

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093703.D
 Acq On : 16 Mar 2017 13:43
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/17/2017 2:29:38 PM

Quant Time: Mar 17 03:09:39 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	6.70	152	161814	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	682144	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	311890	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	535975	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	448937	20.00	ng	-0.02
86) Perylene-d12	15.26	264	362058	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	887307	91.26	ng	-0.03
7) Phenol-d6	6.36	99	998505	81.44	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1065103	86.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	189935	93.47	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1403492	83.70	ng	-0.02
78) Terphenyl-d14	12.80	244	1304022	75.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	219673	41.02	ng	# 81
3) Pyridine	2.84	79	616326	45.14	ng	88
4) n-Nitrosodimethylamine	2.80	42	273880	42.00	ng	79
6) Aniline	6.37	93	699998	41.60	ng	# 72
8) 2-Chlorophenol	6.48	128	453812	41.66	ng	87
9) Benzaldehyde	6.25	77	278287	35.43	ng	96
10) Phenol	6.38	94	657331	43.75	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	521232	42.93	ng	91
12) 1,3-Dichlorobenzene	6.63	146	509888m	40.89	ng	
13) 1,4-Dichlorobenzene	6.71	146	524341	41.07	ng	98
14) 1,2-Dichlorobenzene	6.87	146	469180	41.50	ng	95
15) Benzyl Alcohol	6.86	79	360427	41.24	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	910219	45.12	ng	# 43
17) 2-Methylphenol	6.98	107	398919	43.30	ng	# 89
18) Hexachloroethane	7.20	117	183017	42.51	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	359446	42.64	ng	# 94
20) 3+4-Methylphenols	7.14	107	554628	46.41	ng	# 72
22) Acetophenone	7.12	105	656199	39.97	ng	# 99
24) Nitrobenzene	7.29	77	560697	40.58	ng	96
25) Isophorone	7.53	82	976923	39.40	ng	# 93
26) 2-Nitrophenol	7.61	139	257139	40.79	ng	# 90
27) 2,4-Dimethylphenol	7.67	122	387997	37.83	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	648669	41.45	ng	99
29) 2,4-Dichlorophenol	7.88	162	383509	39.75	ng	94
30) 1,2,4-Trichlorobenzene	7.93	180	390334	38.04	ng	95
31) Naphthalene	8.01	128	1344359	39.33	ng	98
32) Benzoic acid	7.83	122	206916	38.83	ng	92
33) 4-Chloroaniline	8.08	127	546912	39.43	ng	99
34) Hexachlorobutadiene	8.13	225	216338	40.93	ng	99
35) Caprolactam	8.46	113	125452	38.07	ng	# 24
36) 4-Chloro-3-methylphenol	8.58	107	422155	40.99	ng	99
37) 2-Methylnaphthalene	8.71	142	837159	38.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	364152	42.76	ng	99
40) Hexachlorocyclopentadiene	8.85	237	54858	33.76	ng	97

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	245794	46.19	nq	90
43) 2,4,5-Trichlorophenol	9.05	196	253553	44.41	nq	95
45) 1,1'-Biphenyl	9.17	154	977502	43.02	nq	97
46) 2-Chloronaphthalene	9.19	162	787477	45.28	nq	94
47) 2-Nitroaniline	9.30	65	306399	49.84	nq	# 79
48) Acenaphthylene	9.60	152	1243221	43.34	nq	99
49) Dimethylphthalate	9.48	163	851123	41.16	nq	99
50) 2,6-Dinitrotoluene	9.56	165	200436	44.18	nq	# 80
51) Acenaphthene	9.77	154	713014	42.04	nq	97
52) 3-Nitroaniline	9.73	138	253722	46.55	nq	87
53) 2,4-Dinitrophenol	9.86	184	66085	31.98	nq	# 68
54) Dibenzofuran	9.94	168	990797	46.67	nq	97
55) 4-Nitrophenol	9.93	139	52937m	19.99	nq	
56) 2,4-Dinitrotoluene	9.97	165	268296	48.13	nq	# 77
57) Fluorene	10.29	166	765925	42.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	192195	47.70	nq	92
59) Diethylphthalate	10.17	149	918956	46.50	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	350899	43.52	nq	97
61) 4-Nitroaniline	10.34	138	220528	39.56	nq	85
62) Azobenzene	10.44	77	879578	39.17	nq	95
64) 4,6-Dinitro-2-methylphenol	10.38	198	117314	33.78	nq	90
65) n-Nitrosodiphenylamine	10.40	169	664718	37.14	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	214995	37.93	nq	95
67) Hexachlorobenzene	10.84	284	210226	38.84	nq	# 87
68) Atrazine	10.94	200	216156	41.27	nq	98
69) Pentachlorophenol	11.05	266	60804	32.54	nq	98
70) Phenanthrene	11.25	178	1142048	37.33	nq	98
71) Anthracene	11.30	178	1256099	40.59	nq	98
72) Carbazole	11.46	167	1140853	39.24	nq	99
73) Di-n-butylphthalate	11.78	149	1273193	37.85	nq	# 97
74) Fluoranthene	12.44	202	1224194	41.43	nq	96
76) Benzidine	12.56	184	511699	34.66	nq	99
77) Pyrene	12.67	202	1276668	39.10	nq	99
79) Butylbenzylphthalate	13.27	149	548867	39.93	nq	99
80) Benzo(a)anthracene	13.85	228	1037399	39.13	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	367861	39.62	nq	# 95
82) Chrysene	13.89	228	974781m	39.74	nq	
83) Bis(2-ethylhexyl)phthalate	13.83	149	753197	39.32	nq	# 98
84) Di-n-octyl phthalate	14.44	149	1256167	39.34	nq	100
85) Indeno(1,2,3-cd)pyrene	16.60	276	715508	34.85	nq	94
87) Benzo(b)fluoranthene	14.87	252	1015690m	46.06	nq	
88) Benzo(k)fluoranthene	14.89	252	738566m	34.73	nq	
89) Benzo(a)pyrene	15.20	252	831389	41.26	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	614209	36.84	nq	96
91) Benzo(g,h,i)perylene	16.99	276	610774	35.69	nq	# 90

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

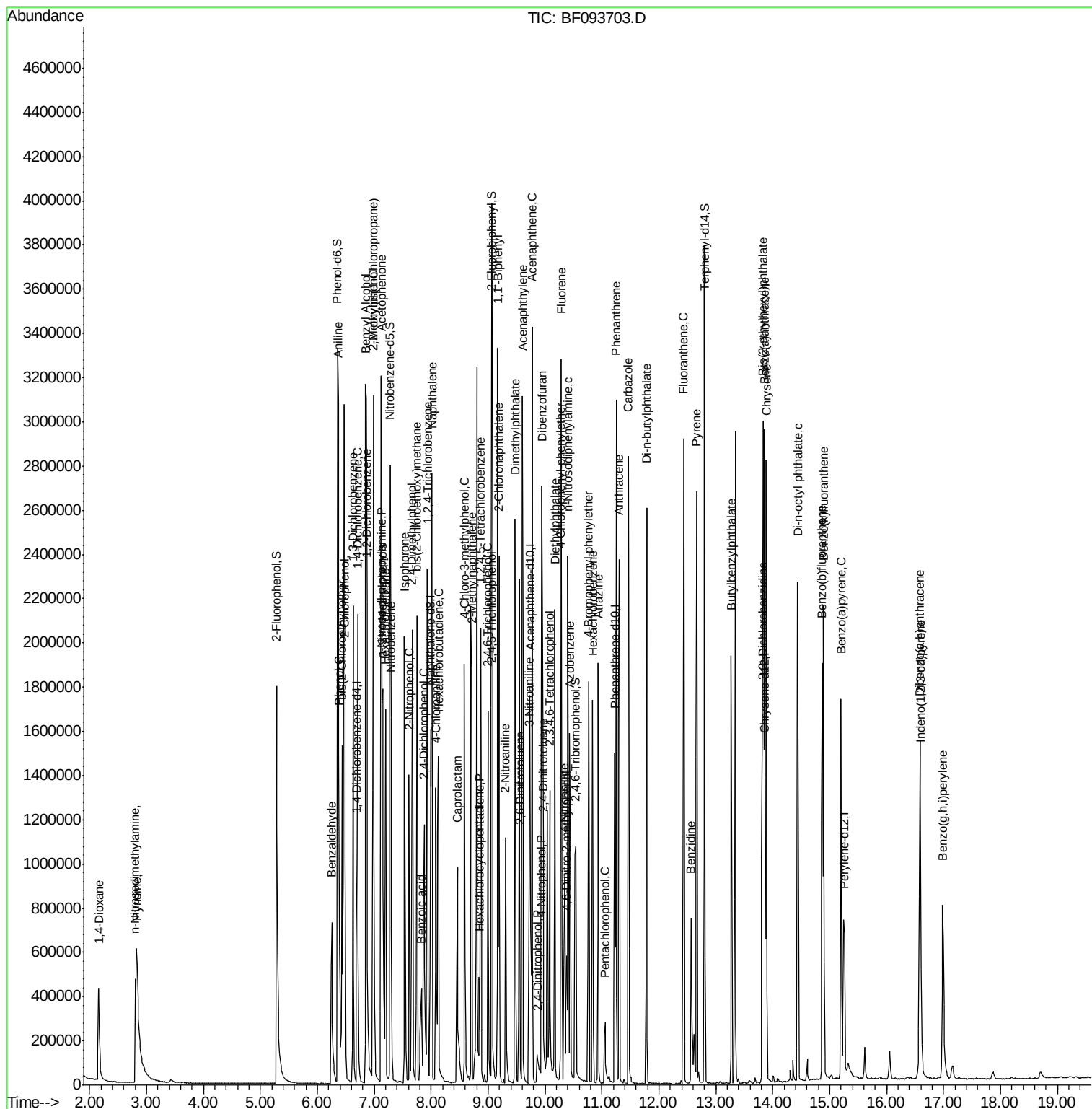
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093703.D
Acq On    : 16 Mar 2017  13:43
Operator  : SJ/MA
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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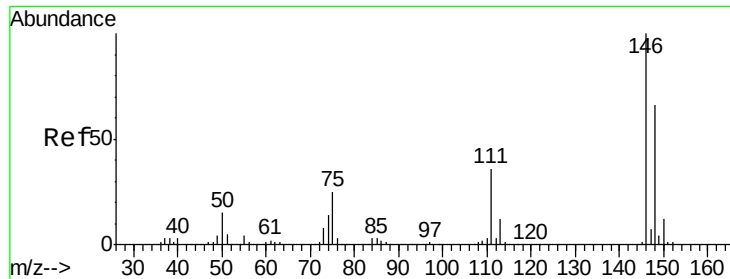
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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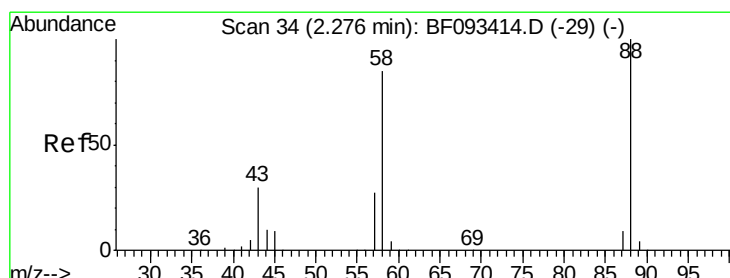
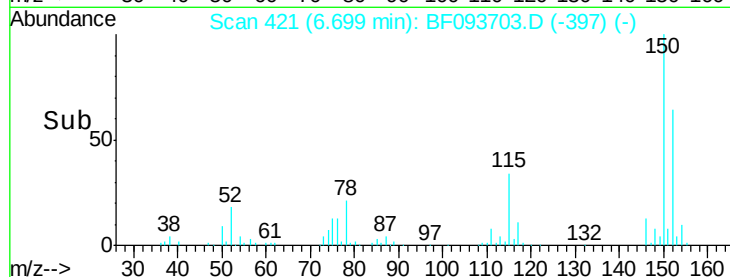
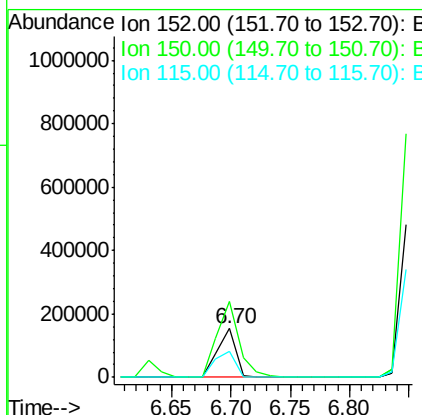
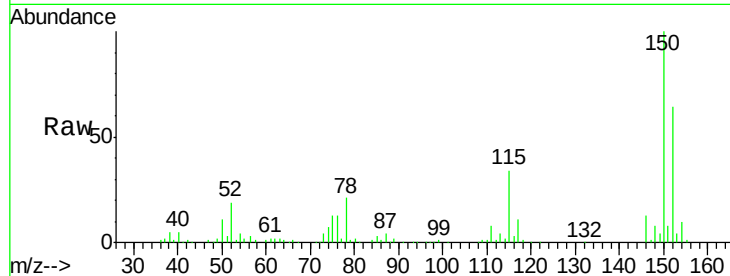
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	53.9	46.0	69.0

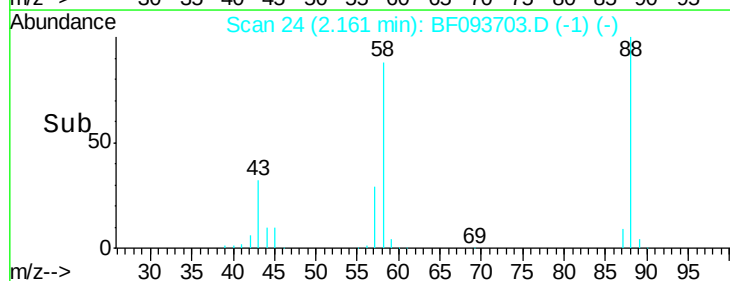
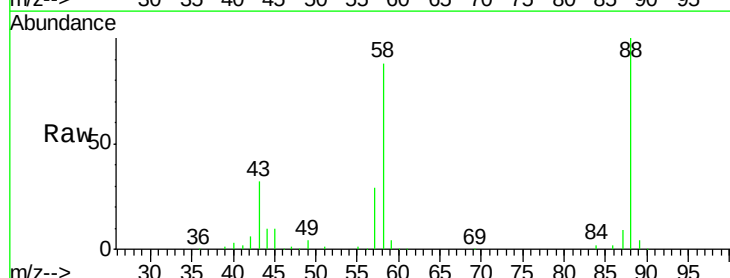
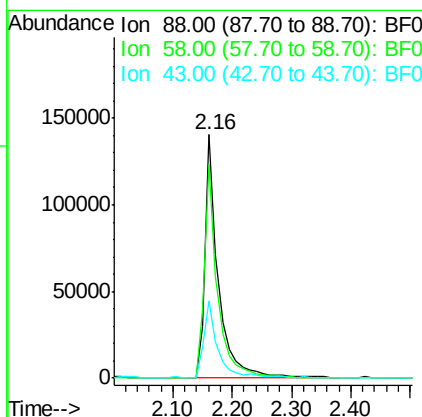
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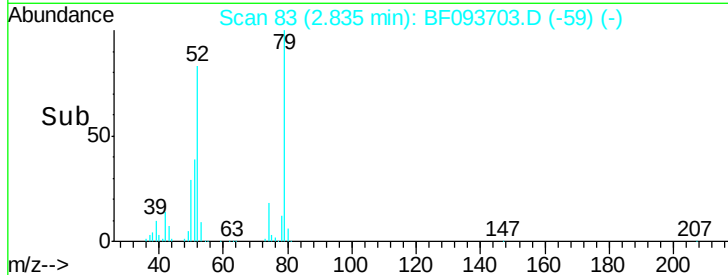
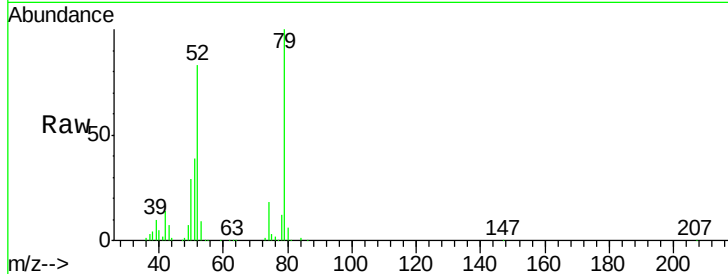
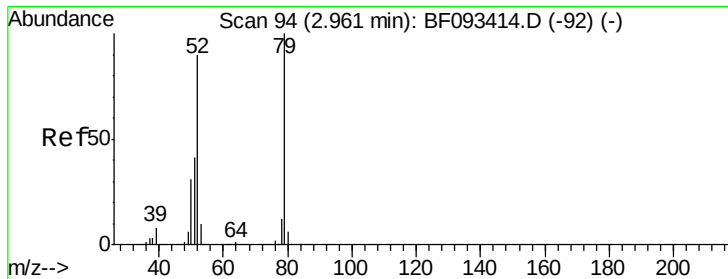
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#2
1,4-Dioxane
Concen: 41.02 ng
RT: 2.16 min Scan# 24
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	57.8	86.8#
43	32.8	22.3	33.5





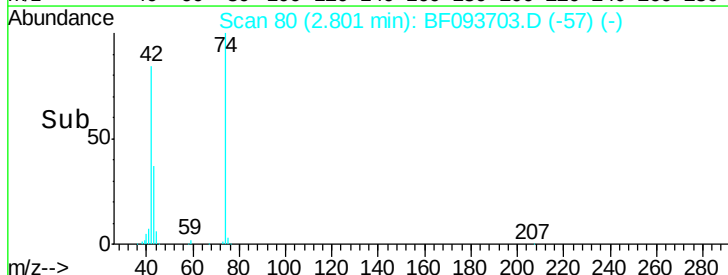
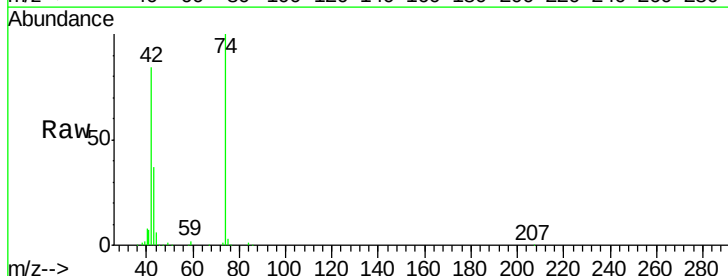
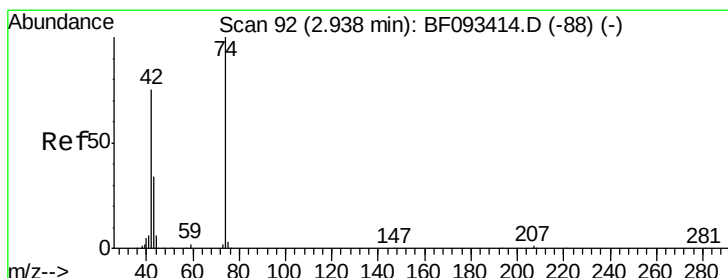
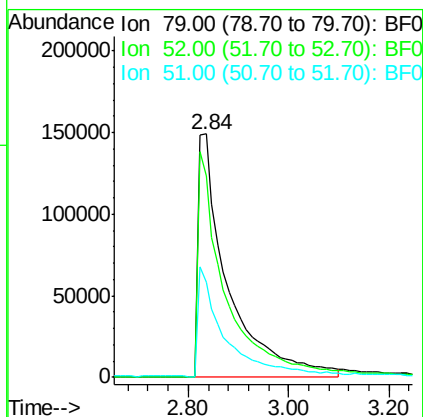
#3
 Pvridine
 Concen: 45.14 ng
 RT: 2.84 min Scan# 83
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	616326		
52	52	82.7		57.1	85.7
51	51	39.2		27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

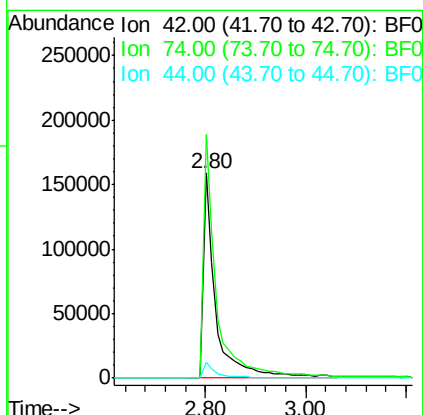
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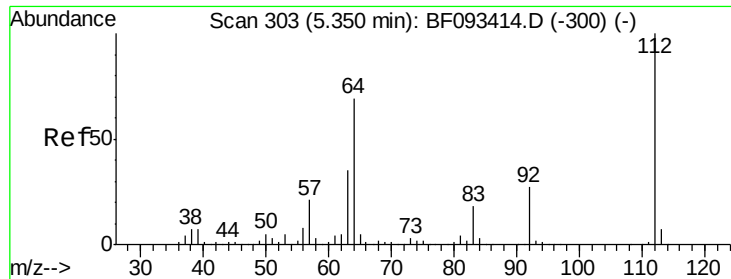
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#4
 n-Nitrosodimethylamine
 Concen: 42.00 ng
 RT: 2.80 min Scan# 80
 Delta R.T. -0.03 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	273880		
74	74	118.9		117.0	175.4
44	44	7.4		5.5	8.3





#5

2-Fluorophenol

Concen: 91.26 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.03 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

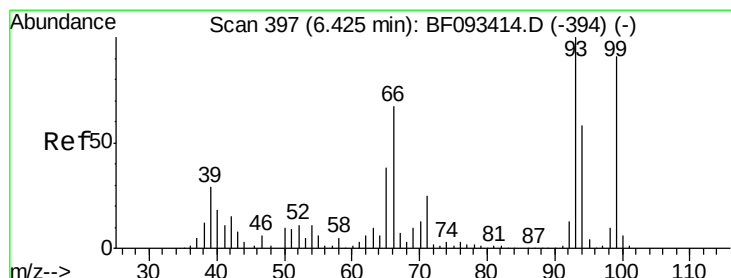
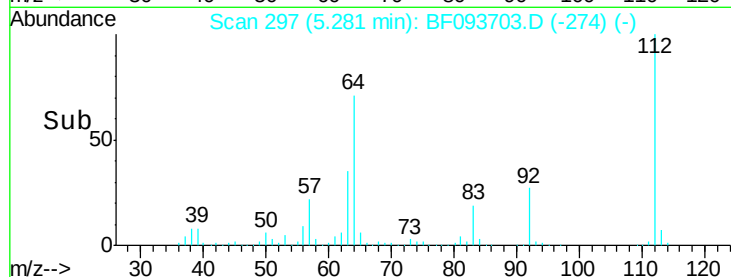
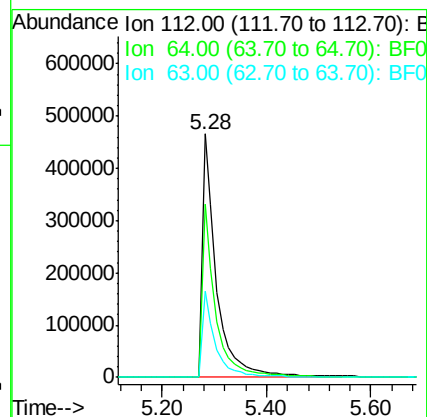
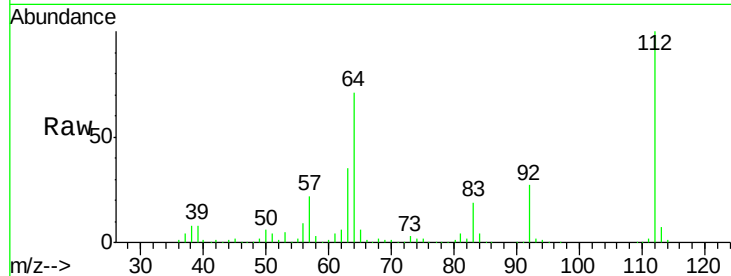
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	887307
Ion Ratio	Lower	Upper	
112	100		
64	71.0	46.1	69.1#
63	35.4	23.8	35.6

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#6

Aniline

Concen: 41.60 ng

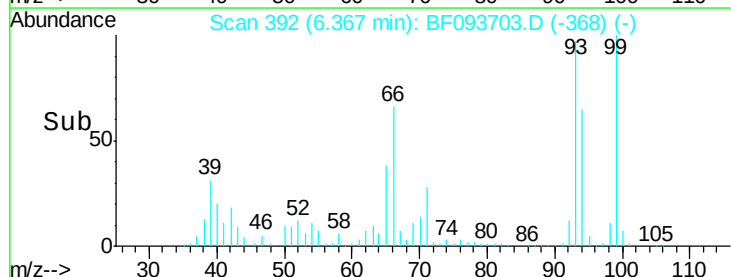
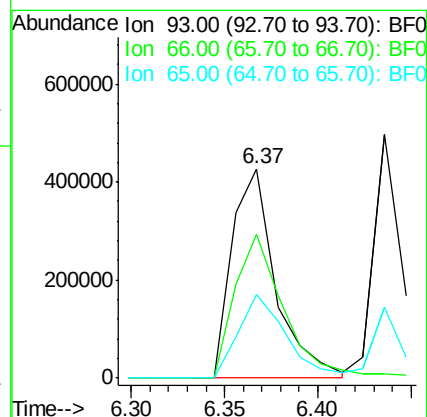
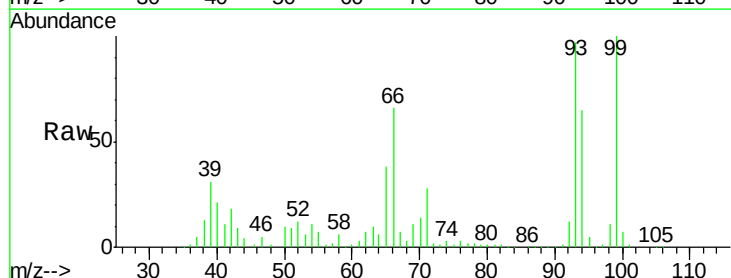
RT: 6.37 min Scan# 392

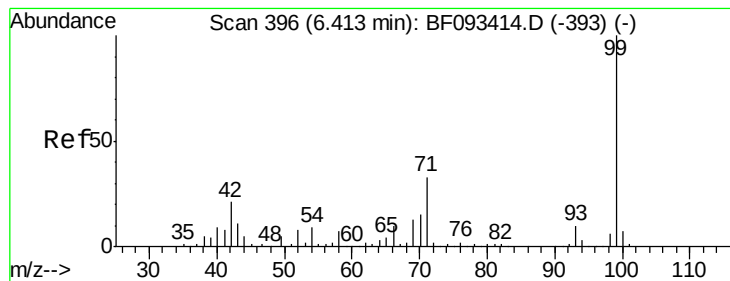
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	93	Resp:	699998
Ion Ratio	Lower	Upper	
93	100		
66	68.4	76.2	114.2#
65	39.7	49.3	73.9#





#7

Phenol-d6

Concen: 81.44 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

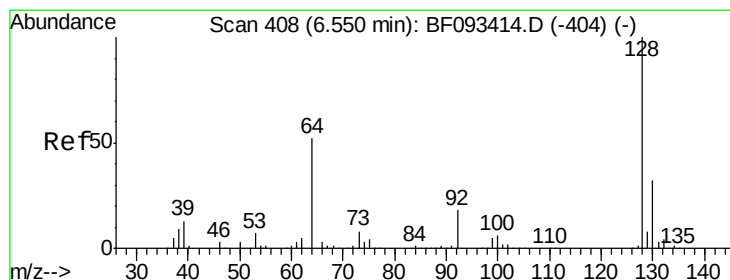
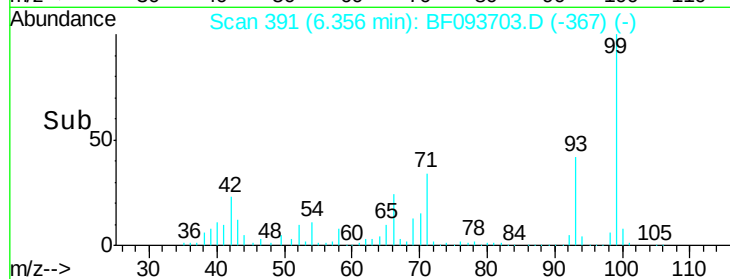
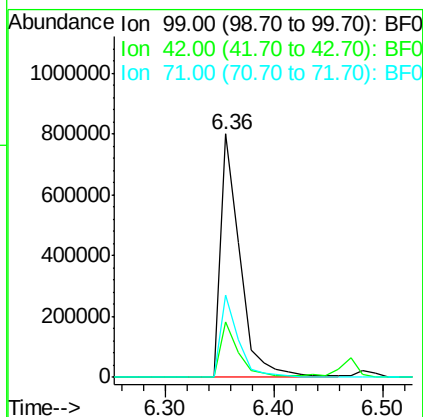
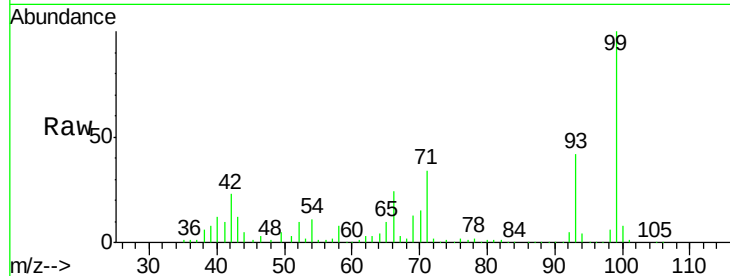
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	998505
Ion Ratio	Lower	Upper	
99	100		
42	22.6	15.6	23.4
71	33.8	27.5	41.3

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#8

2-Chlorophenol

Concen: 41.66 ng

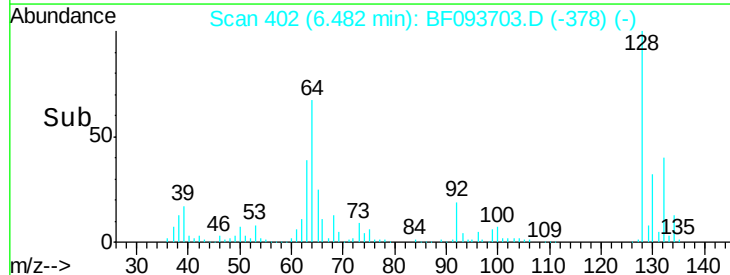
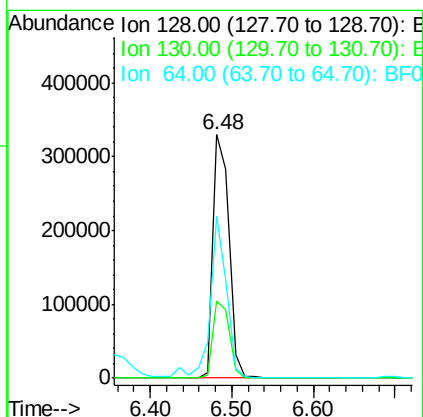
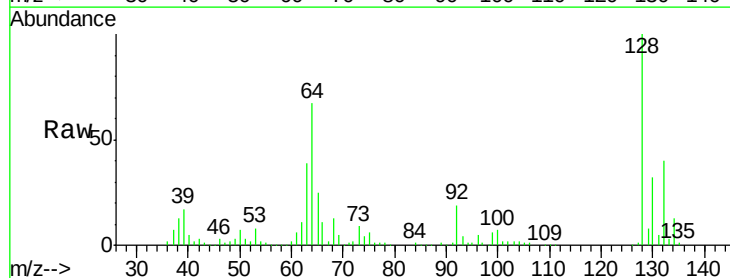
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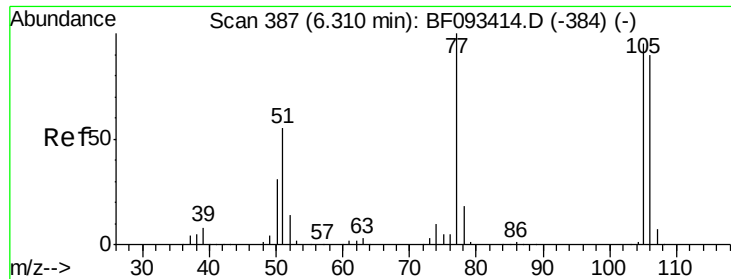
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	128	Resp:	453812
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.3	52.3
64	66.6	32.2	72.2





#9

Benzaldehyde

Concen: 35.43 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

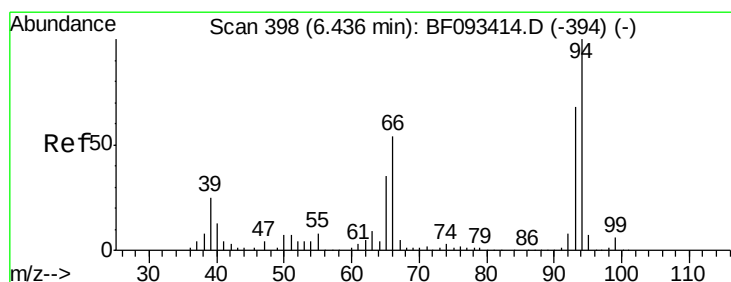
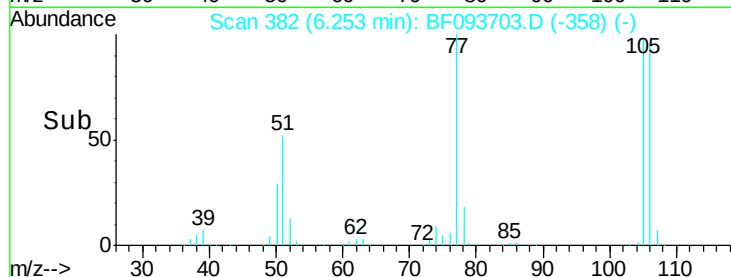
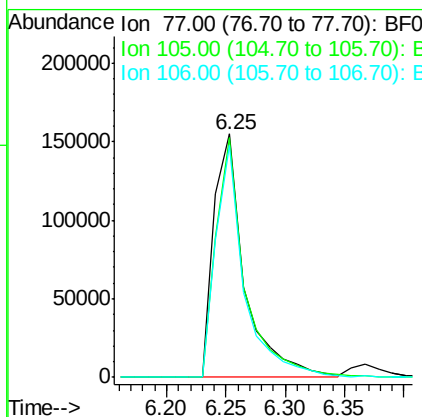
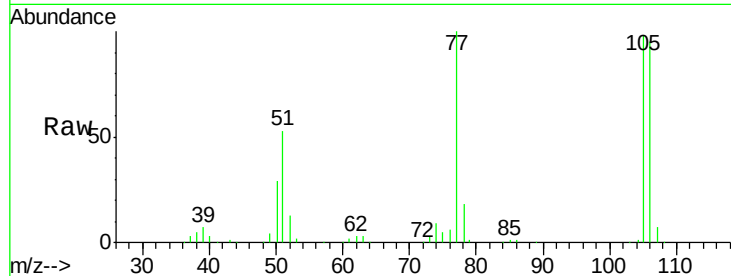
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	278287
Ion Ratio	Lower	Upper	
77	100		
105	98.3	83.9	123.9
106	95.1	77.6	117.6

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#10

Phenol

Concen: 43.75 ng

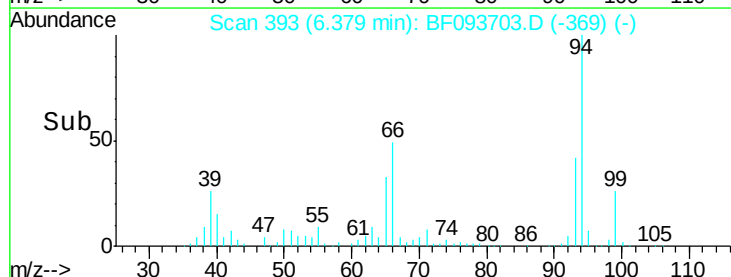
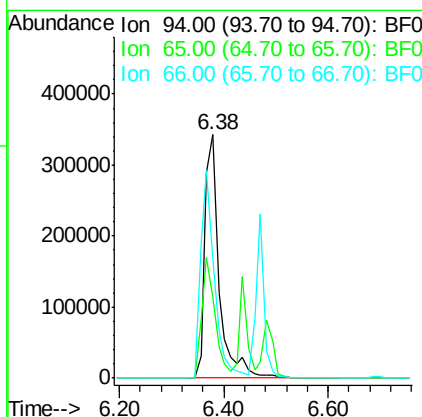
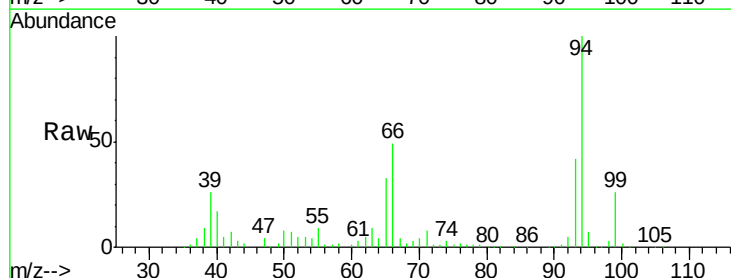
RT: 6.38 min Scan# 393

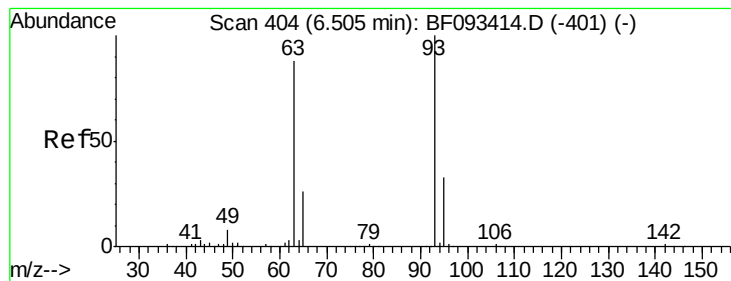
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	94	Resp:	657331
Ion Ratio	Lower	Upper	
94	100		
65	33.4	21.4	61.4
66	49.3	44.0	84.0





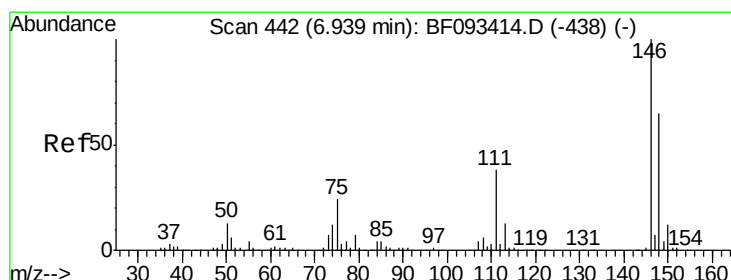
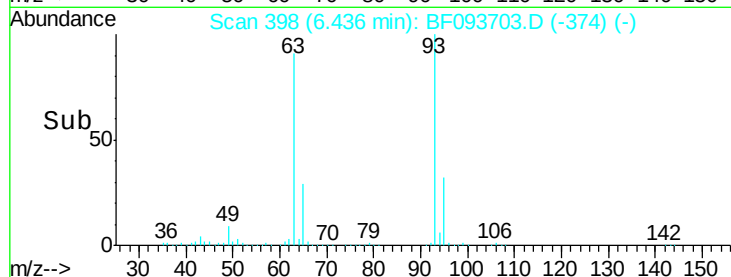
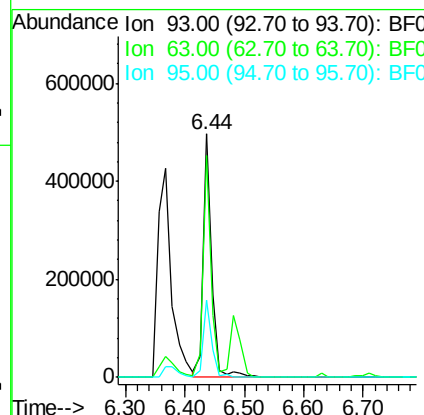
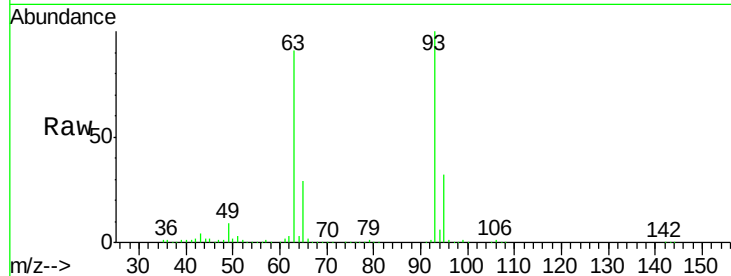
#11
bis(2-Chloroethyl)ether
Concen: 42.93 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.1	60.4	100.4
95	32.0	12.8	52.8

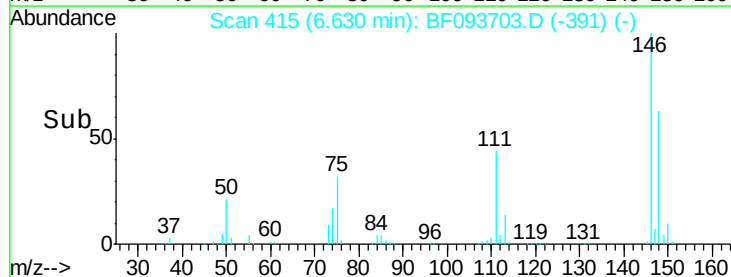
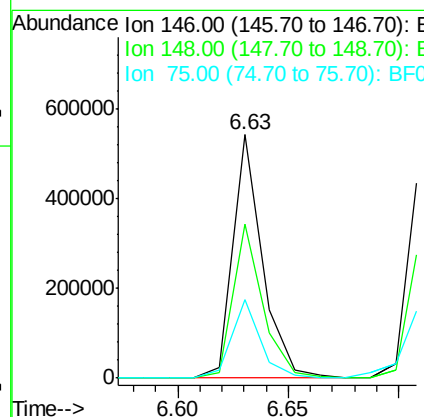
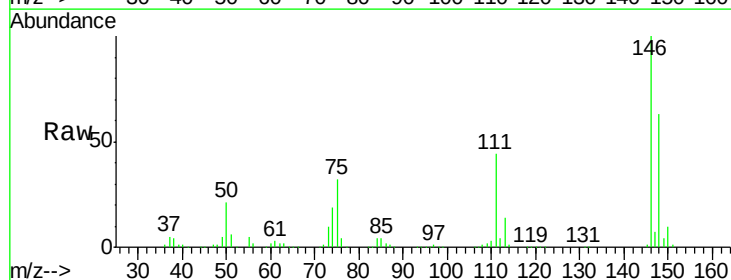
Manual Integrations
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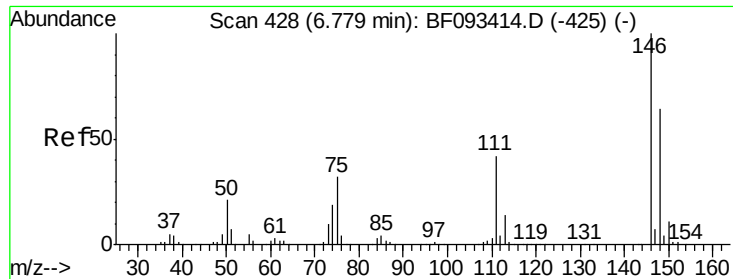
mohammad
3/17/2017 2:29:38 PM



#12
1,3-Dichlorobenzene
Concen: 40.89 ng m
RT: 6.63 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.4	80.0
75	32.3	18.5	27.7





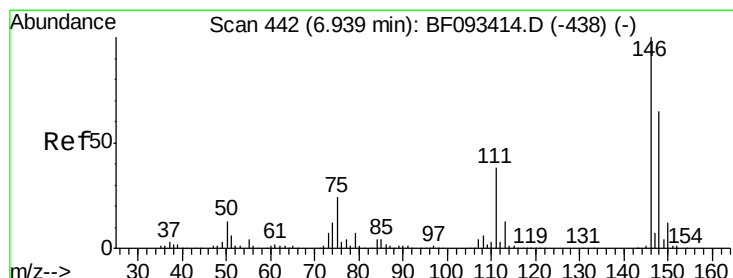
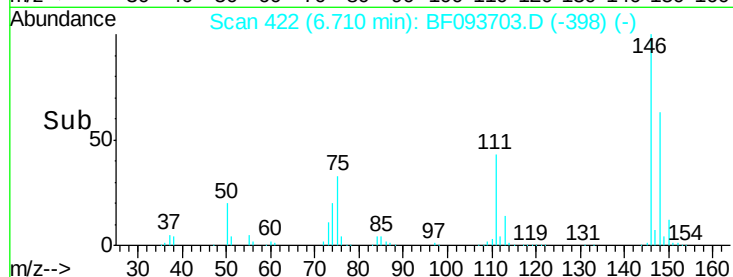
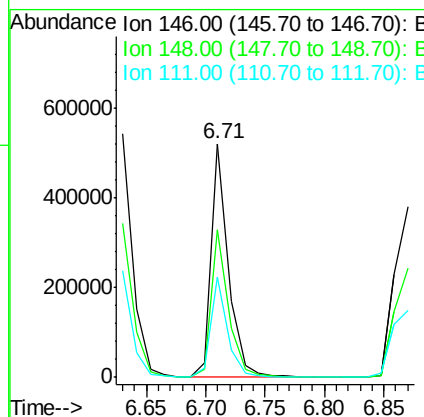
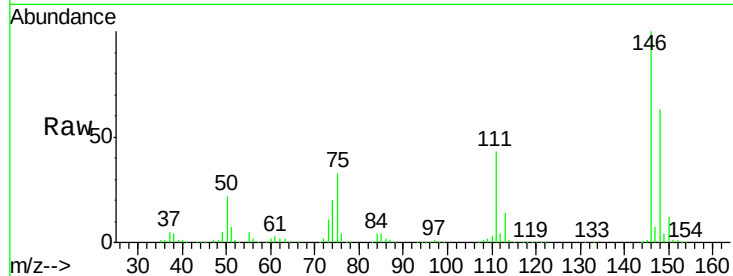
#13
1,4-Dichlorobenzene
Concen: 41.07 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	42.8	36.2	54.4

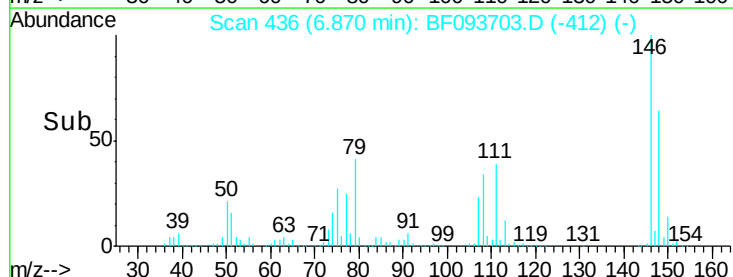
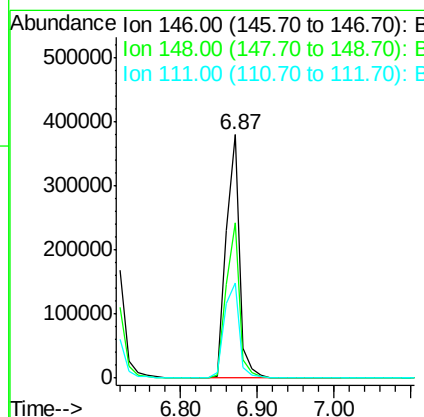
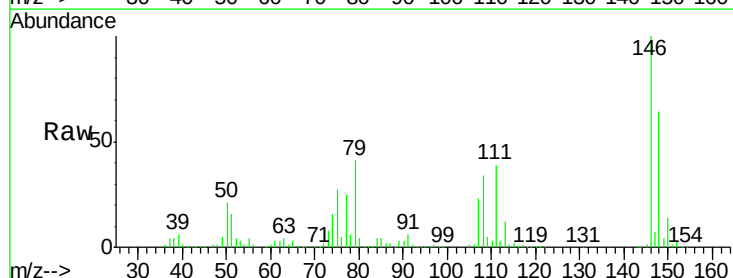
Manual Integrations
APPROVED

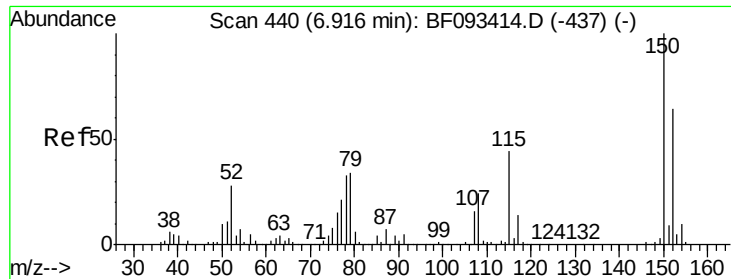
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.50 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	39.0	36.2	54.2





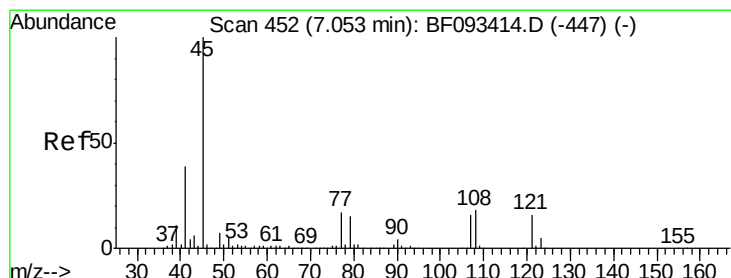
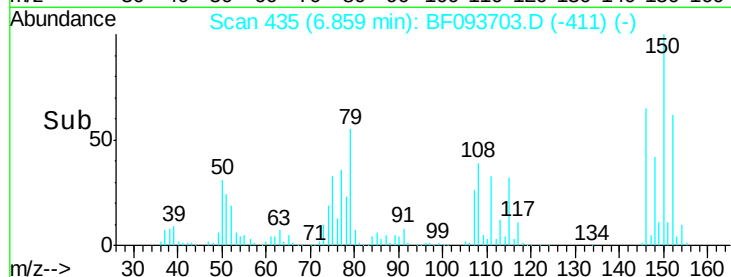
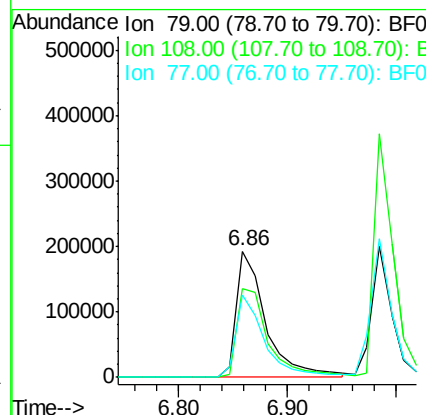
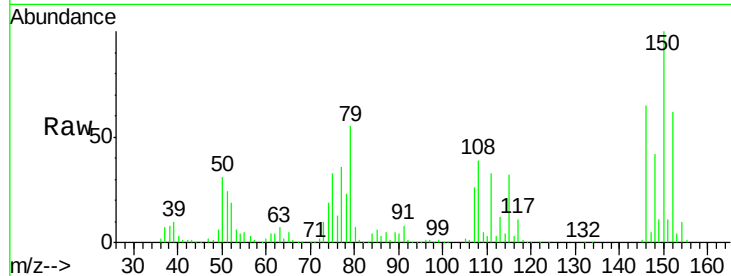
#15
Benzyl Alcohol
Concen: 41.24 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.6	61.4	92.0
77	65.1	50.9	76.3

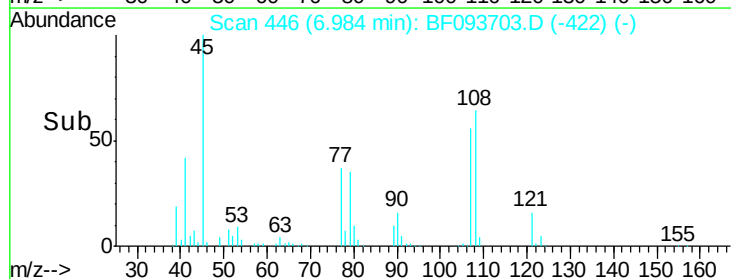
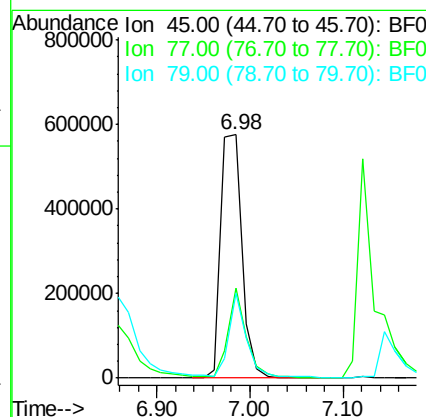
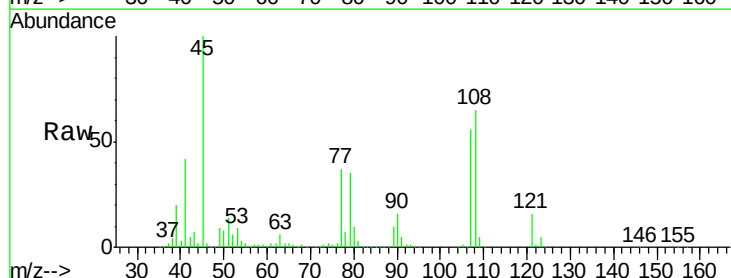
Manual Integrations
APPROVED

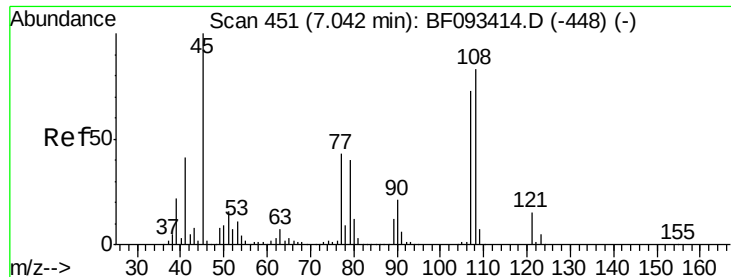
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.12 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.8	0.0	34.6#
79	34.7	0.0	31.2#





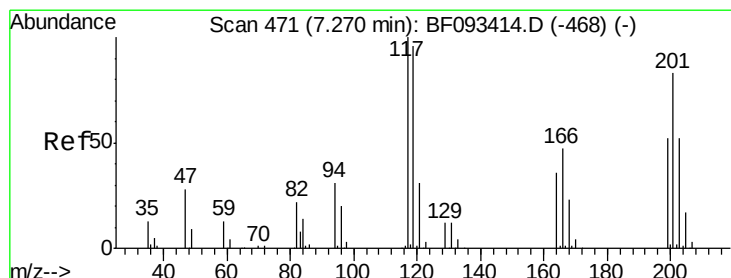
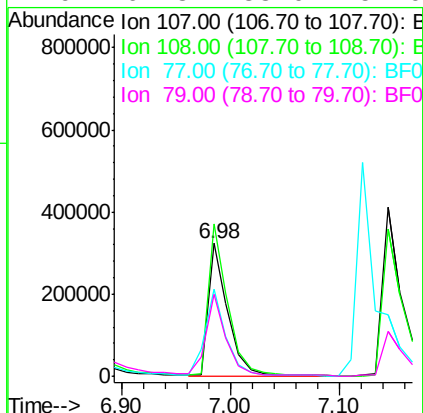
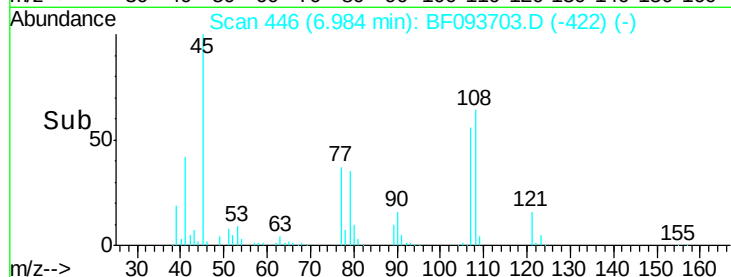
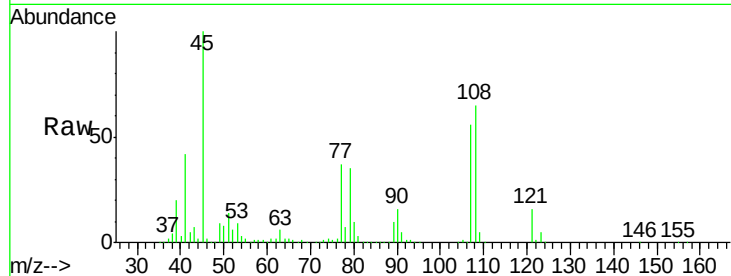
#17
2-Methylphenol
Concen: 43.30 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	93.0	139.6	
77	65.5	39.8	59.8	
79	61.8	38.0	57.0	

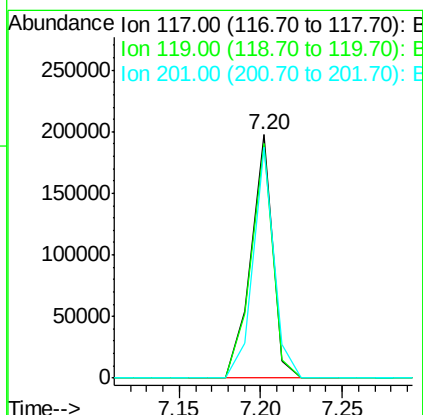
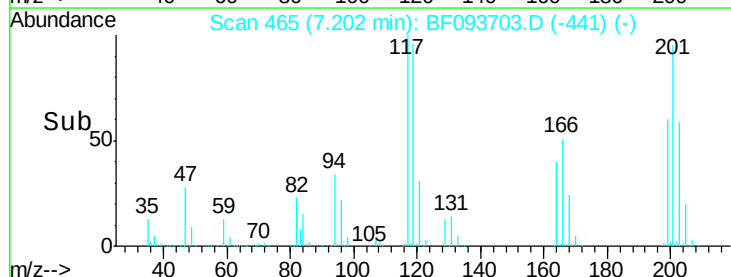
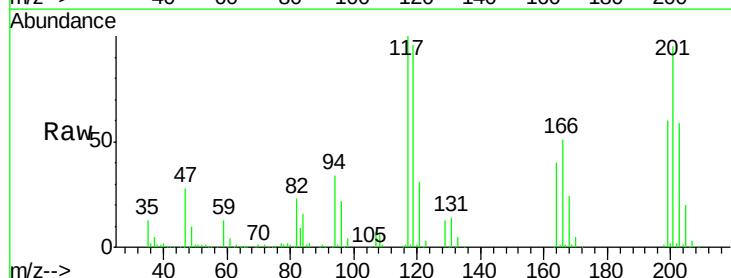
Manual Integrations
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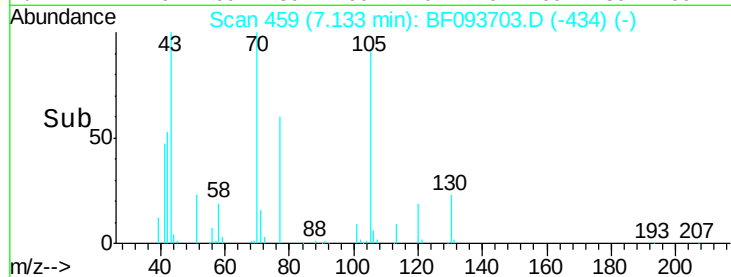
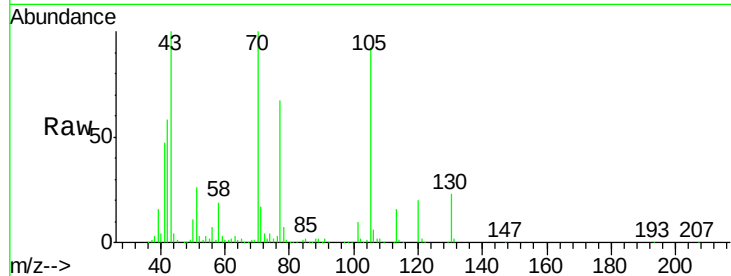
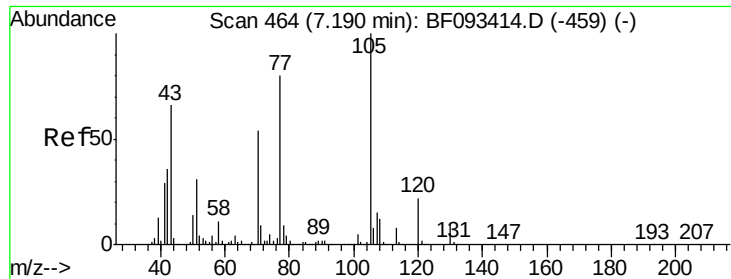
mohammad
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#18
Hexachloroethane
Concen: 42.51 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	94.8	78.6	117.8	





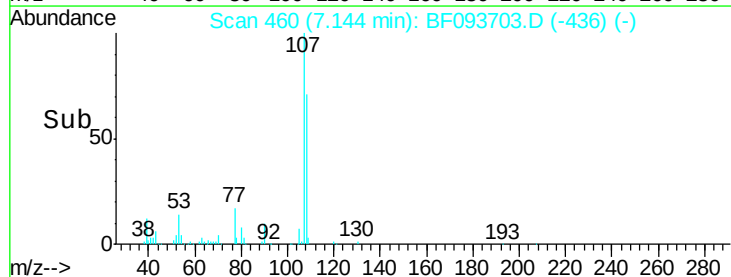
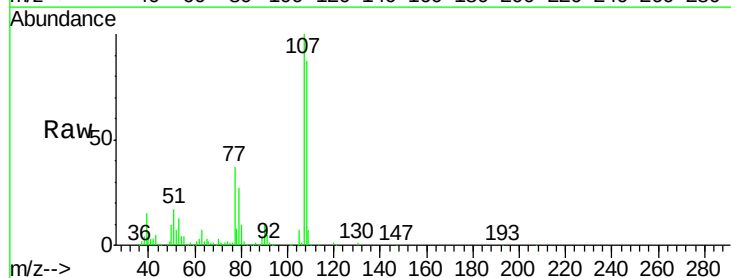
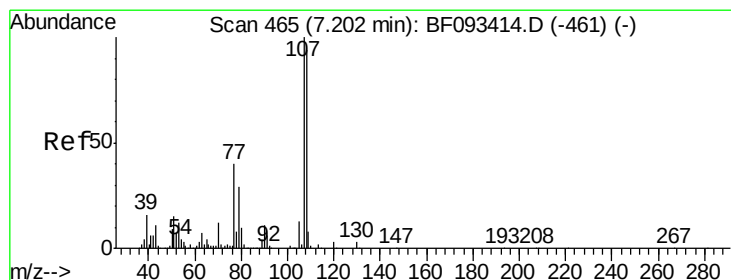
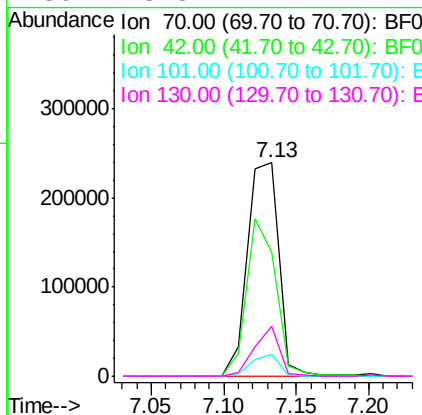
#19
n-Nitroso-di-n-propylamine
Concen: 42.64 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	49.4	74.0
101	10.0	7.4	11.2
130	23.3	14.2	21.4

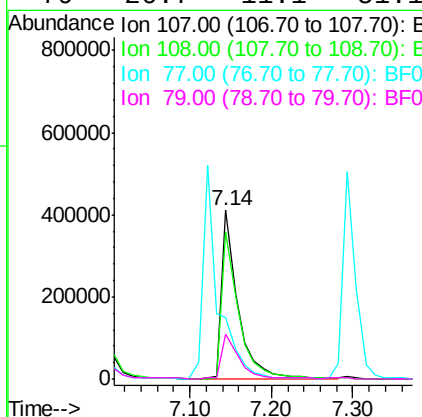
Manual Integrations
APPROVED

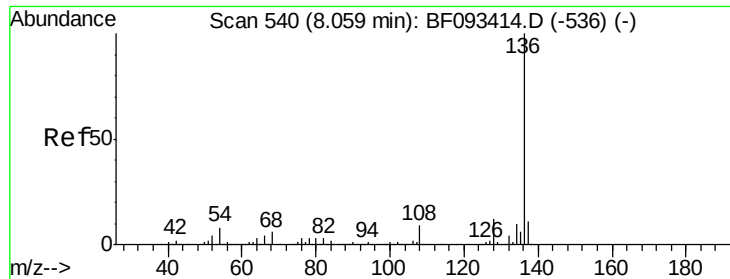
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#20
3+4-Methylphenols
Concen: 46.41 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	36.6	71.3	111.3
79	26.7	11.1	51.1





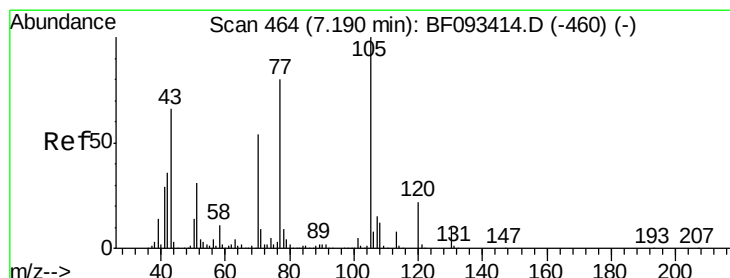
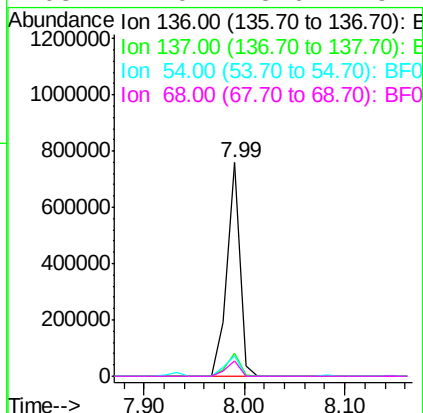
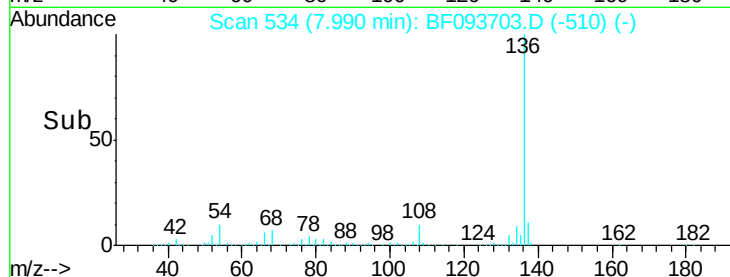
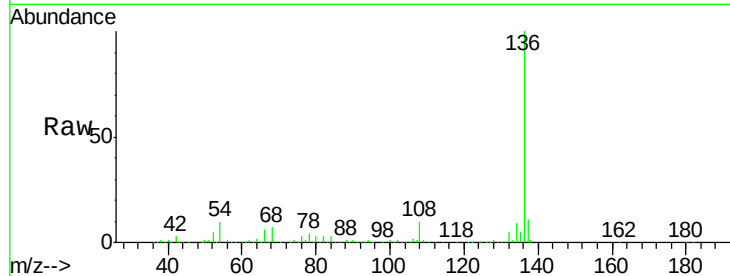
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	682144		
137	10.7	8.4	12.6	
54	9.5	4.5	6.7#	
68	7.0	3.6	5.4#	

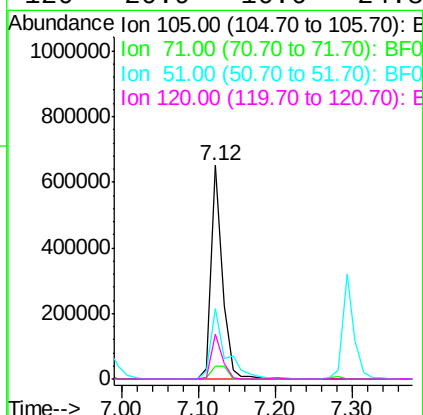
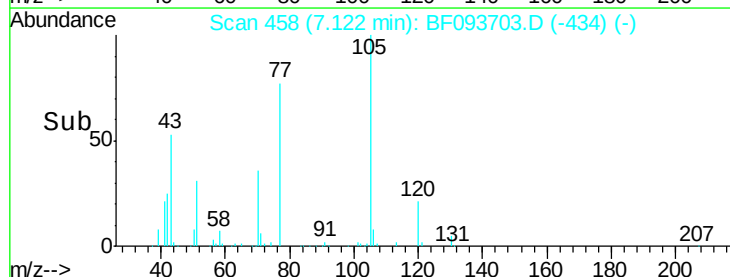
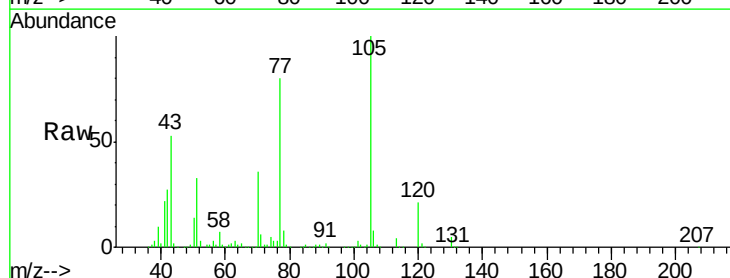
Manual Integrations
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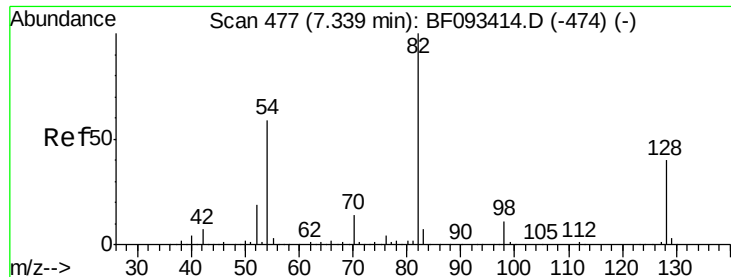
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#22
Acetophenone
Concen: 39.97 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	656199		
71	6.0	3.2	4.8#	
51	32.7	26.2	39.4	
120	20.9	16.6	24.8	





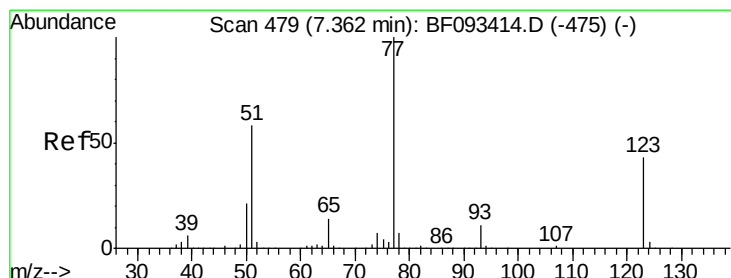
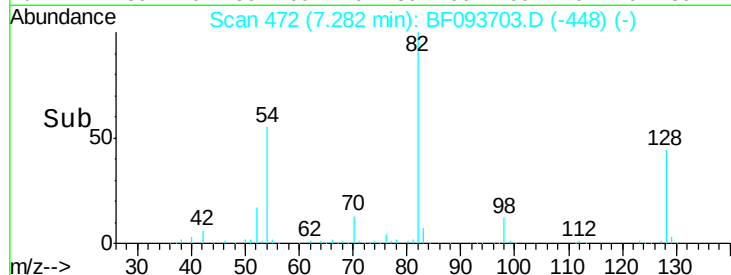
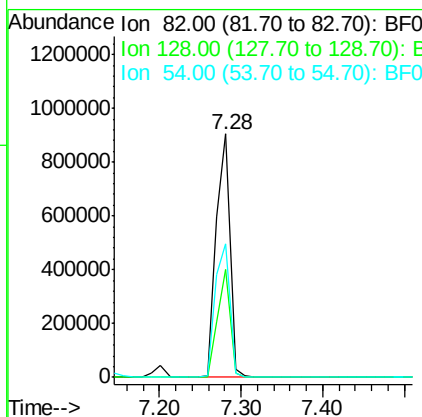
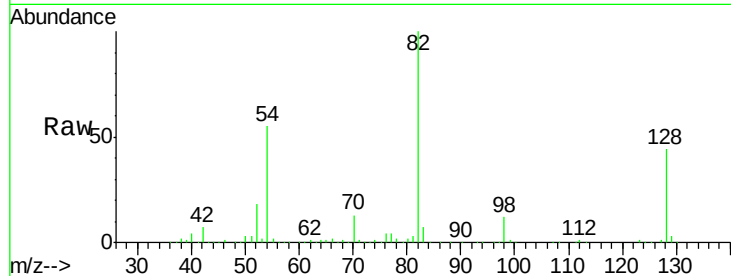
#23
 Nitrobenzene-d5
 Concen: 86.63 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	54.9	39.5	59.3

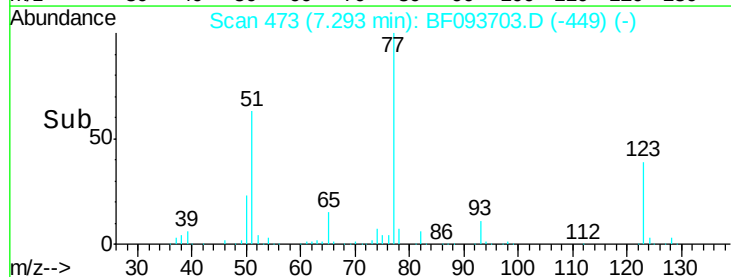
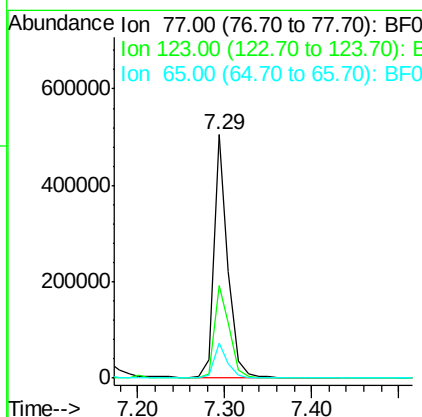
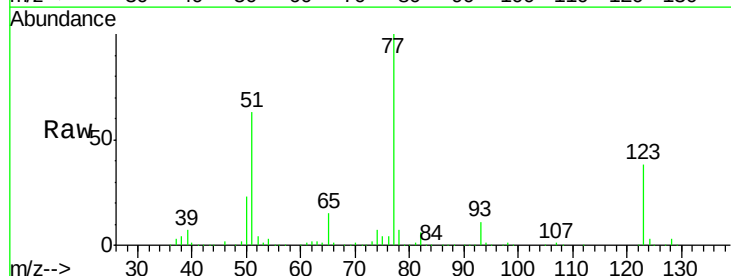
Manual Integrations
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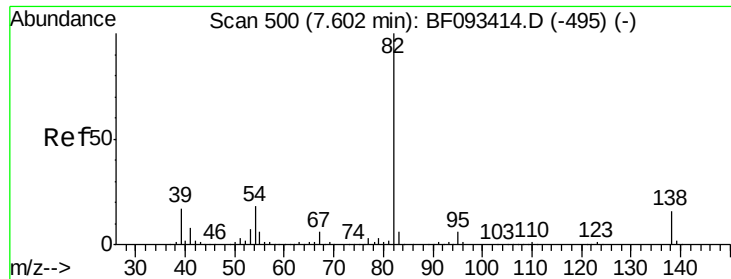
mohammad
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#24
 Nitrobenzene
 Concen: 40.58 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	33.0	49.4
65	14.6	11.2	16.8





#25

Isophorone

Concen: 39.40 ng

RT: 7.53 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

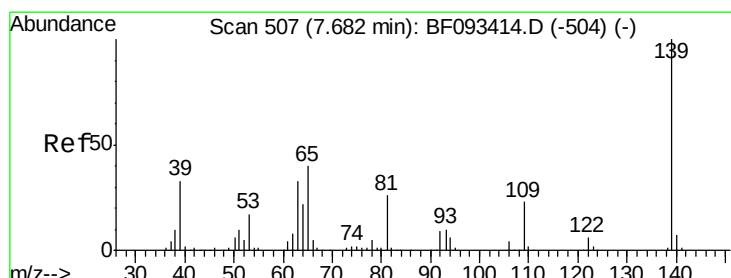
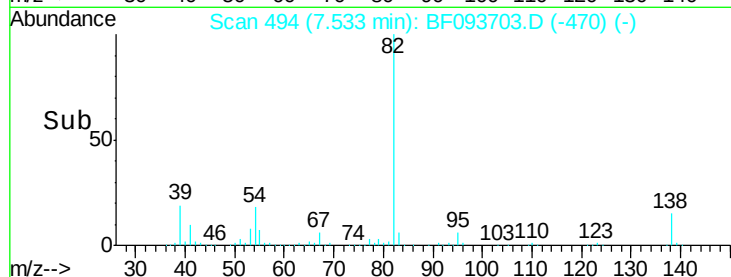
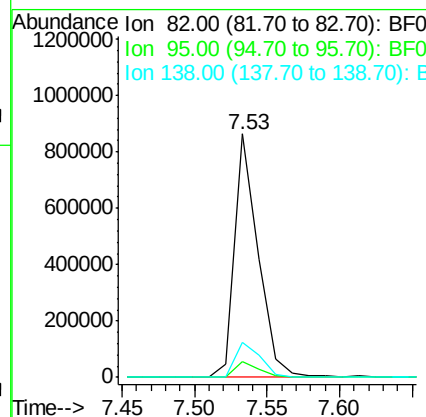
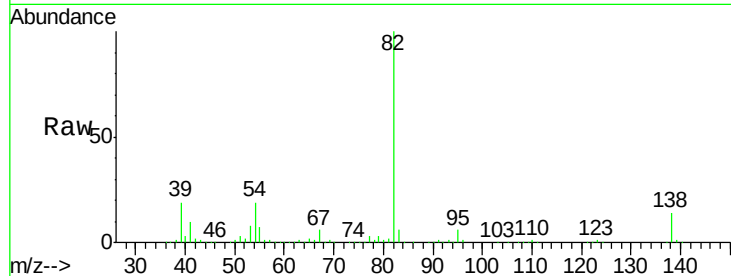
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	976923
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	14.4	14.6	22.0#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.79 ng

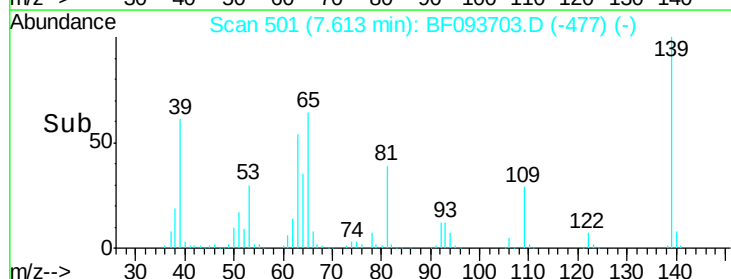
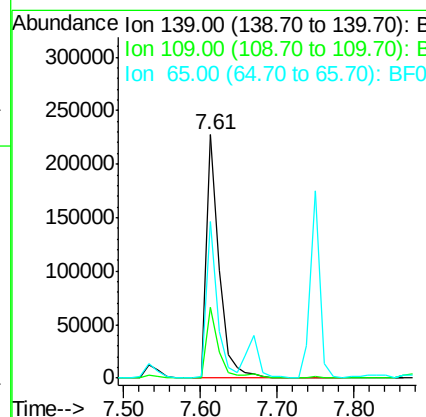
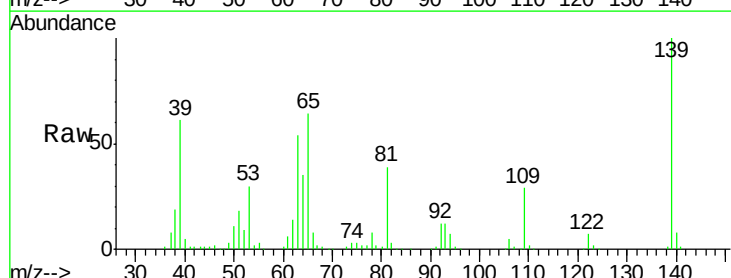
RT: 7.61 min Scan# 501

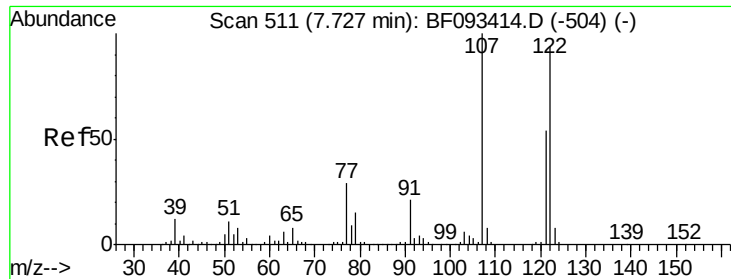
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	139	Resp:	257139
Ion Ratio		Lower	Upper
139	100		
109	29.1	23.3	34.9
65	64.2	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 37.83 ng

RT: 7.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

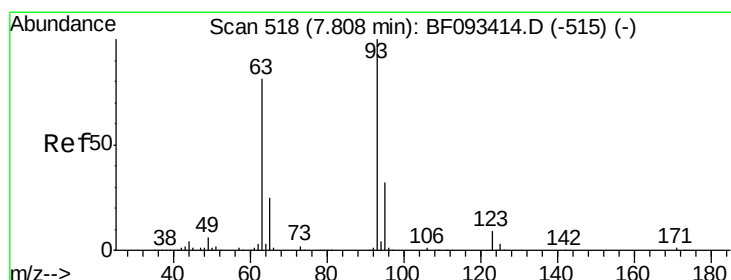
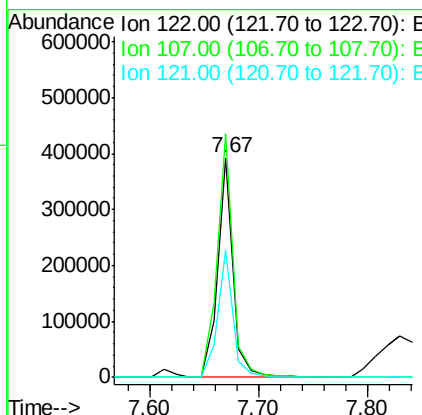
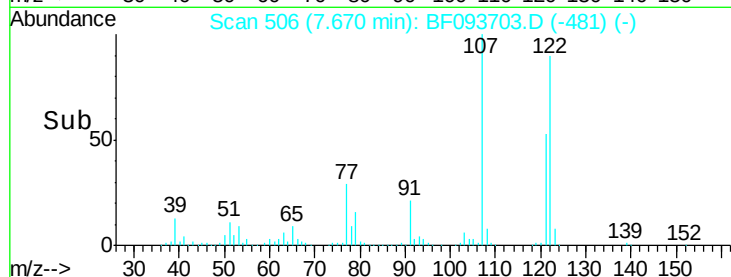
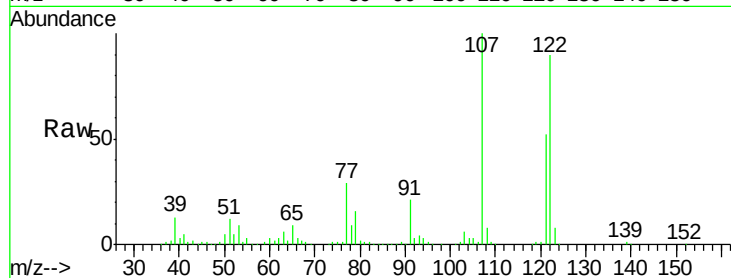
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	387997
Ion Ratio	Lower	Upper	
122	100		
107	110.7	94.1	141.1
121	58.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 41.45 ng

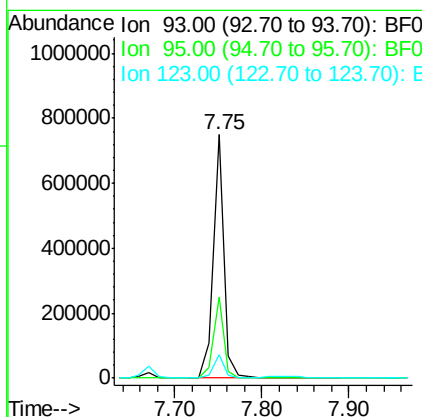
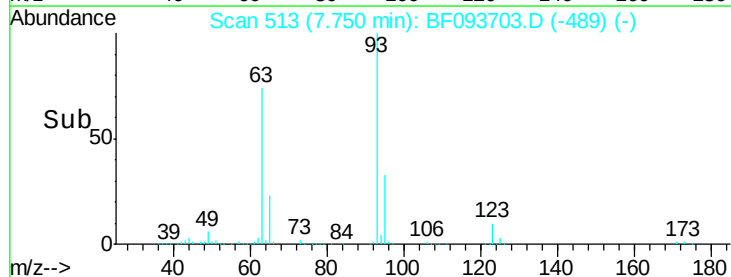
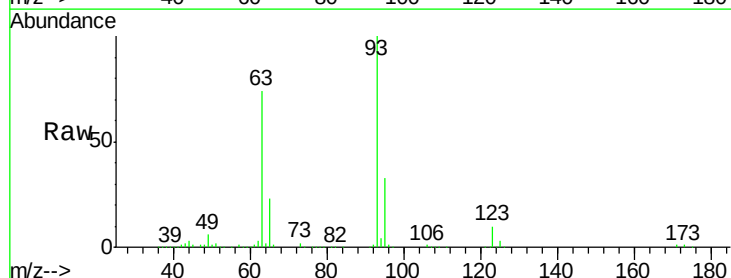
RT: 7.75 min Scan# 513

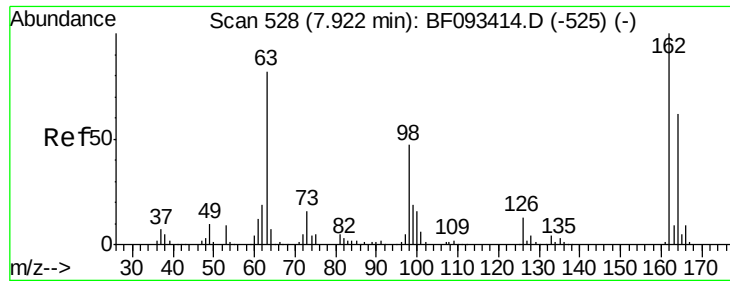
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	93	Resp:	648669
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	9.8	8.6	13.0





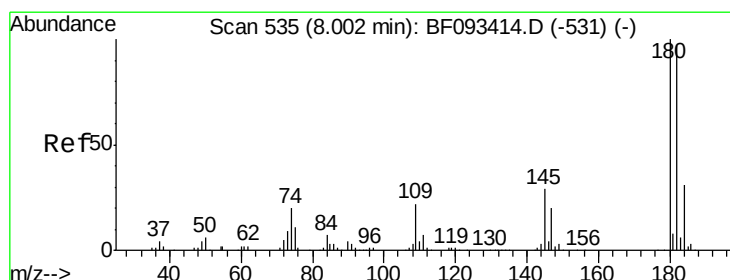
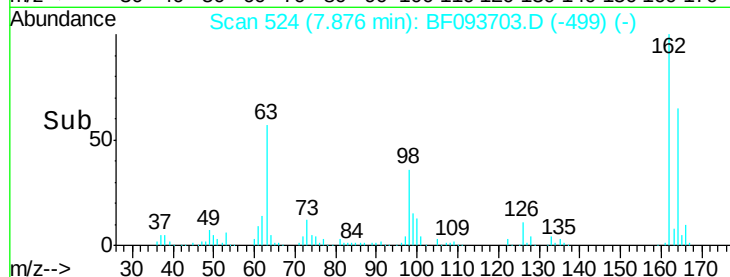
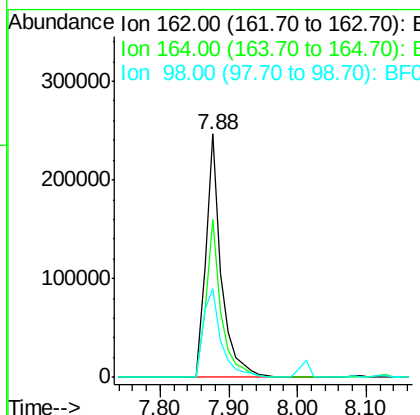
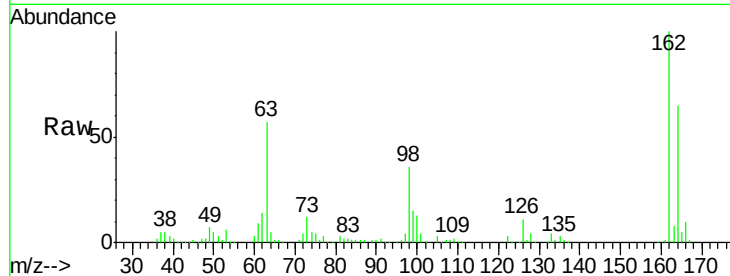
#29
2,4-Dichlorophenol
Concen: 39.75 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	383509		
164	64.8	46.8	86.8	
98	36.4	9.1	49.1	

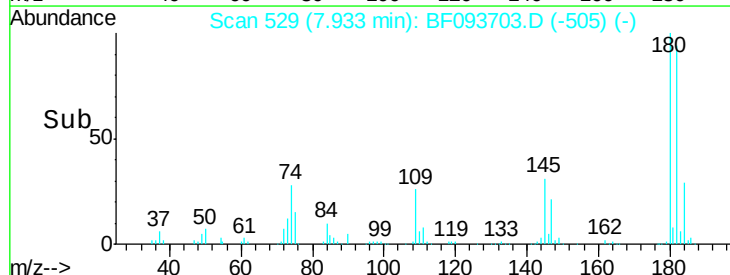
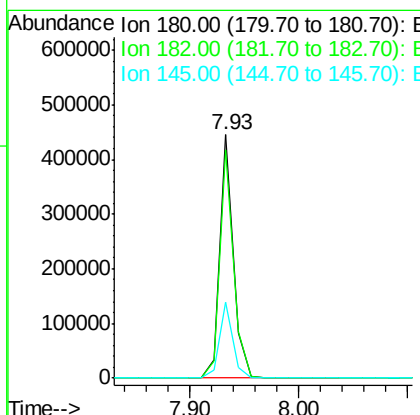
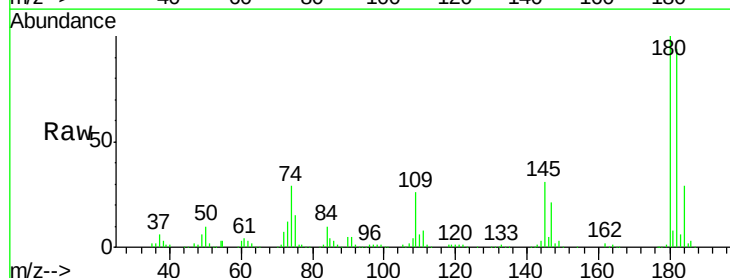
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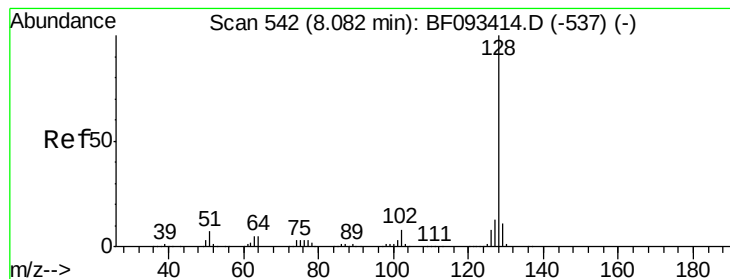
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#30
1,2,4-Trichlorobenzene
Concen: 38.04 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390334		
182	93.9	78.2	117.4	
145	31.2	21.6	32.4	





#31

Naphthalene

Concen: 39.33 ng

RT: 8.01 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1344359

Ion Ratio Lower Upper

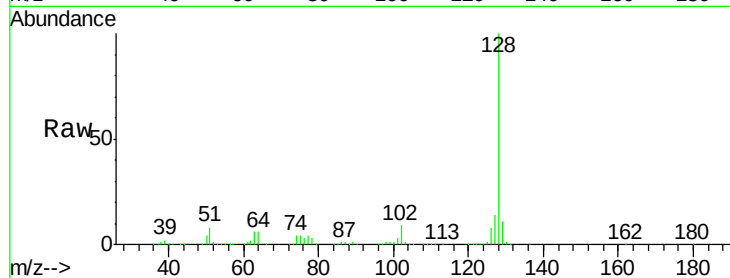
128 100

129 11.0 9.5 14.3

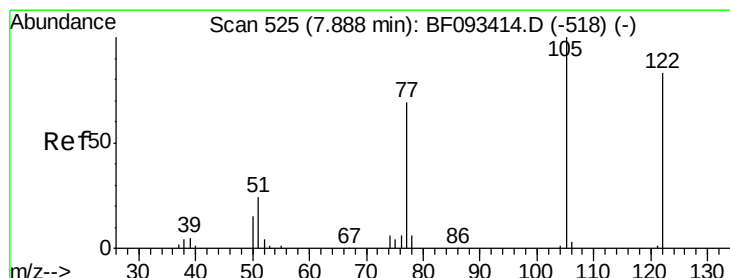
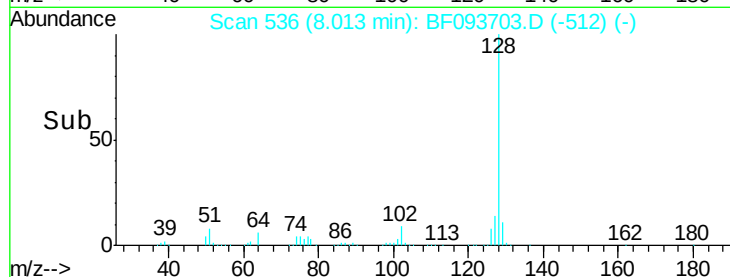
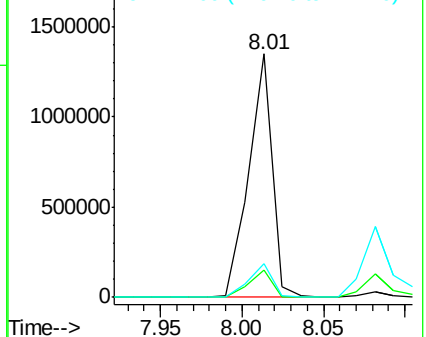
127 13.9 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.83 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

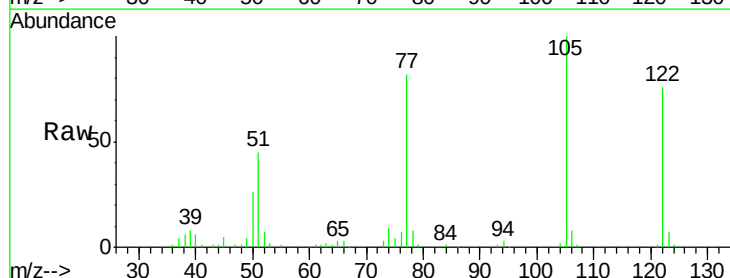
Tgt Ion:122 Resp: 206916

Ion Ratio Lower Upper

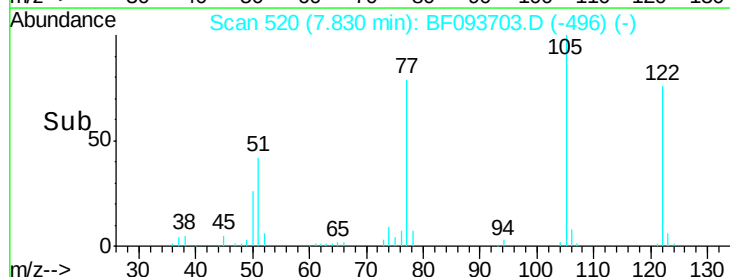
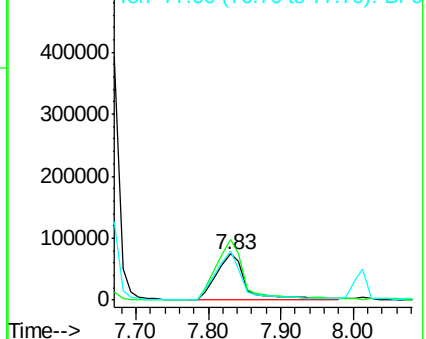
122 100

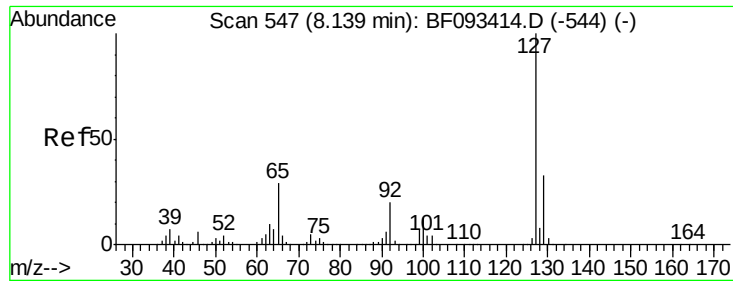
105 131.7 107.2 147.2

77 107.5 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





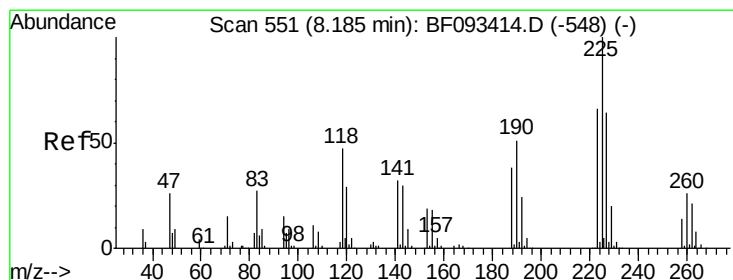
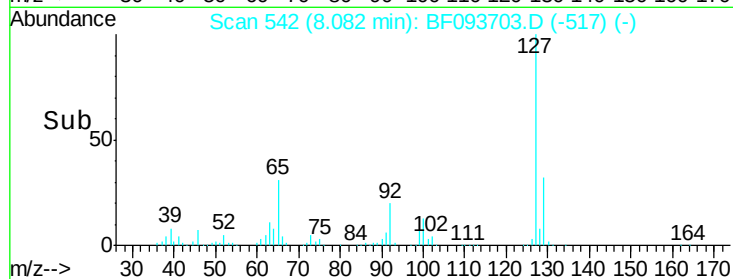
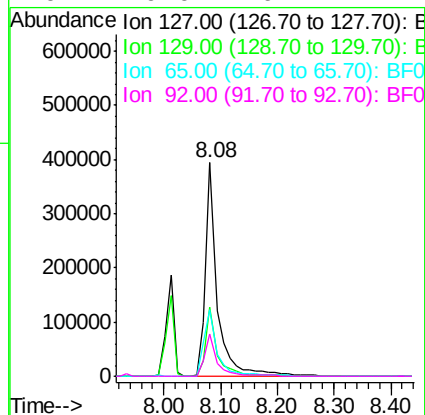
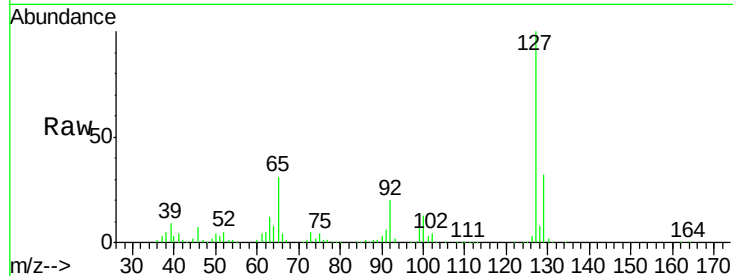
#33
4-Chloroaniline
Concen: 39.43 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	31.0	25.8	38.8		
92	20.0	16.1	24.1		

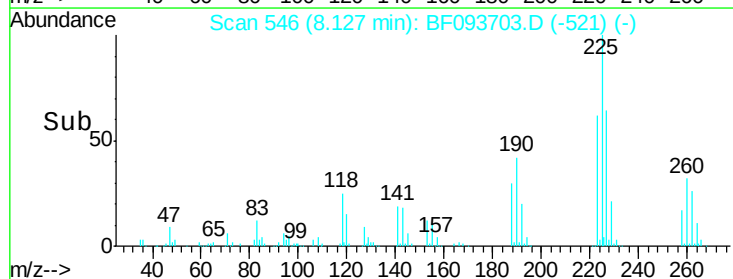
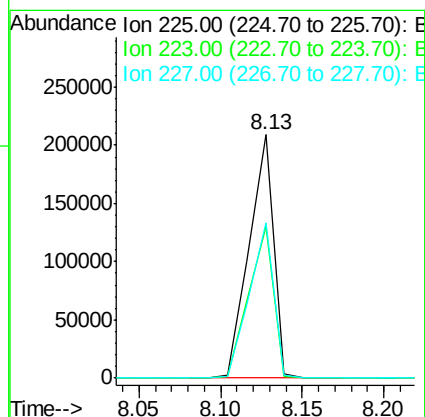
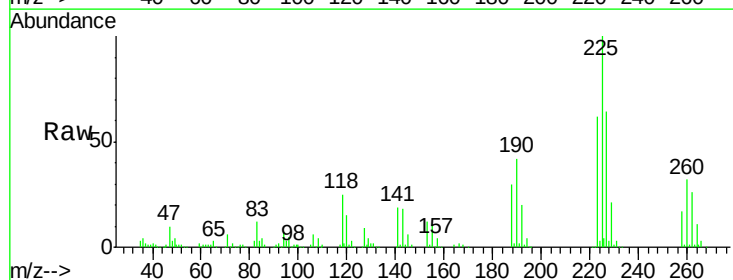
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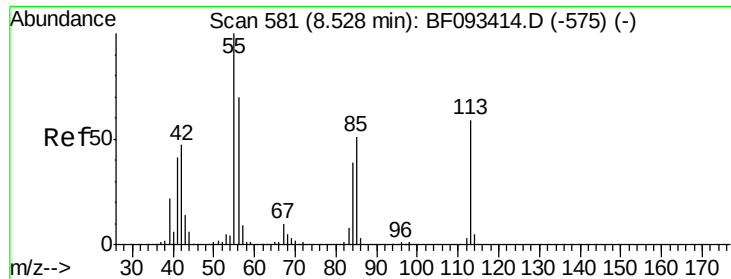
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#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	51.0	76.6		
227	63.9	50.6	76.0		





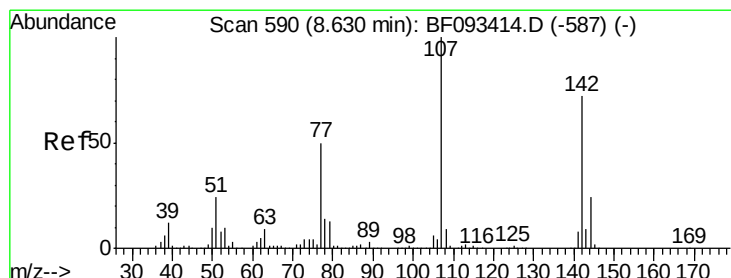
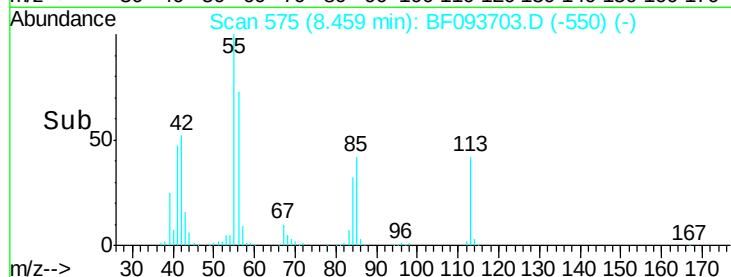
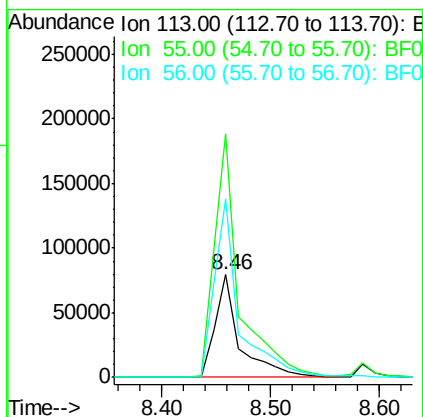
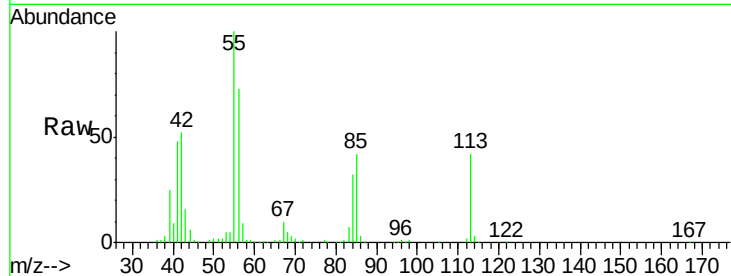
#35
 Caprolactam
 Concen: 38.07 ng
 RT: 8.46 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	237.5	119.2	159.2#
56	174.1	83.8	123.8#

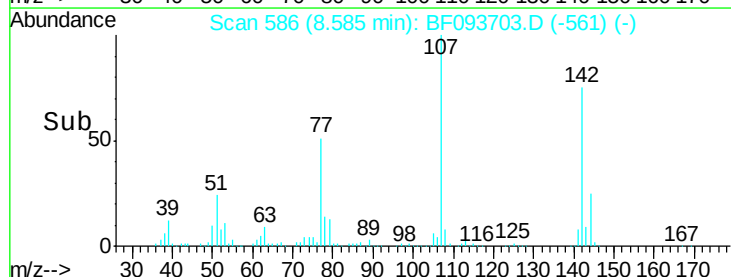
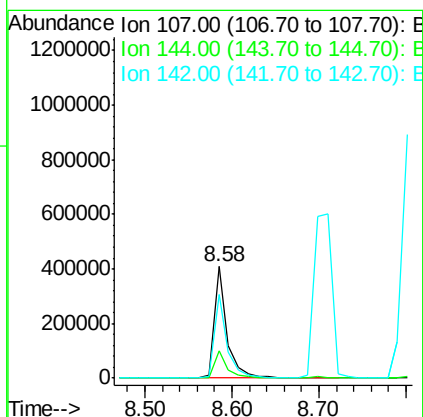
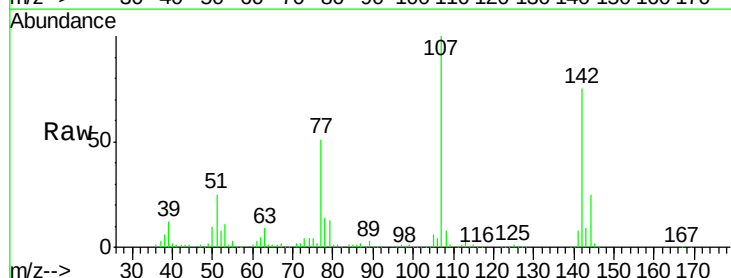
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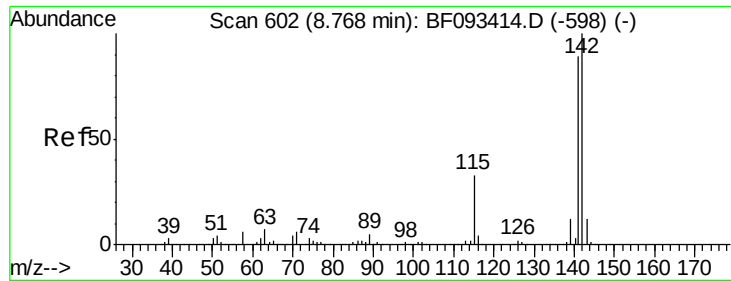
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#36
 4-Chloro-3-methylphenol
 Concen: 40.99 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.3	28.9
142	74.5	59.0	88.6





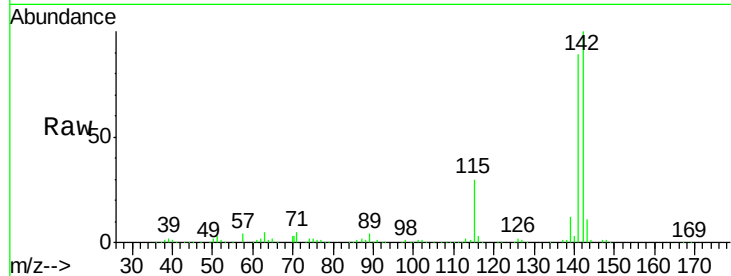
#37
2-Methylnaphthalene
Concen: 38.49 ng
RT: 8.71 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

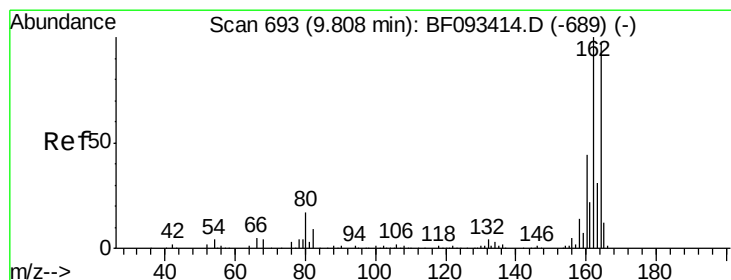
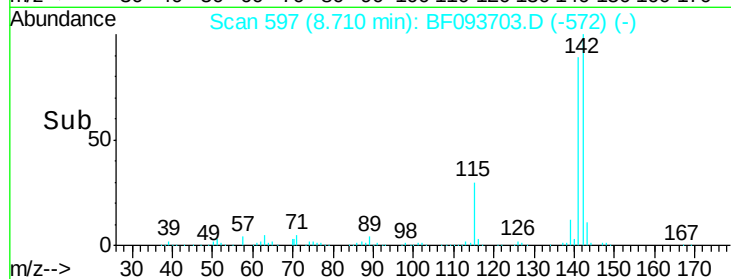
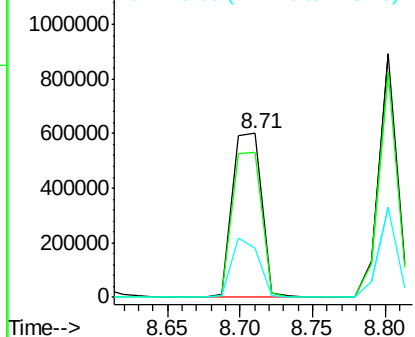
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	30.1	28.3	42.5

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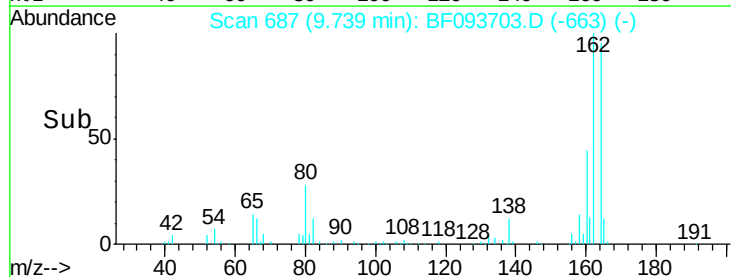
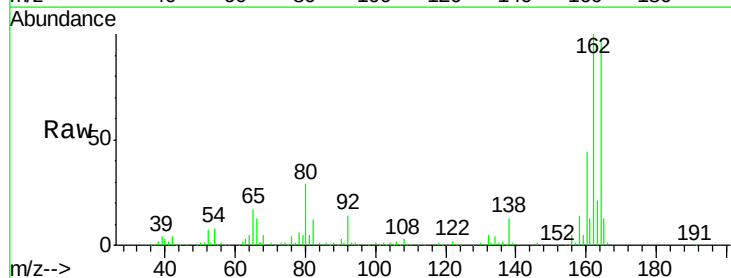
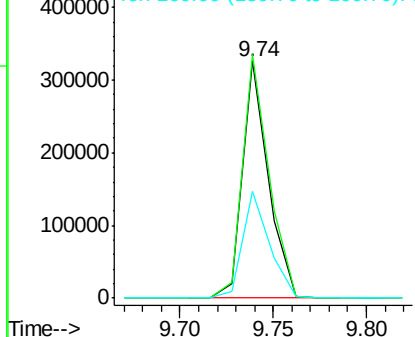
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

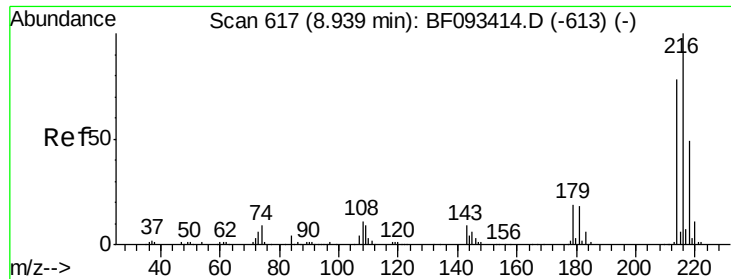


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.9	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





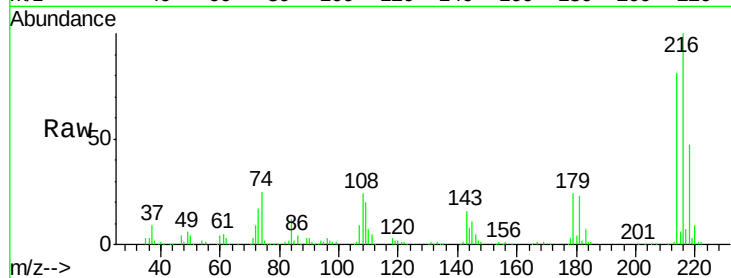
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.76 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

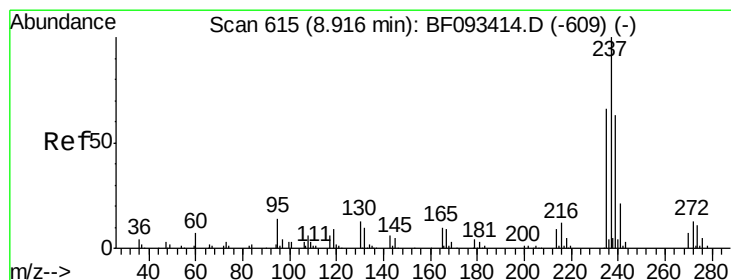
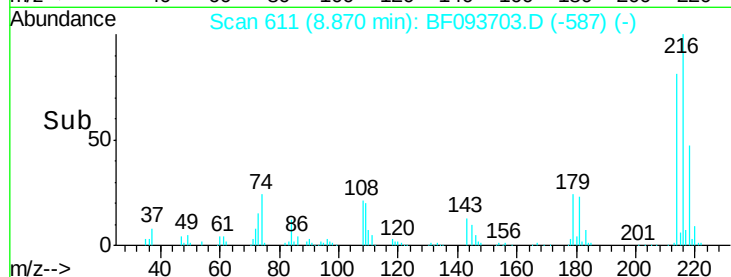
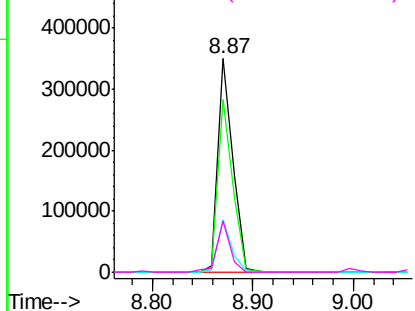
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.2	17.4	26.2
108	21.3	15.6	23.4

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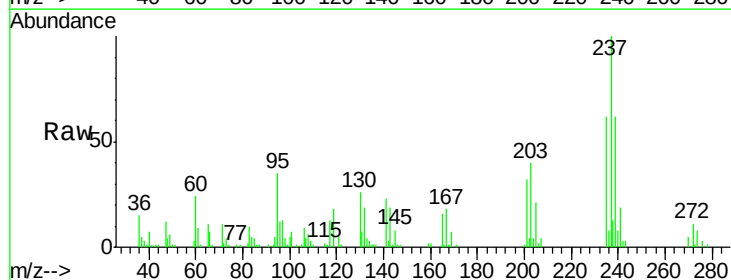


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

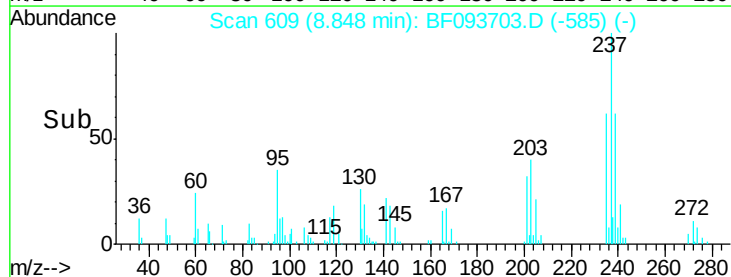
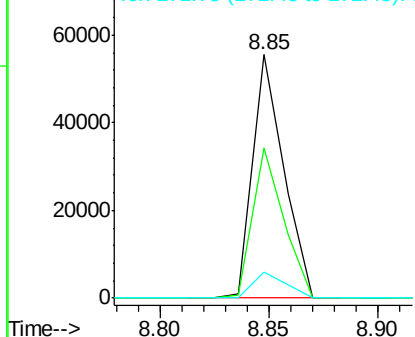


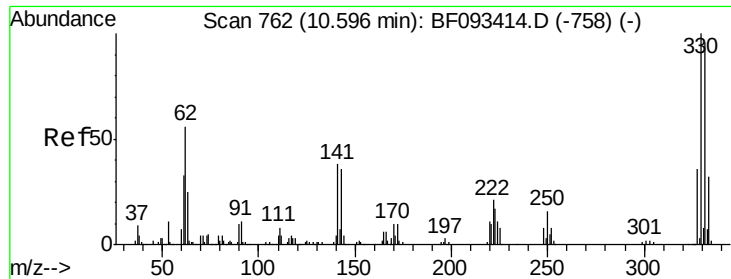
#40
 Hexachlorocyclopentadiene
 Concen: 33.76 ng
 RT: 8.85 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.2	81.2
272	10.6	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





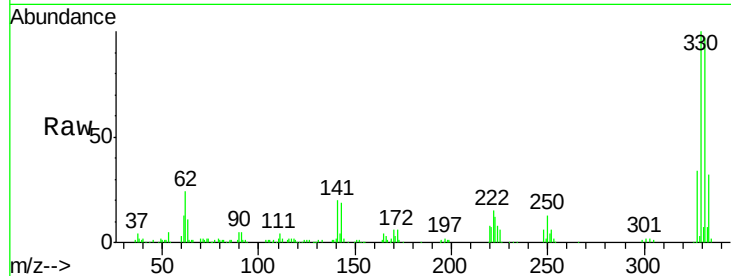
#41
 2,4,6-Tribromophenol
 Concen: 93.47 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

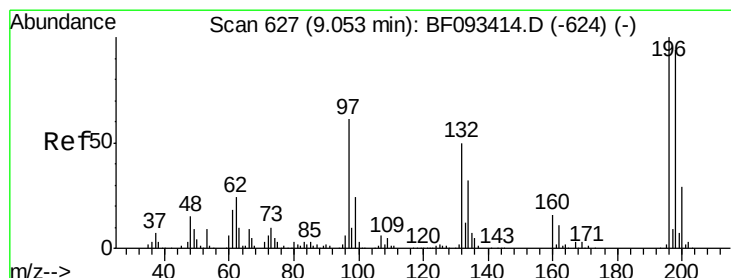
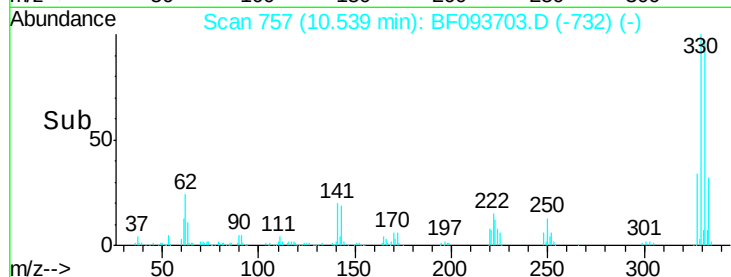
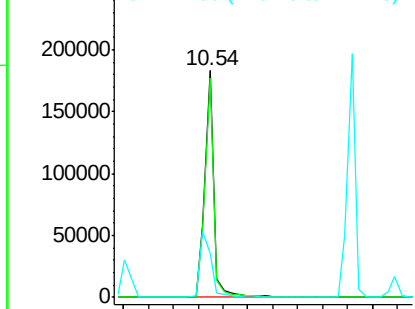
Tot Ion	Ratio	Resp	Lower	Upper
330	100	189935		
332	94.9		77.4	116.2
141	35.1		34.1	51.1

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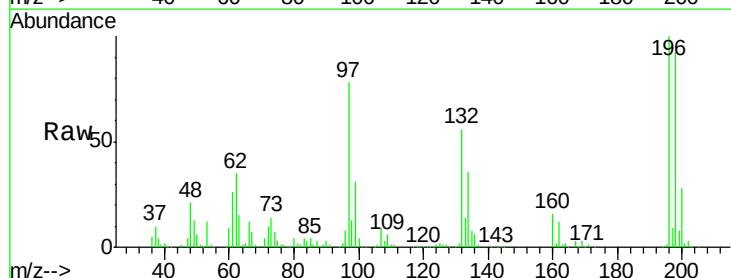


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

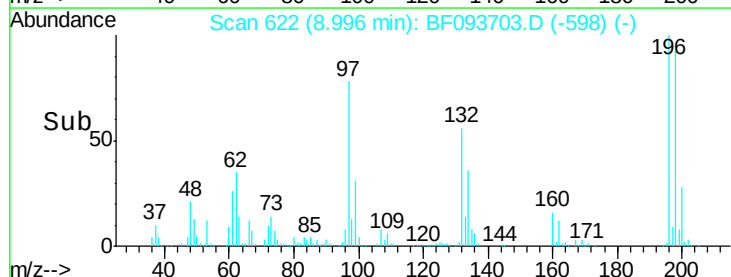
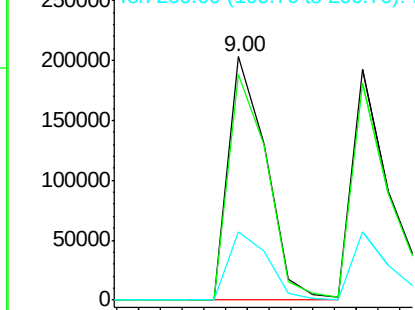


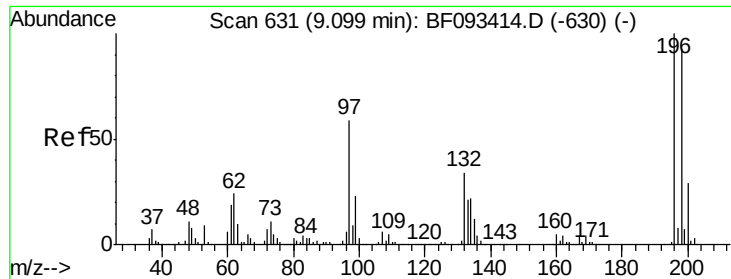
#42
 2,4,6-Trichlorophenol
 Concen: 46.19 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245794		
198	92.5		82.1	123.1
200	28.3		27.0	40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





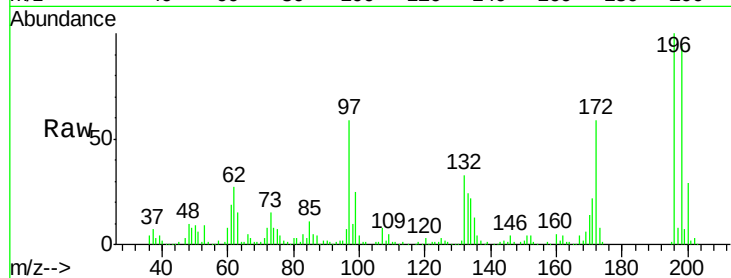
#43
 2,4,5-Trichlorophenol
 Concen: 44.41 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253553		
198	94.0	79.4	119.2	
97	59.3	51.5	77.3	
132	32.7	27.4	41.2	

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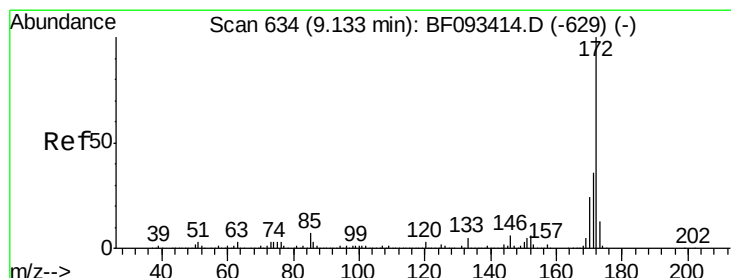
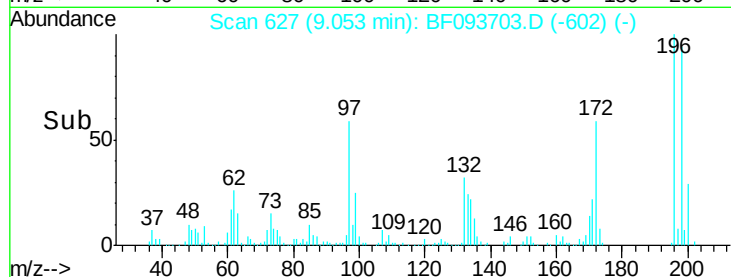
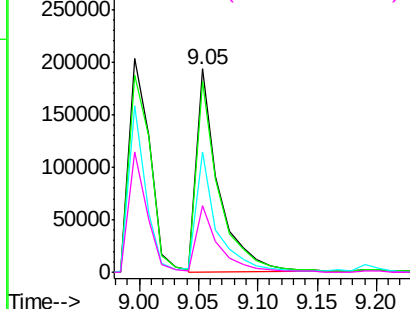
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

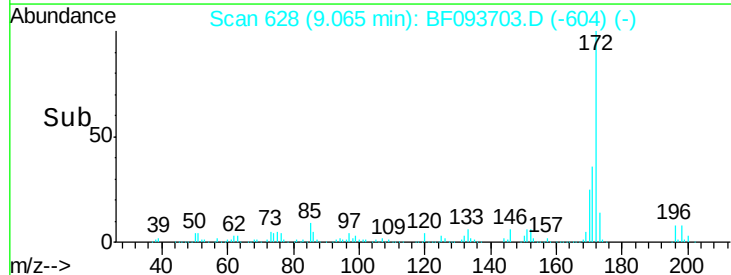
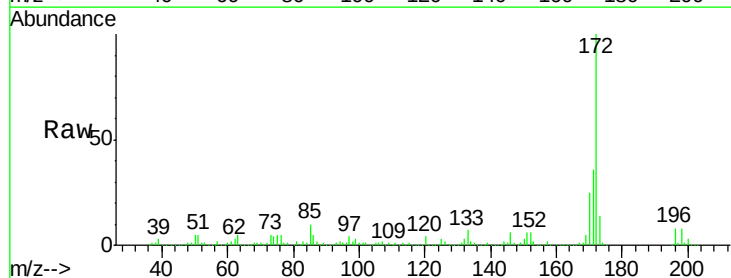
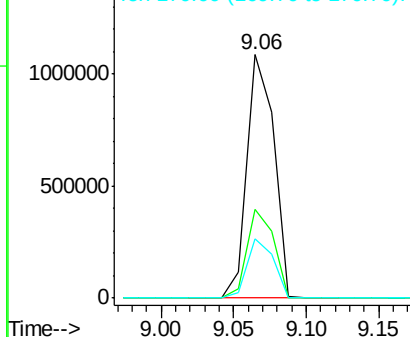
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1403492		
171	36.3	29.4	44.0	
170	24.5	20.2	30.4	

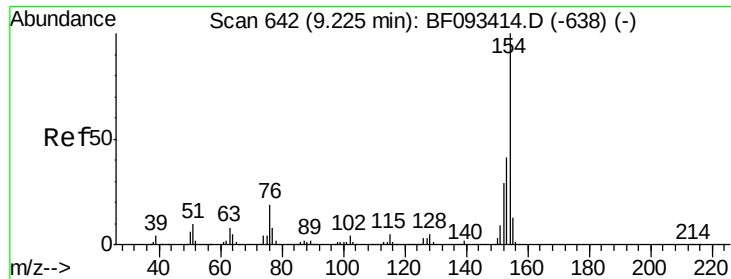
Abundance

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





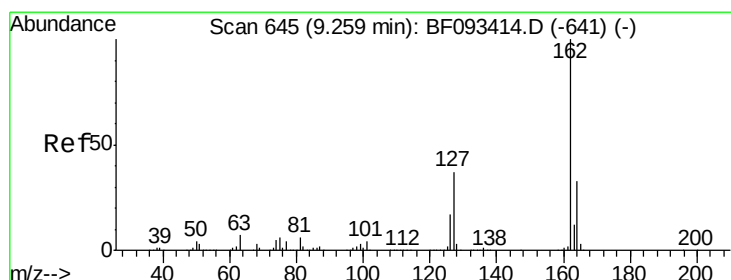
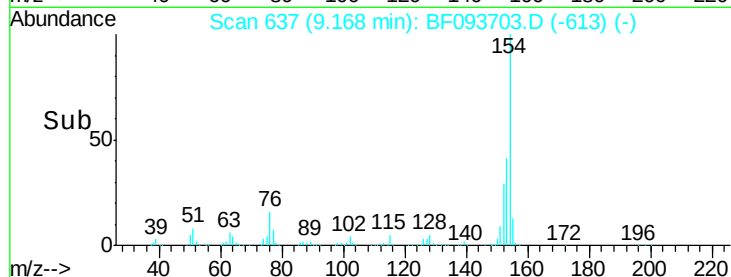
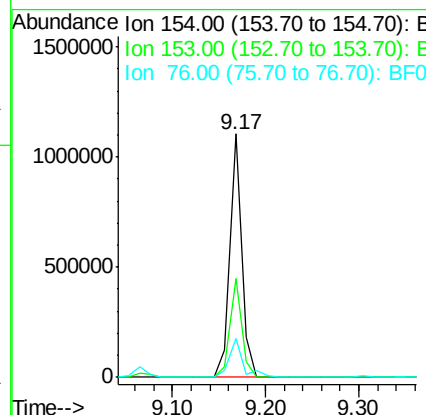
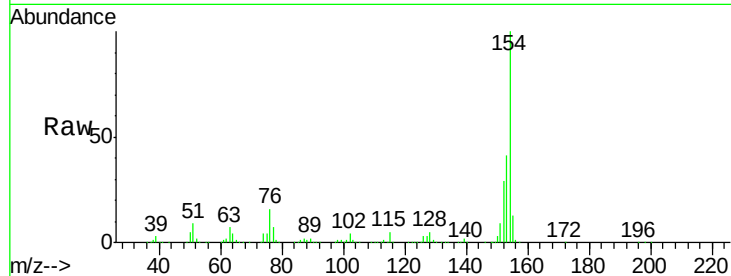
#45
 1,1'-Biphenyl
 Concen: 43.02 ng
 RT: 9.17 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	154	Resp:	977502
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.9	60.9
76	16.1	0.0	30.5

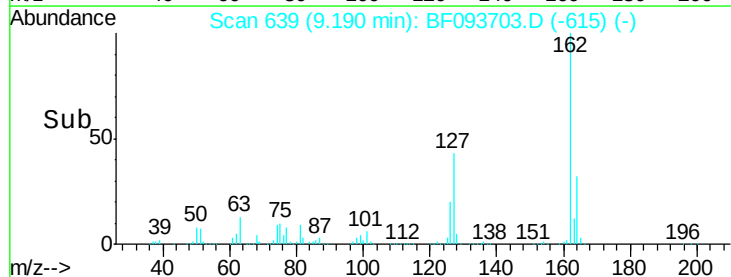
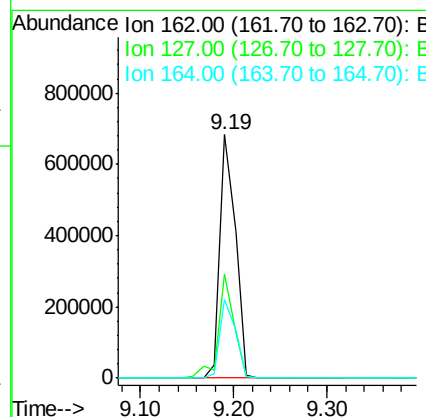
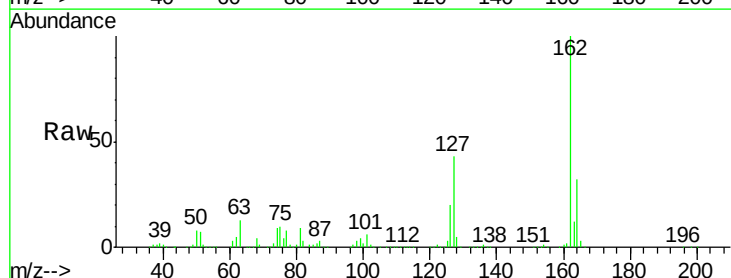
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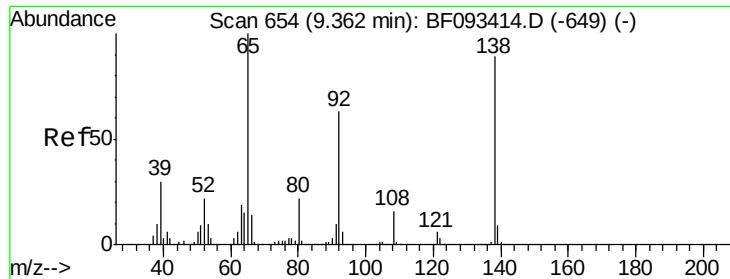
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#46
 2-Chloronaphthalene
 Concen: 45.28 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion:	162	Resp:	787477
Ion Ratio	Lower	Upper	
162	100		
127	42.9	30.7	46.1
164	32.1	27.6	41.4





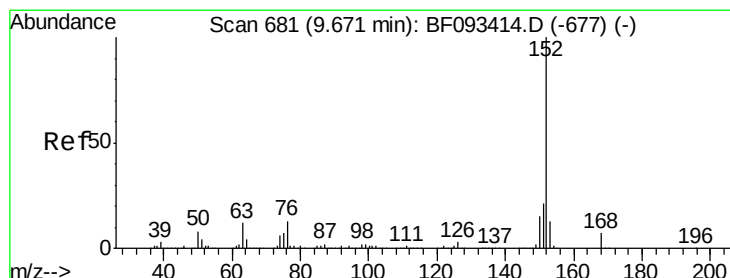
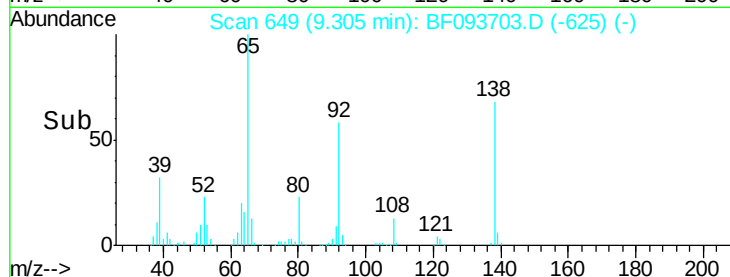
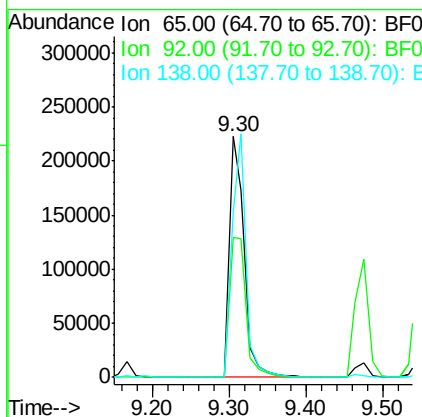
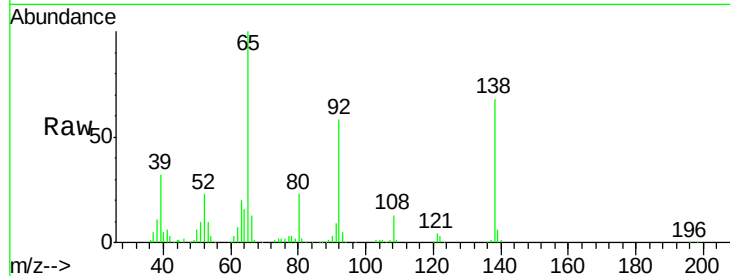
#47
2-Nitroaniline
Concen: 49.84 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.3	53.9	80.9
138	68.5	76.8	115.2

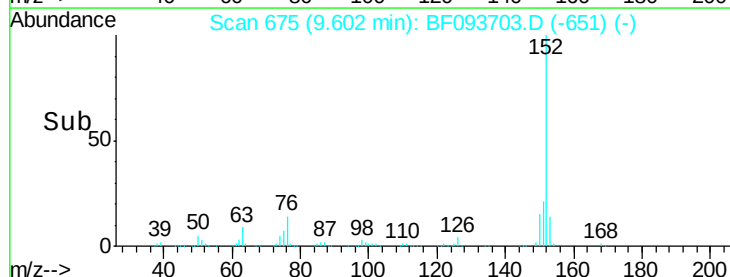
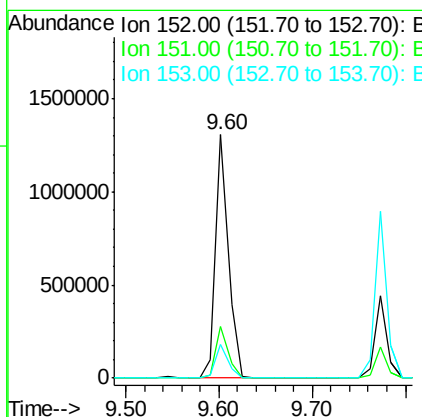
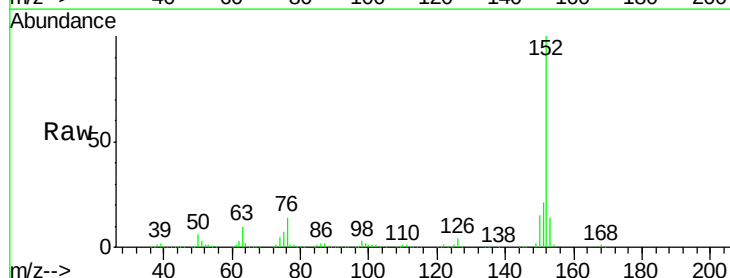
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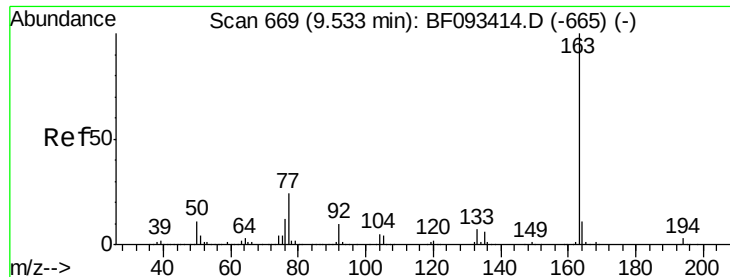
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#48
Acenaphthylene
Concen: 43.34 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.6	11.4	17.2





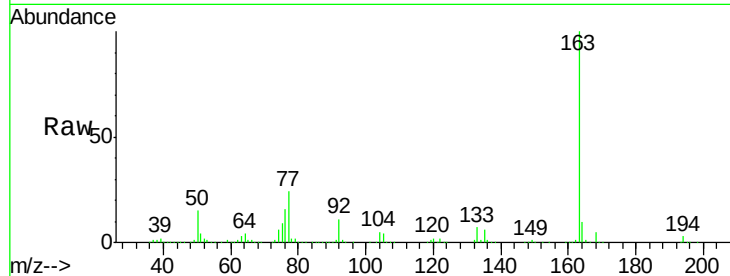
#49
Dimethylphthalate
Concen: 41.16 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

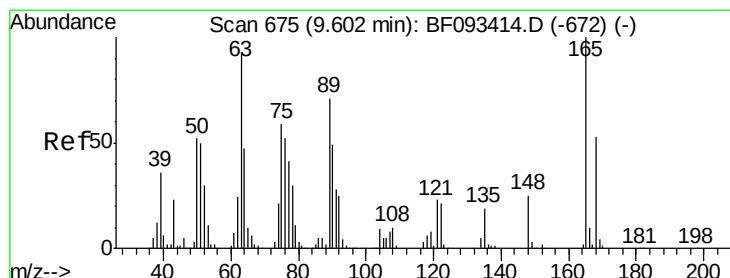
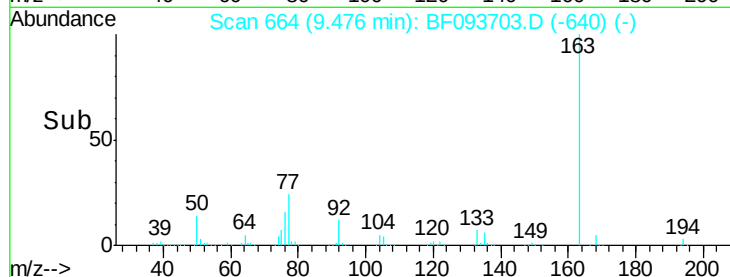
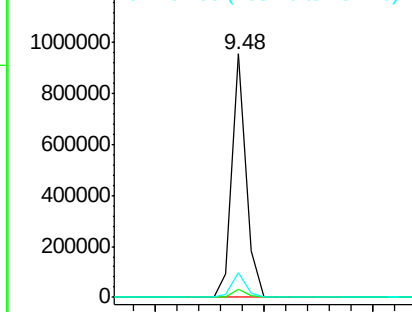
Tot Ion	Ratio	Resp	Lower	Upper
163	100	851123		
194	3.3		3.0	4.4
164	10.4		8.0	12.0

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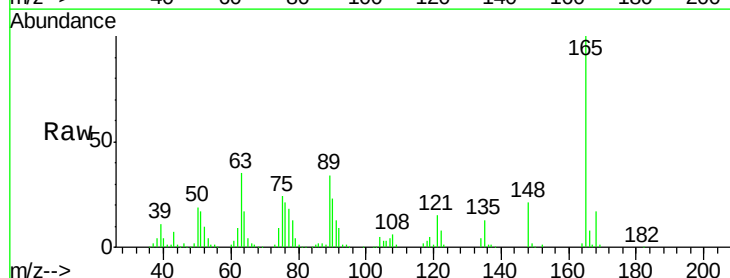


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

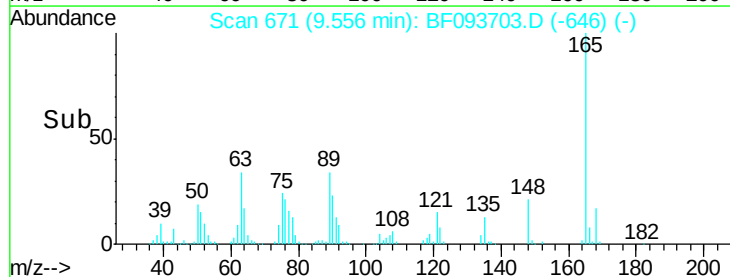
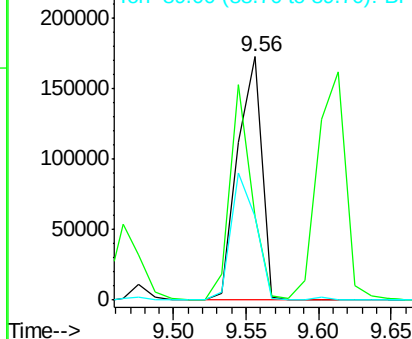


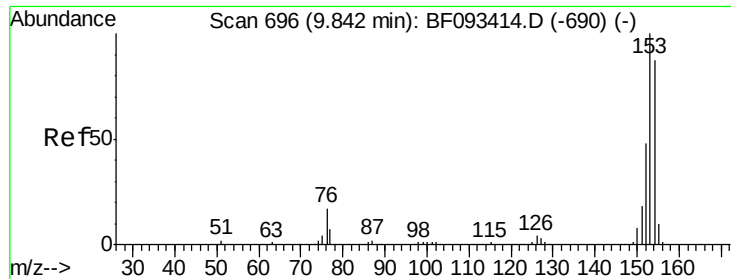
#50
2,6-Dinitrotoluene
Concen: 44.18 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200436		
63	34.6		36.2	54.4#
89	34.1		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: 42.04 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

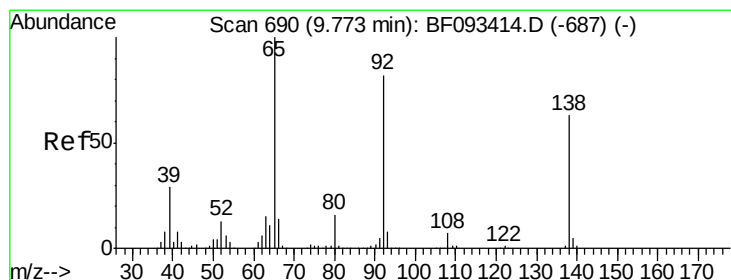
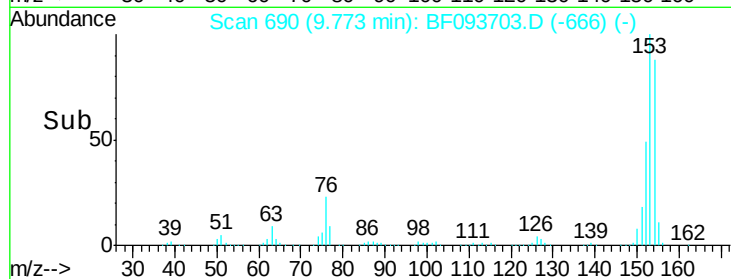
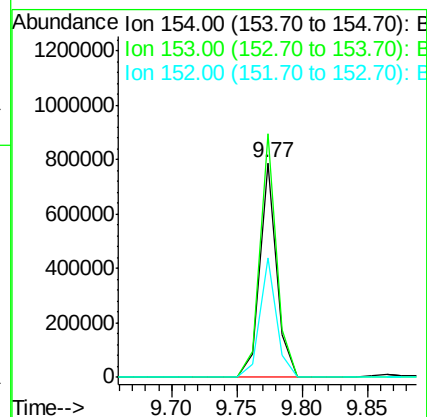
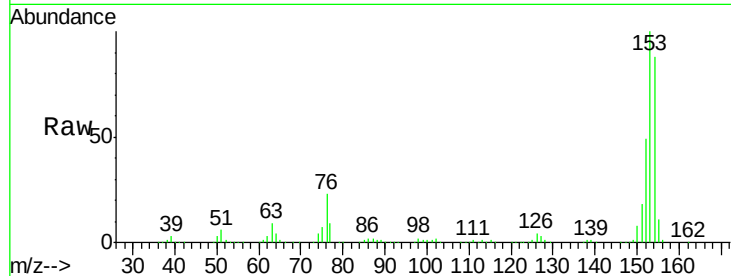
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	713014
Ion Ratio	Lower	Upper	
154	100		
153	113.4	88.6	133.0
152	55.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 46.55 ng

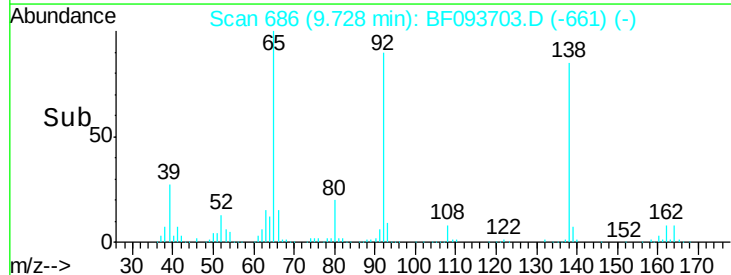
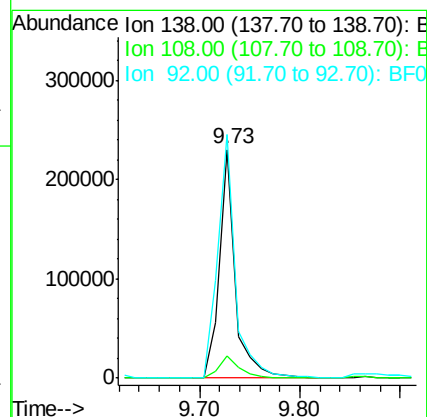
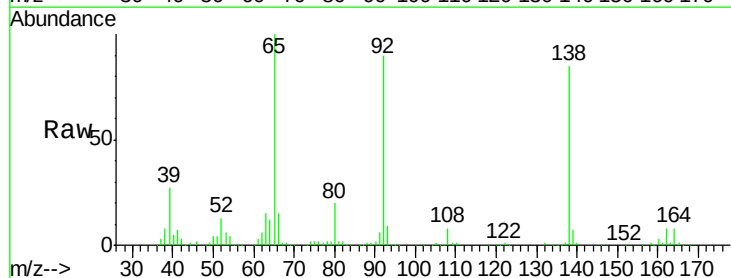
RT: 9.73 min Scan# 686

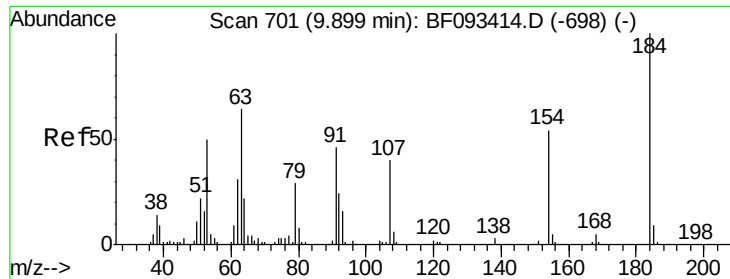
Delta R.T. -0.01 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	138	Resp:	253722
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.5	12.7
92	106.6	97.8	146.8





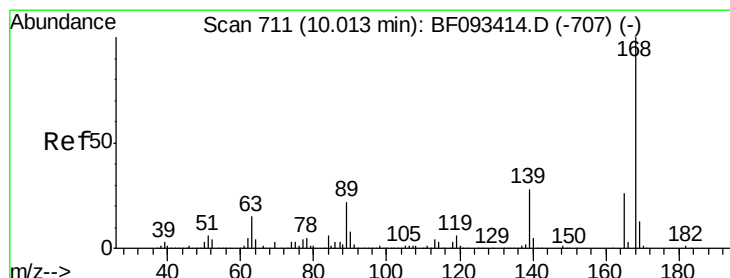
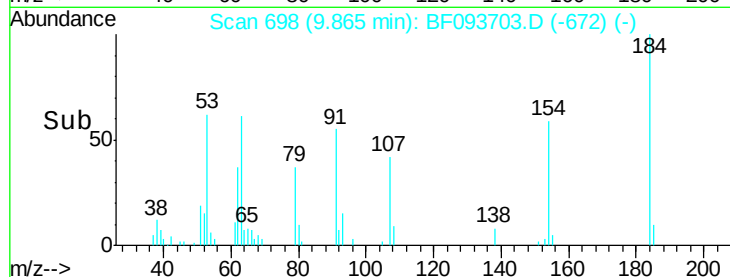
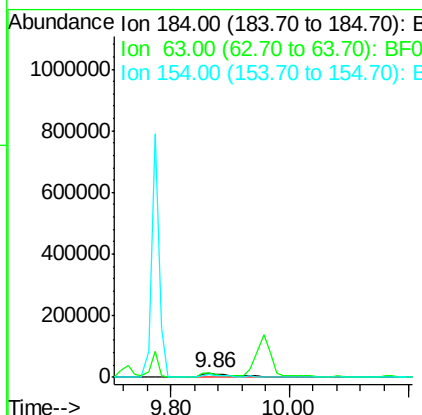
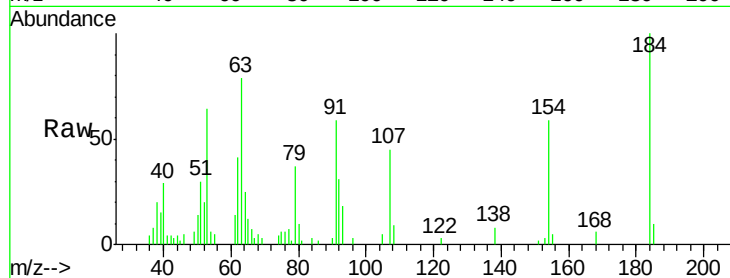
#53
 2,4-Dinitrophenol
 Concen: 31.98 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	66085		
63	78.9	28.4	42.6	
154	58.8	44.3	66.5	

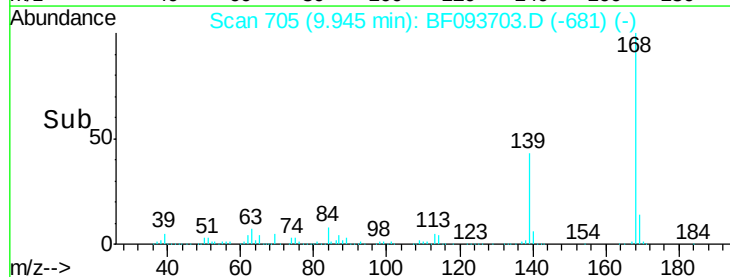
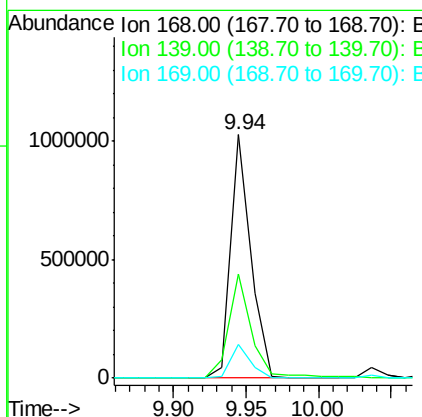
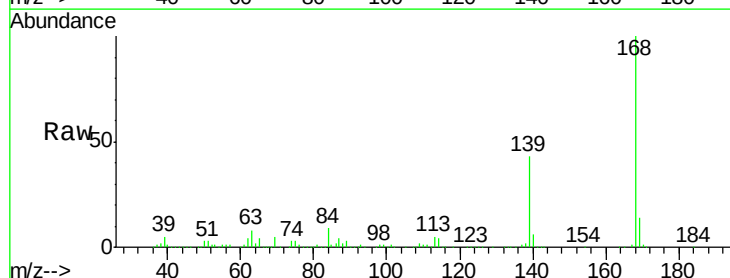
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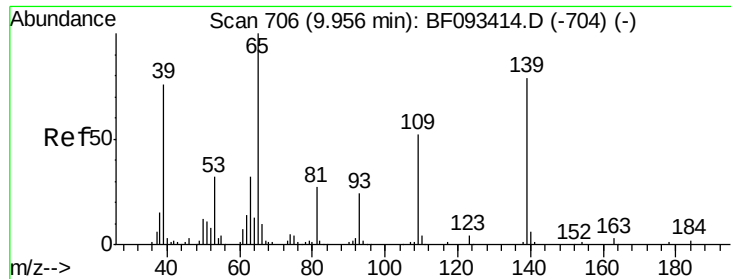
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#54
 Dibenzofuran
 Concen: 46.67 ng
 RT: 9.94 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	990797		
139	42.8	32.6	49.0	
169	13.8	11.3	16.9	





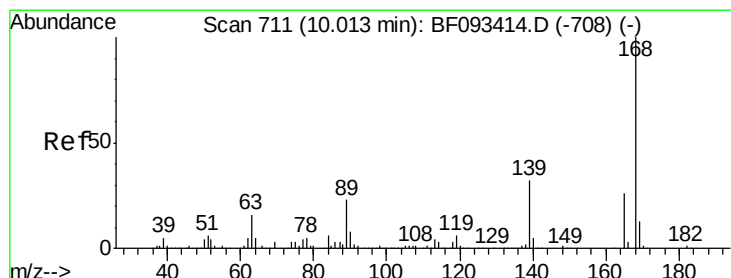
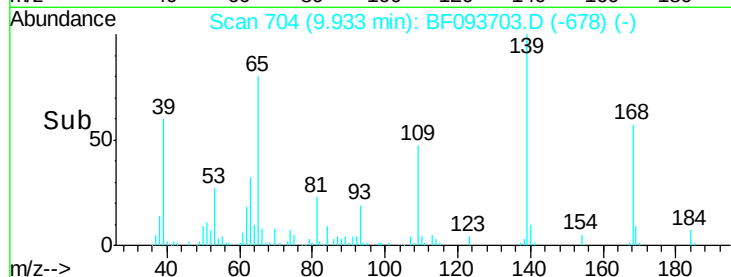
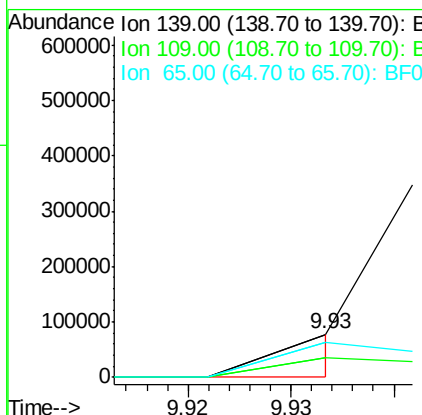
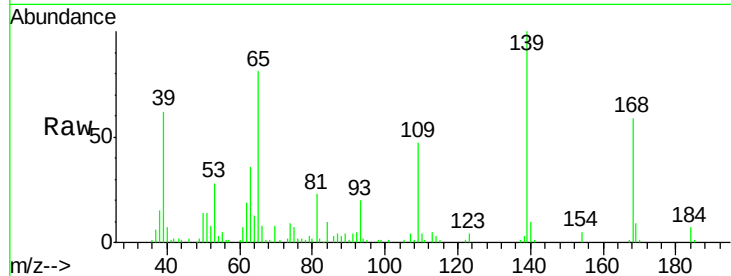
#55
4-Nitrophenol
Concen: 19.99 ng/mL
RT: 9.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	46.6	52.2	92.2#
65	80.8	85.8	125.8#

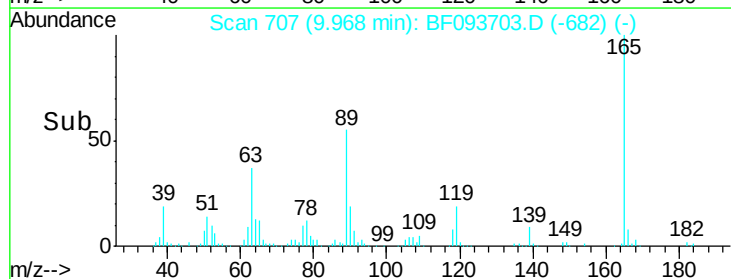
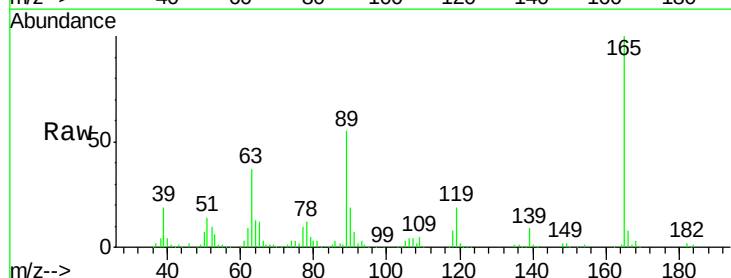
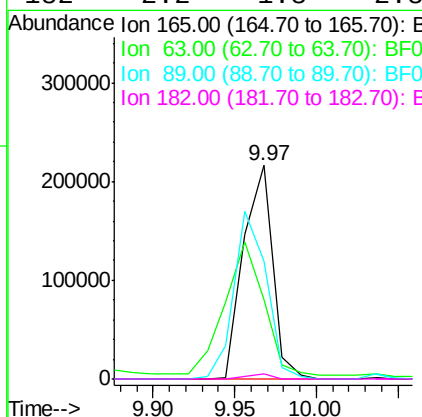
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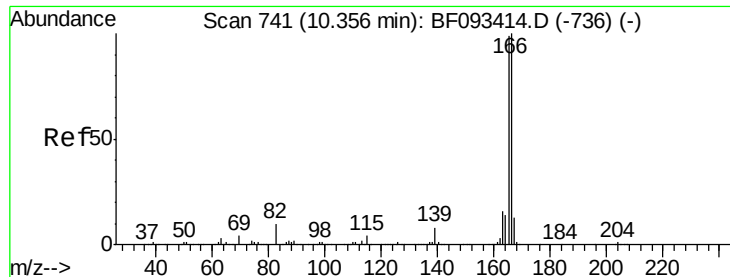
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#56
2,4-Dinitrotoluene
Concen: 48.13 ng/mL
RT: 9.97 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	40.2	60.4#
89	55.4	62.5	93.7#
182	2.2	1.8	2.8





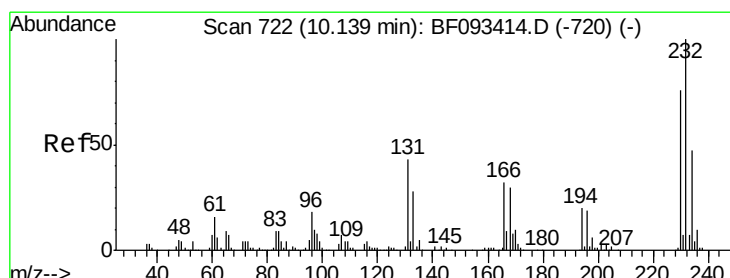
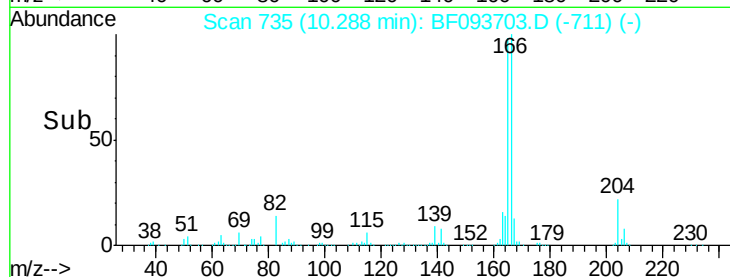
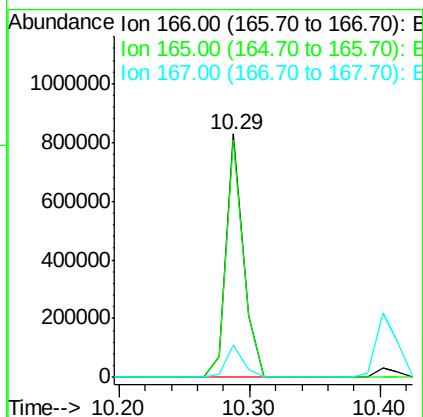
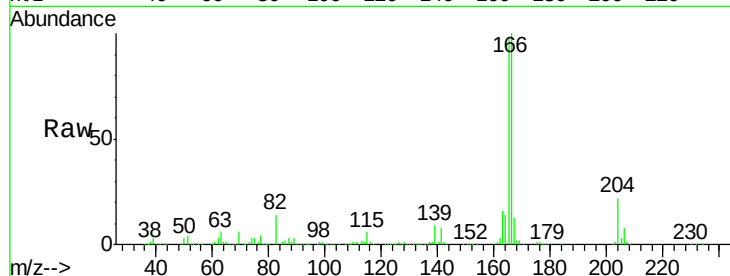
#57
 Fluorene
 Concen: 42.58 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.8
167	13.5	10.8	16.2

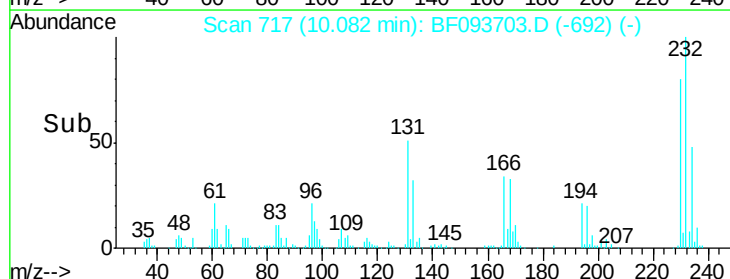
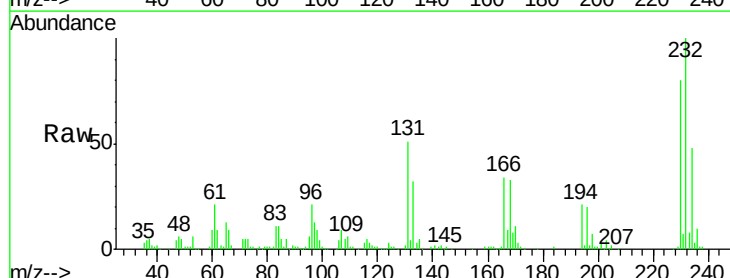
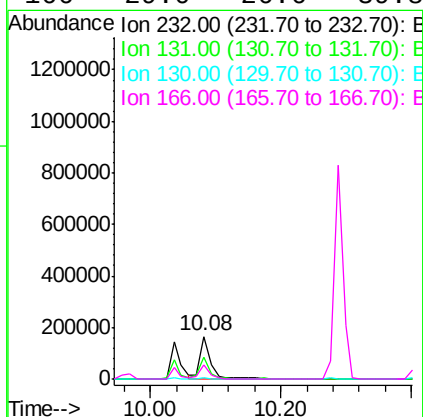
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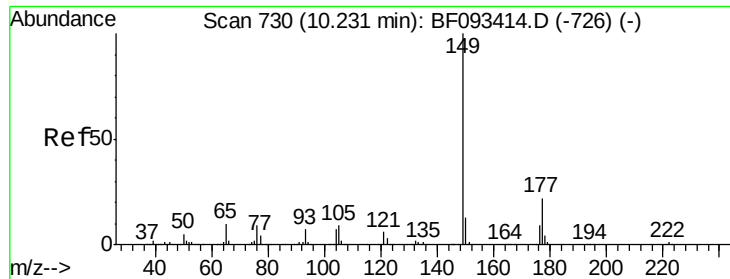
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.70 ng
 RT: 10.08 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	40.1	60.1
130	2.1	1.8	2.8
166	29.0	26.6	39.8





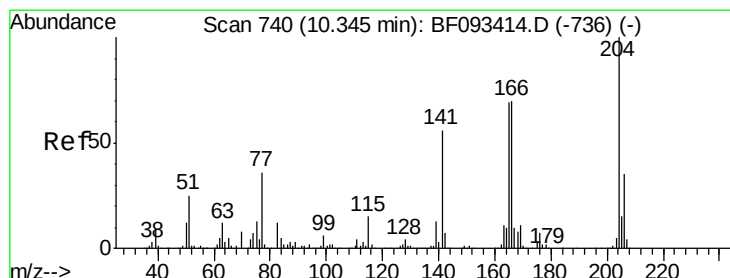
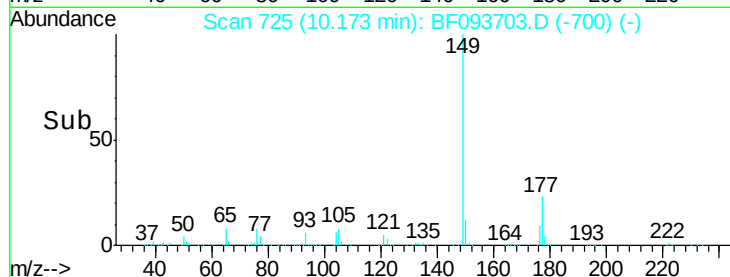
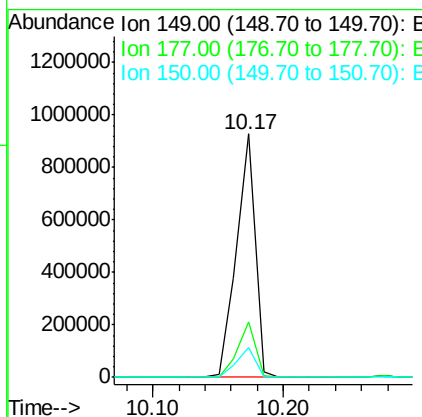
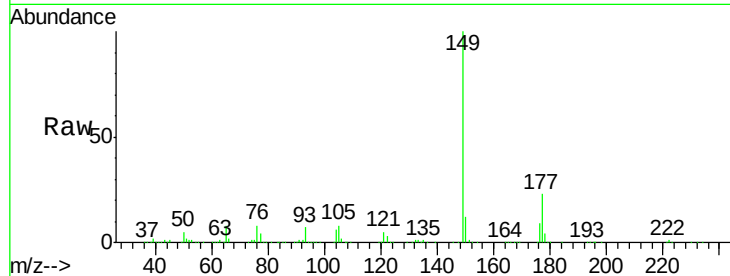
#59
Diethylphthalate
Concen: 46.50 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	918956		
177	22.7	16.6	25.0	
150	12.4	10.4	15.6	

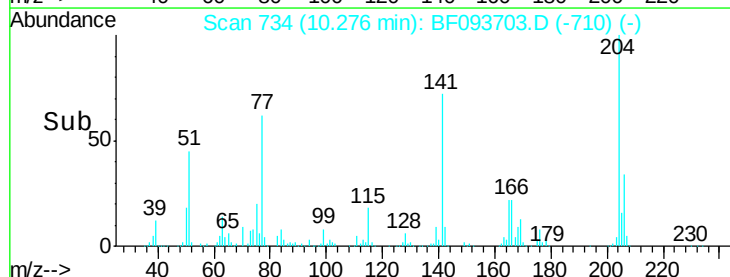
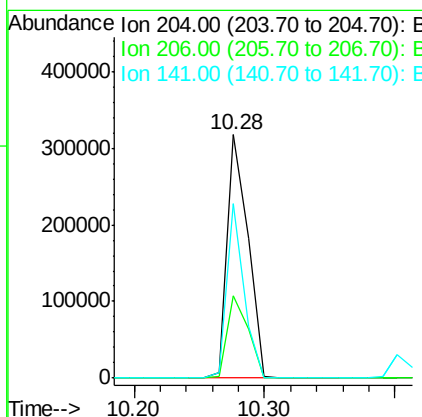
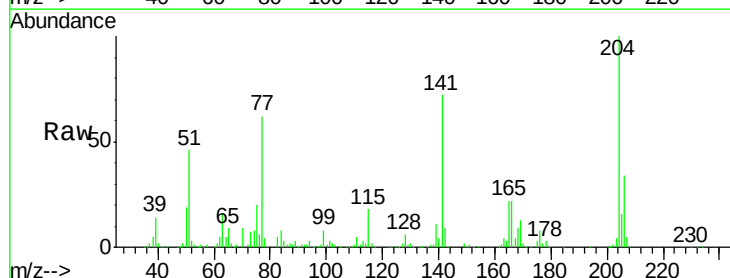
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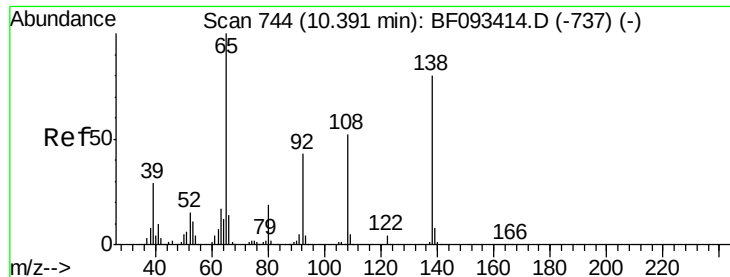
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.52 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	350899		
206	33.7	25.8	38.6	
141	71.7	59.4	89.0	





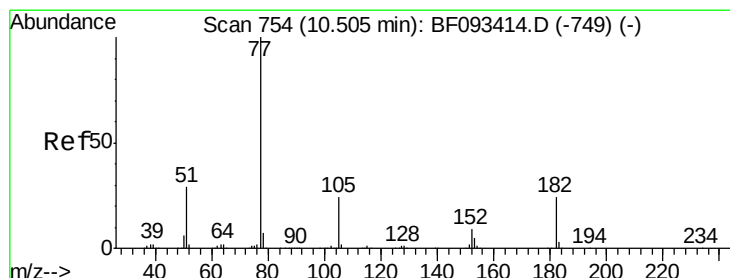
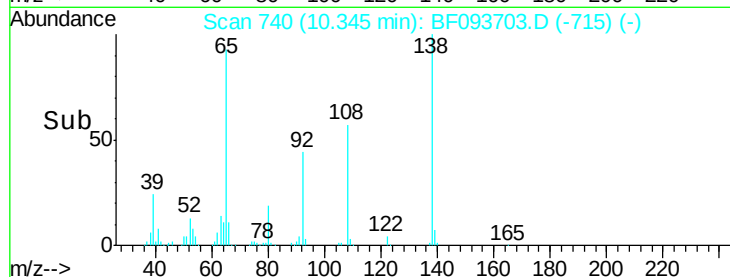
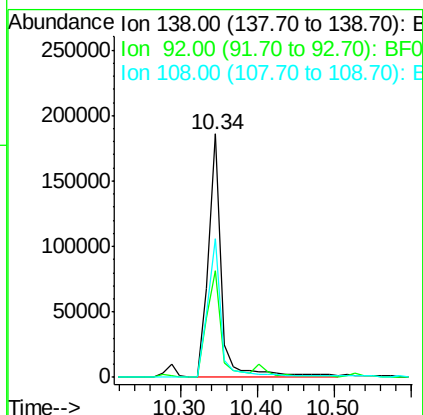
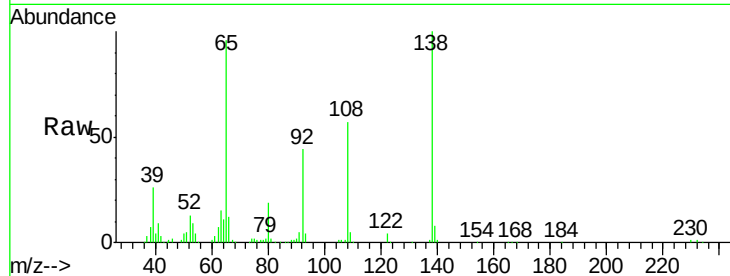
#61
4-Nitroaniline
Concen: 39.56 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.0	31.7	71.7
108	57.1	52.6	92.6

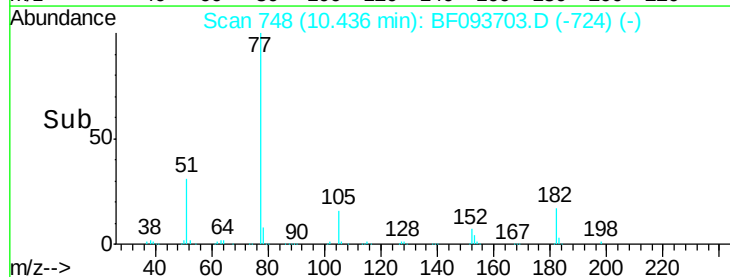
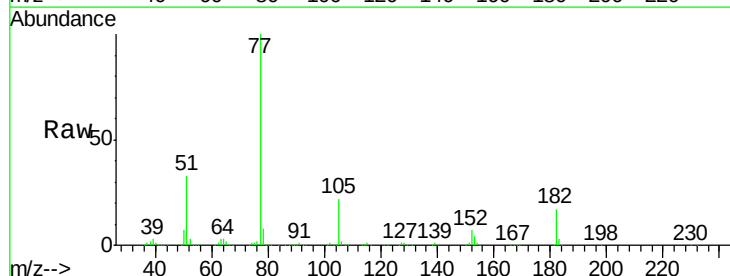
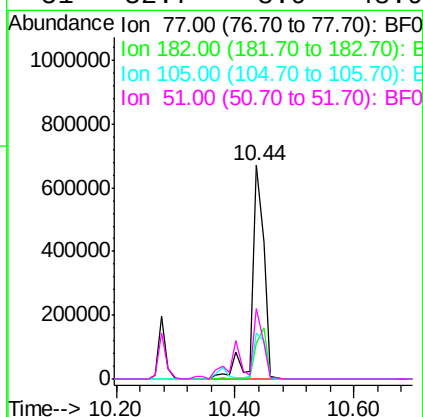
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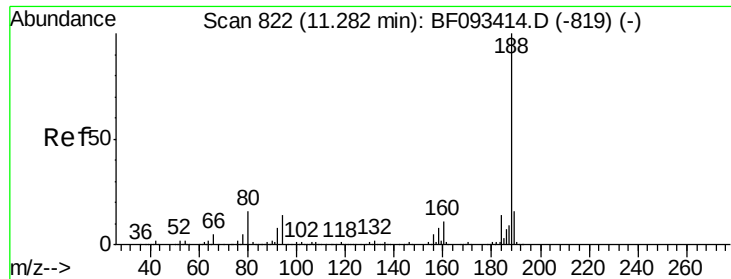
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#62
Azobenzene
Concen: 39.17 ng
RT: 10.44 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.7	0.0	39.3
105	21.9	2.3	42.3
51	32.7	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

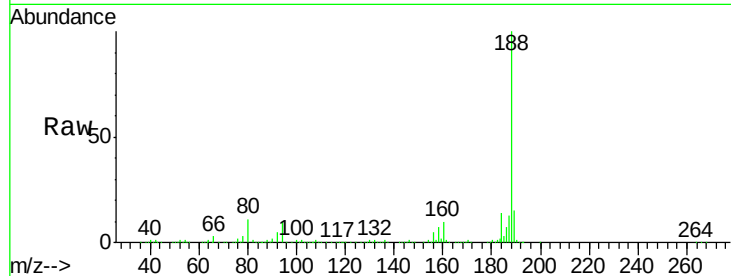
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	535975
Ion Ratio	Lower	Upper	
188	100		
94	10.2	10.0	15.0
80	10.7	11.2	16.8#

Manual Integrations
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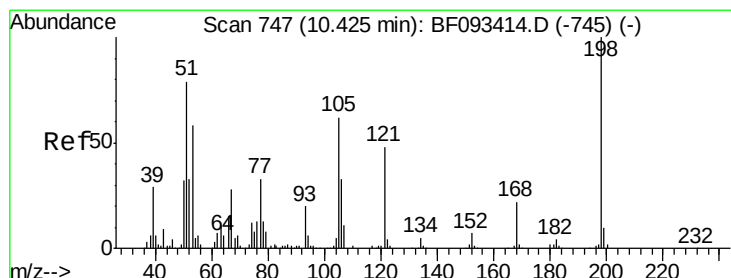
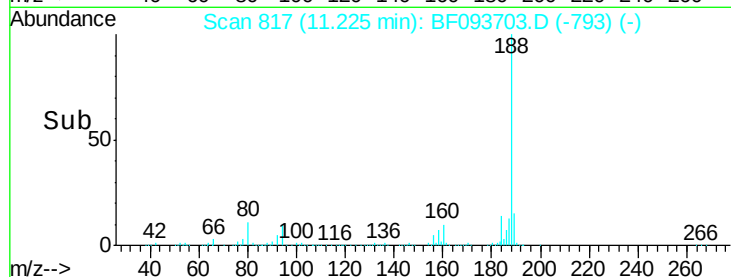
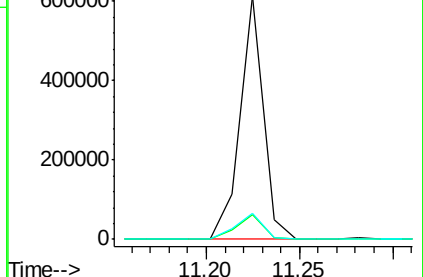
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.78 ng

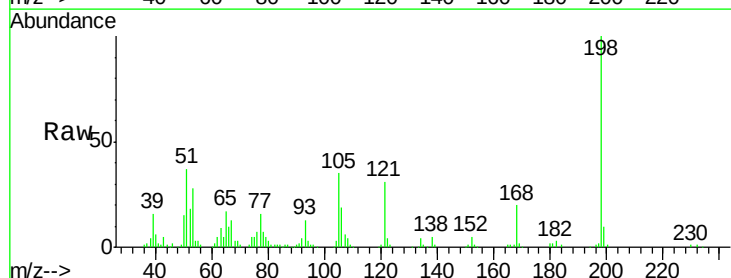
RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

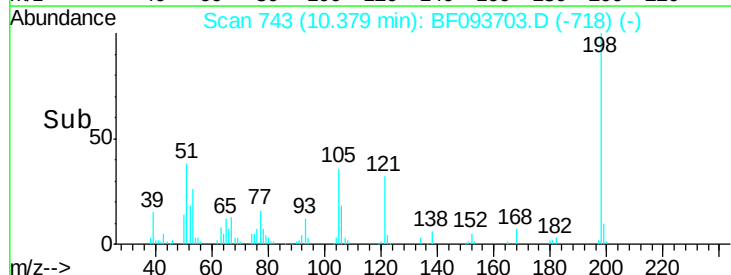
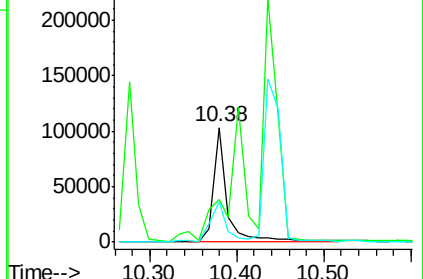
Tgt Ion:	198	Resp:	117314
Ion Ratio	Lower	Upper	
198	100		
51	37.5	6.7	46.7
105	35.3	16.6	56.6

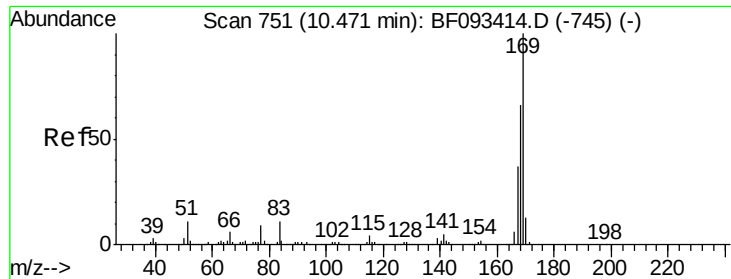


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.14 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

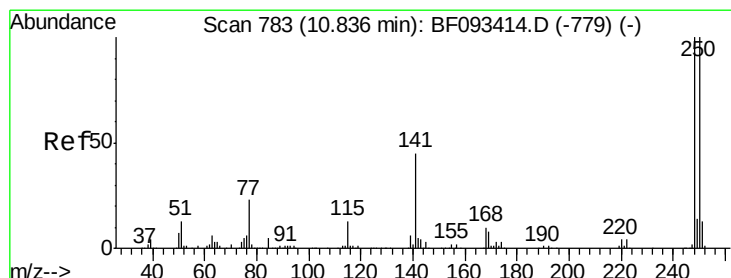
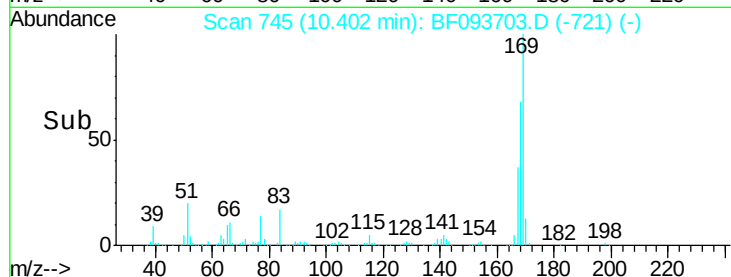
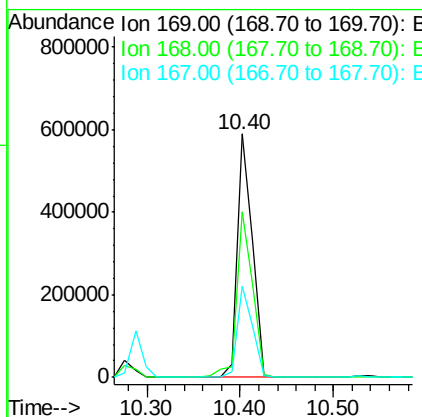
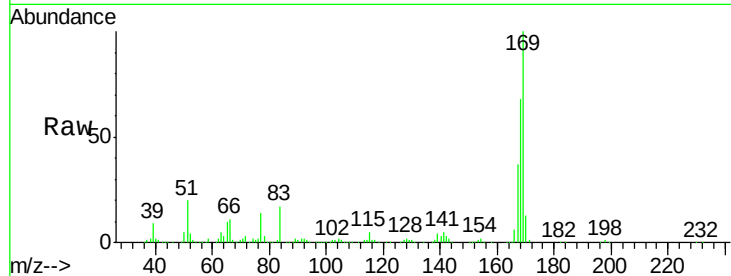
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	664718
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.2
167	37.3	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 37.93 ng

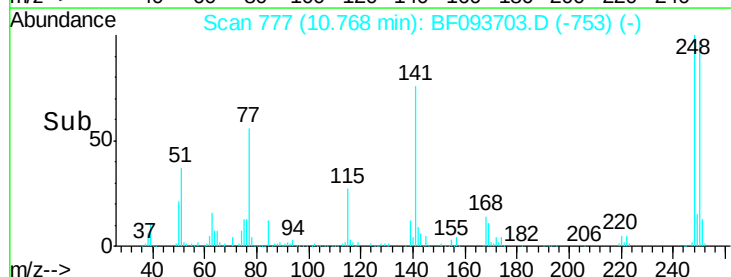
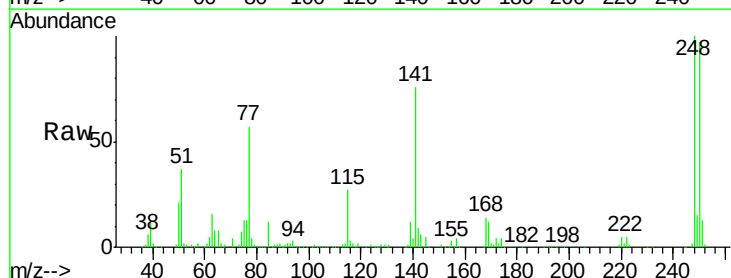
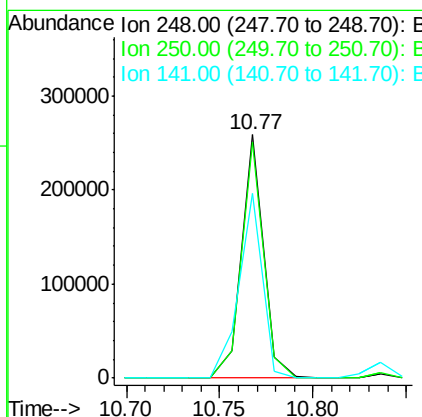
RT: 10.77 min Scan# 777

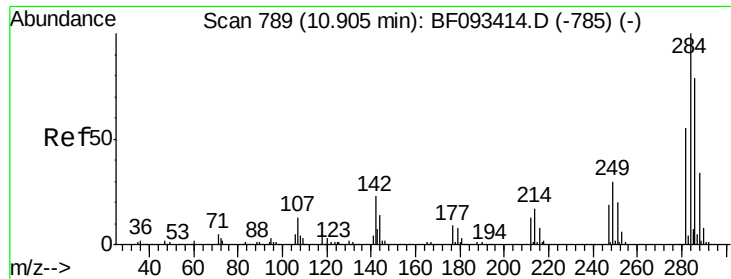
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	248	Resp:	214995
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.9	115.3
141	76.0	68.2	102.4





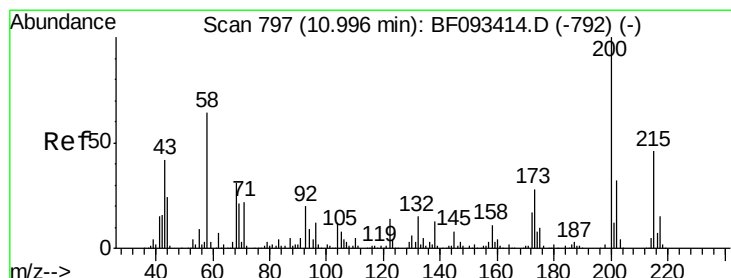
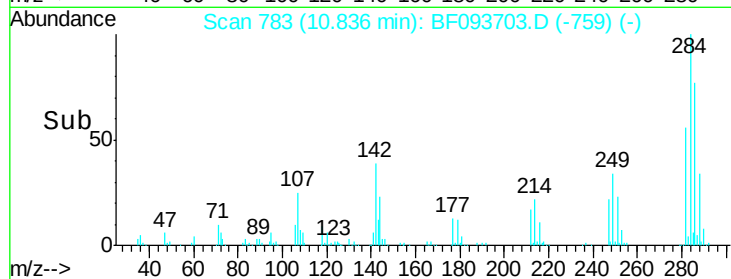
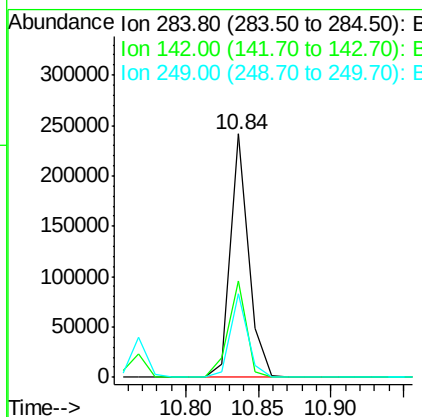
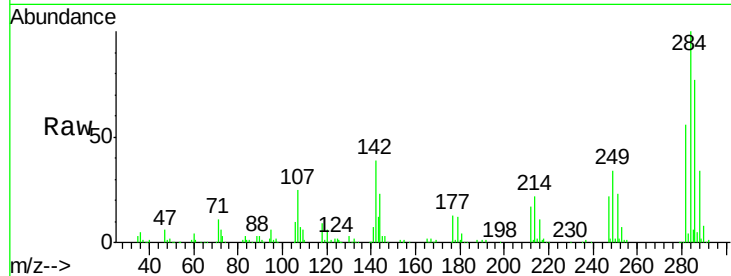
#67
Hexachlorobenzene
Concen: 38.84 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210226		
142	39.4	22.6	33.8#	
249	34.4	25.4	38.0	

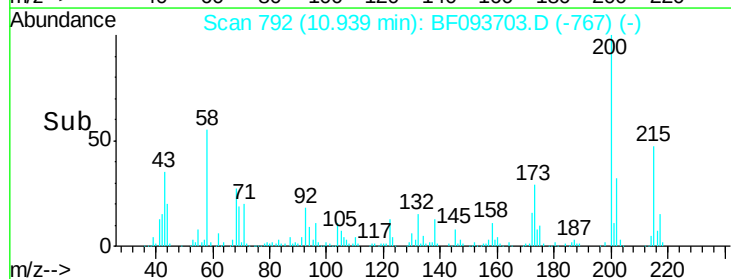
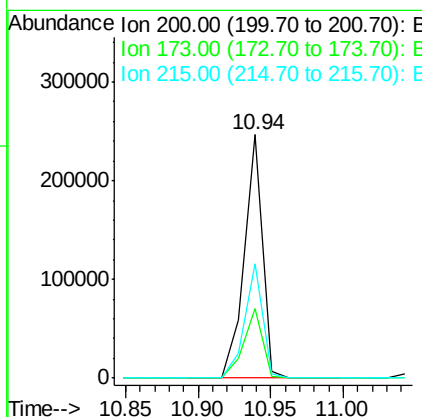
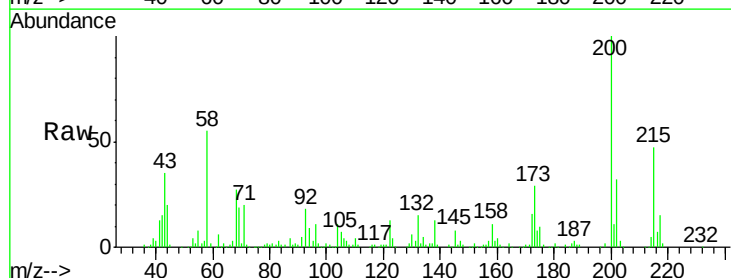
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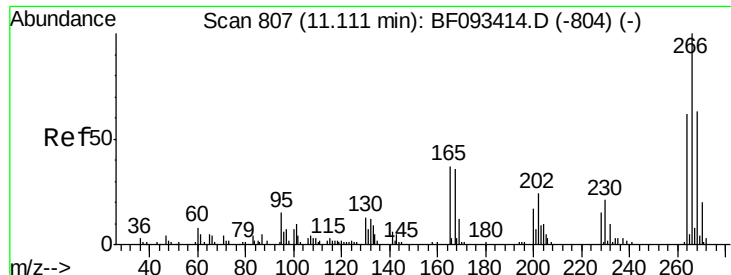
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#68
Atrazine
Concen: 41.27 ng
RT: 10.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	216156		
173	28.7	9.6	49.6	
215	47.1	25.7	65.7	





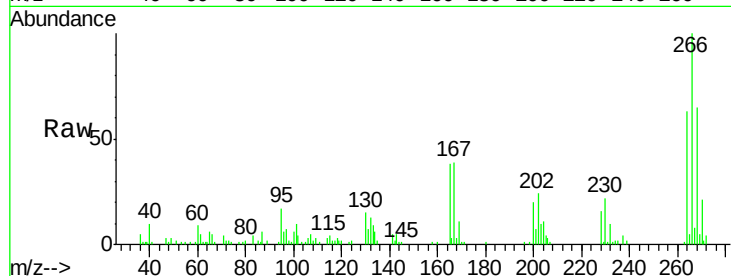
#69
 Pentachlorophenol
 Concen: 32.54 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

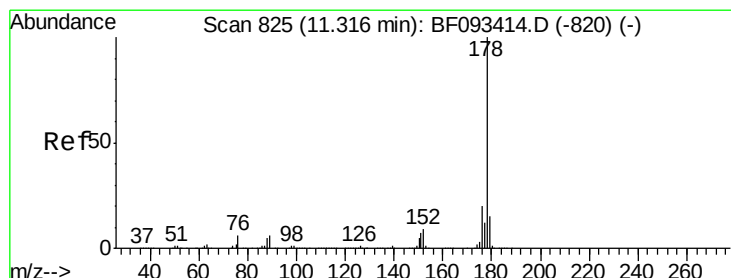
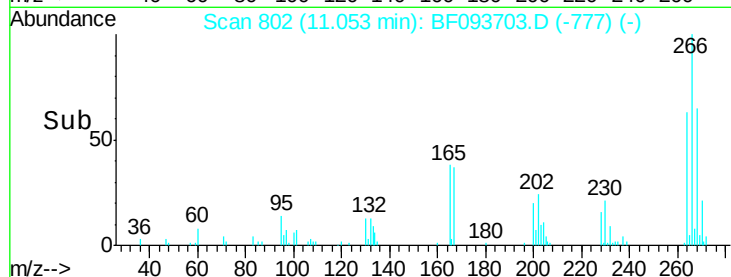
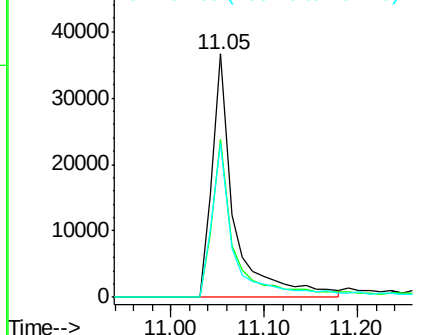
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	53.3	79.9
264	63.4	50.3	75.5

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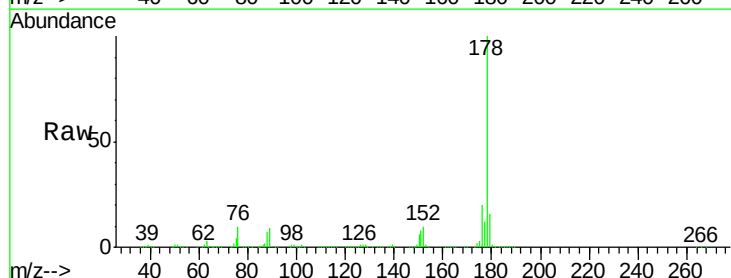


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

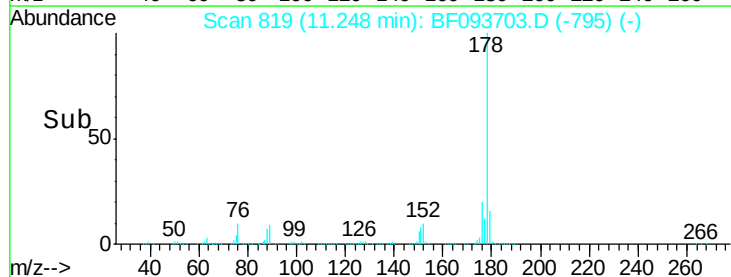
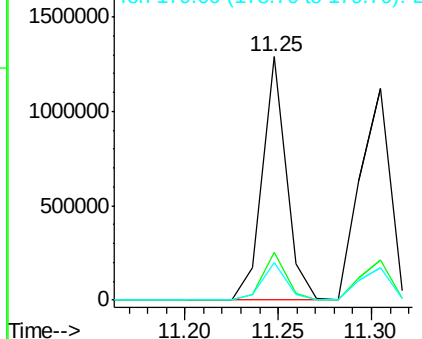


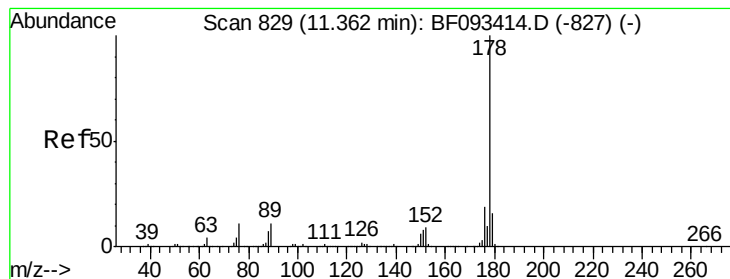
#70
 Phenanthrene
 Concen: 37.33 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.6	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: 40.59 ng

RT: 11.30 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1256099

Ion Ratio Lower Upper

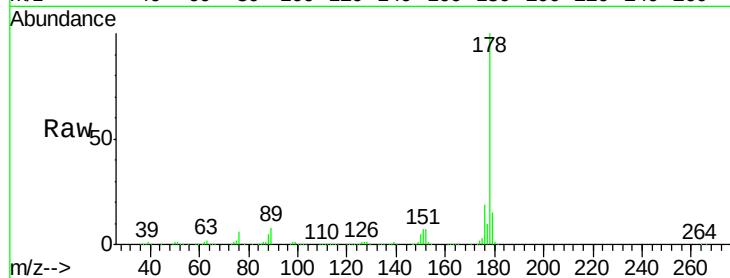
178 100

176 19.2 15.9 23.9

179 15.2 13.2 19.8

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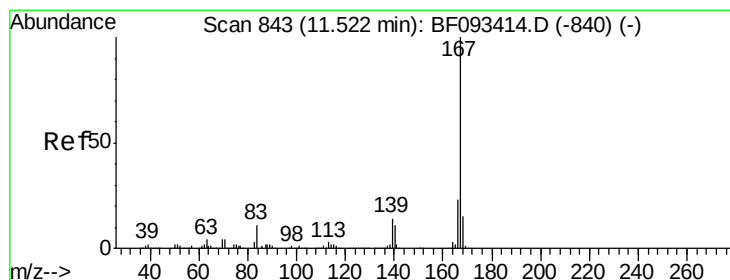
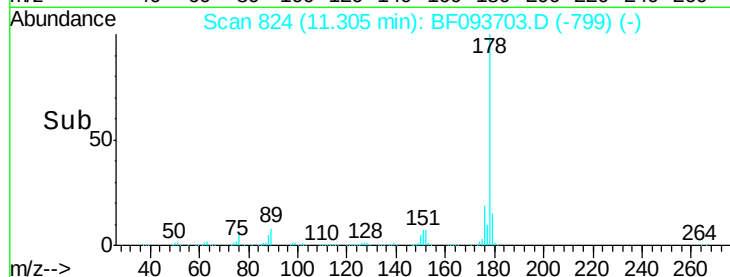
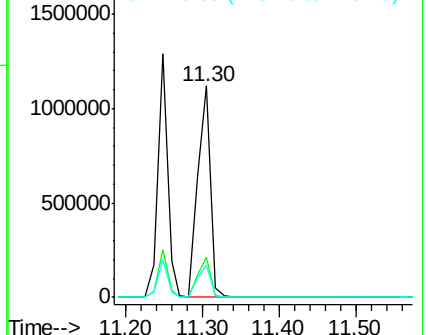
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.24 ng

RT: 11.46 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

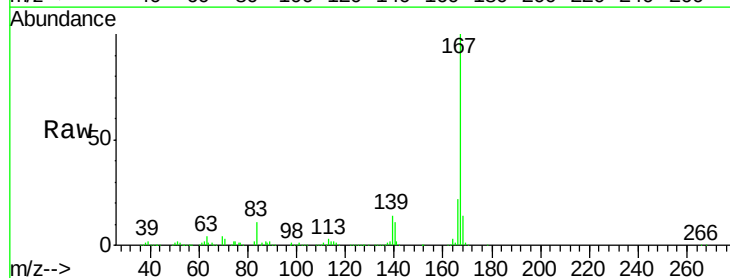
Tgt Ion:167 Resp: 1140853

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

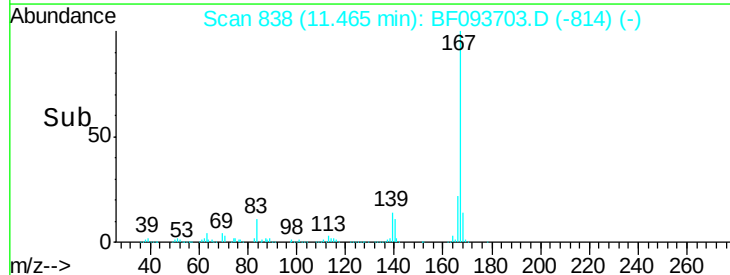
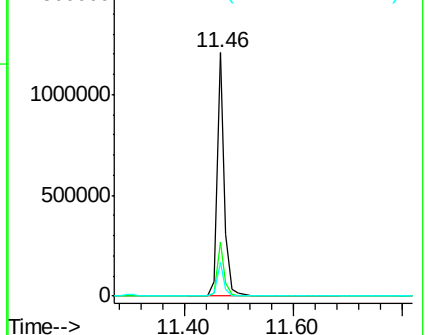
139 13.9 11.4 17.2

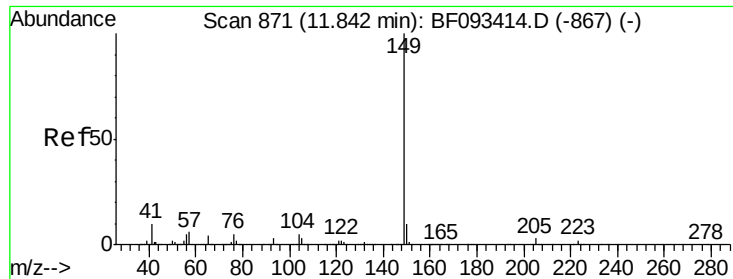


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.85 ng

RT: 11.78 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1273193

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

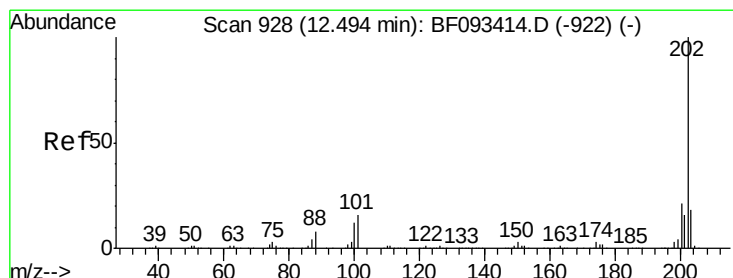
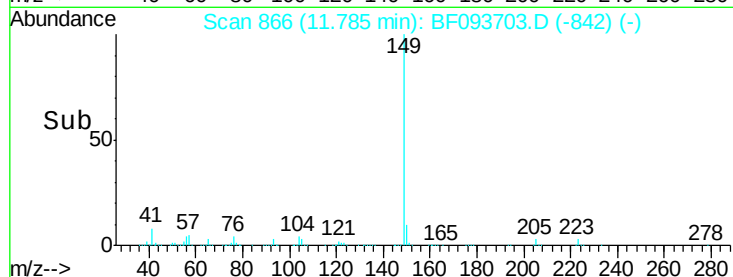
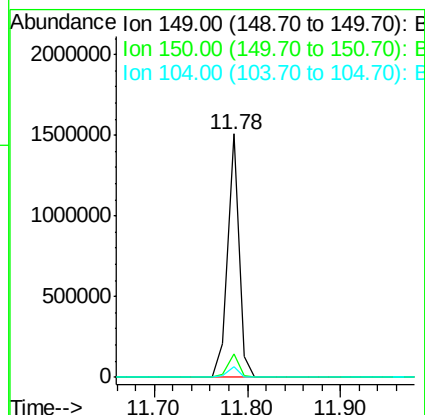
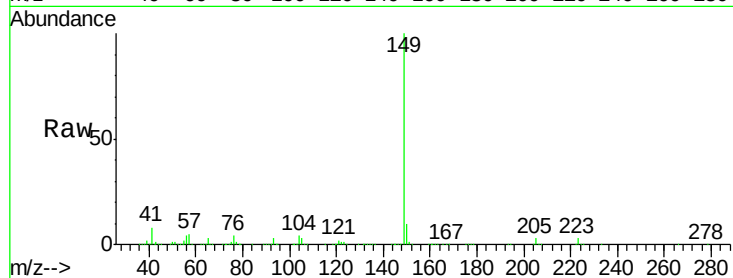
104 4.3 4.6 7.0#

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#74

Fluoranthene

Concen: 41.43 ng

RT: 12.44 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

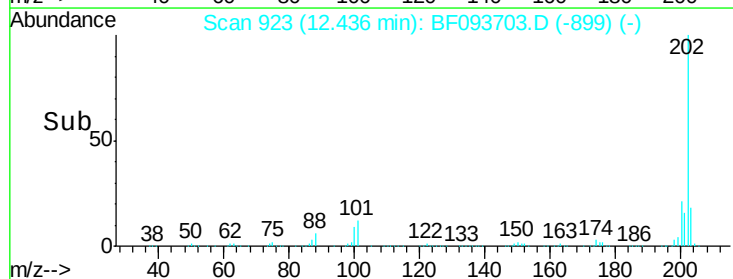
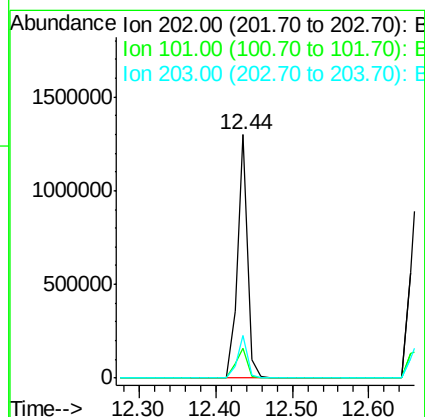
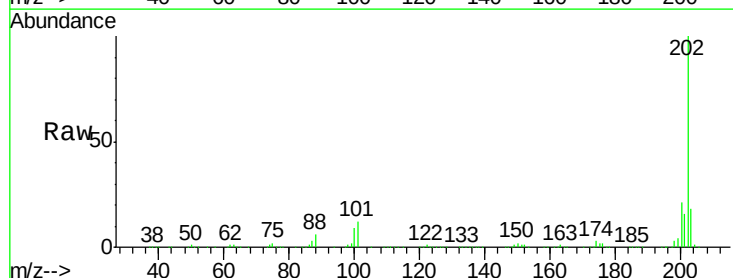
Tgt Ion:202 Resp: 1224194

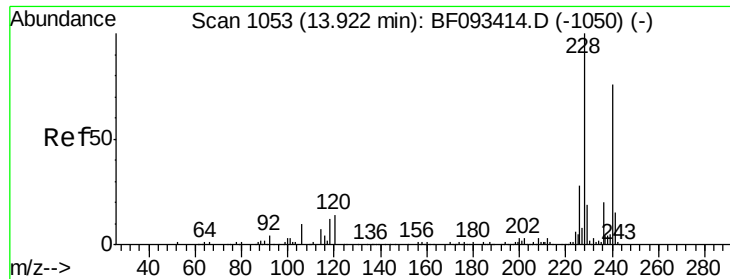
Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

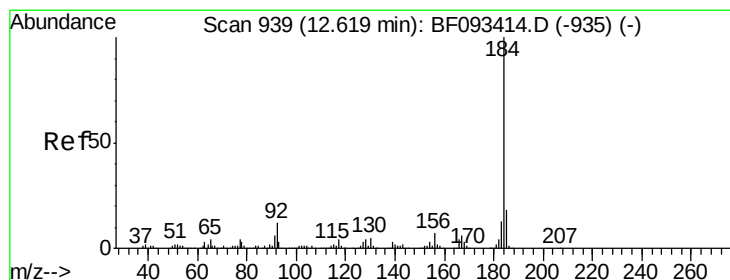
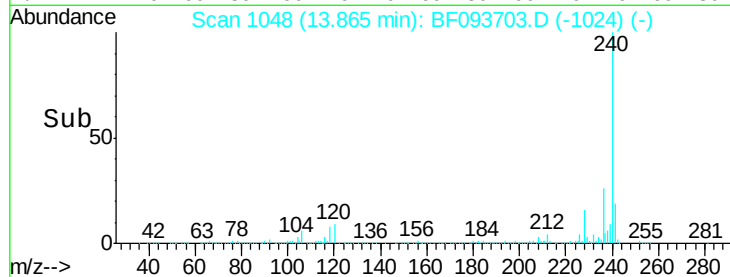
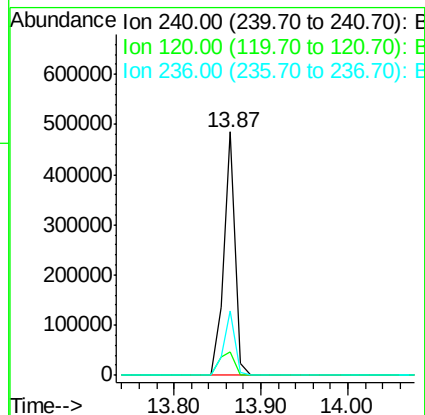
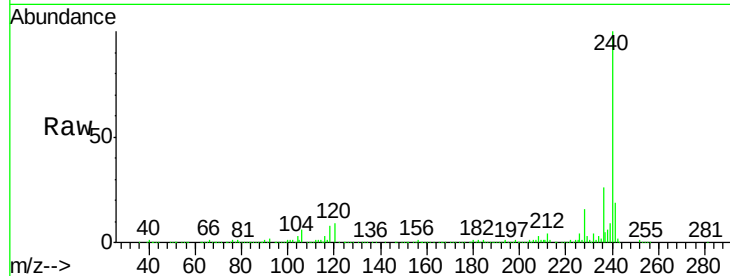
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 34.66 ng

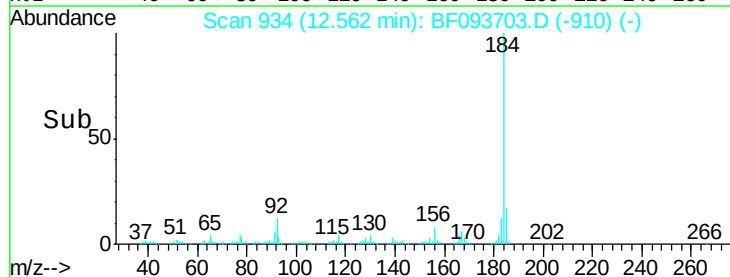
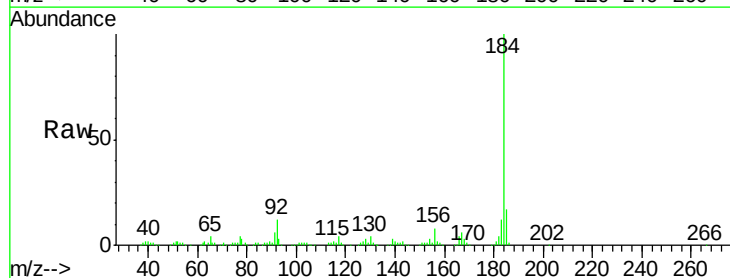
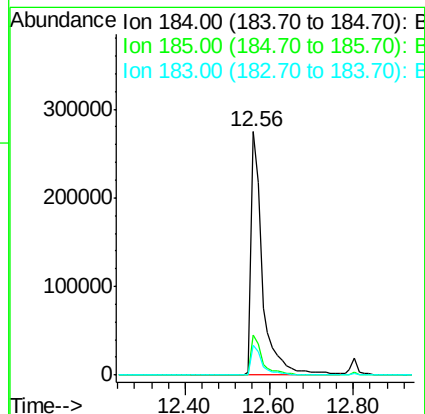
RT: 12.56 min Scan# 934

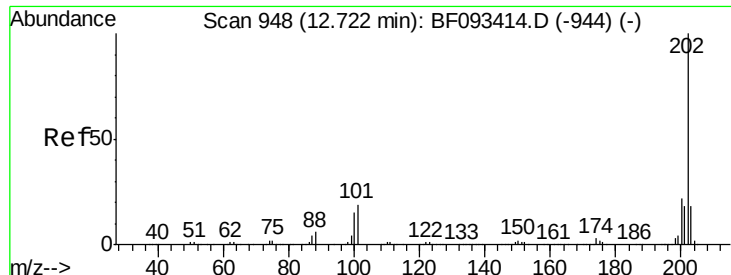
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	12.2	9.2	13.8





#77

Pvrene

Concen: 39.10 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1276668

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

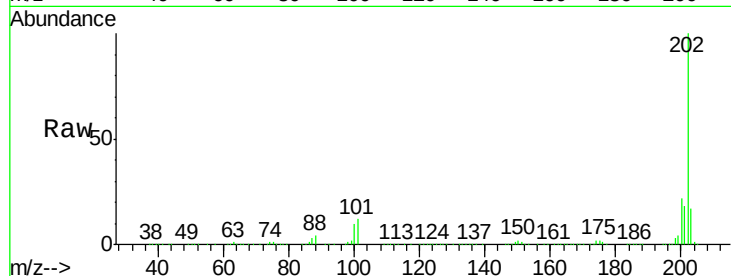
203 17.5 14.7 22.1

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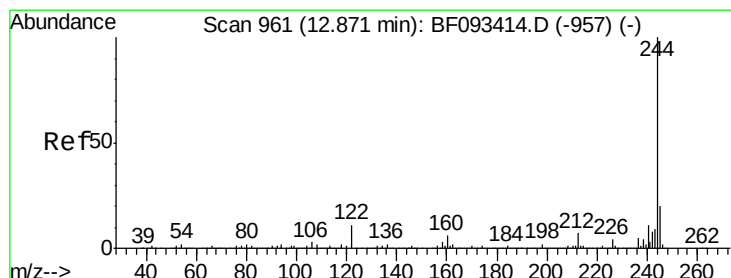
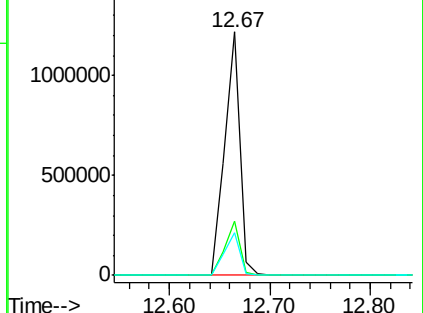
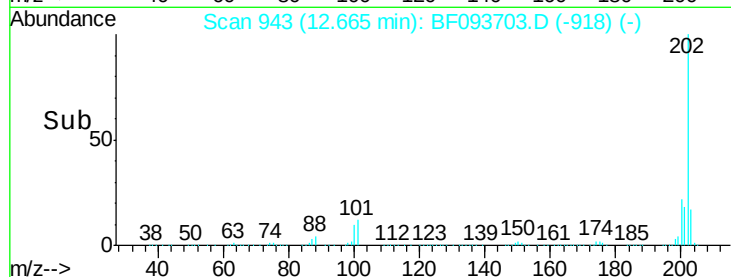
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.52 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

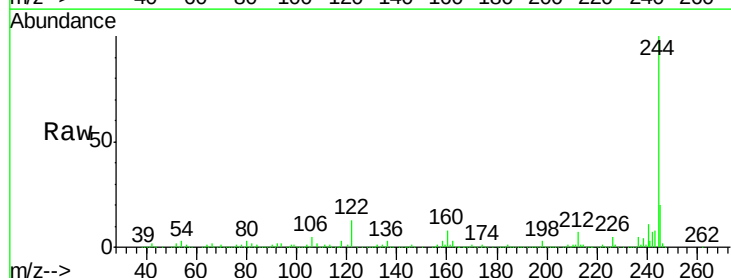
Tgt Ion:244 Resp: 1304022

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

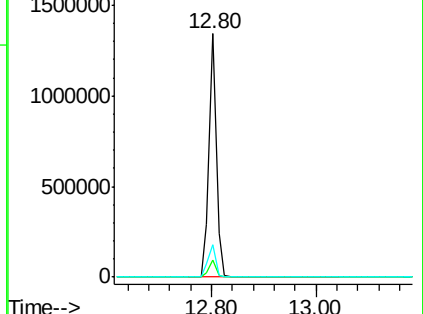
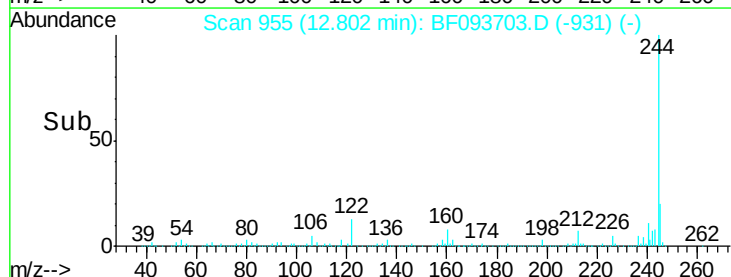
122 13.4 11.4 17.2

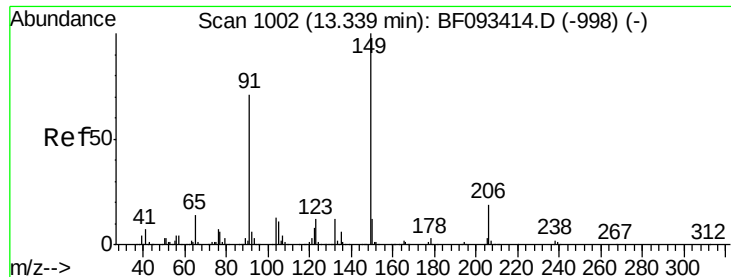


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





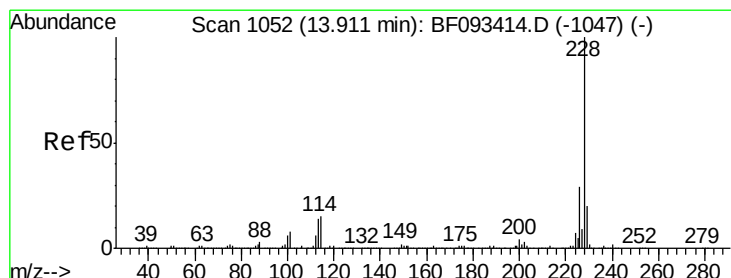
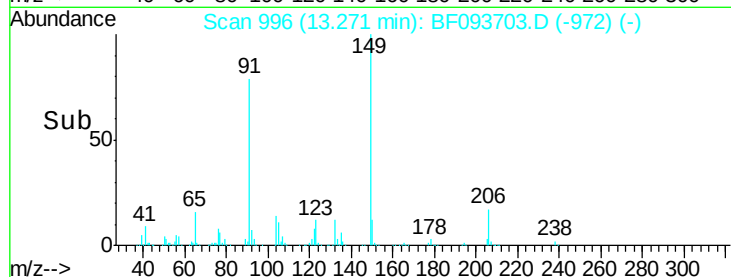
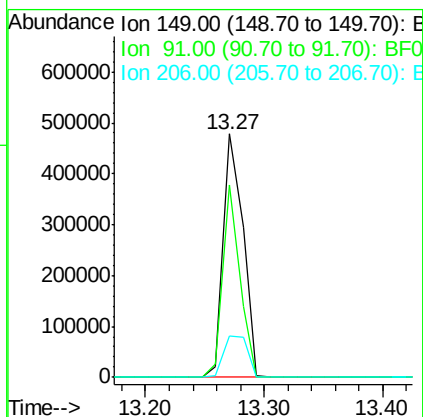
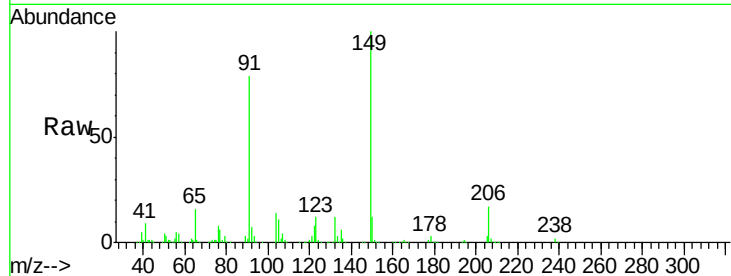
#79
Butylbenzylphthalate
Concen: 39.93 ng
RT: 13.27 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	63.9	95.9
206	17.1	14.6	21.8

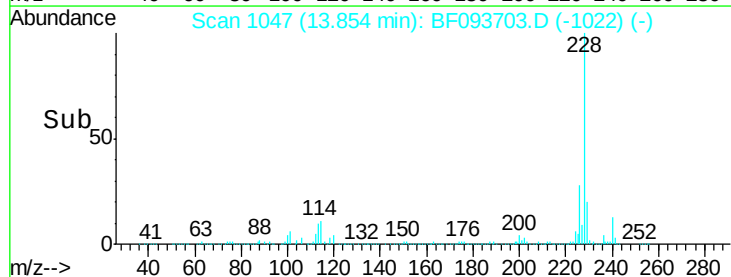
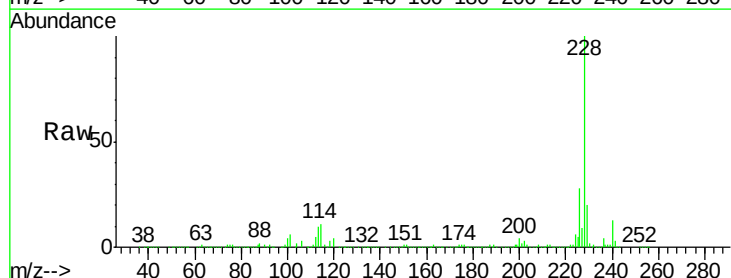
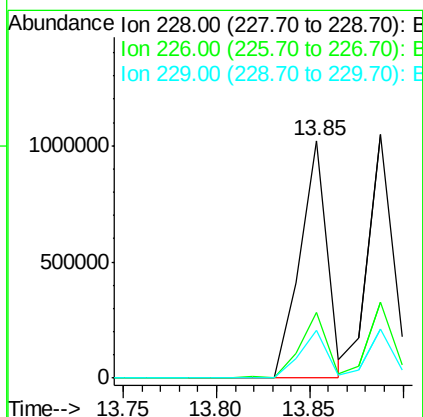
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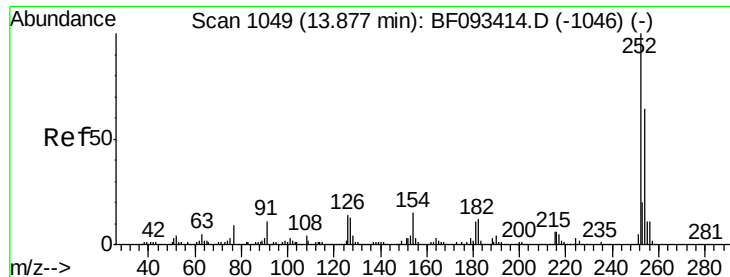
mohammad
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#80
Benzo(a)anthracene
Concen: 39.13 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.1	16.2	24.4





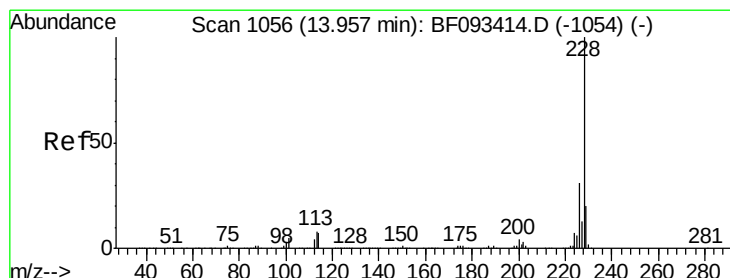
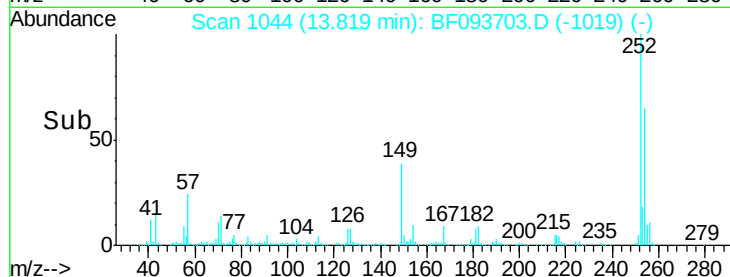
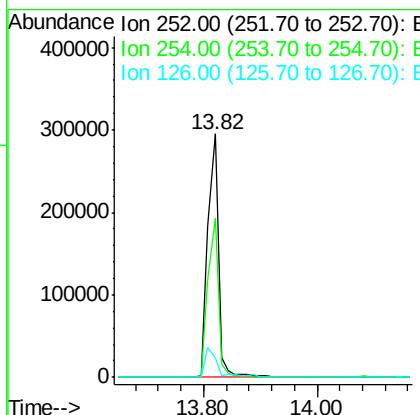
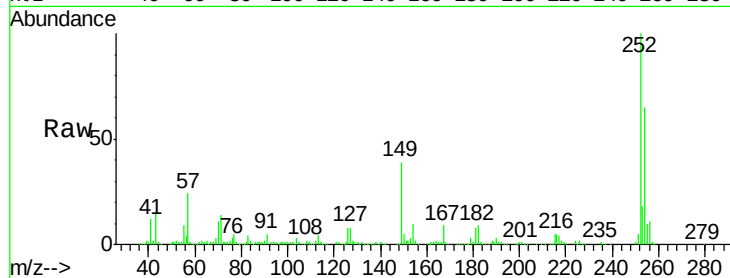
#81
 3,3'-Dichlorobenzidine
 Concen: 39.62 ng
 RT: 13.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.3	78.5
126	8.1	13.6	20.4

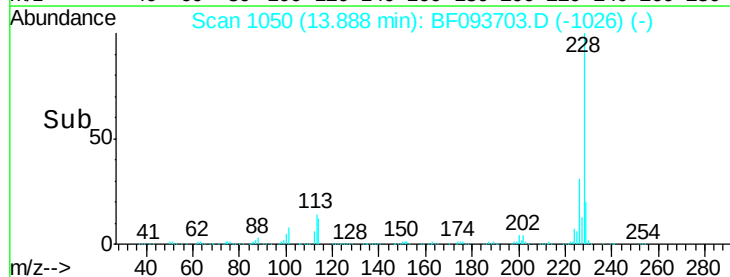
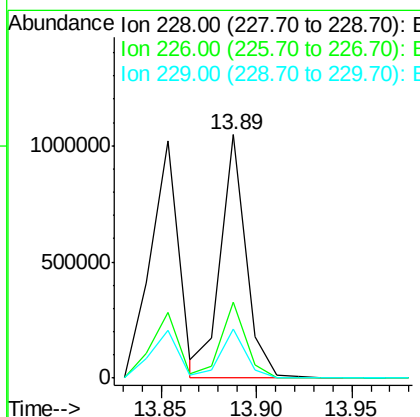
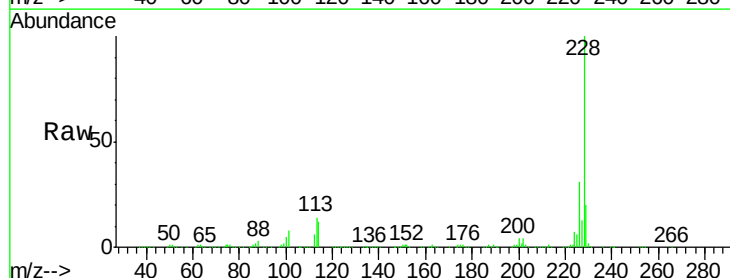
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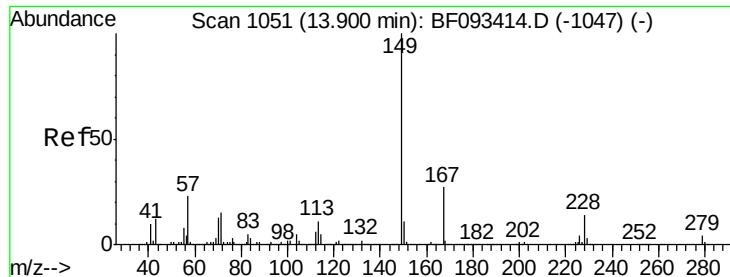
mohammad
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#82
 Chrysene
 Concen: 39.74 ng m
 RT: 13.89 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.32 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

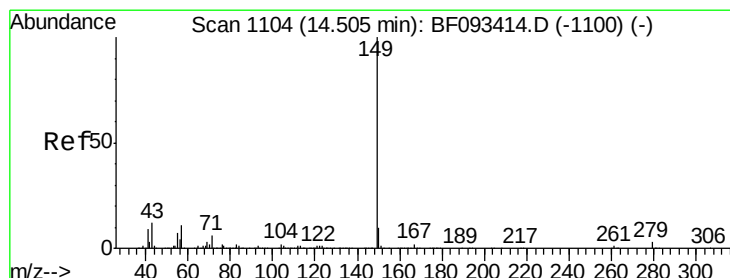
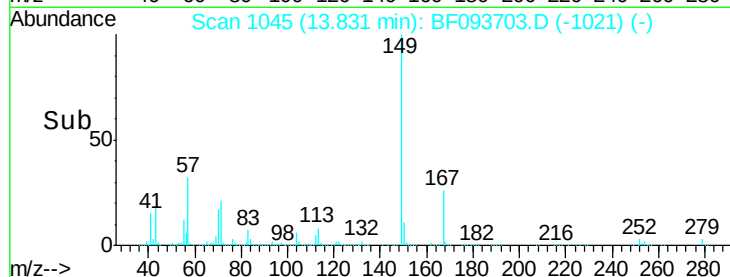
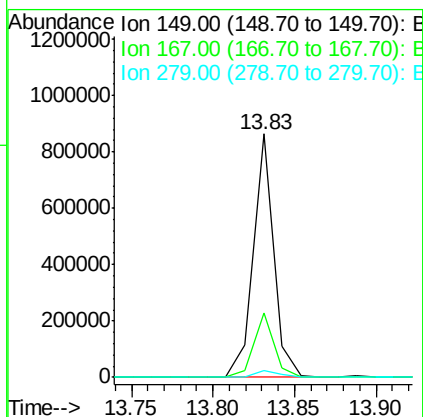
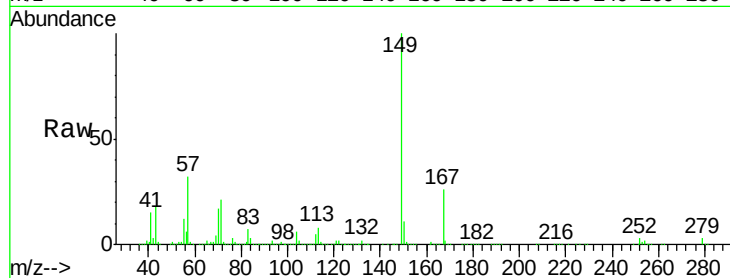
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	753197
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.2	30.4
279	2.8	1.8	2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.34 ng

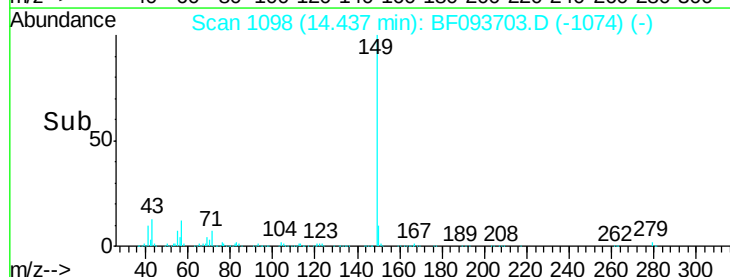
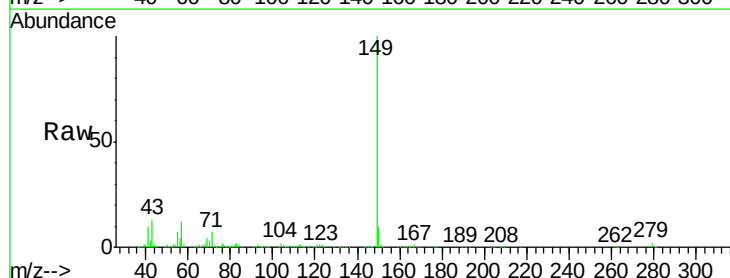
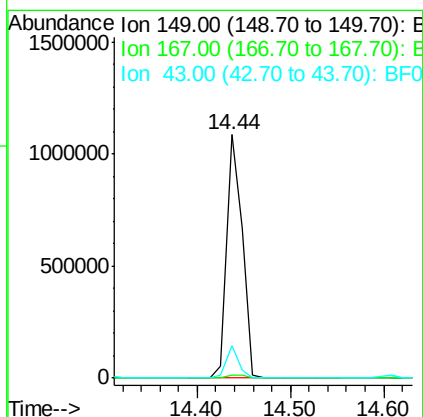
RT: 14.44 min Scan# 1098

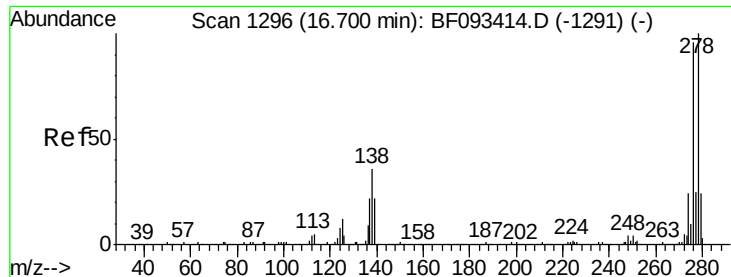
Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:	149	Resp:	1256167
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.0	8.9	13.3





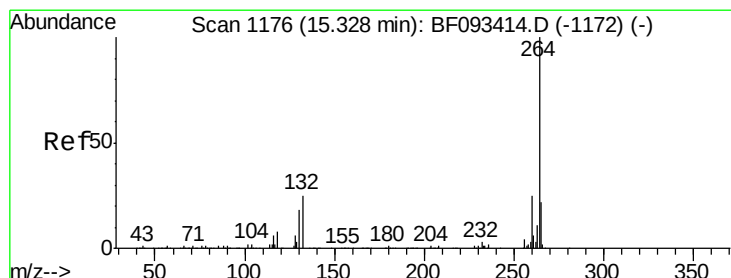
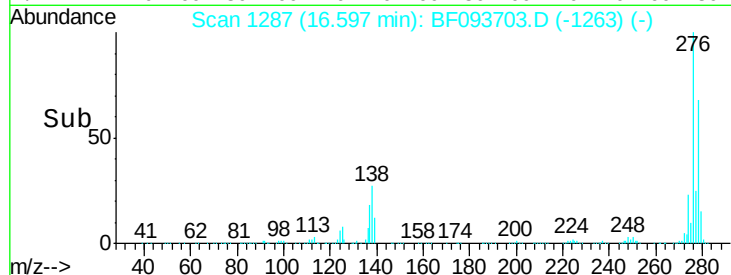
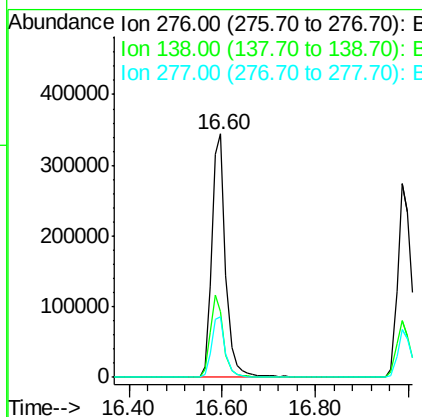
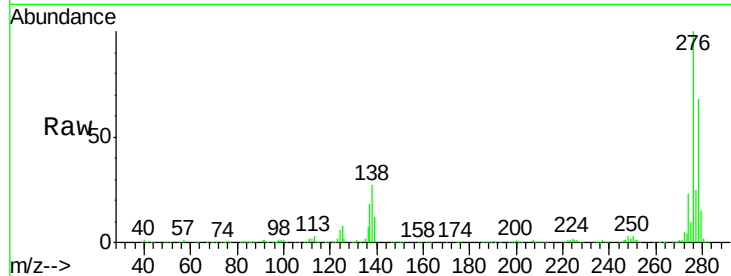
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.85 ng
 RT: 16.60 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	21.8	32.6
277	25.0	20.2	30.4

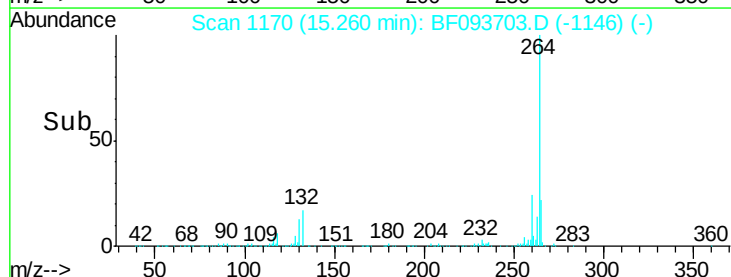
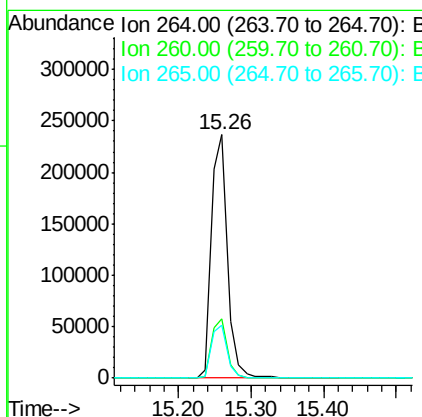
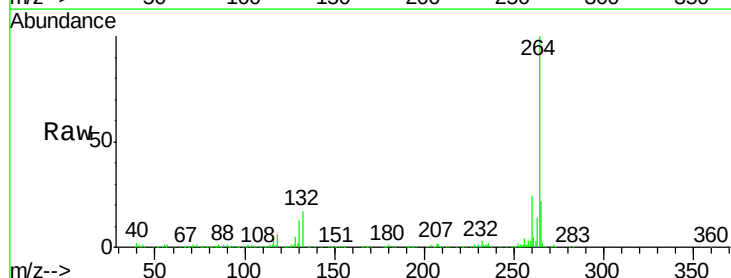
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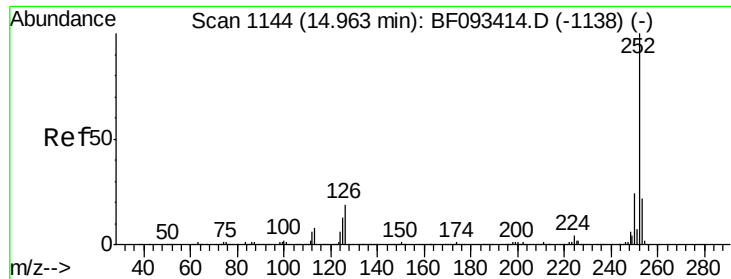
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF093703.D
 Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 46.06 ng m

RT: 14.87 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1015690

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

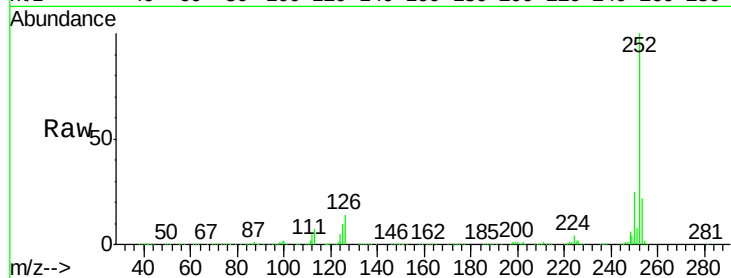
125 10.3 9.8 14.6

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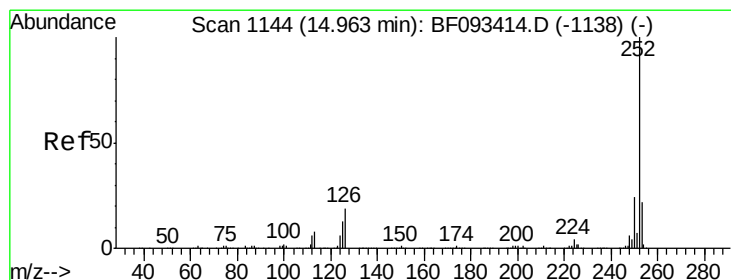
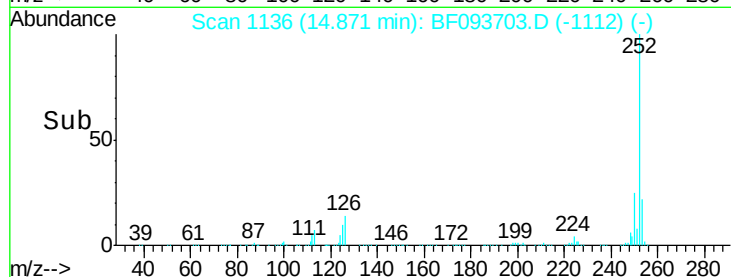
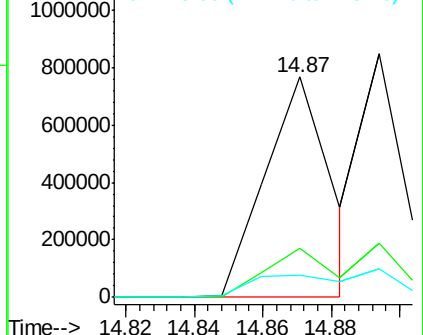
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.73 ng m

RT: 14.89 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Tgt Ion:252 Resp: 738566

Ion Ratio Lower Upper

252 100

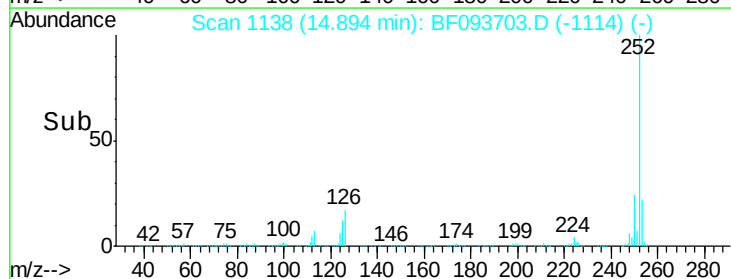
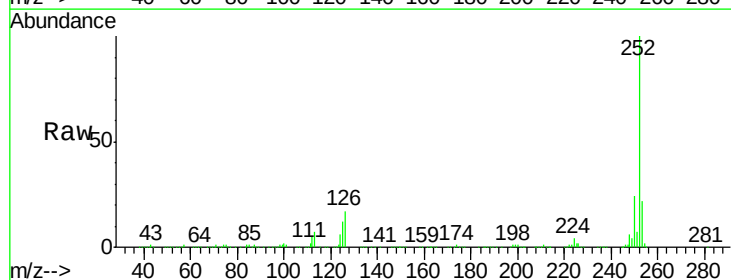
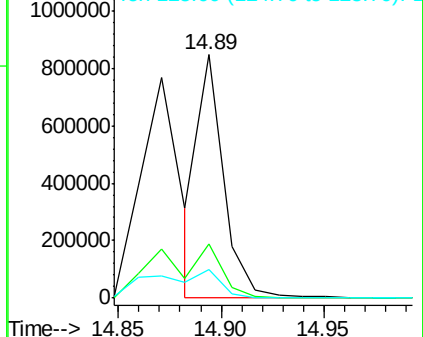
253 22.2 18.5 27.7

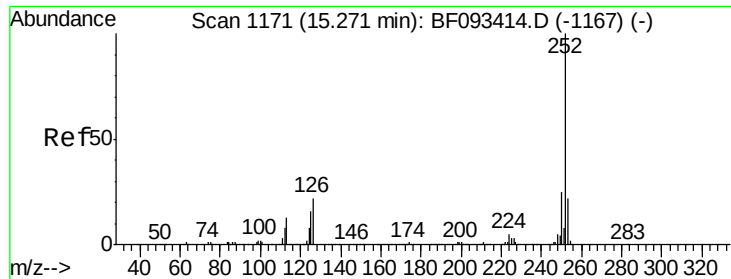
125 11.6 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





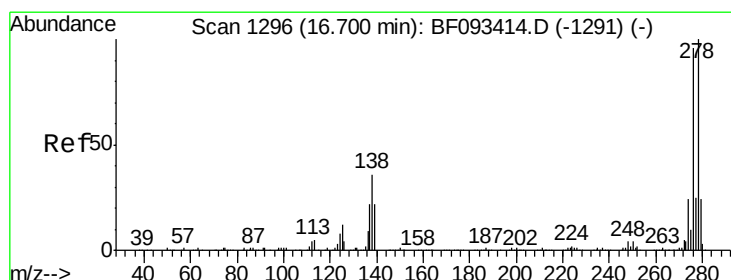
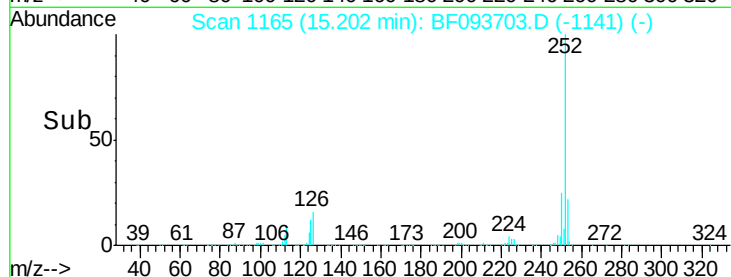
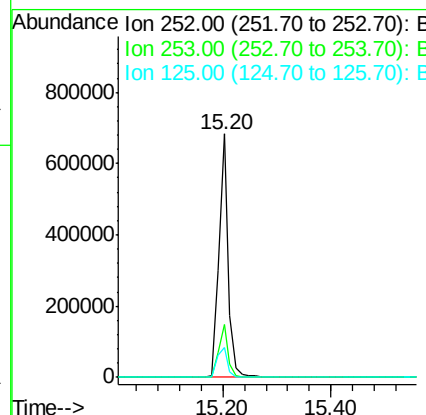
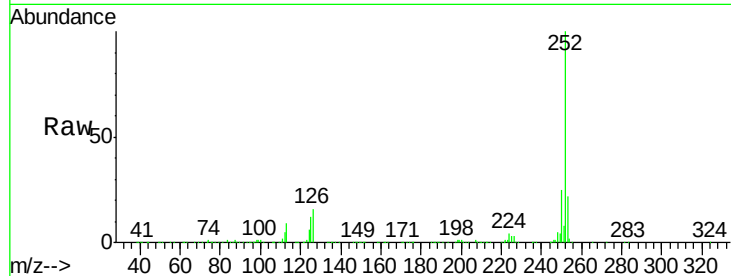
#89
Benzo(a)pyrene
Concen: 41.26 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.3	10.0	15.0

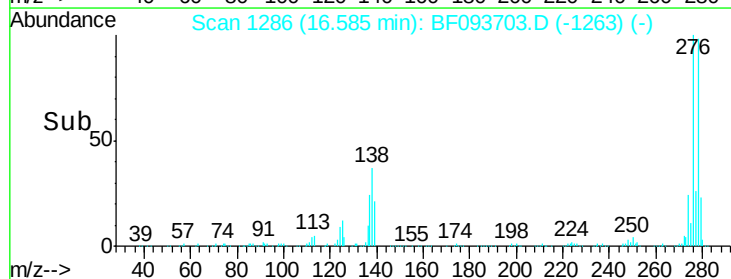
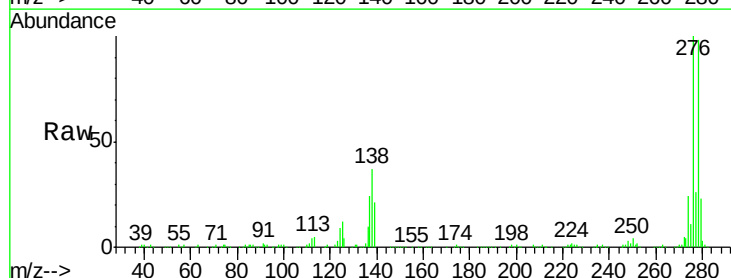
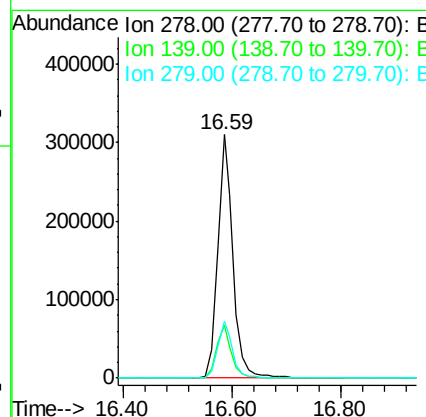
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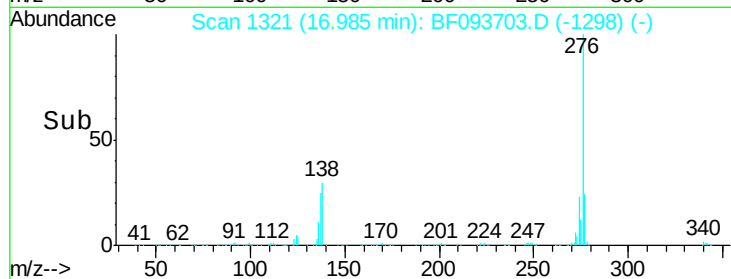
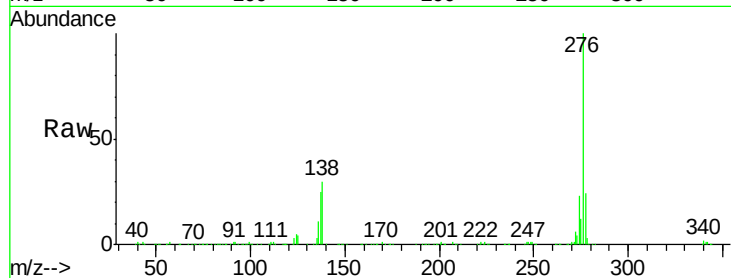
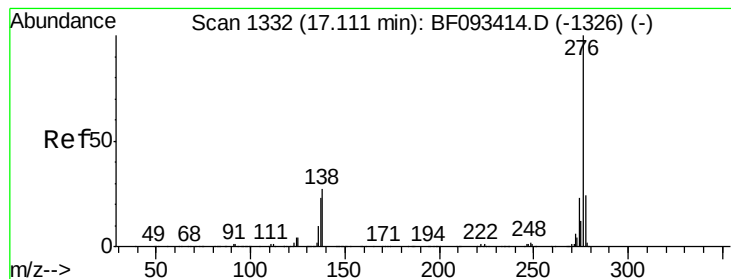
mohammad
3/17/2017 2:29:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.84 ng
RT: 16.59 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF093703.D
Acq: 16 Mar 2017 13:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	14.8	22.2
279	23.5	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 35.69 ng

RT: 16.99 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF093703.D

Acq: 16 Mar 2017 13:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 610774

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 29.6 16.0 24.0#

Manual Integrations

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