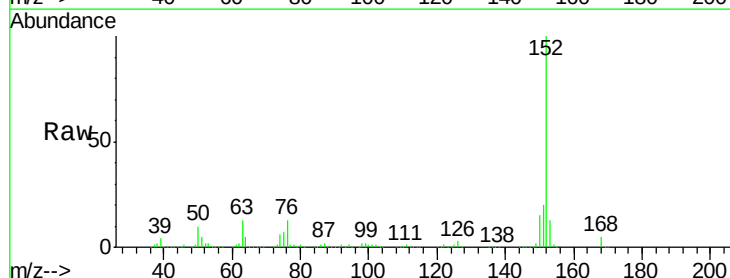
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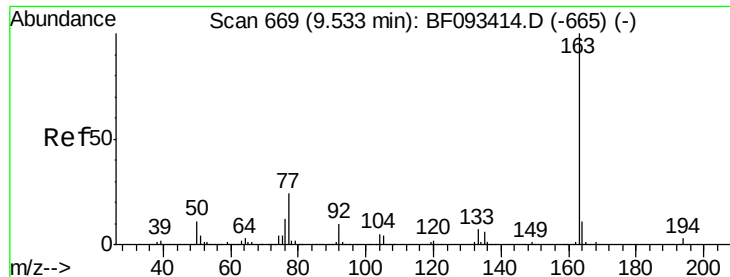
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#48
Acenaphthylene
Concen: 43.06 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.1	11.4	17.2





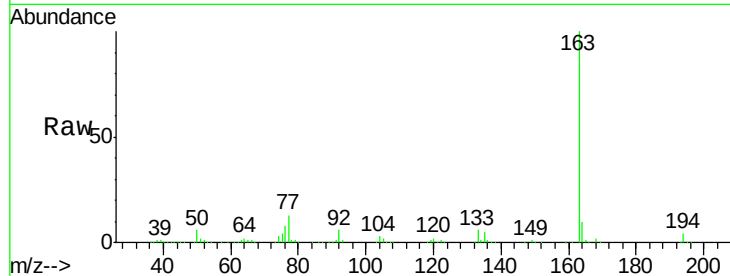
#49
Dimethylphthalate
Concen: 43.56 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

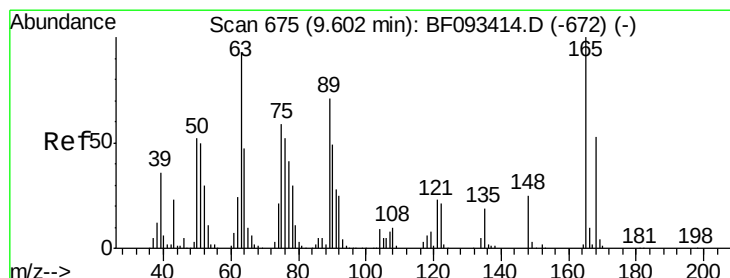
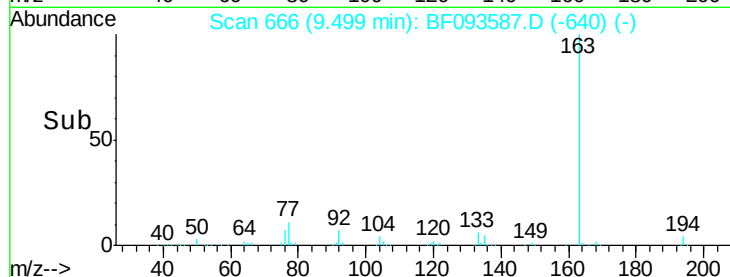
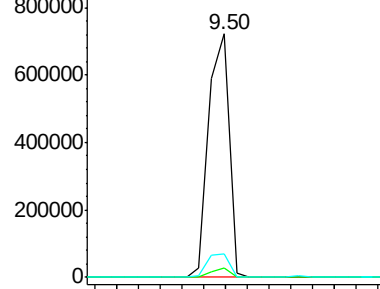
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.0	12.0

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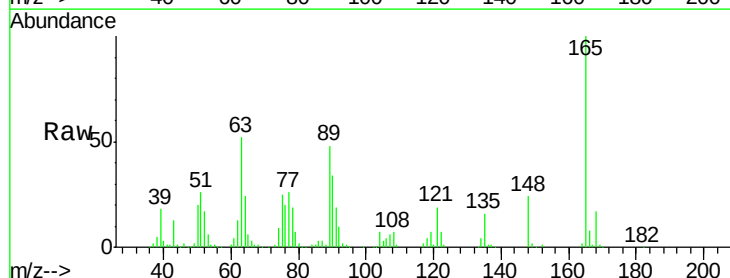


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

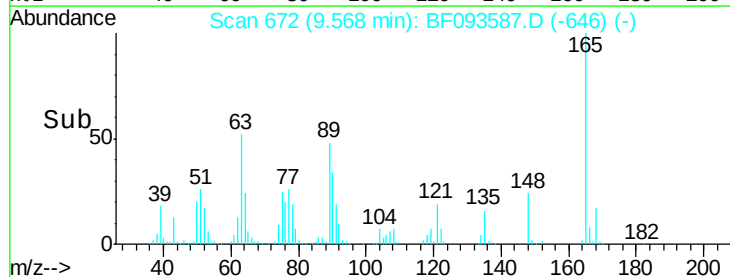
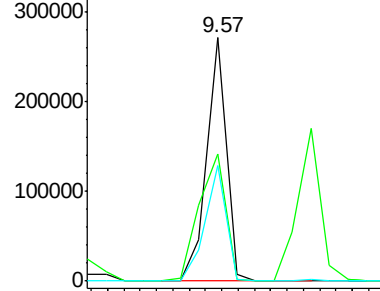


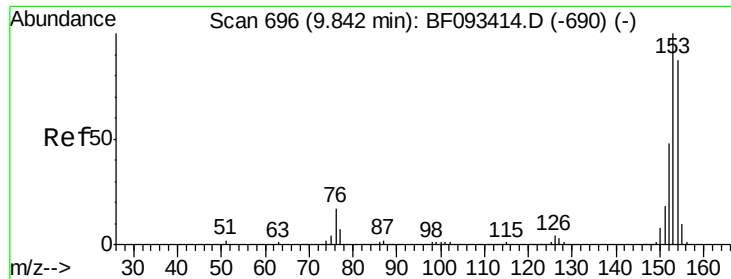
#50
2,6-Dinitrotoluene
Concen: 47.64 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.5	36.2	54.4
89	47.6	40.2	60.4



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: 43.42 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093587.D

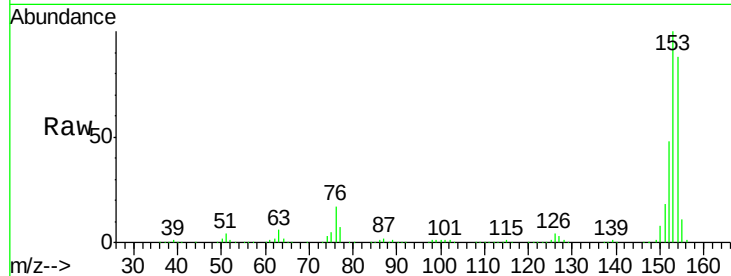
Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

ClientSampleId :

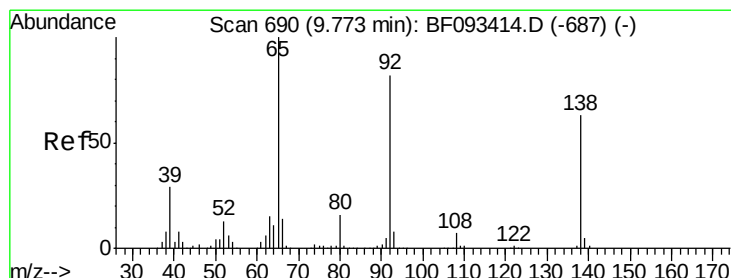
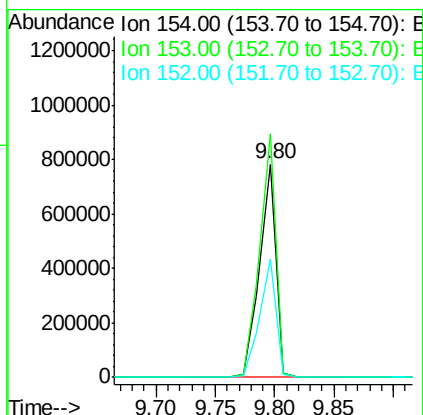
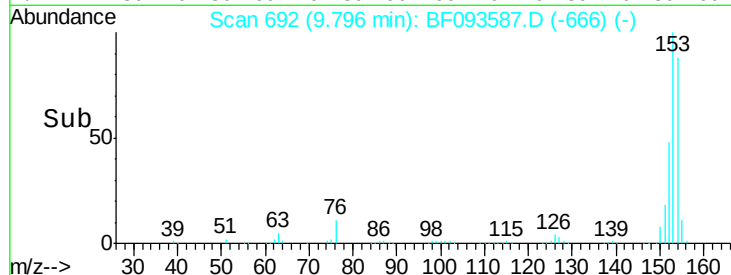
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Tgt	Ion	Ratio	Lower	Upper
154	100			
153	114.2	88.6	133.0	
152	55.1	41.6	62.4	

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#52

3-Nitroaniline

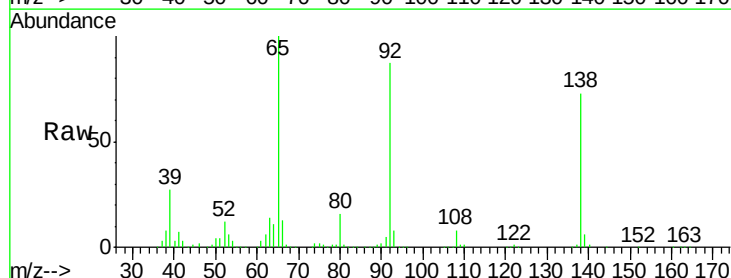
Concen: 41.67 ng

RT: 9.74 min Scan# 687

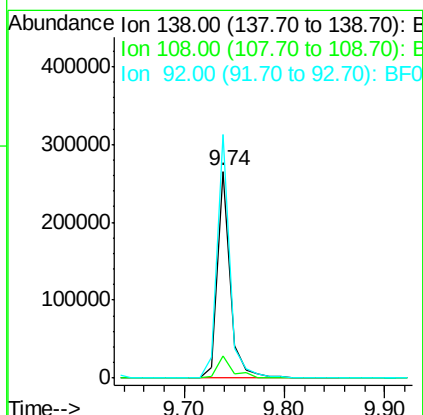
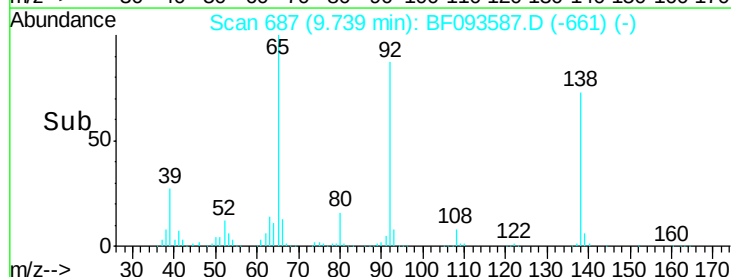
Delta R.T. -0.00 min

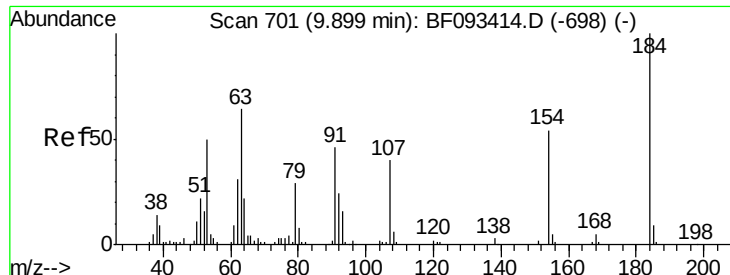
Lab File: BF093587.D

Acq: 12 Mar 2017 3:31



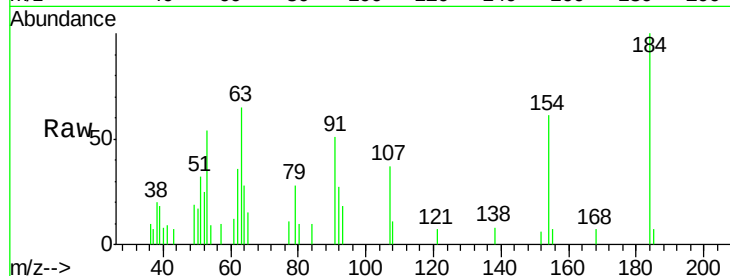
Tgt	Ion	Ratio	Lower	Upper
138	100			
108	10.9	8.5	12.7	
92	117.8	97.8	146.8	





#53
2,4-Dinitrophenol
Concen: 6.92 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

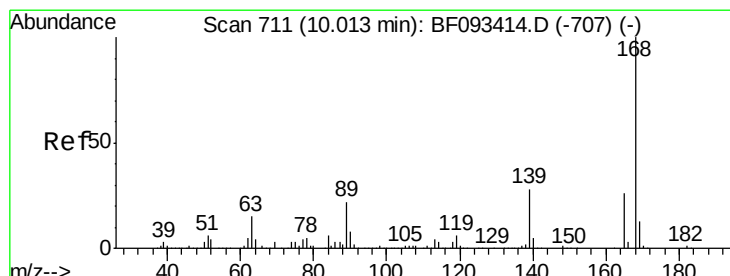
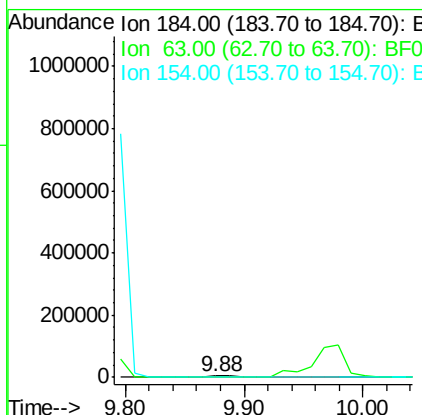
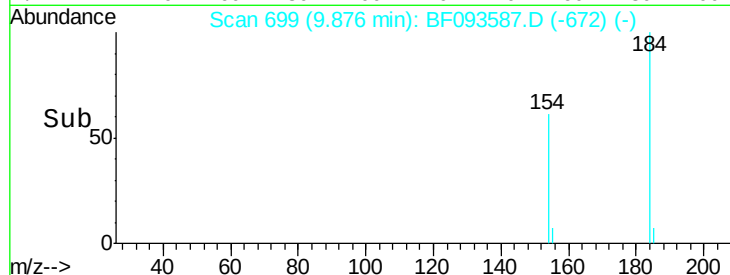
Instrument :
BNA_F
ClientSampled :
SSTDCCC040



Tgt Ion:184 Resp: 14740
Ion Ratio Lower Upper
184 100
63 64.8 28.4 42.6#
154 60.6 44.3 66.5

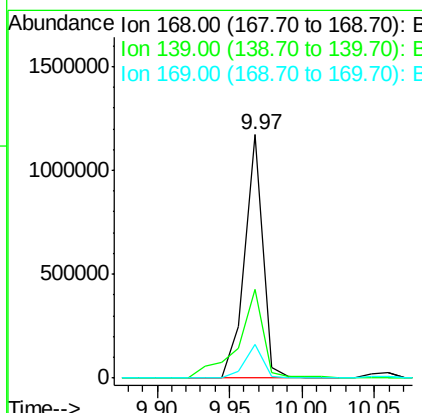
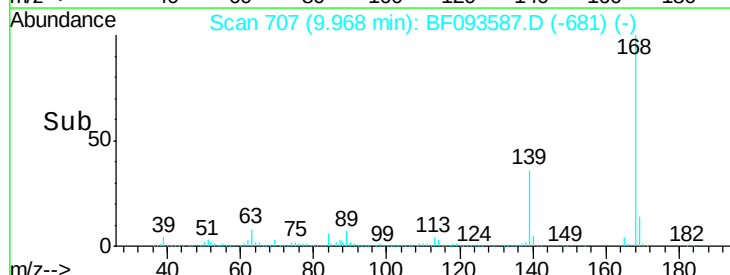
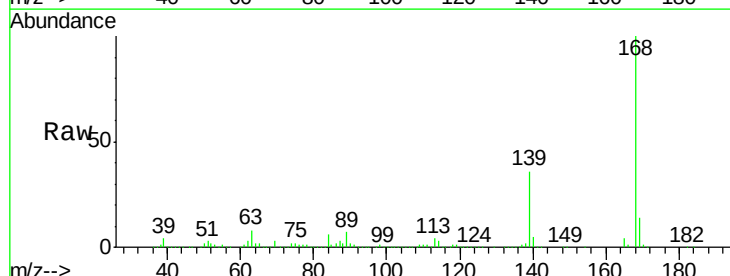
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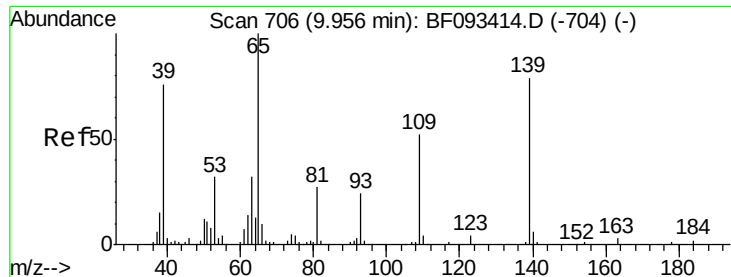
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#54
Dibenzofuran
Concen: 46.54 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion:168 Resp: 1018673
Ion Ratio Lower Upper
168 100
139 36.2 32.6 49.0
169 13.8 11.3 16.9





#55

4-Nitrophenol

Concen: 33.93 ng m

RT: 9.94 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

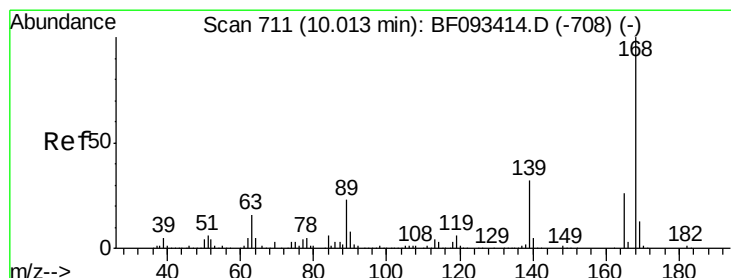
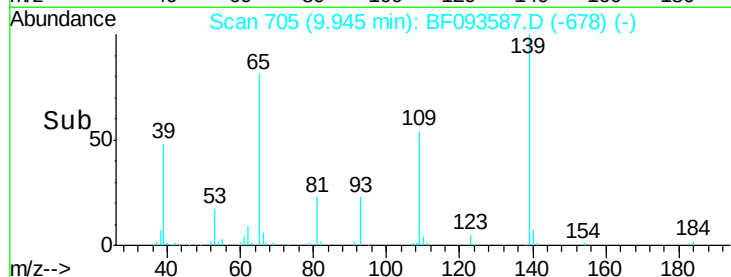
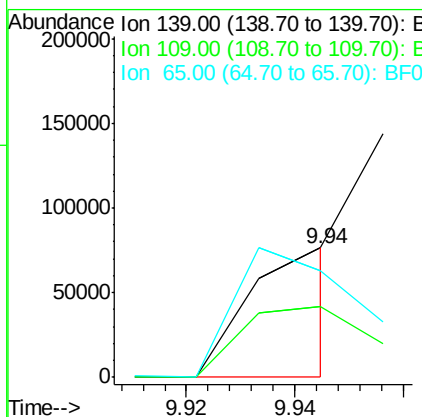
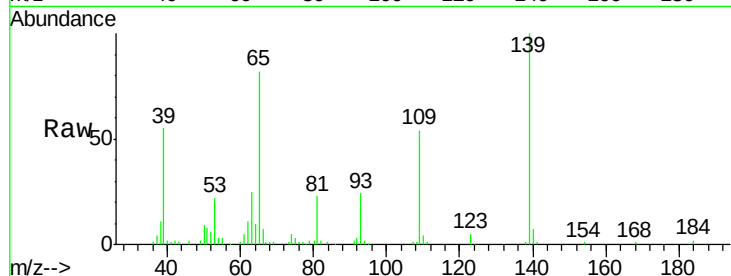
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	92603
Ion Ratio	Lower	Upper	
139	100		
109	54.4	52.2	92.2
65	82.1	85.8	125.8#

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#56

2,4-Dinitrotoluene

Concen: 45.03 ng

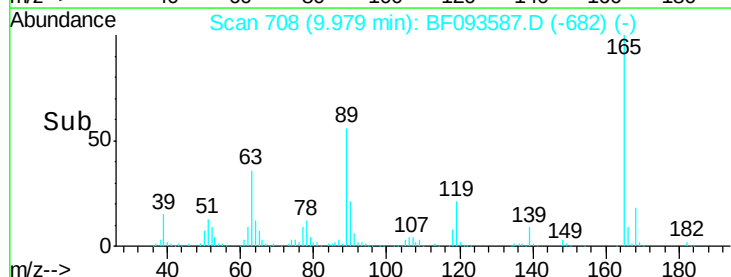
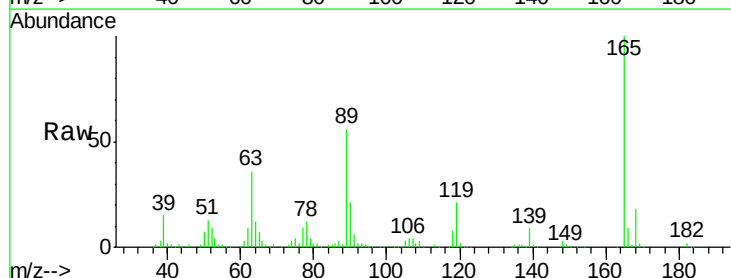
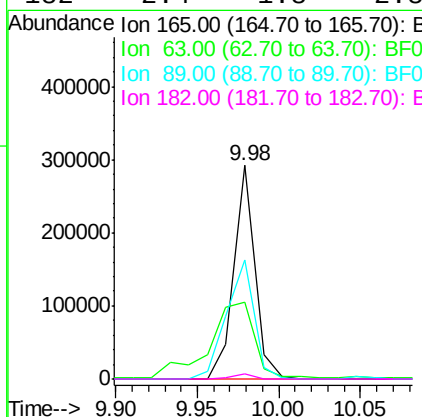
RT: 9.98 min Scan# 708

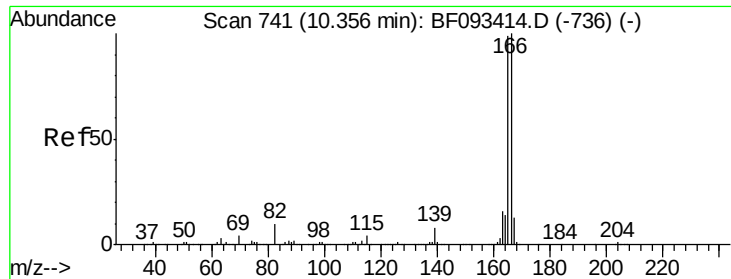
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	165	Resp:	258742
Ion Ratio	Lower	Upper	
165	100		
63	35.7	40.2	60.4#
89	55.7	62.5	93.7#
182	2.4	1.8	2.8





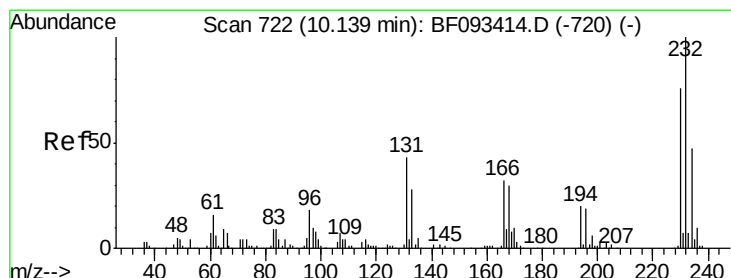
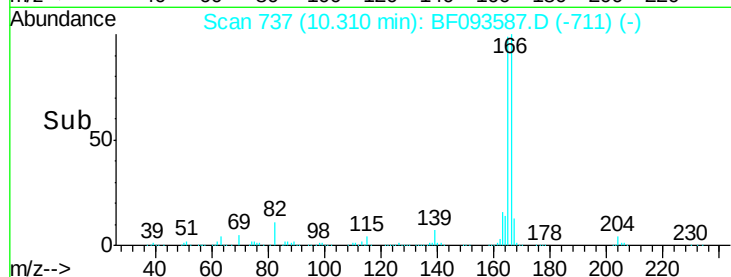
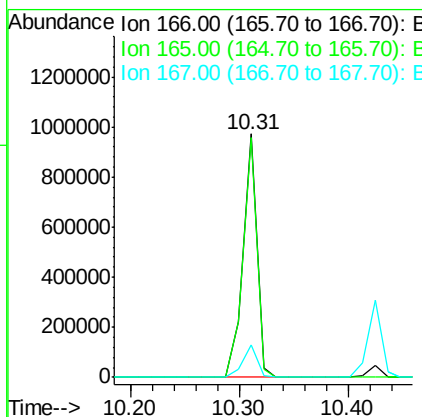
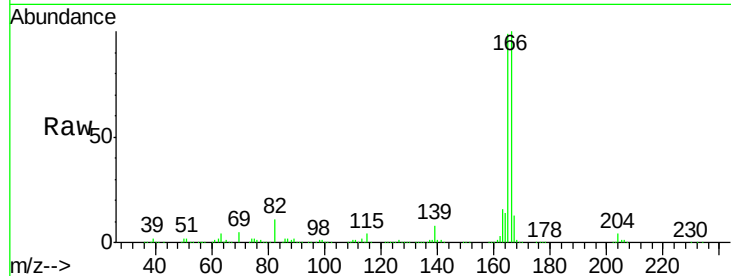
#57
 Fluorene
 Concen: 45.99 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	853001		
165	98.6	77.8	116.8	
167	13.2	10.8	16.2	

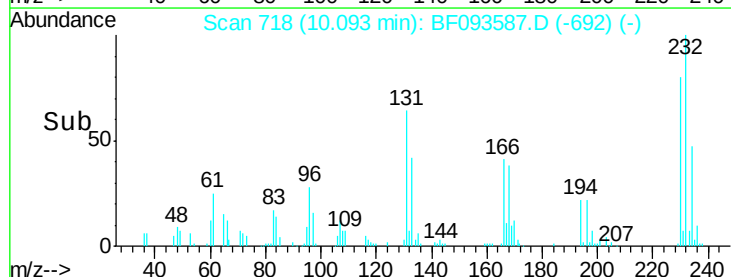
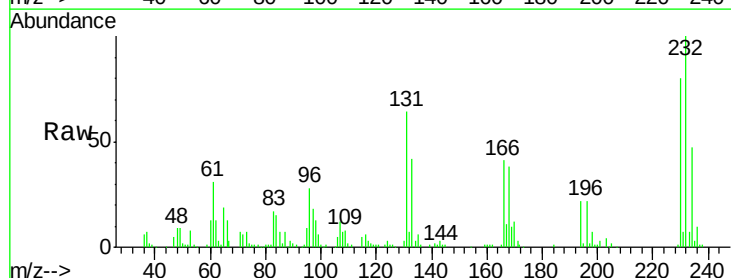
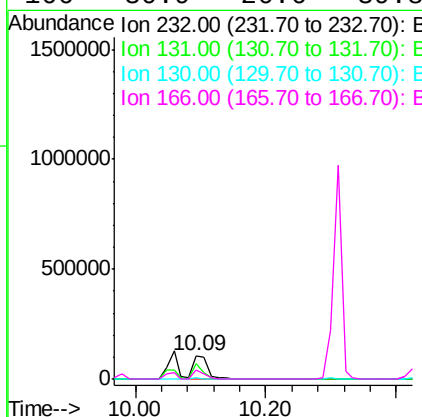
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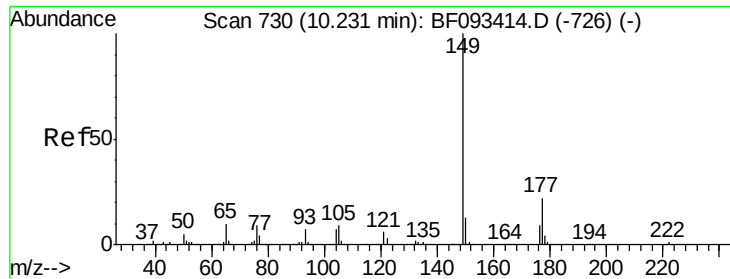
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.67 ng
 RT: 10.09 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	160650		
231	46.0	40.1	60.1	
130	2.0	1.8	2.8	
166	30.9	26.6	39.8	





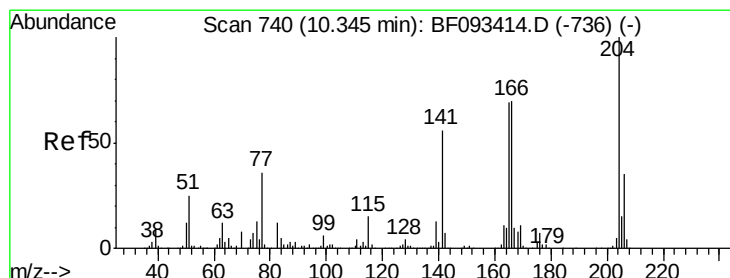
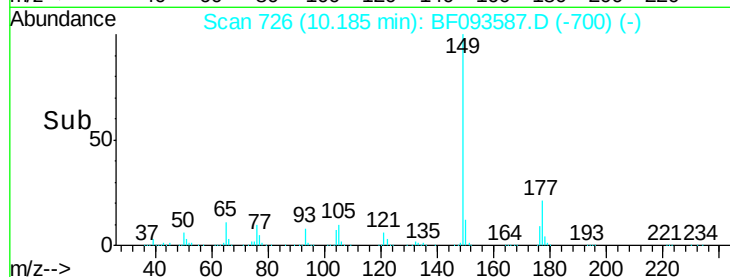
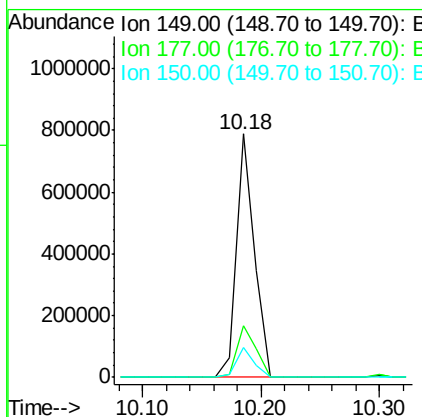
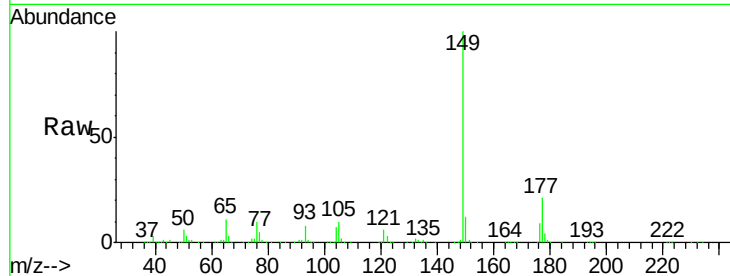
#59
Diethylphthalate
Concen: 40.58 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	25.0
150	12.5	10.4	15.6

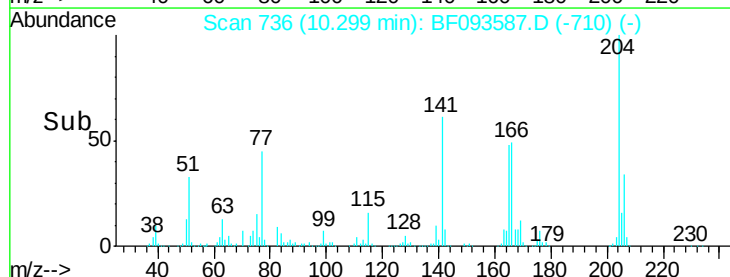
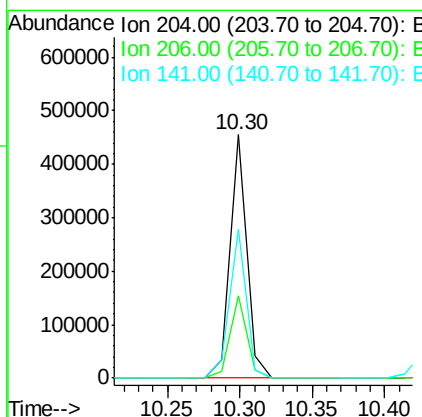
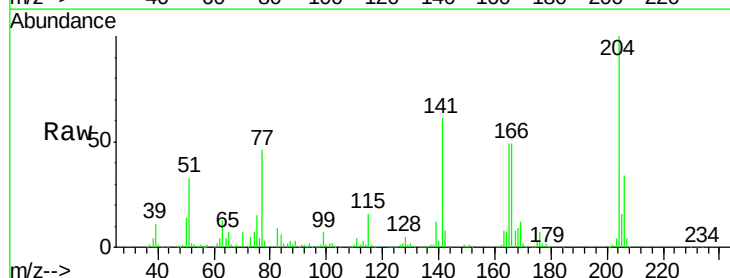
Manual Integrations
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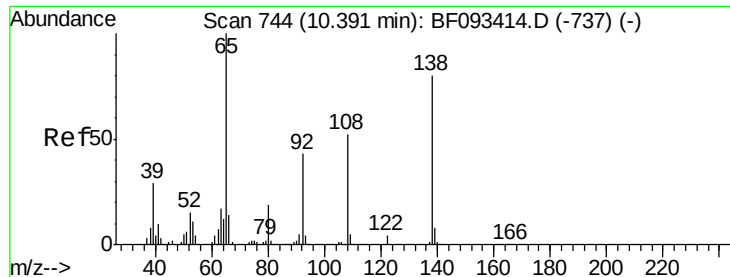
mohammad
3/15/2017 5:34:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.06 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.6
141	61.2	59.4	89.0





#61

4-Nitroaniline

Concen: 37.35 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

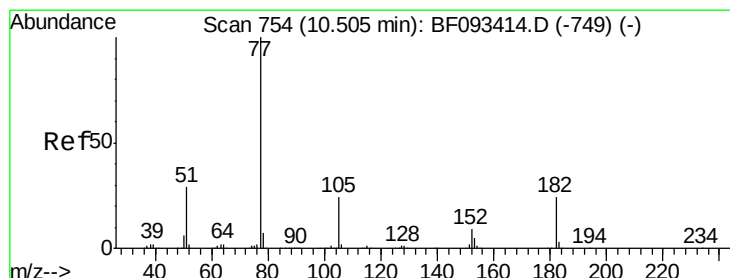
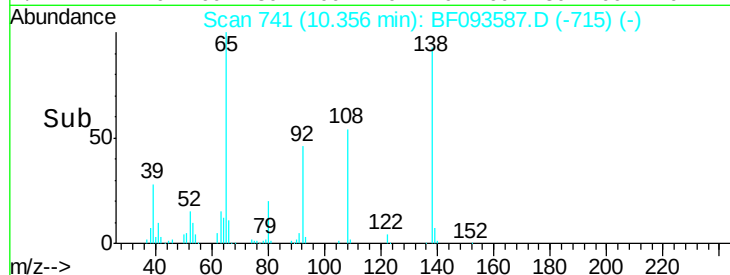
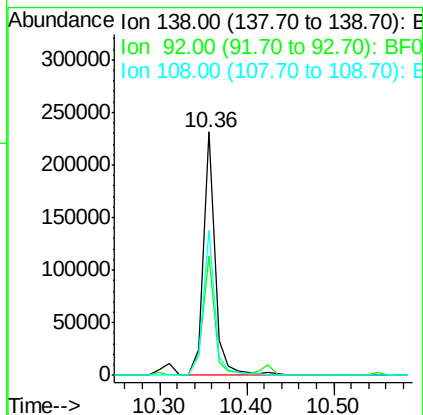
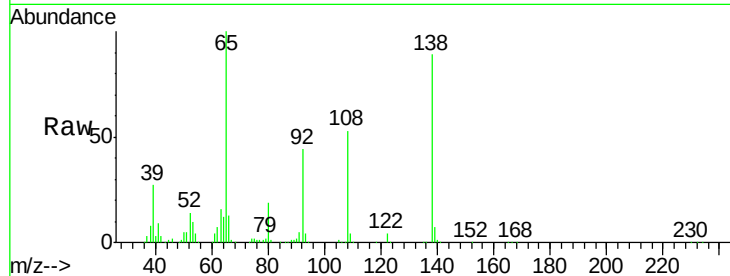
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	214645
Ion Ratio	Lower	Upper	
138	100		
92	48.9	31.7	71.7
108	59.5	52.6	92.6

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#62

Azobenzene

Concen: 39.26 ng

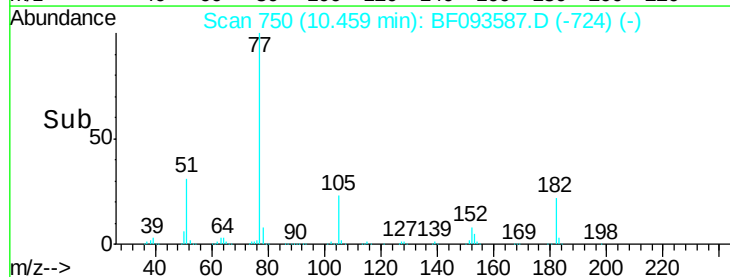
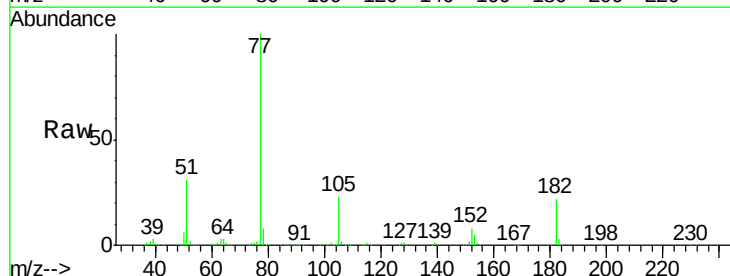
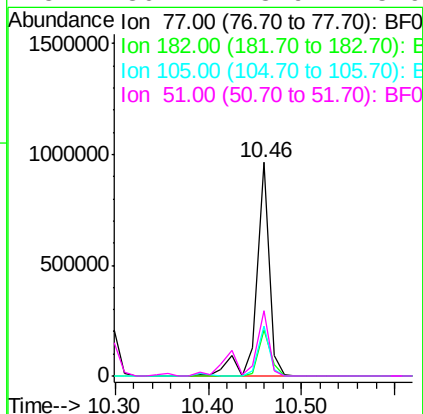
RT: 10.46 min Scan# 750

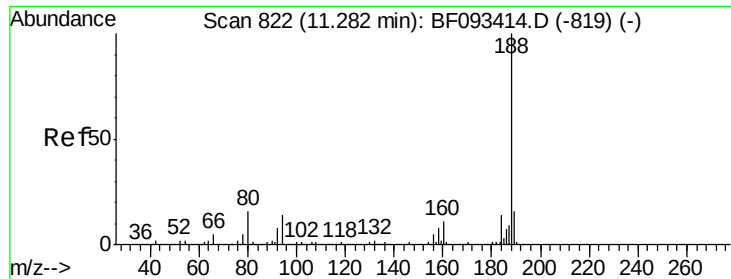
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	77	Resp:	908900
Ion Ratio	Lower	Upper	
77	100		
182	21.6	0.0	39.3
105	23.4	2.3	42.3
51	30.7	8.9	48.9





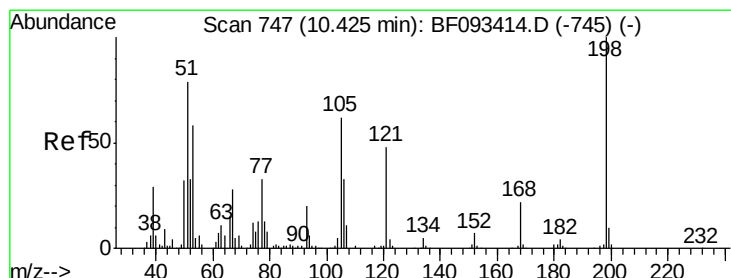
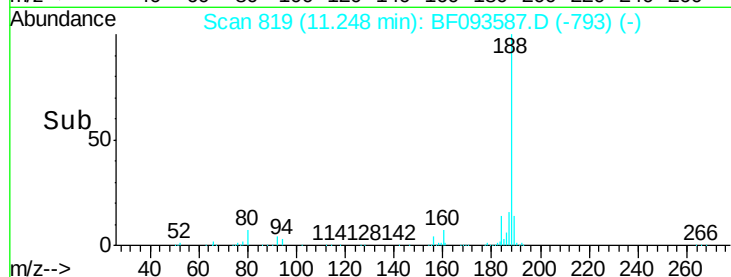
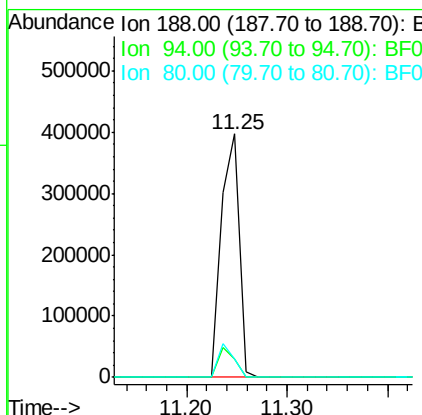
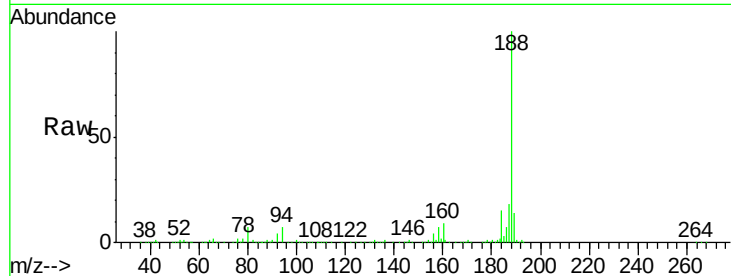
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	490262		
94	7.3	10.0	15.0#	
80	7.4	11.2	16.8#	

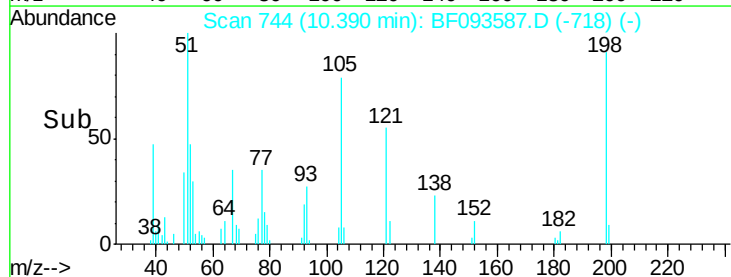
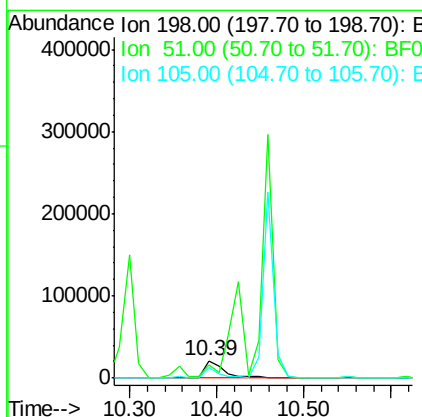
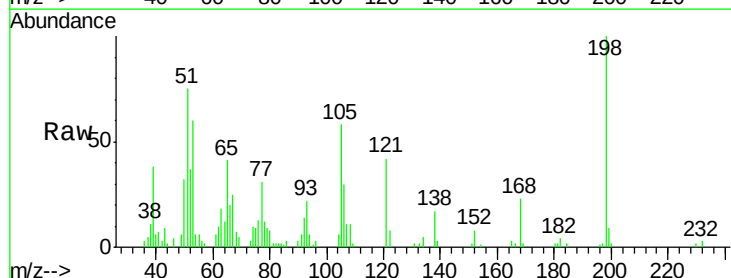
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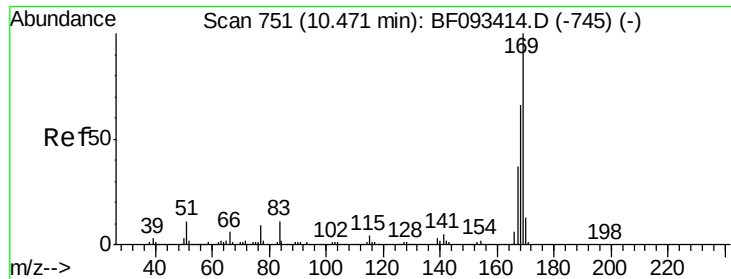
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.28 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35818		
51	74.8	6.7	46.7#	
105	58.0	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 43.31 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

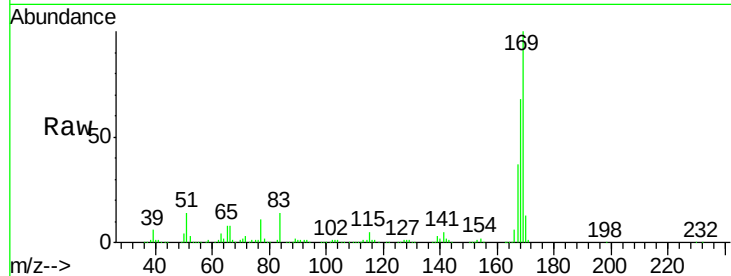
ClientSampleId :

SSTDCCC040

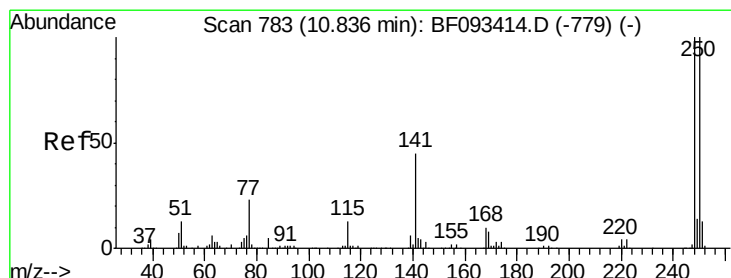
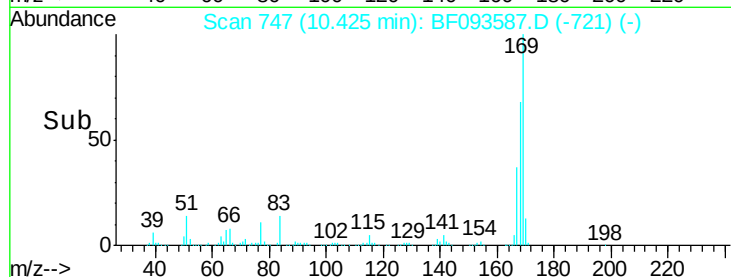
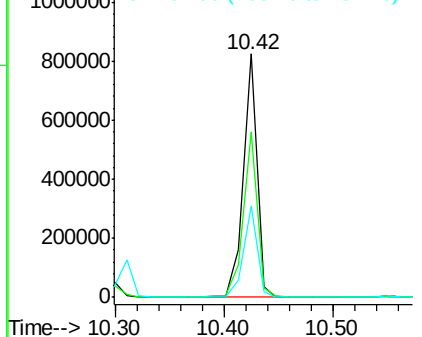
Tgt Ion:	169	Resp:	709075
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.2	81.2
167	37.5	30.2	45.4

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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: 44.52 ng

RT: 10.79 min Scan# 779

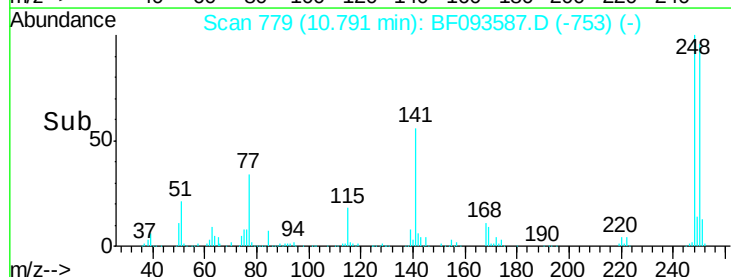
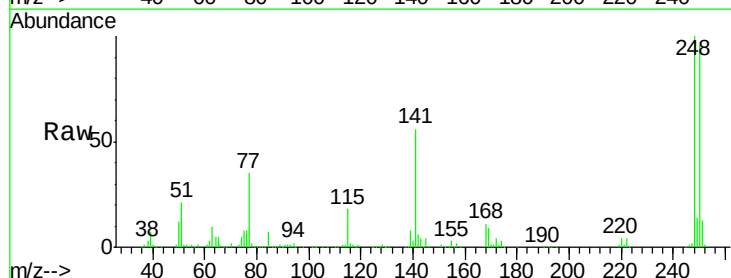
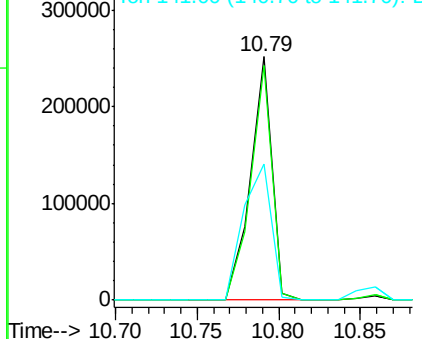
Delta R.T. -0.00 min

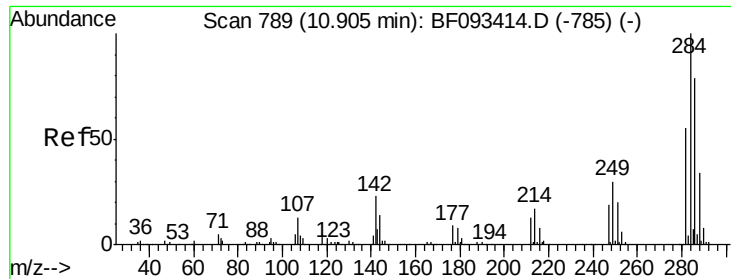
Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	248	Resp:	230826
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	55.9	68.2	102.4#

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: 43.22 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

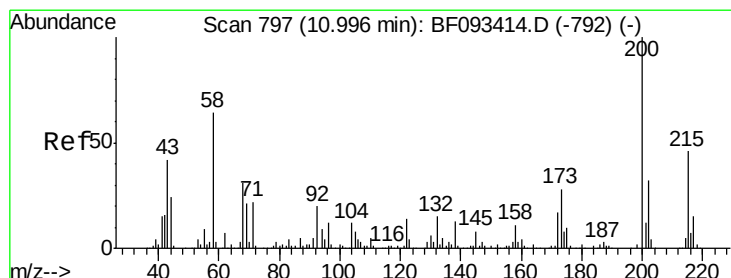
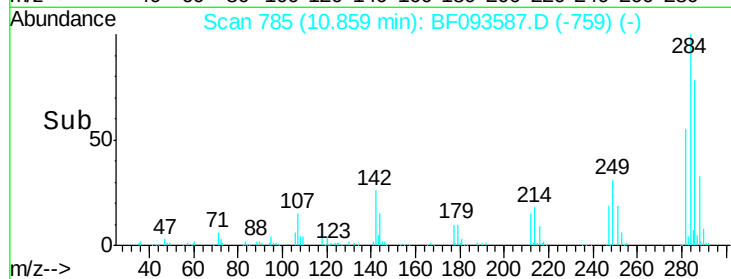
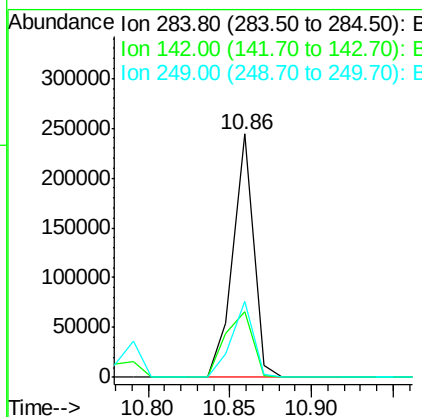
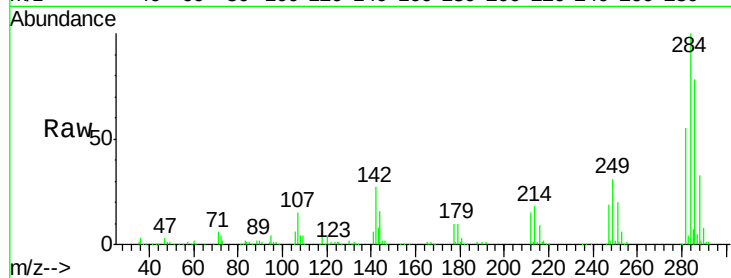
ClientSampleId :

SSTDCCC040

Tgt Ion:	284	Resp:	213950
Ion Ratio		Lower	Upper
284	100		
142	27.1	22.6	33.8
249	31.0	25.4	38.0

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#68

Atrazine

Concen: 38.50 ng

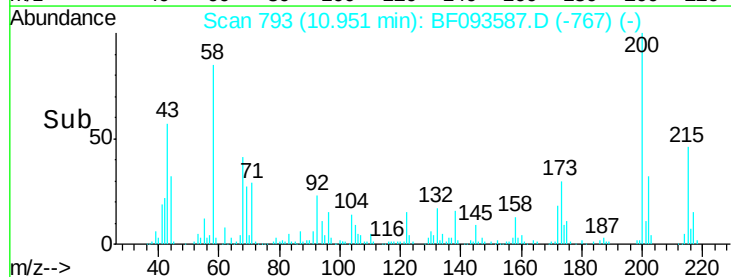
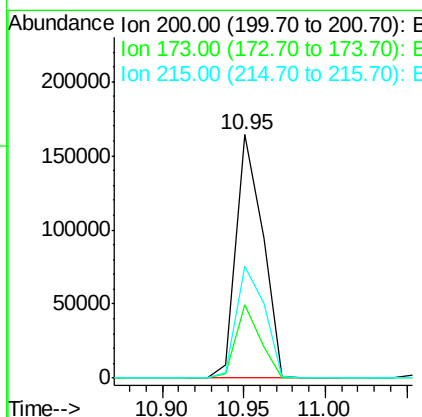
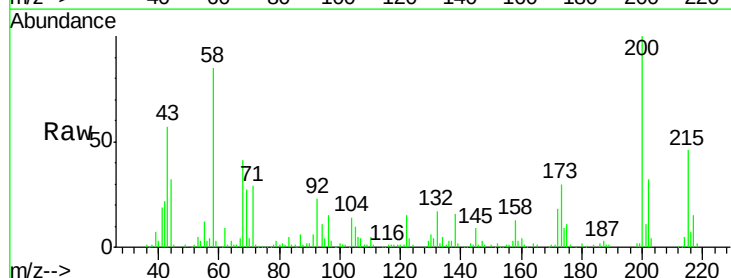
RT: 10.95 min Scan# 793

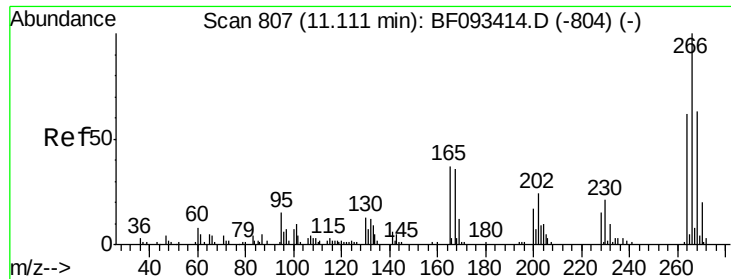
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	200	Resp:	184483
Ion Ratio		Lower	Upper
200	100		
173	30.0	9.6	49.6
215	46.0	25.7	65.7





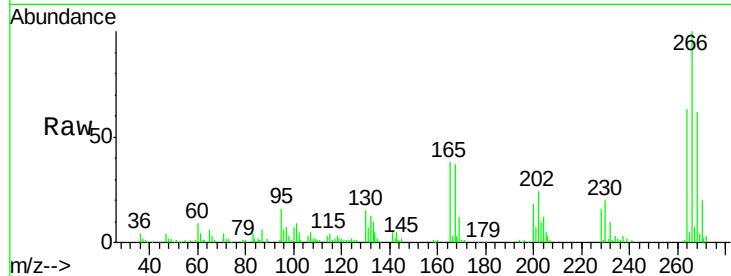
#69
 Pentachlorophenol
 Concen: 57.86 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

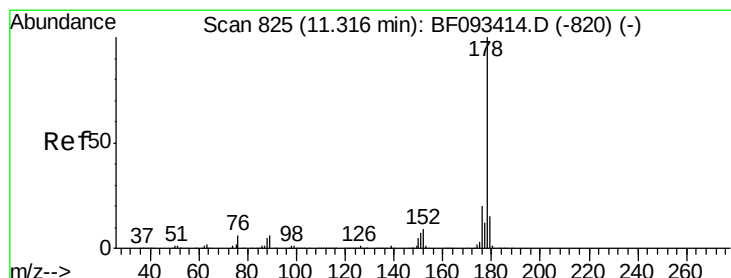
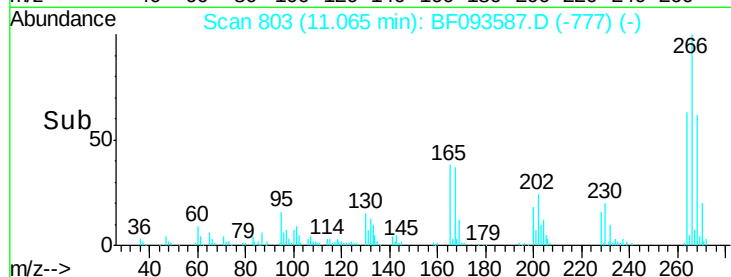
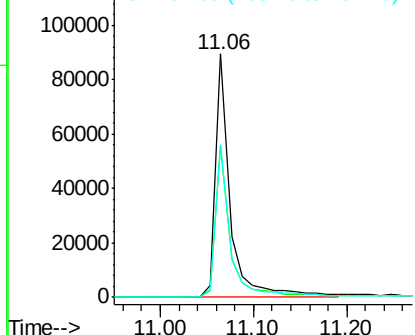
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	98886		
268	62.1	53.3	79.9	
264	62.7	50.3	75.5	

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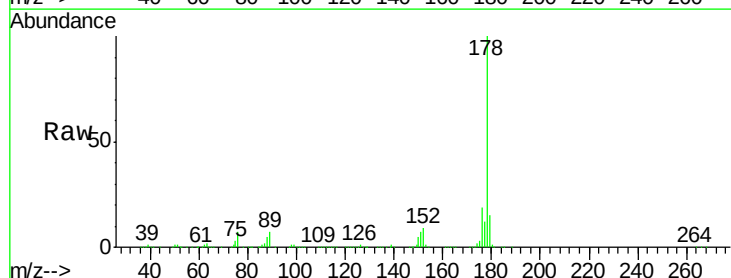


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

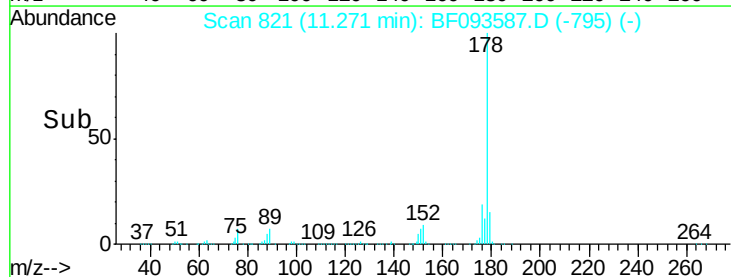
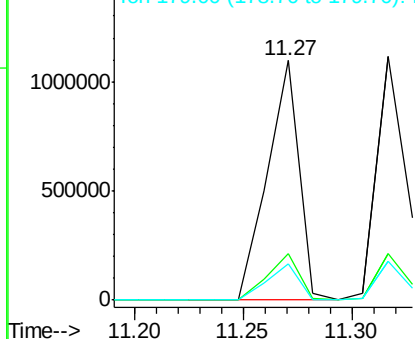


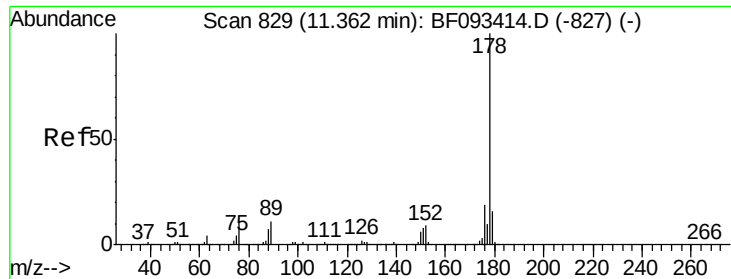
#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1123059		
176	19.5	16.6	25.0	
179	15.0	12.8	19.2	



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





#71

Anthracene

Concen: 37.90 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1072993

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

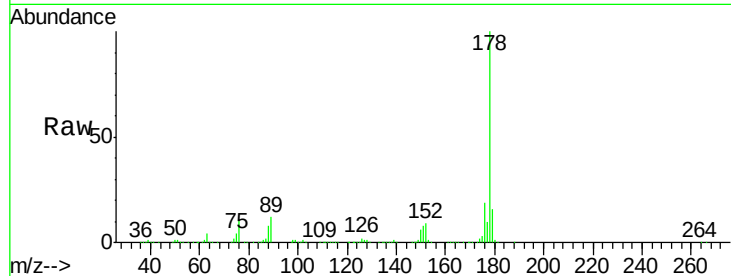
179 15.9 13.2 19.8

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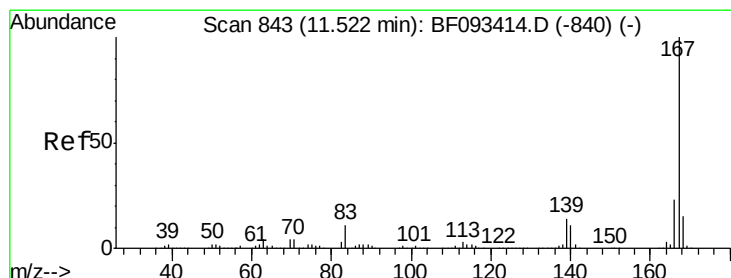
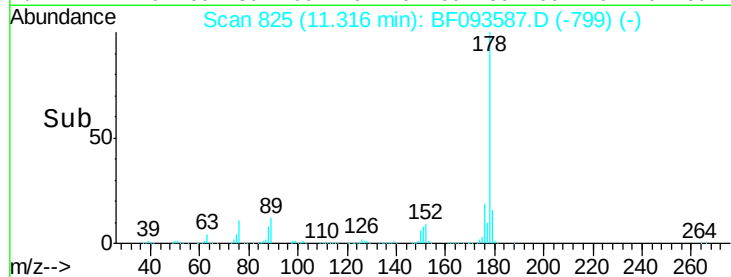
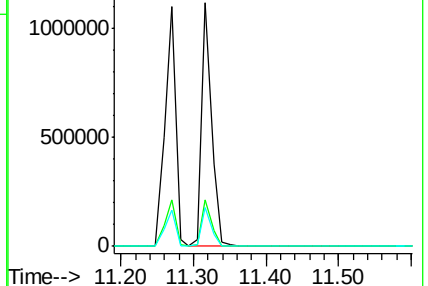
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.48 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

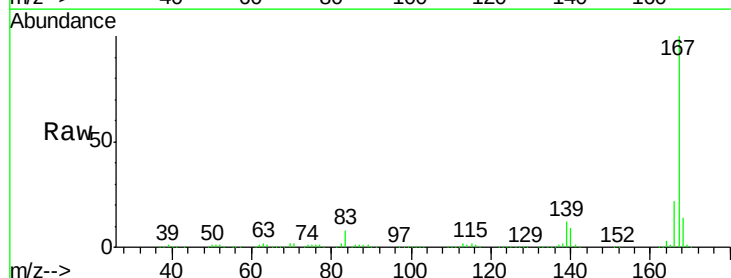
Tgt Ion:167 Resp: 1076393

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

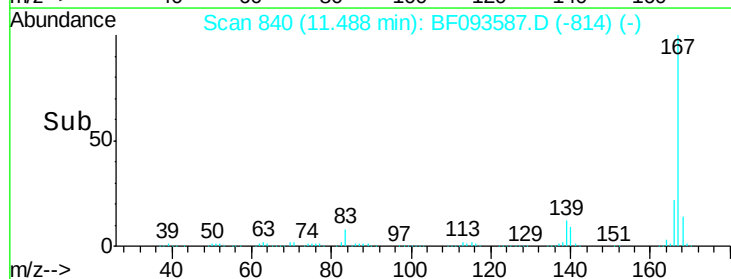
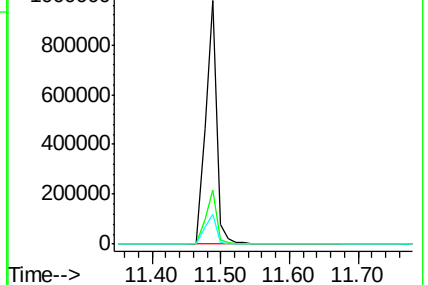
139 12.1 11.4 17.2

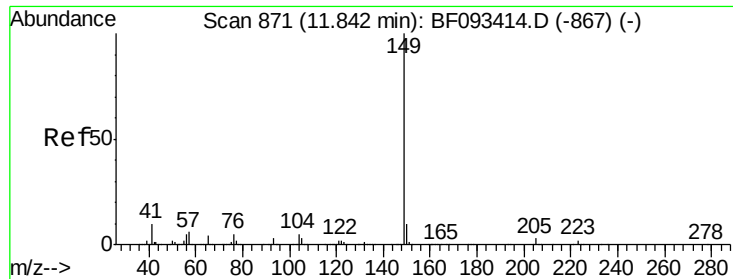


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.57 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

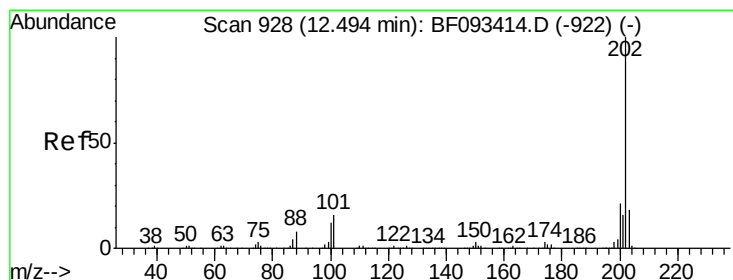
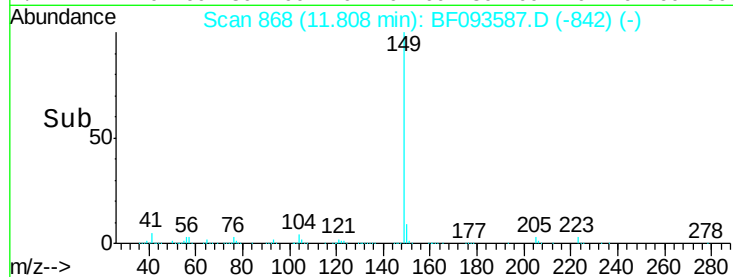
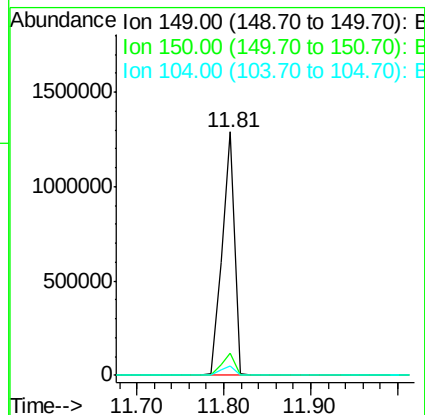
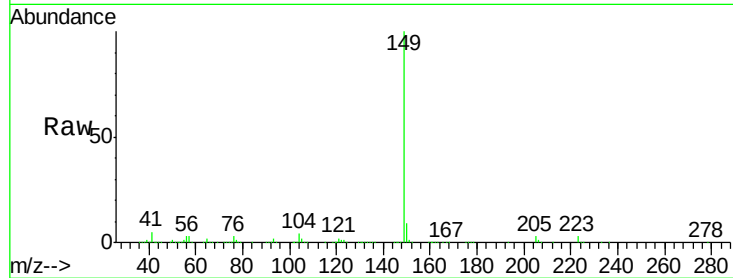
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.6	4.6	7.0

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#74

Fluoranthene

Concen: 34.97 ng

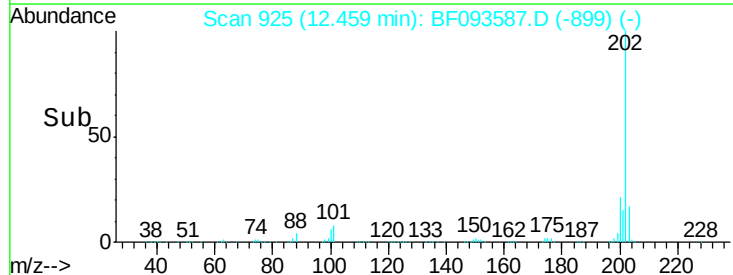
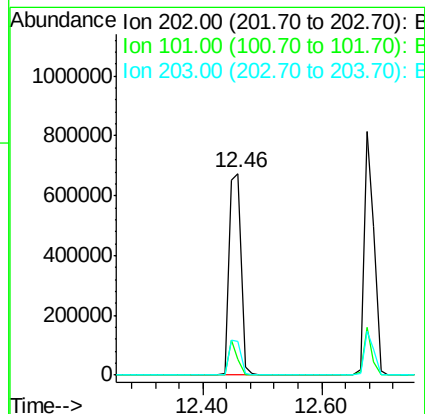
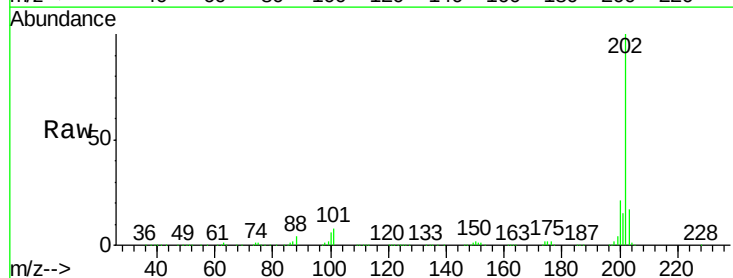
RT: 12.46 min Scan# 925

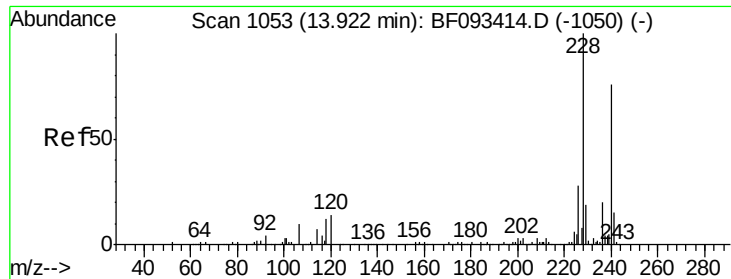
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	34.6
203	16.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

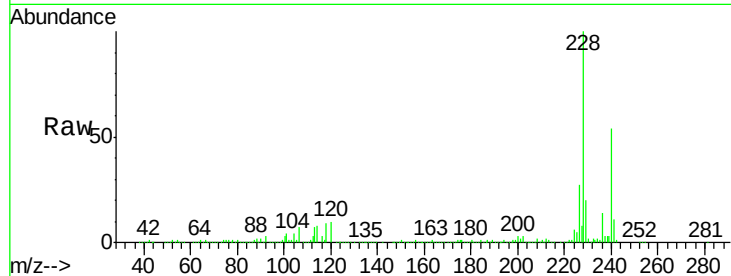
ClientSampleId :

SSTDCCC040

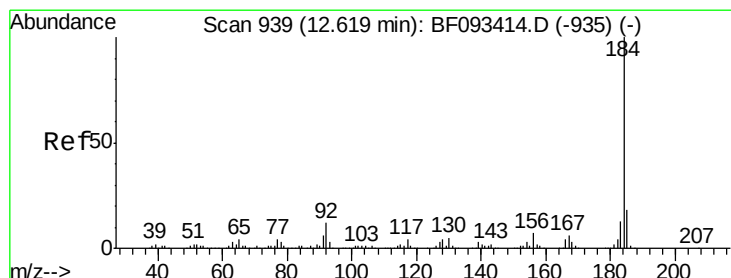
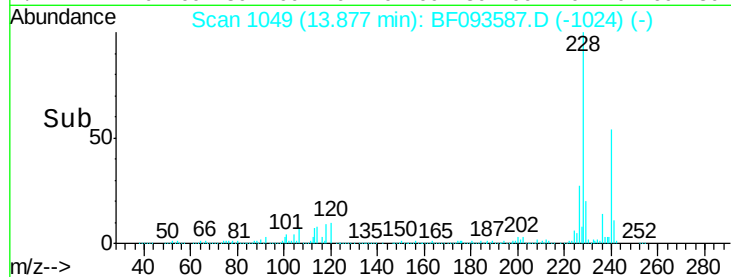
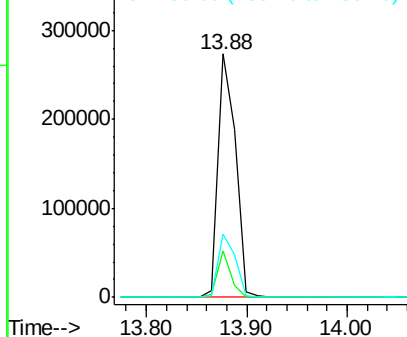
Tgt Ion:	240	Resp:	330375
Ion Ratio	Lower	Upper	
240	100		
120	19.3	12.9	19.3
236	26.0	20.9	31.3

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



#76

Benzidine

Concen: 43.05 ng

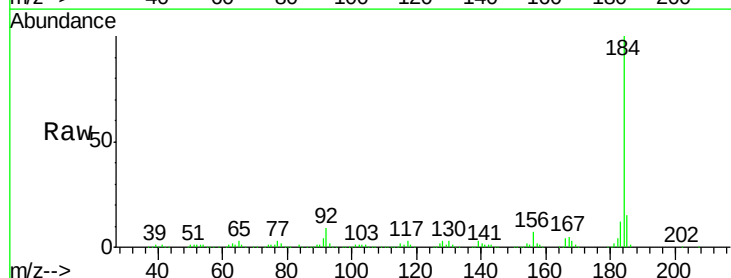
RT: 12.59 min Scan# 936

Delta R.T. -0.00 min

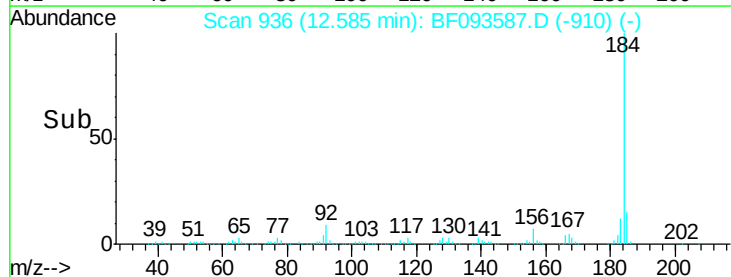
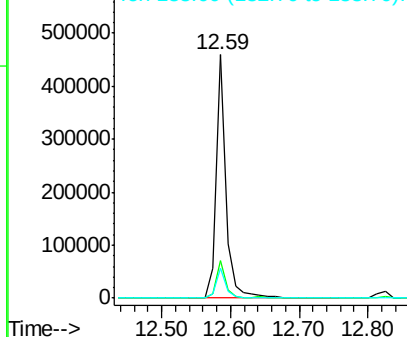
Lab File: BF093587.D

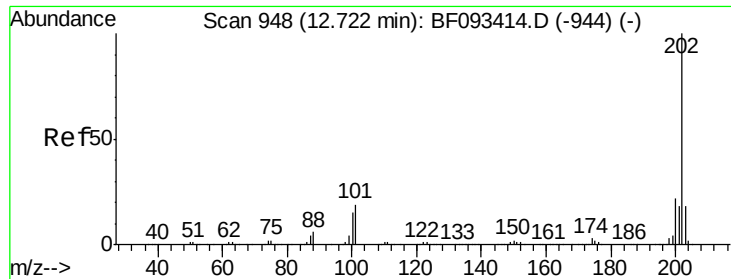
Acq: 12 Mar 2017 3:31

Tgt Ion:	184	Resp:	467738
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	12.1	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





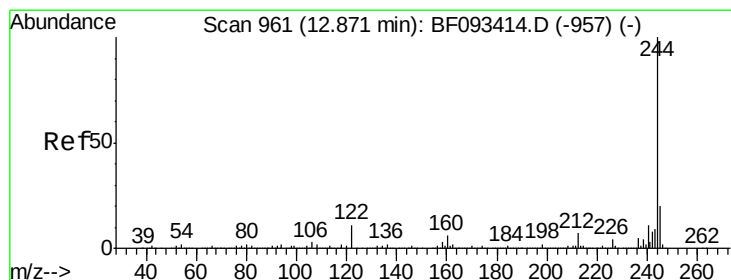
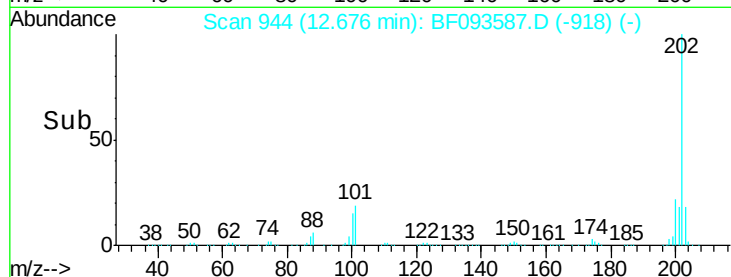
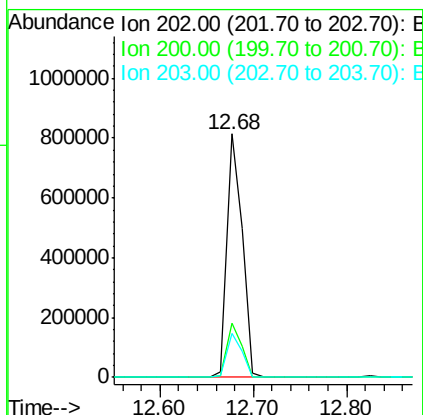
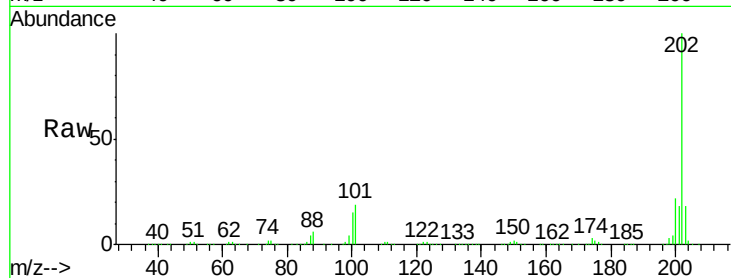
#77
 Pyrene
 Concen: 38.81 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.9	14.7	22.1

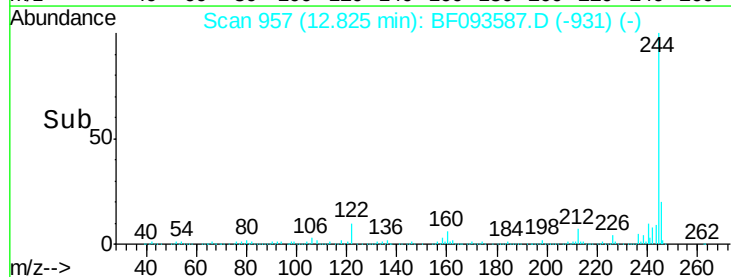
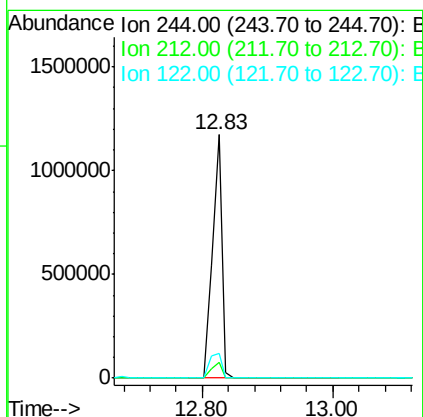
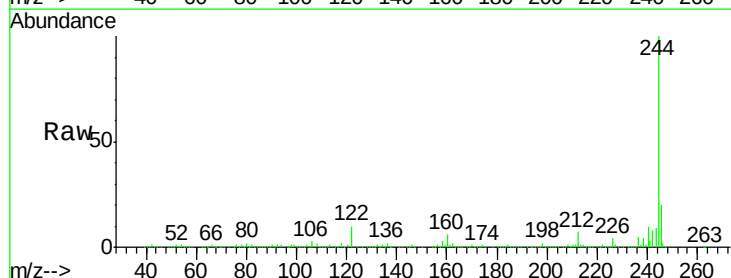
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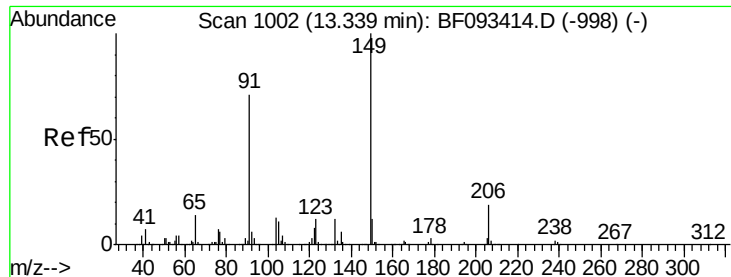
mohammad
 3/15/2017 5:34:38 PM



#78
 Terphenyl-d14
 Concen: 95.35 ng
 RT: 12.83 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	10.0	11.4	17.2





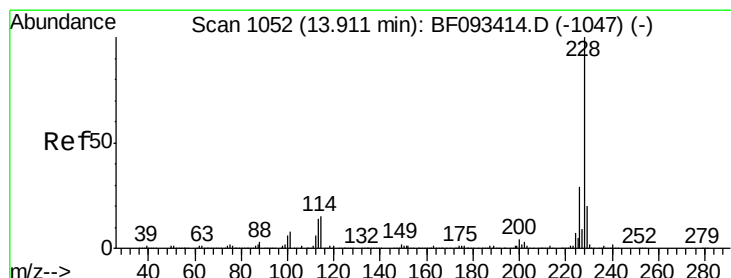
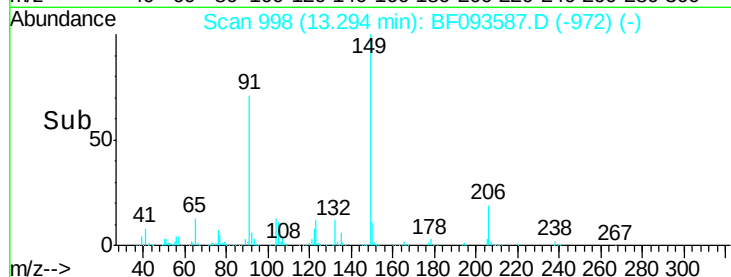
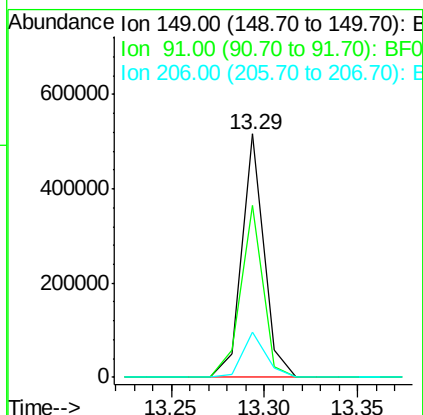
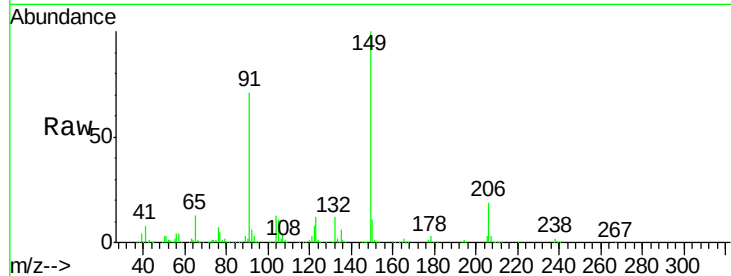
#79
Butylbenzylphthalate
Concen: 42.55 ng
RT: 13.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.6	63.9	95.9
206	18.5	14.6	21.8

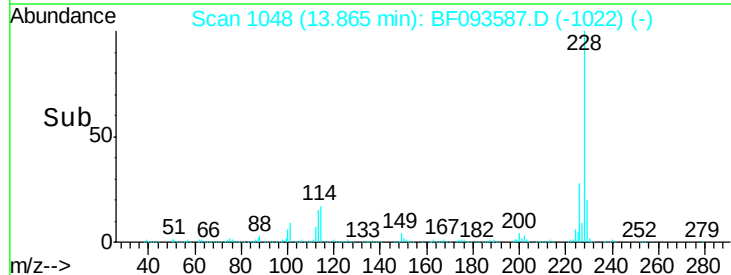
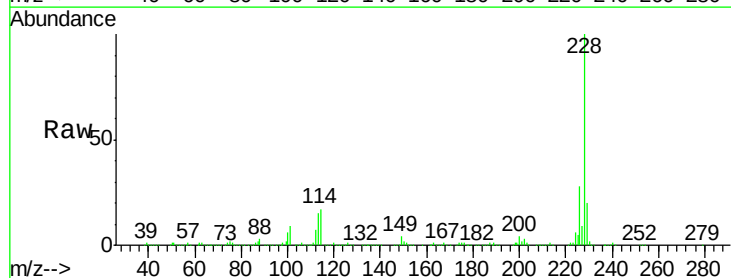
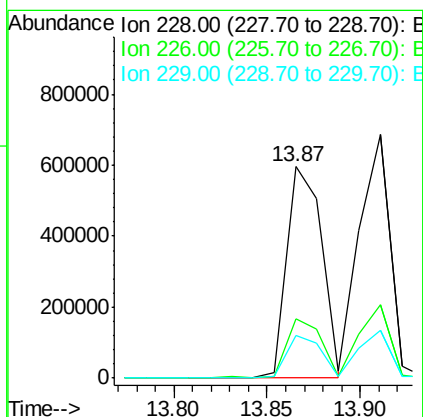
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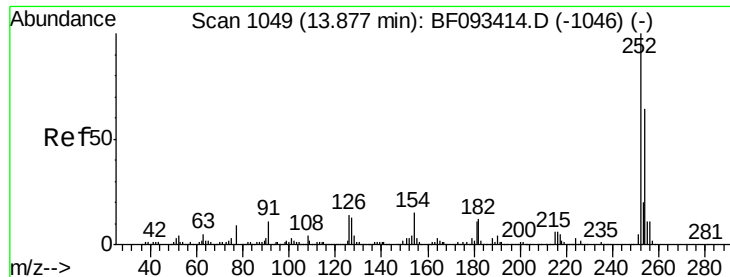
mohammad
3/15/2017 5:34:38 PM



#80
Benzo(a)anthracene
Concen: 39.99 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.4	33.6
229	20.1	16.2	24.4





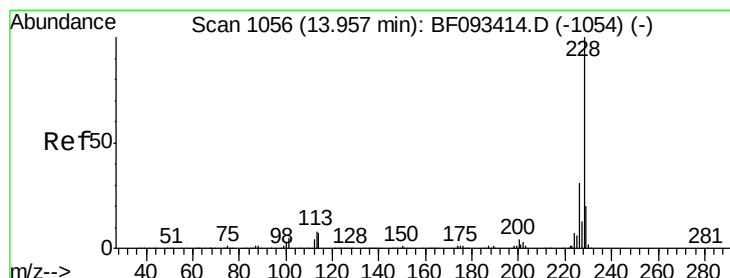
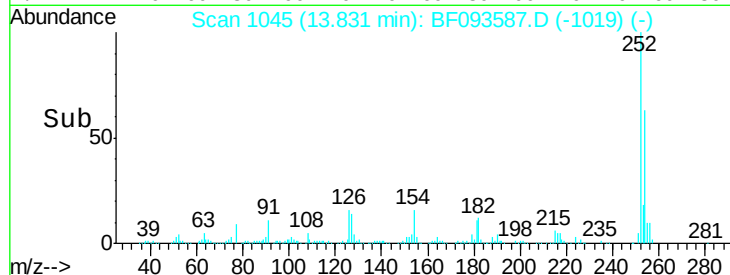
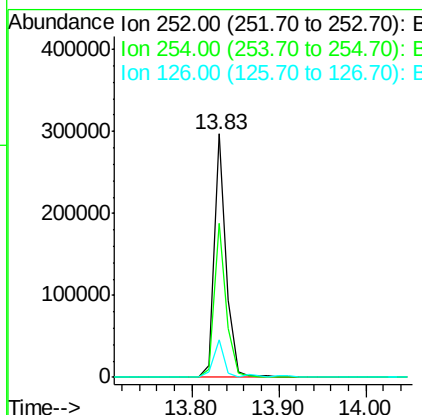
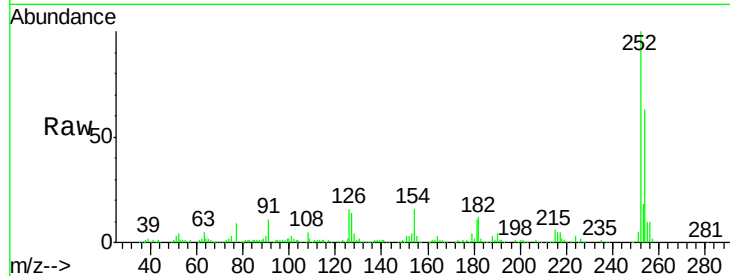
#81
 3,3'-Dichlorobenzidine
 Concen: 42.30 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	52.3	78.5
126	15.6	13.6	20.4

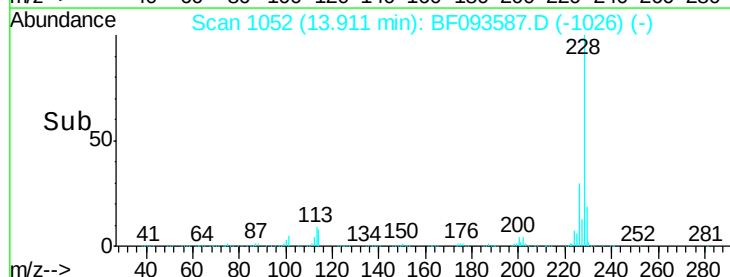
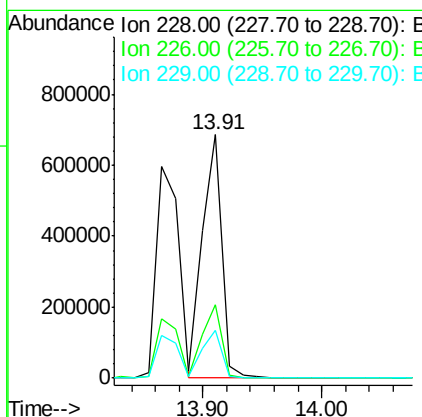
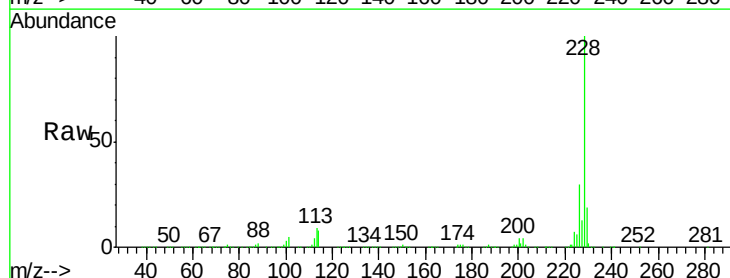
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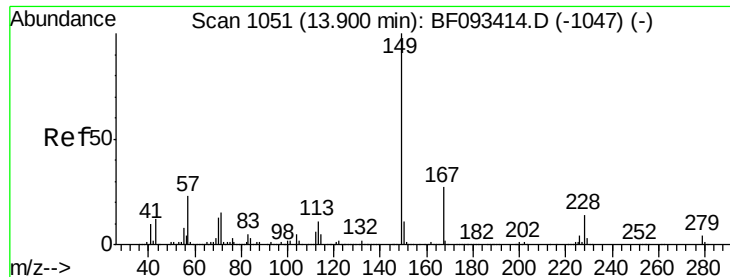
mohammad
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#82
 Chrysene
 Concen: 43.57 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	25.4	38.0
229	19.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.02 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 620537
Ion Ratio Lower Upper

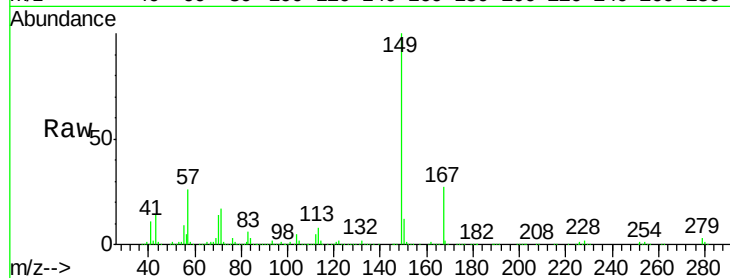
149 100

167 27.2 20.2 30.4

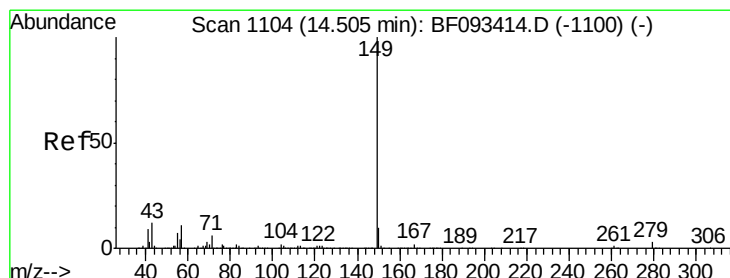
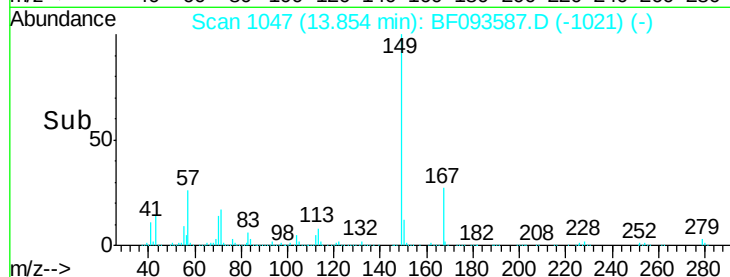
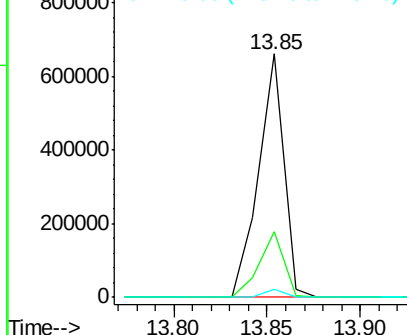
279 3.4 1.8 2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.45 ng

RT: 14.46 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF093587.D

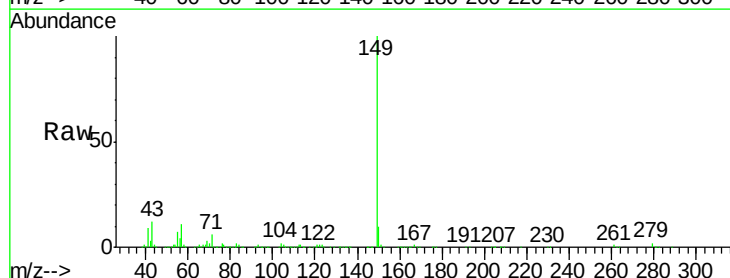
Acq: 12 Mar 2017 3:31

Tgt Ion:149 Resp: 973913
Ion Ratio Lower Upper

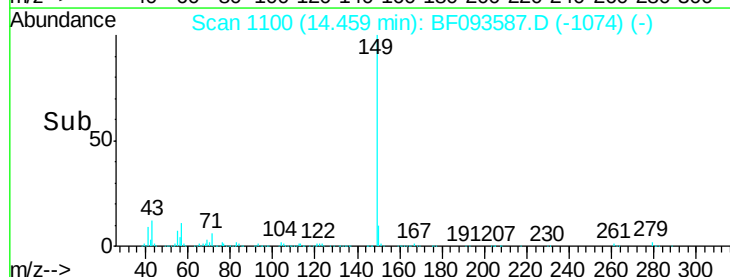
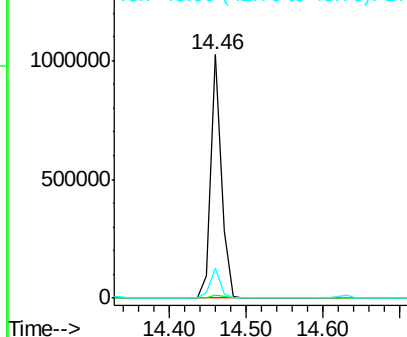
149 100

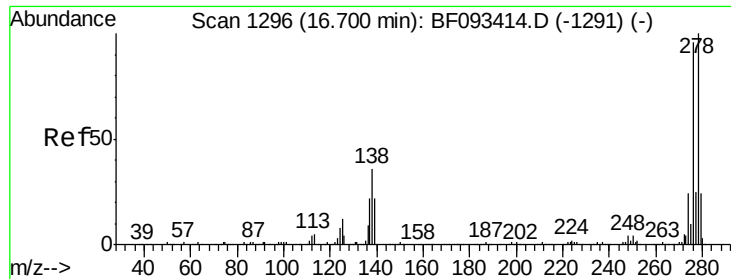
167 1.6 1.3 1.9

43 11.6 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





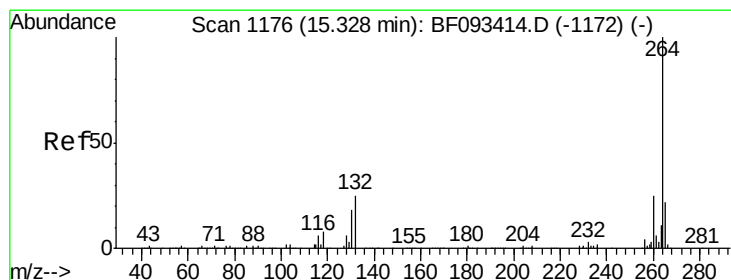
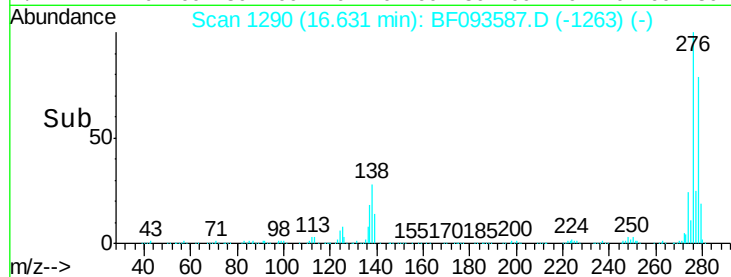
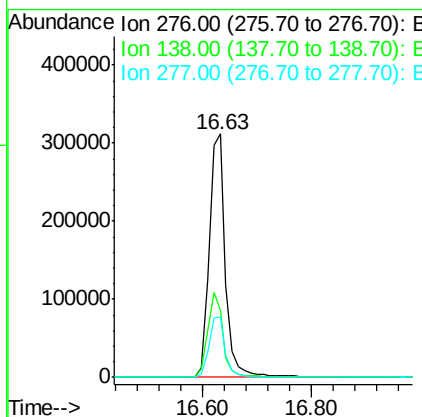
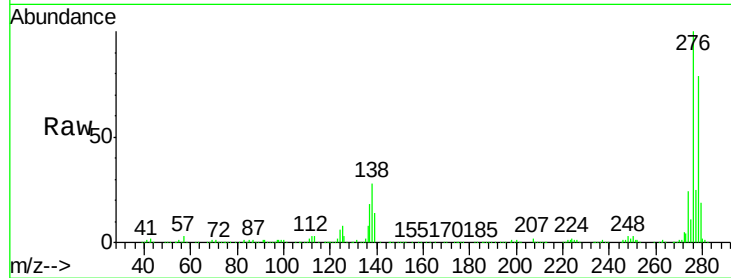
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.99 ng
RT: 16.63 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	649530		
138	32.9	21.8	32.6	#
277	25.1	20.2	30.4	

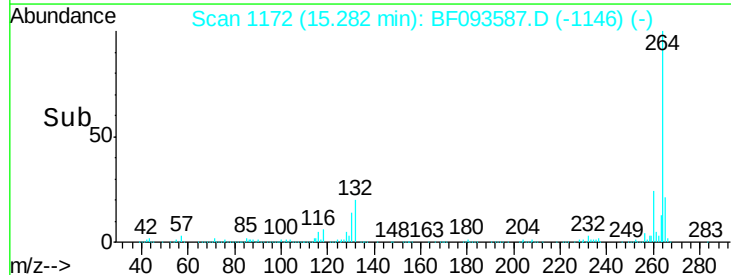
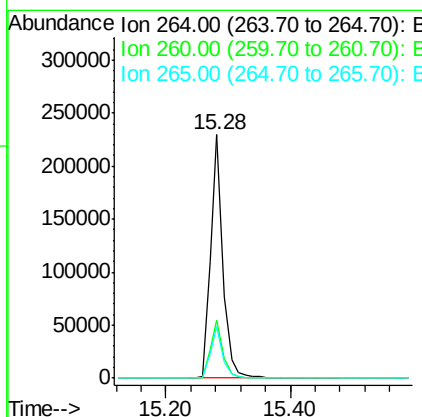
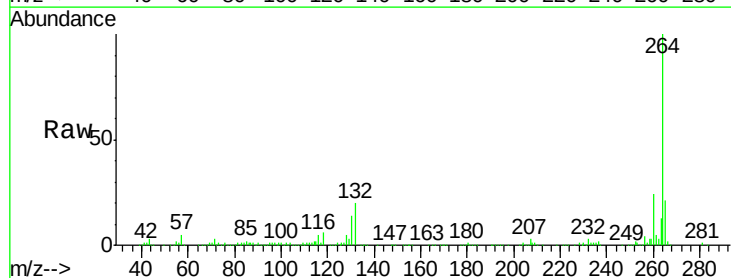
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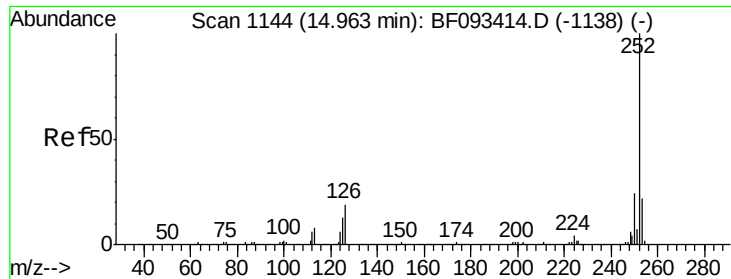
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	308300		
260	23.7	19.2	28.8	
265	21.2	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 49.05 ng m

RT: 14.89 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Instrument :

BNA_F

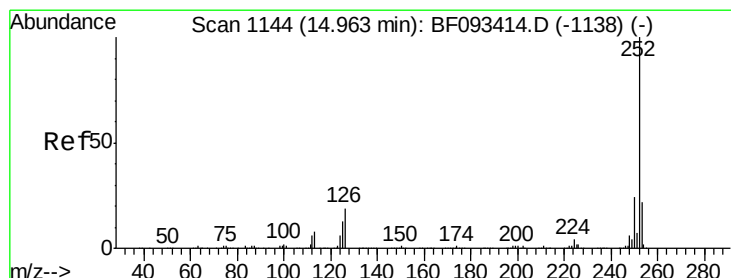
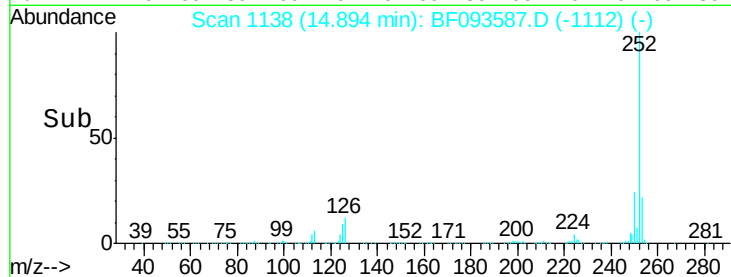
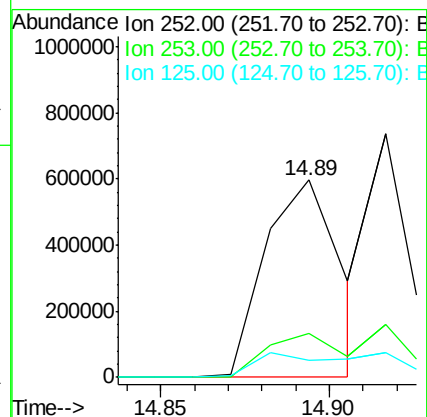
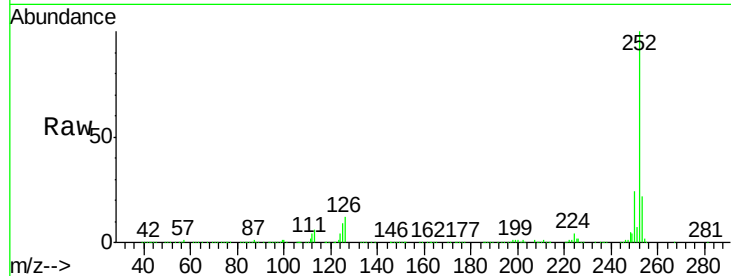
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	920909
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	8.8	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 34.58 ng m

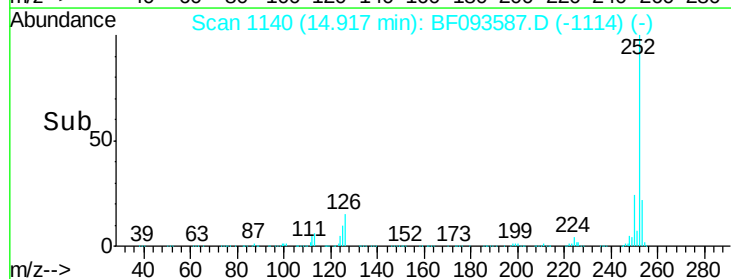
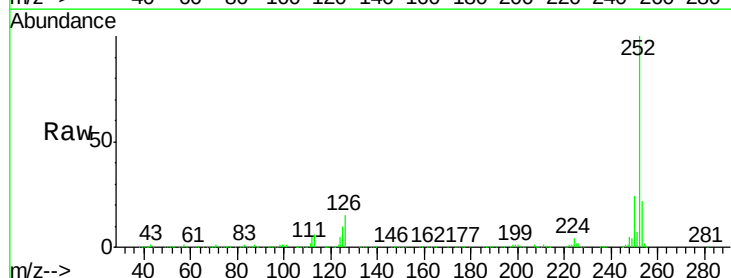
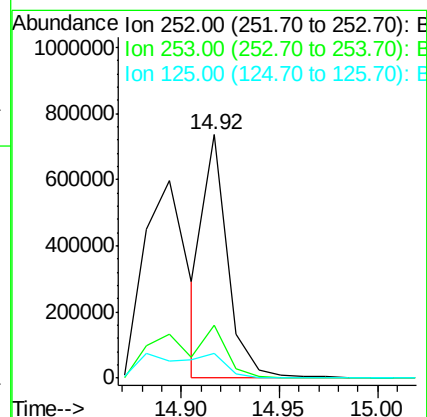
RT: 14.92 min Scan# 1140

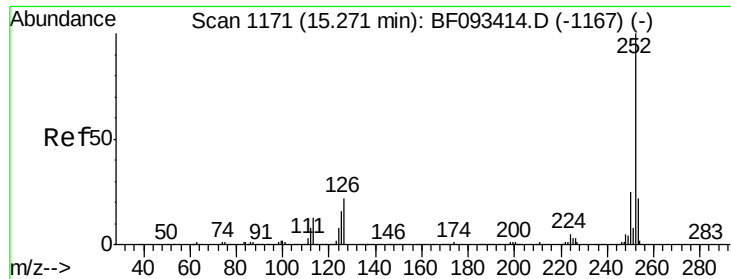
Delta R.T. -0.00 min

Lab File: BF093587.D

Acq: 12 Mar 2017 3:31

Tgt Ion:	252	Resp:	626209
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.5	27.7
125	10.2	8.9	13.3





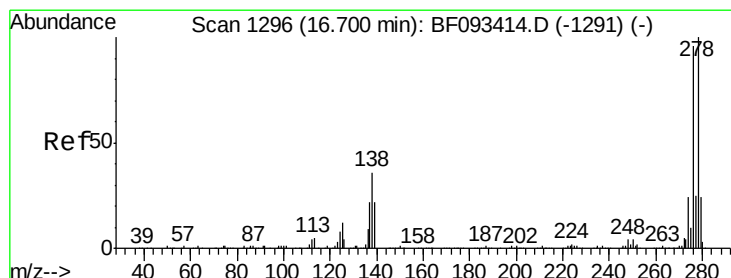
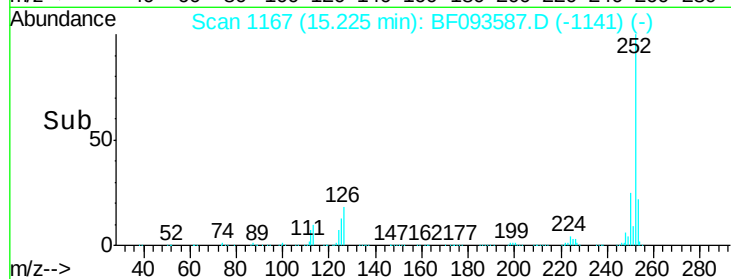
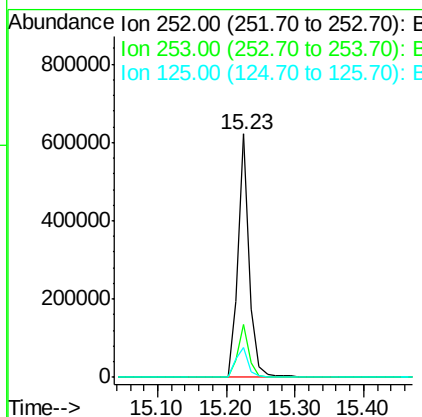
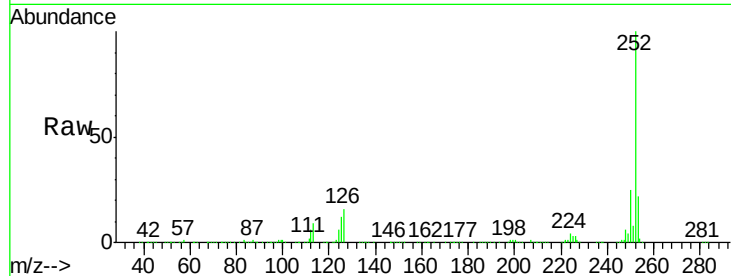
#89
Benzo(a)pyrene
Concen: 42.03 ng
RT: 15.23 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.2	10.0	15.0

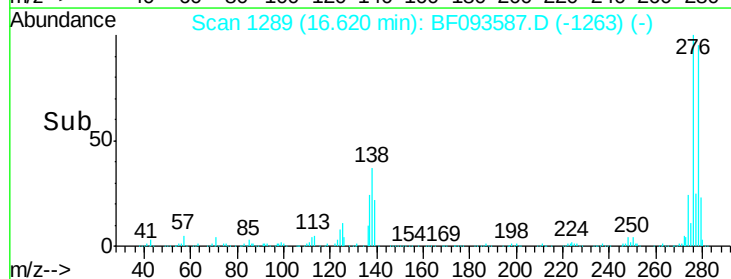
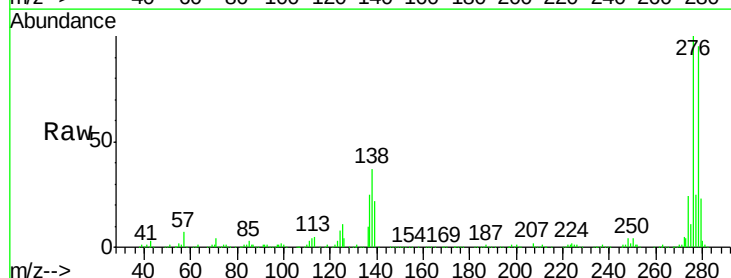
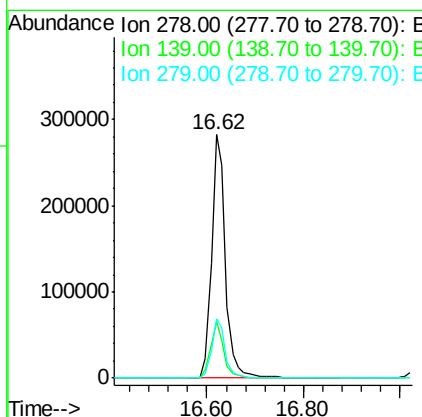
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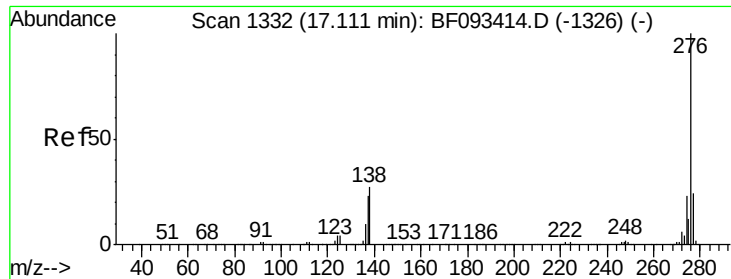
mohammad
3/15/2017 5:34:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.42 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093587.D
Acq: 12 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.8	22.2#
279	24.4	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 37.61 ng
 RT: 17.03 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF093587.D
 Acq: 12 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	26.2	16.0	24.0

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 3/15/2017 5:34:38 PM

