

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092875.D
 Acq On : 9 Feb 2017 1:19
 Operator : SJ/MA
 Sample : I1754-09MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Manual Integrations
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mohammad
 2/9/2017 12:31:55 PM

Quant Time: Feb 09 12:46:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143284	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	573654	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	321556	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	514158	20.00	ng	0.00
75) Chrysene-d12	14.07	240	383362	20.00	ng	0.00
86) Perylene-d12	15.51	264	352620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1920	0.23	ng	0.02
7) Phenol-d6	6.53	99	110381	10.27	ng	0.00
23) Nitrobenzene-d5	7.47	82	1003866	97.45	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.26	172	1785247	100.58	ng	0.00
78) Terphenyl-d14	13.01	244	1599106	98.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	150194	33.28	ng	# 84
3) Pyridine	3.26	79	370711	32.31	ng	88
4) n-Nitrosodimethylamine	3.28	42	213730	39.67	ng	86
6) Aniline	6.56	93	306842	20.93	ng	# 48
10) Phenol	6.54	94	172954	13.76	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	387547	38.62	ng	93
12) 1,3-Dichlorobenzene	6.83	146	428765m	39.73	ng	
13) 1,4-Dichlorobenzene	6.91	146	442281	40.49	ng	98
14) 1,2-Dichlorobenzene	7.07	146	447211	42.82	ng	95
15) Benzyl Alcohol	7.04	79	355349	44.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	721698	41.40	ng	96
17) 2-Methylphenol	7.16	107	136695	17.29	ng	98
18) Hexachloroethane	7.41	117	154691	41.49	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	306213	44.76	ng	97
20) 3+4-Methylphenols	7.32	107	200478	21.21	ng	# 74
22) Acetophenone	7.31	105	575758	43.96	ng	# 93
24) Nitrobenzene	7.48	77	422723	39.96	ng	97
25) Isophorone	7.72	82	903695	47.08	ng	100
27) 2,4-Dimethylphenol	7.84	122	172750	19.56	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	539789	42.46	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	368978	41.57	ng	95
31) Naphthalene	8.21	128	3122785	107.39	ng	99
32) Benzoic acid	7.97	122	58586	17.13	ng	# 12
33) 4-Chloroaniline	8.26	127	333953	29.28	ng	95
34) Hexachlorobutadiene	8.33	225	196583	40.26	ng	97
35) Caprolactam	8.59	113	94204	36.36	ng	# 33
37) 2-Methylnaphthalene	8.90	142	1509917	80.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333199	36.91	ng	99
40) Hexachlorocyclopentadiene	9.05	237	230126	56.51	ng	94
45) 1,1'-Biphenyl	9.36	154	1175928	50.50	ng	96
46) 2-Chloronaphthalene	9.39	162	781251	42.89	ng	95
47) 2-Nitroaniline	9.48	65	228785	37.36	ng	99
48) Acenaphthylene	9.80	152	1279443	40.66	ng	99
49) Dimethylphthalate	9.66	163	729537	33.68	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.73	165	216400	46.26	nq	# 87
51) Acenaphthene	9.97	154	1744972	92.75	nq	96
52) 3-Nitroaniline	9.90	138	207900	38.84	nq	# 72
54) Dibenzofuran	10.14	168	2156388	85.70	nq	98
56) 2,4-Dinitrotoluene	10.13	165	246643	39.61	nq	93
57) Fluorene	10.50	166	2001297	103.38	nq	98
59) Diethylphthalate	10.36	149	790383	38.72	nq	96
60) 4-Chlorophenyl-phenylether	10.48	204	313198	33.68	nq	98
61) 4-Nitroaniline	10.51	138	235909	43.03	nq	88
62) Azobenzene	10.64	77	882110	41.83	nq	89
65) n-Nitrosodiphenylamine	10.60	169	847611	51.61	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	227478	42.35	nq	93
67) Hexachlorobenzene	11.04	284	208973	39.37	nq	# 84
68) Atrazine	11.13	200	220583	41.85	nq	100
70) Phenanthrene	11.47	178	5340721m	181.31	nq	
71) Anthracene	11.51	178	1619765m	54.76	nq	
72) Carbazole	11.67	167	1475777	52.19	nq	97
73) Di-n-butylphthalate	11.99	149	1318811	43.12	nq	# 97
74) Fluoranthene	12.65	202	3539522	116.49	nq	98
76) Benzydine	12.76	184	341070	20.88	nq	96
77) Pyrene	12.88	202	2883938	100.52	nq	99
79) Butylbenzylphthalate	13.48	149	517902	44.45	nq	87
80) Benzo(a)anthracene	14.05	228	1653334	70.51	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	255729	30.60	nq	# 95
82) Chrysene	14.10	228	1315465	59.92	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	802989	50.40	nq	# 96
84) Di-n-octyl phthalate	14.65	149	1246068	48.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	962104	56.58	nq	95
87) Benzo(b)fluoranthene	15.09	252	1229659m	52.98	nq	
88) Benzo(k)fluoranthene	15.13	252	1010845m	50.44	nq	
89) Benzo(a)pyrene	15.45	252	1053346m	52.47	nq	
90) Dibenzo(a,h)anthracene	16.96	278	765476	47.18	nq	97
91) Benzo(a,h,i)perylene	17.38	276	830897	50.69	nq	# 91

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

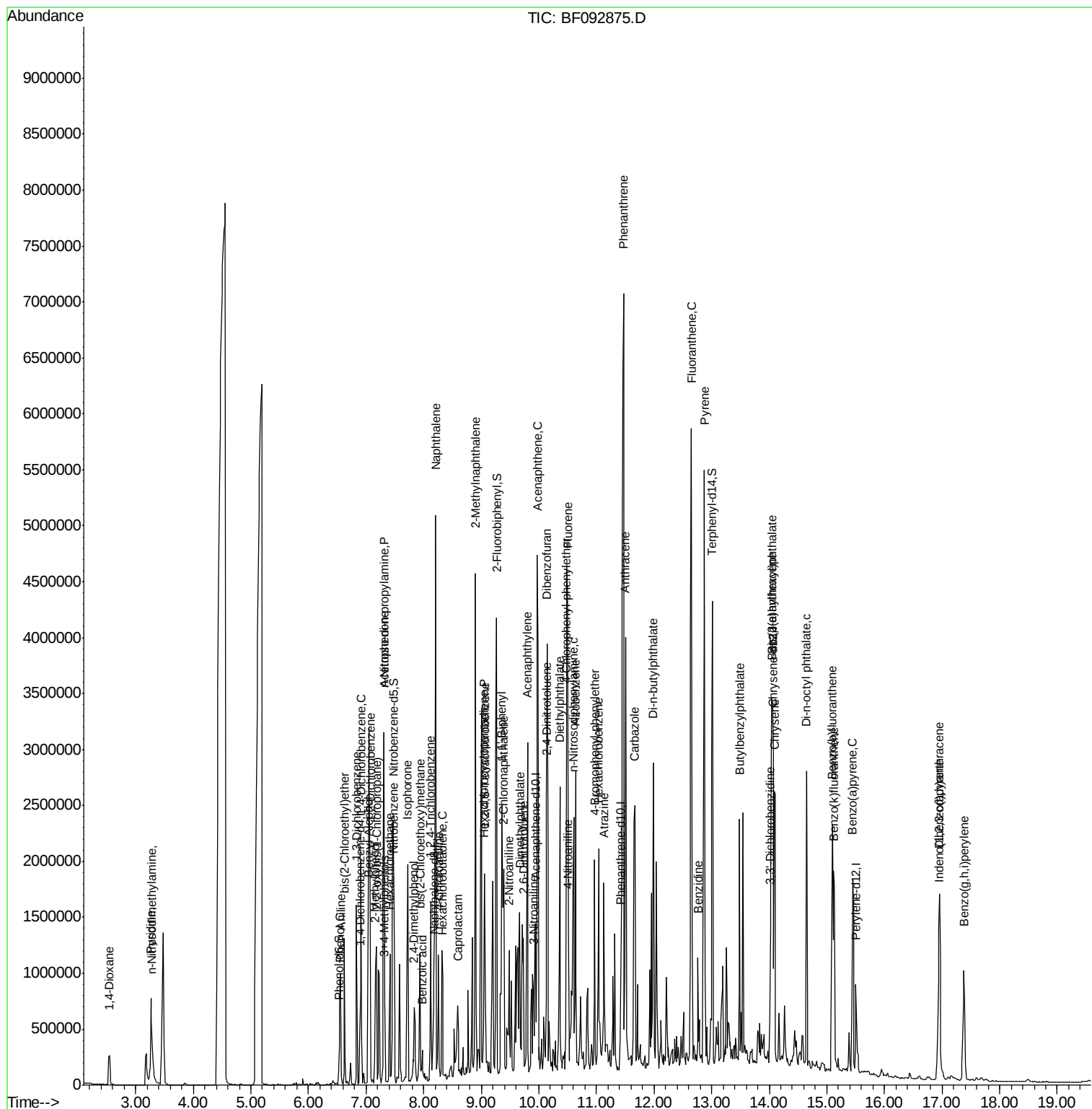
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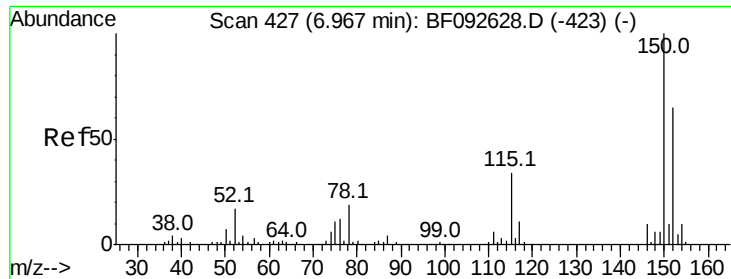
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#1

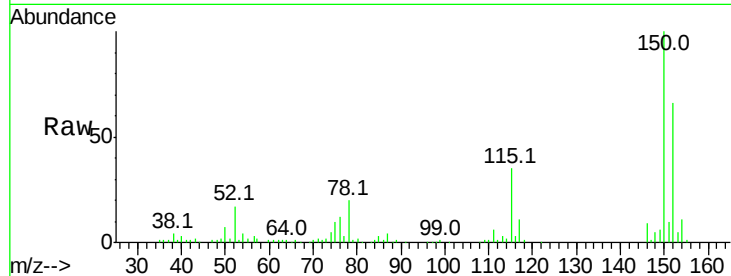
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

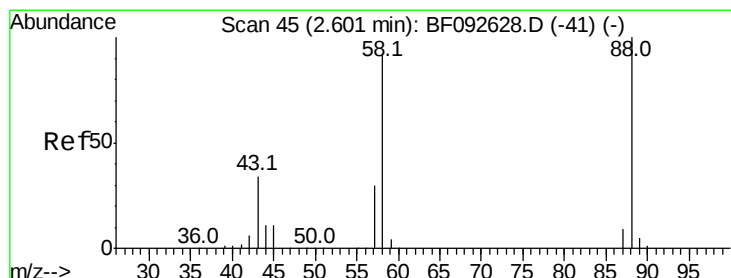
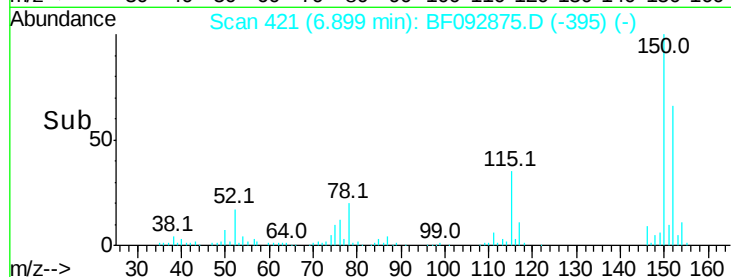
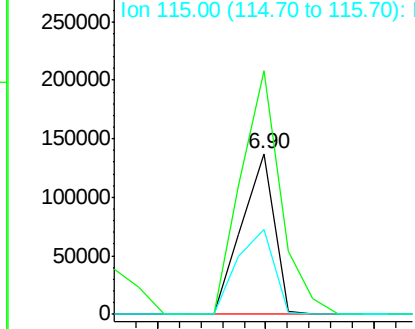
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.9	187.3
115	52.6	46.0	69.0

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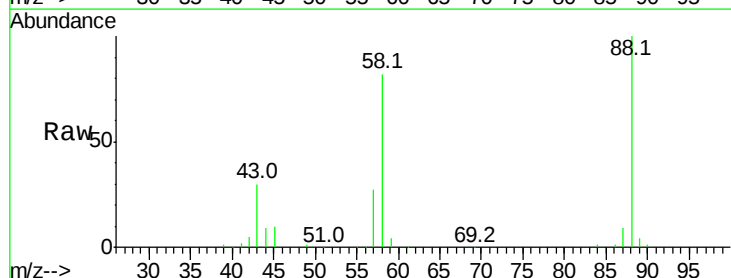
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



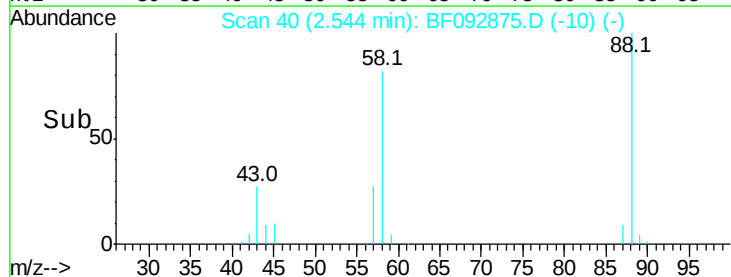
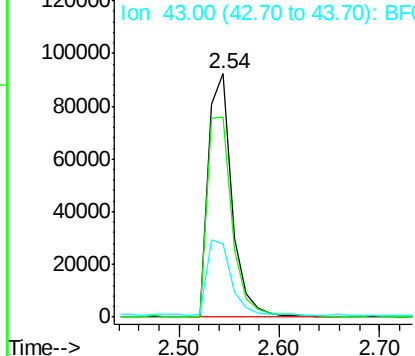
#2

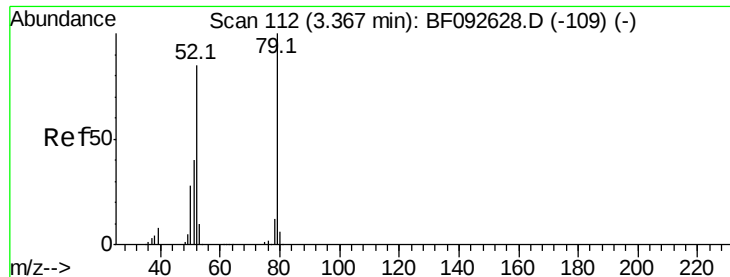
1,4-Dioxane
Concen: 33.28 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.05 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	57.8	86.8#
43	31.9	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.31 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

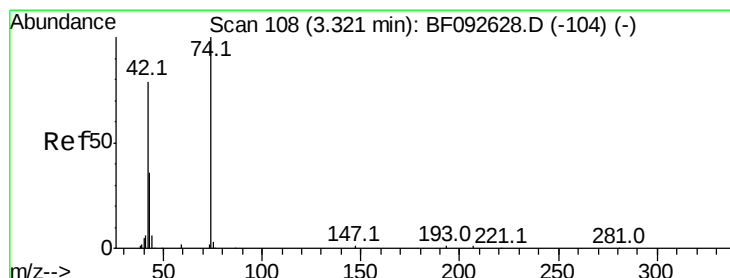
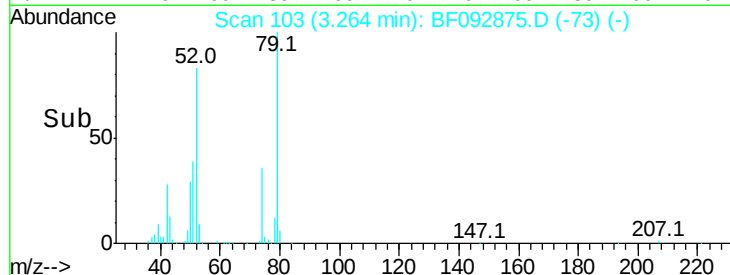
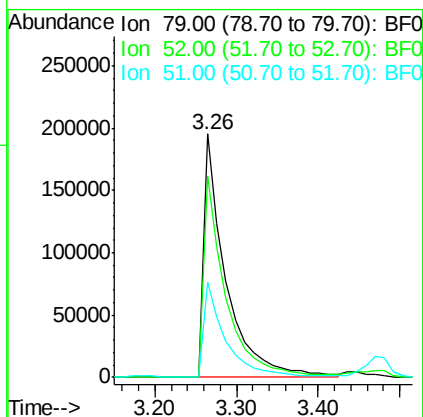
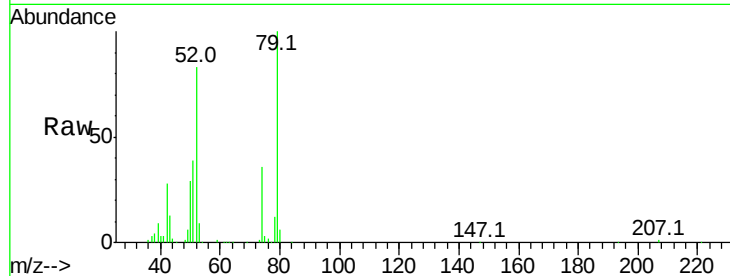
ClientSampleId :

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Tot Ion:	79	Resp:	370711
Ion Ratio	Lower	Upper	
79	100		
52	82.6	57.1	85.7
51	38.9	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.67 ng

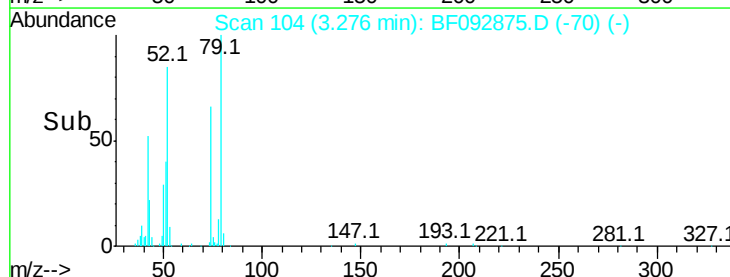
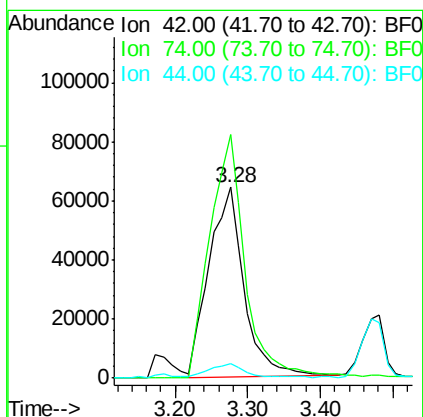
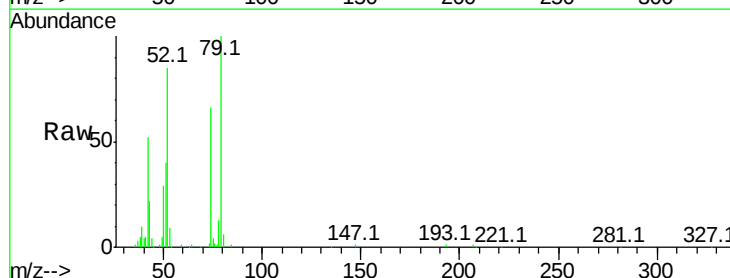
RT: 3.28 min Scan# 104

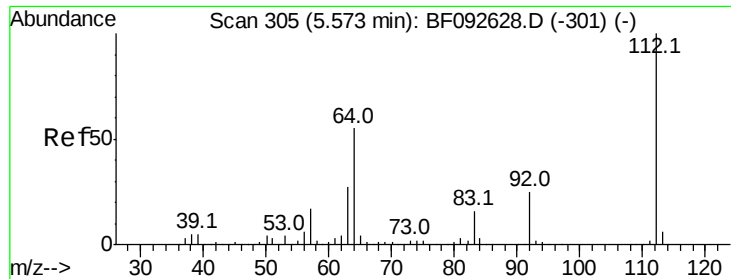
Delta R.T. 0.09 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	42	Resp:	213730
Ion Ratio	Lower	Upper	
42	100		
74	127.6	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 0.23 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

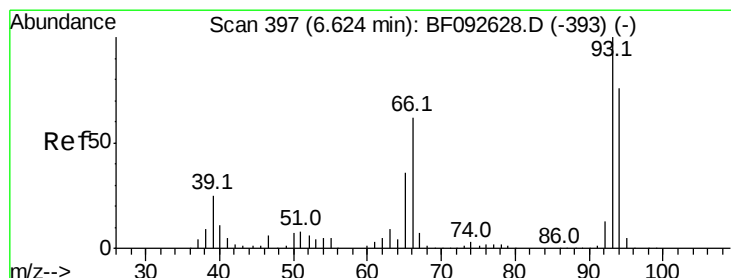
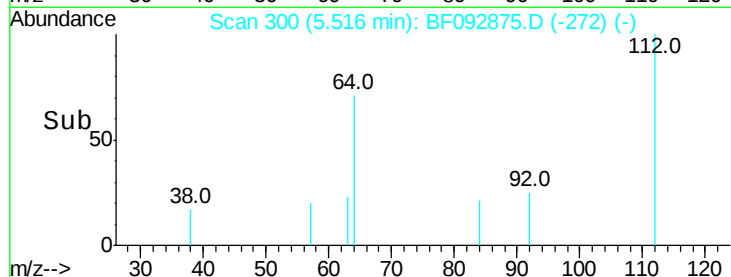
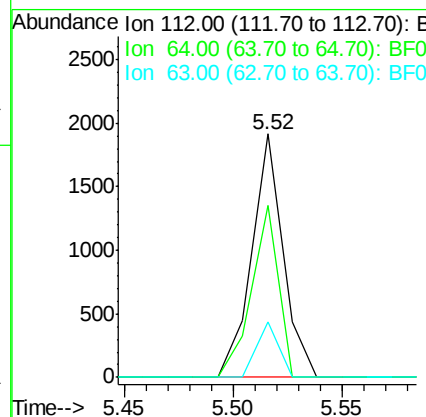
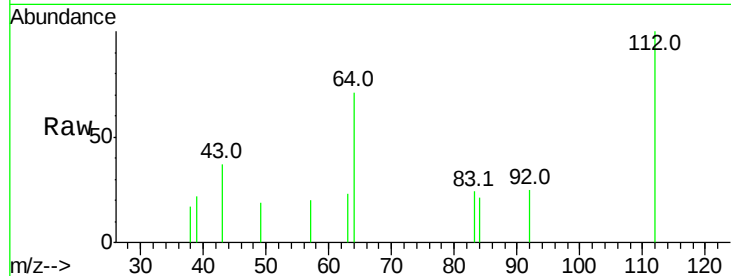
ClientSampleId :

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Tot Ion:	112	Resp:	1920
Ion Ratio	Lower	Upper	
112	100		
64	70.7	46.1	69.1#
63	22.8	23.8	35.6#

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#6

Aniline

Concen: 20.93 ng

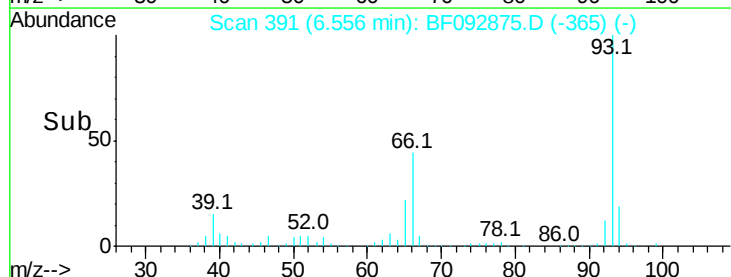
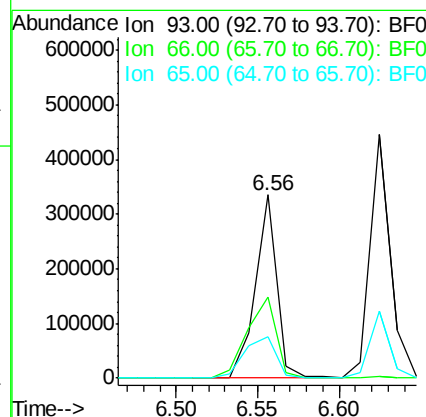
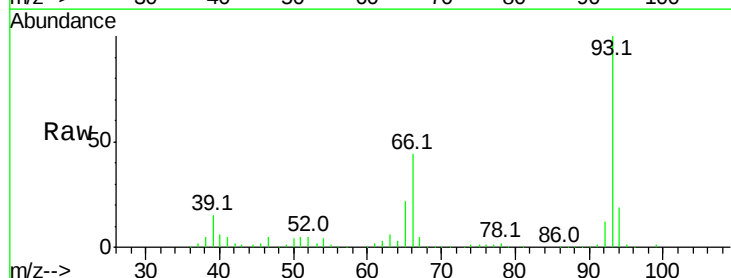
RT: 6.56 min Scan# 391

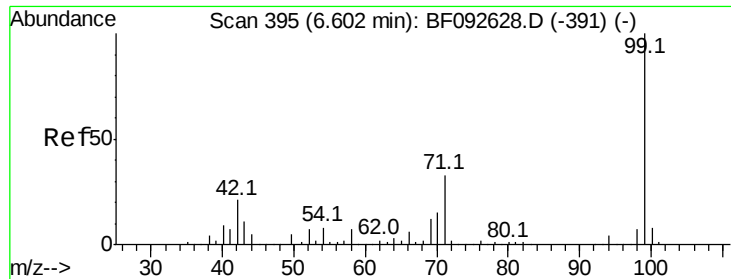
Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	93	Resp:	306842
Ion Ratio	Lower	Upper	
93	100		
66	44.4	76.2	114.2#
65	22.3	49.3	73.9#





#7

Phenol-d6

Concen: 10.27 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

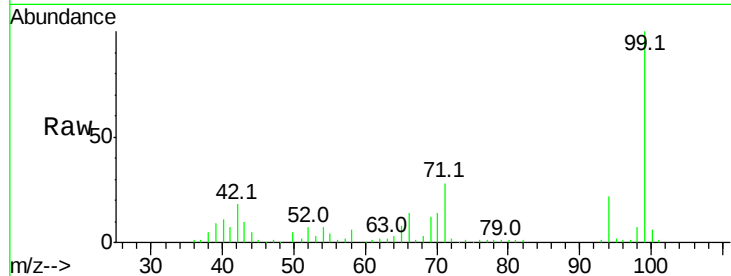
ClientSampleId :

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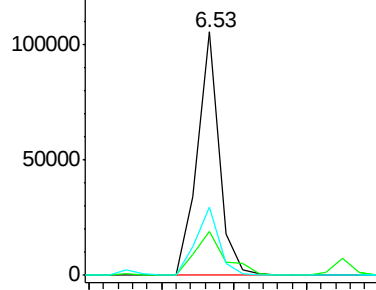
Tot Ion:	99	Resp:	110381
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.6	23.4
71	28.2	27.5	41.3

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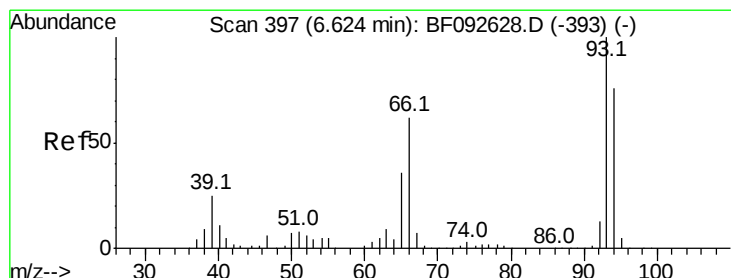
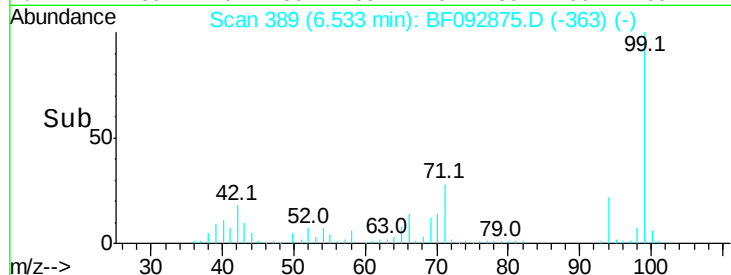
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 13.76 ng

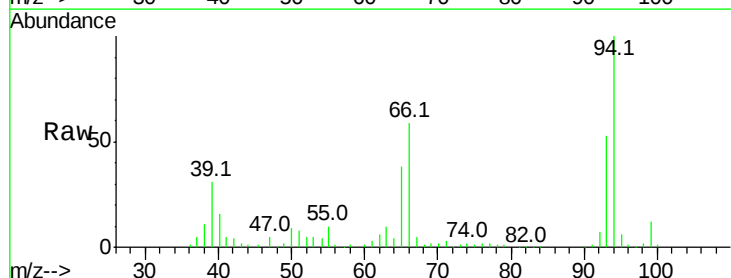
RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

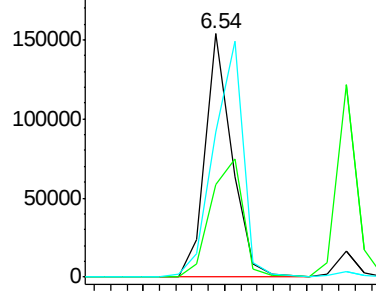
Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

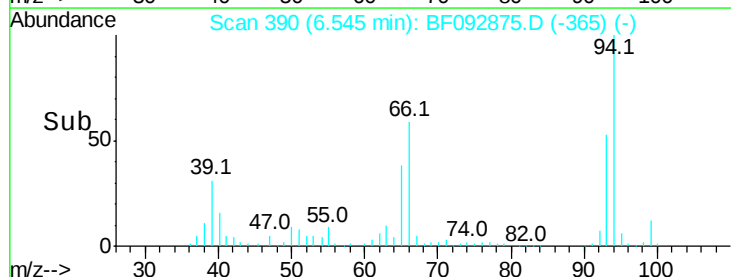
Tgt Ion:	94	Resp:	172954
Ion Ratio	Lower	Upper	
94	100		
65	38.2	21.4	61.4
66	59.4	44.0	84.0

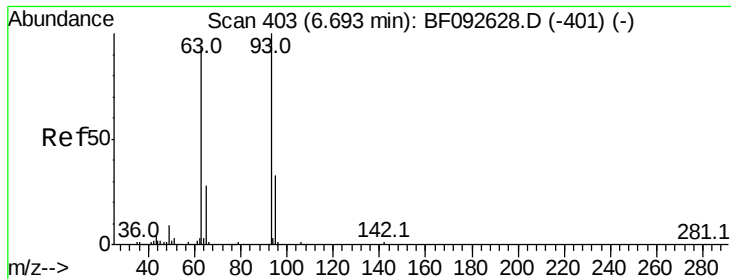


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time-->





#11

bis(2-Chloroethyl)ether

Concen: 38.62 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092875.D

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BNA_F

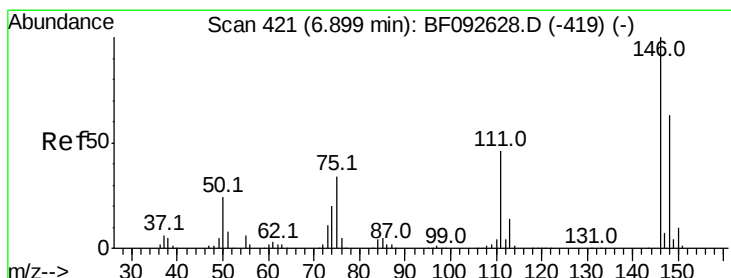
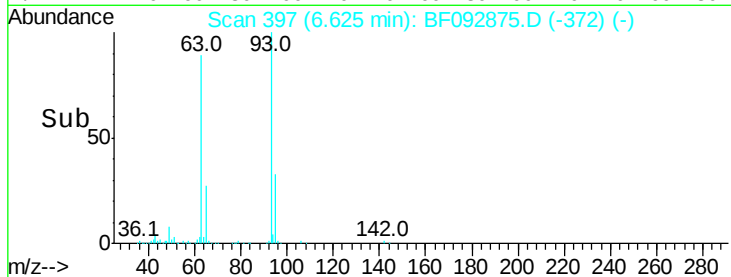
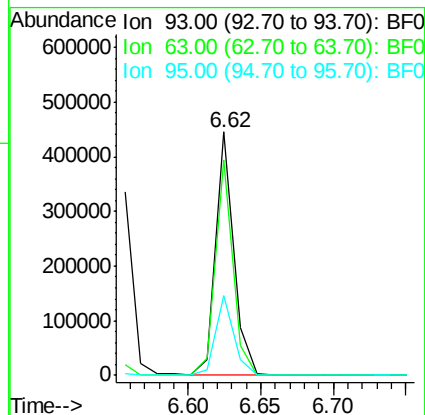
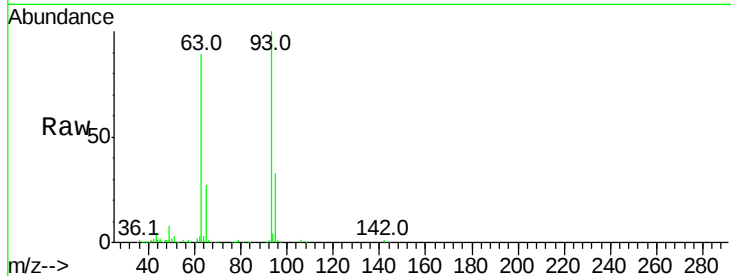
ClientSampleId :

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Tot Ion:	93	Resp:	387547
Ion Ratio	Lower	Upper	
93	100		
63	88.5	60.4	100.4
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.73 ng m

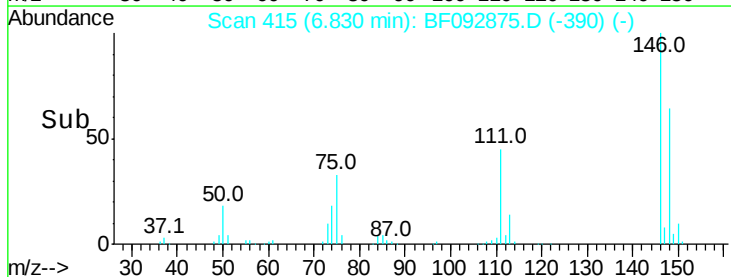
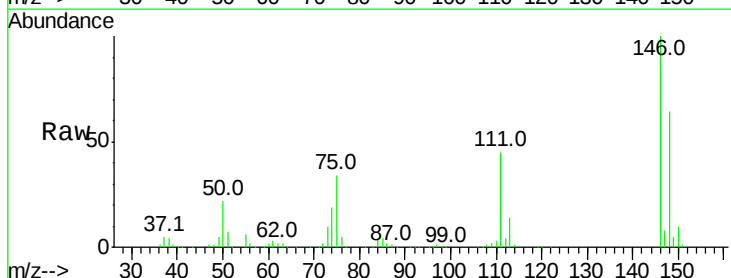
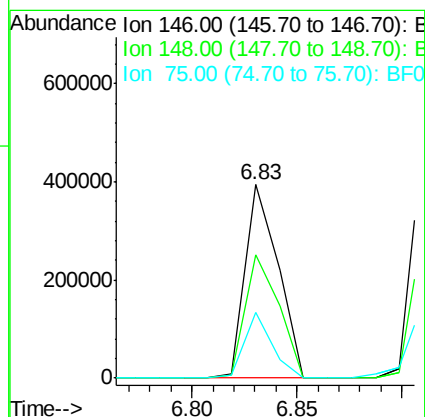
RT: 6.83 min Scan# 415

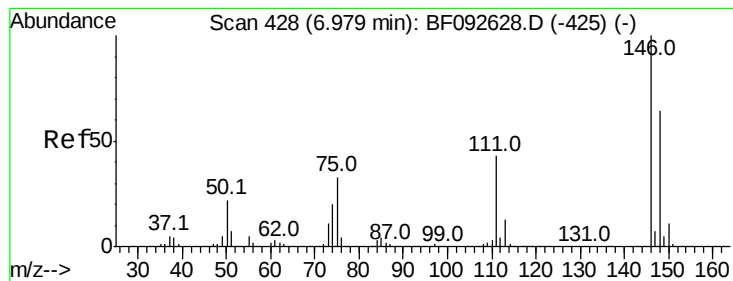
Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	146	Resp:	428765
Ion Ratio	Lower	Upper	
146	100		
148	63.7	53.4	80.0
75	33.9	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 40.49 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

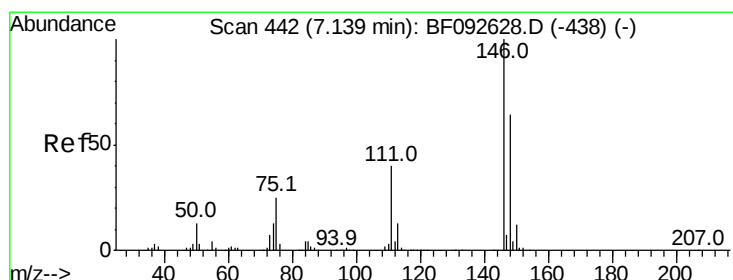
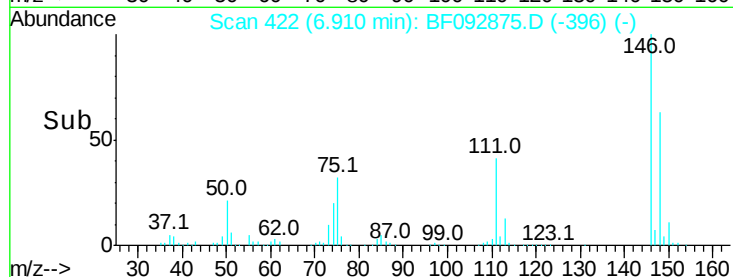
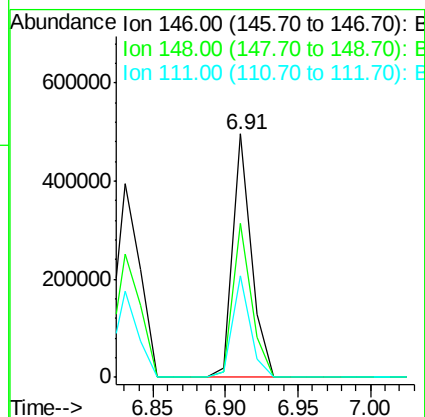
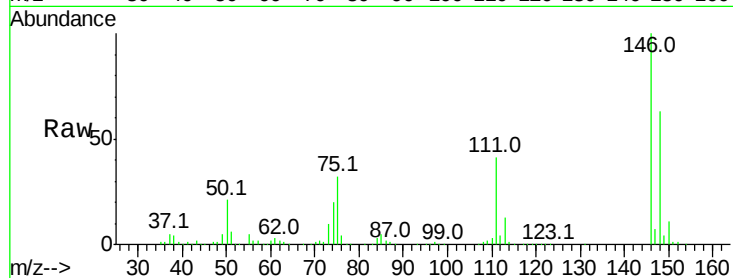
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	41.4	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.82 ng

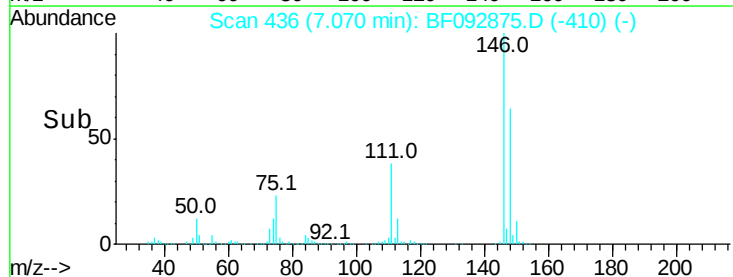
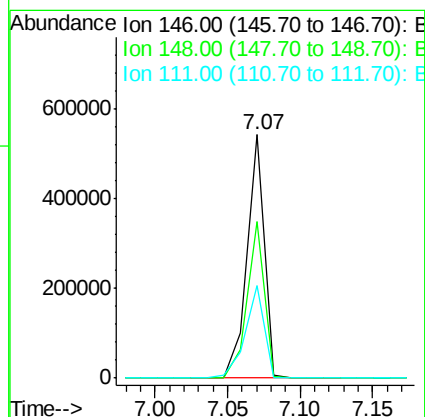
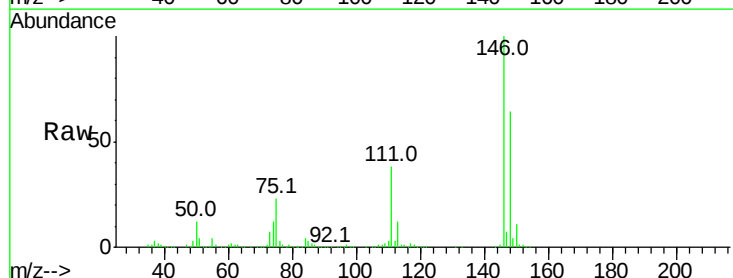
RT: 7.07 min Scan# 436

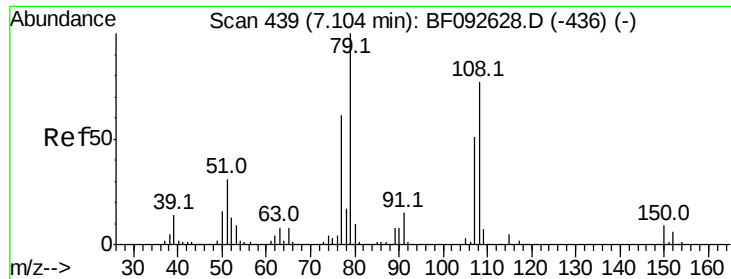
Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	38.0	36.2	54.2





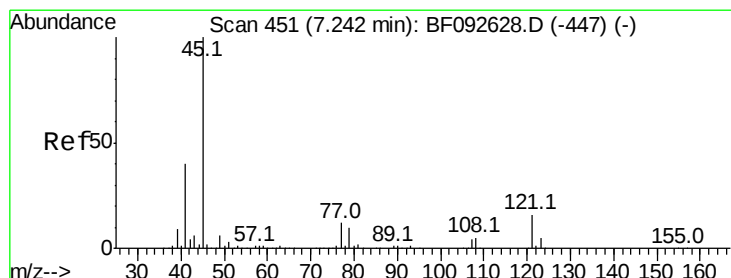
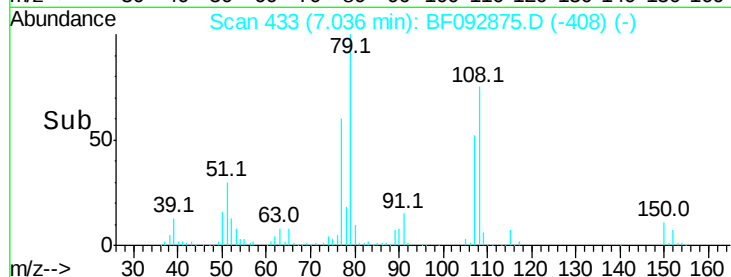
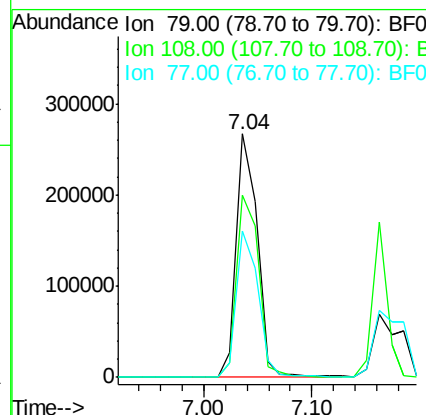
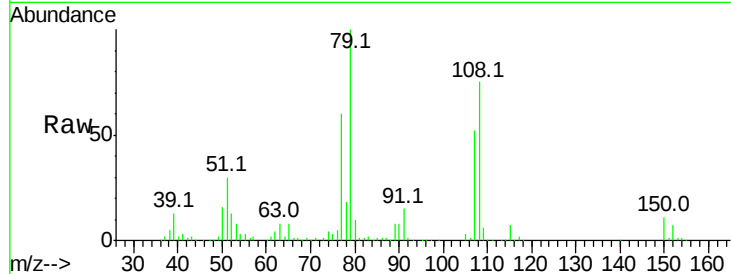
#15
Benzyl Alcohol
Concen: 44.67 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	61.4	92.0
77	60.0	50.9	76.3

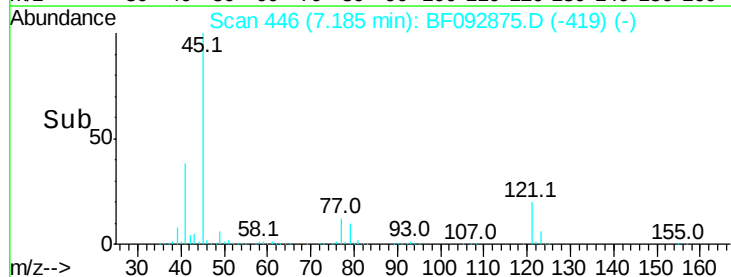
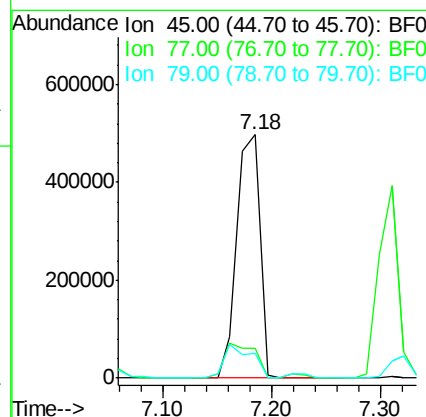
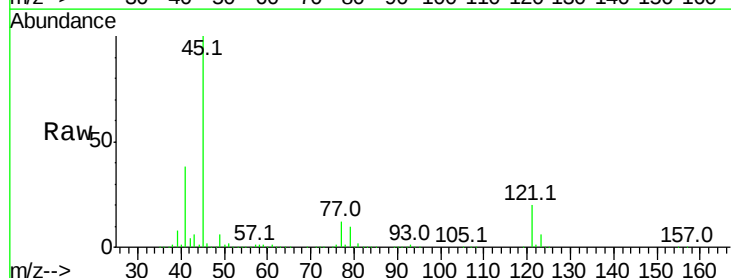
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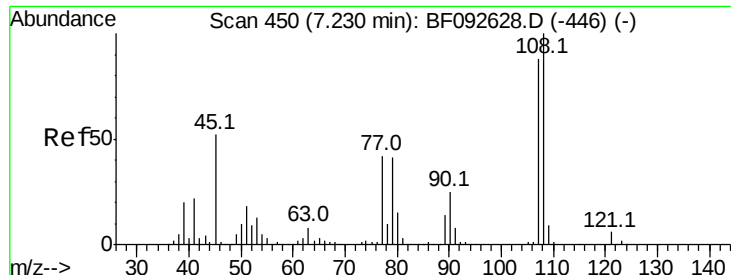
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.40 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	34.6
79	10.3	0.0	31.2





#17

2-Methylphenol

Concen: 17.29 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

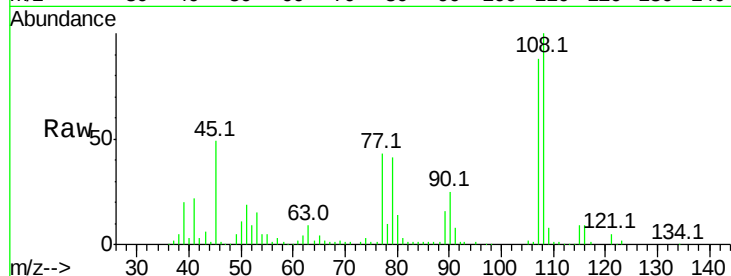
ClientSampleId :

E2-B1-B2021-CONCRETEMS

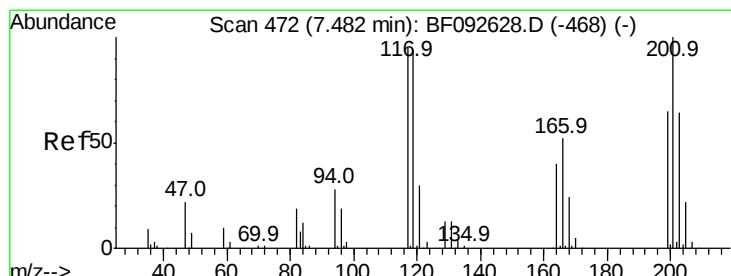
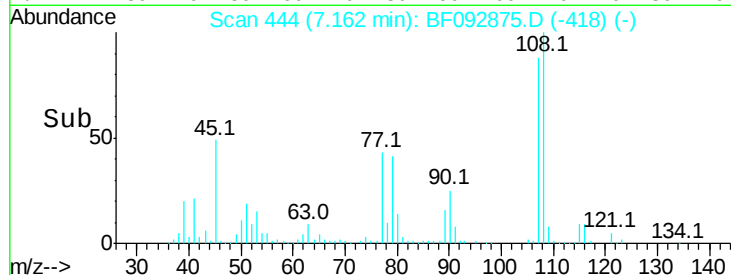
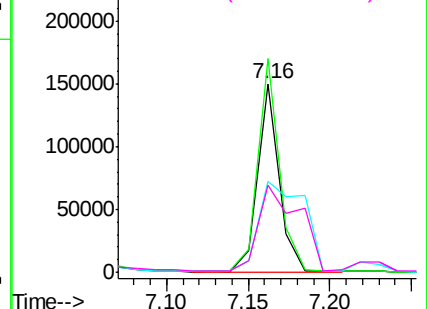
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	93.0	139.6	
77	48.4	39.8	59.8	
79	46.3	38.0	57.0	

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.49 ng

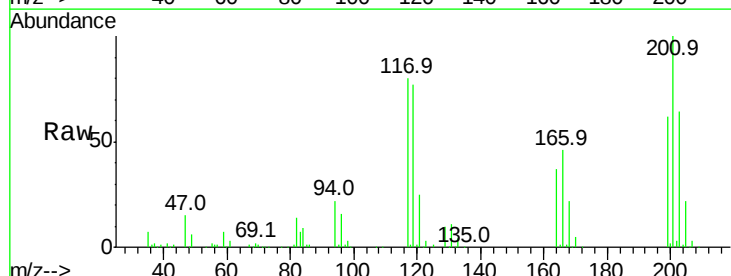
RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

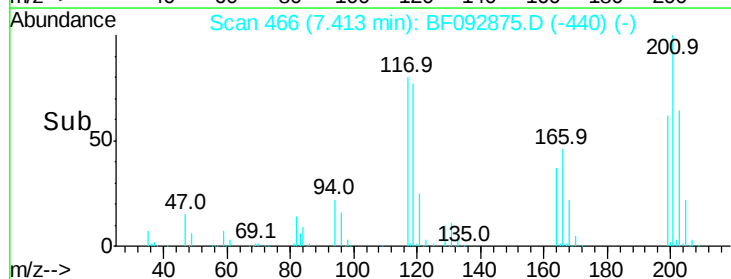
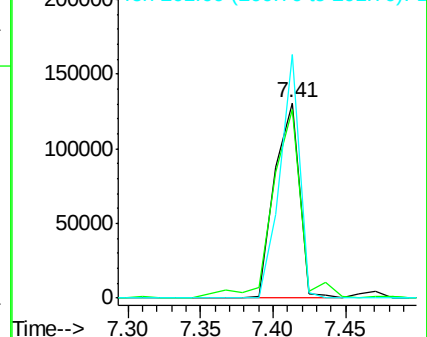
Lab File: BF092875.D

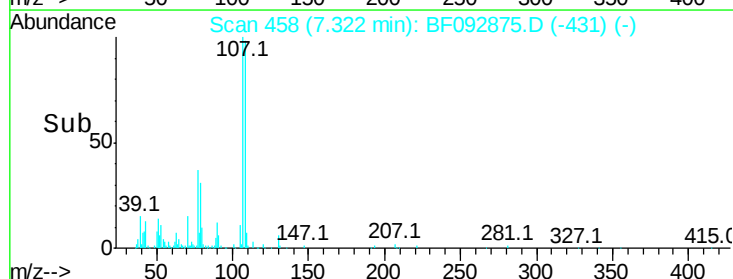
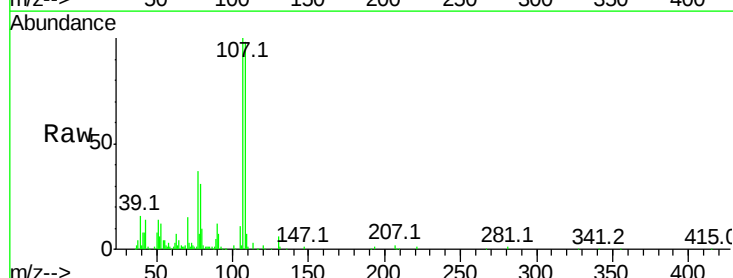
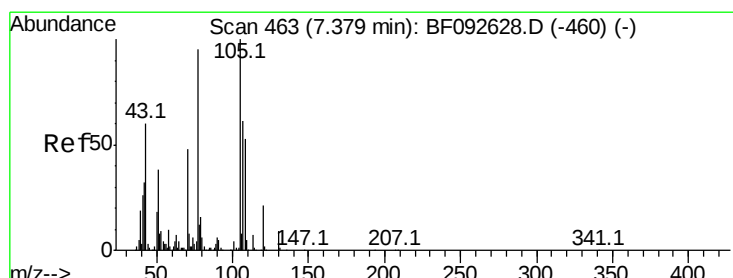
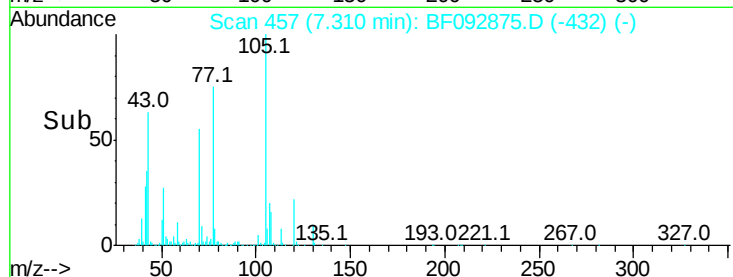
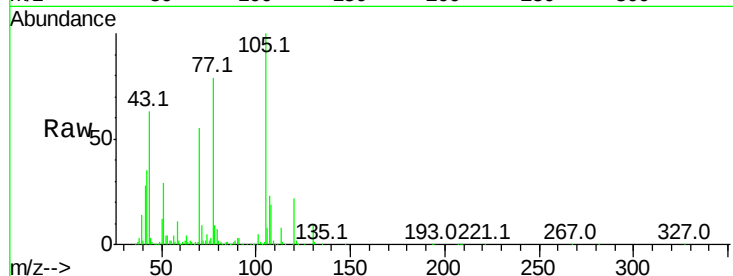
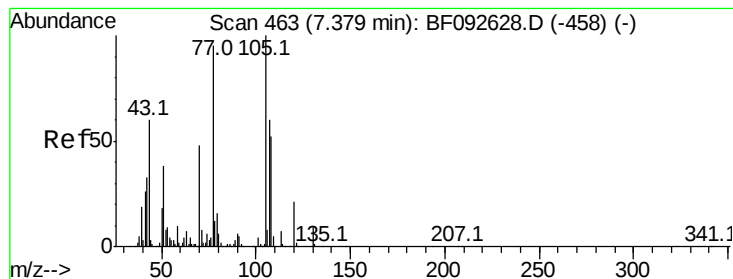
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.1	117.1	
201	124.7	78.6	117.8#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.76 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion: 70 Resp: 306213

Ion Ratio Lower Upper

70 100

42 64.5 49.4 74.0

101 9.1 7.4 11.2

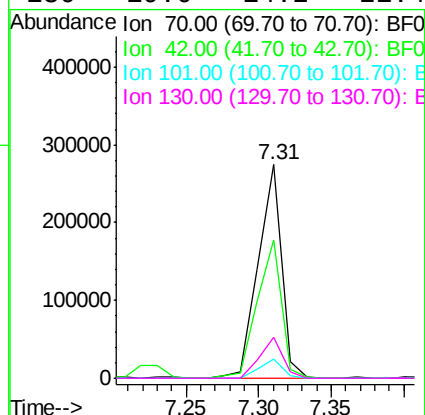
130 19.0 14.2 21.4

Manual Integrations

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#20

3+4-Methylphenols

Concen: 21.21 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion: 107 Resp: 200478

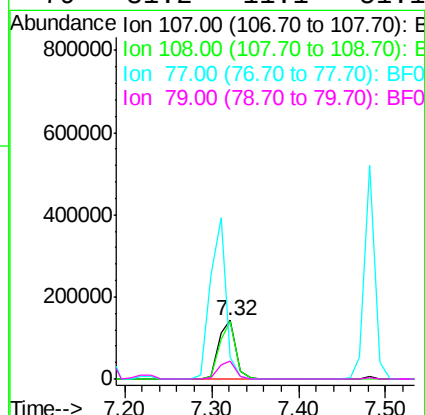
Ion Ratio Lower Upper

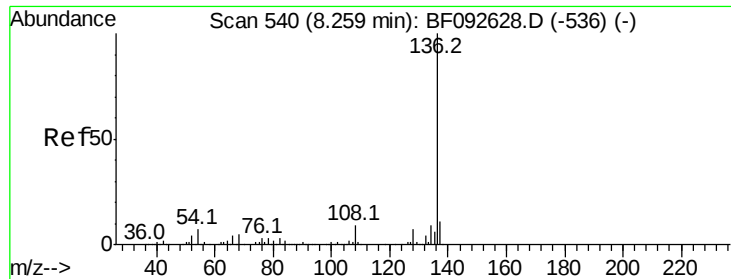
107 100

108 98.2 73.0 113.0

77 37.3 71.3 111.3#

79 31.2 11.1 51.1





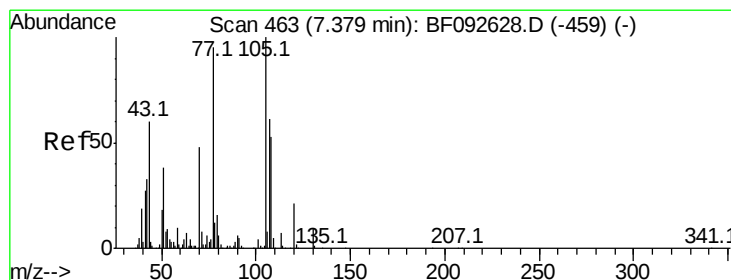
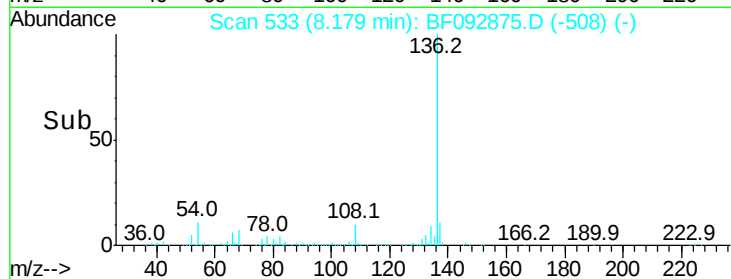
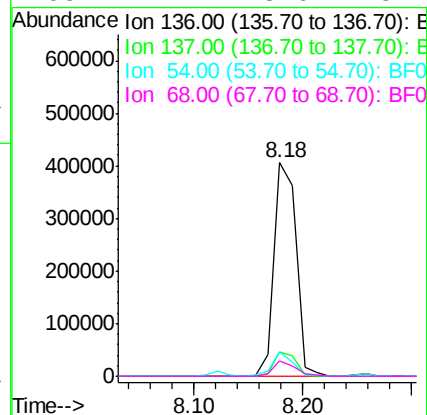
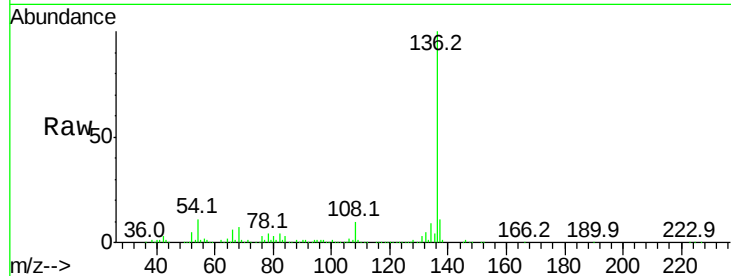
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.4	12.6	
54	11.1	4.5	6.7#	
68	7.4	3.6	5.4#	

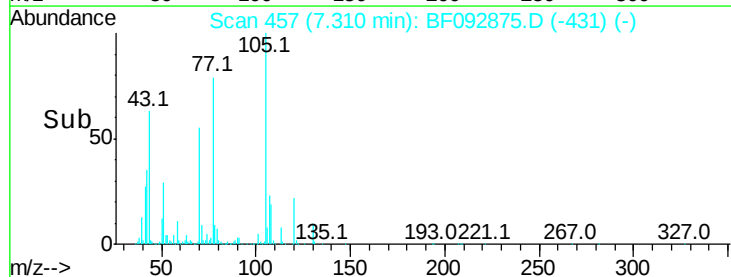
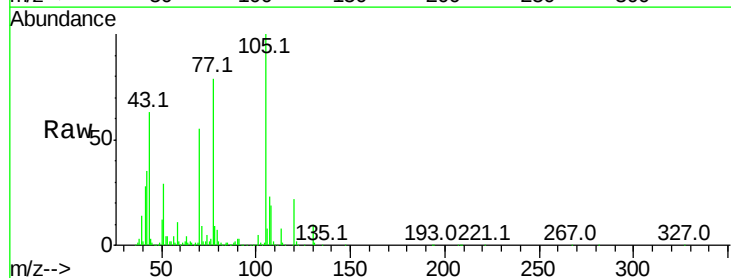
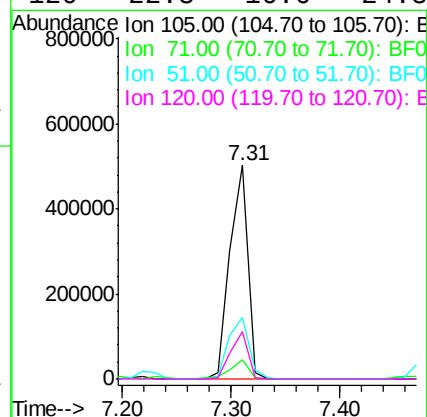
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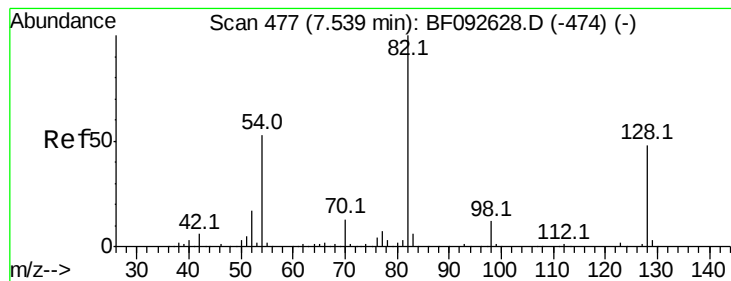
mohammad
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#22
Acetophenone
Concen: 43.96 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	3.2	4.8#	
51	28.6	26.2	39.4	
120	22.3	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 97.45 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion: 82 Resp: 1003866

Ion Ratio Lower Upper

82 100

128 48.6 34.6 52.0

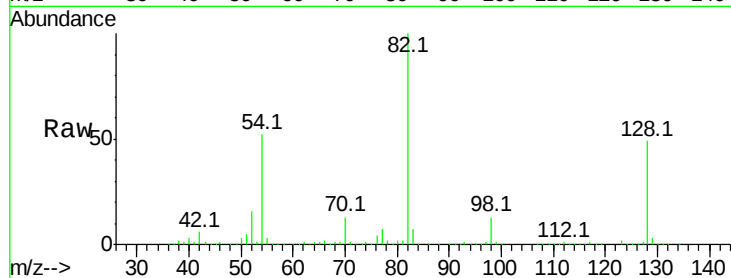
54 51.9 39.5 59.3

Manual Integrations

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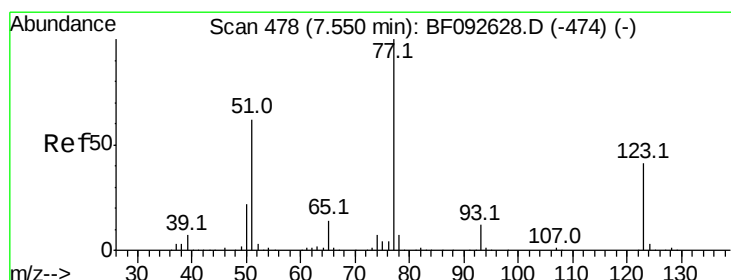
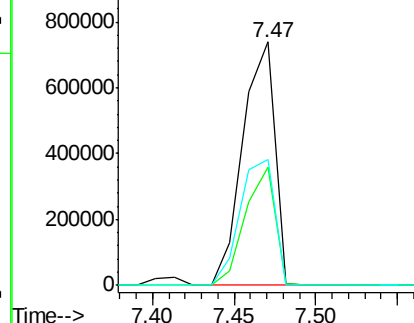
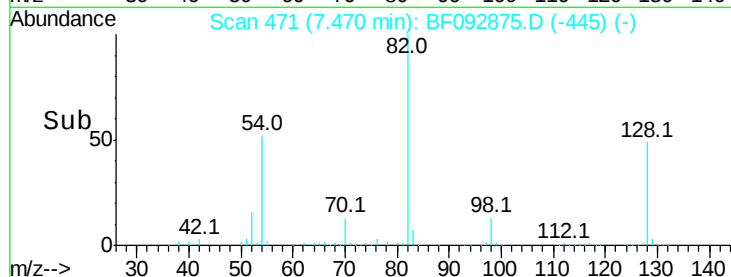
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.96 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

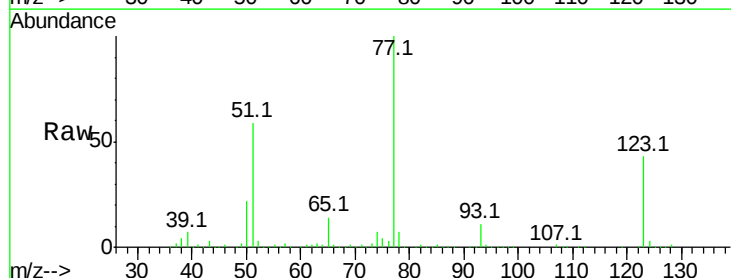
Tgt Ion: 77 Resp: 422723

Ion Ratio Lower Upper

77 100

123 43.5 33.0 49.4

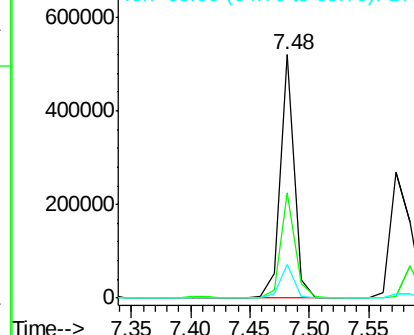
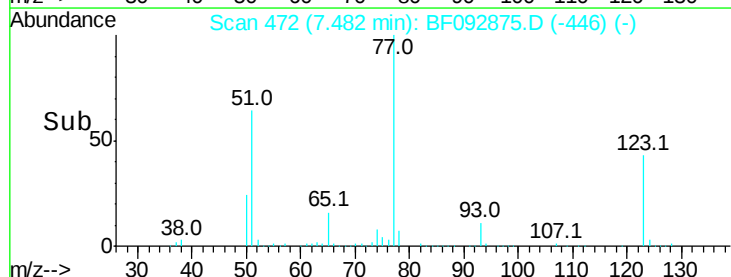
65 14.1 11.2 16.8

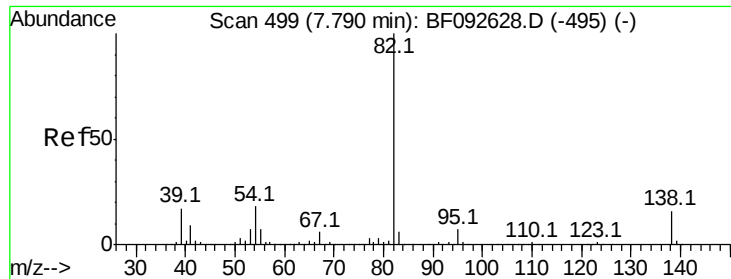


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.08 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

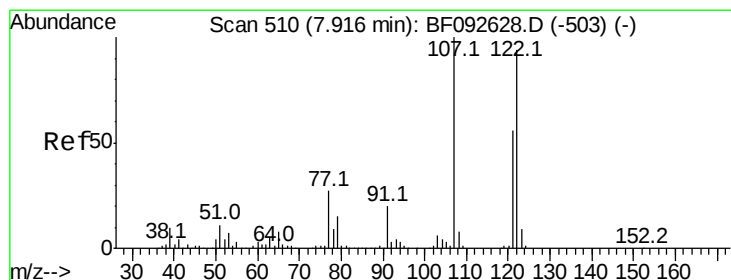
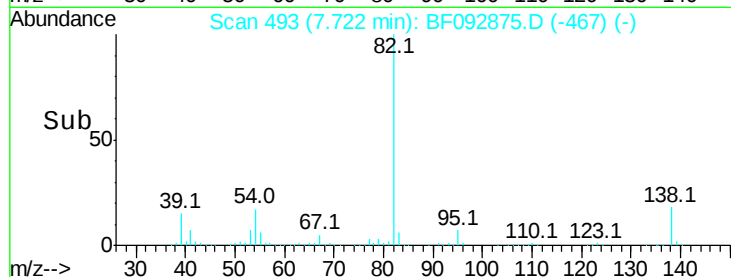
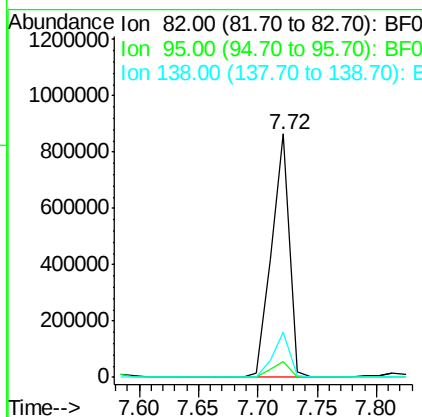
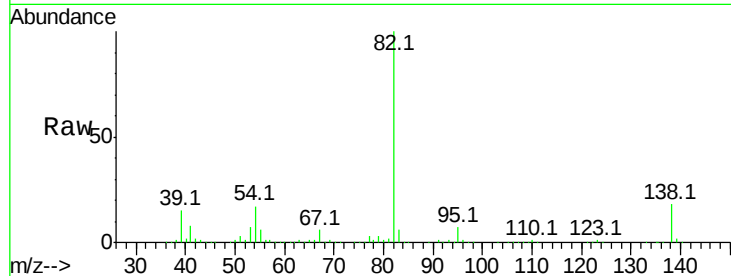
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:	82	Resp:	903695
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	18.4	14.6	22.0

Manual Integrations
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#27

2,4-Dimethylphenol

Concen: 19.56 ng

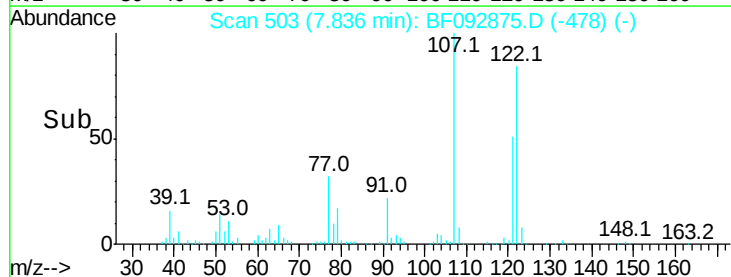
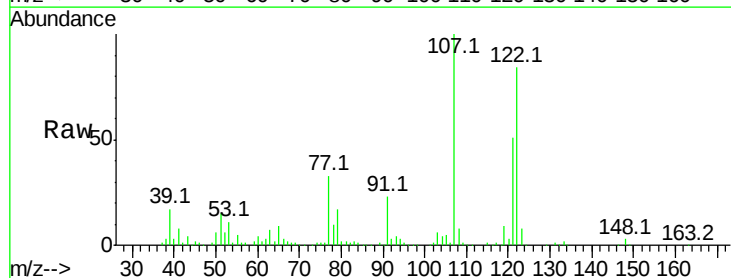
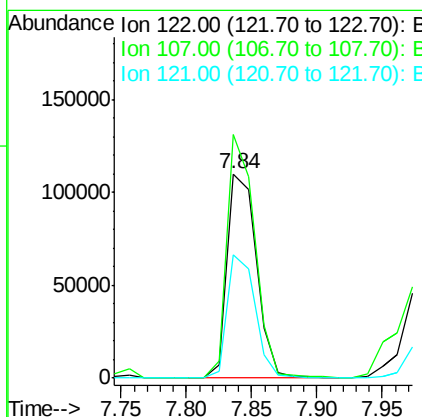
RT: 7.84 min Scan# 503

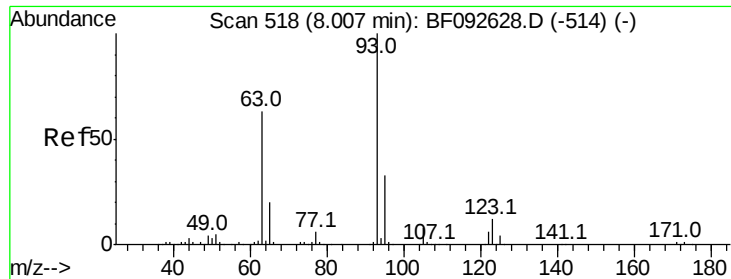
Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	122	Resp:	172750
Ion Ratio	Lower	Upper	
122	100		
107	119.1	94.1	141.1
121	60.2	46.0	69.0





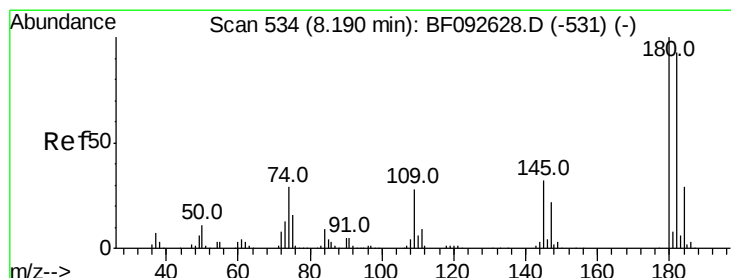
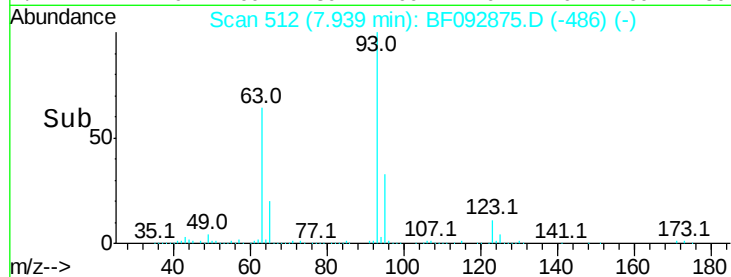
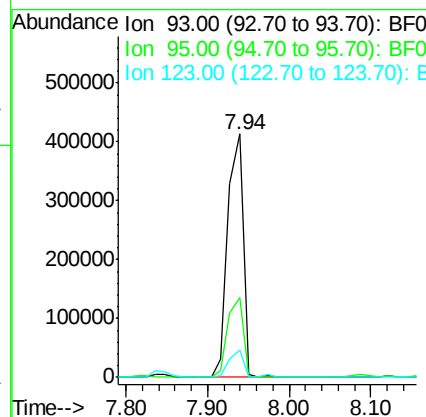
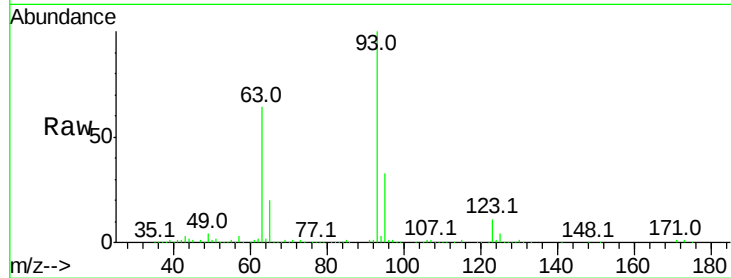
#28
bis(2-Chloroethoxy)methane
Concen: 42.46 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.5	39.7	
123	11.4	8.6	13.0	

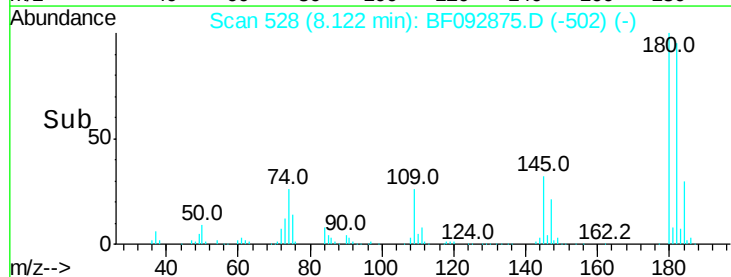
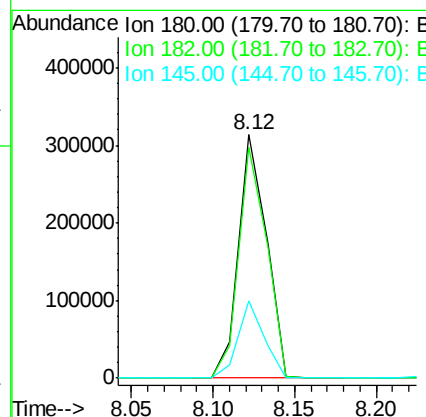
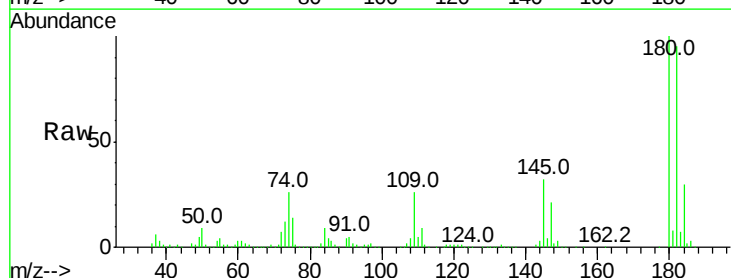
Manual Integrations
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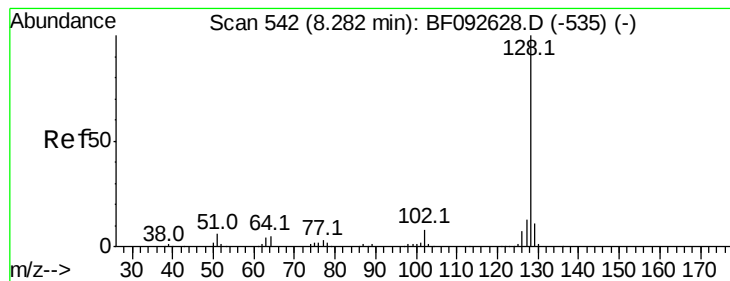
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.57 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 107.39 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:128 Resp: 3122785

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

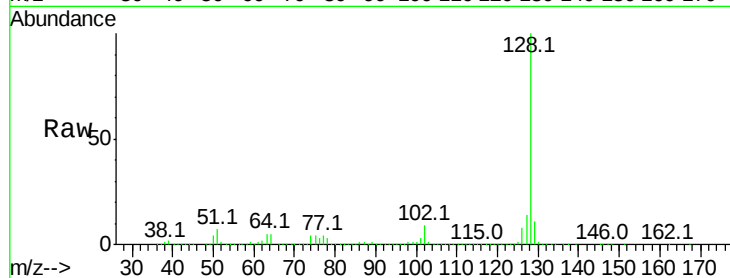
127 14.1 10.8 16.2

Manual Integrations

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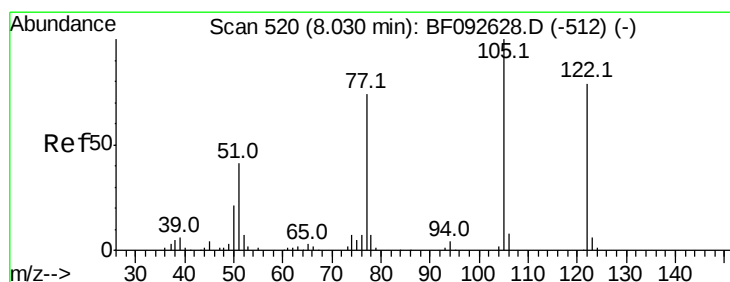
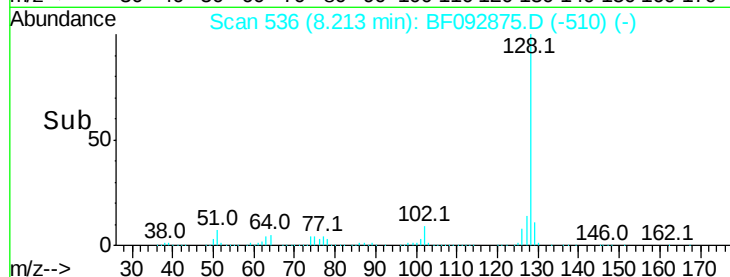
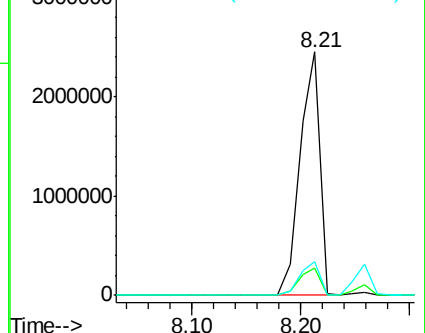
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.13 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

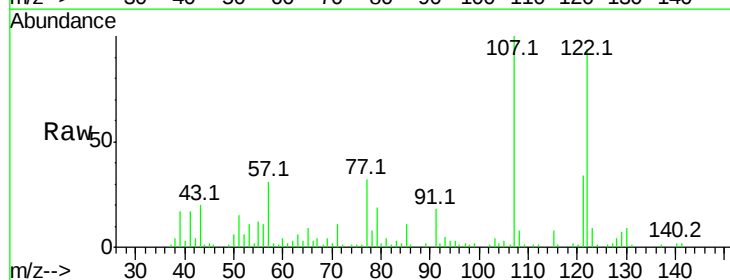
Tgt Ion:122 Resp: 58586

Ion Ratio Lower Upper

122 100

105 3.4 107.2 147.2#

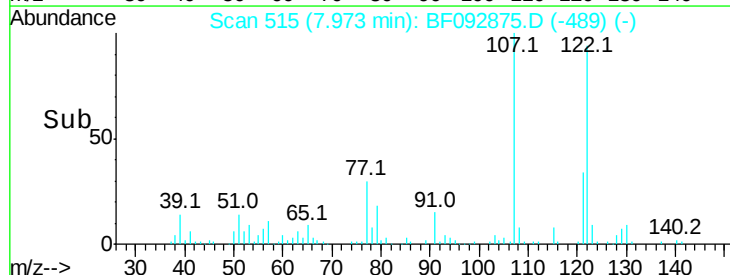
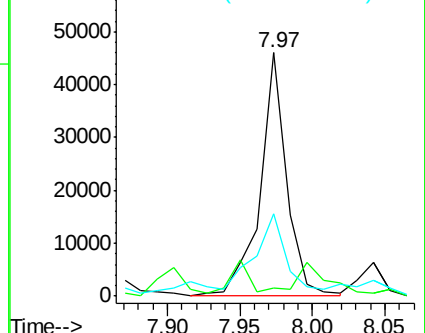
77 33.7 74.5 114.5#

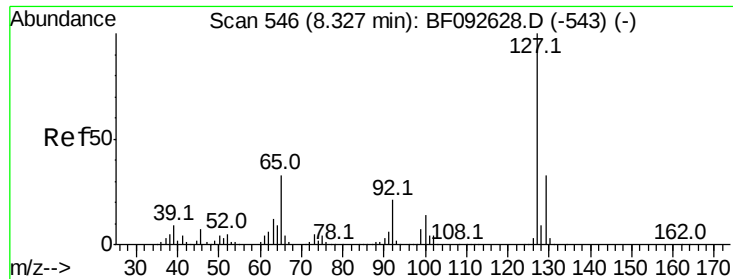


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





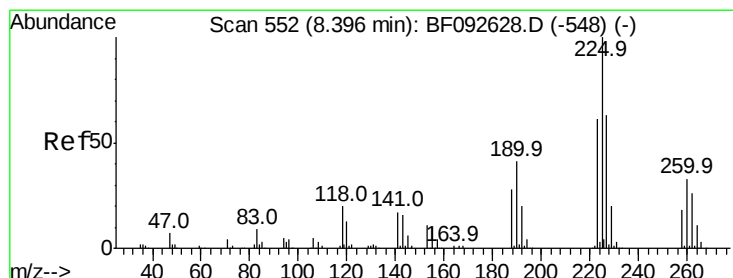
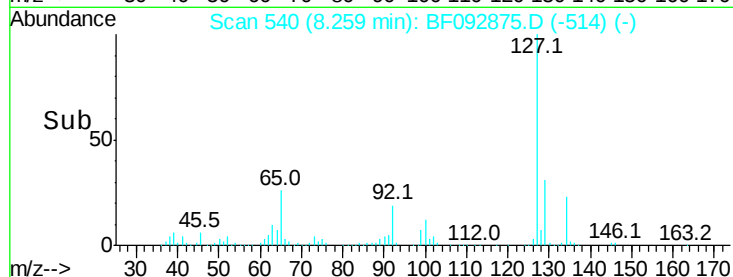
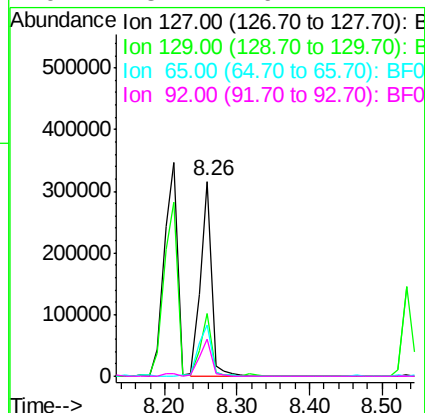
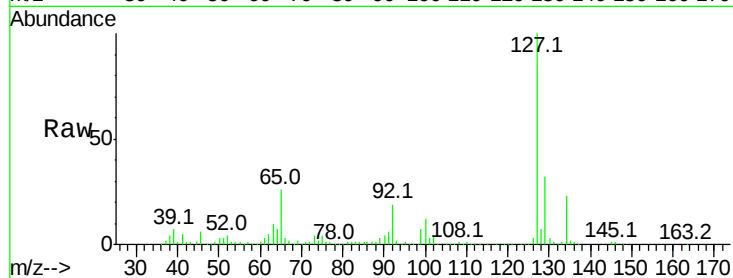
#33
4-Chloroaniline
Concen: 29.28 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	26.2	25.8	38.8		
92	18.7	16.1	24.1		

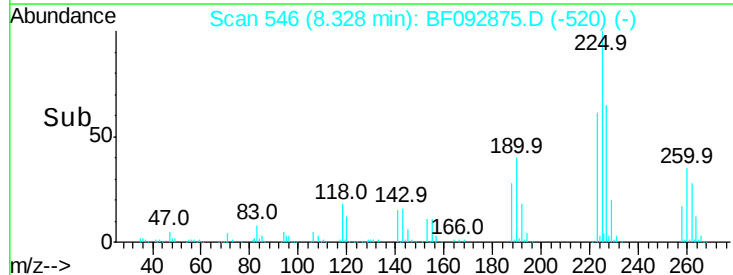
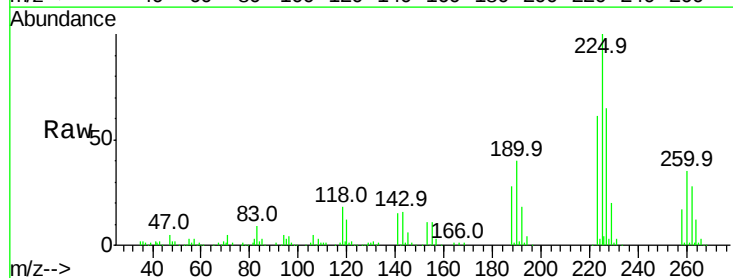
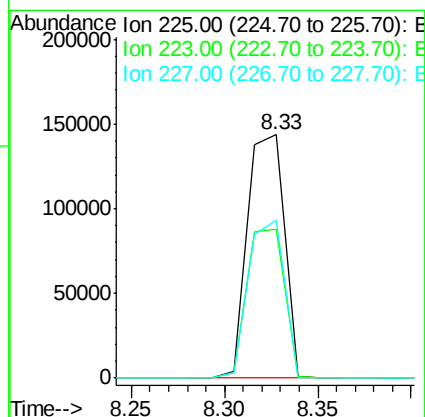
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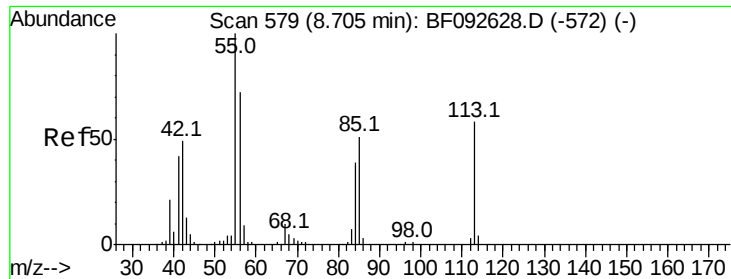
mohammad
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#34
Hexachlorobutadiene
Concen: 40.26 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	51.0	76.6		
227	64.9	50.6	76.0		





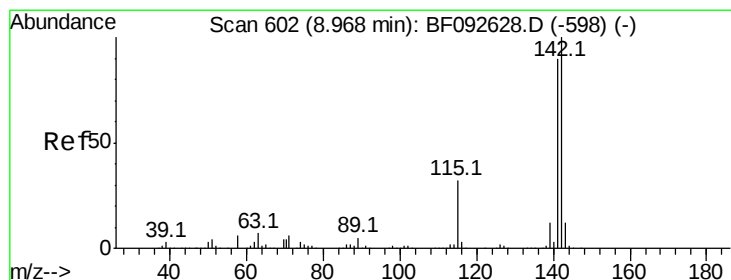
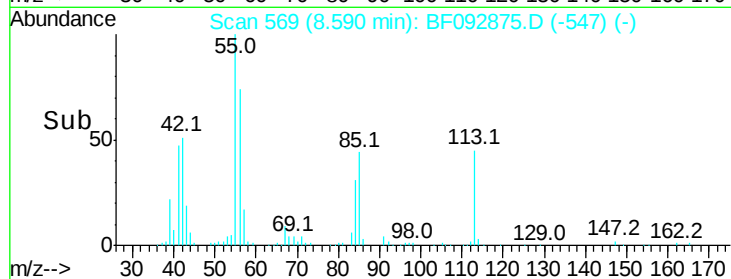
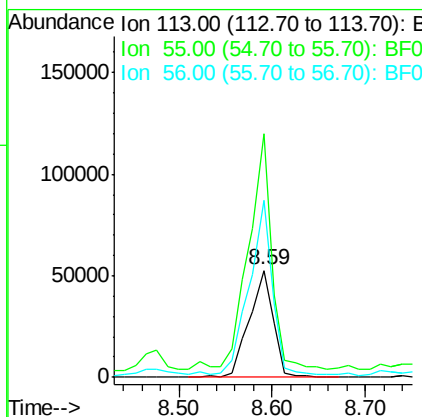
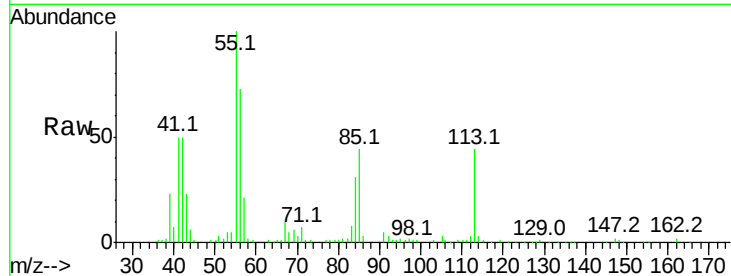
#35
 Caprolactam
 Concen: 36.36 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.05 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Tot Ion:113 Resp: 94204
 Ion Ratio Lower Upper
 113 100
 55 227.0 119.2 159.2#
 56 165.4 83.8 123.8#

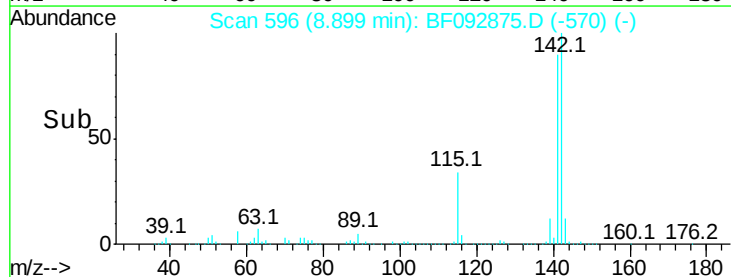
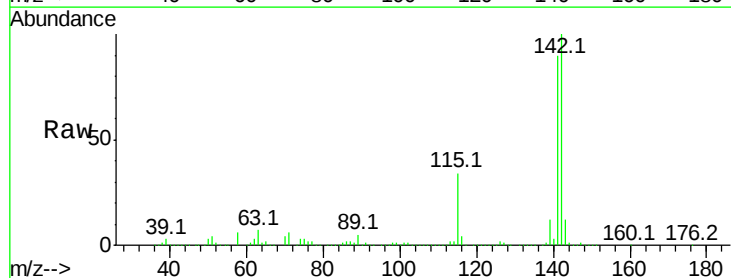
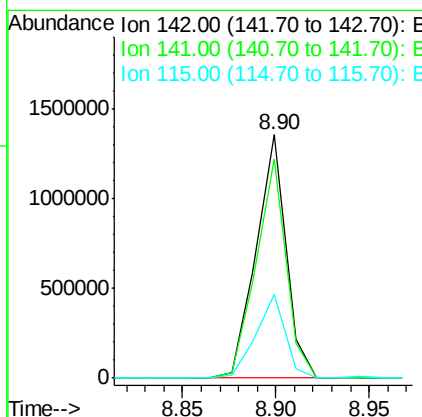
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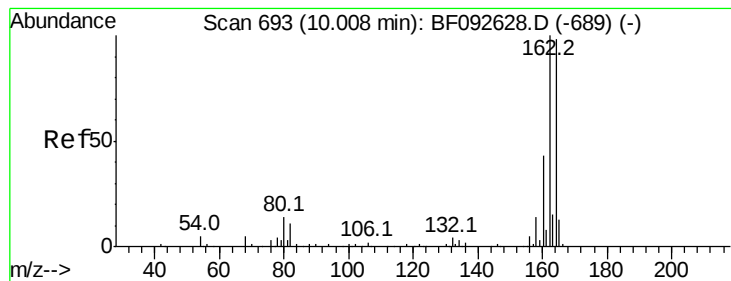
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#37
 2-Methylnaphthalene
 Concen: 80.87 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion:142 Resp: 1509917
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 34.2 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

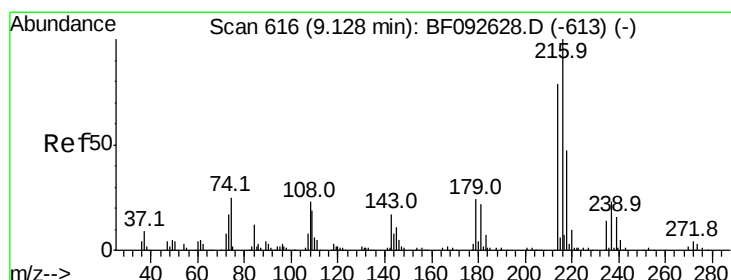
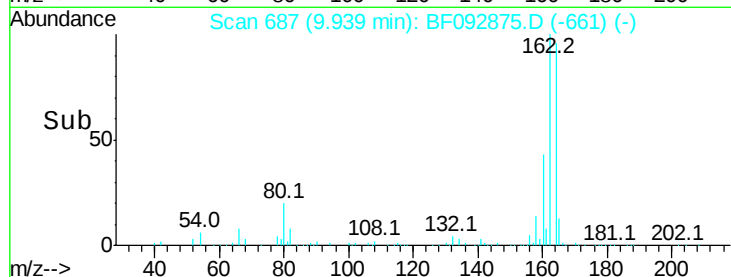
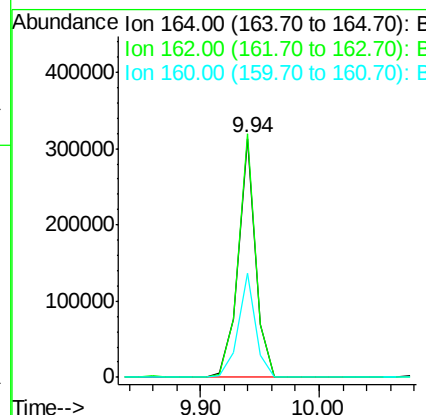
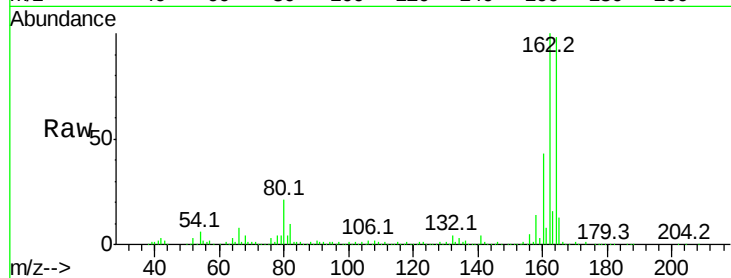
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:	164	Resp:	321556
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.2	120.2
160	43.7	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.91 ng

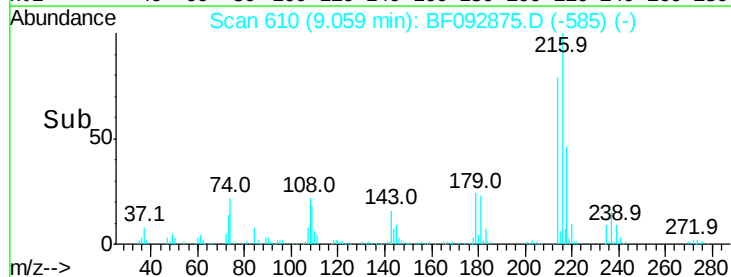
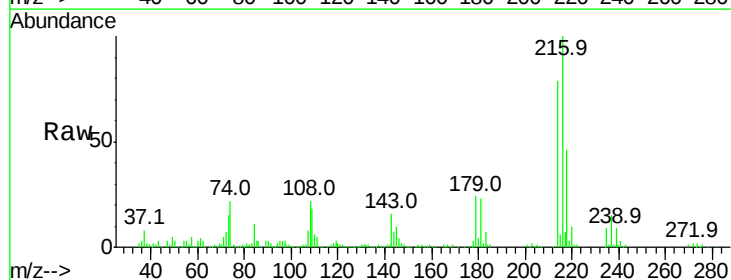
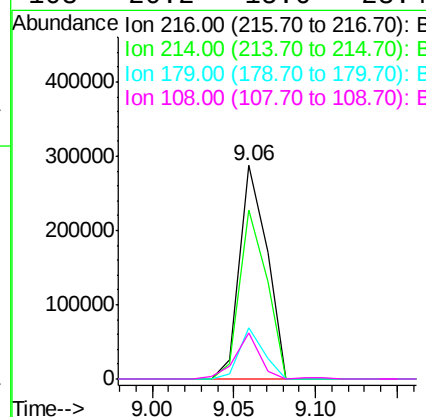
RT: 9.06 min Scan# 610

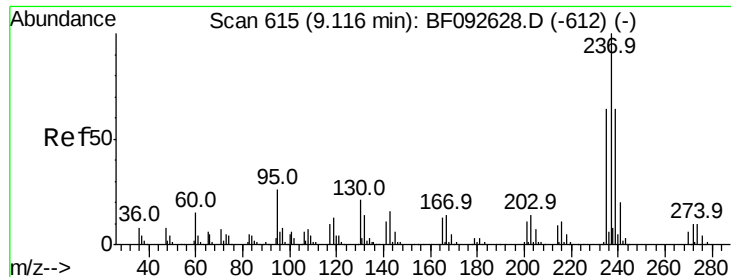
Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	216	Resp:	333199
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.4	95.0
179	22.3	17.4	26.2
108	20.2	15.6	23.4





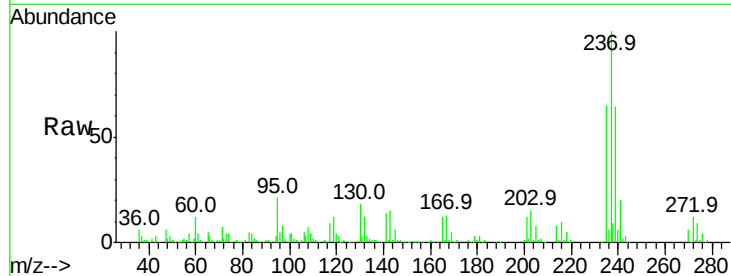
#40
Hexachlorocyclopentadiene
Concen: 56.51 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

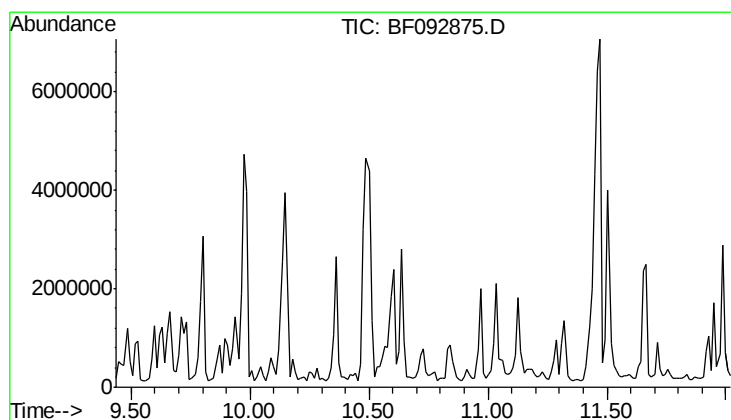
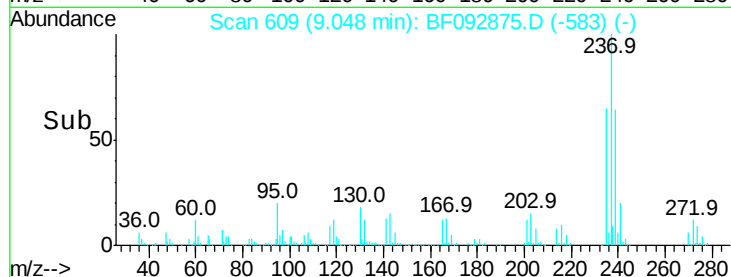
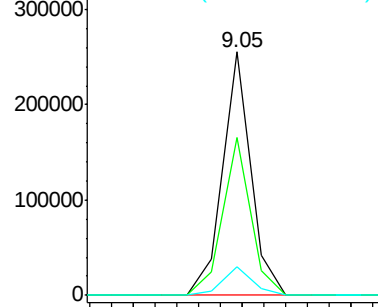
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.9	41.2	81.2
272	11.9	0.0	35.4

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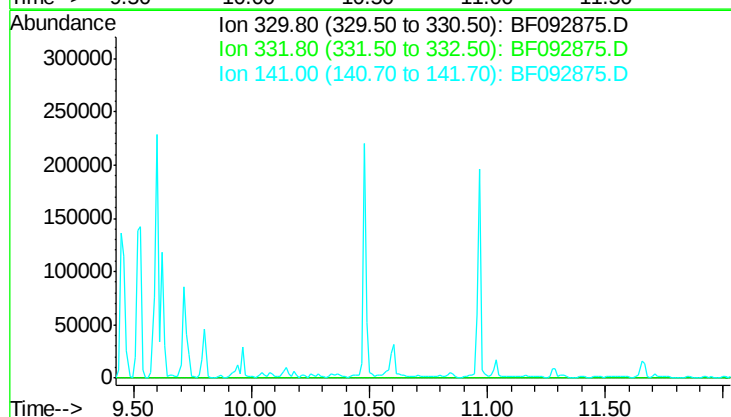
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

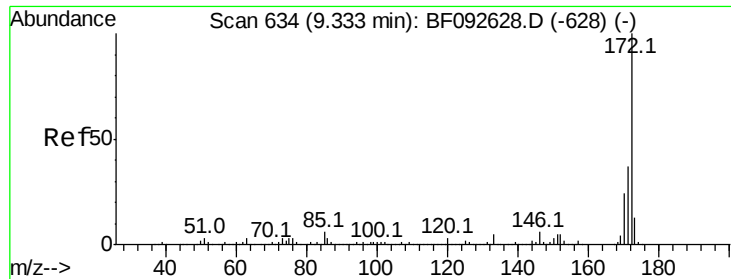


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.73 min

Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Exp Ratio
330	100
332	96.8
141	42.6





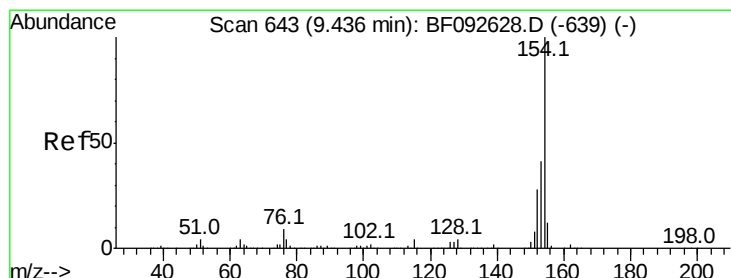
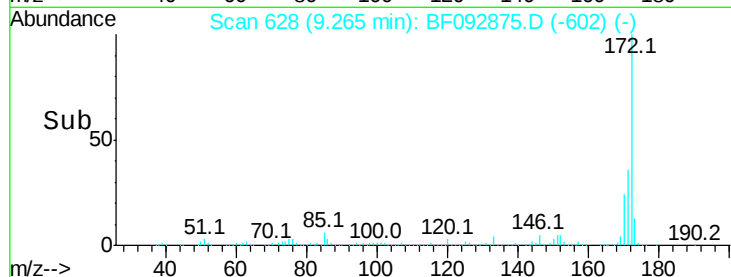
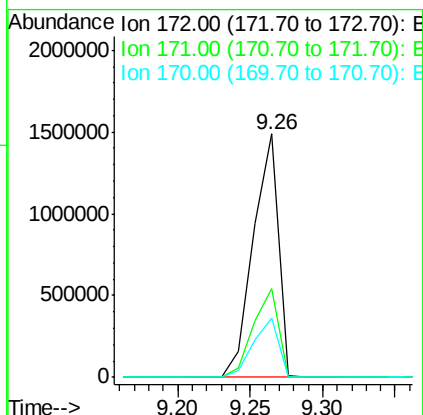
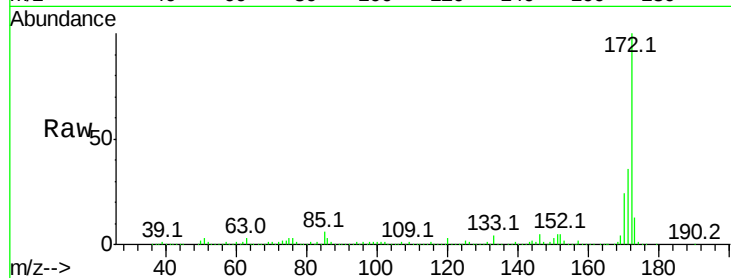
#44
2-Fluorobiphenyl
Concen: 100.58 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.2	30.4

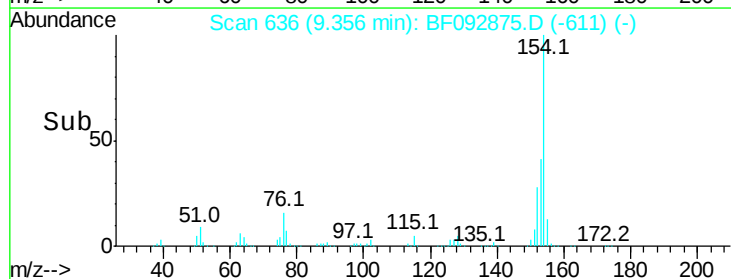
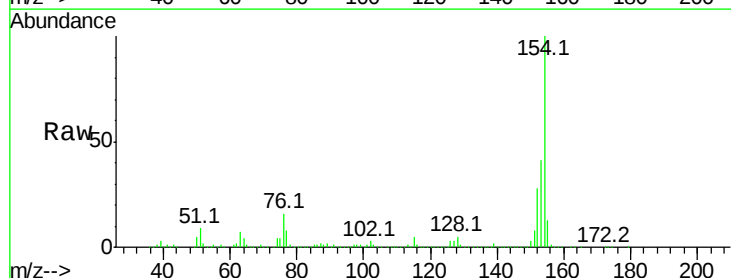
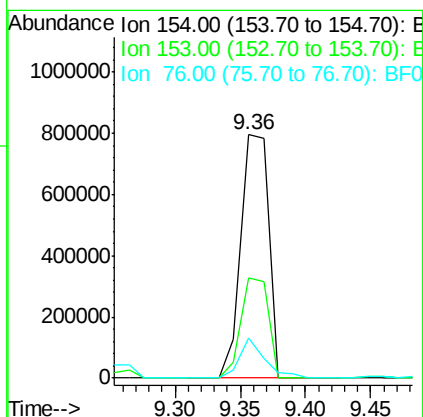
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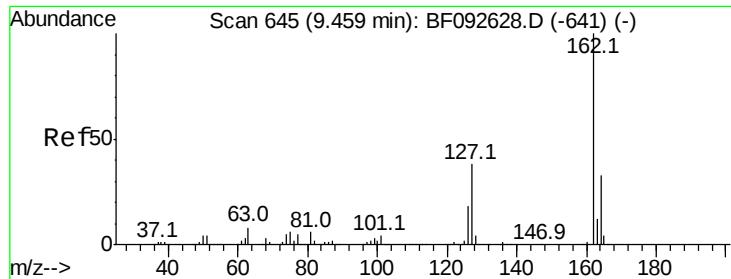
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#45
1,1'-Biphenyl
Concen: 50.50 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	16.5	0.0	30.5





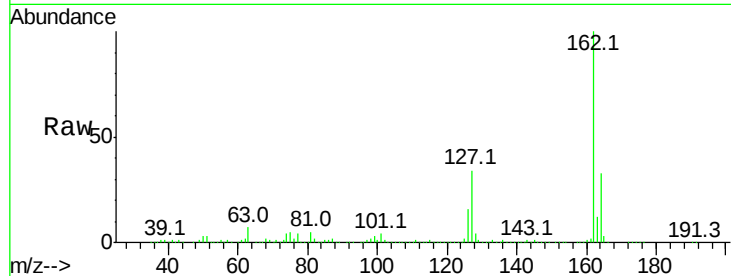
#46
2-Chloronaphthalene
Concen: 42.89 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

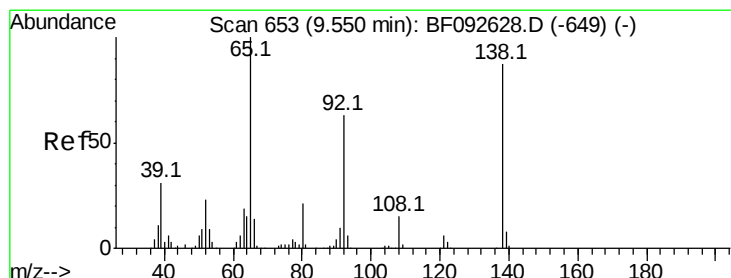
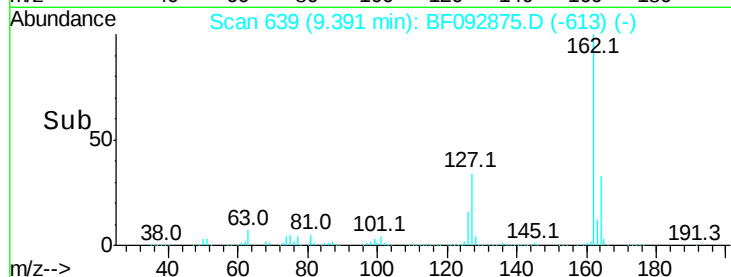
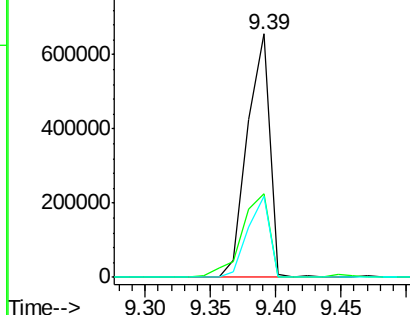
Tot Ion	Ratio	Resp	Lower	Upper
162	100	781251		
127	34.5		30.7	46.1
164	33.1		27.6	41.4

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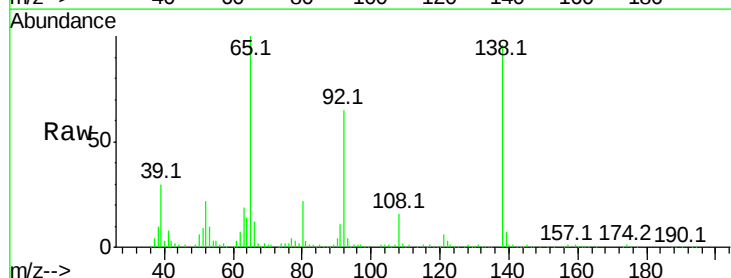


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

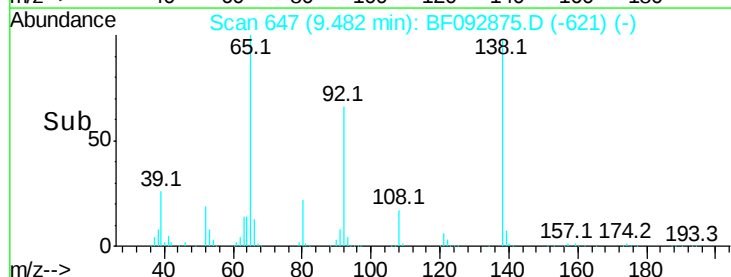
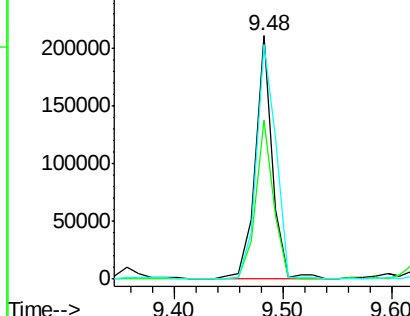


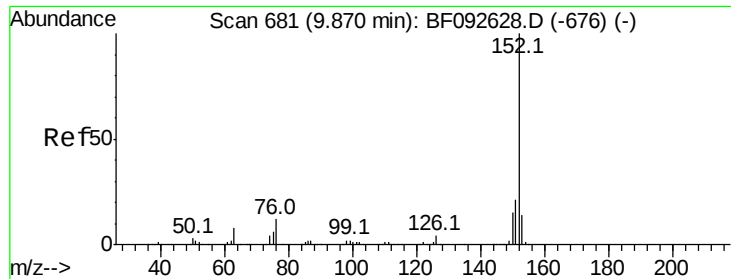
#47
2-Nitroaniline
Concen: 37.36 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	228785		
92	65.3		53.9	80.9
138	96.2		76.8	115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





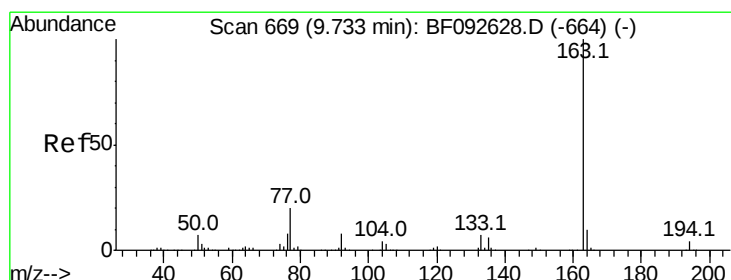
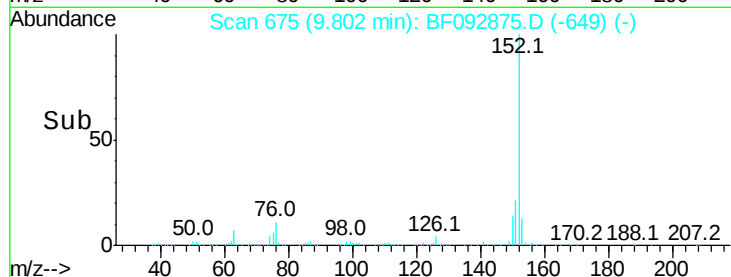
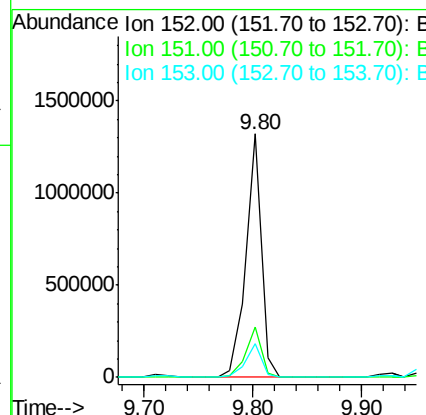
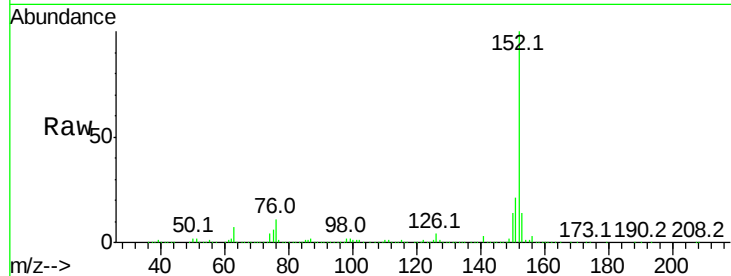
#48
Acenaphthylene
Concen: 40.66 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion:152 Resp: 1279443
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.7 11.4 17.2

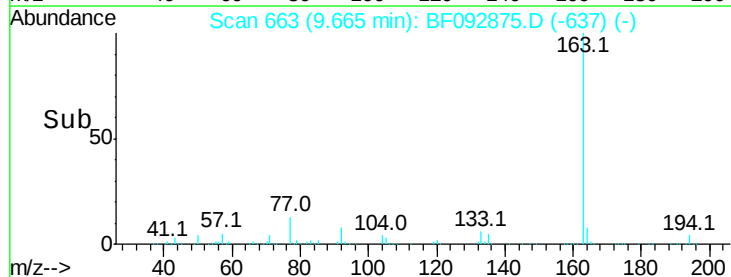
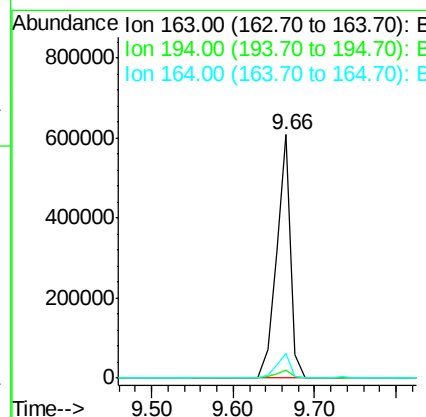
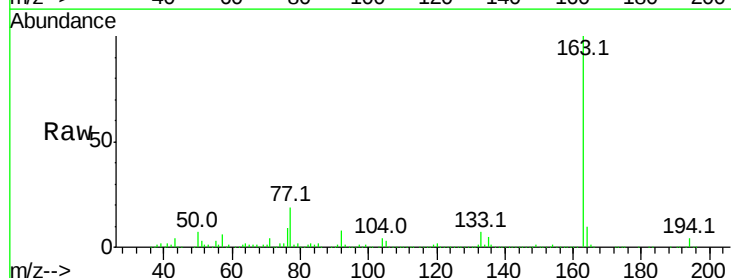
Manual Integrations
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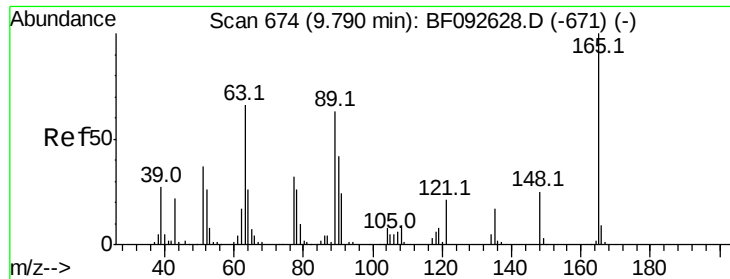
mohammad
2/9/2017 12:31:55 PM



#49
Dimethylphthalate
Concen: 33.68 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:163 Resp: 729537
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 8.0 12.0





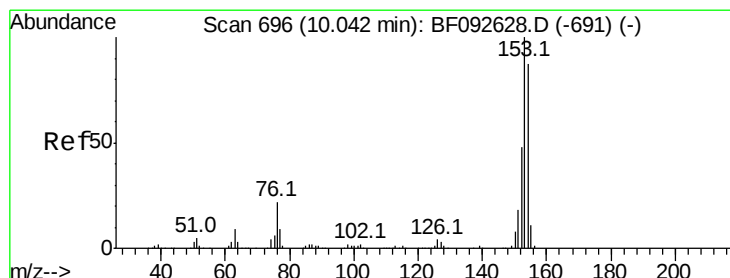
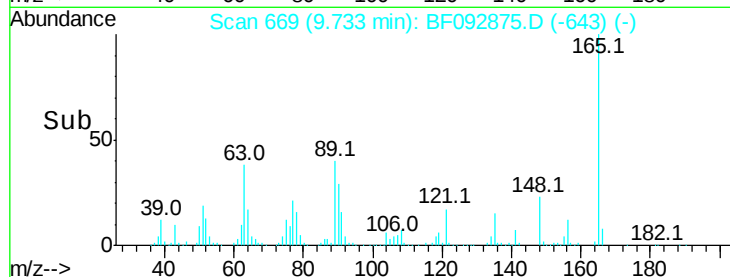
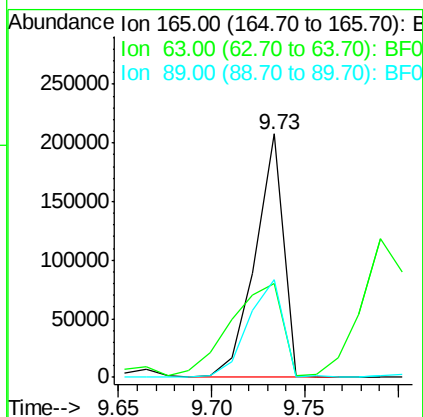
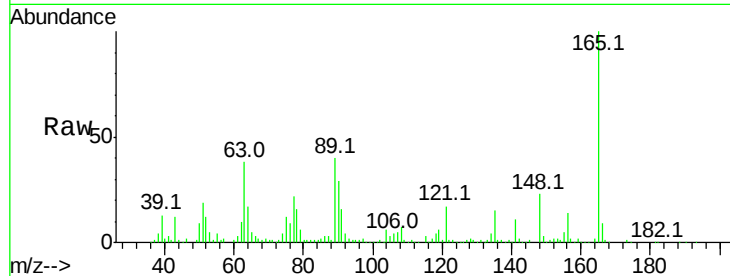
#50
2,6-Dinitrotoluene
Concen: 46.26 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	216400		
63	38.4		36.2	54.4
89	40.2		40.2	60.4

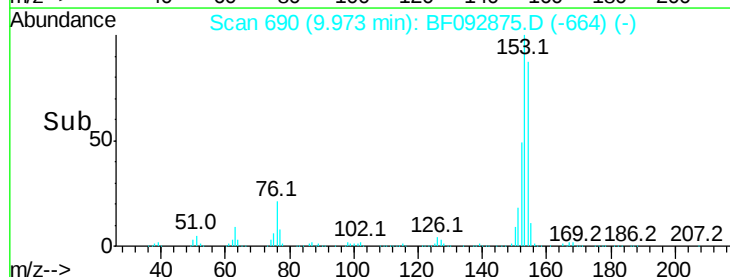
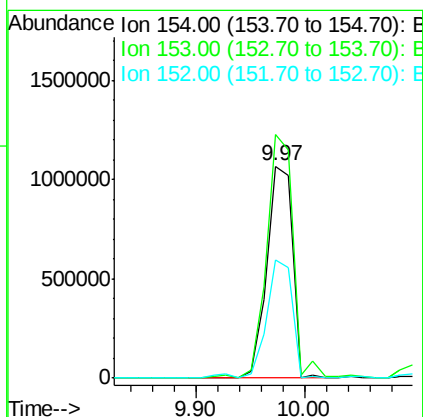
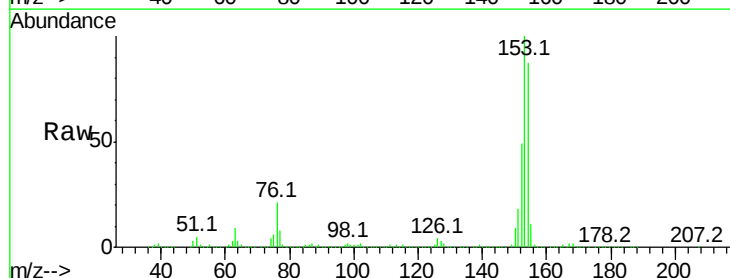
Manual Integrations
APPROVED

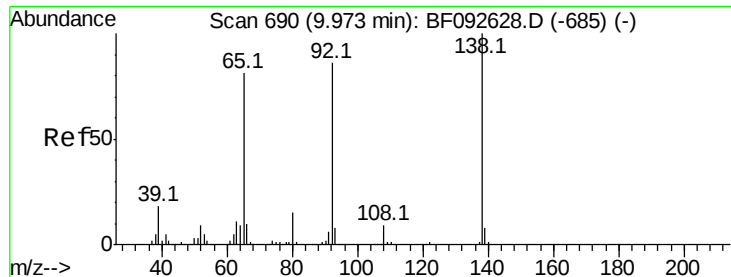
mohammad
2/9/2017 12:31:55 PM



#51
Acenaphthene
Concen: 92.75 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1744972		
153	115.0		88.6	133.0
152	55.9		41.6	62.4





#52

3-Nitroaniline

Concen: 38.84 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

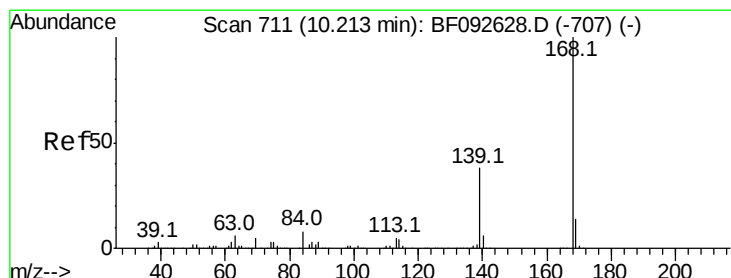
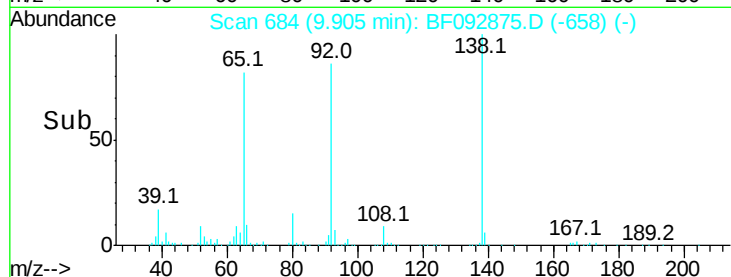
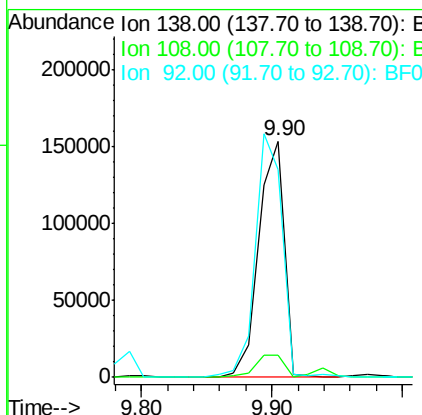
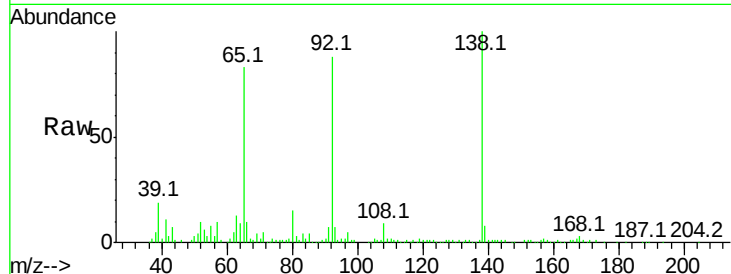
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:	138	Resp:	207900
Ion Ratio	Lower	Upper	
138	100		
108	9.3	8.5	12.7
92	88.3	97.8	146.8#

Manual Integrations
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2/9/2017 12:31:55 PM



#54

Dibenzofuran

Concen: 85.70 ng

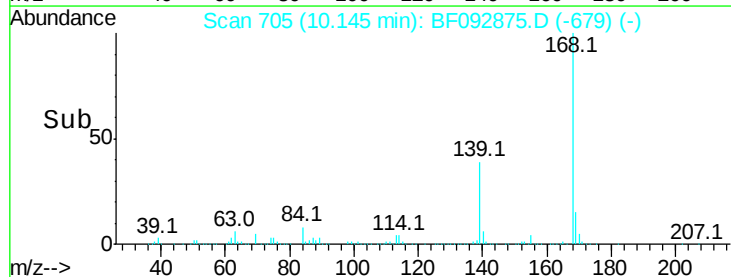
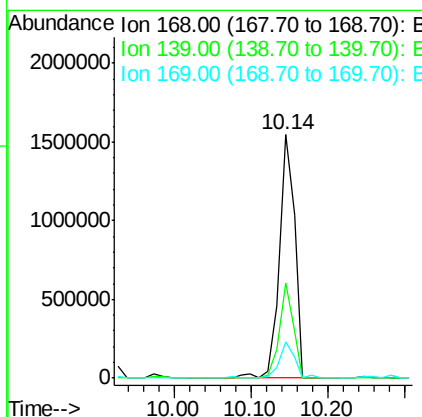
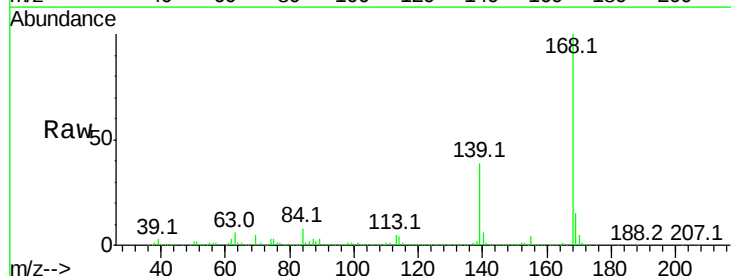
RT: 10.14 min Scan# 705

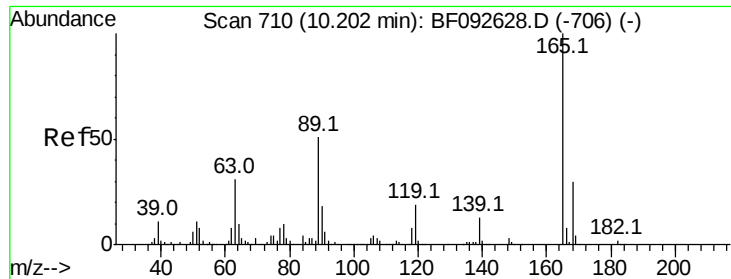
Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:	168	Resp:	2156388
Ion Ratio	Lower	Upper	
168	100		
139	39.2	32.6	49.0
169	15.0	11.3	16.9





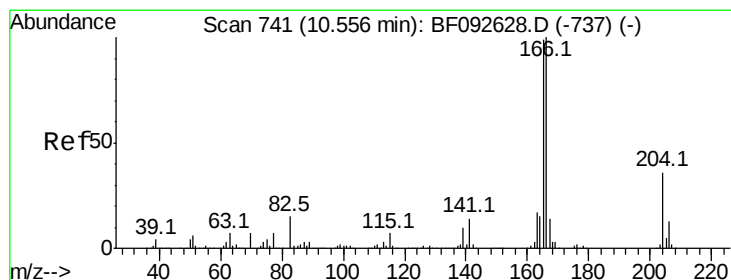
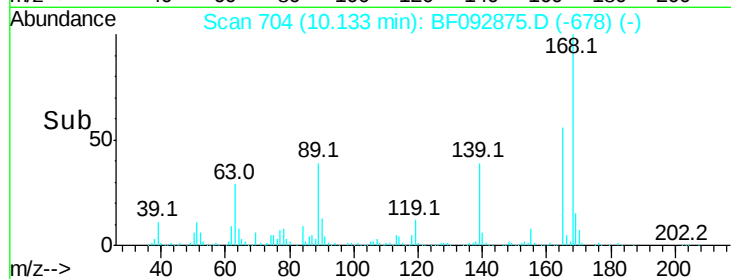
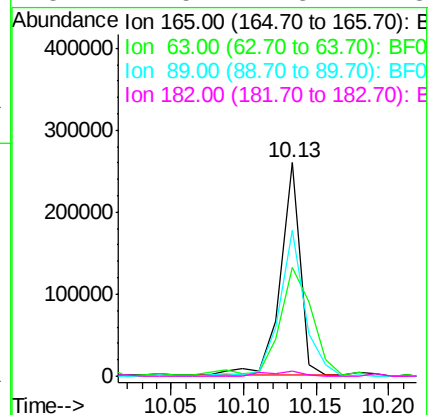
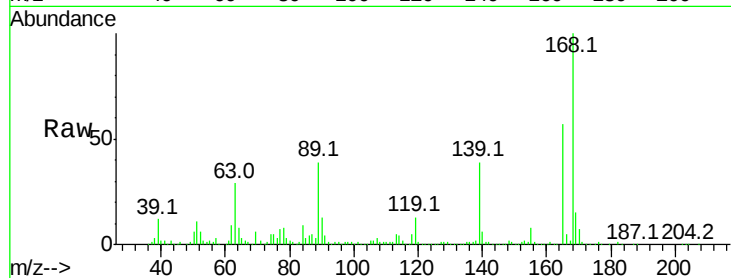
#56
 2,4-Dinitrotoluene
 Concen: 39.61 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246643		
63	51.1	40.2	60.4	
89	68.3	62.5	93.7	
182	2.5	1.8	2.8	

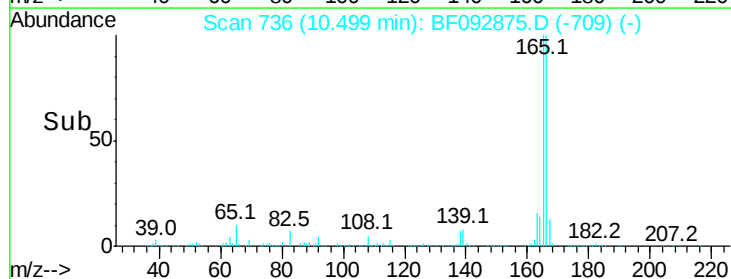
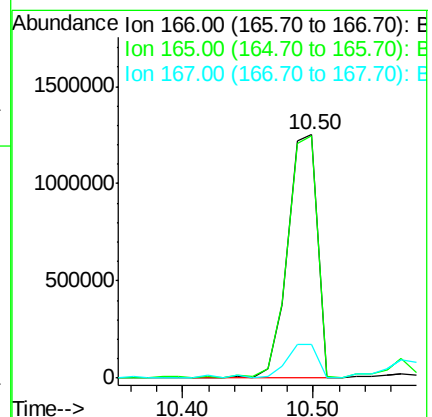
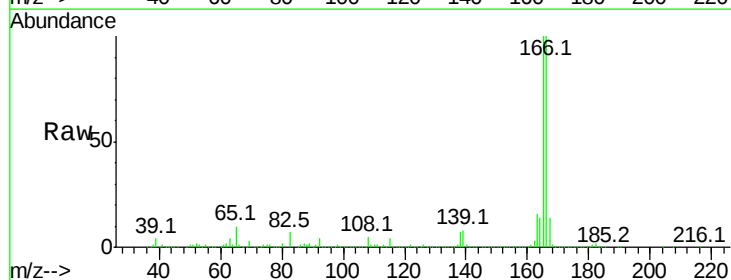
Manual Integrations
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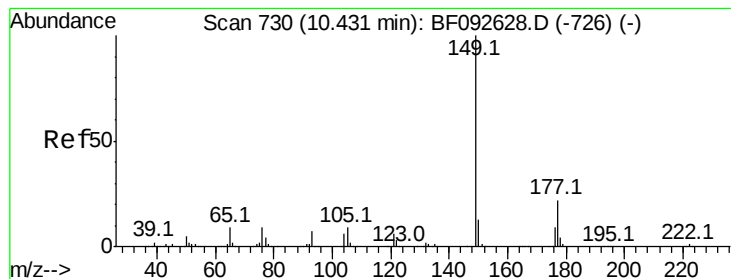
mohammad
 2/9/2017 12:31:55 PM



#57
 Fluorene
 Concen: 103.38 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2001297		
165	99.7	77.8	116.8	
167	13.6	10.8	16.2	





#59

Diethylphthalate

Concen: 38.72 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

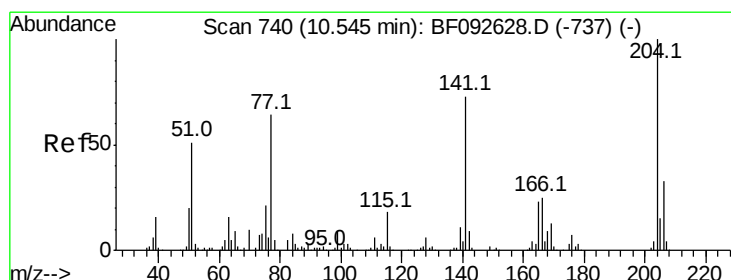
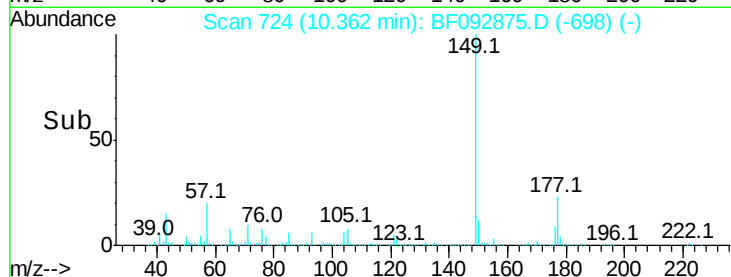
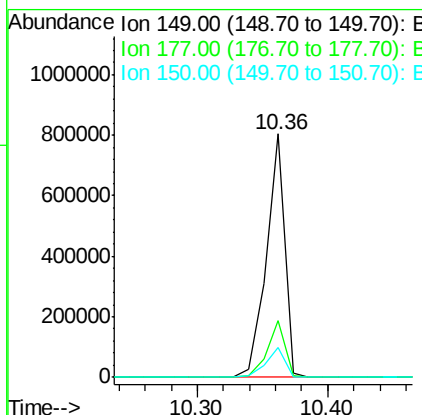
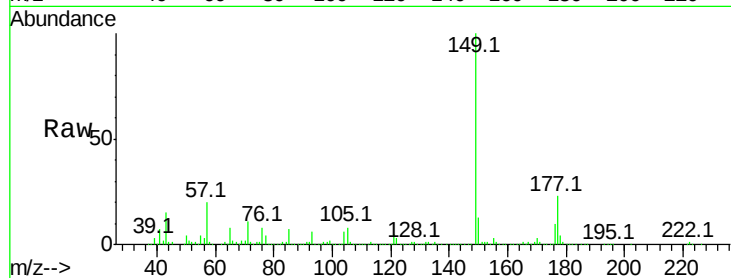
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	790383		
177	23.1	16.6	25.0	
150	12.5	10.4	15.6	

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 33.68 ng

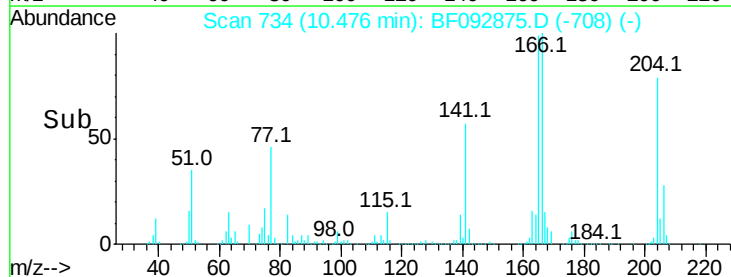
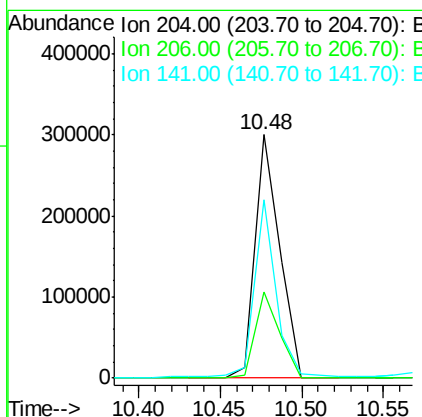
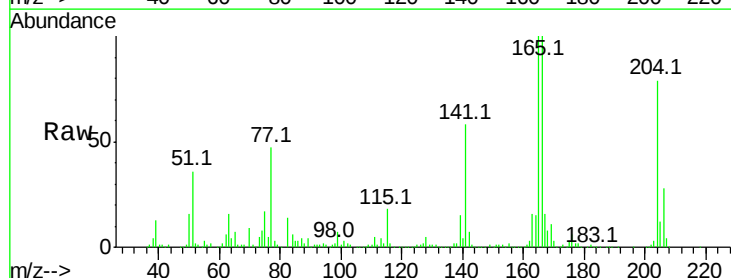
RT: 10.48 min Scan# 734

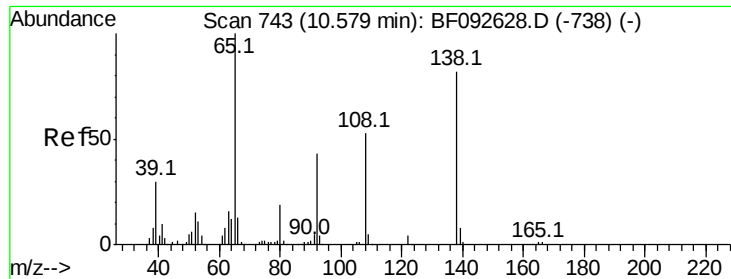
Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313198		
206	35.2	25.8	38.6	
141	73.5	59.4	89.0	





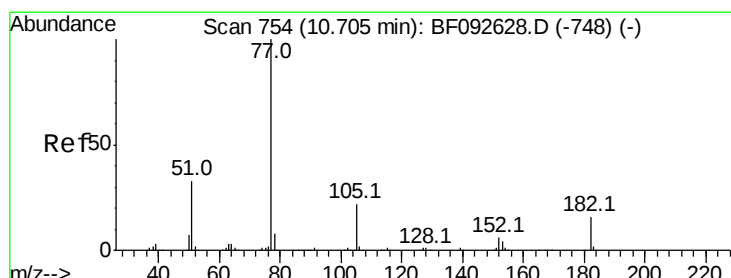
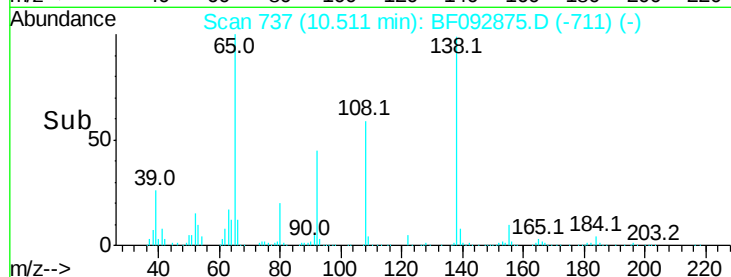
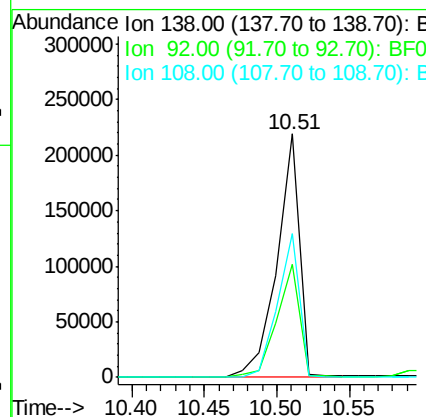
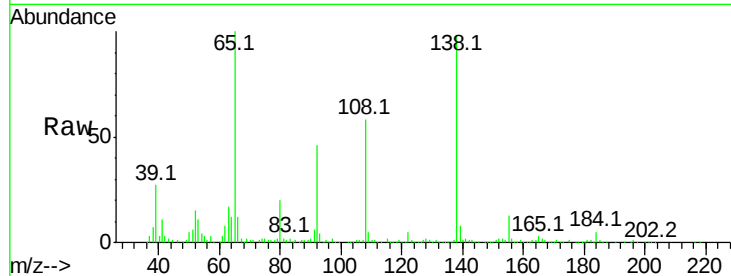
#61
4-Nitroaniline
Concen: 43.03 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.4	31.7	71.7	
108	59.3	52.6	92.6	

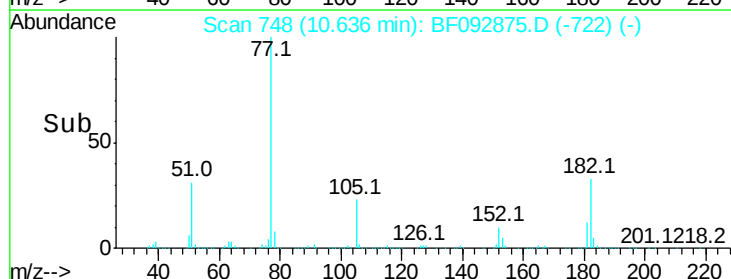
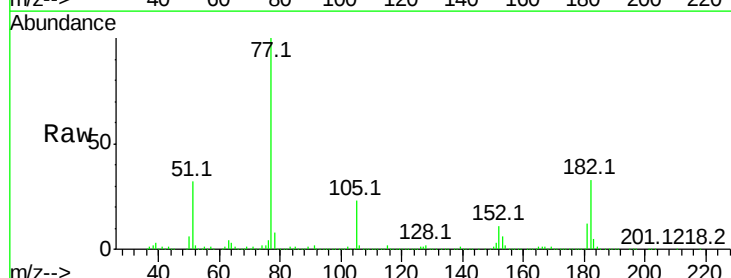
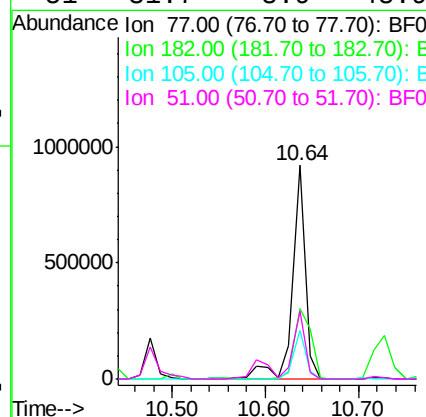
Manual Integrations
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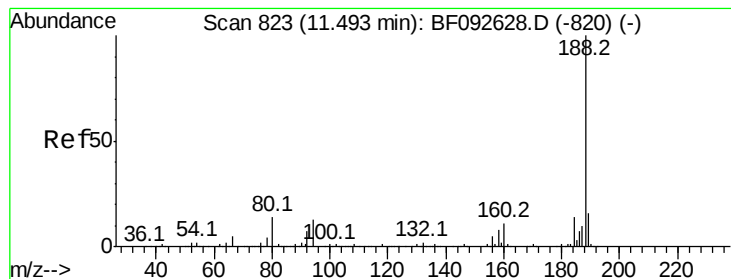
mohammad
2/9/2017 12:31:55 PM



#62
Azobenzene
Concen: 41.83 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	33.1	0.0	39.3	
105	23.1	2.3	42.3	
51	31.7	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

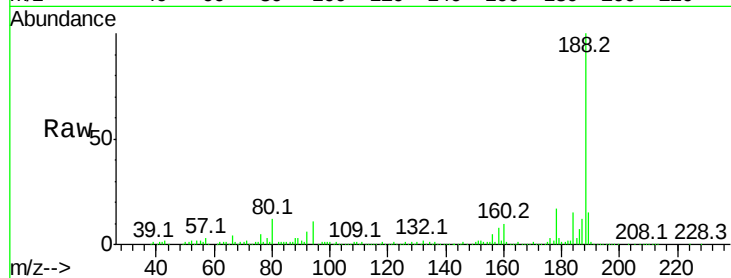
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:	188	Resp:	514158
Ion Ratio	Lower	Upper	
188	100		
94	10.8	10.0	15.0
80	11.8	11.2	16.8

Manual Integrations
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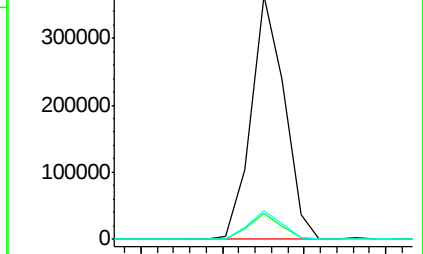
mohammad
2/9/2017 12:31:55 PM



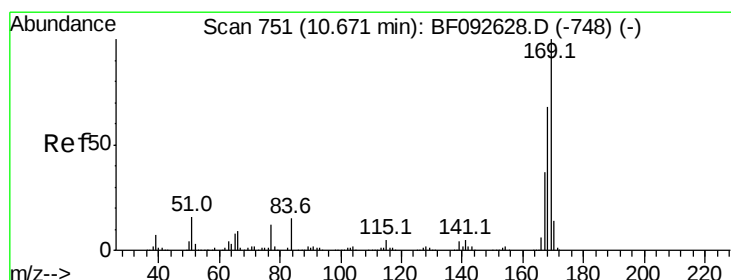
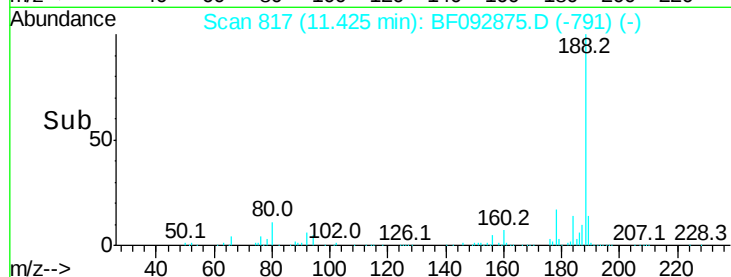
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#65

n-Nitrosodiphenylamine

Concen: 51.61 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092875.D

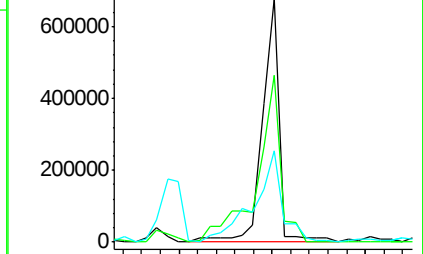
Acq: 9 Feb 2017 1:19

Tgt Ion:	169	Resp:	847611
Ion Ratio	Lower	Upper	
169	100		
168	68.6	54.2	81.2
167	37.7	30.2	45.4

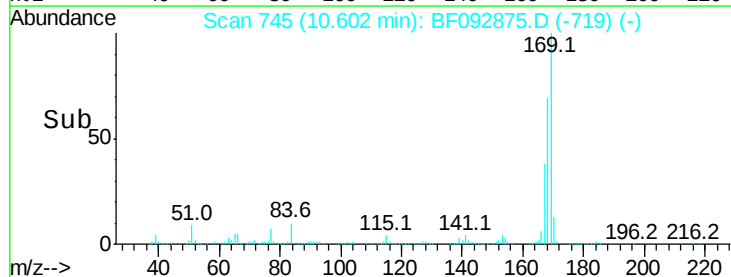
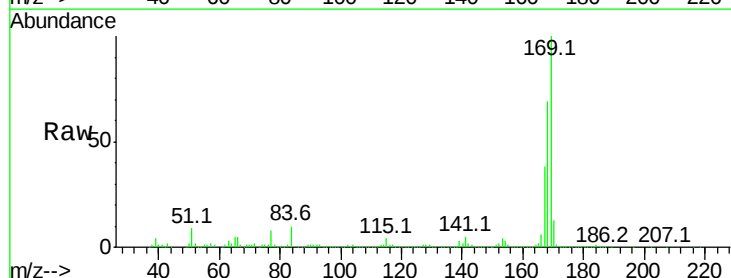
Abundance Ion 169.00 (168.70 to 169.70): E

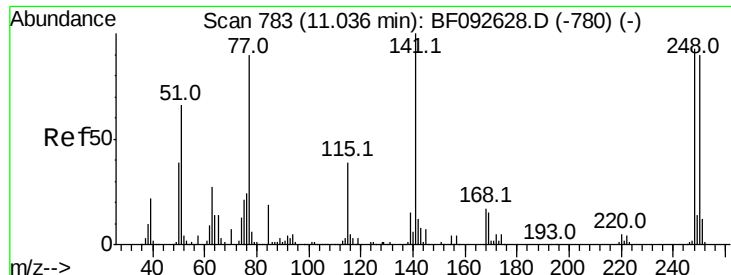
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





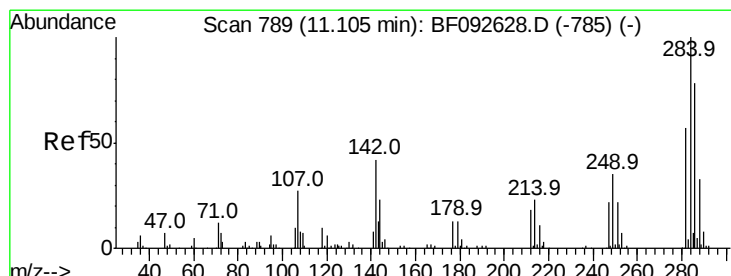
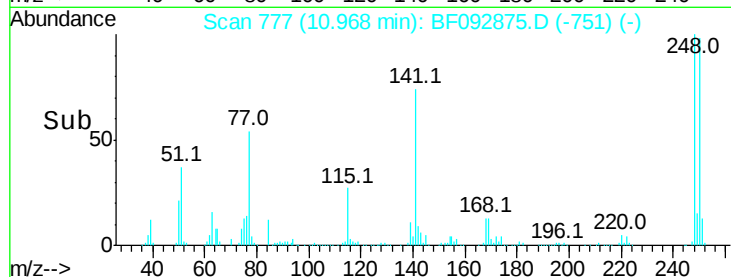
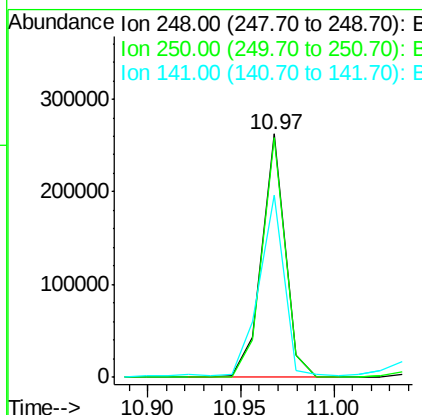
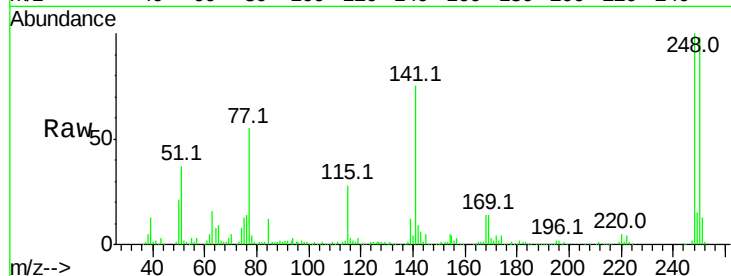
#66
4-Bromophenyl-phenylether
Concen: 42.35 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	74.6	68.2	102.4

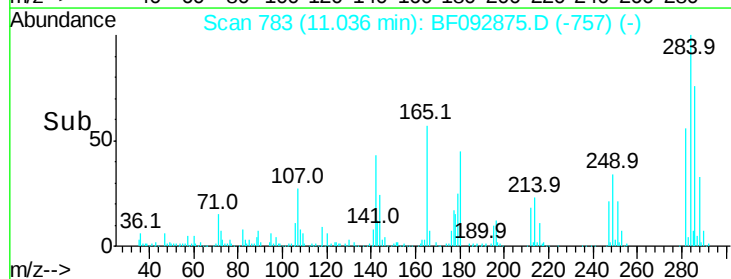
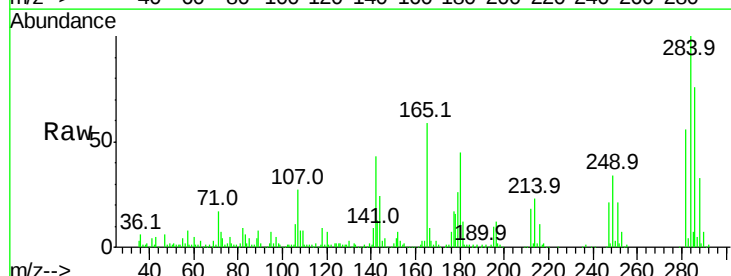
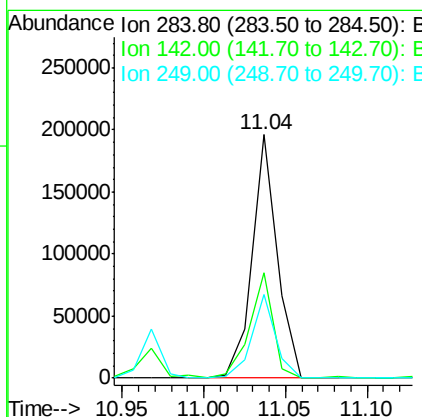
Manual Integrations
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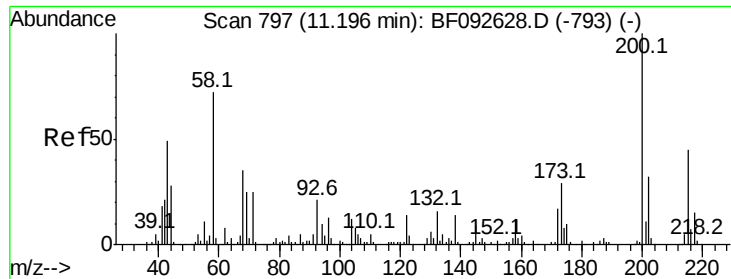
mohammad
2/9/2017 12:31:55 PM



#67
Hexachlorobenzene
Concen: 39.37 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.4	22.6	33.8#
249	34.1	25.4	38.0





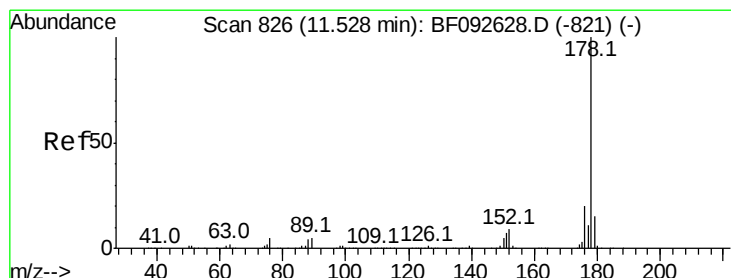
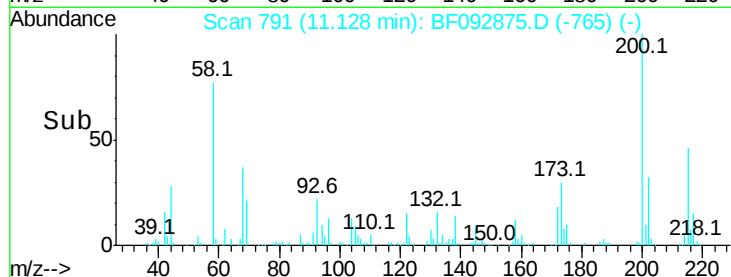
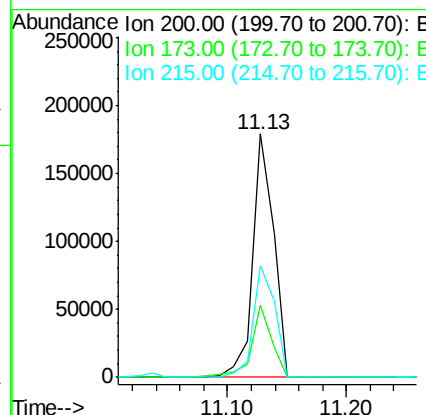
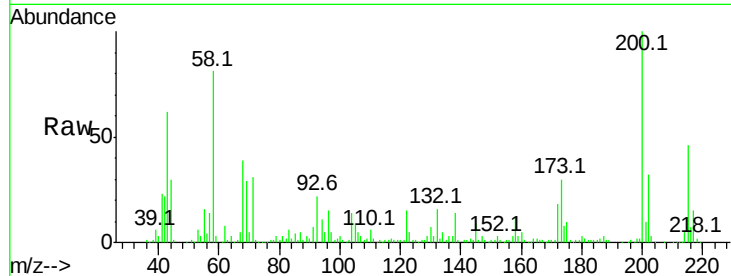
#68
Atrazine
Concen: 41.85 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	9.6	49.6
215	46.0	25.7	65.7

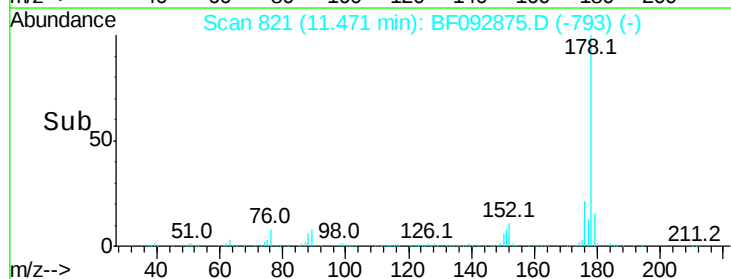
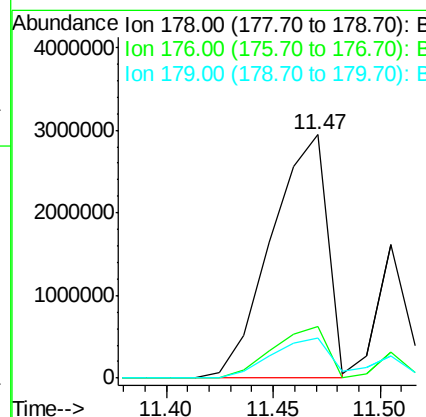
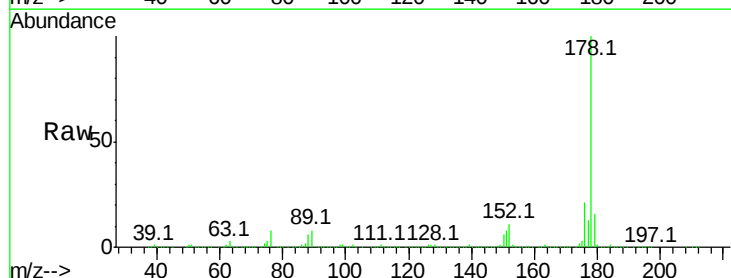
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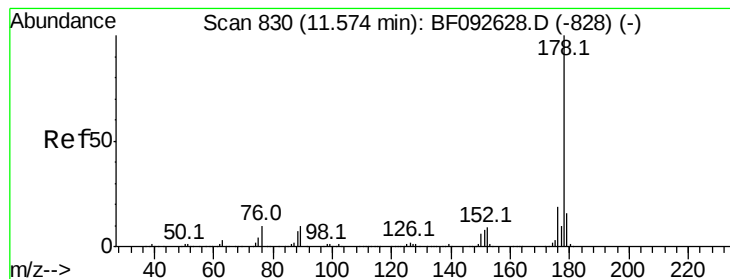
mohammad
2/9/2017 12:31:55 PM



#70
Phenanthrene
Concen: 181.31 ng m
RT: 11.47 min Scan# 821
Delta R.T. 0.02 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.6	25.0
179	16.3	12.8	19.2





#71

Anthracene

Concen: 54.76 ng m

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:178 Resp: 1619765

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

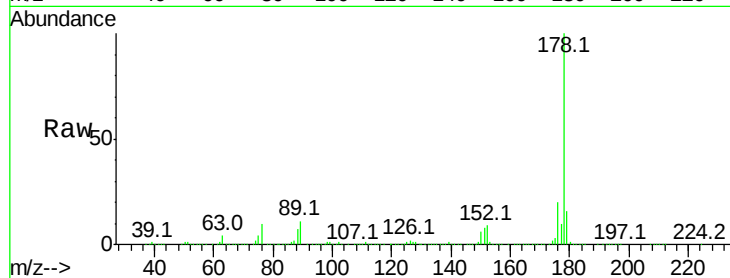
179 16.3 13.2 19.8

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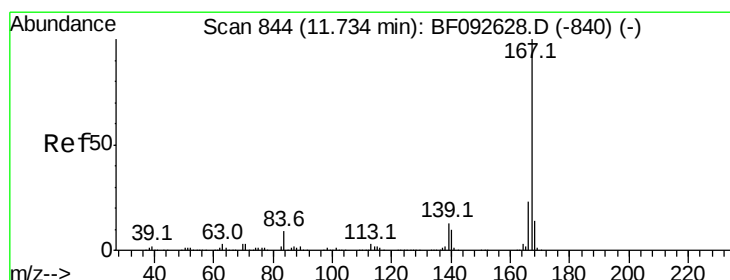
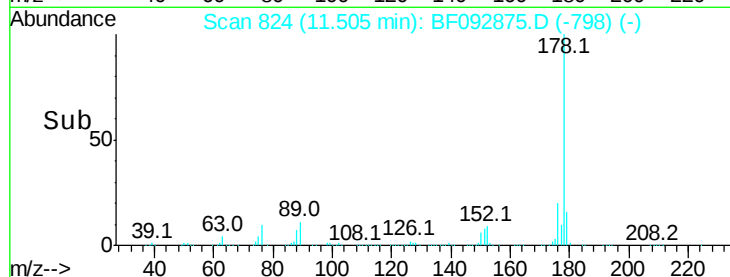
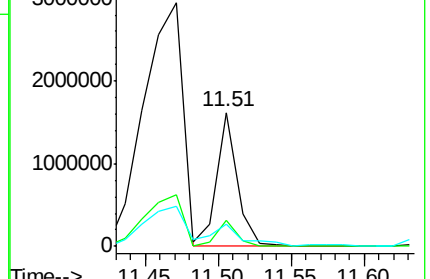
2/9/2017 12:31:55 PM



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: 52.19 ng

RT: 11.67 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

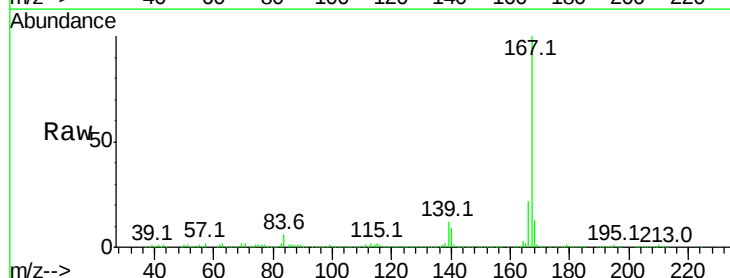
Tgt Ion:167 Resp: 1475777

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

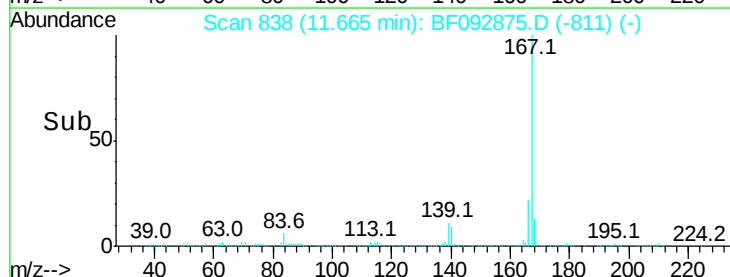
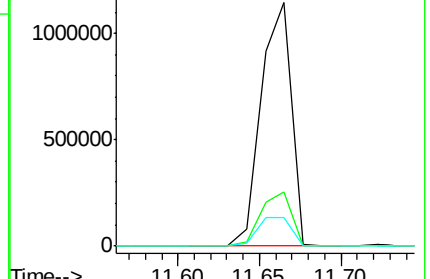
139 11.5 11.4 17.2

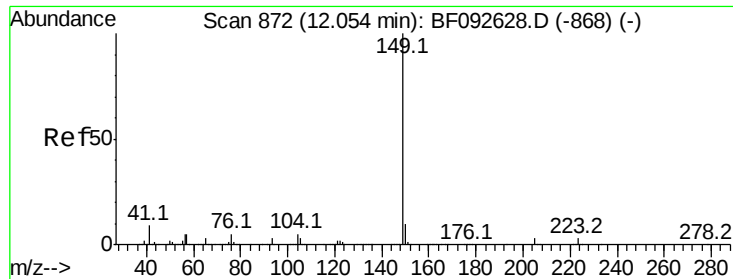


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.12 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

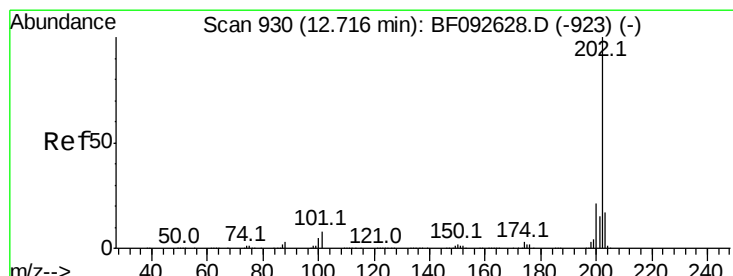
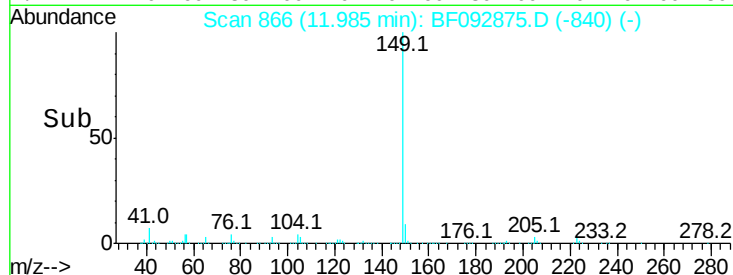
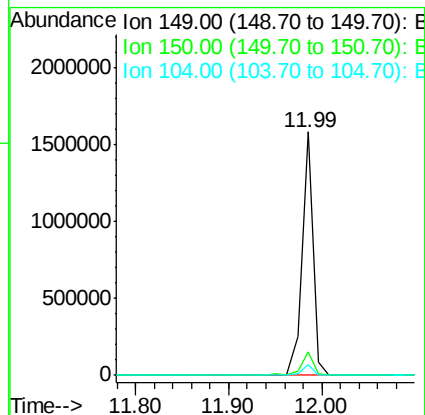
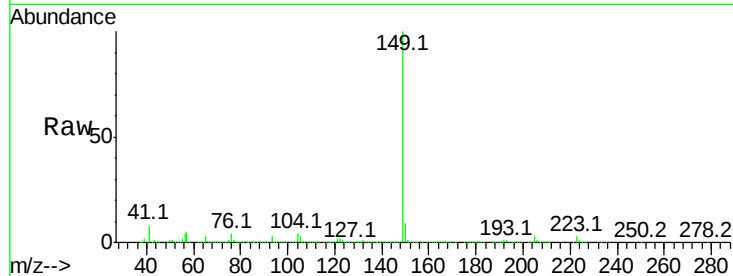
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.3	4.6	7.0

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#74

Fluoranthene

Concen: 116.49 ng

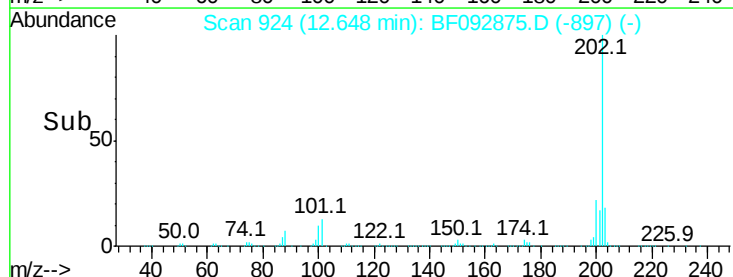
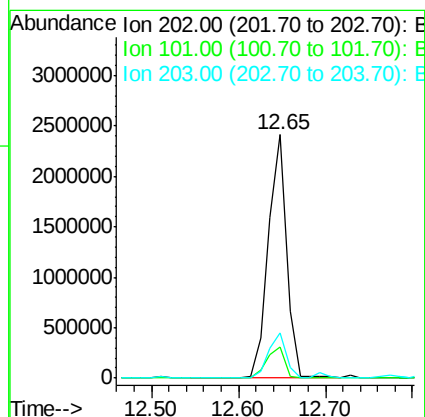
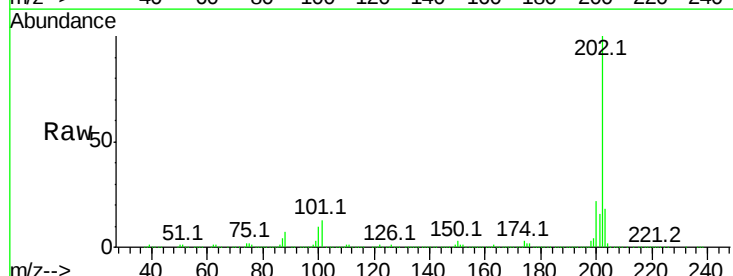
RT: 12.65 min Scan# 924

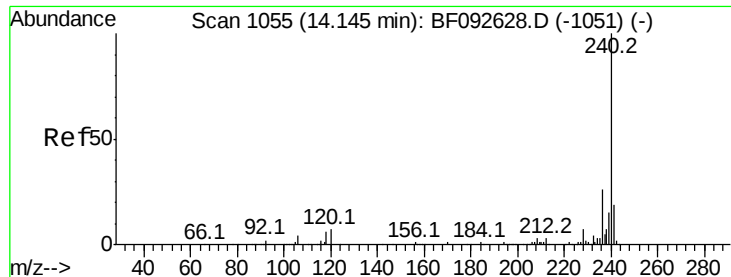
Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.6
203	18.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

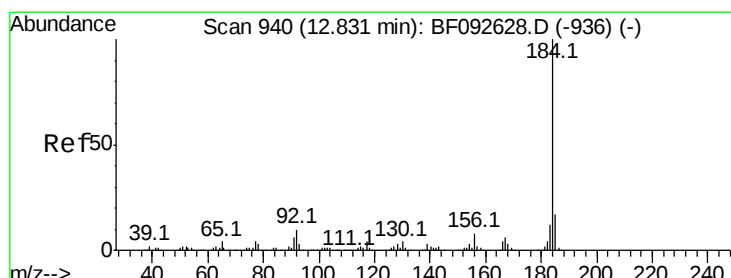
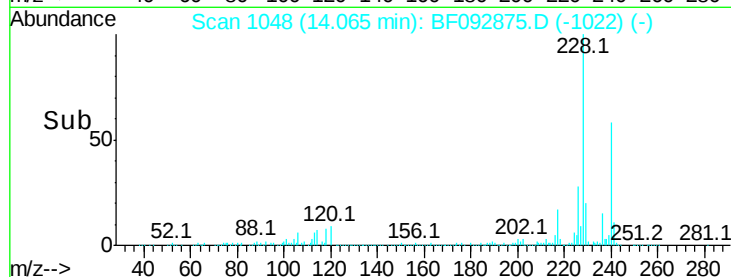
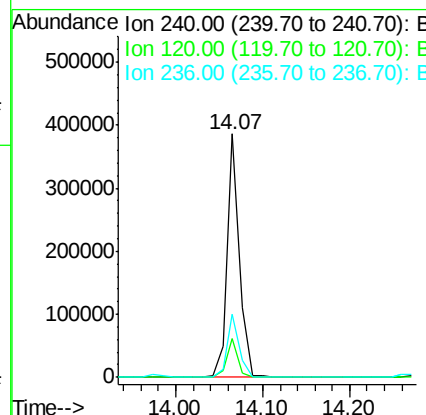
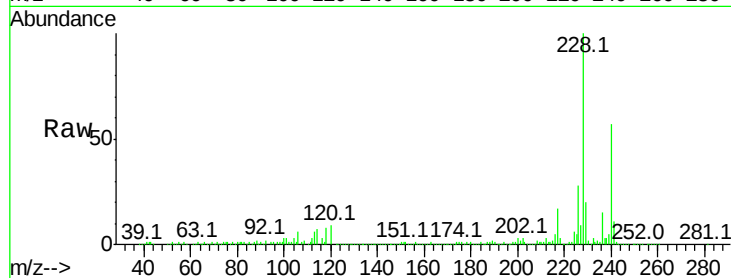
ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.8	12.9	19.3	
236	25.9	20.9	31.3	

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#76

Benzidine

Concen: 20.88 ng

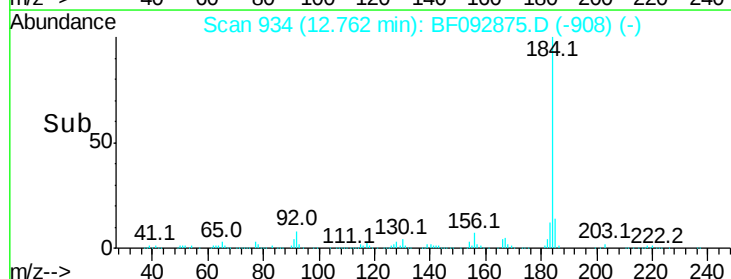
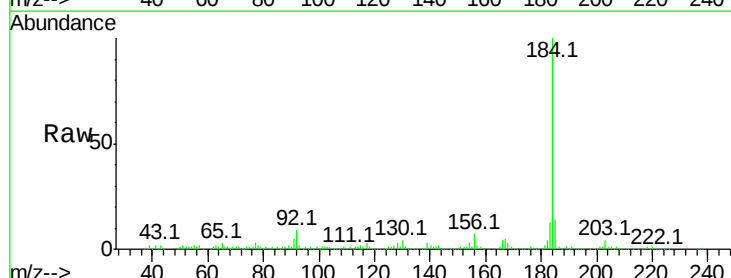
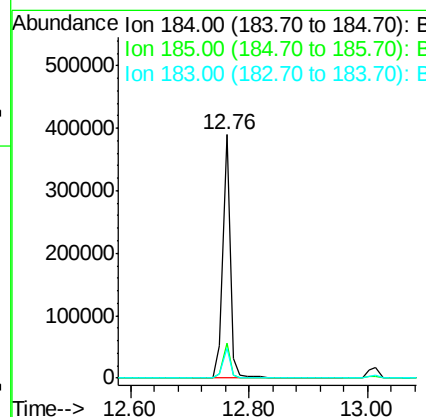
RT: 12.76 min Scan# 934

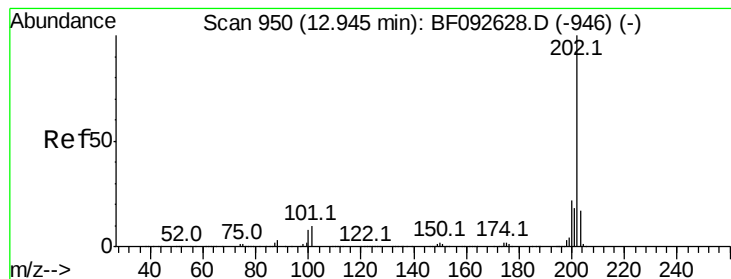
Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	13.4	20.0	
183	12.5	9.2	13.8	





#77

Pvrene

Concen: 100.52 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tot Ion:202 Resp: 2883938

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

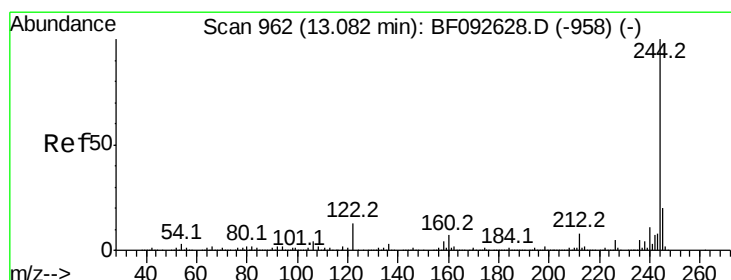
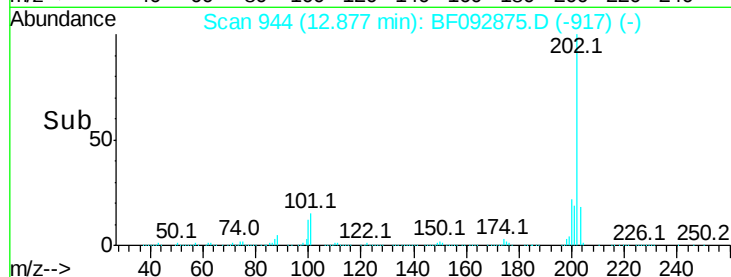
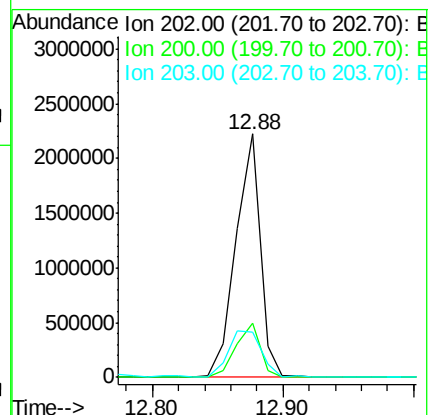
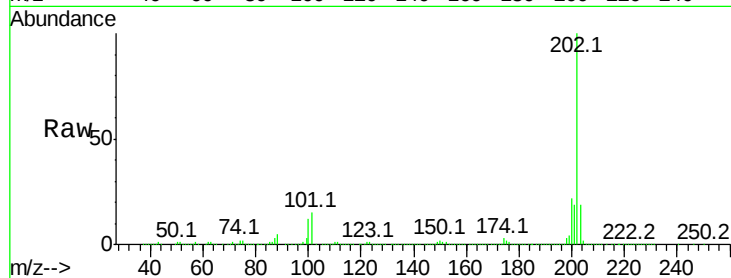
203 18.8 14.7 22.1

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#78

Terphenyl-d14

Concen: 98.01 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

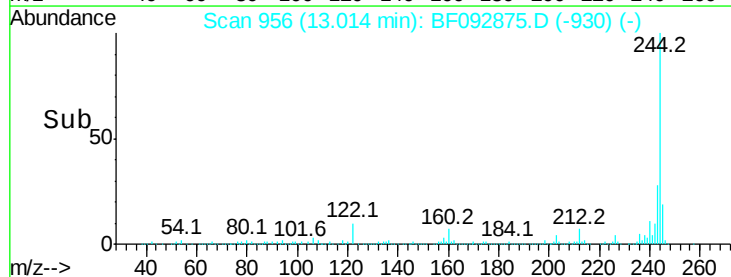
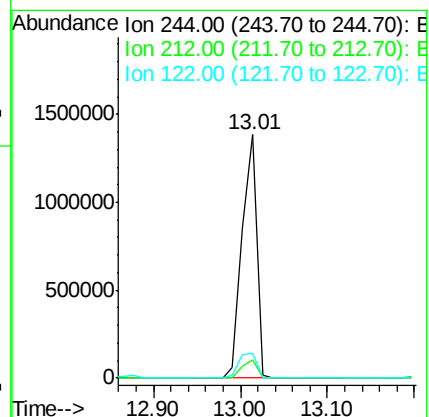
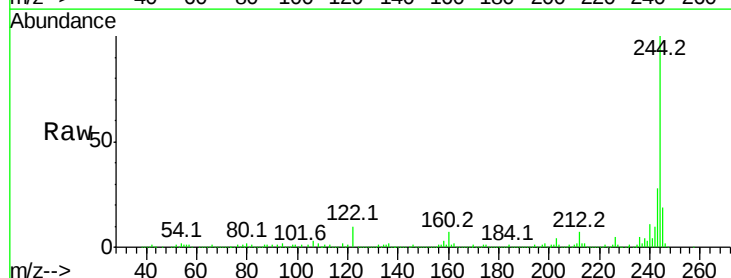
Tgt Ion:244 Resp: 1599106

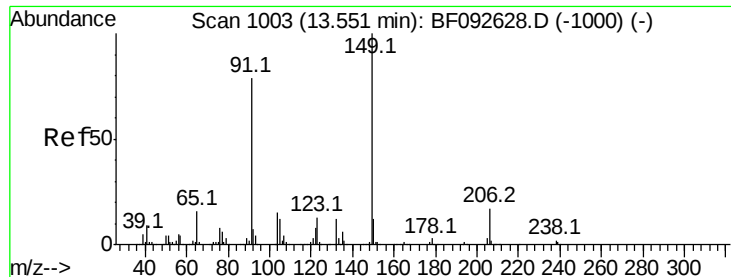
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 9.9 11.4 17.2#





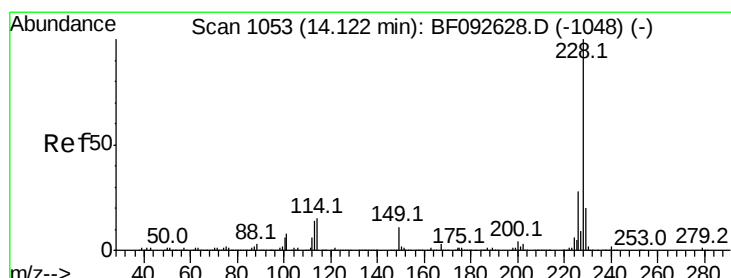
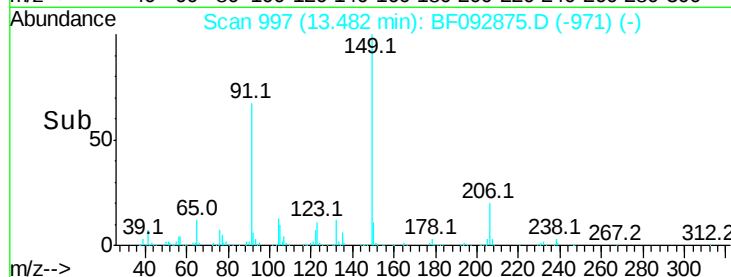
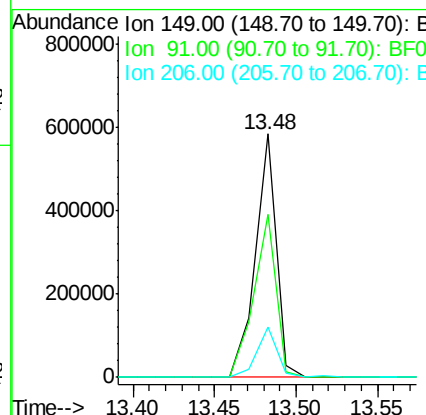
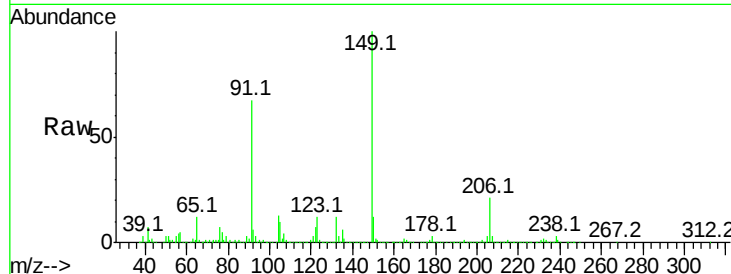
#79
Butylbenzylphthalate
Concen: 44.45 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517902		
91	66.7		63.9	95.9
206	20.5		14.6	21.8

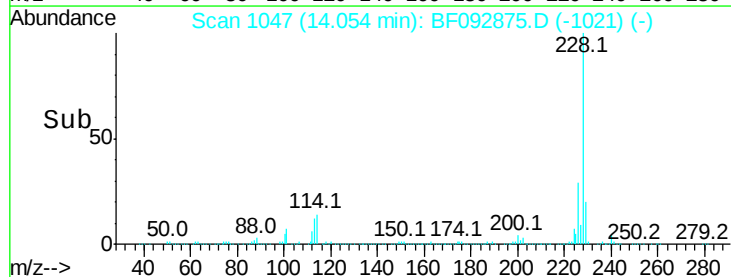
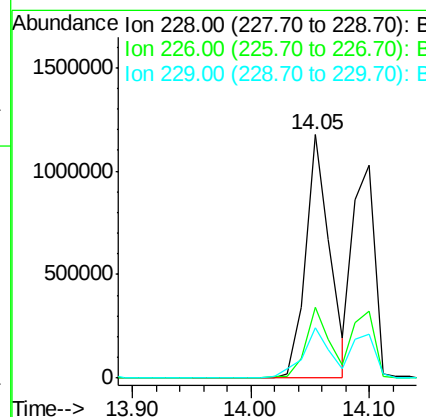
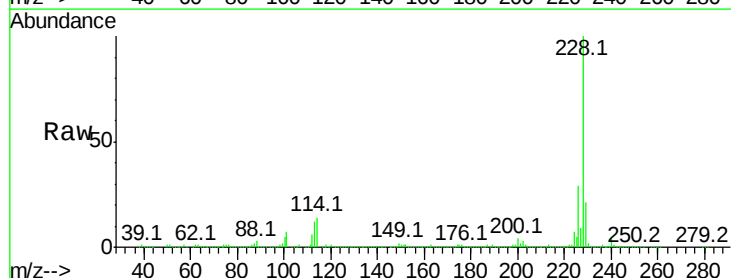
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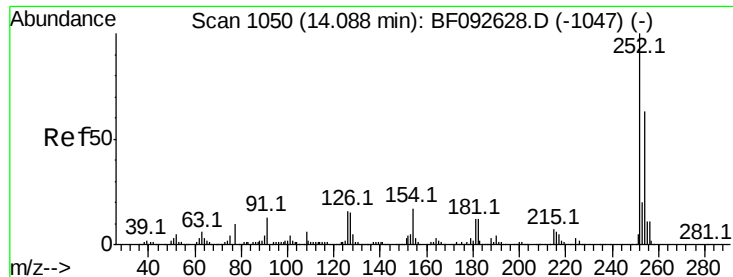
mohammad
2/9/2017 12:31:55 PM



#80
Benzo(a)anthracene
Concen: 70.51 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1653334		
226	28.8		22.4	33.6
229	20.5		16.2	24.4





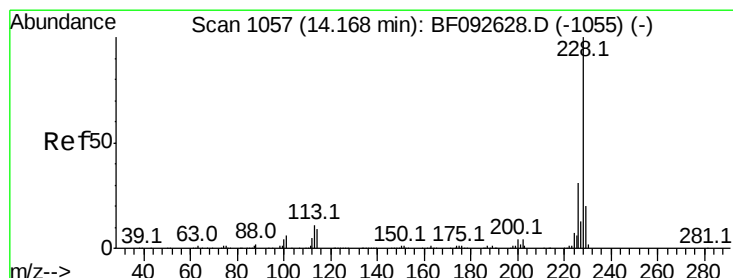
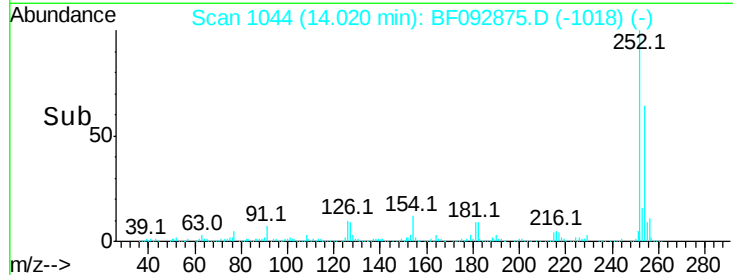
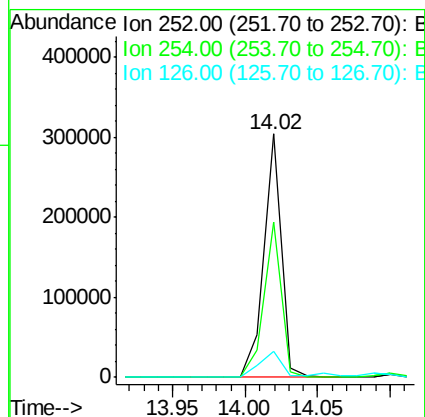
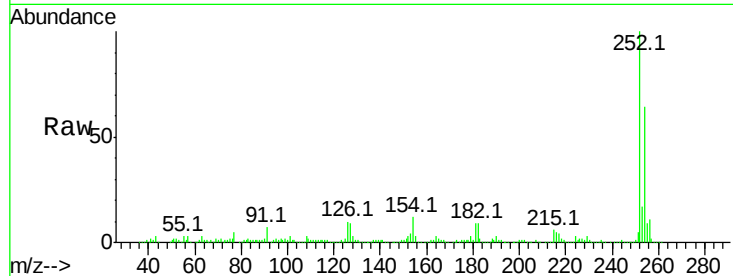
#81
 3,3'-Dichlorobenzidine
 Concen: 30.60 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	52.3	78.5
126	10.4	13.6	20.4

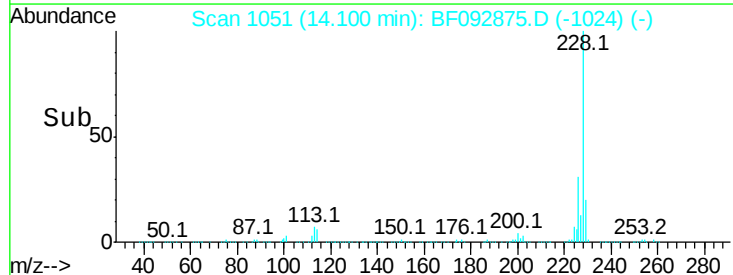
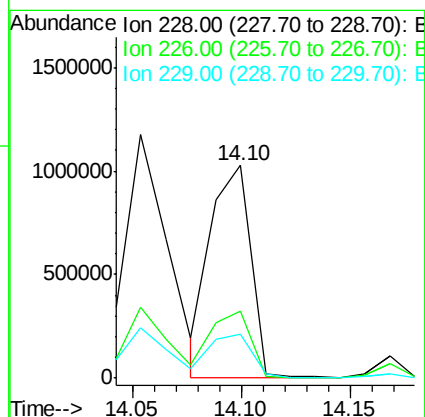
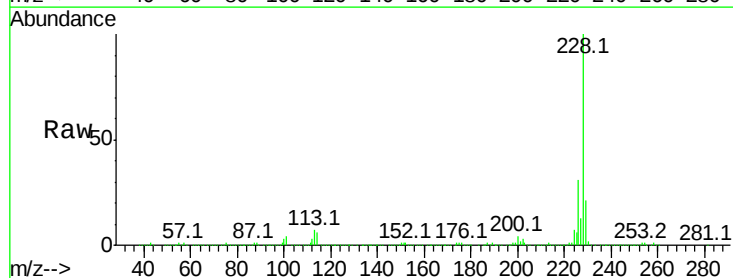
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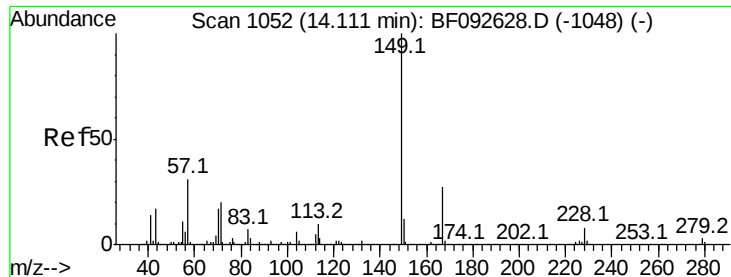
mohammad
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#82
 Chrysene
 Concen: 59.92 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.4	38.0
229	20.8	16.2	24.2





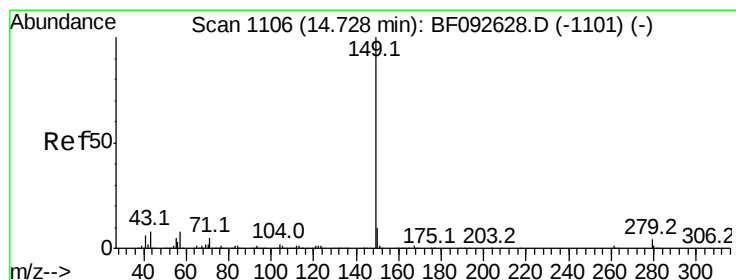
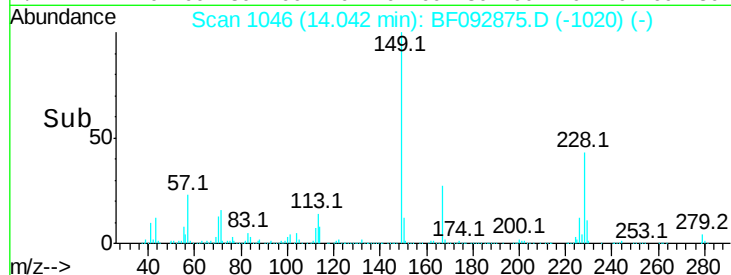
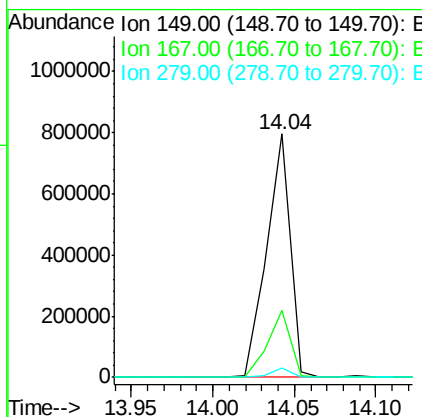
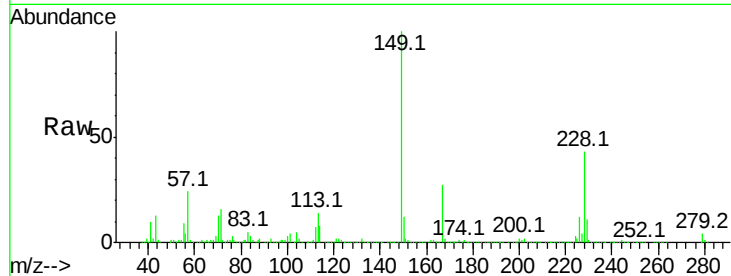
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.40 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.2	30.4
279	3.9	1.8	2.8#

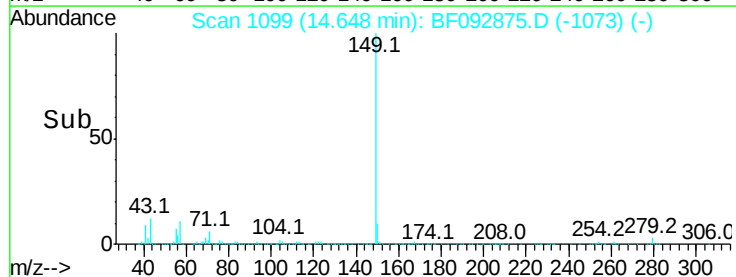
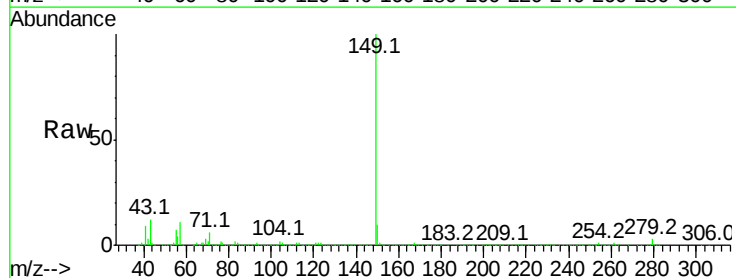
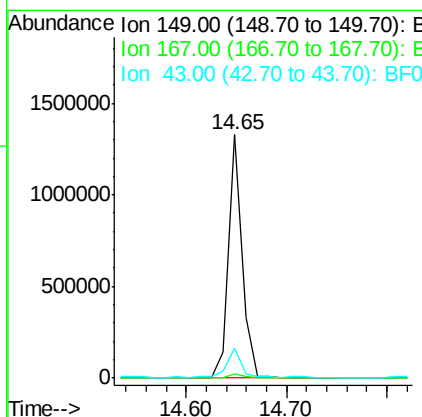
Manual Integrations
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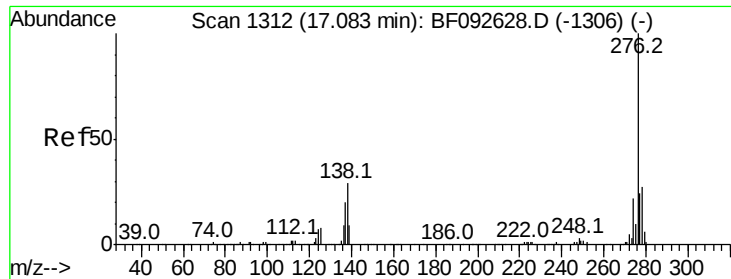
mohammad
2/9/2017 12:31:55 PM



#84
Di-n-octyl phthalate
Concen: 48.03 ng
RT: 14.65 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.6	8.9	13.3





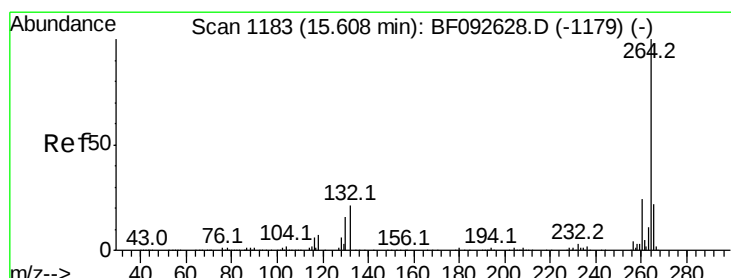
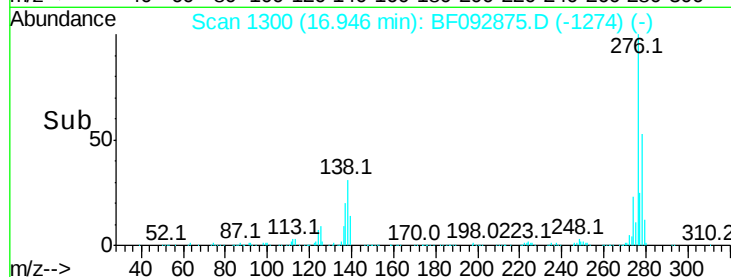
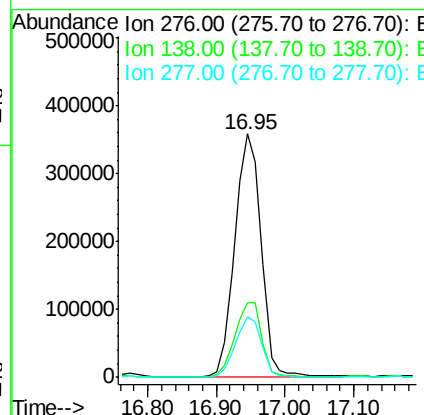
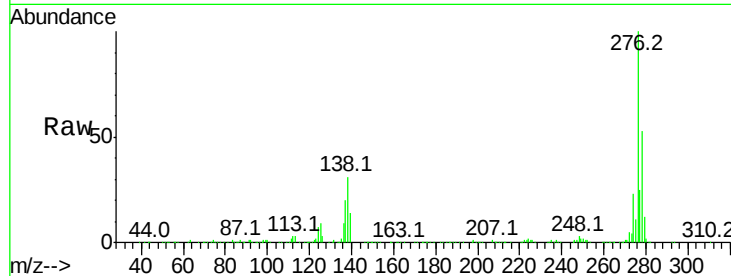
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.58 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.6
277	25.0	20.2	30.4

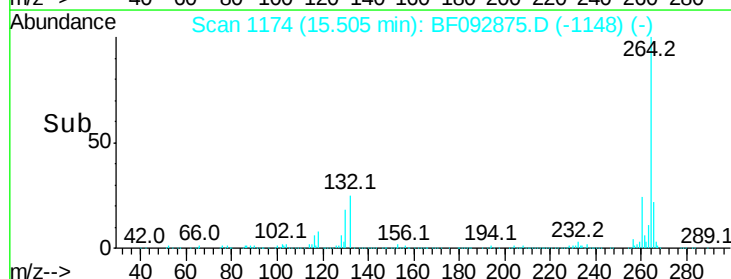
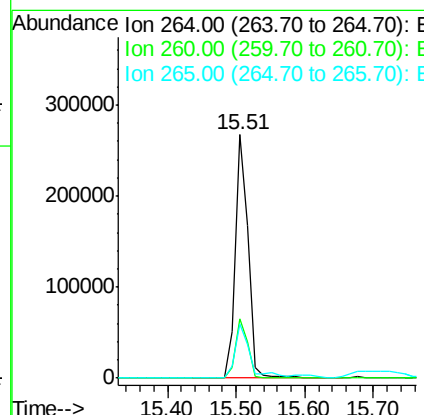
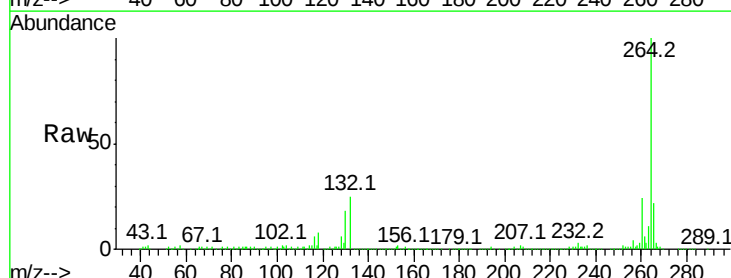
Manual Integrations
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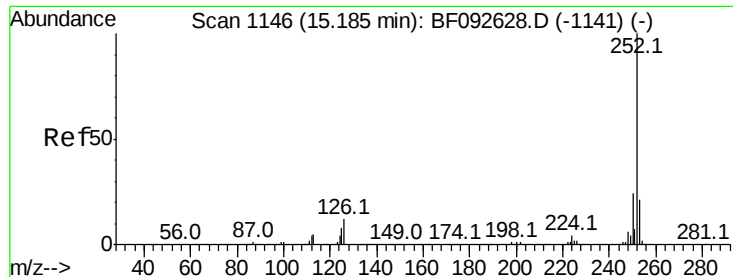
mohammad
2/9/2017 12:31:55 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.4	26.0





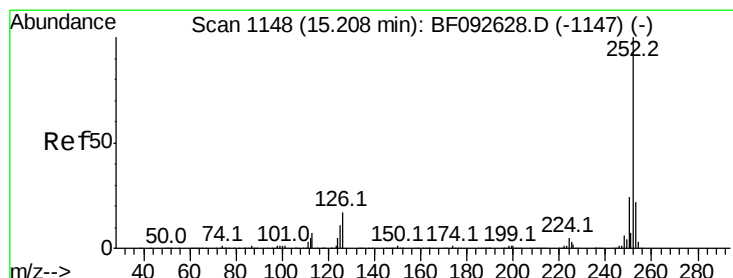
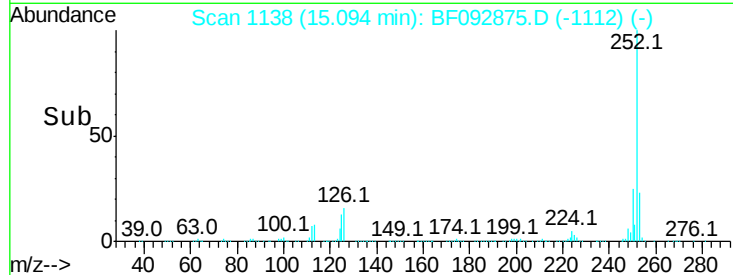
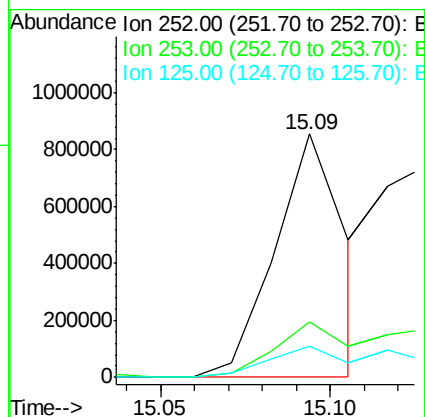
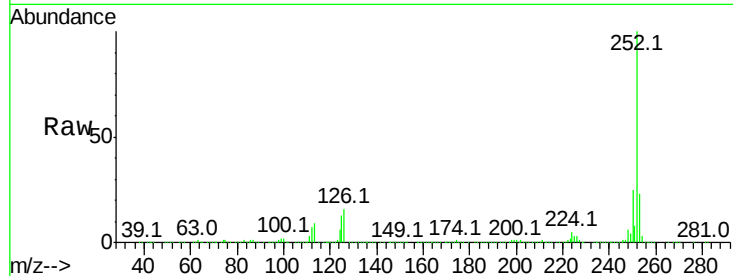
#87
Benzo(b)fluoranthene
Concen: 52.98 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion:252 Resp: 1229659
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.9 9.8 14.6

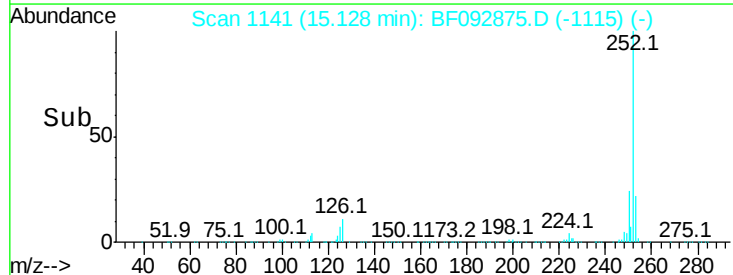
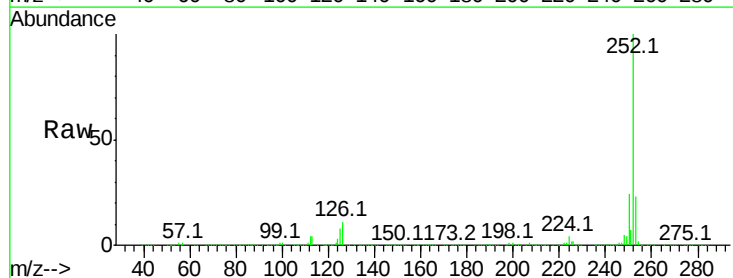
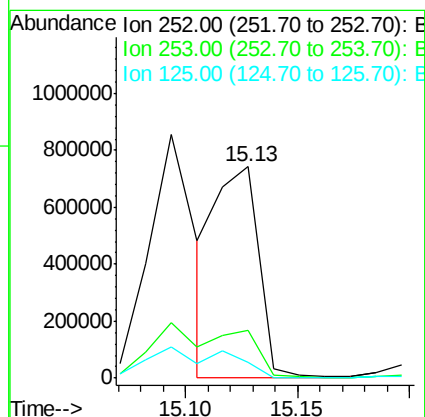
Manual Integrations
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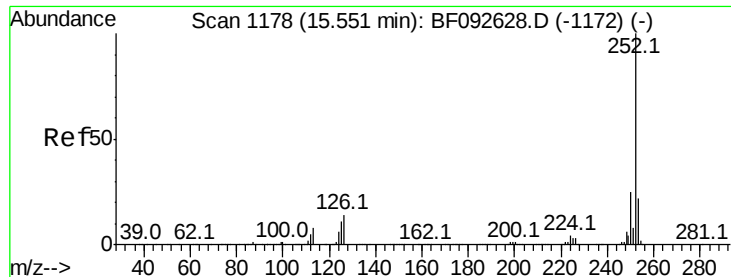
mohammad
2/9/2017 12:31:55 PM



#88
Benzo(k)fluoranthene
Concen: 50.44 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:252 Resp: 1010845
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 7.6 8.9 13.3#





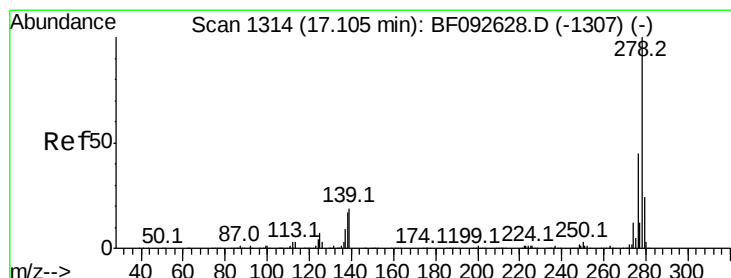
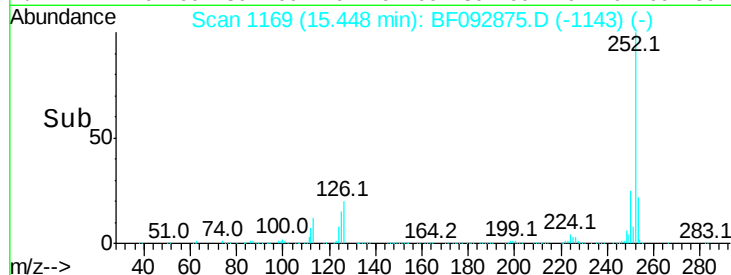
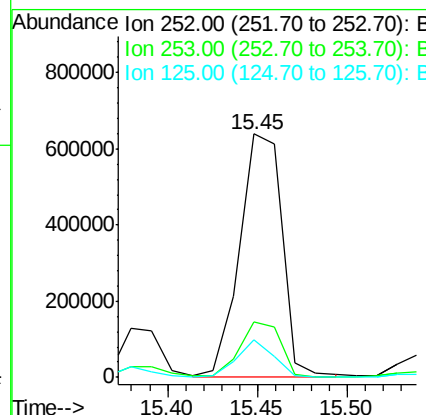
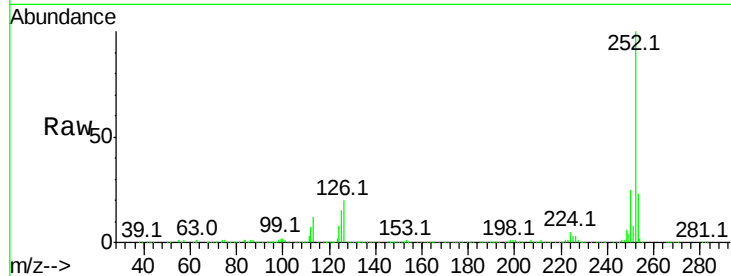
#89
Benzo(a)pyrene
Concen: 52.47 ng/ml
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	15.4	10.0	15.0

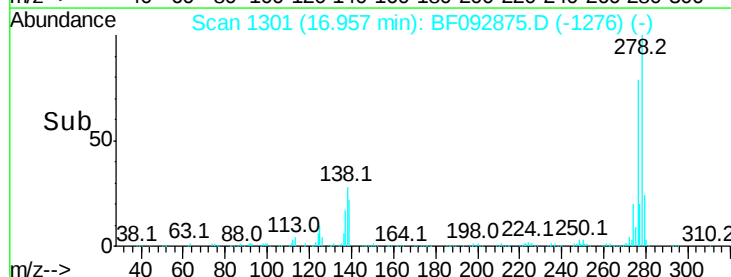
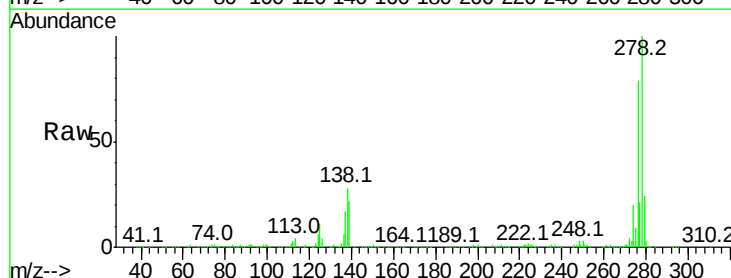
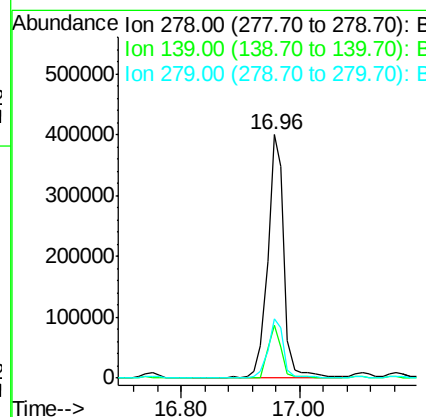
Manual Integrations
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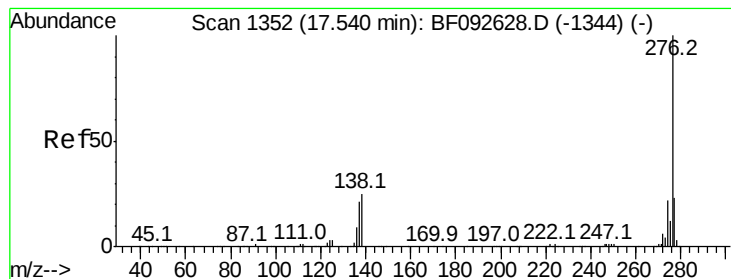
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.18 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.8	22.2
279	24.5	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 50.69 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF092875.D

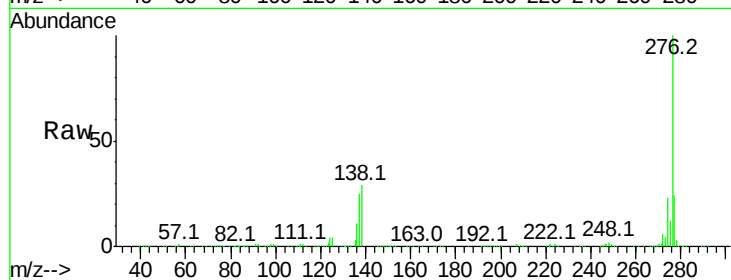
Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS



Tot Ion: 276 Resp: 830897

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 29.1 16.0 24.0#

Manual Integrations

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