

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090431.D
 Acq On : 6 Oct 2016 21:15
 Operator : UM/SJ
 Sample : H5110-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations
 APPROVED

sohil
 10/7/2016 7:02:32 PM

Quant Time: Oct 07 00:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	231626	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	956262	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	512947	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	791241	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	562792	20.00	ng	-0.01
86) Perylene-d12	15.69	264	402851	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2267309	146.09	ng	0.01
7) Phenol-d6	6.62	99	2882590	141.81	ng	0.00
23) Nitrobenzene-d5	7.56	82	1784234	90.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	617543	148.06	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2533141	82.28	ng	-0.01
78) Terphenyl-d14	13.13	244	2382409	95.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	308040	40.26	ng	# 90
3) Pyridine	3.53	79	943946	44.25	ng	# 83
4) n-Nitrosodimethylamine	3.48	42	394165	44.78	ng	# 49
6) Aniline	6.66	93	1017763	36.25	ng	99
8) 2-Chlorophenol	6.78	128	807750	47.30	ng	97
9) Benzaldehyde	6.54	77	345146	33.59	ng	97
10) Phenol	6.65	94	1148636	48.60	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	890661	49.22	ng	94
12) 1,3-Dichlorobenzene	6.94	146	829153	48.70	ng	99
13) 1,4-Dichlorobenzene	7.01	146	774115	44.77	ng	98
14) 1,2-Dichlorobenzene	7.17	146	861337	51.70	ng	98
15) Benzyl Alcohol	7.14	79	787161	50.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1225220	39.92	ng	92
17) 2-Methylphenol	7.25	107	729544	51.94	ng	98
18) Hexachloroethane	7.51	117	322174	47.26	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	635988	42.67	ng	# 83
20) 3+4-Methylphenols	7.40	107	824620	45.36	ng	90
22) Acetophenone	7.41	105	1159340	51.19	ng	# 88
24) Nitrobenzene	7.58	77	1053223	53.97	ng	96
25) Isophorone	7.82	82	1728875	48.10	ng	100
26) 2-Nitrophenol	7.90	139	452110	53.82	ng	96
27) 2,4-Dimethylphenol	7.94	122	821706	50.30	ng	100
28) bis(2-Chloroethoxy)methane	8.03	93	1013749	47.69	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	682811	54.98	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	641305	50.10	ng	99
31) Naphthalene	8.31	128	2248153	48.73	ng	98
32) Benzoic acid	7.99	122	55685	4.90	ng	96
33) 4-Chloroaniline	8.35	127	534770	28.04	ng	98
34) Hexachlorobutadiene	8.43	225	372571	52.10	ng	99
35) Caprolactam	8.73	113	218262m	52.27	ng	
36) 4-Chloro-3-methylphenol	8.84	107	800058	51.45	ng	94
37) 2-Methylnaphthalene	9.00	142	1397584	50.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701871	51.90	ng	99
40) Hexachlorocyclopentadiene	9.16	237	646073	87.16	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090431.D
 Acq On : 6 Oct 2016 21:15
 Operator : UM/SJ
 Sample : H5110-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations
 APPROVED

sohil
 10/7/2016 7:02:32 PM

Quant Time: Oct 07 00:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	431355	46.22	nq	95
43) 2,4,5-Trichlorophenol	9.32	196	446734	50.63	nq	99
45) 1,1'-Biphenyl	9.47	154	1800301	47.36	nq	98
46) 2-Chloronaphthalene	9.49	162	1294739	46.10	nq	99
47) 2-Nitroaniline	9.58	65	512494	46.25	nq	92
48) Acenaphthylene	9.91	152	2221005	47.93	nq	99
49) Dimethylphthalate	9.78	163	3044307	92.67	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	384644	52.74	nq	# 59
51) Acenaphthene	10.09	154	1450733	50.21	nq	98
52) 3-Nitroaniline	9.99	138	285174	33.47	nq	93
53) 2,4-Dinitrophenol	10.10	184	179319	55.14	nq	# 77
54) Dibenzofuran	10.26	168	1970279	52.69	nq	96
55) 4-Nitrophenol	10.15	139	617819	82.88	nq	98
56) 2,4-Dinitrotoluene	10.23	165	540427	55.68	nq	# 56
57) Fluorene	10.60	166	1541539	49.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	403199	61.18	nq	# 86
59) Diethylphthalate	10.47	149	1760082	51.78	nq	95
60) 4-Chlorophenyl-phenylether	10.59	204	717532	50.21	nq	98
61) 4-Nitroaniline	10.61	138	354599	41.31	nq	95
62) Azobenzene	10.75	77	1911689	48.69	nq	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	173819	34.29	nq	# 43
65) n-Nitrosodiphenylamine	10.71	169	1376106	51.90	nq	99
66) 4-Bromophenyl-phenylether	11.08	248	410505	52.93	nq	92
67) Hexachlorobenzene	11.15	284	429976	49.78	nq	# 87
68) Atrazine	11.24	200	451310	69.03	nq	96
69) Pentachlorophenol	11.34	266	562280	109.36	nq	99
70) Phenanthrene	11.56	178	1975055	48.75	nq	98
71) Anthracene	11.62	178	2153727	52.05	nq	100
72) Carbazole	11.77	167	1826252	47.51	nq	99
73) Di-n-butylphthalate	12.10	149	2261129	48.33	nq	99
74) Fluoranthene	12.76	202	2096784	52.76	nq	92
76) Benzidine	12.87	184	947281	64.01	nq	99
77) Pyrene	12.99	202	2088879	55.66	nq	99
79) Butylbenzylphthalate	13.61	149	1108811	57.58	nq	93
80) Benzo(a)anthracene	14.18	228	1522595	48.22	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	454111	39.67	nq	# 99
82) Chrysene	14.21	228	1182831	40.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	1412677	51.61	nq	99
84) Di-n-octyl phthalate	14.78	149	1955528	48.19	nq	# 91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1327068	64.05	nq	# 94
87) Benzo(b)fluoranthene	15.25	252	1330062	51.83	nq	97
88) Benzo(k)fluoranthene	15.28	252	1048515m	43.50	nq	
89) Benzo(a)pyrene	15.63	252	1174594	53.11	nq	99
90) Dibenzo(a,h)anthracene	17.23	278	1136801	60.41	nq	# 95
91) Benzo(g,h,i)perylene	17.66	276	1070427	59.28	nq	# 92

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

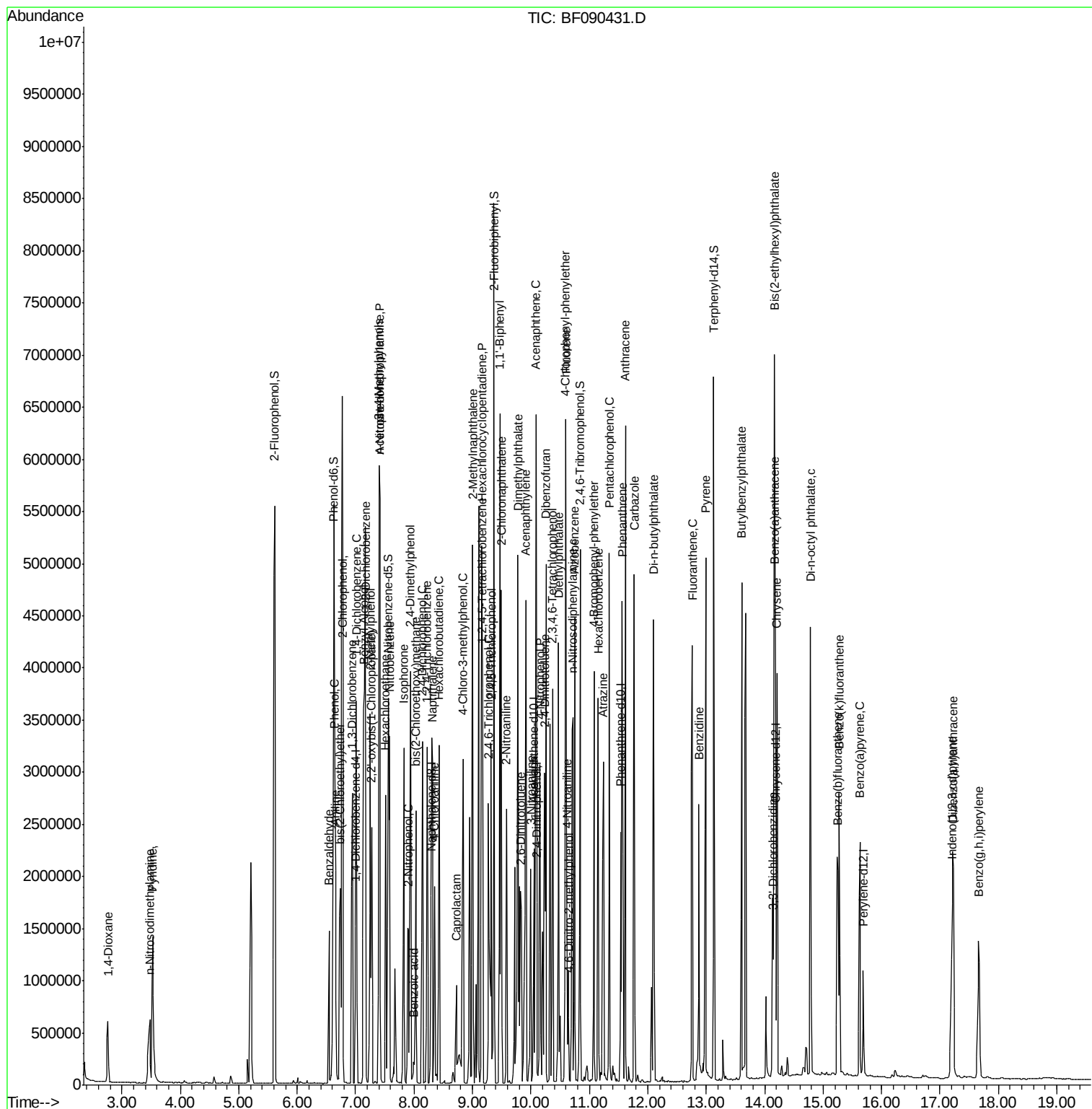
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090431.D
Acq On : 6 Oct 2016 21:15
Operator : UM/SJ
Sample : H5110-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

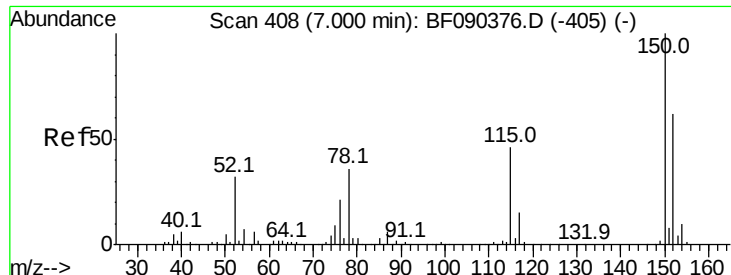
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

Quant Time: Oct 07 00:29:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

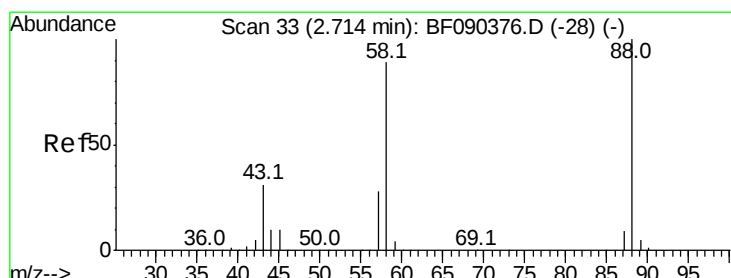
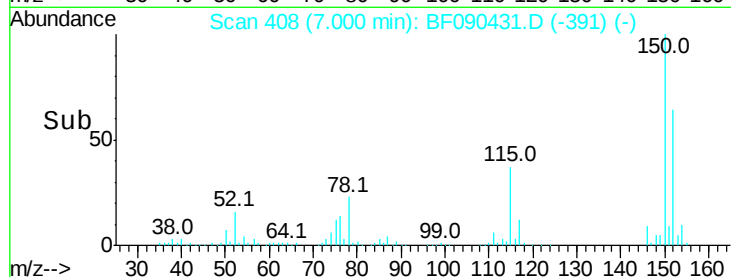
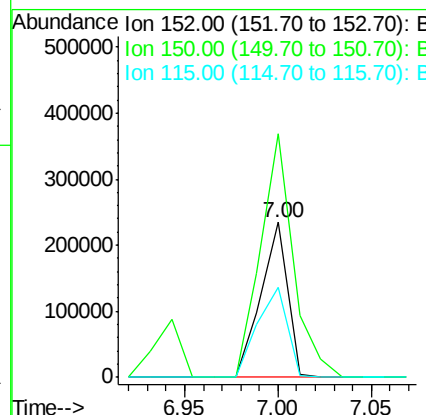
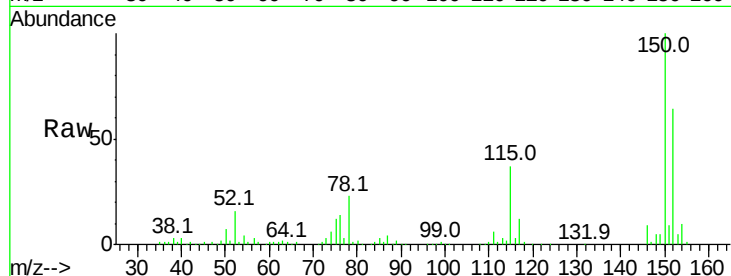
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.4	46.2	69.4

Manual Integrations
APPROVED

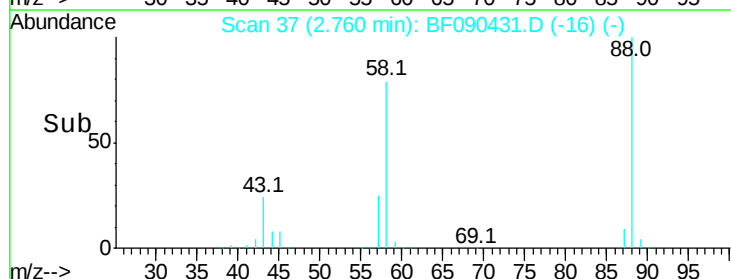
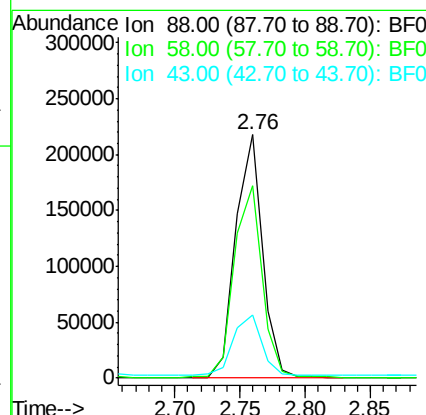
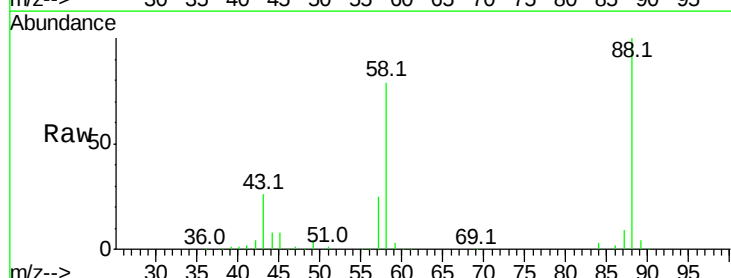
sohil
10/7/2016 7:02:32 PM

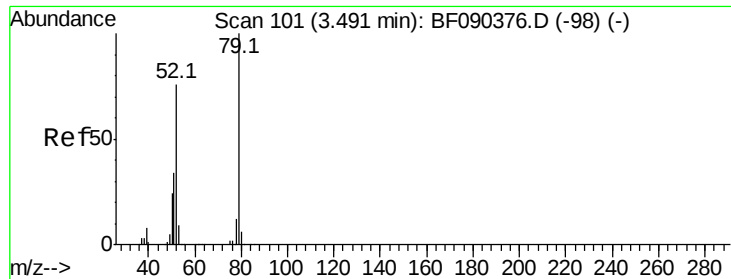


#2

1,4-Dioxane
Concen: 40.26 ng
RT: 2.76 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	71.2	106.8
43	27.1	29.8	44.6





#3

Pvridine

Concen: 44.25 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 79 Resp: 943946

Ion Ratio Lower Upper

79 100

52 72.5 71.3 106.9

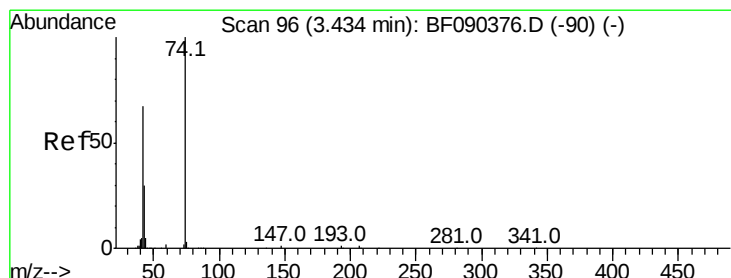
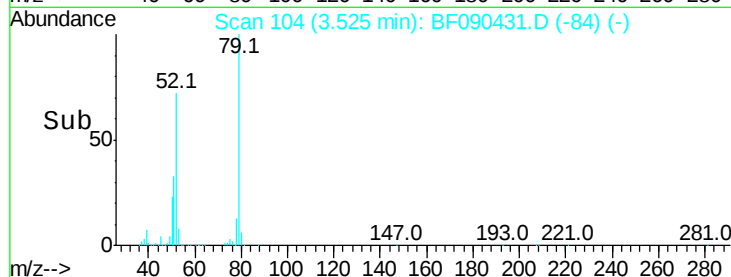
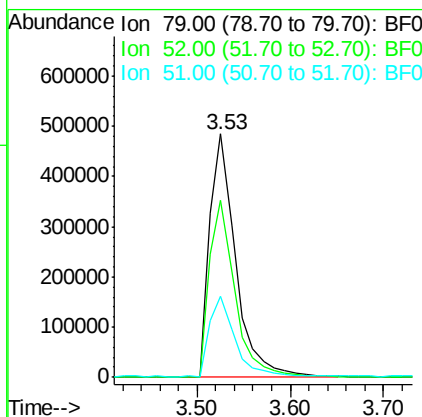
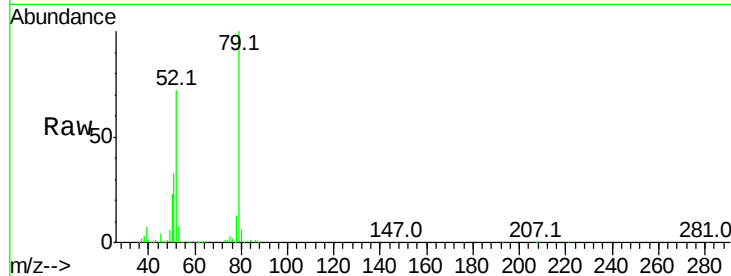
51 33.1 34.5 51.7#

Manual Integrations

APPROVED

sohil

10/7/2016 7:02:32 PM



#4

n-Nitrosodimethylamine

Concen: 44.78 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

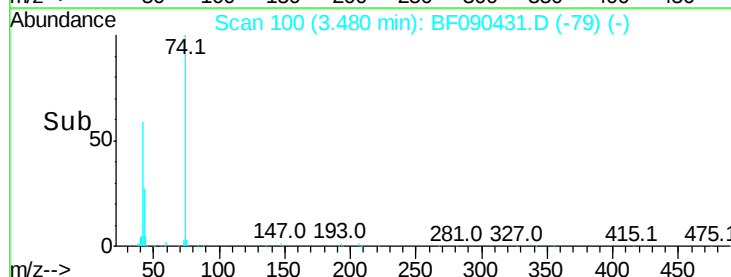
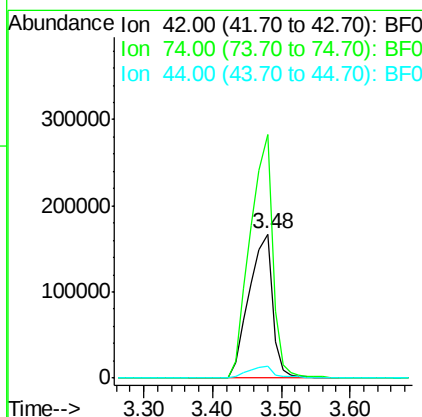
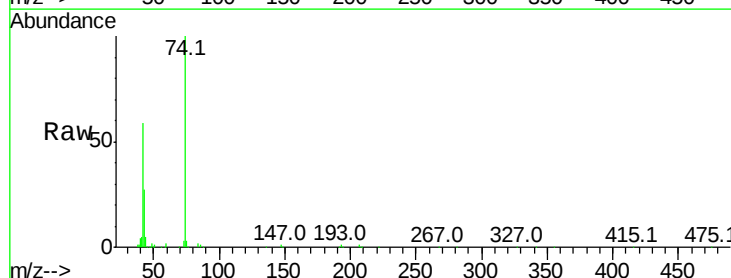
Tgt Ion: 42 Resp: 394165

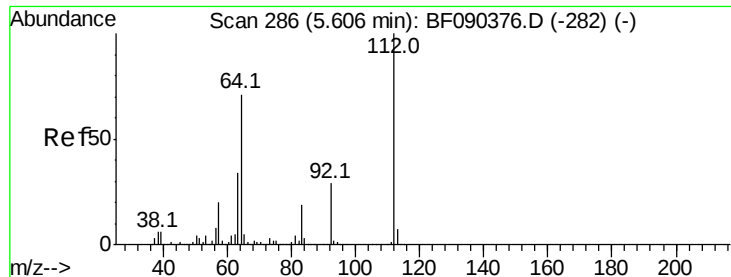
Ion Ratio Lower Upper

42 100

74 168.9 88.9 133.3#

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 146.09 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:112 Resp: 2267309

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

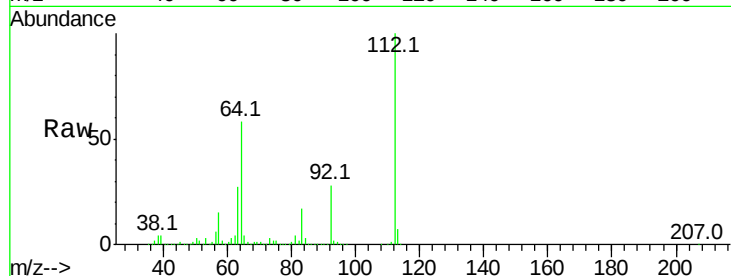
63 27.4 29.6 44.4#

Manual Integrations

APPROVED

sohil

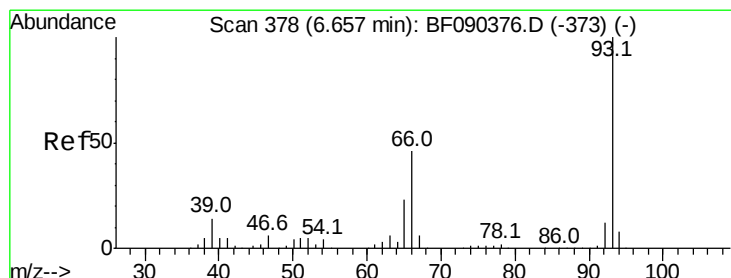
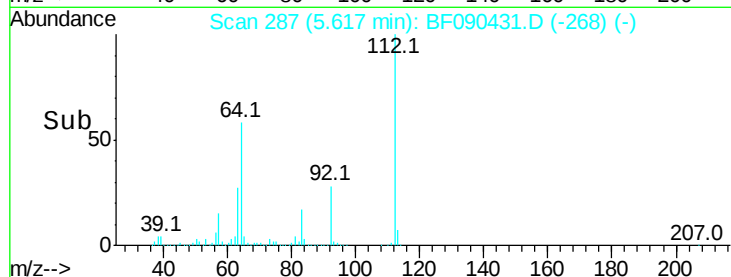
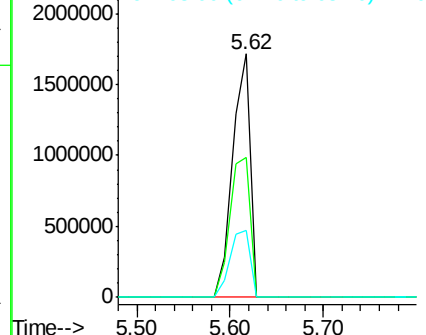
10/7/2016 7:02:32 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.25 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

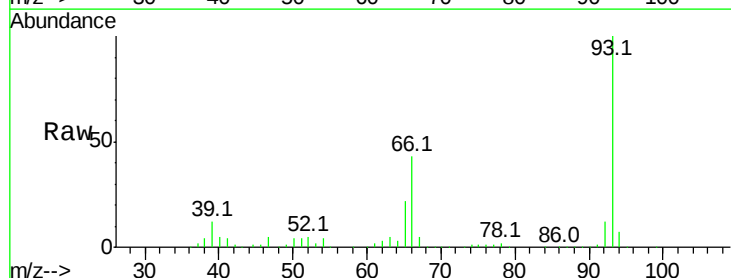
Tgt Ion: 93 Resp: 1017763

Ion Ratio Lower Upper

93 100

66 43.3 34.5 51.7

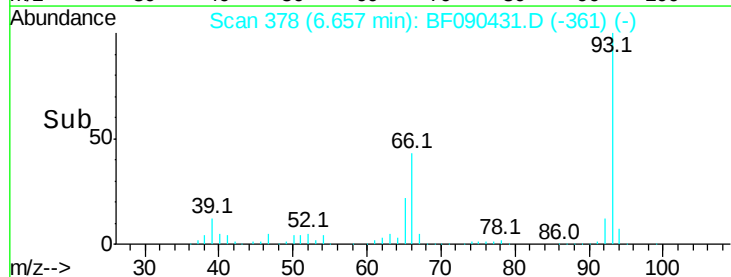
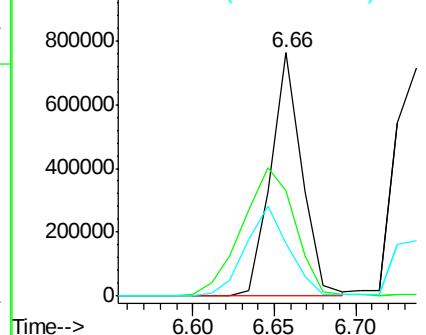
65 21.7 18.2 27.2

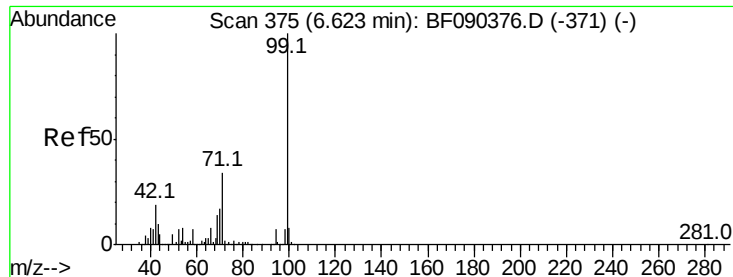


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.81 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 99 Resp: 2882590

Ion Ratio Lower Upper

99 100

42 16.9 20.0 30.0#

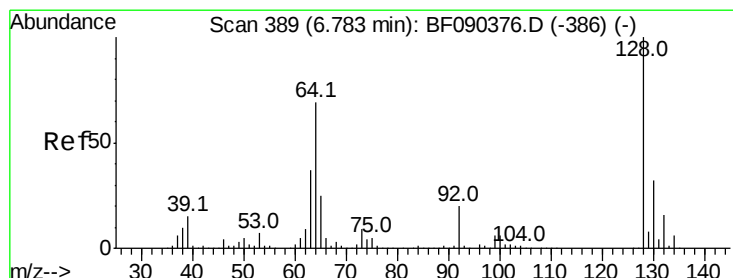
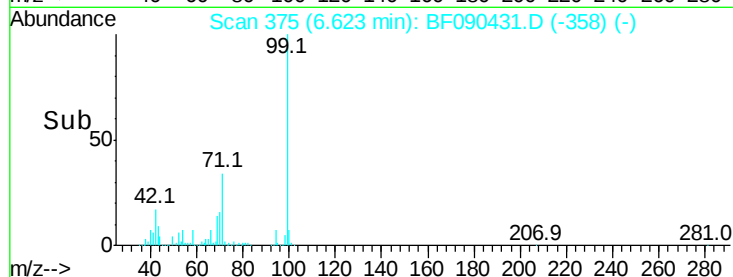
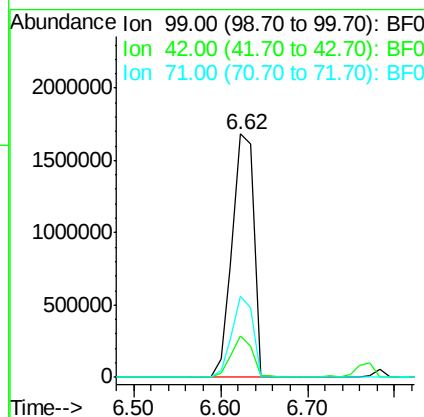
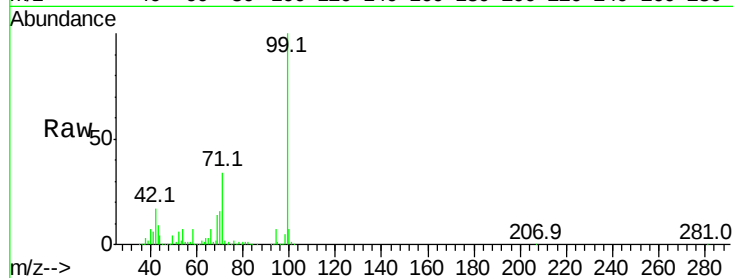
71 33.5 27.9 41.9

Manual Integrations

APPROVED

sohil

10/7/2016 7:02:32 PM



#8

2-Chlorophenol

Concen: 47.30 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

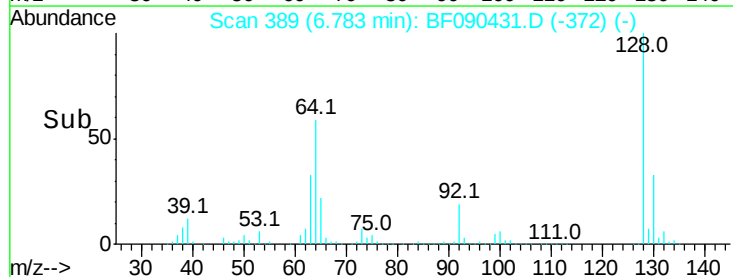
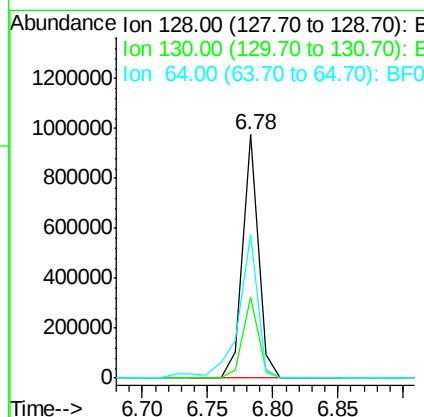
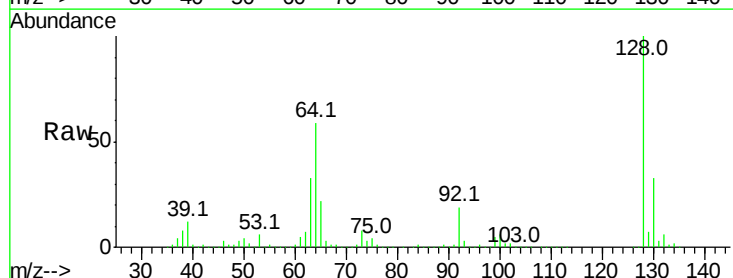
Tgt Ion: 128 Resp: 807750

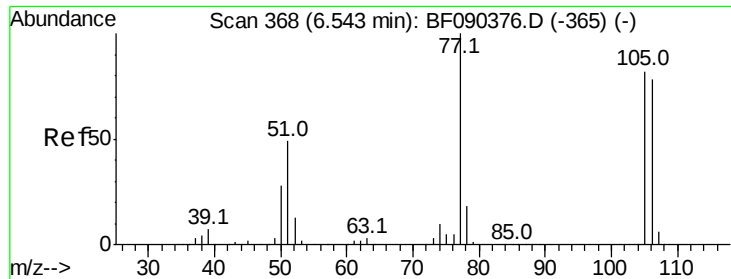
Ion Ratio Lower Upper

128 100

130 33.0 13.3 53.3

64 59.1 36.0 76.0





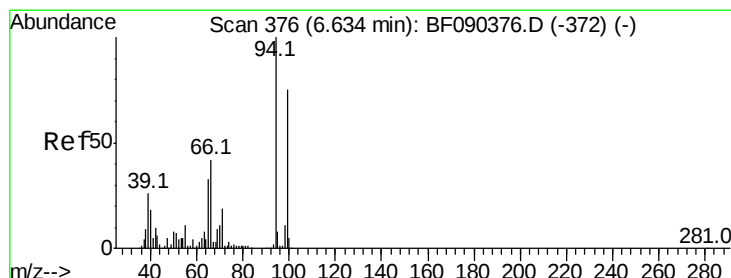
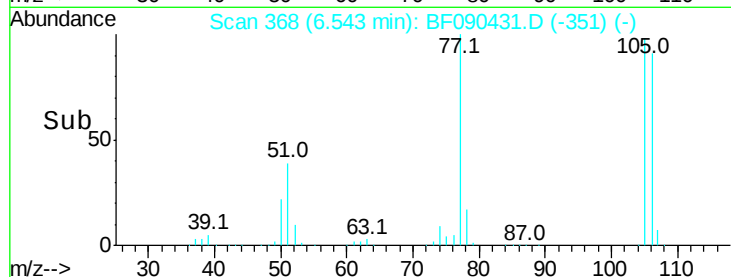
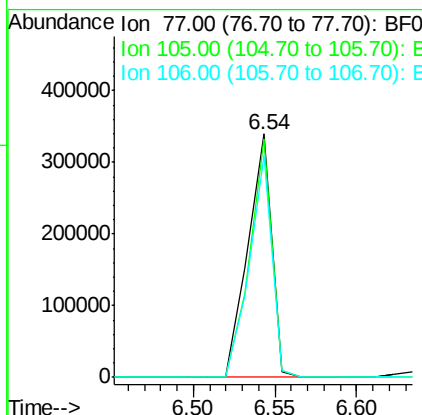
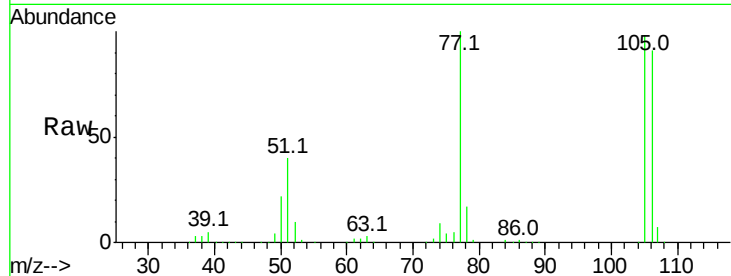
#9
Benzaldehyde
Concen: 33.59 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 77 Resp: 345146
Ion Ratio Lower Upper
77 100
105 98.1 73.1 113.1
106 91.1 70.2 110.2

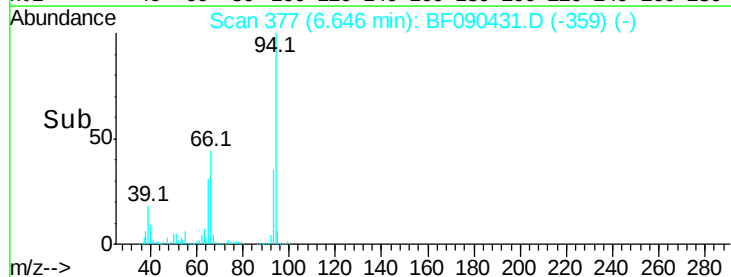
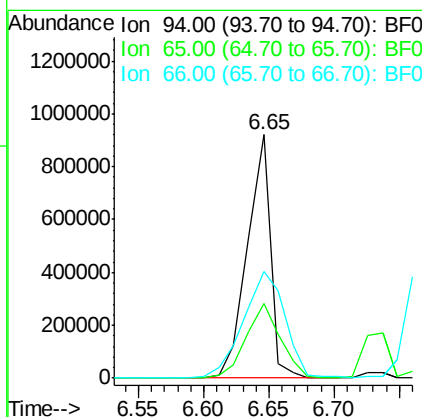
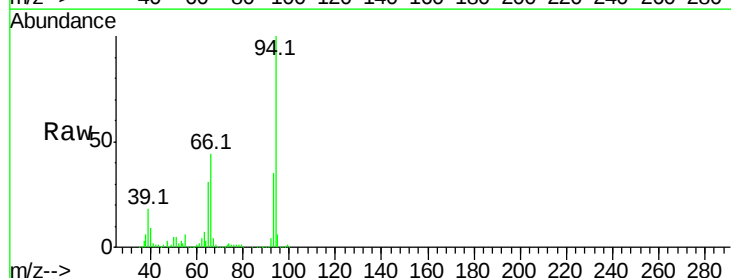
Manual Integrations
APPROVED

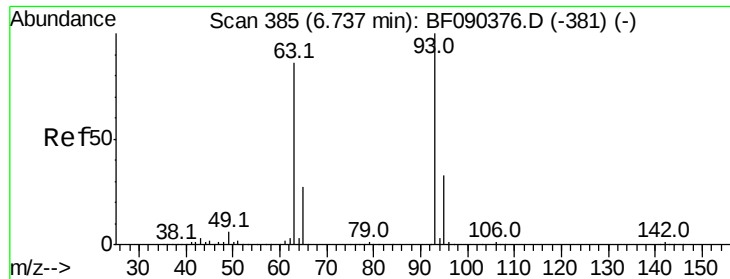
sohil
10/7/2016 7:02:32 PM



#10
Phenol
Concen: 48.60 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion: 94 Resp: 1148636
Ion Ratio Lower Upper
94 100
65 30.7 13.3 53.3
66 43.7 20.4 60.4





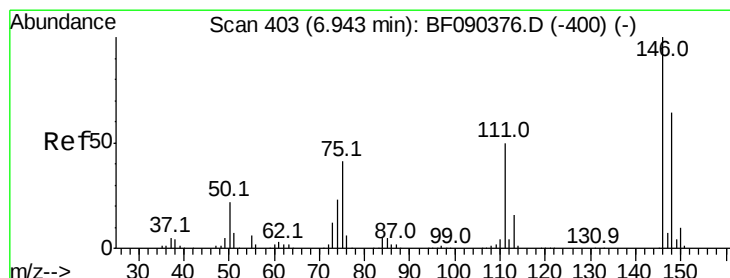
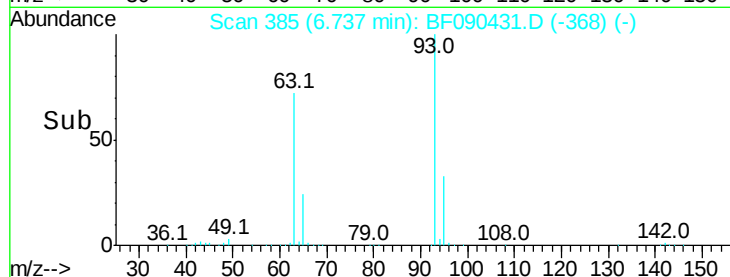
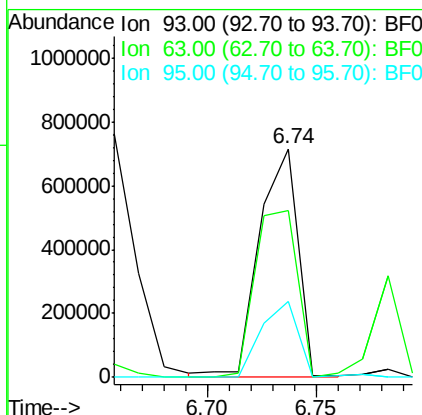
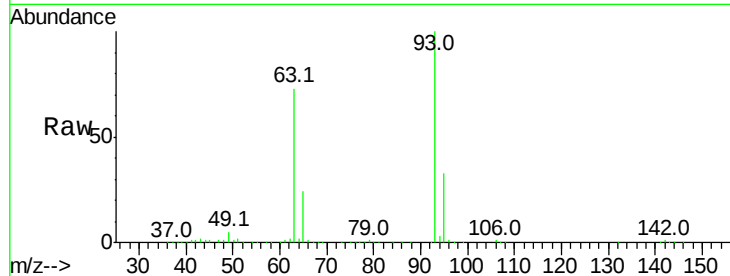
#11
bis(2-Chloroethyl)ether
Concen: 49.22 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	59.7	99.7
95	33.2	14.0	54.0

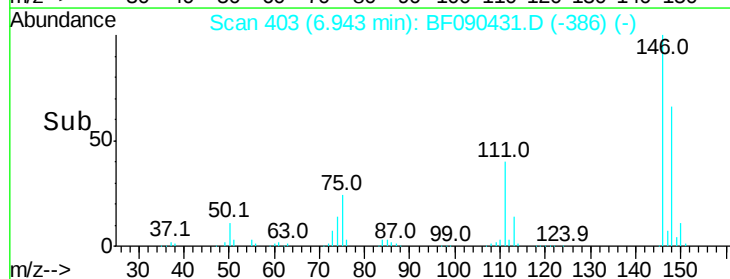
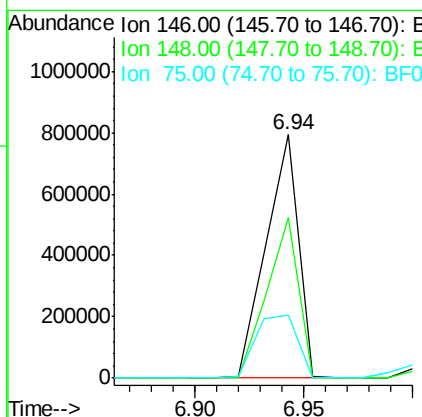
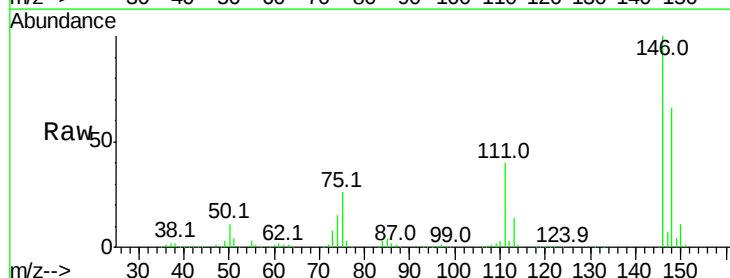
Manual Integrations
APPROVED

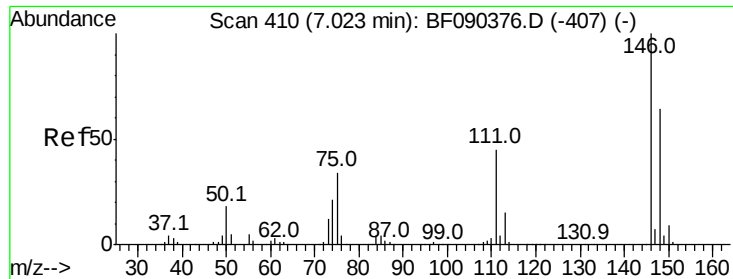
sohil
10/7/2016 7:02:32 PM



#12
1,3-Dichlorobenzene
Concen: 48.70 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.2	78.4
75	25.9	21.4	32.2





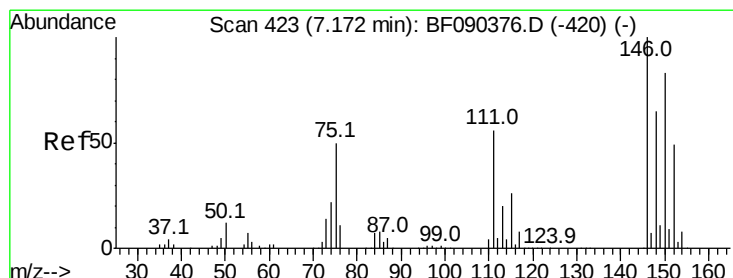
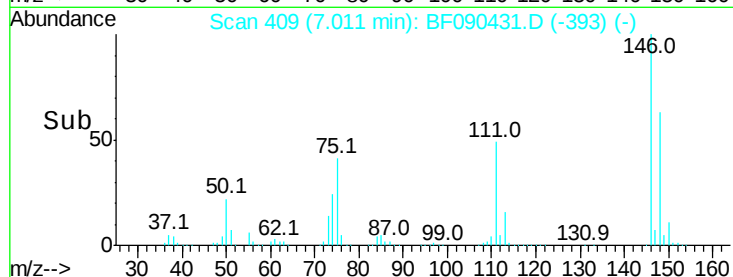
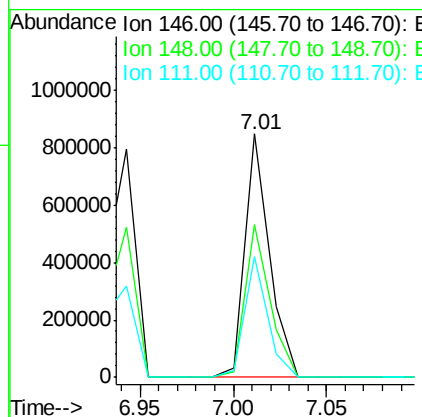
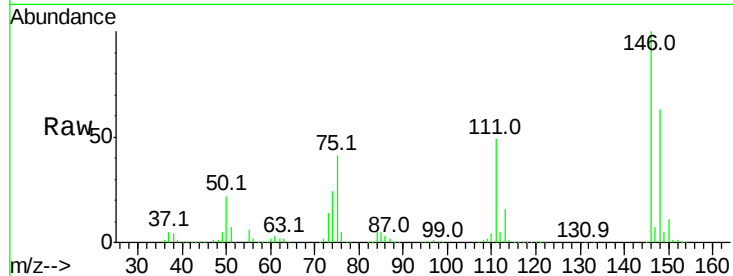
#13
1,4-Dichlorobenzene
Concen: 44.77 ng
RT: 7.01 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	49.4	37.8	56.6

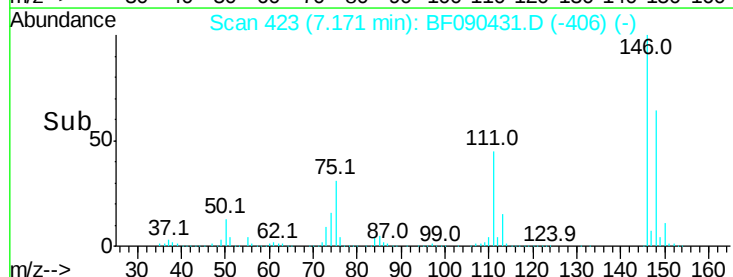
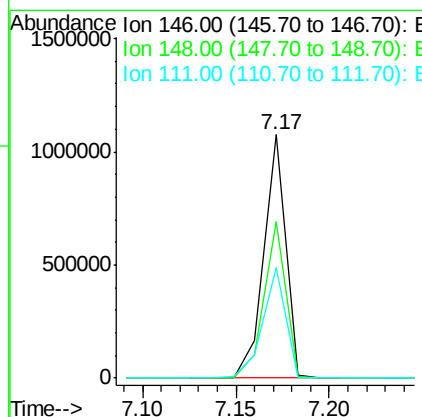
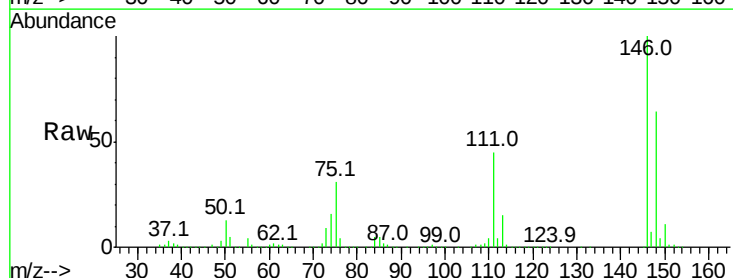
Manual Integrations
APPROVED

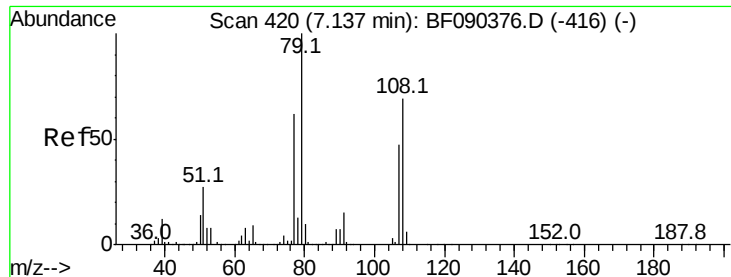
sohil
10/7/2016 7:02:32 PM



#14
1,2-Dichlorobenzene
Concen: 51.70 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	45.5	38.2	57.4





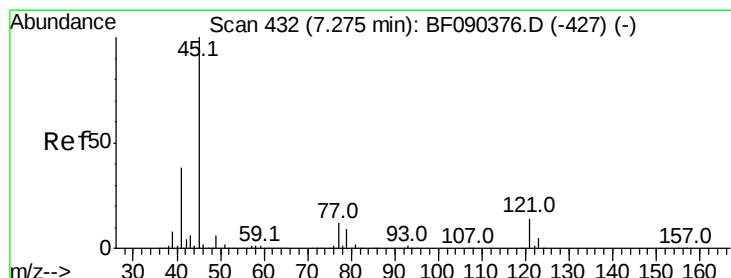
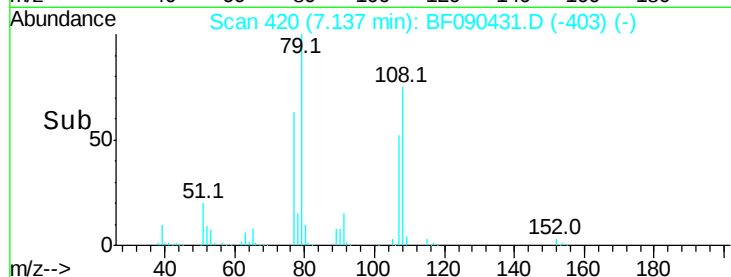
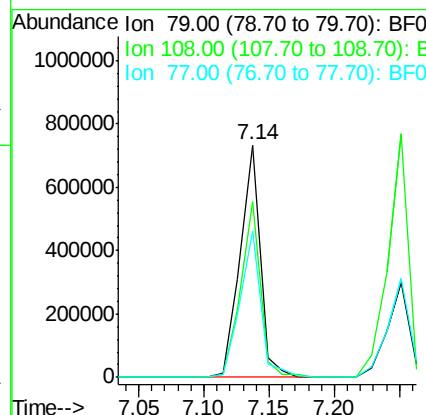
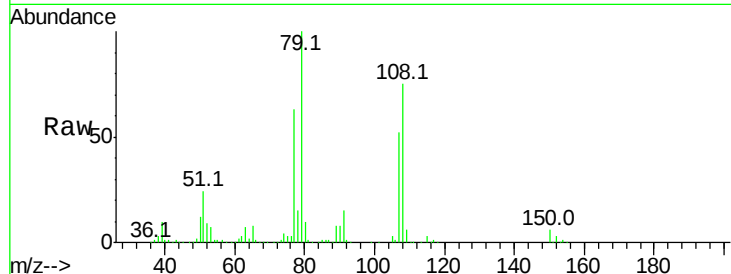
#15
Benzyl Alcohol
Concen: 50.94 ng
RT: 7.14 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	60.9	91.3
77	63.0	51.5	77.3

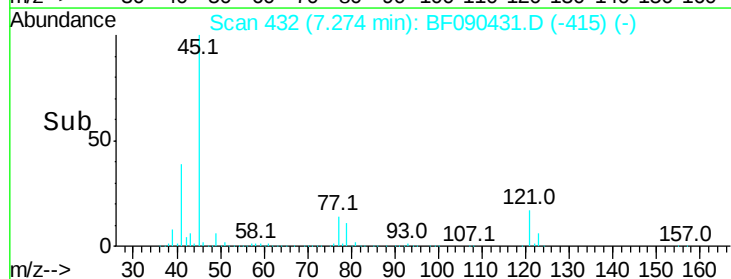
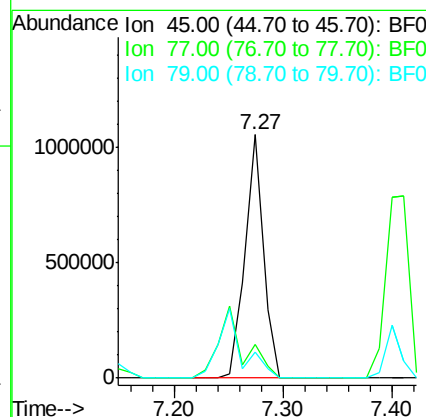
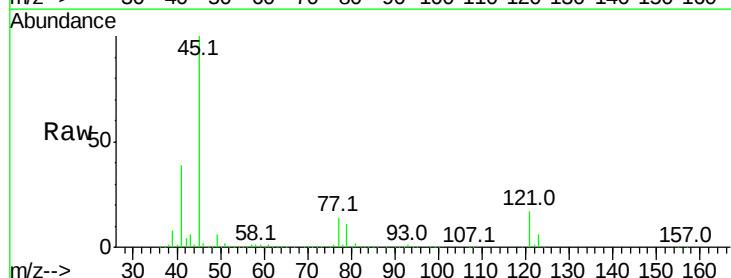
Manual Integrations
APPROVED

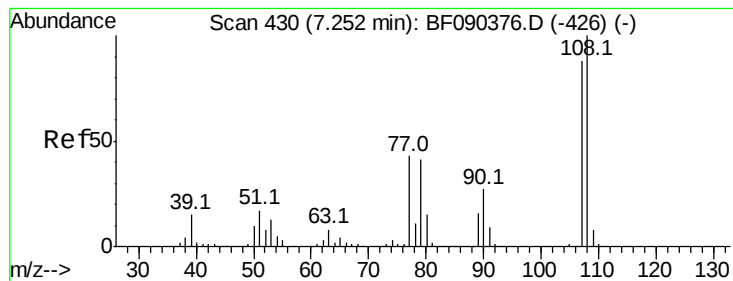
sohil
10/7/2016 7:02:32 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.92 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	30.8
79	10.9	0.0	28.2





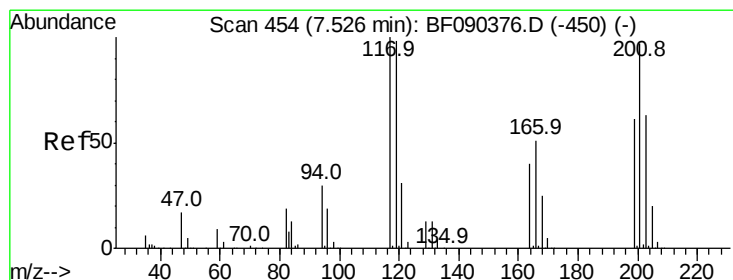
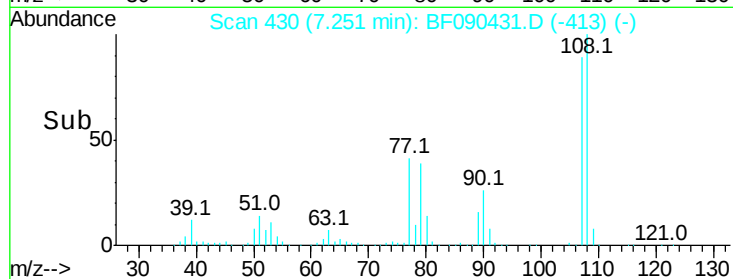
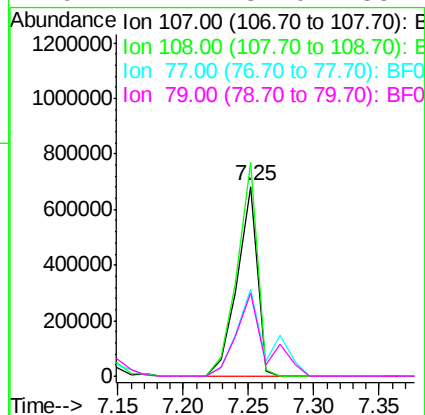
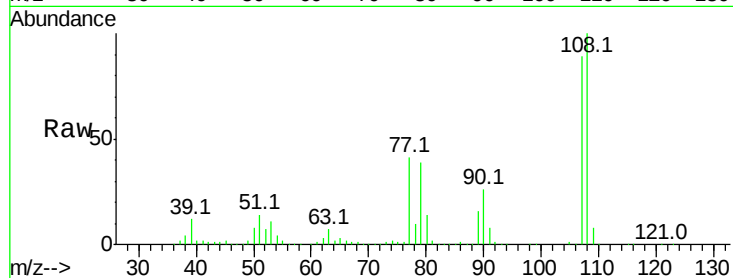
#17
2-Methylphenol
Concen: 51.94 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	729544		
108	112.6		90.9	136.3
77	46.1		38.2	57.4
79	44.2		37.0	55.4

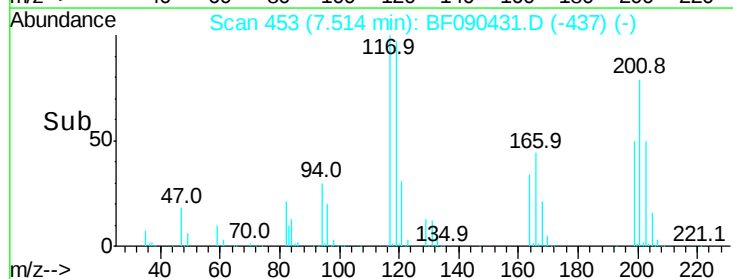
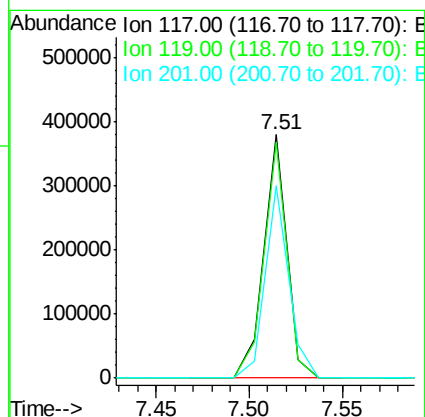
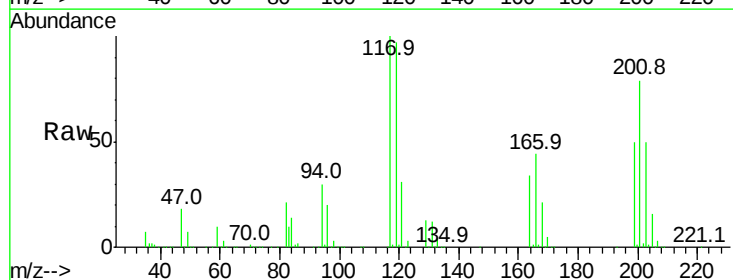
Manual Integrations
APPROVED

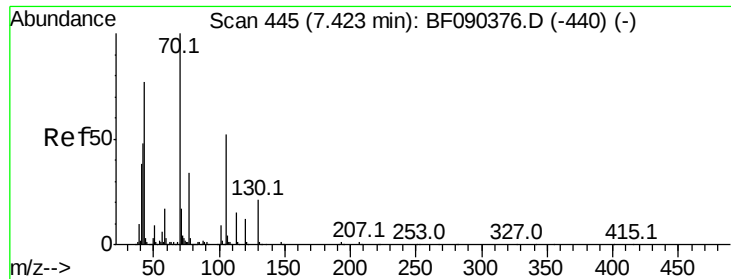
sohil
10/7/2016 7:02:32 PM



#18
Hexachloroethane
Concen: 47.26 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	322174		
119	97.2		75.9	113.9
201	79.1		66.5	99.7





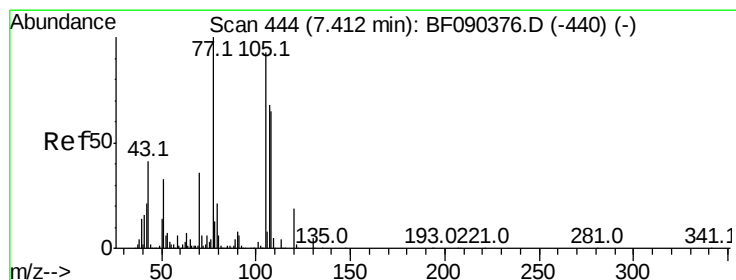
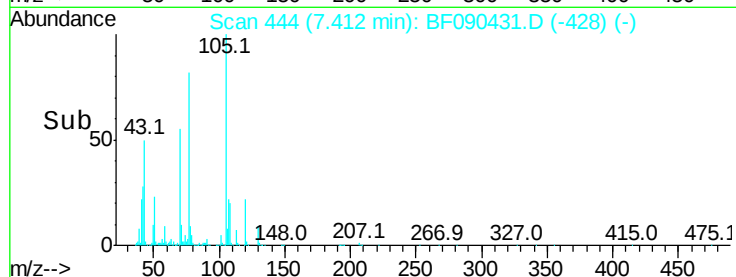
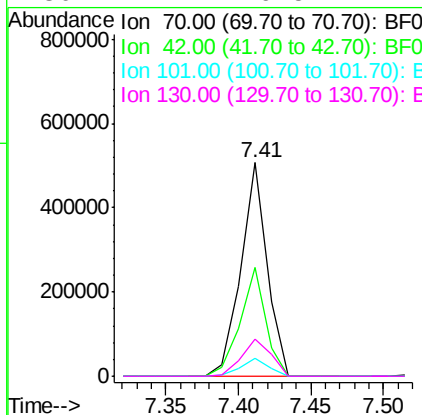
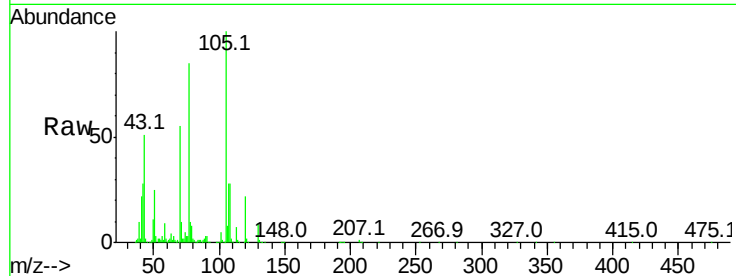
#19
n-Nitroso-di-n-propylamine
Concen: 42.67 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.0	55.4	83.2#
101	8.5	7.6	11.4
130	17.4	16.5	24.7

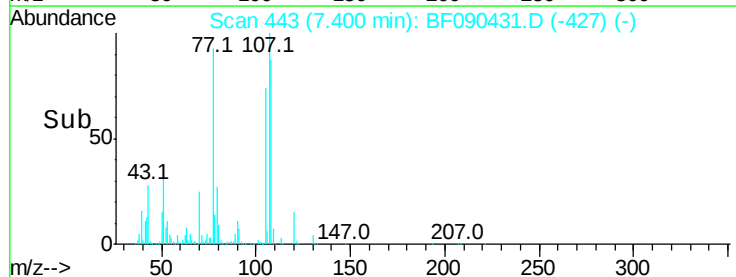
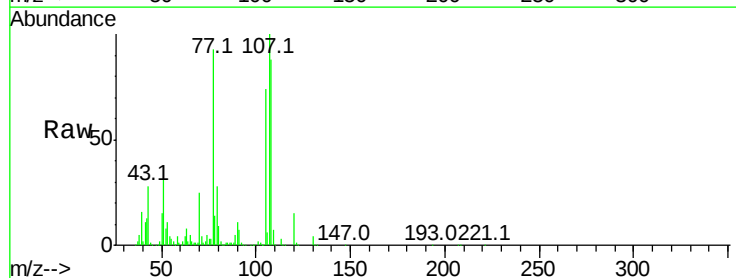
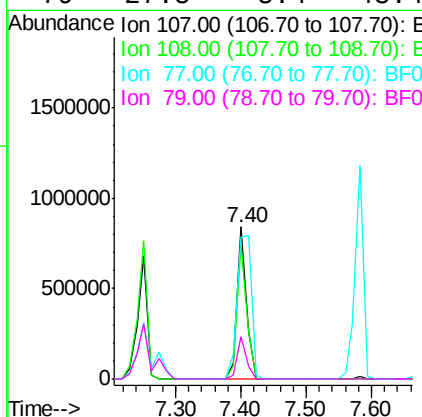
Manual Integrations
APPROVED

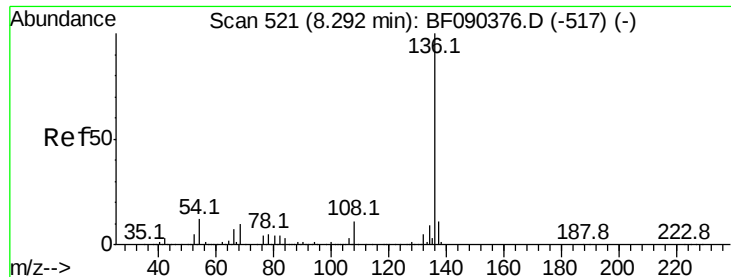
sohil
10/7/2016 7:02:32 PM



#20
3+4-Methylphenols
Concen: 45.36 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	66.7	106.7
77	93.3	53.7	93.7
79	27.5	8.4	48.4





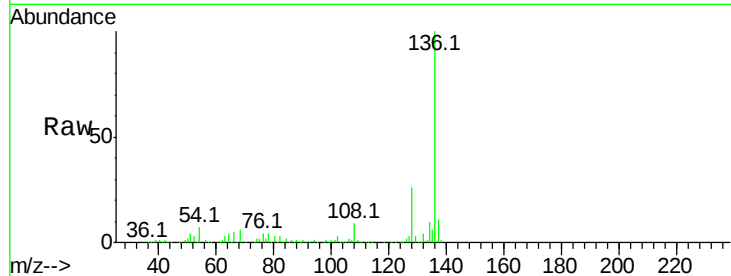
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

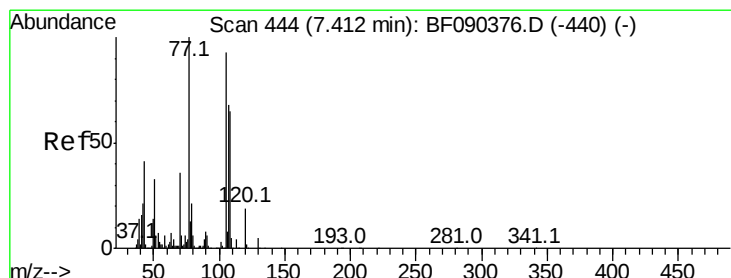
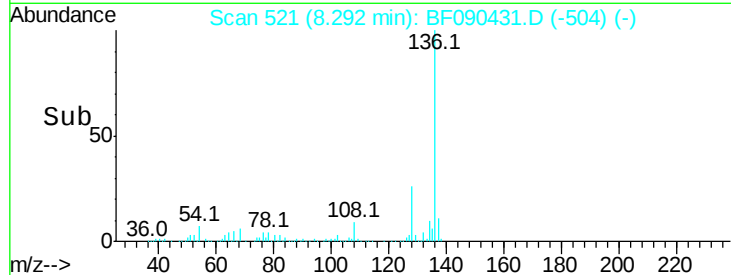
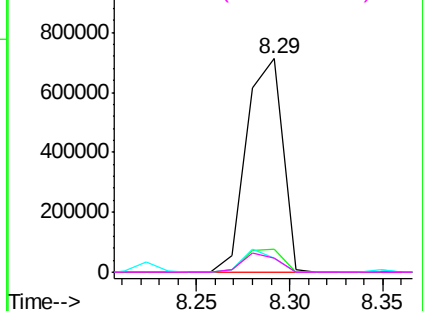
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.6	
54	6.8	6.6	10.0	
68	6.3	5.0	7.6	

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



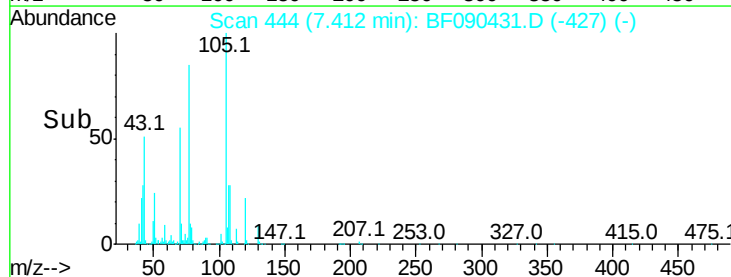
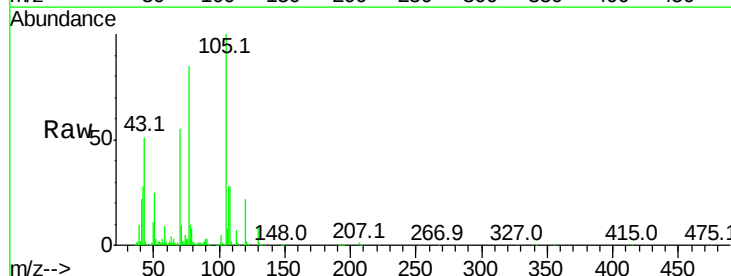
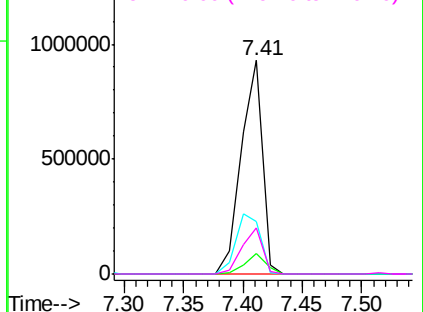
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

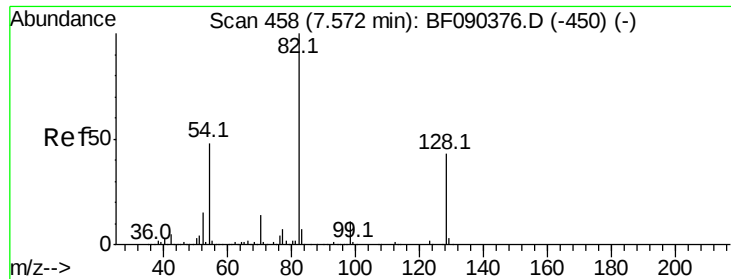


#22
Acetophenone
Concen: 51.19 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.5	3.8	5.6#	
51	24.6	28.2	42.4#	
120	21.8	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





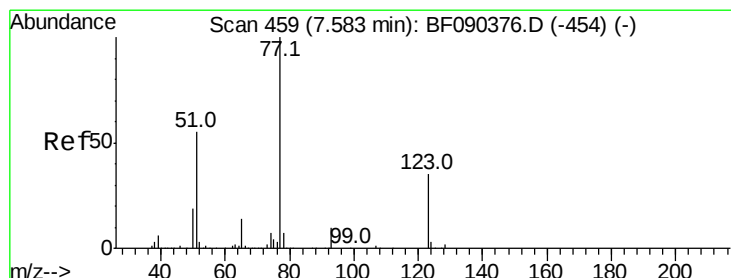
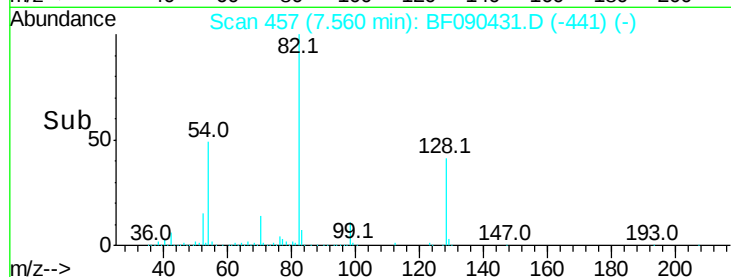
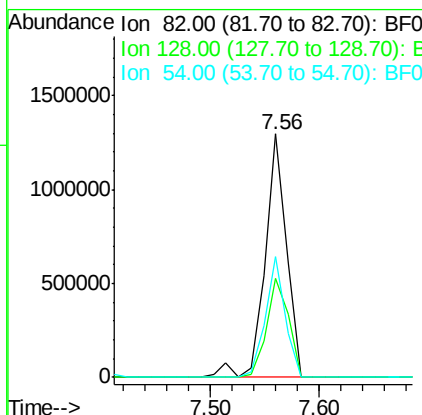
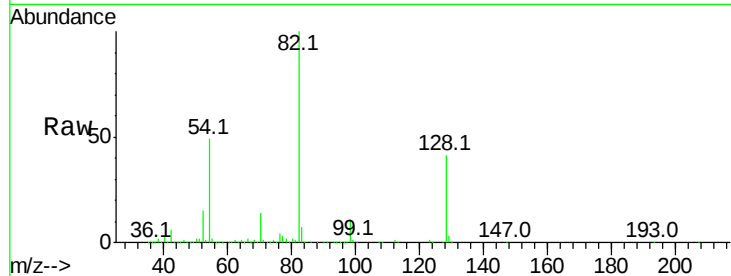
#23
 Nitrobenzene-d5
 Concen: 90.76 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 82 Resp: 1784234
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.0 60.0
 54 49.4 42.6 64.0

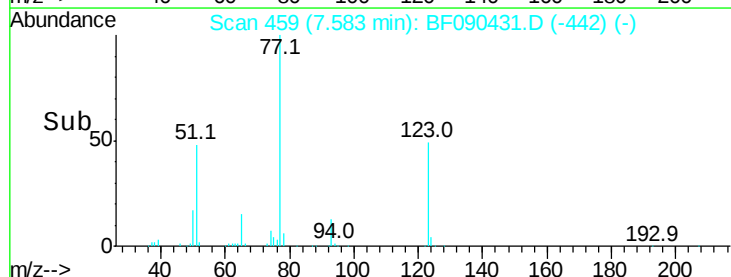
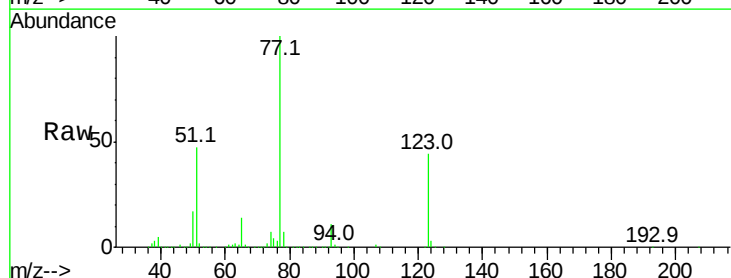
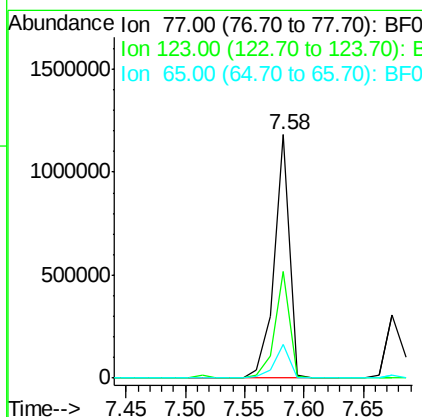
Manual Integrations
 APPROVED

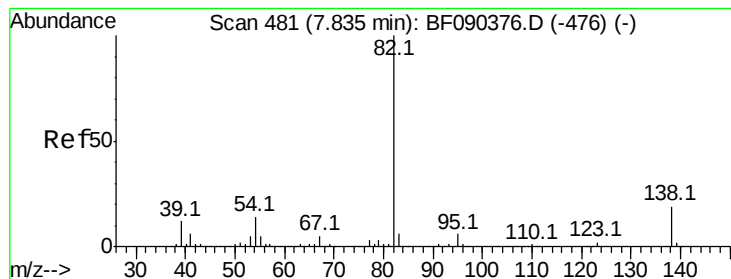
sohil
 10/7/2016 7:02:32 PM



#24
 Nitrobenzene
 Concen: 53.97 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion: 77 Resp: 1053223
 Ion Ratio Lower Upper
 77 100
 123 43.7 33.0 49.4
 65 13.7 12.0 18.0





#25

Isophorone

Concen: 48.10 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 82 Resp: 1728875

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

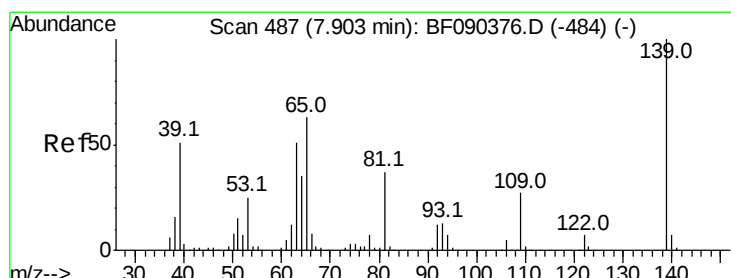
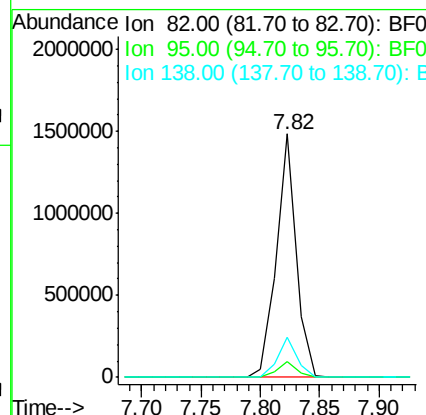
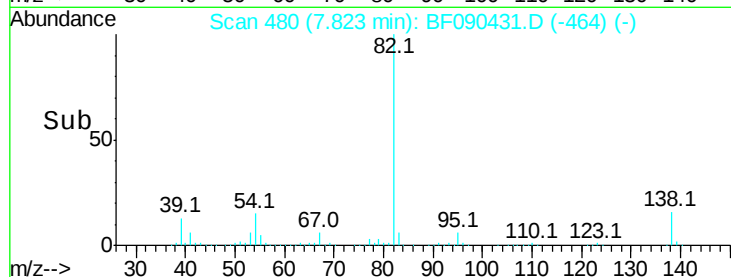
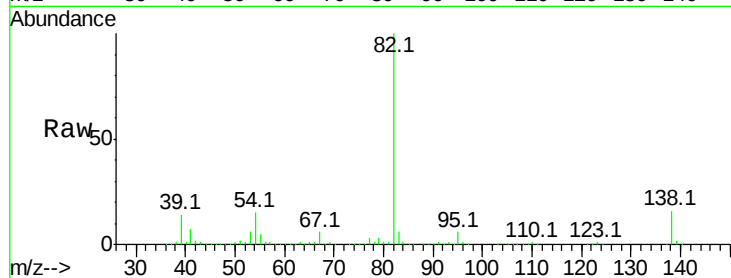
138 16.2 13.0 19.4

Manual Integrations

APPROVED

sohil

10/7/2016 7:02:32 PM



#26

2-Nitrophenol

Concen: 53.82 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

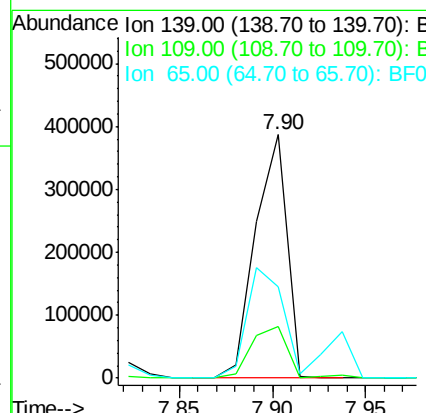
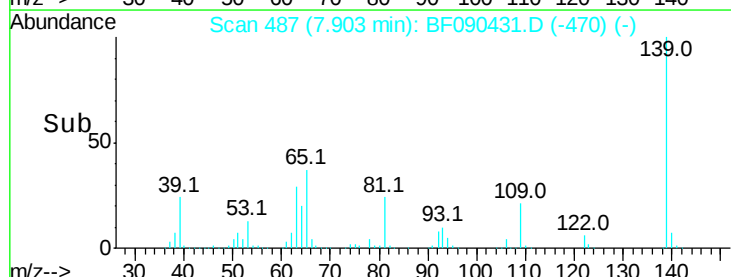
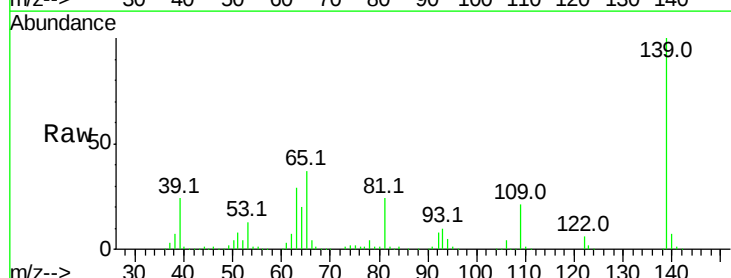
Tgt Ion:139 Resp: 452110

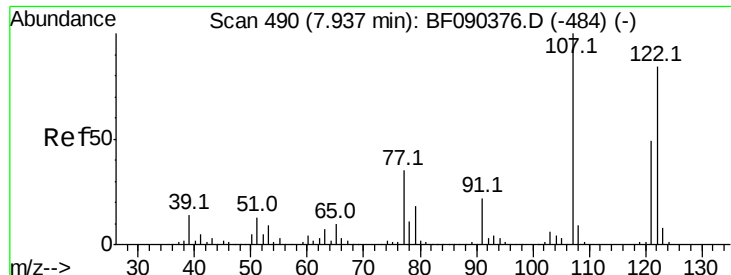
Ion Ratio Lower Upper

139 100

109 21.1 18.9 28.3

65 37.3 31.6 47.4





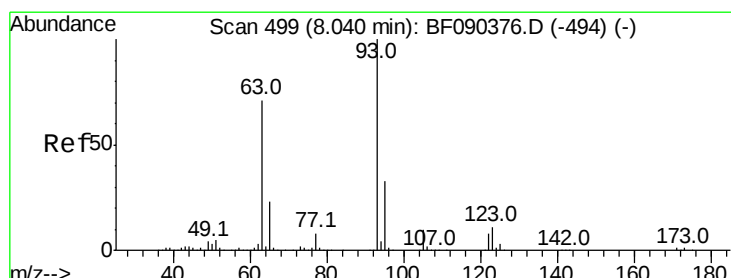
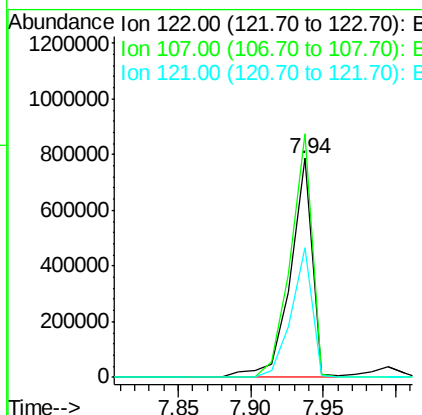
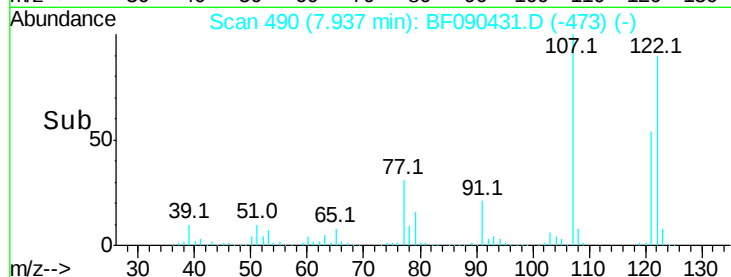
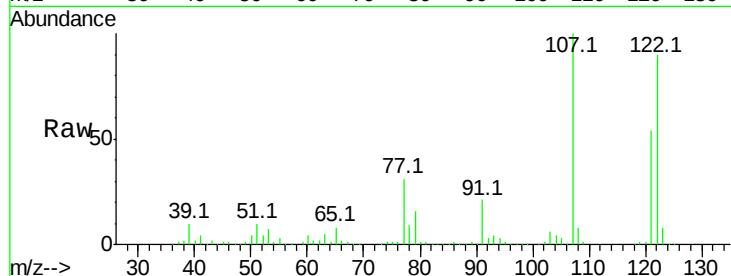
#27
 2,4-Dimethylphenol
 Concen: 50.30 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	821706		
107	111.3		88.6	132.8
121	59.6		47.5	71.3

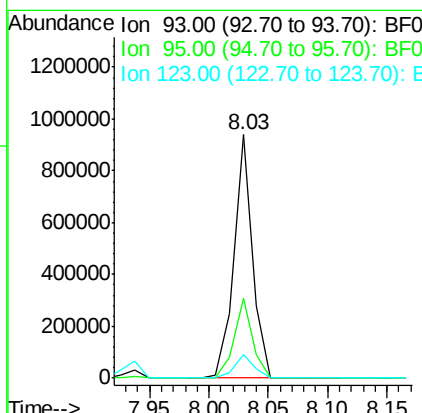
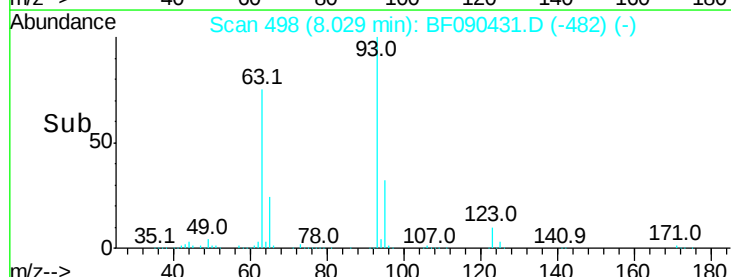
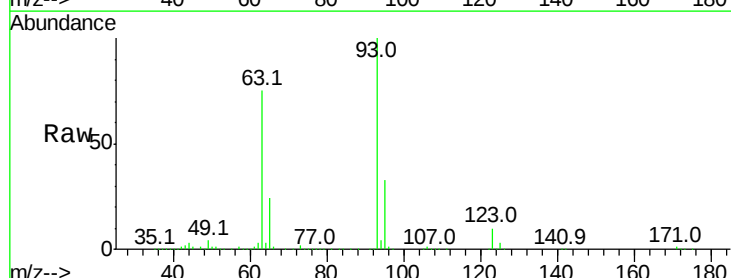
Manual Integrations
 APPROVED

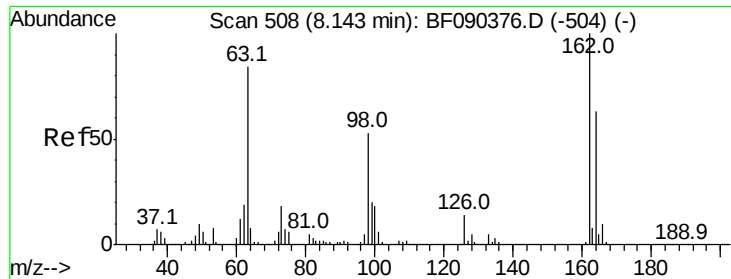
sohil
 10/7/2016 7:02:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.69 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1013749		
95	32.6		27.0	40.4
123	9.7		11.1	16.7#





#29

2,4-Dichlorophenol

Concen: 54.98 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

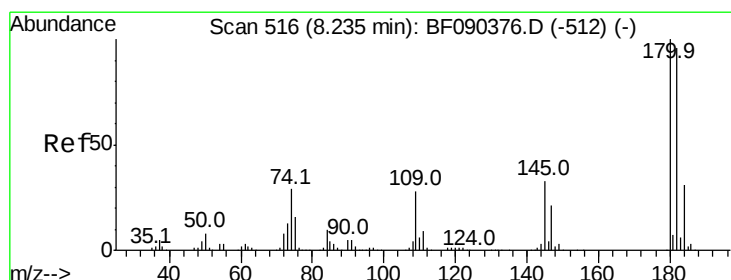
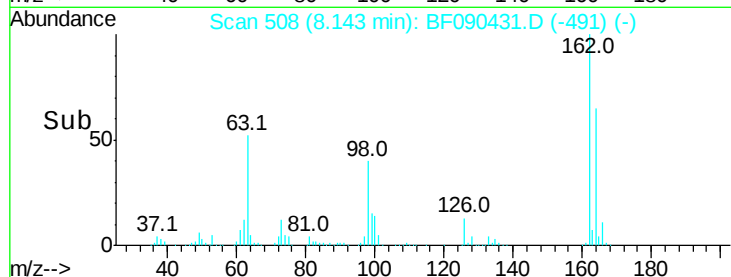
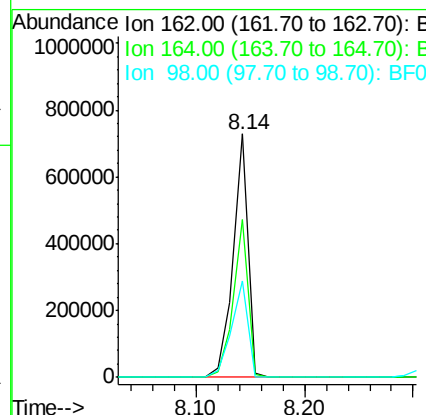
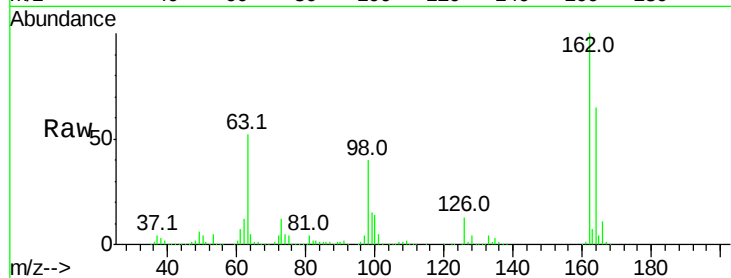
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:	162	Resp:	682811
Ion Ratio	Lower	Upper	
162	100		
164	64.9	45.7	85.7
98	39.7	13.3	53.3

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



#30

1,2,4-Trichlorobenzene

Concen: 50.10 ng

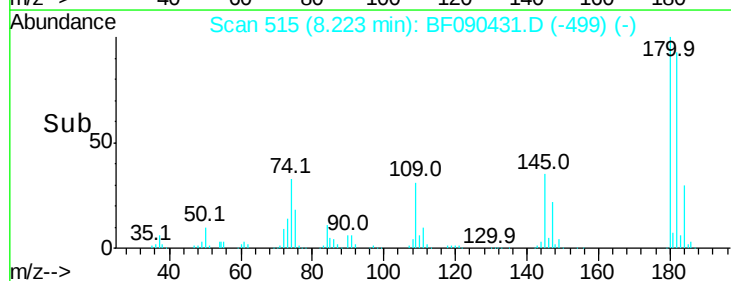
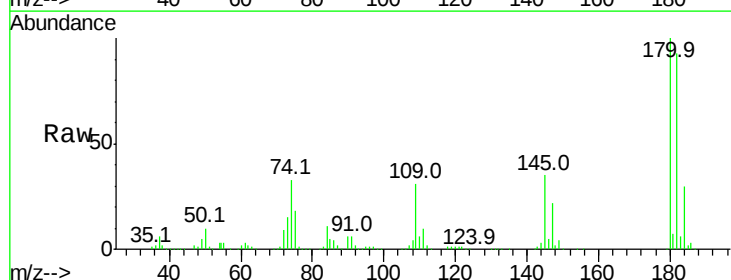
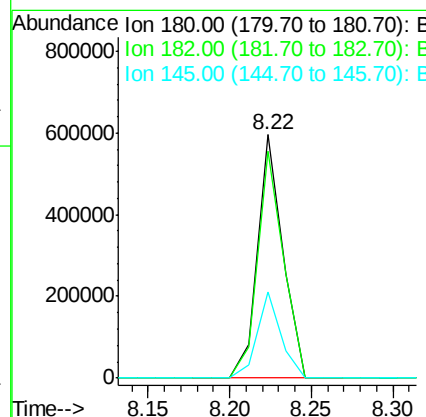
RT: 8.22 min Scan# 515

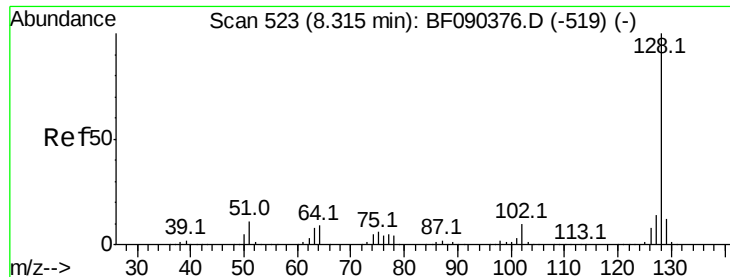
Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:	180	Resp:	641305
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.3	112.9
145	35.2	27.7	41.5





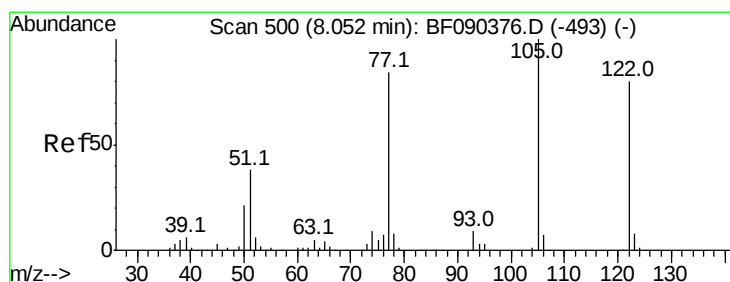
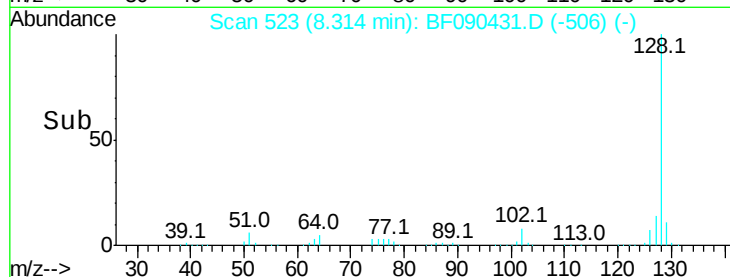
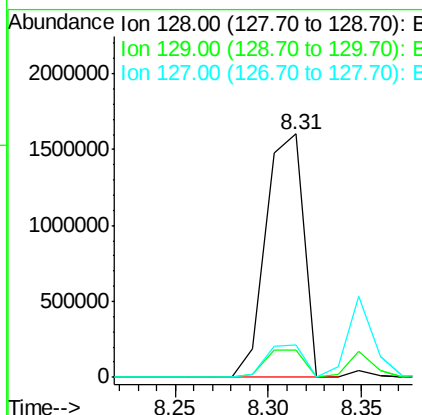
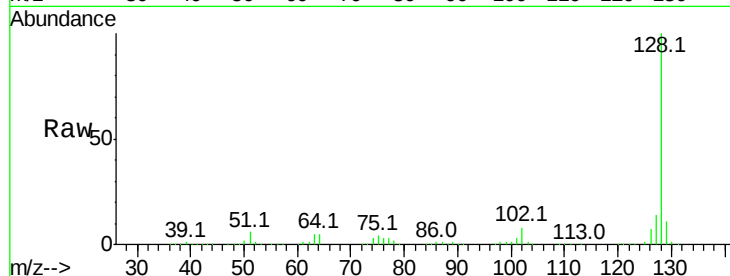
#31
Naphthalene
Concen: 48.73 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:128 Resp: 2248153
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.6 11.7 17.5

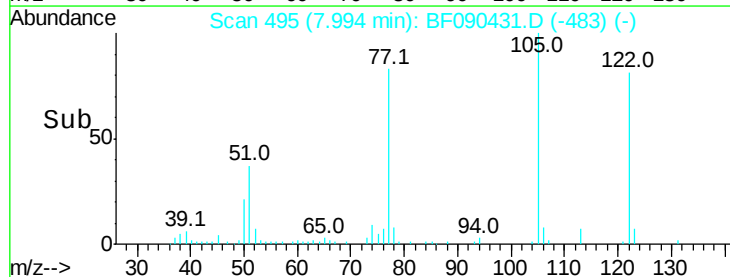
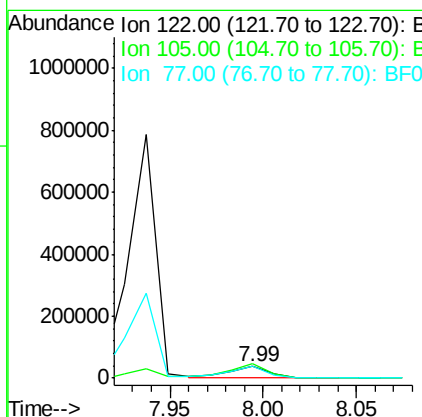
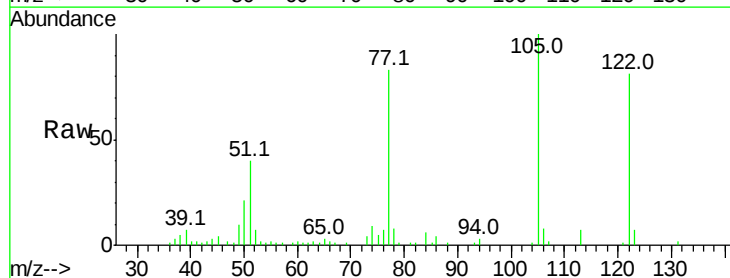
Manual Integrations
APPROVED

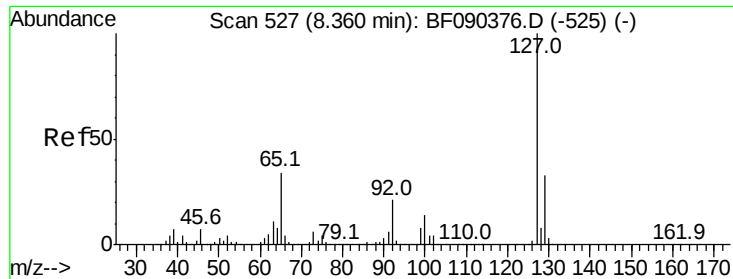
sohil
10/7/2016 7:02:32 PM



#32
Benzoic acid
Concen: 4.90 ng
RT: 7.99 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:122 Resp: 55685
Ion Ratio Lower Upper
122 100
105 122.8 103.9 143.9
77 101.7 74.6 114.6





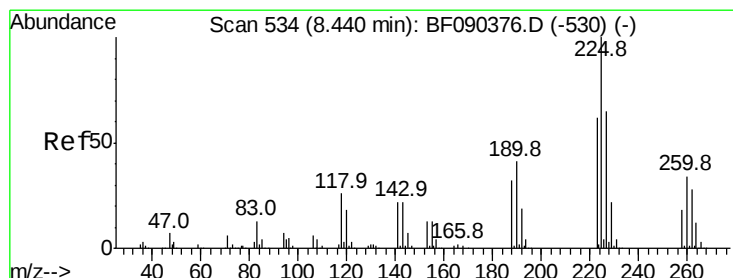
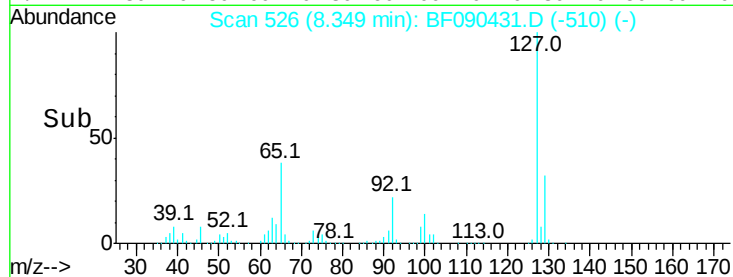
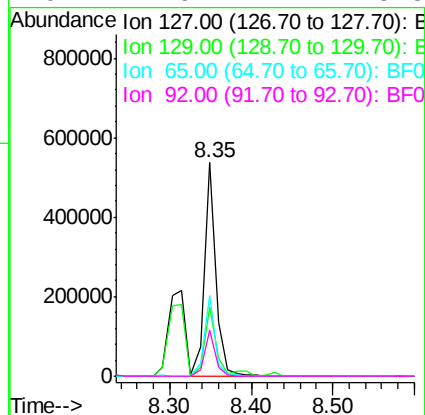
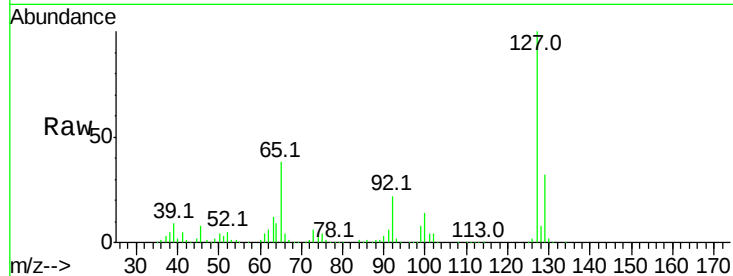
#33
4-Chloroaniline
Concen: 28.04 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.4		
65	38.0	32.5	48.7		
92	21.6	17.2	25.8		

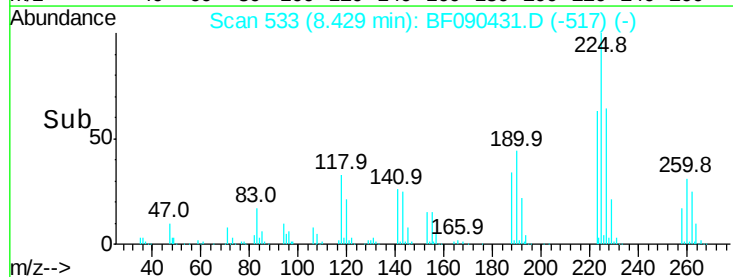
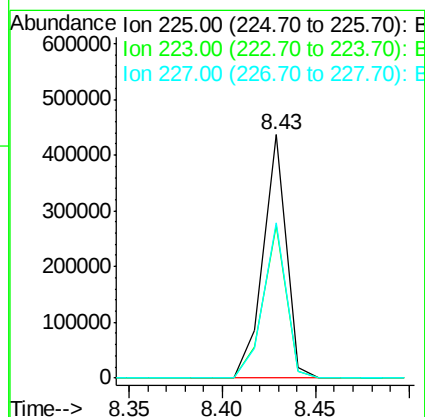
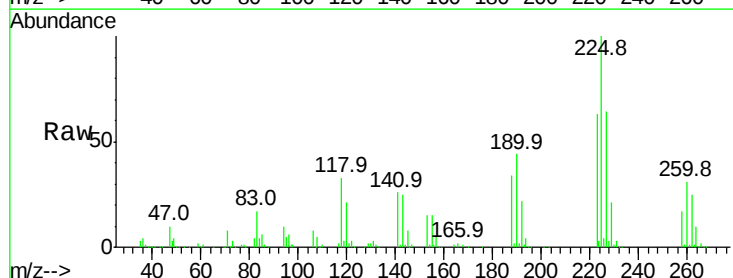
Manual Integrations
APPROVED

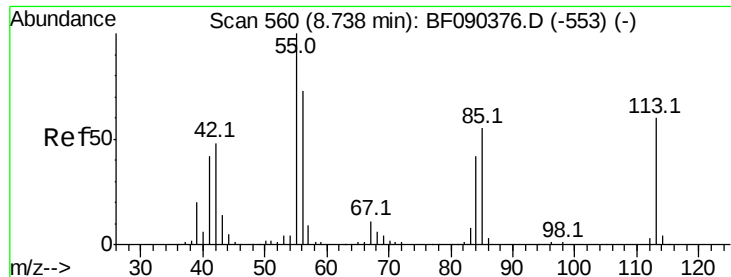
sohil
10/7/2016 7:02:32 PM



#34
Hexachlorobutadiene
Concen: 52.10 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.4		
227	63.8	50.8	76.2		





#35

Caprolactam

Concen: 52.27 ng/mL

RT: 8.73 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

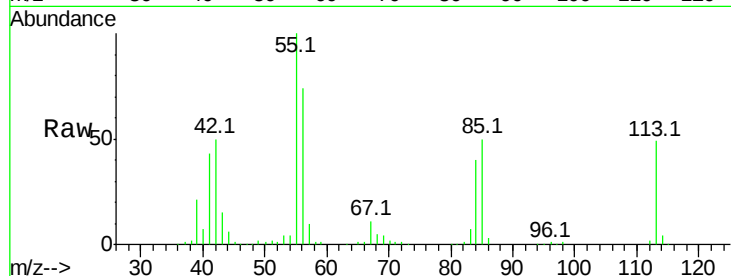
ClientSampleID :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.7	203.3	243.3#
56	149.1	140.5	180.5

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

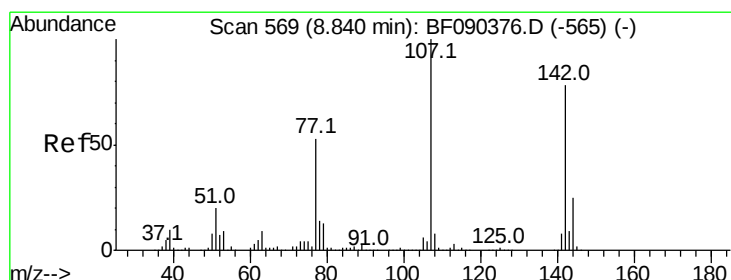
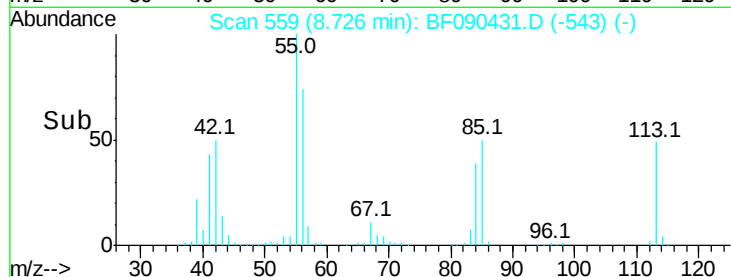
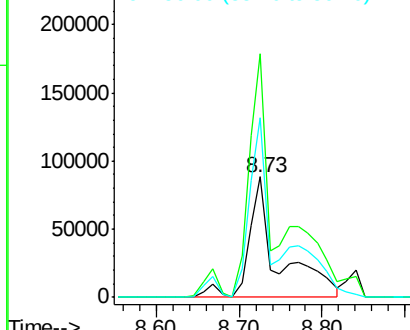


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.45 ng/mL

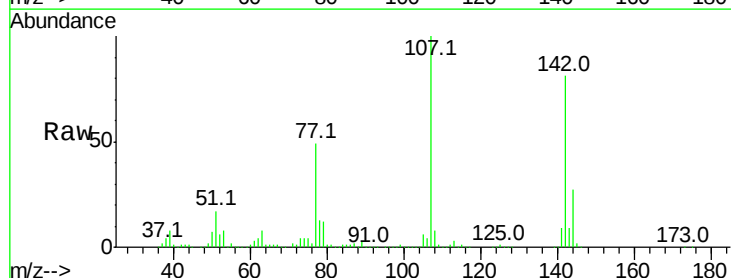
RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.8	29.8
142	81.3	60.7	91.1

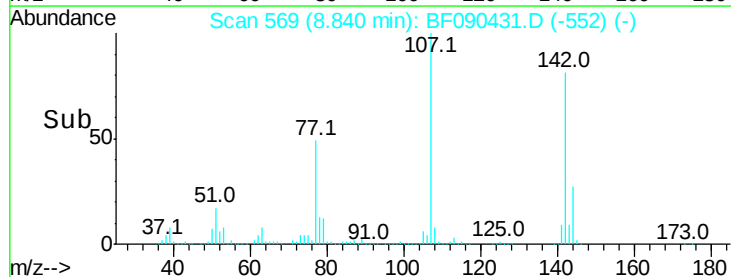
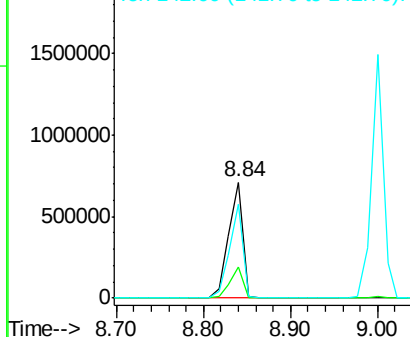


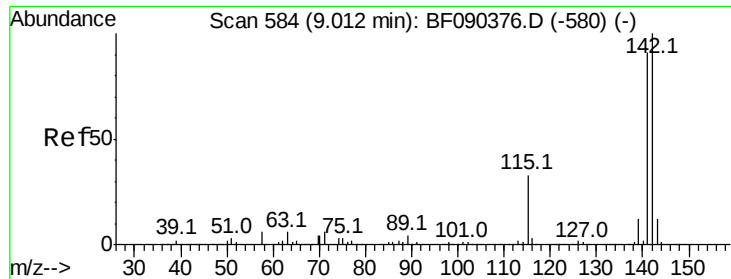
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





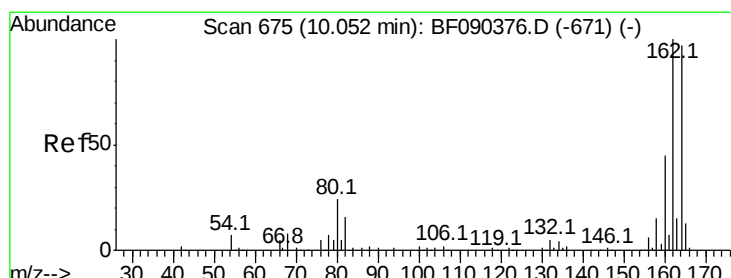
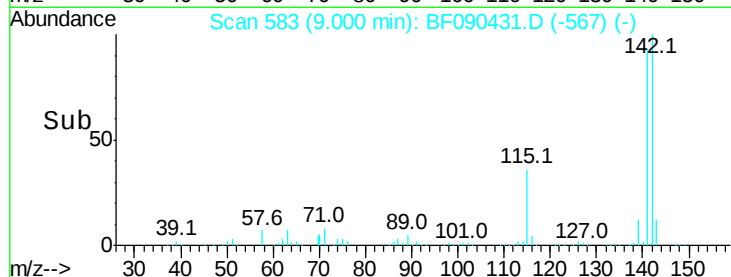
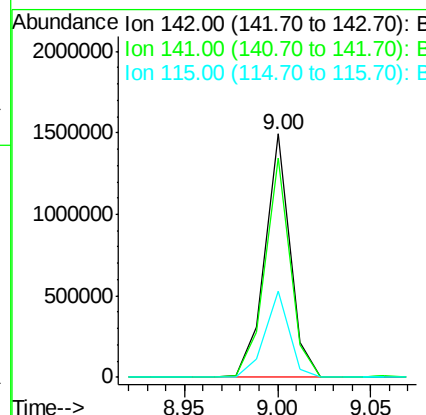
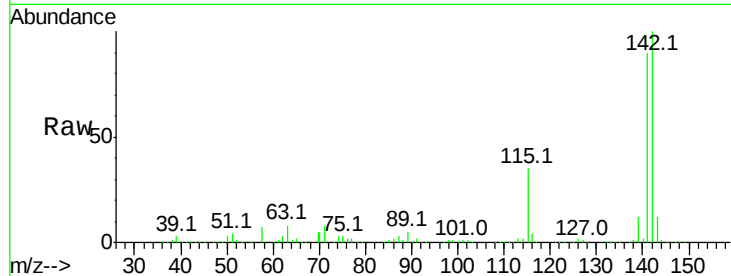
#37
2-Methylnaphthalene
Concen: 50.05 ng
RT: 9.00 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.8
115	35.4	28.8	43.2

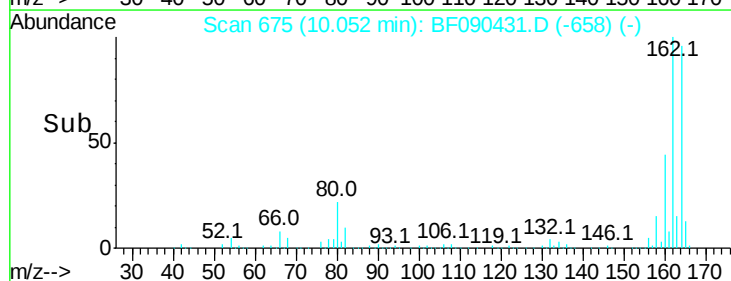
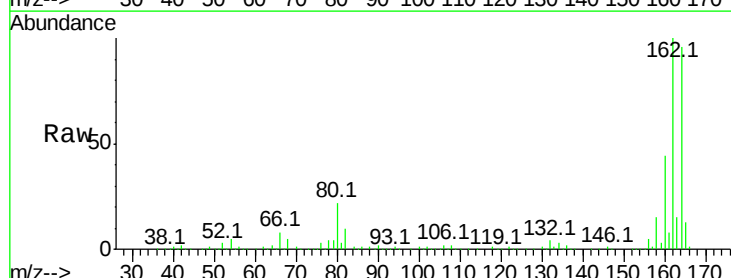
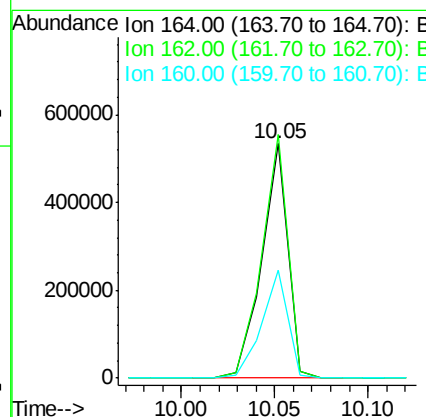
Manual Integrations
APPROVED

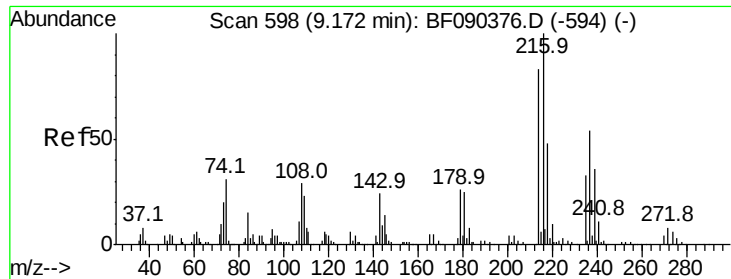
sohil
10/7/2016 7:02:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.1	120.1
160	45.9	36.3	54.5





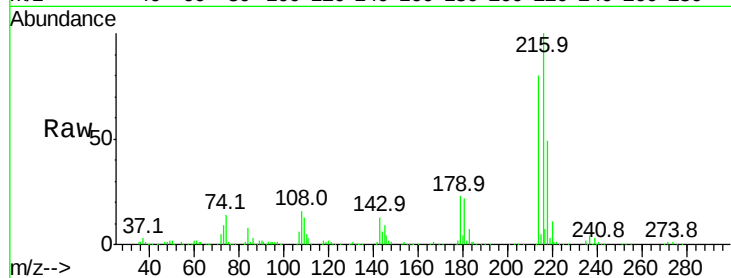
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.90 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

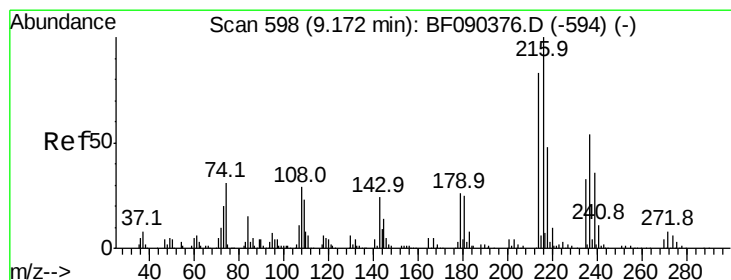
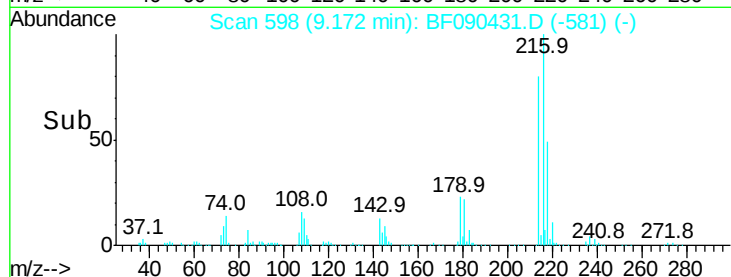
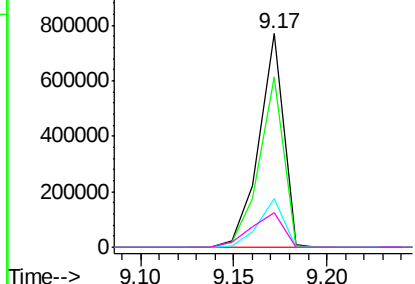
Tot Ion	Ratio	Resp	Lower	Upper
216	100	701871		
214	79.8	64.2	96.2	
179	23.2	18.0	27.0	
108	21.6	15.2	22.8	

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

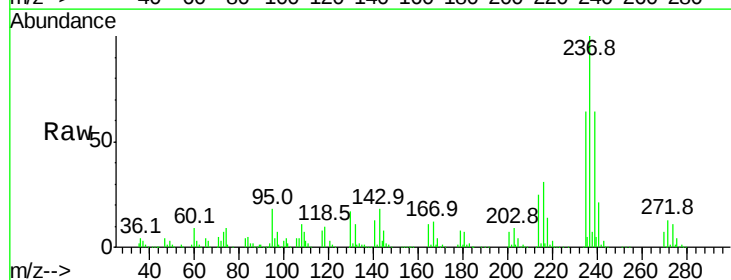


Abundance Ion 216.00 (215.70 to 216.70): E
1200000
Ion 214.00 (213.70 to 214.70): E
1000000
Ion 179.00 (178.70 to 179.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
400000
200000
0

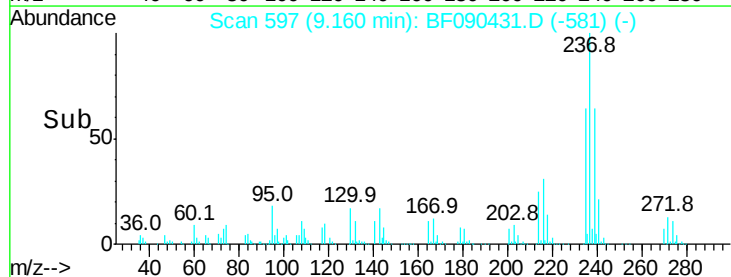
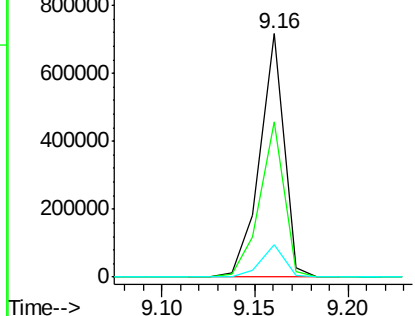


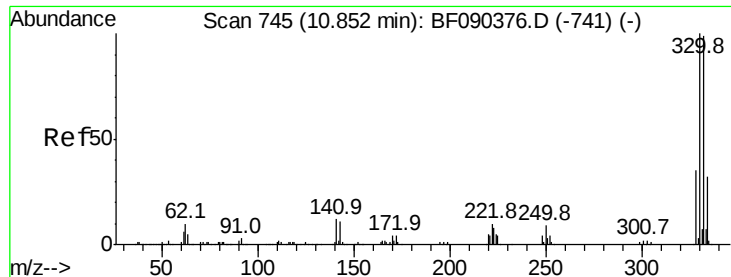
#40
Hexachlorocyclopentadiene
Concen: 87.16 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	646073		
235	64.0	43.6	83.6	
272	13.1	0.0	32.7	



Abundance Ion 236.80 (236.50 to 237.50): E
1000000
Ion 234.90 (234.60 to 235.60): E
800000
Ion 271.75 (271.45 to 272.45): E
600000
400000
200000
0





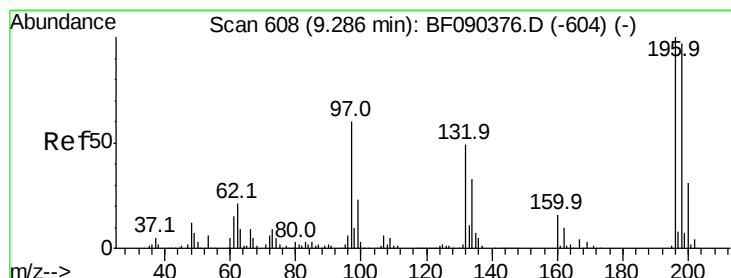
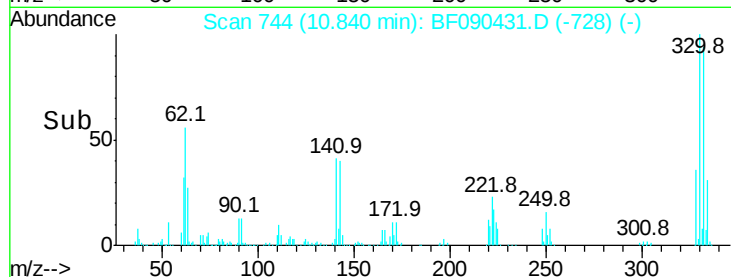
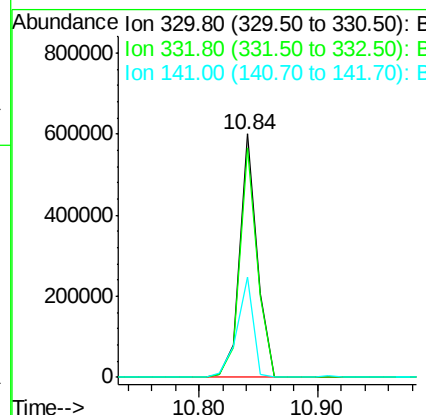
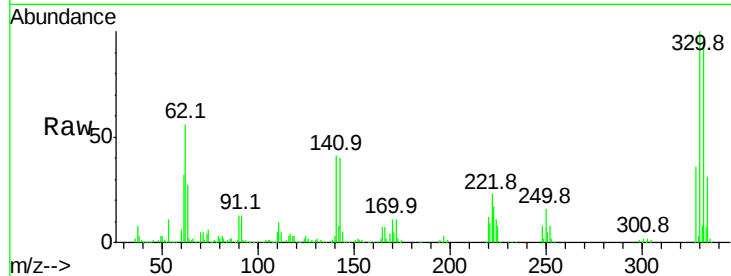
#41
 2,4,6-Tribromophenol
 Concen: 148.06 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	617543		
332	94.8	75.4	113.0	
141	38.1	26.9	40.3	

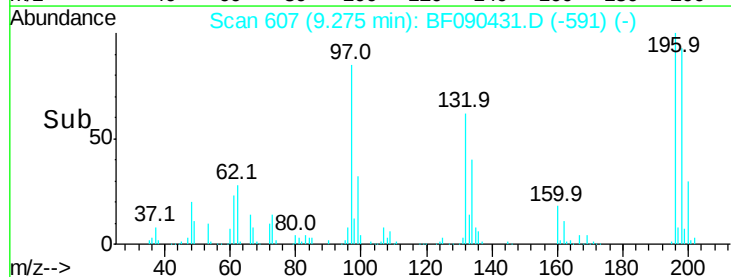
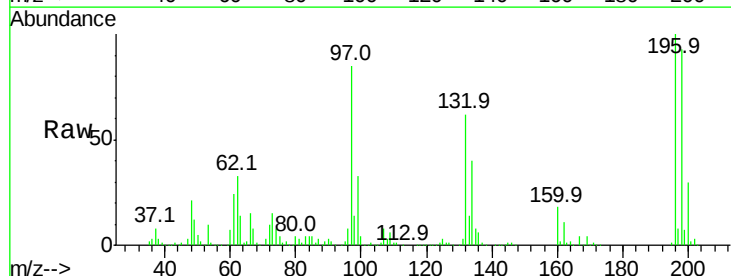
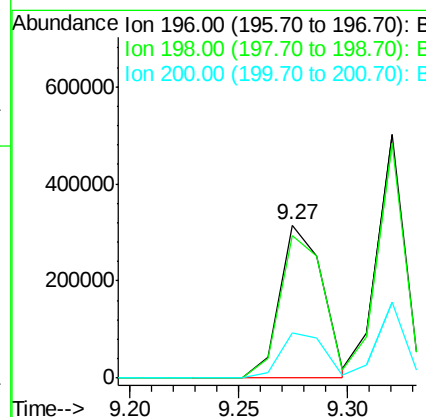
Manual Integrations
 APPROVED

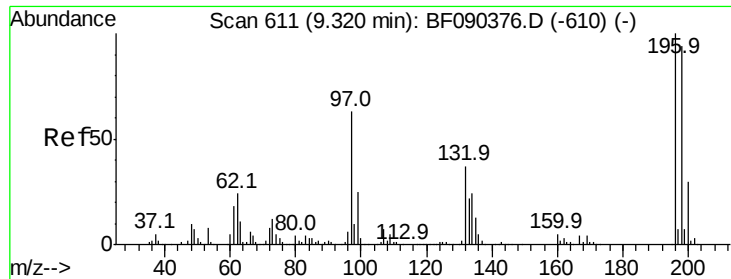
sohil
 10/7/2016 7:02:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	431355		
198	93.2	78.9	118.3	
200	29.7	25.4	38.2	





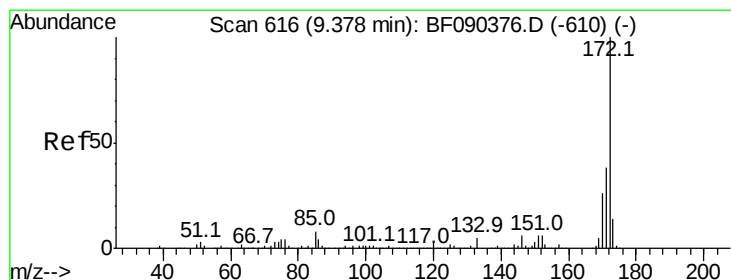
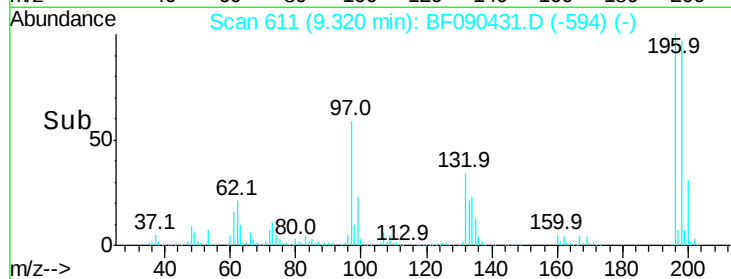
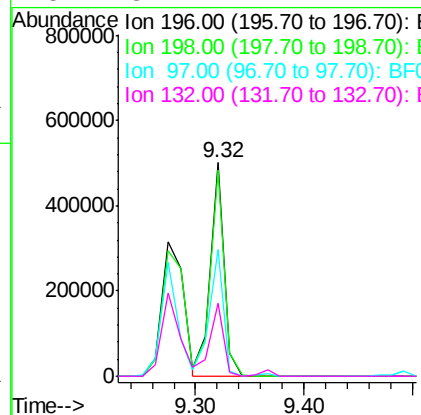
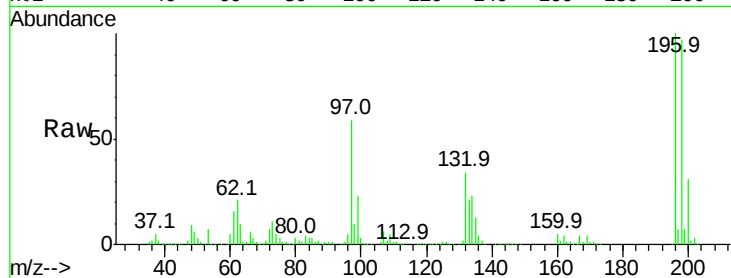
#43
 2,4,5-Trichlorophenol
 Concen: 50.63 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:	196	Resp:	446734
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.1	117.1
97	59.4	48.1	72.1
132	34.1	27.4	41.2

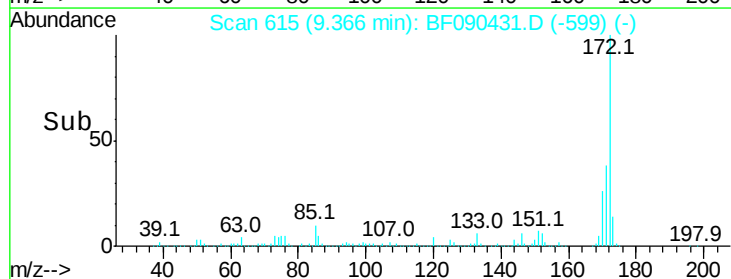
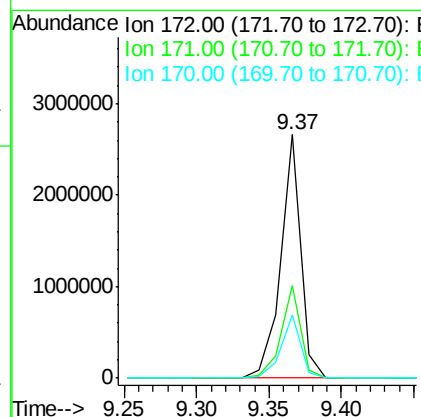
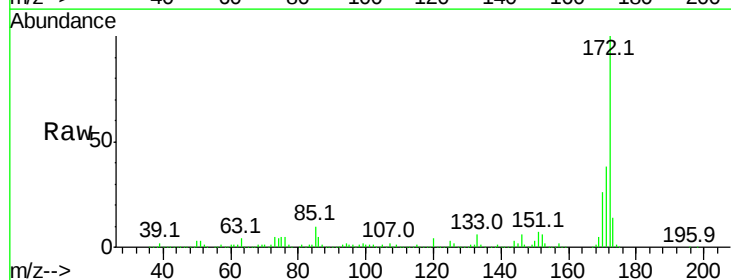
Manual Integrations
 APPROVED

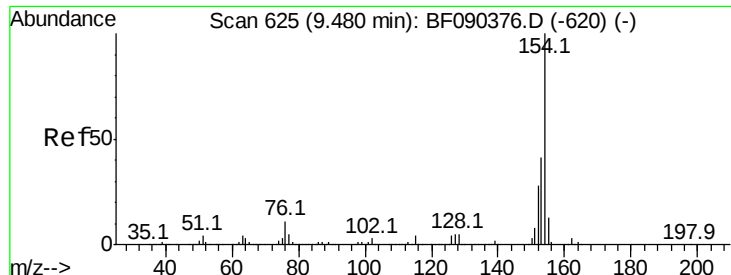
sohil
 10/7/2016 7:02:32 PM



#44
 2-Fluorobiphenyl
 Concen: 82.28 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:	172	Resp:	2533141
Ion Ratio	Lower	Upper	
172	100		
171	38.2	31.8	47.8
170	26.1	21.7	32.5





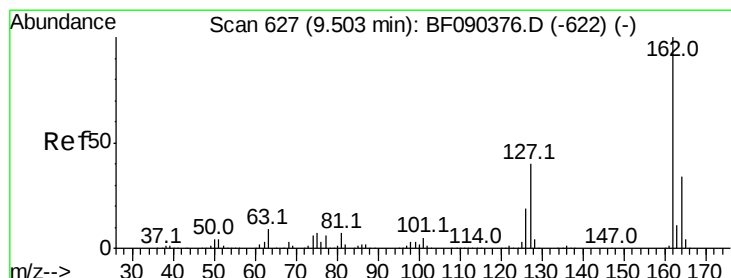
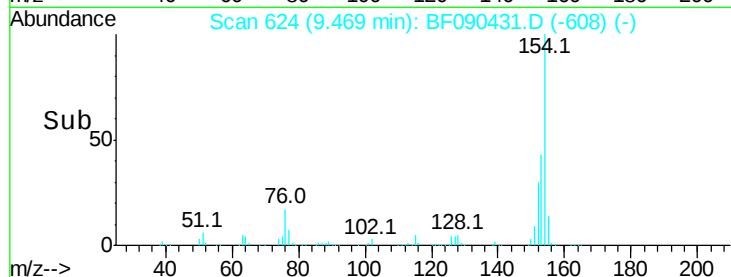
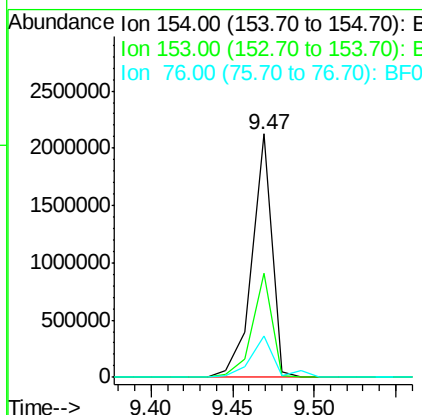
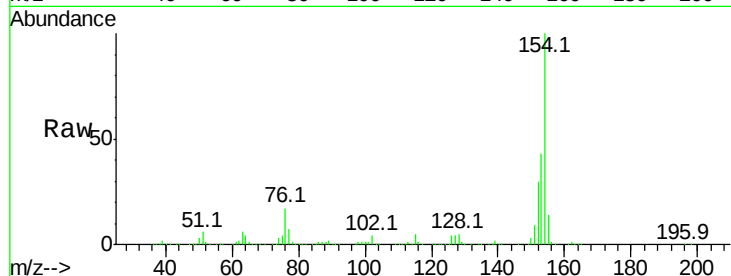
#45
1,1'-Biphenyl
Concen: 47.36 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.8	63.8
76	16.9	0.0	35.8

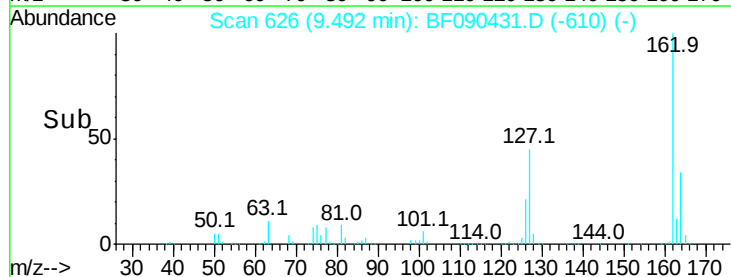
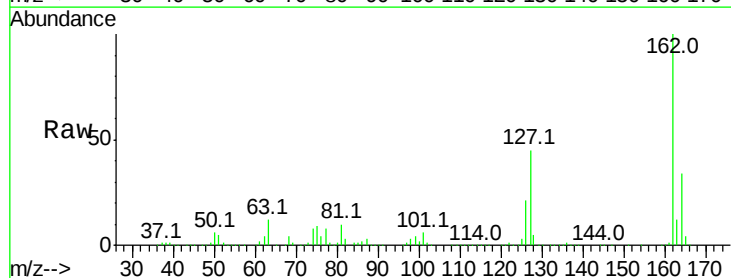
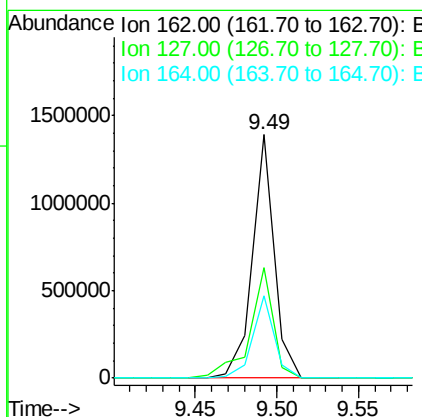
Manual Integrations
APPROVED

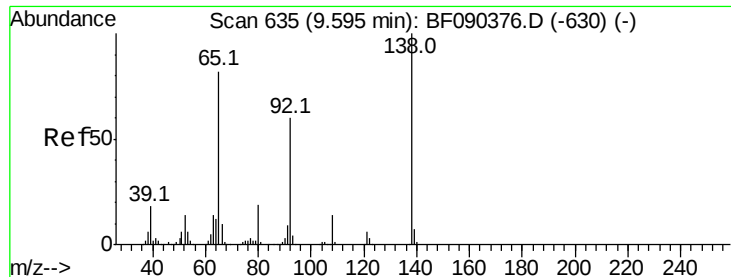
sohil
10/7/2016 7:02:32 PM



#46
2-Chloronaphthalene
Concen: 46.10 ng
RT: 9.49 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.3	35.6	53.4
164	33.7	27.5	41.3





#47

2-Nitroaniline

Concen: 46.25 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

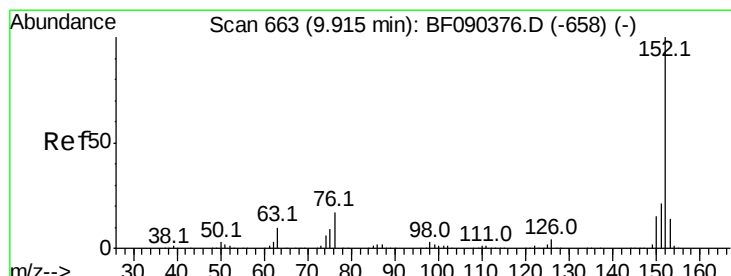
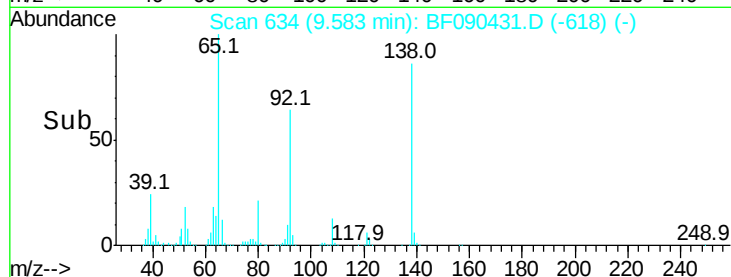
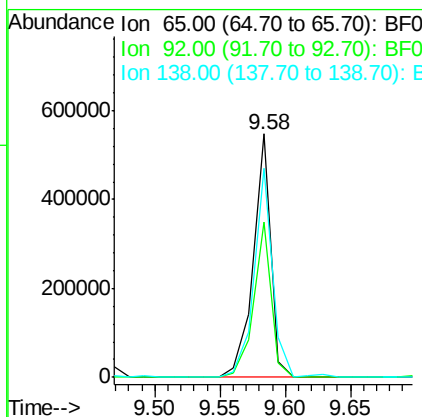
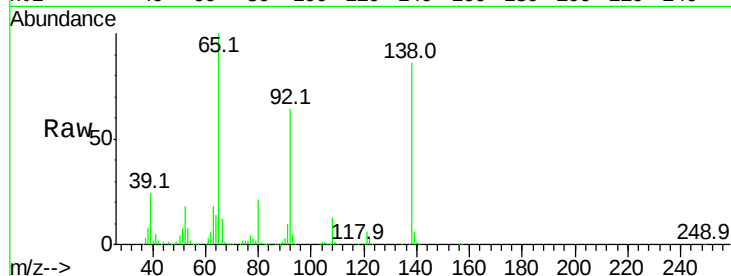
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:	65	Resp:	512494
Ion Ratio	Lower	Upper	
65	100		
92	63.8	51.7	77.5
138	86.1	79.0	118.4

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



#48

Acenaphthylene

Concen: 47.93 ng

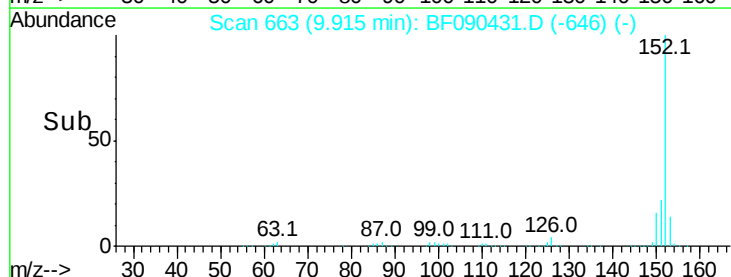
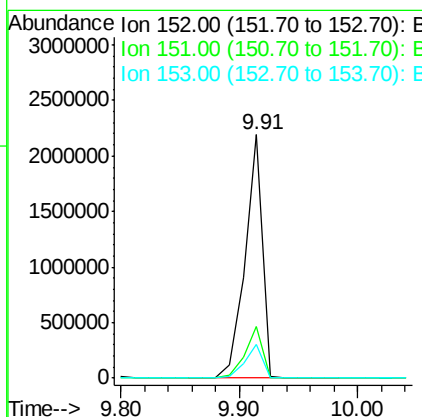
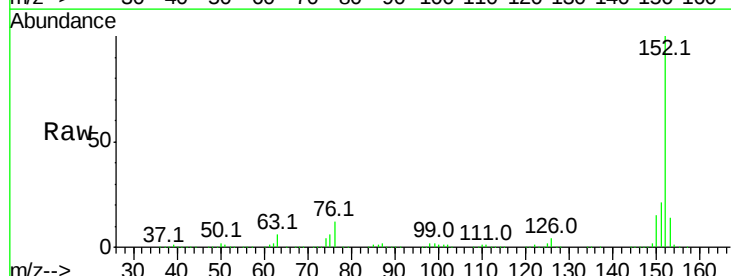
RT: 9.91 min Scan# 663

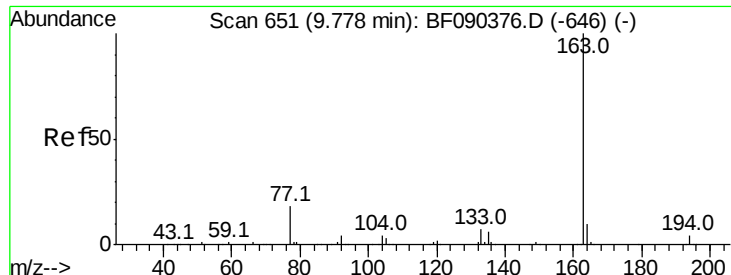
Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:	152	Resp:	2221005
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.4	26.0
153	14.0	11.6	17.4





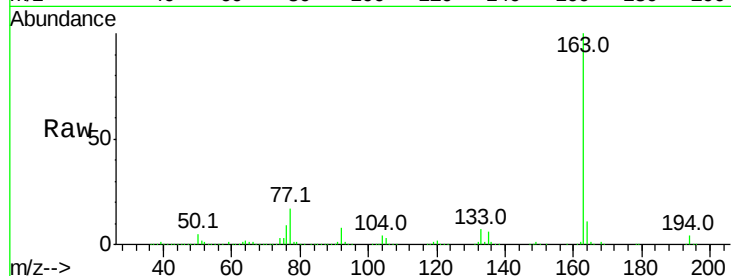
#49
Dimethylphthalate
Concen: 92.67 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

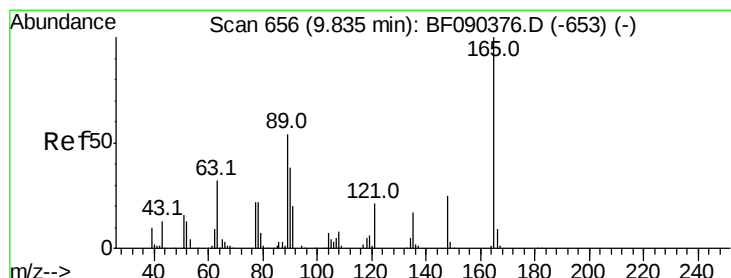
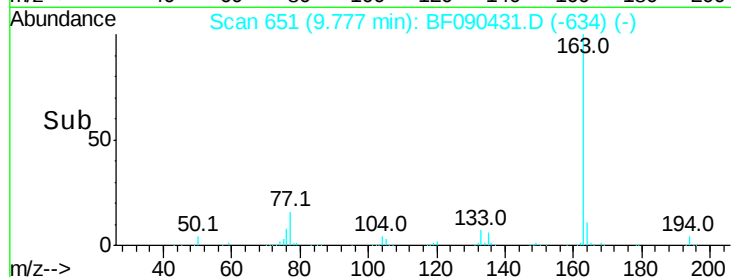
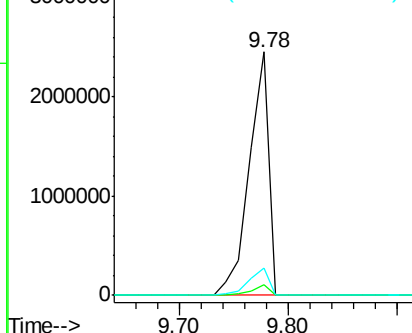
Tot Ion:163 Resp: 3044307
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 11.0 9.0 13.4

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

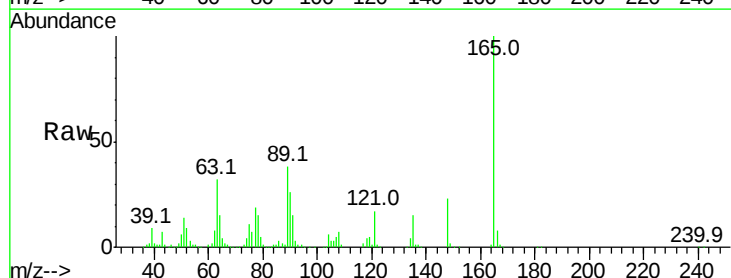


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

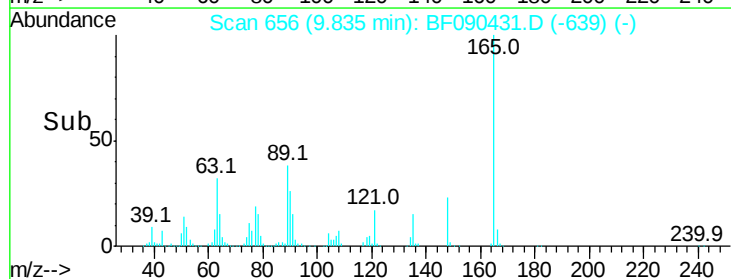
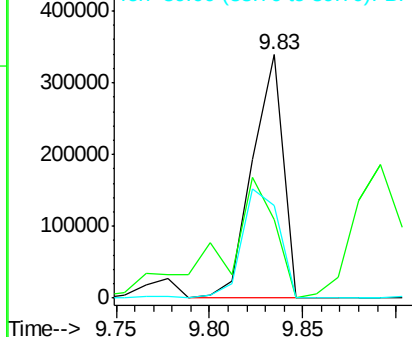


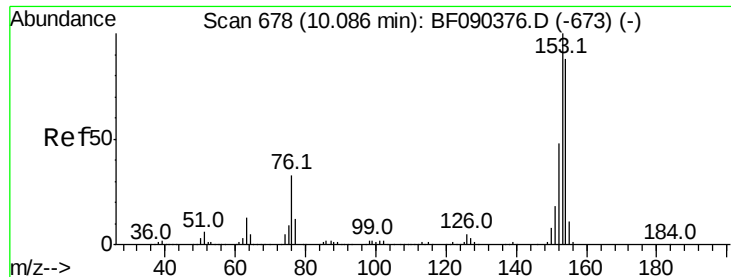
#50
2,6-Dinitrotoluene
Concen: 52.74 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:165 Resp: 384644
Ion Ratio Lower Upper
165 100
63 32.4 58.0 87.0#
89 37.8 51.2 76.8#



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





#51

Acenaphthene

Concen: 50.21 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:154 Resp: 1450733

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

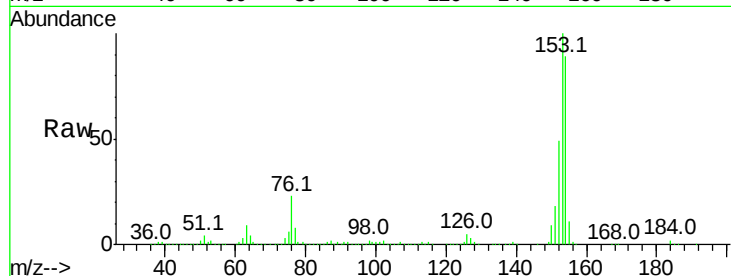
152 55.2 42.6 64.0

Manual Integrations

APPROVED

sohil

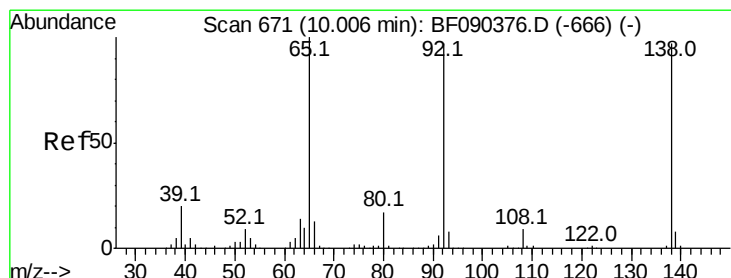
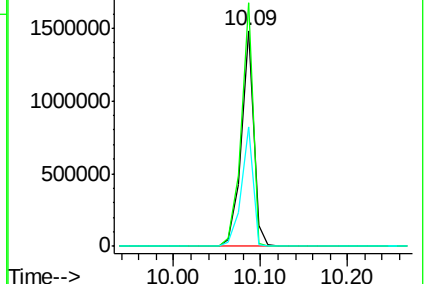
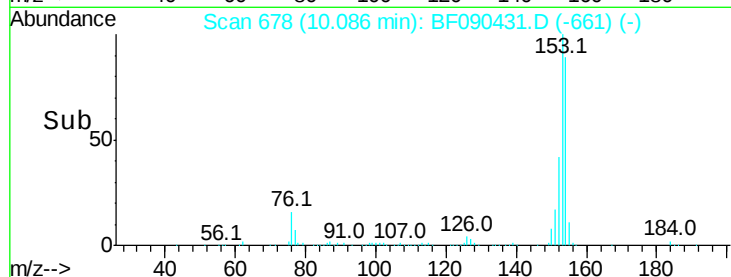
10/7/2016 7:02:32 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.47 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

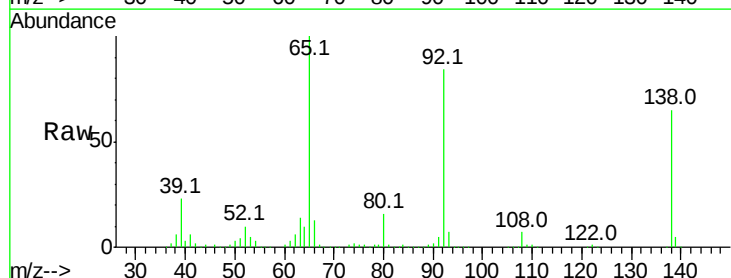
Tgt Ion:138 Resp: 285174

Ion Ratio Lower Upper

138 100

108 10.7 9.7 14.5

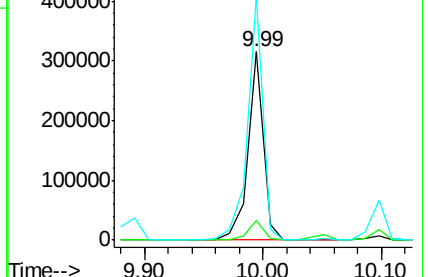
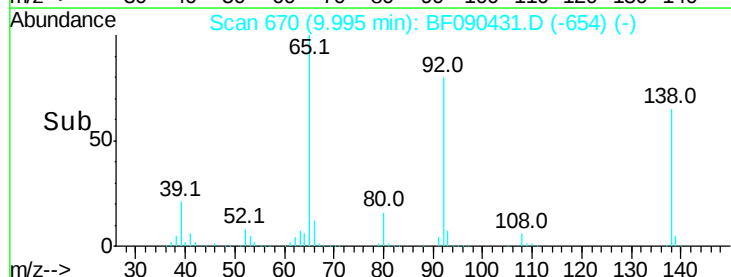
92 129.4 97.1 145.7

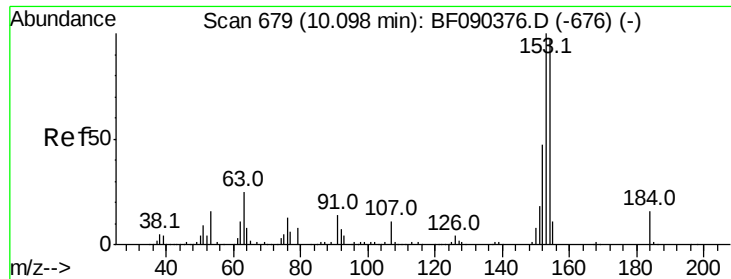


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





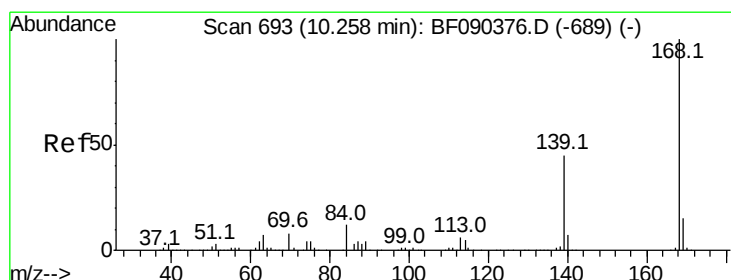
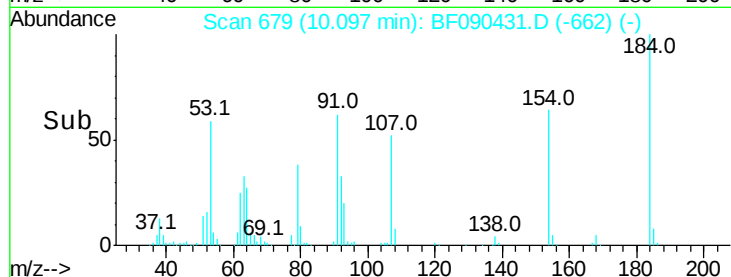
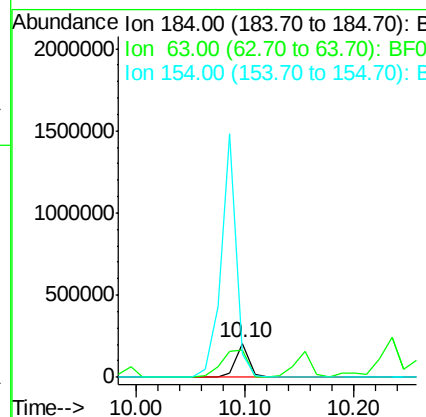
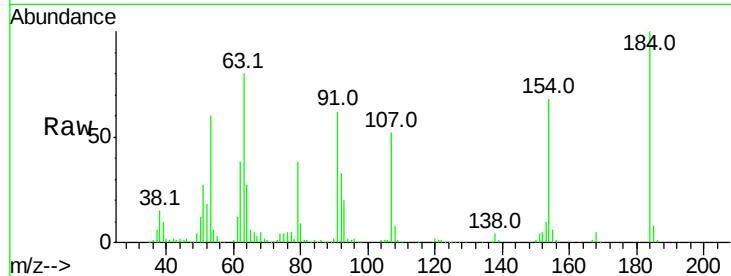
#53
2,4-Dinitrophenol
Concen: 55.14 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	179319		
63	80.4	41.9	62.9#	
154	67.6	48.9	73.3	

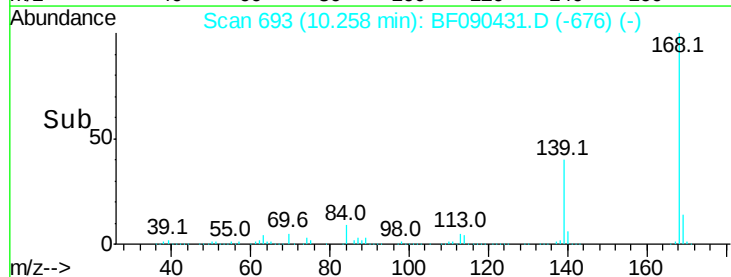
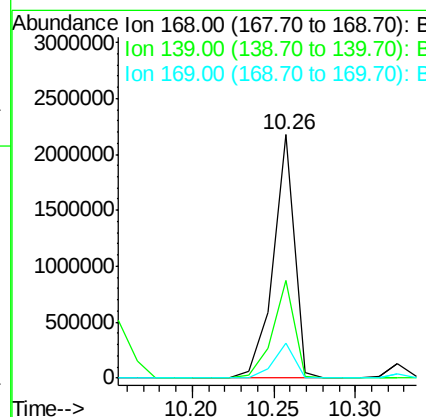
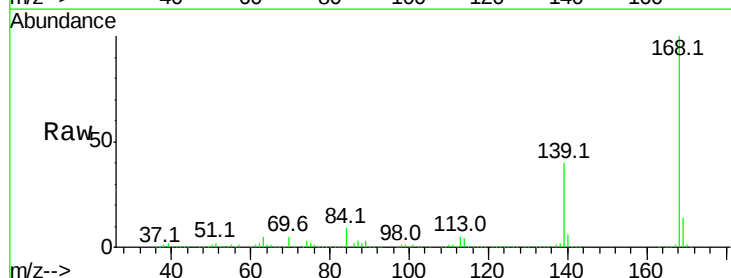
Manual Integrations
APPROVED

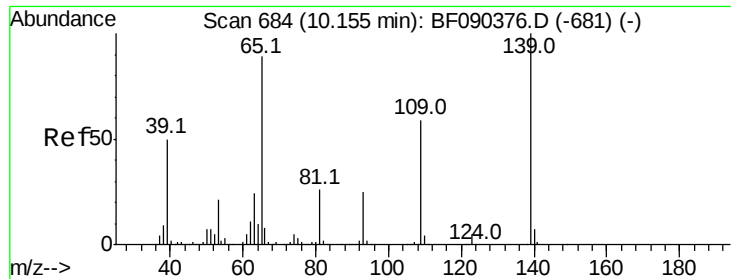
sohil
10/7/2016 7:02:32 PM



#54
Dibenzofuran
Concen: 52.69 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1970279		
139	40.3	29.6	44.4	
169	14.3	11.3	16.9	





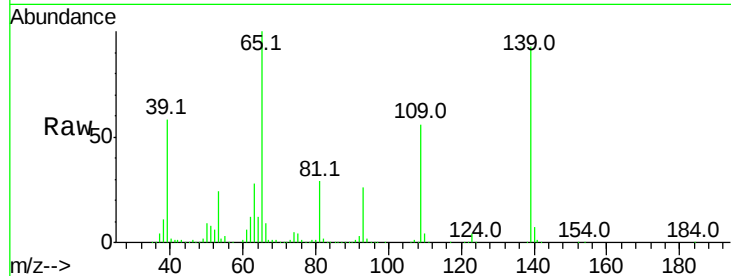
#55
4-Nitrophenol
Concen: 82.88 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

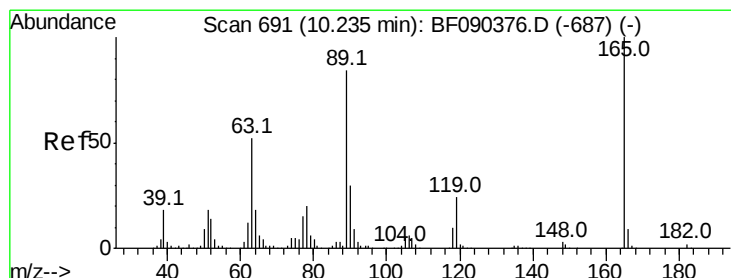
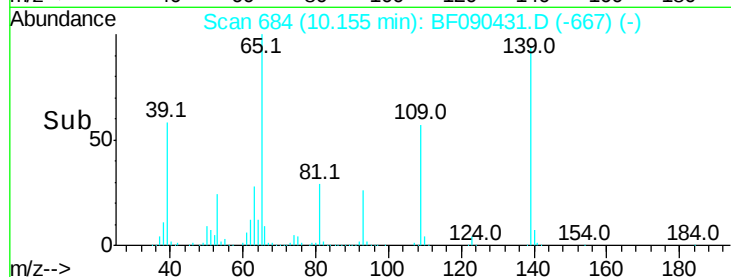
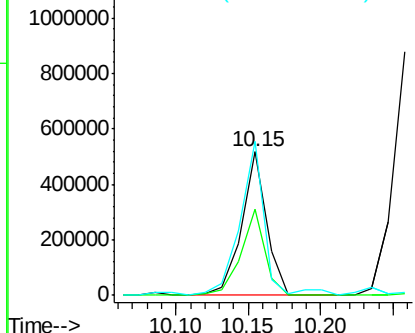
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.4	43.6	83.6	
65	107.2	87.5	127.5	

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



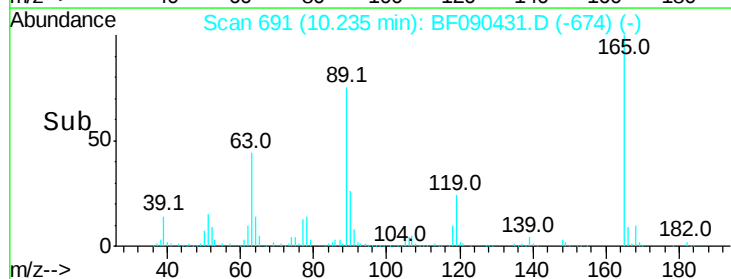
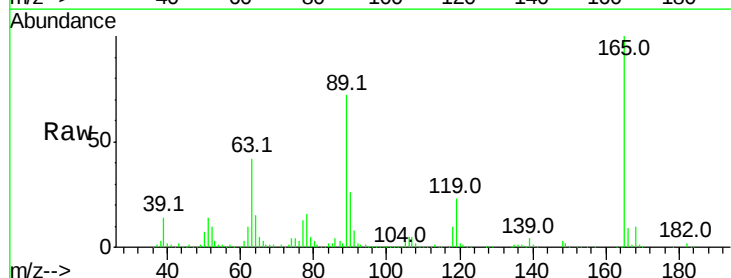
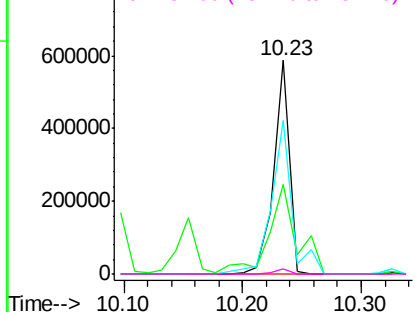
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

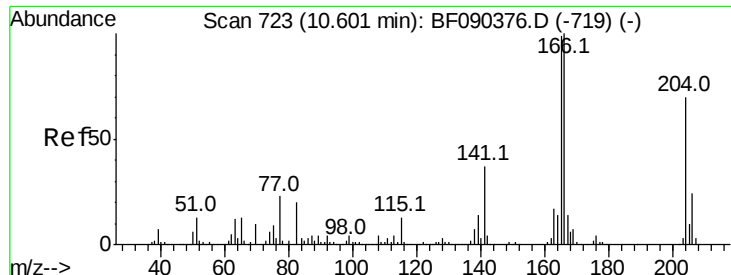


#56
2,4-Dinitrotoluene
Concen: 55.68 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.1	17.8	26.6#	
89	71.9	33.2	49.8#	
182	2.3	2.1	3.1	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57
Fluorene
 Concen: 49.05 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

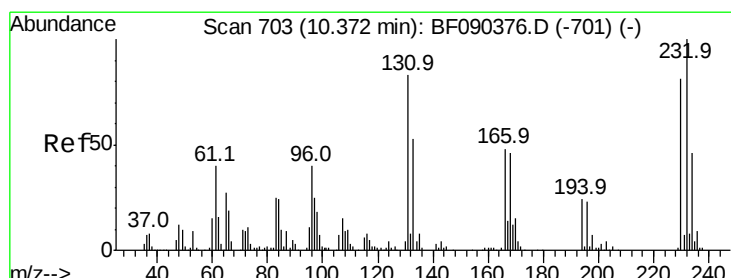
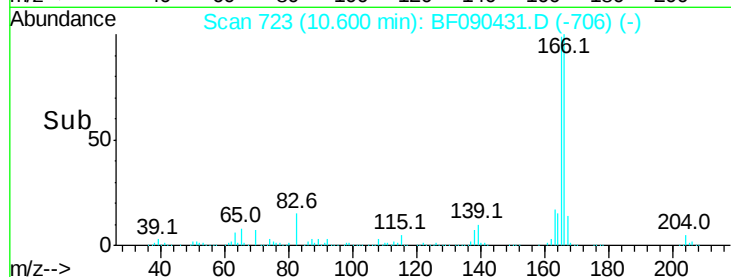
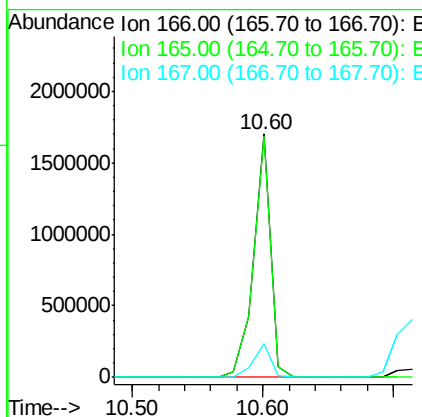
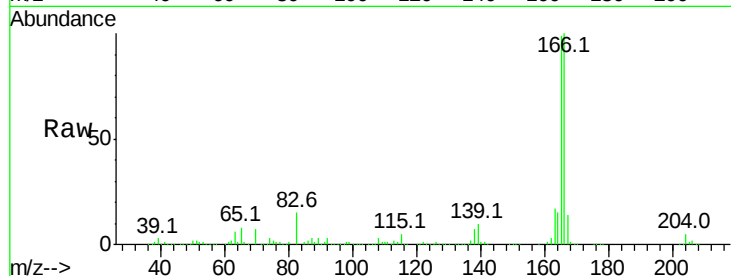
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:166 Resp: 1541539

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.2	118.8
167	14.1	11.1	16.7

Manual Integrations
 APPROVED

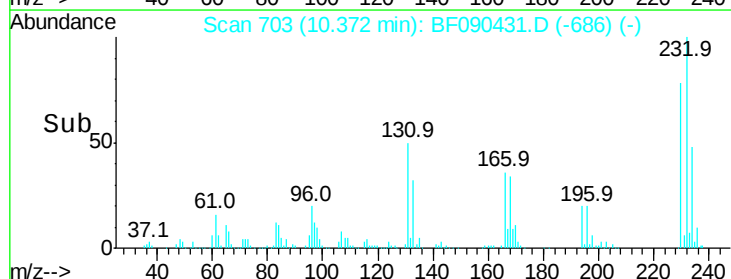
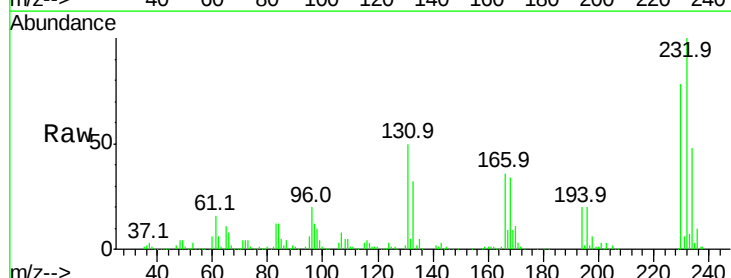
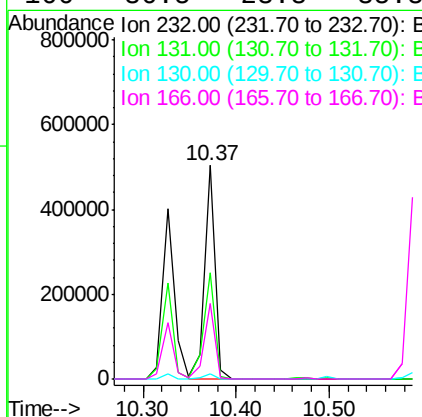
sohil
 10/7/2016 7:02:32 PM

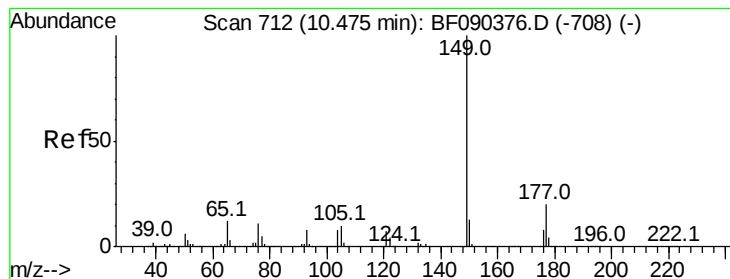


#58
2,3,4,6-Tetrachlorophenol
 Concen: 61.18 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:232 Resp: 403199

Ion	Ratio	Lower	Upper
232	100		
131	53.2	34.5	51.7#
130	2.4	1.6	2.4
166	36.5	23.8	35.8#





#59

Diethylphthalate

Concen: 51.78 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:149 Resp: 1760082

Ion Ratio Lower Upper

149 100

177 23.0 21.1 31.7

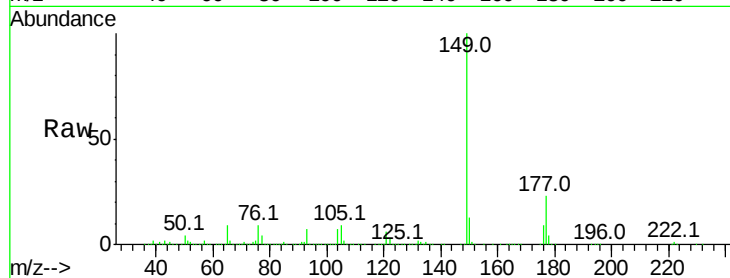
150 12.9 10.2 15.2

Manual Integrations

APPROVED

sohil

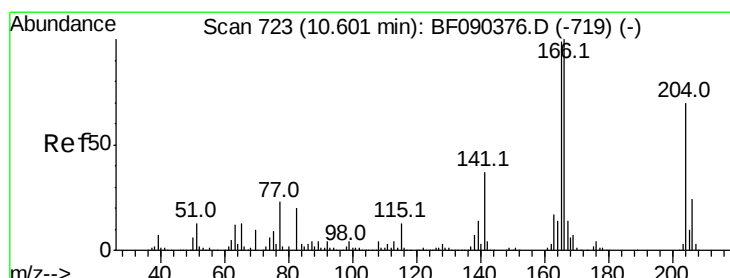
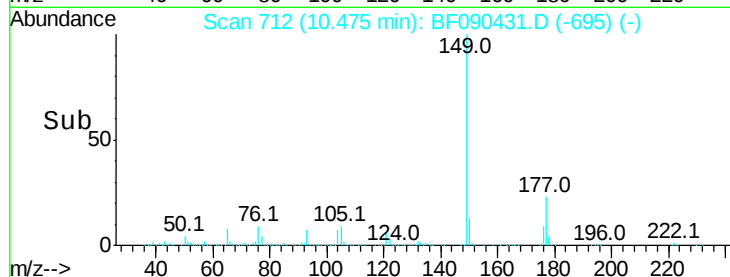
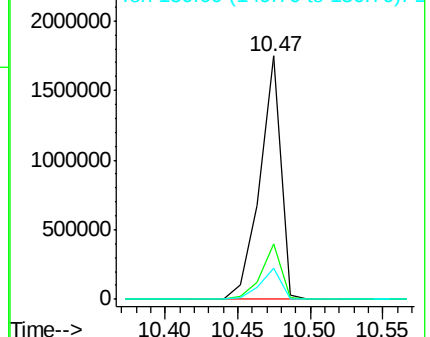
10/7/2016 7:02:32 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.21 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

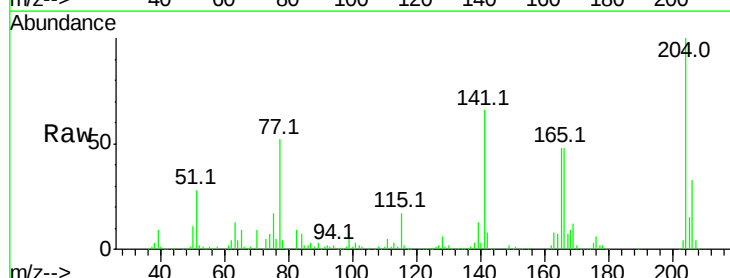
Tgt Ion:204 Resp: 717532

Ion Ratio Lower Upper

204 100

206 33.1 26.7 40.1

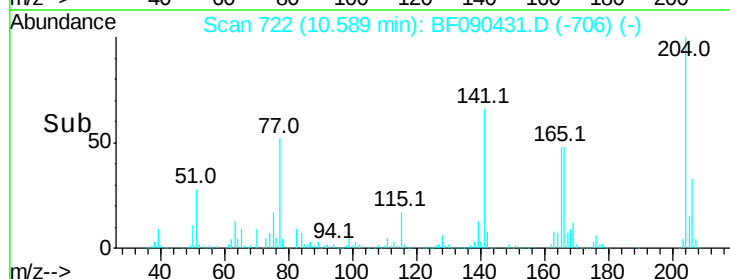
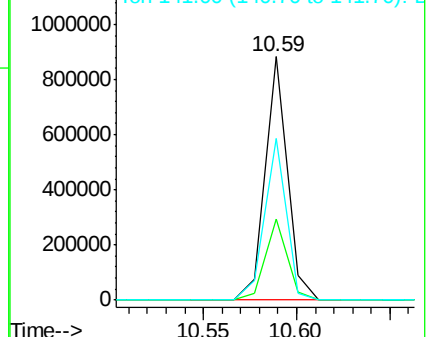
141 66.3 51.7 77.5

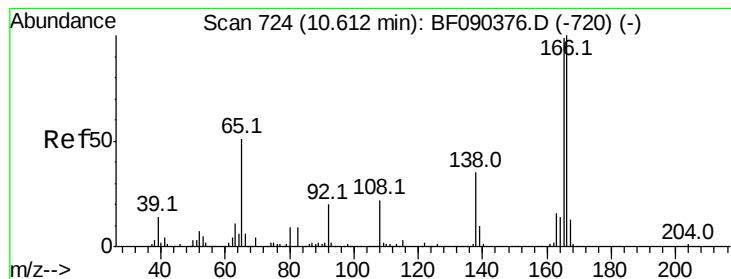


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





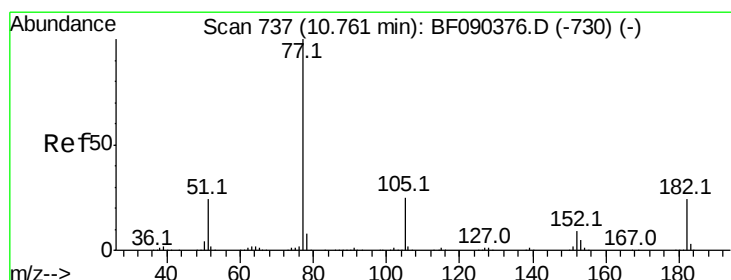
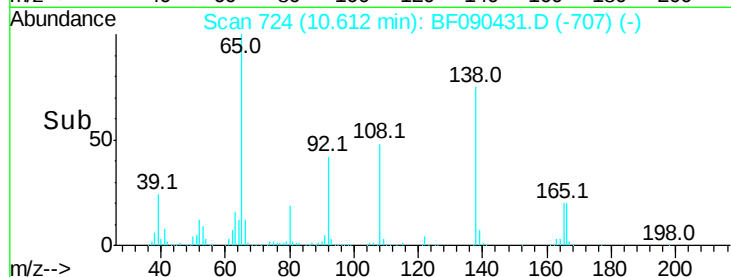
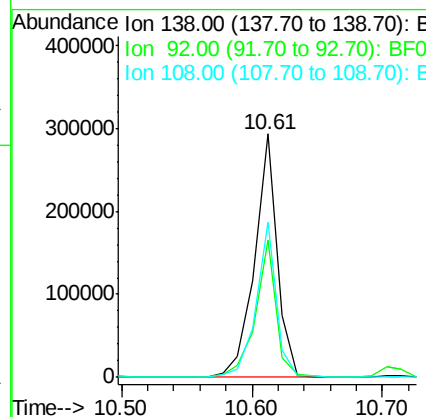
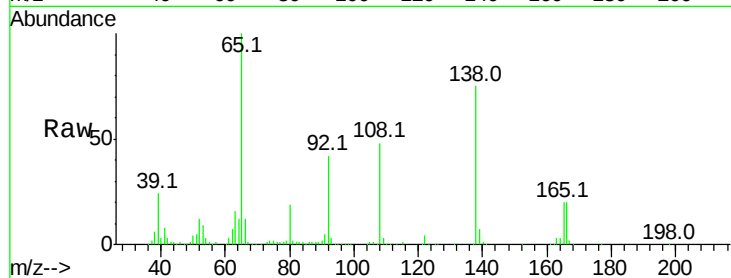
#61
4-Nitroaniline
Concen: 41.31 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.5	33.2	73.2	
108	63.8	48.5	88.5	

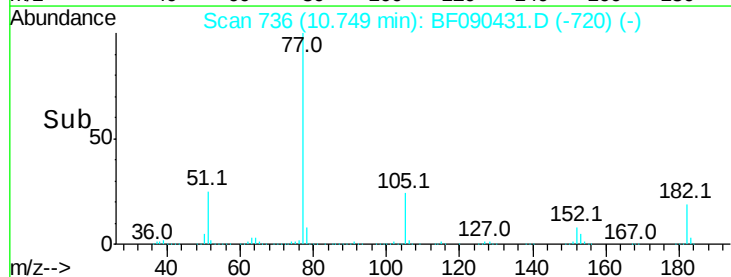
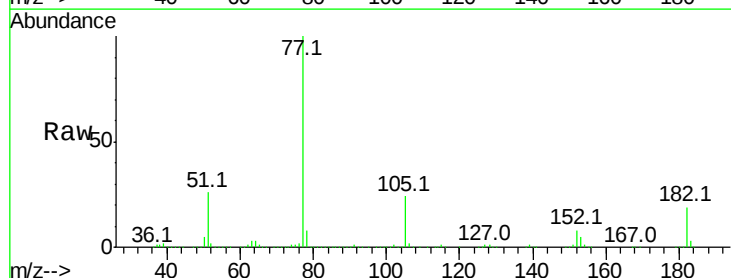
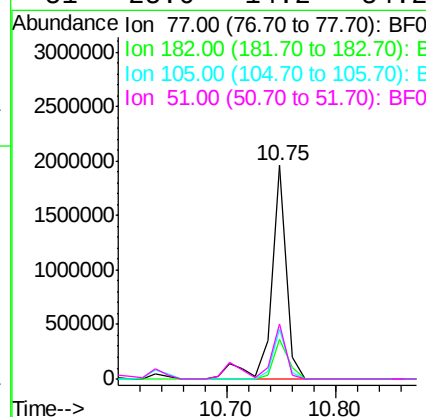
Manual Integrations
APPROVED

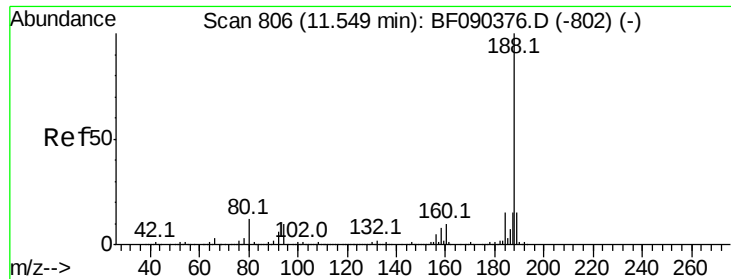
sohil
10/7/2016 7:02:32 PM



#62
Azobenzene
Concen: 48.69 ng
RT: 10.75 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.8	3.2	43.2	
105	23.7	2.9	42.9	
51	25.6	14.2	54.2	





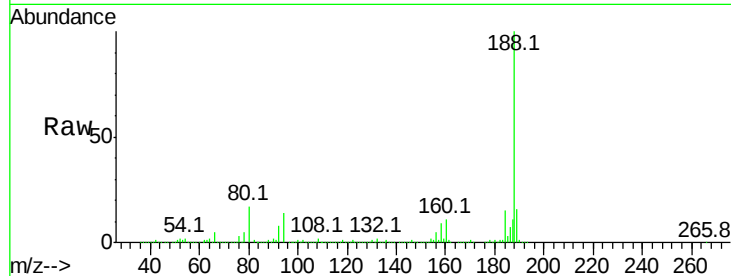
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

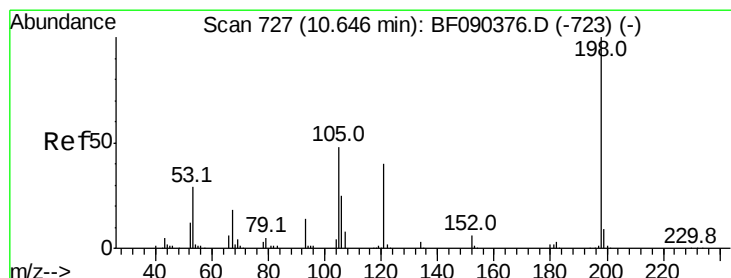
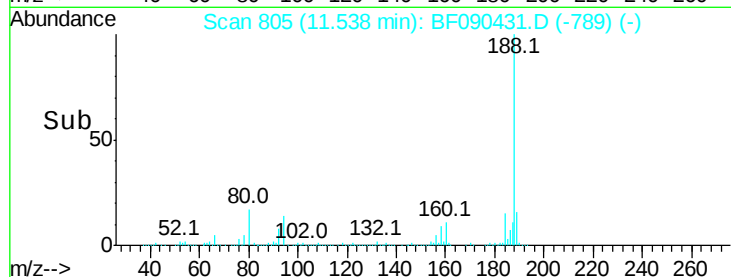
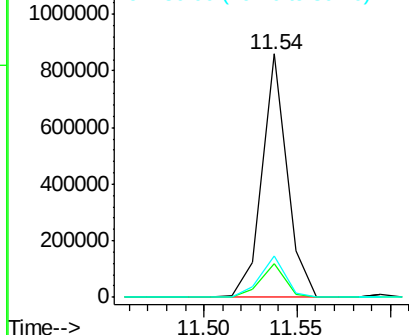
Tot Ion	Ratio	Resp	Lower	Upper
188	100	791241		
94	13.6	8.2	12.2#	
80	16.8	8.8	13.2#	

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

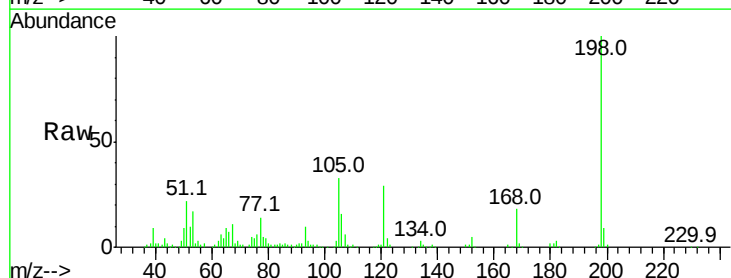


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

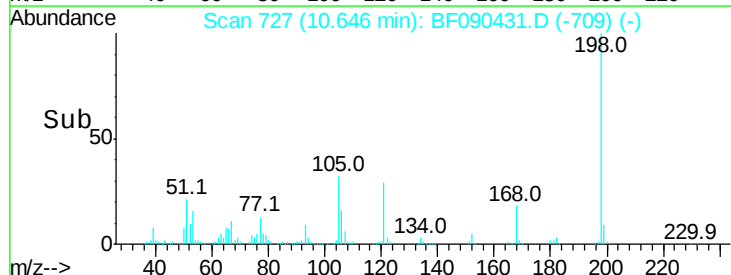
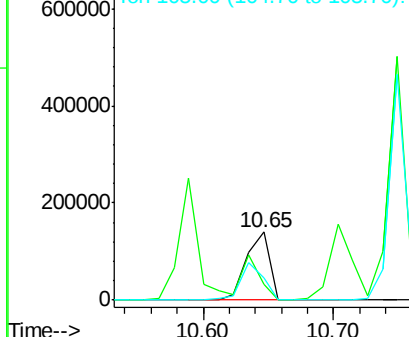


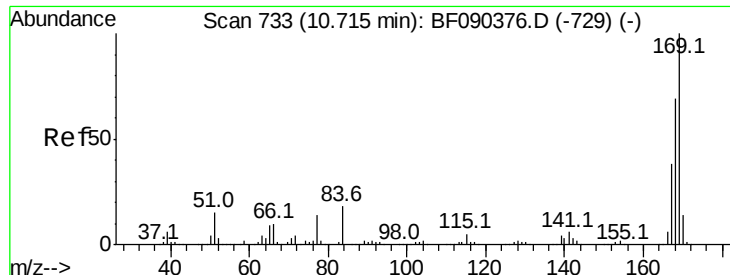
#64
4,6-Dinitro-2-methylphenol
Concen: 34.29 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173819		
51	22.3	67.3	107.3#	
105	32.7	42.6	82.6#	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





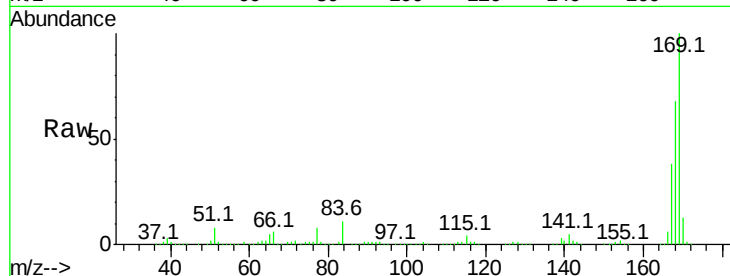
#65
 n-Nitrosodiphenylamine
 Concen: 51.90 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

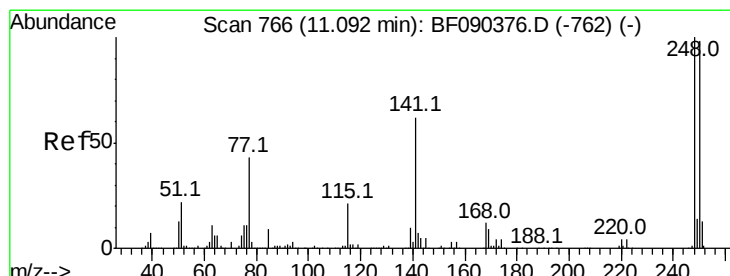
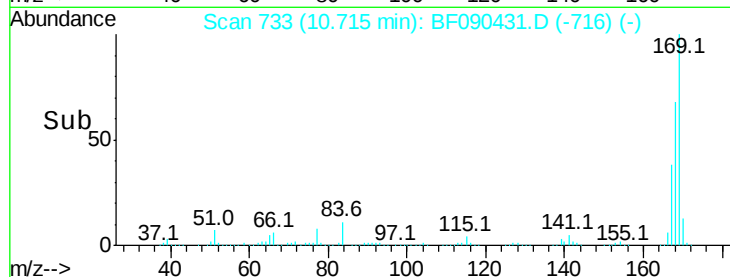
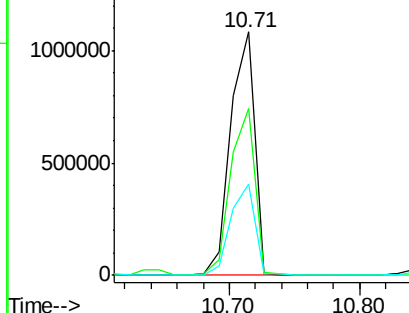
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.8	80.6
167	37.6	29.8	44.8

Manual Integrations
 APPROVED

sohil
 10/7/2016 7:02:32 PM



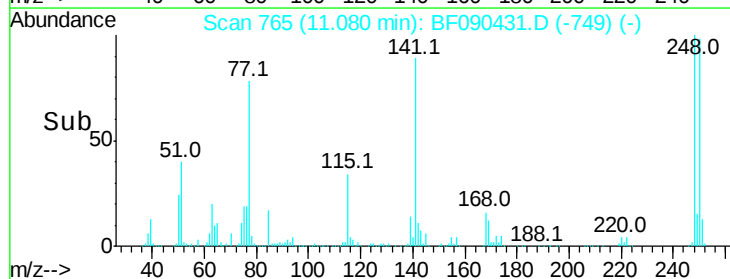
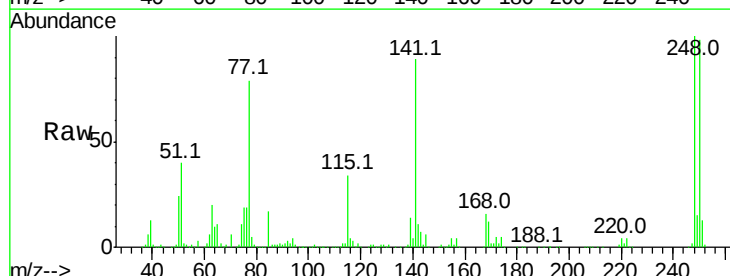
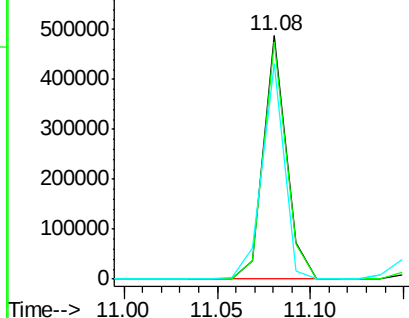
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

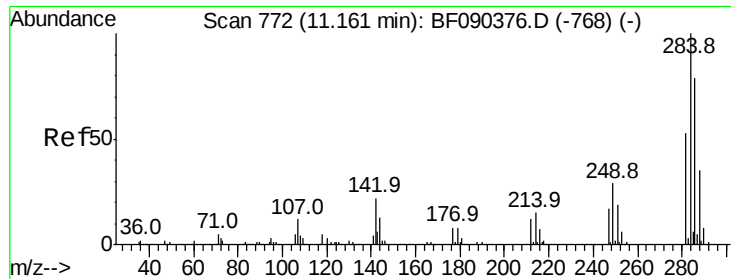


#66
 4-Bromophenyl-phenylether
 Concen: 52.93 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.5	114.7
141	88.6	59.8	89.6

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.78 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

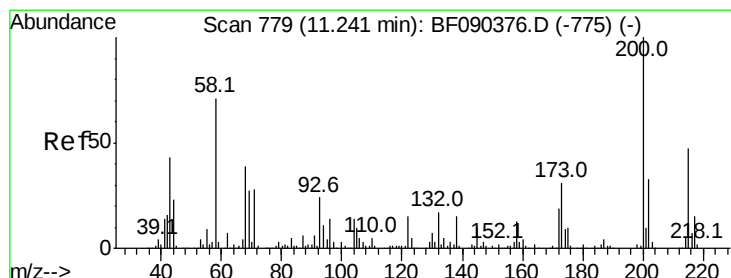
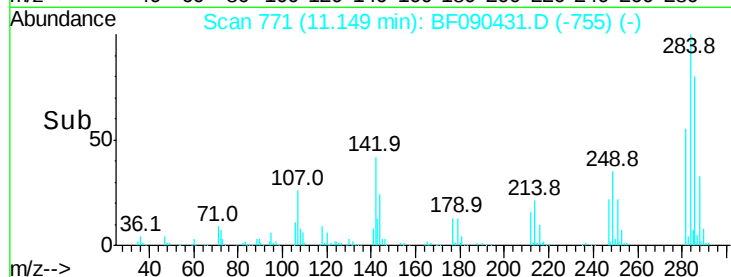
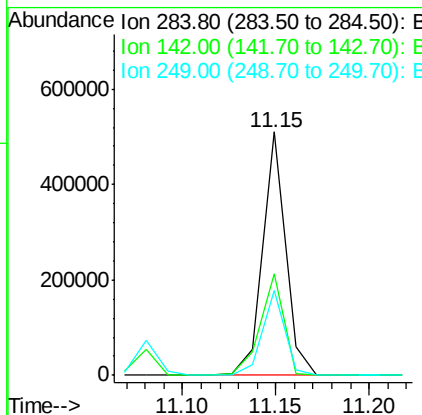
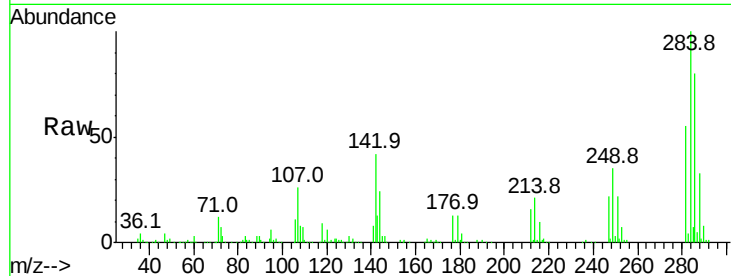
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:	284	Resp:	429976
Ion Ratio	Lower	Upper	
284	100		
142	41.9	23.1	34.7#
249	34.8	26.3	39.5

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



#68

Atrazine

Concen: 69.03 ng

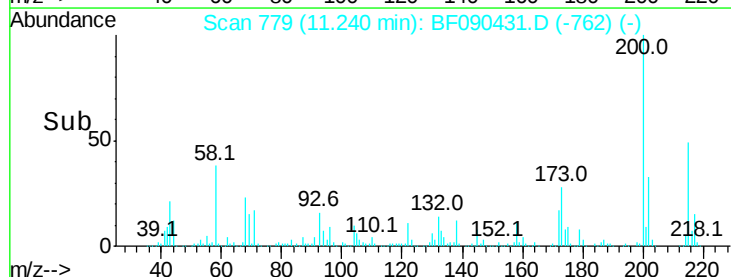
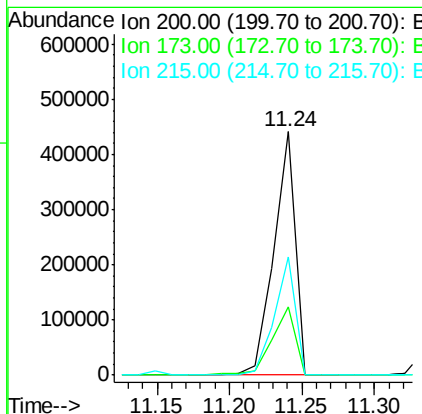
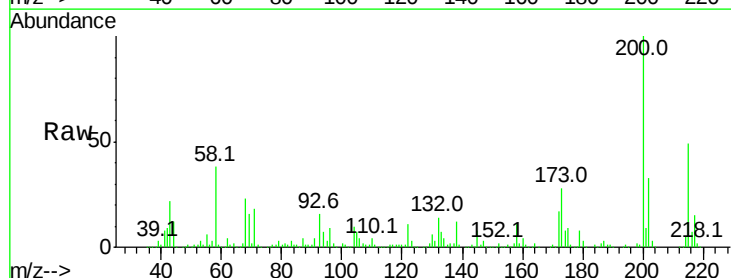
RT: 11.24 min Scan# 779

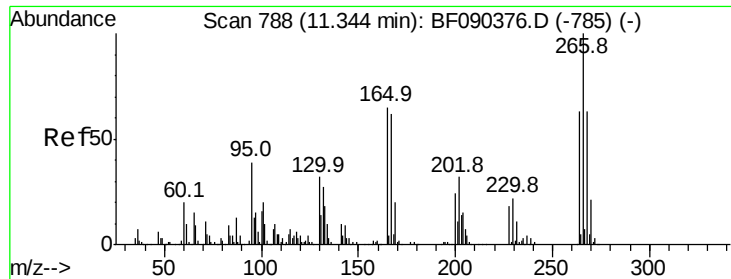
Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:	200	Resp:	451310
Ion Ratio	Lower	Upper	
200	100		
173	27.8	9.0	49.0
215	48.6	24.8	64.8





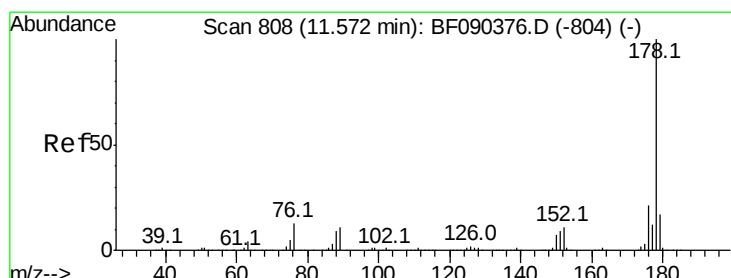
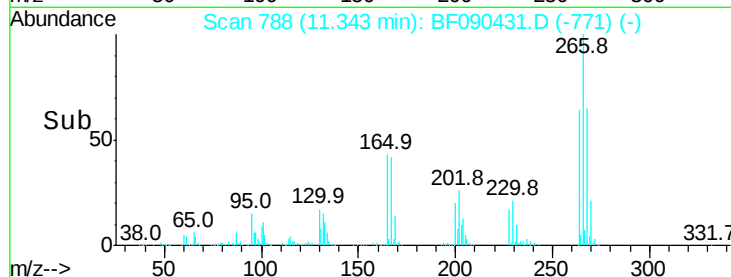
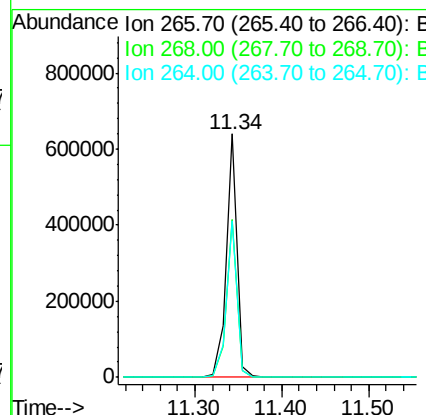
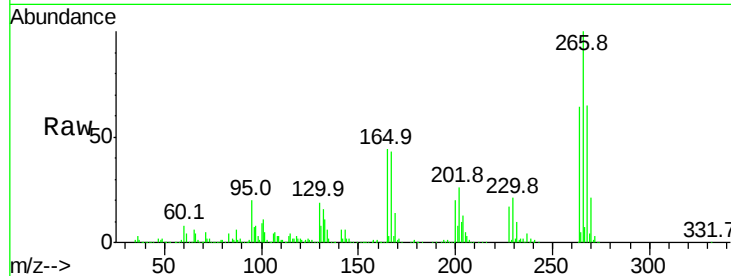
#69
 Pentachlorophenol
 Concen: 109.36 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	562280		
268	64.7		50.9	76.3
264	64.4		51.5	77.3

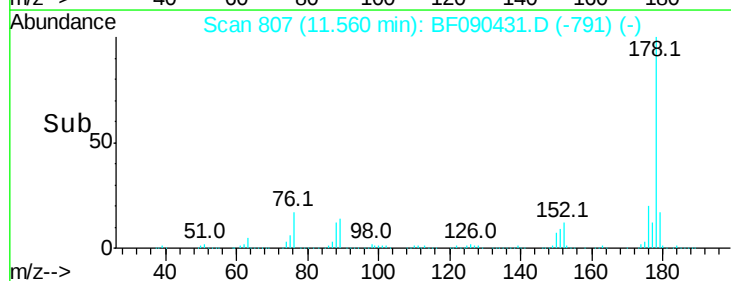
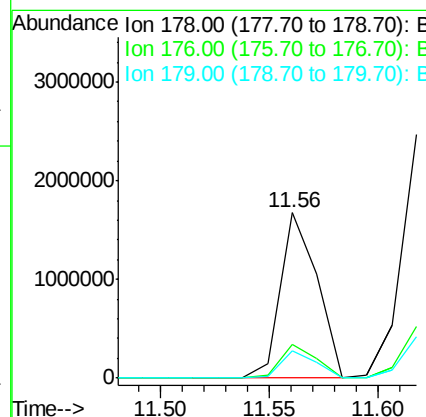
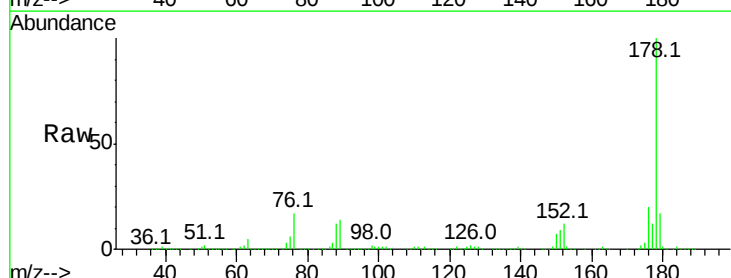
Manual Integrations
 APPROVED

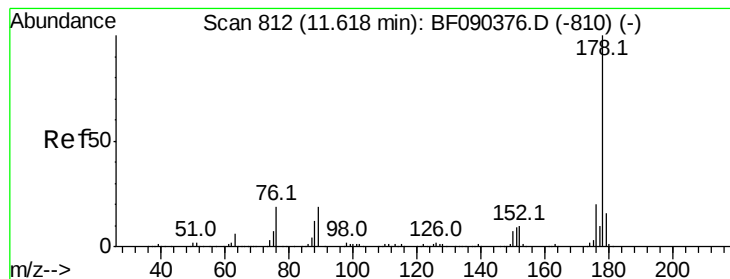
sohil
 10/7/2016 7:02:32 PM



#70
 Phenanthrene
 Concen: 48.75 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1975055		
176	20.3		17.3	25.9
179	16.7		13.8	20.6





#71

Anthracene

Concen: 52.05 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:178 Resp: 2153727

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

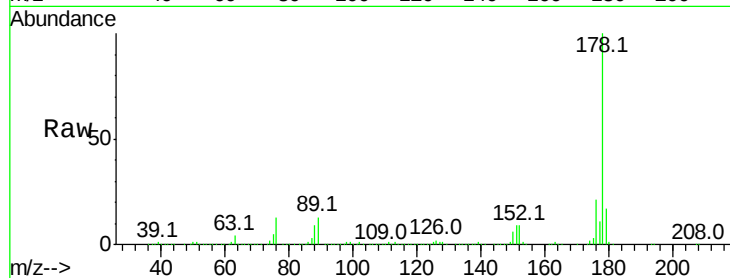
179 17.1 13.4 20.2

Manual Integrations

APPROVED

sohil

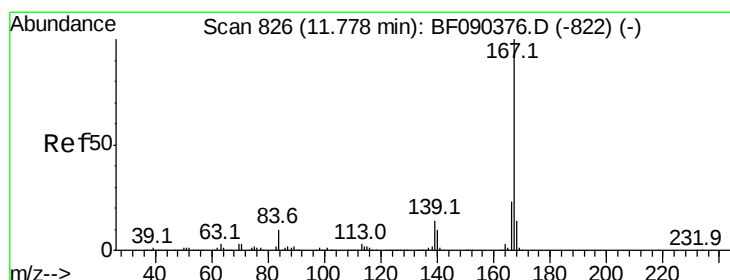
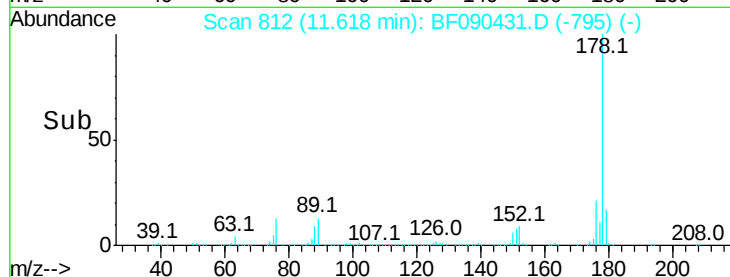
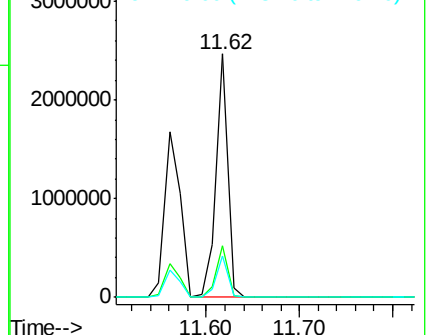
10/7/2016 7:02:32 PM



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: 47.51 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

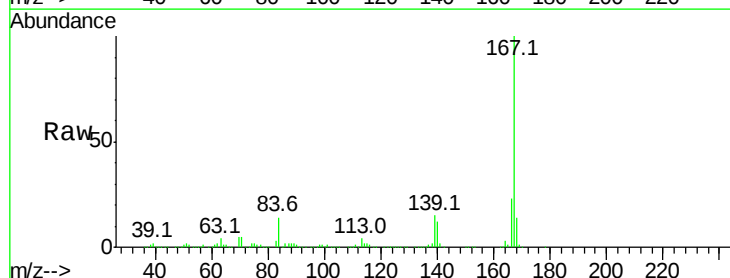
Tgt Ion:167 Resp: 1826252

Ion Ratio Lower Upper

167 100

166 23.2 19.1 28.7

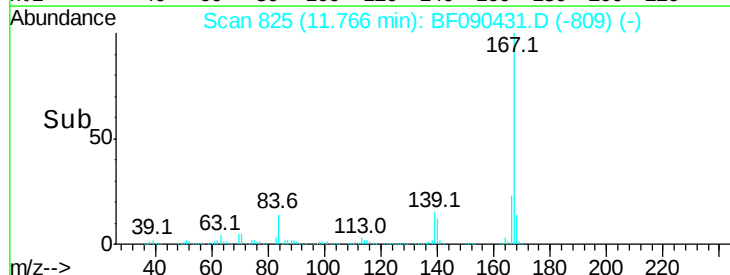
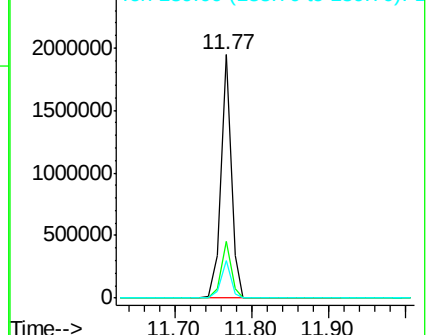
139 15.5 12.1 18.1

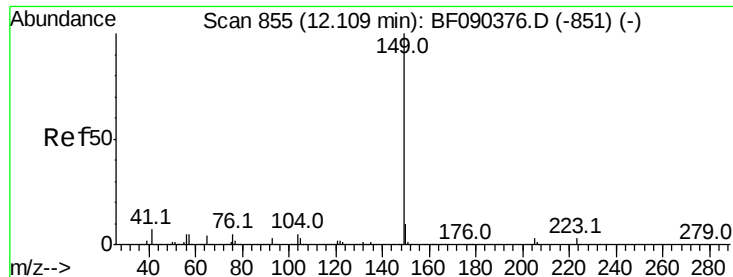


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:149 Resp: 2261129

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

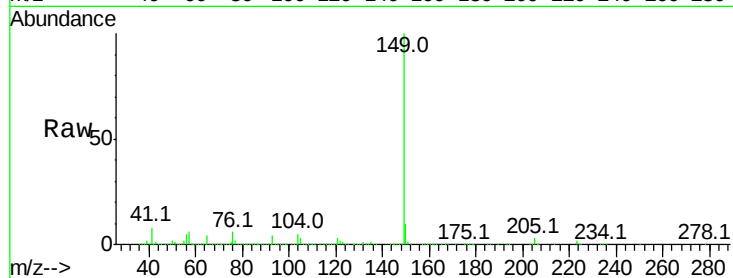
104 5.5 4.7 7.1

Manual Integrations

APPROVED

sohil

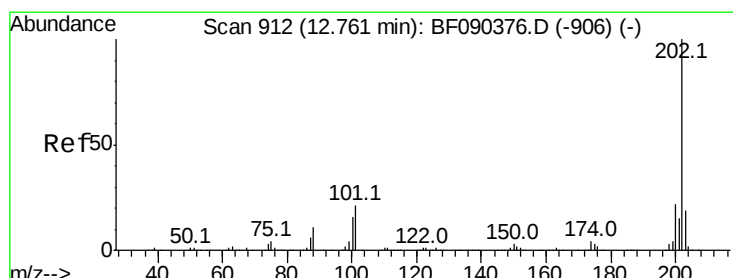
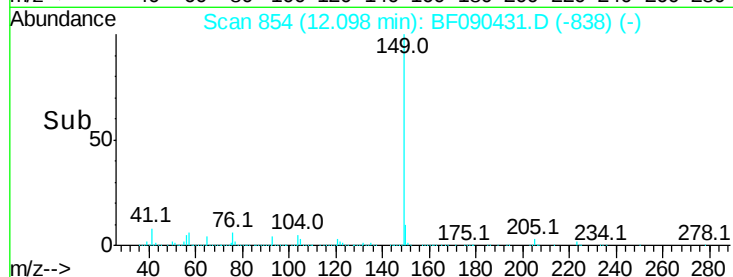
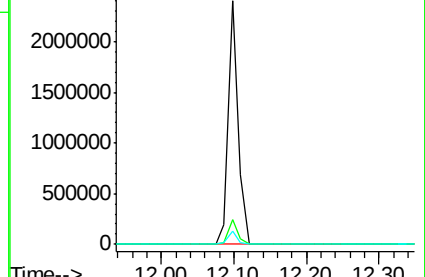
10/7/2016 7:02:32 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.76 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

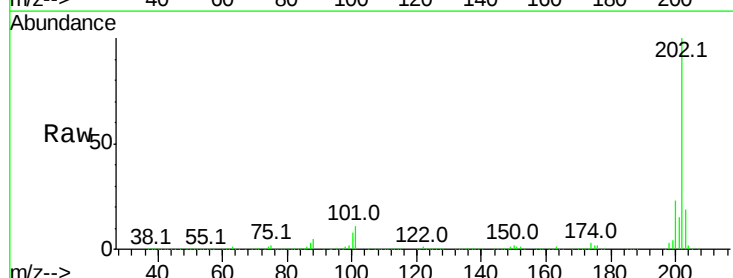
Tgt Ion:202 Resp: 2096784

Ion Ratio Lower Upper

202 100

101 10.7 0.0 37.2

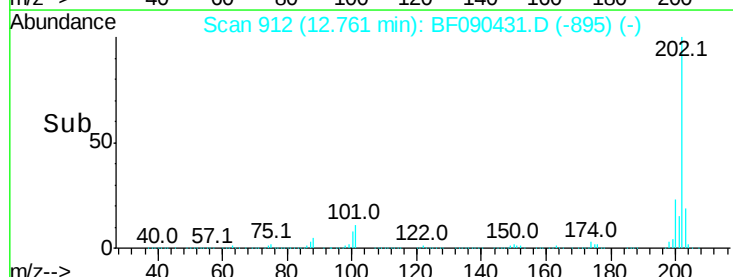
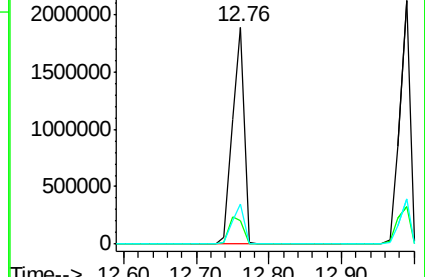
203 18.7 0.0 39.3

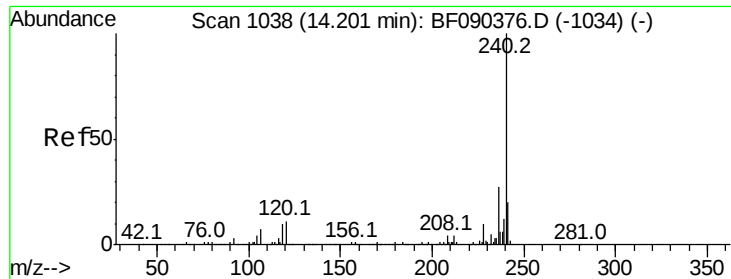


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

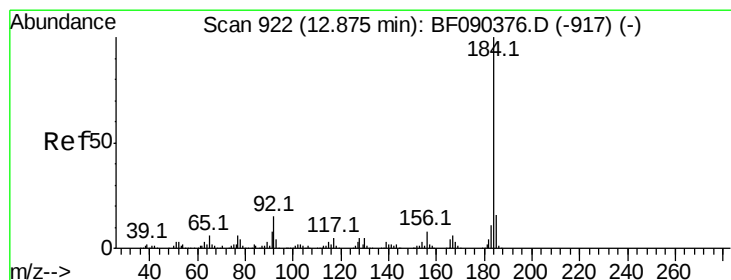
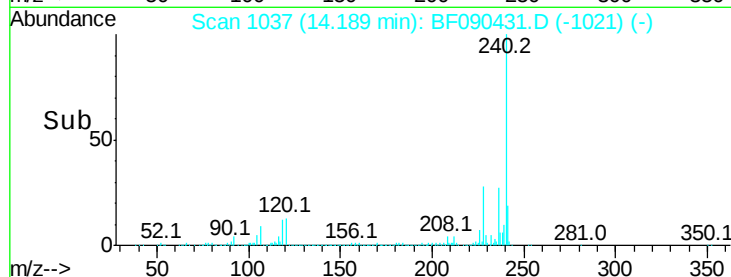
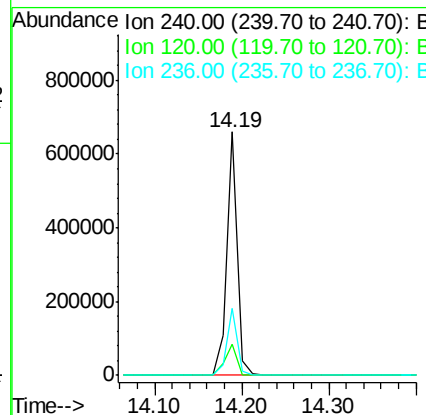
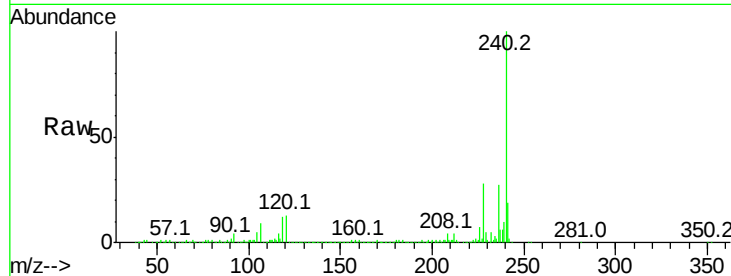
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:	240	Resp:	562792
Ion Ratio	Lower	Upper	
240	100		
120	12.9	8.6	13.0
236	27.4	21.6	32.4

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM



#76

Benzidine

Concen: 64.01 ng

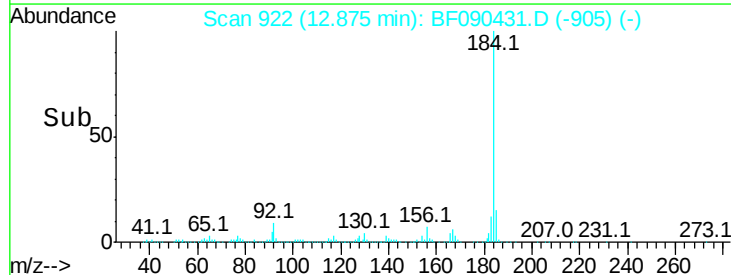
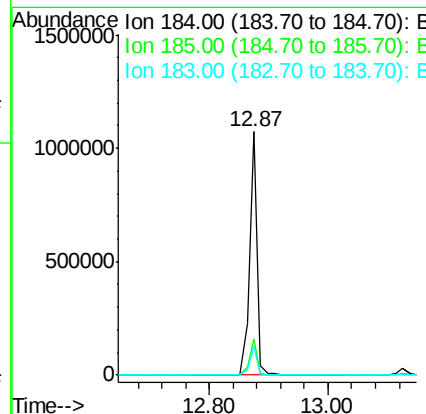
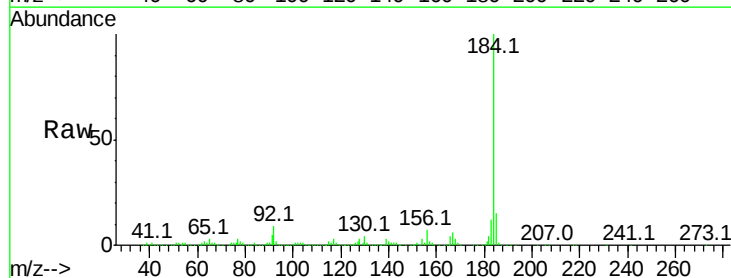
RT: 12.87 min Scan# 922

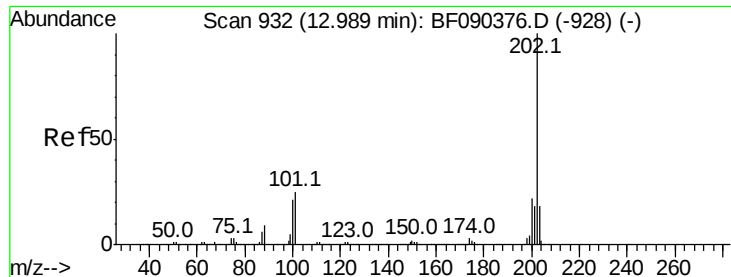
Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:	184	Resp:	947281
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	11.7	9.6	14.4





#77

Pvrene

Concen: 55.66 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:202 Resp: 2088879

Ion Ratio Lower Upper

202 100

200 22.7 18.5 27.7

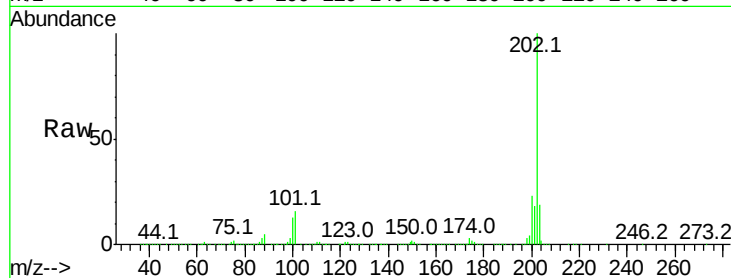
203 18.7 15.0 22.6

Manual Integrations

APPROVED

sohil

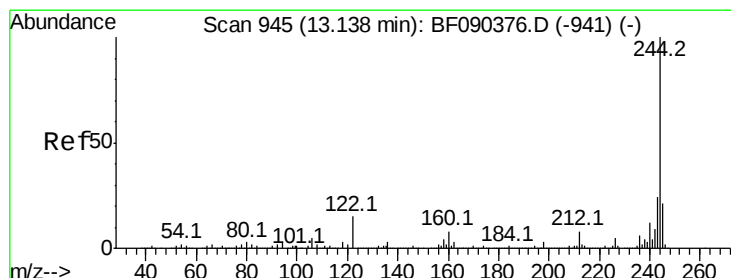
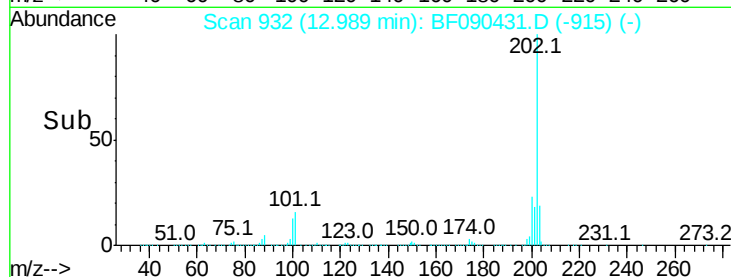
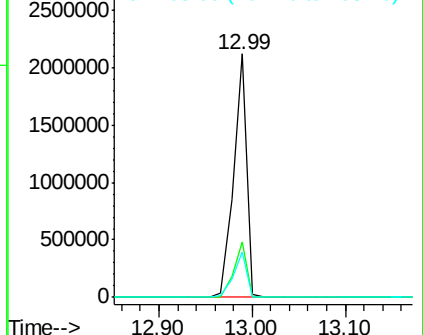
10/7/2016 7:02:32 PM



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: 95.17 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

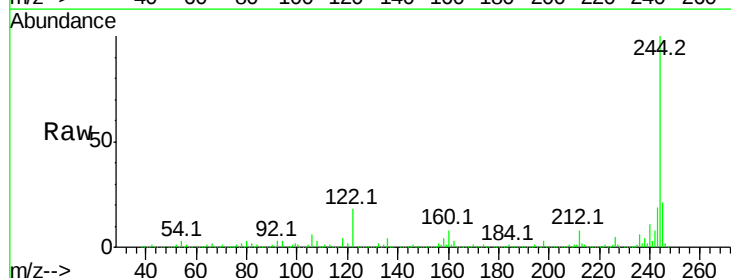
Tgt Ion:244 Resp: 2382409

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

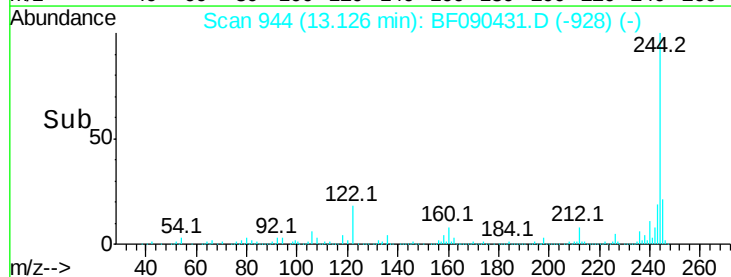
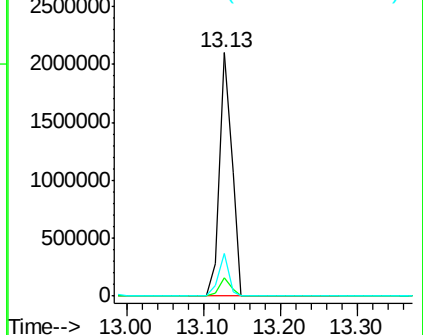
122 17.7 13.3 19.9

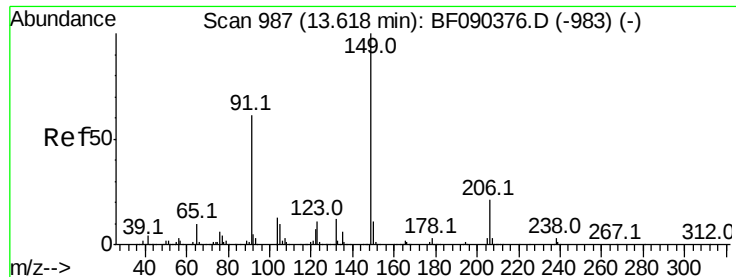


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





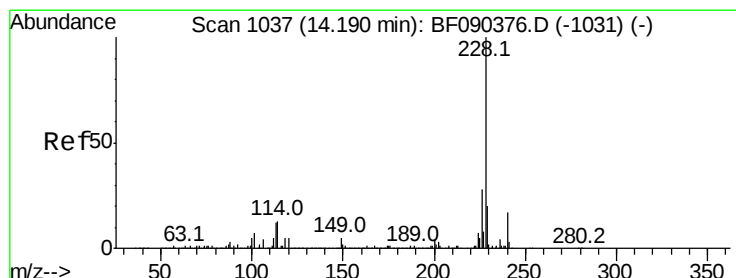
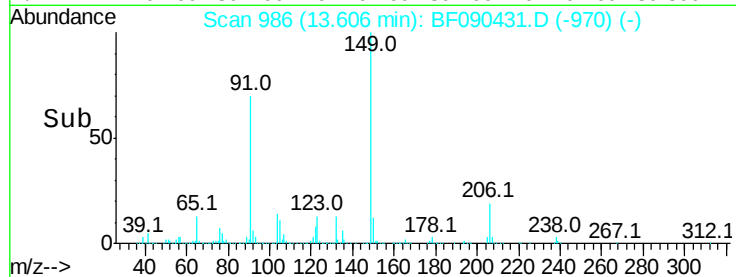
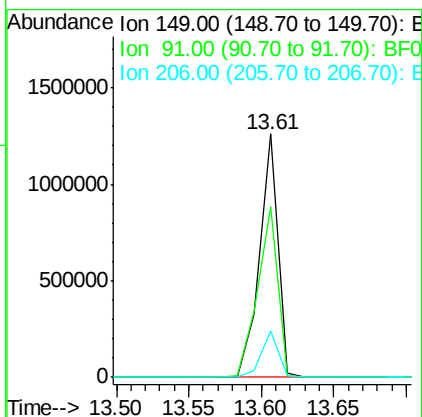
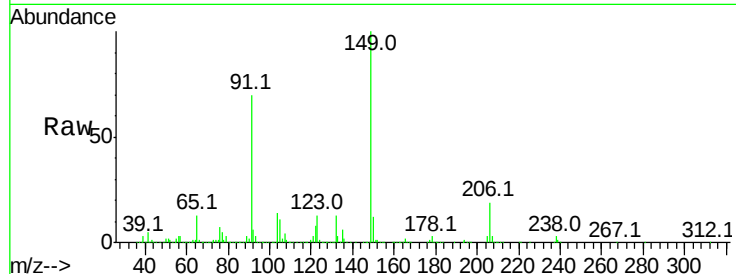
#79
Butylbenzylphthalate
Concen: 57.58 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	51.8	77.8
206	19.3	18.0	27.0

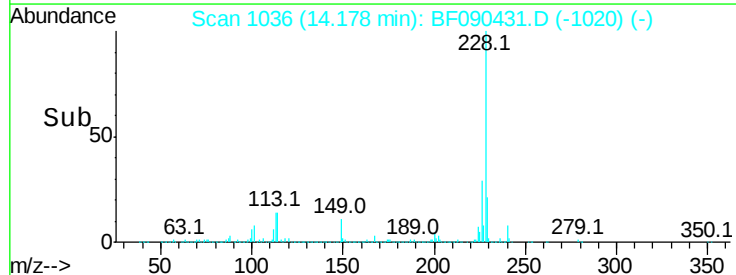
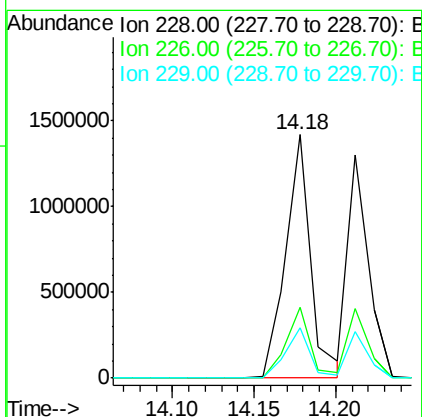
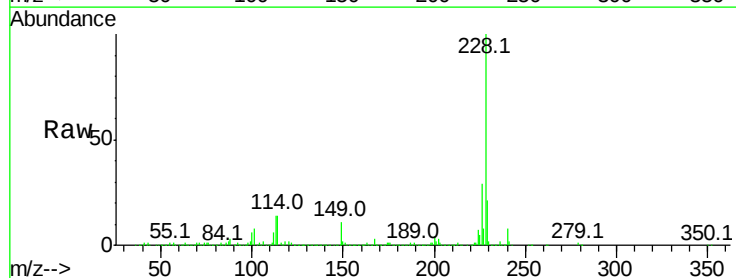
Manual Integrations
APPROVED

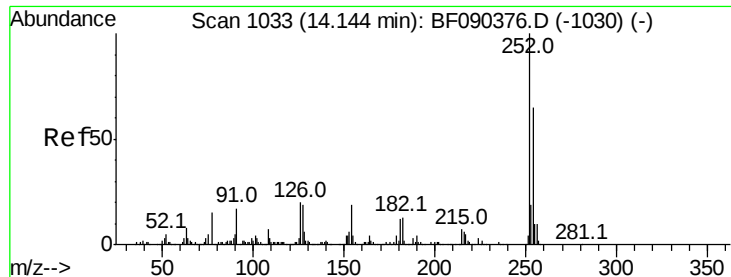
sohil
10/7/2016 7:02:32 PM



#80
Benzo(a)anthracene
Concen: 48.22 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	20.9	16.6	25.0





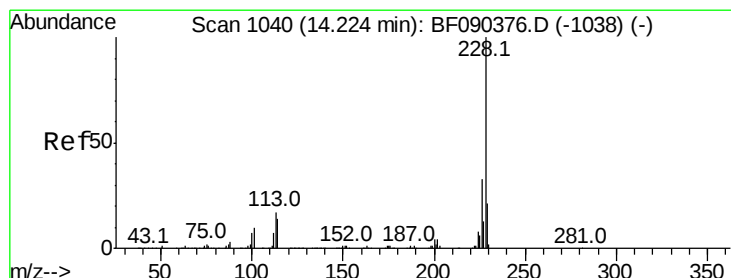
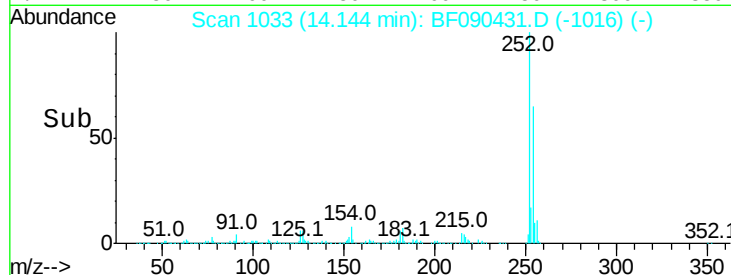
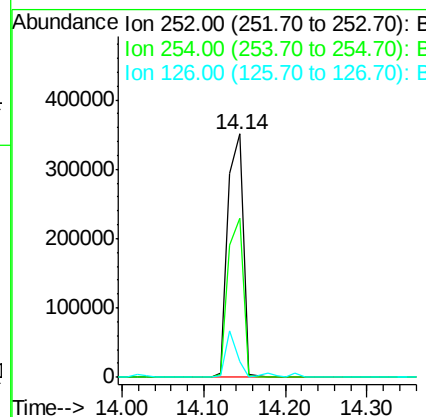
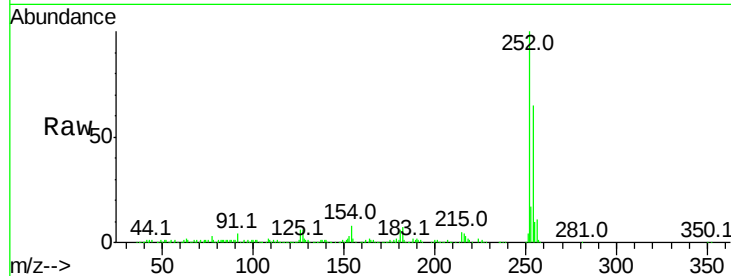
#81
 3,3'-Dichlorobenzidine
 Concen: 39.67 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.4	52.1	78.1	
126	6.4	4.2	6.4	

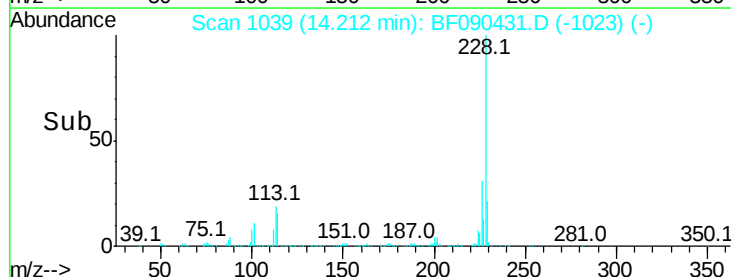
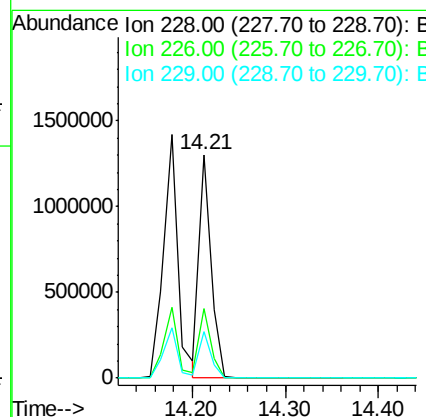
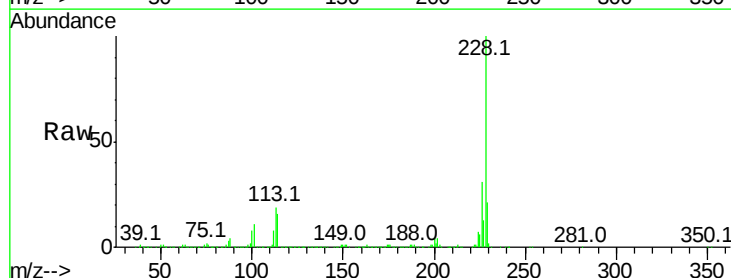
Manual Integrations
 APPROVED

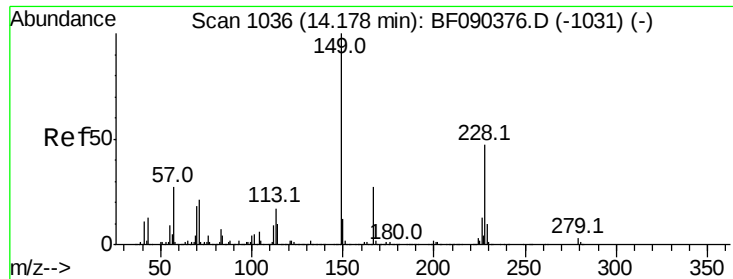
sohil
 10/7/2016 7:02:32 PM



#82
 Chrysene
 Concen: 40.70 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	25.8	38.6	
229	20.8	16.9	25.3	





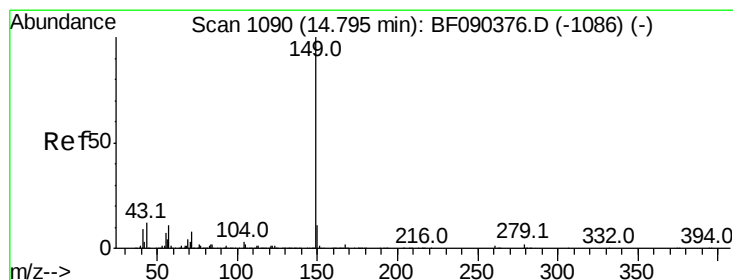
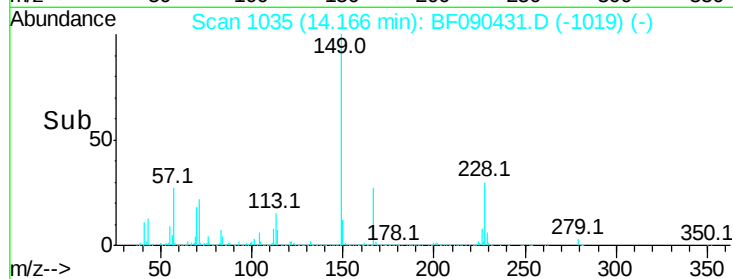
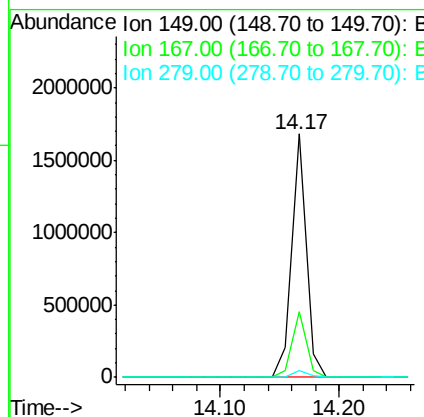
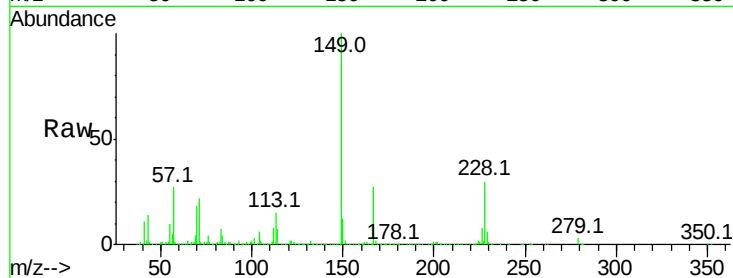
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.61 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:149 Resp: 1412677
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.5 32.3
 279 2.7 2.6 3.8

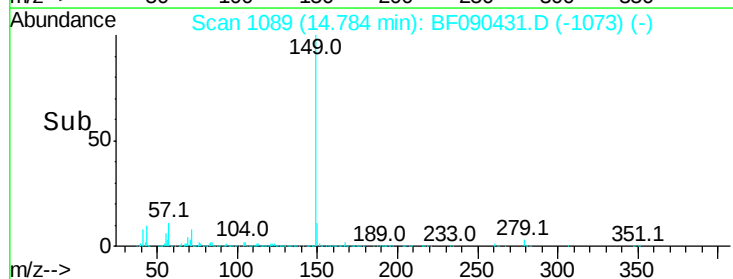
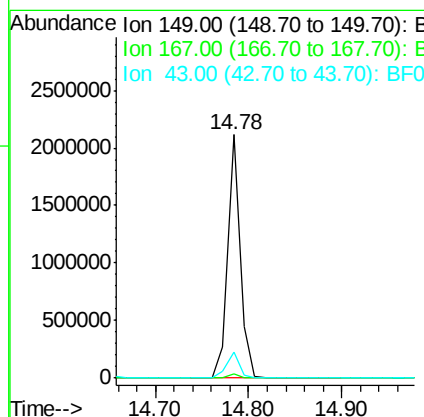
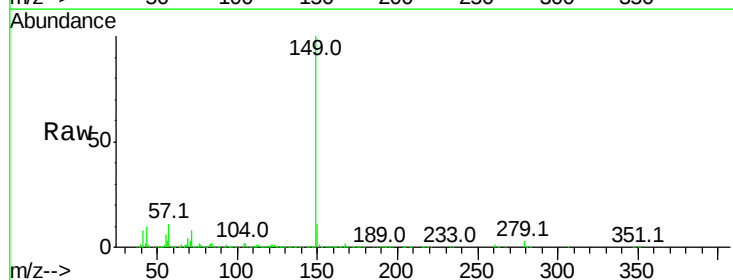
Manual Integrations
 APPROVED

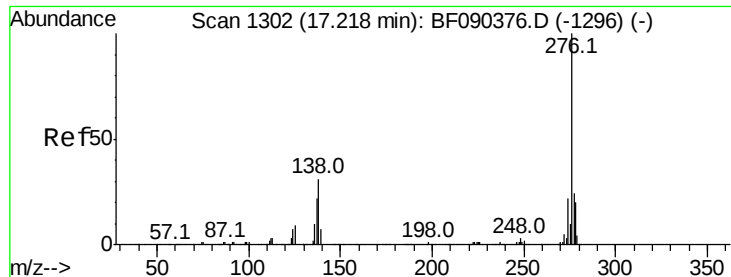
sohil
 10/7/2016 7:02:32 PM



#84
 Di-n-octyl phthalate
 Concen: 48.19 ng
 RT: 14.78 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:149 Resp: 1955528
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.7 11.8 17.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 64.05 ng

RT: 17.21 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:276 Resp: 1327068

Ion Ratio Lower Upper

276 100

138 36.0 23.8 35.8#

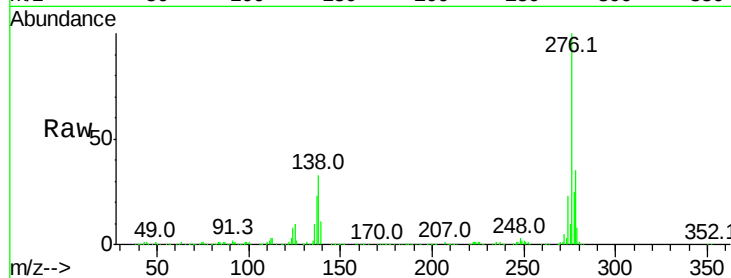
277 25.3 20.4 30.6

Manual Integrations

APPROVED

sohil

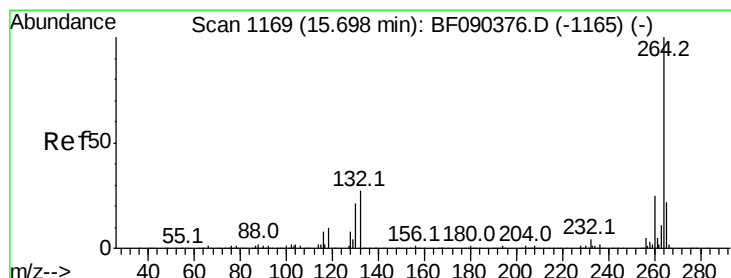
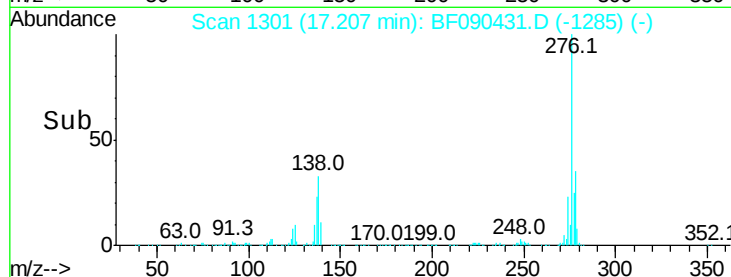
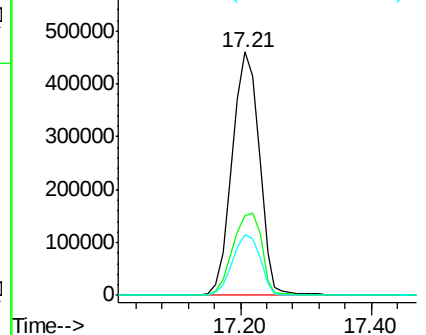
10/7/2016 7:02:32 PM



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

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

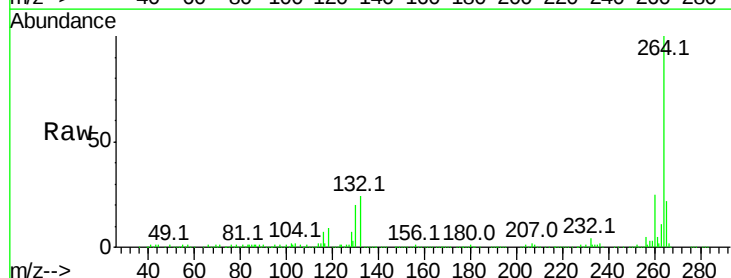
Tgt Ion:264 Resp: 402851

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

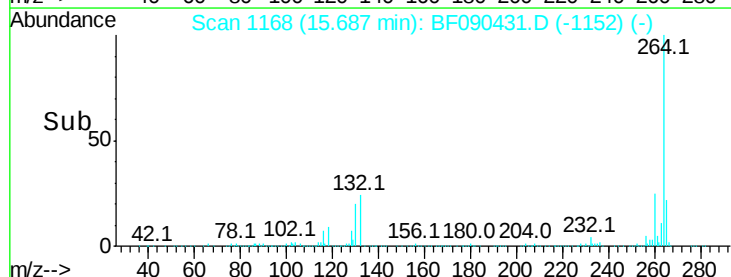
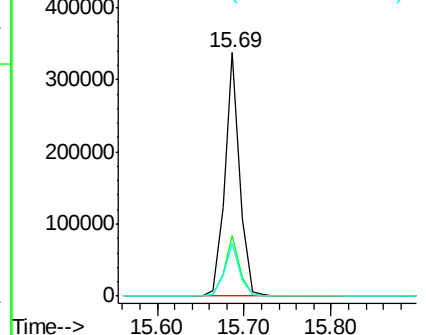
265 21.6 17.4 26.0

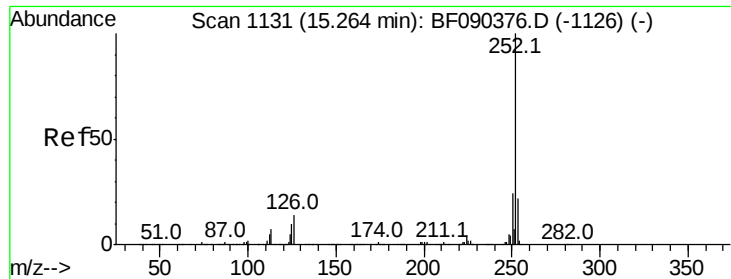


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.83 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:252 Resp: 1330062

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

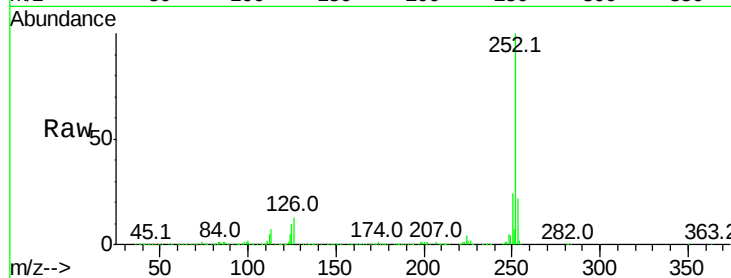
125 10.4 7.0 10.4

Manual Integrations

APPROVED

sohil

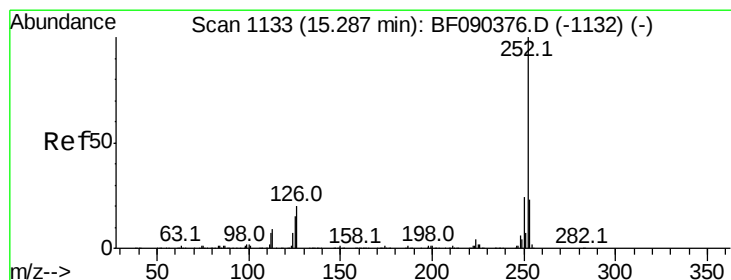
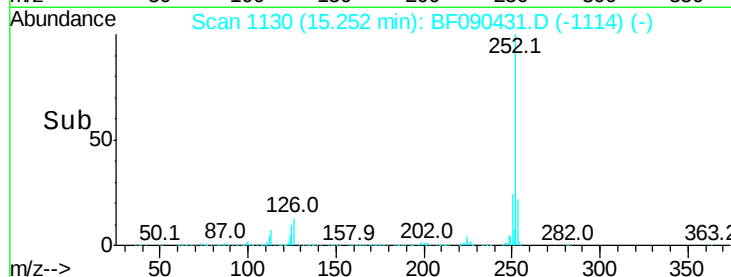
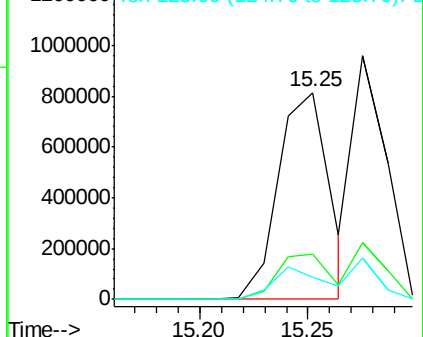
10/7/2016 7:02:32 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.50 ng m

RT: 15.28 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:252 Resp: 1048515

Ion Ratio Lower Upper

252 100

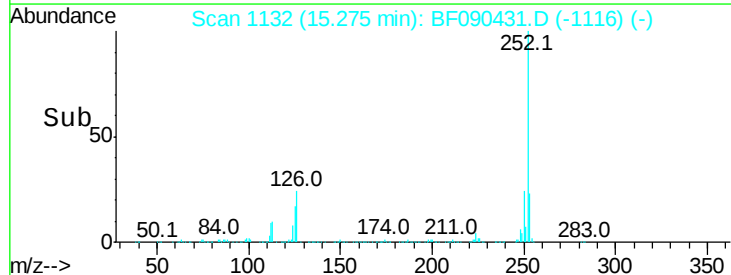
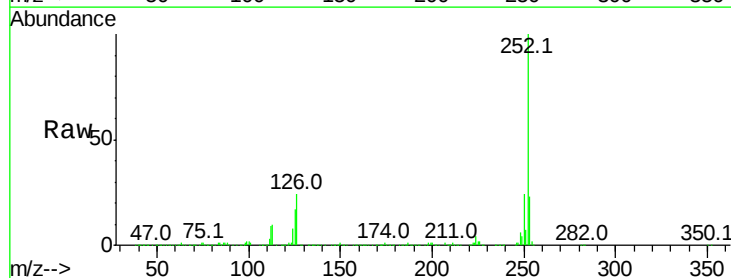
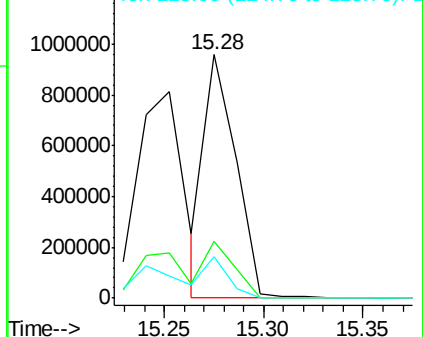
253 23.1 18.6 27.8

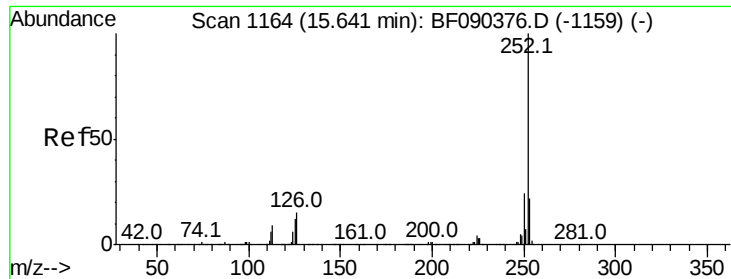
125 17.1 11.7 17.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





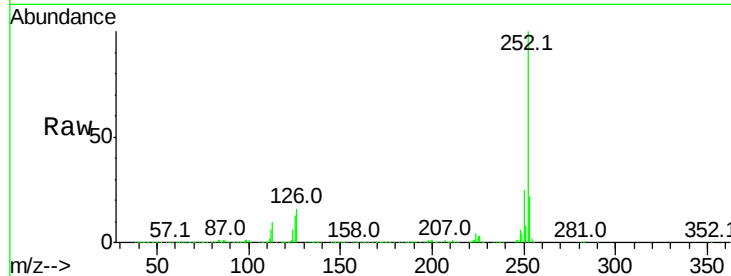
#89
Benzo(a)pyrene
Concen: 53.11 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

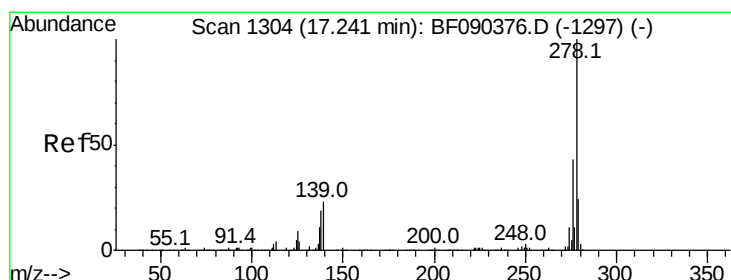
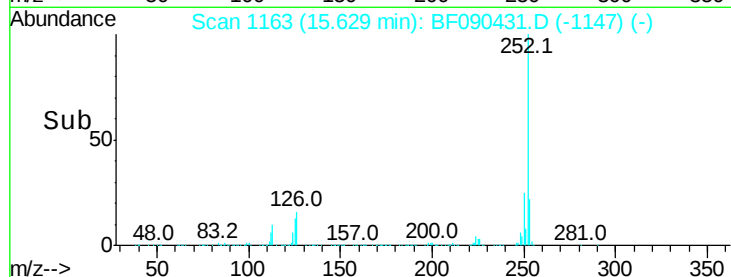
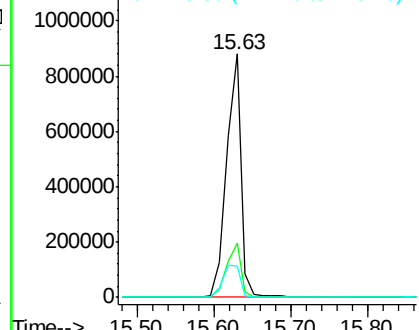
Tot Ion:252 Resp: 1174594
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 12.7 9.8 14.8

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

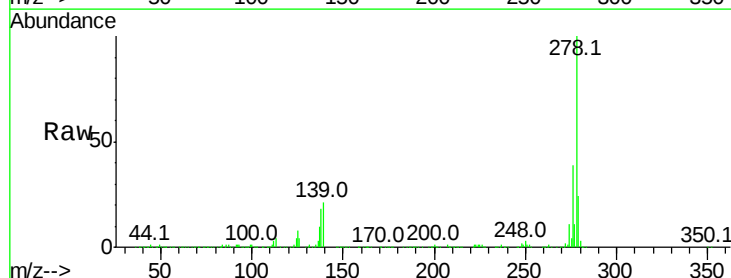


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

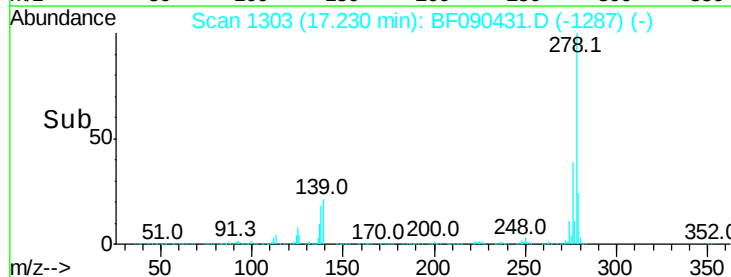
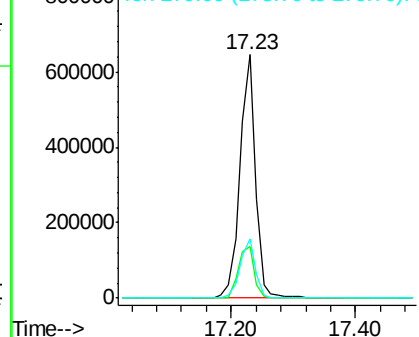


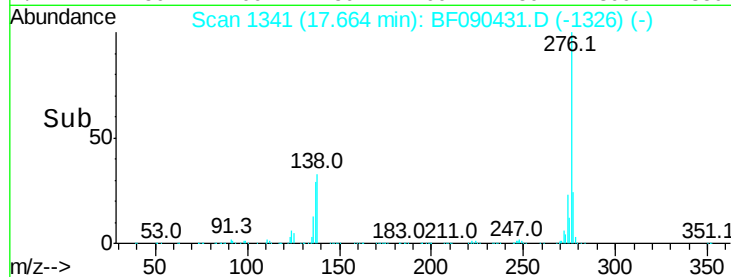
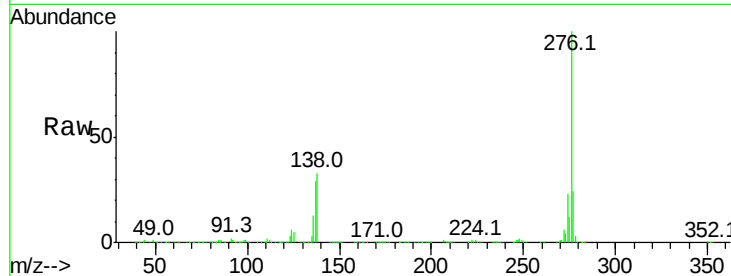
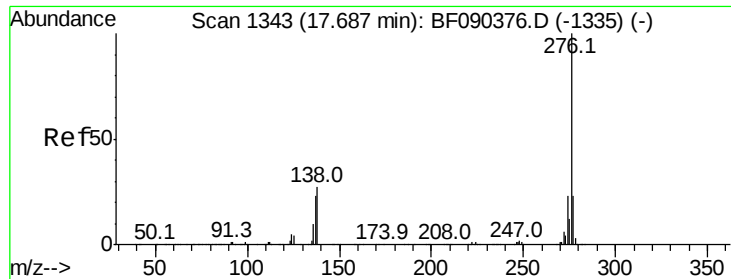
#90
Dibenzo(a,h)anthracene
Concen: 60.41 ng
RT: 17.23 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:278 Resp: 1136801
Ion Ratio Lower Upper
278 100
139 21.3 12.8 19.2#
279 24.4 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 59.28 ng

RT: 17.66 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	33.1	20.8	31.2

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:32 PM

