

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092628.D
 Acq On : 30 Jan 2017 12:43
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:45:16 PM

Quant Time: Jan 30 13:57:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 13:46:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161545	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	637334	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	337438	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	555463	20.00	ng	0.00
75) Chrysene-d12	14.15	240	444068	20.00	ng	0.00
86) Perylene-d12	15.61	264	369739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	786143	75.71	ng	0.00
7) Phenol-d6	6.60	99	967056	73.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	925828	79.35	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	211447	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1573119	86.21	ng	0.00
78) Terphenyl-d14	13.08	244	1450546	86.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	198646	35.97	ng	# 86
3) Pyridine	3.37	79	524187	33.34	ng	86
4) n-Nitrosodimethylamine	3.32	42	243392	31.56	ng	85
6) Aniline	6.62	93	641486	32.52	ng	# 66
8) 2-Chlorophenol	6.75	128	417284	38.26	ng	99
9) Benzaldehyde	6.51	77	355140	37.84	ng	98
10) Phenol	6.62	94	537680	33.68	ng	83
11) bis(2-Chloroethyl)ether	6.69	93	431653	36.14	ng	89
12) 1,3-Dichlorobenzene	6.90	146	474563m	36.79	ng	
13) 1,4-Dichlorobenzene	6.98	146	475411	36.62	ng	98
14) 1,2-Dichlorobenzene	7.14	146	475652	38.62	ng	96
15) Benzyl Alcohol	7.10	79	346819	34.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	775159	32.81	ng	95
17) 2-Methylphenol	7.23	107	373785	40.11	ng	98
18) Hexachloroethane	7.48	117	168667	37.72	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	281002	31.20	ng	94
20) 3+4-Methylphenols	7.38	107	436394	38.60	ng	# 67
22) Acetophenone	7.38	105	565416	37.25	ng	# 93
24) Nitrobenzene	7.55	77	439354	35.94	ng	99
25) Isophorone	7.79	82	835011	36.32	ng	96
26) 2-Nitrophenol	7.87	139	242415	47.33	ng	91
27) 2,4-Dimethylphenol	7.92	122	412591	38.73	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	563033	37.31	ng	99
29) 2,4-Dichlorophenol	8.11	162	350023	37.90	ng	87
30) 1,2,4-Trichlorobenzene	8.19	180	385719	38.64	ng	94
31) Naphthalene	8.28	128	1255703	38.50	ng	98
32) Benzoic acid	8.03	122	220304	29.91	ng	98
33) 4-Chloroaniline	8.33	127	517931	37.53	ng	99
34) Hexachlorobutadiene	8.40	225	217264	39.79	ng	98
35) Caprolactam	8.70	113	123091	39.91	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	387103	38.87	ng	87
37) 2-Methylnaphthalene	8.97	142	829537	40.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	373169	43.84	ng	99
40) Hexachlorocyclopentadiene	9.12	237	172794	40.54	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	263676	40.43	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	263045	44.08	nq	96
45) 1,1'-Biphenyl	9.44	154	1013811	41.56	nq	99
46) 2-Chloronaphthalene	9.46	162	810467	40.68	nq	99
47) 2-Nitroaniline	9.55	65	240124	35.79	nq	92
48) Acenaphthylene	9.87	152	1225372	41.93	nq	99
49) Dimethylphthalate	9.73	163	912647	42.53	nq	99
50) 2,6-Dinitrotoluene	9.79	165	201199	45.87	nq	# 71
51) Acenaphthene	10.04	154	746396	41.11	nq	96
52) 3-Nitroaniline	9.97	138	239847	43.66	nq	# 70
53) 2,4-Dinitrophenol	10.06	184	92243	58.77	nq	# 56
54) Dibenzofuran	10.21	168	983519	39.89	nq	97
55) 4-Nitrophenol	10.13	139	160042	36.69	nq	94
56) 2,4-Dinitrotoluene	10.20	165	293134	50.35	nq	# 71
57) Fluorene	10.56	166	789826	43.20	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203014	45.41	nq	93
59) Diethylphthalate	10.43	149	879936	42.77	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	379431	42.79	nq	99
61) 4-Nitroaniline	10.58	138	228030	41.51	nq	94
62) Azobenzene	10.70	77	882085	37.67	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	133545	48.60	nq	78
65) n-Nitrosodiphenylamine	10.67	169	715657	41.26	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	226113	40.32	nq	# 88
67) Hexachlorobenzene	11.10	284	223723	39.46	nq	# 84
68) Atrazine	11.20	200	214060	36.05	nq	100
69) Pentachlorophenol	11.30	266	104783	28.91	nq	95
70) Phenanthrene	11.53	178	1278555	41.80	nq	98
71) Anthracene	11.57	178	1239686	41.47	nq	98
72) Carbazole	11.73	167	1292194	45.27	nq	98
73) Di-n-butylphthalate	12.05	149	1309891	40.13	nq	# 98
74) Fluoranthene	12.72	202	1342938	44.88	nq	91
76) Benzidine	12.83	184	753013	45.68	nq	99
77) Pyrene	12.95	202	1407384	43.74	nq	99
79) Butylbenzylphthalate	13.55	149	541696	41.56	nq	99
80) Benzo(a)anthracene	14.12	228	1100330	46.11	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	399365	44.07	nq	97
82) Chrysene	14.17	228	1101361	43.21	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	768320	46.80	nq	# 98
84) Di-n-octyl phthalate	14.73	149	1262395	42.36	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	749039	39.72	nq	95
87) Benzo(b)fluoranthene	15.19	252	1028568	43.33	nq	# 95
88) Benzo(k)fluoranthene	15.21	252	773187m	39.17	nq	
89) Benzo(a)pyrene	15.55	252	842899	41.98	nq	97
90) Dibenzo(a,h)anthracene	17.11	278	643248	39.62	nq	99
91) Benzo(g,h,i)perylene	17.54	276	645110	39.29	nq	# 94

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

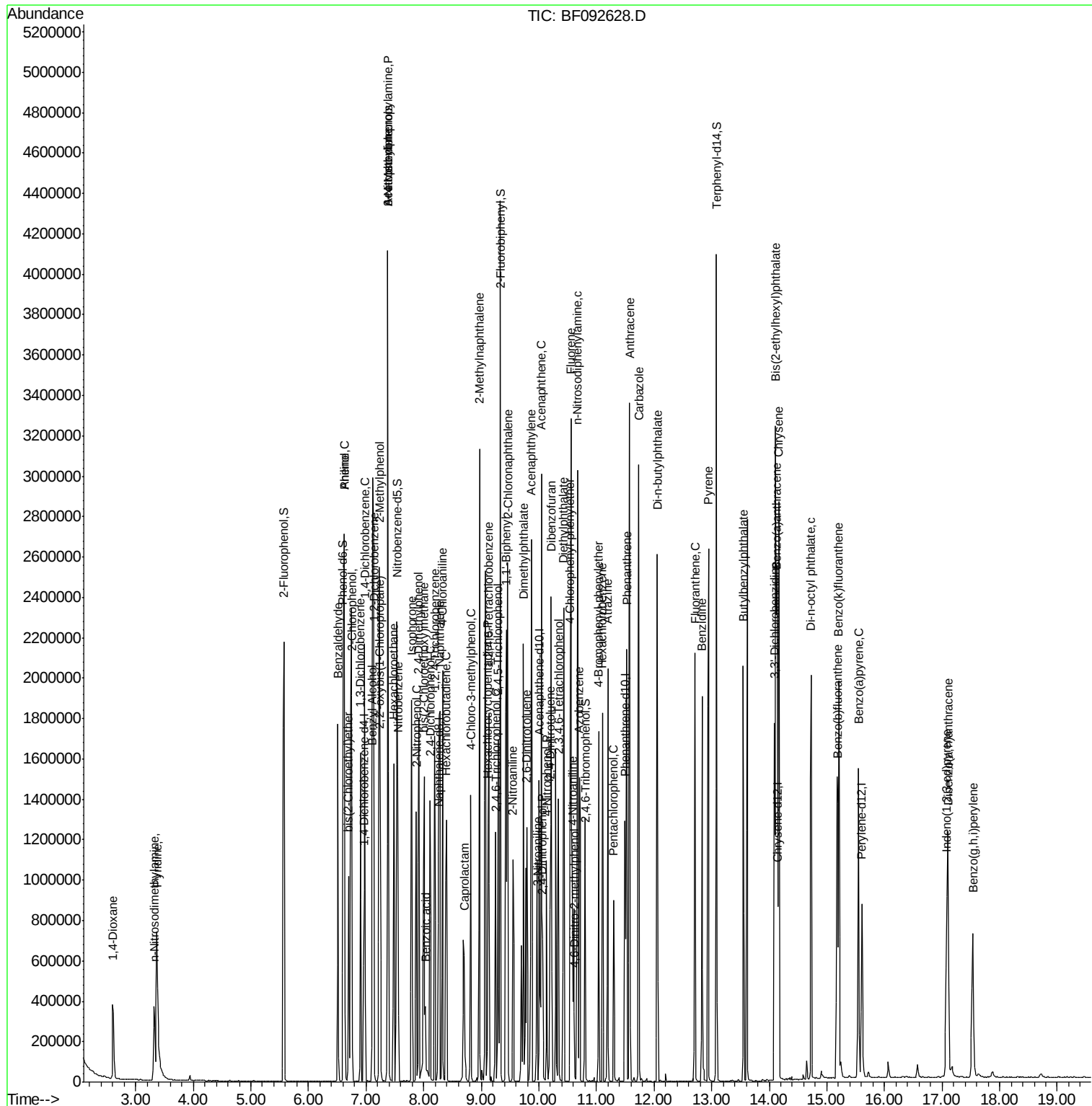
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\  
Data File : BF092628.D  
Acq On    : 30 Jan 2017  12:43  
Operator  : SJ/MA  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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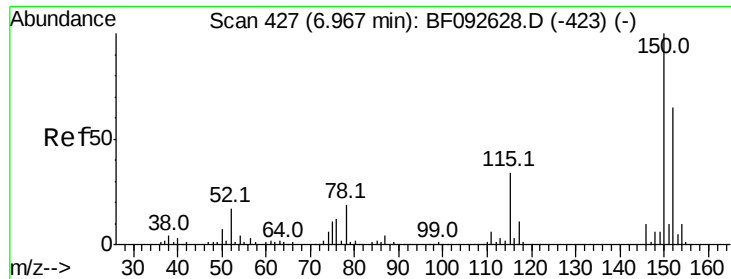
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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#1

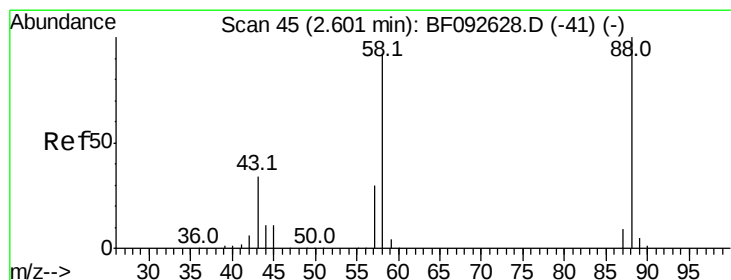
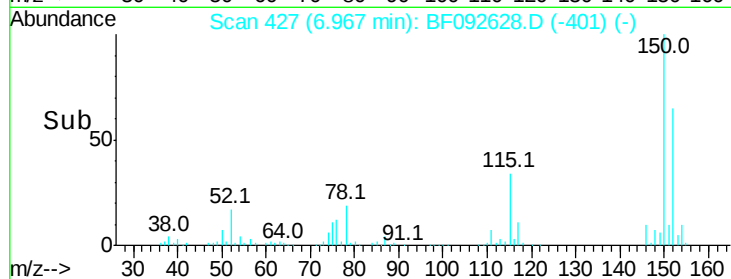
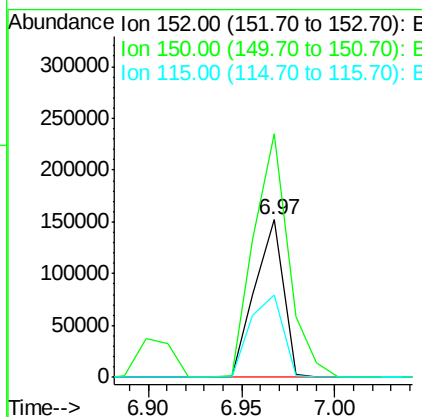
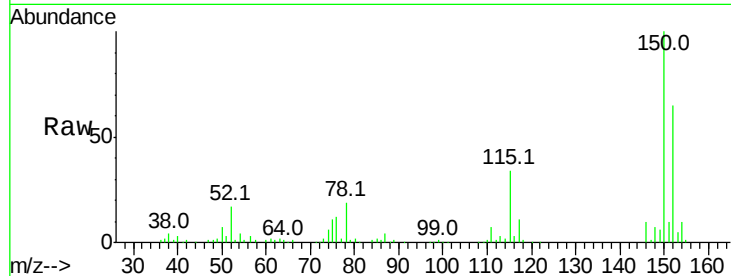
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	52.1	46.0	69.0

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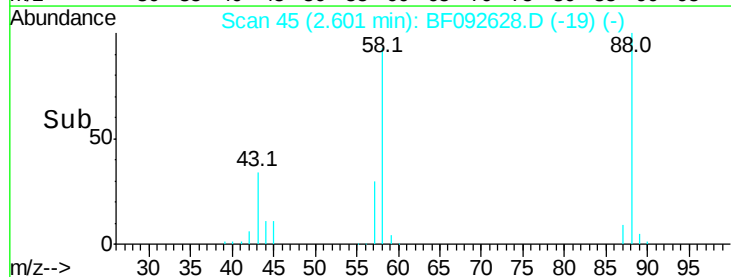
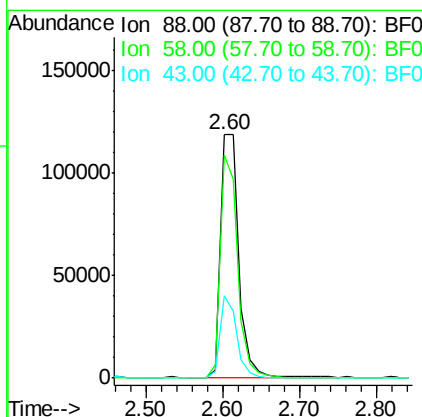
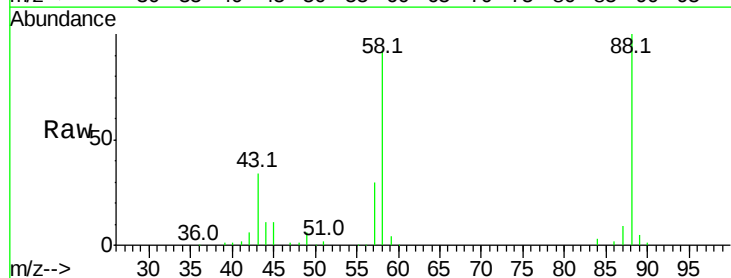
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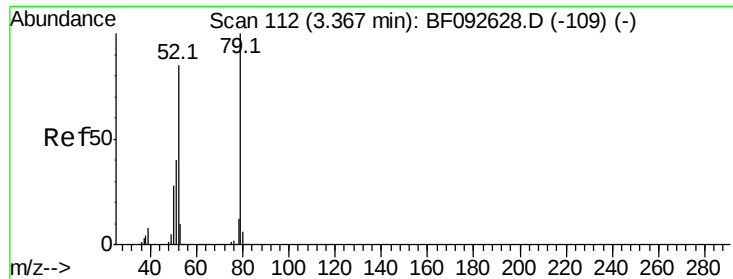


#2

1,4-Dioxane
Concen: 35.97 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	57.8	86.8#
43	30.9	22.3	33.5





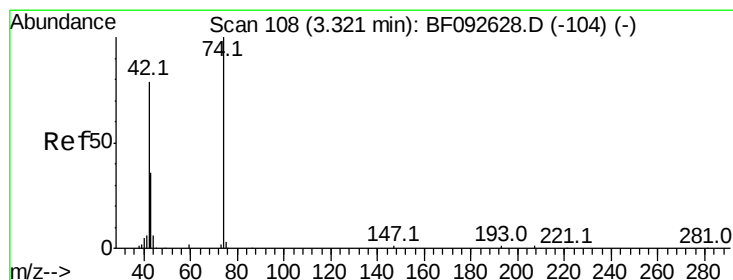
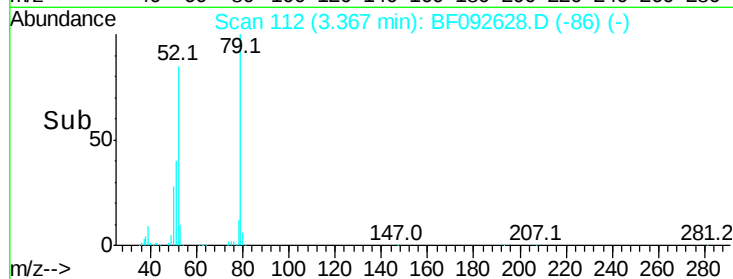
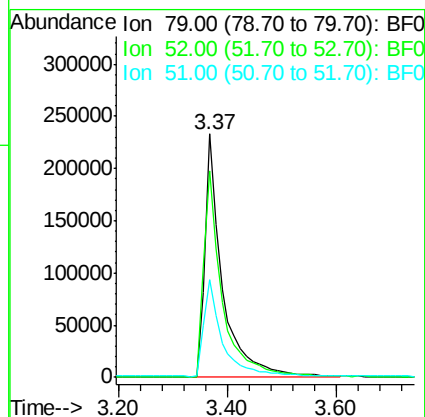
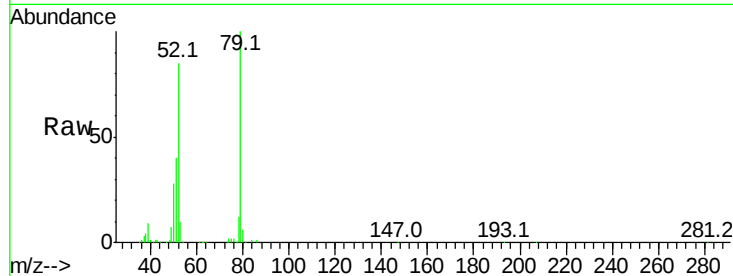
#3
 Pvridine
 Concen: 33.34 ng
 RT: 3.37 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.8	57.1	85.7
51	40.2	27.3	40.9

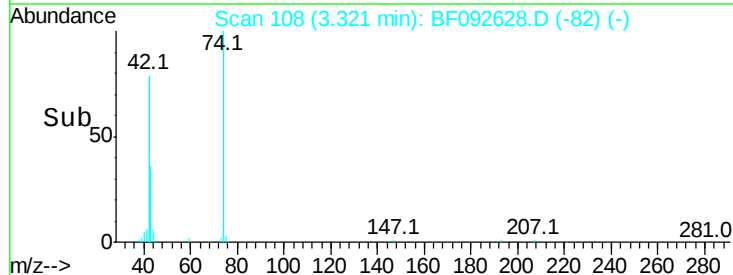
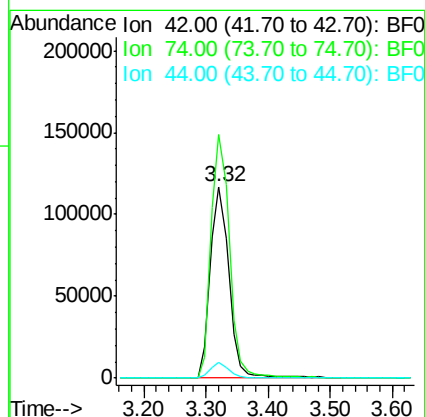
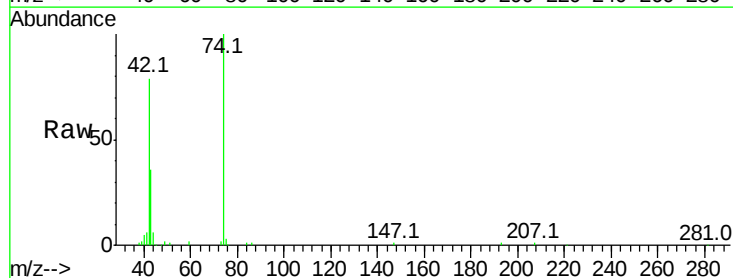
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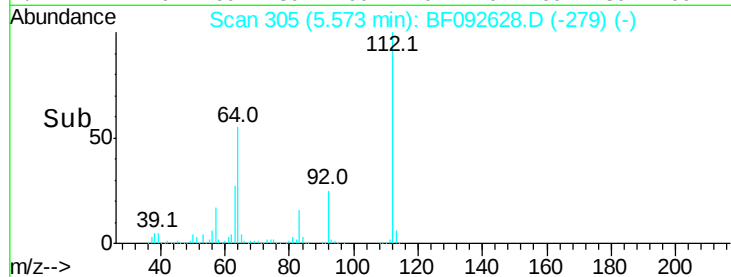
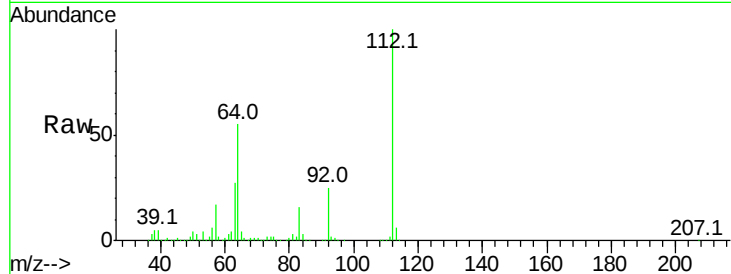
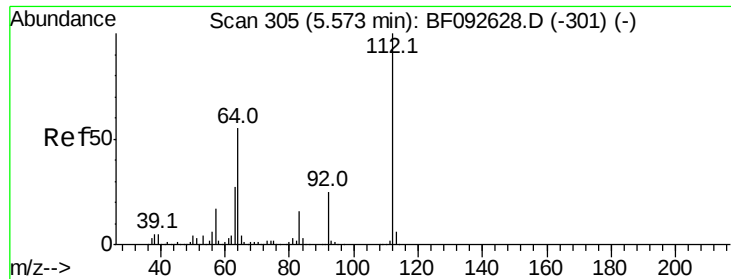
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#4
 n-Nitrosodimethylamine
 Concen: 31.56 ng
 RT: 3.32 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.2	117.0	175.4
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 75.71 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092628.D

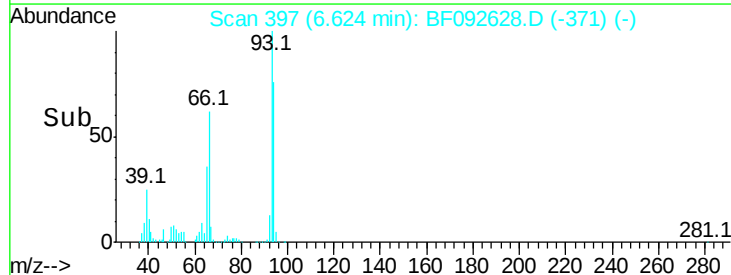
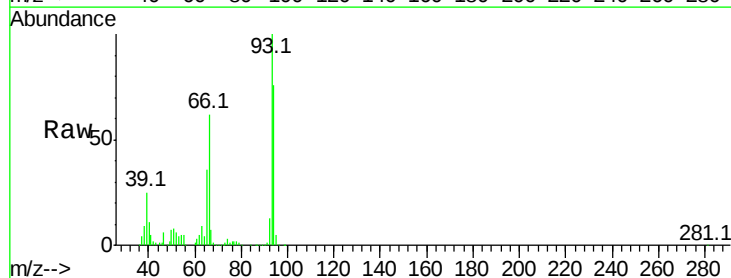
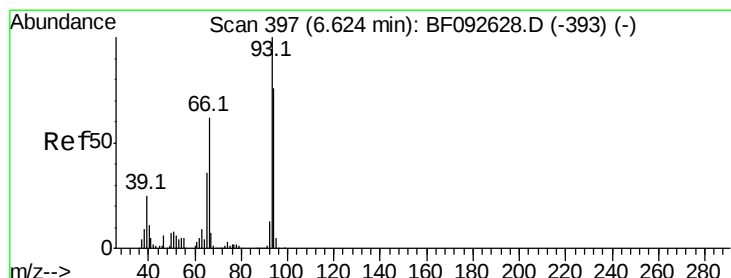
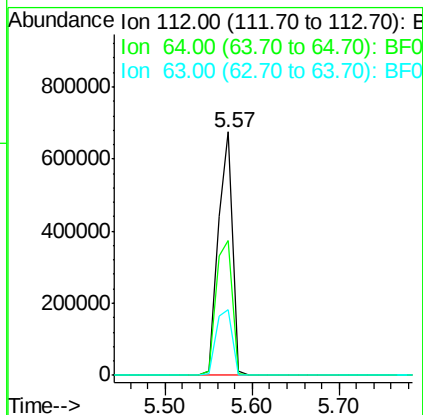
Acq: 30 Jan 2017 12:43

Tot Ion:	112	Resp:	786143
Ion Ratio	Lower	Upper	
112	100		
64	55.3	46.1	69.1
63	27.0	23.8	35.6

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#6

Aniline

Concen: 32.52 ng

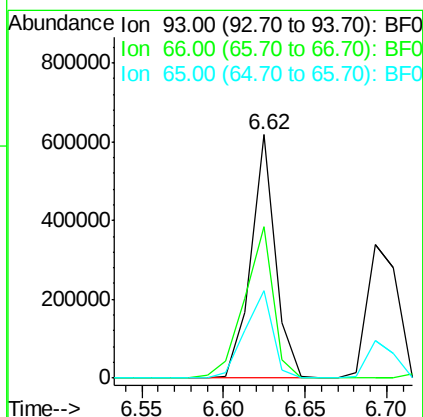
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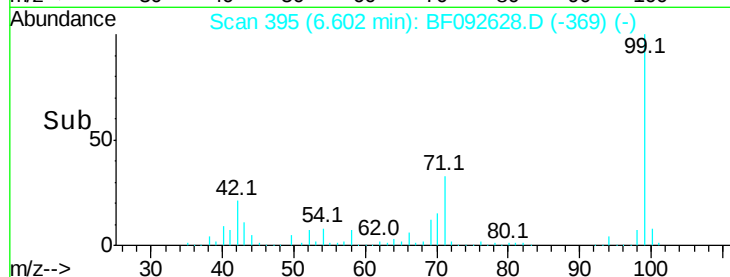
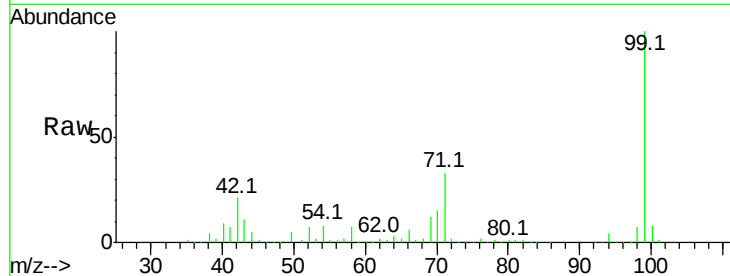
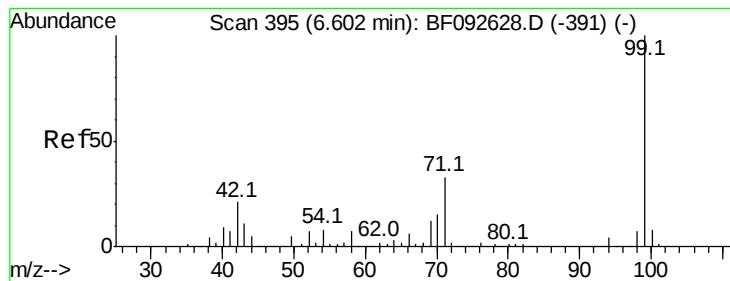
Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion:	93	Resp:	641486
Ion Ratio	Lower	Upper	
93	100		
66	62.0	76.2	114.2#
65	36.0	49.3	73.9#





#7

Phenol-d6

Concen: 73.12 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tot Ion:	99	Resp:	967056
Ion Ratio	Lower	Upper	
99	100		
42	21.3	15.6	23.4
71	32.6	27.5	41.3

Instrument :

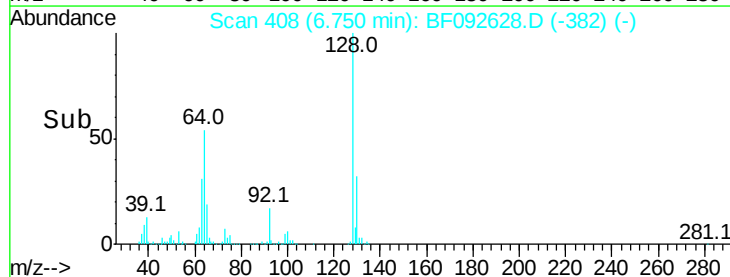
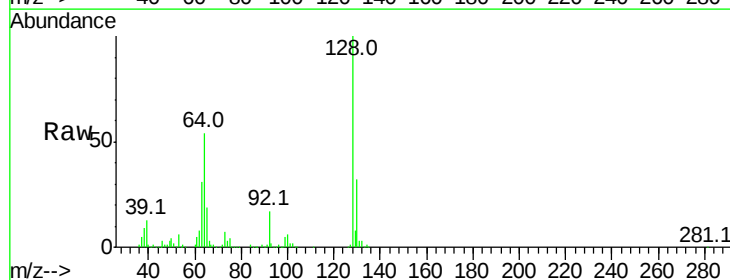
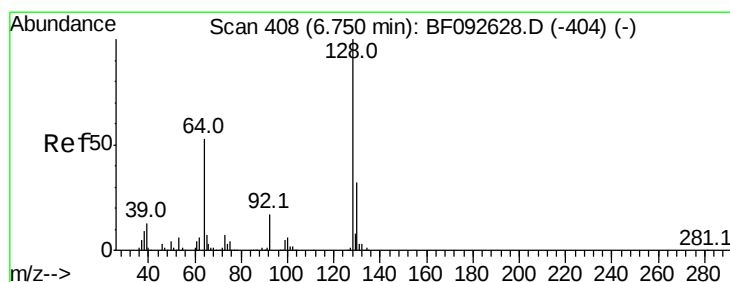
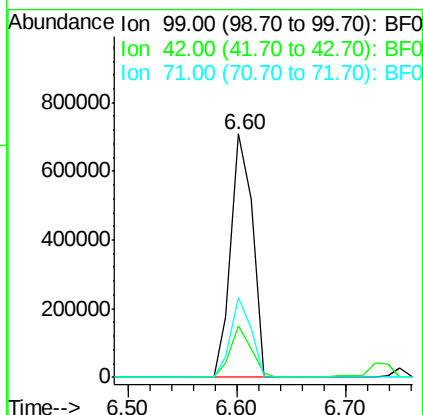
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.26 ng

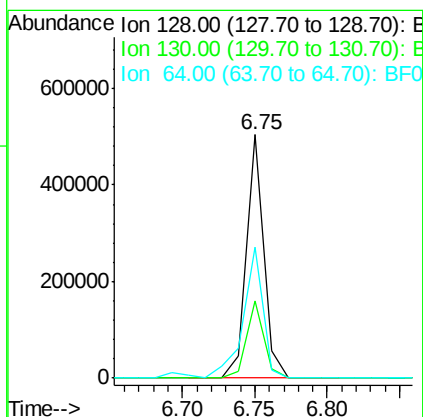
RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion:	128	Resp:	417284
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.3	52.3
64	53.6	32.2	72.2





#9

Benzaldehyde

Concen: 37.84 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

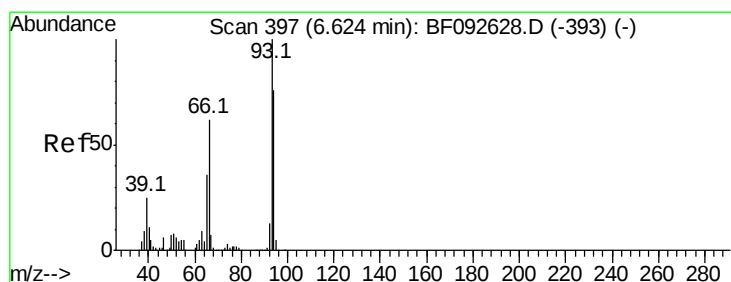
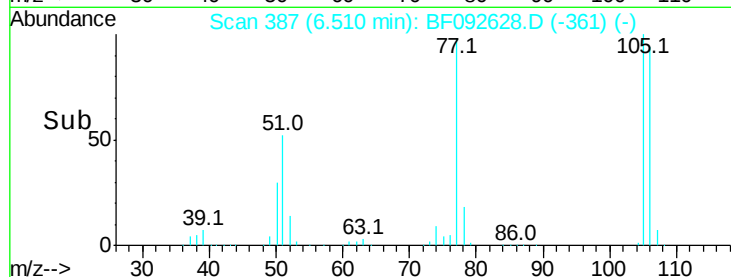
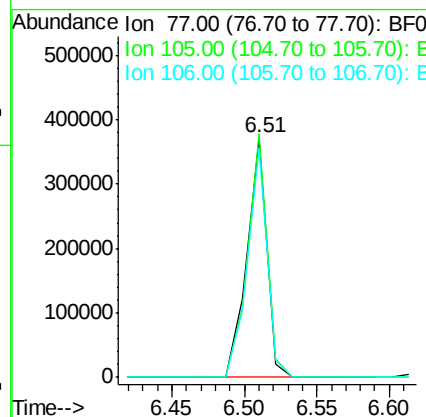
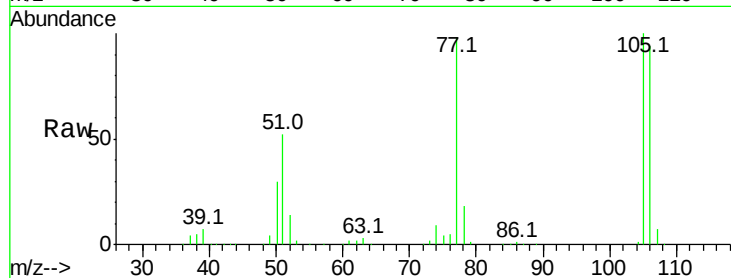
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	355140
Ion Ratio	Lower	Upper	
77	100		
105	102.0	83.9	123.9
106	96.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 33.68 ng

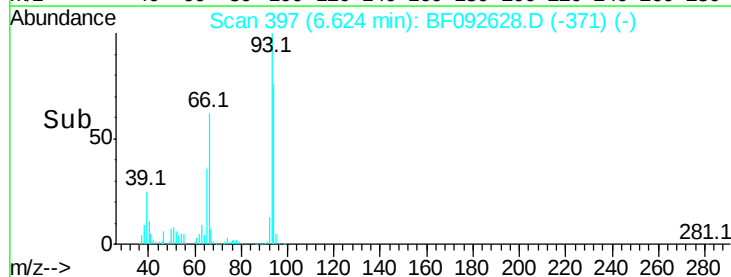
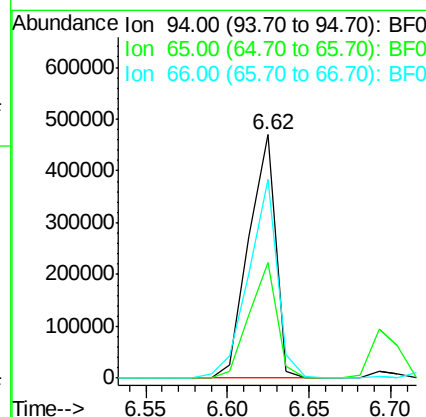
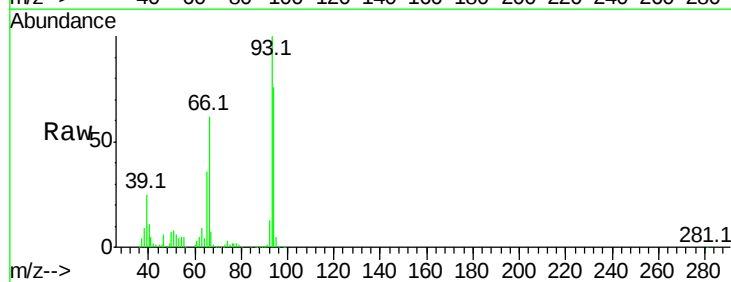
RT: 6.62 min Scan# 397

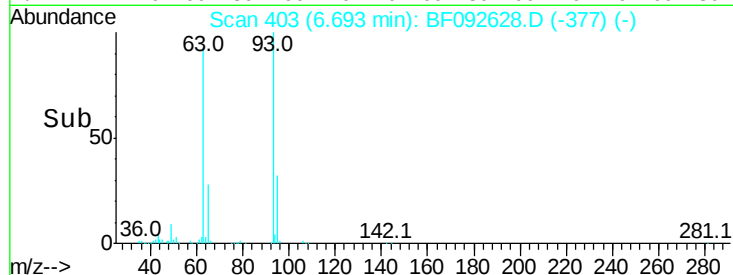
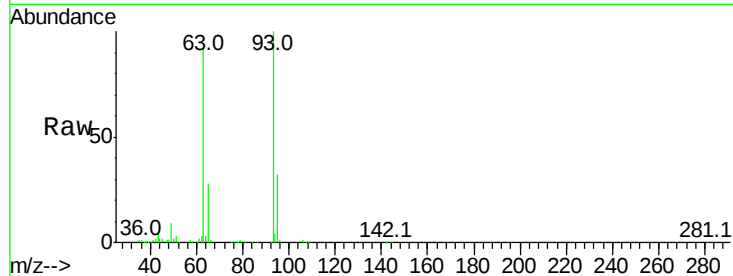
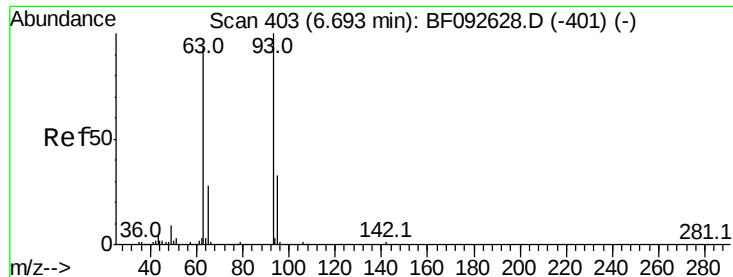
Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion:	94	Resp:	537680
Ion Ratio	Lower	Upper	
94	100		
65	47.4	21.4	61.4
66	81.5	44.0	84.0





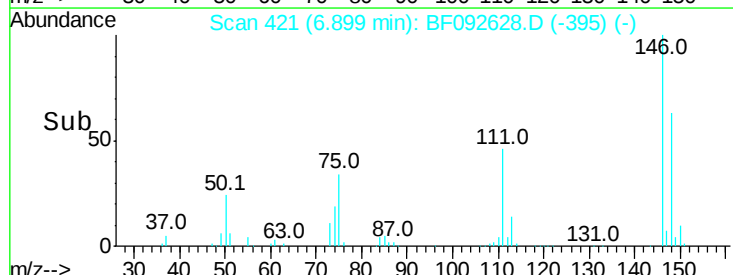
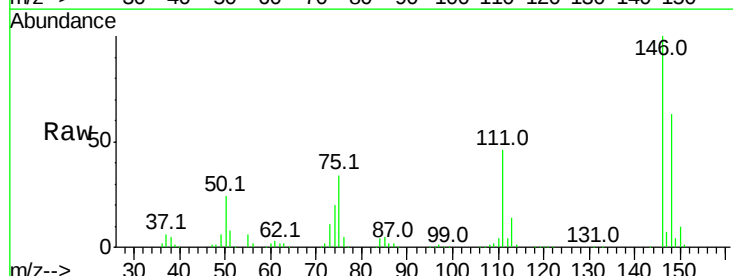
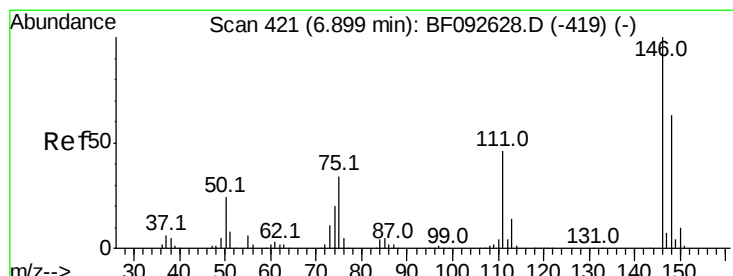
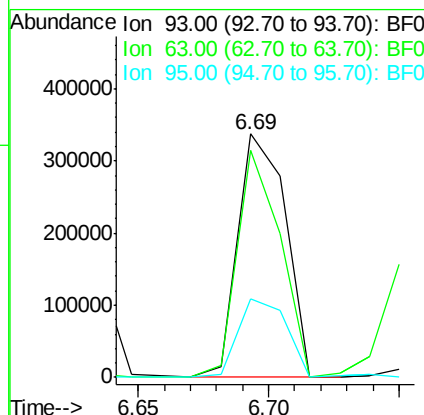
#11
bis(2-Chloroethyl)ether
Concen: 36.14 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	60.4	100.4
95	32.4	12.8	52.8

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

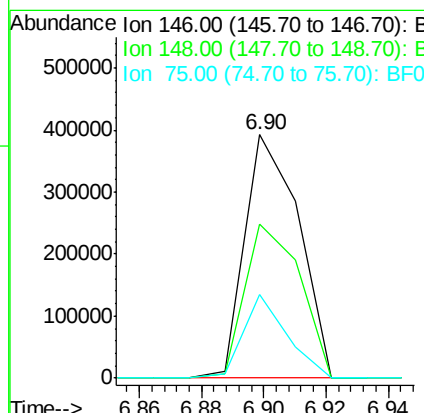
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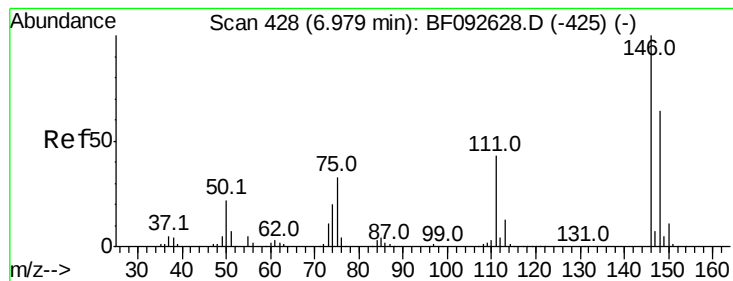
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.79 ng m
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	34.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 36.62 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

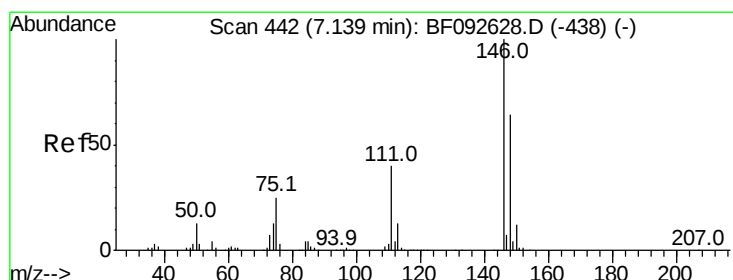
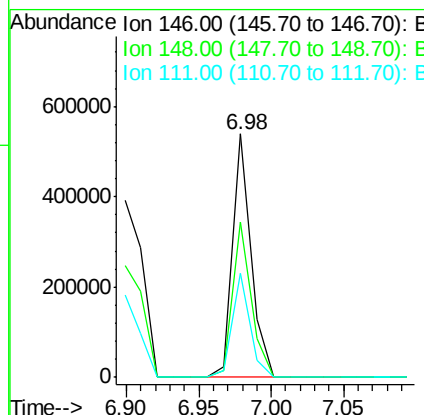
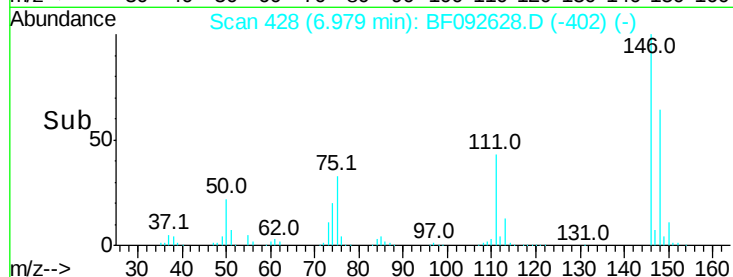
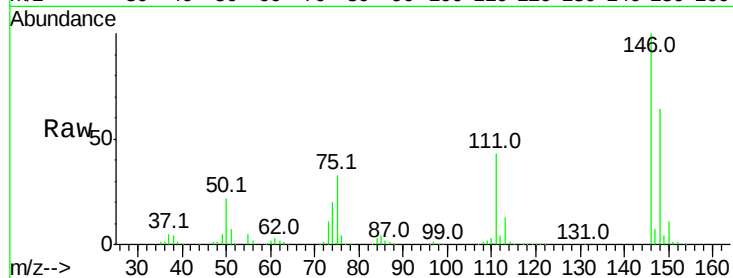
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	475411
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	42.6	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 38.62 ng

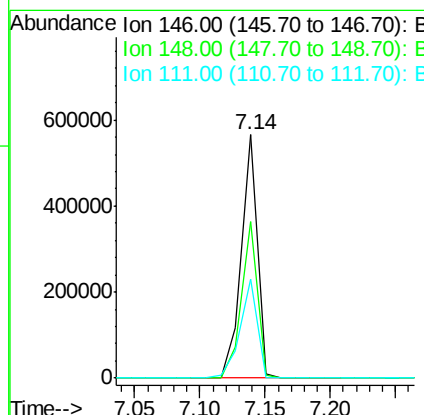
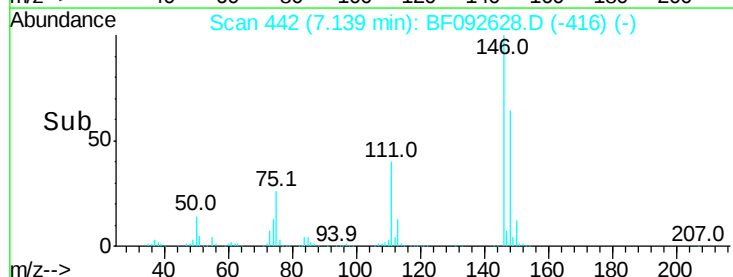
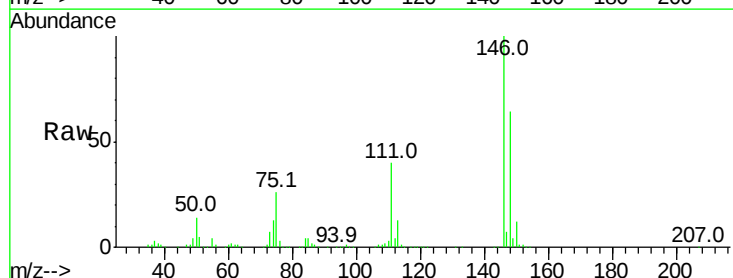
RT: 7.14 min Scan# 442

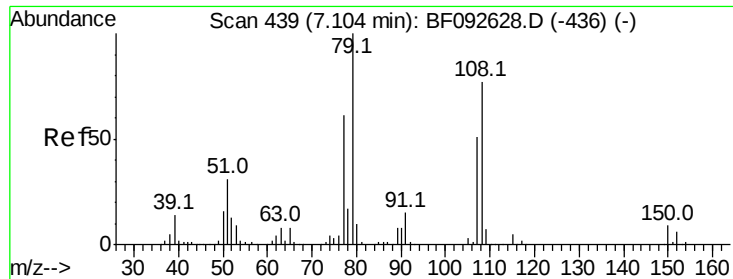
Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion:	146	Resp:	475652
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	40.4	36.2	54.2





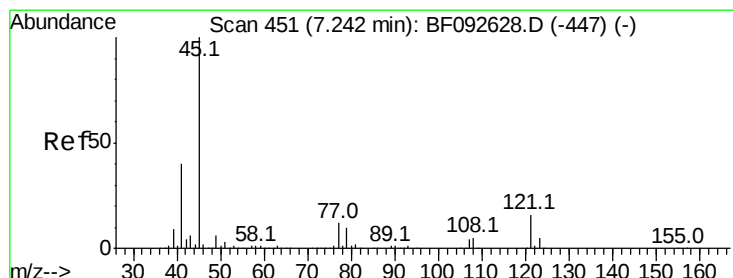
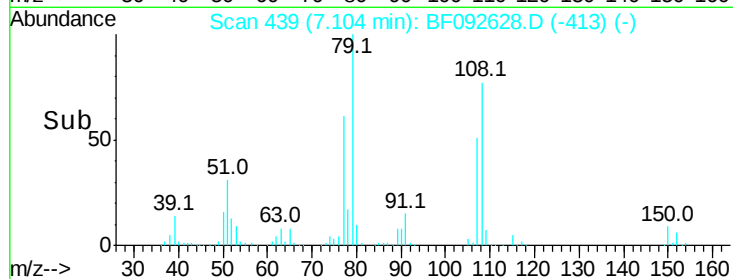
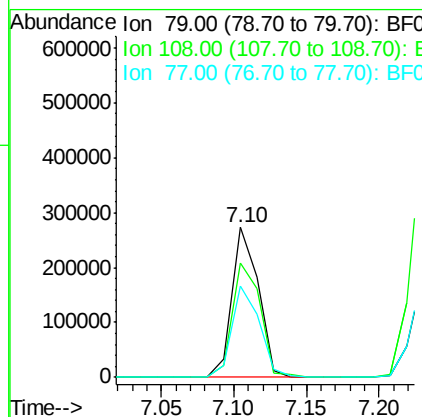
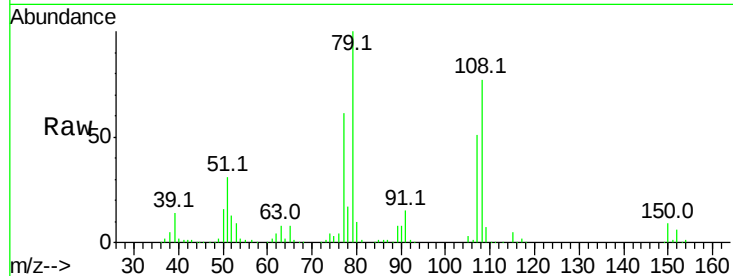
#15
Benzyl Alcohol
Concen: 34.80 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 79 Resp: 346819
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.3 50.9 76.3

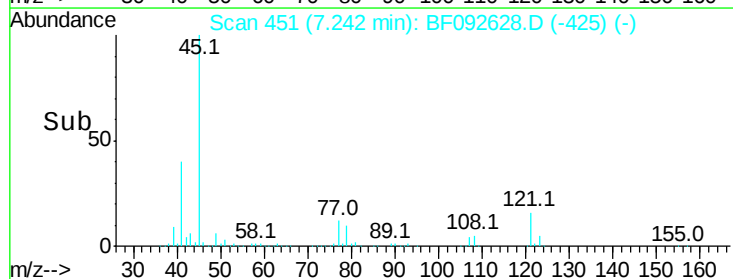
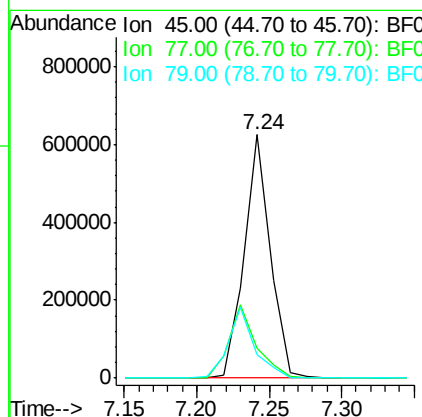
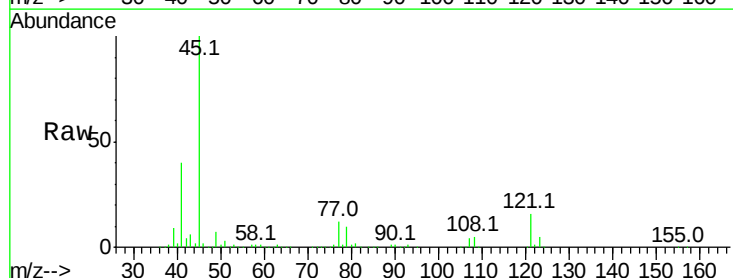
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.81 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion: 45 Resp: 775159
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.6
79 9.8 0.0 31.2





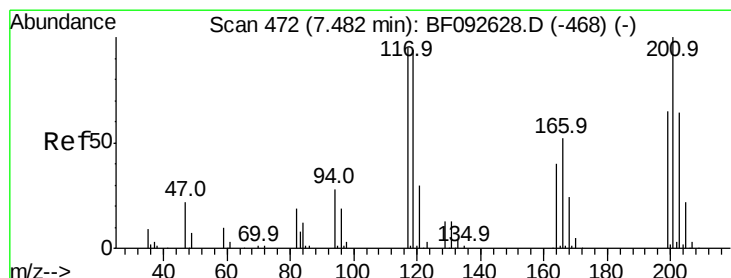
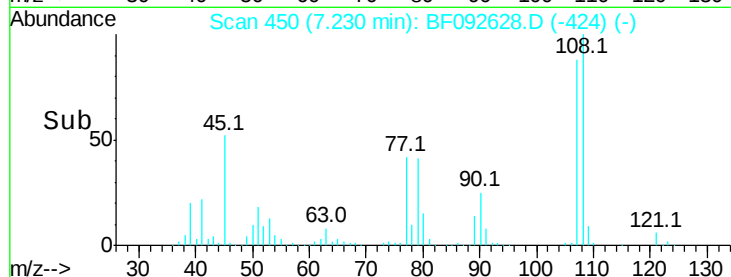
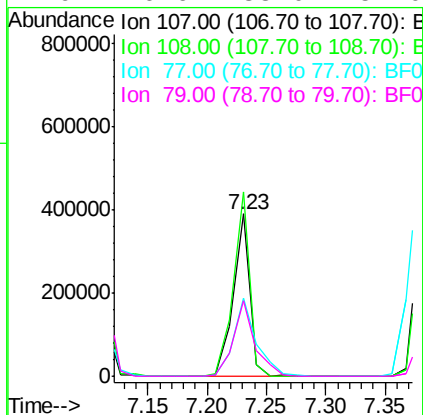
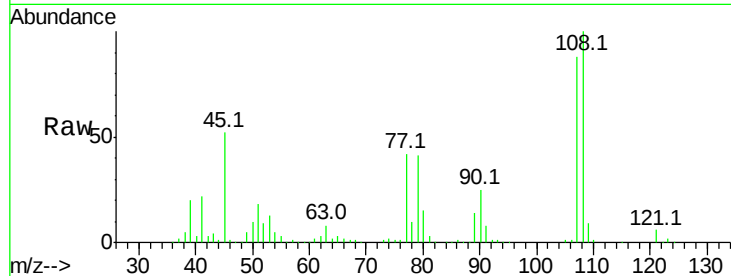
#17
2-Methylphenol
Concen: 40.11 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	93.0	139.6	
77	48.3	39.8	59.8	
79	46.6	38.0	57.0	

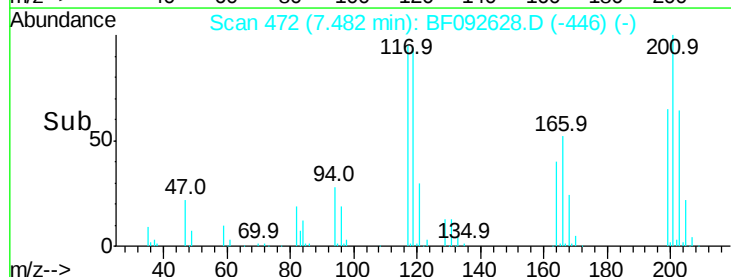
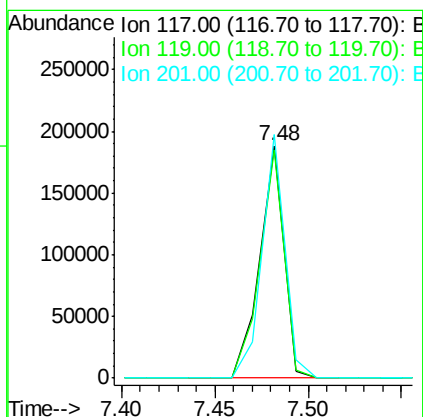
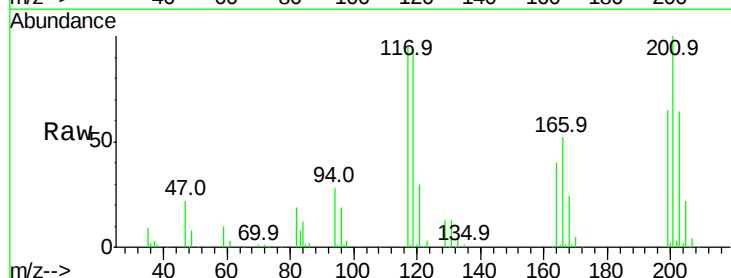
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#18
Hexachloroethane
Concen: 37.72 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.1	117.1	
201	104.7	78.6	117.8	





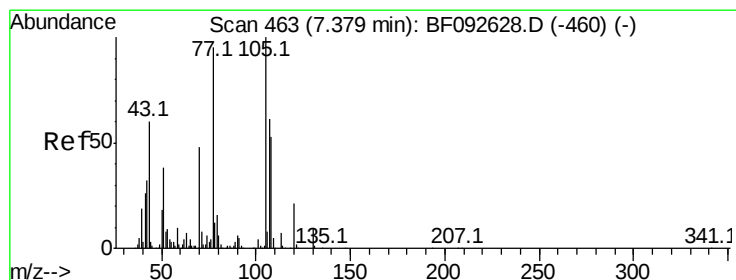
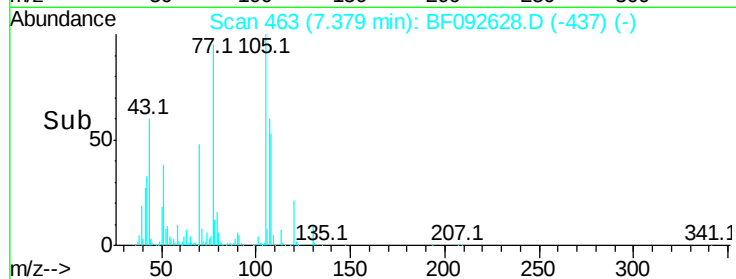
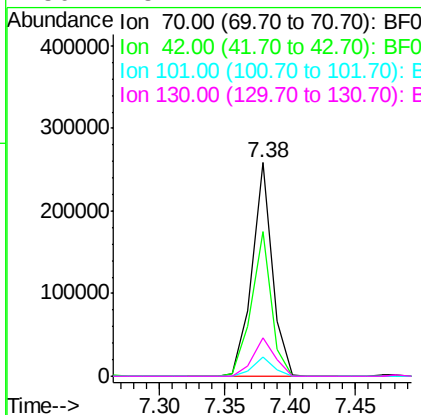
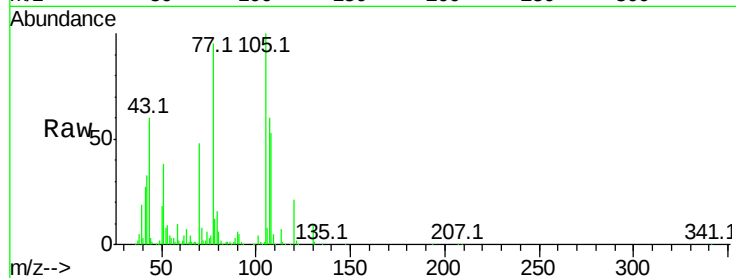
#19
n-Nitroso-di-n-propylamine
Concen: 31.20 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.8	49.4	74.0
101	8.8	7.4	11.2
130	18.1	14.2	21.4

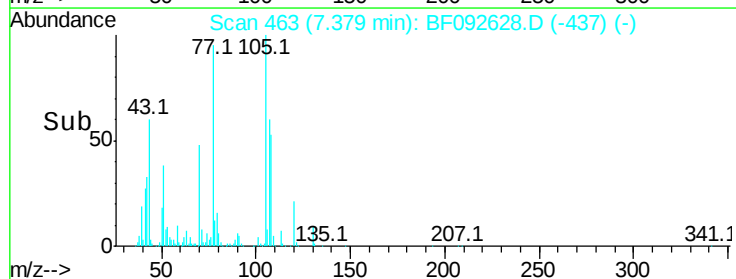
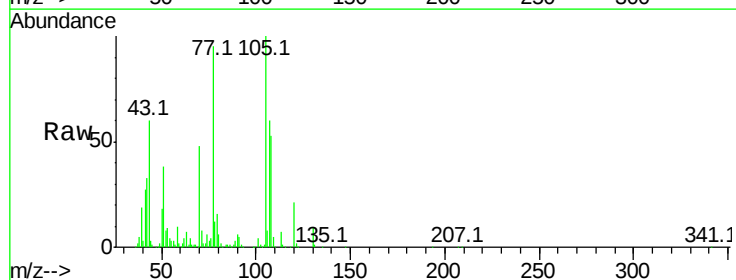
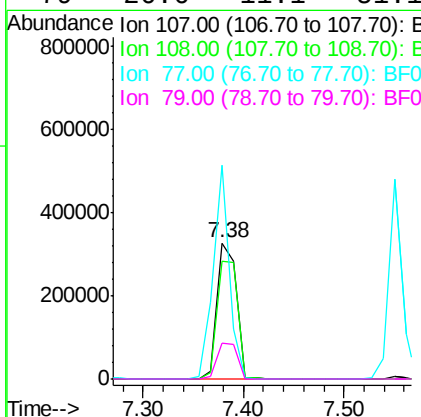
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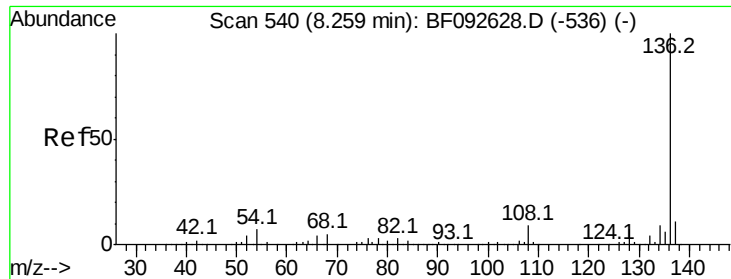
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#20
3+4-Methylphenols
Concen: 38.60 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	73.0	113.0
77	157.4	71.3	111.3#
79	26.6	11.1	51.1





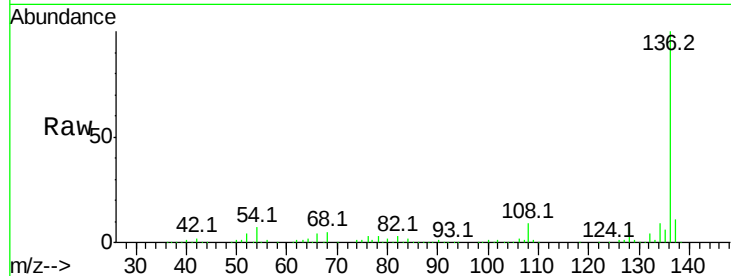
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.3	4.5	6.7
68	5.3	3.6	5.4

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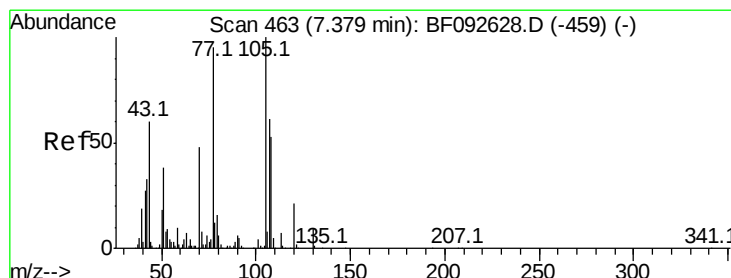
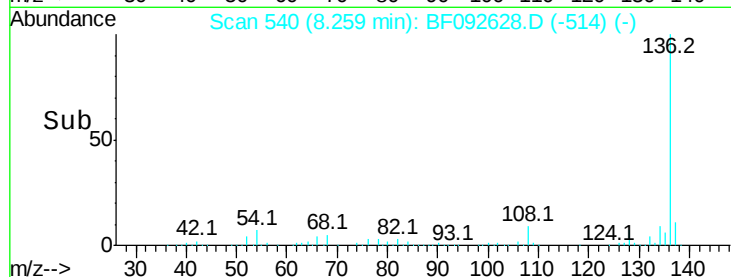
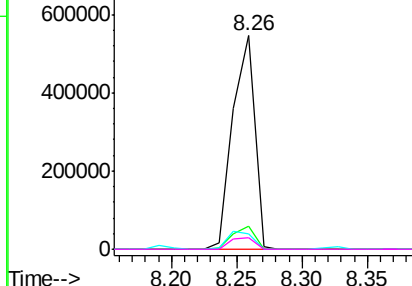
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.25 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	3.2	4.8
51	38.2	26.2	39.4
120	21.2	16.6	24.8

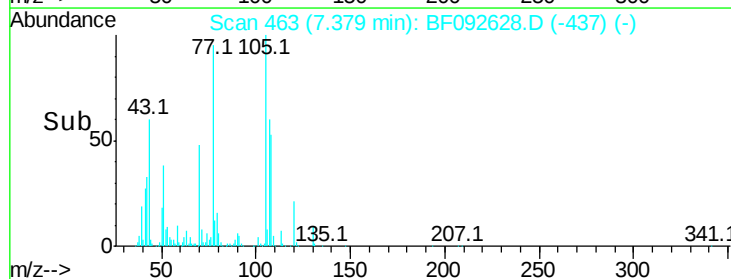
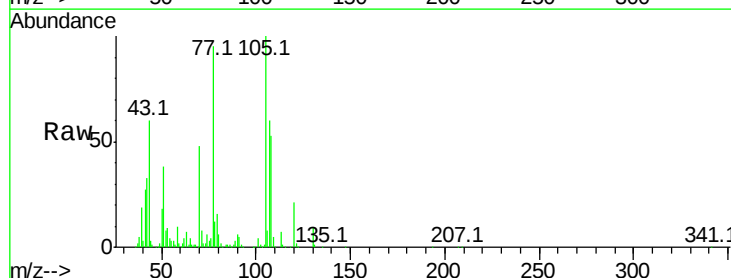
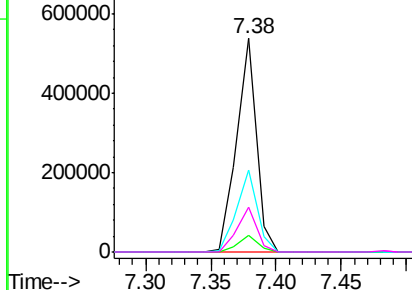
Abundance

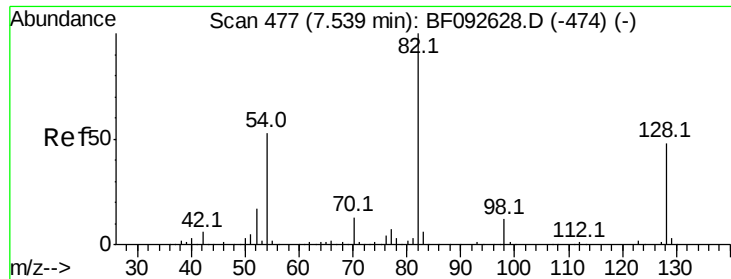
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





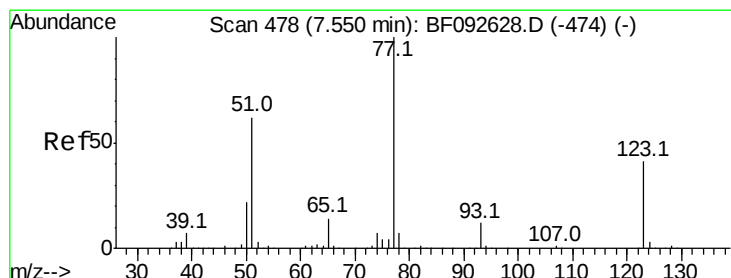
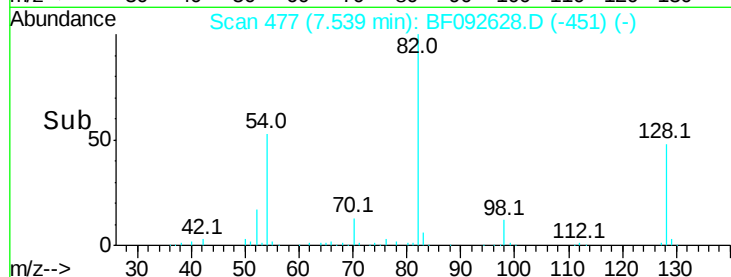
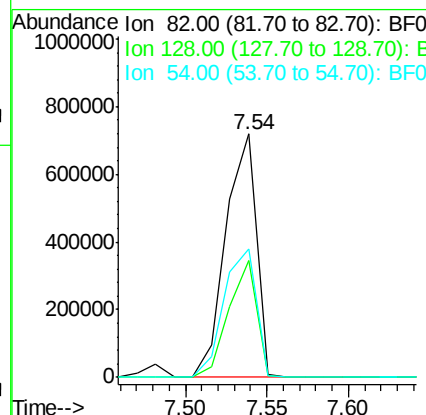
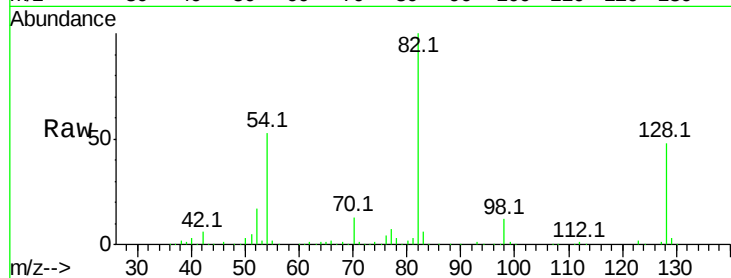
#23
 Nitrobenzene-d5
 Concen: 79.35 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	52.0
54	53.0	39.5	59.3

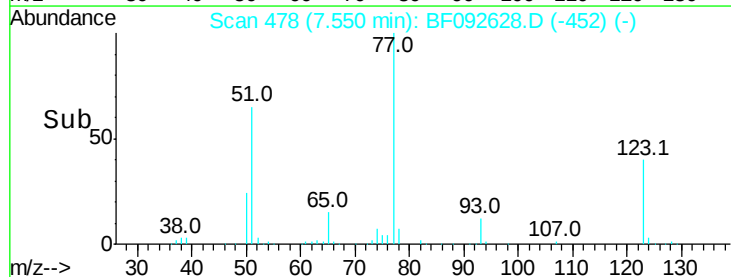
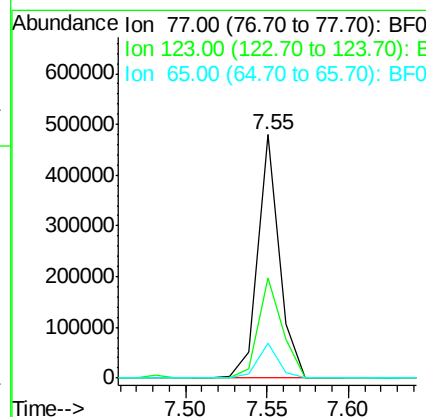
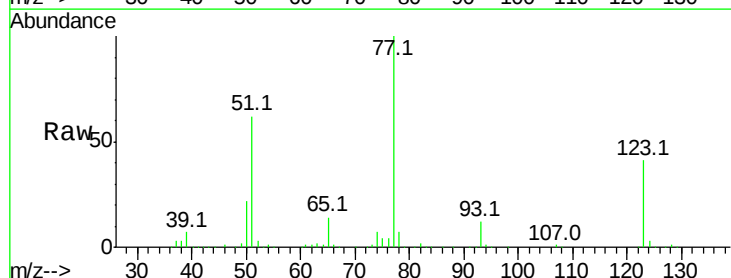
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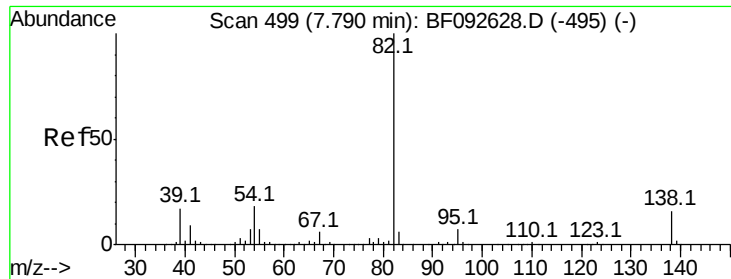
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#24
 Nitrobenzene
 Concen: 35.94 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	33.0	49.4
65	14.5	11.2	16.8





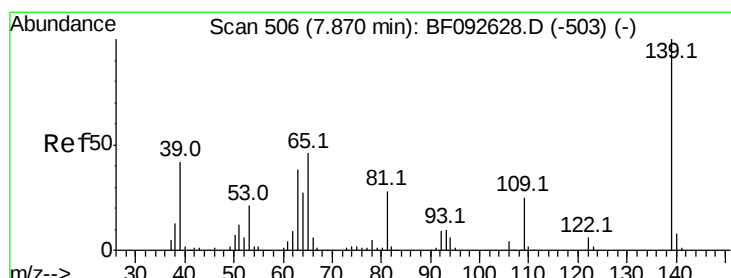
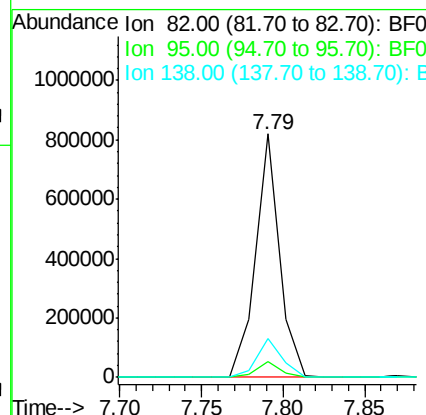
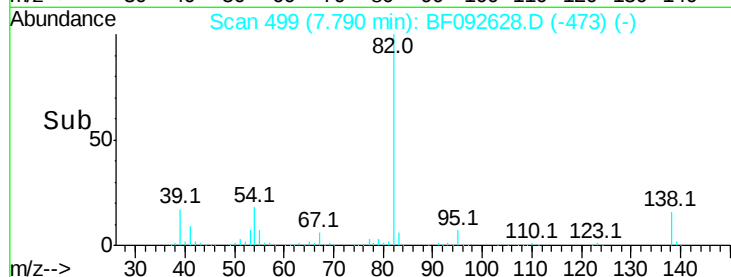
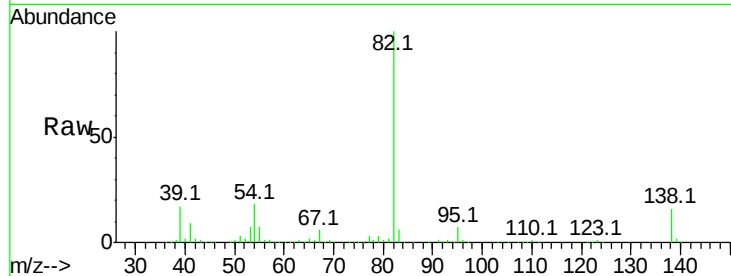
#25
Isophorone
Concen: 36.32 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	835011		
95	6.6		5.6	8.4
138	15.9		14.6	22.0

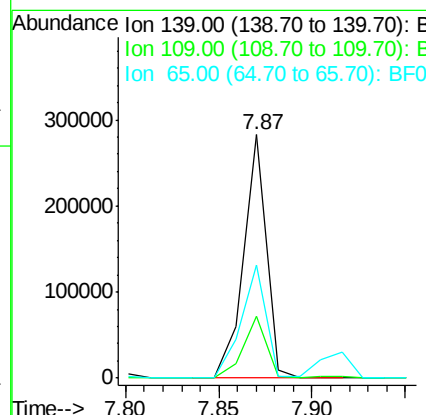
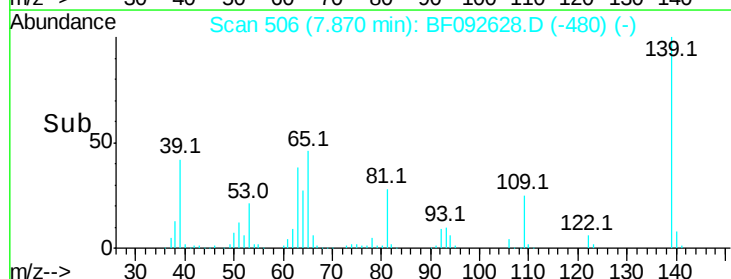
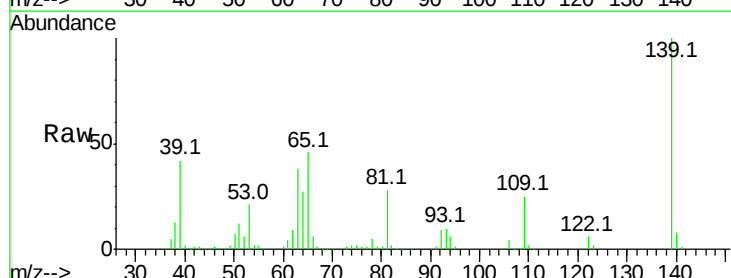
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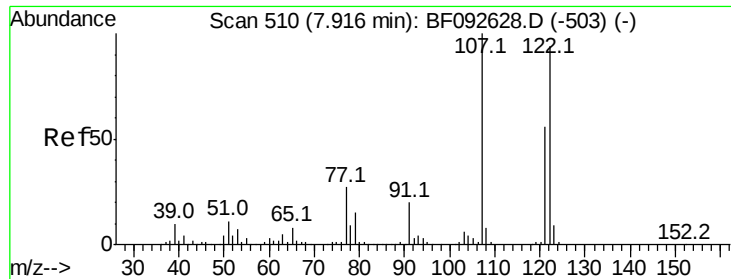
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#26
2-Nitrophenol
Concen: 47.33 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	242415		
109	25.3		23.3	34.9
65	46.3		42.7	64.1





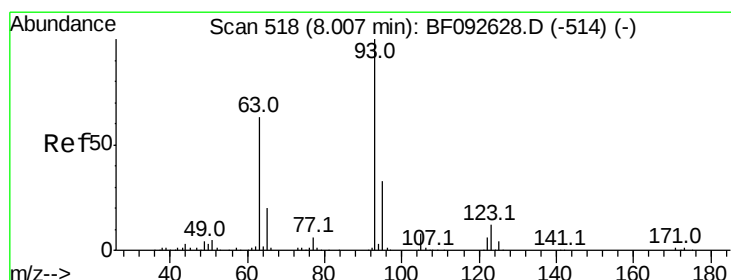
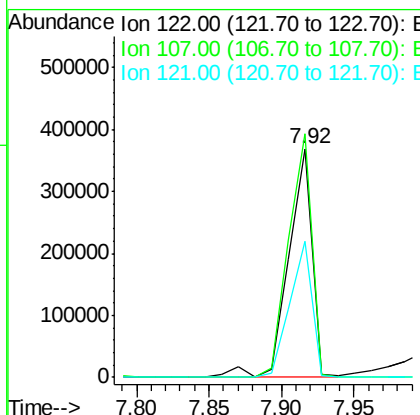
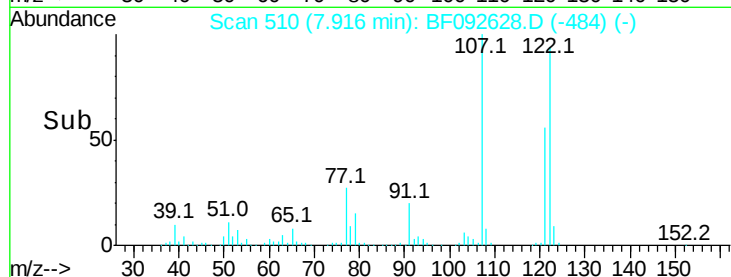
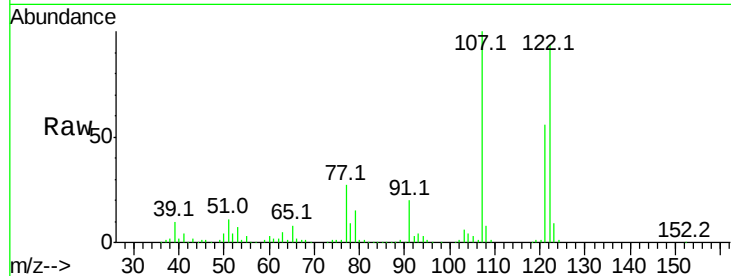
#27
2,4-Dimethylphenol
Concen: 38.73 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.7	94.1	141.1
121	59.6	46.0	69.0

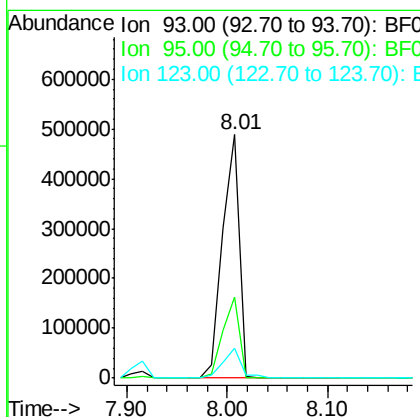
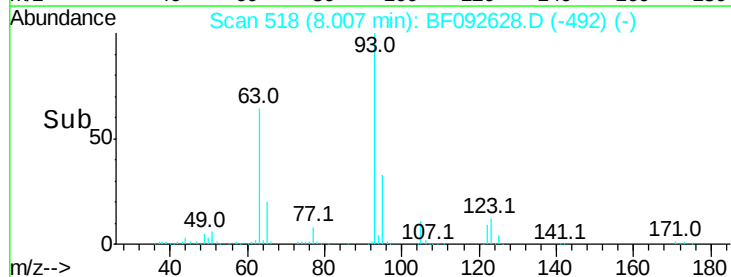
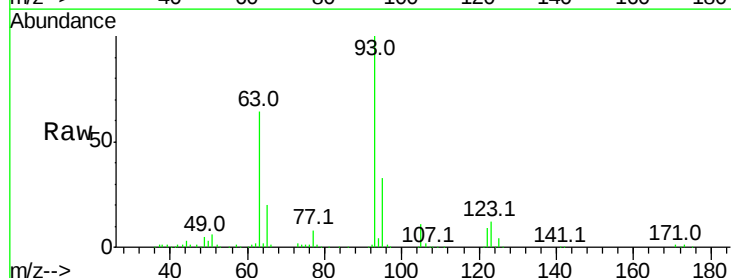
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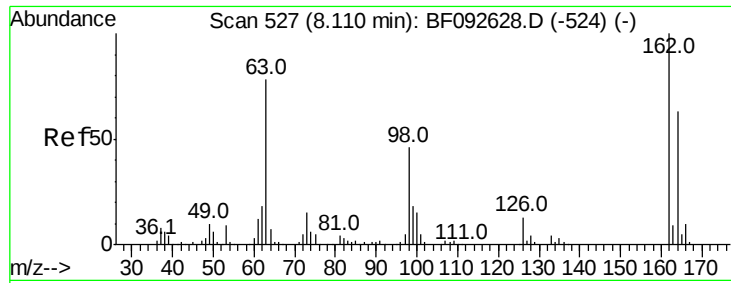
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#28
bis(2-Chloroethoxy)methane
Concen: 37.31 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	12.0	8.6	13.0





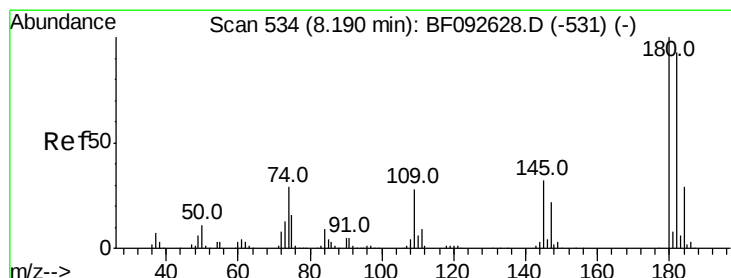
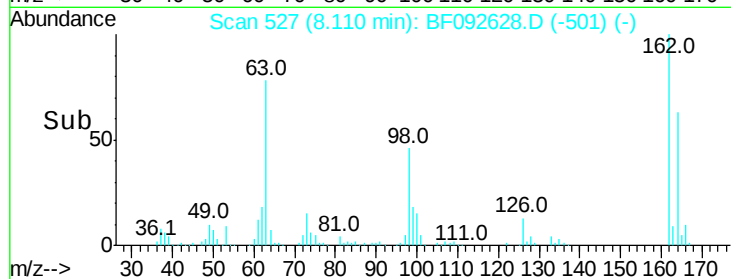
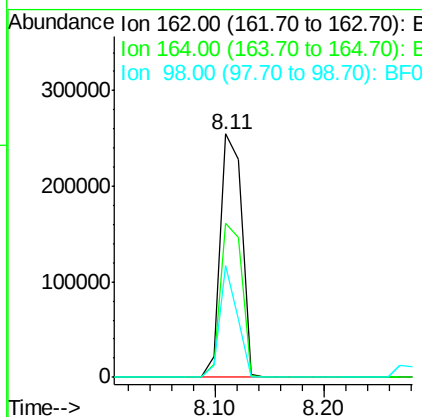
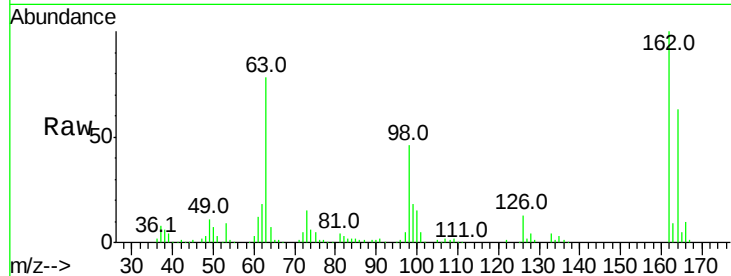
#29
 2,4-Dichlorophenol
 Concen: 37.90 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	46.8	86.8
98	46.1	9.1	49.1

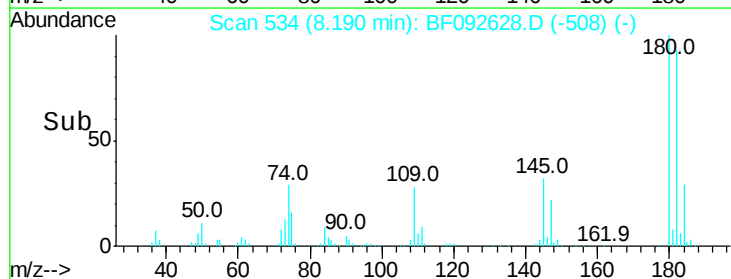
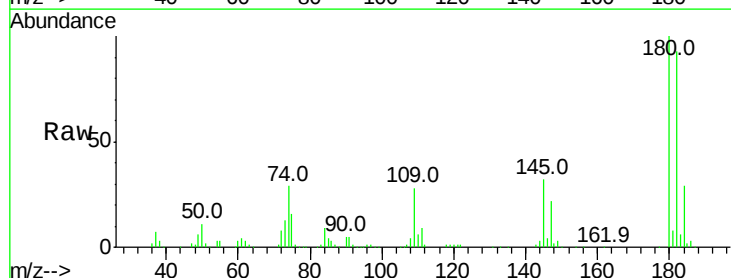
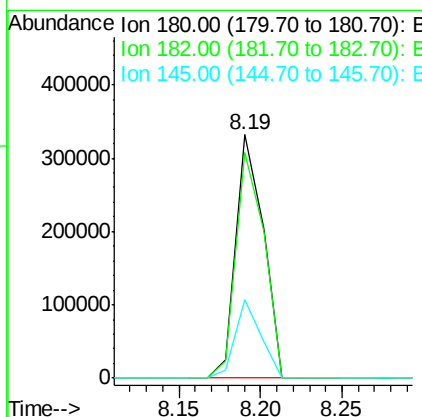
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.64 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	78.2	117.4
145	32.1	21.6	32.4





#31

Naphthalene

Concen: 38.50 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1255703

Ion Ratio Lower Upper

128 100

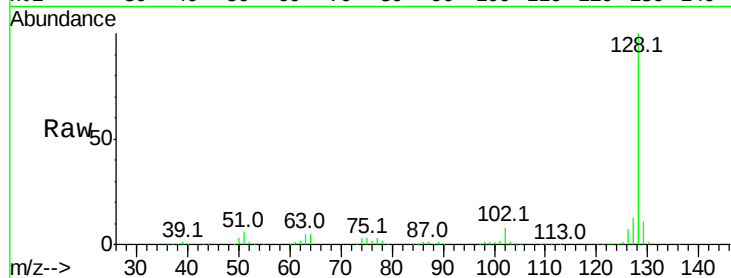
129 10.7 9.5 14.3

127 13.4 10.8 16.2

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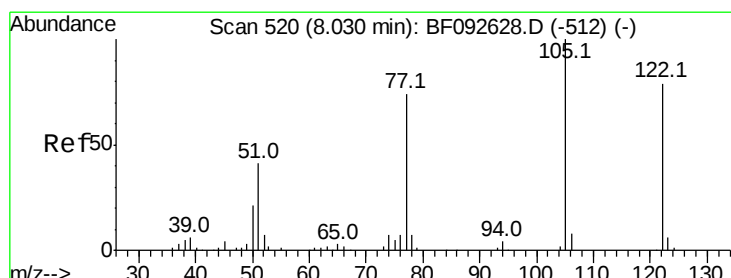
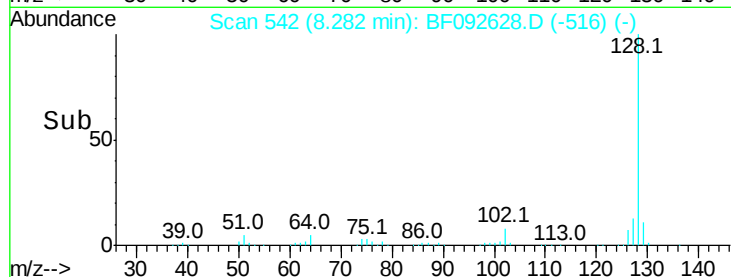
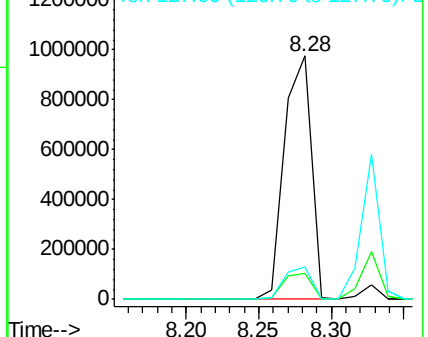
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.91 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

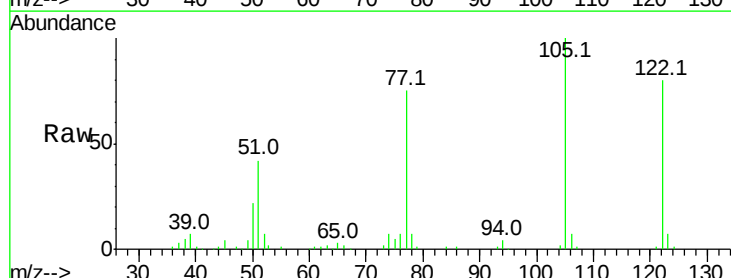
Tgt Ion:122 Resp: 220304

Ion Ratio Lower Upper

122 100

105 124.6 107.2 147.2

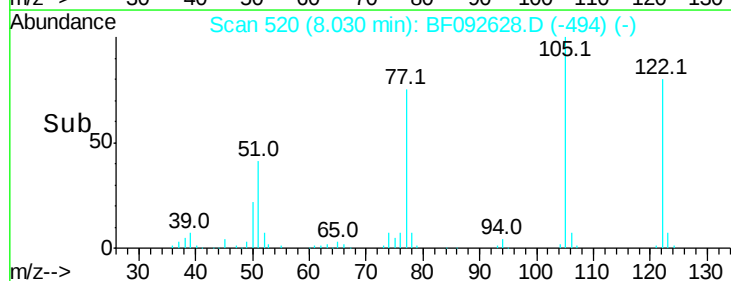
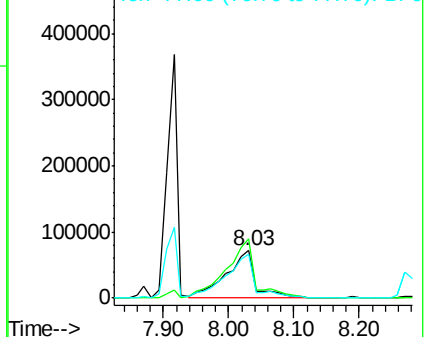
77 93.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





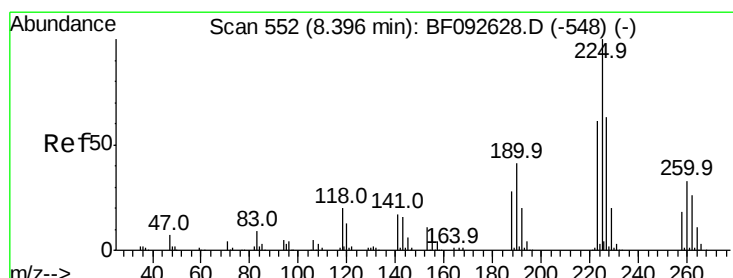
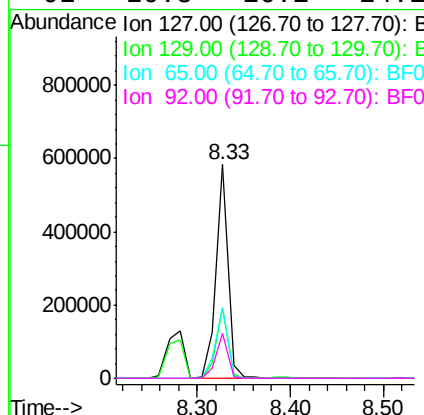
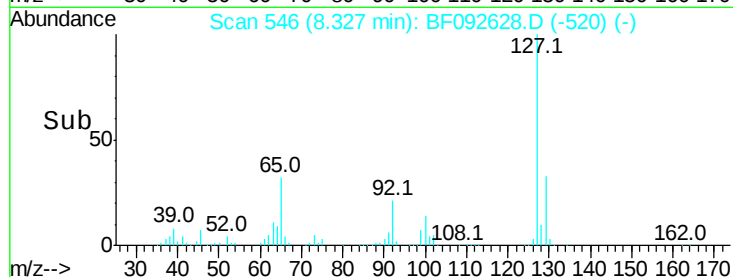
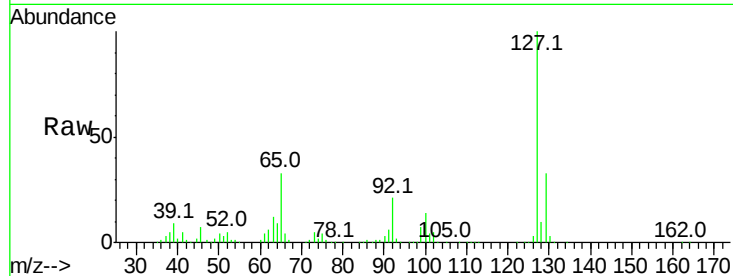
#33
4-Chloroaniline
Concen: 37.53 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	32.9	25.8	38.8
92	20.8	16.1	24.1

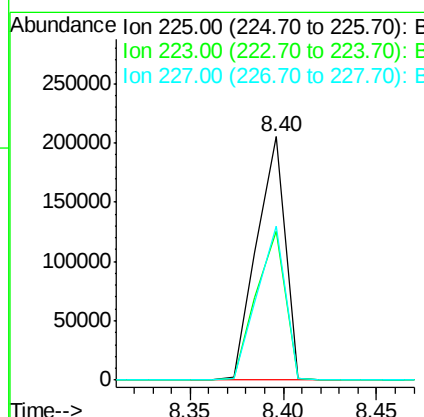
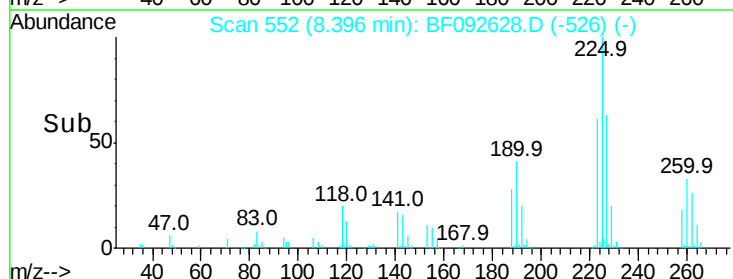
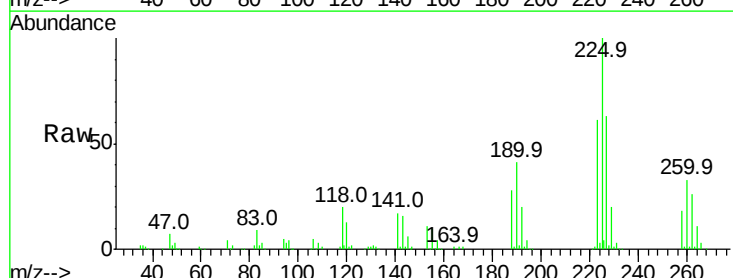
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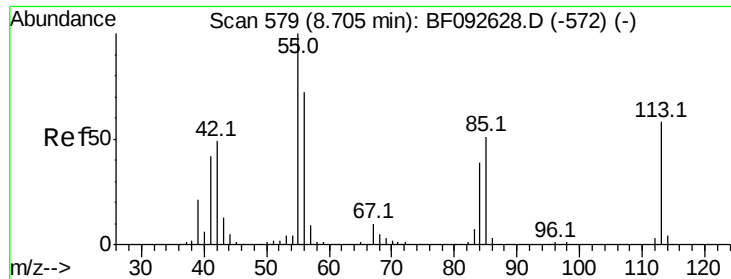
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#34
Hexachlorobutadiene
Concen: 39.79 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.6
227	63.5	50.6	76.0





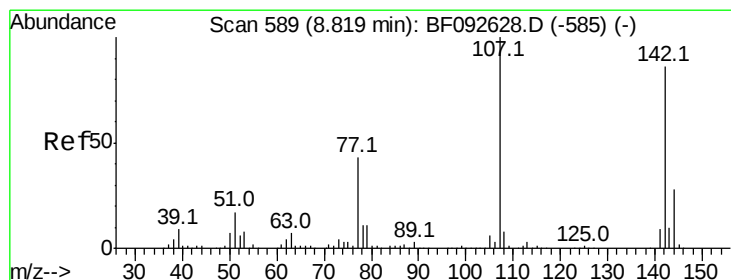
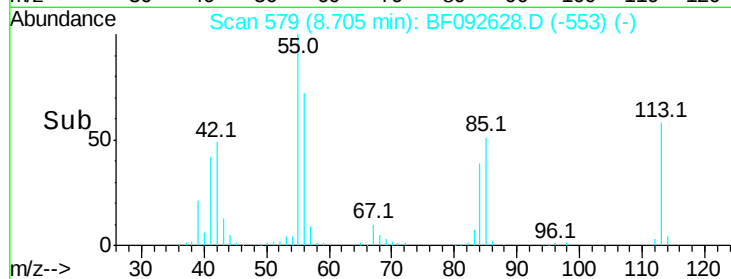
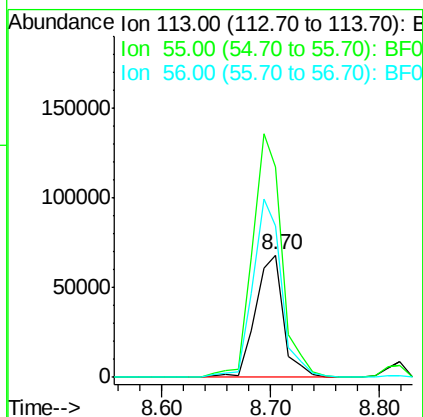
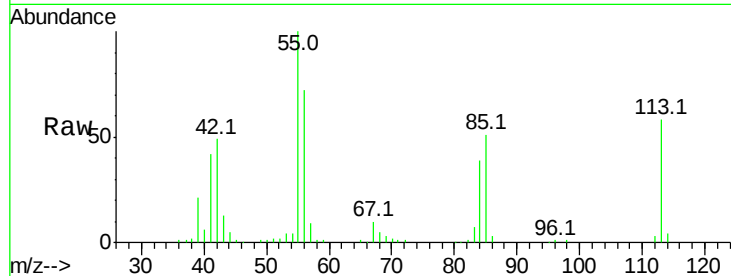
#35
 Caprolactam
 Concen: 39.91 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.0	119.2	159.2#
56	123.2	83.8	123.8

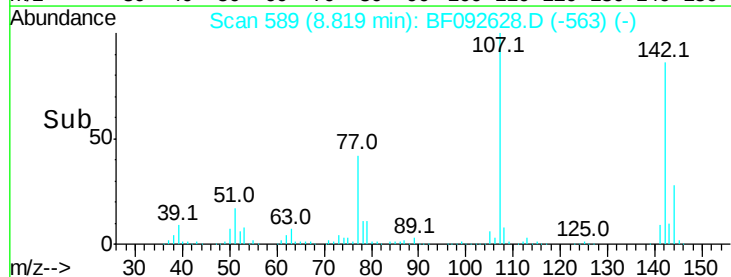
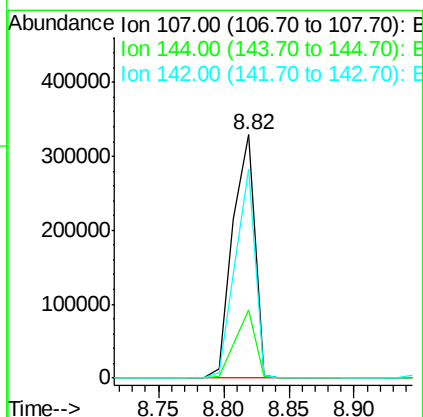
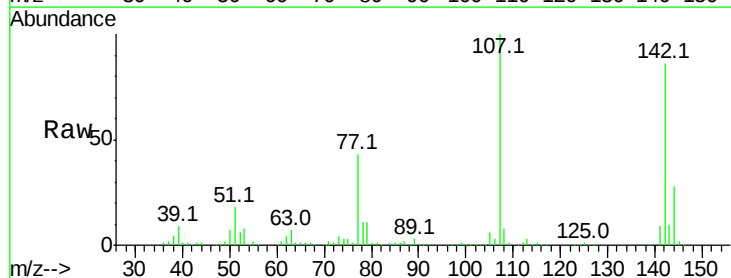
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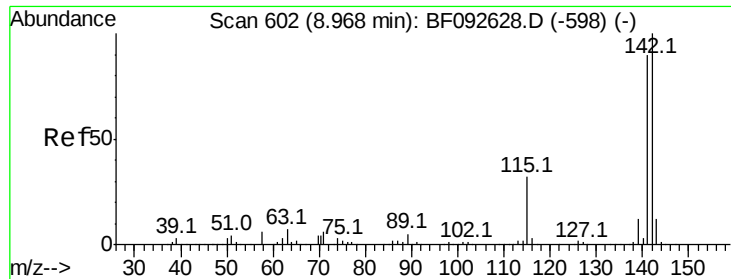
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#36
 4-Chloro-3-methylphenol
 Concen: 38.87 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	19.3	28.9
142	86.0	59.0	88.6





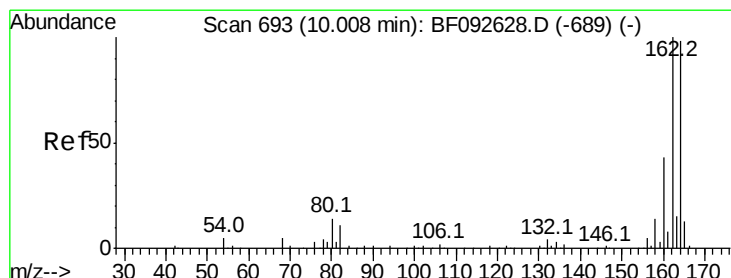
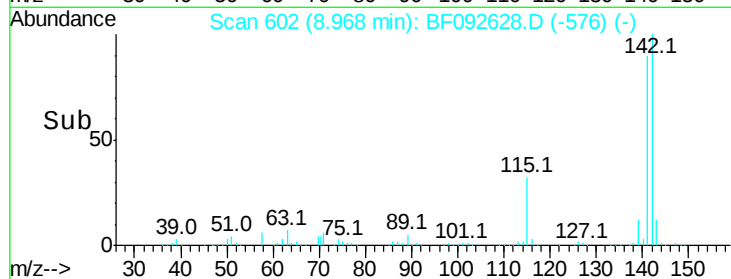
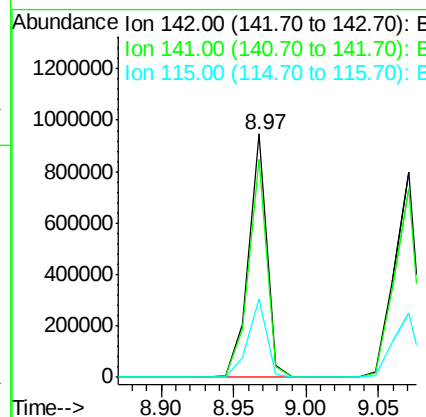
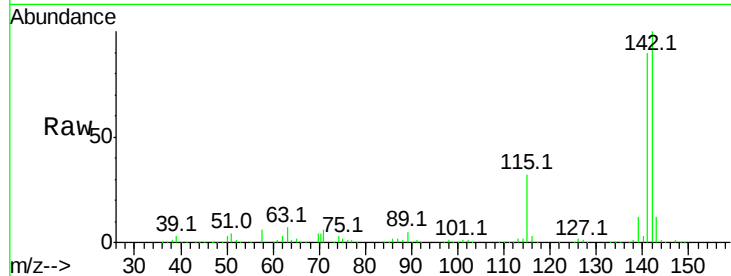
#37
2-Methylnaphthalene
Concen: 40.17 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	32.4	28.3	42.5

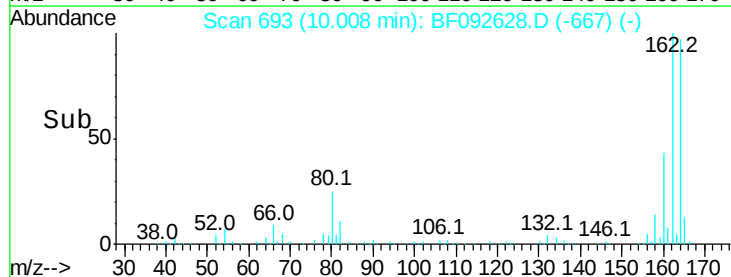
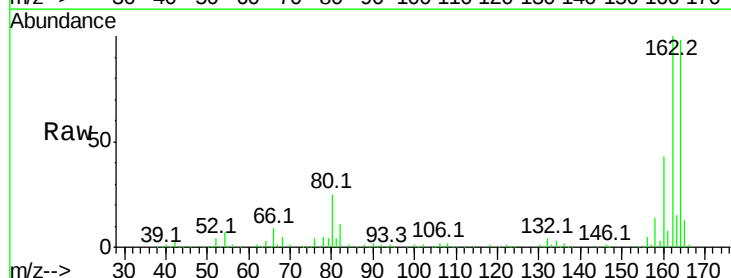
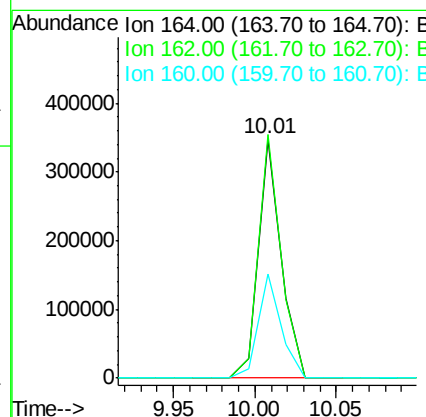
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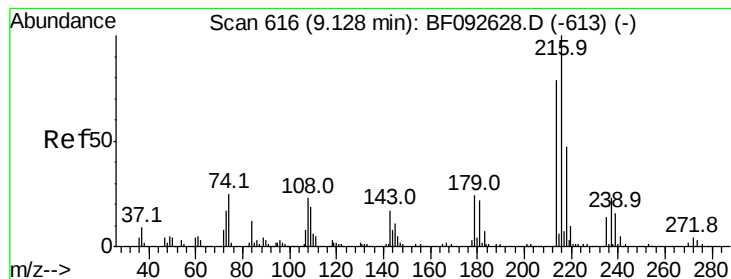
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	43.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.84 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

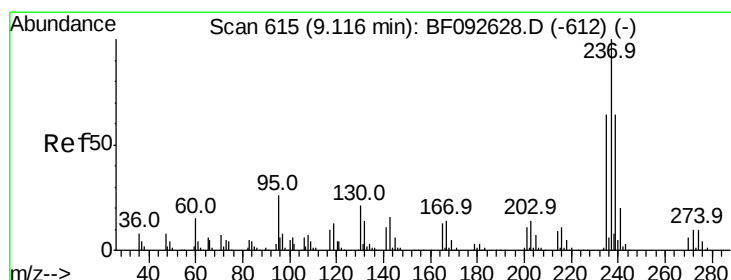
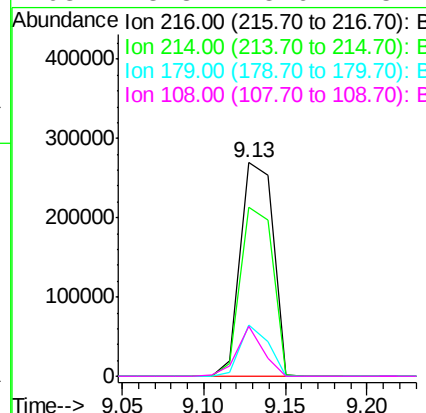
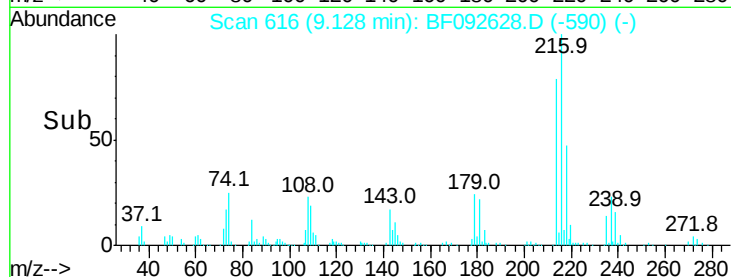
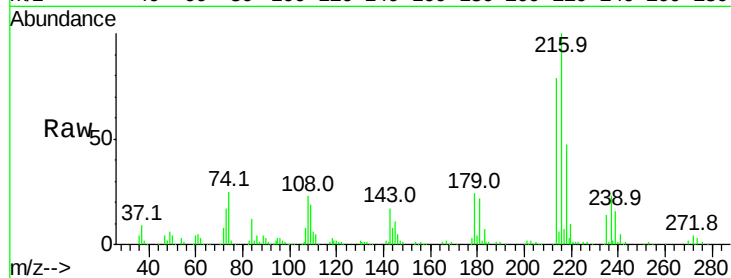
ClientSampleId :

SSTDICCC040

Tot Ion:	216	Resp:	373169
Ion Ratio		Lower	Upper
216	100		
214	78.5	63.4	95.0
179	20.9	17.4	26.2
108	18.3	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 40.54 ng

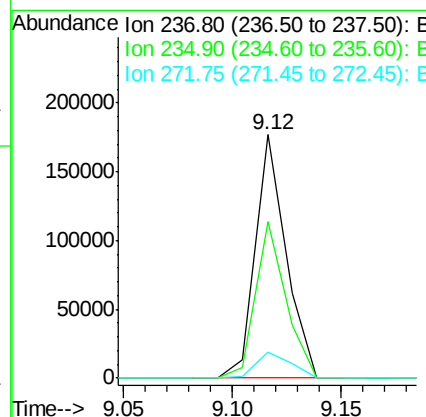
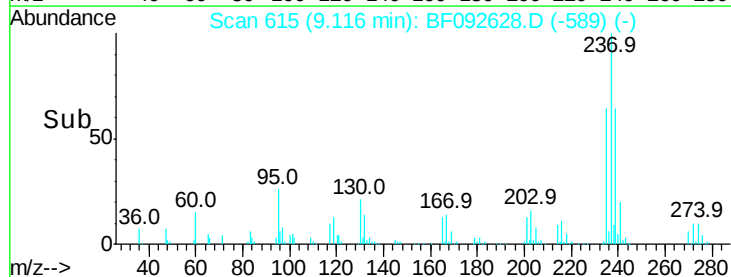
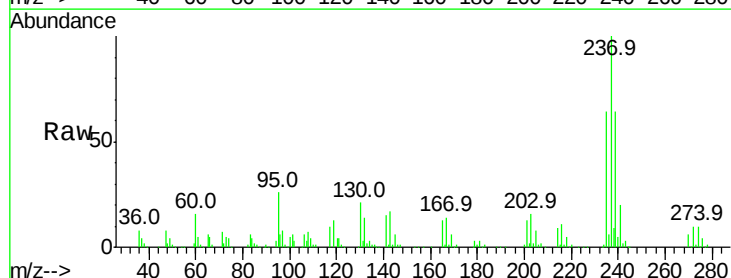
RT: 9.12 min Scan# 615

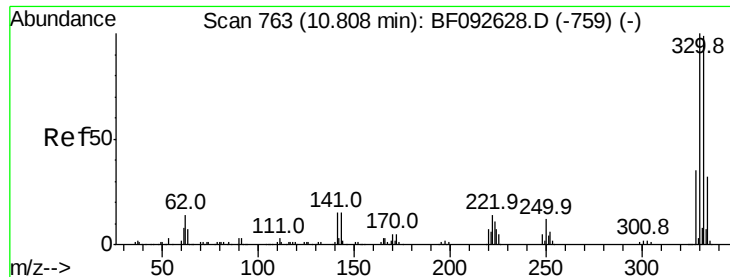
Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion:	237	Resp:	172794
Ion Ratio		Lower	Upper
237	100		
235	64.2	41.2	81.2
272	10.4	0.0	35.4





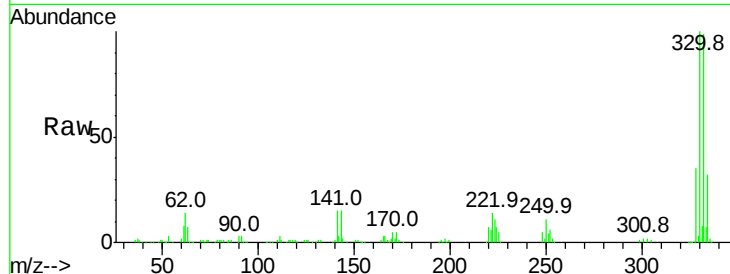
#41
 2,4,6-Tribromophenol
 Concen: 91.95 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

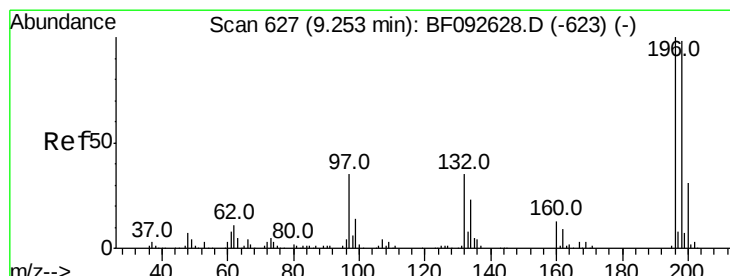
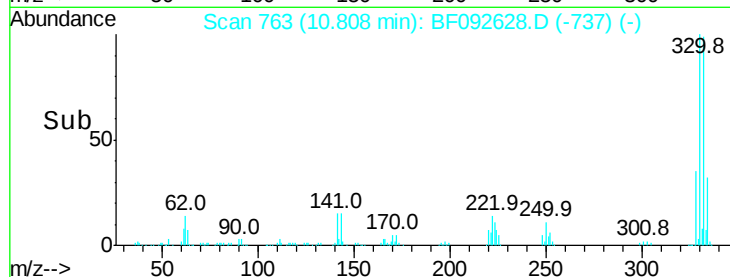
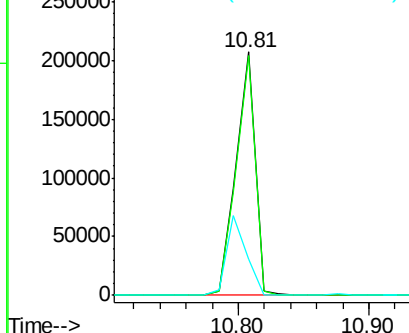
Tot Ion	Ratio	Resp	Lower	Upper
330	100	211447		
332	97.9	77.4	116.2	
141	33.9	34.1	51.1#	

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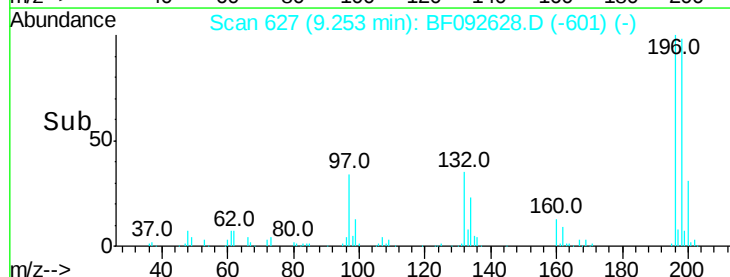
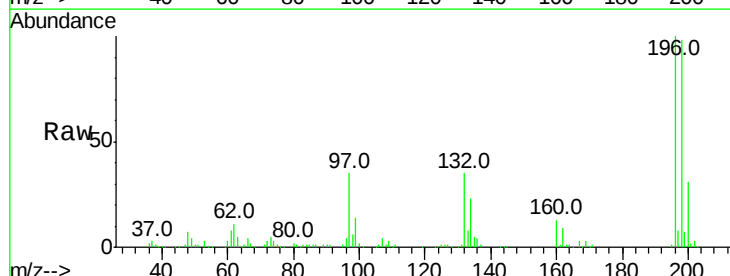
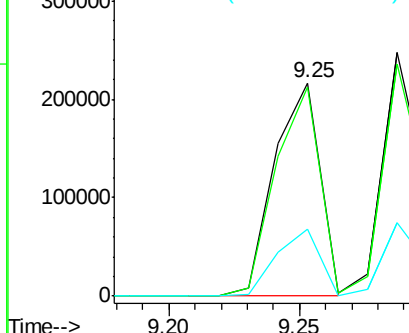
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

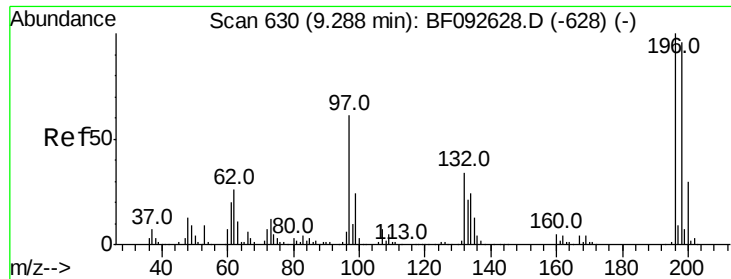


#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263676		
198	97.9	82.1	123.1	
200	31.4	27.0	40.4	

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





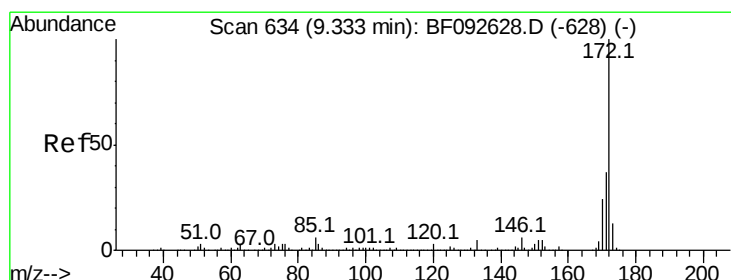
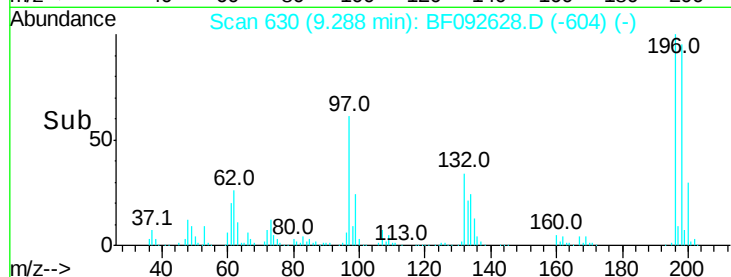
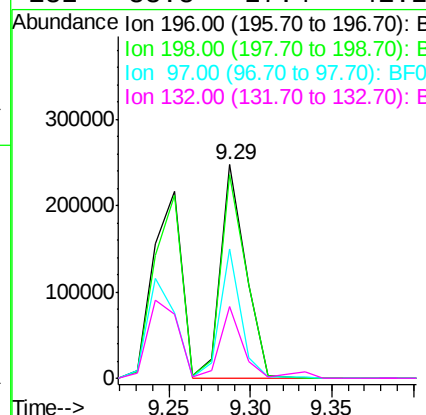
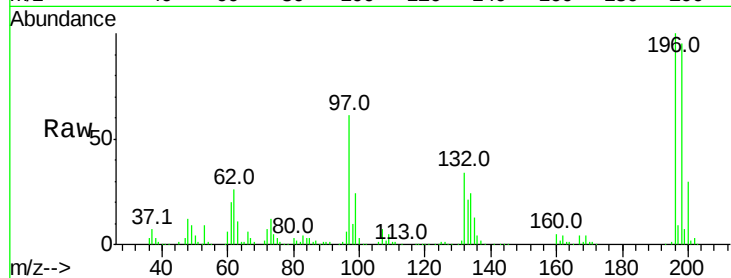
#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	196	Resp	263045
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.4	119.2
97	60.8	51.5	77.3
132	33.8	27.4	41.2

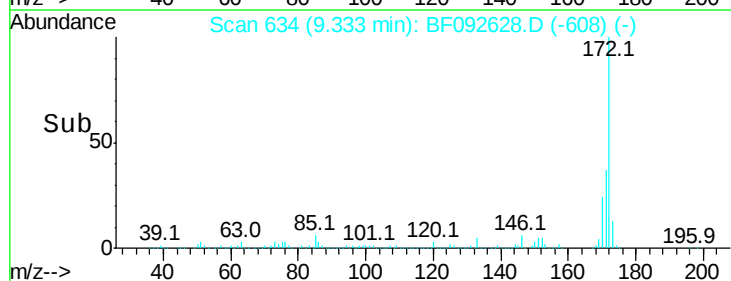
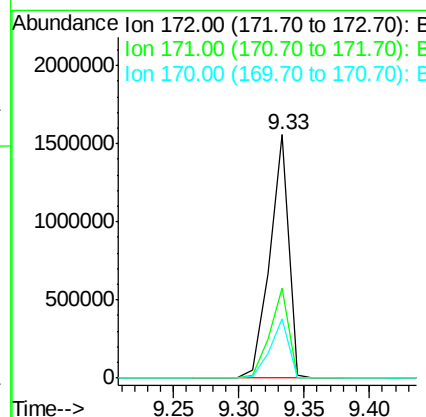
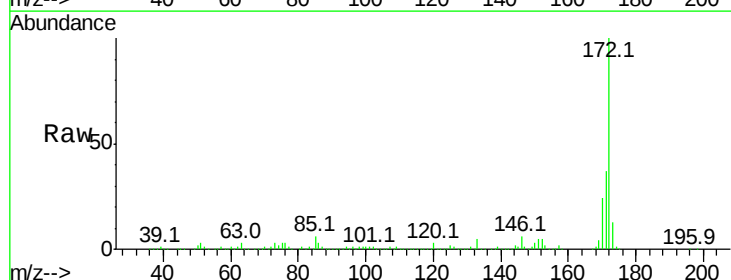
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	172	Resp	1573119
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	24.3	20.2	30.4





#45

1,1'-Biphenyl

Concen: 41.56 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1013811

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

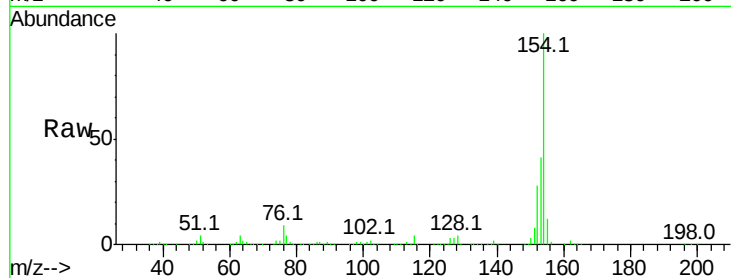
76 9.2 0.0 30.5

Manual Integrations

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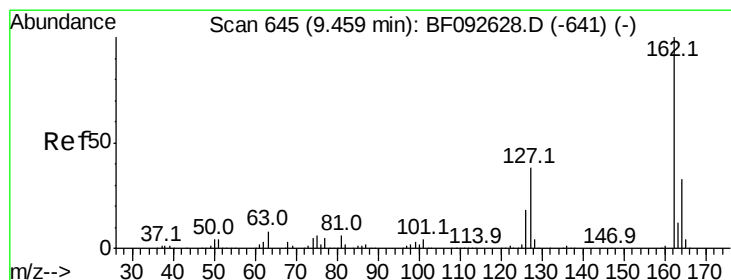
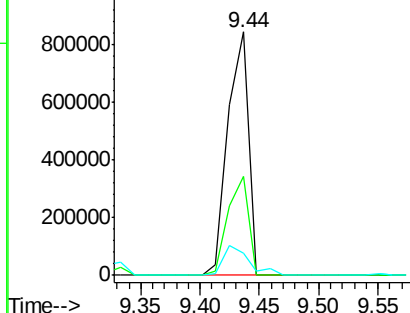
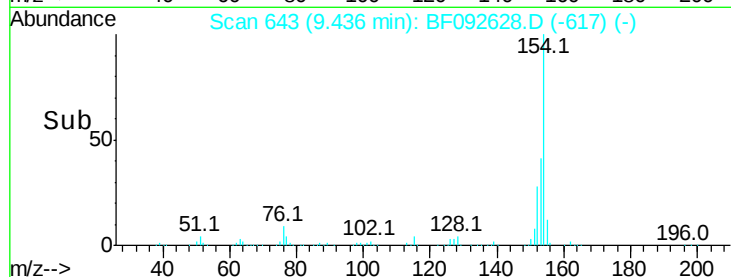
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.68 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

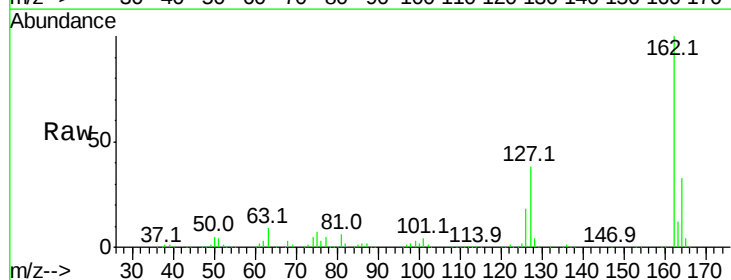
Tgt Ion:162 Resp: 810467

Ion Ratio Lower Upper

162 100

127 38.5 30.7 46.1

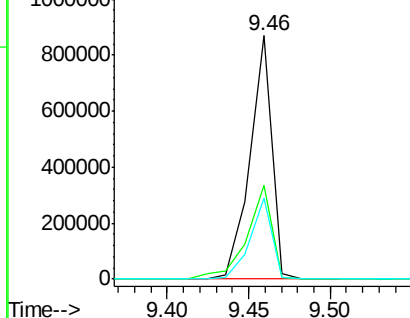
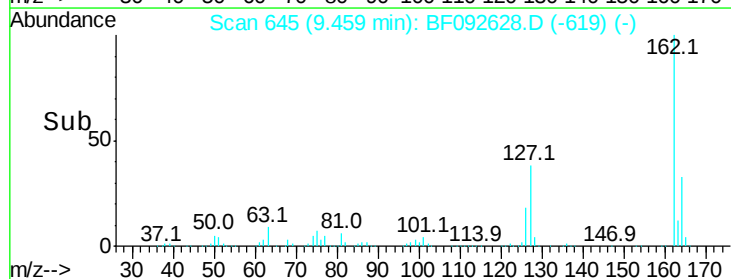
164 33.2 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





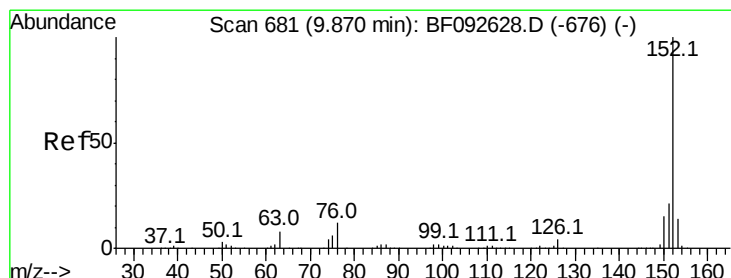
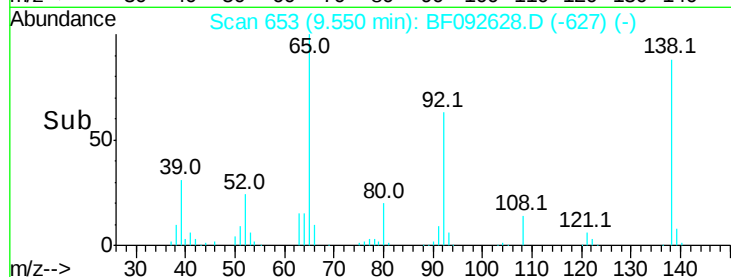
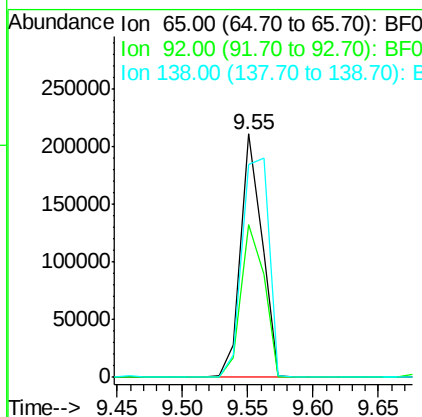
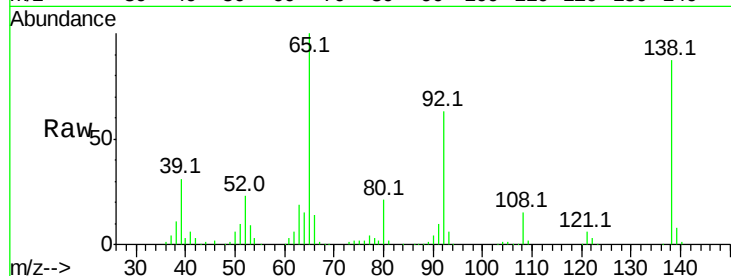
#47
2-Nitroaniline
Concen: 35.79 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	87.3	76.8	115.2

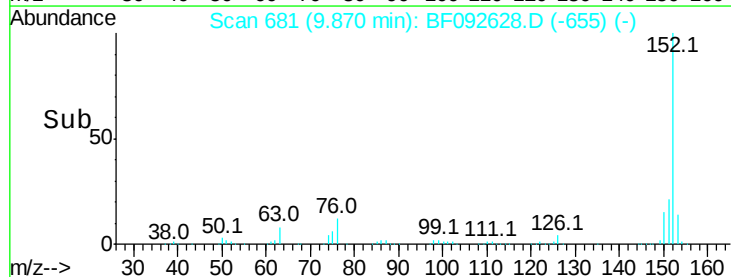
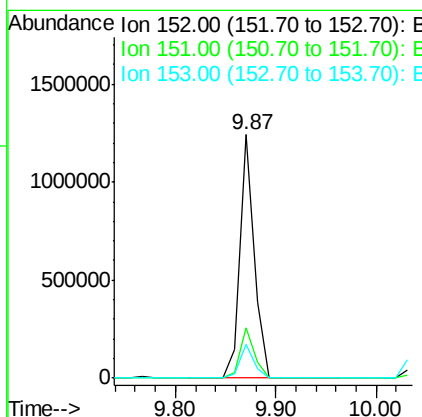
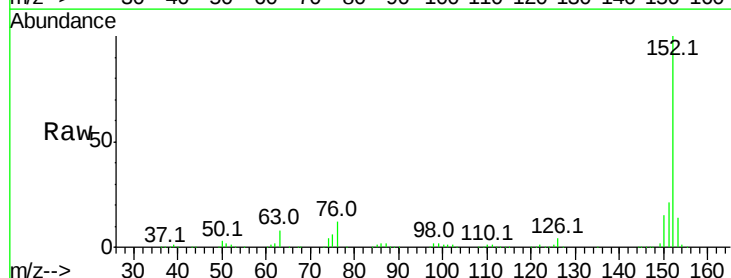
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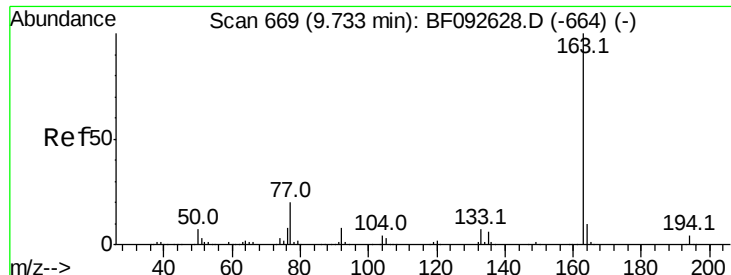
mohammad
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#48
Acenaphthylene
Concen: 41.93 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.4	17.2





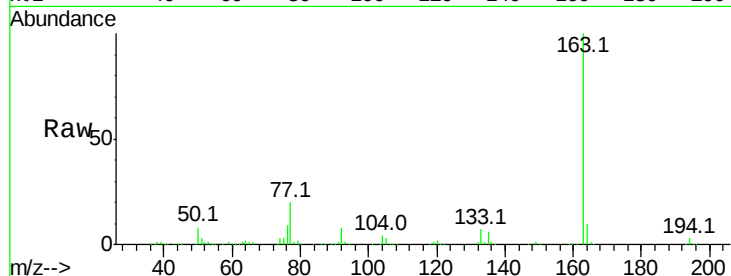
#49
Dimethylphthalate
Concen: 42.53 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

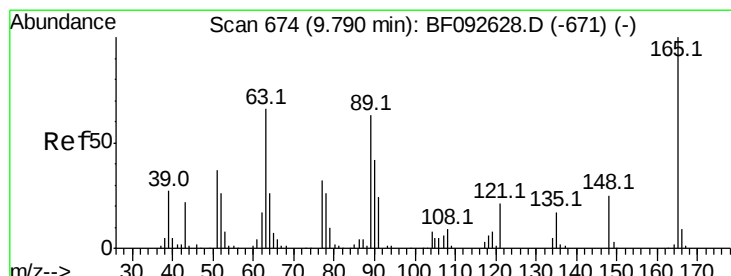
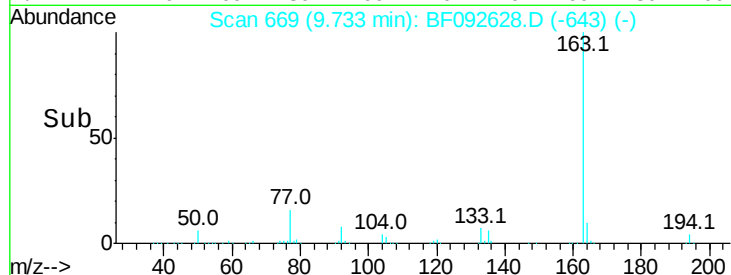
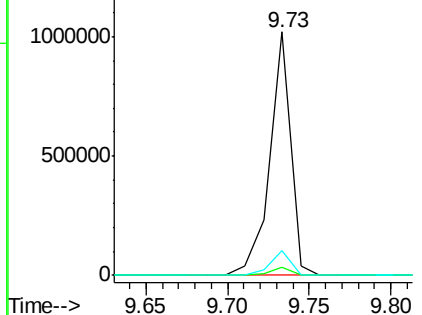
Tot Ion	Ratio	Resp	Lower	Upper
163	100	912647		
194	3.5		3.0	4.4
164	10.2		8.0	12.0

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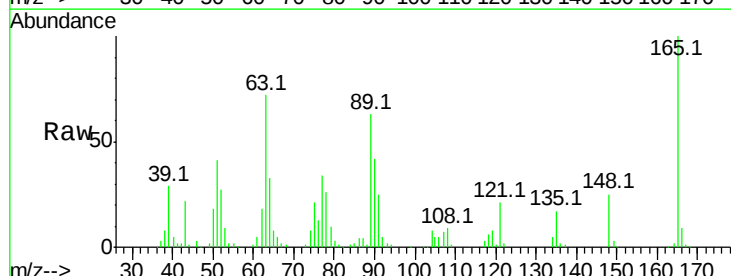


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

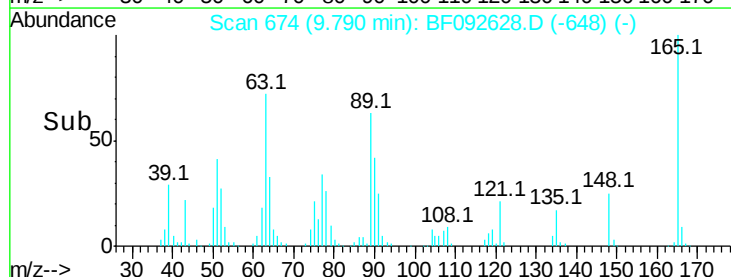
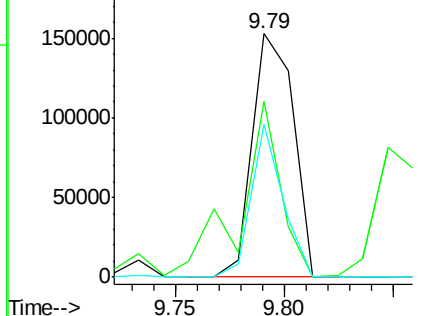


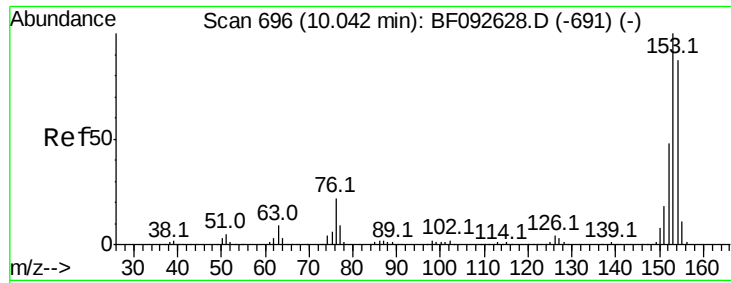
#50
2,6-Dinitrotoluene
Concen: 45.87 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	201199		
63	72.2		36.2	54.4#
89	62.6		40.2	60.4#



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





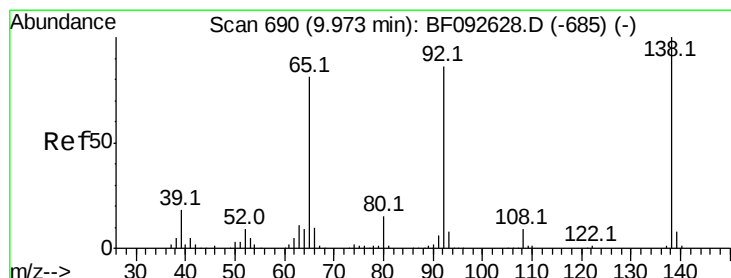
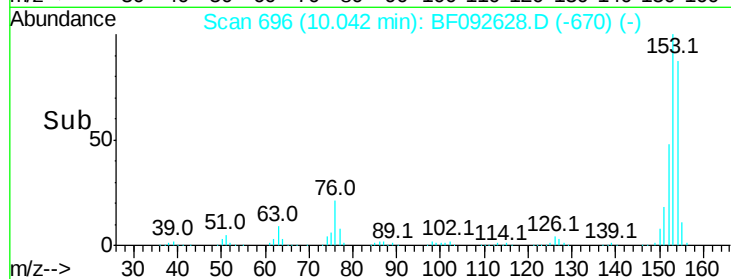
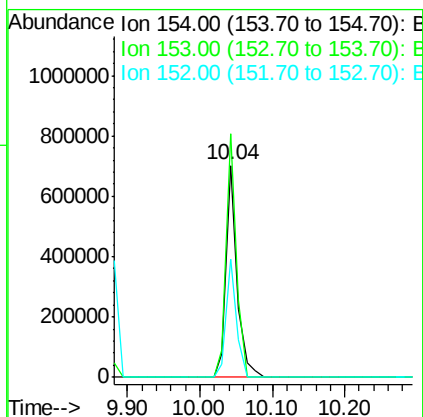
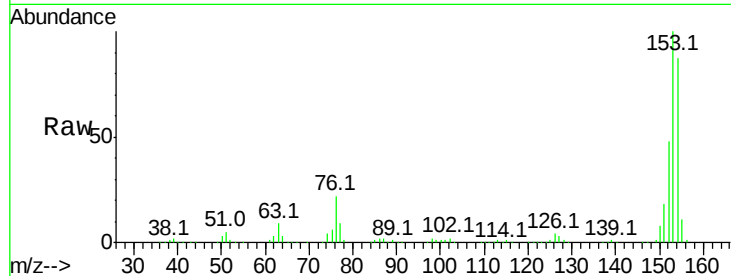
#51
Acenaphthene
Concen: 41.11 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	55.7	41.6	62.4

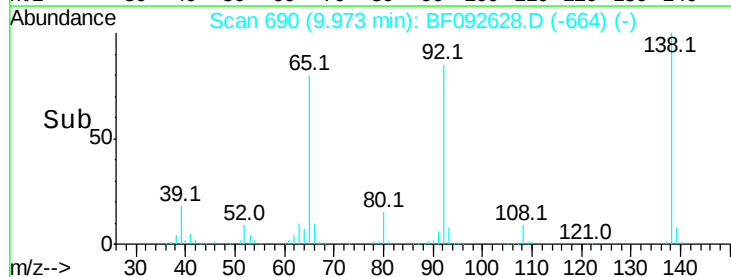
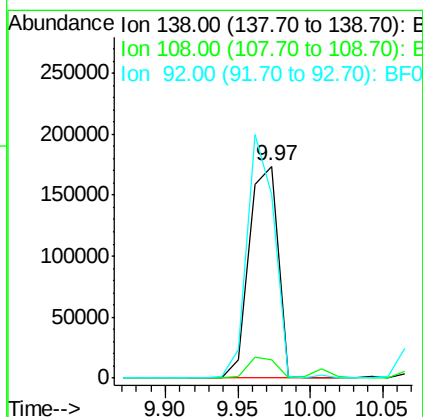
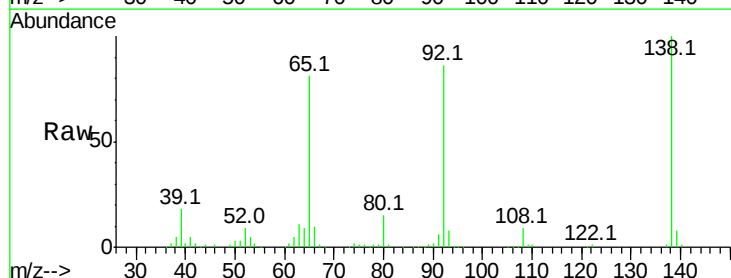
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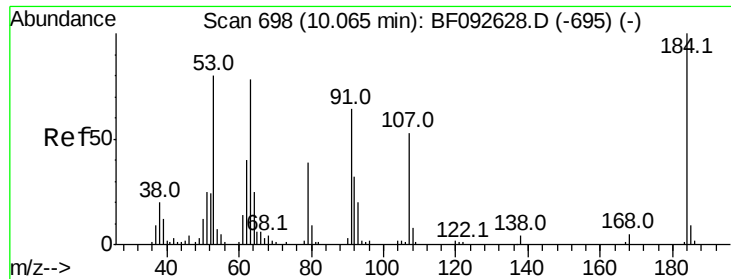
mohammad
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#52
3-Nitroaniline
Concen: 43.66 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.5	12.7
92	86.4	97.8	146.8#





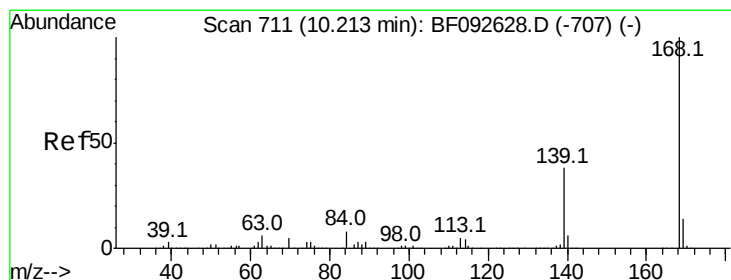
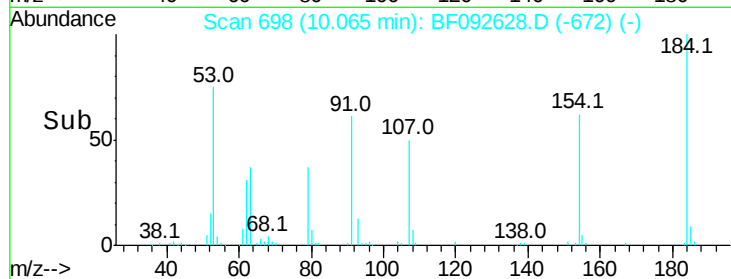
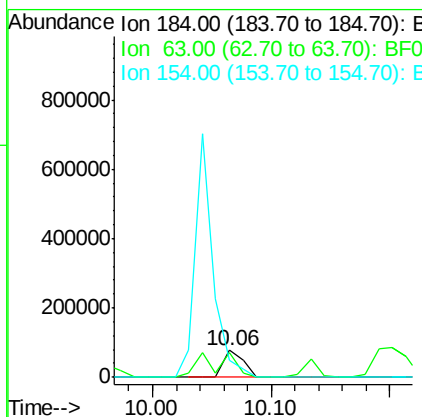
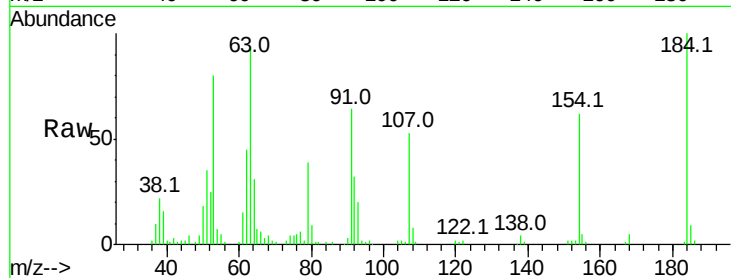
#53
 2,4-Dinitrophenol
 Concen: 58.77 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:184 Resp: 92243
 Ion Ratio Lower Upper
 184 100
 63 92.8 28.4 42.6#
 154 61.9 44.3 66.5

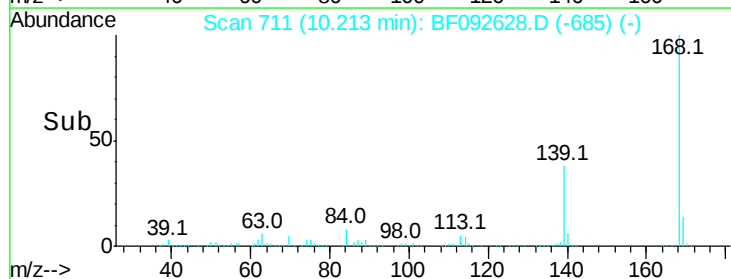
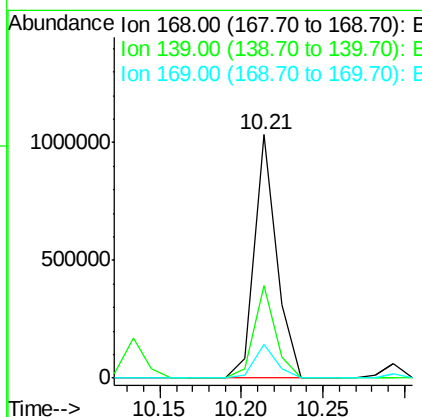
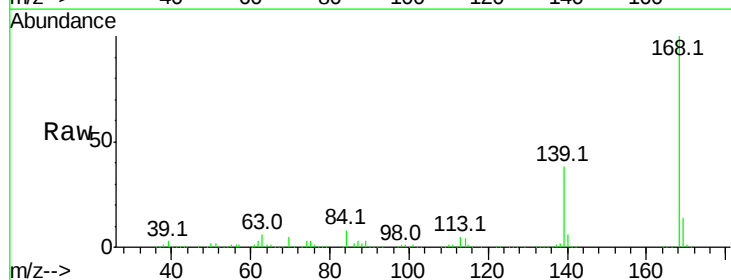
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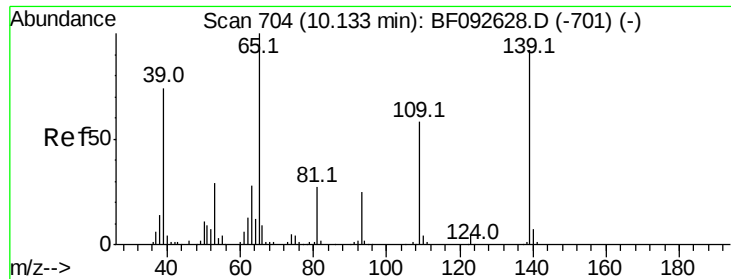
mohammad
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#54
 Dibenzofuran
 Concen: 39.89 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion:168 Resp: 983519
 Ion Ratio Lower Upper
 168 100
 139 38.2 32.6 49.0
 169 13.7 11.3 16.9





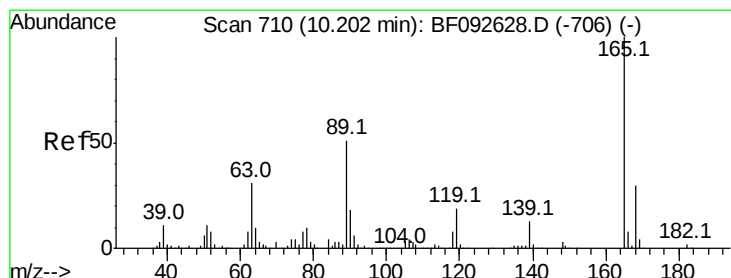
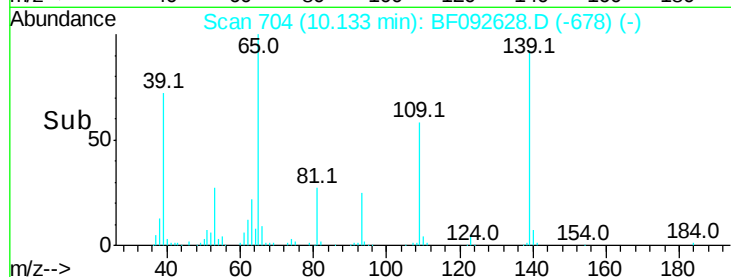
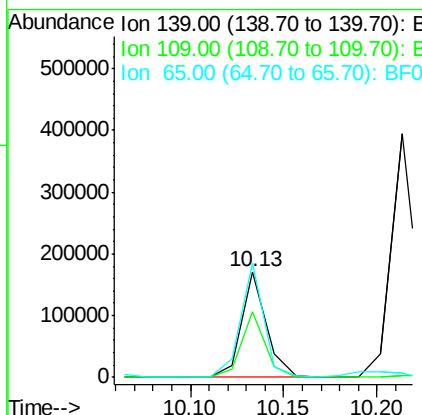
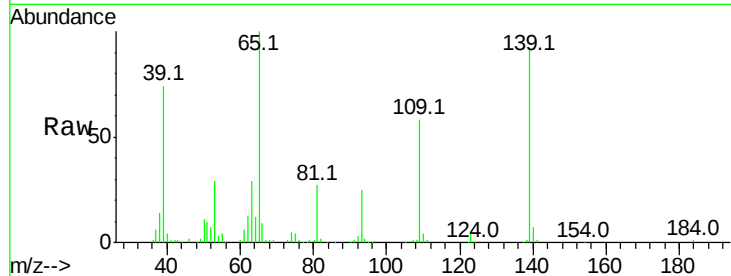
#55
4-Nitrophenol
Concen: 36.69 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.7	52.2	92.2
65	108.7	85.8	125.8

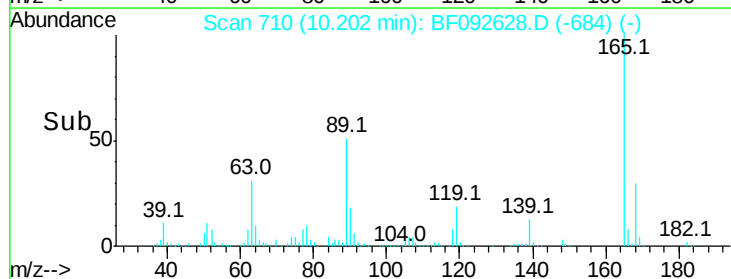
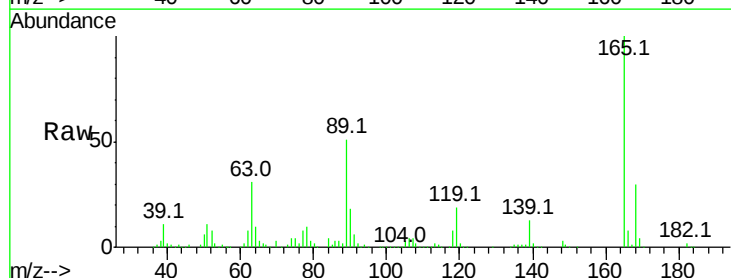
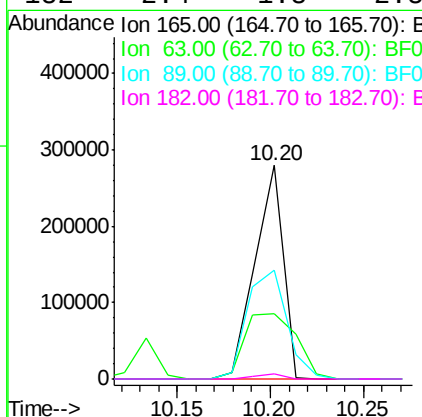
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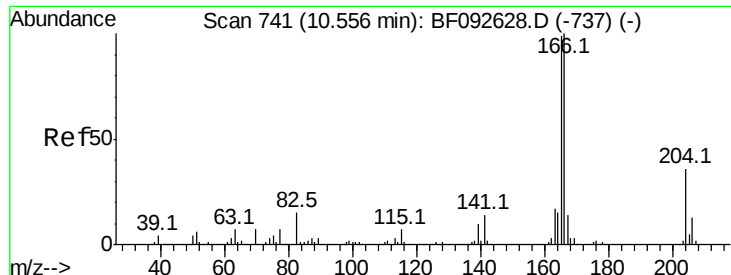
mohammad
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#56
2,4-Dinitrotoluene
Concen: 50.35 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.9	40.2	60.4#
89	50.9	62.5	93.7#
182	2.4	1.8	2.8





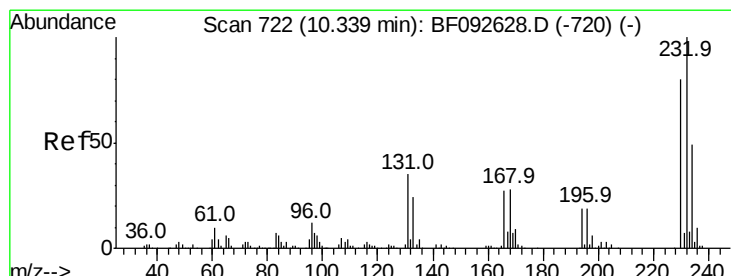
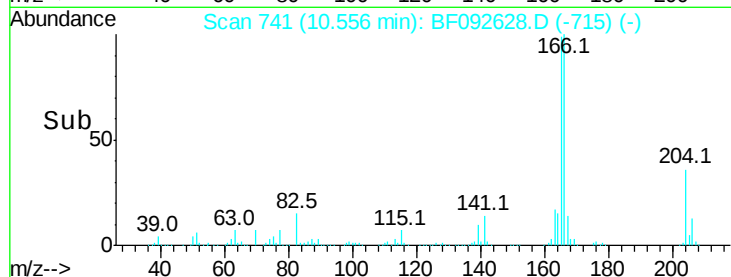
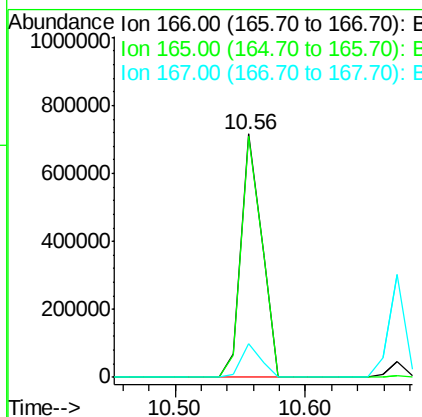
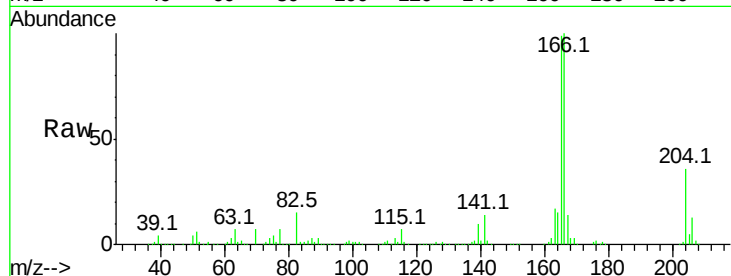
#57
Fluorene
 Concen: 43.20 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	789826		
165	99.0		77.8	116.8
167	13.6		10.8	16.2

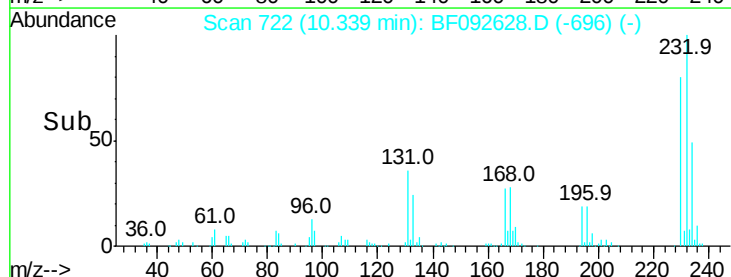
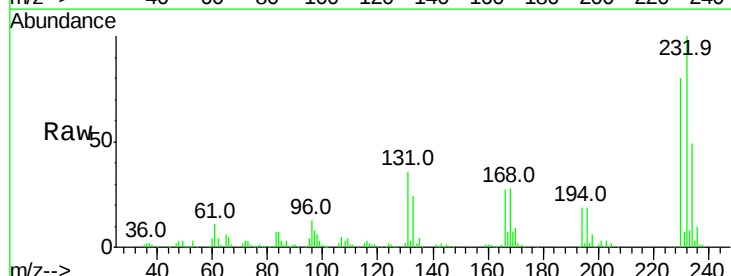
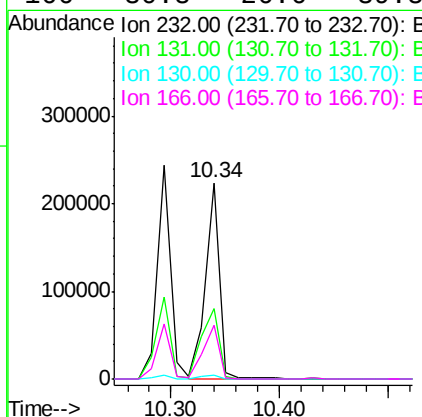
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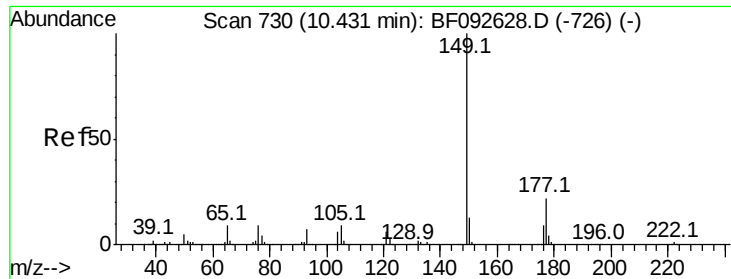
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.41 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	203014		
131	44.2		40.1	60.1
130	2.2		1.8	2.8
166	30.8		26.6	39.8





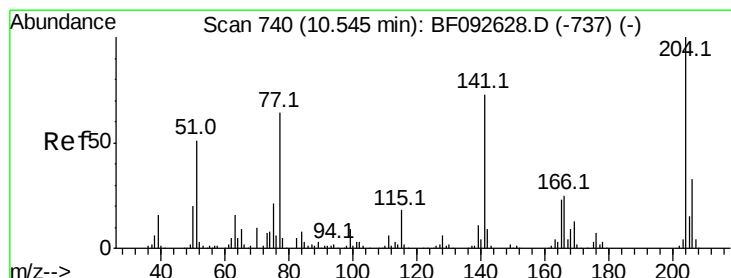
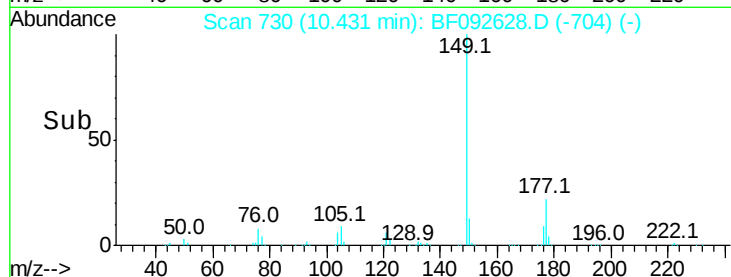
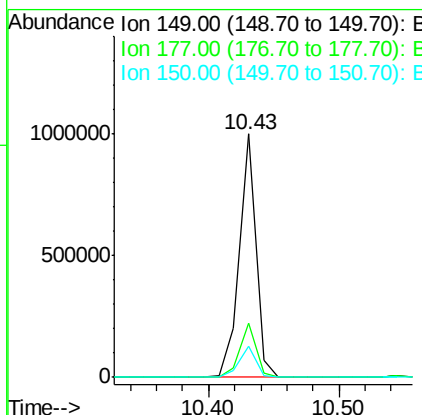
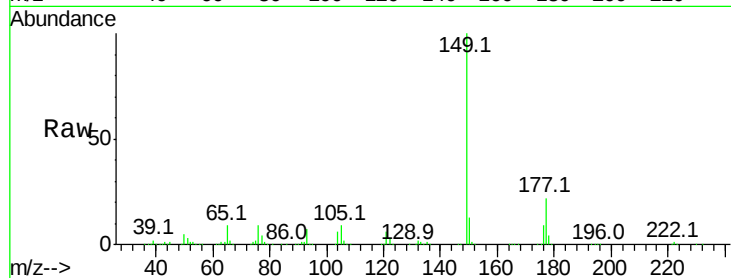
#59
Diethylphthalate
Concen: 42.77 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.6	25.0
150	12.6	10.4	15.6

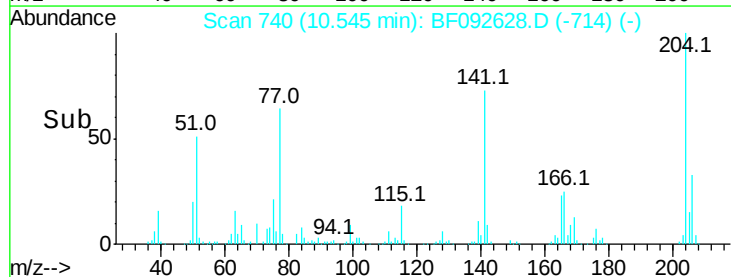
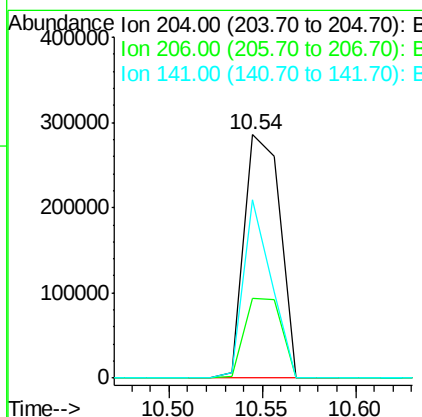
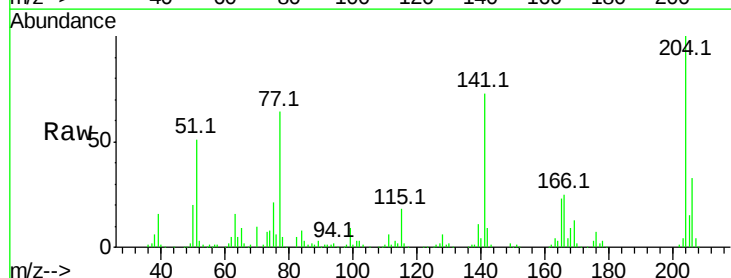
Manual Integrations
APPROVED

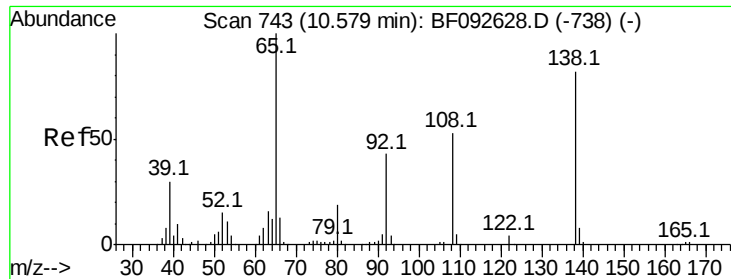
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 42.79 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	73.0	59.4	89.0





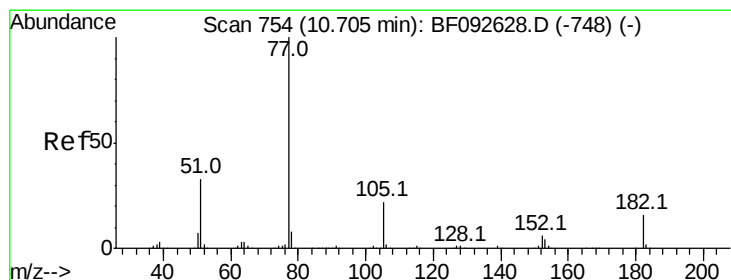
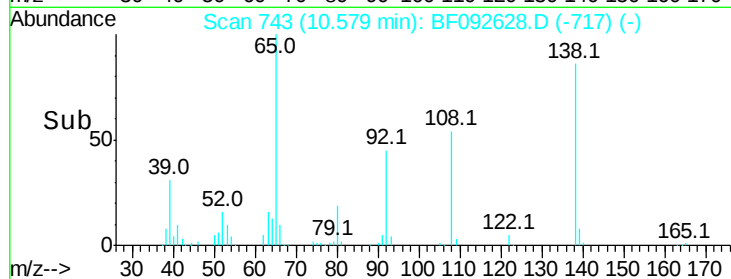
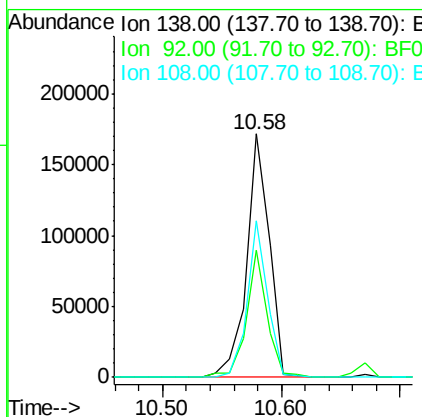
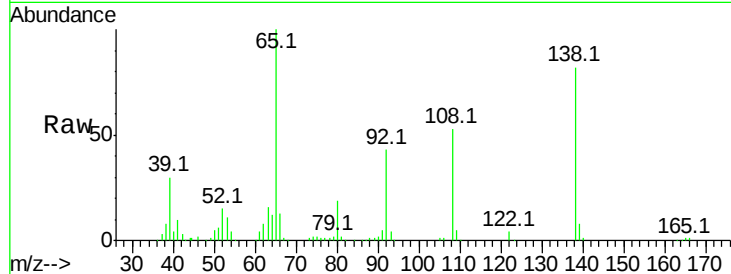
#61
4-Nitroaniline
Concen: 41.51 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	228030		
92	52.2	31.7	71.7	
108	64.3	52.6	92.6	

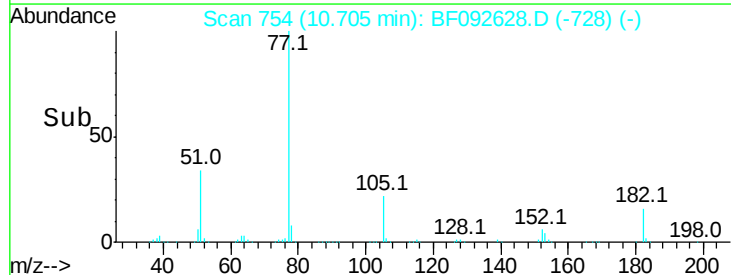
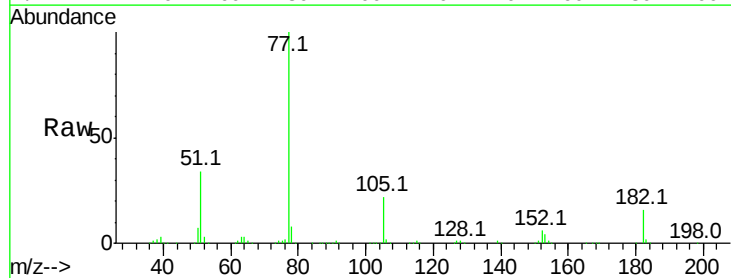
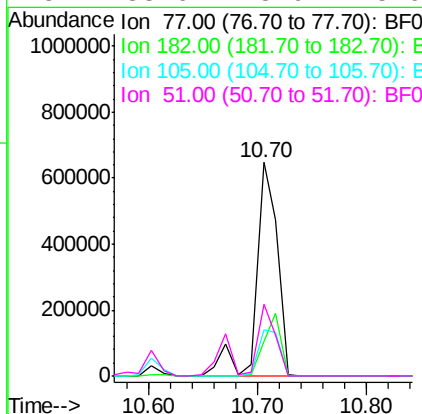
Manual Integrations
APPROVED

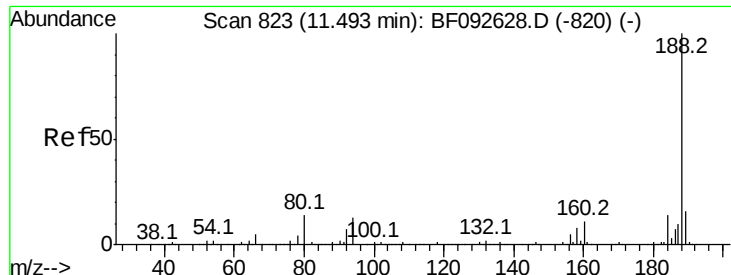
mohammad
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#62
Azobenzene
Concen: 37.67 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	882085		
182	16.2	0.0	39.3	
105	21.7	2.3	42.3	
51	33.6	8.9	48.9	





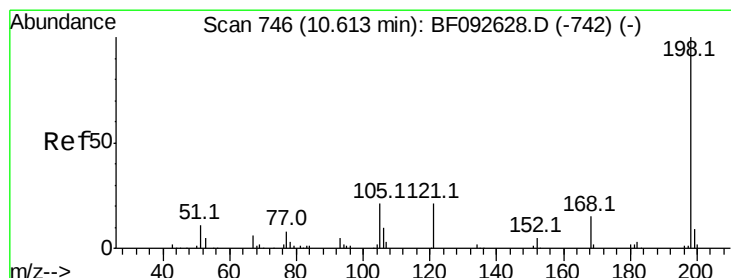
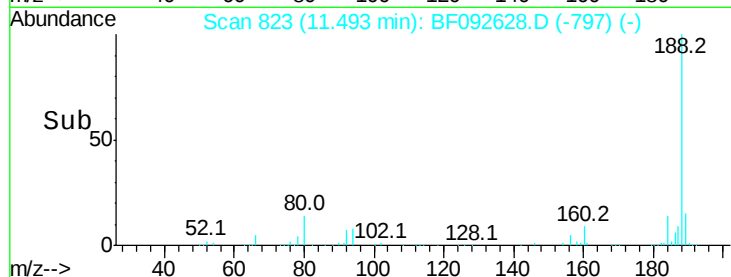
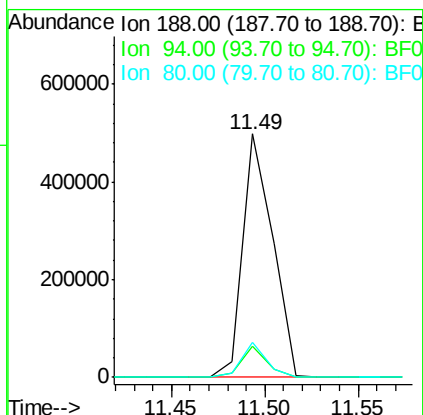
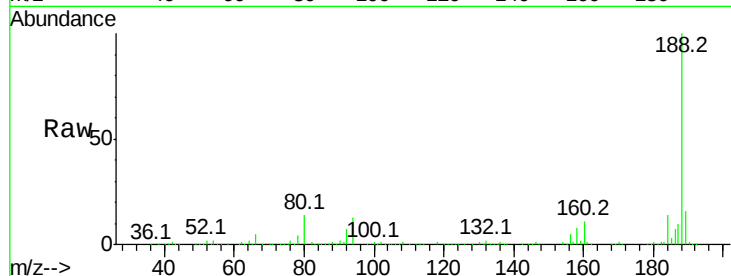
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	555463		
94	13.0		10.0	15.0
80	14.4		11.2	16.8

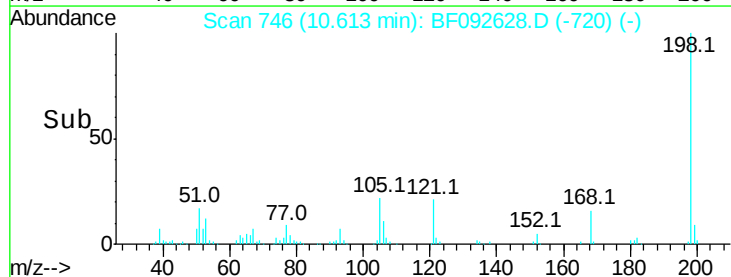
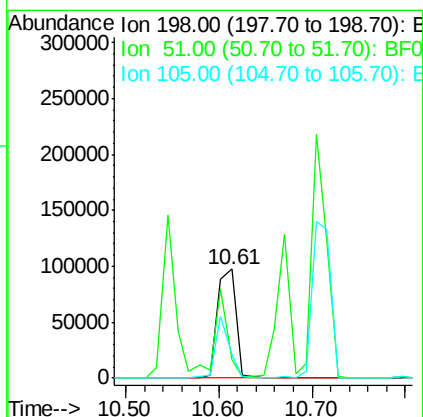
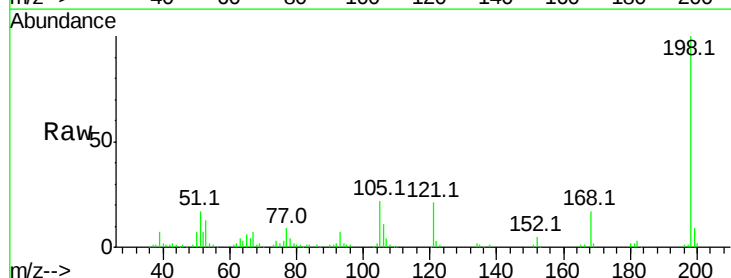
Manual Integrations
APPROVED

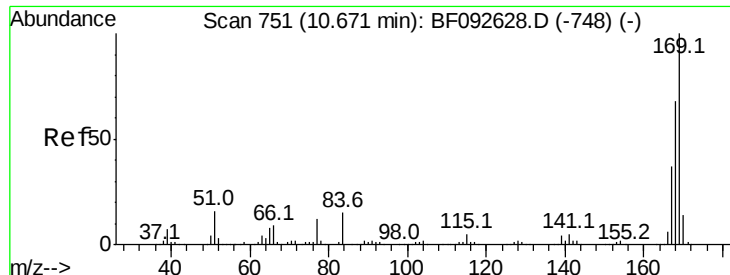
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.60 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	133545		
51	17.4		6.7	46.7
105	21.6		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 41.26 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:169 Resp: 715657

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

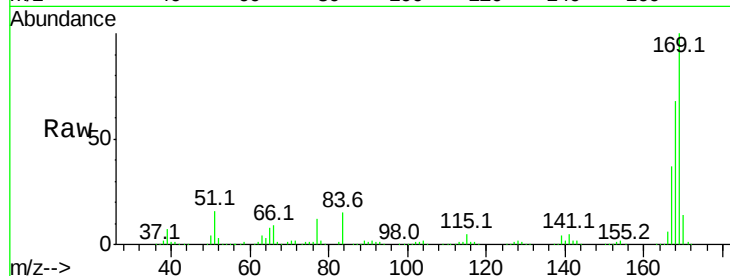
167 37.0 30.2 45.4

Manual Integrations

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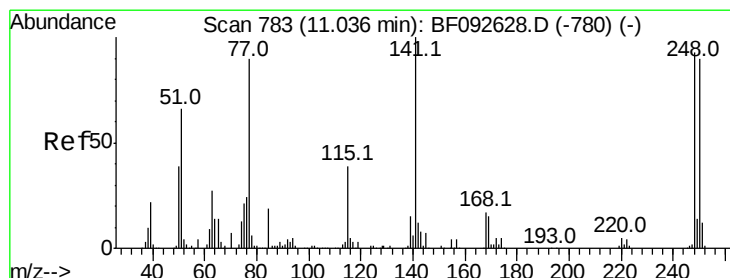
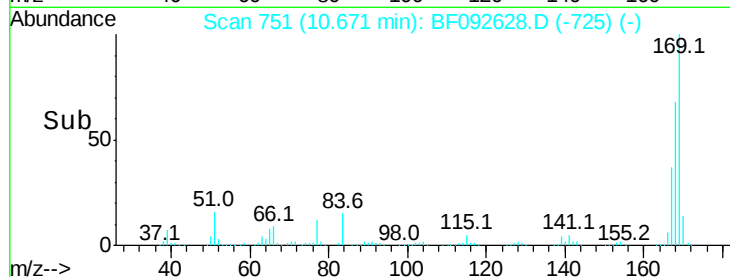
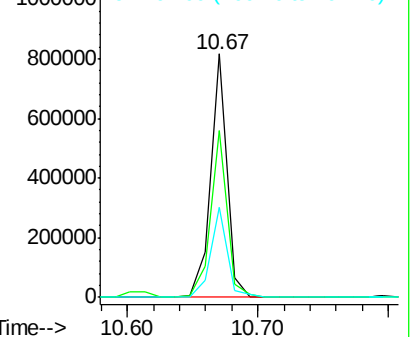
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.32 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

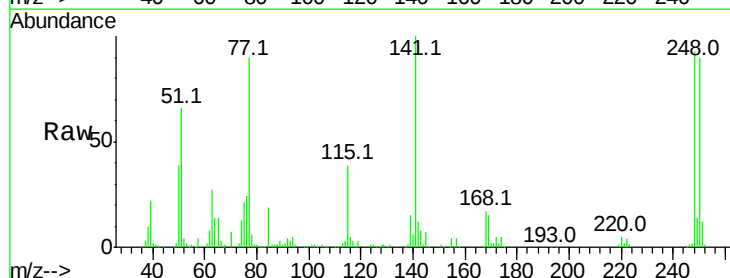
Tgt Ion:248 Resp: 226113

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

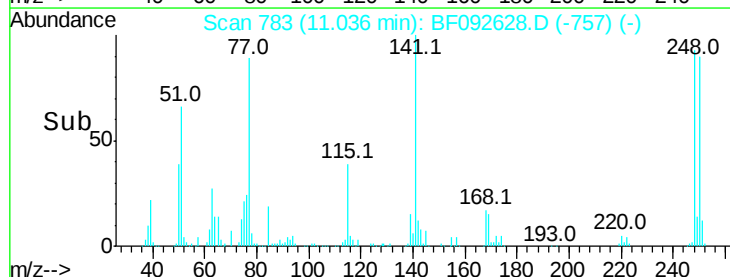
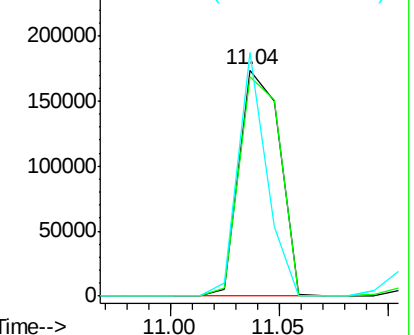
141 107.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





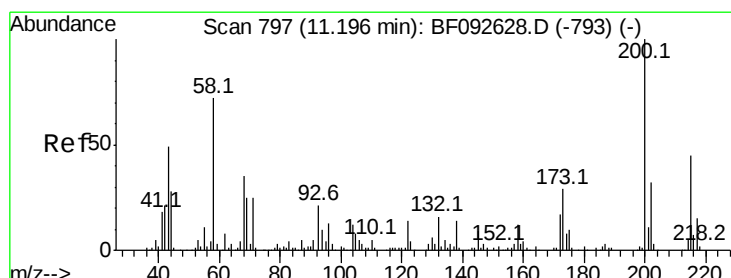
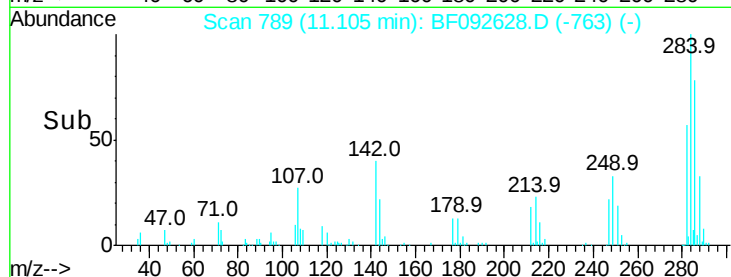
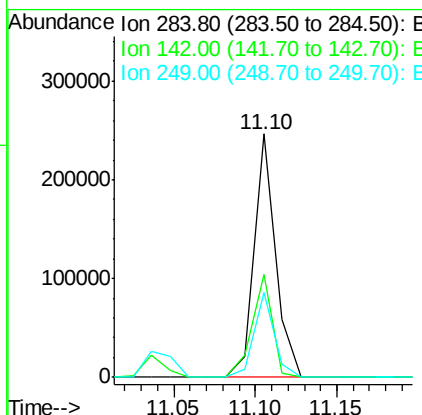
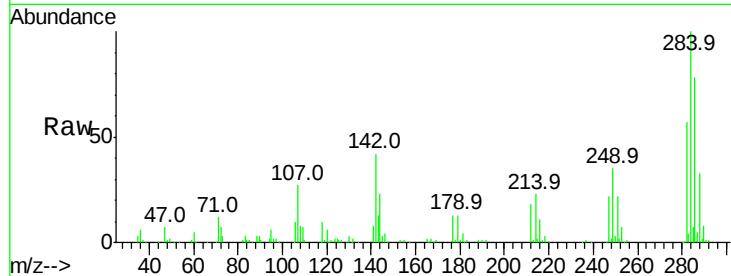
#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	223723		
142	42.1	22.6	33.8#	
249	34.9	25.4	38.0	

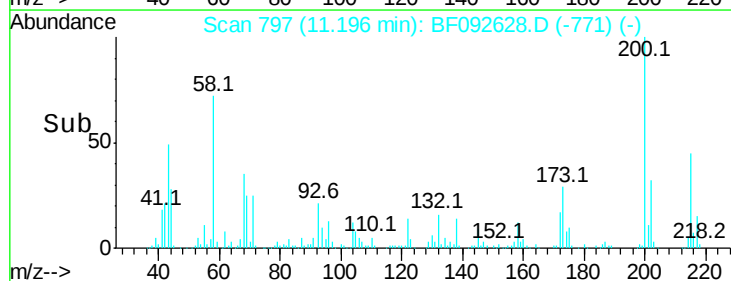
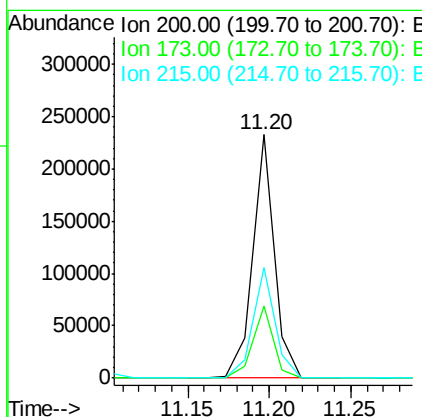
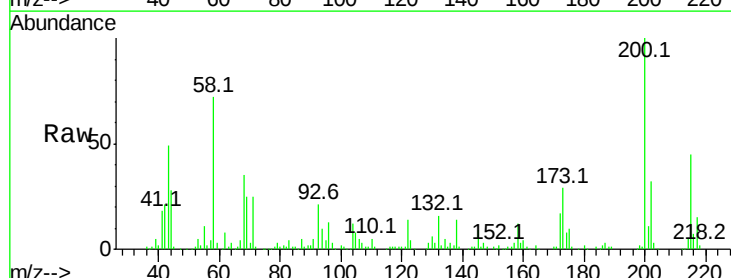
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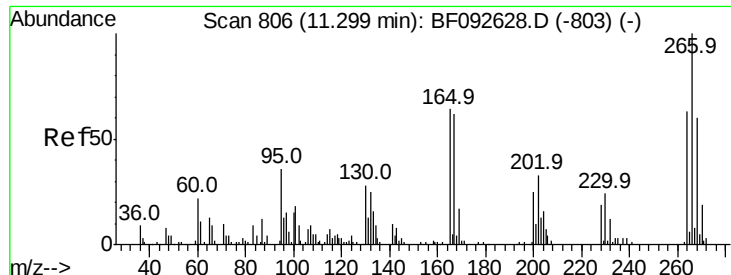
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#68
Atrazine
Concen: 36.05 ng
RT: 11.20 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214060		
173	29.4	9.6	49.6	
215	45.4	25.7	65.7	





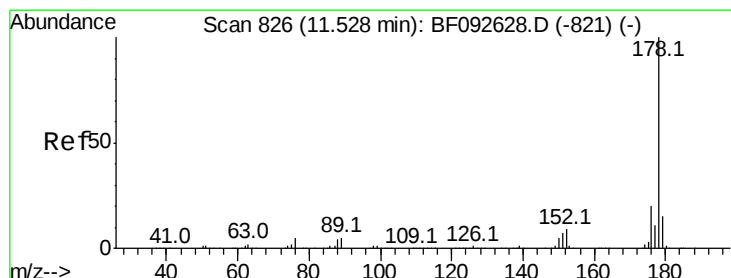
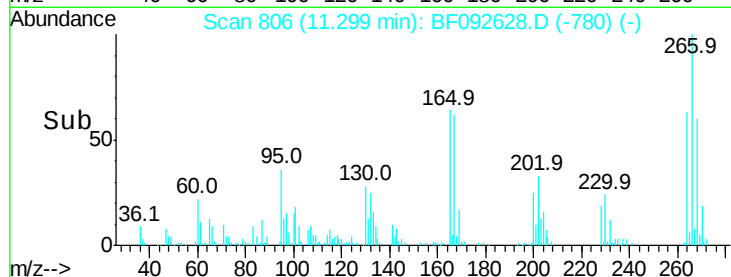
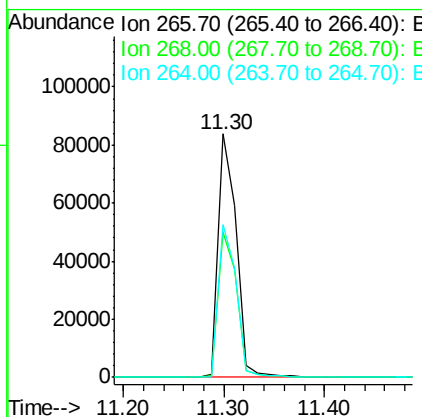
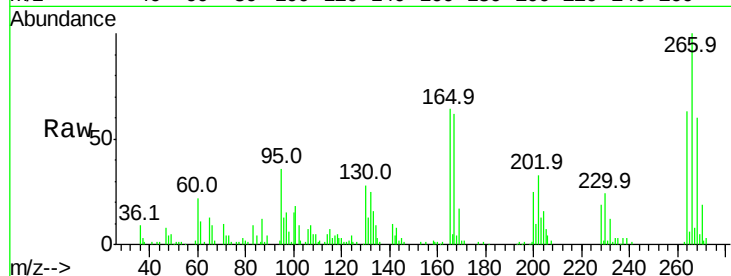
#69
 Pentachlorophenol
 Concen: 28.91 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.6	53.3	79.9
264	62.8	50.3	75.5

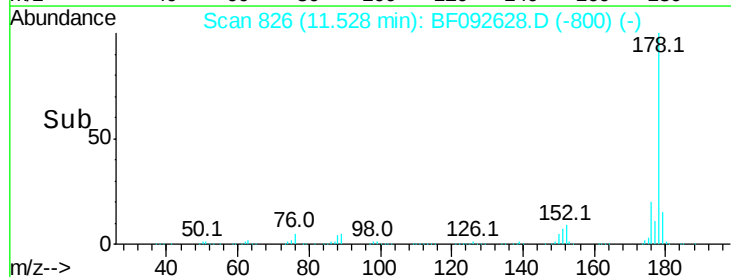
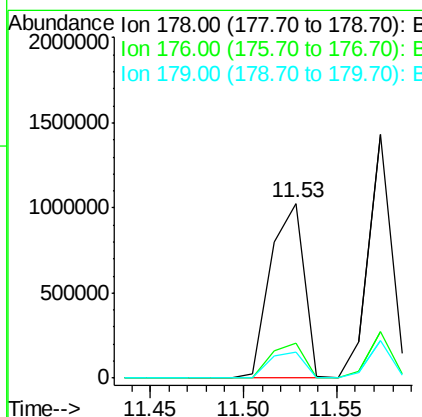
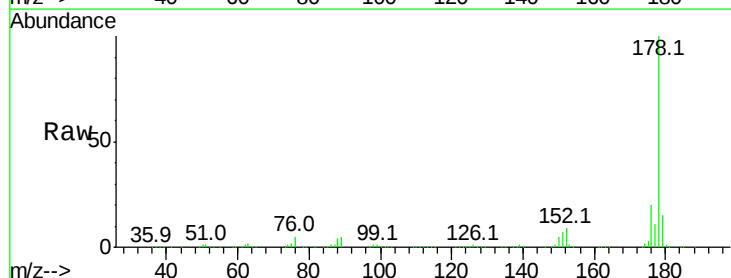
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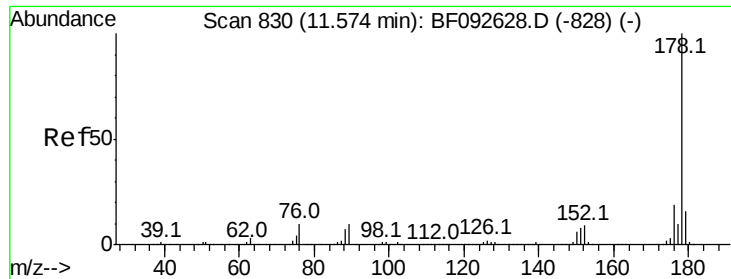
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#70
 Phenanthrene
 Concen: 41.80 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.0	12.8	19.2





#71
 Anthracene
 Concen: 41.47 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

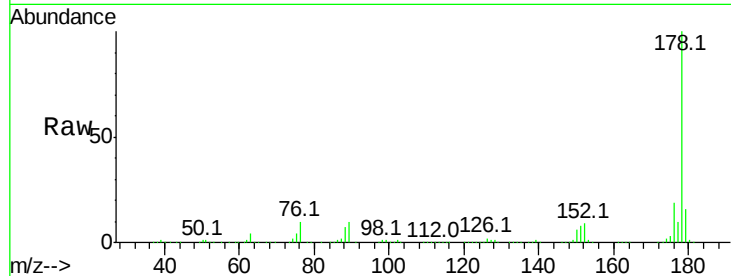
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1239686

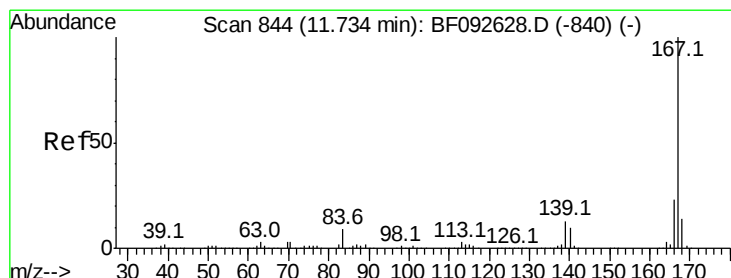
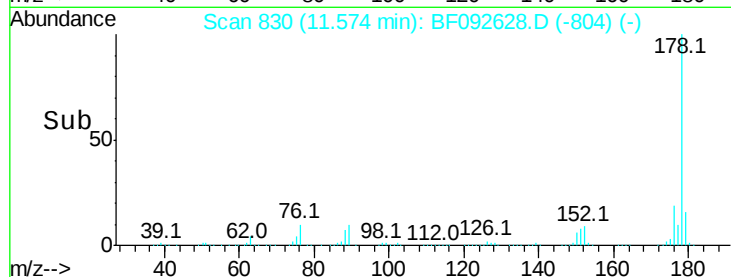
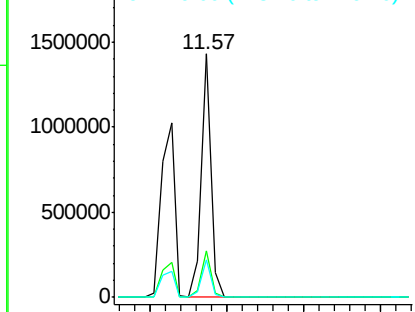
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.6	13.2	19.8

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

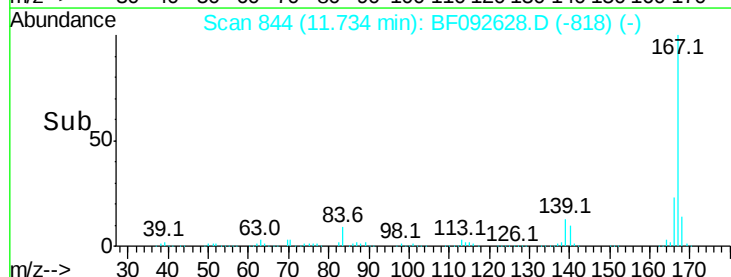
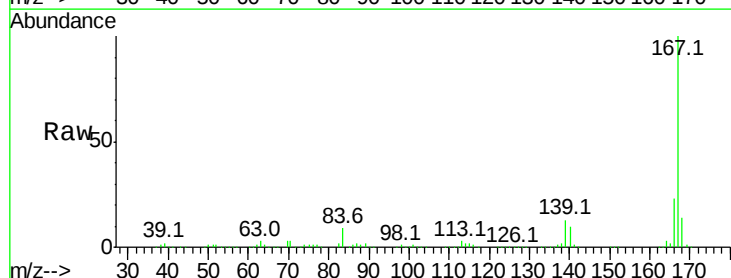
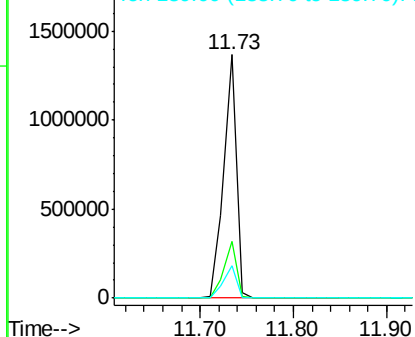


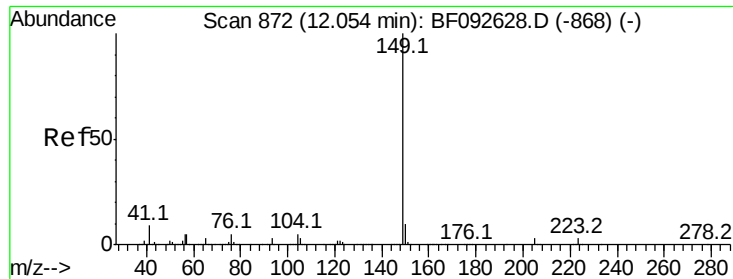
#72
 Carbazole
 Concen: 45.27 ng
 RT: 11.73 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion:167 Resp: 1292194

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	13.1	11.4	17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.13 ng

RT: 12.05 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

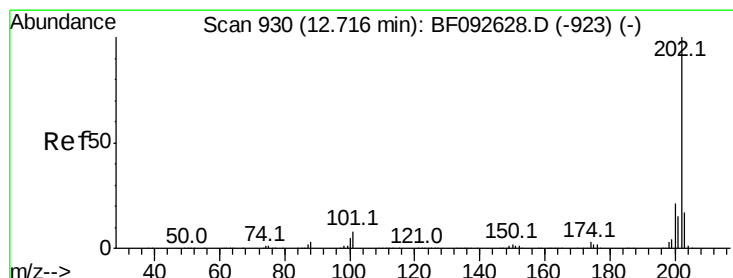
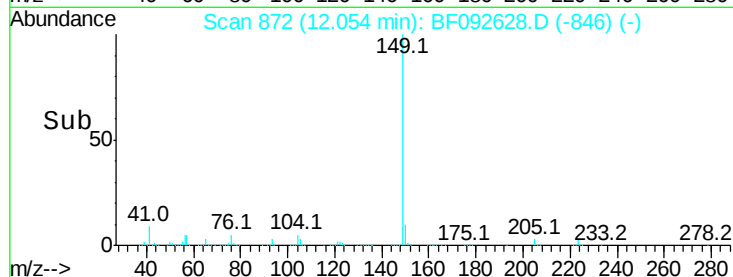
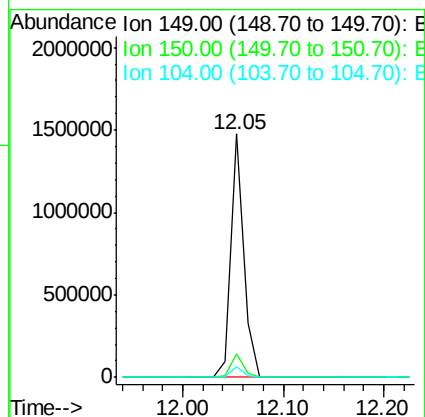
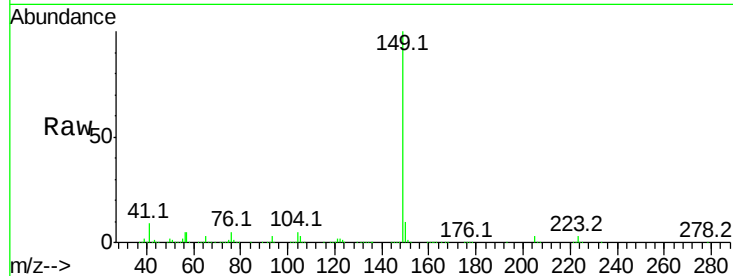
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.5	4.6	7.0

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#74

Fluoranthene

Concen: 44.88 ng

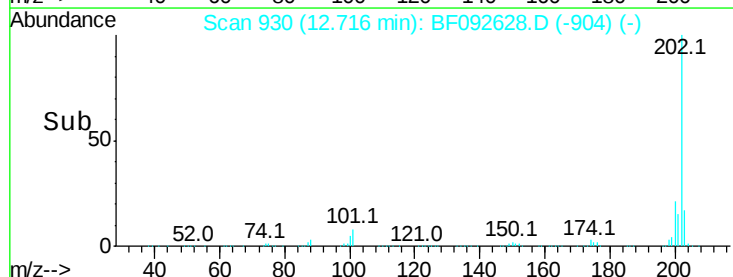
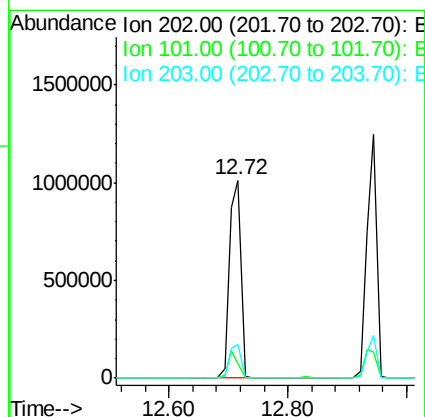
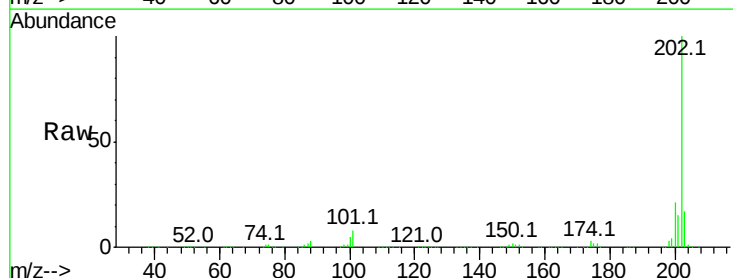
RT: 12.72 min Scan# 930

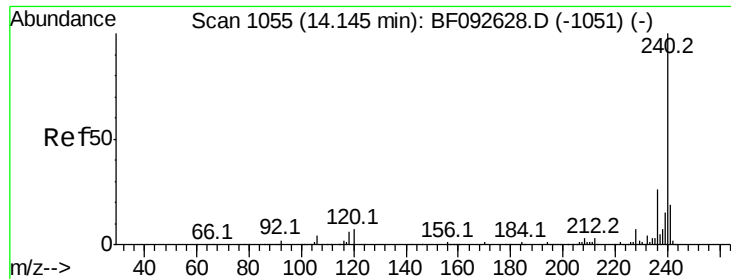
Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	34.6
203	17.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:240 Resp: 444068

Ion Ratio Lower Upper

240 100

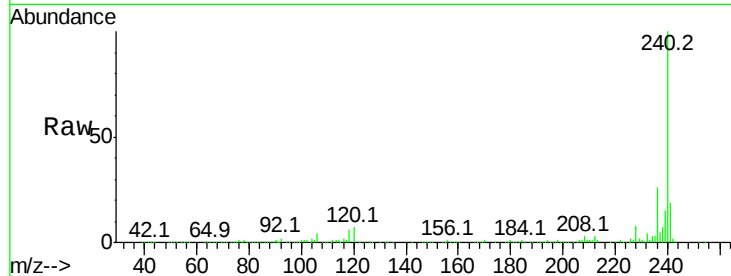
120 7.1 12.9 19.3#

236 25.7 20.9 31.3

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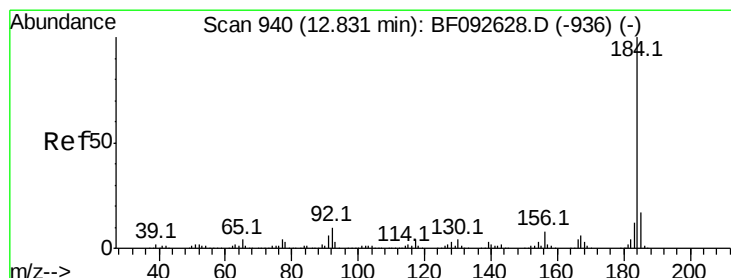
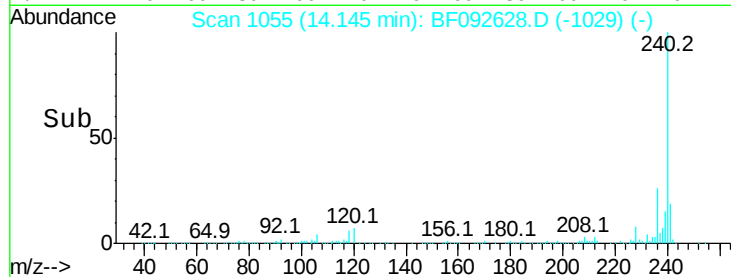
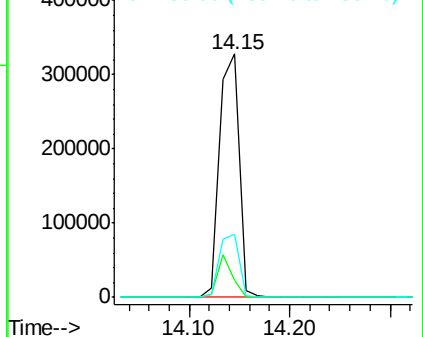
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.68 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

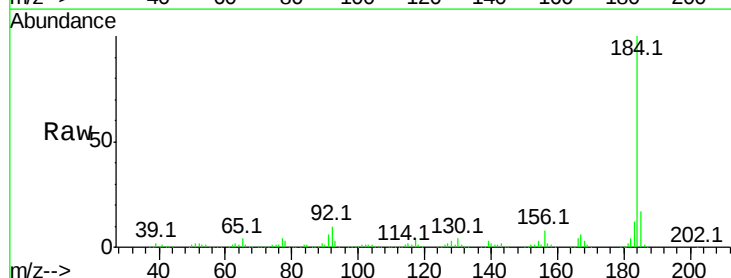
Tgt Ion:184 Resp: 753013

Ion Ratio Lower Upper

184 100

185 16.8 13.4 20.0

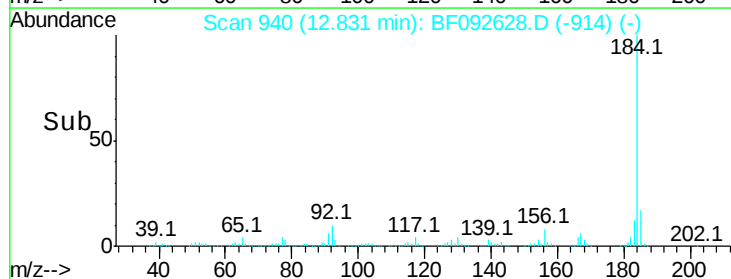
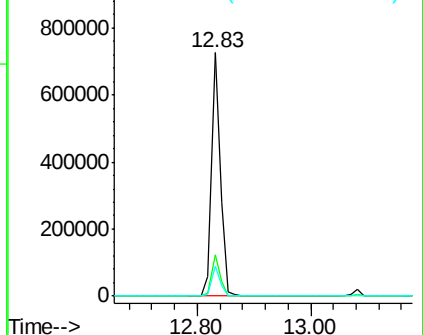
183 12.1 9.2 13.8

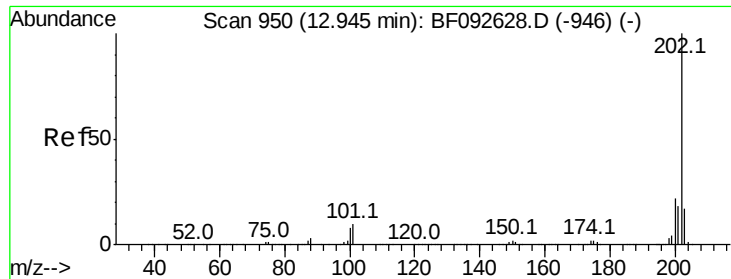


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





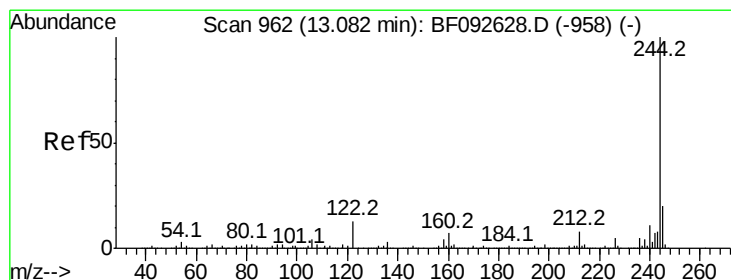
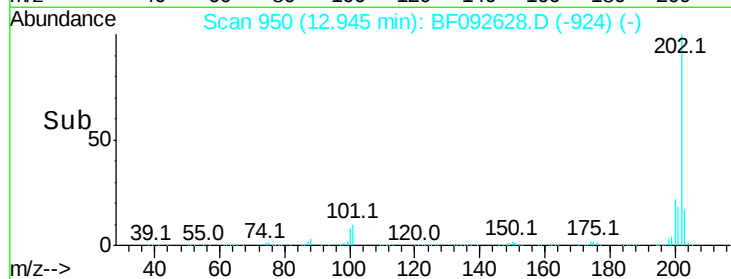
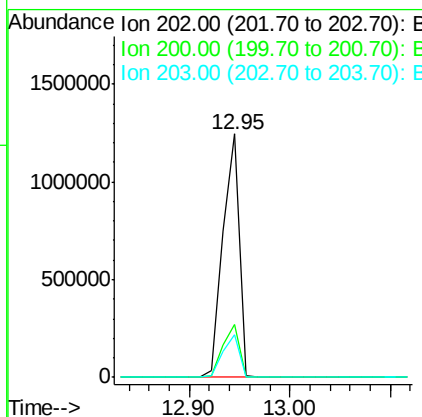
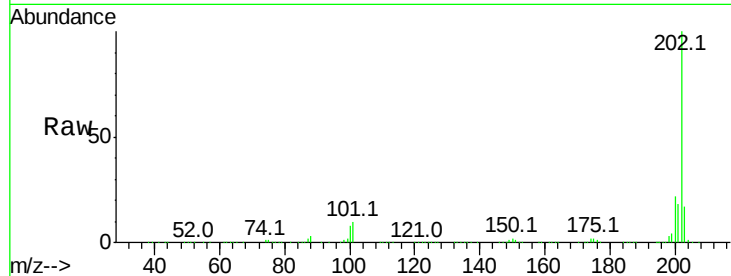
#77
 Pvrene
 Concen: 43.74 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.4	14.7	22.1

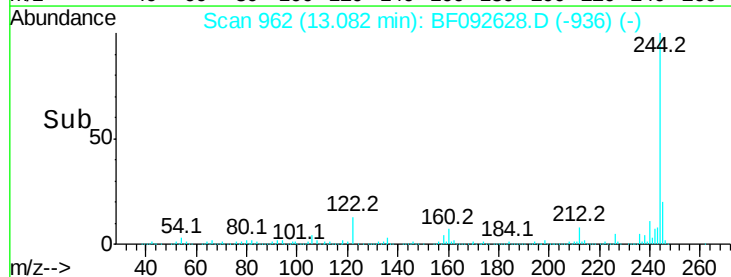
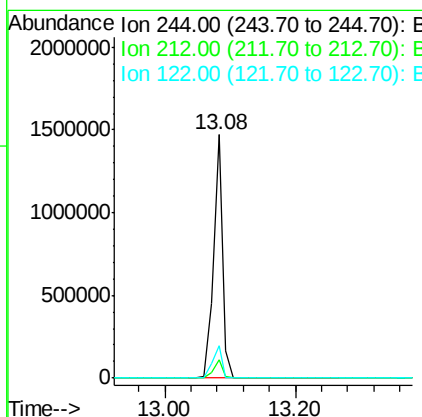
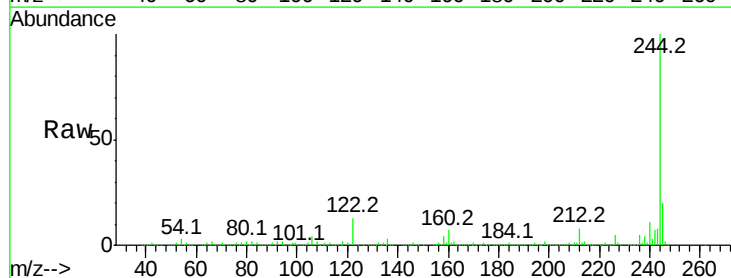
Manual Integrations
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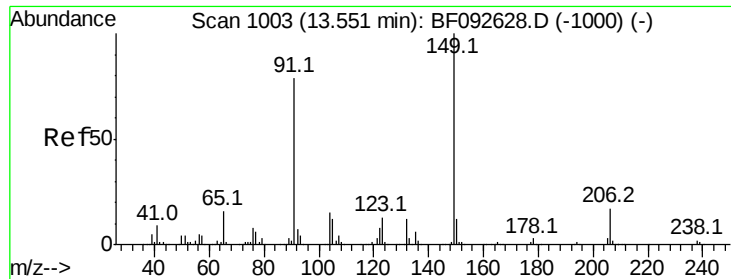
mohammad
 1/31/2017 4:45:16 PM



#78
 Terphenyl-d14
 Concen: 86.98 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.1	11.4	17.2





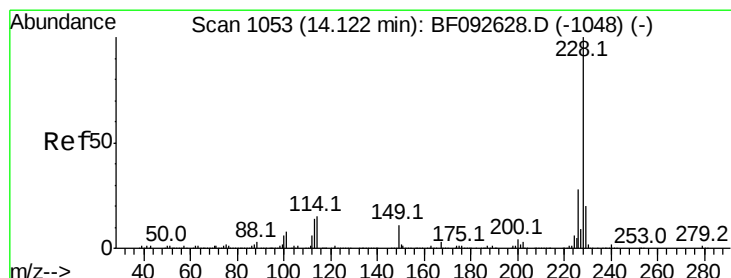
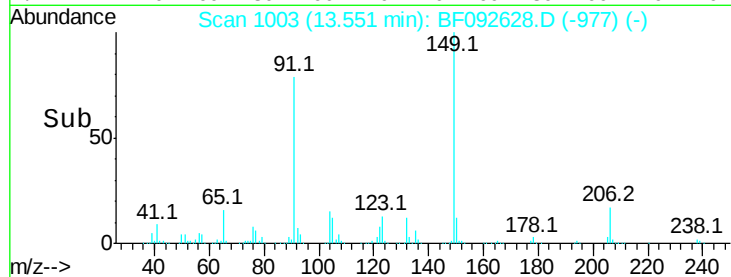
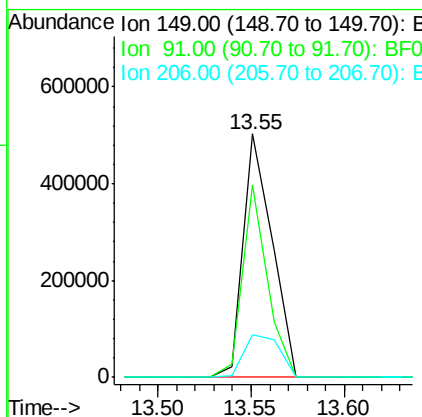
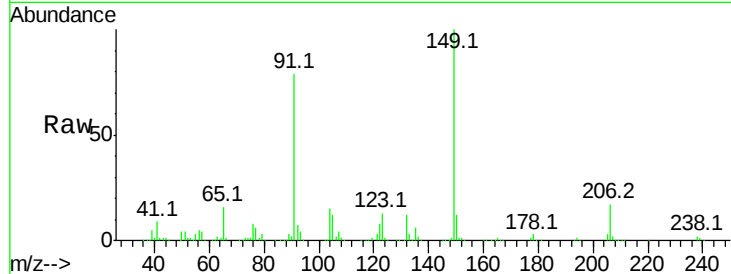
#79
Butylbenzylphthalate
Concen: 41.56 ng
RT: 13.55 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	541696		
91	78.8	63.9	95.9	
206	17.3	14.6	21.8	

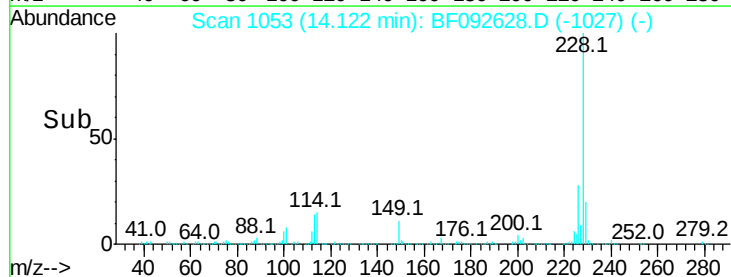
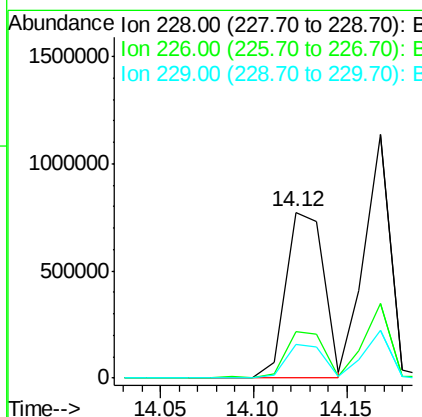
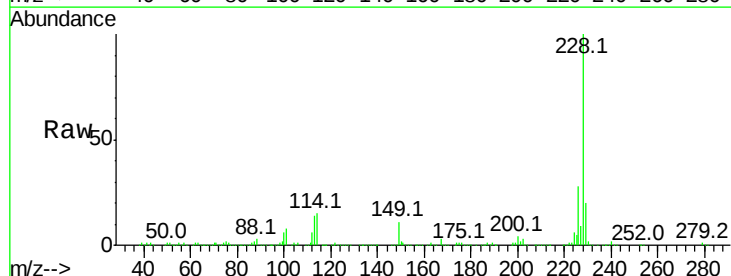
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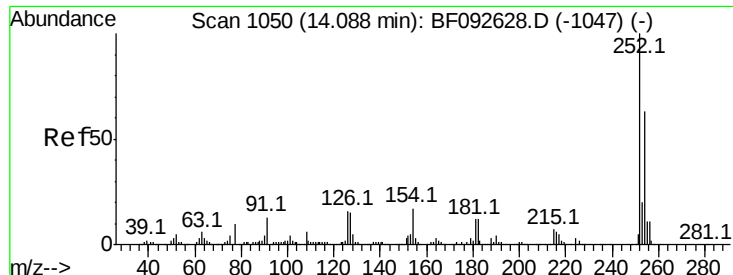
mohammad
1/31/2017 4:45:16 PM



#80
Benzo(a)anthracene
Concen: 46.11 ng
RT: 14.12 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1100330		
226	27.8	22.4	33.6	
229	20.5	16.2	24.4	





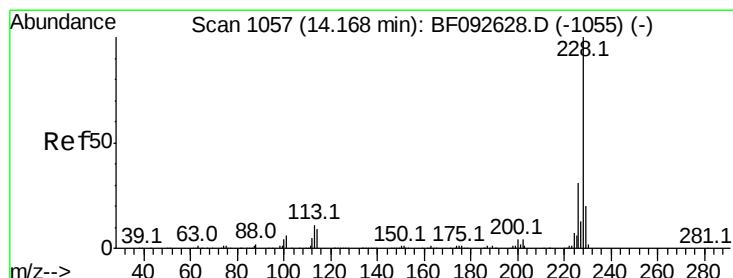
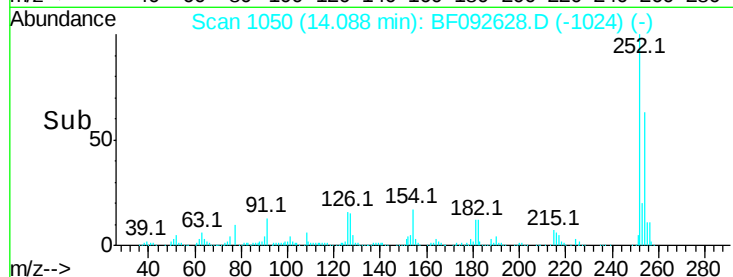
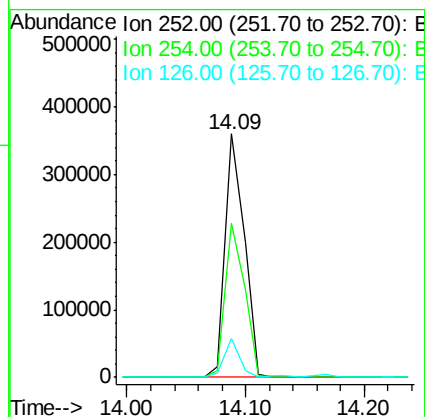
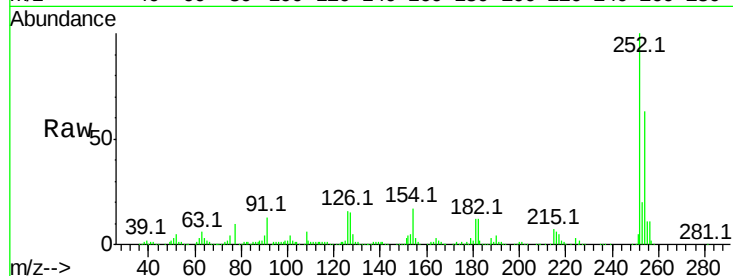
#81
 3,3'-Dichlorobenzidine
 Concen: 44.07 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	399365		
254	63.0	52.3	78.5	
126	15.9	13.6	20.4	

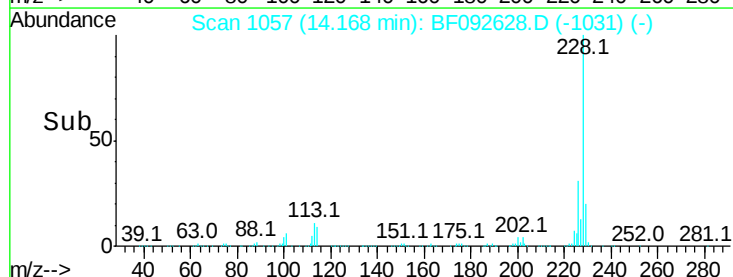
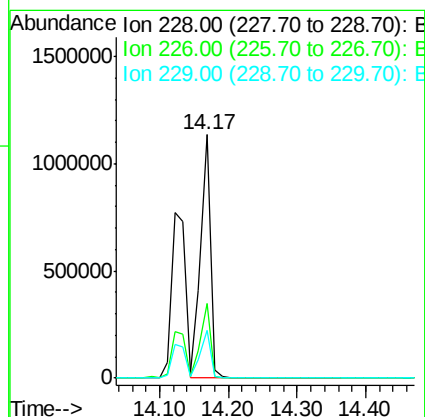
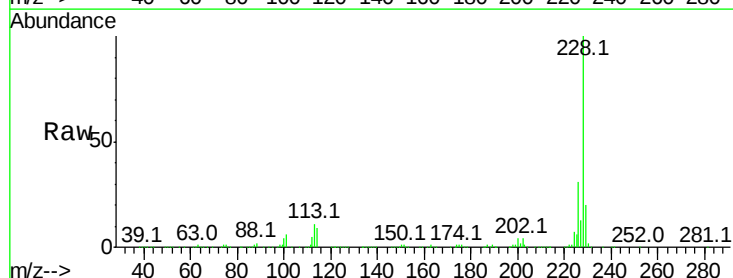
Manual Integrations
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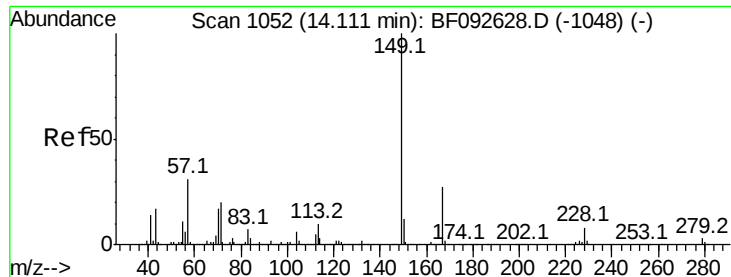
mohammad
 1/31/2017 4:45:16 PM



#82
 Chrysene
 Concen: 43.21 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1101361		
226	30.9	25.4	38.0	
229	19.8	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.80 ng

RT: 14.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 768320

Ion Ratio Lower Upper

149 100

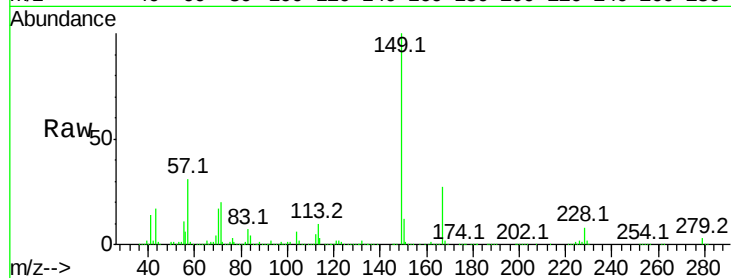
167 26.6 20.2 30.4

279 2.8 1.8 2.8#

Manual Integrations
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mohammad

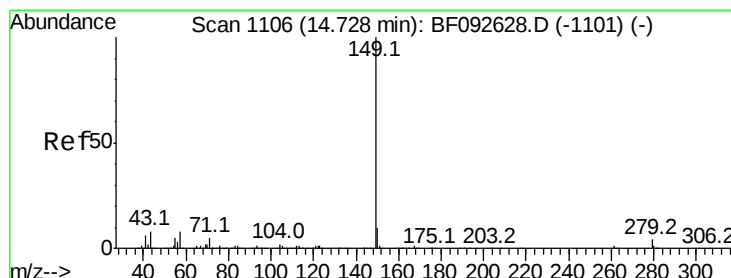
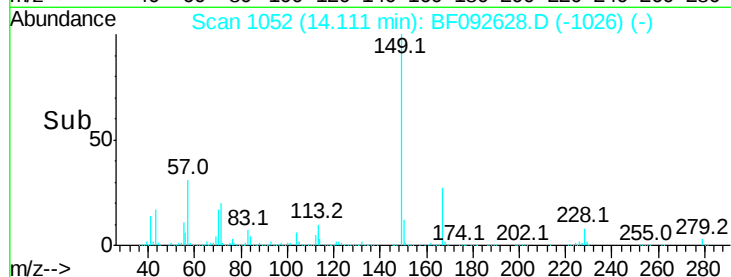
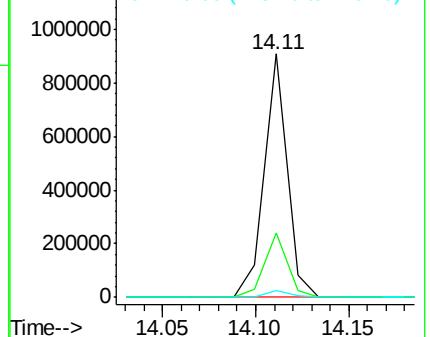
1/31/2017 4:45:16 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.36 ng

RT: 14.73 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF092628.D

Acq: 30 Jan 2017 12:43

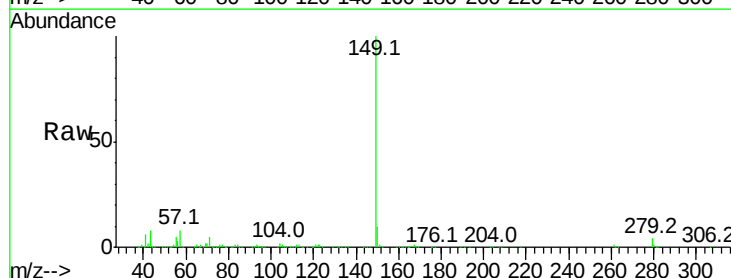
Tgt Ion:149 Resp: 1262395

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

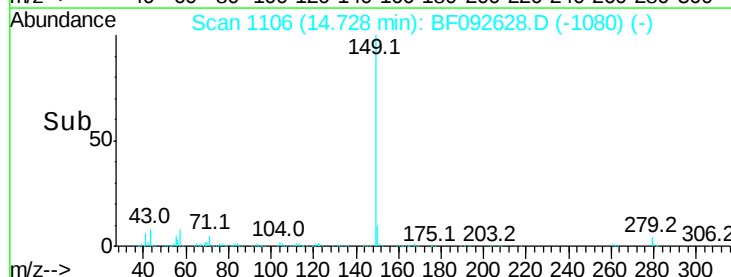
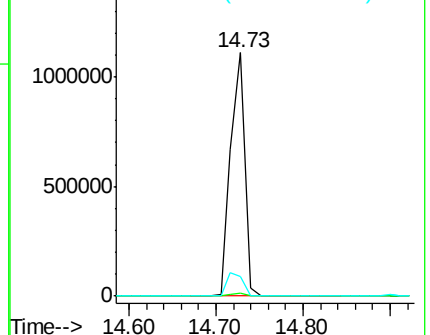
43 11.4 8.9 13.3

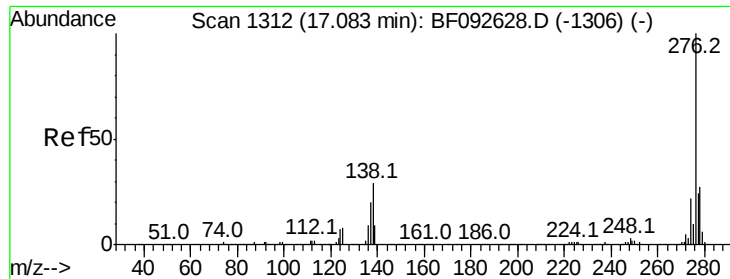


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





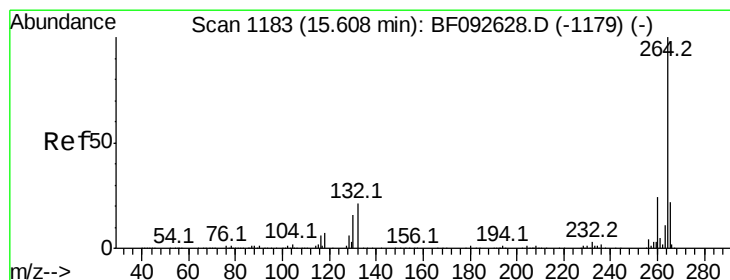
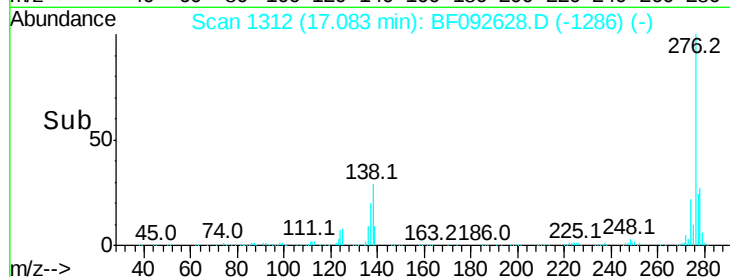
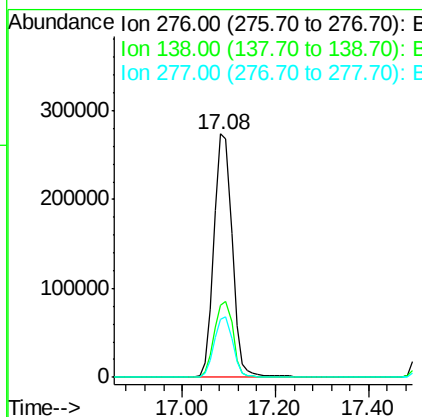
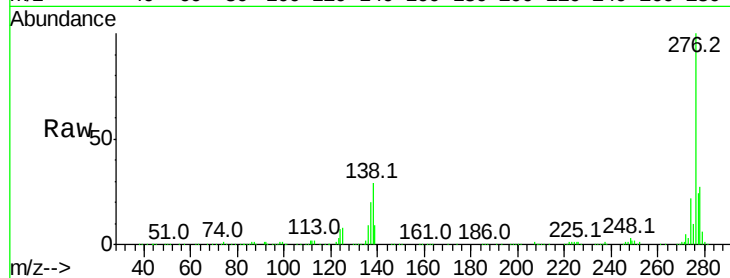
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.72 ng
RT: 17.08 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	25.2	20.2	30.4

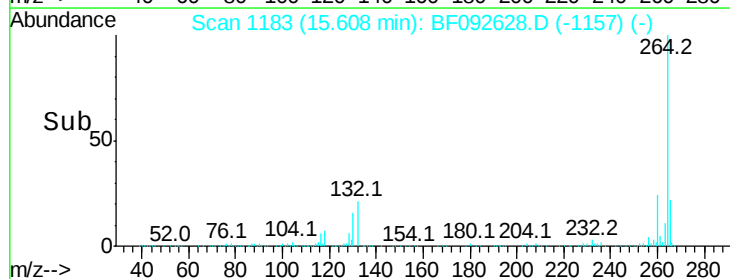
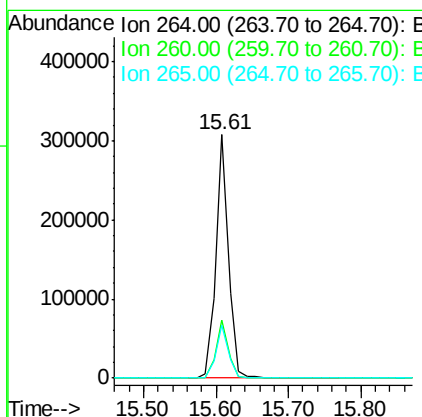
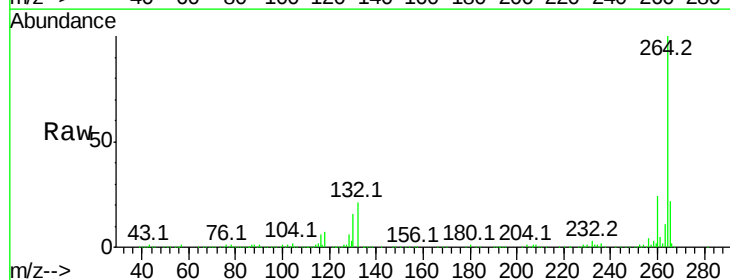
Manual Integrations
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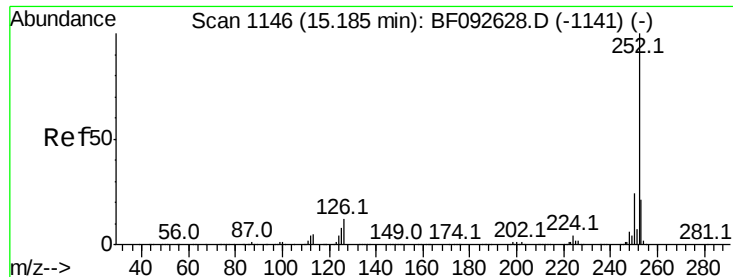
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.4	26.0





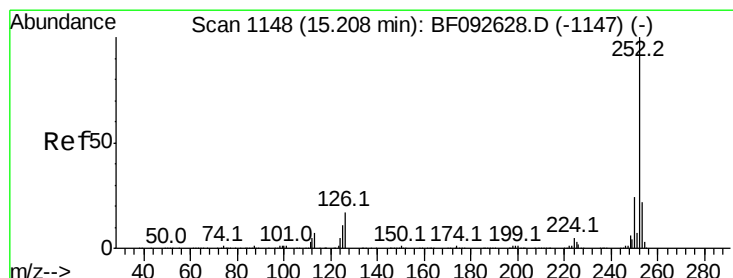
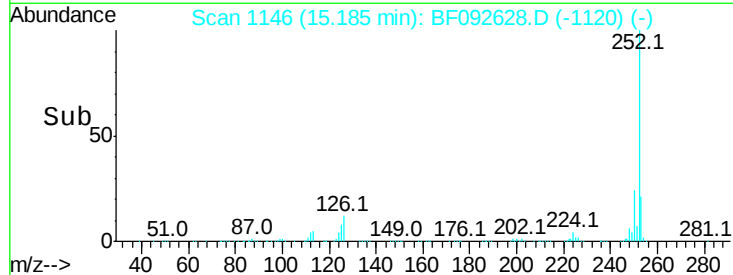
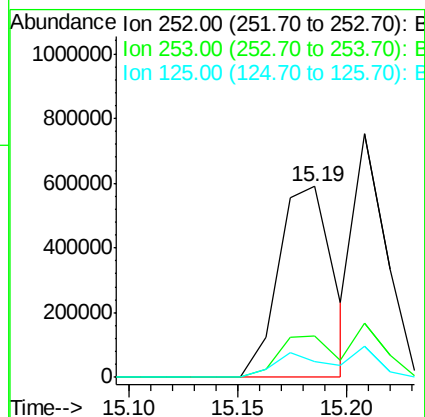
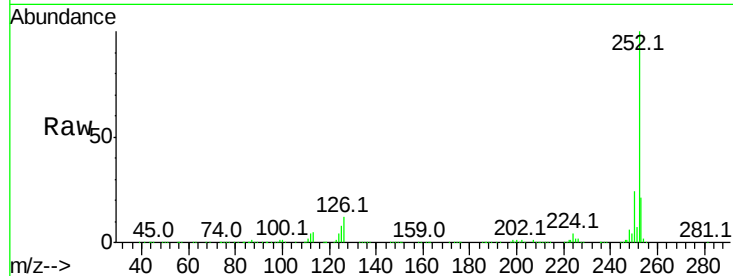
#87
Benzo(b)fluoranthene
Concen: 43.33 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	8.2	9.8	14.6

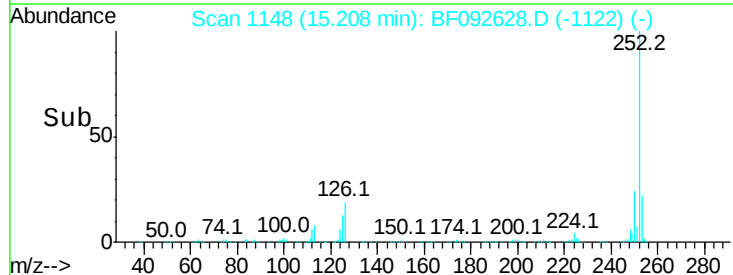
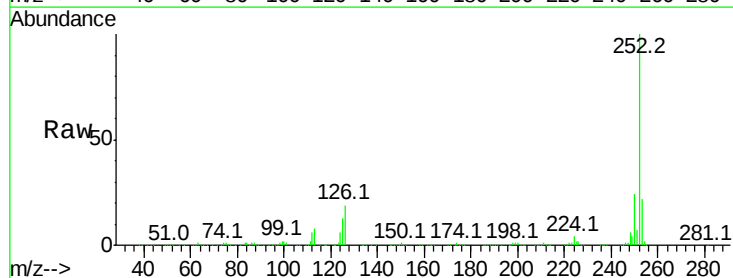
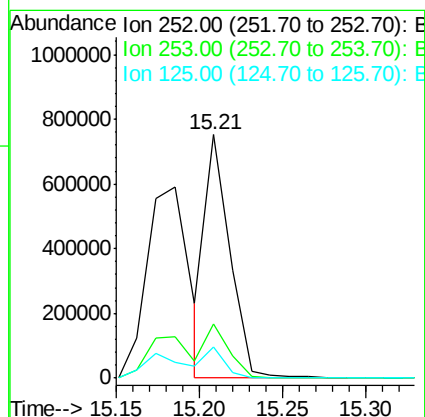
Manual Integrations
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#88
Benzo(k)fluoranthene
Concen: 39.17 ng m
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	12.9	8.9	13.3





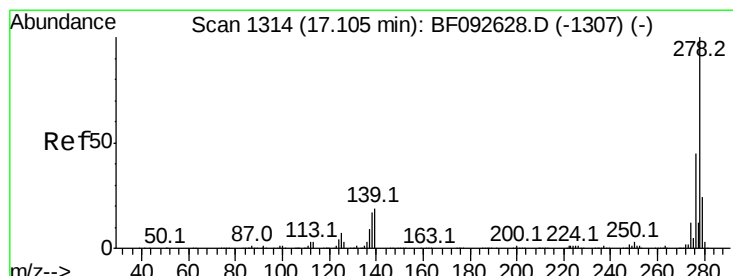
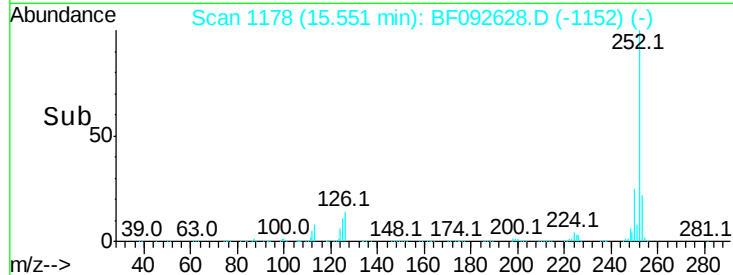
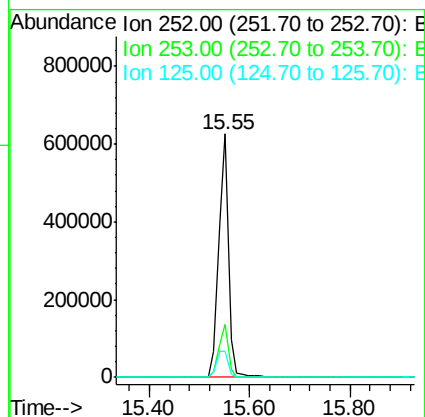
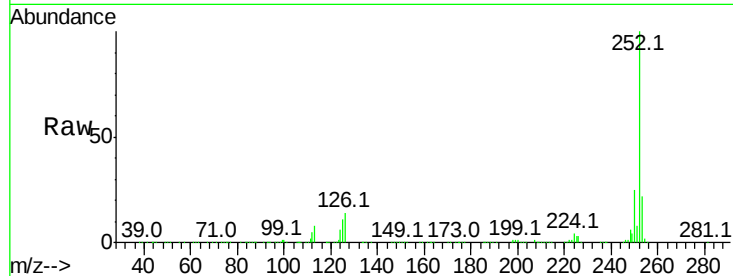
#89
Benzo(a)pyrene
Concen: 41.98 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.9	10.0	15.0

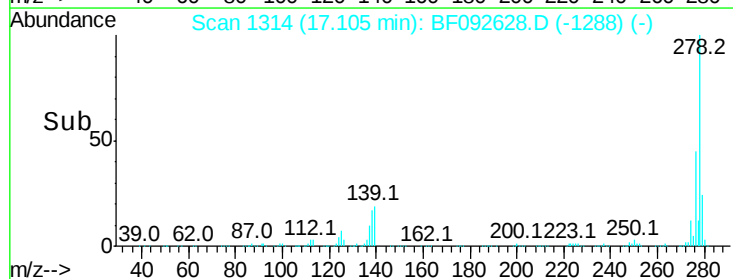
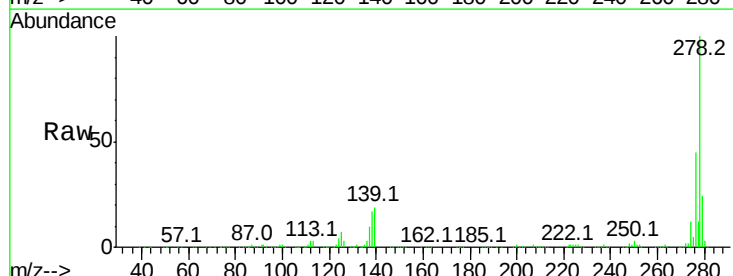
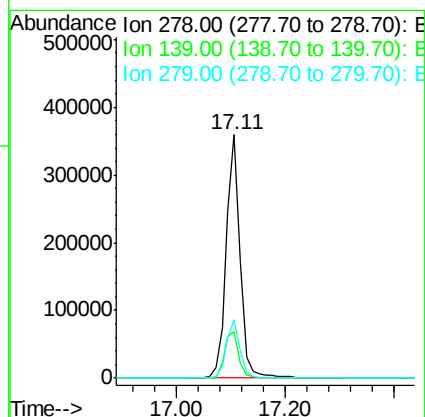
Manual Integrations
APPROVED

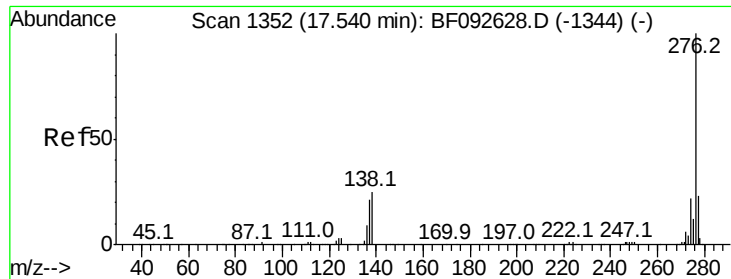
mohammad
1/31/2017 4:45:16 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.62 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF092628.D
Acq: 30 Jan 2017 12:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.8	22.2
279	23.9	19.8	29.6





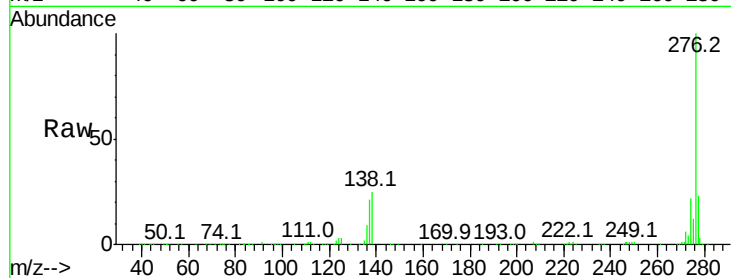
#91
 Benzo(a,h,i)perylene
 Concen: 39.29 ng
 RT: 17.54 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF092628.D
 Acq: 30 Jan 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	25.0	16.0	24.0

Manual Integrations
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mohammad
 1/31/2017 4:45:16 PM



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

