

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093606.D
 Acq On : 13 Mar 2017 14:46
 Operator : SJ/MA
 Sample : I2174-19MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:37:41 PM

Quant Time: Mar 14 01:25:32 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	6.71	152	157978	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	650971	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301081	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	506800	20.00	ng	0.00
75) Chrysene-d12	13.90	240	324463	20.00	ng	0.01
86) Perylene-d12	15.31	264	96746	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1334977	140.64	ng	0.00
7) Phenol-d6	6.38	99	1593394	133.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	1099433	93.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	285749	145.67	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1627825	100.56	ng	0.00
78) Terphenyl-d14	12.84	244	1263154	101.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	215166	41.15	ng	# 70
3) Pyridine	3.03	79	245011m	18.38	ng	
4) n-Nitrosodimethylamine	2.93	42	287307	45.13	ng	81
6) Aniline	6.40	93	42415	2.58	ng	# 1
8) 2-Chlorophenol	6.50	128	461525	43.40	ng	97
9) Benzaldehyde	6.26	77	269347	34.97	ng	95
10) Phenol	6.39	94	596616	40.68	ng	# 70
11) bis(2-Chloroethyl)ether	6.45	93	500870	42.25	ng	90
12) 1,3-Dichlorobenzene	6.64	146	495090m	40.67	ng	
13) 1,4-Dichlorobenzene	6.72	146	528763	42.43	ng	98
14) 1,2-Dichlorobenzene	6.88	146	467053	42.32	ng	96
15) Benzyl Alcohol	6.88	79	260584	30.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	864338	43.89	ng	59
17) 2-Methylphenol	7.00	107	408566	45.42	ng	# 82
18) Hexachloroethane	7.21	117	180609	42.97	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	365037	44.36	ng	90
20) 3+4-Methylphenols	7.16	107	575460	49.33	ng	# 71
22) Acetophenone	7.13	105	691354	44.13	ng	# 98
24) Nitrobenzene	7.30	77	580560	44.03	ng	99
25) Isophorone	7.54	82	1022270	43.21	ng	# 93
26) 2-Nitrophenol	7.62	139	265369	44.11	ng	94
27) 2,4-Dimethylphenol	7.68	122	398431	40.71	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	633434	42.41	ng	99
29) 2,4-Dichlorophenol	7.89	162	399963	43.44	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	410978	41.97	ng	95
31) Naphthalene	8.02	128	1390621	42.63	ng	99
32) Benzoic acid	7.85	122	283545	55.75	ng	94
34) Hexachlorobutadiene	8.14	225	219120	43.45	ng	99
35) Caprolactam	8.47	113	99869m	31.76	ng	
36) 4-Chloro-3-methylphenol	8.60	107	433803	44.14	ng	97
37) 2-Methylnaphthalene	8.72	142	903958	43.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	377375	45.90	ng	99
40) Hexachlorocyclopentadiene	8.87	237	225654	104.43	ng	98
42) 2,4,6-Trichlorophenol	9.02	196	261330	50.88	ng	92

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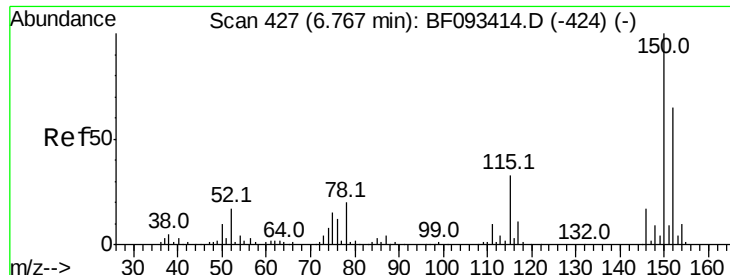
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	256401	46.52	nq	96
45) 1,1'-Biphenyl	9.18	154	1000059	45.60	nq	95
46) 2-Chloronaphthalene	9.21	162	850014	50.63	nq	95
47) 2-Nitroaniline	9.33	65	194412	32.76	nq	93
48) Acenaphthylene	9.62	152	1253016	45.25	nq	98
49) Dimethylphthalate	9.50	163	1001391	50.17	nq	99
50) 2,6-Dinitrotoluene	9.57	165	228104	52.08	nq	# 83
51) Acenaphthene	9.80	154	794615	48.53	nq	97
52) 3-Nitroaniline	9.76	138	16769	3.19	nq	# 73
53) 2,4-Dinitrophenol	9.86	184	219222	109.91	nq	# 62
54) Dibenzofuran	9.97	168	1088531	53.12	nq	99
55) 4-Nitrophenol	9.96	139	177293m	69.37	nq	
56) 2,4-Dinitrotoluene	9.98	165	283155	52.62	nq	94
57) Fluorene	10.31	166	819162	47.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	213152	54.80	nq	98
59) Diethylphthalate	10.20	149	986318	51.70	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	368064	47.29	nq	97
61) 4-Nitroaniline	10.36	138	71081	13.21	nq	85
62) Azobenzene	10.46	77	1054934	48.67	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	150126	45.72	nq	# 42
65) n-Nitrosodiphenylamine	10.42	169	213407	12.61	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	220734	41.19	nq	96
67) Hexachlorobenzene	10.86	284	214954	42.00	nq	# 78
68) Atrazine	10.96	200	13718	2.77	nq	93
69) Pentachlorophenol	11.08	266	171390	97.00	nq	97
70) Phenanthrene	11.27	178	1174574	40.60	nq	99
71) Anthracene	11.33	178	1269241	43.37	nq	99
72) Carbazole	11.50	167	314077	11.43	nq	96
73) Di-n-butylphthalate	11.82	149	1464639	46.05	nq	# 97
74) Fluoranthene	12.46	202	1142735	40.90	nq	95
77) Pyrene	12.69	202	1111760	47.11	nq	100
79) Butylbenzylphthalate	13.30	149	516839	52.03	nq	90
80) Benzo(a)anthracene	13.89	228	807951m	42.17	nq	
82) Chrysene	13.92	228	716538	40.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	681767	49.24	nq	99
84) Di-n-octyl phthalate	14.48	149	1090215	47.24	nq	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	572403	38.57	nq	# 92
87) Benzo(b)fluoranthene	14.91	252	847183m	143.78	nq	
88) Benzo(k)fluoranthene	14.94	252	445530m	78.41	nq	
89) Benzo(a)pyrene	15.25	252	509771	94.67	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	603718	135.52	nq	98
91) Benzo(g,h,i)perylene	17.07	276	476225	104.15	nq	# 88

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



#1

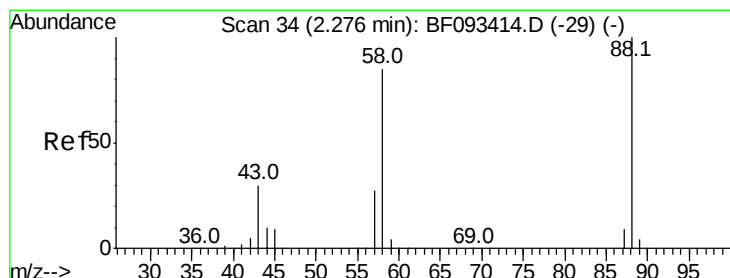
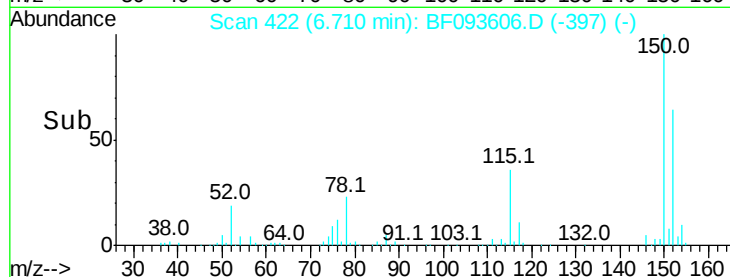
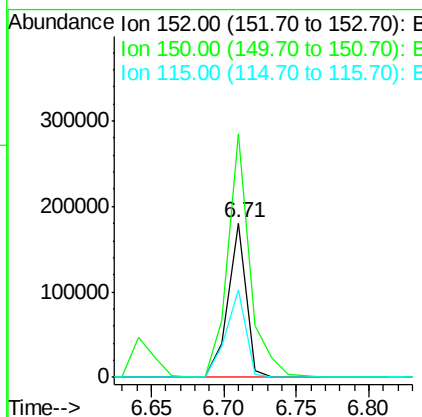
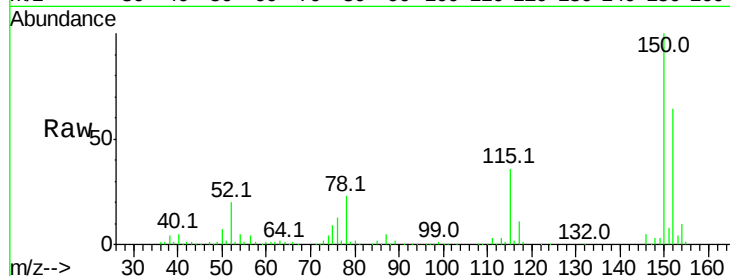
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	56.6	46.0	69.0

Manual Integrations
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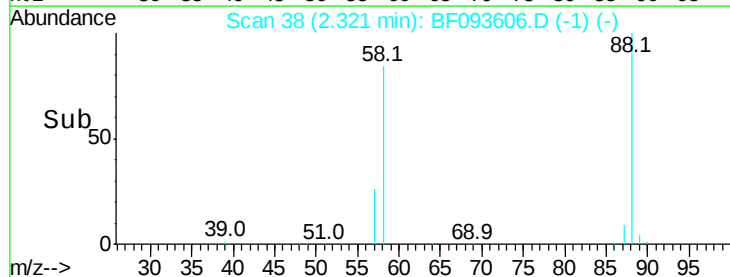
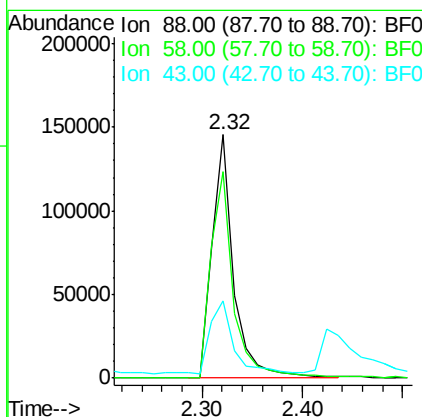
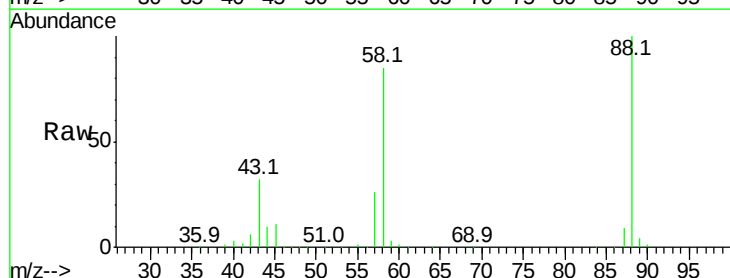
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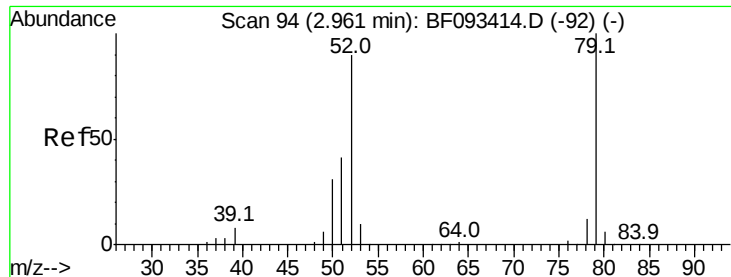


#2

1,4-Dioxane
Concen: 41.15 ng
RT: 2.32 min Scan# 38
Delta R.T. 0.14 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 18.38 ng/ml

RT: 3.03 min Scan# 100

Delta R.T. 0.17 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

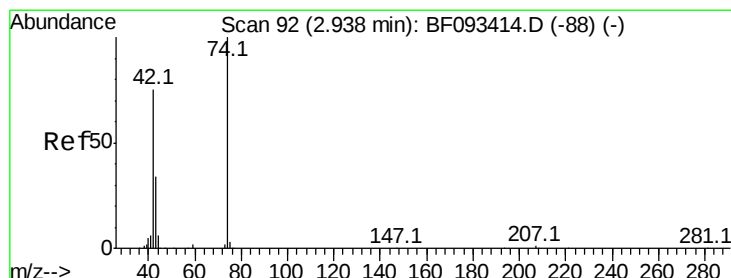
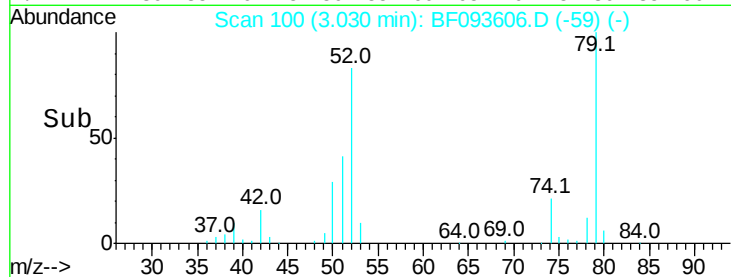
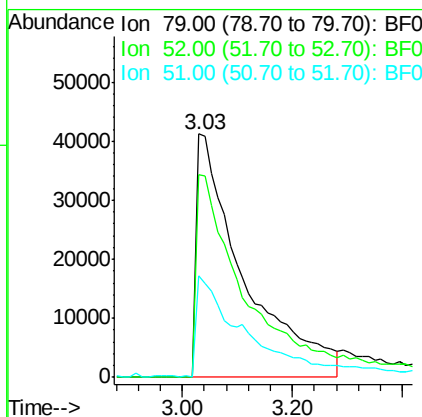
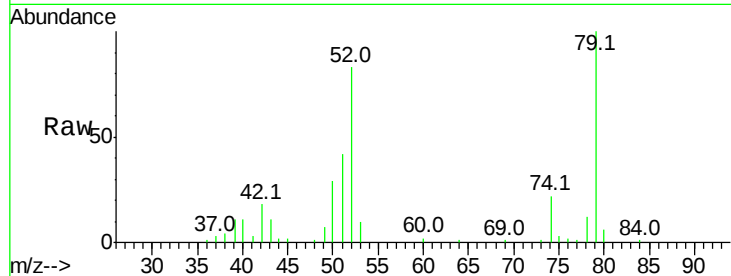
ClientSampleId :

D-64MSD

Tot Ion:	79	Resp:	245011
Ion Ratio	Lower	Upper	
79	100		
52	83.4	57.1	85.7
51	41.6	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.13 ng/ml

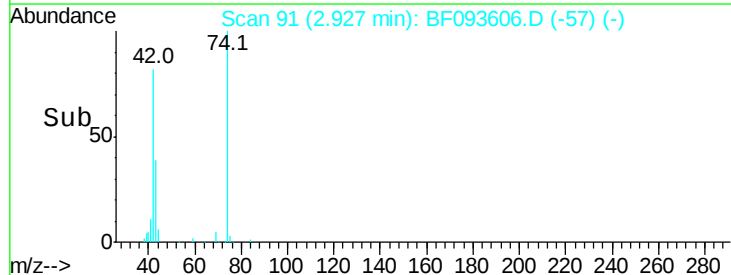
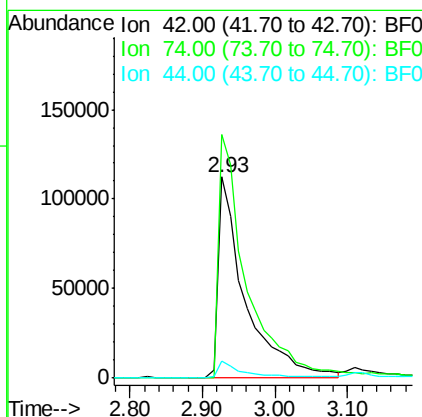
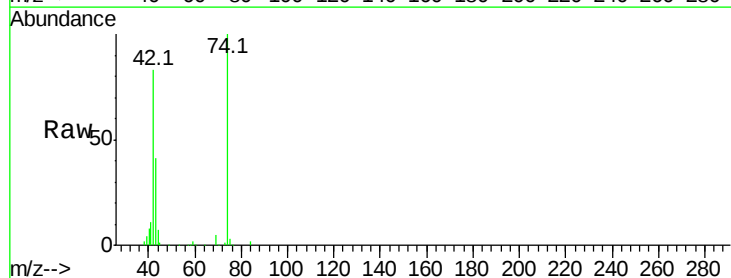
RT: 2.93 min Scan# 91

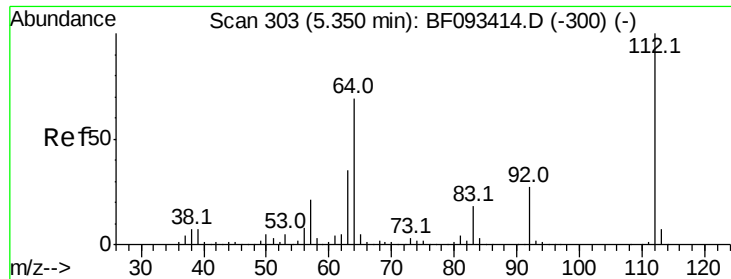
Delta R.T. 0.09 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	42	Resp:	287307
Ion Ratio	Lower	Upper	
42	100		
74	121.1	117.0	175.4
44	8.3	5.5	8.3





#5

2-Fluorophenol

Concen: 140.64 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampled :

D-64MSD

Tot Ion: 112 Resp: 1334977

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

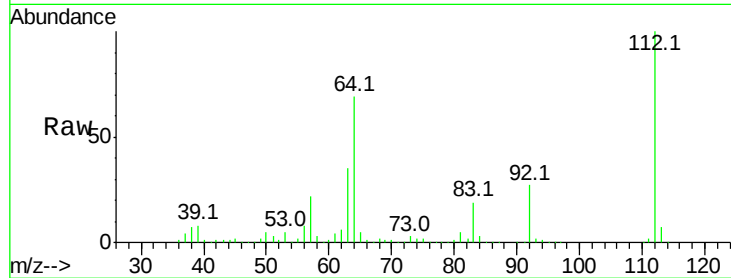
63 34.8 23.8 35.6

Manual Integrations

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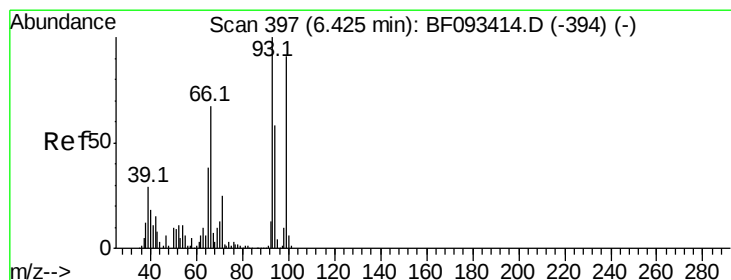
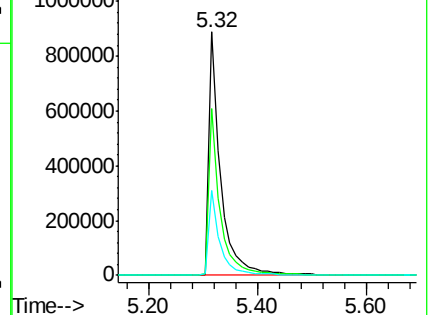
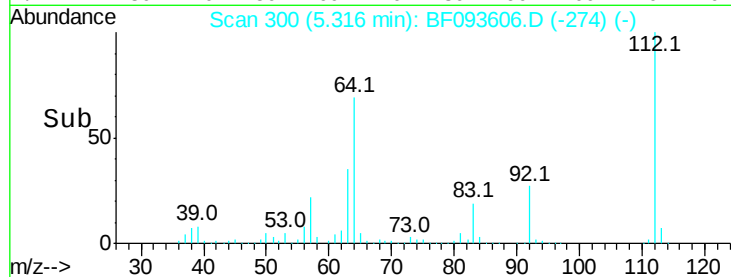
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.58 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

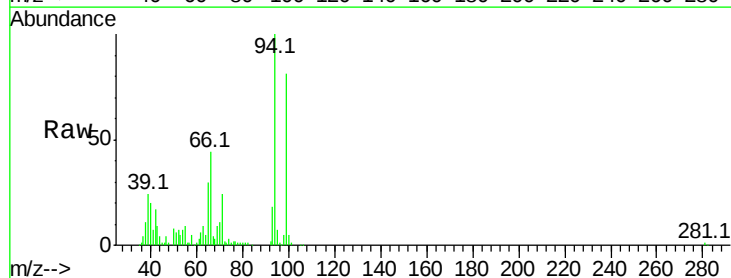
Tgt Ion: 93 Resp: 42415

Ion Ratio Lower Upper

93 100

66 244.6 76.2 114.2#

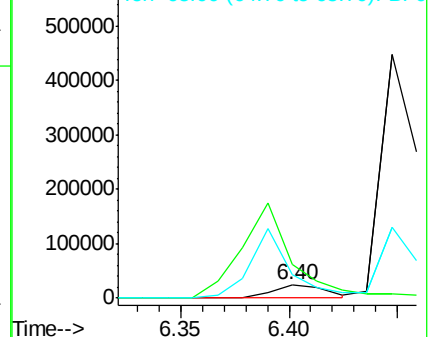
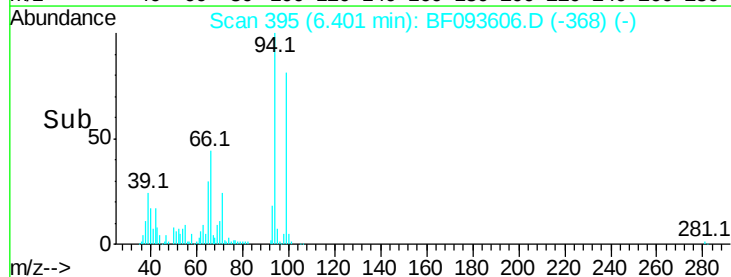
65 169.1 49.3 73.9#

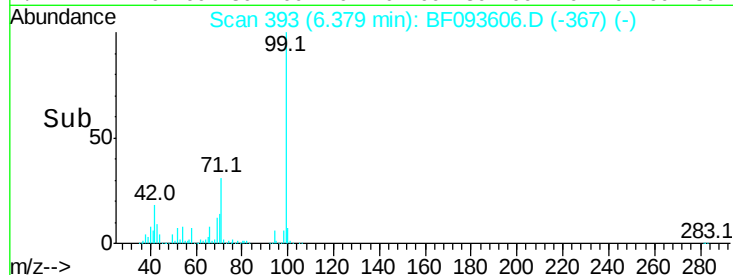
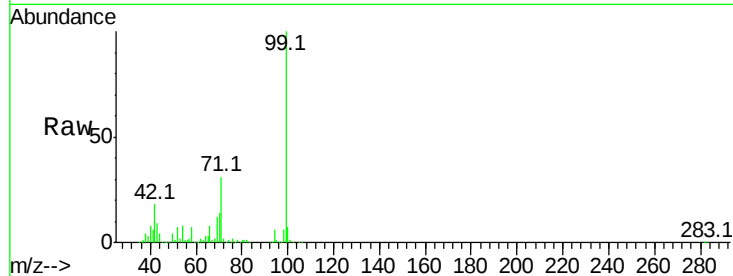
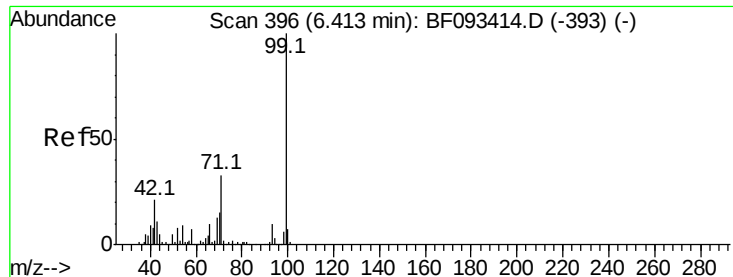


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.12 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tot Ion:	99	Resp:	1593394
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	31.5	27.5	41.3

Instrument :

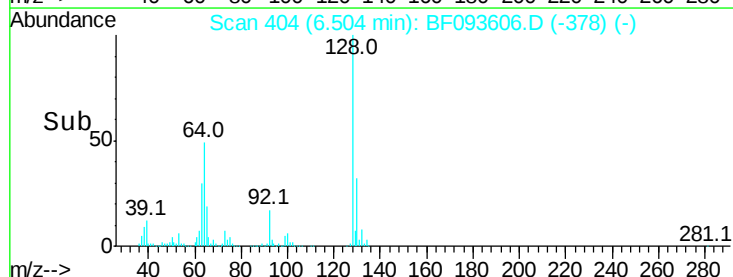
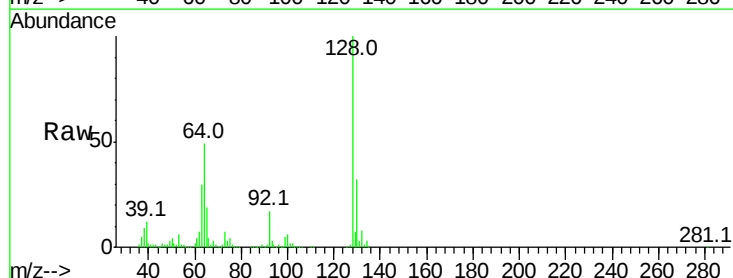
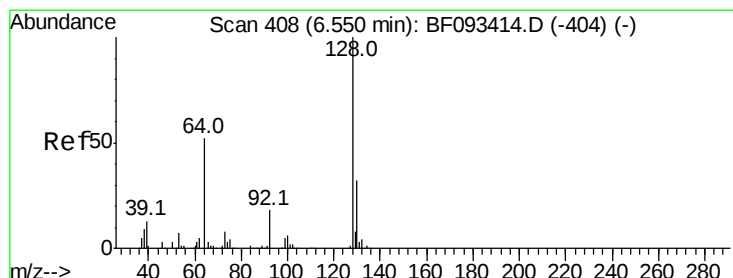
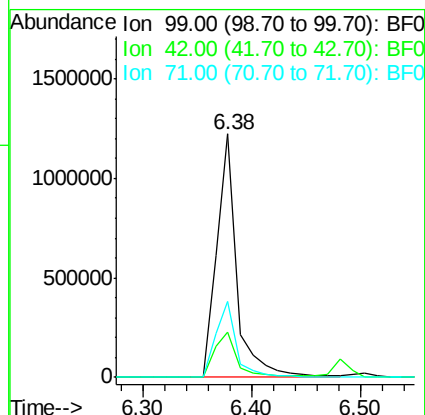
BNA_F

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D-64MSD

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#8

2-Chlorophenol

Concen: 43.40 ng

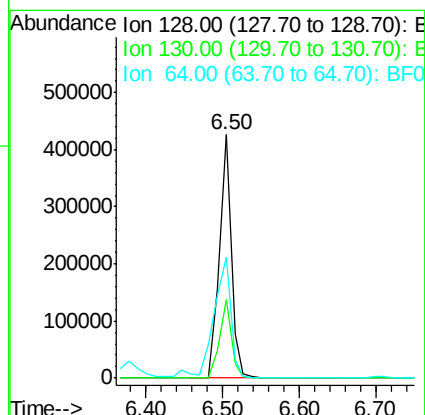
RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	128	Resp:	461525
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	49.5	32.2	72.2





#9

Benzaldehyde

Concen: 34.97 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

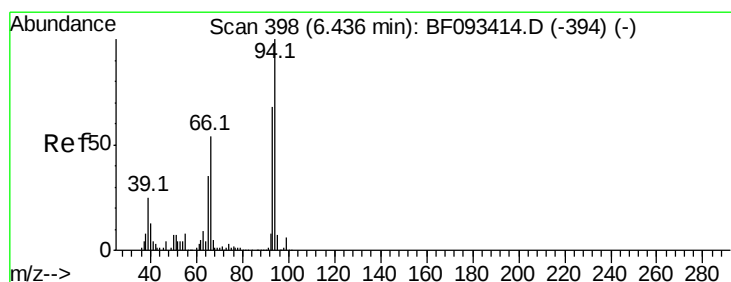
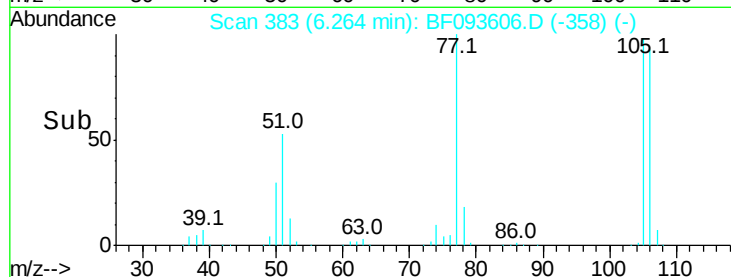
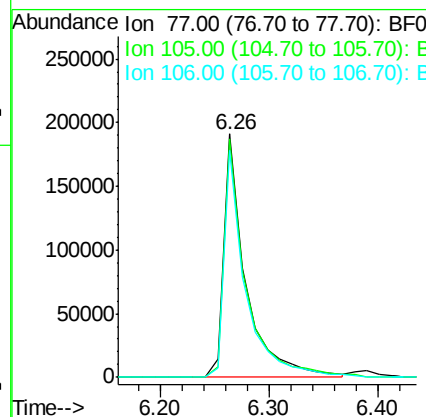
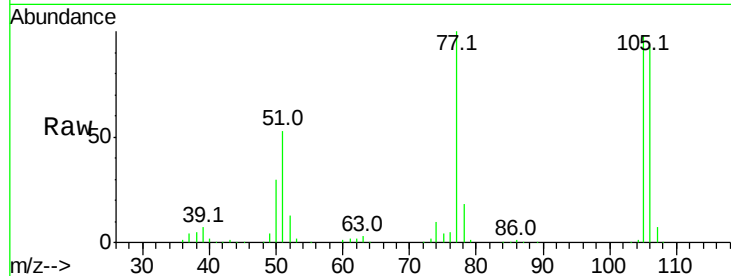
ClientSampleId :

D-64MSD

Tot Ion:	77	Resp:	269347
Ion Ratio	Lower	Upper	
77	100		
105	97.9	83.9	123.9
106	93.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 40.68 ng

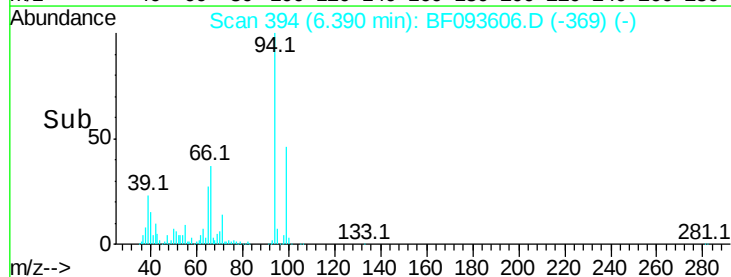
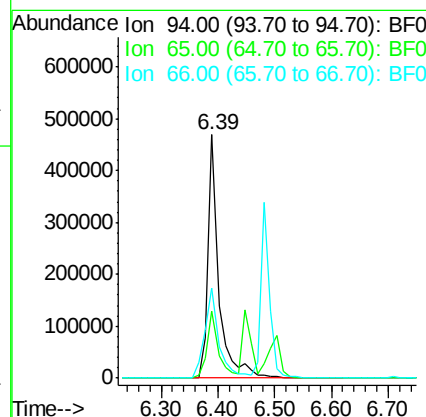
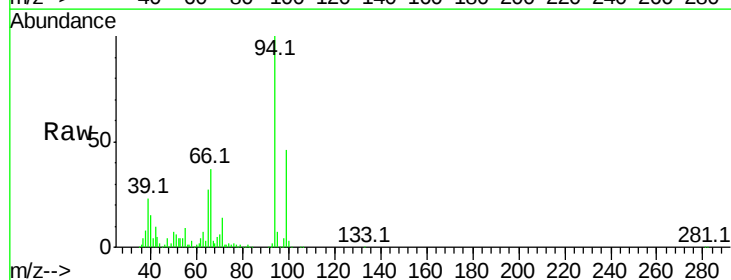
RT: 6.39 min Scan# 394

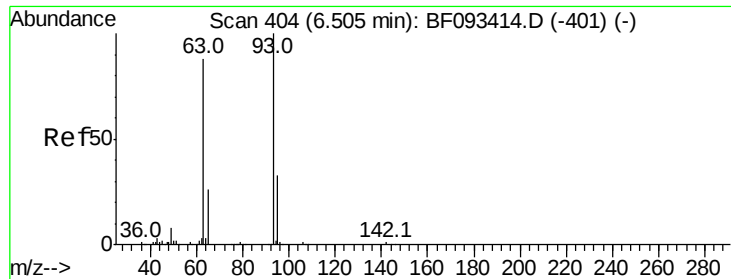
Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	94	Resp:	596616
Ion Ratio	Lower	Upper	
94	100		
65	27.4	21.4	61.4
66	37.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 42.25 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

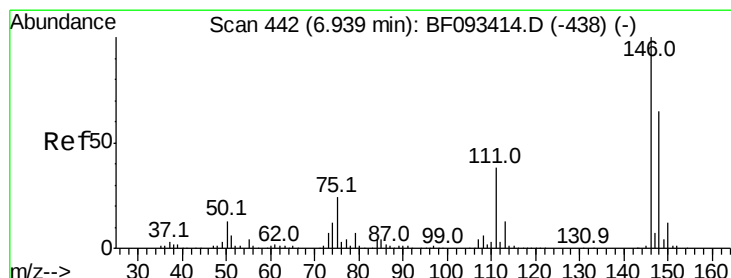
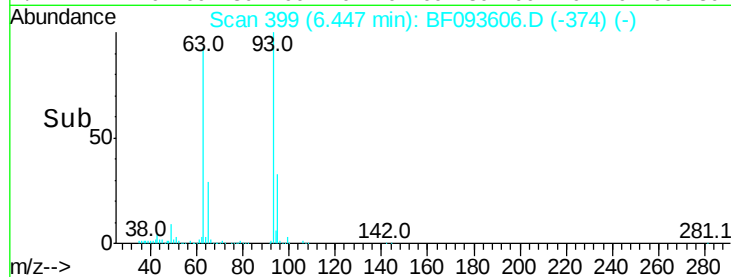
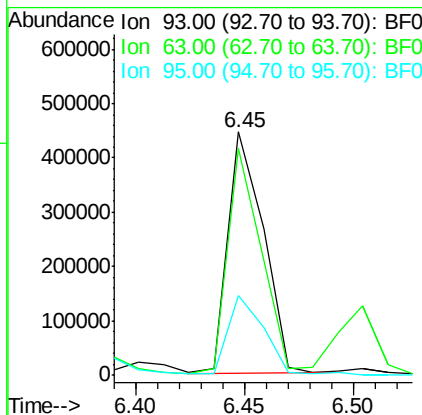
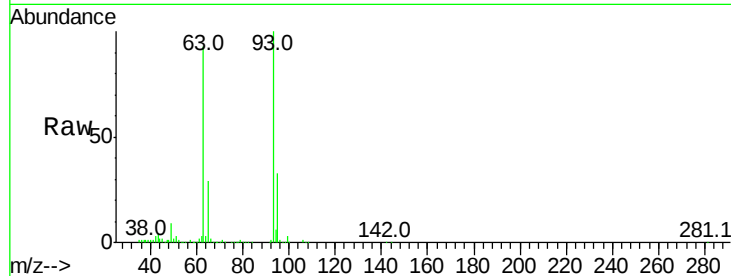
ClientSampleId :

D-64MSD

Tot Ion:	93	Resp:	500870
Ion Ratio	Lower	Upper	
93	100		
63	93.0	60.4	100.4
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.67 ng m

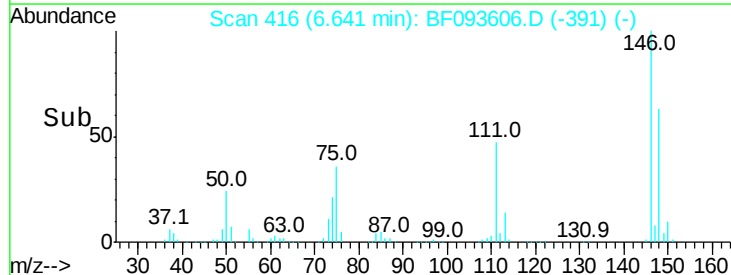
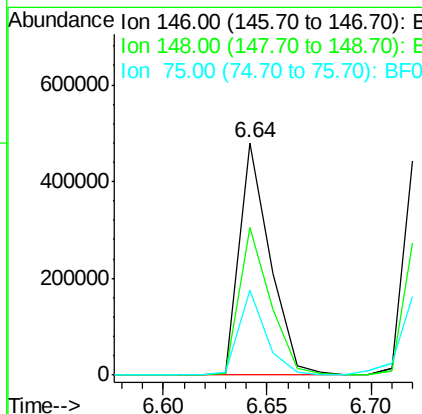
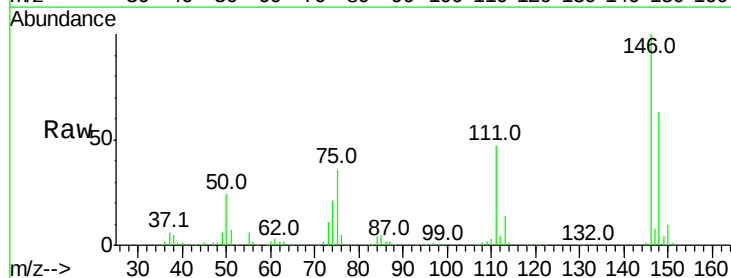
RT: 6.64 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	146	Resp:	495090
Ion Ratio	Lower	Upper	
146	100		
148	63.3	53.4	80.0
75	36.4	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.43 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

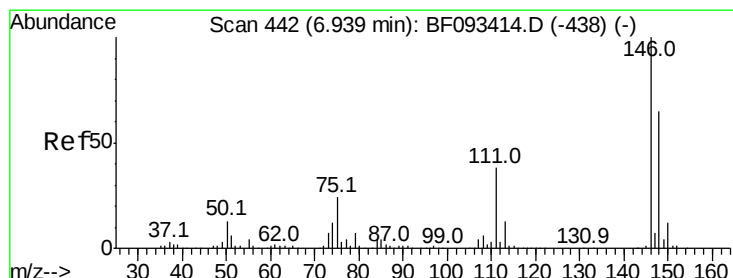
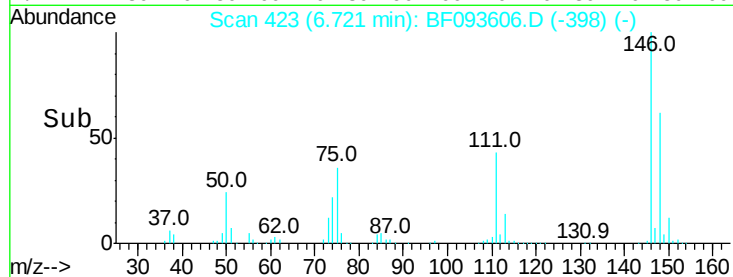
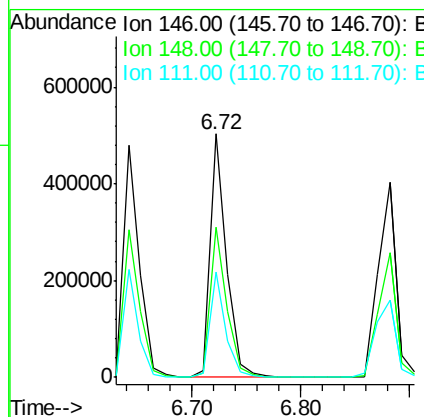
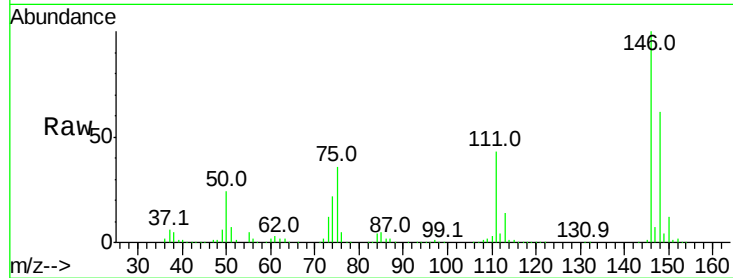
ClientSampleId :

D-64MSD

Tot Ion:	146	Resp:	528763
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.6	76.0
111	43.4	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.32 ng

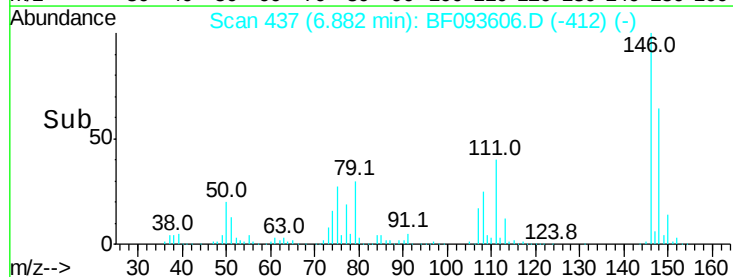
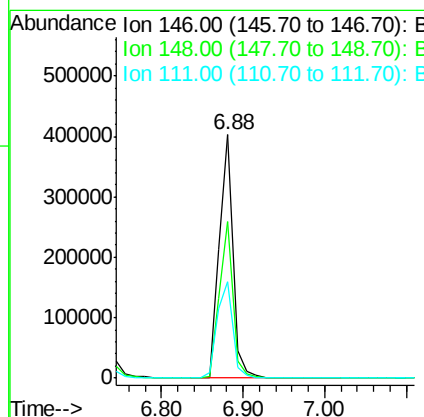
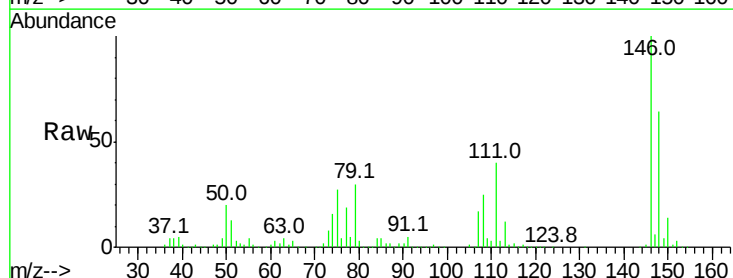
RT: 6.88 min Scan# 437

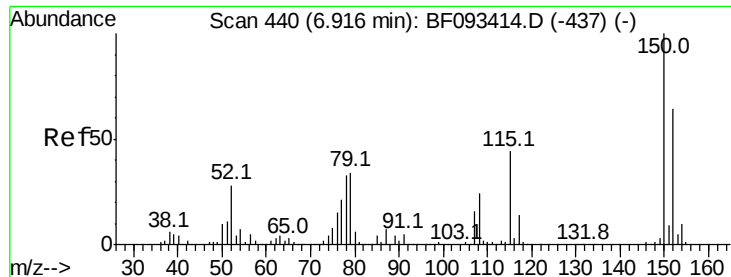
Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	146	Resp:	467053
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	39.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 30.54 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleID :

D-64MSD

Tot Ion: 79 Resp: 260584

Ion Ratio Lower Upper

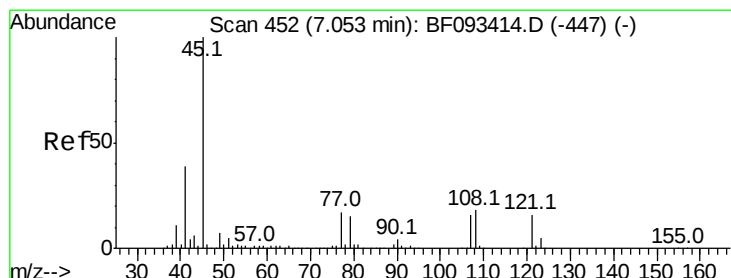
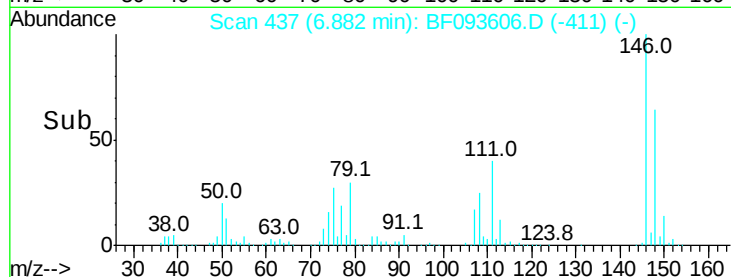
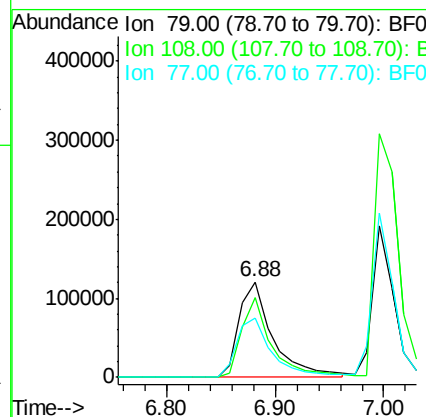
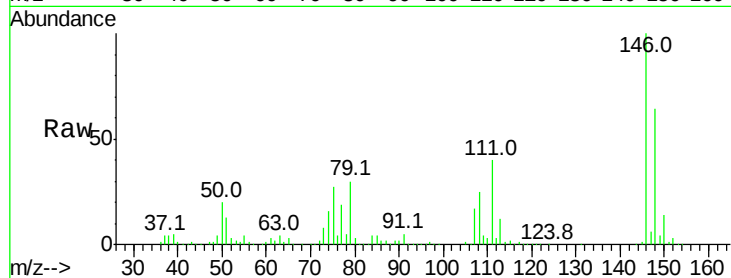
79 100

108 83.5 61.4 92.0

77 62.4 50.9 76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.89 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

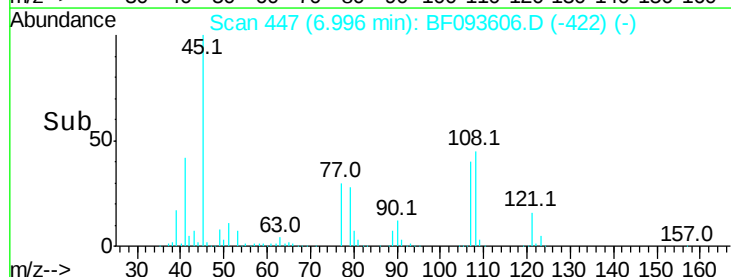
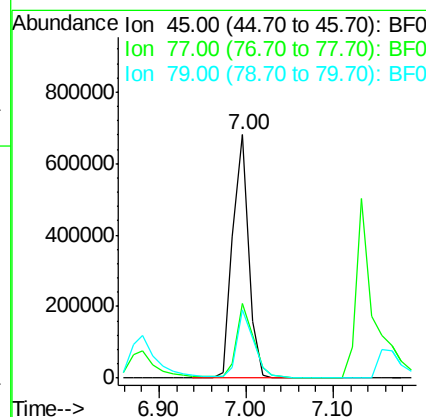
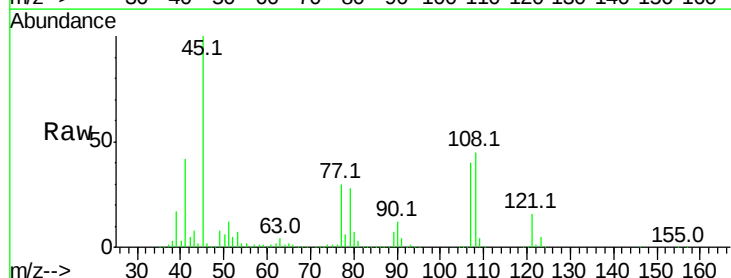
Tgt Ion: 45 Resp: 864338

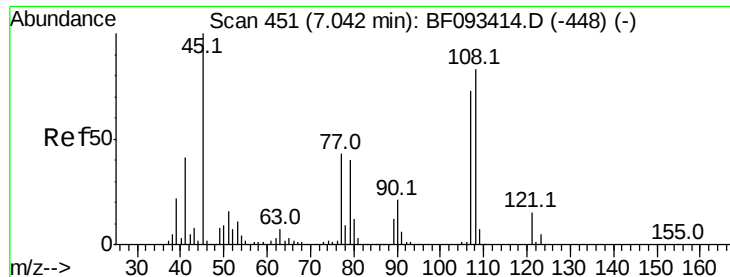
Ion Ratio Lower Upper

45 100

77 30.4 0.0 34.6

79 28.3 0.0 31.2





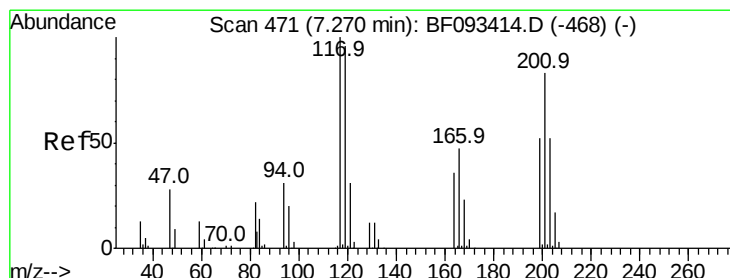
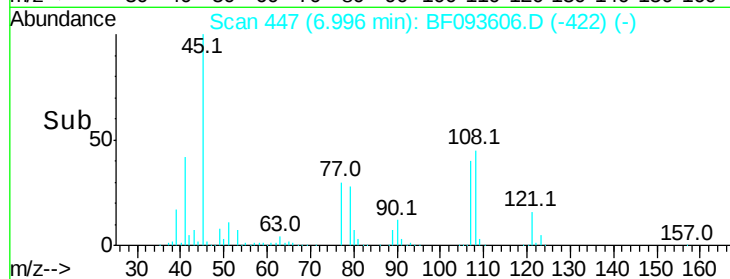
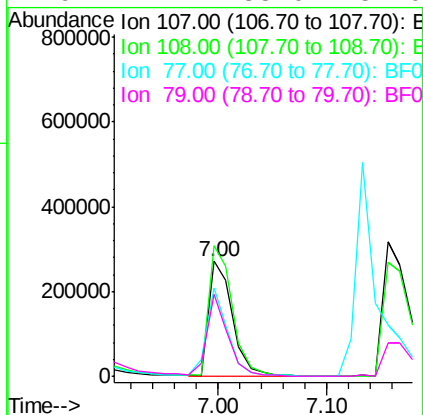
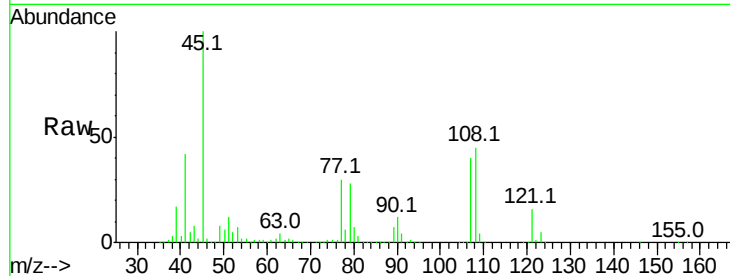
#17
2-Methylphenol
Concen: 45.42 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampled :
D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	93.0	139.6	
77	76.6	39.8	59.8	
79	71.1	38.0	57.0	

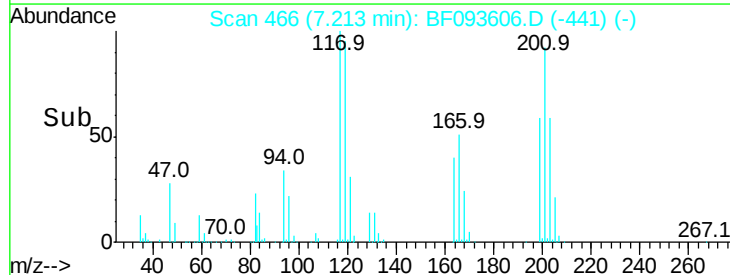
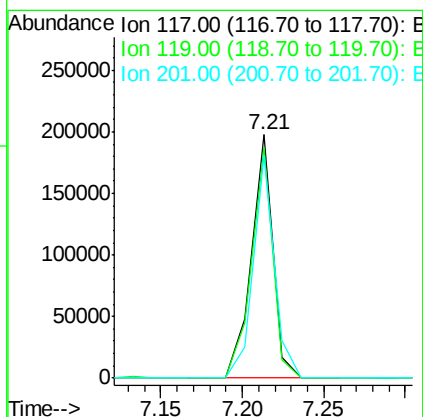
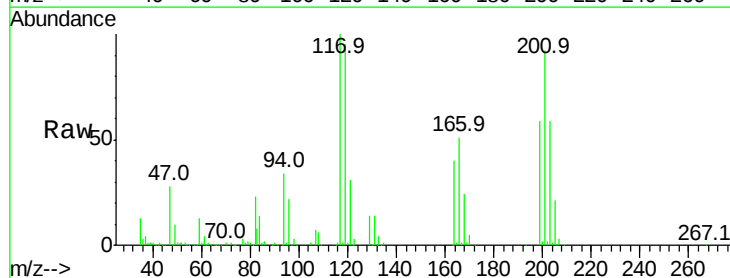
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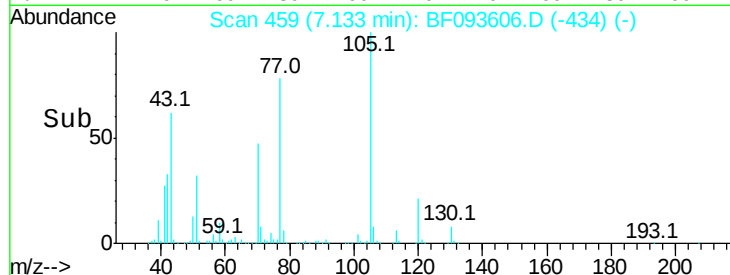
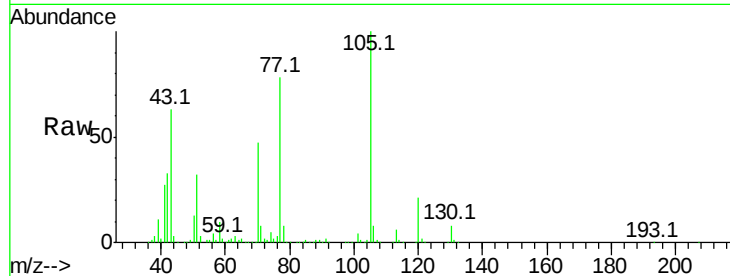
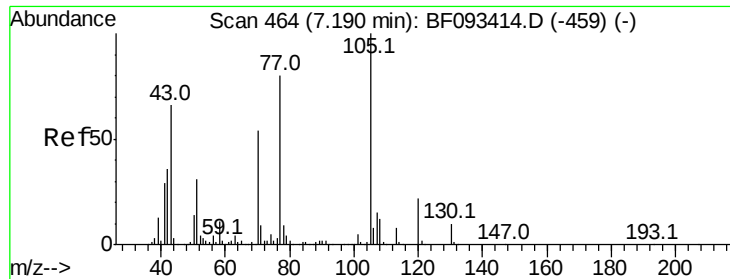
mohammad
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#18
Hexachloroethane
Concen: 42.97 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	78.1	117.1	
201	91.7	78.6	117.8	





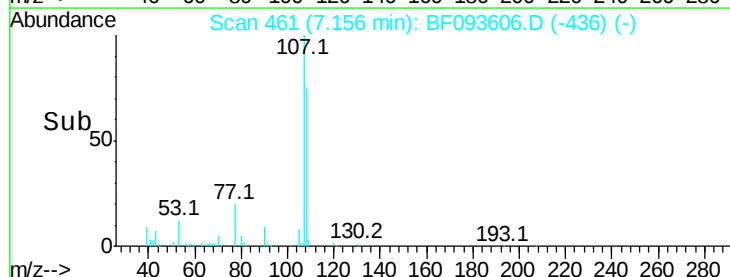
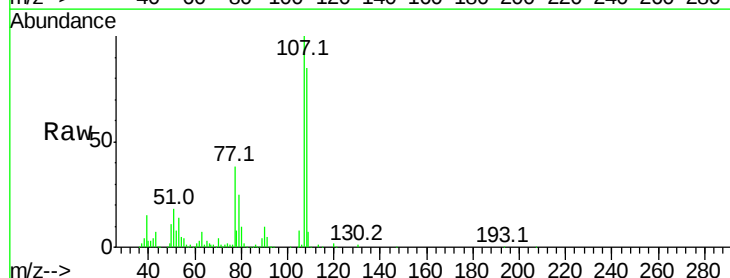
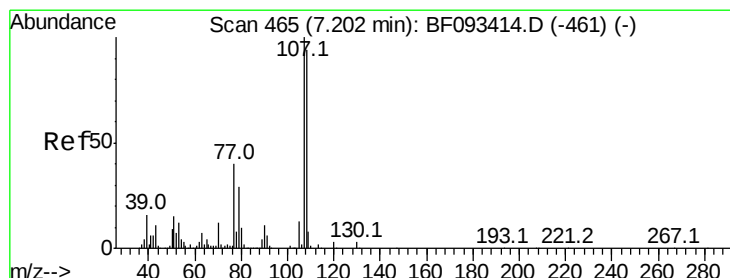
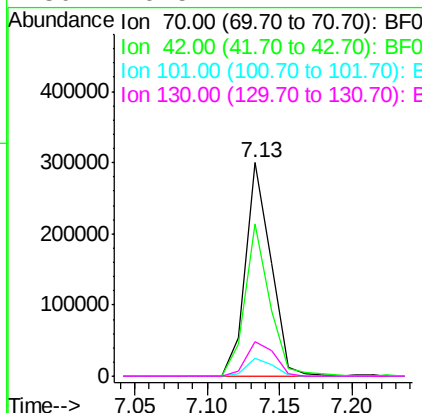
#19
n-Nitroso-di-n-propylamine
Concen: 44.36 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	70	Resp	365037
Ion Ratio	Lower	Upper	
70	100		
42	71.5	49.4	74.0
101	8.3	7.4	11.2
130	16.5	14.2	21.4

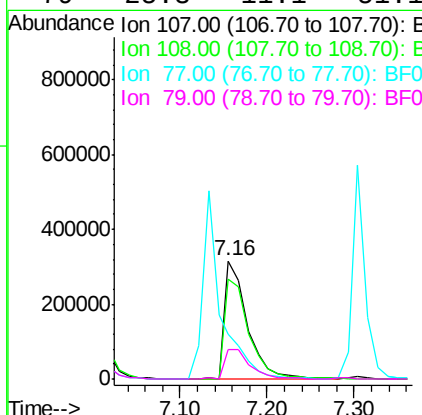
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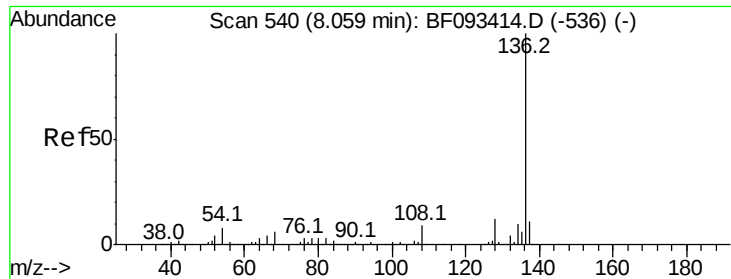
mohammad
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#20
3+4-Methylphenols
Concen: 49.33 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	107	Resp	575460
Ion Ratio	Lower	Upper	
107	100		
108	85.0	73.0	113.0
77	38.0	71.3	111.3#
79	25.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

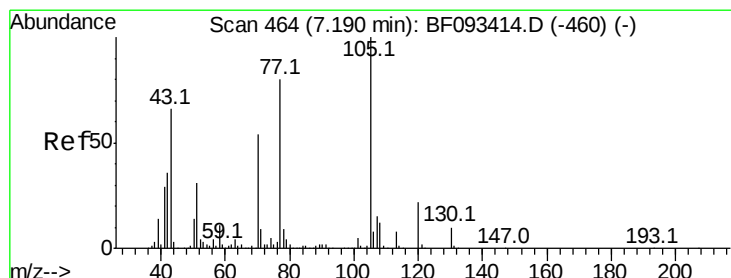
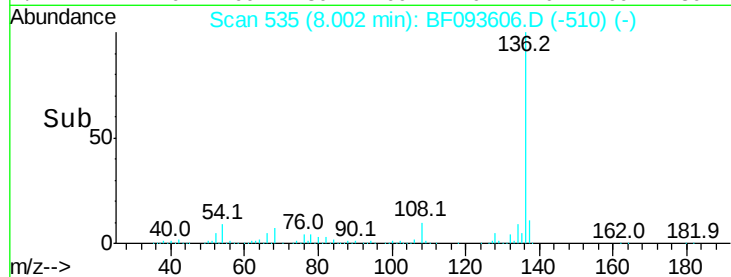
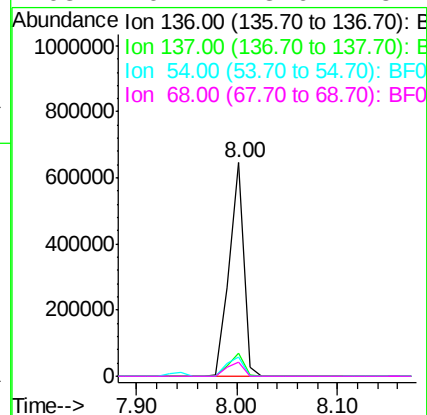
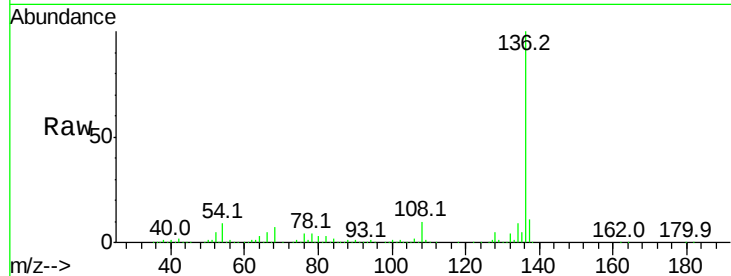
ClientSampleId :

D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	650971		
137	11.0	8.4	12.6	
54	9.1	4.5	6.7#	
68	6.7	3.6	5.4#	

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#22

Acetophenone

Concen: 44.13 ng

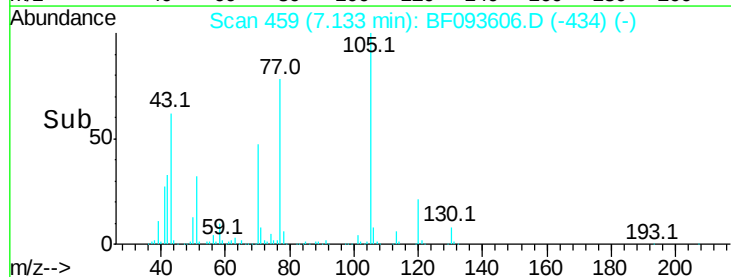
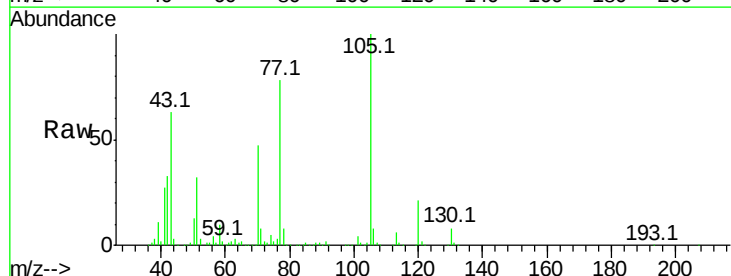
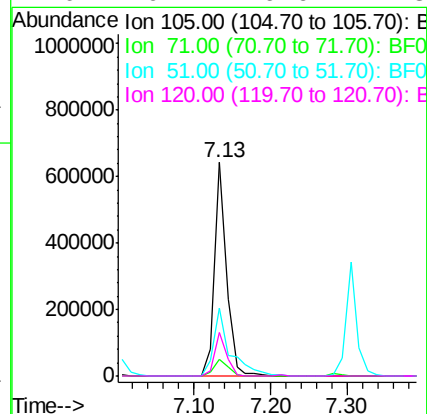
RT: 7.13 min Scan# 459

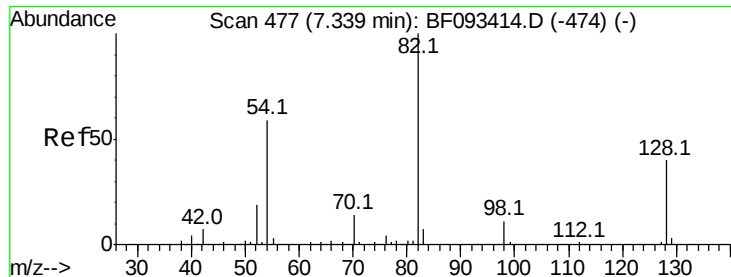
Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691354		
71	8.0	3.2	4.8#	
51	31.8	26.2	39.4	
120	20.7	16.6	24.8	





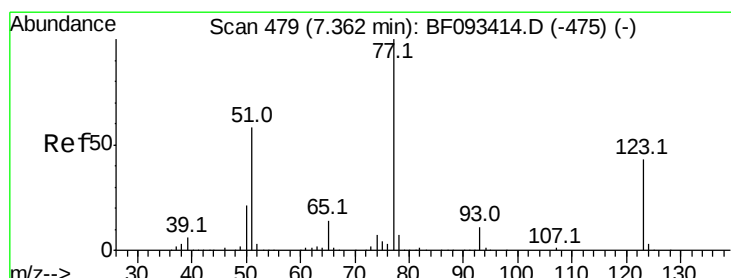
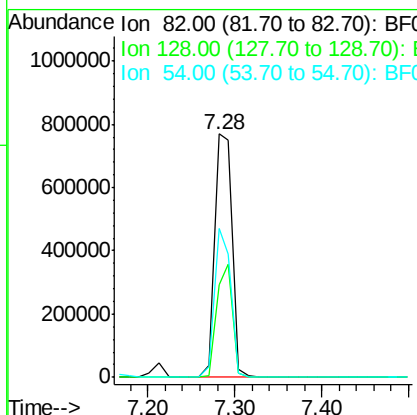
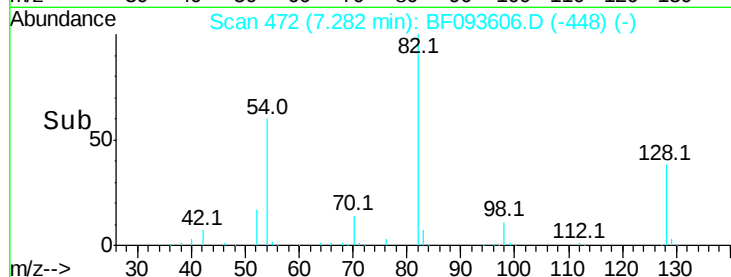
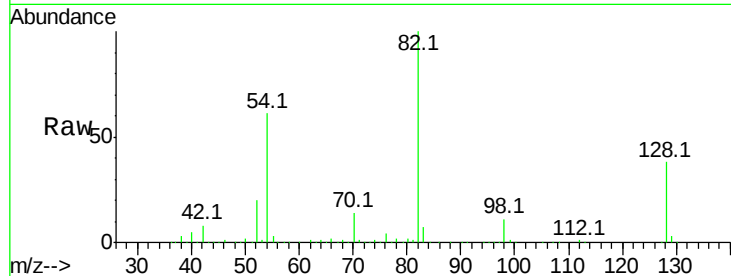
#23
 Nitrobenzene-d5
 Concen: 93.71 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampled :
 D-64MSD

Tot Ion: 82 Resp: 1099433
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.6 52.0
 54 61.3 39.5 59.3#

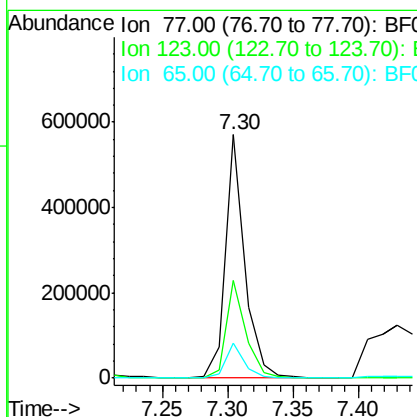
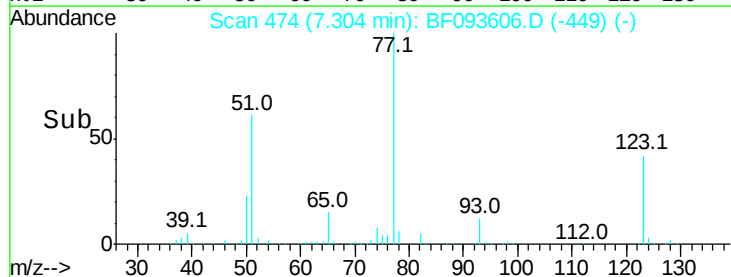
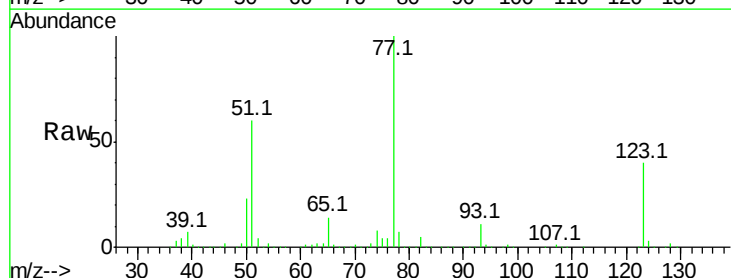
Manual Integrations
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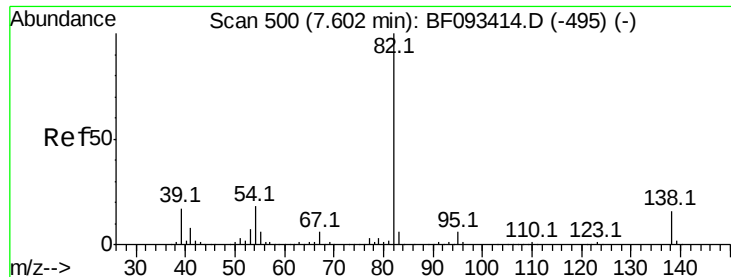
mohammad
 3/15/2017 5:37:41 PM



#24
 Nitrobenzene
 Concen: 44.03 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion: 77 Resp: 580560
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 43.21 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleId :

D-64MSD

Tot Ion: 82 Resp: 1022270

Ion Ratio Lower Upper

82 100

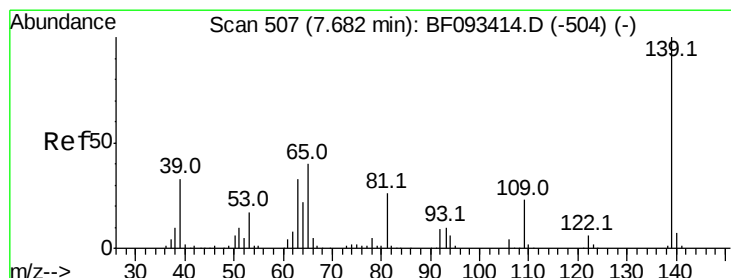
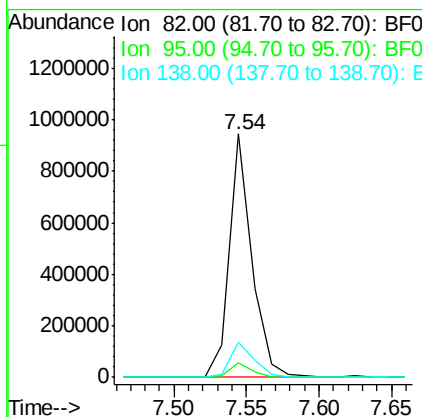
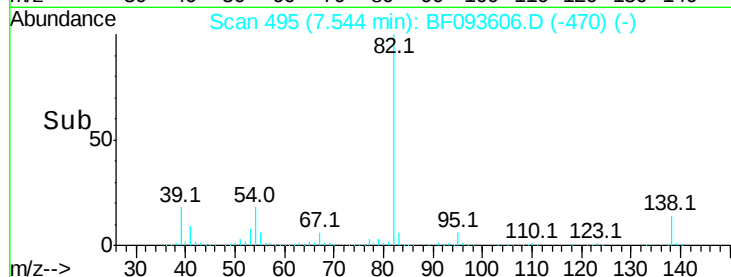
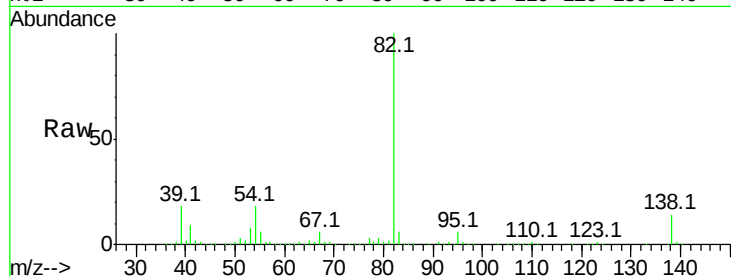
95 6.2 5.6 8.4

138 14.4 14.6 22.0#

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

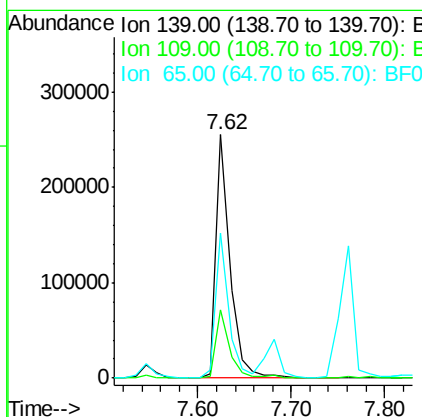
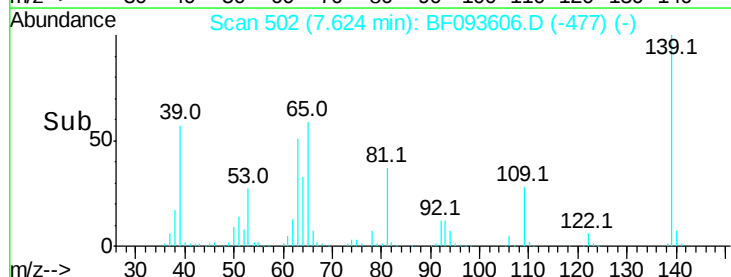
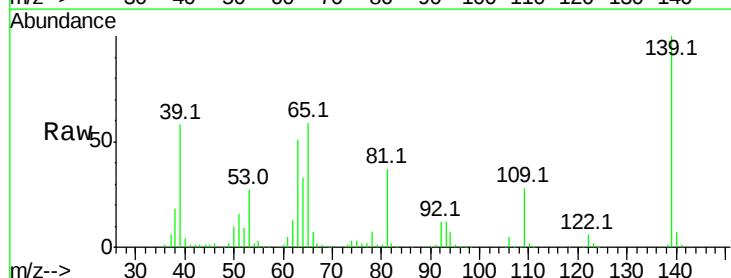
Tgt Ion: 139 Resp: 265369

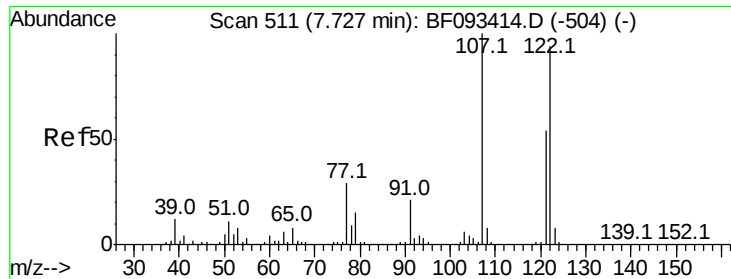
Ion Ratio Lower Upper

139 100

109 28.1 23.3 34.9

65 59.5 42.7 64.1





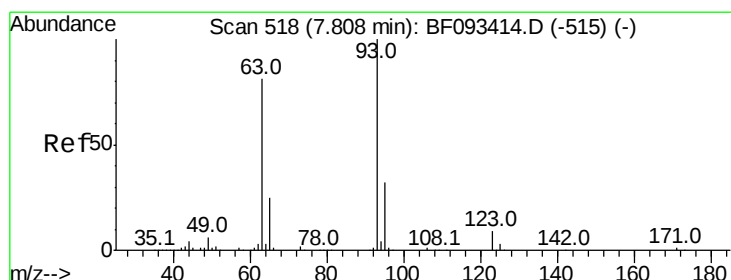
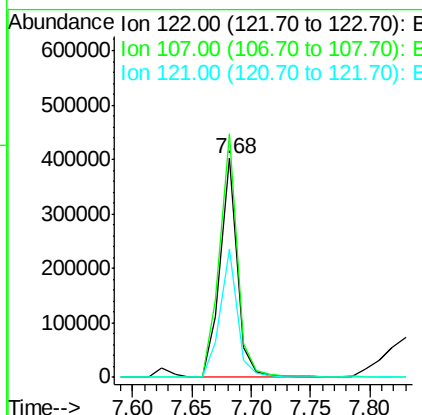
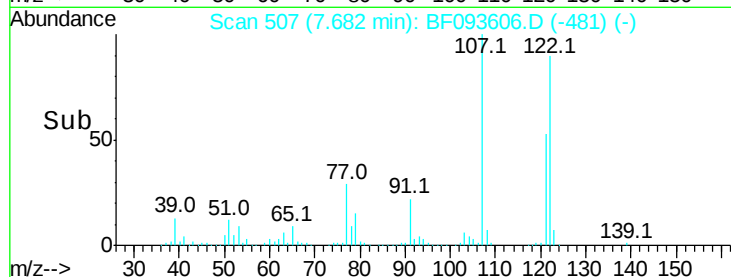
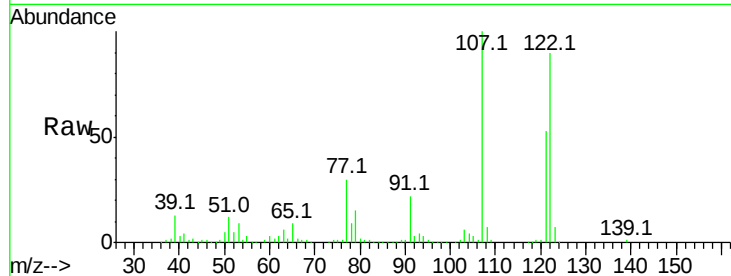
#27
2,4-Dimethylphenol
Concen: 40.71 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	398431		
107	111.3	94.1	141.1	
121	58.6	46.0	69.0	

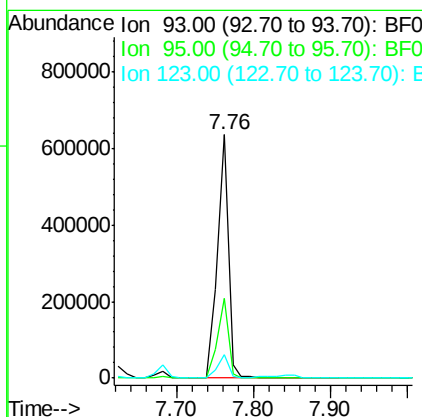
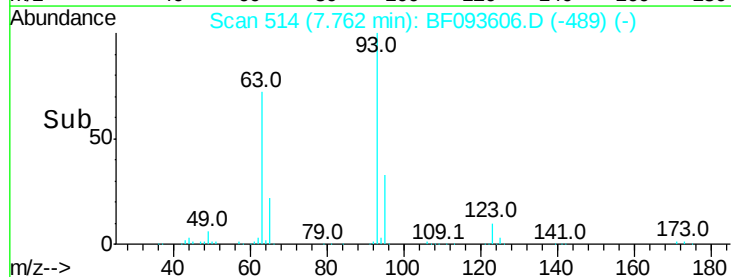
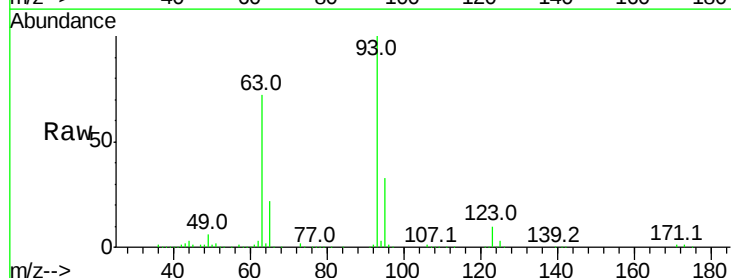
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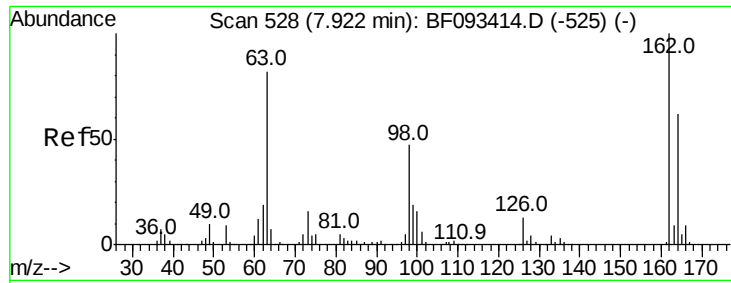
mohammad
3/15/2017 5:37:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.41 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	633434		
95	32.8	26.5	39.7	
123	9.8	8.6	13.0	





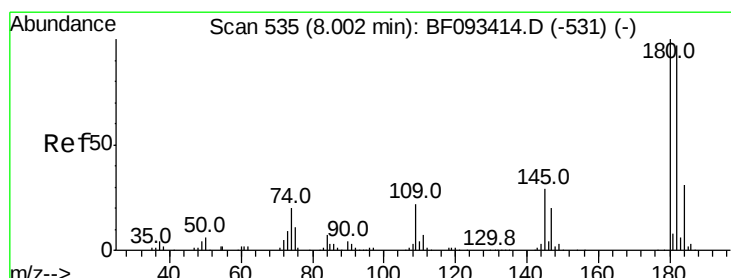
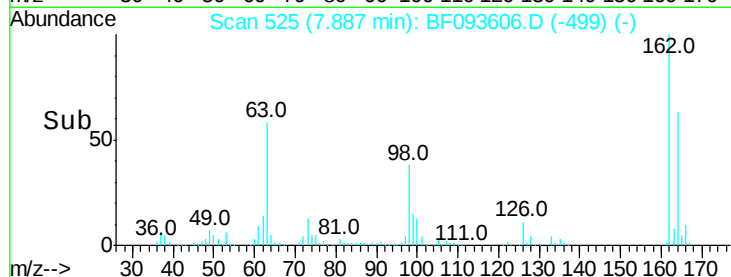
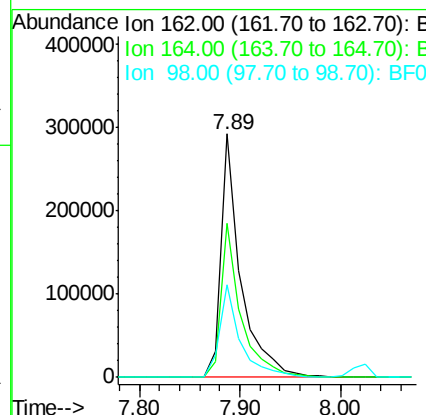
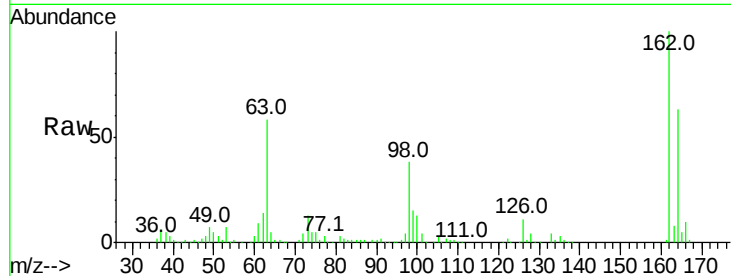
#29
 2,4-Dichlorophenol
 Concen: 43.44 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

Tot Ion:	162	Resp:	399963
Ion Ratio	Lower	Upper	
162	100		
164	63.4	46.8	86.8
98	38.1	9.1	49.1

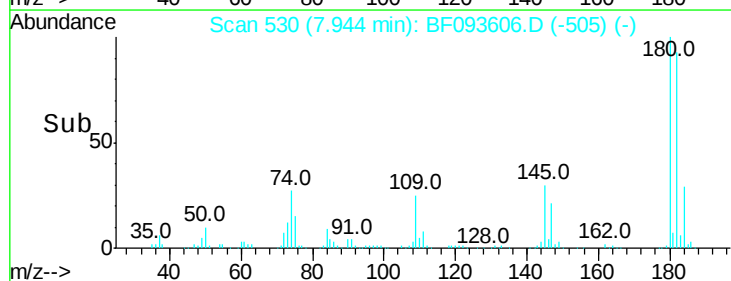
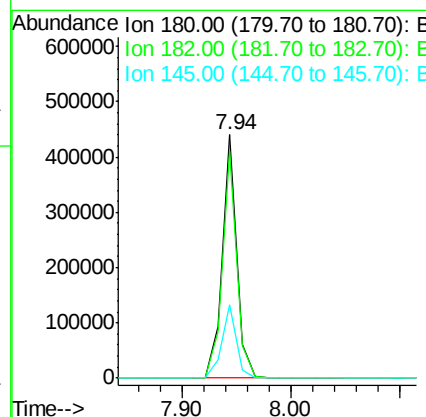
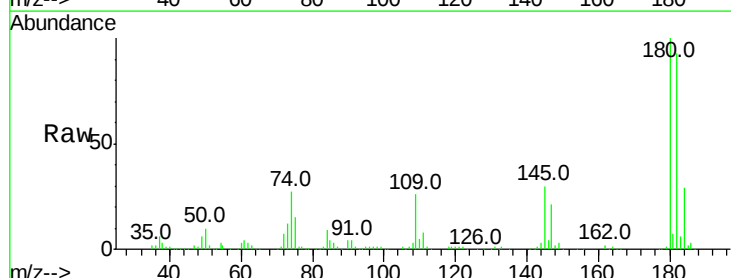
Manual Integrations
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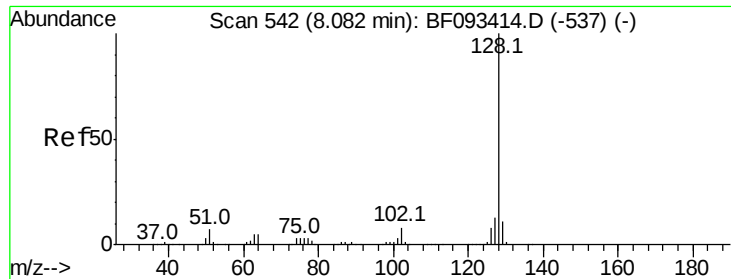
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.97 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion:	180	Resp:	410978
Ion Ratio	Lower	Upper	
180	100		
182	93.5	78.2	117.4
145	30.3	21.6	32.4





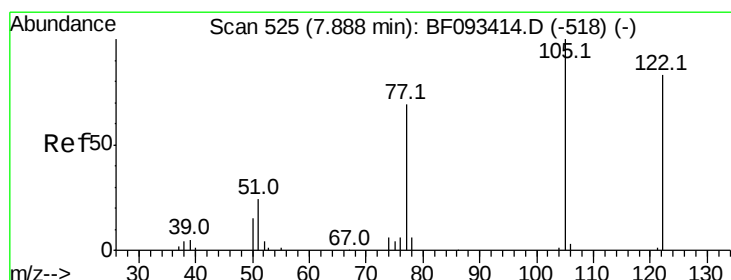
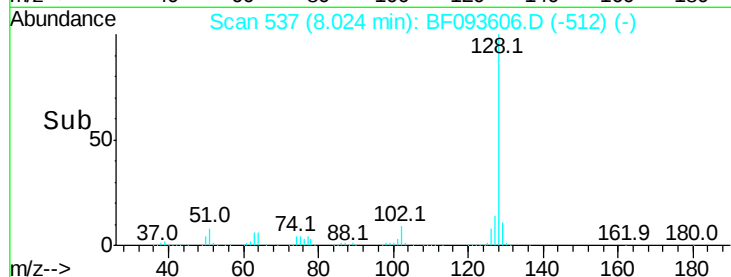
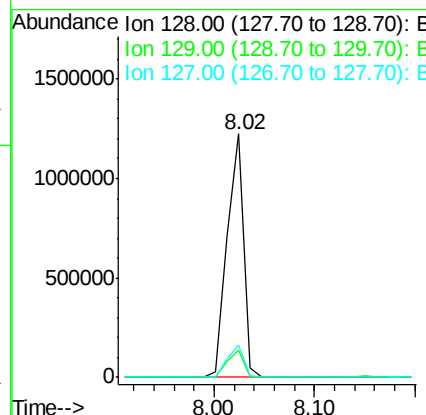
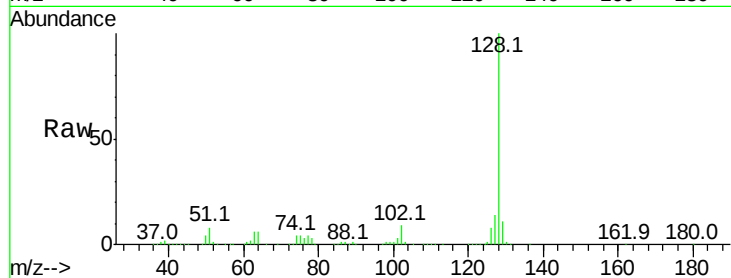
#31
Naphthalene
Concen: 42.63 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion:128 Resp: 1390621
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.6 10.8 16.2

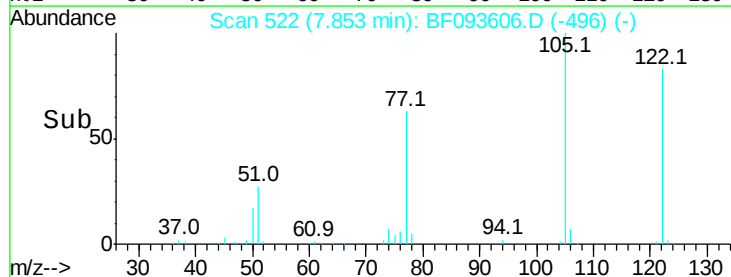
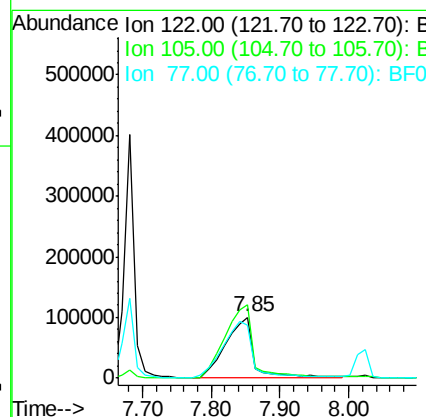
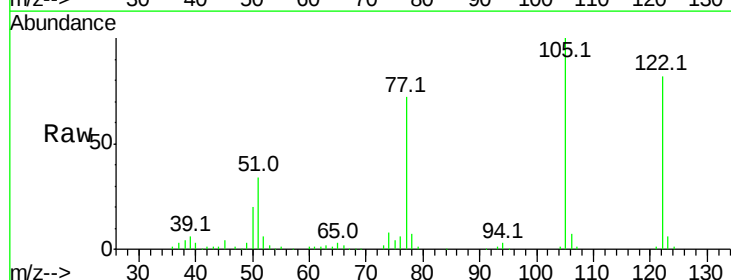
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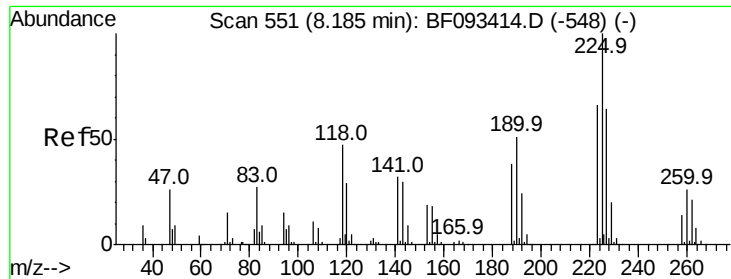
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#32
Benzoic acid
Concen: 55.75 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion:122 Resp: 283545
Ion Ratio Lower Upper
122 100
105 121.2 107.2 147.2
77 87.3 74.5 114.5





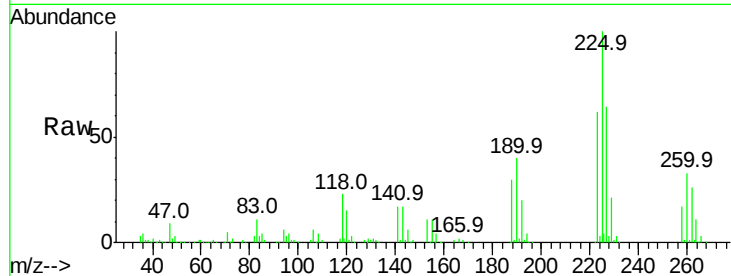
#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampled :
D-64MSD

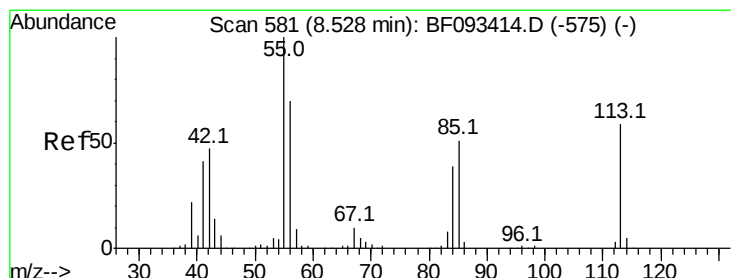
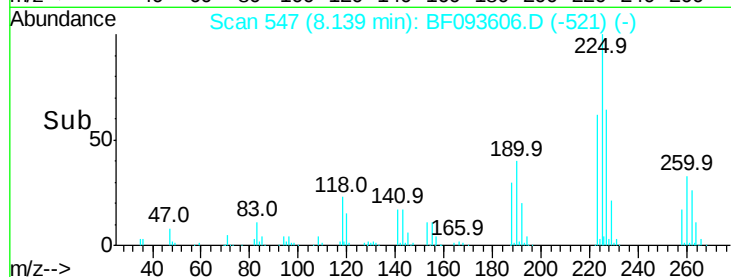
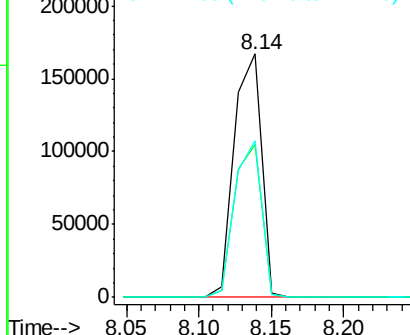
Tot Ion	Ratio	Resp	Lower	Upper
225	100	219120		
223	62.5	51.0	76.6	
227	64.1	50.6	76.0	

Manual Integrations
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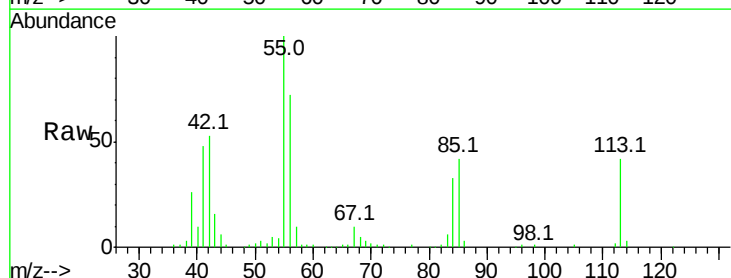


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

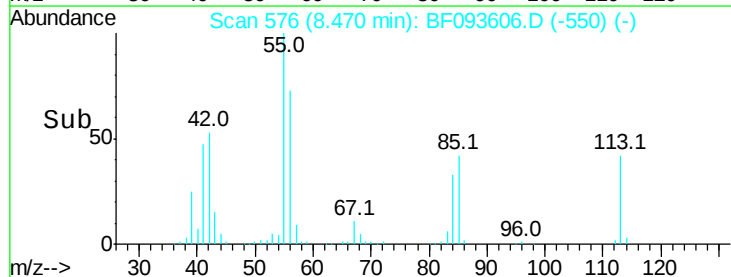
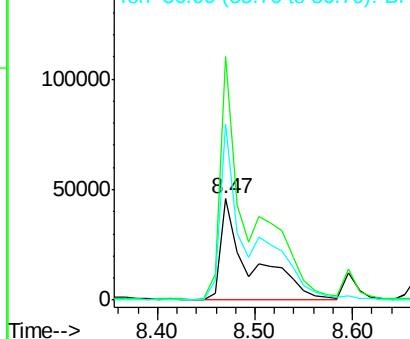


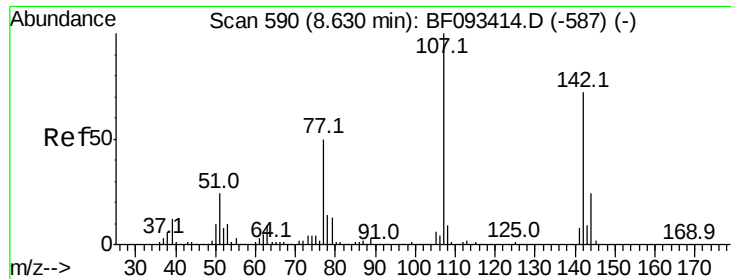
#35
Caprolactam
Concen: 31.76 ng m
RT: 8.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	99869		
55	240.0	119.2	159.2#	
56	172.7	83.8	123.8#	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





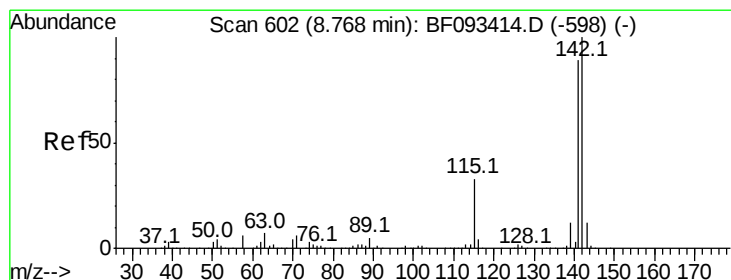
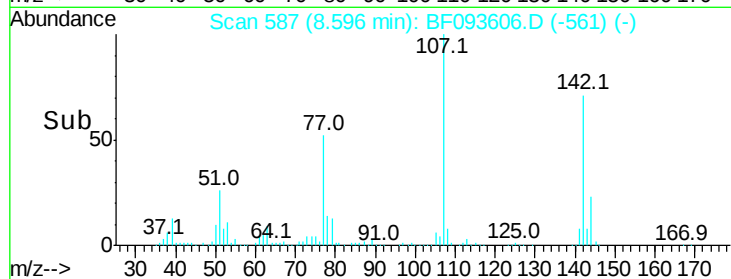
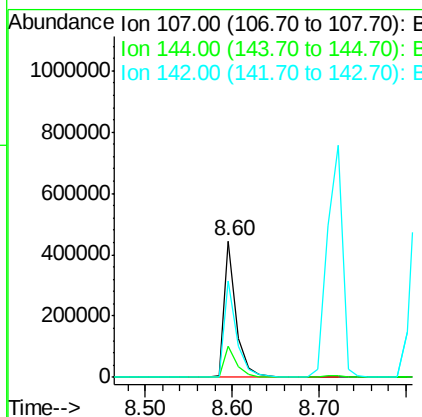
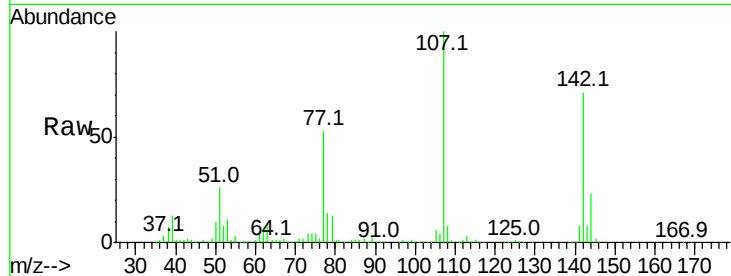
#36
 4-Chloro-3-methylphenol
 Concen: 44.14 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampled :
 D-64MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.3	28.9
142	70.5	59.0	88.6

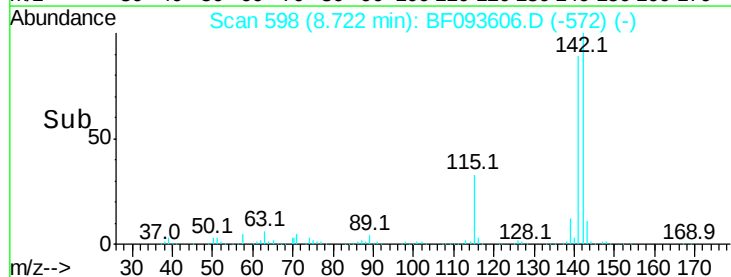
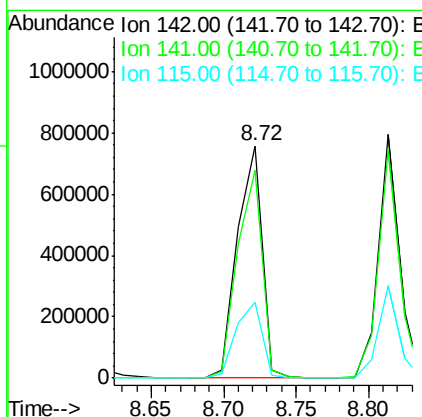
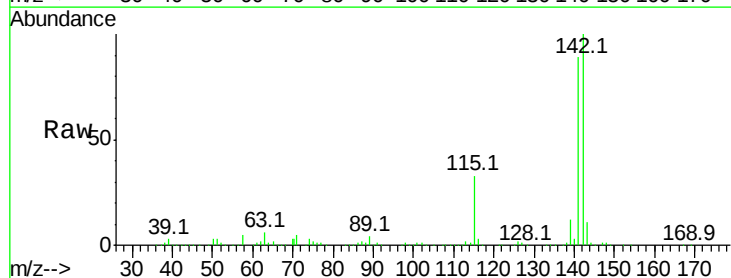
Manual Integrations
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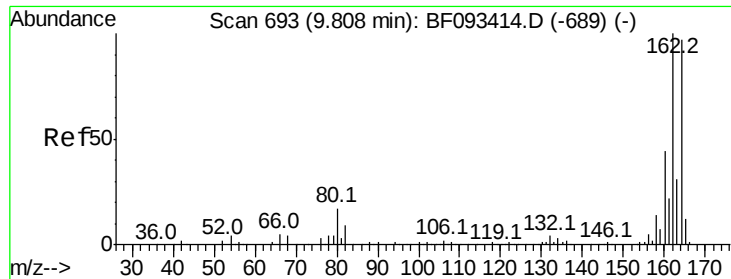
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#37
 2-Methylnaphthalene
 Concen: 43.55 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.6	28.3	42.5





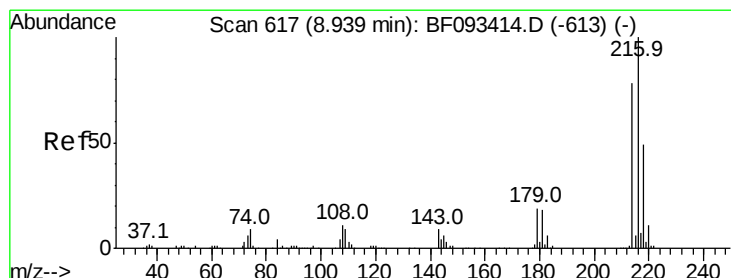
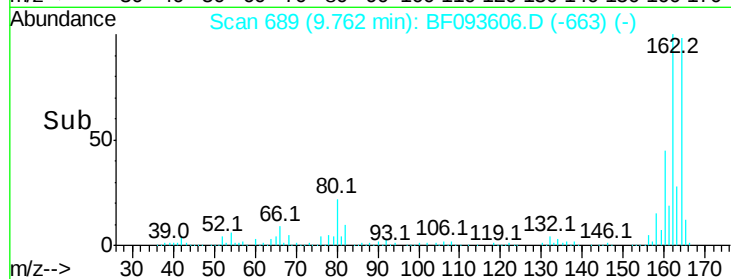
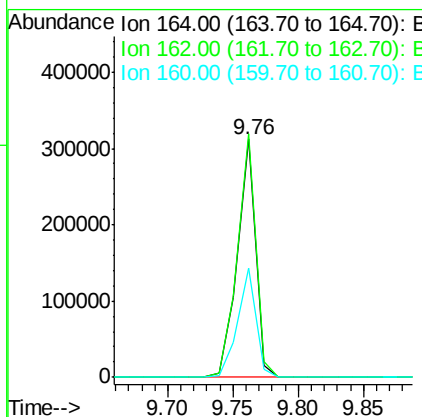
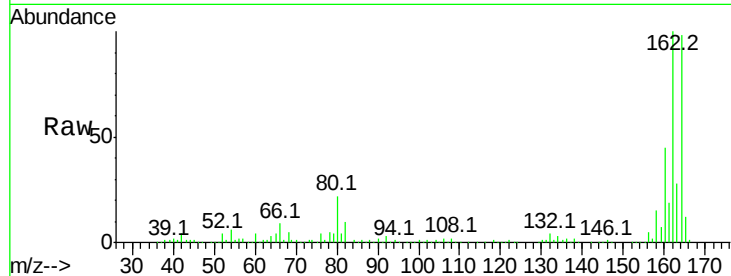
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	301081		
162	102.3	80.2	120.2	
160	45.8	36.9	55.3	

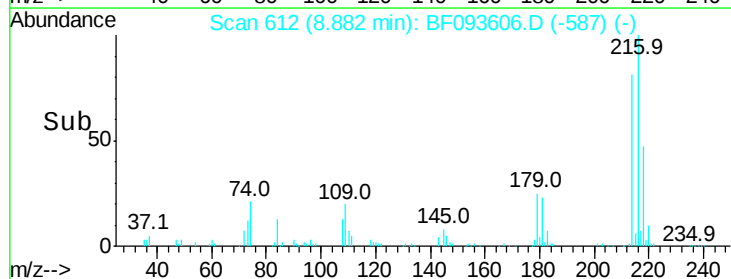
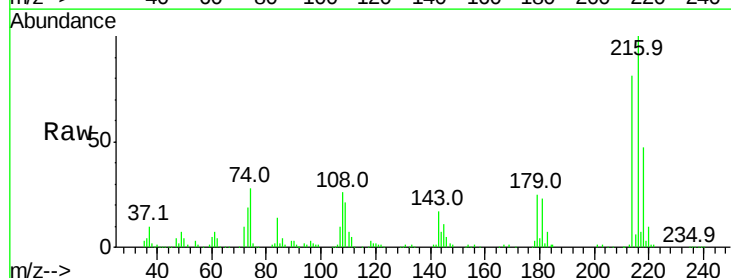
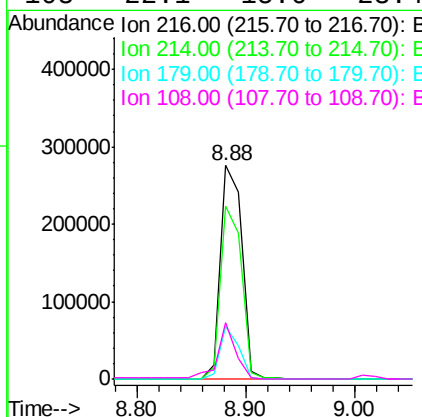
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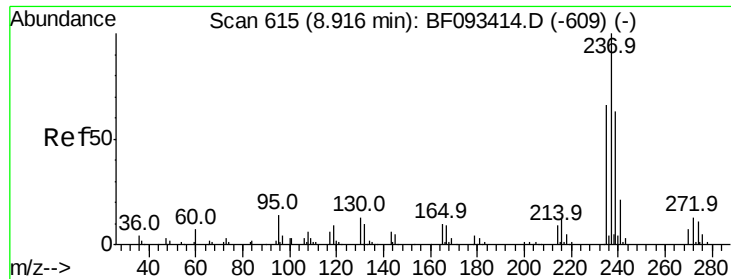
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.90 ng
RT: 8.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	377375		
214	79.6	63.4	95.0	
179	21.5	17.4	26.2	
108	22.1	15.6	23.4	





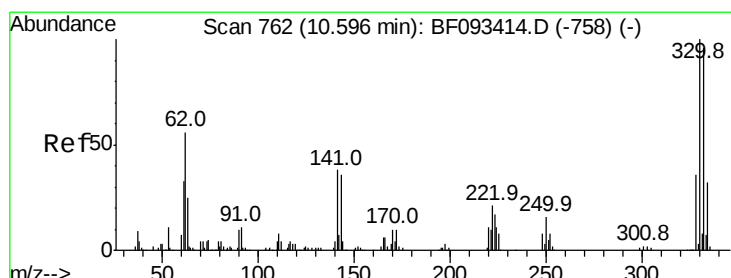
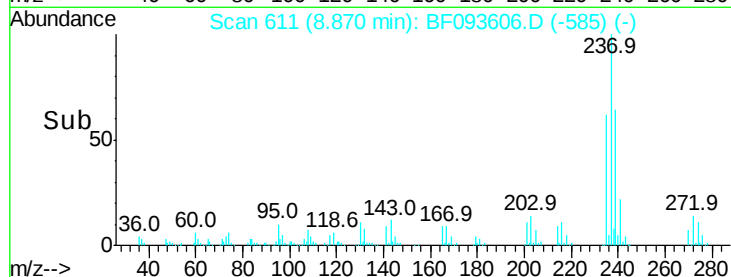
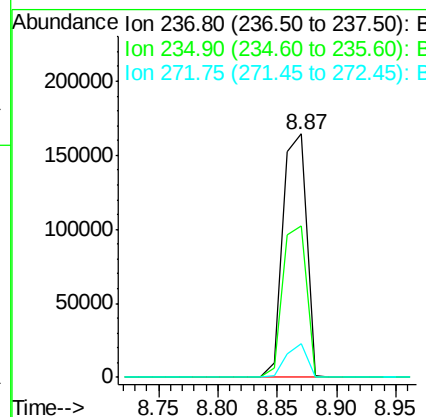
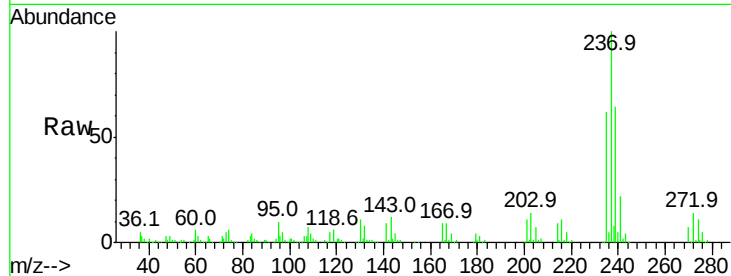
#40
Hexachlorocyclopentadiene
Concen: 104.43 ng
RT: 8.87 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	41.2	81.2
272	14.0	0.0	35.4

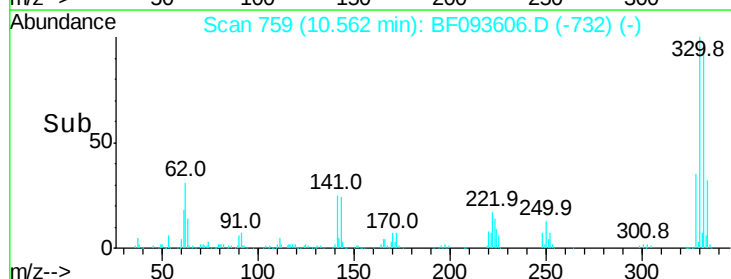
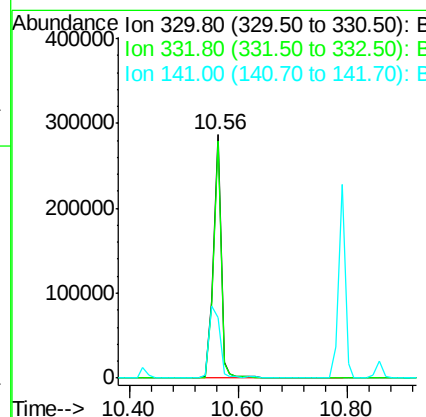
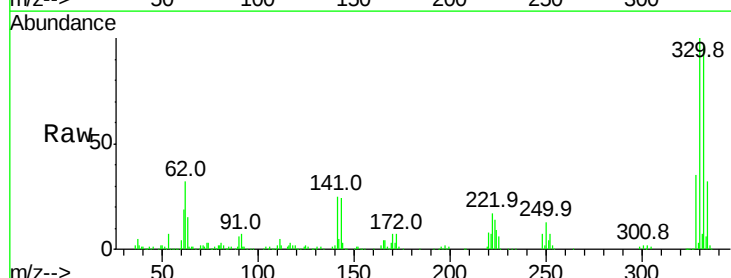
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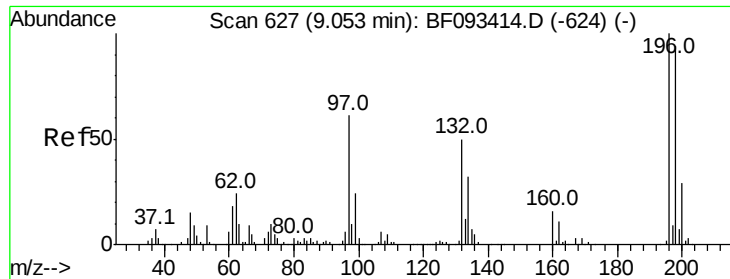
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#41
2,4,6-Tribromophenol
Concen: 145.67 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.4	116.2
141	40.6	34.1	51.1





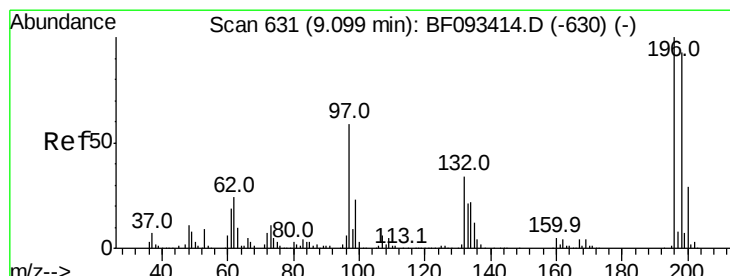
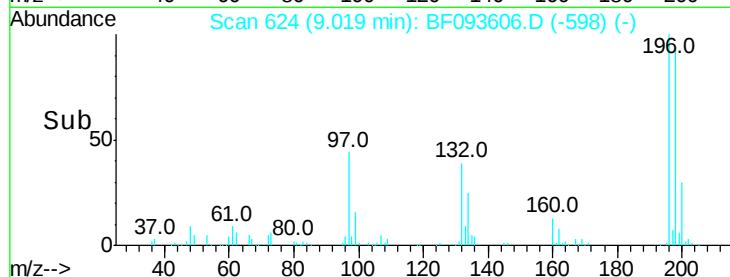
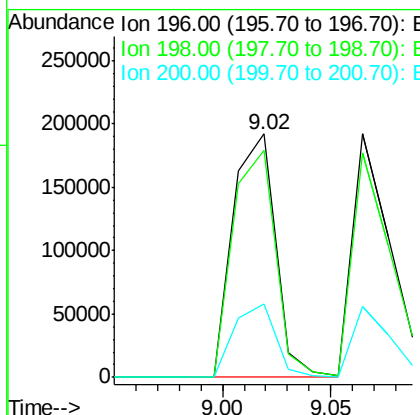
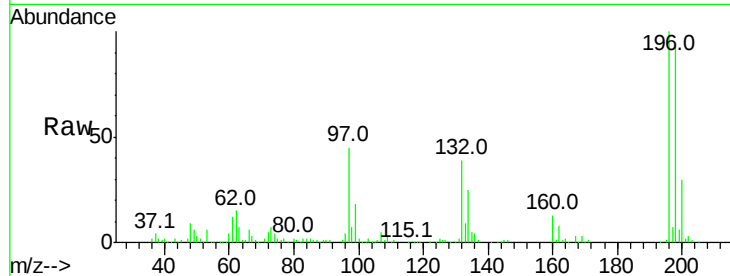
#42
 2,4,6-Trichlorophenol
 Concen: 50.88 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampled :
 D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261330		
198	93.4	82.1	123.1	
200	30.2	27.0	40.4	

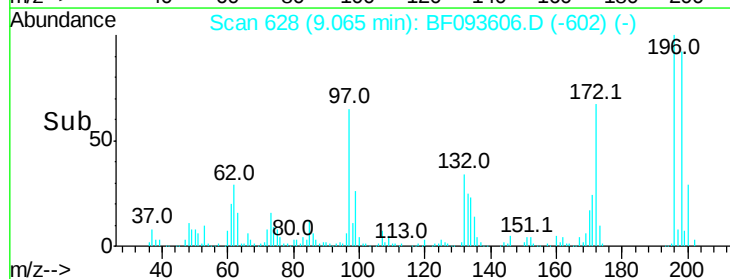
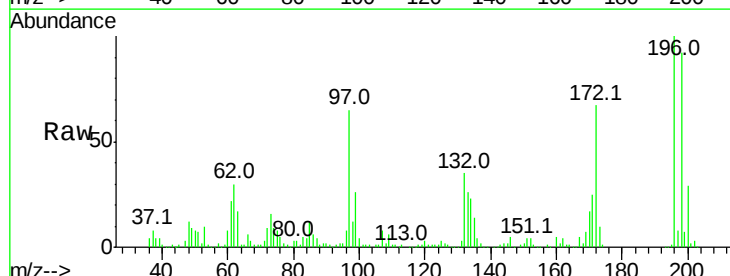
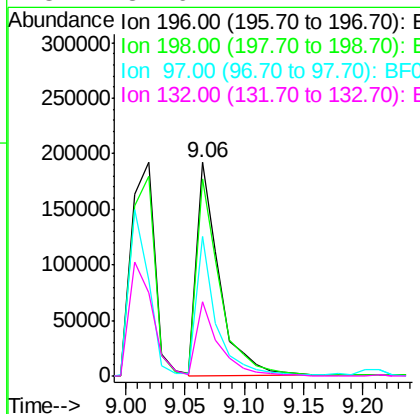
Manual Integrations
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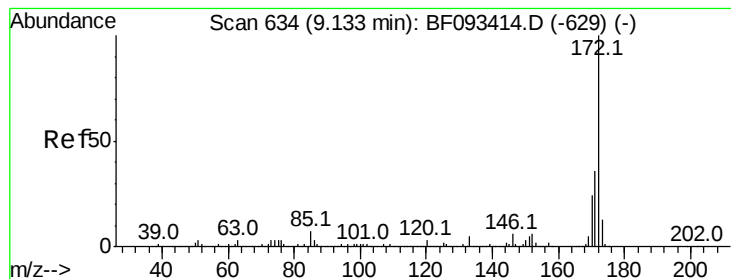
mohammad
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#43
 2,4,5-Trichlorophenol
 Concen: 46.52 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256401		
198	92.1	79.4	119.2	
97	65.5	51.5	77.3	
132	34.6	27.4	41.2	





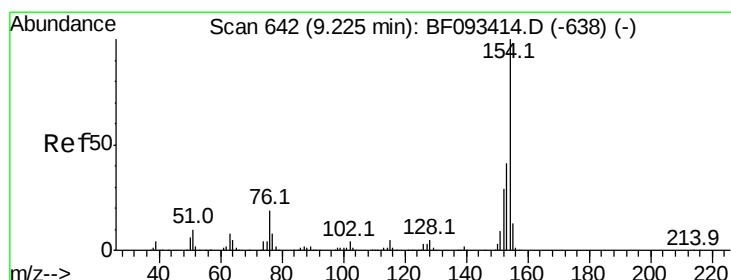
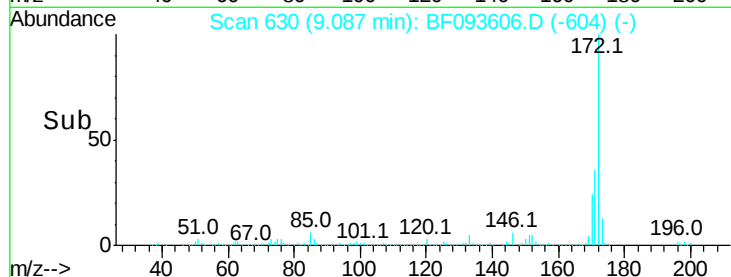
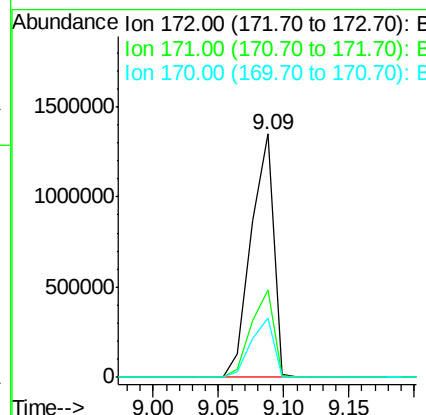
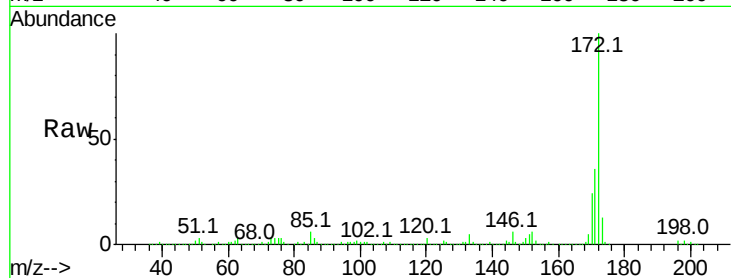
#44
2-Fluorobiphenyl
Concen: 100.56 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion:172 Resp: 1627825
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 20.2 30.4

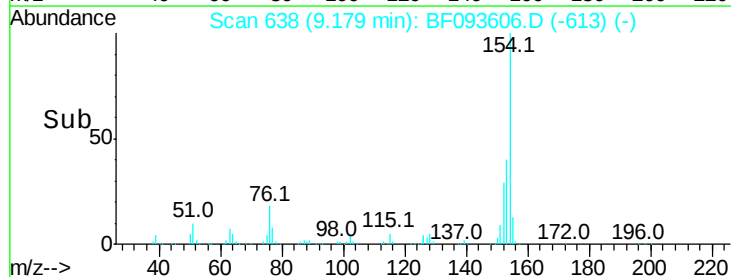
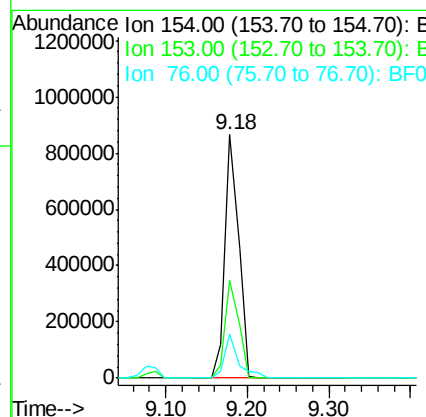
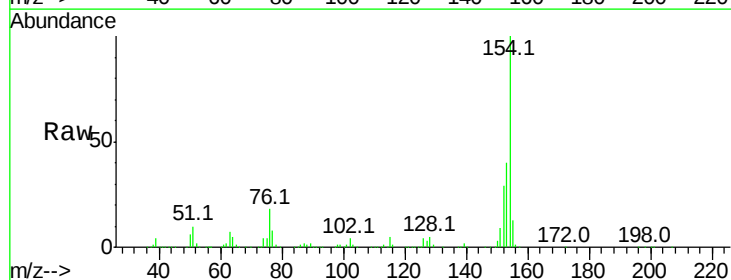
Manual Integrations
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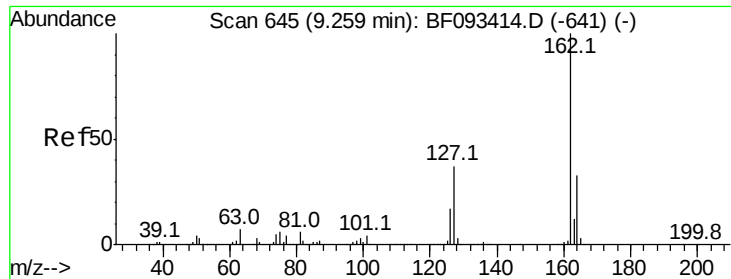
mohammad
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#45
1,1'-Biphenyl
Concen: 45.60 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion:154 Resp: 1000059
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 18.0 0.0 30.5





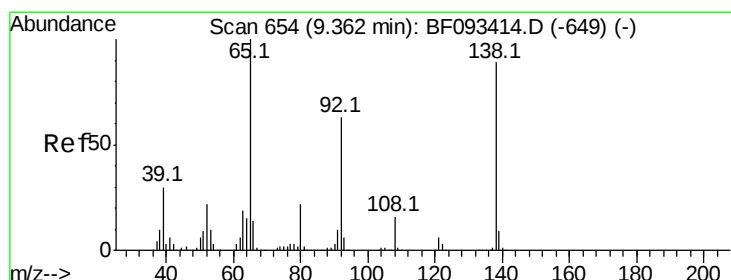
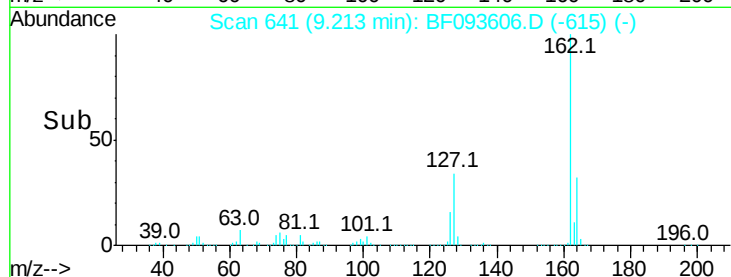
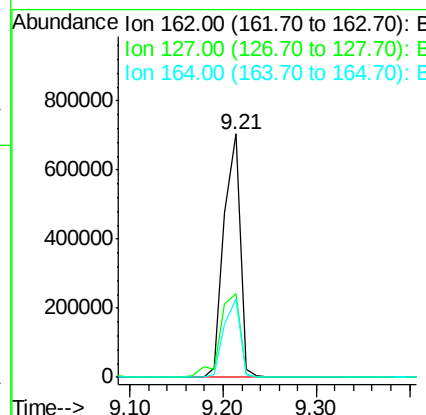
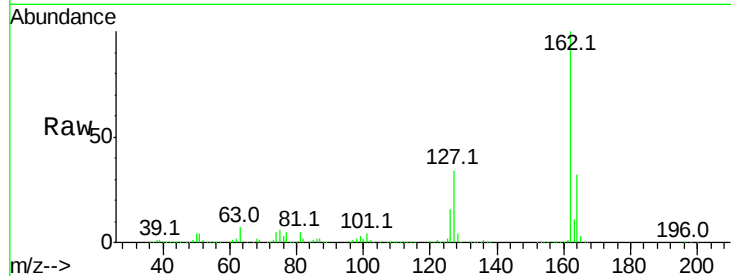
#46
2-Chloronaphthalene
Concen: 50.63 ng
RT: 9.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	850014		
127	34.3		30.7	46.1
164	32.5		27.6	41.4

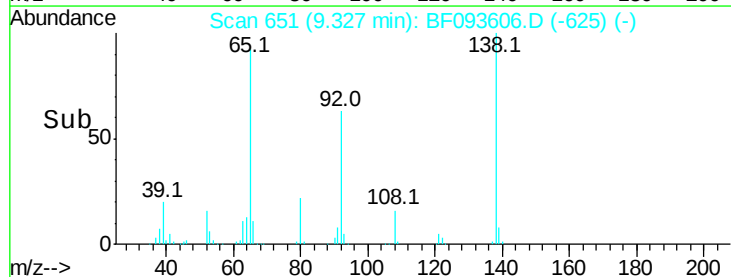
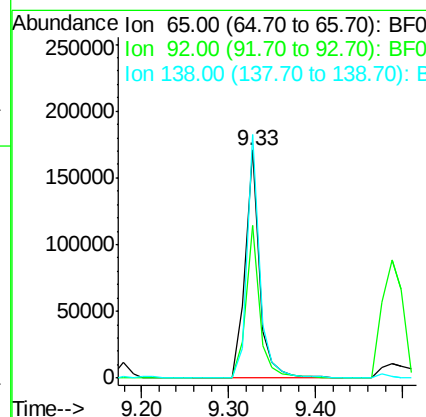
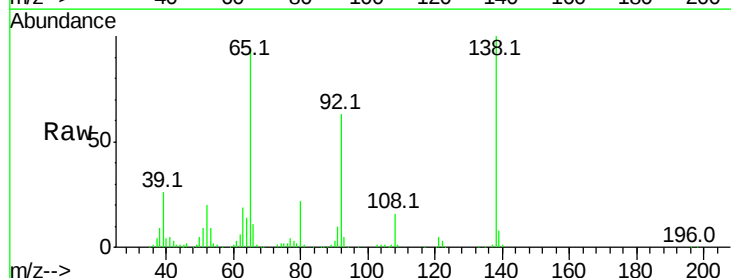
Manual Integrations
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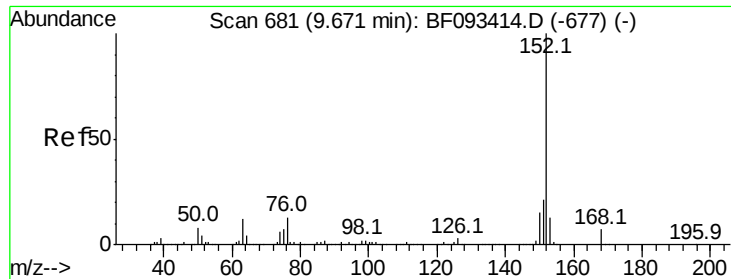
mohammad
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#47
2-Nitroaniline
Concen: 32.76 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	194412		
92	67.3		53.9	80.9
138	106.8		76.8	115.2





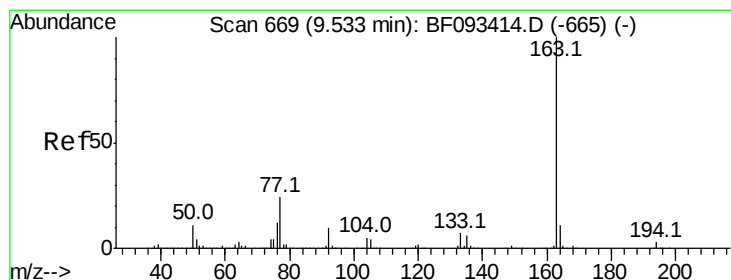
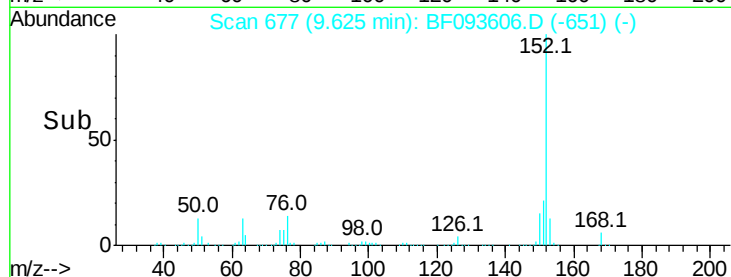
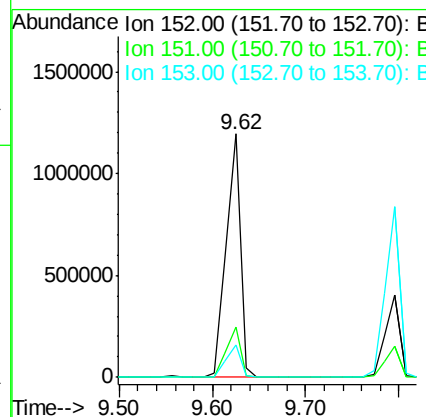
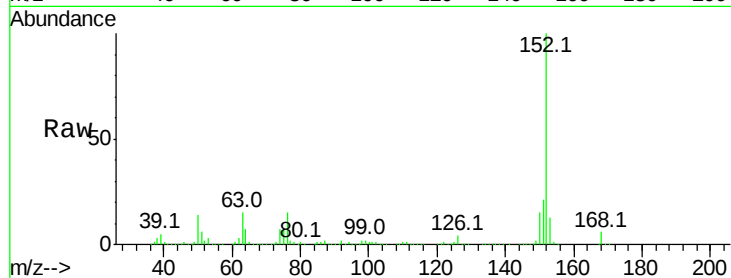
#48
Acenaphthylene
Concen: 45.25 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.2	11.4	17.2

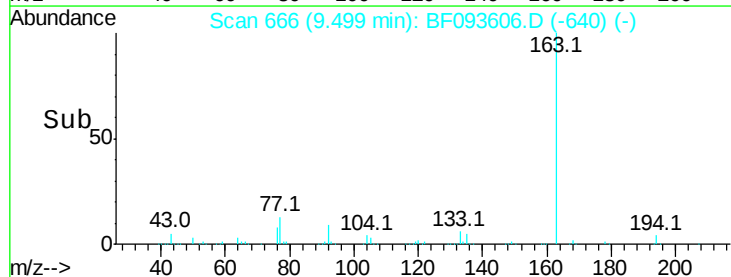
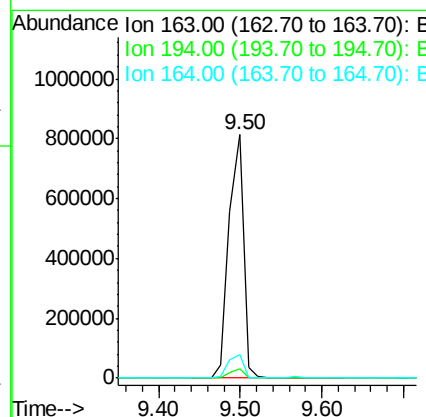
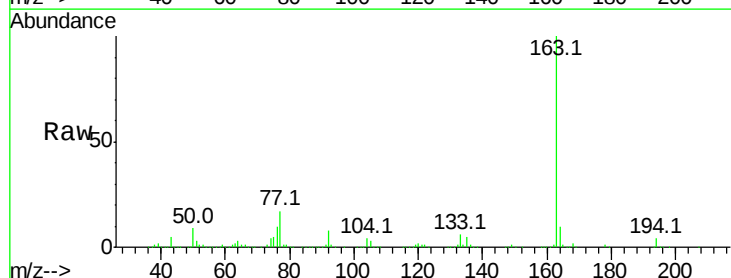
Manual Integrations
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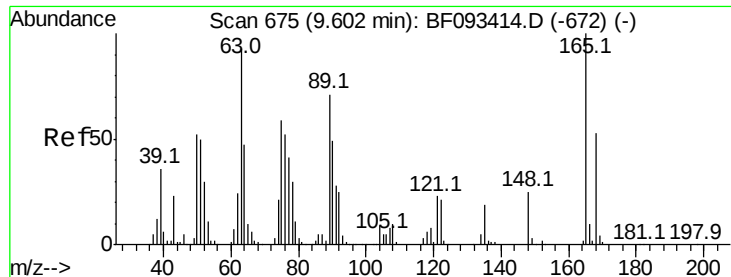
mohammad
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#49
Dimethylphthalate
Concen: 50.17 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.6	8.0	12.0





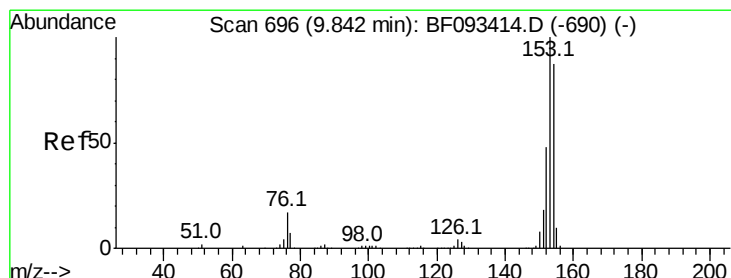
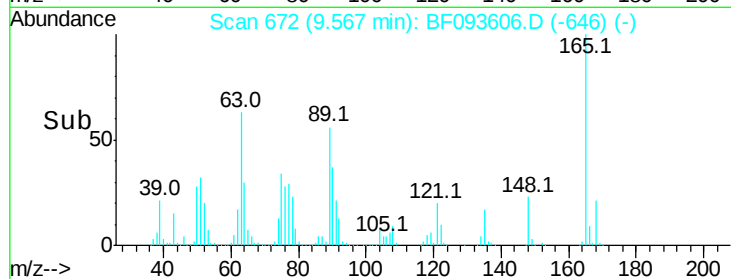
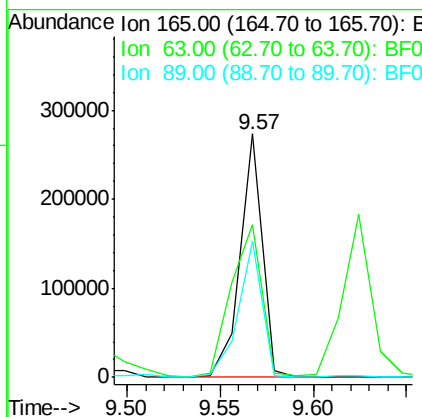
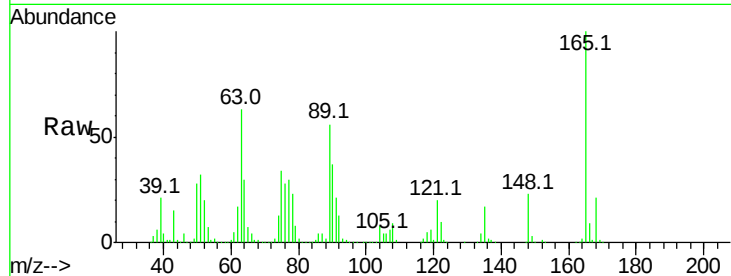
#50
 2,6-Dinitrotoluene
 Concen: 52.08 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.0	36.2	54.4#
89	55.8	40.2	60.4

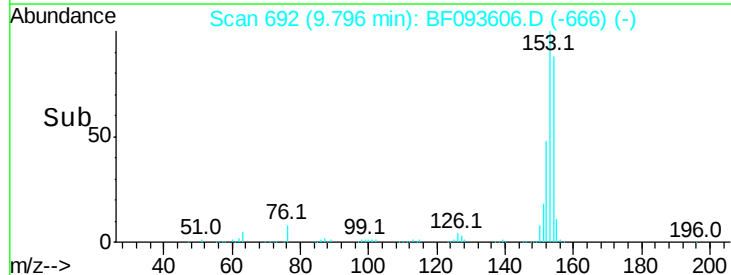
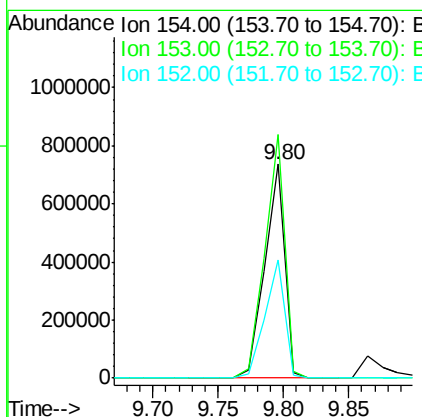
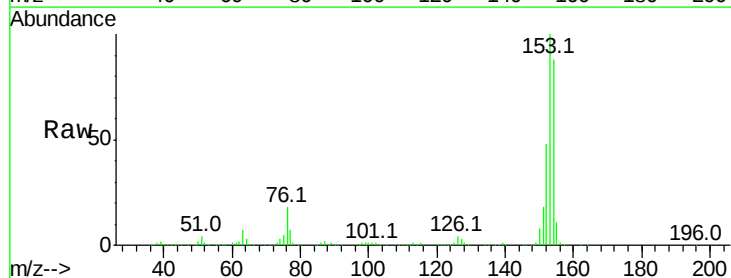
Manual Integrations
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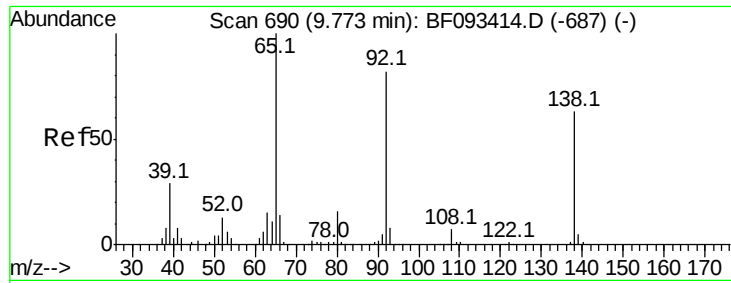
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#51
 Acenaphthene
 Concen: 48.53 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	55.0	41.6	62.4





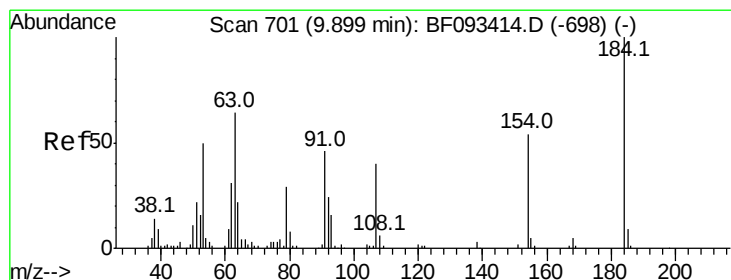
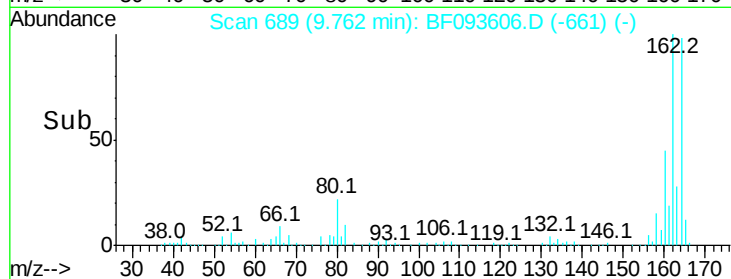
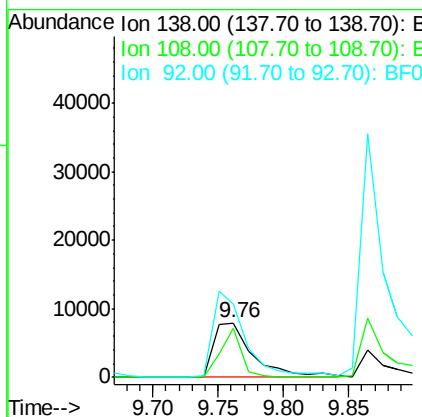
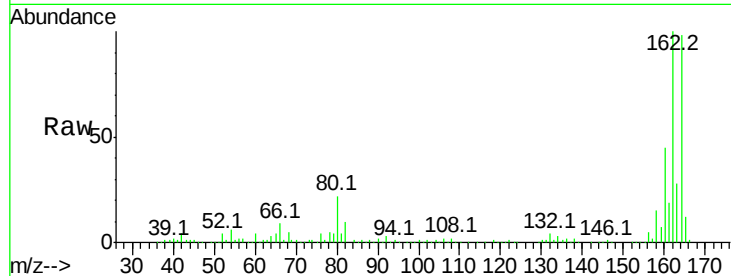
#52
3-Nitroaniline
Concen: 3.19 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.02 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	89.4	8.5	12.7#
92	134.3	97.8	146.8

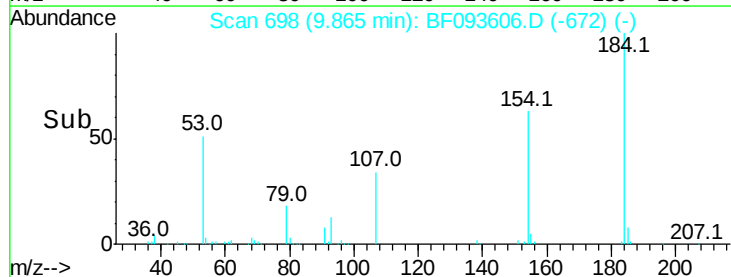
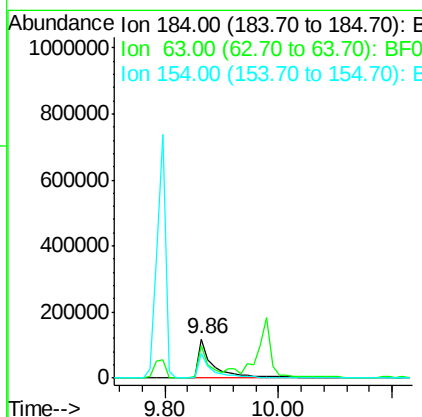
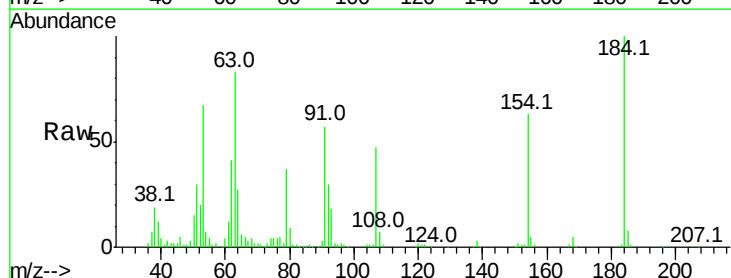
Manual Integrations
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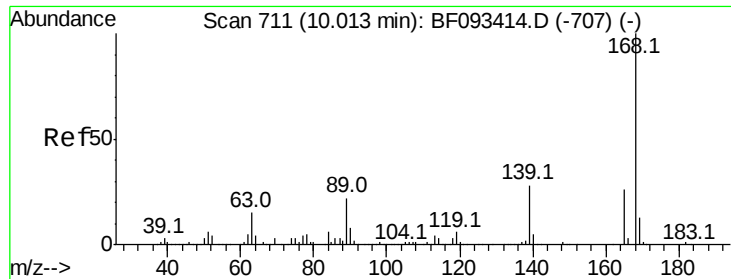
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#53
2,4-Dinitrophenol
Concen: 109.91 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	83.1	28.4	42.6#
154	62.5	44.3	66.5





#54

Dibenzofuran

Concen: 53.12 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleId :

D-64MSD

Tot Ion:168 Resp: 1088531

Ion Ratio Lower Upper

168 100

139 41.0 32.6 49.0

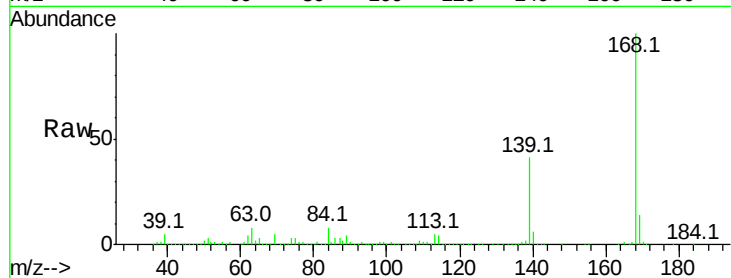
169 13.7 11.3 16.9

Manual Integrations

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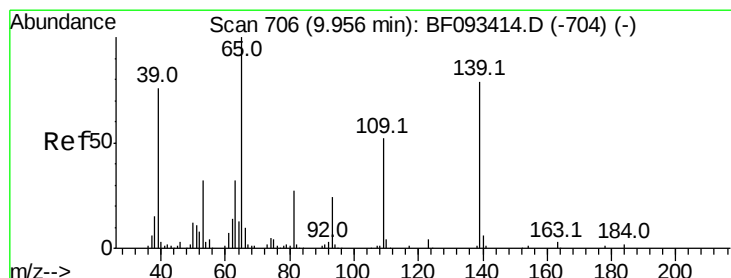
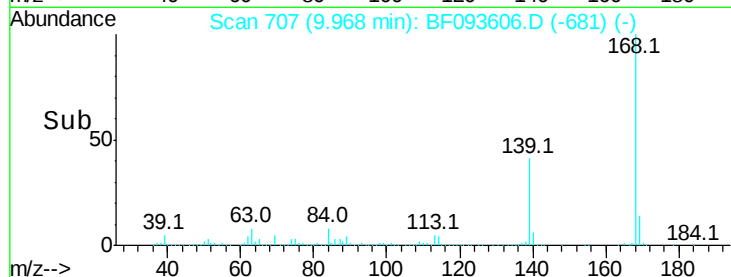
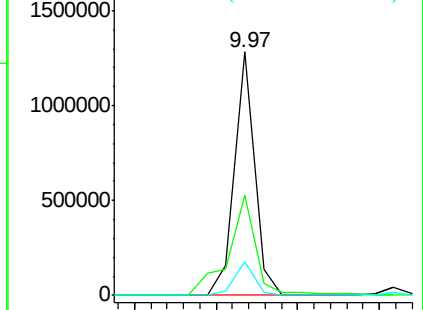
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 69.37 ng m

RT: 9.96 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

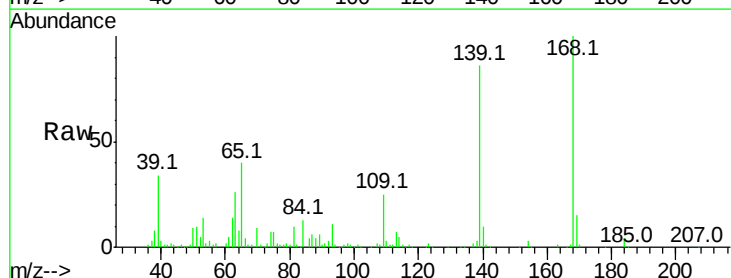
Tgt Ion:139 Resp: 177293

Ion Ratio Lower Upper

139 100

109 28.6 52.2 92.2#

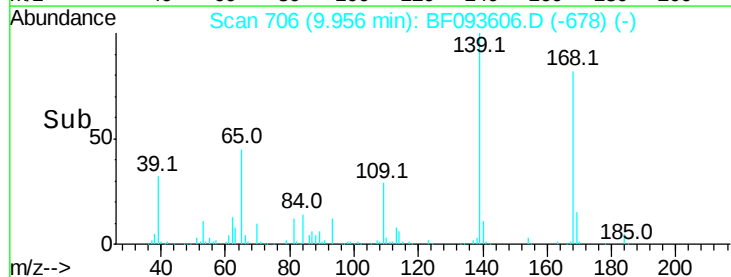
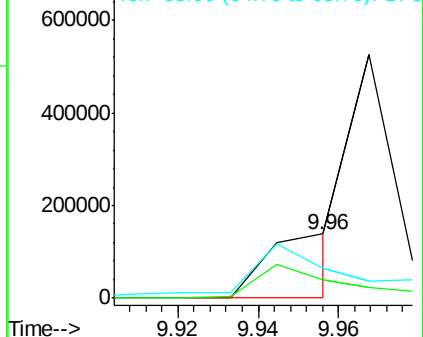
65 46.8 85.8 125.8#

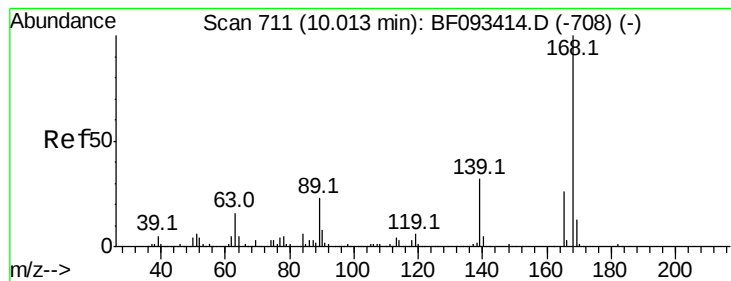


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 52.62 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093606.D

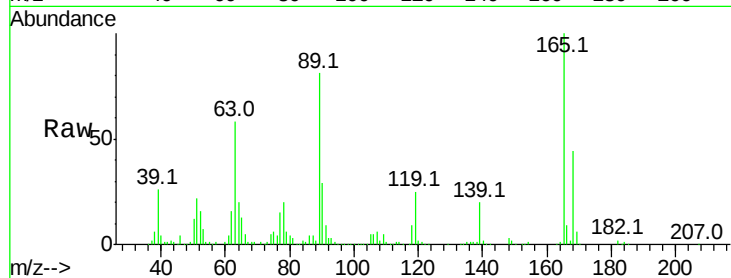
Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleId :

D-64MSD



Tot Ion:165 Resp: 283155

Ion Ratio Lower Upper

165 100

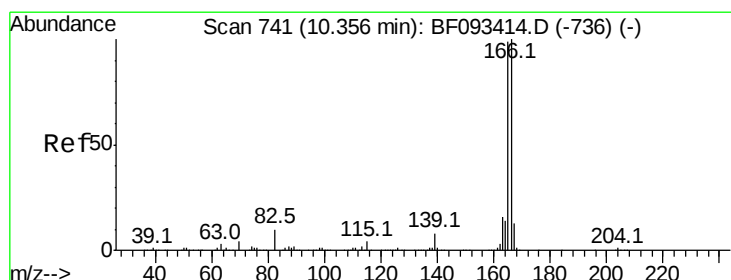
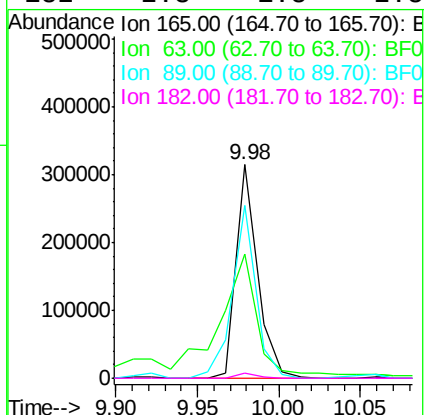
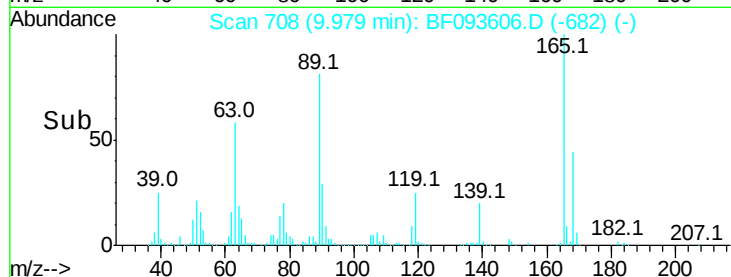
63 58.1 40.2 60.4

89 81.0 62.5 93.7

182 2.3 1.8 2.8

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#57

Fluorene

Concen: 47.17 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

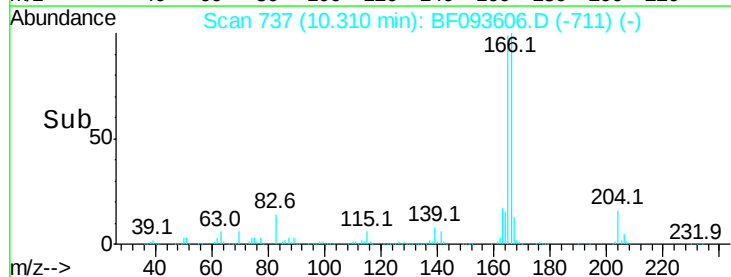
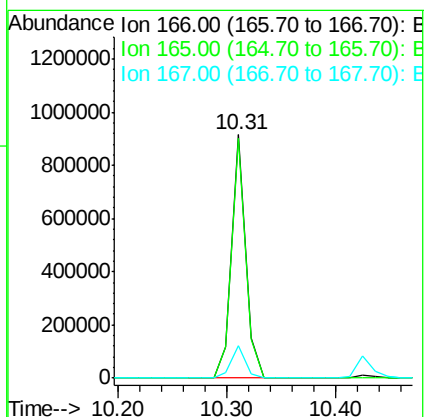
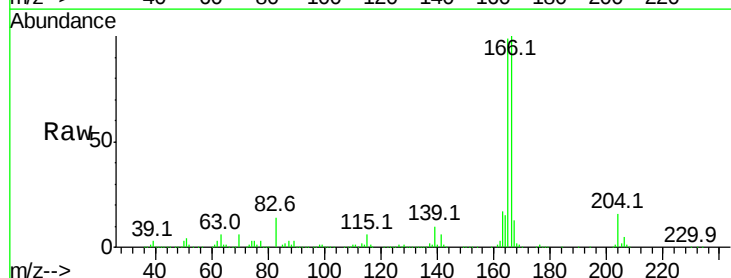
Tgt Ion:166 Resp: 819162

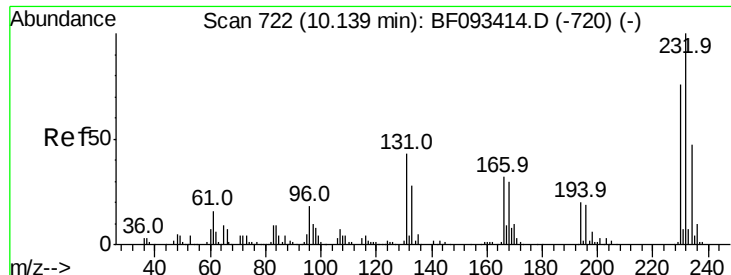
Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

167 13.4 10.8 16.2





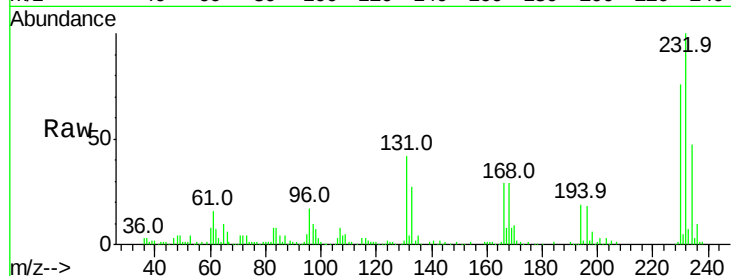
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.80 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

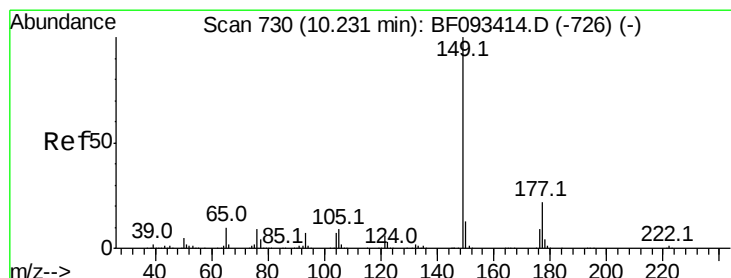
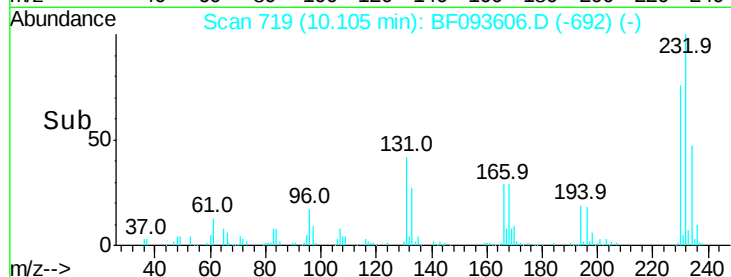
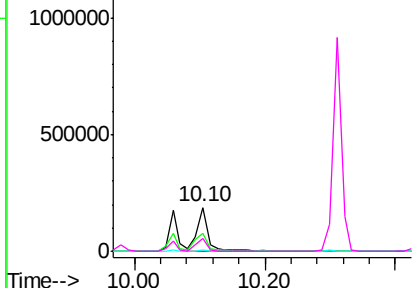
Tot Ion	Ratio	Resp	Lower	Upper
232	100	213152		
131	48.7		40.1	60.1
130	2.3		1.8	2.8
166	32.0		26.6	39.8

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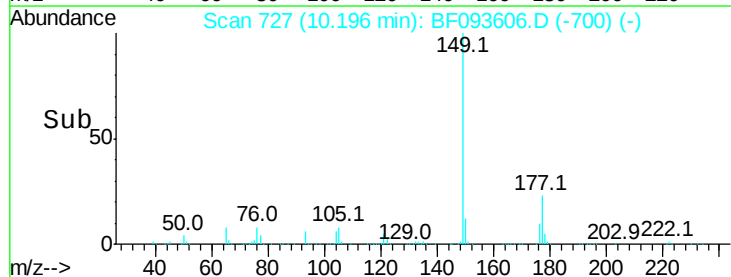
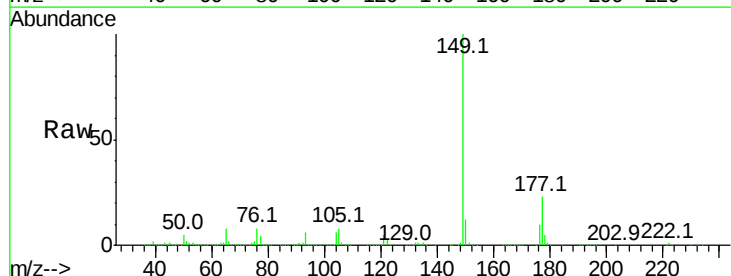
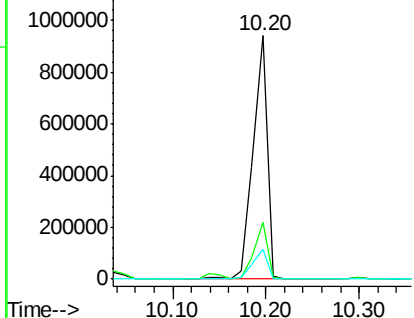
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

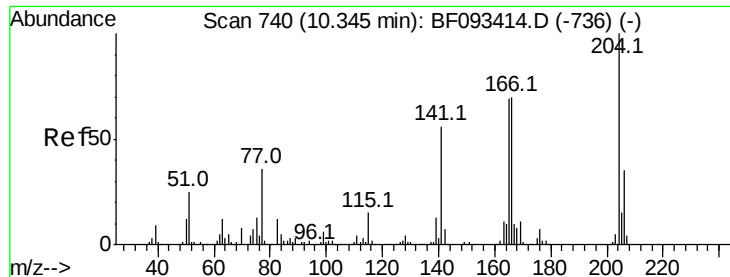


#59
 Diethylphthalate
 Concen: 51.70 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	986318		
177	23.4		16.6	25.0
150	12.1		10.4	15.6

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





#60

4-Chlorophenyl-phenylether

Concen: 47.29 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

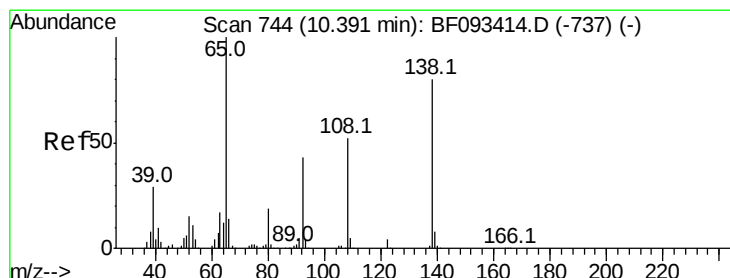
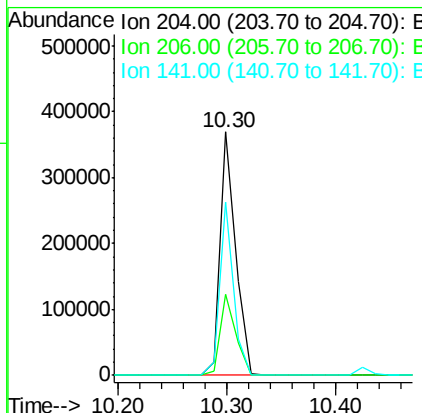
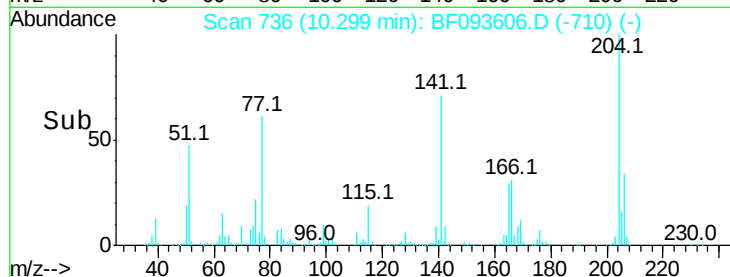
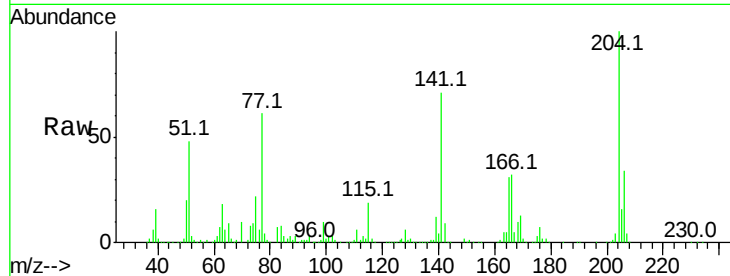
ClientSampled :

D-64MSD

Tot Ion:	204	Resp:	368064
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.8	38.6
141	70.9	59.4	89.0

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#61

4-Nitroaniline

Concen: 13.21 ng

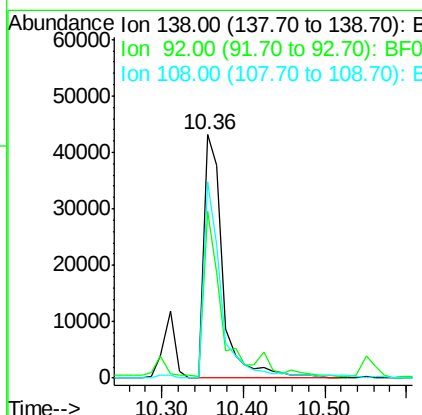
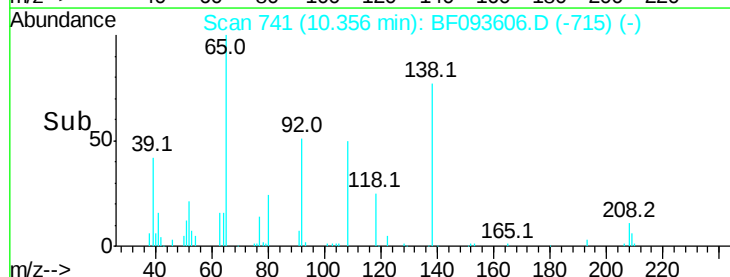
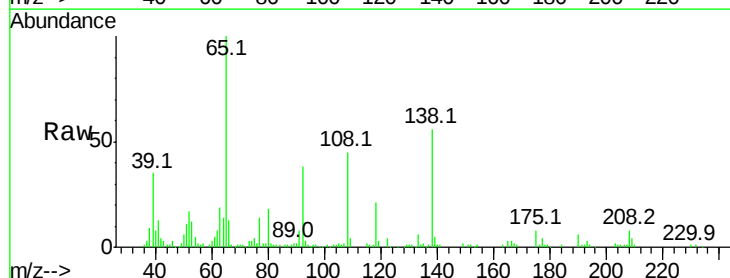
RT: 10.36 min Scan# 741

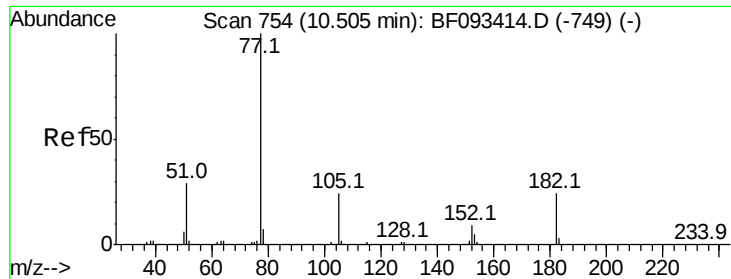
Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	138	Resp:	71081
Ion Ratio	Lower	Upper	
138	100		
92	68.3	31.7	71.7
108	80.5	52.6	92.6





#62

Azobenzene

Concen: 48.67 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleId :

D-64MSD

Tot Ion: 77 Resp: 1054934

Ion Ratio Lower Upper

77 100

182 15.3 0.0 39.3

105 21.0 2.3 42.3

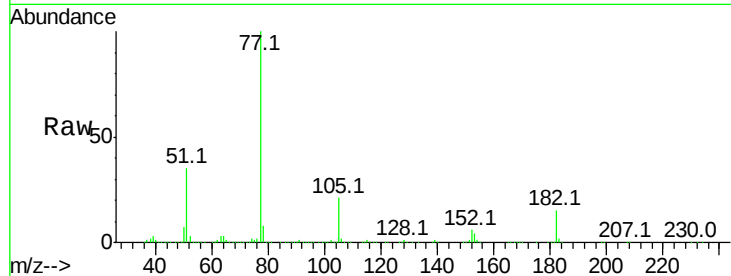
51 34.6 8.9 48.9

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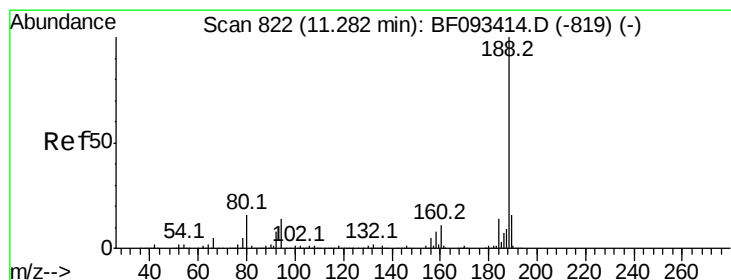
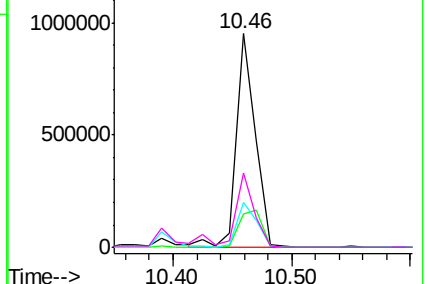
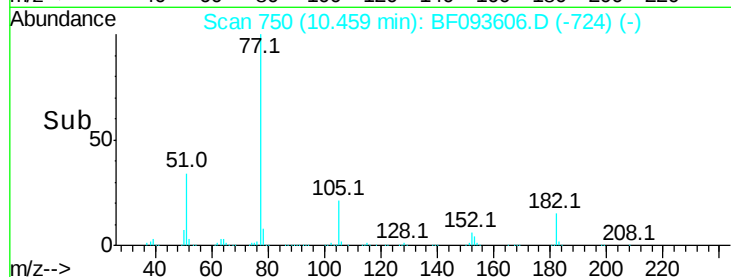


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

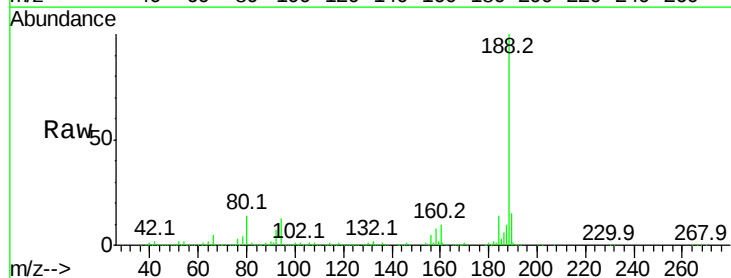
Tgt Ion: 188 Resp: 506800

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

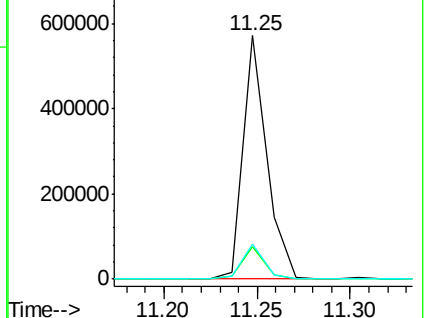
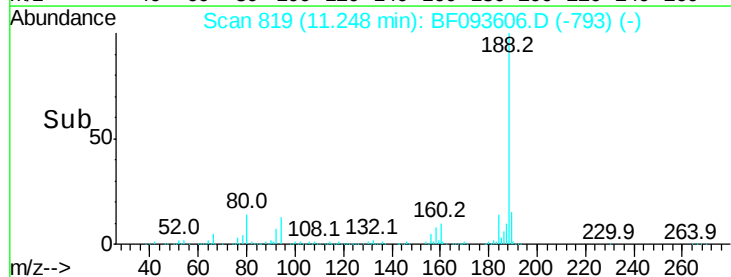
80 14.5 11.2 16.8

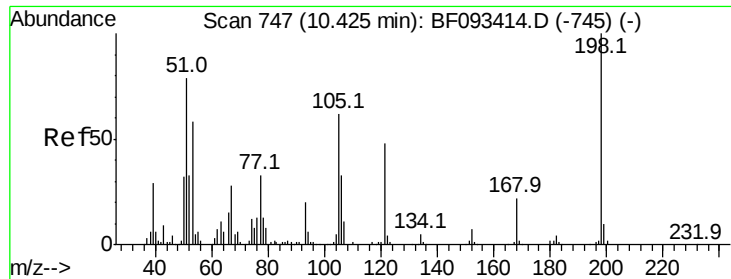


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





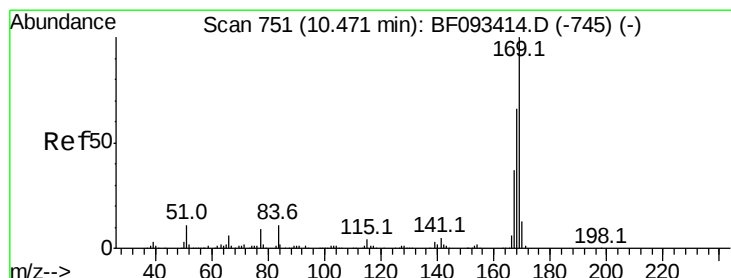
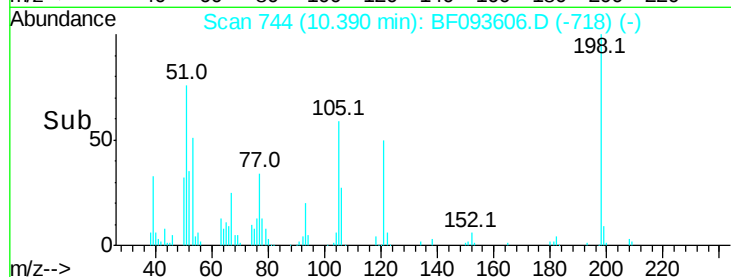
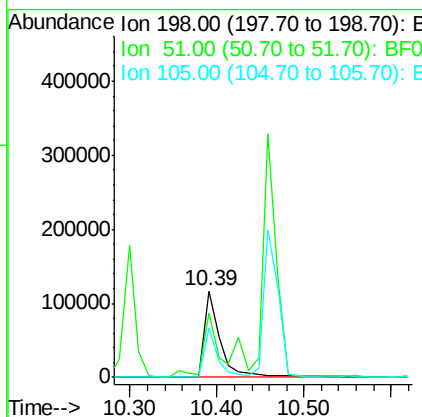
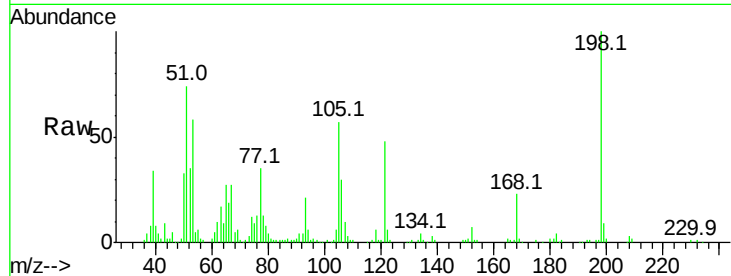
#64
4,6-Dinitro-2-methylphenol
Concen: 45.72 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampled :
D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	73.9	6.7	46.7#	
105	56.9	16.6	56.6#	

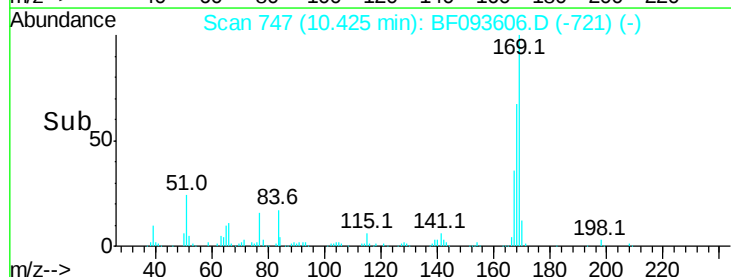
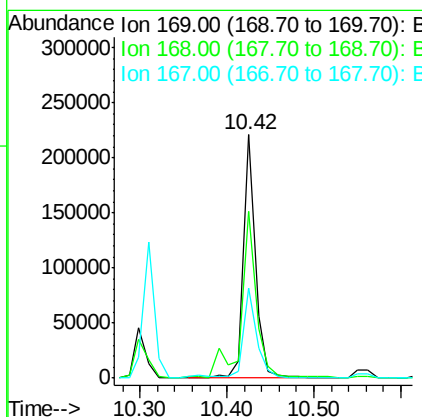
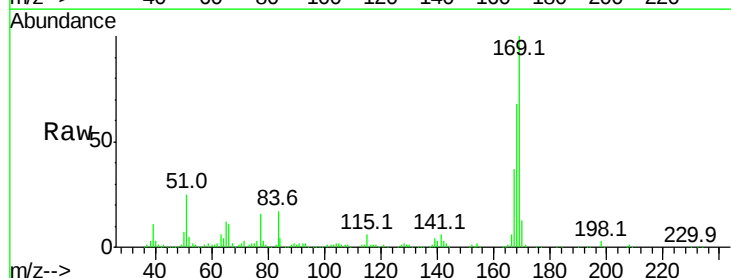
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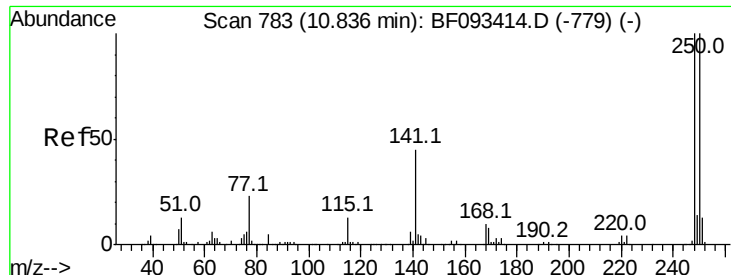
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#65
n-Nitrosodiphenylamine
Concen: 12.61 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.5	54.2	81.2	
167	36.9	30.2	45.4	





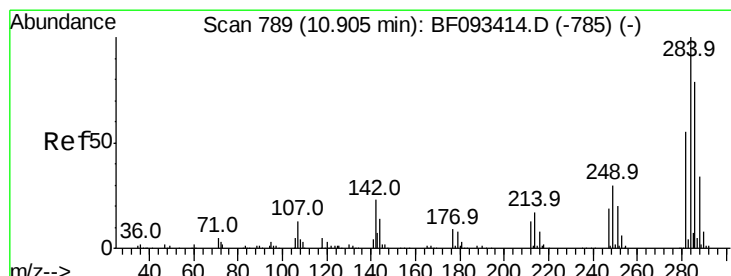
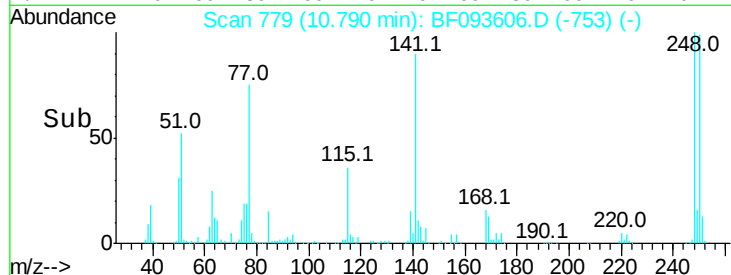
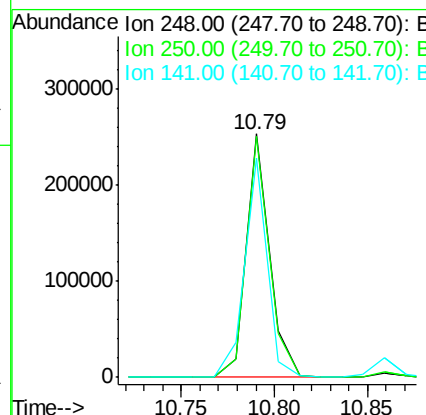
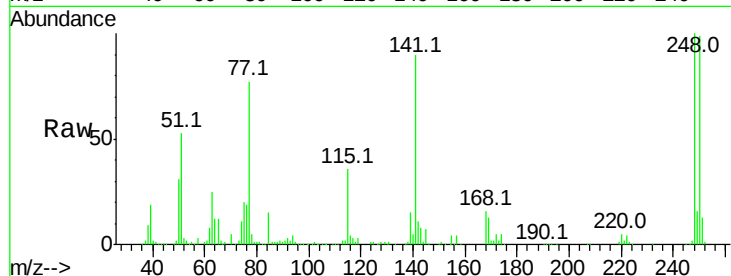
#66
 4-Bromophenyl-phenylether
 Concen: 41.19 ng
 RT: 10.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

Tot Ion:	248	Resp:	220734
Ion Ratio	Lower	Upper	
248	100		
250	99.0	76.9	115.3
141	90.1	68.2	102.4

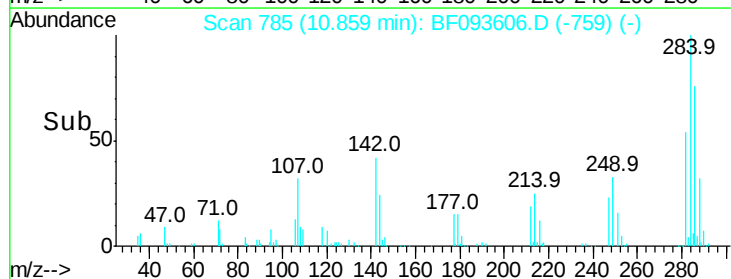
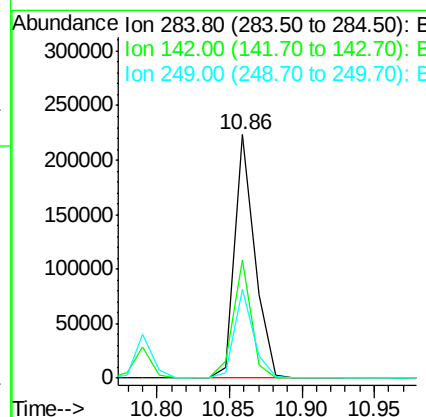
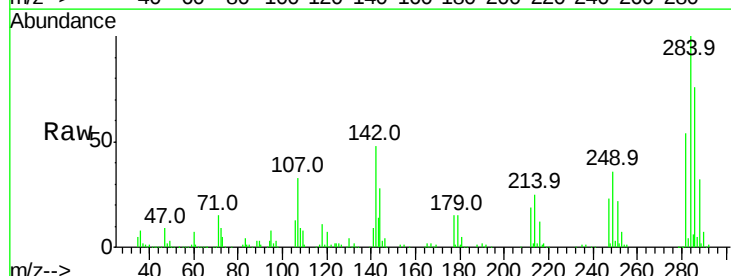
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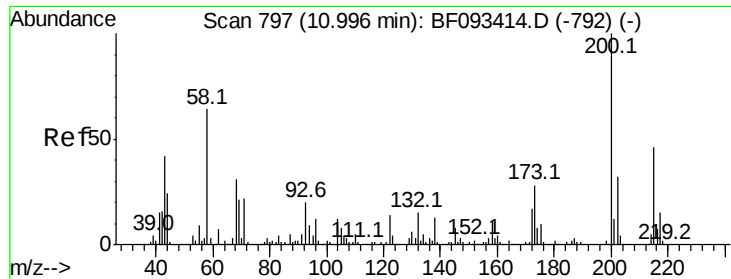
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#67
 Hexachlorobenzene
 Concen: 42.00 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion:	284	Resp:	214954
Ion Ratio	Lower	Upper	
284	100		
142	48.4	22.6	33.8#
249	36.2	25.4	38.0





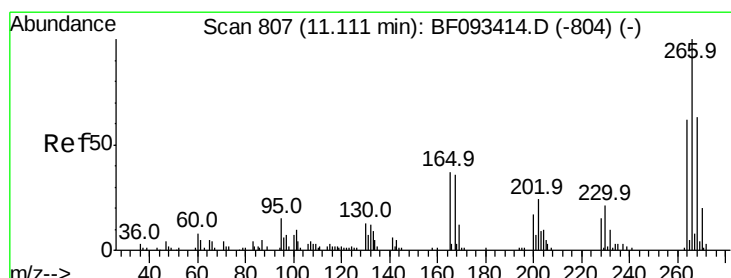
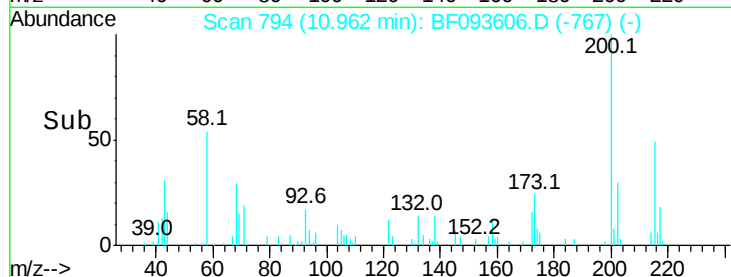
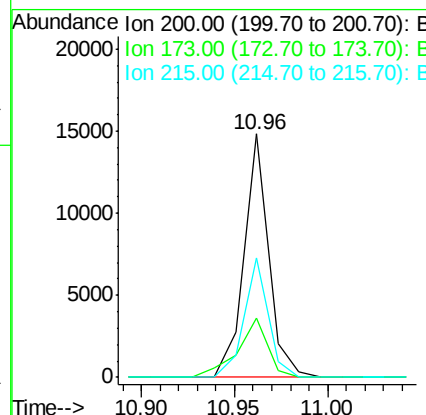
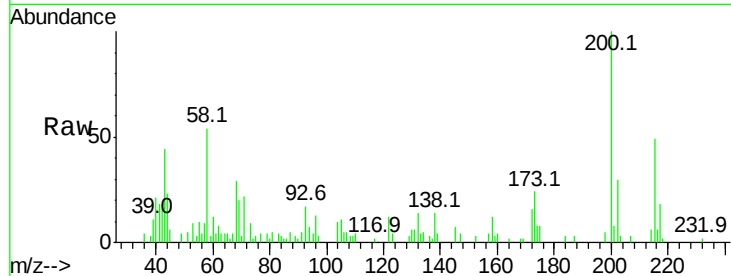
#68
Atrazine
Concen: 2.77 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	9.6	49.6
215	48.9	25.7	65.7

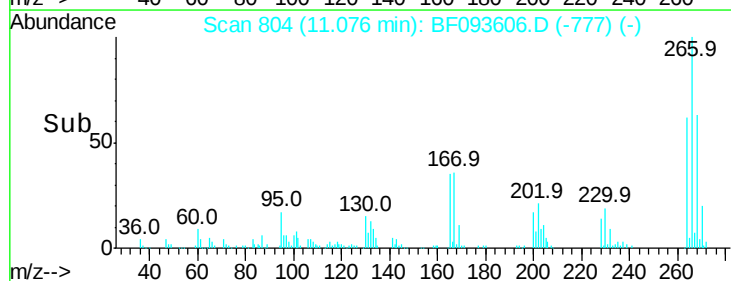
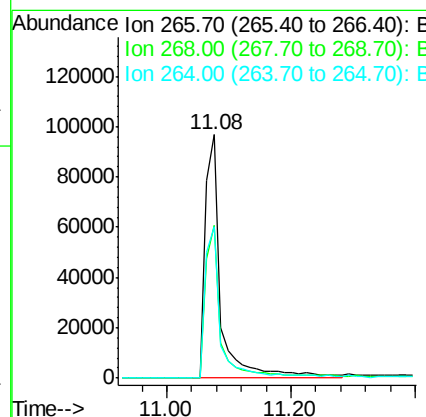
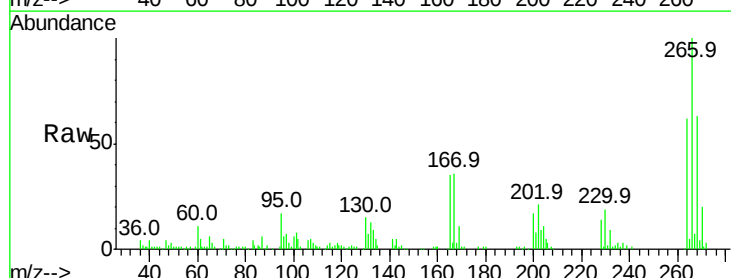
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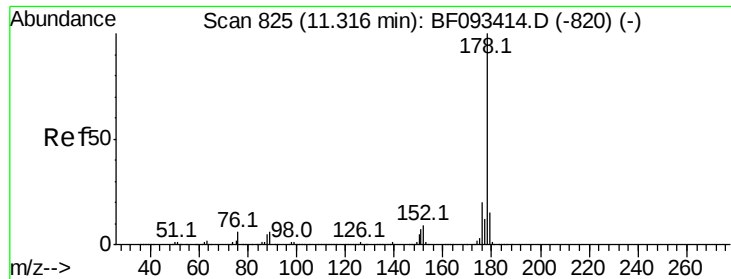
mohammad
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#69
Pentachlorophenol
Concen: 97.00 ng
RT: 11.08 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.3	79.9
264	62.0	50.3	75.5





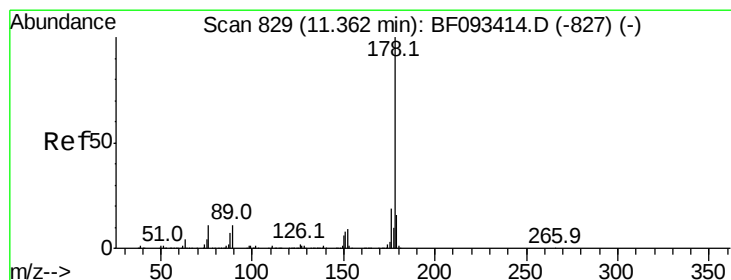
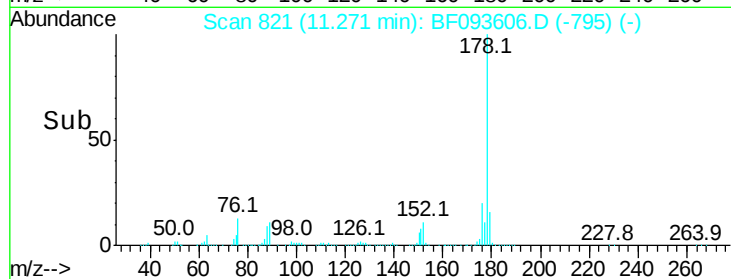
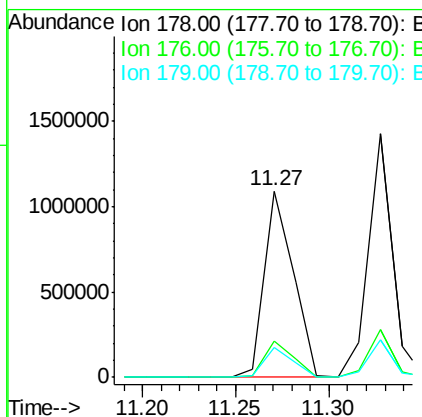
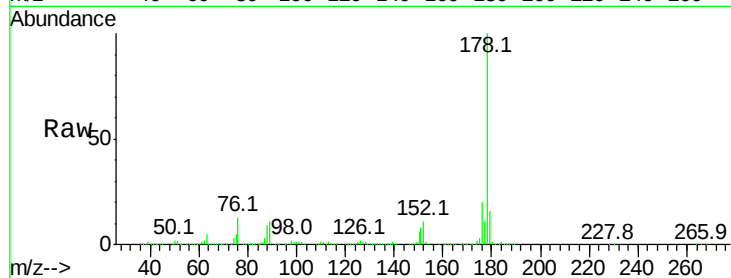
#70
Phenanthrene
Concen: 40.60 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion:178 Resp: 1174574
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 16.0 12.8 19.2

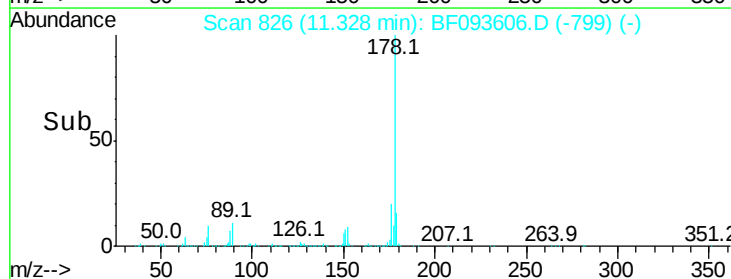
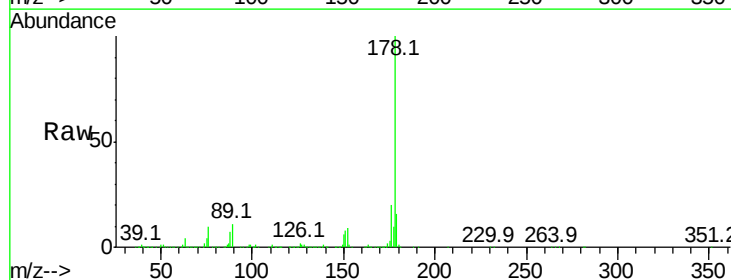
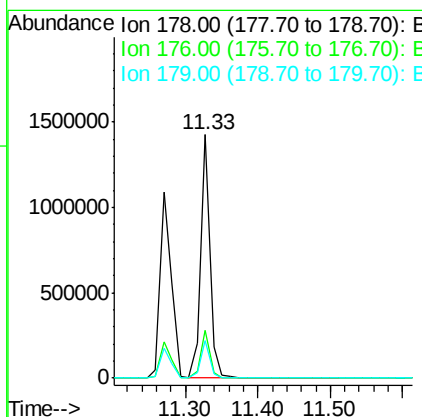
Manual Integrations
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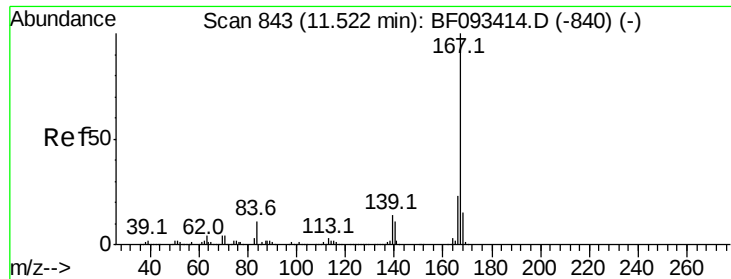
mohammad
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#71
Anthracene
Concen: 43.37 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion:178 Resp: 1269241
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.6 13.2 19.8





#72

Carbazole

Concen: 11.43 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

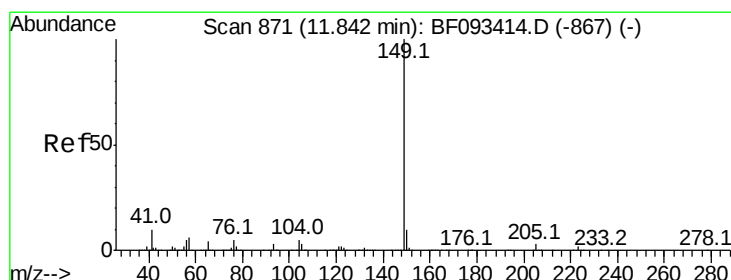
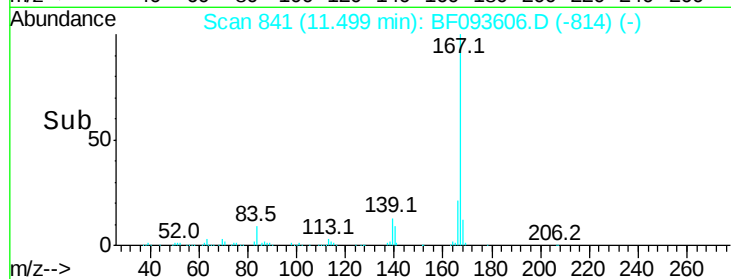
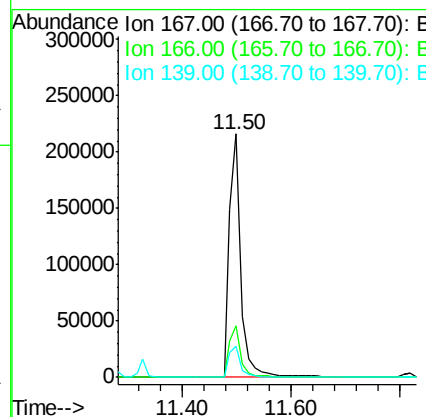
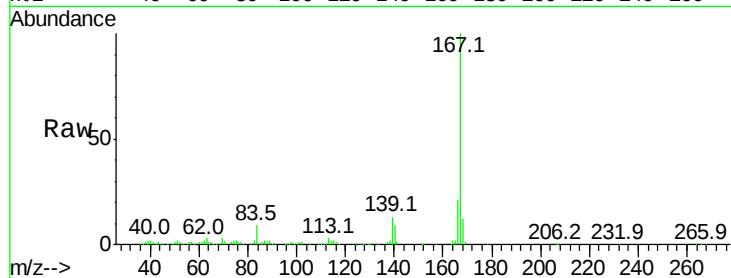
ClientSampleId :

D-64MSD

Tot Ion:	167	Resp:	314077
Ion Ratio	Lower	Upper	
167	100		
166	21.1	18.2	27.2
139	12.5	11.4	17.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 46.05 ng

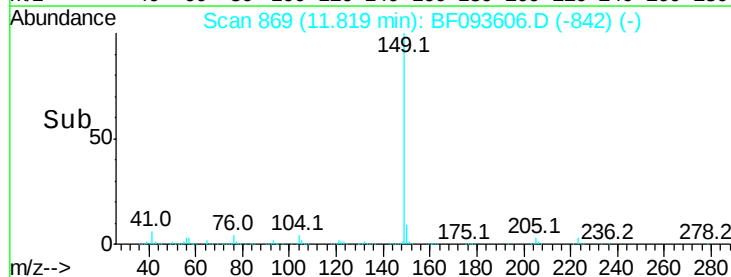
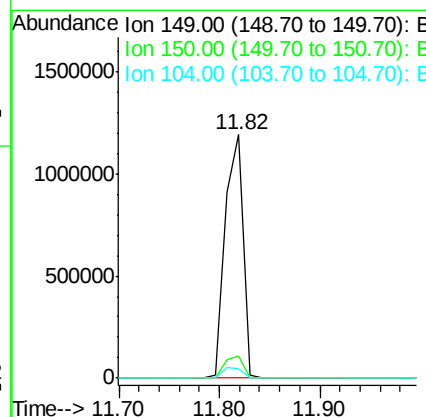
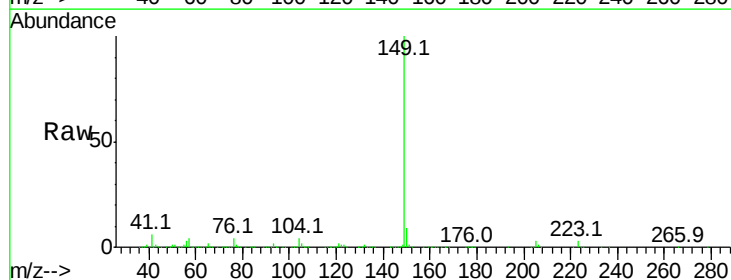
RT: 11.82 min Scan# 869

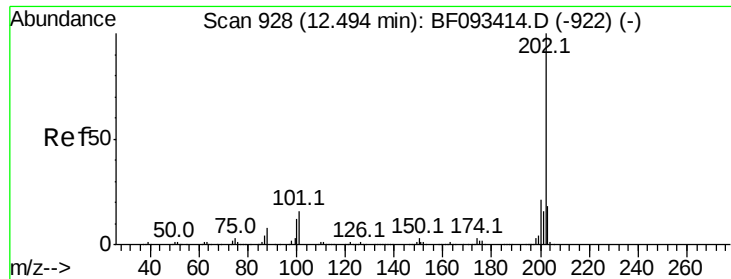
Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	149	Resp:	1464639
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.1	12.1
104	3.9	4.6	7.0#





#74

Fluoranthene

Concen: 40.90 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

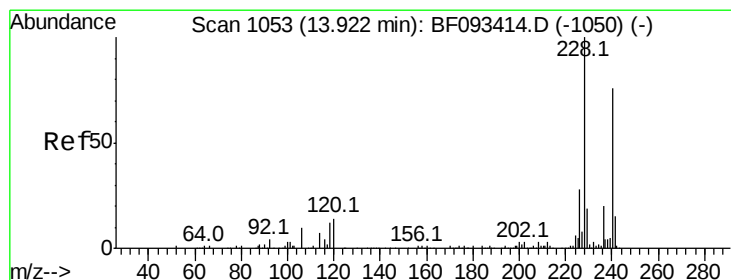
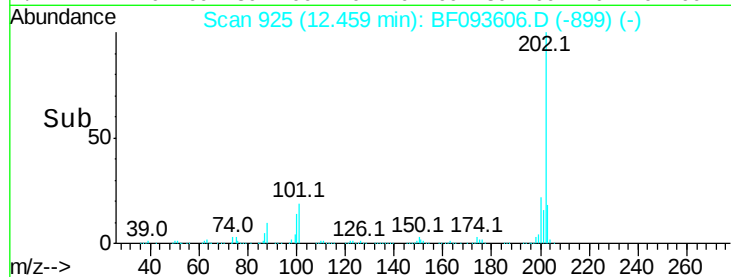
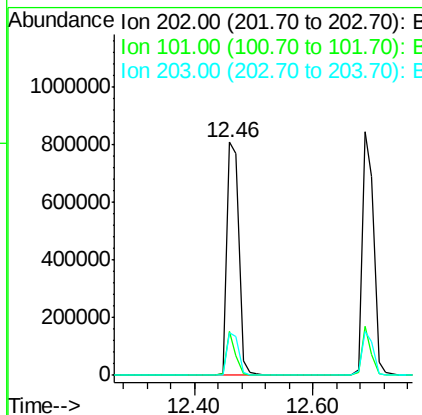
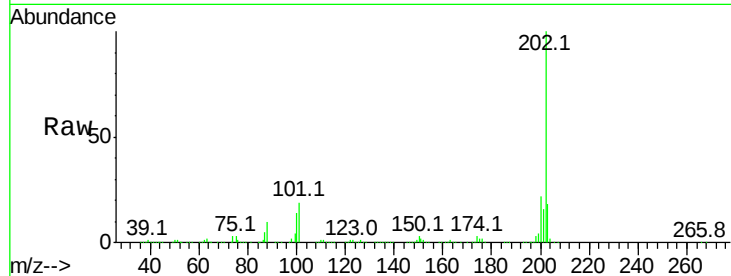
ClientSampled :

D-64MSD

Tot Ion:	202	Resp:	1142735
Ion Ratio	Lower	Upper	
202	100		
101	19.1	0.0	34.6
203	18.3	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

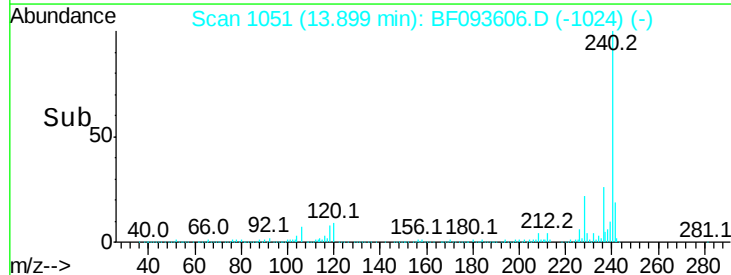
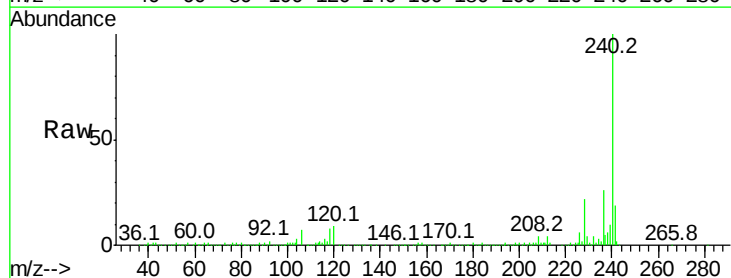
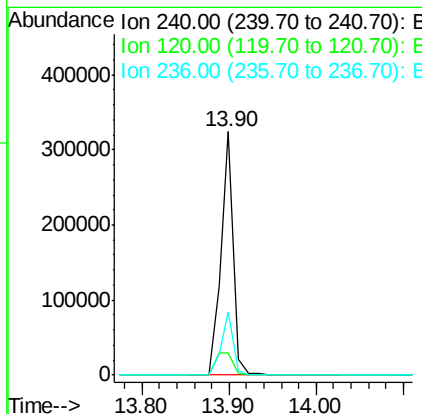
RT: 13.90 min Scan# 1051

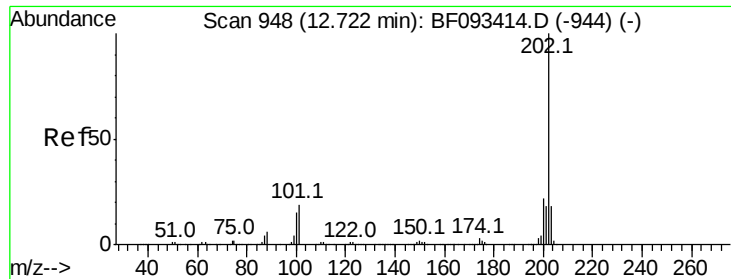
Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion:	240	Resp:	324463
Ion Ratio	Lower	Upper	
240	100		
120	9.4	12.9	19.3#
236	26.0	20.9	31.3





#77

Pvrene

Concen: 47.11 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampleId :

D-64MSD

Tot Ion:202 Resp: 1111760

Ion Ratio Lower Upper

202 100

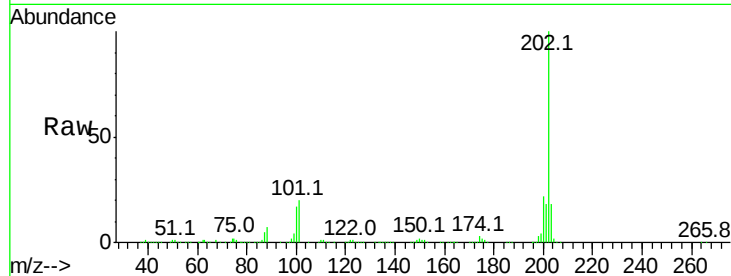
200 21.9 17.7 26.5

203 18.2 14.7 22.1

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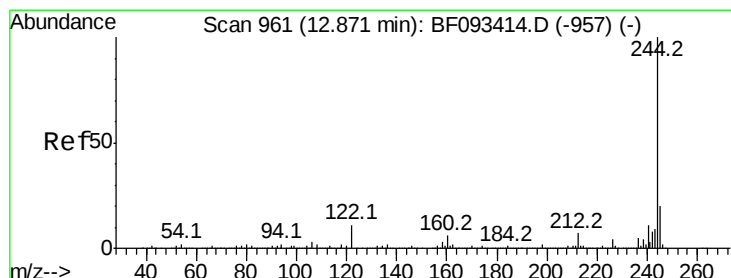
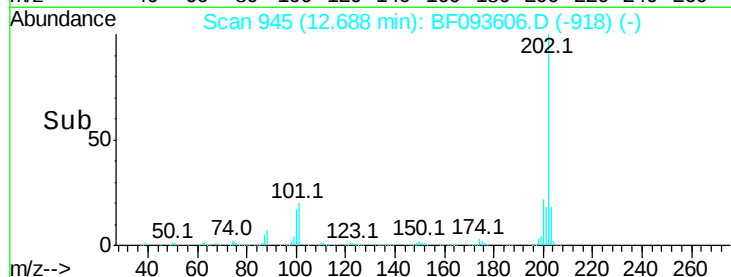
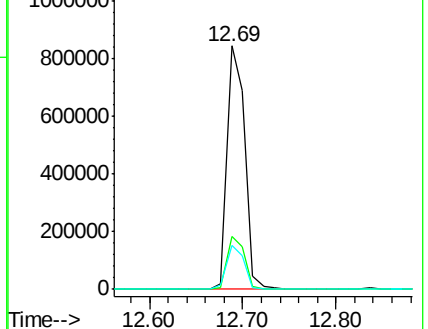
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 101.22 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

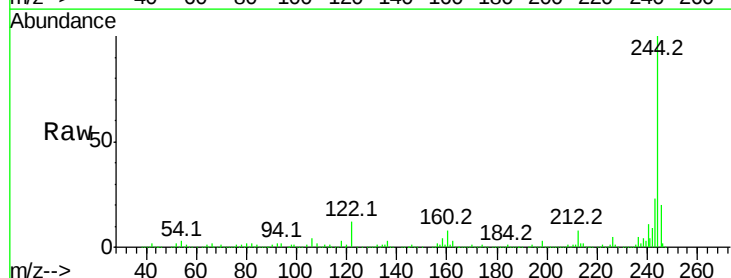
Tgt Ion:244 Resp: 1263154

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

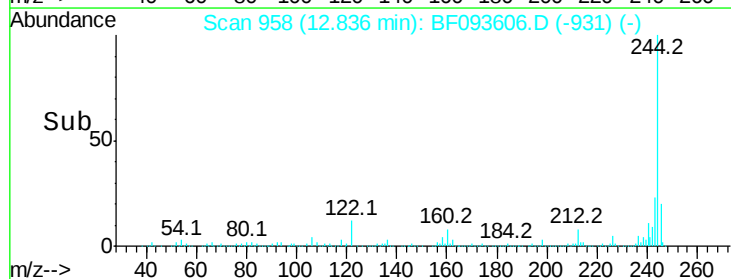
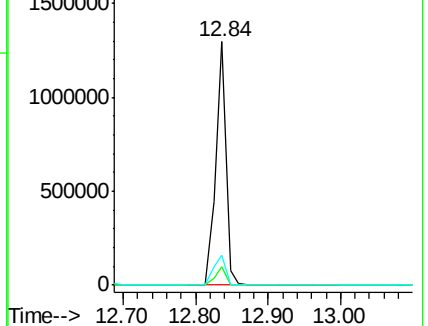
122 12.4 11.4 17.2

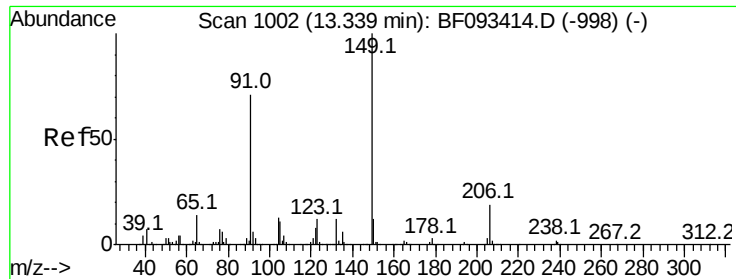


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





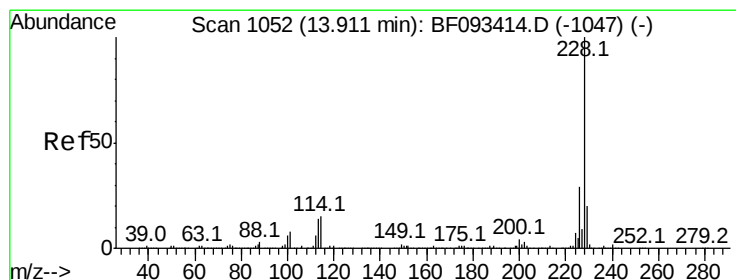
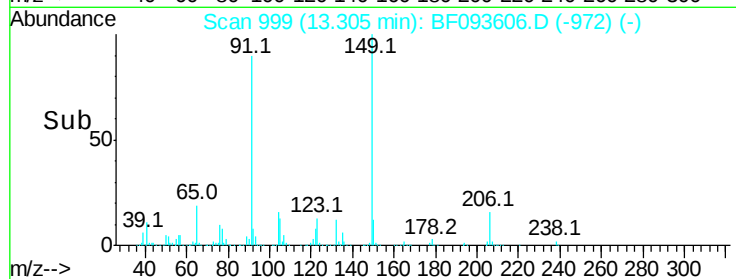
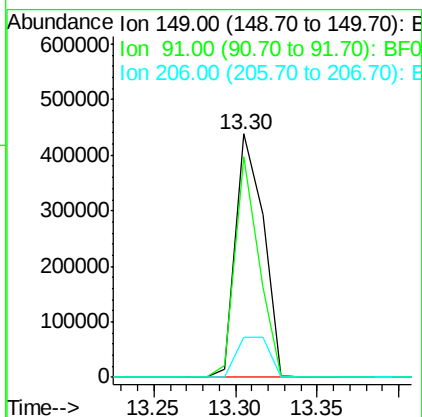
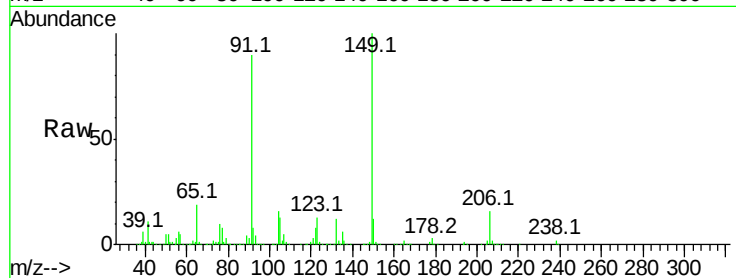
#79
Butylbenzylphthalate
Concen: 52.03 ng
RT: 13.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampled :
D-64MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	90.4	63.9	95.9
206	16.4	14.6	21.8

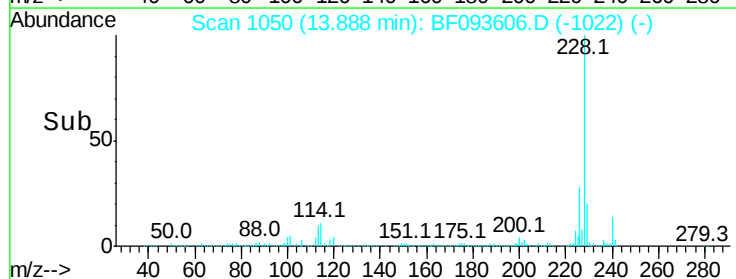
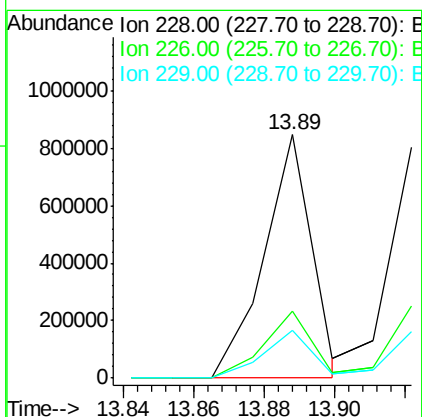
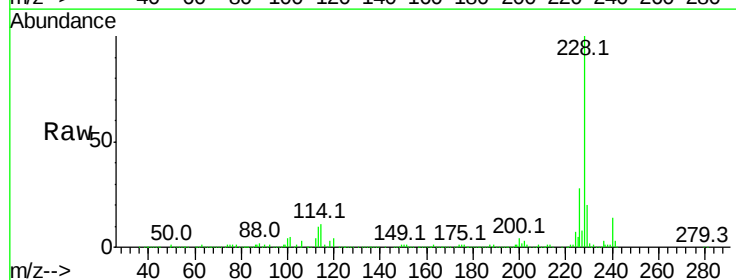
Manual Integrations
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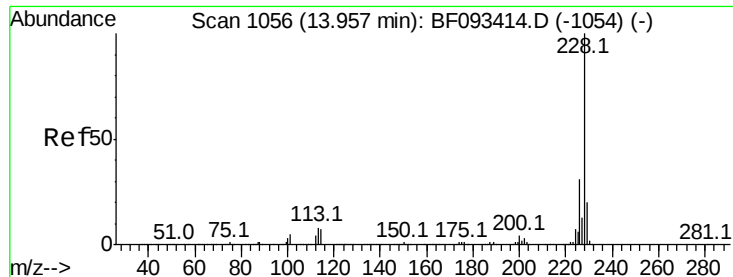
mohammad
3/15/2017 5:37:41 PM



#80
Benzo(a)anthracene
Concen: 42.17 ng m
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.4	33.6
229	19.6	16.2	24.4





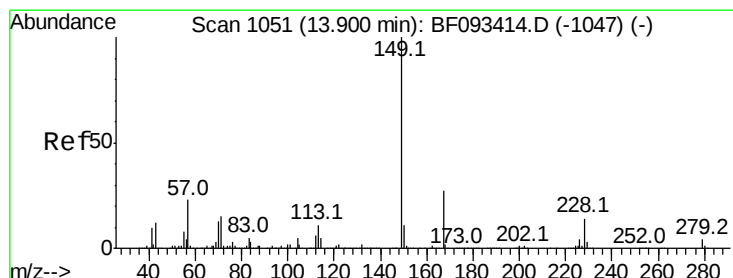
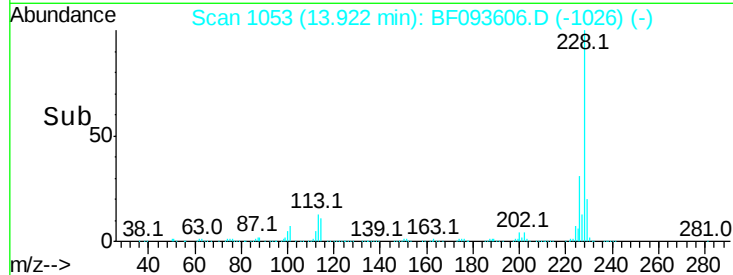
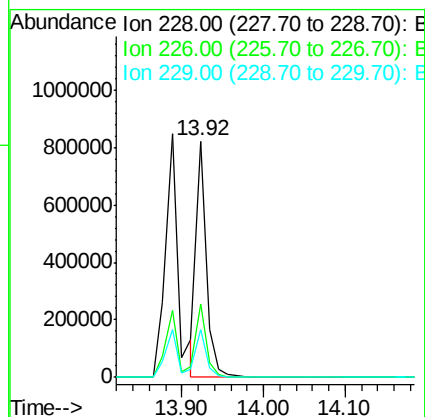
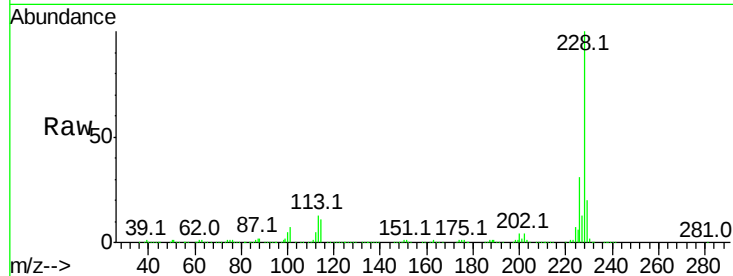
#82
 Chrysene
 Concen: 40.42 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :
 D-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	716538		
226	31.1		25.4	38.0
229	20.1		16.2	24.2

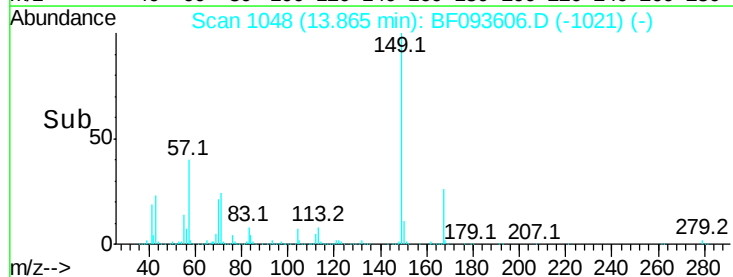
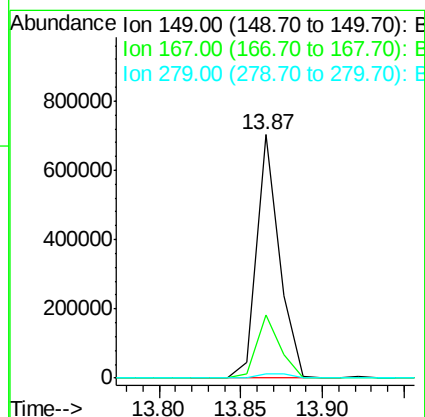
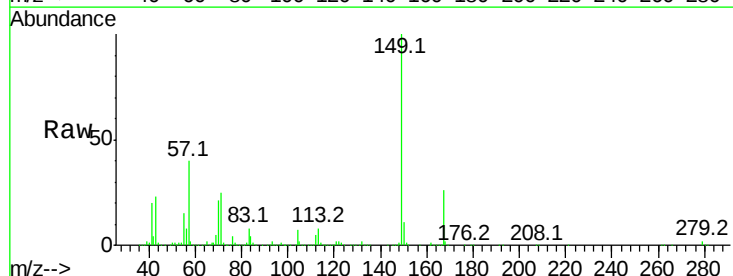
Manual Integrations
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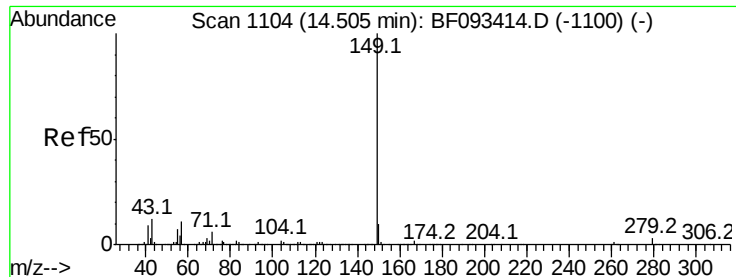
mohammad
 3/15/2017 5:37:41 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.24 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093606.D
 Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	681767		
167	25.8		20.2	30.4
279	2.0		1.8	2.8





#84

Di-n-octyl phthalate

Concen: 47.24 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Instrument :

BNA_F

ClientSampled :

D-64MSD

Tot Ion:149 Resp: 1090215

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

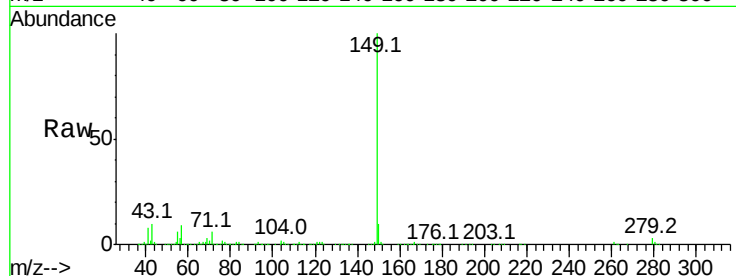
43 12.9 8.9 13.3

Manual Integrations

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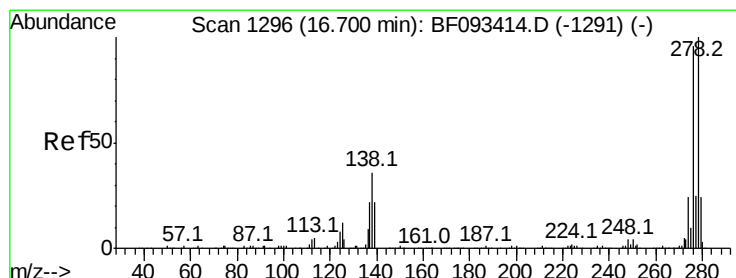
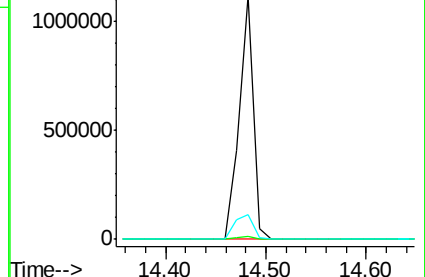
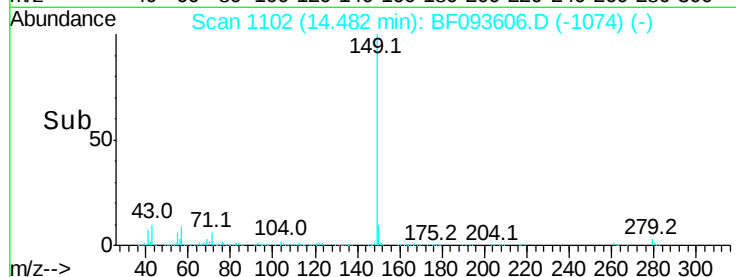
3/15/2017 5:37:41 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.57 ng

RT: 16.67 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

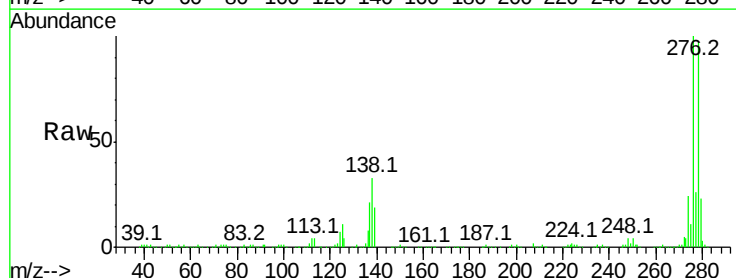
Tgt Ion:276 Resp: 572403

Ion Ratio Lower Upper

276 100

138 35.1 21.8 32.6#

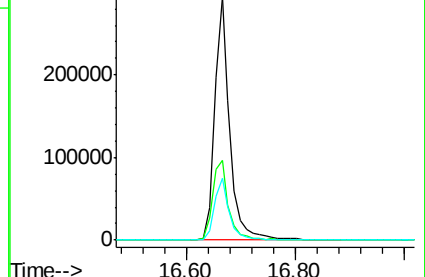
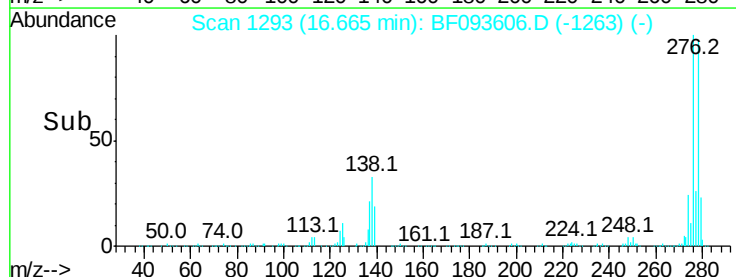
277 25.5 20.2 30.4

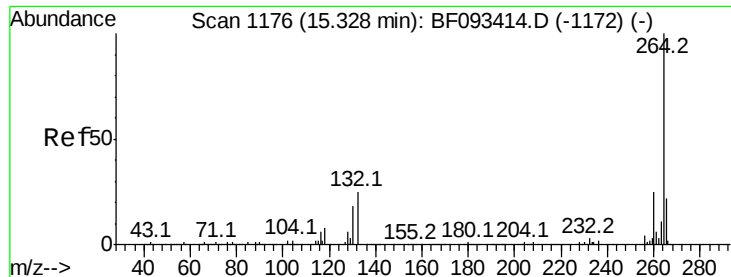


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





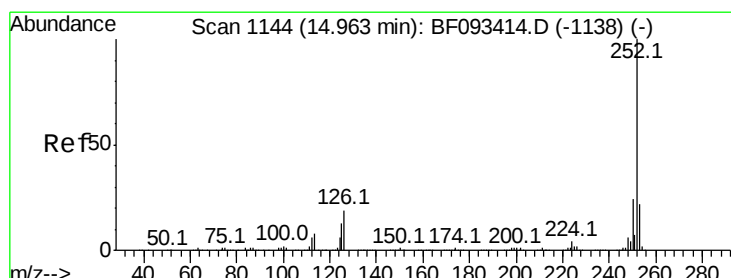
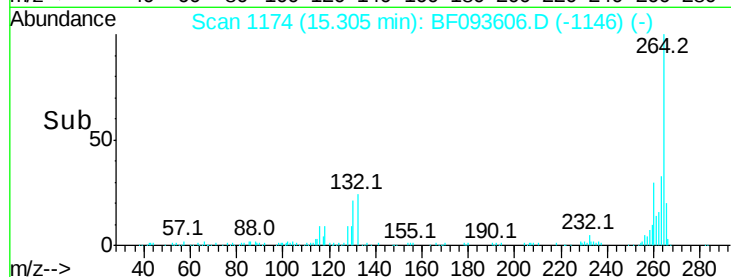
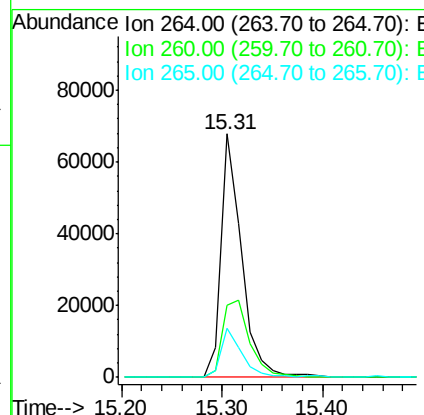
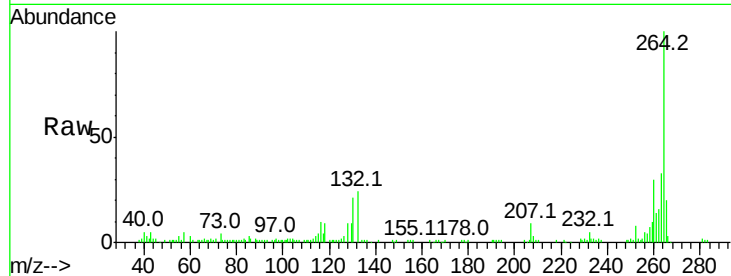
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.6	19.2	28.8#
265	20.3	17.4	26.0

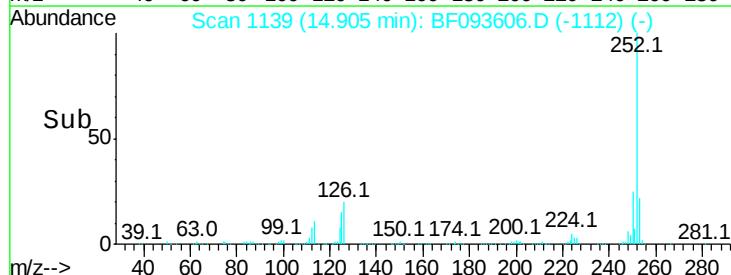
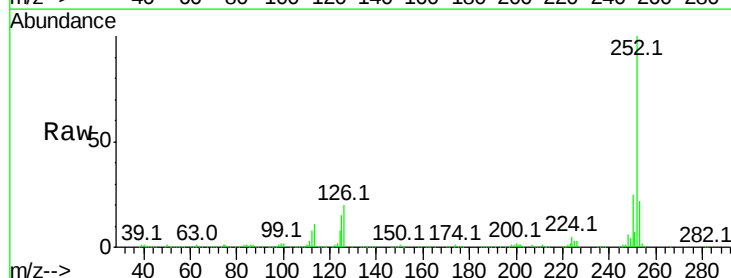
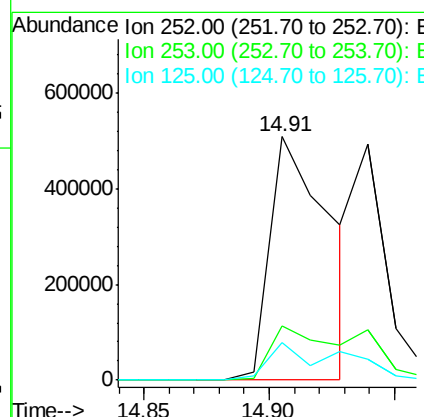
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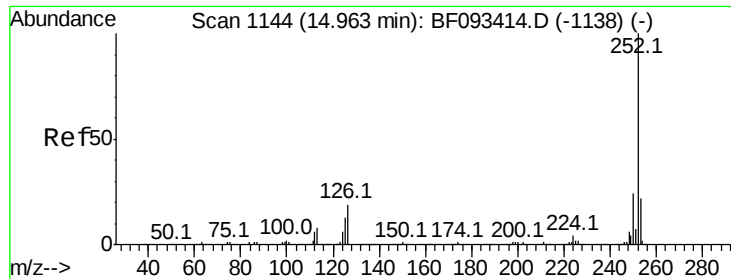
mohammad
3/15/2017 5:37:41 PM



#87
Benzo(b)fluoranthene
Concen: 143.78 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	15.5	9.8	14.6#





#88

Benzo(k)fluoranthene

Concen: 78.41 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093606.D

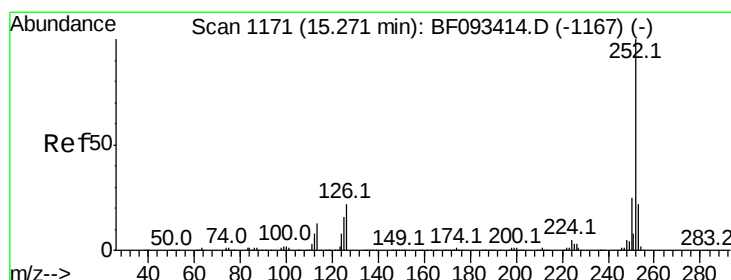
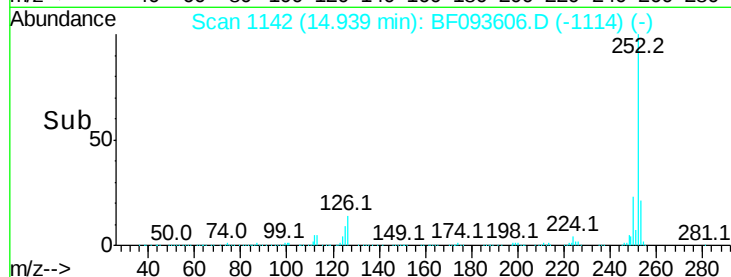
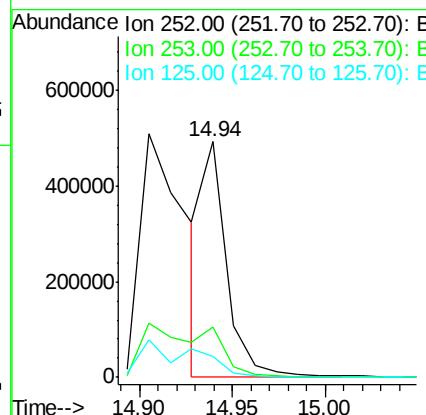
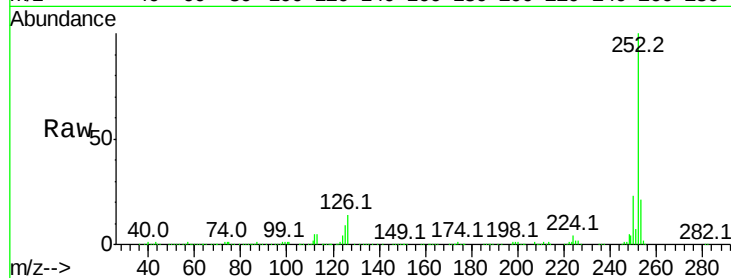
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.5	27.7
125	9.0	8.9	13.3

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 94.67 ng

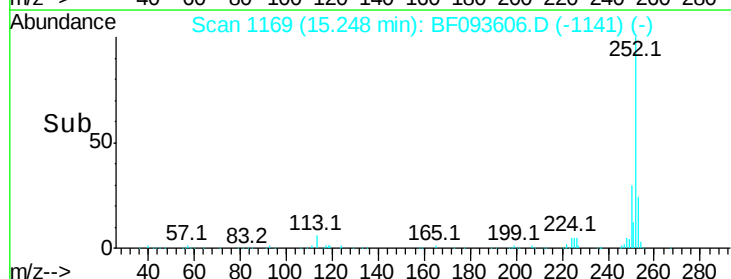
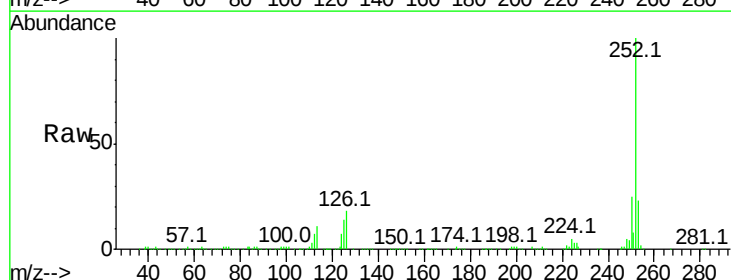
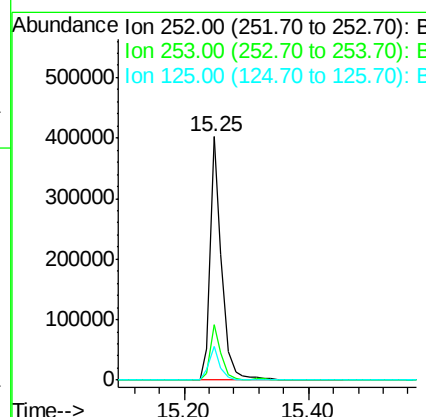
RT: 15.25 min Scan# 1169

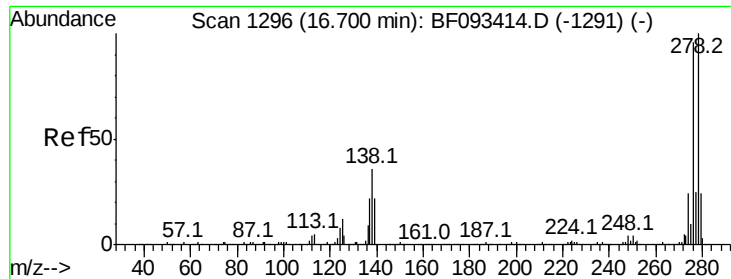
Delta R.T. 0.02 min

Lab File: BF093606.D

Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.7	10.0	15.0





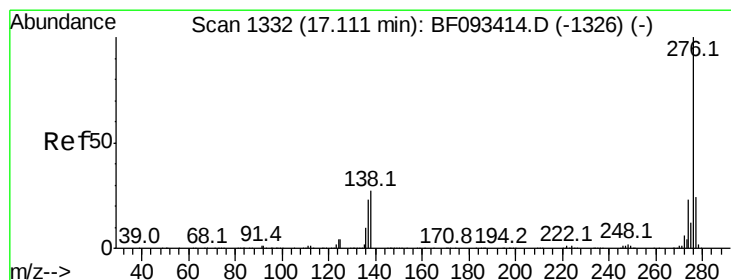
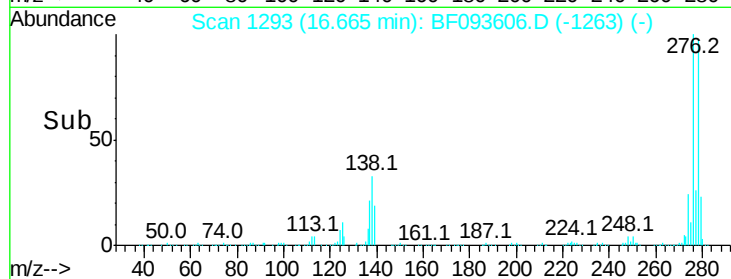
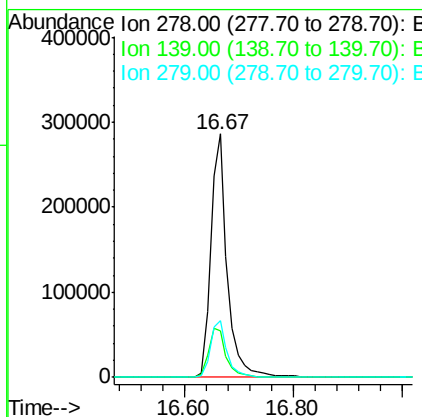
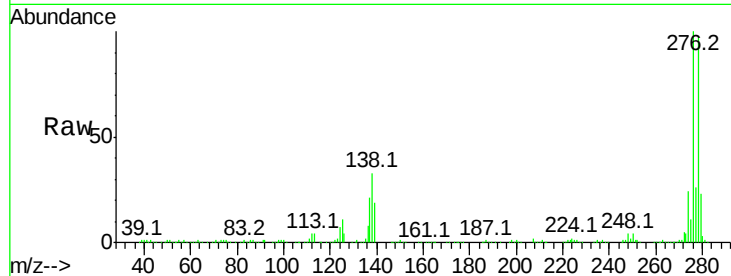
#90
Dibenzo(a,h)anthracene
Concen: 135.52 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Instrument :
BNA_F
ClientSampleId :
D-64MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	23.5	19.8	29.6

Manual Integrations
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3/15/2017 5:37:41 PM



#91
Benzo(g,h,i)perylene
Concen: 104.15 ng
RT: 17.07 min Scan# 1328
Delta R.T. 0.05 min
Lab File: BF093606.D
Acq: 13 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	31.1	16.0	24.0

