

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092876.D
 Acq On : 9 Feb 2017 1:46
 Operator : SJ/MA
 Sample : I1754-09MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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 2/9/2017 12:32:02 PM

Quant Time: Feb 09 12:48:54 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	144675	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	552463	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	323099	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	470446	20.00	ng	0.00
75) Chrysene-d12	14.08	240	337911	20.00	ng	0.01
86) Perylene-d12	15.52	264	360243	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	408	0.05	ng	0.03
7) Phenol-d6	6.54	99	34637	3.19	ng	0.01
23) Nitrobenzene-d5	7.47	82	956563	96.42	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.26	172	1731996	97.12	ng	0.00
78) Terphenyl-d14	13.01	244	1475310	102.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	161377	35.42	ng	# 85
3) Pyridine	3.25	79	454431	39.22	ng	87
4) n-Nitrosodimethylamine	3.40	42	145685	26.78	ng	91
6) Aniline	6.56	93	324373	21.92	ng	# 48
10) Phenol	6.56	94	69414	5.47	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	407246	40.19	ng	90
12) 1,3-Dichlorobenzene	6.84	146	477196	43.79	ng	98
13) 1,4-Dichlorobenzene	6.91	146	477992	43.34	ng	99
14) 1,2-Dichlorobenzene	7.07	146	471824	44.74	ng	98
15) Benzyl Alcohol	7.05	79	381911	47.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	793035	45.05	ng	94
17) 2-Methylphenol	7.17	107	41762	5.23	ng	# 58
18) Hexachloroethane	7.41	117	164662	43.74	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	324609	47.00	ng	96
20) 3+4-Methylphenols	7.32	107	63408	6.64	ng	# 85
22) Acetophenone	7.31	105	605258	47.98	ng	# 93
24) Nitrobenzene	7.48	77	444554	43.64	ng	98
25) Isophorone	7.72	82	1089928	58.96	ng	100
27) 2,4-Dimethylphenol	7.85	122	64506	7.59	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	588487	48.07	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	405053	47.39	ng	94
31) Naphthalene	8.21	128	4051707	144.67	ng	99
32) Benzoic acid	7.97	122	13247	9.50	ng	# 16
33) 4-Chloroaniline	8.26	127	343232	31.25	ng	95
34) Hexachlorobutadiene	8.32	225	206371	43.88	ng	98
35) Caprolactam	8.59	113	74029	29.67	ng	# 48
37) 2-Methylnaphthalene	8.90	142	1976912	109.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	363125	40.04	ng	98
40) Hexachlorocyclopentadiene	9.05	237	230423	56.31	ng	96
45) 1,1'-Biphenyl	9.37	154	1534428	65.59	ng	99
46) 2-Chloronaphthalene	9.39	162	849671	46.42	ng	96
47) 2-Nitroaniline	9.48	65	254295	41.33	ng	97
48) Acenaphthylene	9.80	152	1363851	43.14	ng	99
49) Dimethylphthalate	9.66	163	468790	21.54	ng	100

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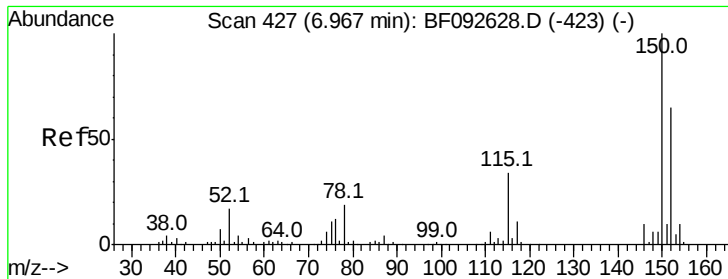
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.73	165	223771	47.61	nq	93
51) Acenaphthene	9.98	154	2302613	121.81	nq	97
52) 3-Nitroaniline	9.90	138	240671	44.75	nq	82
54) Dibenzofuran	10.16	168	3123238	123.53	nq	91
56) 2,4-Dinitrotoluene	10.13	165	215106	34.38	nq	# 89
57) Fluorene	10.50	166	2458872	126.41	nq	97
59) Diethylphthalate	10.36	149	720446	35.13	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	342888	36.69	nq	# 72
61) 4-Nitroaniline	10.51	138	238118	43.22	nq	89
62) Azobenzene	10.64	77	915456	43.21	nq	88
64) 4,6-Dinitro-2-methylphenol	10.58	198	235	2.75	nq	# 1
65) n-Nitrosodiphenylamine	10.60	169	947772	63.07	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	238082	48.44	nq	96
67) Hexachlorobenzene	11.05	284	246144	50.68	nq	94
68) Atrazine	11.14	200	268142	55.60	nq	97
70) Phenanthrene	11.47	178	7478844m	277.48	nq	
71) Anthracene	11.52	178	2330100m	86.09	nq	
72) Carbazole	11.66	167	1887768	72.96	nq	99
73) Di-n-butylphthalate	11.98	149	1293973	46.24	nq	# 98
74) Fluoranthene	12.66	202	5005442	180.04	nq	97
76) Benzidine	12.76	184	391889	27.22	nq	96
77) Pyrene	12.89	202	4134415	163.49	nq	97
79) Butylbenzylphthalate	13.48	149	450578	43.88	nq	89
80) Benzo(a)anthracene	14.07	228	2069258	100.12	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	245958	33.39	nq	97
82) Chrysene	14.10	228	1553477	80.28	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	836245	59.55	nq	# 97
84) Di-n-octyl phthalate	14.65	149	1275042	55.75	nq	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	1078729	71.97	nq	96
87) Benzo(b)fluoranthene	15.11	252	1785148m	75.29	nq	
88) Benzo(k)fluoranthene	15.13	252	833493m	40.71	nq	
89) Benzo(a)pyrene	15.46	252	1178797	57.47	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	838349	50.57	nq	99
91) Benzo(g,h,i)perylene	17.39	276	946540	56.52	nq	# 95

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



#1

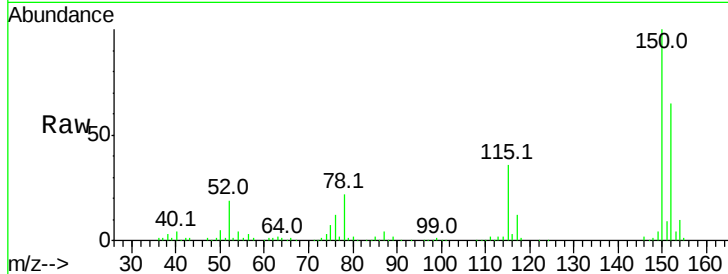
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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E2-B1-B2021-CONCRETEMSD

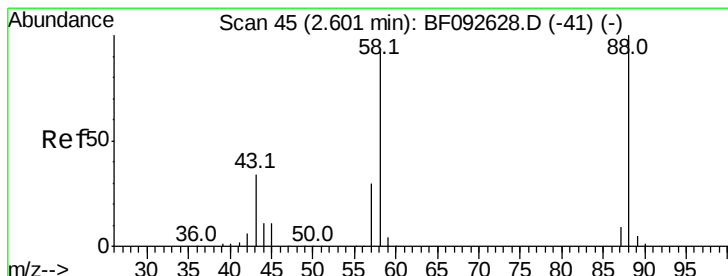
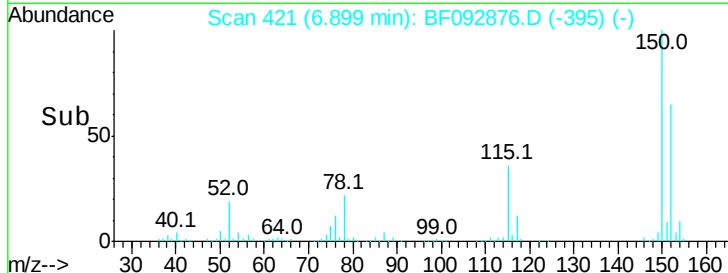
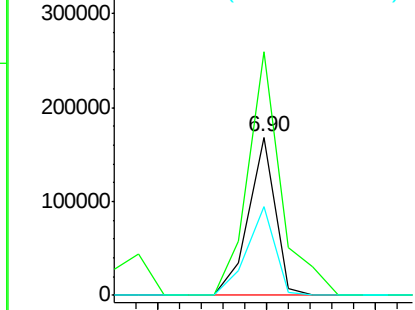
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	56.1	46.0	69.0

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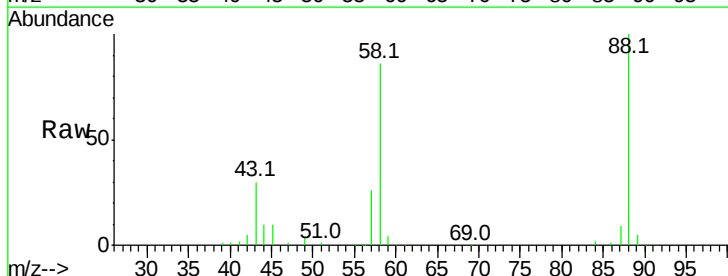
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



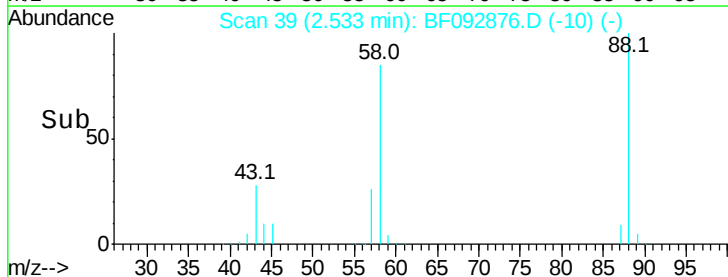
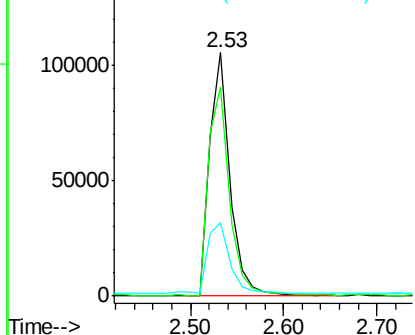
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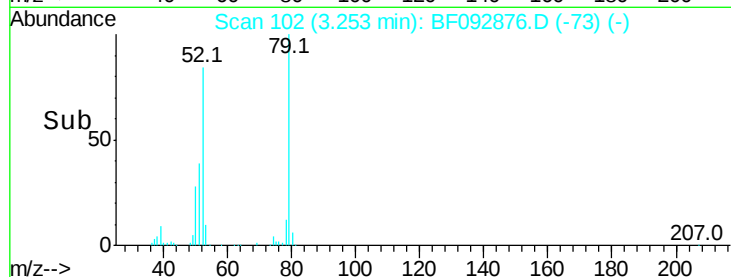
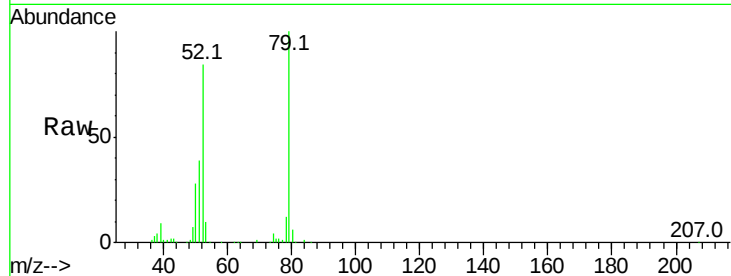
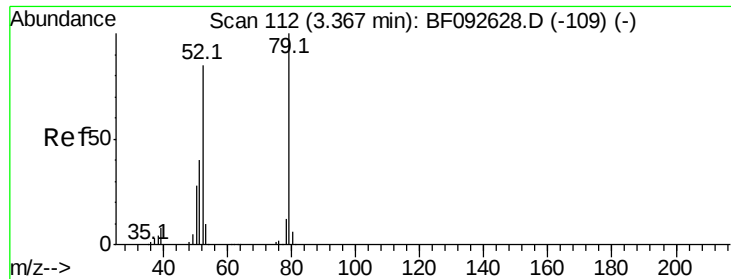
1,4-Dioxane
Concen: 35.42 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.03 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	57.8	86.8#
43	31.0	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





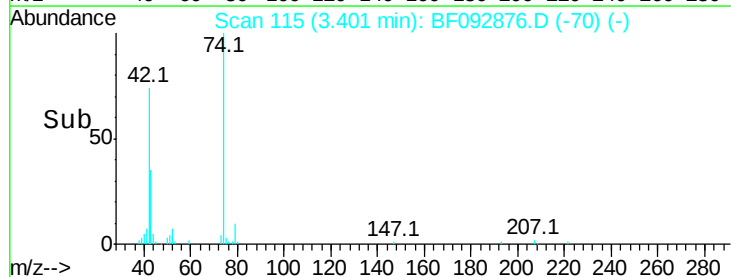
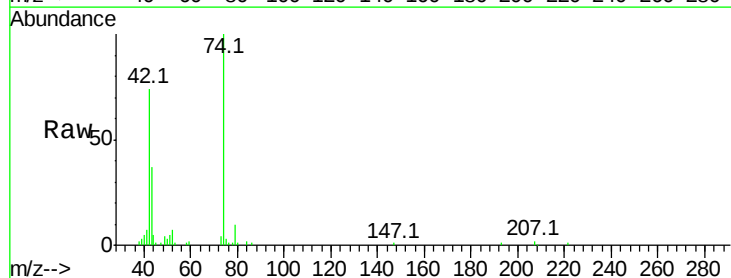
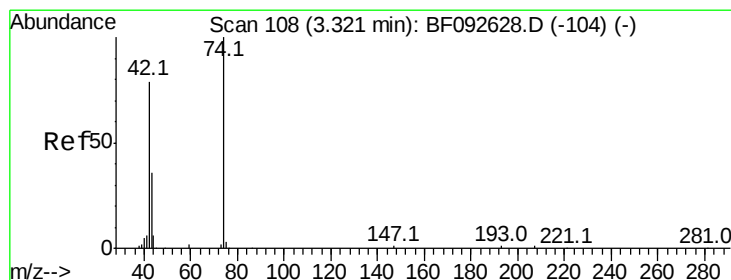
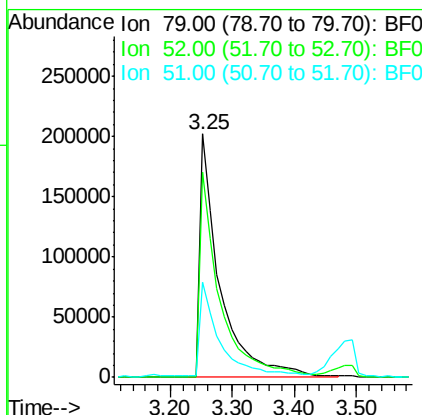
#3
 Pvridine
 Concen: 39.22 ng
 RT: 3.25 min Scan# 102
 Delta R.T. 0.03 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.1	57.1	85.7
51	39.2	27.3	40.9

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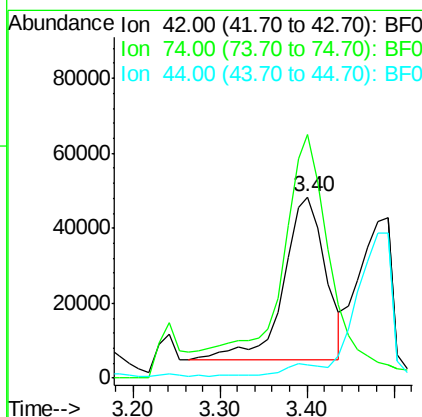
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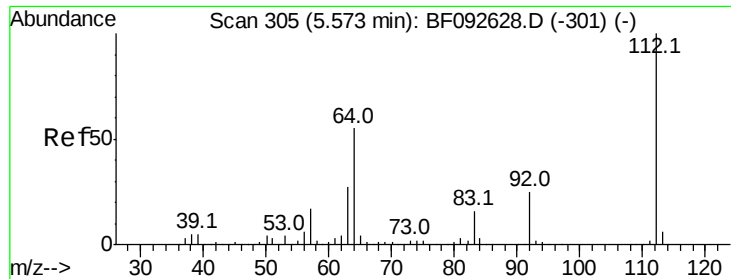
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#4
 n-Nitrosodimethylamine
 Concen: 26.78 ng
 RT: 3.40 min Scan# 115
 Delta R.T. 0.22 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.5	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 0.05 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.03 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

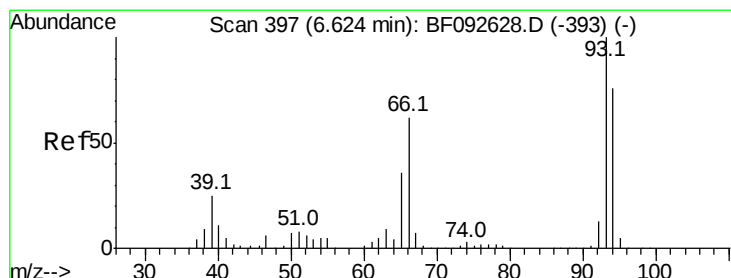
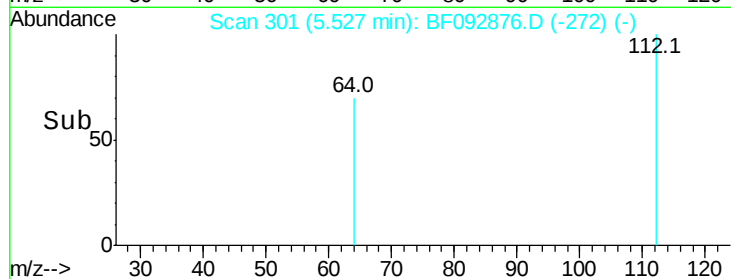
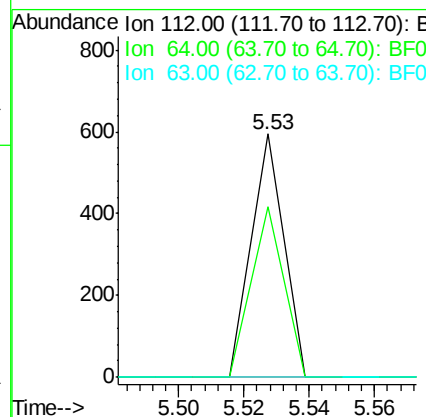
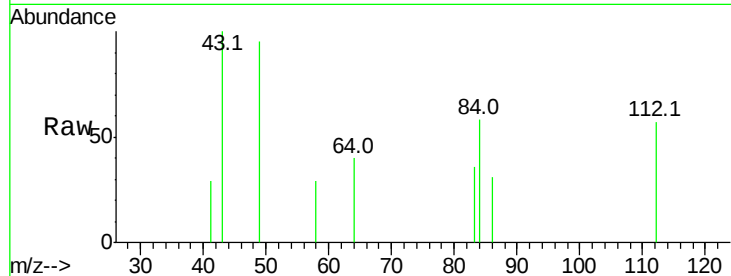
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	112	Resp:	408
Ion Ratio	Lower	Upper	
112	100		
64	69.9	46.1	69.1#
63	0.0	23.8	35.6#

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#6

Aniline

Concen: 21.92 ng

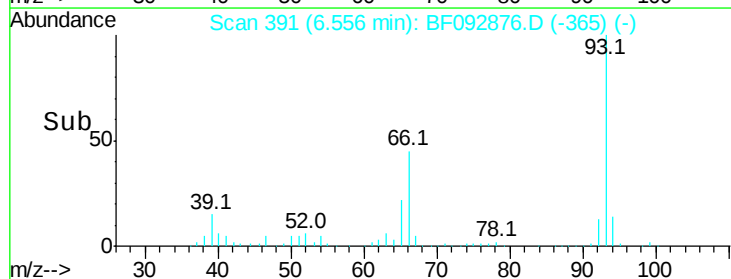
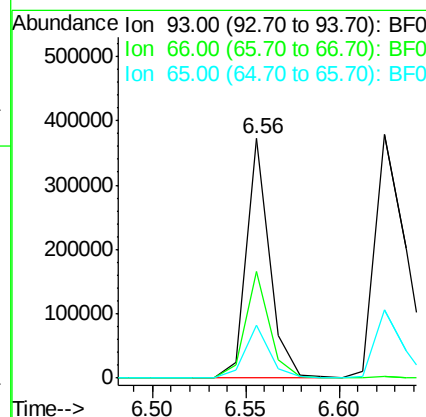
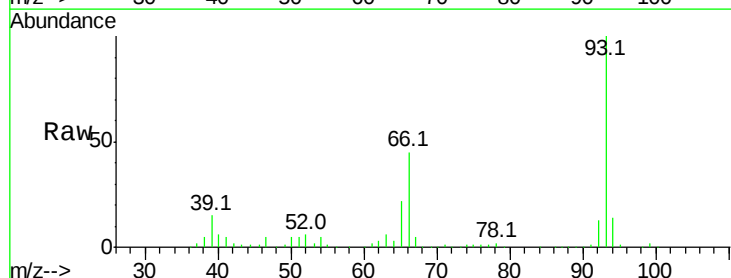
RT: 6.56 min Scan# 391

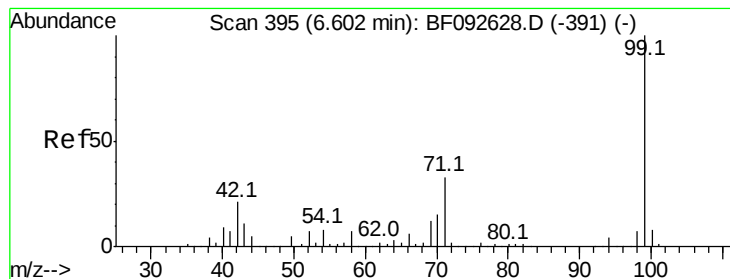
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	93	Resp:	324373
Ion Ratio	Lower	Upper	
93	100		
66	44.6	76.2	114.2#
65	21.8	49.3	73.9#





#7

Phenol-d6

Concen: 3.19 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

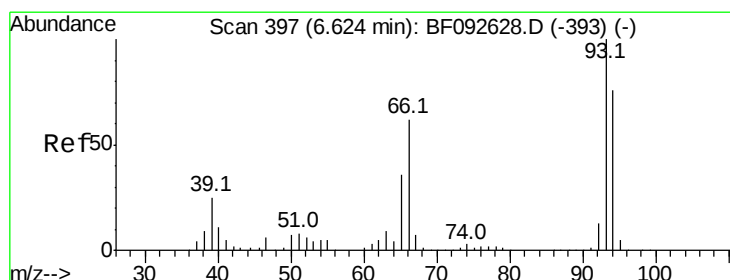
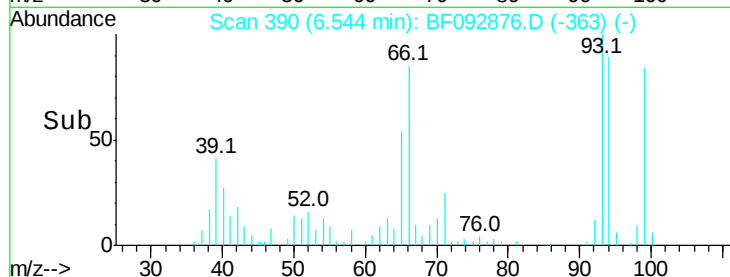
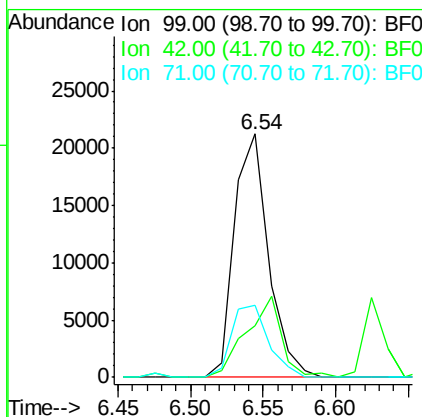
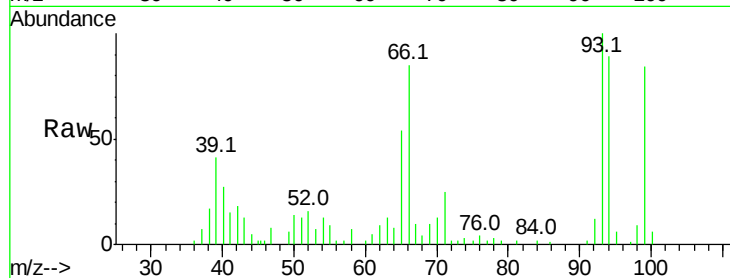
ClientSampleId :

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Tot Ion:	99	Resp:	34637
Ion Ratio	Lower	Upper	
99	100		
42	21.4	15.6	23.4
71	29.8	27.5	41.3

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#10

Phenol

Concen: 5.47 ng

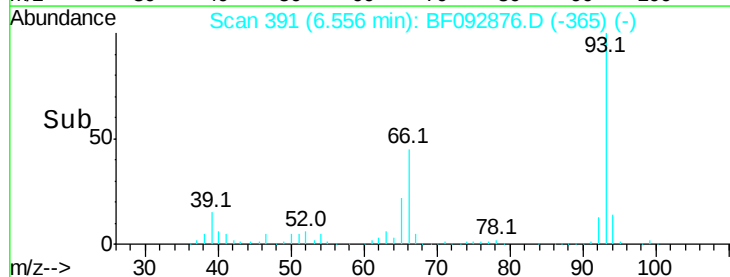
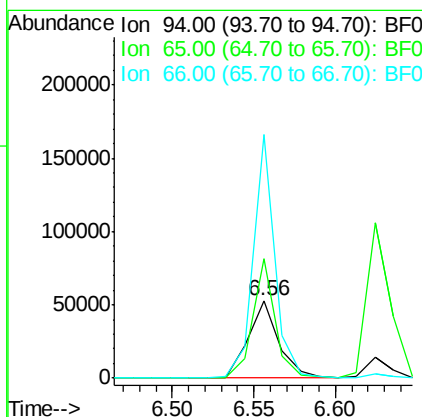
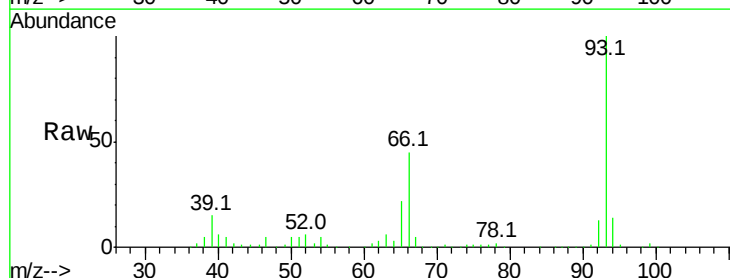
RT: 6.56 min Scan# 391

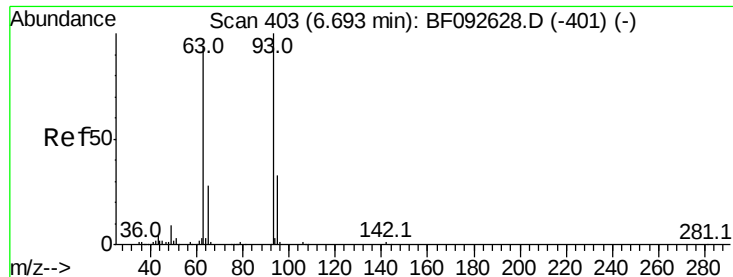
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	94	Resp:	69414
Ion Ratio	Lower	Upper	
94	100		
65	154.2	21.4	61.4#
66	315.0	44.0	84.0#





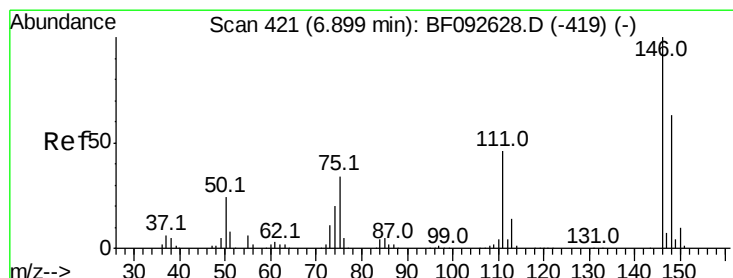
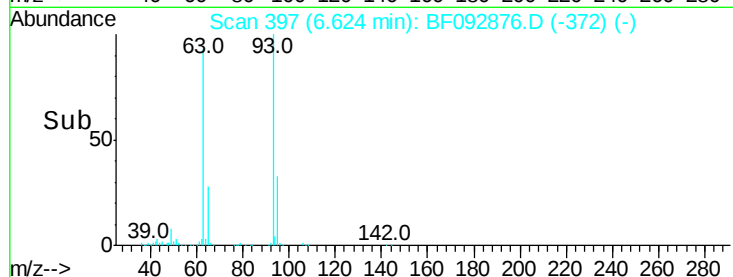
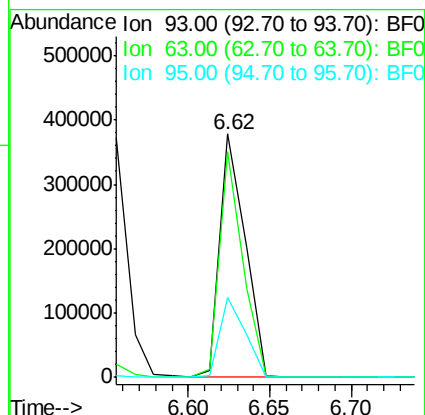
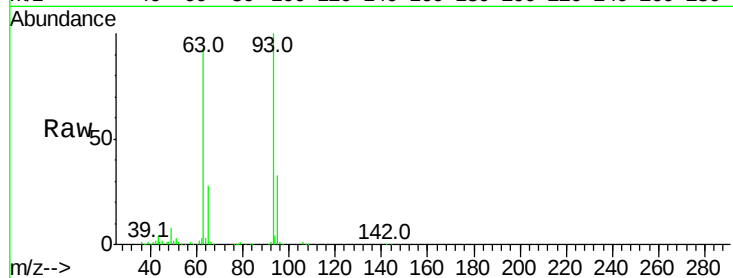
#11
bis(2-Chloroethyl)ether
Concen: 40.19 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.8	60.4	100.4
95	32.6	12.8	52.8

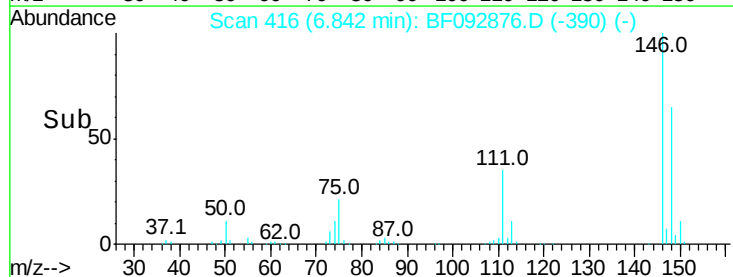
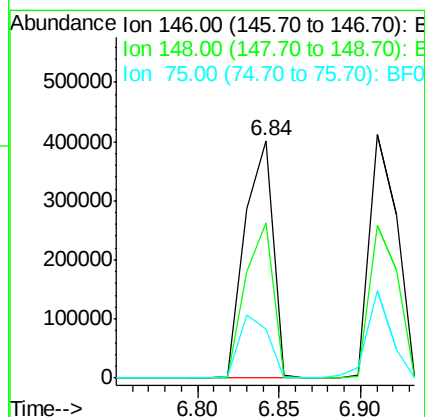
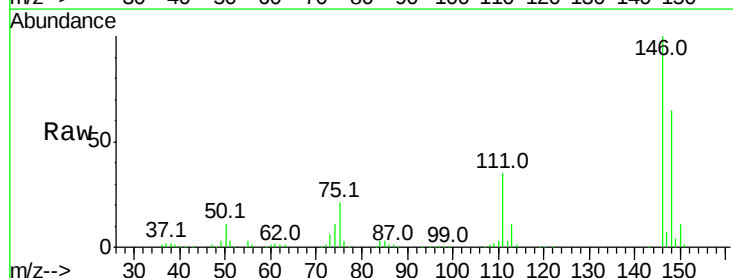
Manual Integrations
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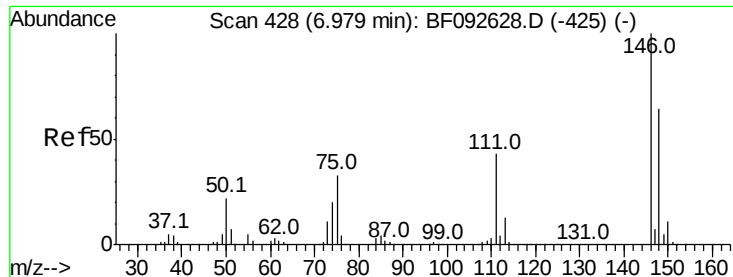
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#12
1,3-Dichlorobenzene
Concen: 43.79 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.0
75	20.8	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

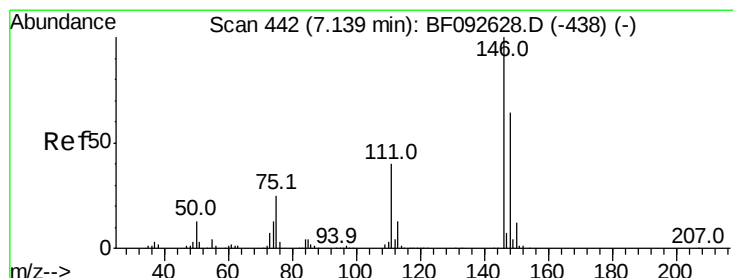
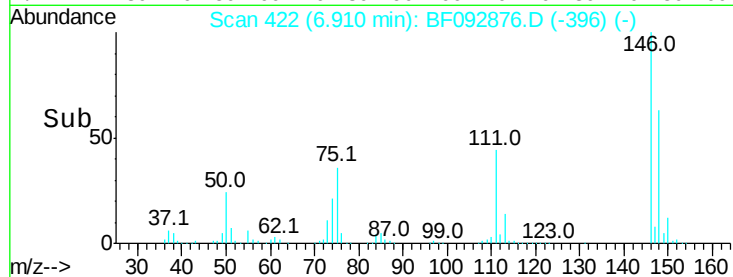
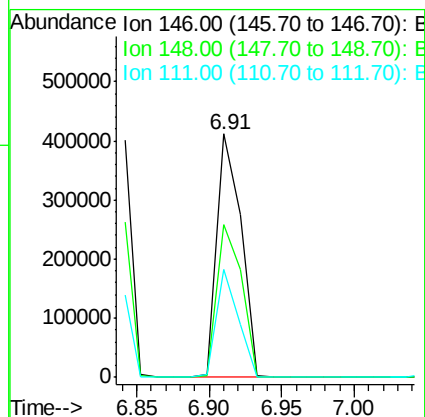
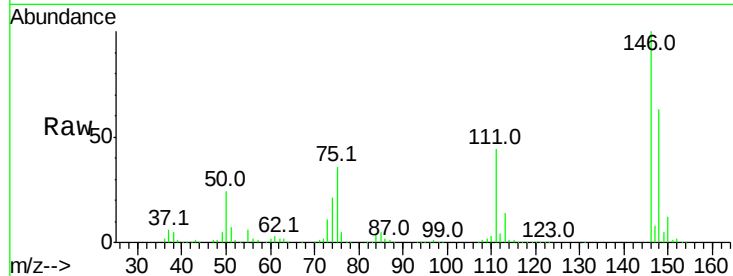
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	146	Resp:	477992
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.6	76.0
111	44.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 44.74 ng

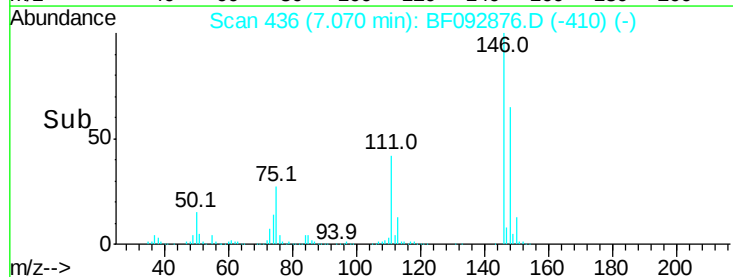
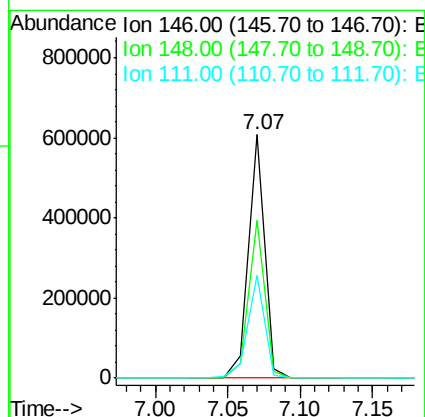
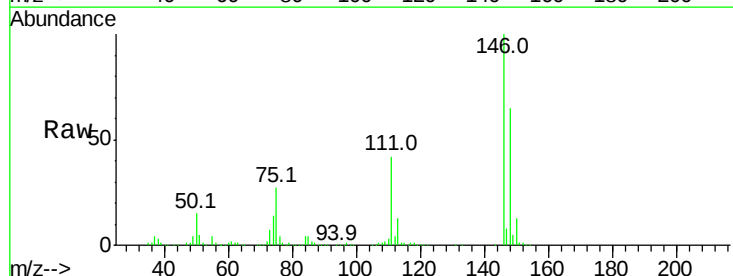
RT: 7.07 min Scan# 436

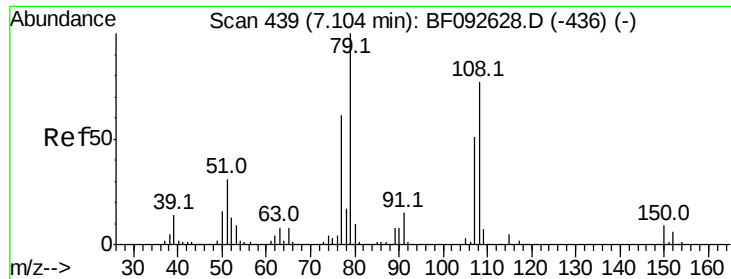
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	146	Resp:	471824
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	42.0	36.2	54.2





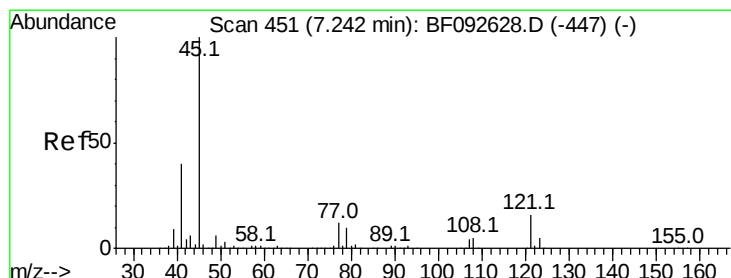
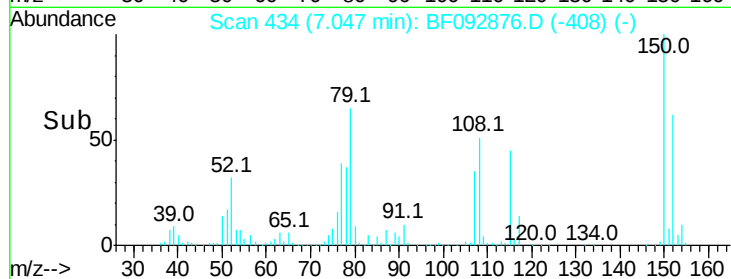
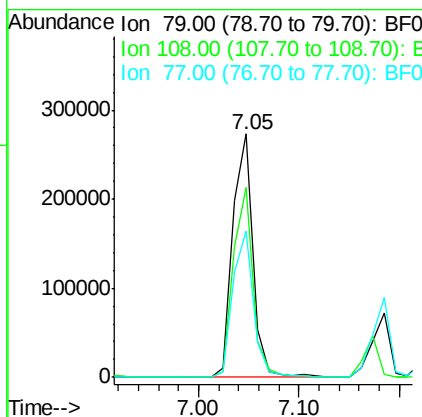
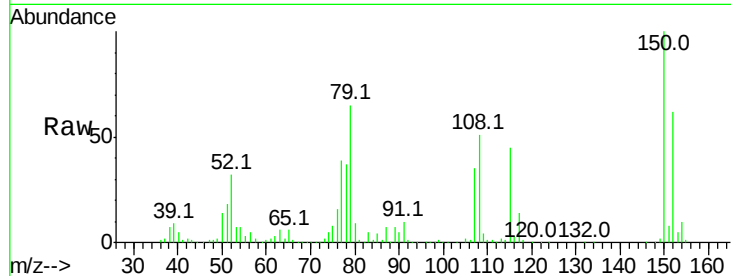
#15
Benzyl Alcohol
Concen: 47.54 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	61.4	92.0
77	60.3	50.9	76.3

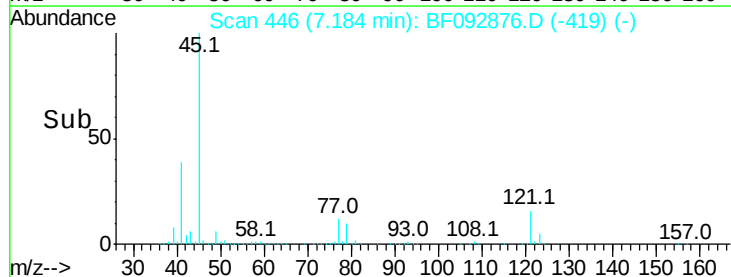
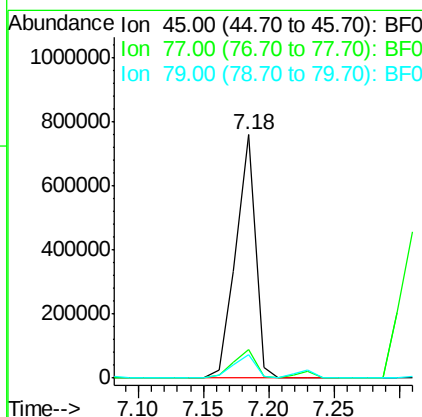
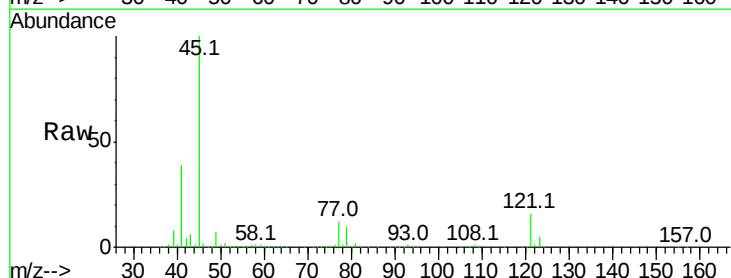
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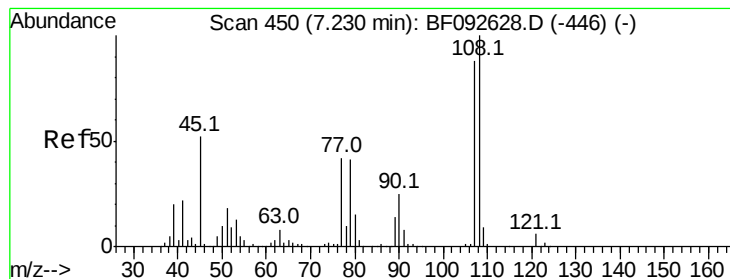
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.05 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	34.6
79	9.5	0.0	31.2





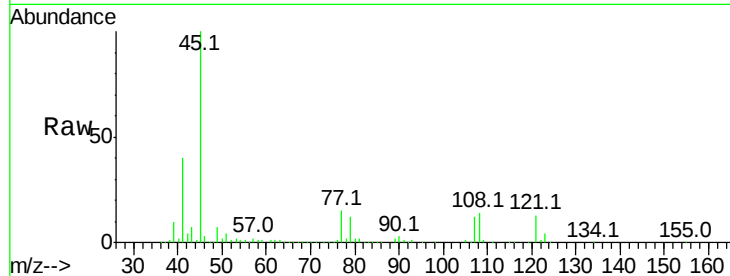
#17
2-Methylphenol
Concen: 5.23 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

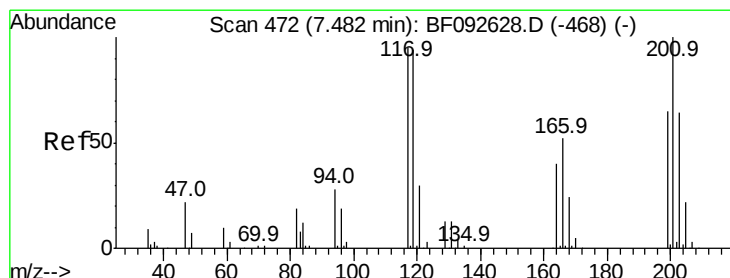
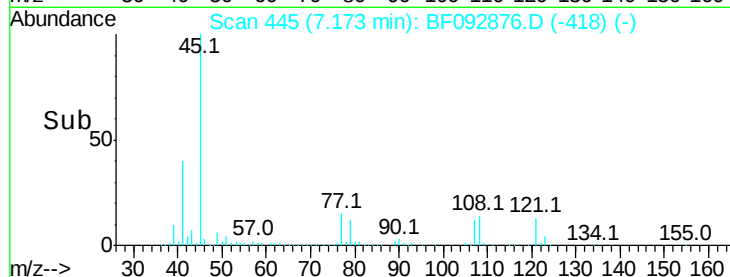
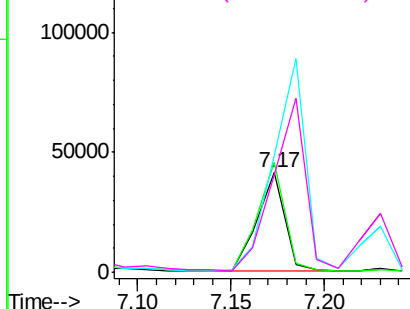
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	93.0	139.6
77	116.9	39.8	59.8
79	97.4	38.0	57.0

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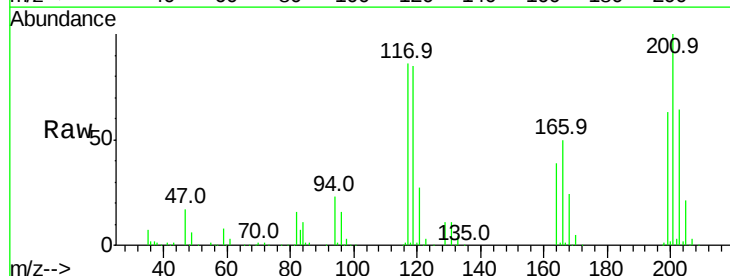


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

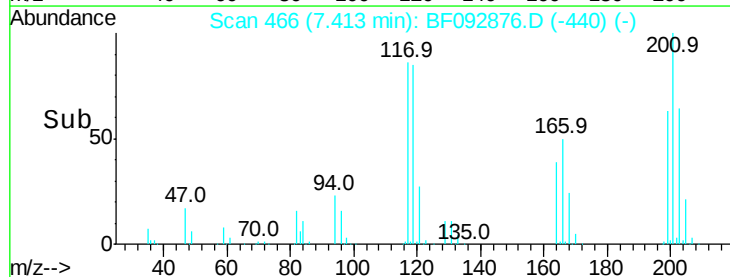
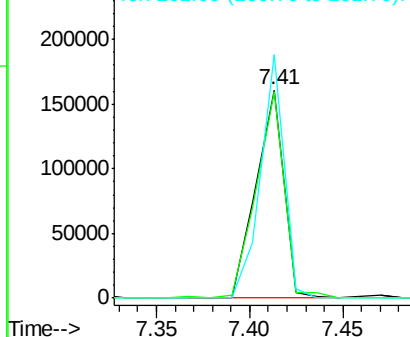


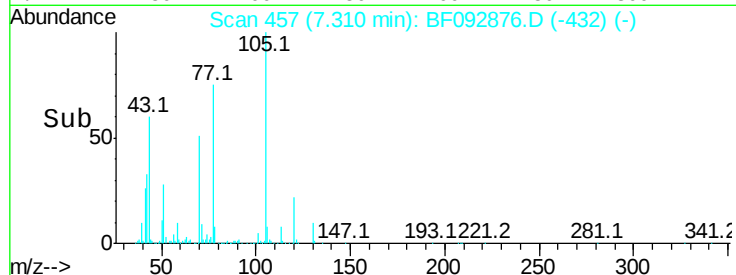
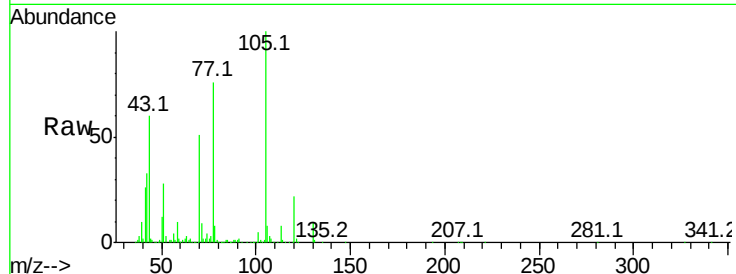
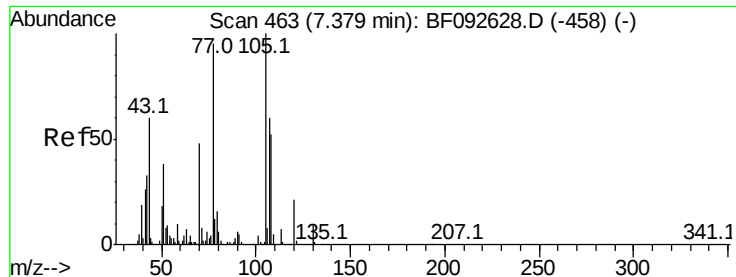
#18
Hexachloroethane
Concen: 43.74 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.1	117.1
201	116.8	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





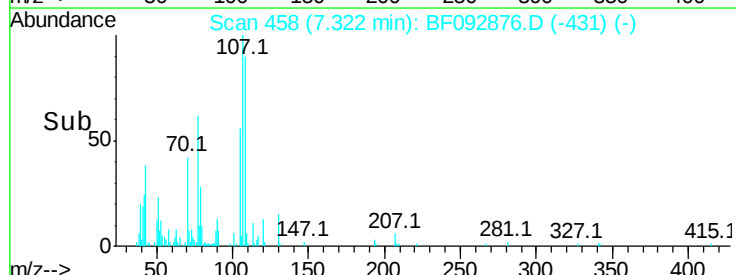
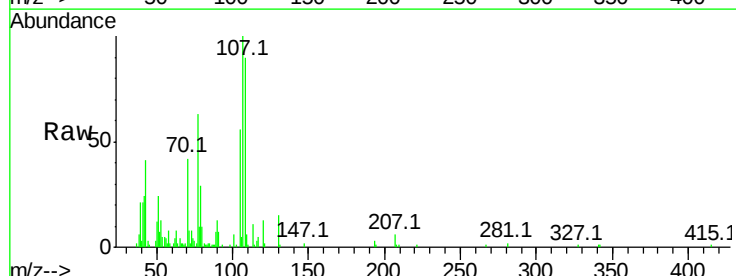
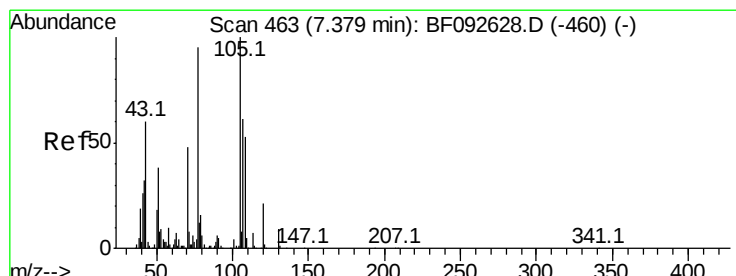
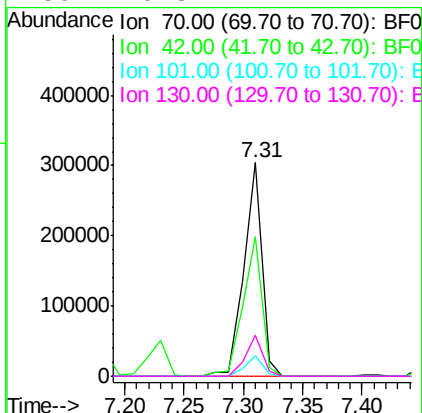
#19
n-Nitroso-di-n-propylamine
Concen: 47.00 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	49.4	74.0
101	9.6	7.4	11.2
130	19.3	14.2	21.4

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

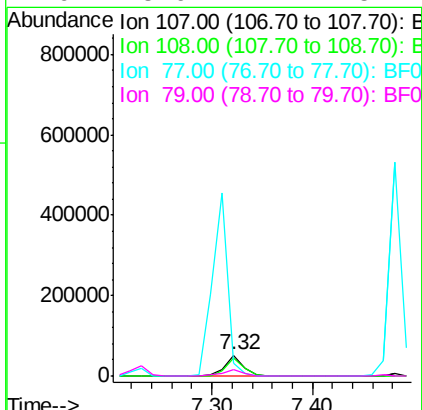
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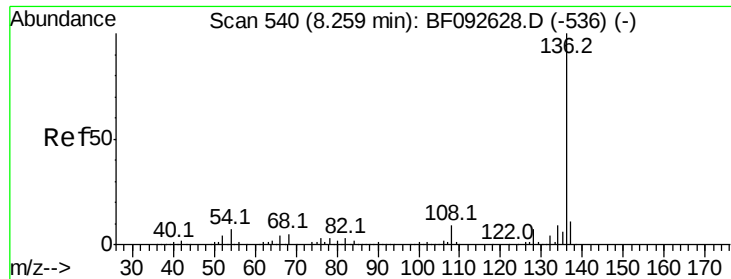
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#20
3+4-Methylphenols
Concen: 6.64 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.0	113.0
77	62.8	71.3	111.3
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

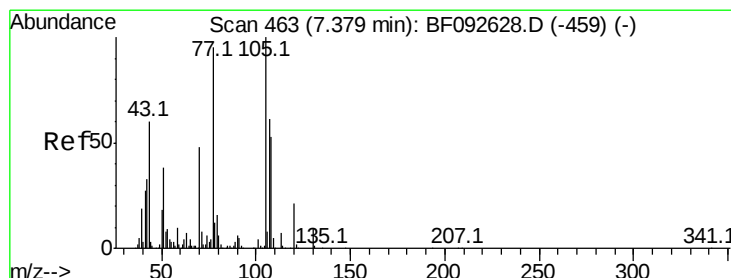
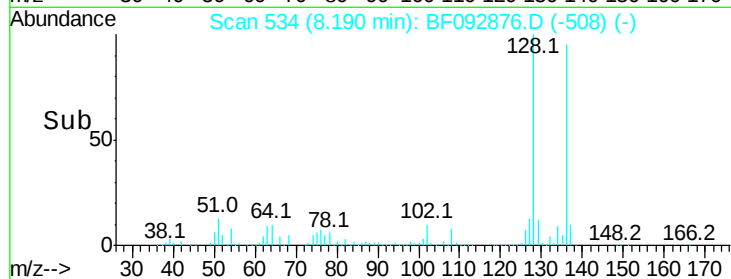
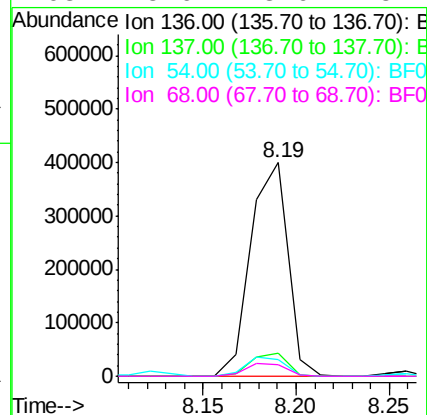
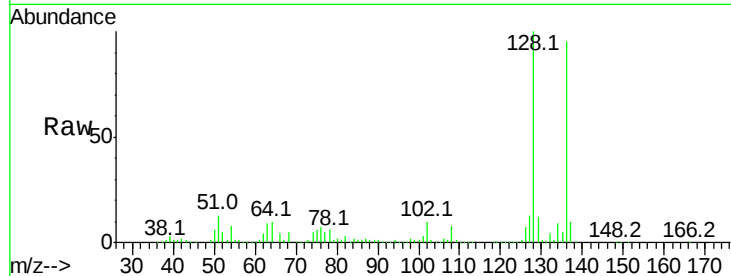
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.4	12.6	
54	8.1	4.5	6.7#	
68	5.6	3.6	5.4#	

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#22

Acetophenone

Concen: 47.98 ng

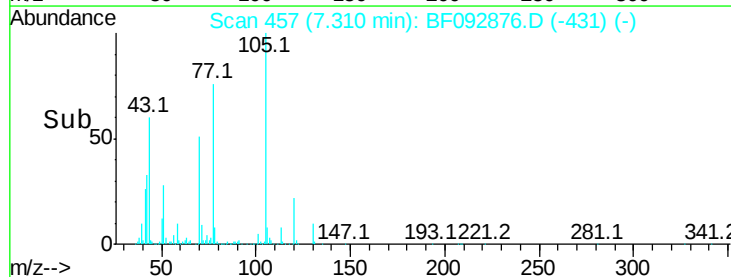
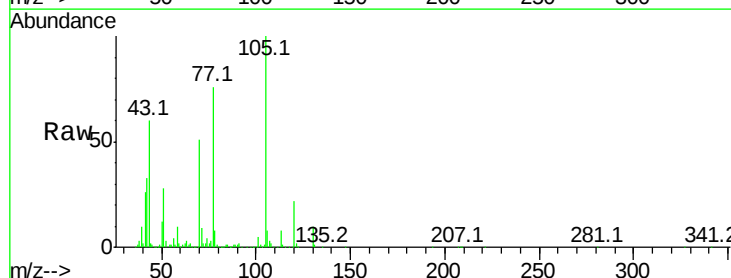
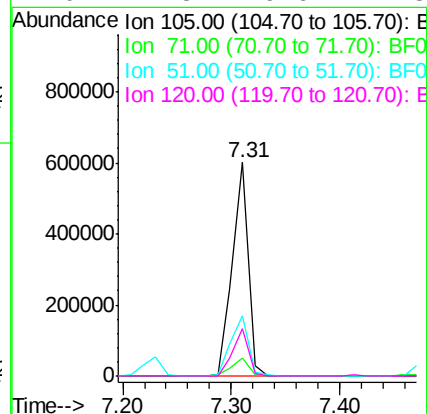
RT: 7.31 min Scan# 457

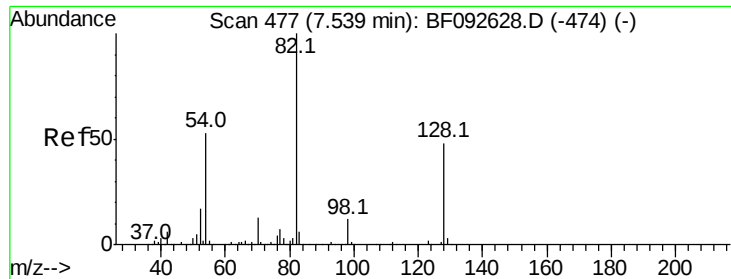
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	3.2	4.8#	
51	28.5	26.2	39.4	
120	22.3	16.6	24.8	





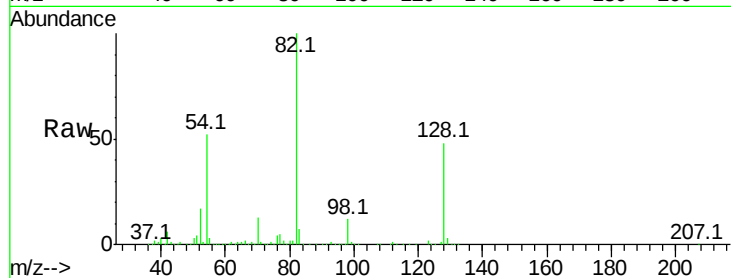
#23
 Nitrobenzene-d5
 Concen: 96.42 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

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

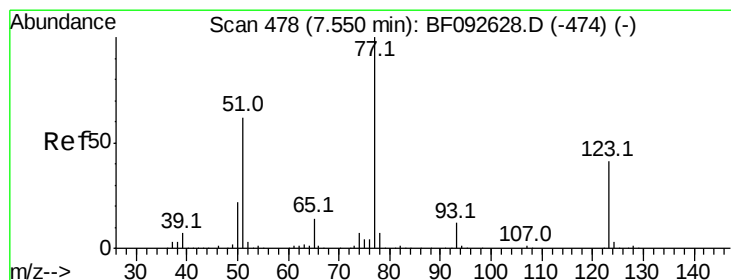
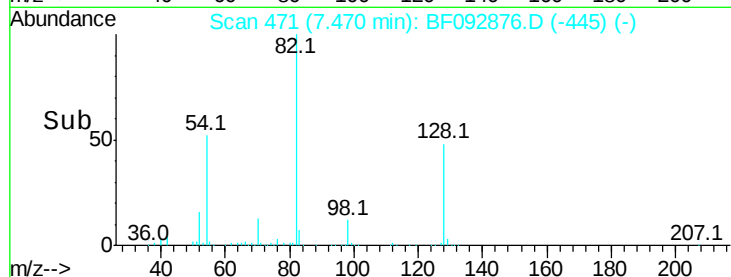
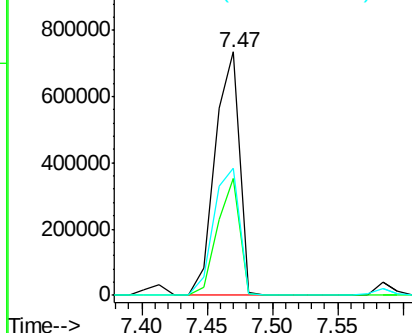
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.6	52.0
54	52.4	39.5	59.3

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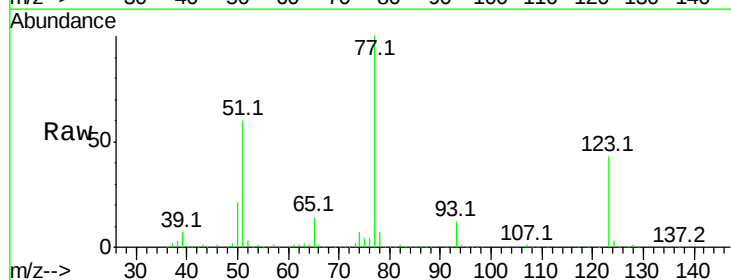


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

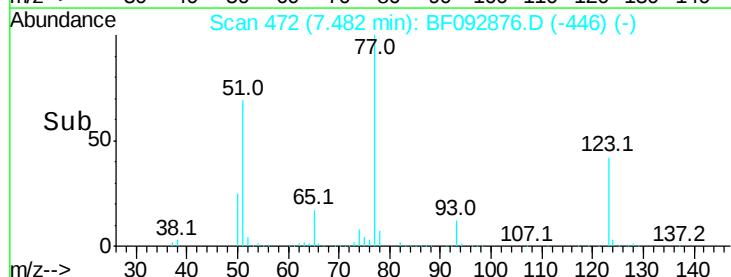
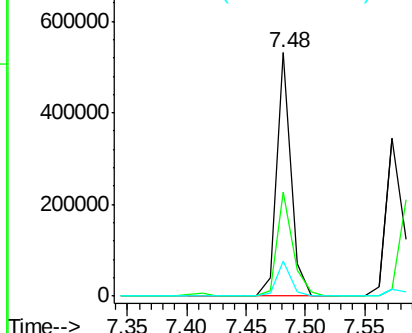


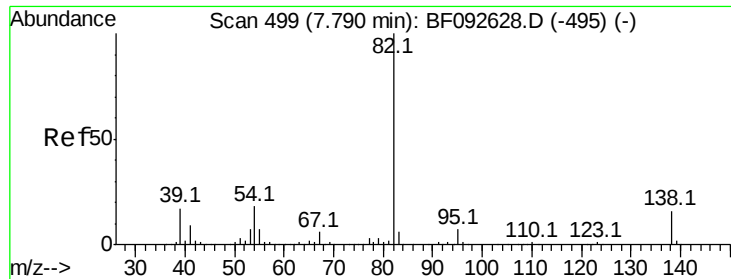
#24
 Nitrobenzene
 Concen: 43.64 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	33.0	49.4
65	14.4	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 58.96 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion: 82 Resp: 1089928

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

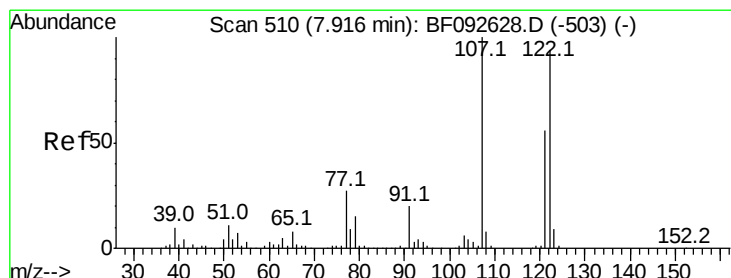
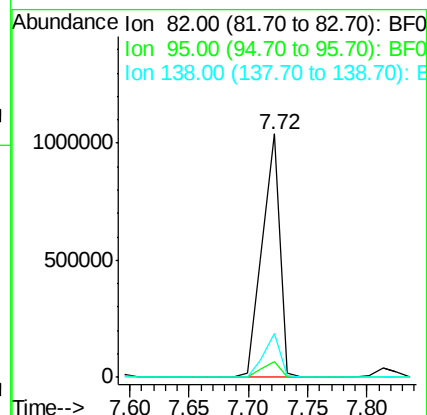
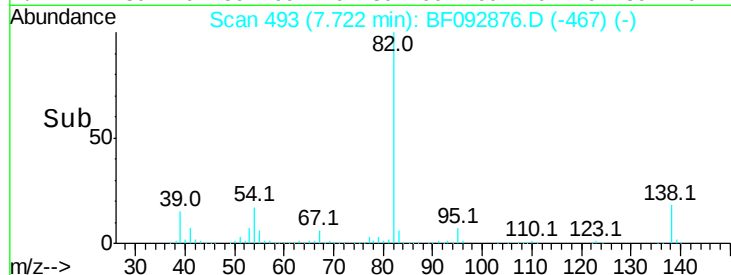
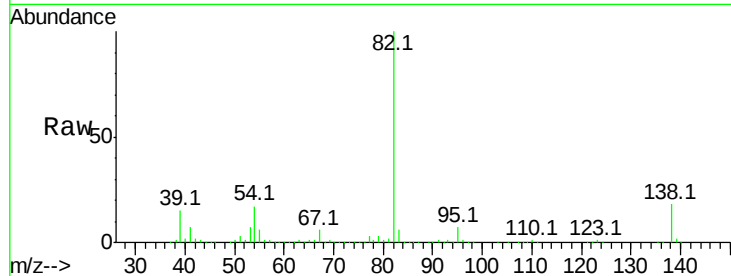
138 18.3 14.6 22.0

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#27

2,4-Dimethylphenol

Concen: 7.59 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

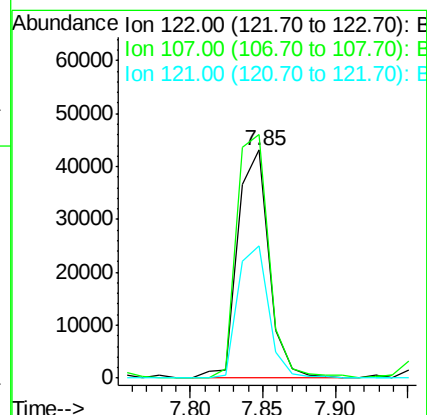
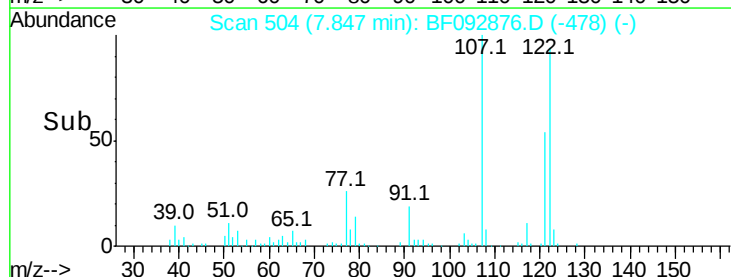
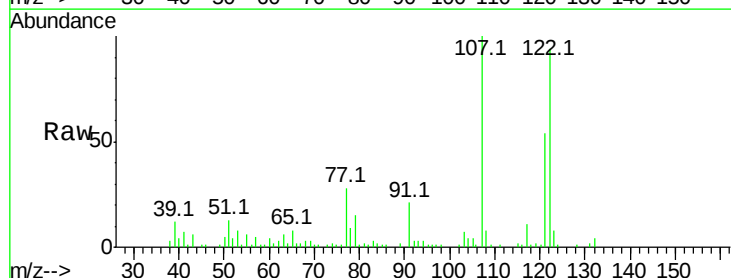
Tgt Ion: 122 Resp: 64506

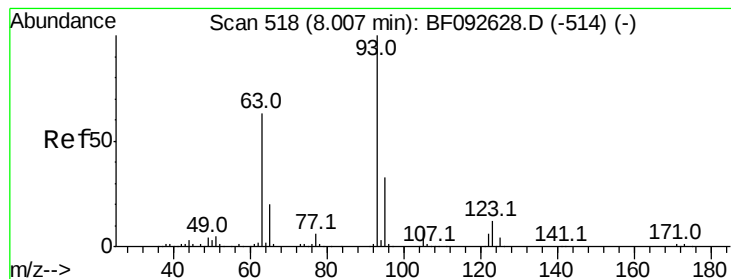
Ion Ratio Lower Upper

122 100

107 106.8 94.1 141.1

121 57.8 46.0 69.0





#28

bis(2-Chloroethoxy)methane

Concen: 48.07 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

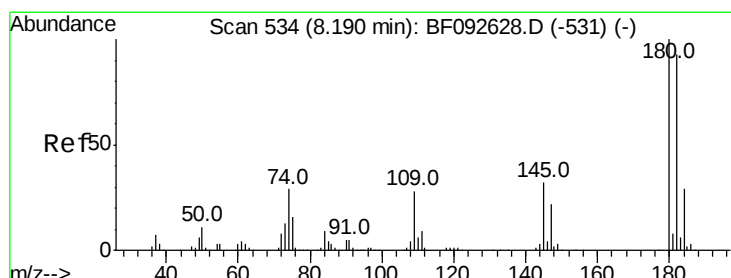
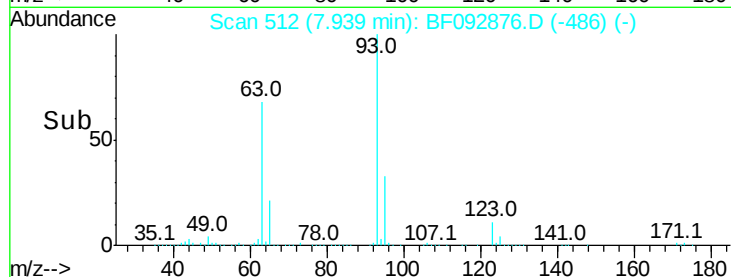
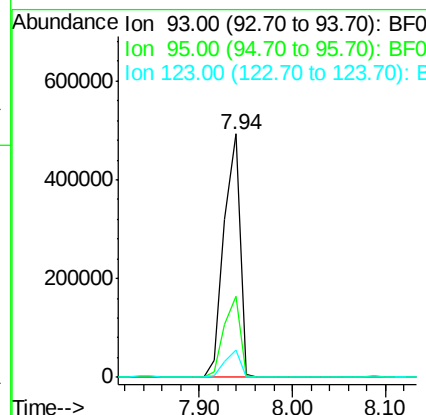
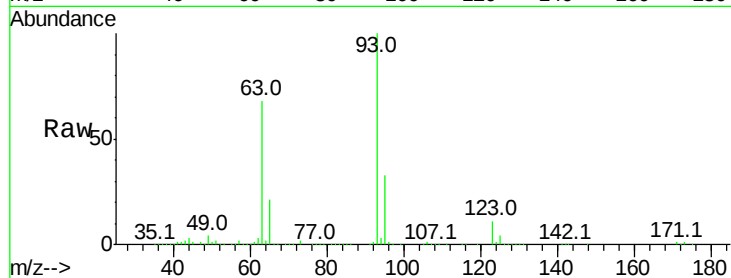
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	93	Resp:	588487
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	11.1	8.6	13.0

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#30

1,2,4-Trichlorobenzene

Concen: 47.39 ng

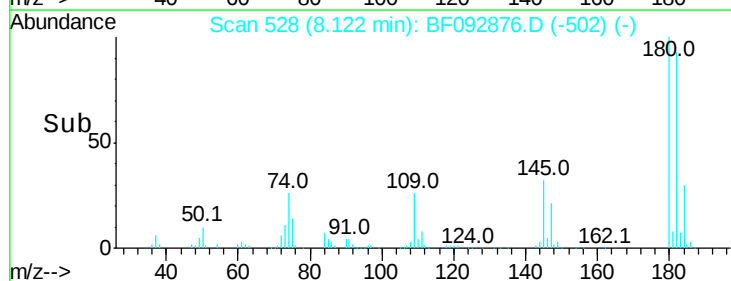
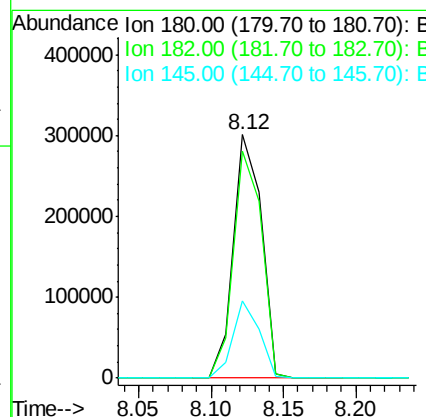
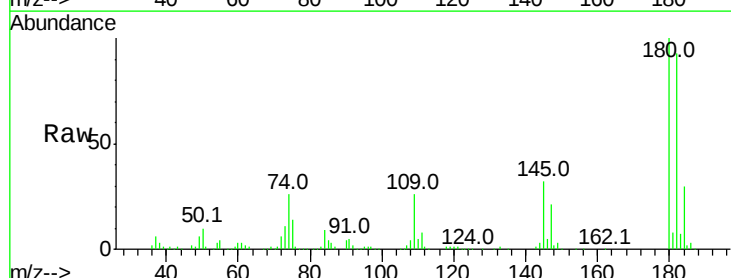
RT: 8.12 min Scan# 528

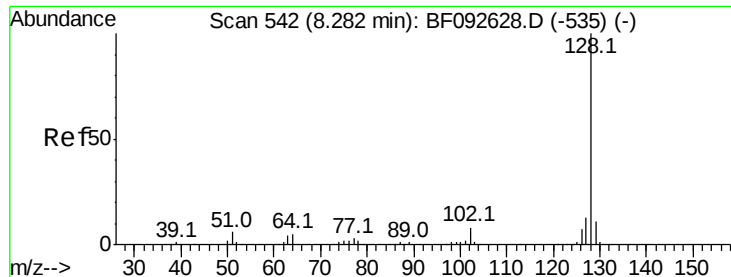
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	180	Resp:	405053
Ion Ratio	Lower	Upper	
180	100		
182	93.0	78.2	117.4
145	31.7	21.6	32.4





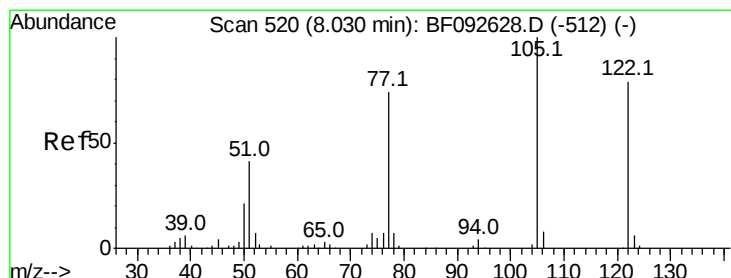
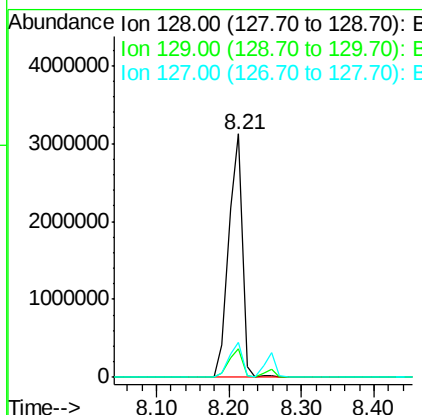
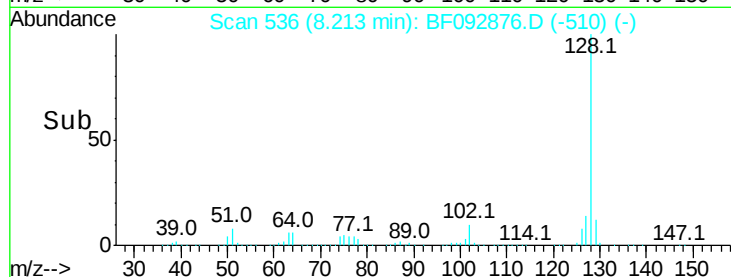
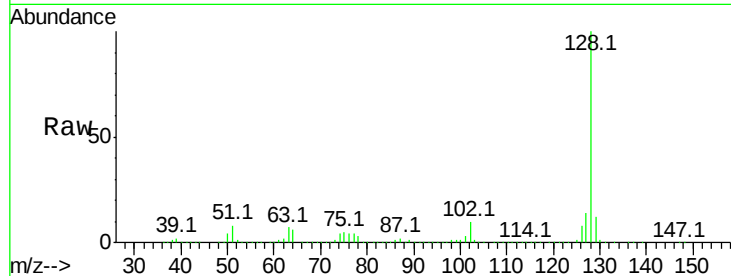
#31
Naphthalene
Concen: 144.67 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion:128 Resp: 4051707
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.5 10.8 16.2

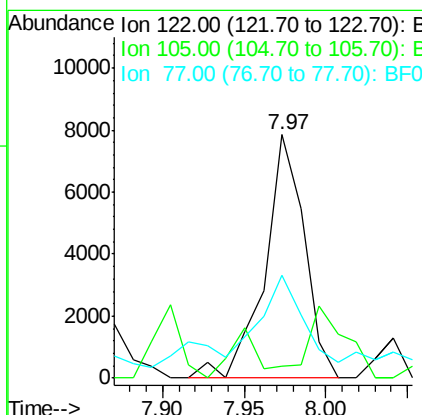
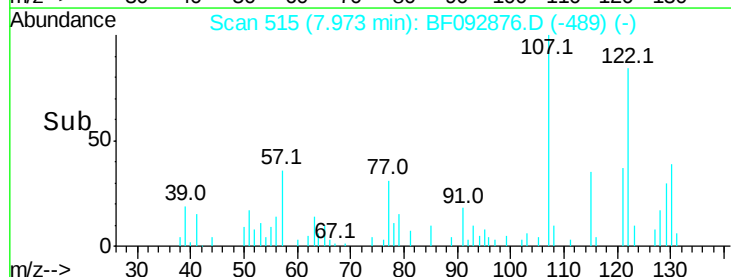
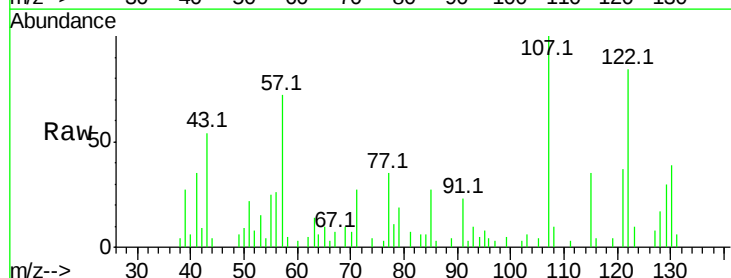
Manual Integrations
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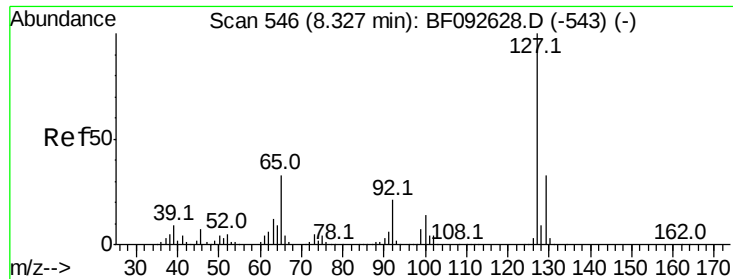
mohammad
2/9/2017 12:32:02 PM



#32
Benzoic acid
Concen: 9.50 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:122 Resp: 13247
Ion Ratio Lower Upper
122 100
105 5.0 107.2 147.2#
77 42.1 74.5 114.5#





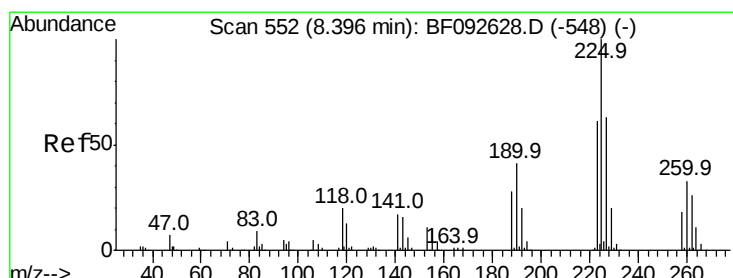
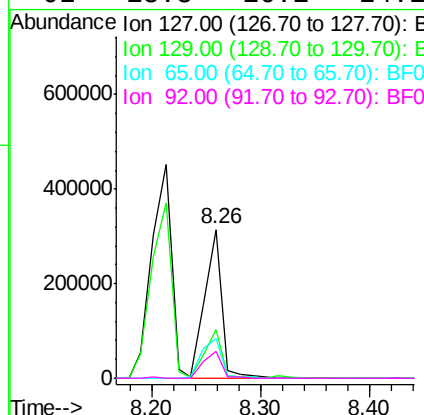
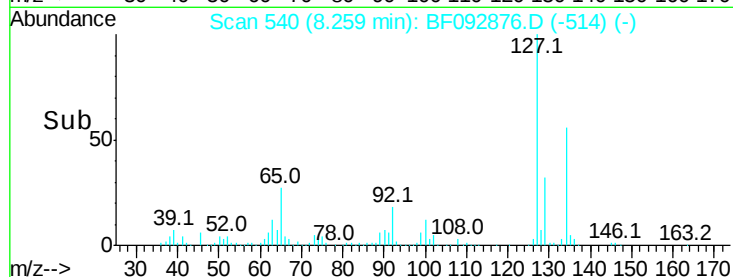
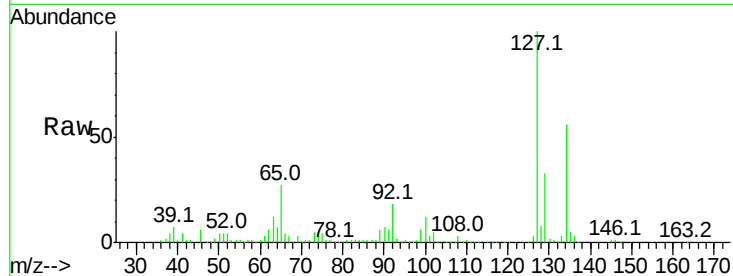
#33
4-Chloroaniline
Concen: 31.25 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.3	39.5	
65	26.8	25.8	38.8	
92	18.3	16.1	24.1	

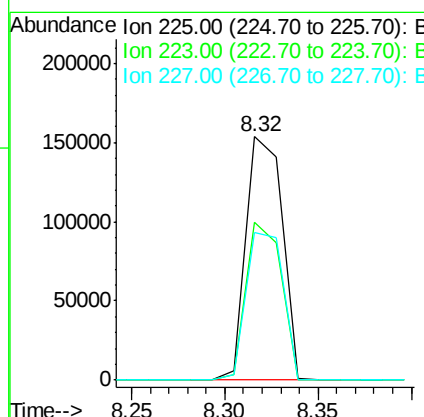
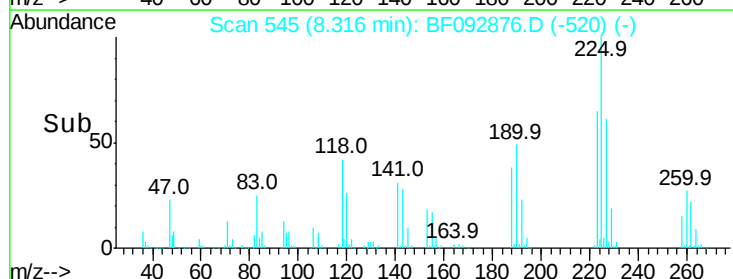
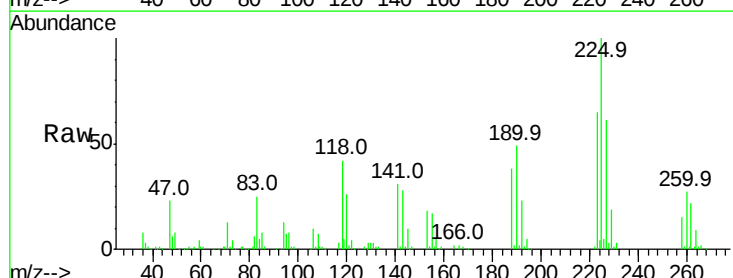
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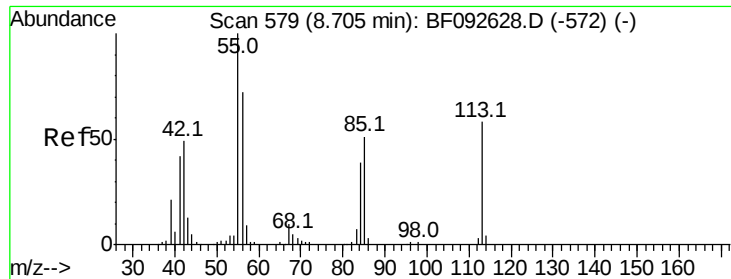
mohammad
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#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	51.0	76.6	
227	60.7	50.6	76.0	





#35

Caprolactam

Concen: 29.67 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

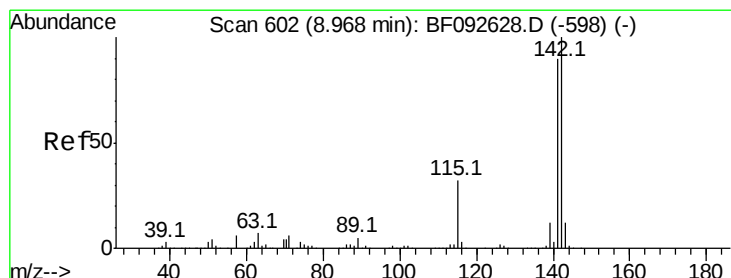
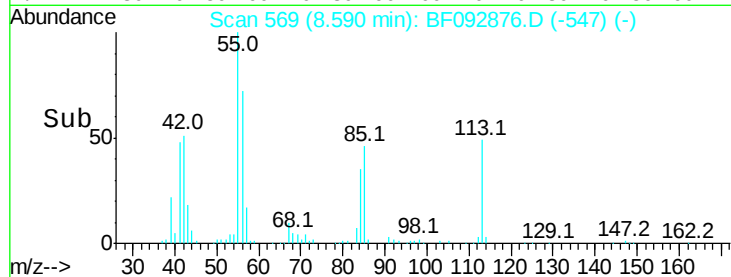
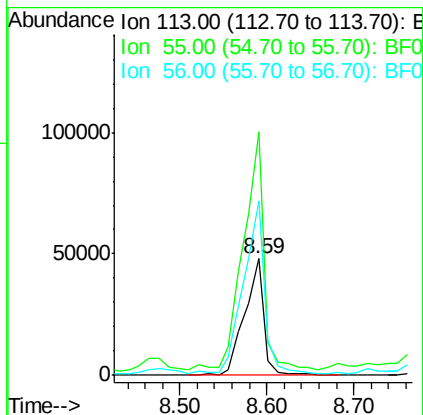
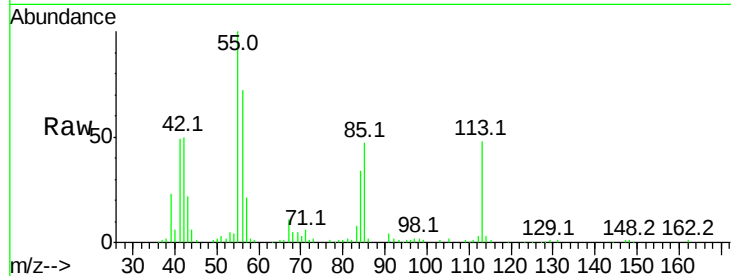
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Tot Ion:113 Resp: 74029

Ion	Ratio	Lower	Upper
113	100		
55	209.4	119.2	159.2#
56	149.9	83.8	123.8#

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#37

2-Methylnaphthalene

Concen: 109.94 ng

RT: 8.90 min Scan# 596

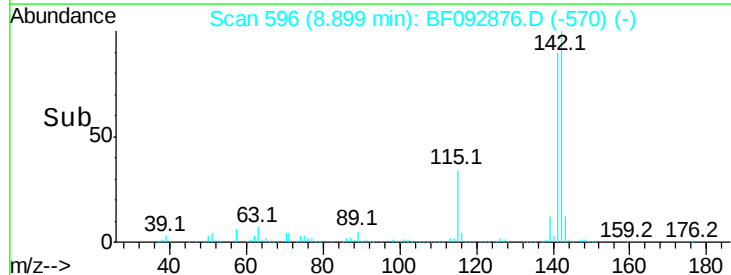
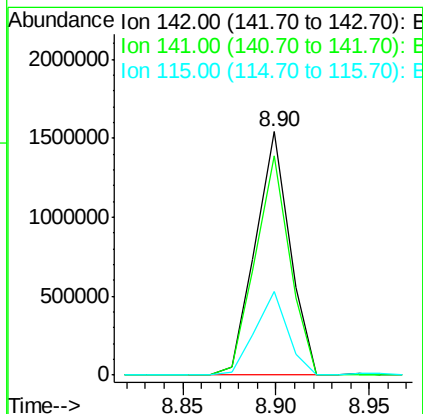
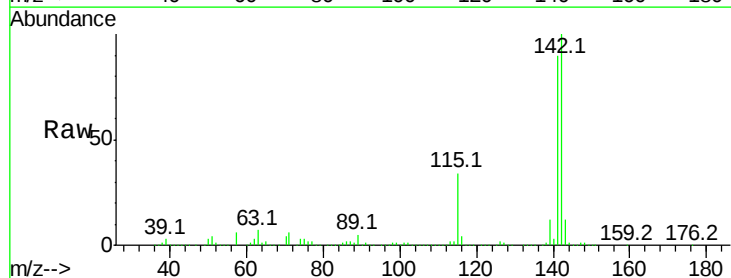
Delta R.T. 0.00 min

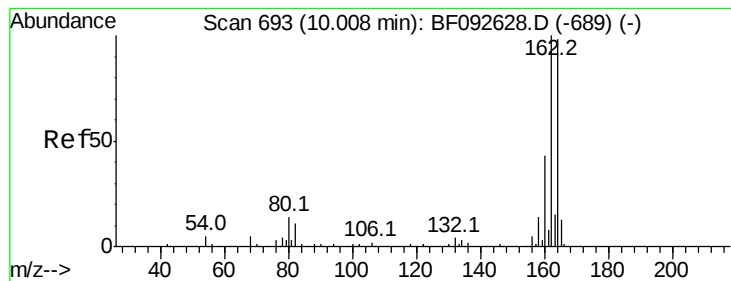
Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:142 Resp: 1976912

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.1	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: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

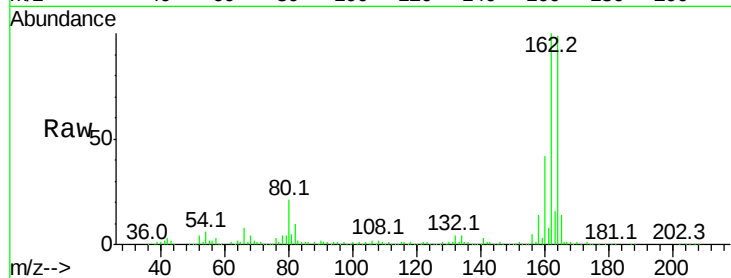
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

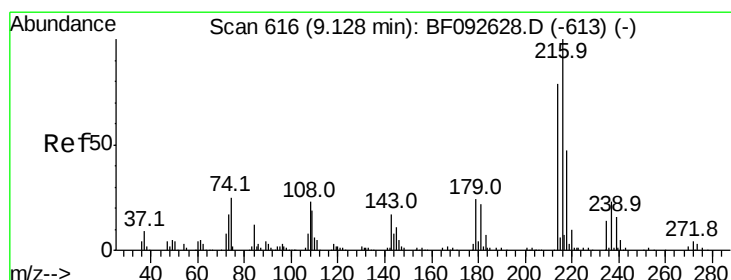
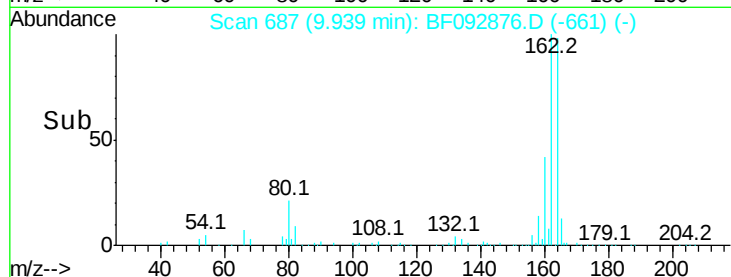
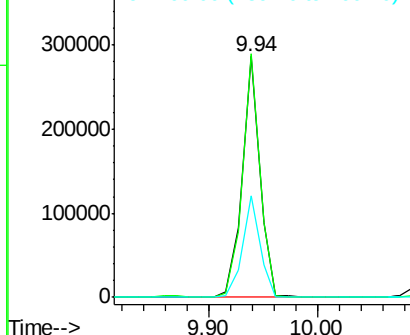
Tot Ion:	164	Resp:	323099
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.2	120.2
160	42.3	36.9	55.3

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.04 ng

RT: 9.06 min Scan# 610

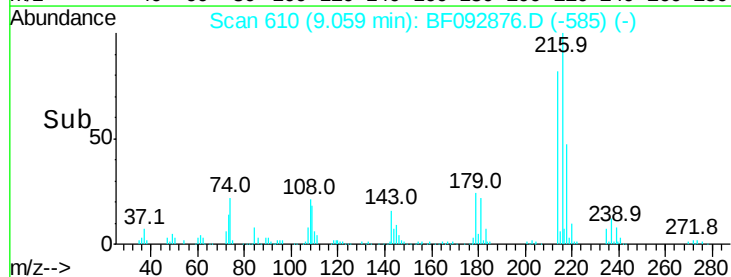
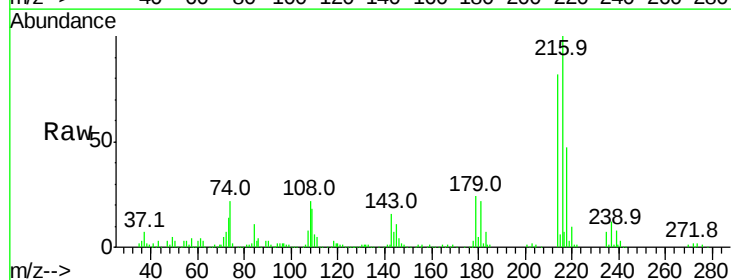
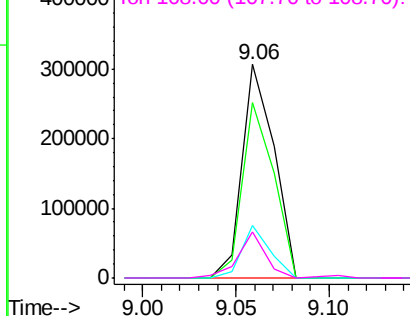
Delta R.T. -0.01 min

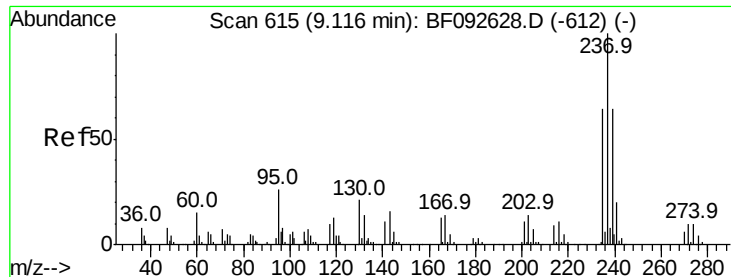
Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	216	Resp:	363125
Ion Ratio	Lower	Upper	
216	100		
214	81.0	63.4	95.0
179	22.0	17.4	26.2
108	20.5	15.6	23.4

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





#40

Hexachlorocyclopentadiene

Concen: 56.31 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

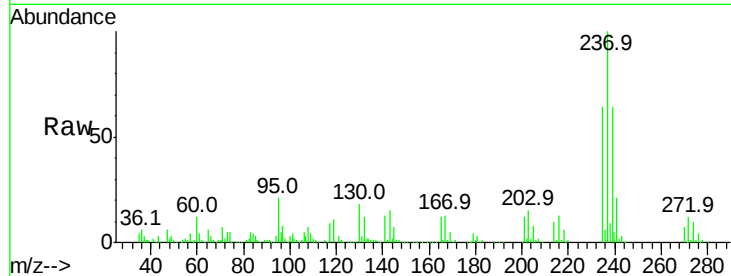
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

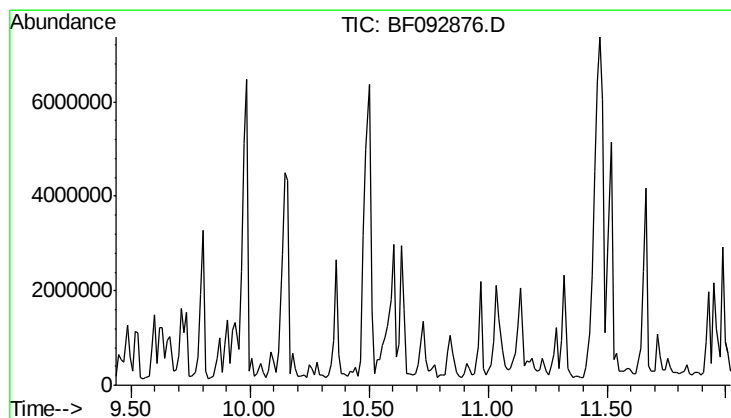
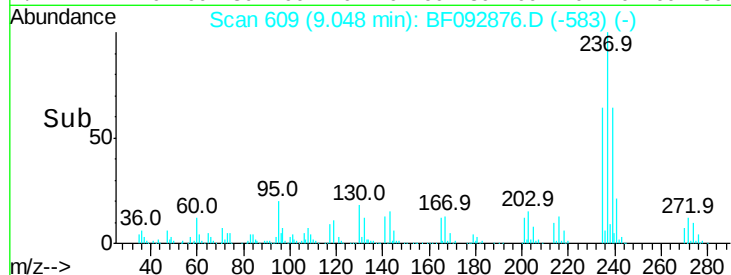
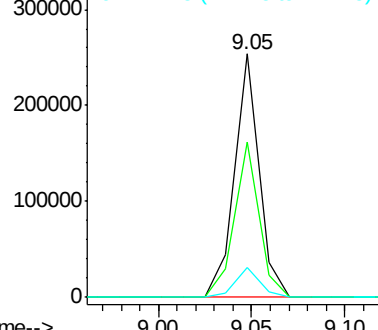
Tot Ion:	237	Resp:	230423
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.2	81.2
272	12.4	0.0	35.4

Manual Integrations
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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

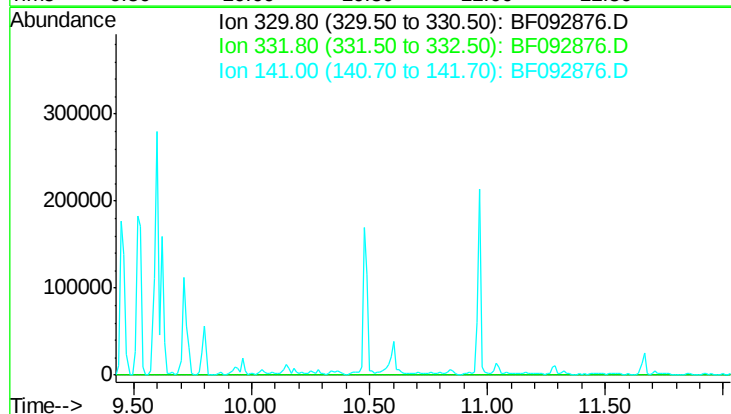
Concen: 0.00 ng

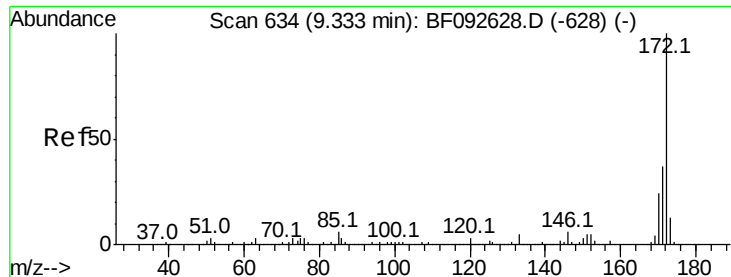
Expected RT: 10.73 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	96.8
141	42.6





#44
 2-Fluorobiphenyl
 Concen: 97.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

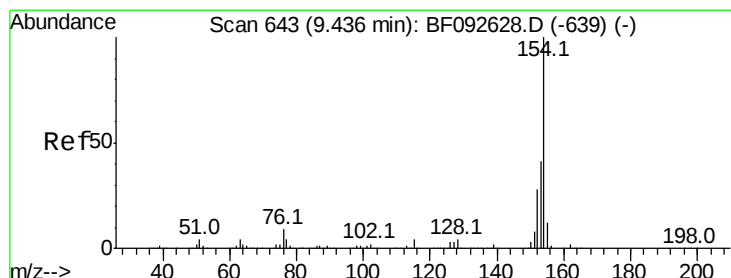
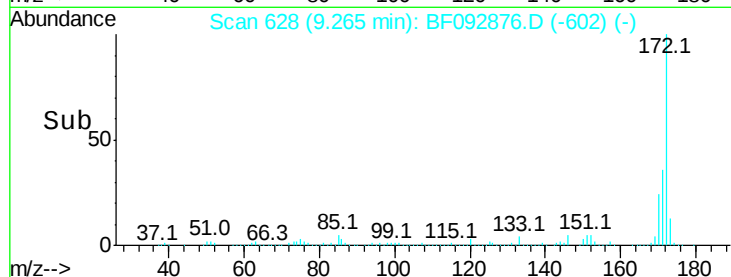
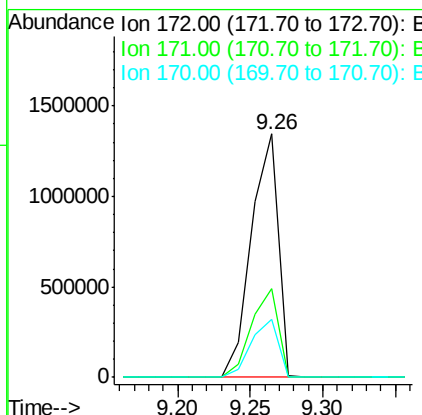
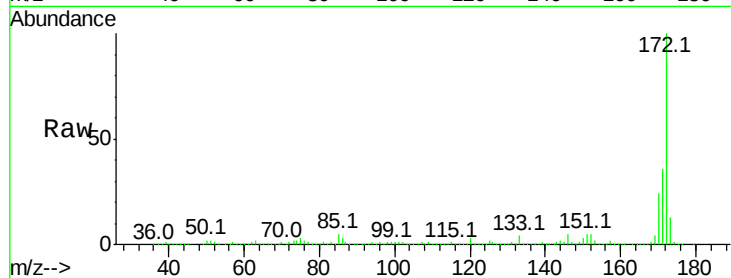
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMSD

Tot Ion:172 Resp: 1731996

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.8	20.2	30.4

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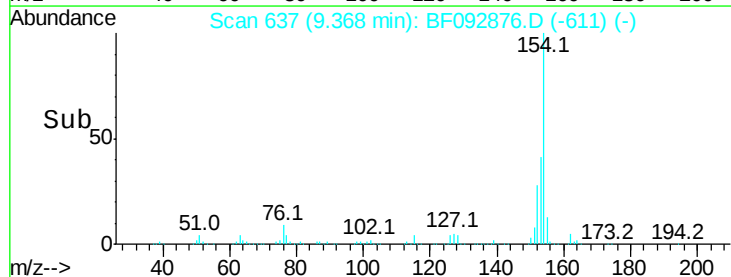
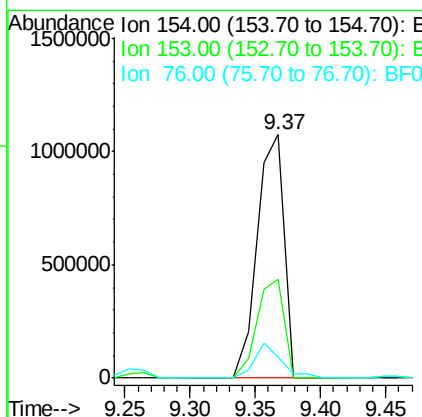
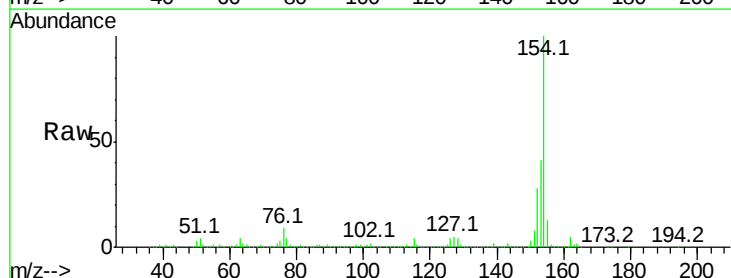
mohammad
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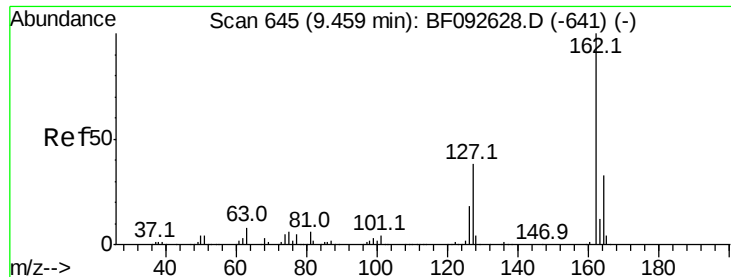


#45
 1,1'-Biphenyl
 Concen: 65.59 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:154 Resp: 1534428

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	8.8	0.0	30.5





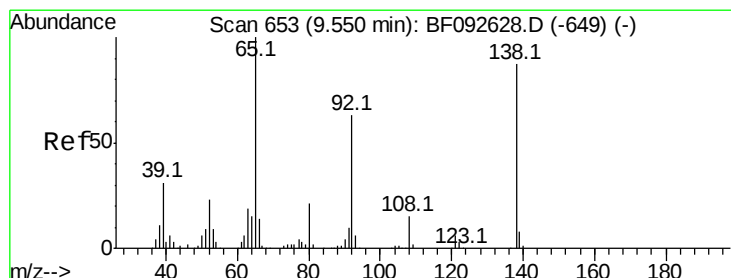
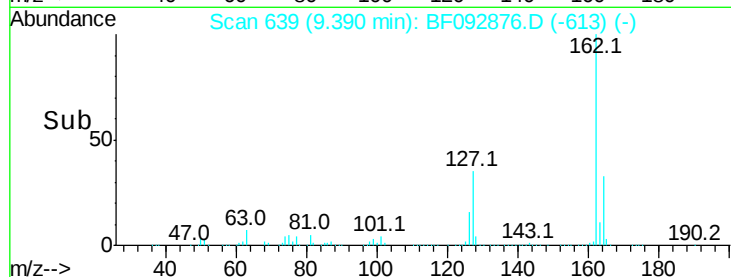
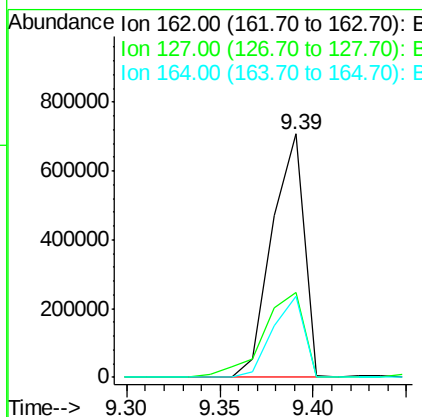
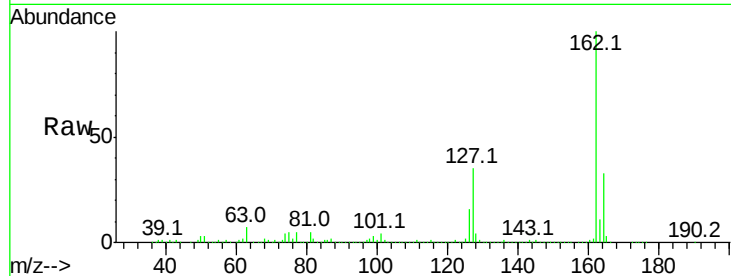
#46
2-Chloronaphthalene
Concen: 46.42 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	849671		
127	35.1		30.7	46.1
164	33.1		27.6	41.4

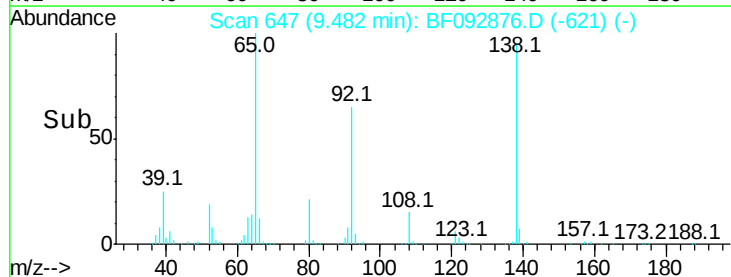
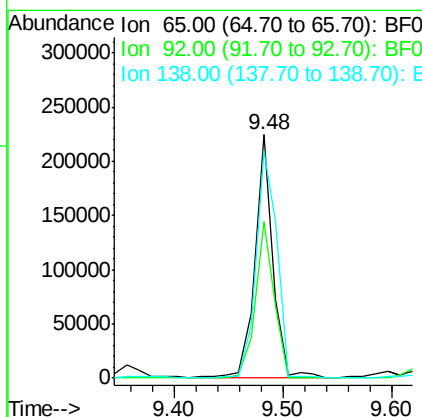
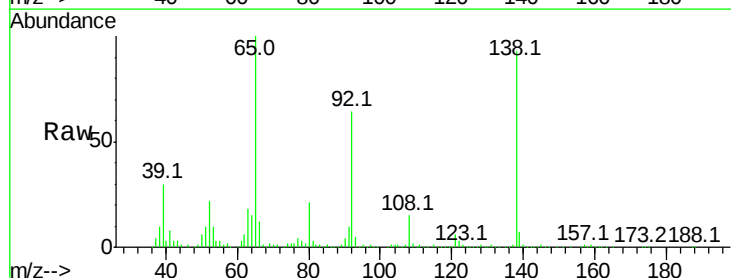
Manual Integrations
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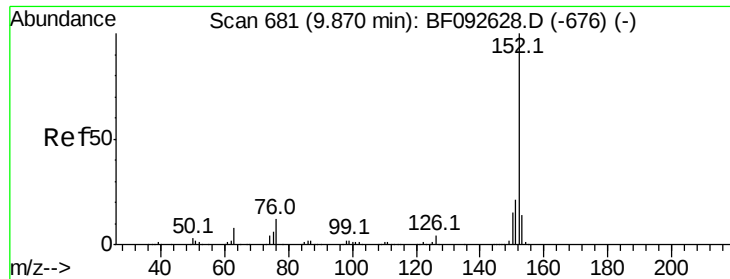
mohammad
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#47
2-Nitroaniline
Concen: 41.33 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	254295		
92	64.3		53.9	80.9
138	93.2		76.8	115.2





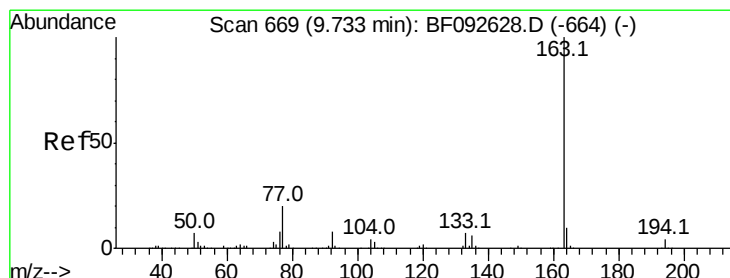
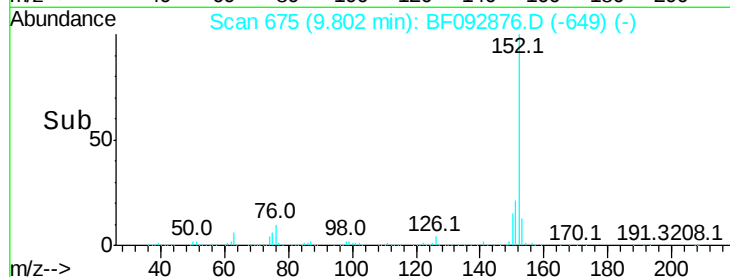
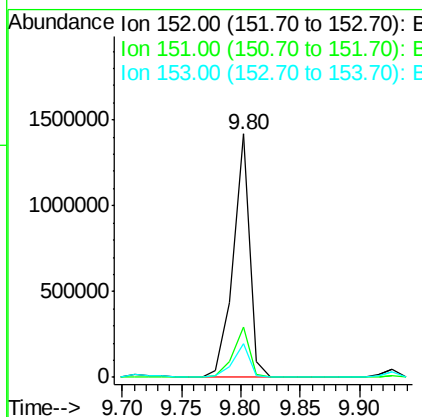
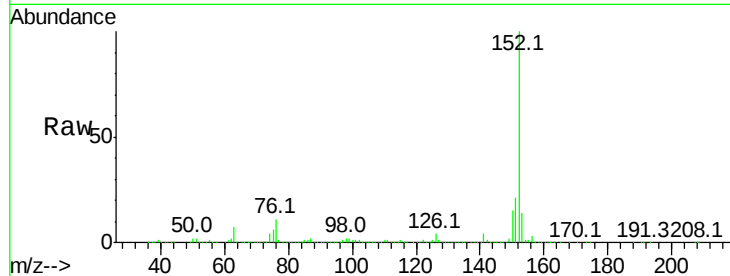
#48
Acenaphthylene
Concen: 43.14 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.7	11.4	17.2

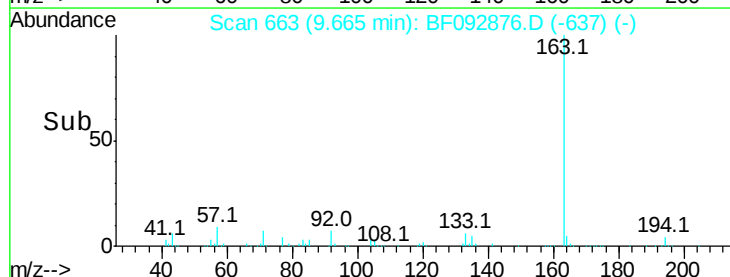
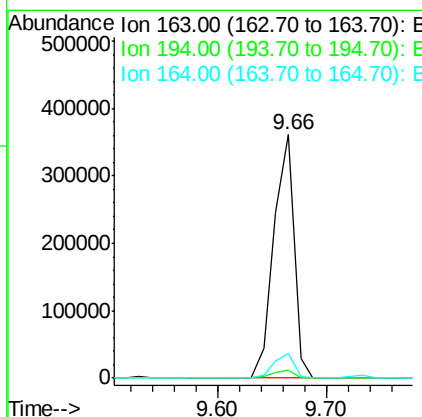
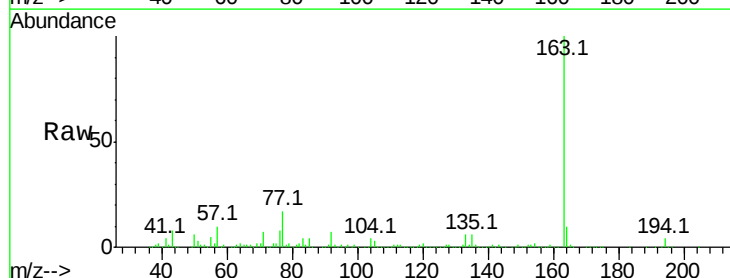
Manual Integrations
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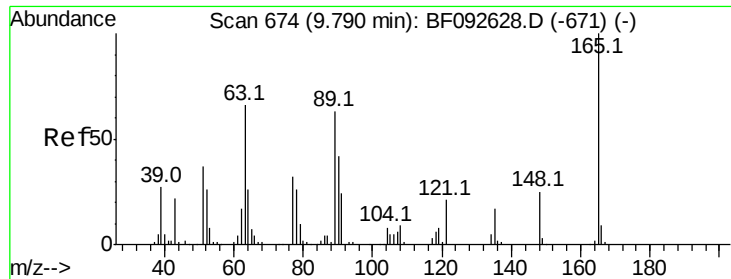
mohammad
2/9/2017 12:32:02 PM



#49
Dimethylphthalate
Concen: 21.54 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0





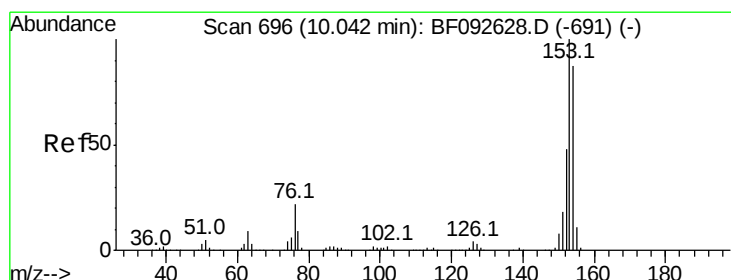
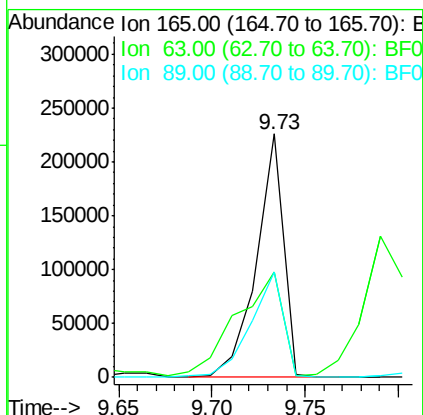
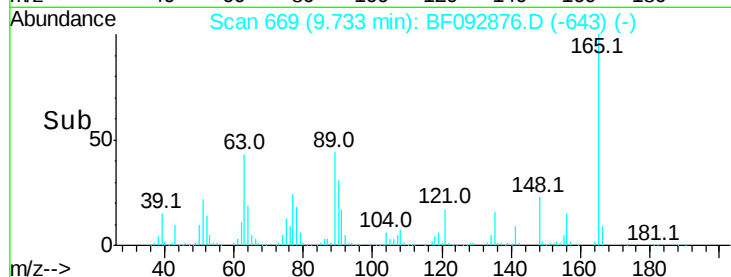
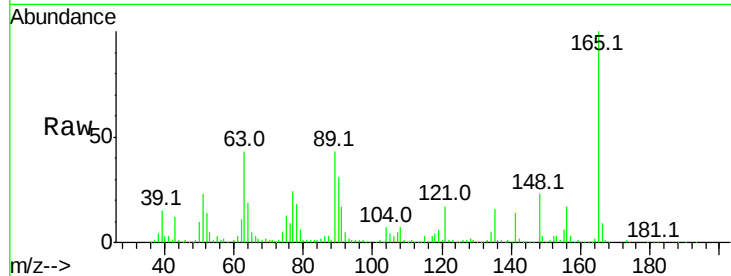
#50
2,6-Dinitrotoluene
Concen: 47.61 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	223771		
63	43.4		36.2	54.4
89	43.4		40.2	60.4

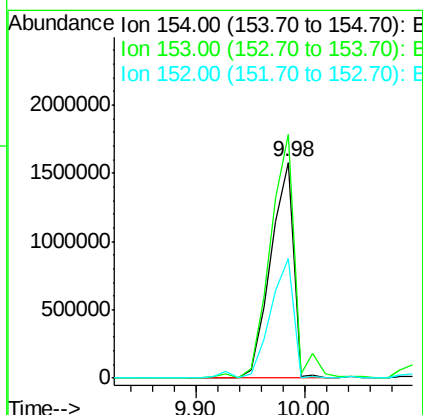
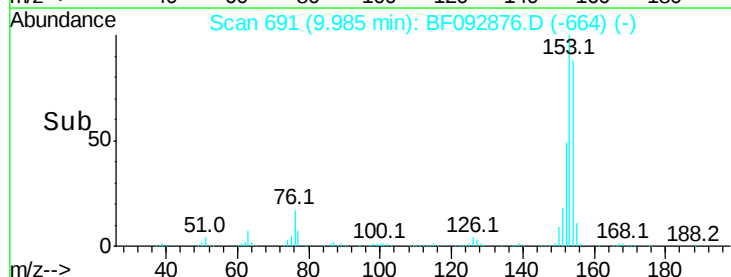
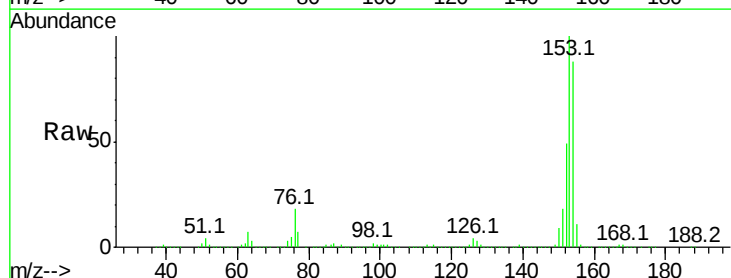
Manual Integrations
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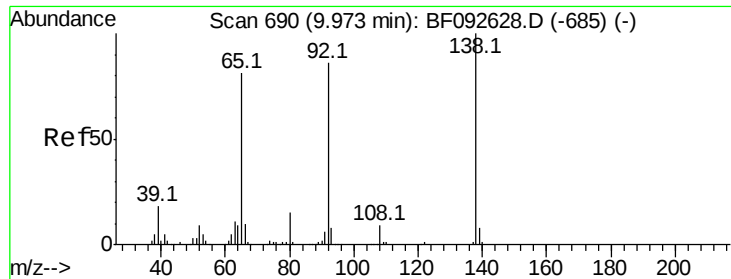
mohammad
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#51
Acenaphthene
Concen: 121.81 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2302613		
153	113.0		88.6	133.0
152	55.4		41.6	62.4





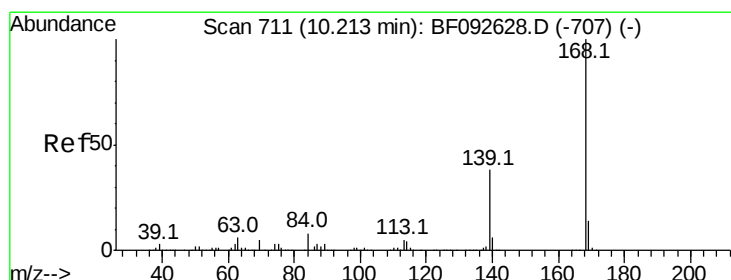
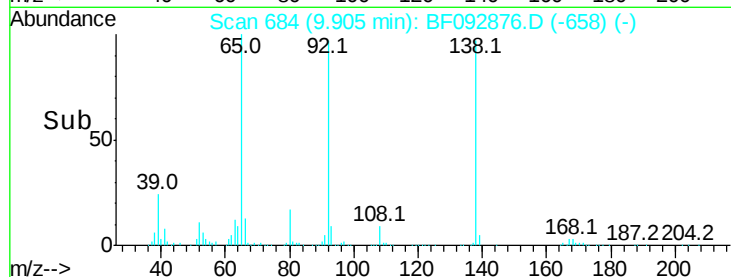
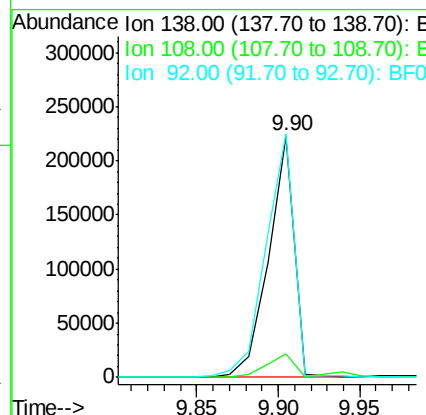
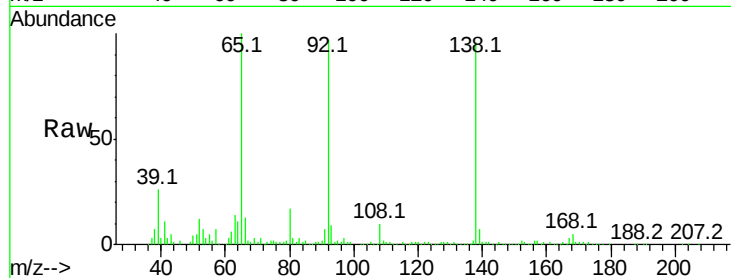
#52
3-Nitroaniline
Concen: 44.75 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.5	12.7
92	101.0	97.8	146.8

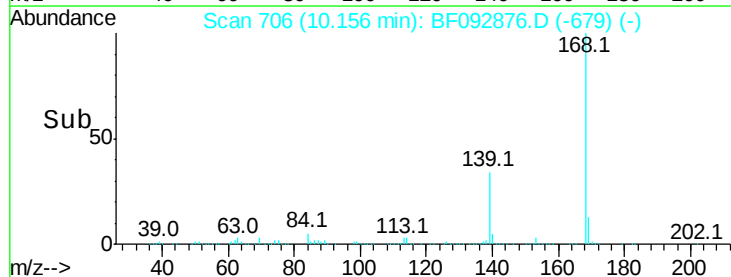
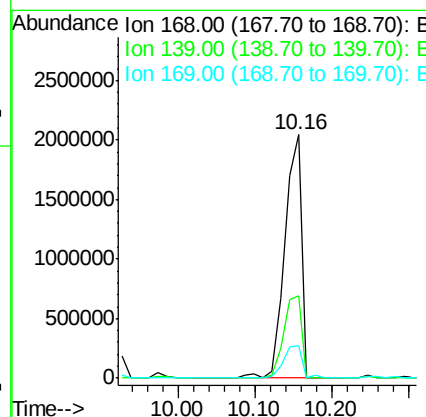
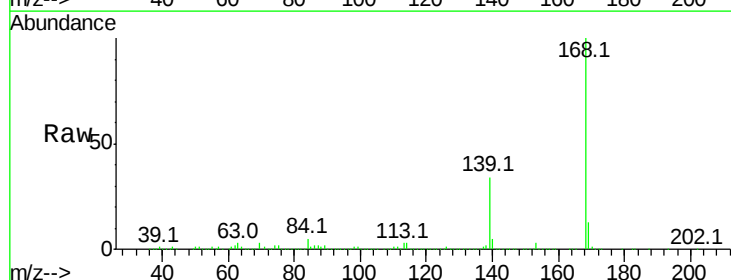
Manual Integrations
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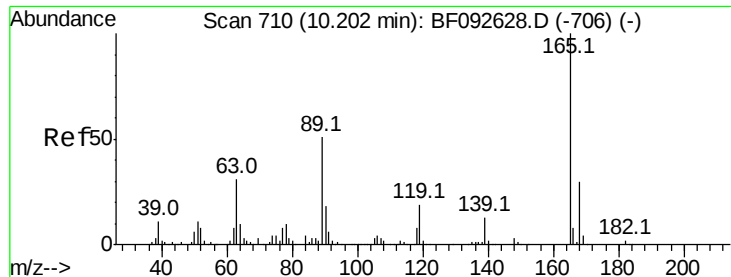
mohammad
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#54
Dibenzofuran
Concen: 123.53 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.0	32.6	49.0
169	13.4	11.3	16.9





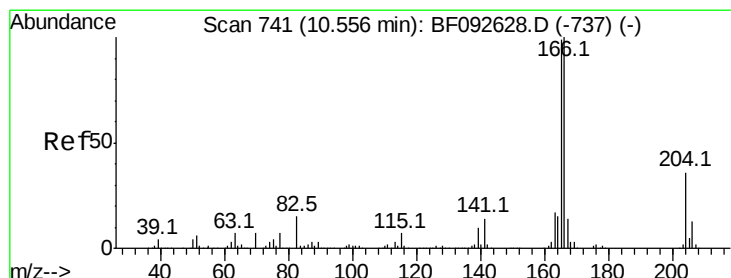
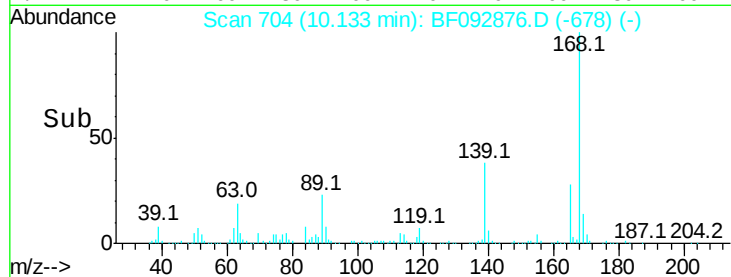
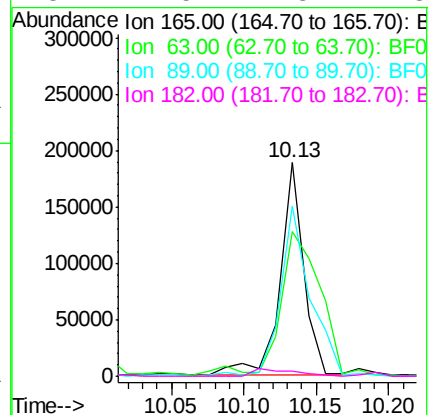
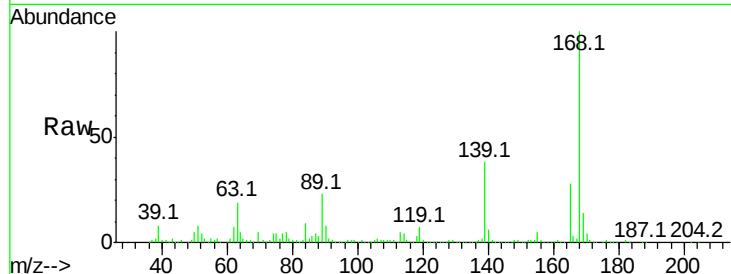
#56
 2,4-Dinitrotoluene
 Concen: 34.38 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	215106		
63	67.5	40.2	60.4#	
89	79.5	62.5	93.7	
182	2.5	1.8	2.8	

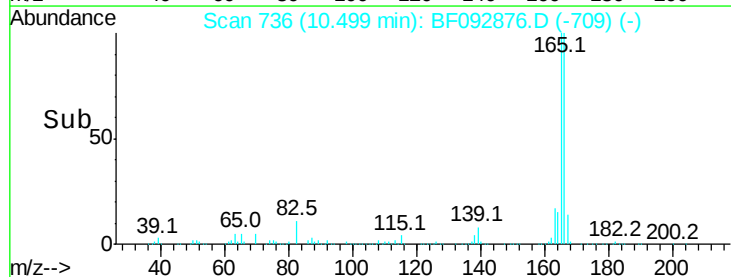
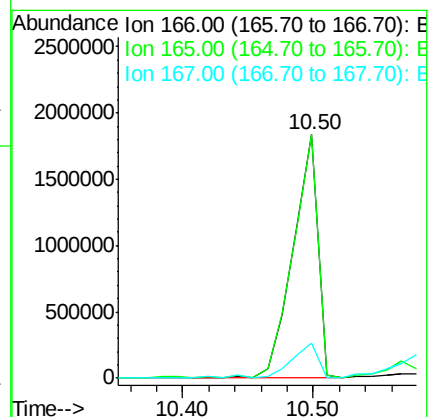
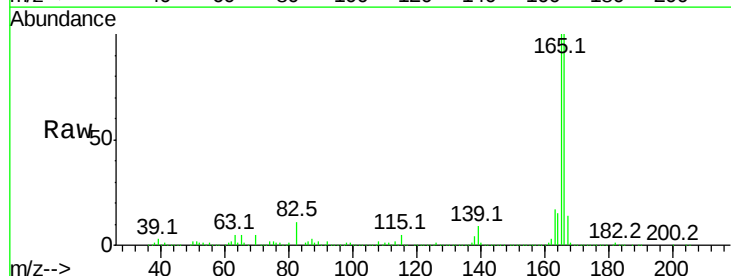
Manual Integrations
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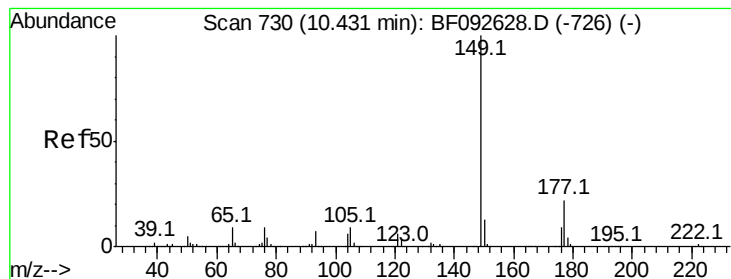
mohammad
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#57
 Fluorene
 Concen: 126.41 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2458872		
165	100.2	77.8	116.8	
167	14.2	10.8	16.2	





#59

Diethylphthalate

Concen: 35.13 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

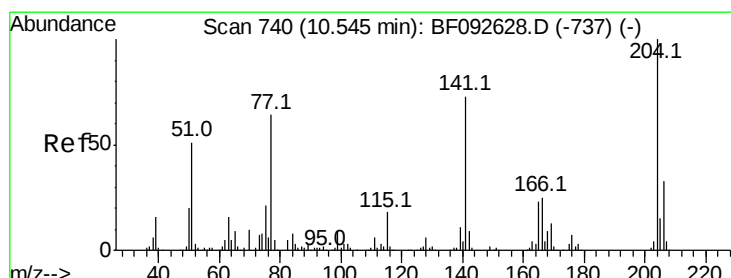
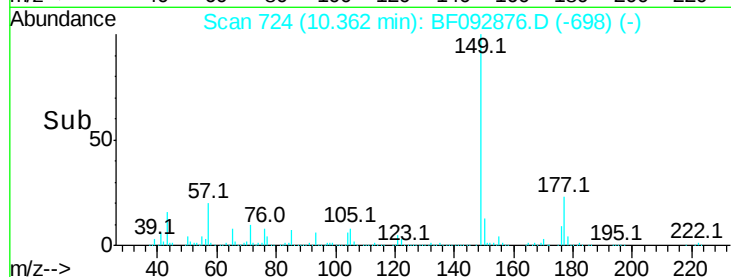
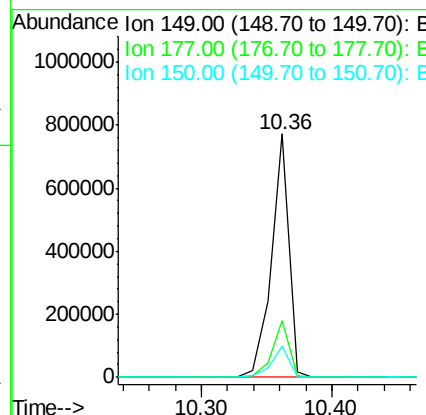
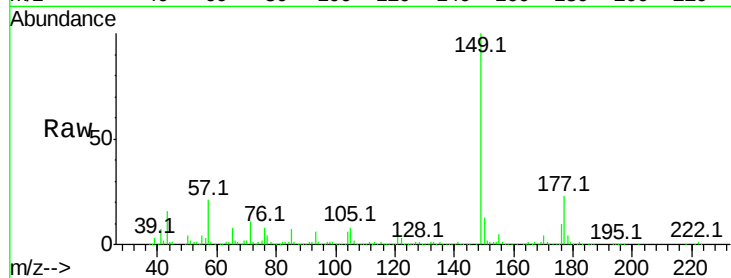
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	149	Resp:	720446
Ion Ratio	Lower	Upper	
149	100		
177	23.3	16.6	25.0
150	12.6	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 36.69 ng

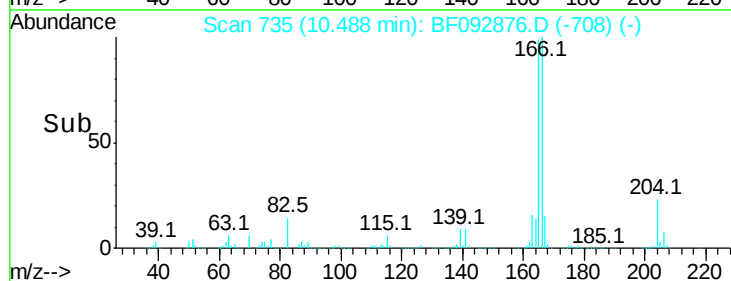
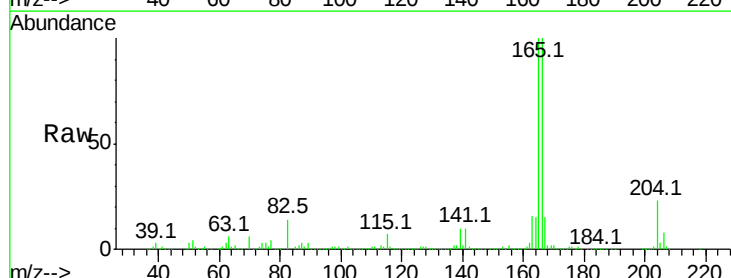
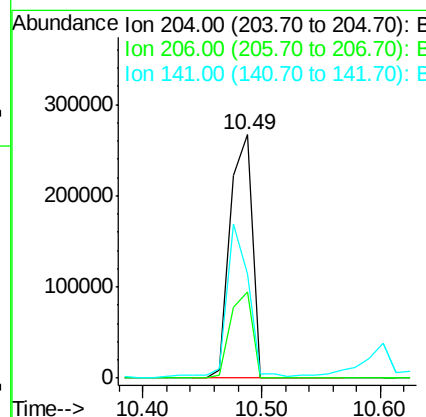
RT: 10.49 min Scan# 735

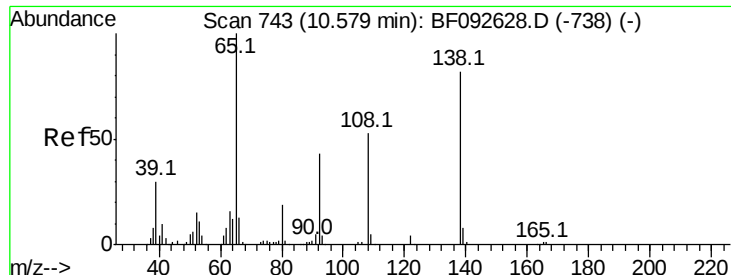
Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	204	Resp:	342888
Ion Ratio	Lower	Upper	
204	100		
206	35.6	25.8	38.6
141	42.9	59.4	89.0#





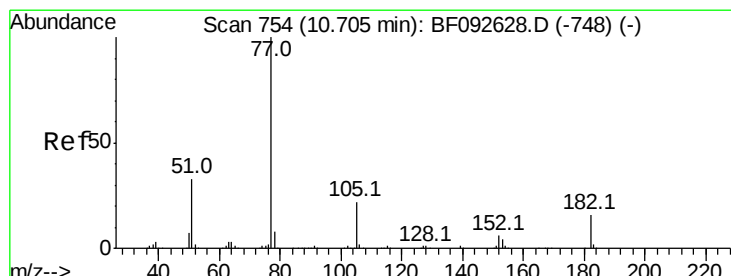
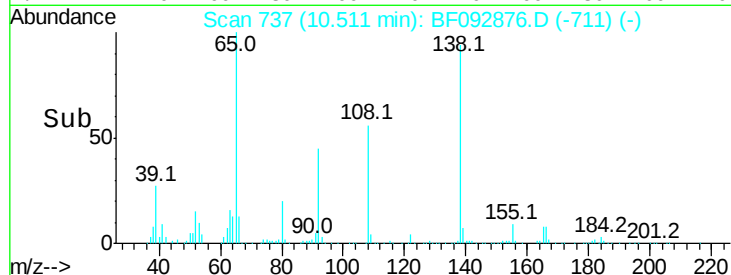
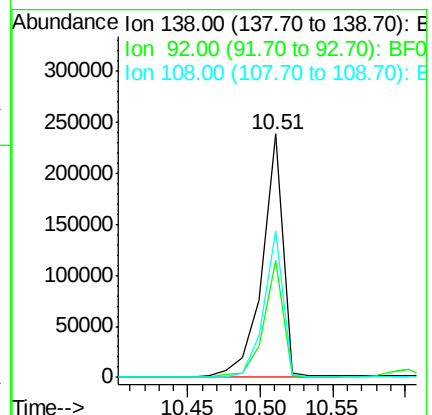
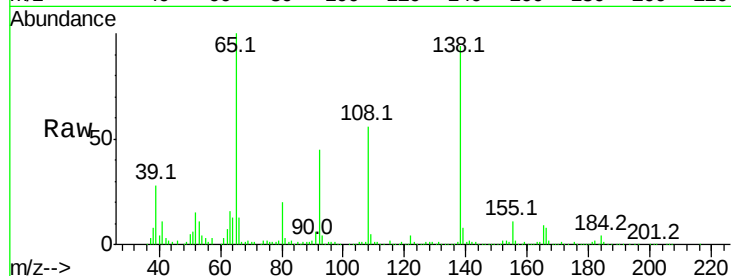
#61
4-Nitroaniline
Concen: 43.22 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	238118		
92	48.3		31.7	71.7
108	60.3		52.6	92.6

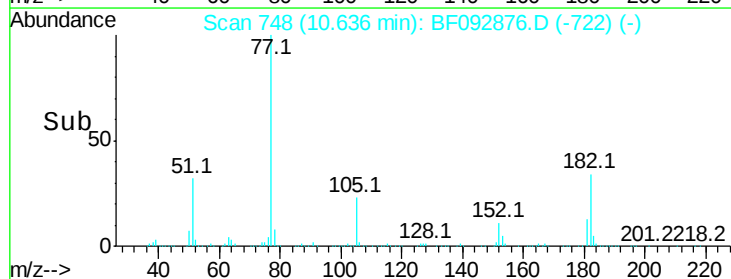
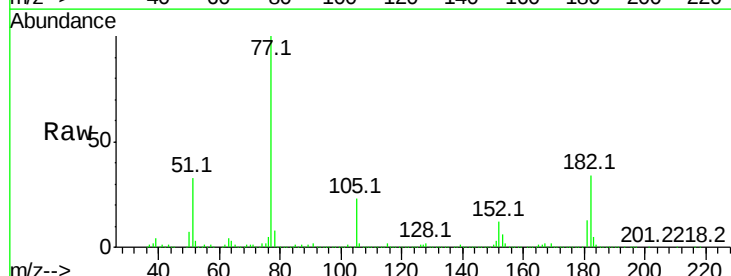
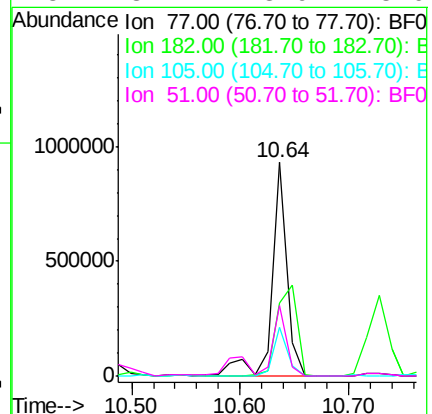
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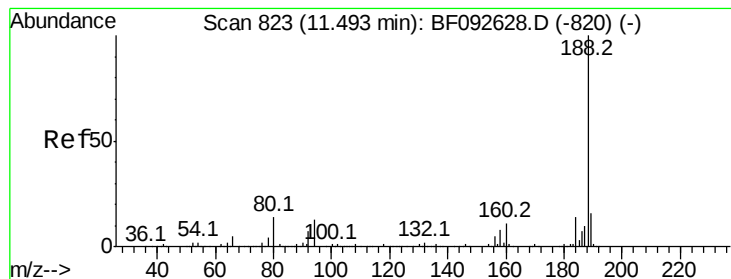
mohammad
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#62
Azobenzene
Concen: 43.21 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	915456		
182	34.2		0.0	39.3
105	22.8		2.3	42.3
51	32.7		8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

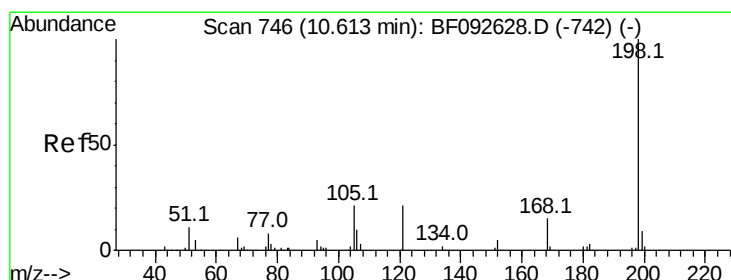
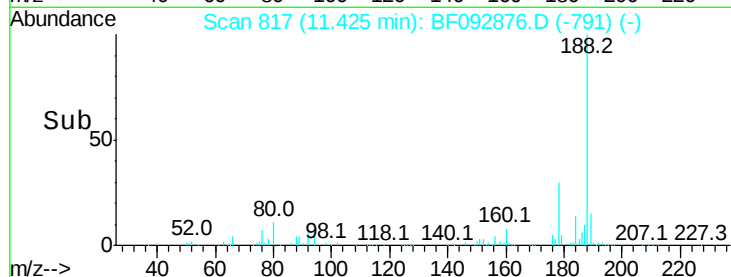
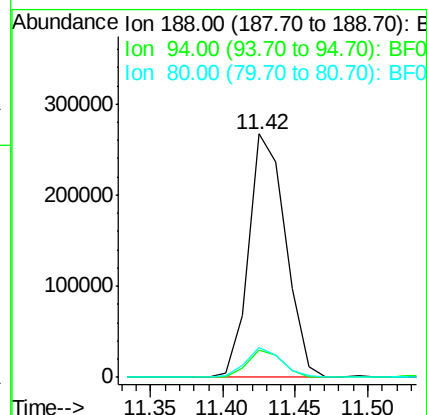
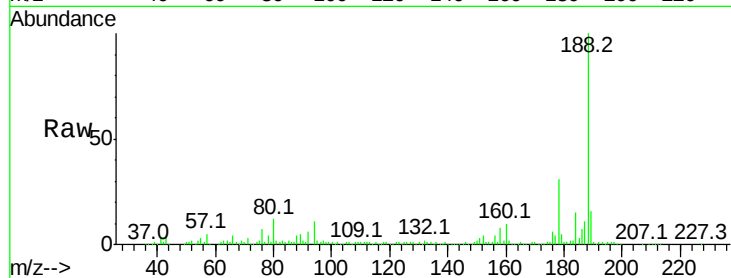
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	188	Resp:	470446
Ion Ratio	Lower	Upper	
188	100		
94	11.4	10.0	15.0
80	12.0	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 2.75 ng

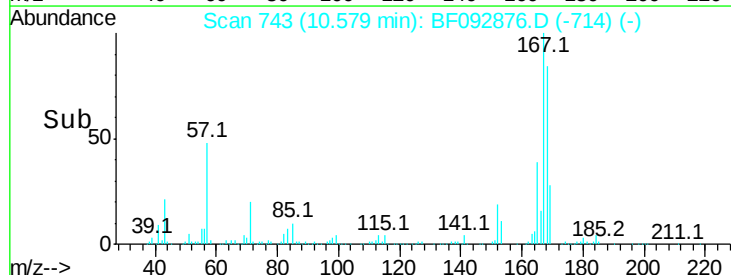
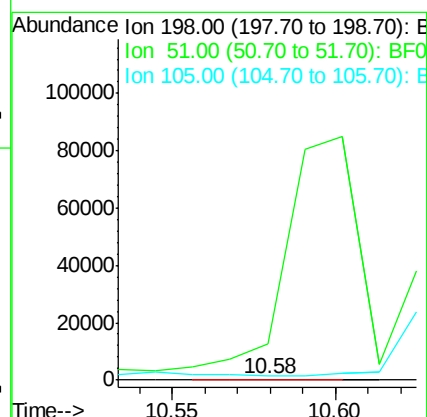
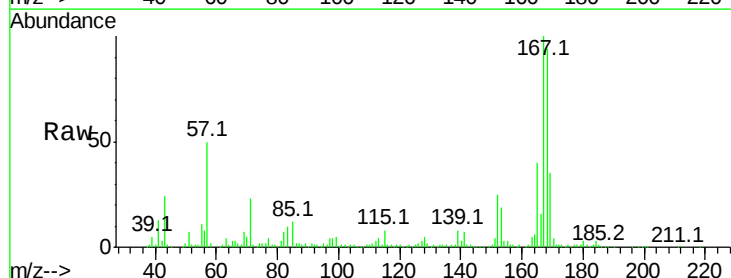
RT: 10.58 min Scan# 743

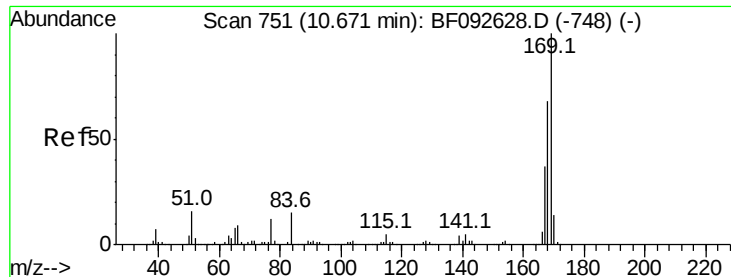
Delta R.T. 0.03 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	198	Resp:	235
Ion Ratio	Lower	Upper	
198	100		
51	3653.8	6.7	46.7#
105	403.5	16.6	56.6#





#65

n-Nitrosodiphenylamine

Concen: 63.07 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

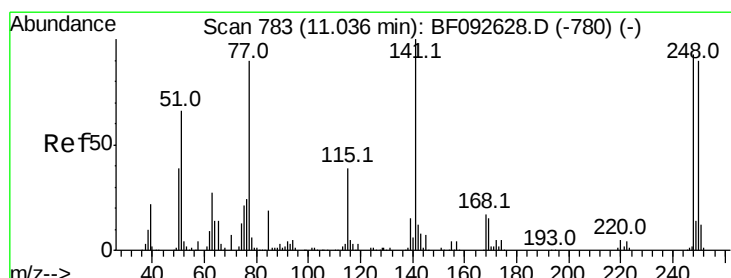
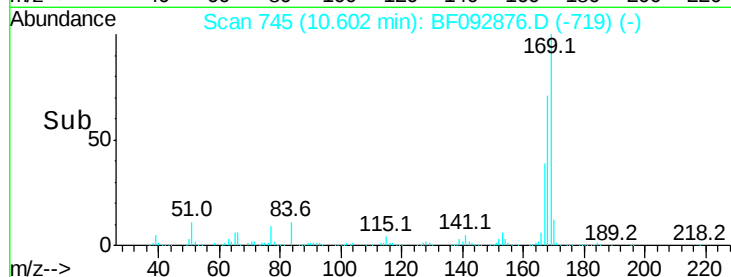
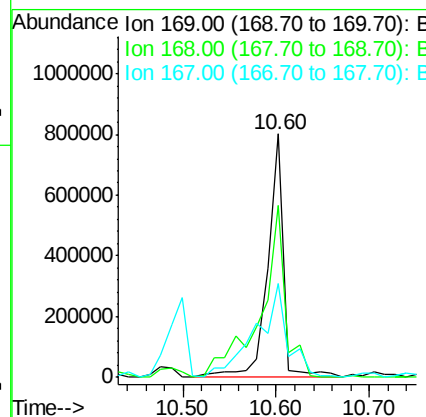
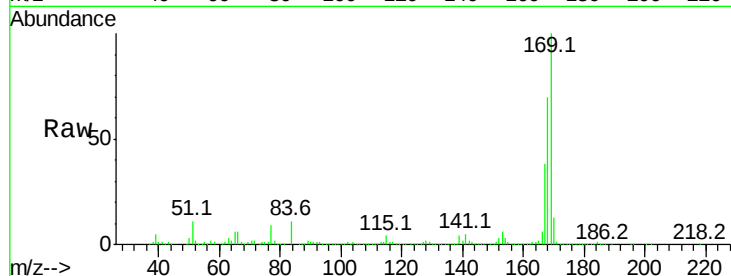
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	169	Resp:	947772
Ion Ratio	Lower	Upper	
169	100		
168	70.4	54.2	81.2
167	38.3	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 48.44 ng

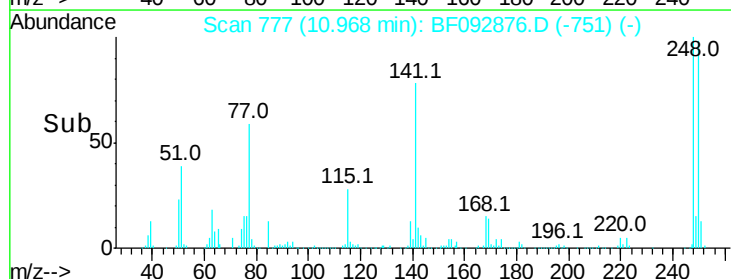
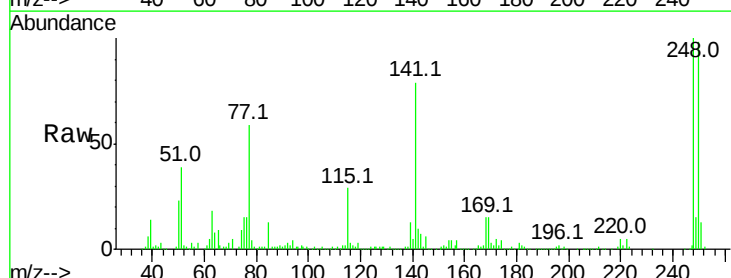
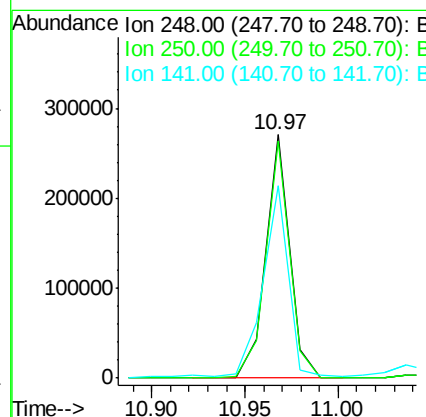
RT: 10.97 min Scan# 777

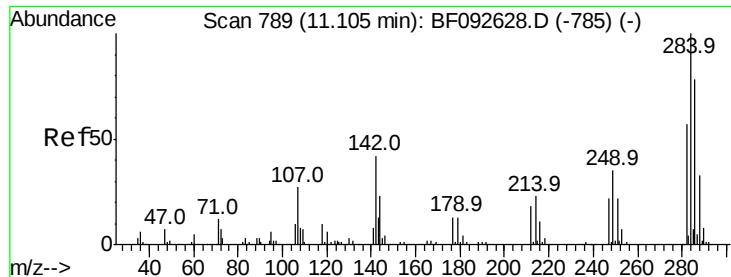
Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	248	Resp:	238082
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	79.1	68.2	102.4





#67

Hexachlorobenzene

Concen: 50.68 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

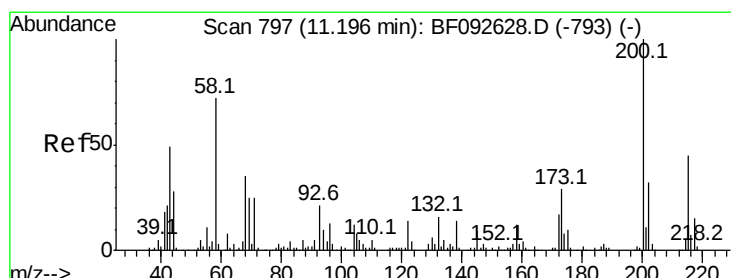
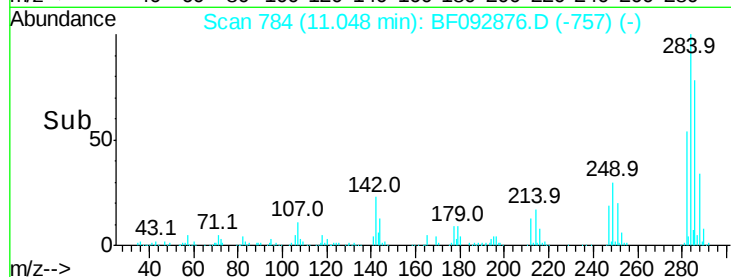
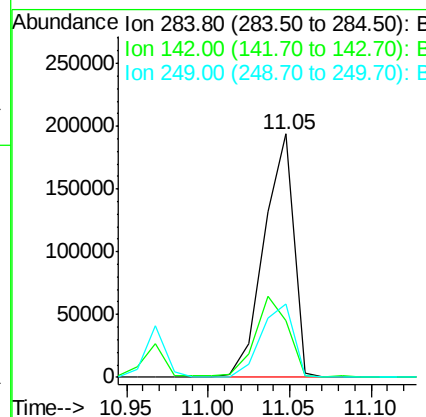
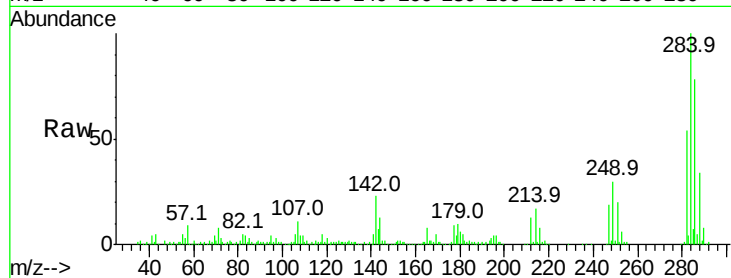
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	284	Resp:	246144
Ion Ratio	Lower	Upper	
284	100		
142	23.3	22.6	33.8
249	30.4	25.4	38.0

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#68

Atrazine

Concen: 55.60 ng

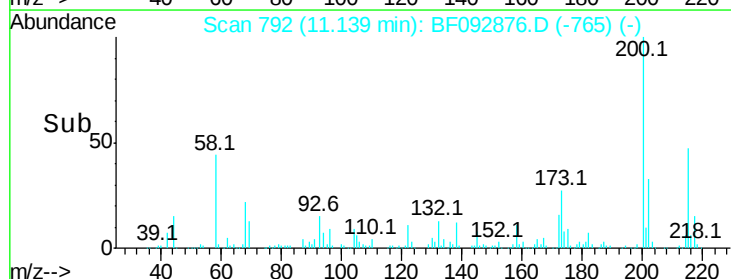
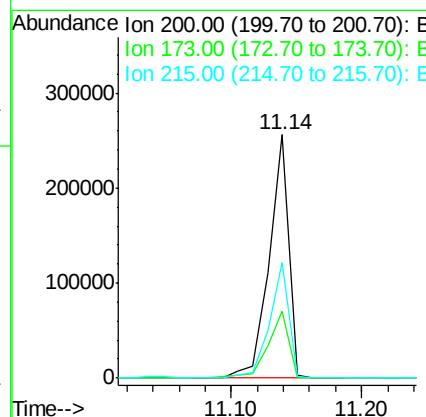
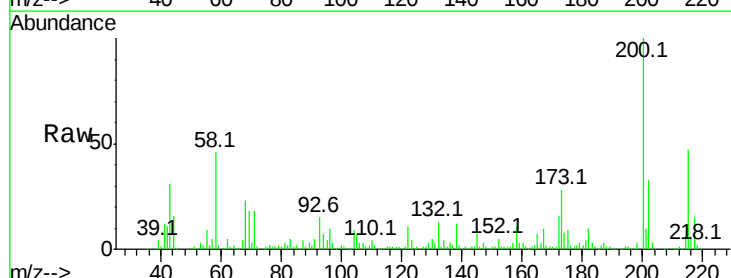
RT: 11.14 min Scan# 792

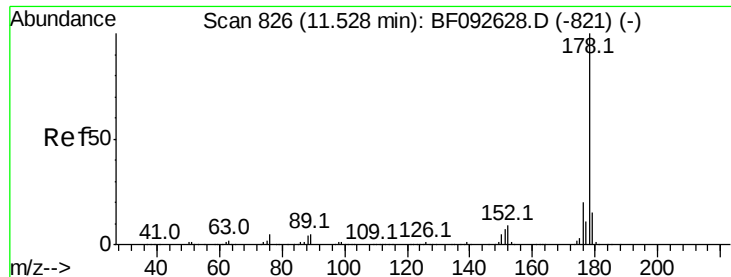
Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	200	Resp:	268142
Ion Ratio	Lower	Upper	
200	100		
173	27.5	9.6	49.6
215	47.3	25.7	65.7





#70

Phenanthrene

Concen: 277.48 ng m

RT: 11.47 min Scan# 821

Delta R.T. 0.02 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:178 Resp: 7478844

Ion Ratio Lower Upper

178 100

176 21.3 16.6 25.0

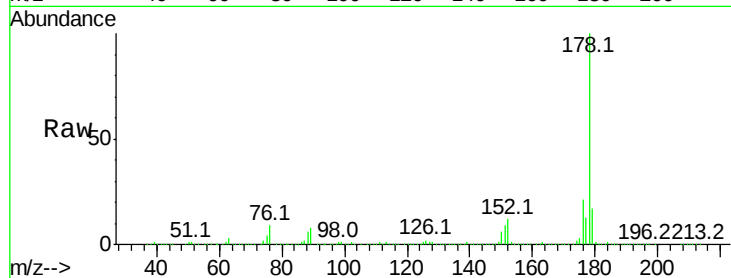
179 16.8 12.8 19.2

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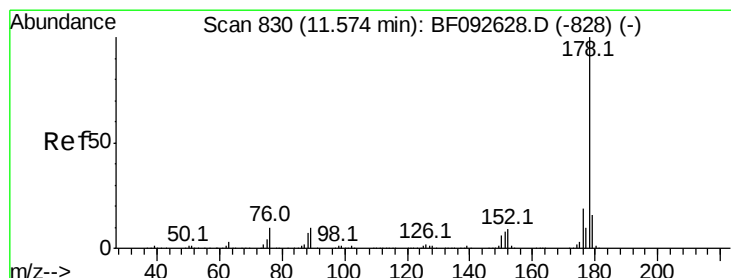
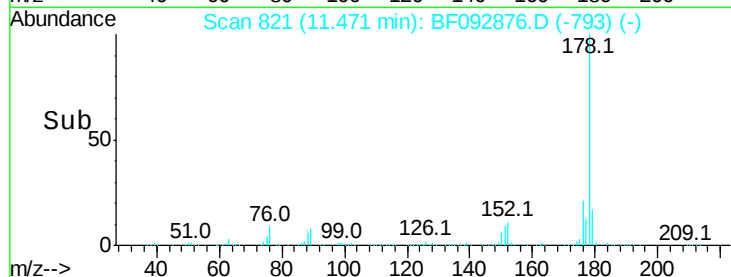
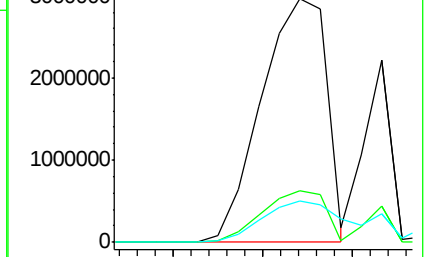
2/9/2017 12:32:02 PM



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



#71

Anthracene

Concen: 86.09 ng m

RT: 11.52 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:178 Resp: 2330100

Ion Ratio Lower Upper

178 100

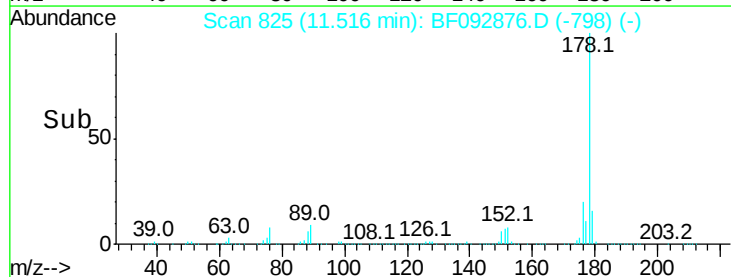
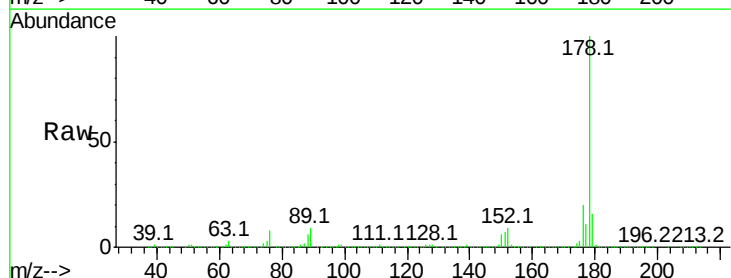
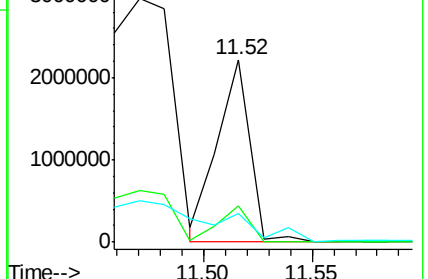
176 19.7 15.9 23.9

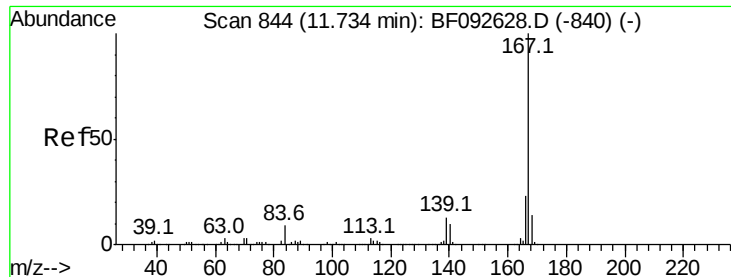
179 15.9 13.2 19.8

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: 72.96 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:167 Resp: 1887768

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.2

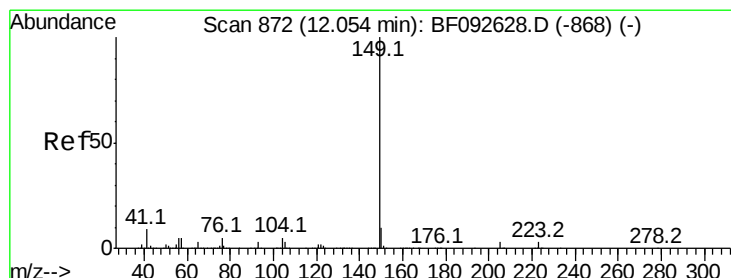
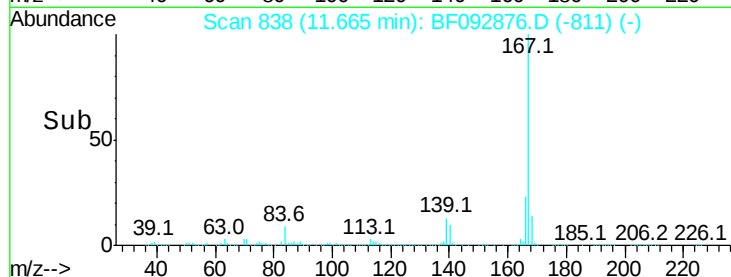
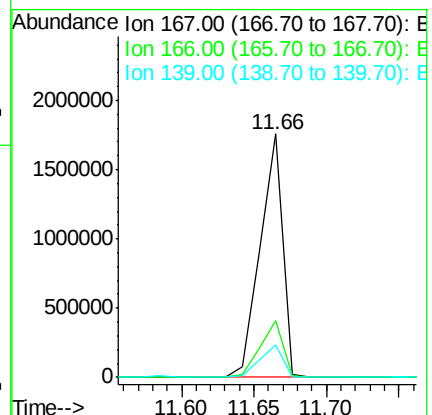
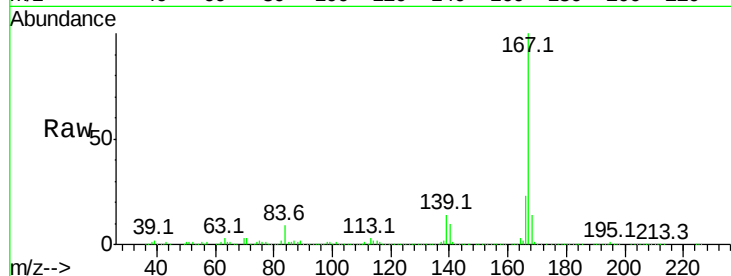
139 13.5 11.4 17.2

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 46.24 ng

RT: 11.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

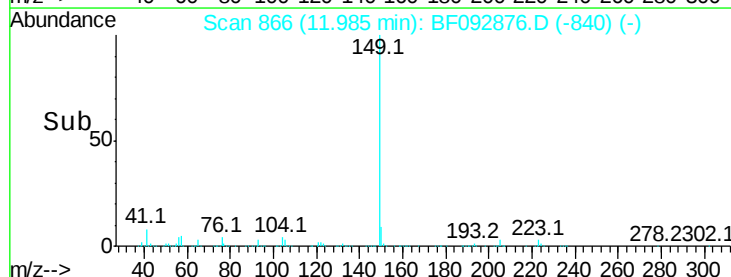
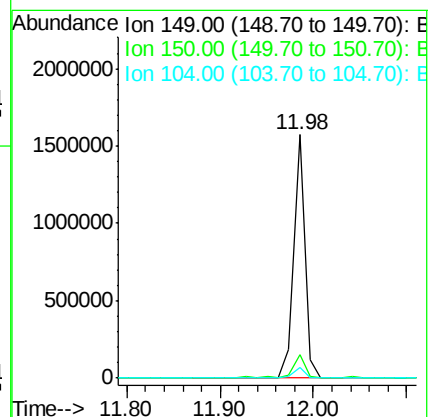
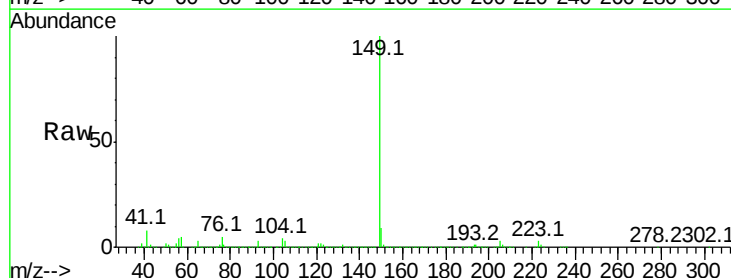
Tgt Ion:149 Resp: 1293973

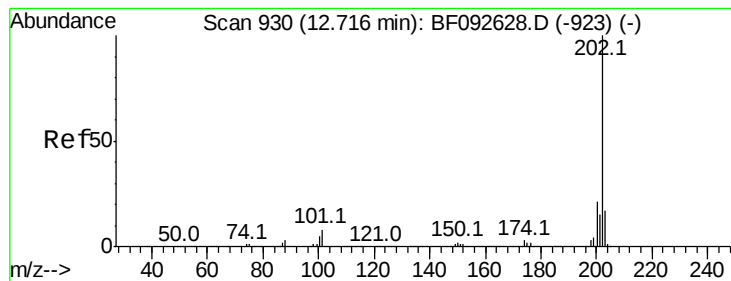
Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.5 4.6 7.0#





#74

Fluoranthene

Concen: 180.04 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

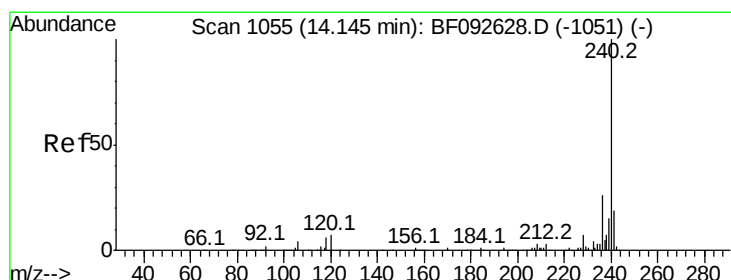
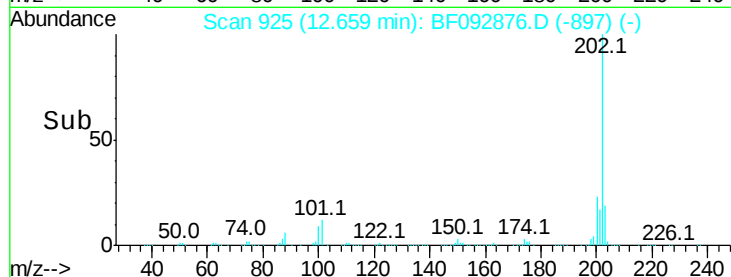
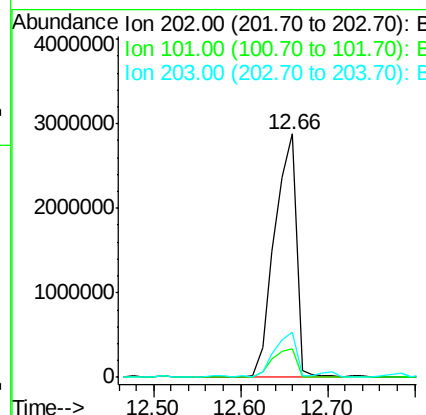
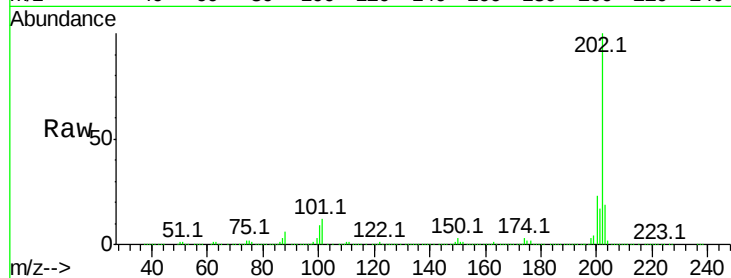
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:	202	Resp:	5005442
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.6
203	18.7	0.0	38.7

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

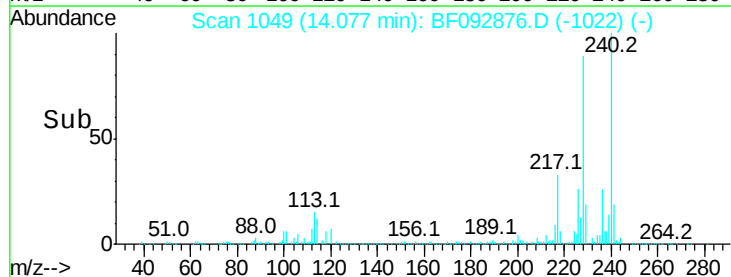
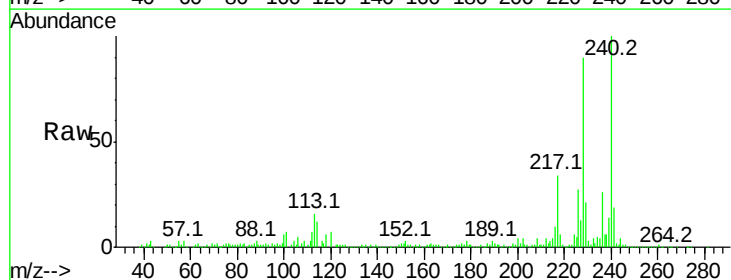
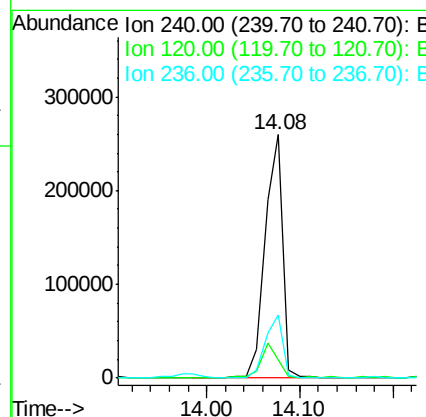
RT: 14.08 min Scan# 1049

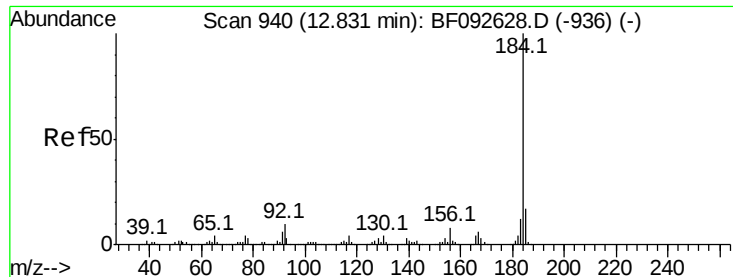
Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Tgt Ion:	240	Resp:	337911
Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.9	19.3#
236	26.1	20.9	31.3





#76

Benzidine

Concen: 27.22 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

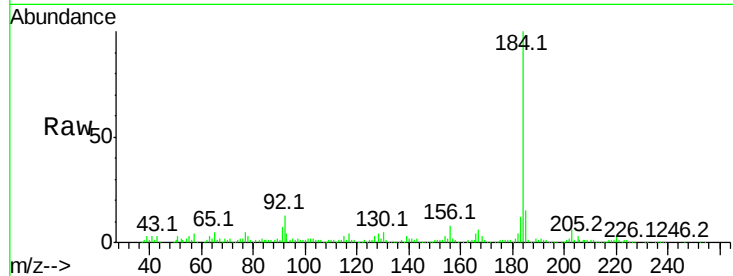
ClientSampleId :

E2-B1-B2021-CONCRETEMSD

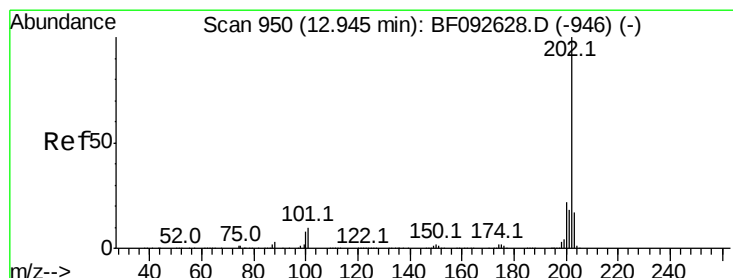
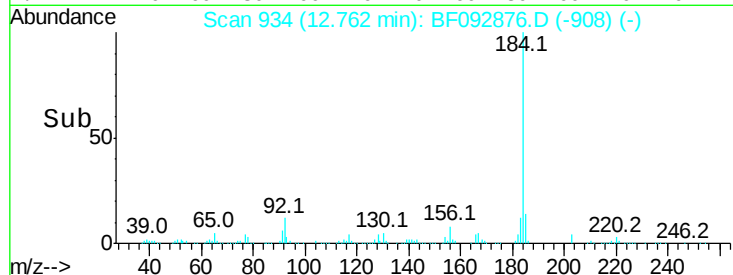
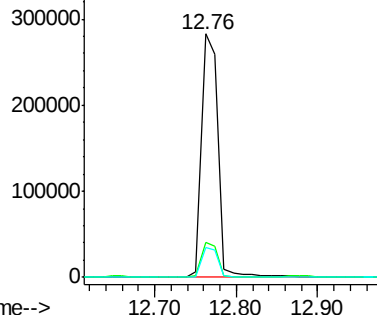
Tot Ion:	184	Resp:	391889
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.0
183	12.1	9.2	13.8

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



#77

Pyrene

Concen: 163.49 ng

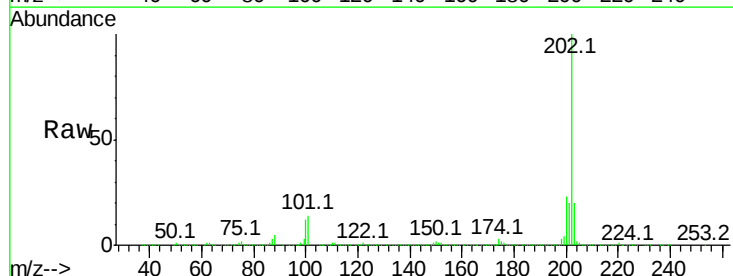
RT: 12.89 min Scan# 945

Delta R.T. 0.02 min

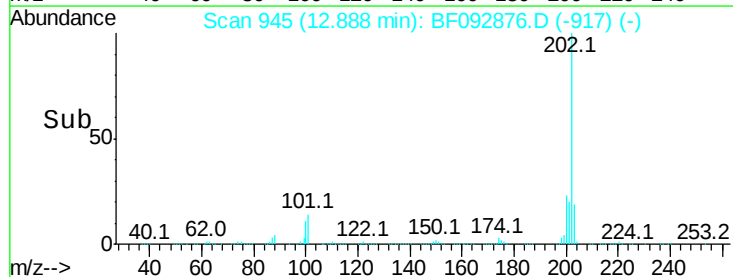
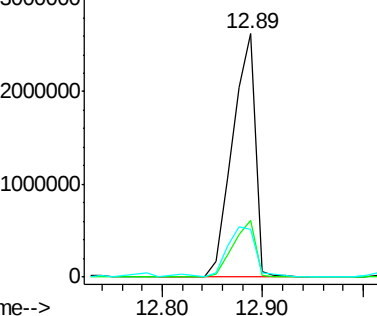
Lab File: BF092876.D

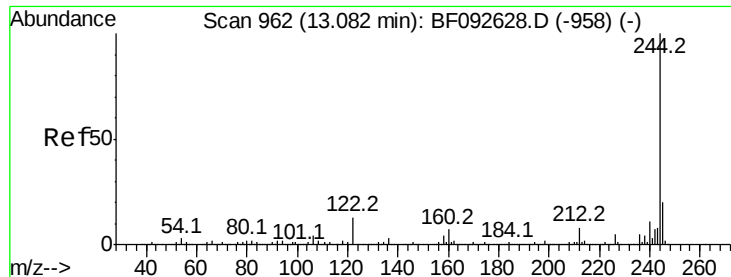
Acq: 9 Feb 2017 1:46

Tgt Ion:	202	Resp:	4134415
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.7	26.5
203	19.7	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





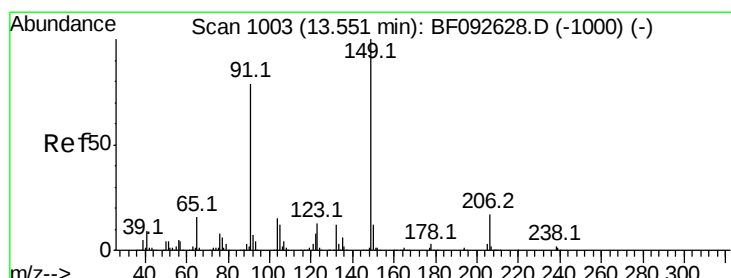
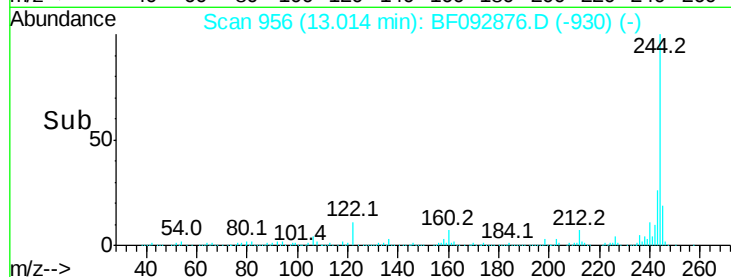
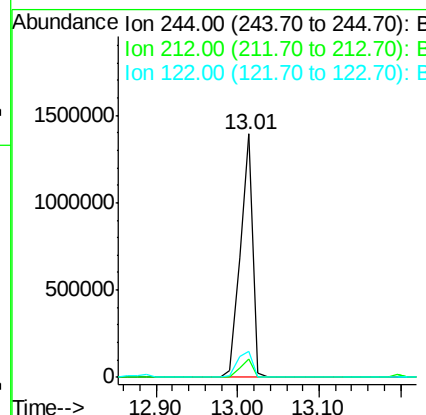
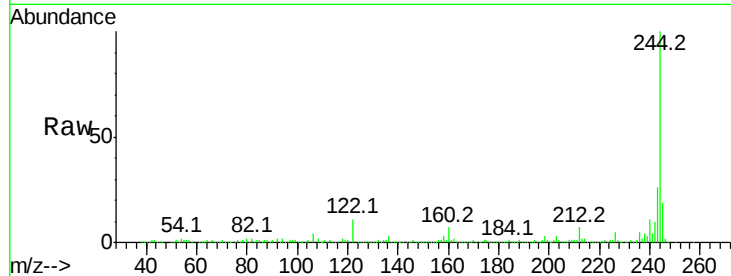
#78
 Terphenyl-d14
 Concen: 102.59 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

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

Tot Ion:244 Resp: 1475310
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.9 11.4 17.2#

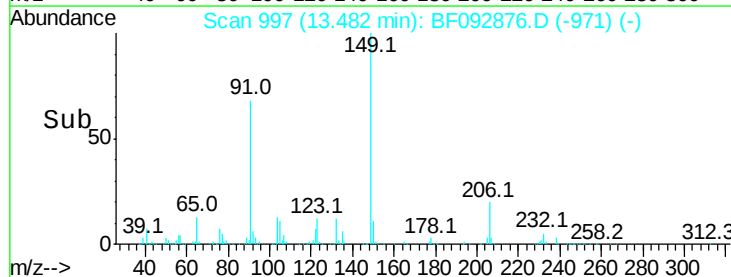
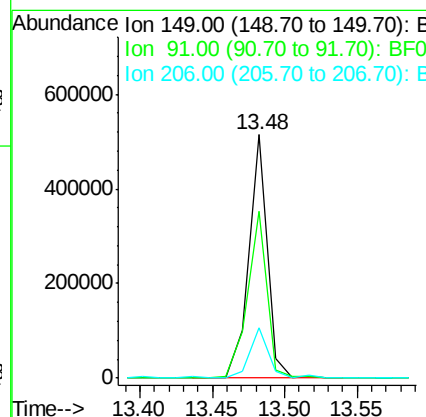
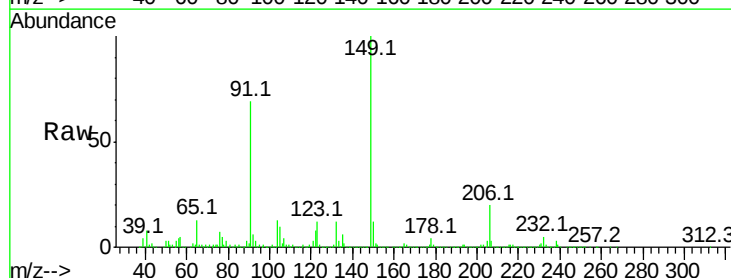
Manual Integrations
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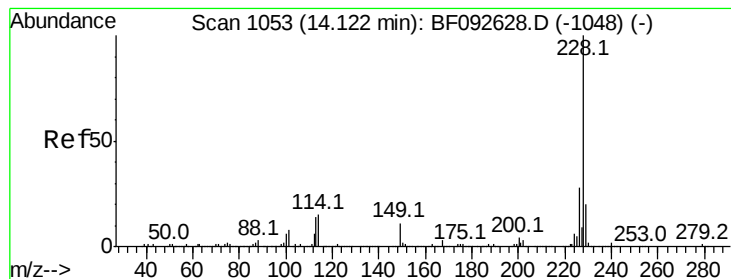
mohammad
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#79
 Butylbenzylphthalate
 Concen: 43.88 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF092876.D
 Acq: 9 Feb 2017 1:46

Tgt Ion:149 Resp: 450578
 Ion Ratio Lower Upper
 149 100
 91 68.6 63.9 95.9
 206 20.4 14.6 21.8





#80

Benzo(a)anthracene

Concen: 100.12 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:228 Resp: 2069258

Ion Ratio Lower Upper

228 100

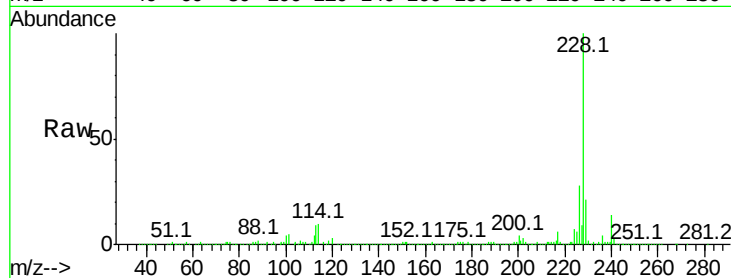
226 28.5 22.4 33.6

229 20.9 16.2 24.4

Manual Integrations
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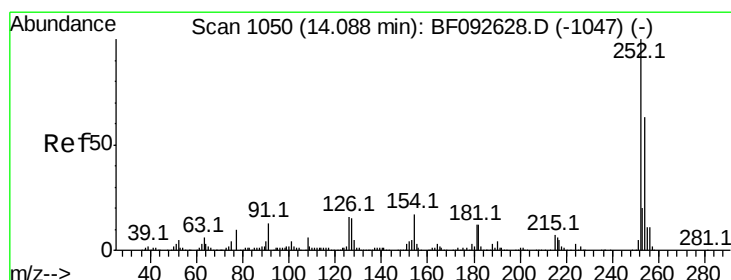
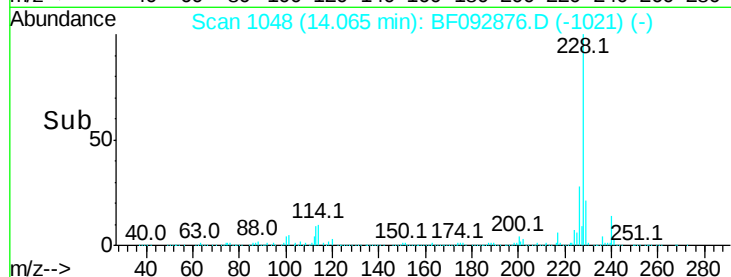
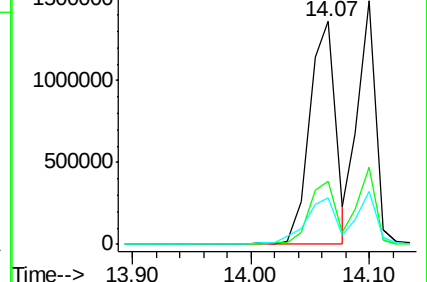
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 33.39 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

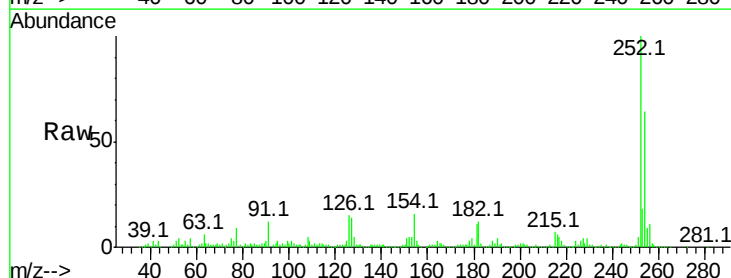
Tgt Ion:252 Resp: 245958

Ion Ratio Lower Upper

252 100

254 63.6 52.3 78.5

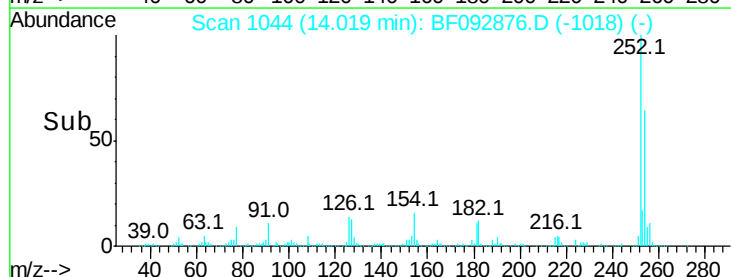
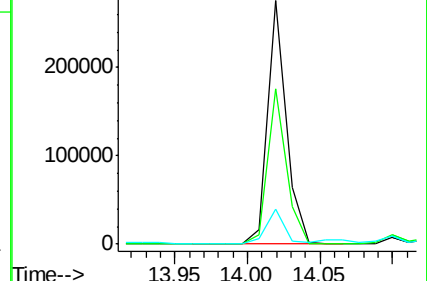
126 14.6 13.6 20.4

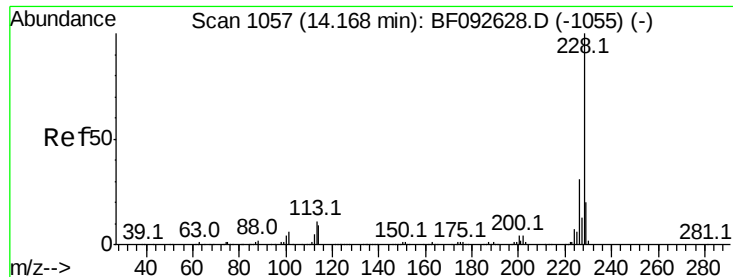


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





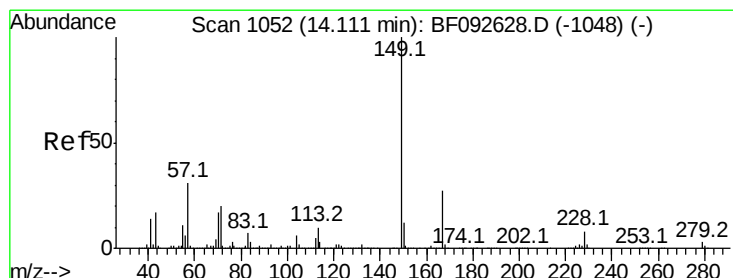
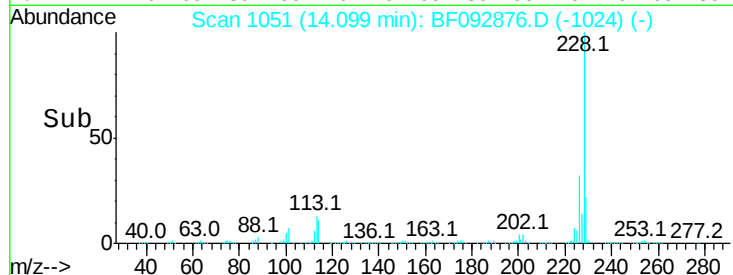
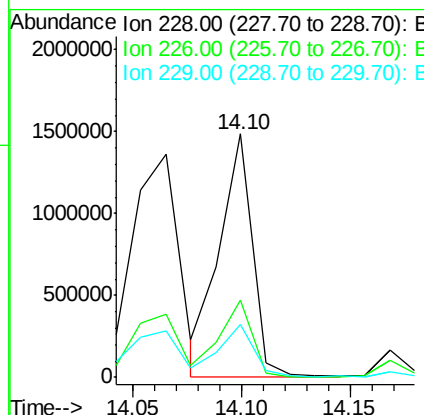
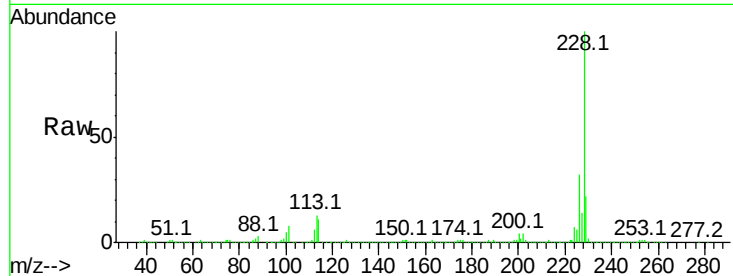
#82
Chrysene
Concen: 80.28 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion:228 Resp: 1553477
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 21.8 16.2 24.2

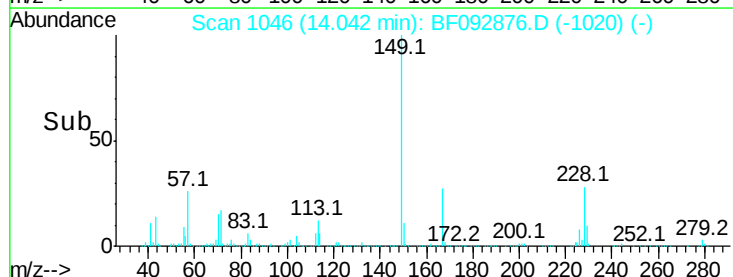
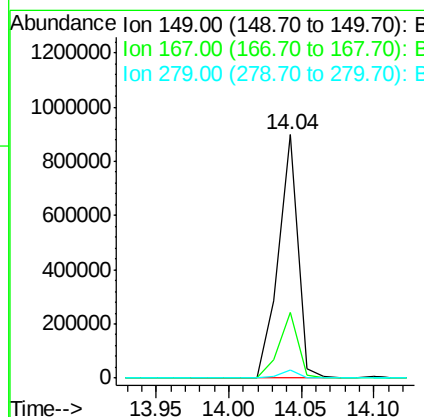
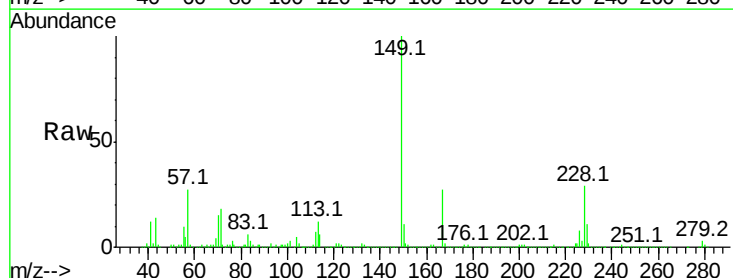
Manual Integrations
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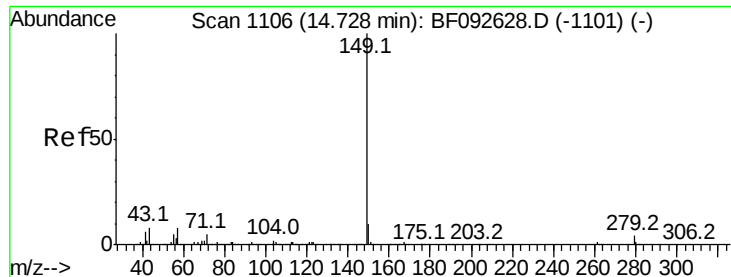
mohammad
2/9/2017 12:32:02 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 59.55 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion:149 Resp: 836245
Ion Ratio Lower Upper
149 100
167 27.1 20.2 30.4
279 3.3 1.8 2.8#





#84

Di-n-octyl phthalate

Concen: 55.75 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMSD

Tot Ion:149 Resp: 1275042

Ion Ratio Lower Upper

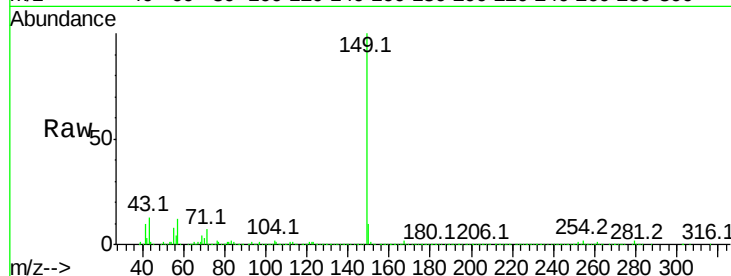
149 100

167 1.6 1.3 1.9

43 12.3 8.9 13.3

Manual Integrations
APPROVED

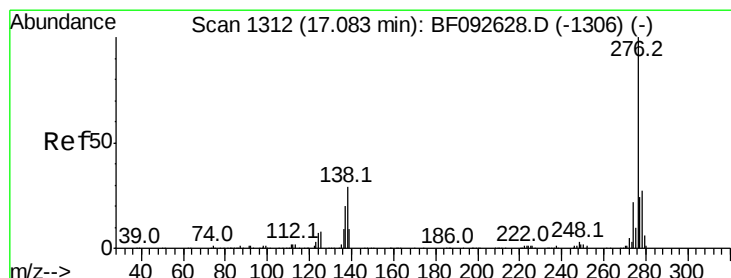
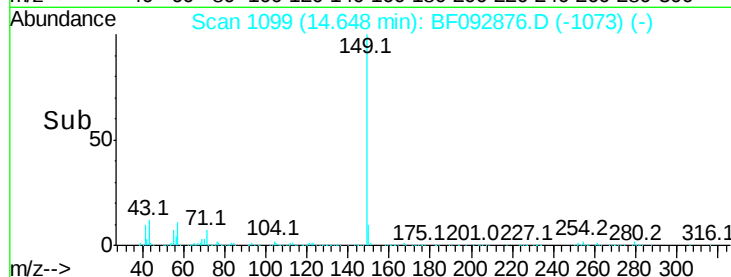
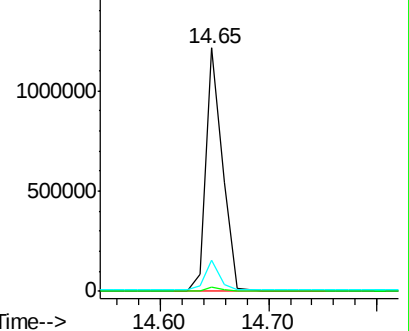
mohammad
2/9/2017 12:32:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 71.97 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF092876.D

Acq: 9 Feb 2017 1:46

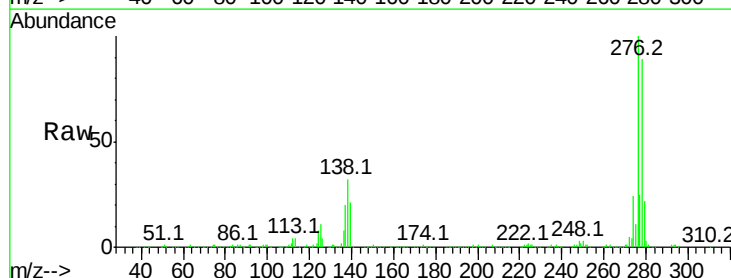
Tgt Ion:276 Resp: 1078729

Ion Ratio Lower Upper

276 100

138 31.0 21.8 32.6

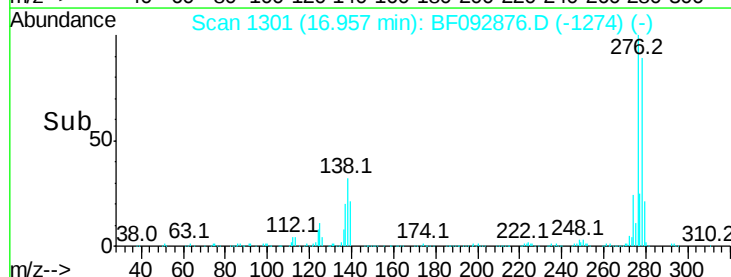
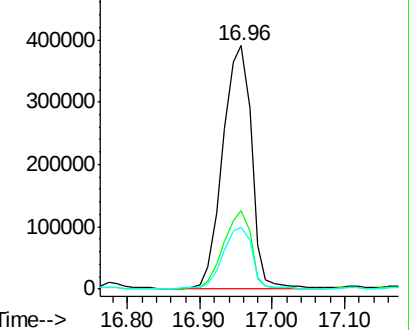
277 25.7 20.2 30.4

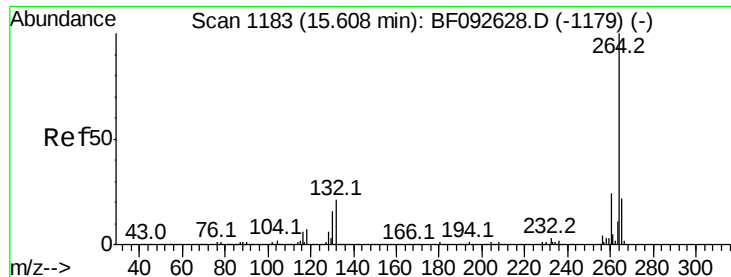


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





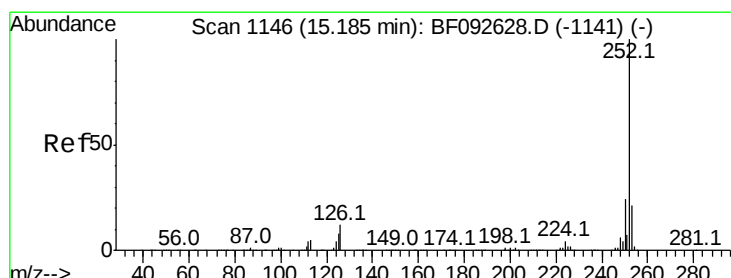
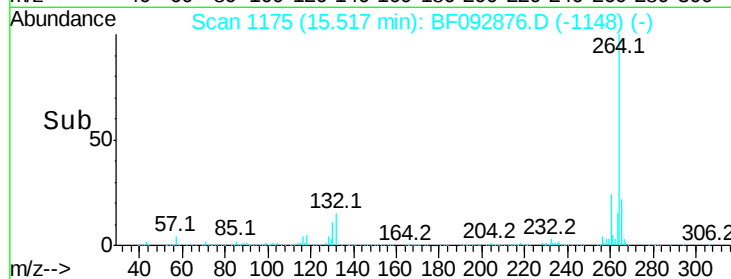
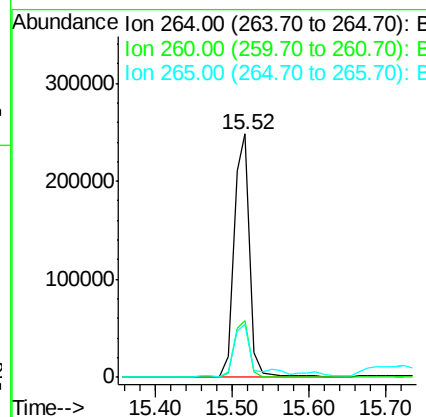
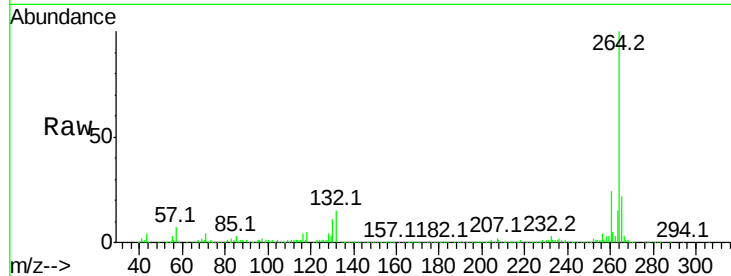
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.4	26.0

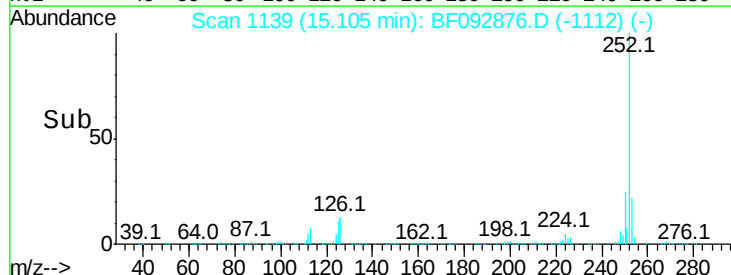
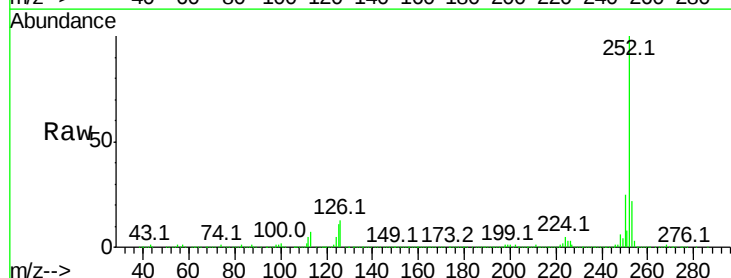
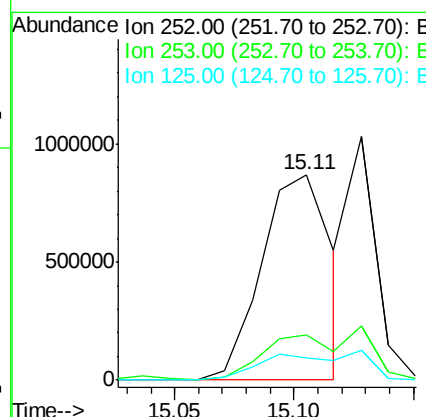
Manual Integrations
APPROVED

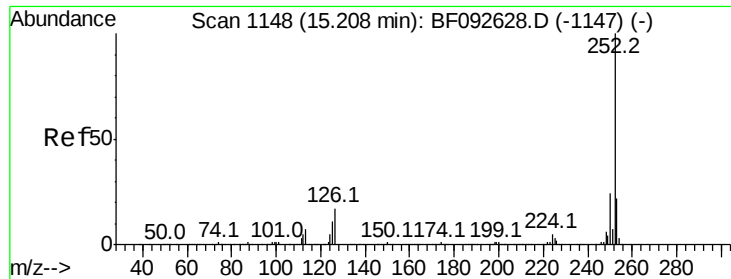
mohammad
2/9/2017 12:32:02 PM



#87
Benzo(b)fluoranthene
Concen: 75.29 ng m
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.0	9.8	14.6





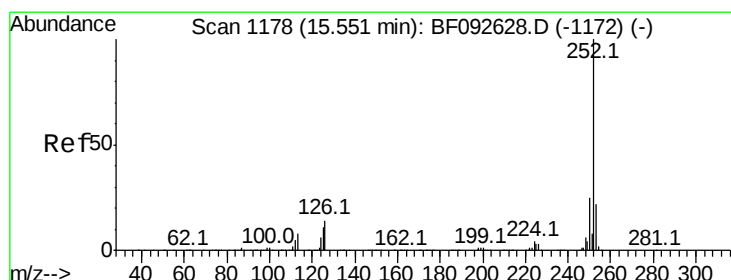
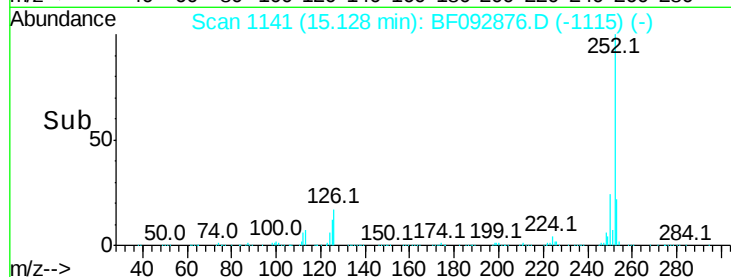
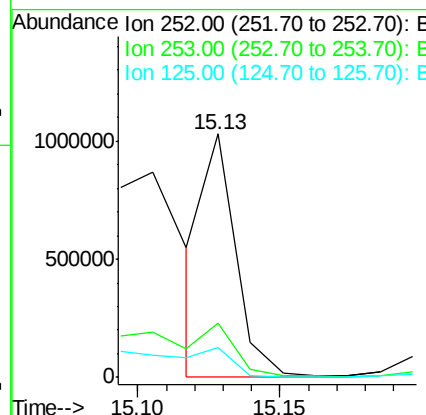
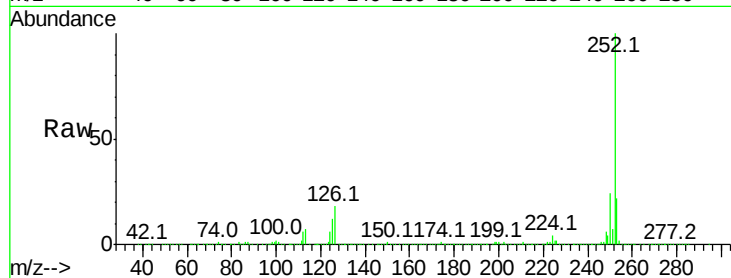
#88
Benzo(k)fluoranthene
Concen: 40.71 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	12.1	8.9	13.3

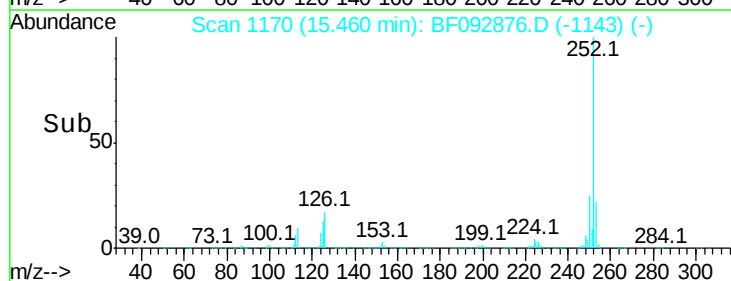
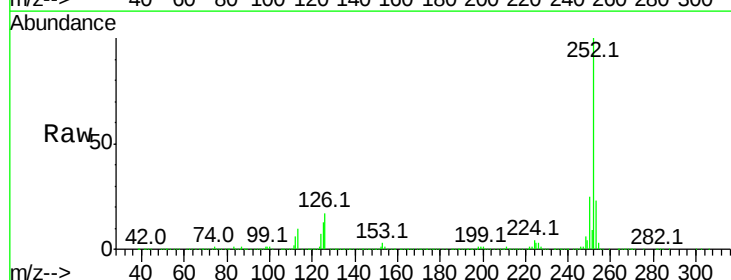
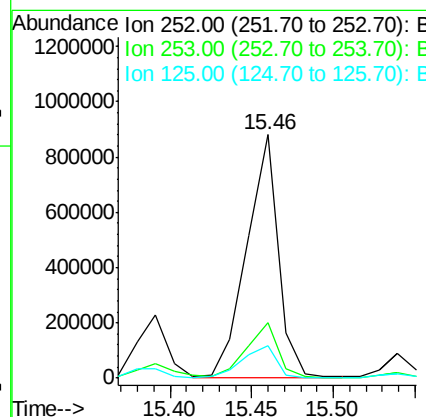
Manual Integrations
APPROVED

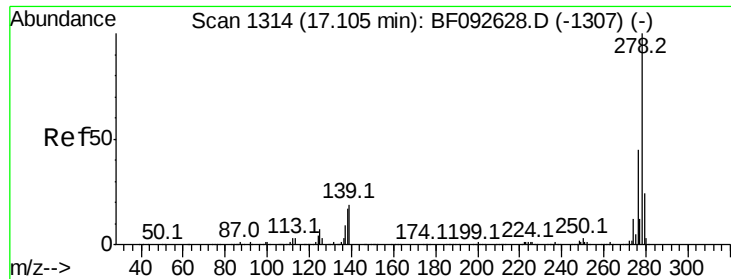
mohammad
2/9/2017 12:32:02 PM



#89
Benzo(a)pyrene
Concen: 57.47 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.2	10.0	15.0





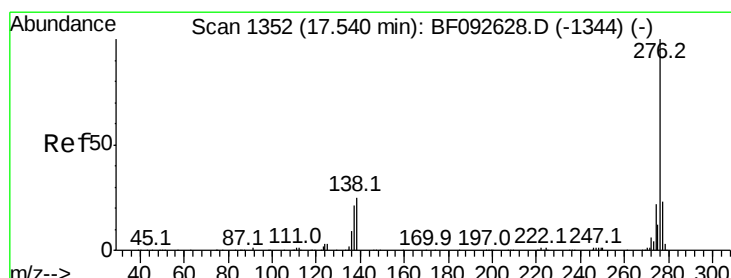
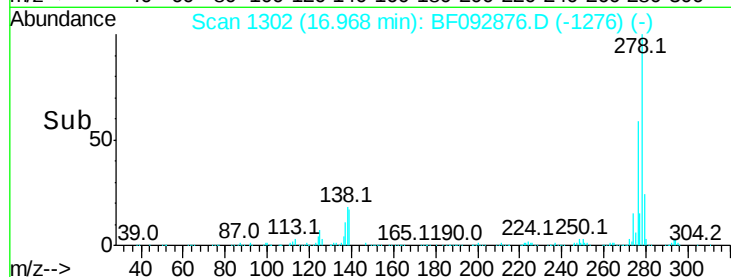
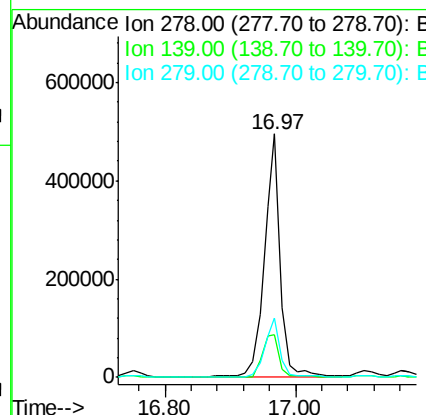
#90
Dibenzo(a,h)anthracene
Concen: 50.57 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	24.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/9/2017 12:32:02 PM



#91
Benzo(g,h,i)perylene
Concen: 56.52 ng
RT: 17.39 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF092876.D
Acq: 9 Feb 2017 1:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	25.5	16.0	24.0

