

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091528.D
 Acq On : 9 Dec 2016 15:17
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

sohil
 12/12/2016 6:49:30 PM

Quant Time: Dec 09 16:10:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	271771	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1052324	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	523624	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	866361	20.00	ng	0.00
75) Chrysene-d12	13.96	240	564522	20.00	ng	0.00
86) Perylene-d12	15.38	264	571530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1295581	77.88	ng	0.00
7) Phenol-d6	6.45	99	1481795	72.36	ng	0.00
23) Nitrobenzene-d5	7.38	82	1484511	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	336650	67.91	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2336915	80.81	ng	0.00
78) Terphenyl-d14	12.92	244	2064918	79.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	327425	43.51	ng	# 85
3) Pyridine	3.10	79	940969	44.18	ng	# 80
4) n-Nitrosodimethylamine	3.06	42	384914	34.44	ng	# 71
6) Aniline	6.48	93	1013523	37.26	ng	# 72
8) 2-Chlorophenol	6.60	128	735375	40.32	ng	99
9) Benzaldehyde	6.36	77	492811m	37.42	ng	
10) Phenol	6.46	94	791108	32.83	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	719388	41.78	ng	85
12) 1,3-Dichlorobenzene	6.75	146	727743m	35.87	ng	
13) 1,4-Dichlorobenzene	6.83	146	745053	36.92	ng	97
14) 1,2-Dichlorobenzene	6.99	146	716394	38.11	ng	94
15) Benzyl Alcohol	6.96	79	606072	36.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1111113	30.01	ng	79
17) 2-Methylphenol	7.08	107	598813	41.53	ng	# 76
18) Hexachloroethane	7.33	117	299750	41.83	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	505551	39.18	ng	# 72
20) 3+4-Methylphenols	7.23	107	620960	35.28	ng	# 54
22) Acetophenone	7.23	105	966570	38.75	ng	# 91
24) Nitrobenzene	7.40	77	854273	44.44	ng	# 89
25) Isophorone	7.64	82	1320741	39.70	ng	98
26) 2-Nitrophenol	7.72	139	373607	42.64	ng	# 69
27) 2,4-Dimethylphenol	7.76	122	574973	35.08	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	812820	40.59	ng	98
29) 2,4-Dichlorophenol	7.96	162	570928	39.60	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	585443	36.22	ng	99
31) Naphthalene	8.12	128	1872491	37.44	ng	100
32) Benzoic acid	7.88	122	412447	34.14	ng	94
33) 4-Chloroaniline	8.18	127	809682	37.87	ng	# 92
34) Hexachlorobutadiene	8.25	225	356618	35.88	ng	99
35) Caprolactam	8.54	113	147387	35.57	ng	# 70
36) 4-Chloro-3-methylphenol	8.66	107	623757	40.07	ng	99
37) 2-Methylnaphthalene	8.82	142	1220554	35.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	521122	35.30	ng	97
40) Hexachlorocyclopentadiene	8.97	237	260063	38.01	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091528.D
 Acq On : 9 Dec 2016 15:17
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

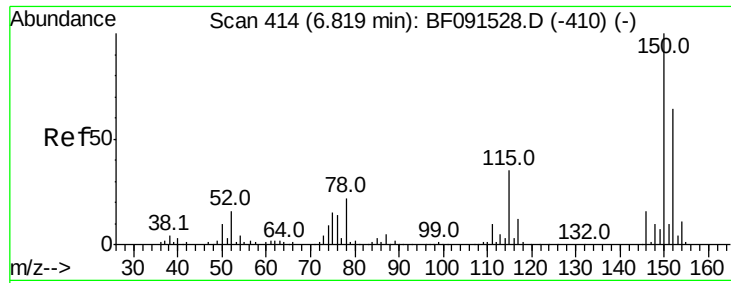
Manual Integrations
 APPROVED

sohil
 12/12/2016 6:49:30 PM

Quant Time: Dec 09 16:10:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	391966	40.86	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	351437	36.55	nq #	82
45) 1,1'-Biphenyl	9.28	154	1409315	37.43	nq	97
46) 2-Chloronaphthalene	9.30	162	1086016	38.73	nq	98
47) 2-Nitroaniline	9.40	65	407596	40.47	nq #	81
48) Acenaphthylene	9.71	152	1708179	38.70	nq	99
49) Dimethylphthalate	9.58	163	1357906	42.83	nq	99
50) 2,6-Dinitrotoluene	9.64	165	305283	43.08	nq #	85
51) Acenaphthene	9.88	154	1180566	39.65	nq	97
52) 3-Nitroaniline	9.81	138	364011	44.38	nq #	80
53) 2,4-Dinitrophenol	9.90	184	122935	39.67	nq #	59
54) Dibenzofuran	10.05	168	1479231	37.11	nq	96
55) 4-Nitrophenol	9.97	139	296602	50.06	nq #	78
56) 2,4-Dinitrotoluene	10.04	165	401847	43.71	nq #	78
57) Fluorene	10.40	166	1038865	33.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	312179	38.03	nq	94
59) Diethylphthalate	10.28	149	1325970	42.37	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	536828	34.97	nq #	85
61) 4-Nitroaniline	10.42	138	313757	40.74	nq	84
62) Azobenzene	10.56	77	1505902	47.15	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	192643	40.36	nq #	31
65) n-Nitrosodiphenylamine	10.51	169	947378	36.07	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	350316	37.62	nq #	79
67) Hexachlorobenzene	10.94	284	344633	34.25	nq #	75
68) Atrazine	11.05	200	332796	39.12	nq	93
69) Pentachlorophenol	11.14	266	214956	36.29	nq	95
70) Phenanthrene	11.36	178	1633043	36.28	nq	99
71) Anthracene	11.41	178	1812481	40.57	nq	99
72) Carbazole	11.56	167	1465874	36.16	nq	99
73) Di-n-butylphthalate	11.91	149	1953832	42.52	nq	100
74) Fluoranthene	12.55	202	1822236	42.73	nq	99
76) Benzidine	12.67	184	719659	43.43	nq	98
77) Pyrene	12.77	202	1859274	43.40	nq	100
79) Butylbenzylphthalate	13.39	149	714426	44.53	nq	86
80) Benzo(a)anthracene	13.95	228	1295459	39.24	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	465776	40.05	nq #	97
82) Chrysene	14.00	228	1397512	42.78	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	925614	45.52	nq #	92
84) Di-n-octyl phthalate	14.57	149	1651483	53.67	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1250962	41.82	nq	100
87) Benzo(b)fluoranthene	14.98	252	1381011m	38.87	nq	
88) Benzo(k)fluoranthene	15.00	252	1058024m	35.42	nq	
89) Benzo(a)pyrene	15.32	252	1204506	37.76	nq #	96
90) Dibenzo(a,h)anthracene	16.76	278	1061170	35.96	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1065855	35.03	nq	97

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



#1

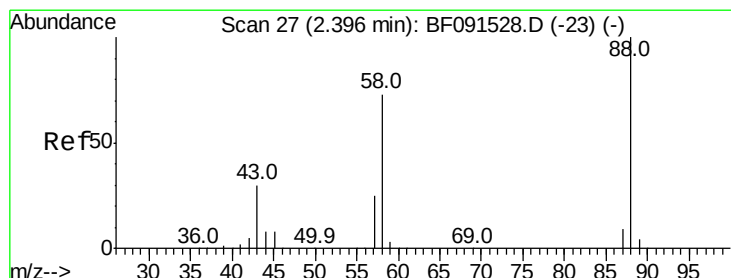
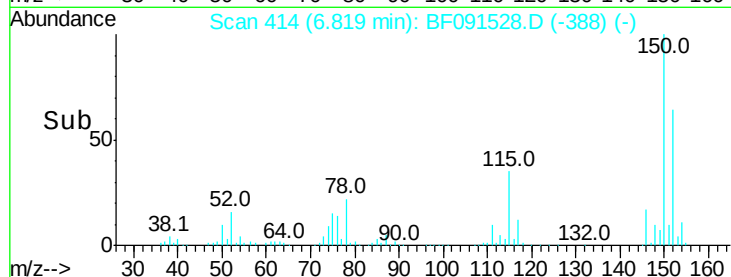
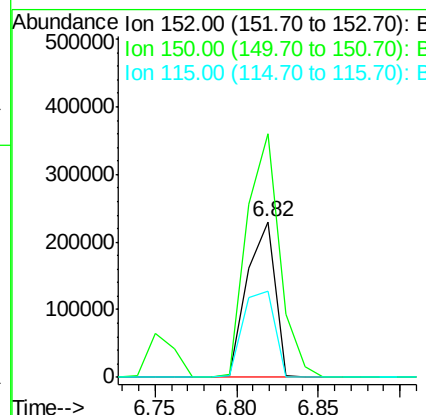
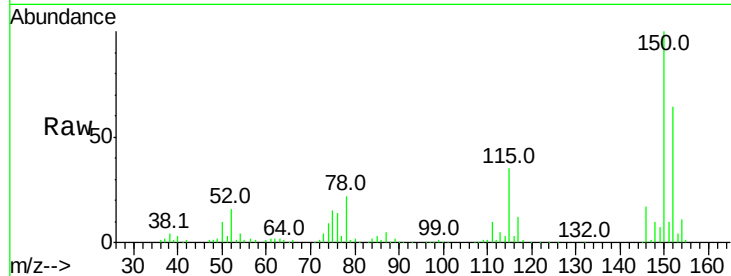
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.5	183.7
115	55.3	51.8	77.8

Manual Integrations
APPROVED

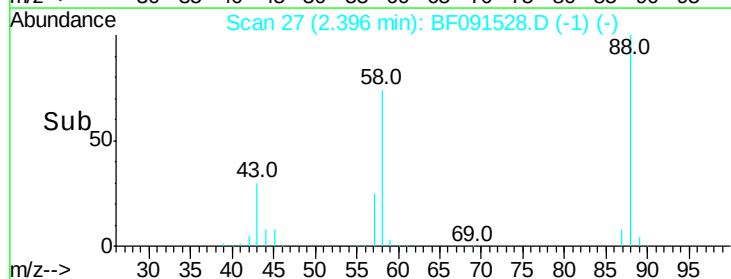
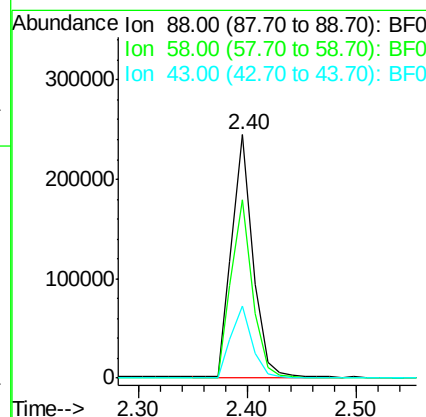
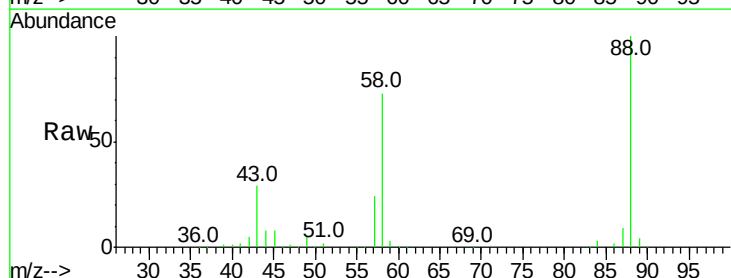
sohil
12/12/2016 6:49:30 PM

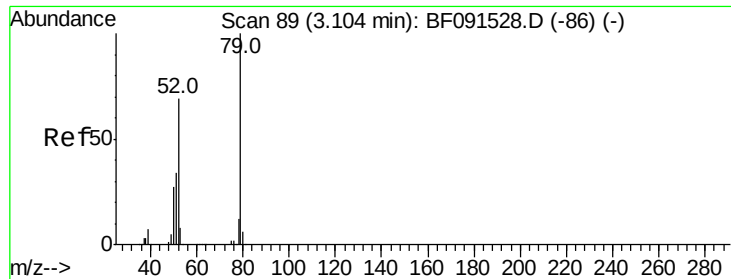


#2

1,4-Dioxane
Concen: 43.51 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	70.3	105.5
43	29.6	31.3	46.9#





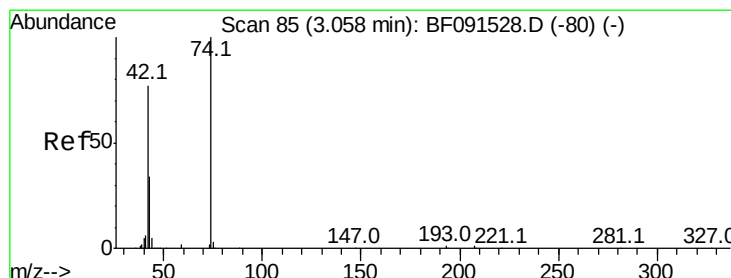
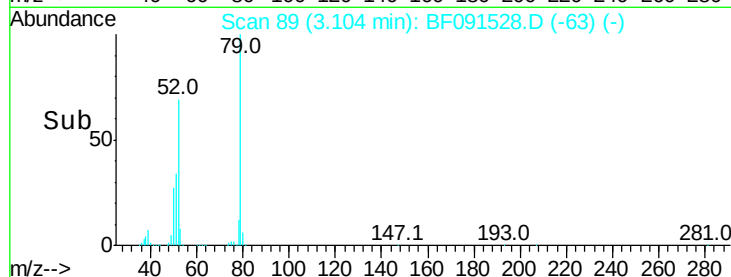
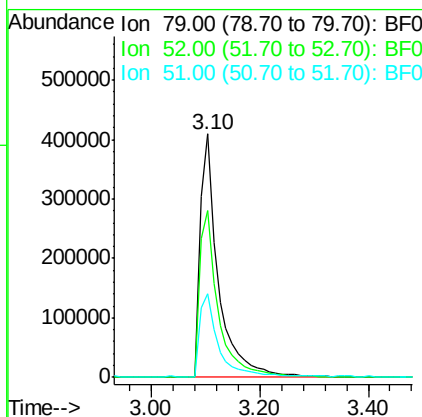
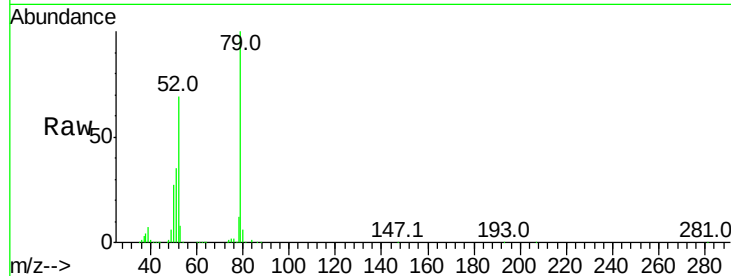
#3
 Pvridine
 Concen: 44.18 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion: 79 Resp: 940969
 Ion Ratio Lower Upper
 79 100
 52 68.6 71.0 106.4#
 51 34.5 37.0 55.4#

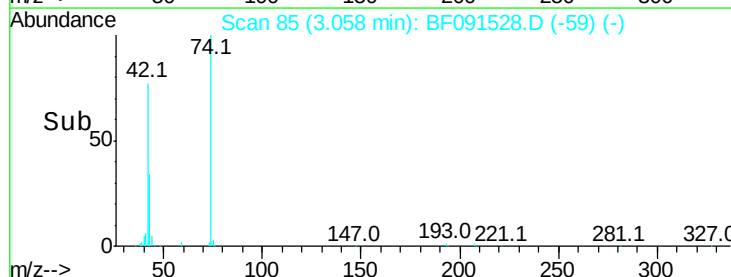
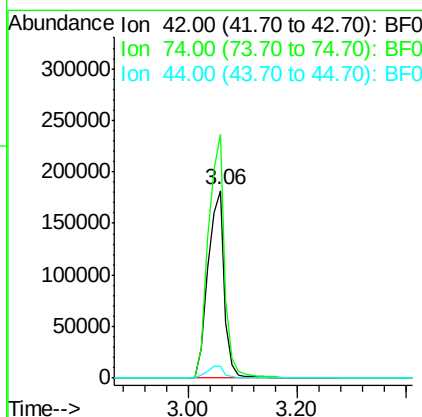
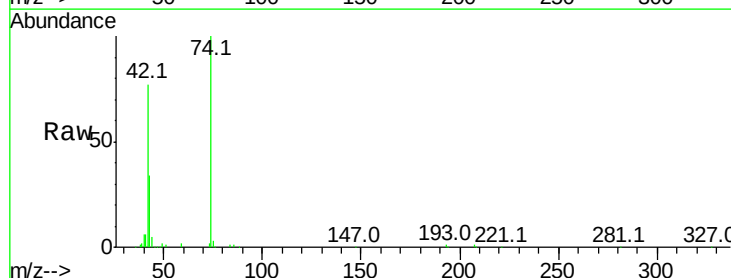
Manual Integrations
 APPROVED

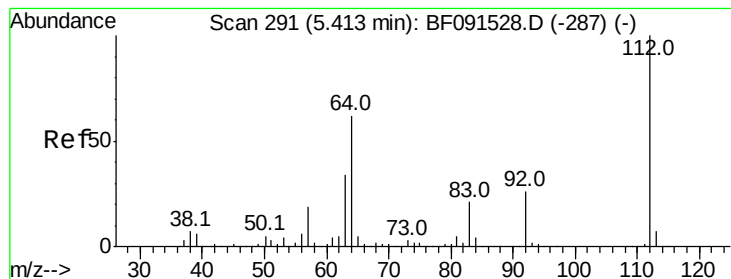
sohil
 12/12/2016 6:49:30 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.44 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion: 42 Resp: 384914
 Ion Ratio Lower Upper
 42 100
 74 129.8 78.9 118.3#
 44 6.4 5.8 8.6





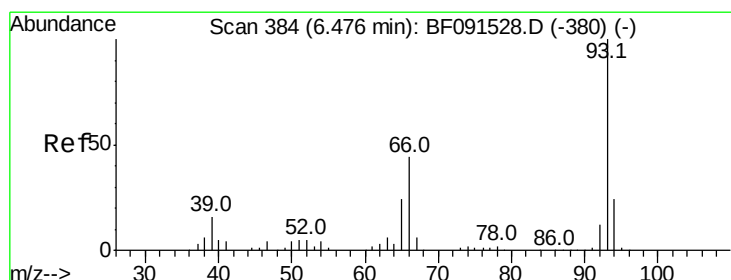
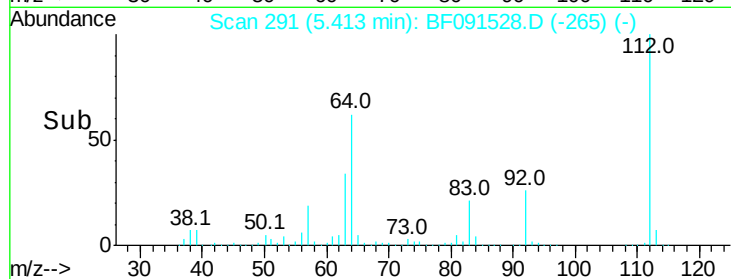
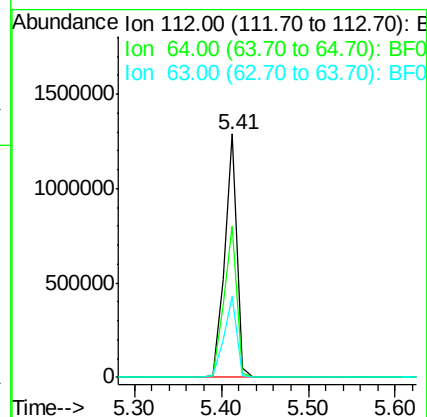
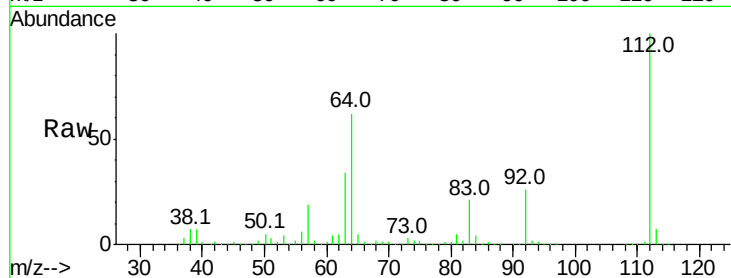
#5
 2-Fluorophenol
 Concen: 77.88 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	62.0	61.5	92.3
63	33.5	33.3	49.9

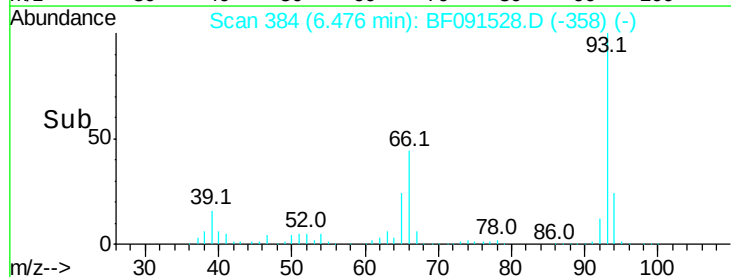
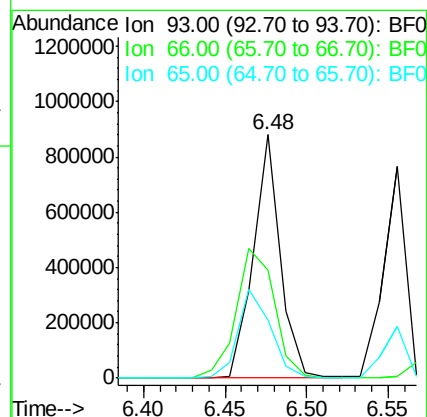
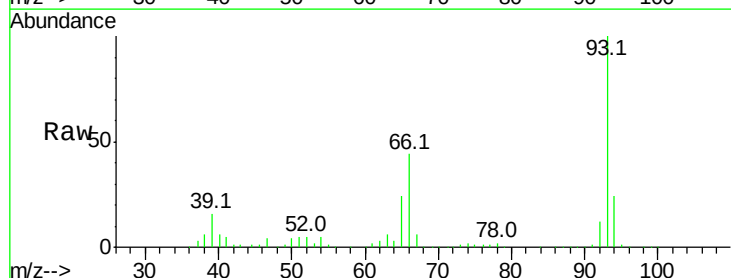
Manual Integrations
 APPROVED

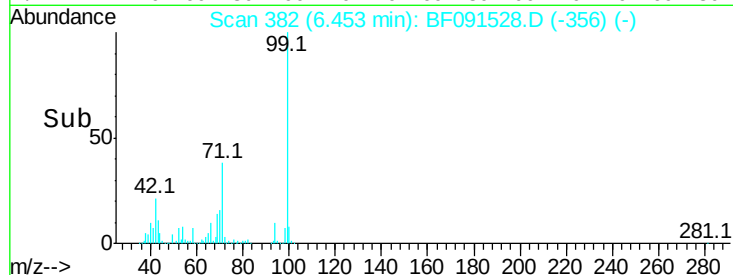
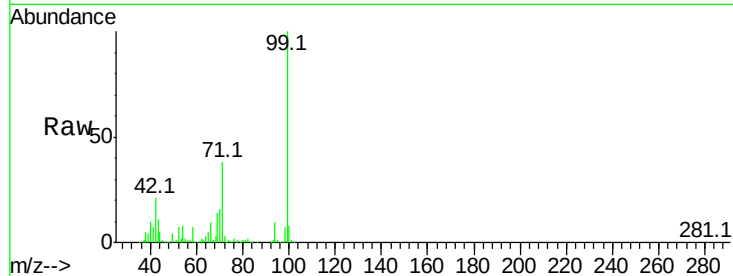
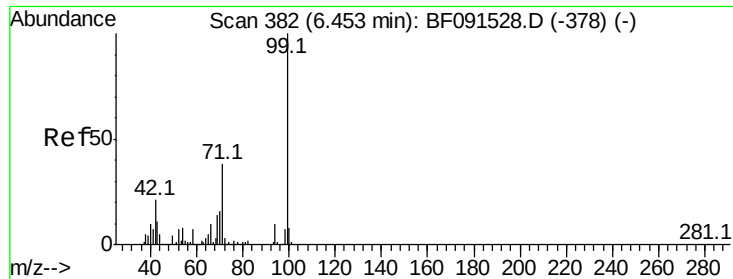
sohil
 12/12/2016 6:49:30 PM



#6
 Aniline
 Concen: 37.26 ng
 RT: 6.48 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.2	55.8	83.6#
65	24.0	29.9	44.9#





#7

Phenol-d6

Concen: 72.36 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Tot Ion: 99 Resp: 1481795

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

71 37.7 29.9 44.9

Instrument :

BNA_F

ClientSampleId :

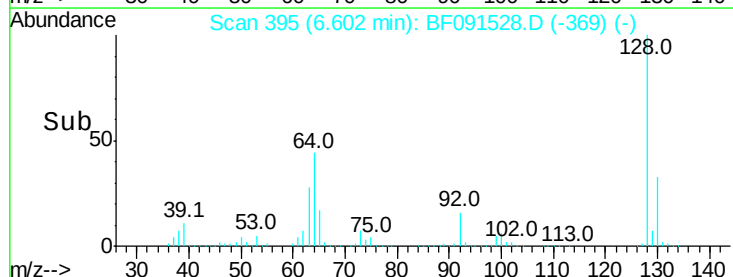
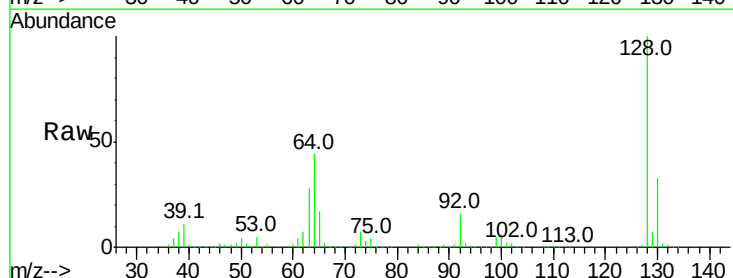
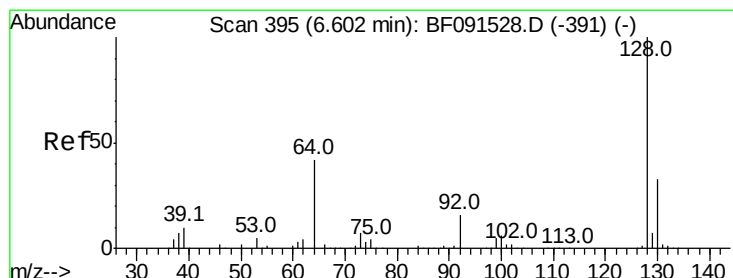
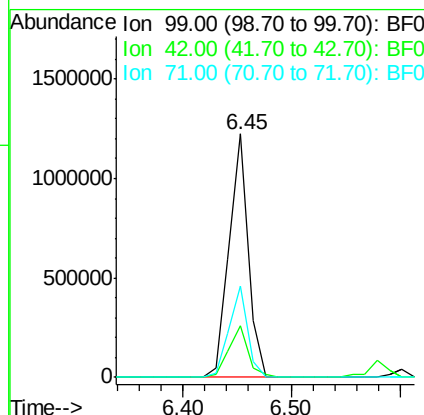
SSTDICCC040

Manual Integrations

APPROVED

sohil

12/12/2016 6:49:30 PM



#8

2-Chlorophenol

Concen: 40.32 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

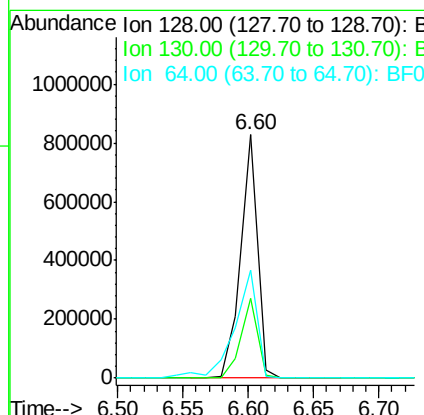
Tgt Ion:128 Resp: 735375

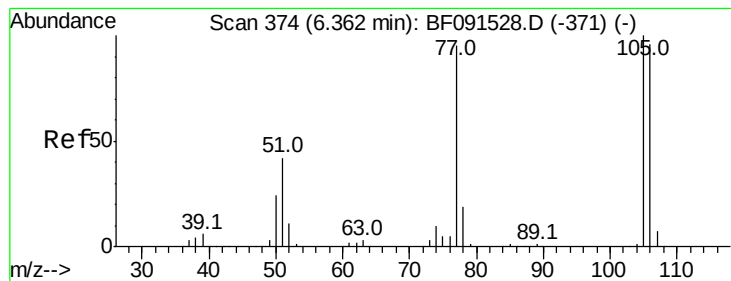
Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

64 44.4 24.1 64.1





#9

Benzaldehyde

Concen: 37.42 ng/ml

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 492811

Ion Ratio Lower Upper

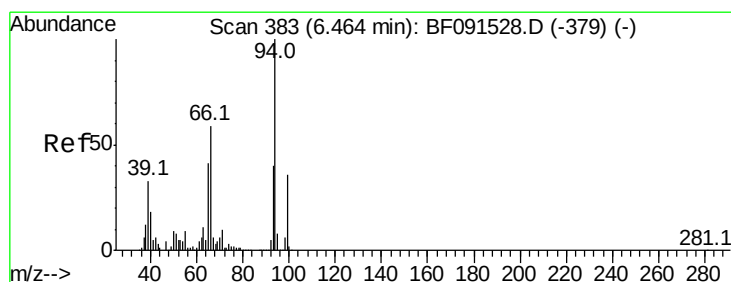
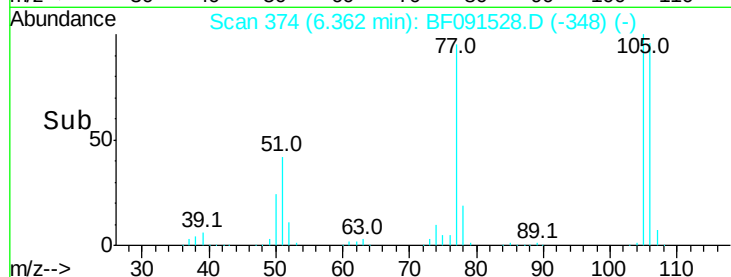
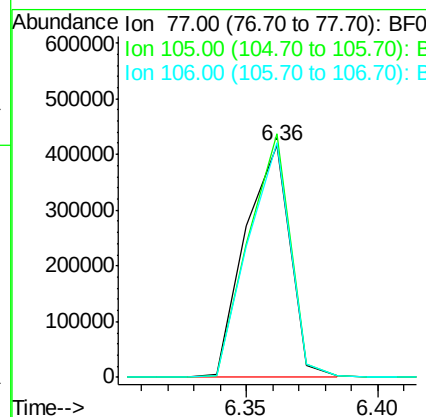
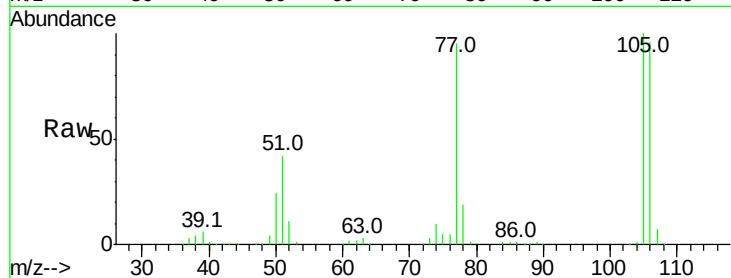
77 100

105 104.9 66.4 106.4

106 101.0 60.9 100.9#

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM



#10

Phenol

Concen: 32.83 ng/ml

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

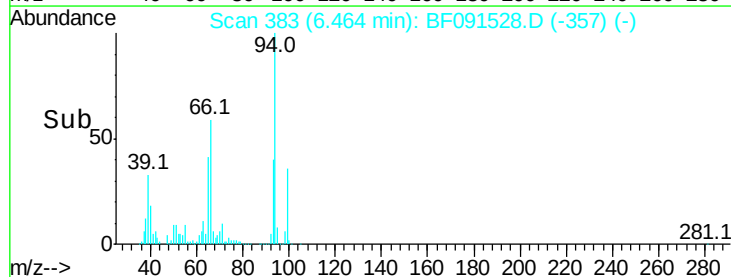
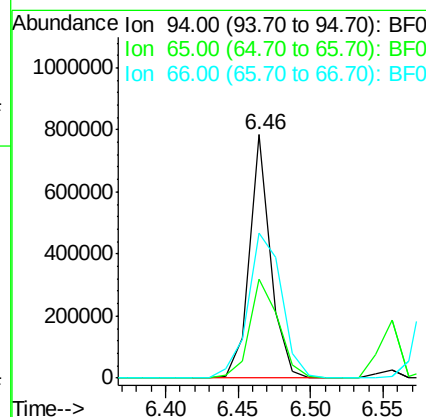
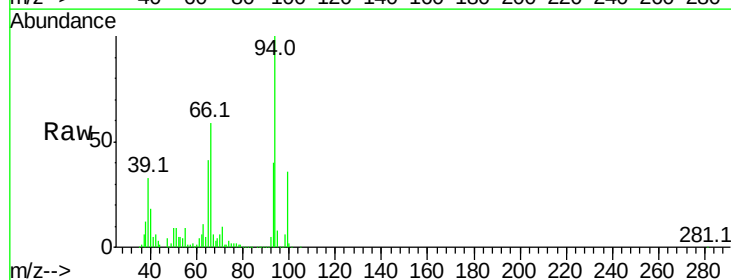
Tgt Ion: 94 Resp: 791108

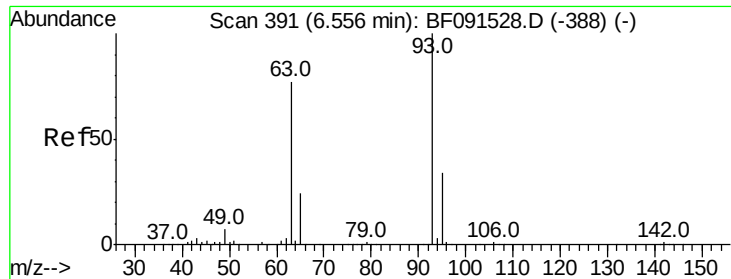
Ion Ratio Lower Upper

94 100

65 40.8 16.9 56.9

66 59.5 30.6 70.6





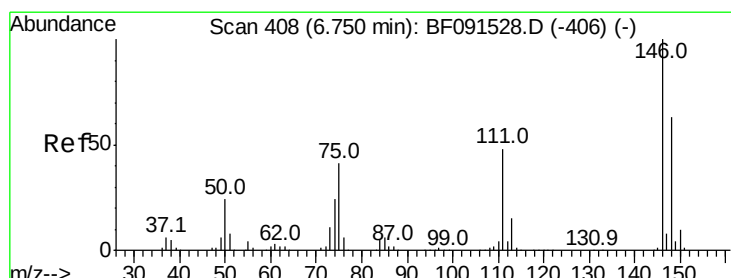
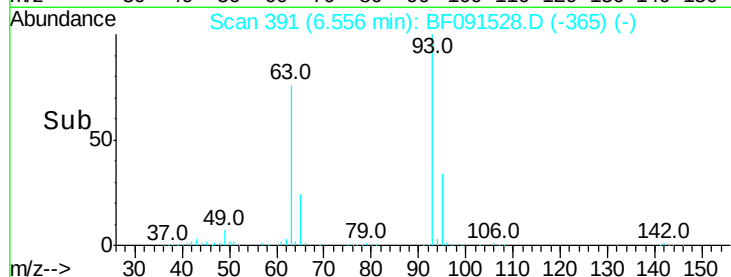
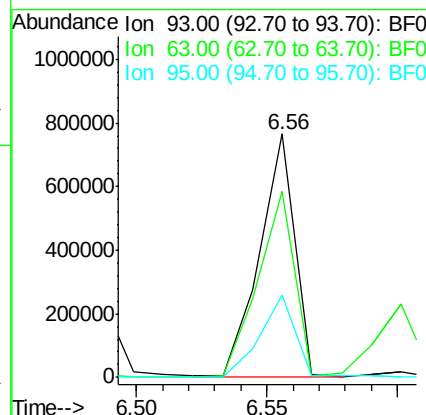
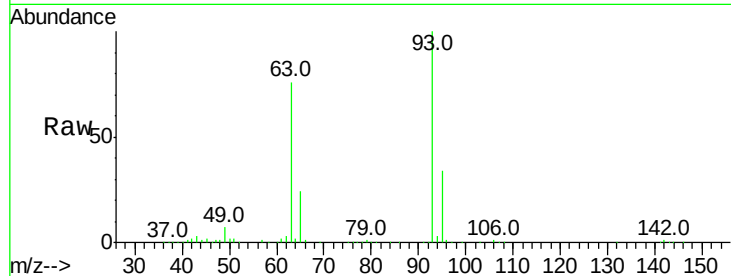
#11
bis(2-Chloroethyl)ether
Concen: 41.78 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	74.8	114.8
95	33.7	12.4	52.4

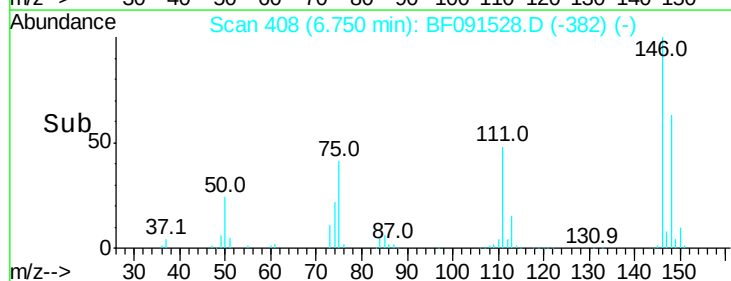
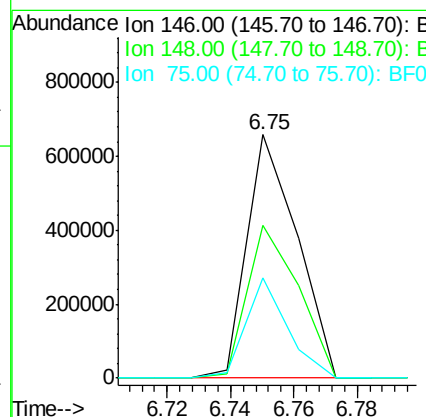
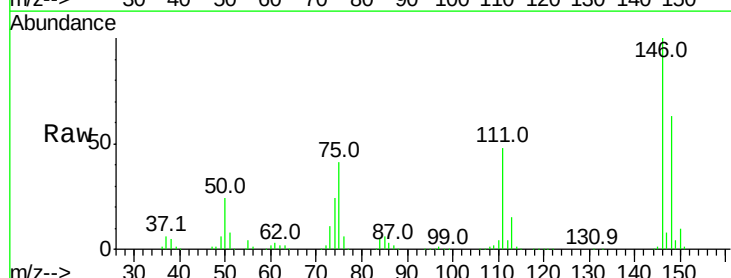
Manual Integrations
APPROVED

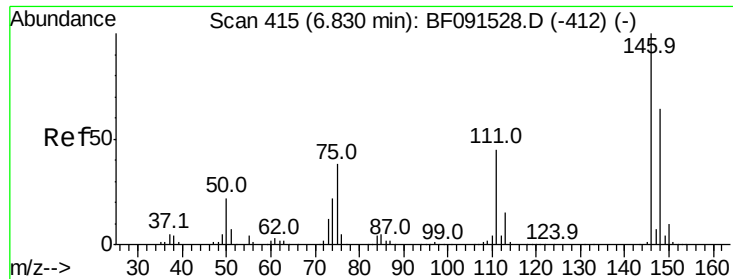
sohil
12/12/2016 6:49:30 PM



#12
1,3-Dichlorobenzene
Concen: 35.87 ng m
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
75	41.3	23.6	35.4#





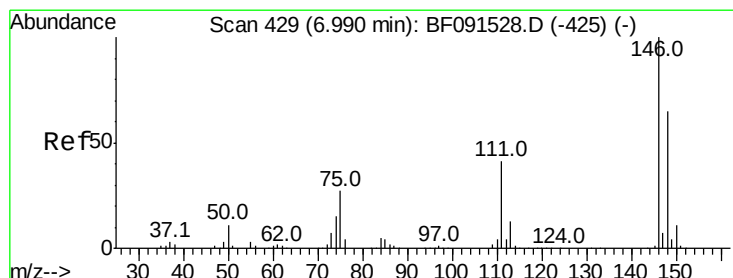
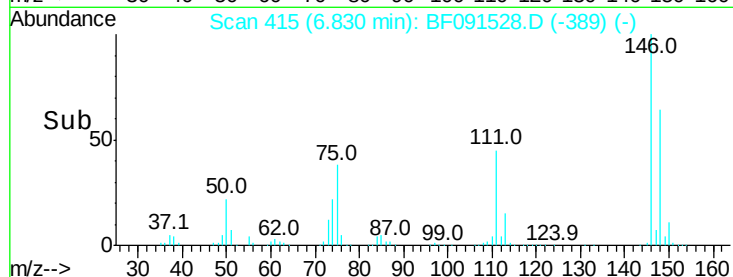
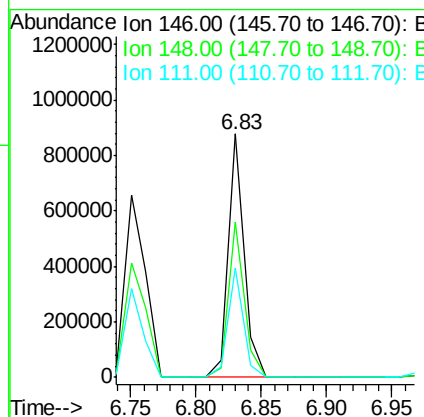
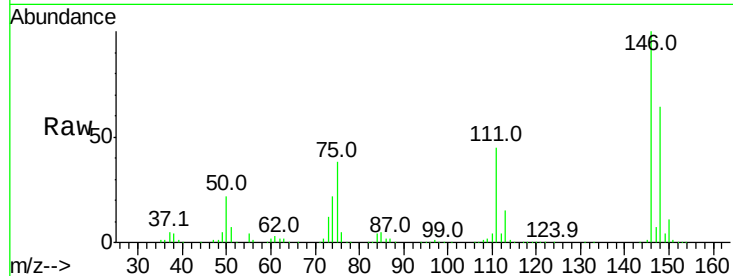
#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	44.9	32.2	48.2

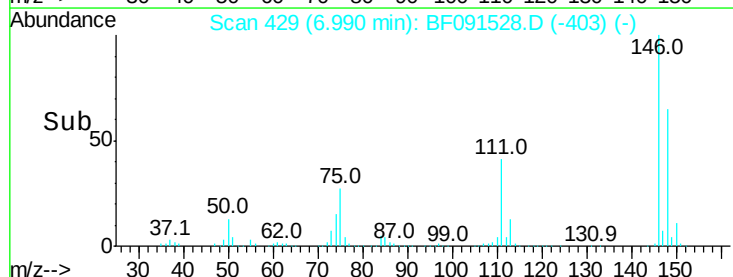
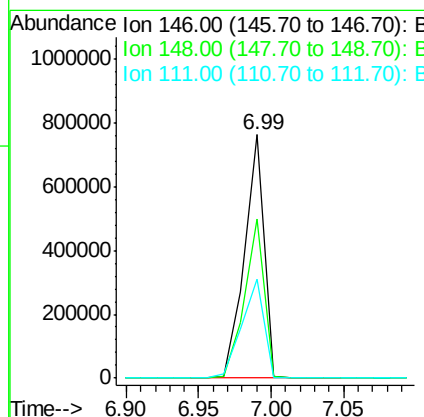
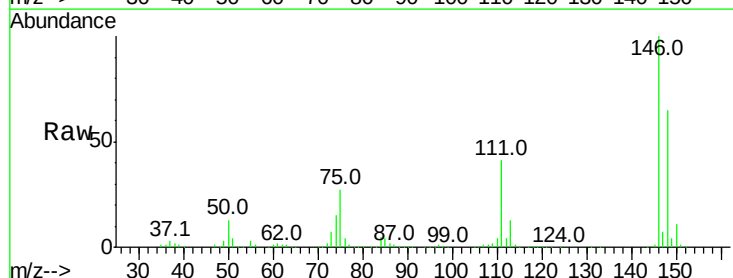
Manual Integrations
 APPROVED

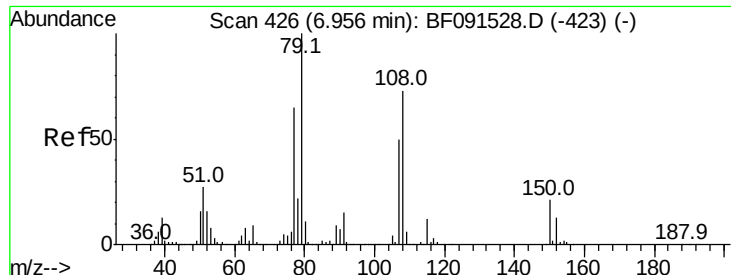
sohil
 12/12/2016 6:49:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	40.7	38.9	58.3





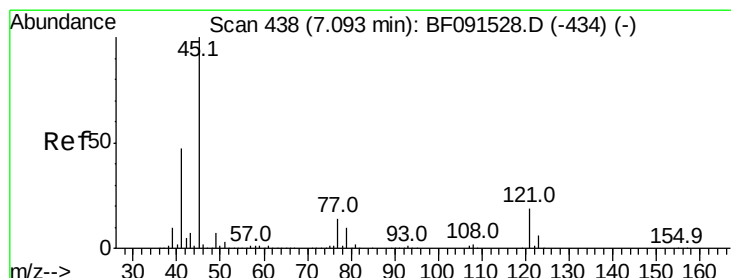
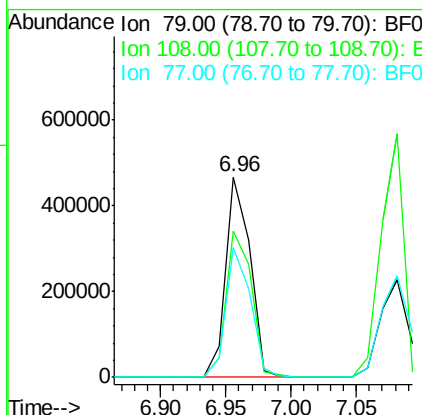
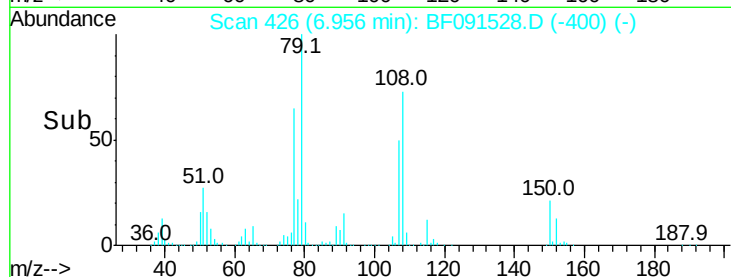
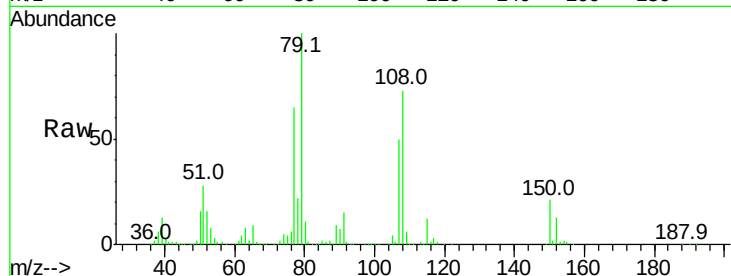
#15
Benzyl Alcohol
Concen: 36.98 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 79 Resp: 606072
Ion Ratio Lower Upper
79 100
108 73.0 62.7 94.1
77 64.8 51.7 77.5

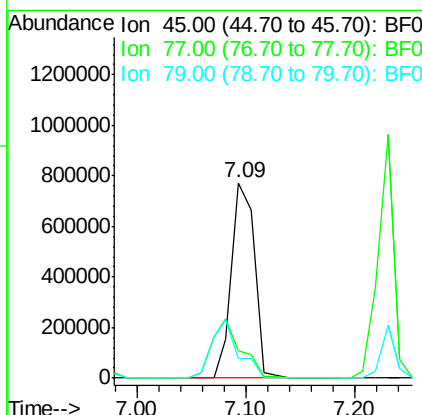
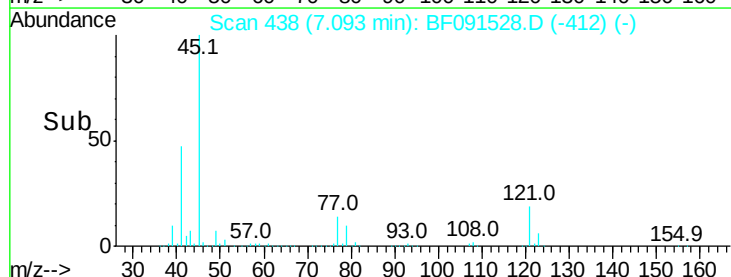
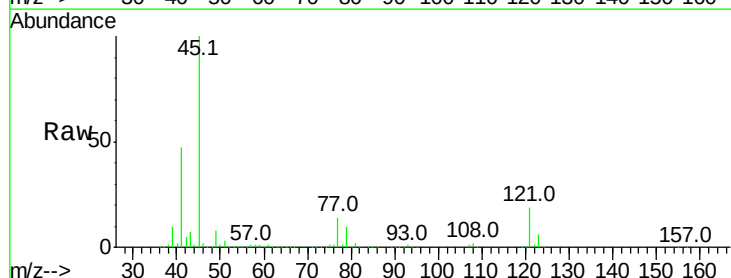
Manual Integrations
APPROVED

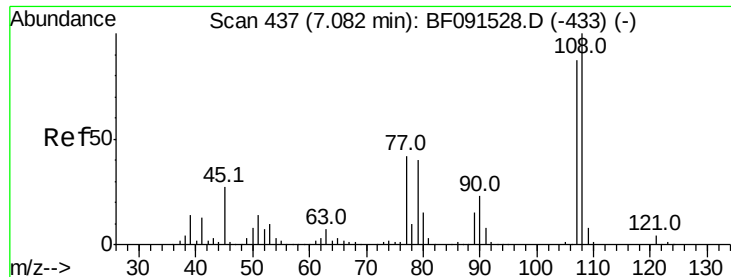
sohil
12/12/2016 6:49:30 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.01 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion: 45 Resp: 1111113
Ion Ratio Lower Upper
45 100
77 13.7 3.8 43.8
79 10.3 0.2 40.2





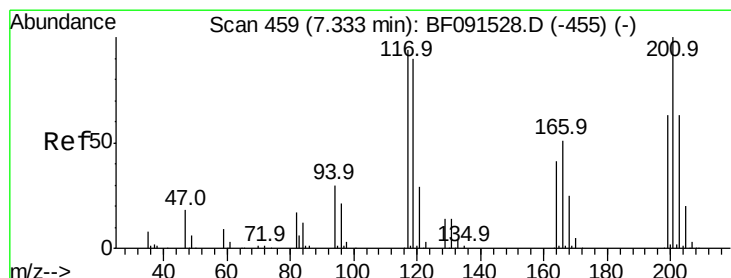
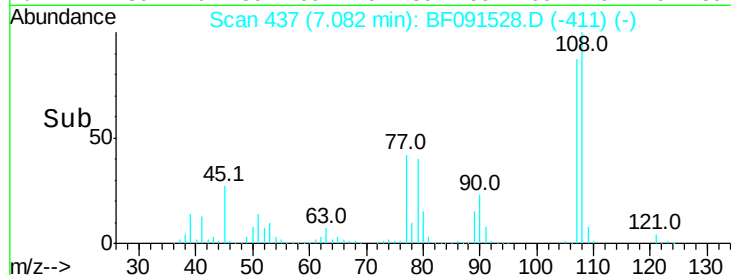
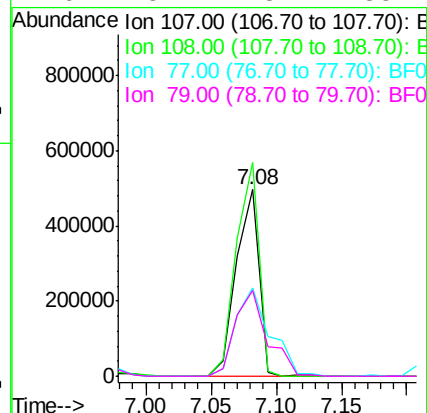
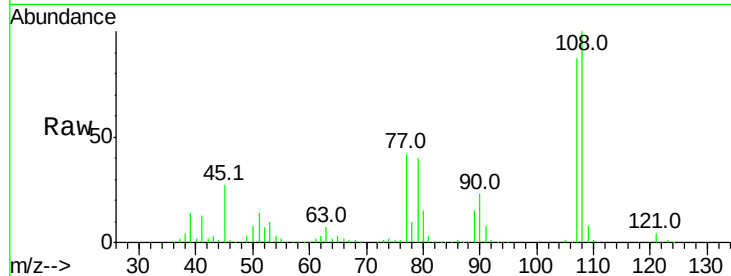
#17
2-Methylphenol
Concen: 41.53 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	67.7	101.5#
77	47.5	40.7	61.1
79	45.7	23.4	35.2#

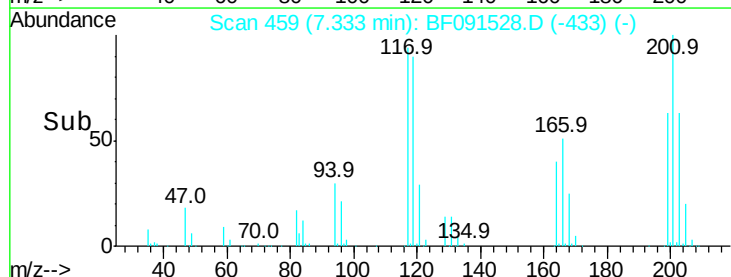
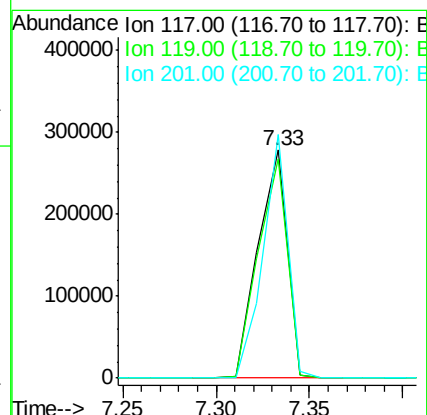
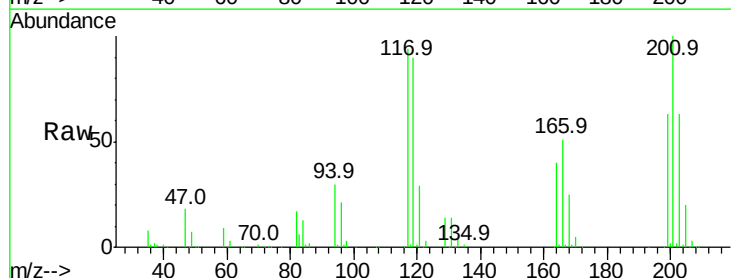
Manual Integrations
APPROVED

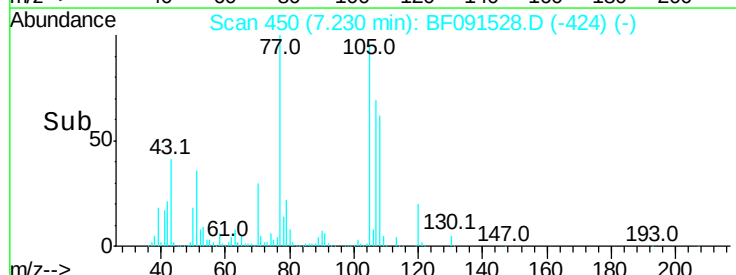
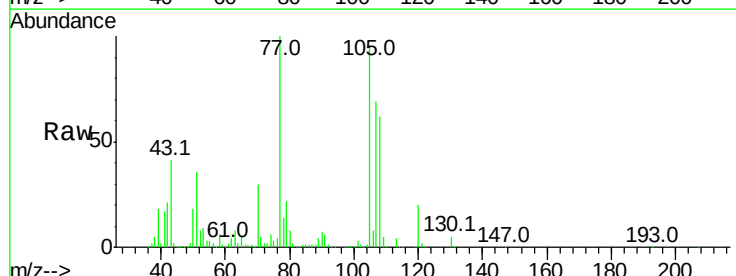
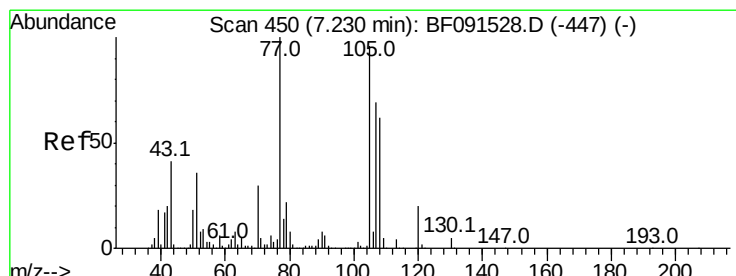
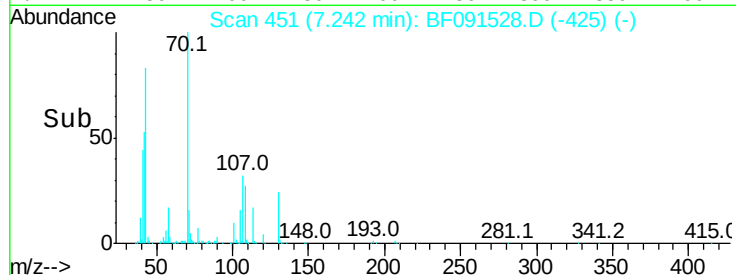
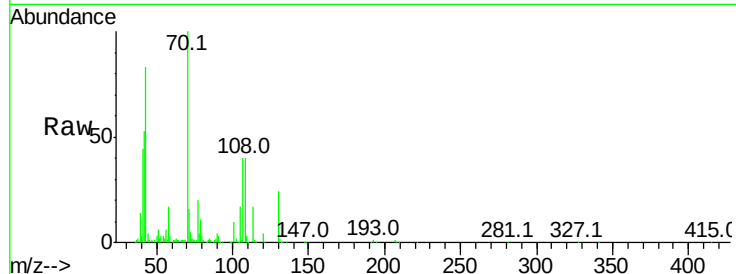
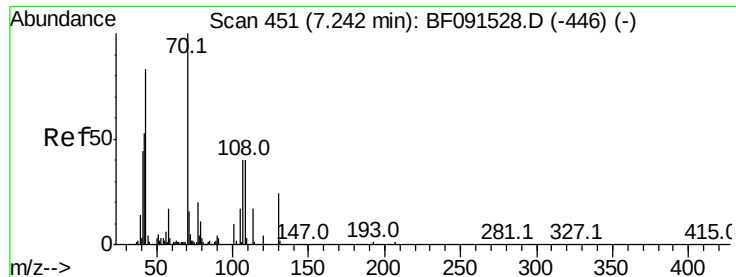
sohil
12/12/2016 6:49:30 PM



#18
Hexachloroethane
Concen: 41.83 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.6	118.0
201	106.9	86.7	130.1





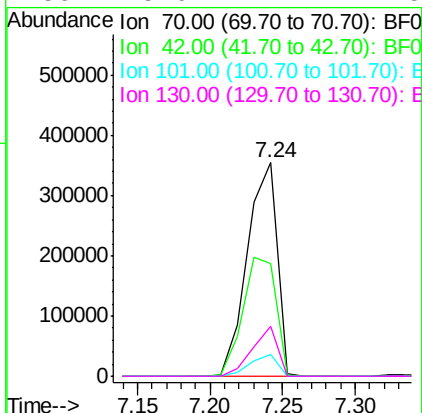
#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	64.8	97.2#
101	10.4	6.2	9.4#
130	23.6	11.7	17.5#

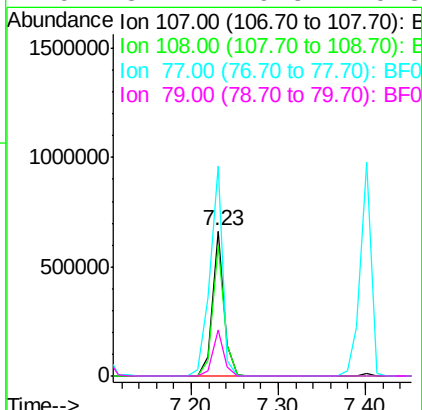
Manual Integrations
APPROVED

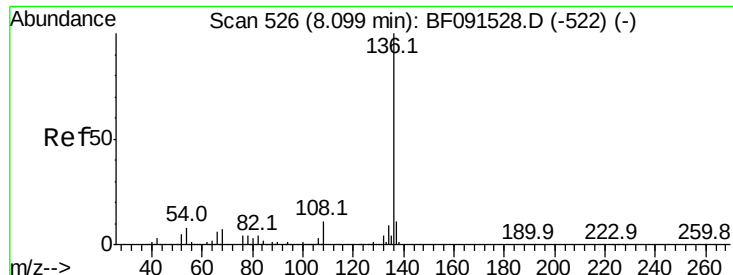
sohil
12/12/2016 6:49:30 PM



#20
3+4-Methylphenols
Concen: 35.28 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	64.6	104.6
77	144.9	30.9	70.9#
79	31.7	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

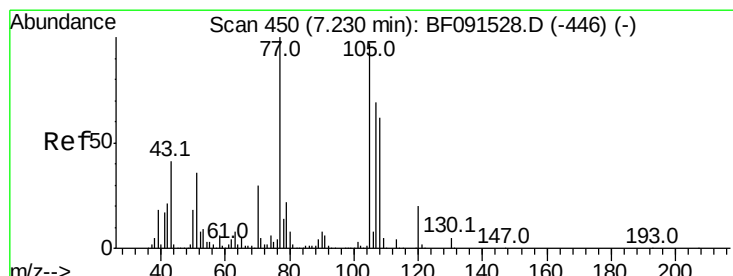
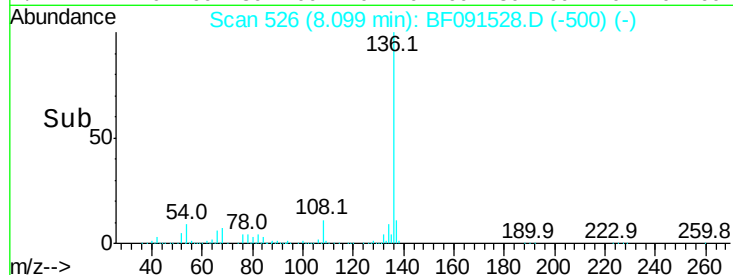
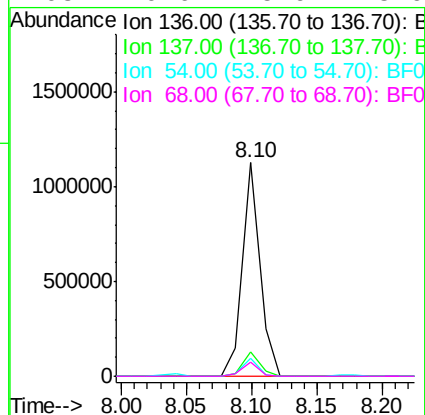
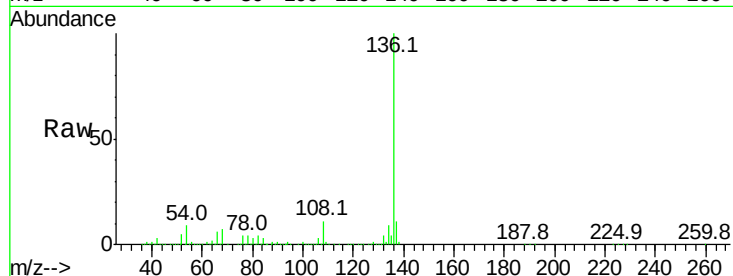
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	9.1	13.7#
68	6.6	5.9	8.9

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM



#22

Acetophenone

Concen: 38.75 ng

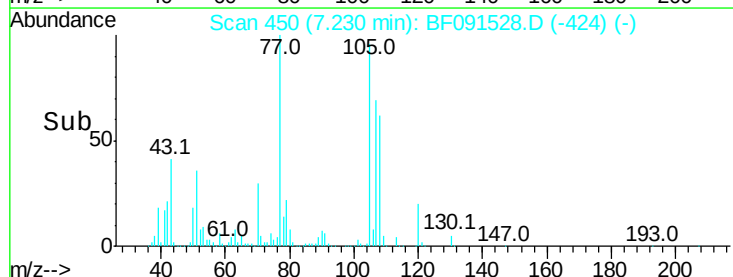
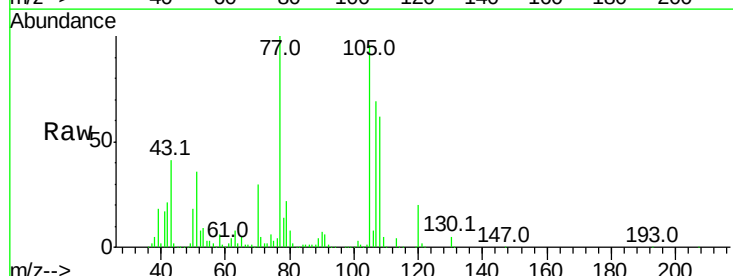
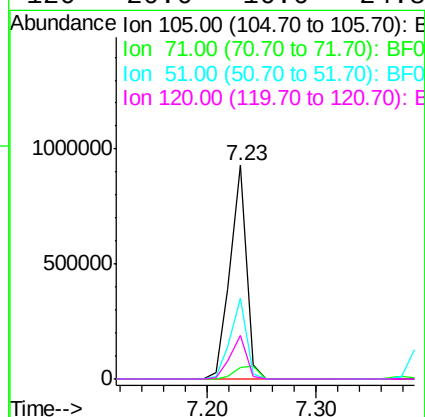
RT: 7.23 min Scan# 450

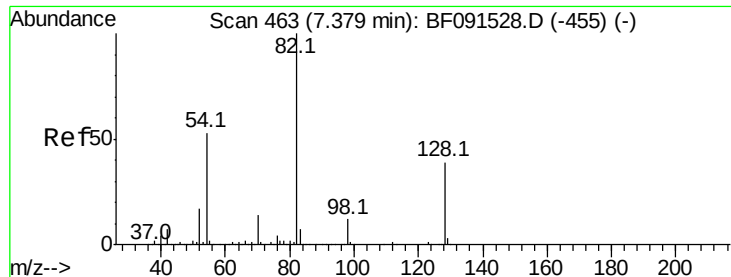
Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.9	11.9#
51	37.8	24.5	36.7#
120	20.6	16.6	24.8





#23

Nitrobenzene-d5

Concen: 79.06 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1484511

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

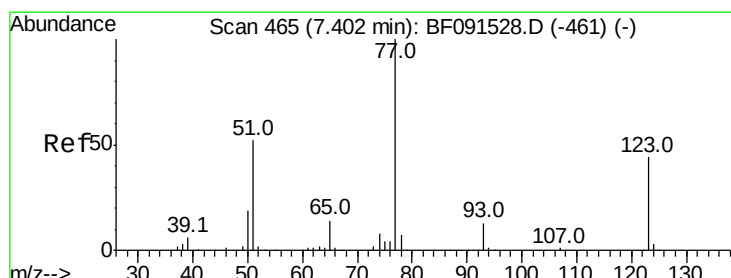
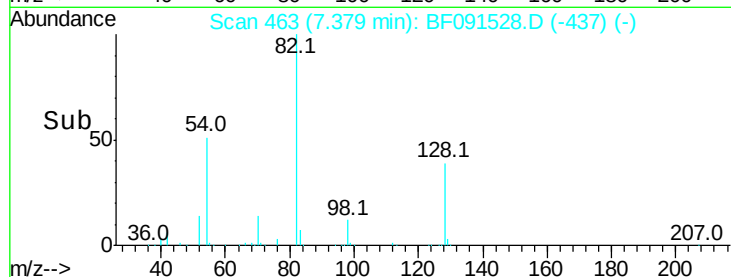
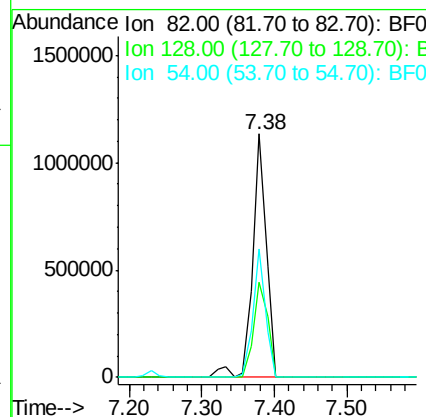
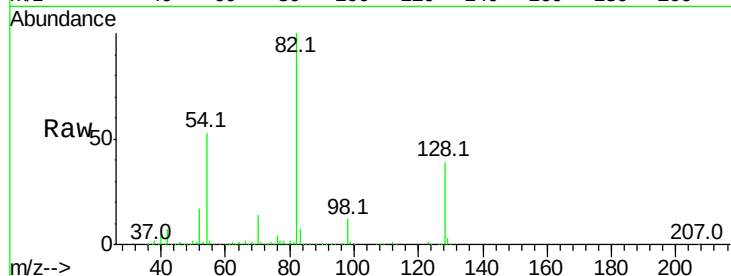
54 52.6 49.1 73.7

Manual Integrations

APPROVED

sohil

12/12/2016 6:49:30 PM



#24

Nitrobenzene

Concen: 44.44 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

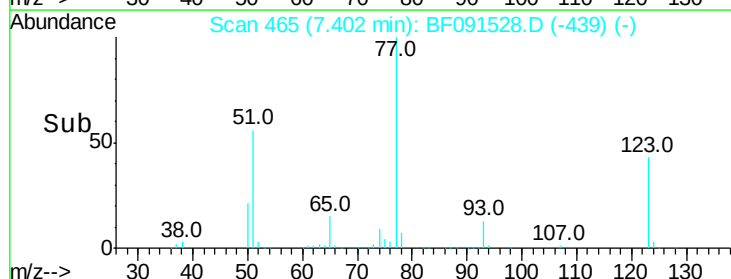
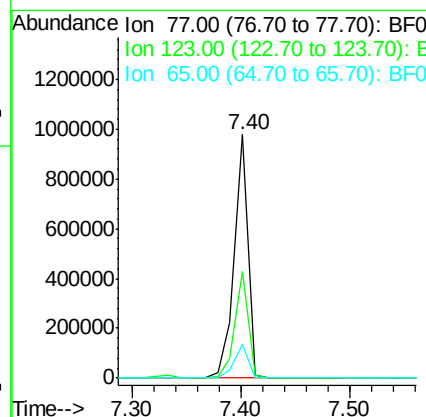
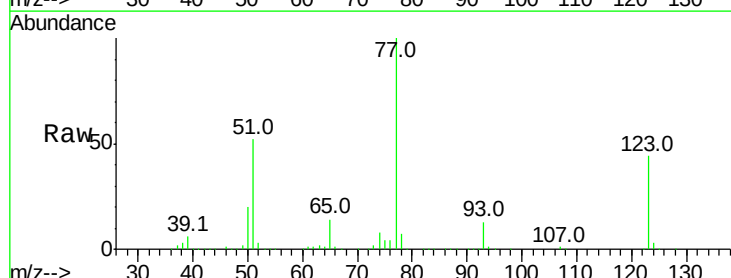
Tgt Ion: 77 Resp: 854273

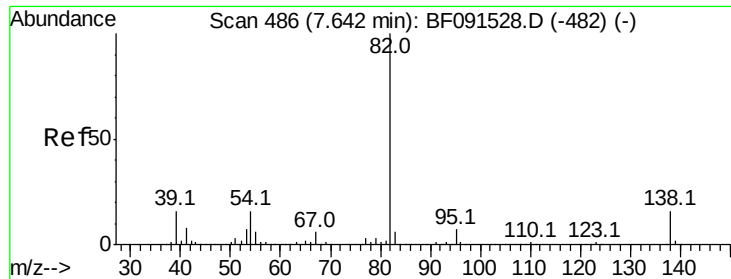
Ion Ratio Lower Upper

77 100

123 43.7 28.5 42.7#

65 13.8 12.5 18.7





#25

Isophorone

Concen: 39.70 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1320741

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

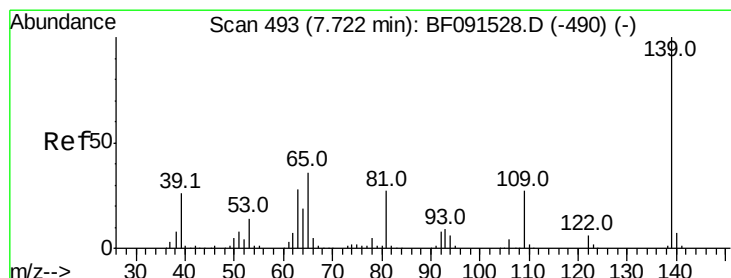
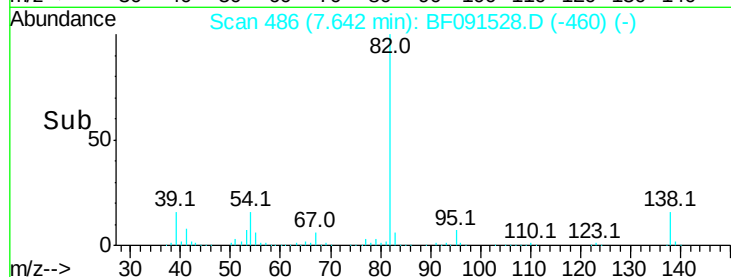
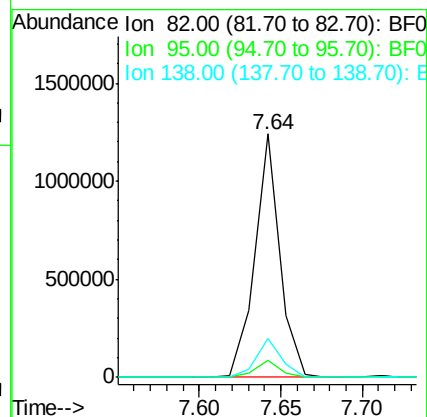
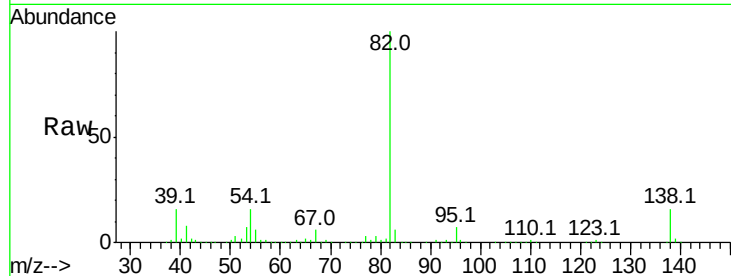
138 15.9 13.4 20.0

Manual Integrations

APPROVED

sohil

12/12/2016 6:49:30 PM



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

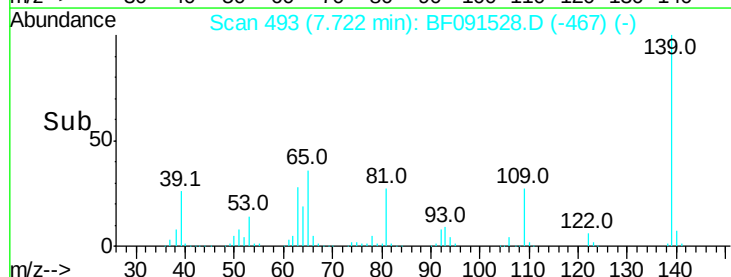
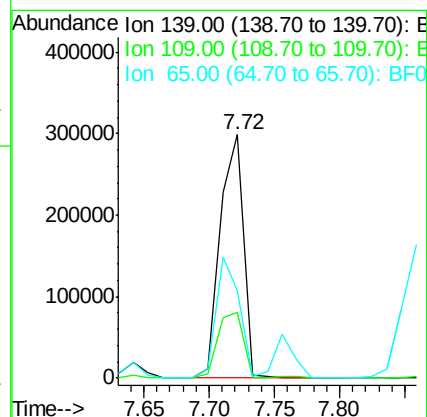
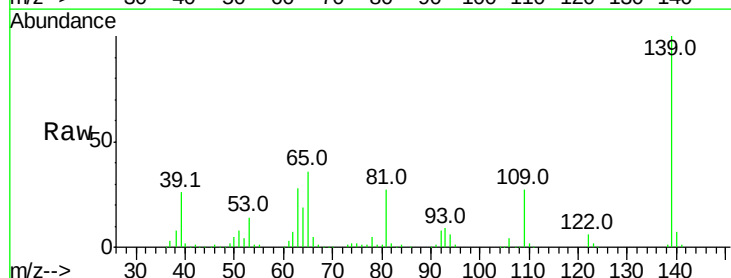
Tgt Ion: 139 Resp: 373607

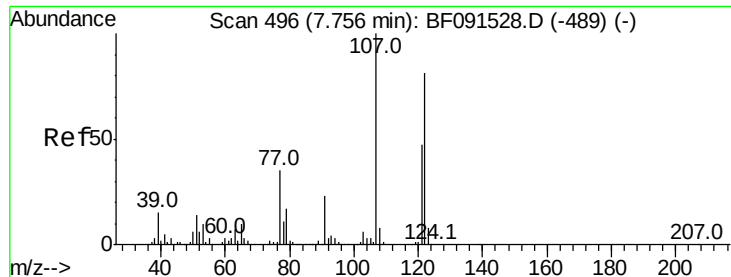
Ion Ratio Lower Upper

139 100

109 26.7 25.3 37.9

65 35.7 55.4 83.2#





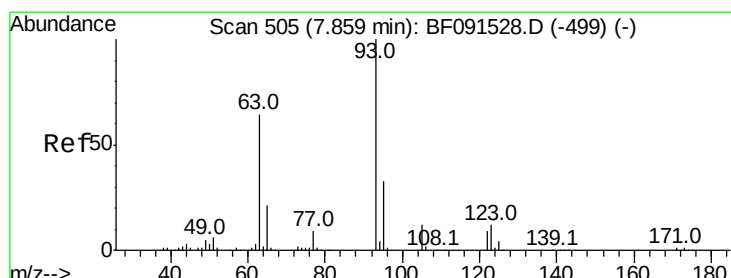
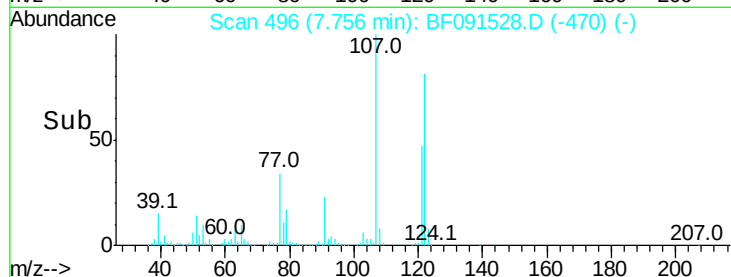
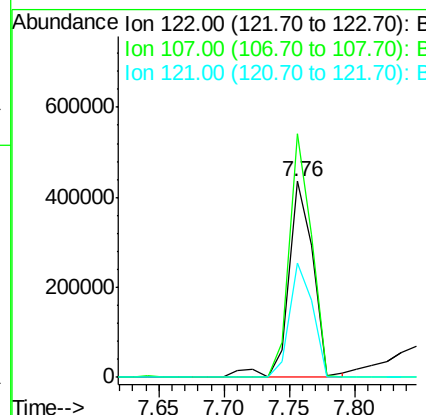
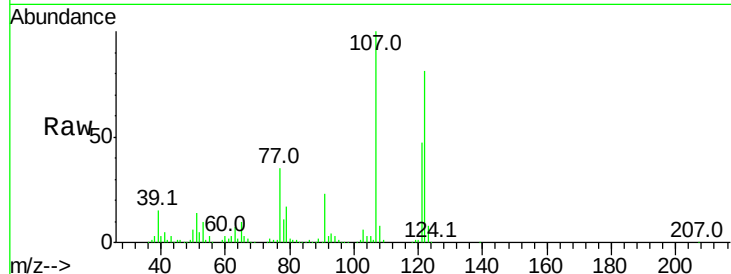
#27
2,4-Dimethylphenol
Concen: 35.08 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	574973		
107	124.1	96.8	145.2	
121	58.4	47.7	71.5	

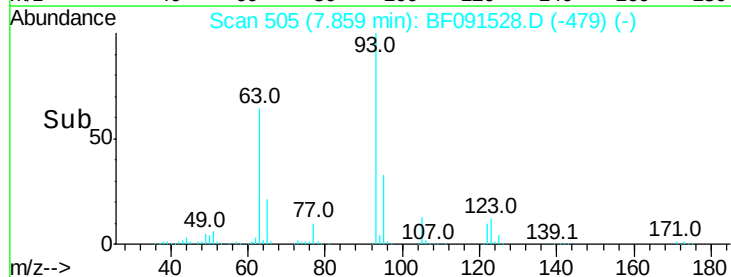
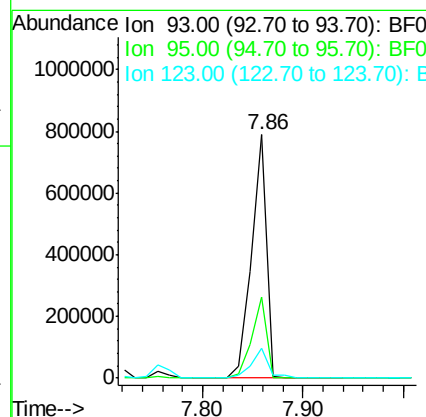
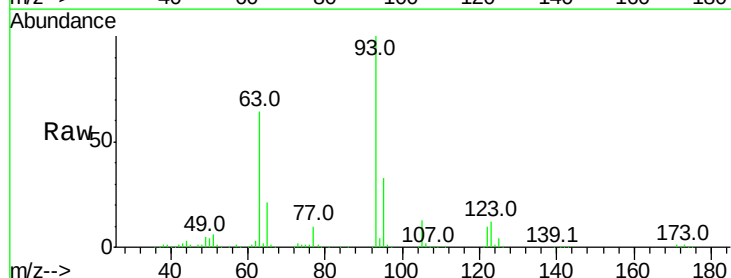
Manual Integrations
APPROVED

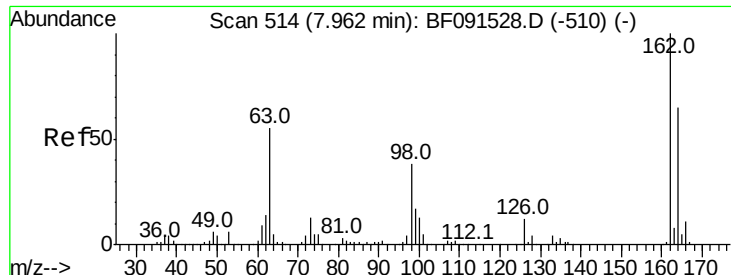
sohil
12/12/2016 6:49:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.59 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	812820		
95	33.1	26.0	39.0	
123	12.3	8.6	12.8	





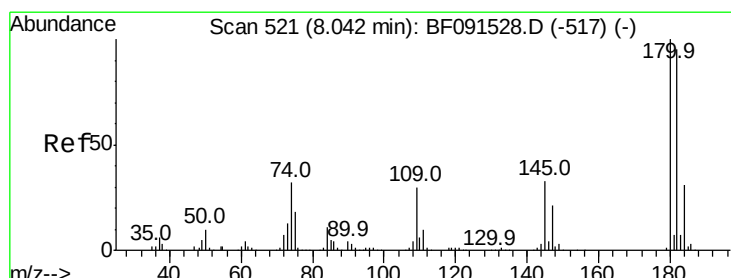
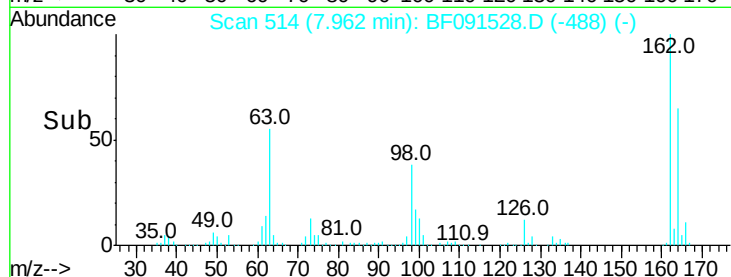
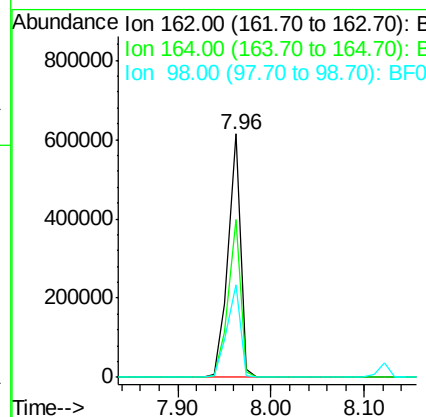
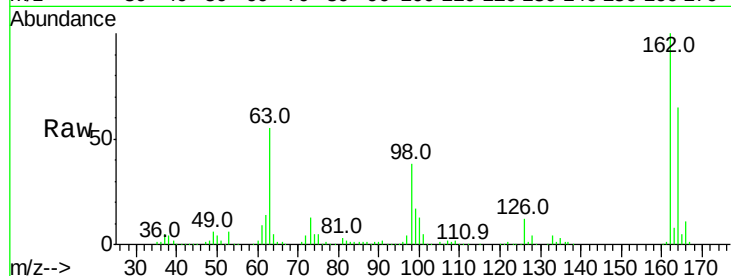
#29
 2,4-Dichlorophenol
 Concen: 39.60 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	45.0	85.0
98	38.0	21.3	61.3

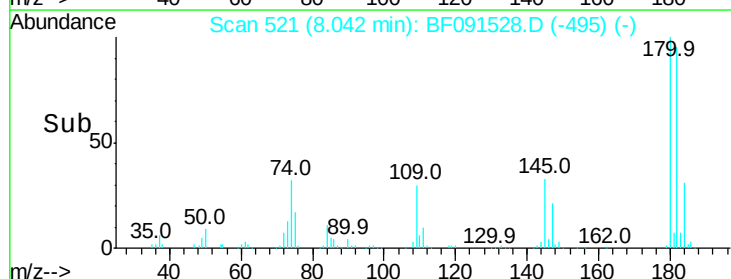
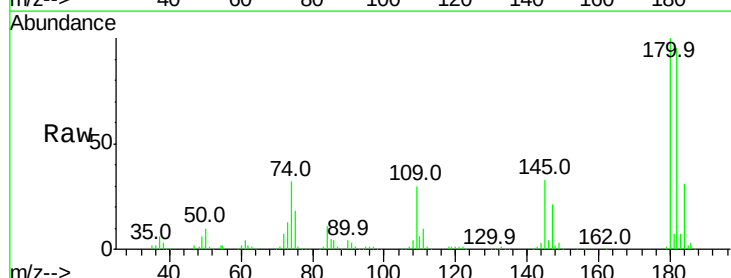
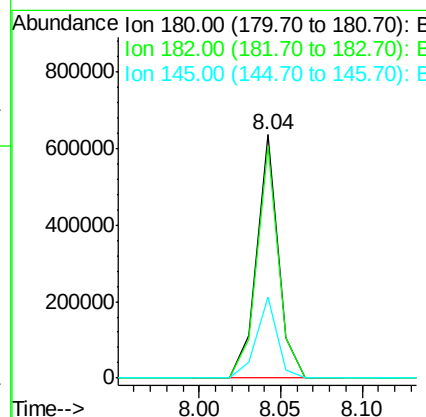
Manual Integrations
 APPROVED

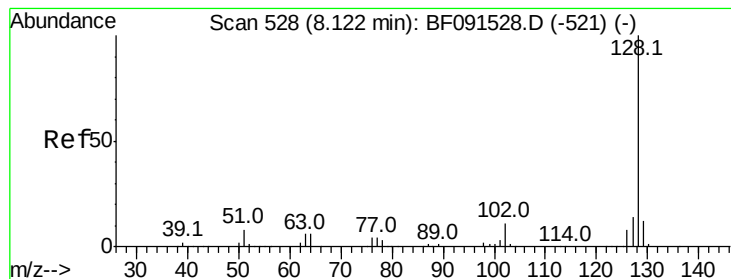
sohil
 12/12/2016 6:49:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.22 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	75.8	113.8
145	33.5	27.0	40.4





#31

Naphthalene

Concen: 37.44 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1872491

Ion Ratio Lower Upper

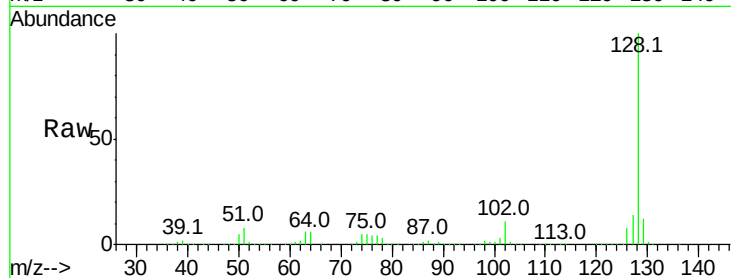
128 100

129 11.6 9.1 13.7

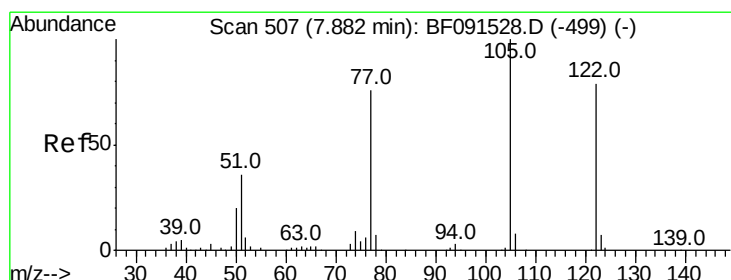
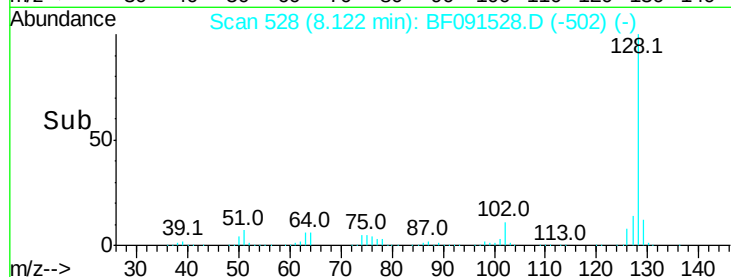
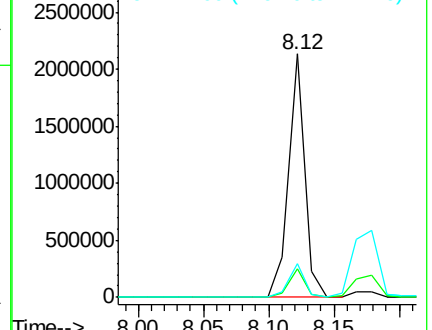
127 13.7 11.0 16.4

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.14 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

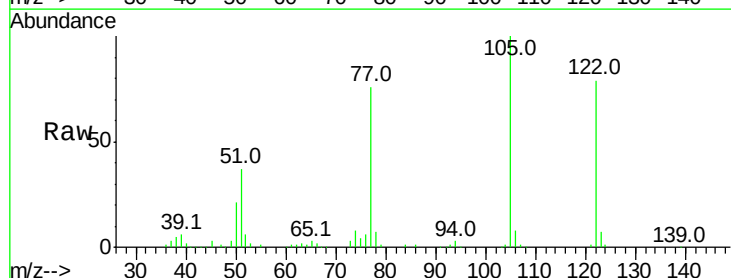
Tgt Ion:122 Resp: 412447

Ion Ratio Lower Upper

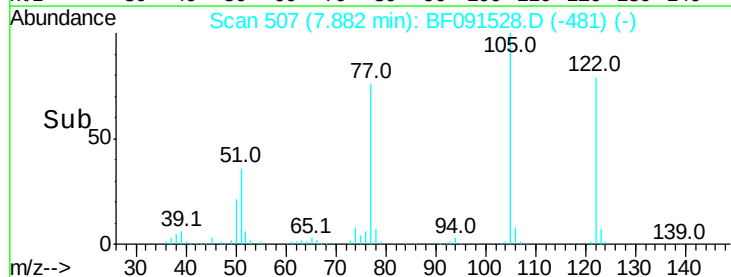
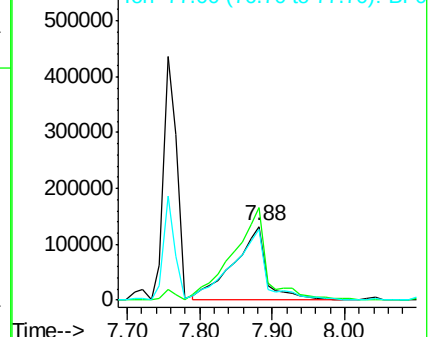
122 100

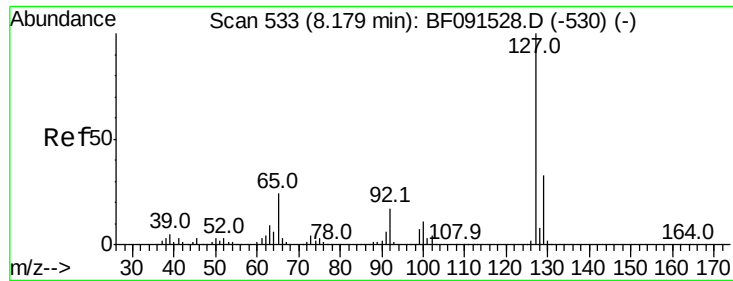
105 126.1 113.0 153.0

77 96.4 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





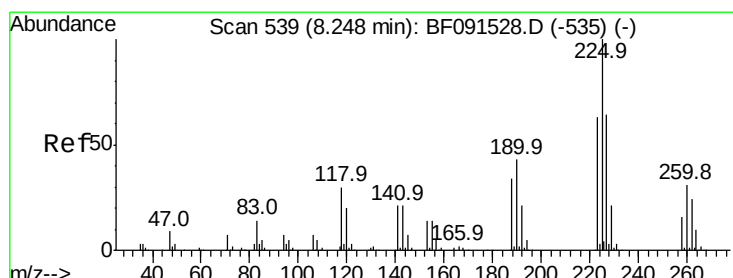
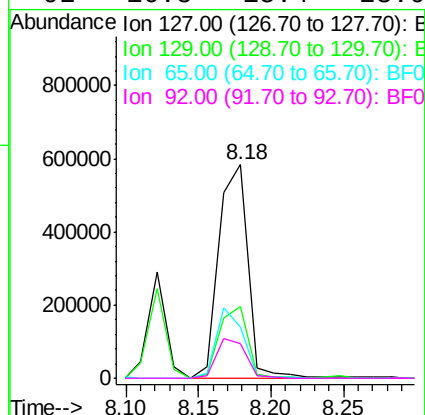
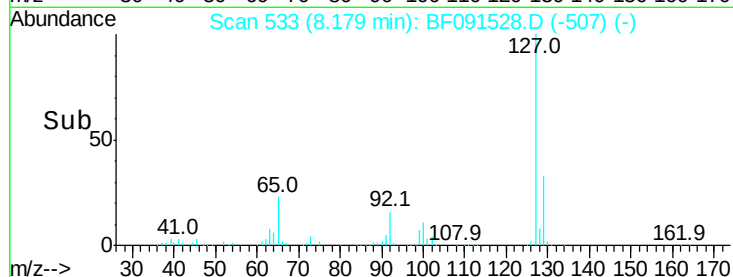
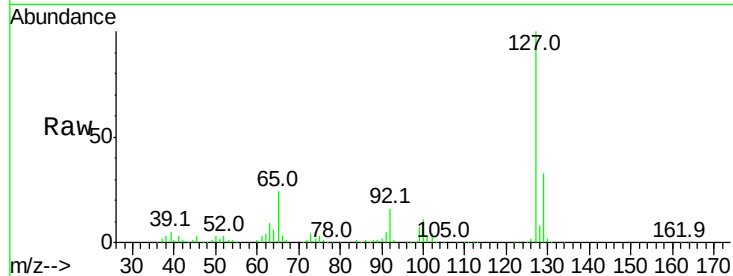
#33
 4-Chloroaniline
 Concen: 37.87 ng
 RT: 8.18 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	26.2	39.4	
65	23.8	26.6	39.8	
92	16.5	15.4	23.0	

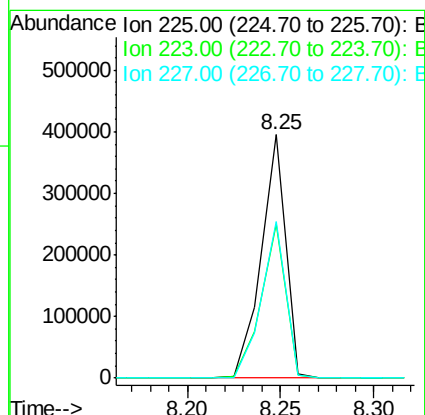
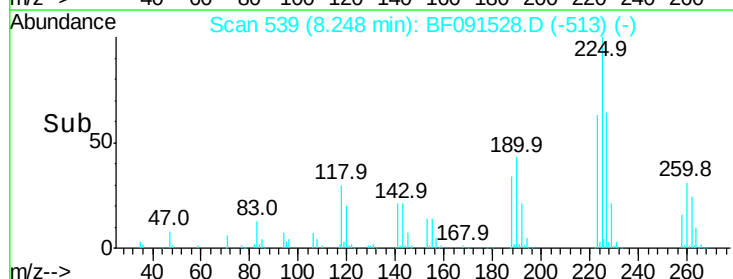
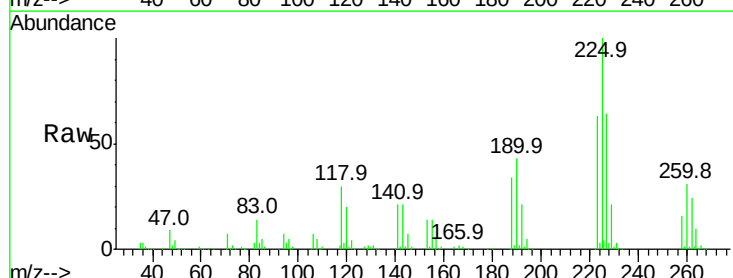
Manual Integrations
 APPROVED

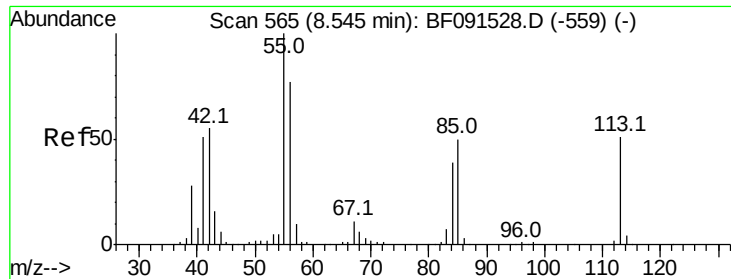
sohil
 12/12/2016 6:49:30 PM



#34
 Hexachlorobutadiene
 Concen: 35.88 ng
 RT: 8.25 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.8	74.6	
227	64.5	52.6	79.0	





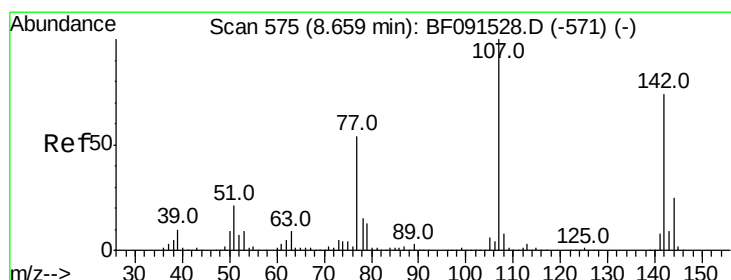
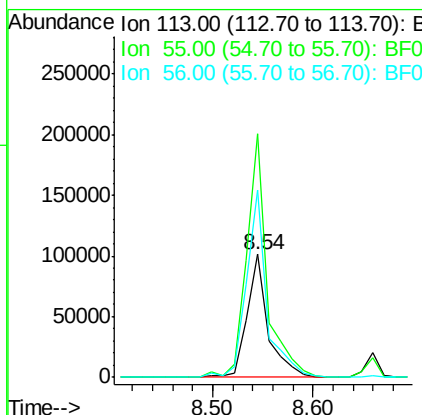
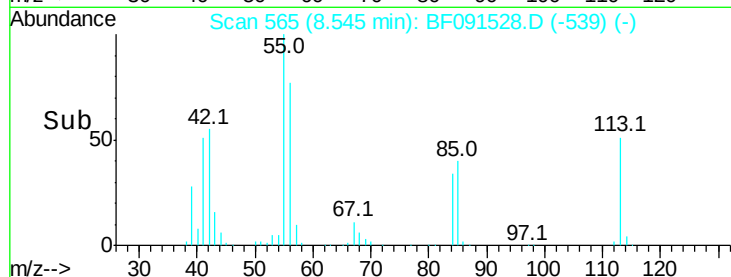
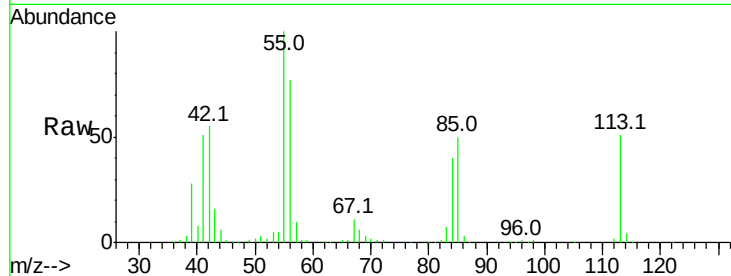
#35
 Caprolactam
 Concen: 35.57 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.5	239.8	279.8#
56	151.7	165.6	205.6#

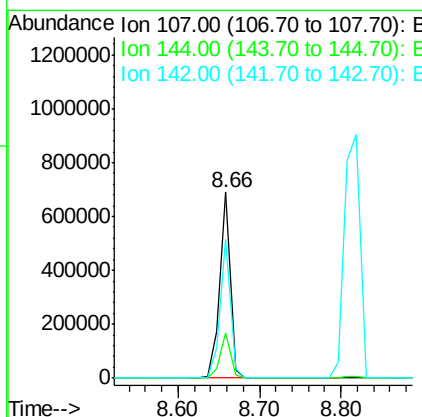
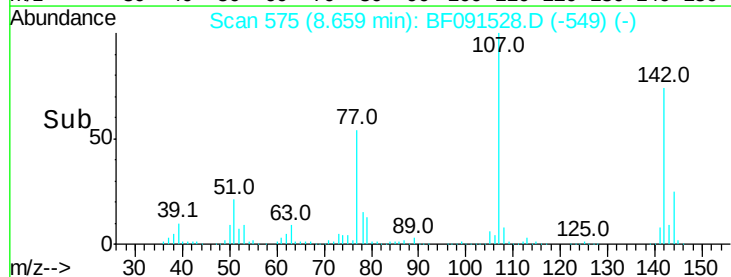
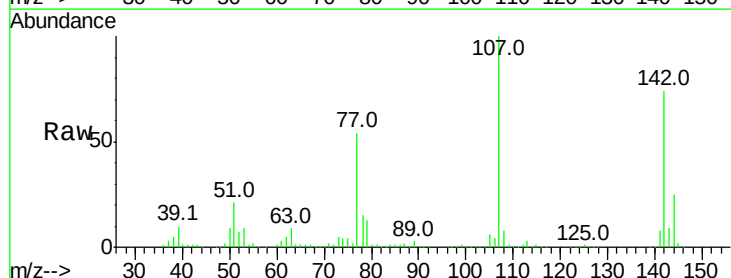
Manual Integrations
 APPROVED

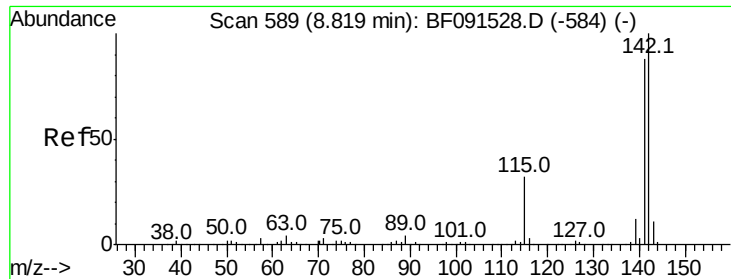
sohil
 12/12/2016 6:49:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.07 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	18.9	28.3
142	74.3	58.5	87.7





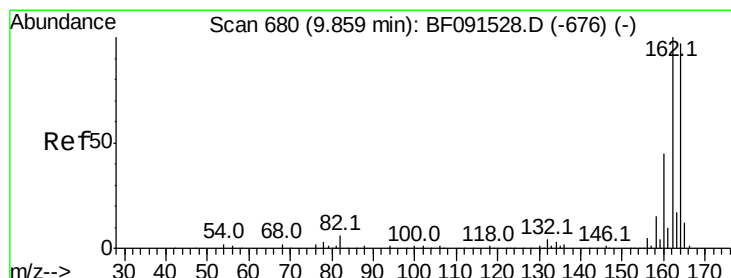
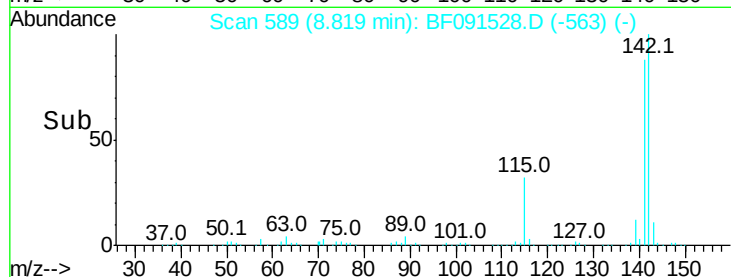
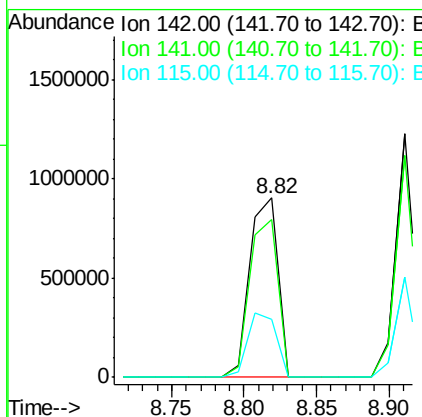
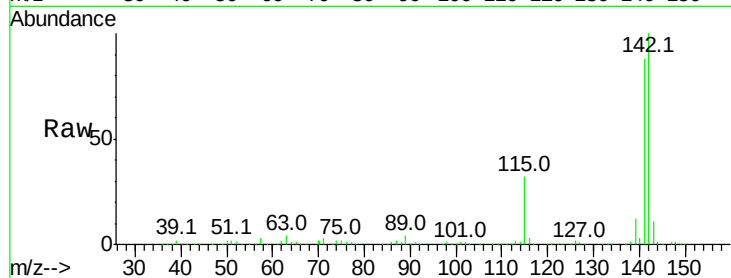
#37
2-Methylnaphthalene
Concen: 35.92 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1220554
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5
115 32.2 25.0 37.6

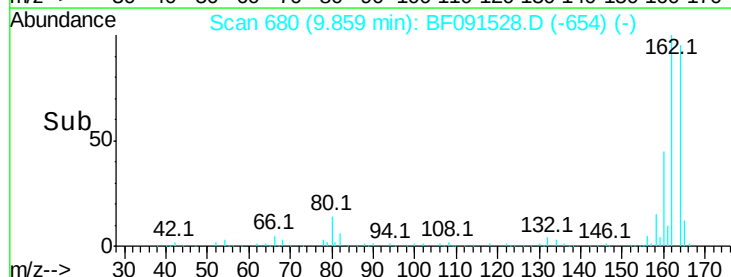
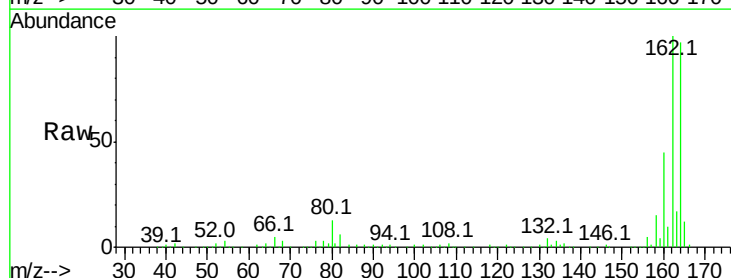
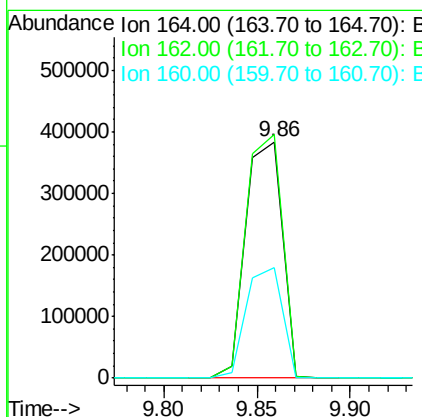
Manual Integrations
APPROVED

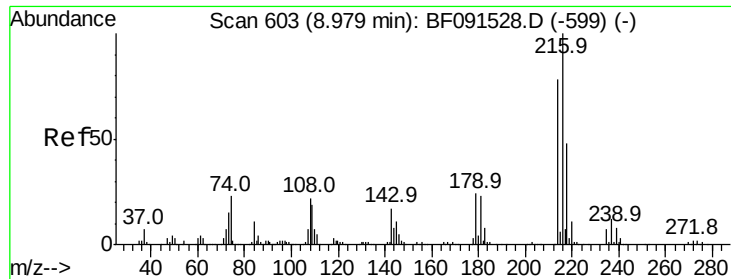
sohil
12/12/2016 6:49:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:164 Resp: 523624
Ion Ratio Lower Upper
164 100
162 103.0 82.6 124.0
160 46.7 36.7 55.1





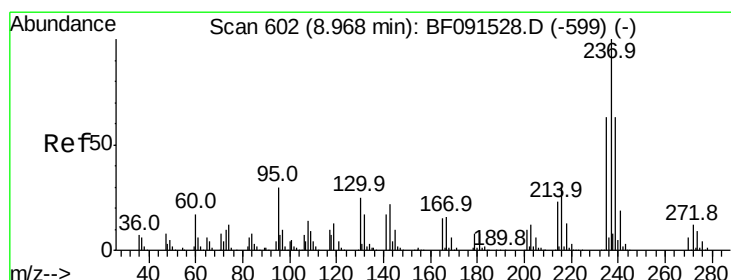
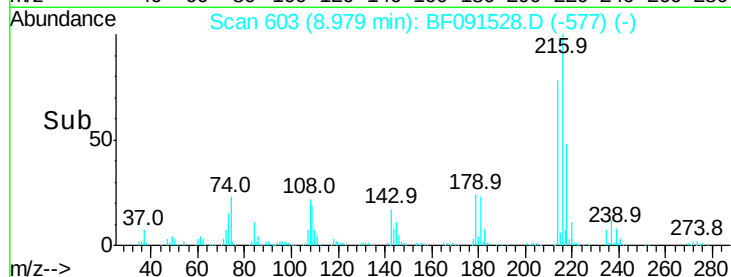
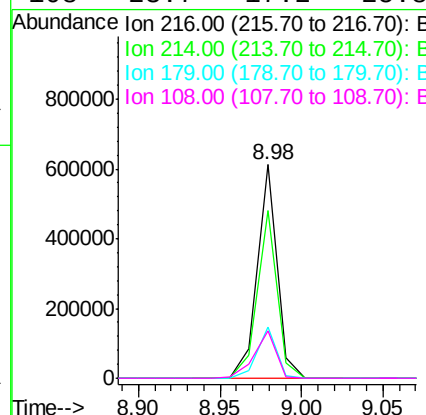
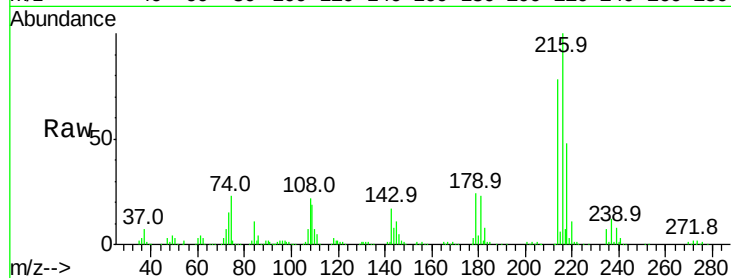
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.30 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	521122		
214	77.7	63.8	95.8	
179	23.5	18.2	27.2	
108	23.7	17.2	25.8	

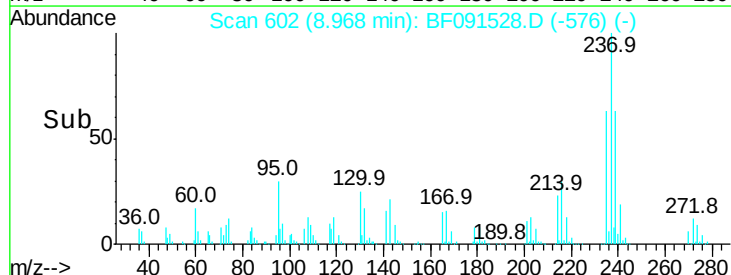
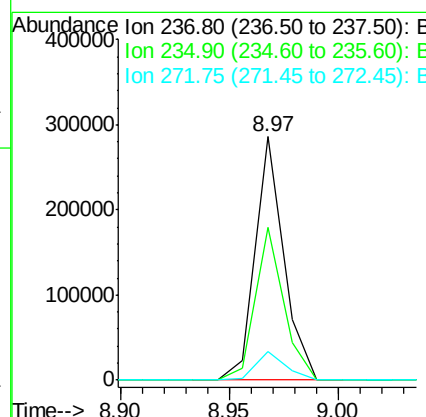
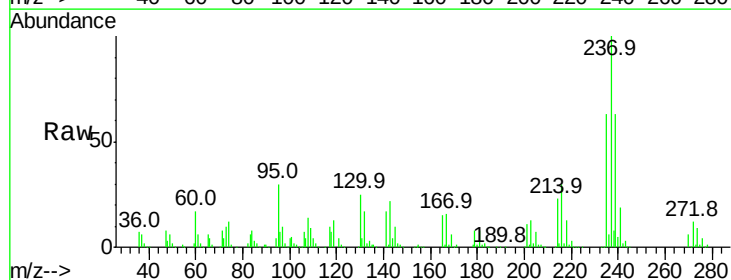
Manual Integrations
 APPROVED

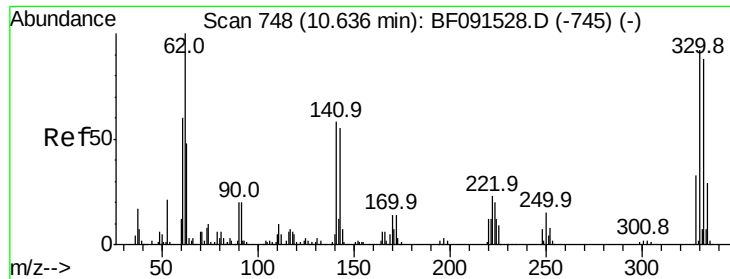
sohil
 12/12/2016 6:49:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 38.01 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	260063		
235	62.8	43.9	83.9	
272	11.6	0.0	33.1	





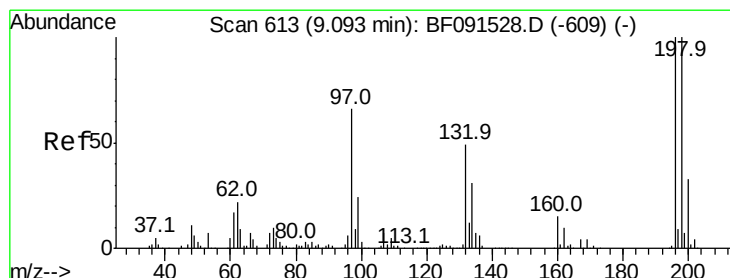
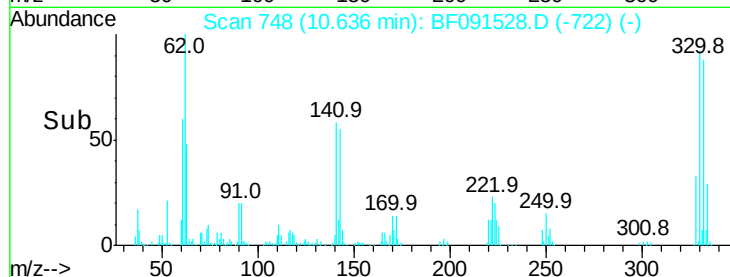
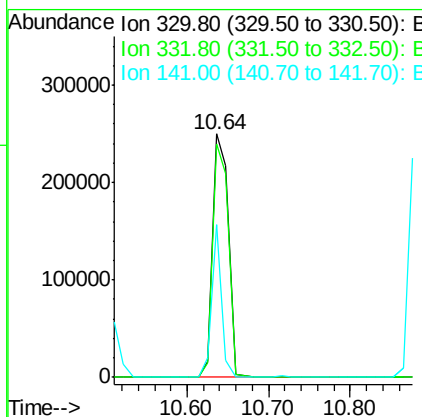
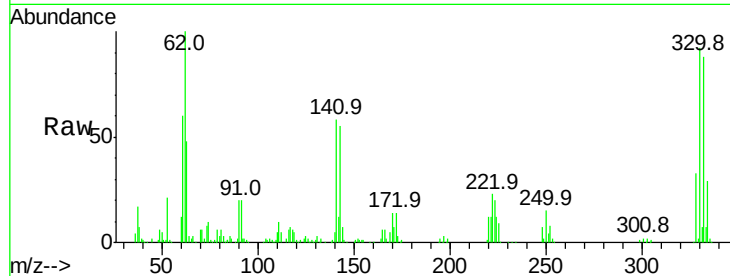
#41
 2,4,6-Tribromophenol
 Concen: 67.91 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.2	114.4	
141	40.2	33.6	50.4	

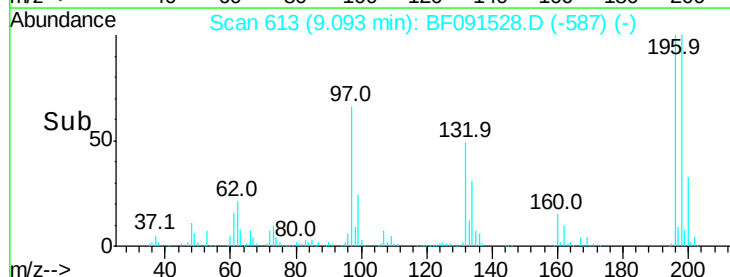
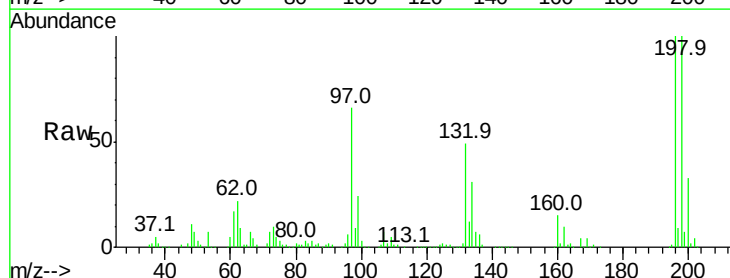
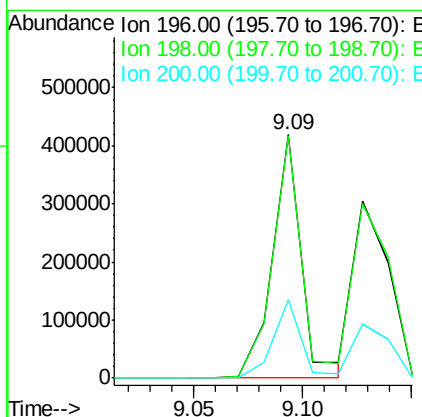
Manual Integrations
 APPROVED

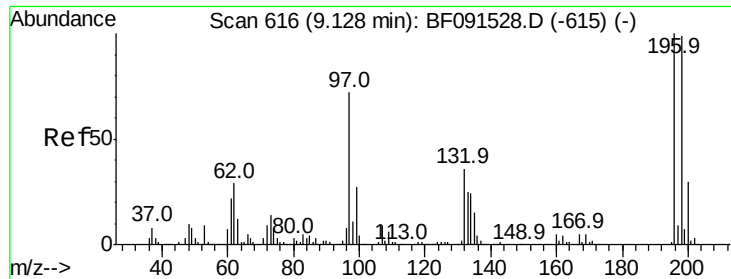
sohil
 12/12/2016 6:49:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.86 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.6	77.4	116.0	
200	32.5	25.2	37.8	





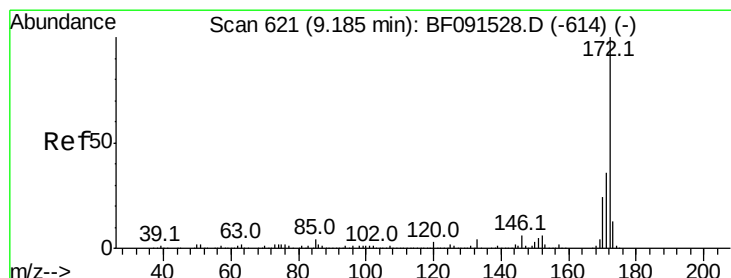
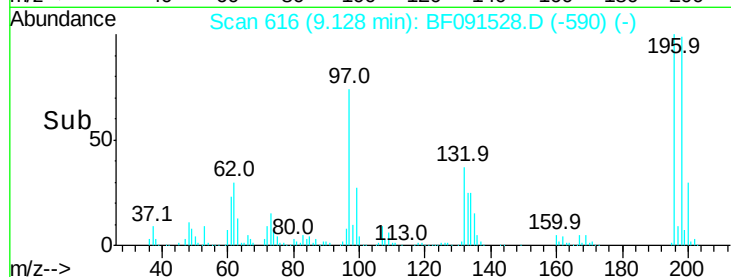
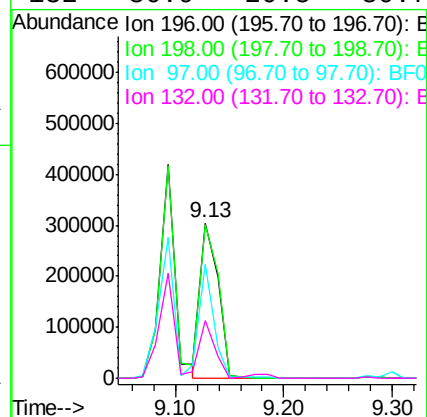
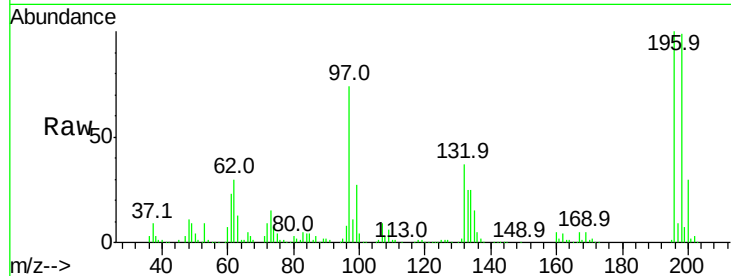
#43
 2,4,5-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	351437		
198	98.8	77.0	115.6	
97	73.7	33.5	50.3	#
132	36.9	20.5	30.7	#

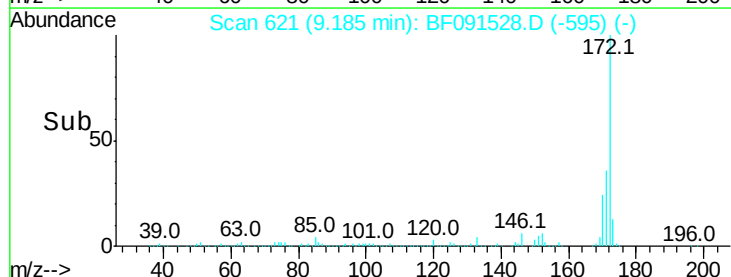
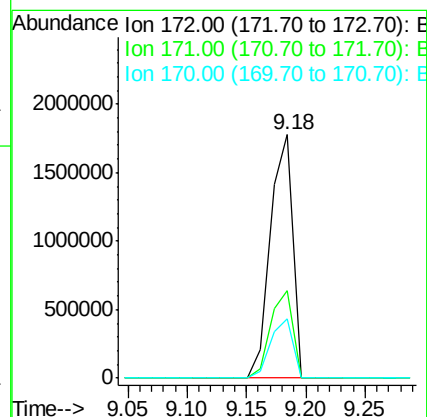
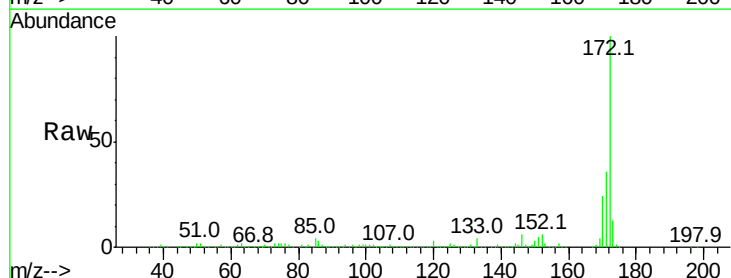
Manual Integrations
 APPROVED

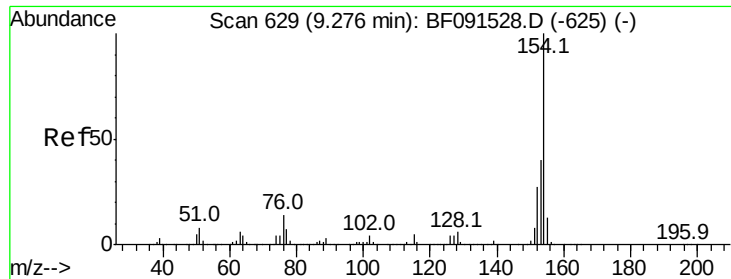
sohil
 12/12/2016 6:49:30 PM



#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2336915		
171	35.7	29.4	44.0	
170	24.2	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 37.43 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1409315

Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

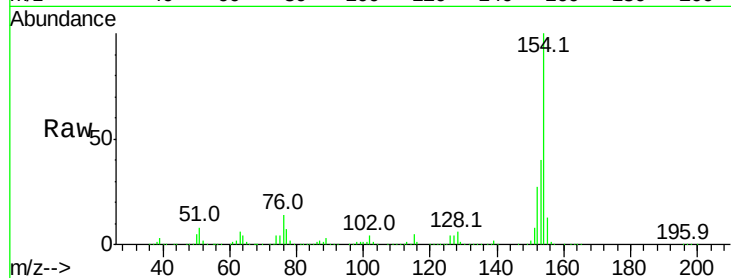
76 14.0 0.0 36.6

Manual Integrations

APPROVED

sohil

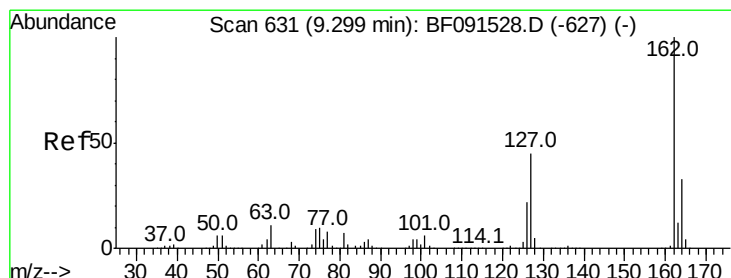
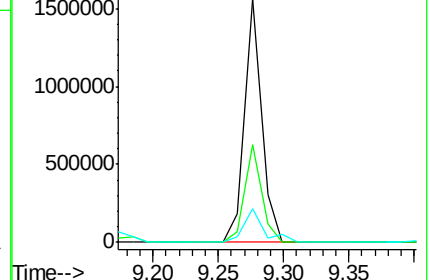
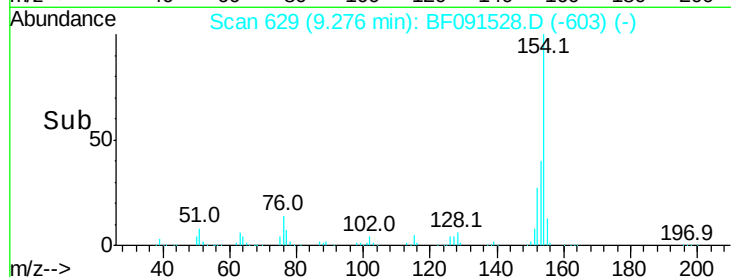
12/12/2016 6:49:30 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.73 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

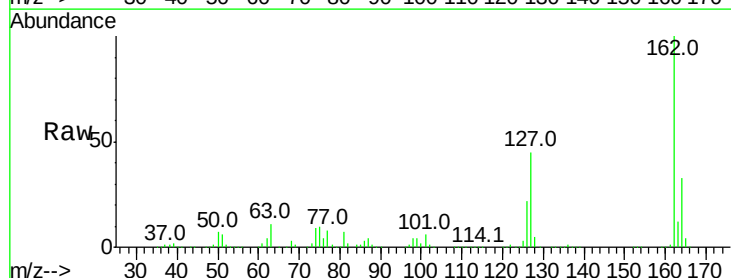
Tgt Ion:162 Resp: 1086016

Ion Ratio Lower Upper

162 100

127 45.0 34.3 51.5

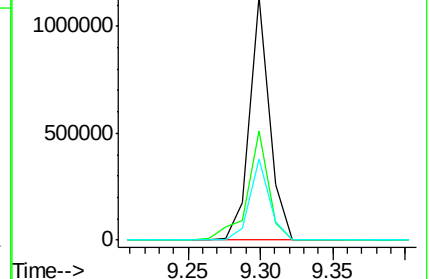
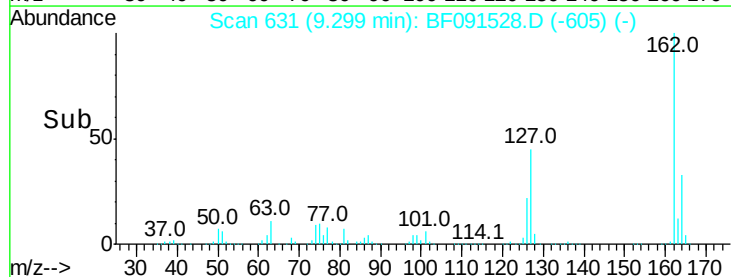
164 33.2 26.6 40.0

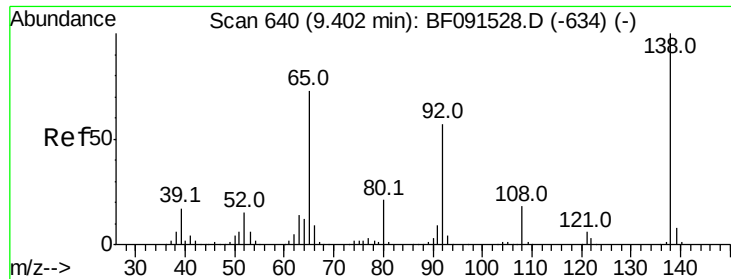


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





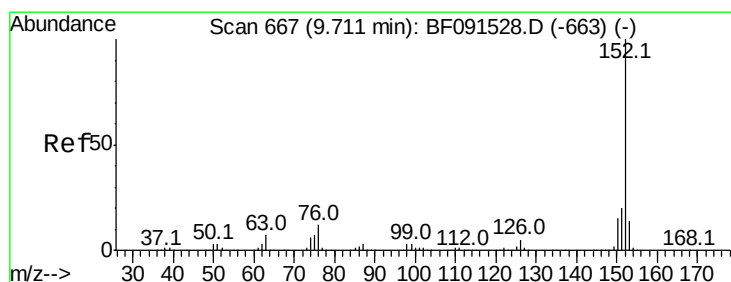
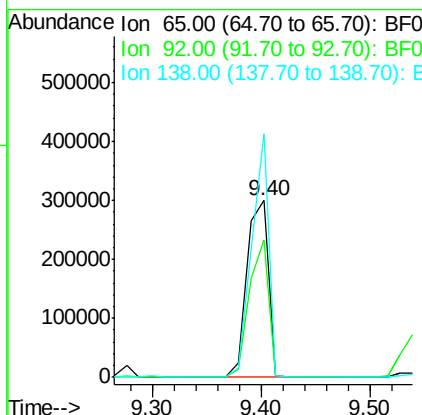
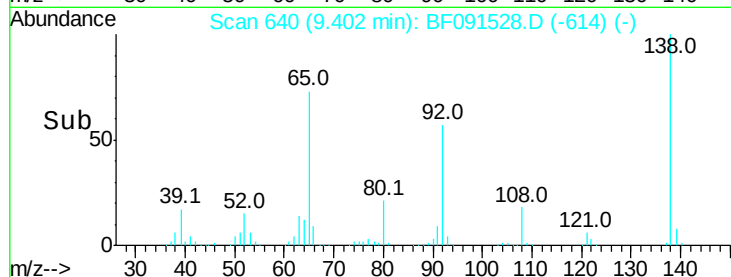
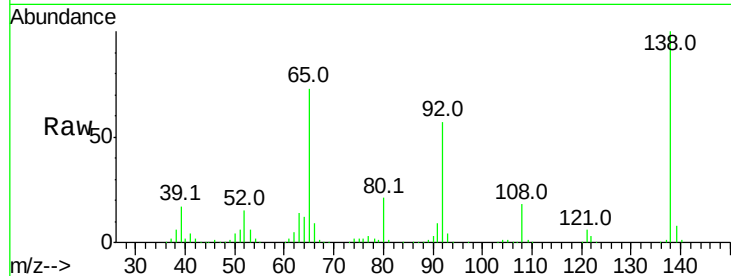
#47
2-Nitroaniline
Concen: 40.47 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.0	53.6	80.4
138	137.9	91.0	136.6

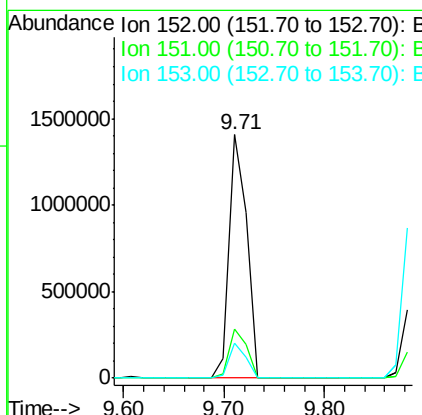
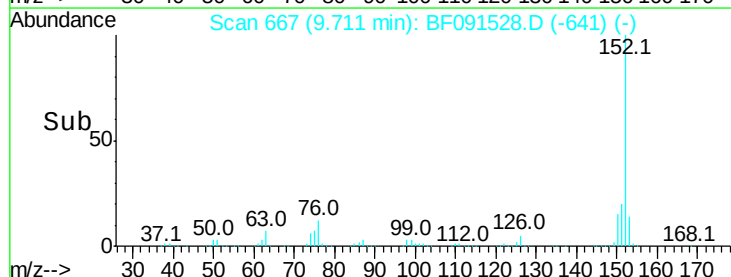
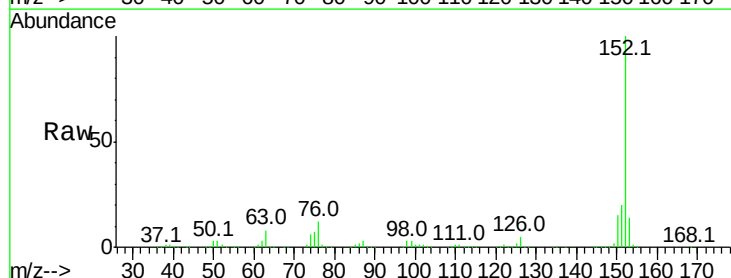
Manual Integrations
APPROVED

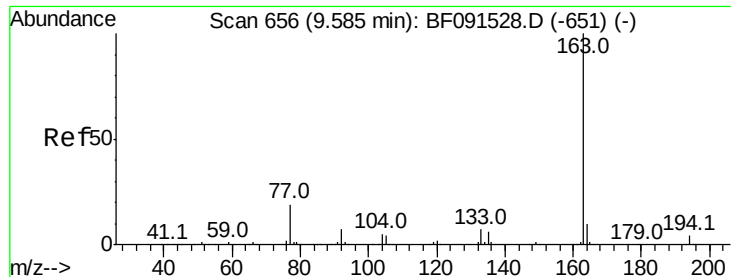
sohil
12/12/2016 6:49:30 PM



#48
Acenaphthylene
Concen: 38.70 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.4	10.7	16.1





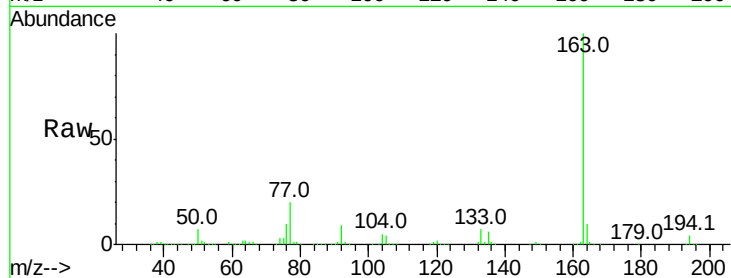
#49
Dimethylphthalate
Concen: 42.83 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

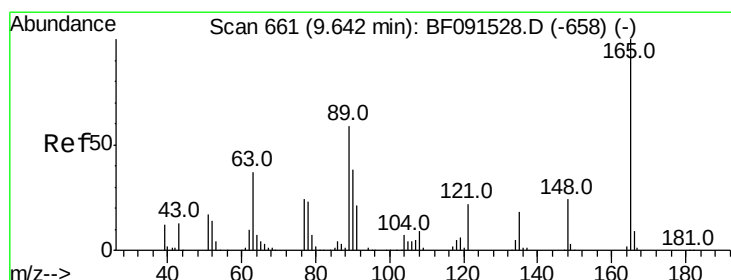
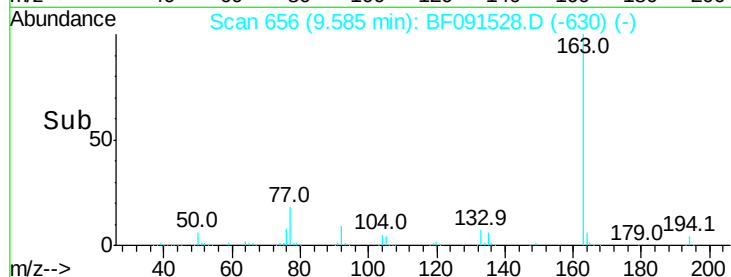
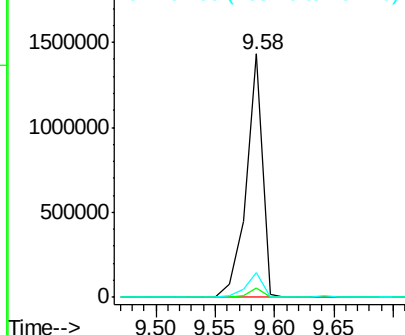
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.1	7.8	11.8

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM

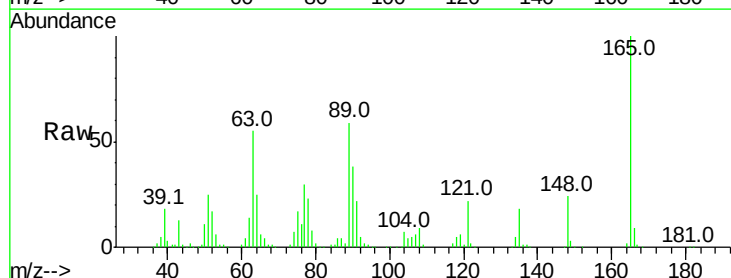


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

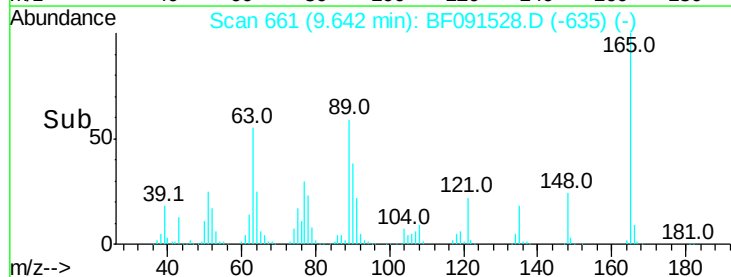
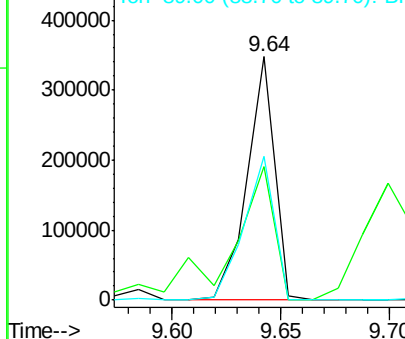


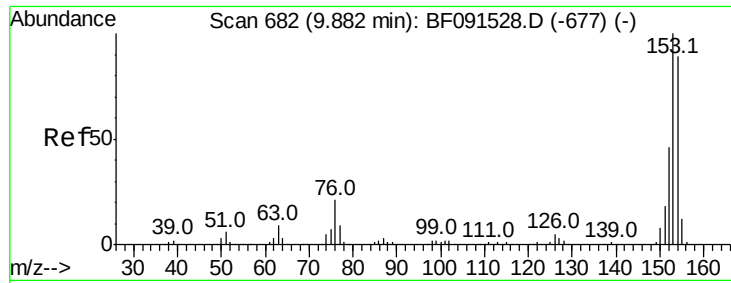
#50
2,6-Dinitrotoluene
Concen: 43.08 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	59.4	89.0#
89	59.3	50.8	76.2



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





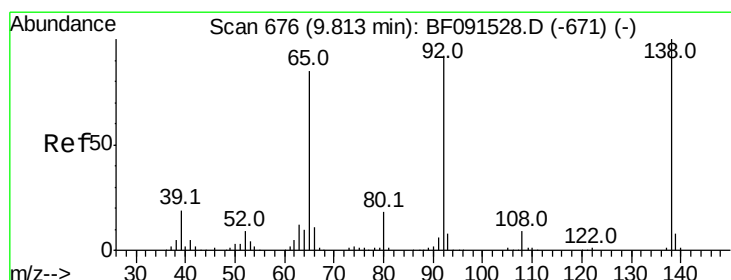
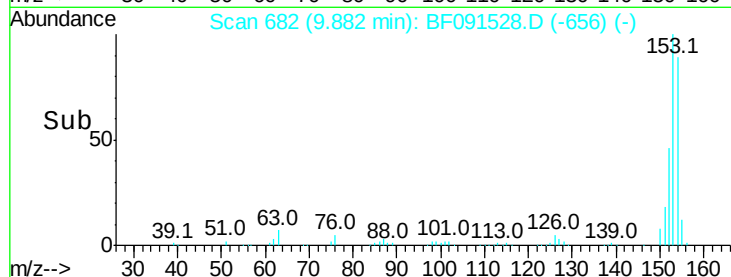
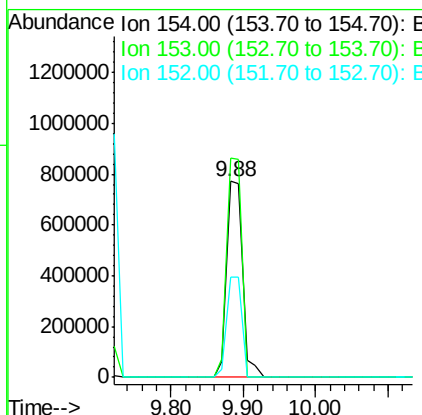
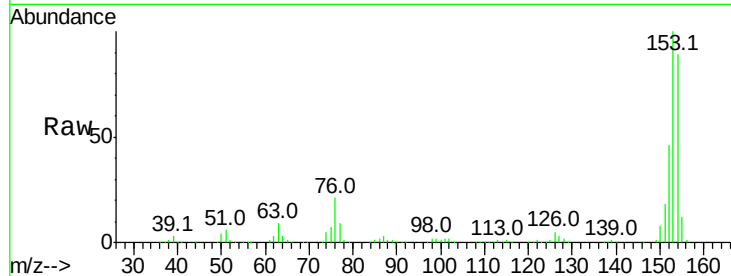
#51
Acenaphthene
Concen: 39.65 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:154 Resp: 1180566
Ion Ratio Lower Upper
154 100
153 112.2 91.0 136.6
152 51.5 44.2 66.2

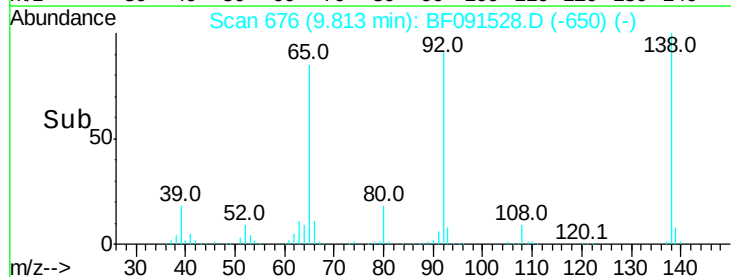
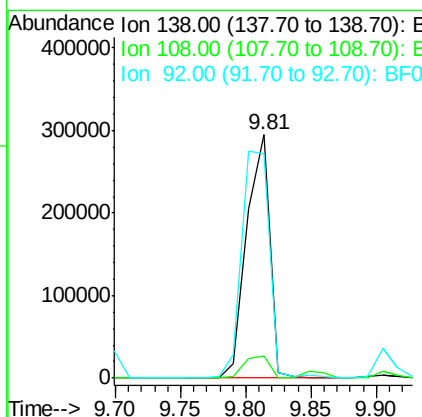
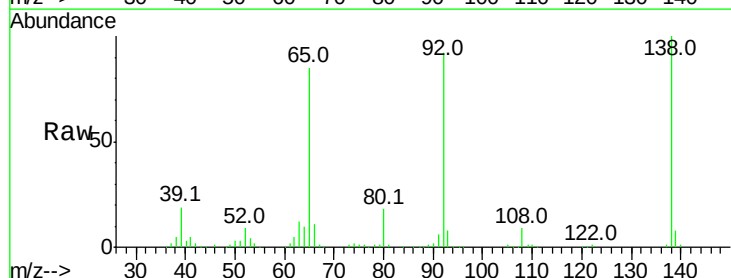
Manual Integrations
APPROVED

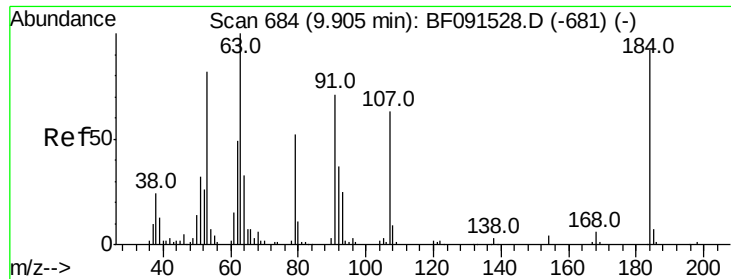
sohil
12/12/2016 6:49:30 PM



#52
3-Nitroaniline
Concen: 44.38 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion:138 Resp: 364011
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 91.9 92.5 138.7#





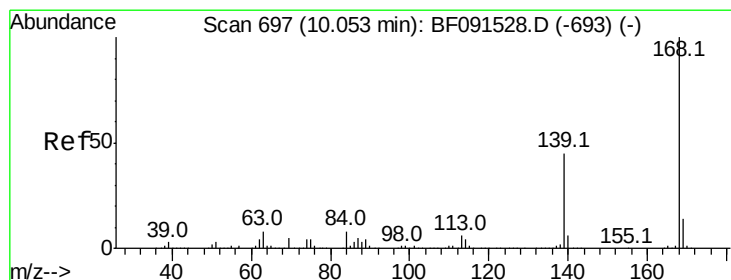
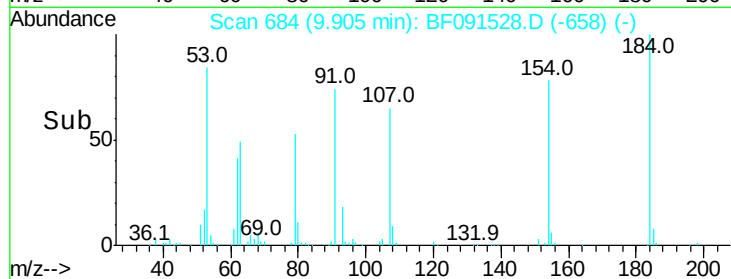
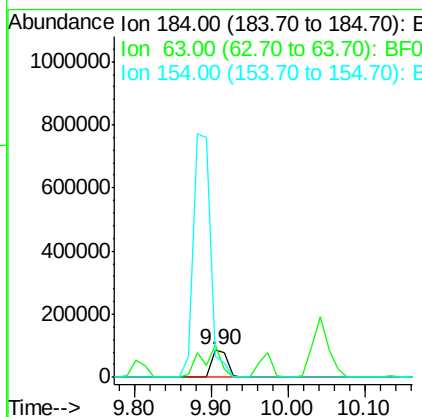
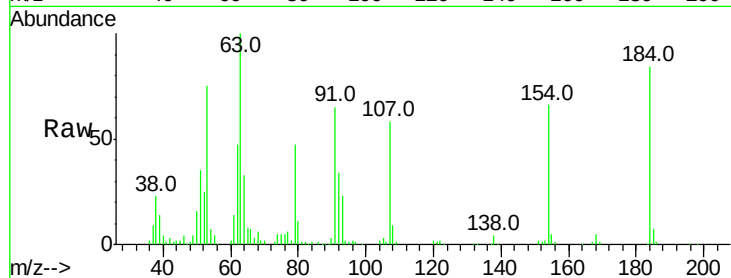
#53
2,4-Dinitrophenol
Concen: 39.67 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	119.1	58.3	87.5#
154	78.4	48.6	73.0#

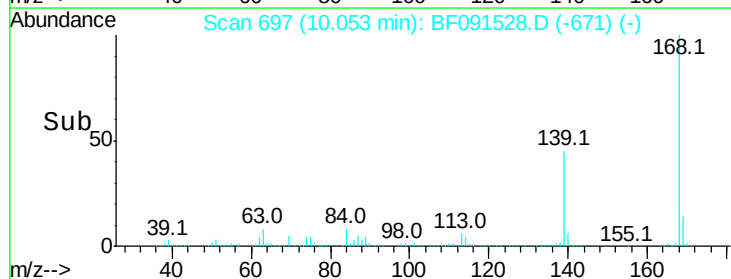
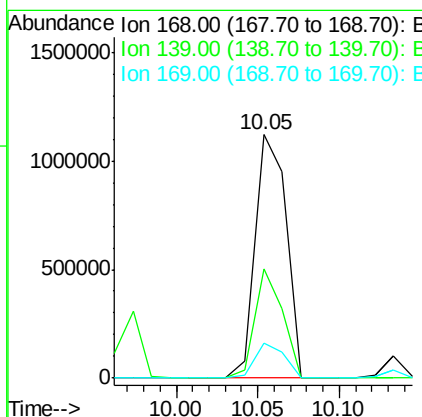
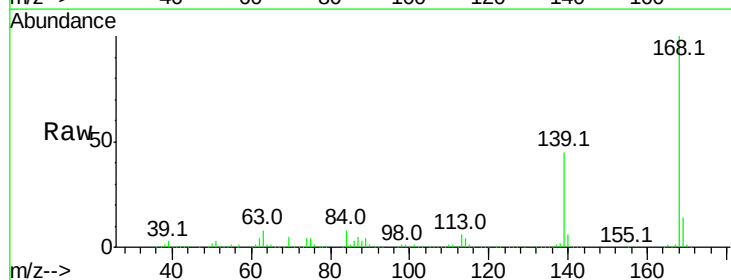
Manual Integrations
APPROVED

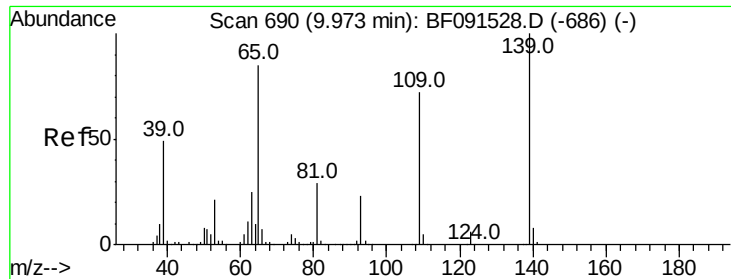
sohil
12/12/2016 6:49:30 PM



#54
Dibenzofuran
Concen: 37.11 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.0	33.4	50.2
169	14.2	11.1	16.7





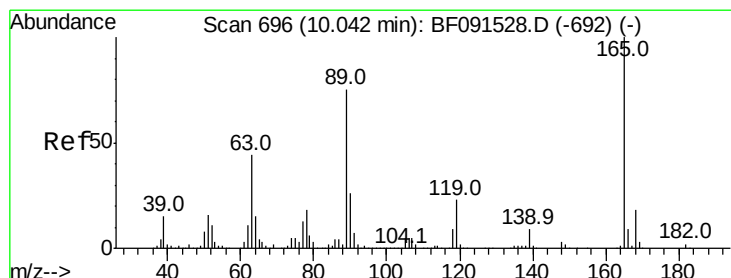
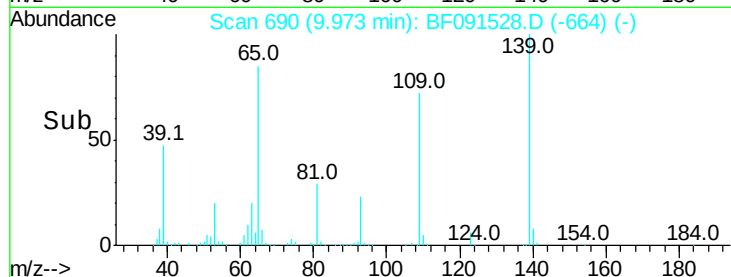
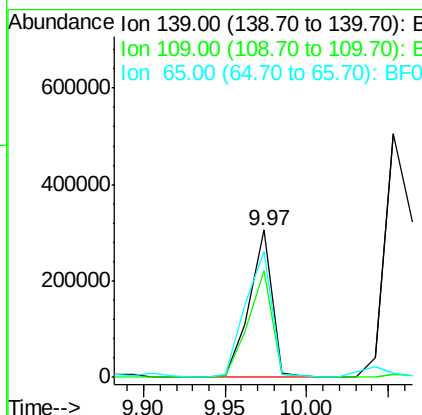
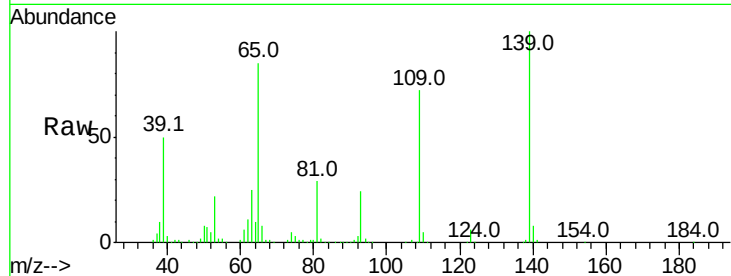
#55
4-Nitrophenol
Concen: 50.06 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.9	54.9	94.9
65	84.9	102.2	142.2#

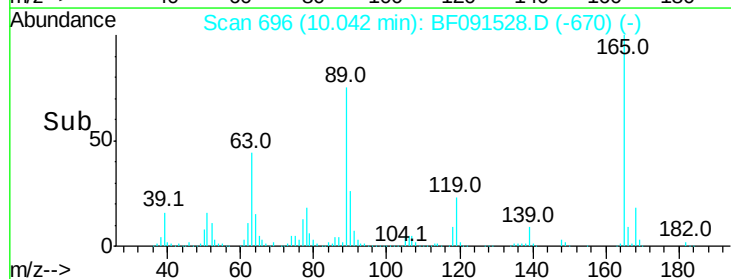
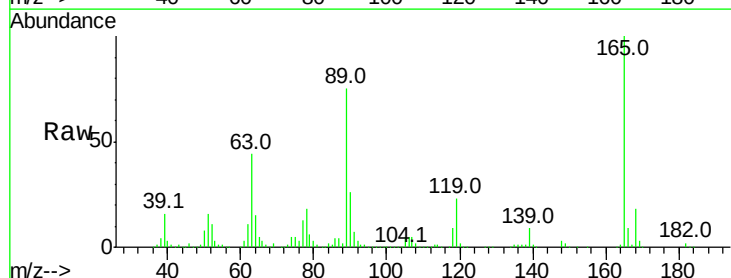
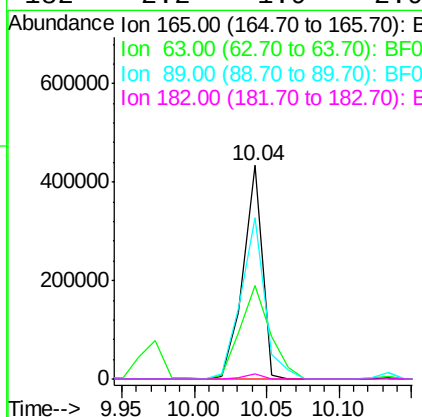
Manual Integrations
APPROVED

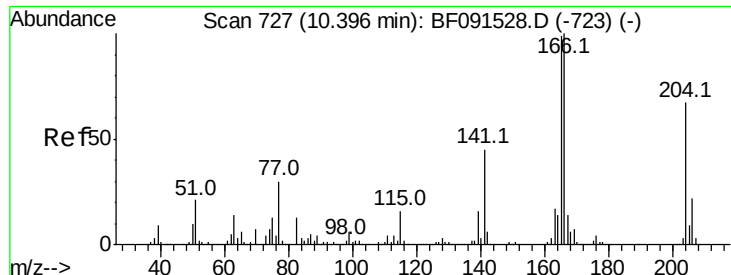
sohil
12/12/2016 6:49:30 PM



#56
2,4-Dinitrotoluene
Concen: 43.71 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.9	29.0	43.4#
89	75.2	43.1	64.7#
182	2.2	1.9	2.9





#57
Fluorene
 Concen: 33.94 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

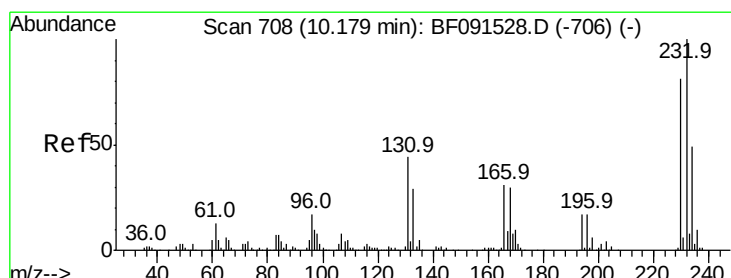
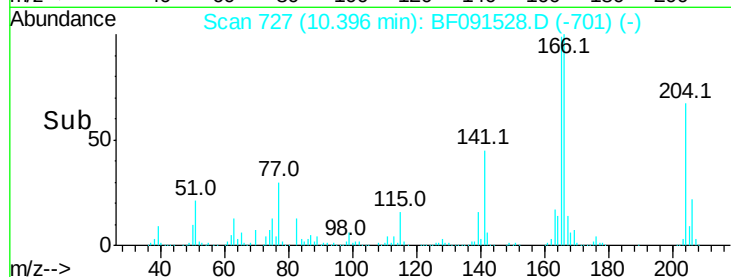
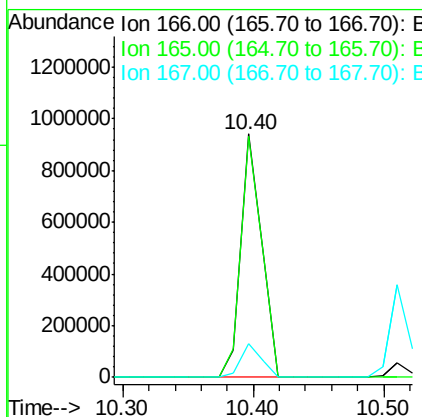
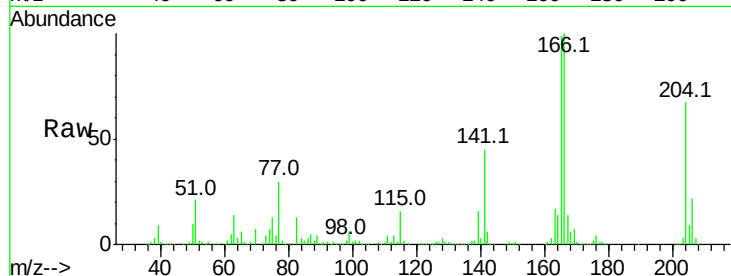
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:166 Resp: 1038865

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	14.0	10.8	16.2

Manual Integrations
 APPROVED

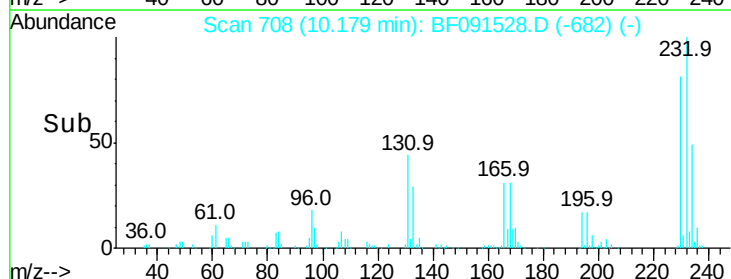
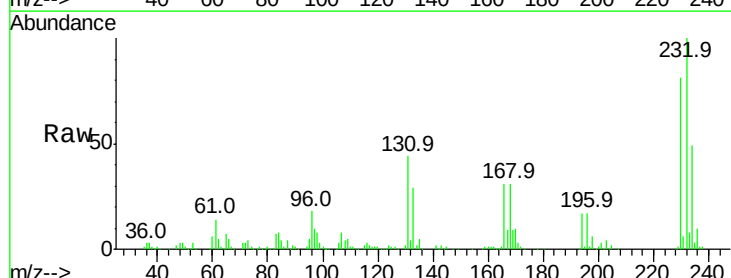
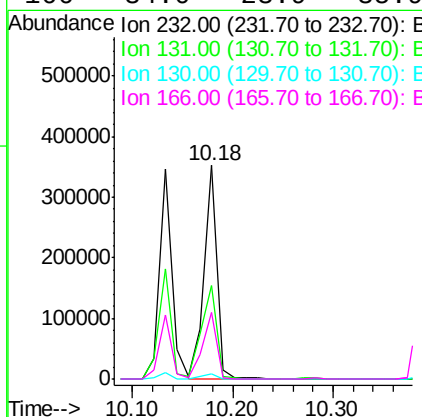
sohil
 12/12/2016 6:49:30 PM

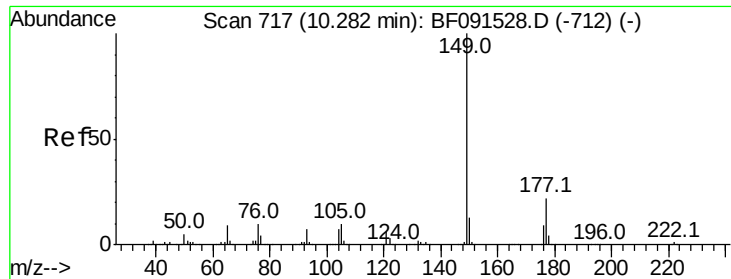


#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.03 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:232 Resp: 312179

Ion	Ratio	Lower	Upper
232	100		
131	51.3	38.4	57.6
130	2.5	1.8	2.8
166	34.0	23.9	35.9





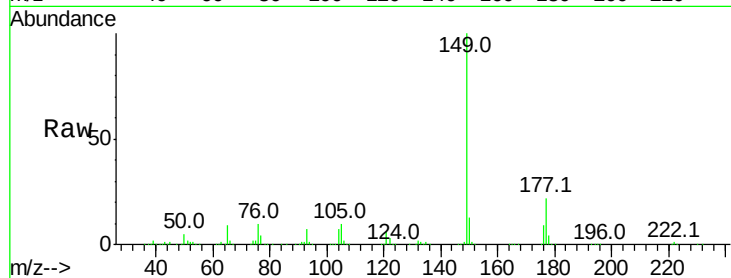
#59
Diethylphthalate
Concen: 42.37 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

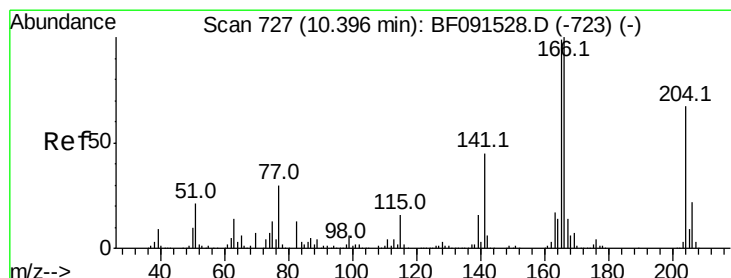
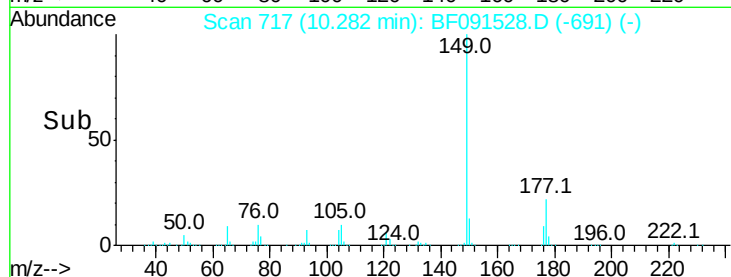
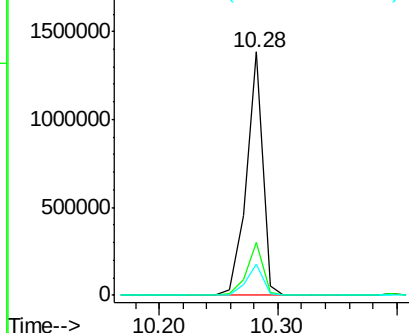
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	15.7	23.5
150	12.7	10.2	15.2

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM

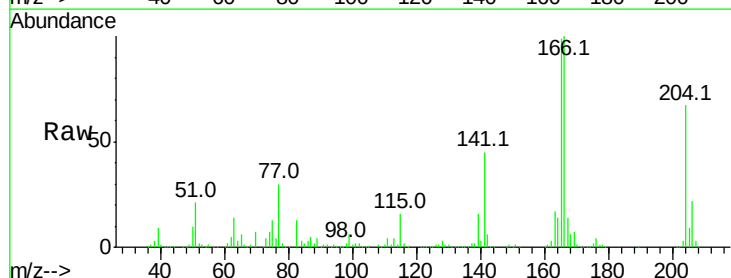


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

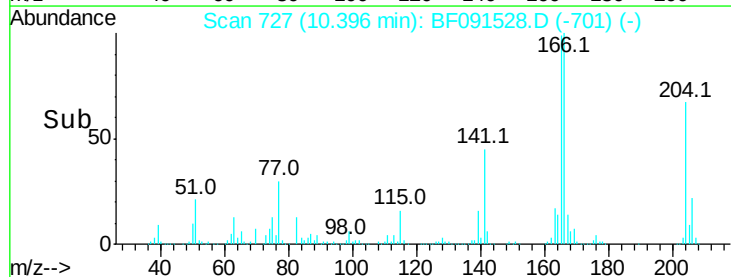
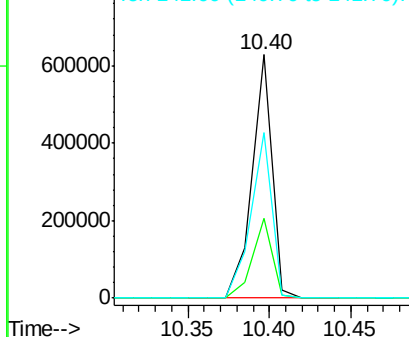


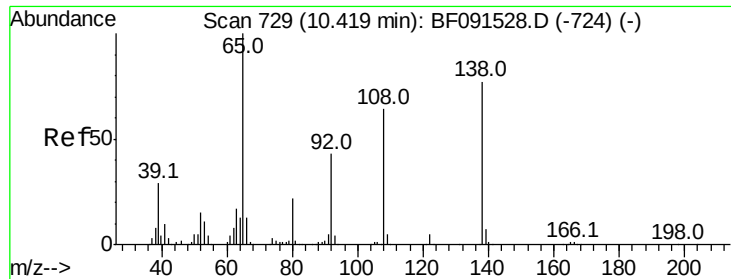
#60
4-Chlorophenyl-phenylether
Concen: 34.97 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	67.9	40.6	61.0



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





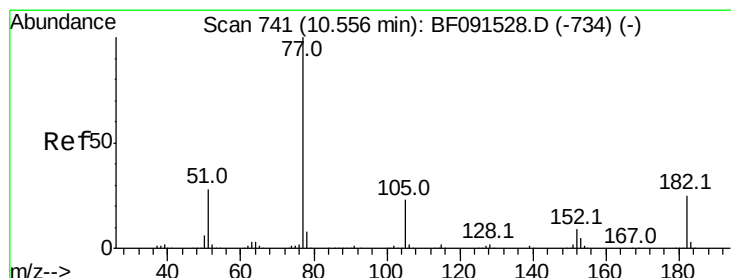
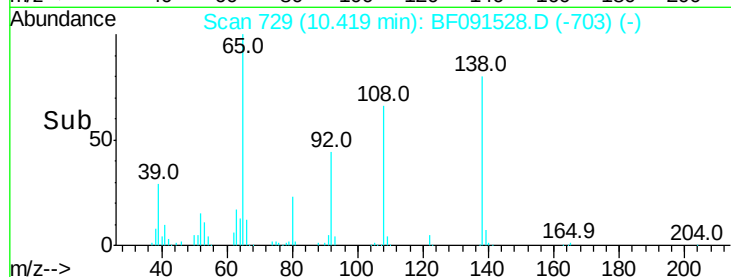
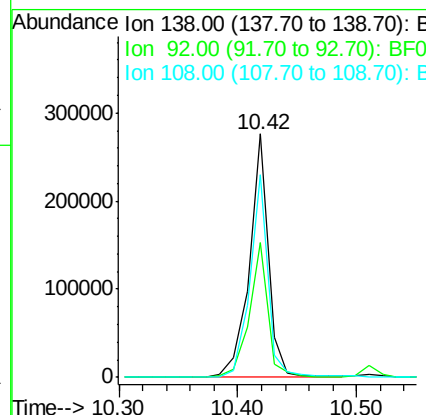
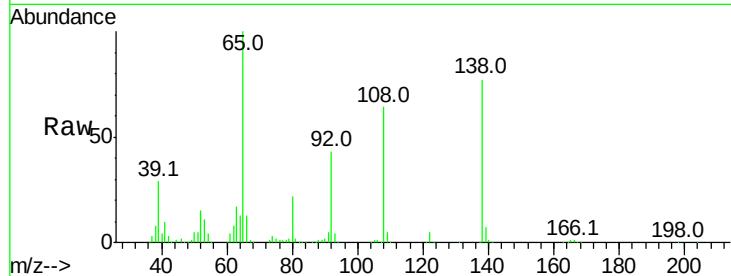
#61
4-Nitroaniline
Concen: 40.74 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.6	26.9	66.9
108	83.3	49.1	89.1

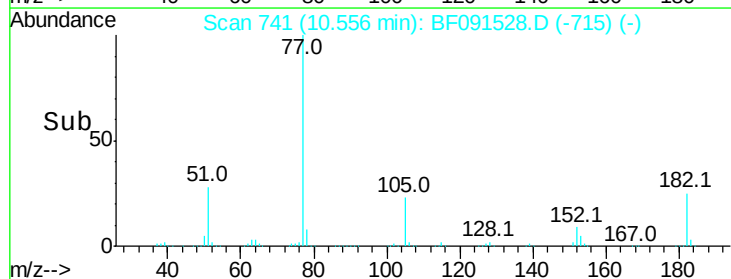
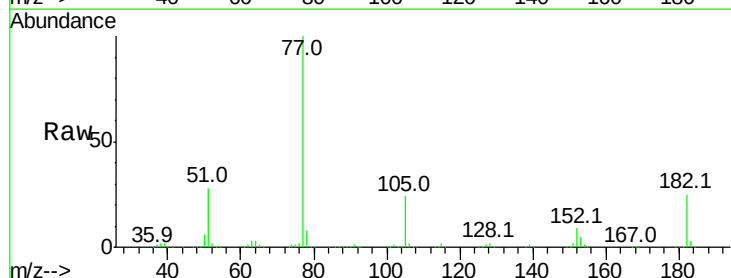
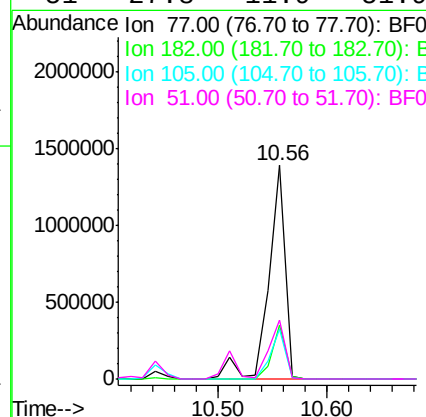
Manual Integrations
APPROVED

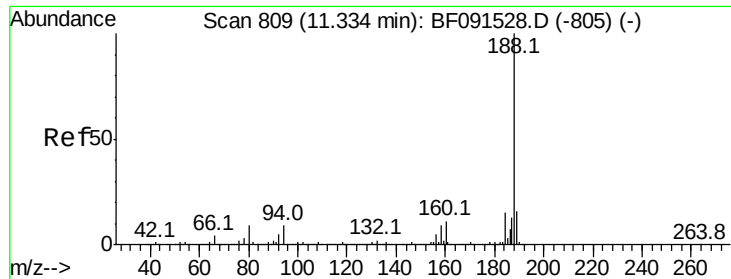
sohil
12/12/2016 6:49:30 PM



#62
Azobenzene
Concen: 47.15 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	12.5	52.5
105	23.5	3.7	43.7
51	27.8	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

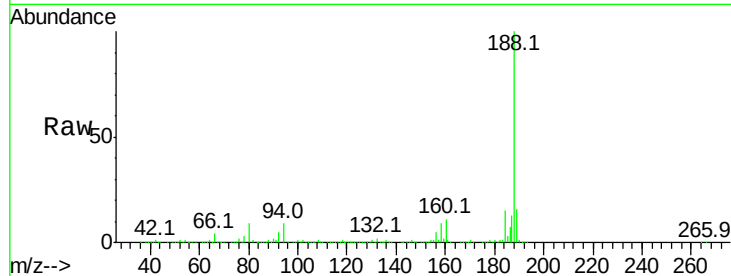
ClientSampleId :

SSTDICCC040

Tot Ion:	188	Resp:	866361
Ion Ratio	Lower	Upper	
188	100		
94	8.5	9.2	13.8#
80	9.5	10.5	15.7#

Manual Integrations
APPROVED

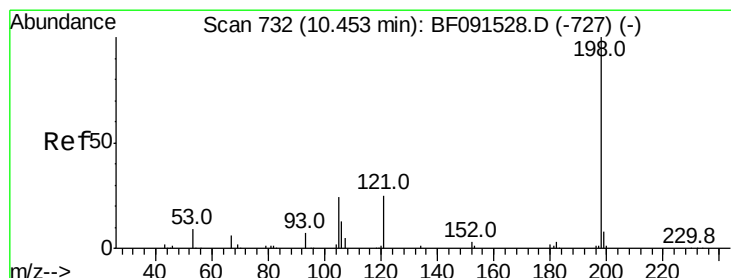
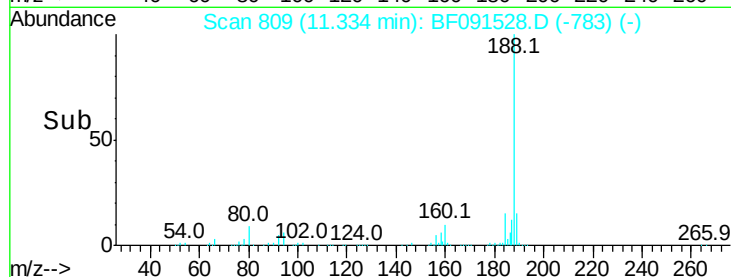
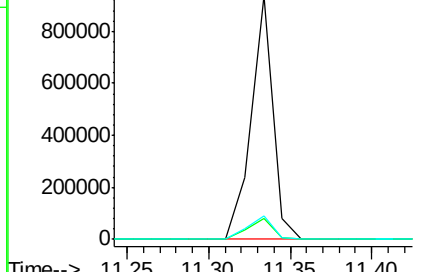
sohil
12/12/2016 6:49:30 PM



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: 40.36 ng

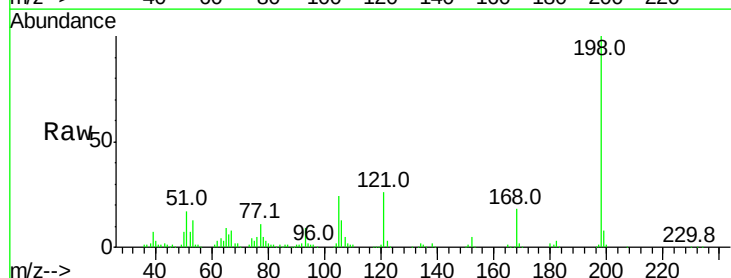
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

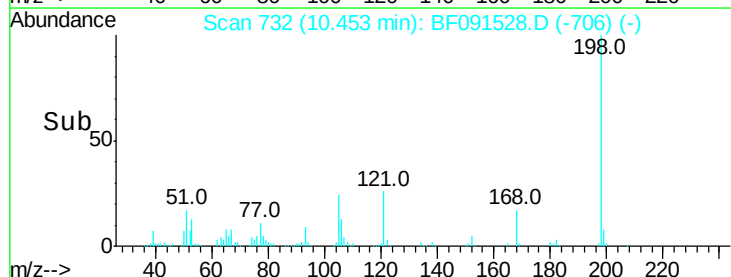
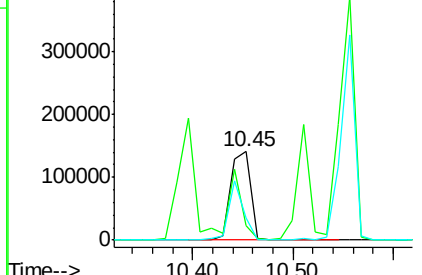
Tgt Ion:	198	Resp:	192643
Ion Ratio	Lower	Upper	
198	100		
51	17.0	77.1	117.1#
105	24.5	44.8	84.8#

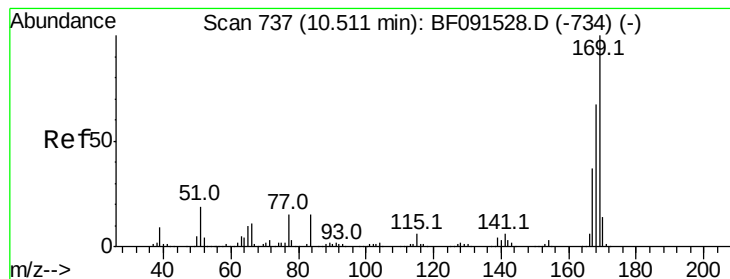


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





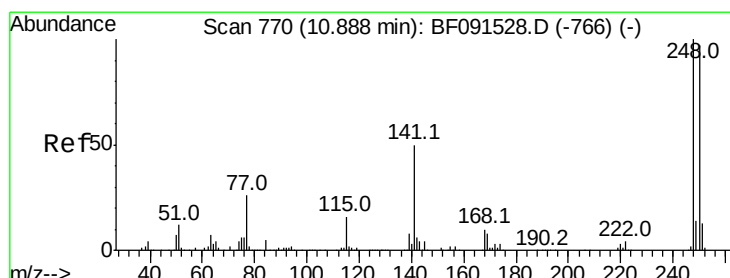
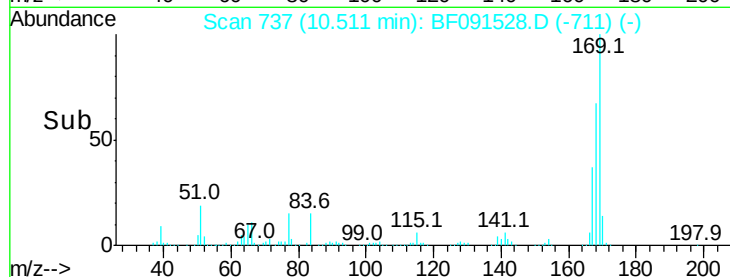
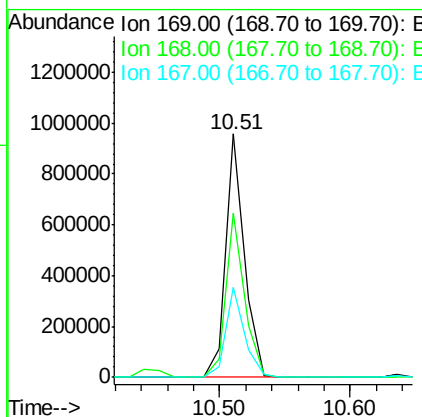
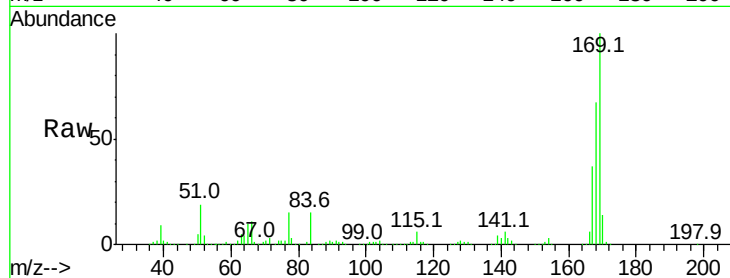
#65
n-Nitrosodiphenylamine
Concen: 36.07 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	947378		
168	67.4		53.8	80.8
167	37.1		29.8	44.8

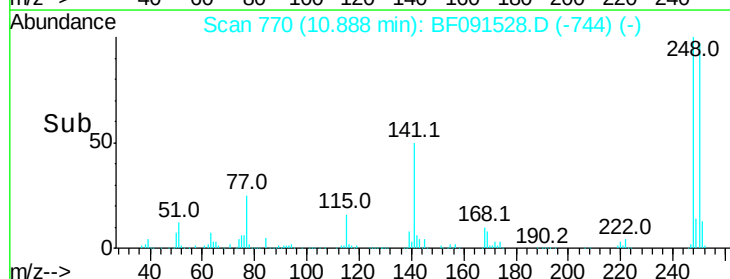
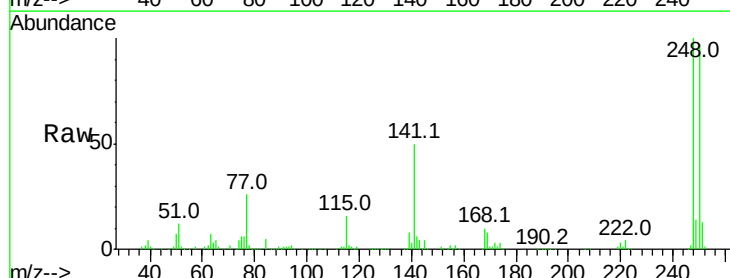
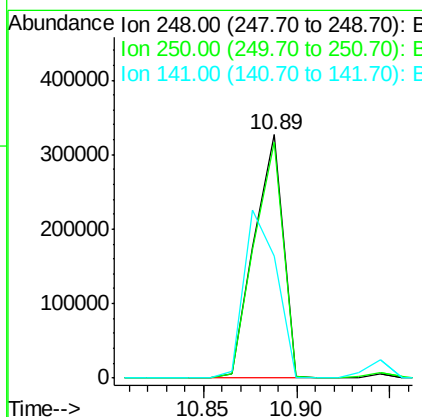
Manual Integrations
APPROVED

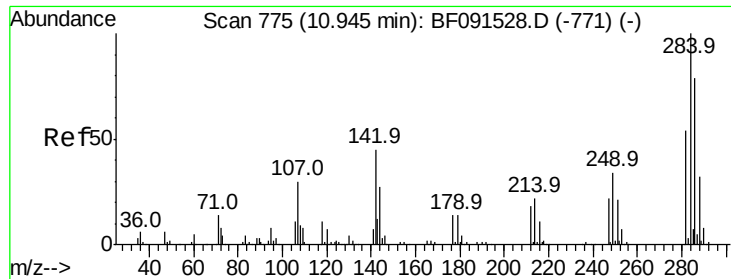
sohil
12/12/2016 6:49:30 PM



#66
4-Bromophenyl-phenylether
Concen: 37.62 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	350316		
250	96.7		78.2	117.4
141	49.9		71.9	107.9#





#67

Hexachlorobenzene

Concen: 34.25 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:284 Resp: 344633
Ion Ratio Lower Upper

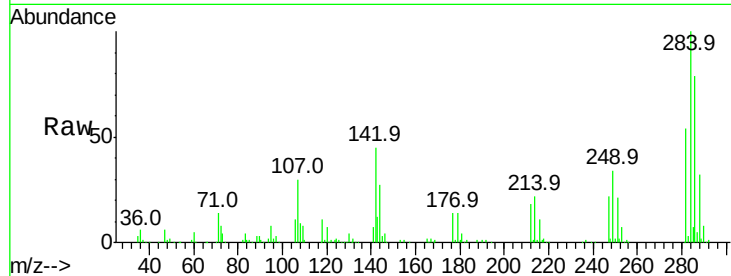
284 100

142 44.7 17.9 26.9#

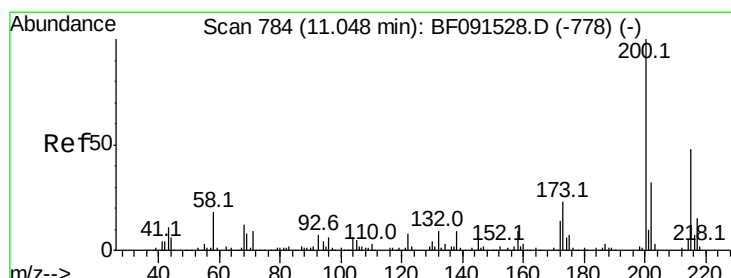
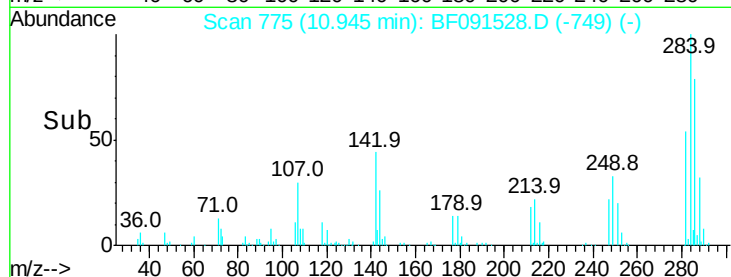
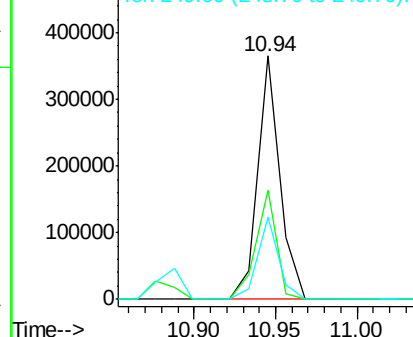
249 34.0 23.6 35.4

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.12 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF091528.D

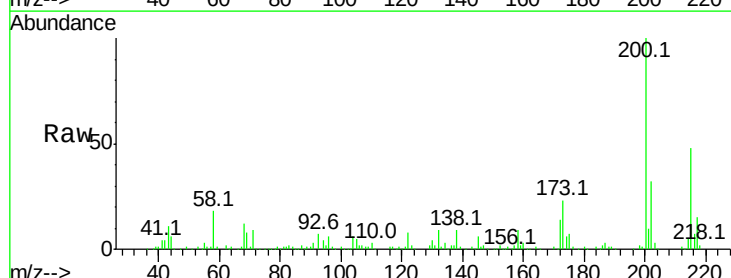
Acq: 9 Dec 2016 15:17

Tgt Ion:200 Resp: 332796
Ion Ratio Lower Upper

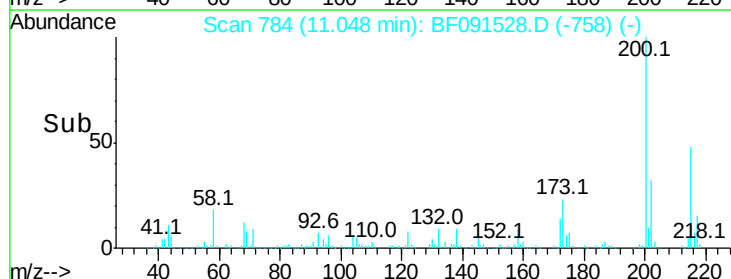
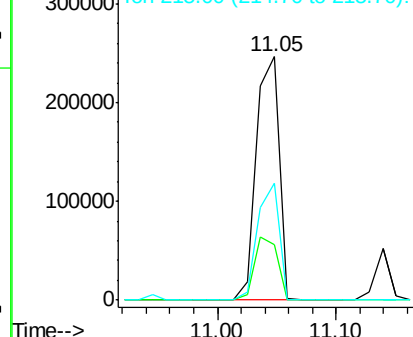
200 100

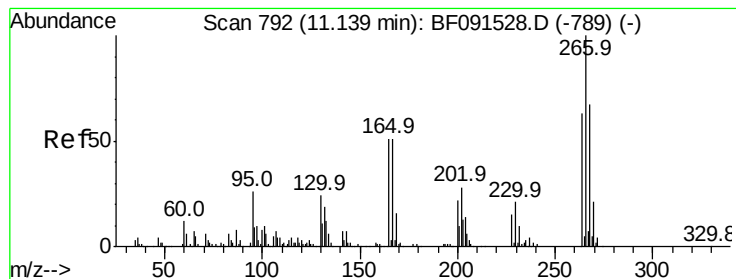
173 22.9 7.8 47.8

215 47.8 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 36.29 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:266 Resp: 214956

Ion Ratio Lower Upper

266 100

268 66.9 50.3 75.5

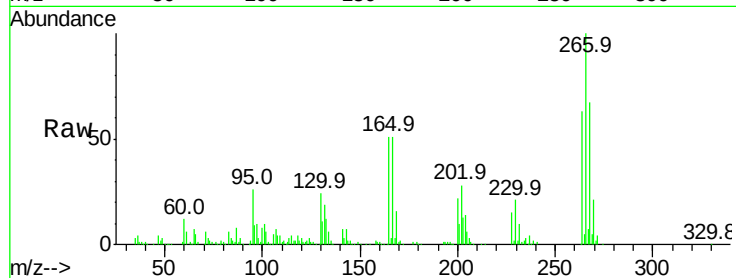
264 63.2 48.2 72.2

Manual Integrations

APPROVED

sohil

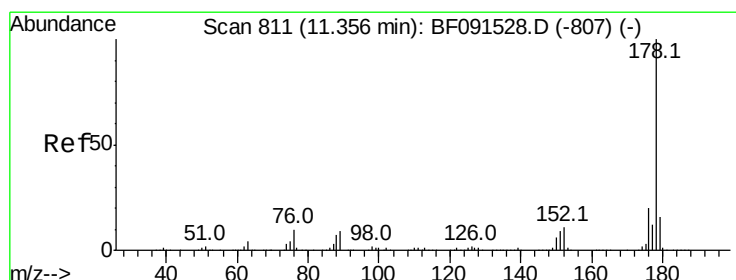
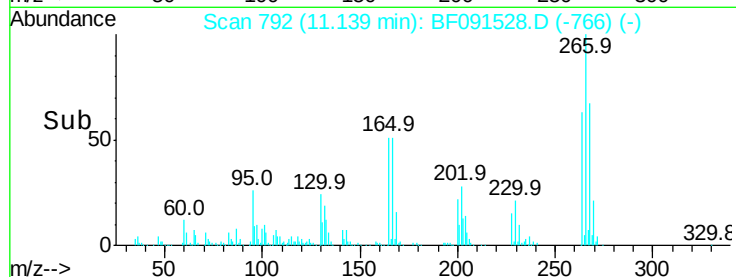
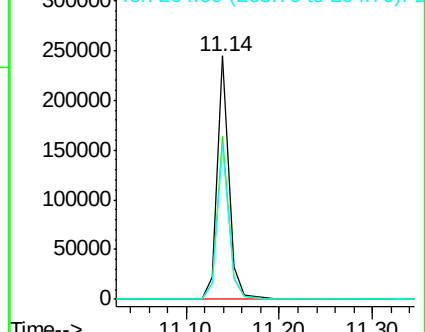
12/12/2016 6:49:30 PM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.28 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

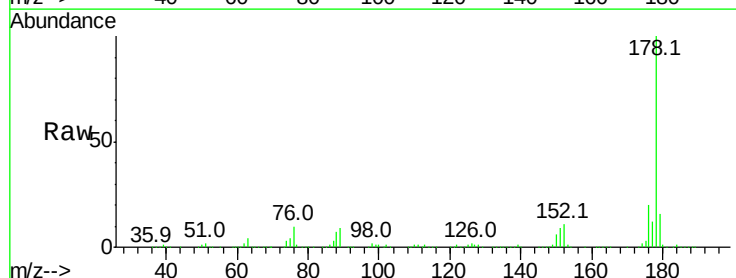
Tgt Ion:178 Resp: 1633043

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

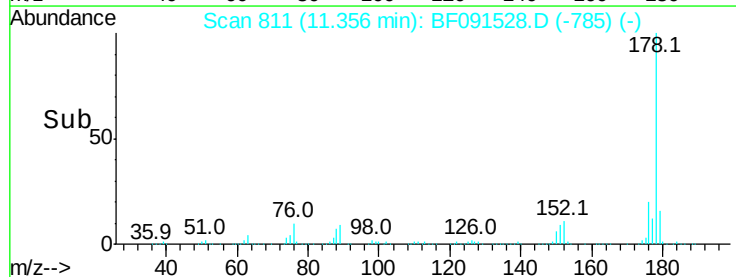
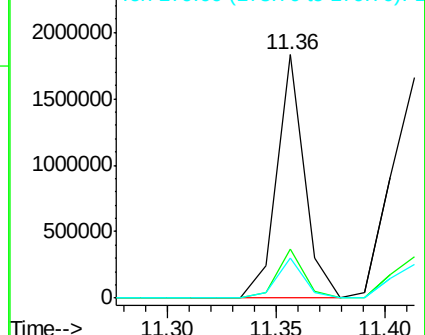
179 16.3 12.6 18.8

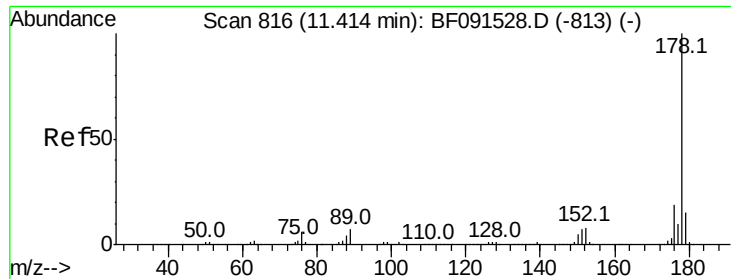


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





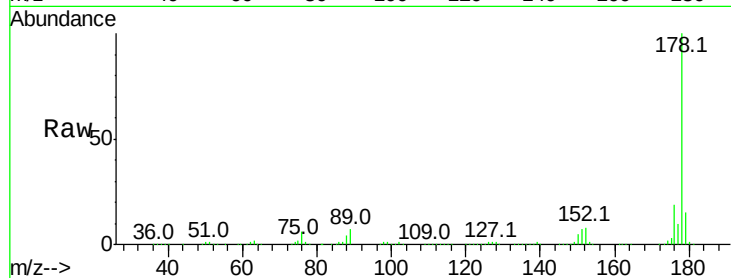
#71
 Anthracene
 Concen: 40.57 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

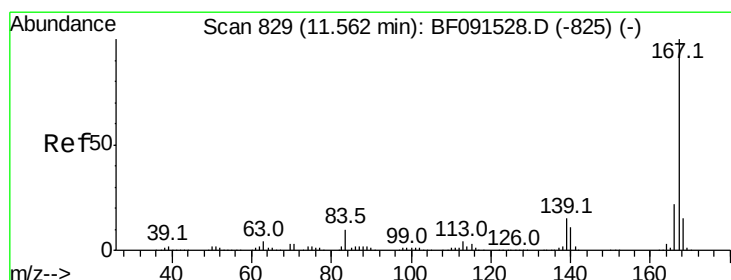
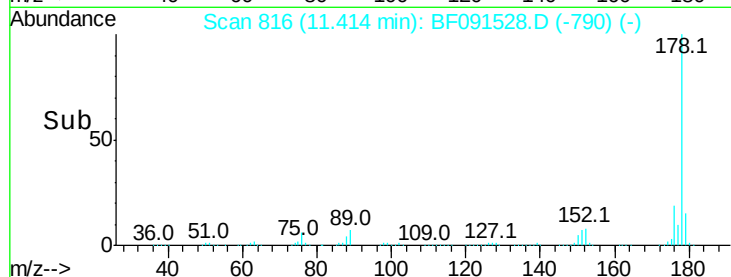
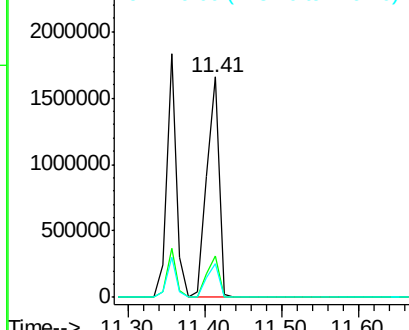
Tot Ion:178 Resp: 1812481
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.4 12.7 19.1

Manual Integrations
 APPROVED

sohil
 12/12/2016 6:49:30 PM



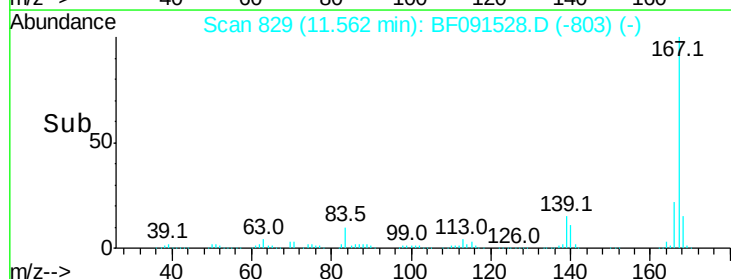
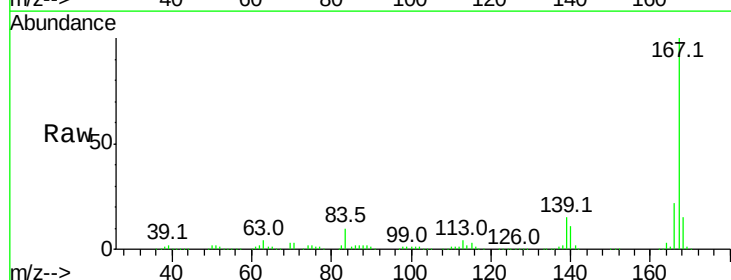
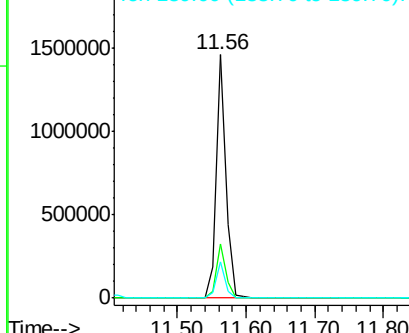
Abundance Ion 178.00 (177.70 to 178.70): E
 2500000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

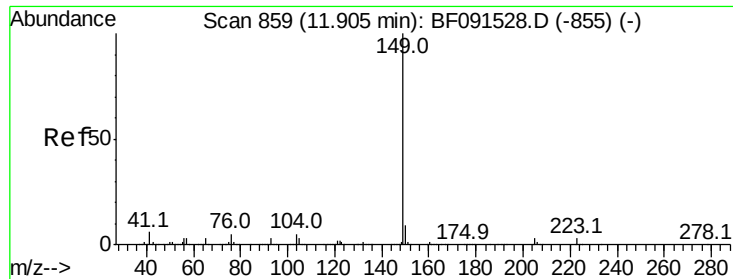


#72
 Carbazole
 Concen: 36.16 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion:167 Resp: 1465874
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.9 11.5 17.3

Abundance Ion 167.00 (166.70 to 167.70): E
 2000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.52 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1953832

Ion Ratio Lower Upper

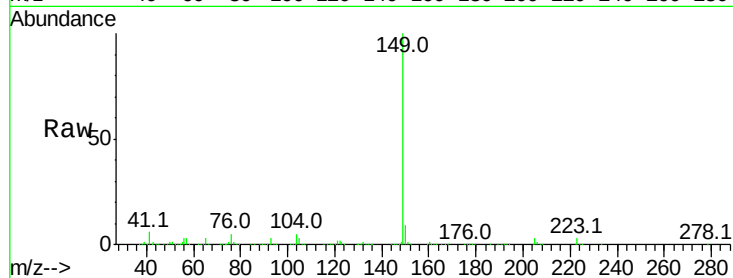
149 100

150 9.4 7.5 11.3

104 5.1 4.0 6.0

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 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

2500000

2000000

1500000

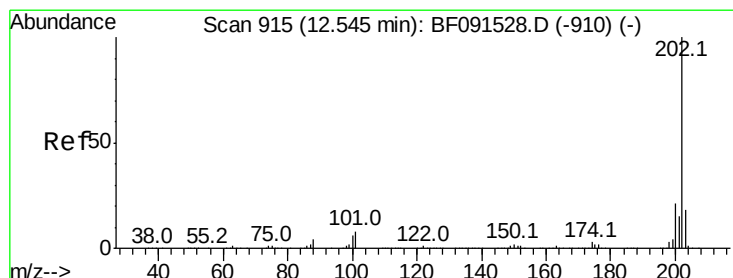
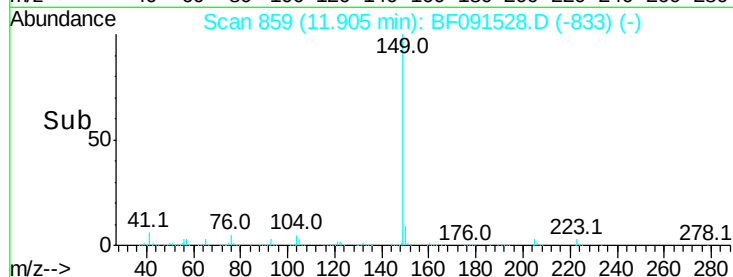
1000000

500000

0

11.80 11.90 12.00 12.10

Time-->



#74

Fluoranthene

Concen: 42.73 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

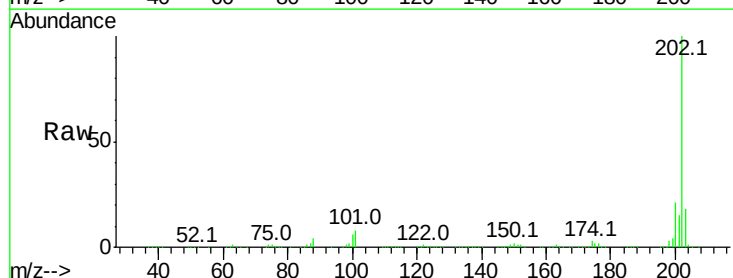
Tgt Ion:202 Resp: 1822236

Ion Ratio Lower Upper

202 100

101 8.2 0.0 29.5

203 17.7 0.0 37.8



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

2000000

1500000

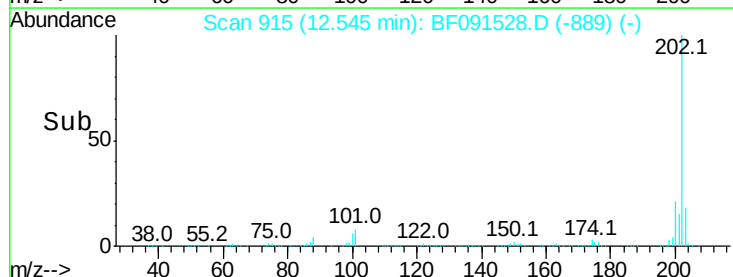
1000000

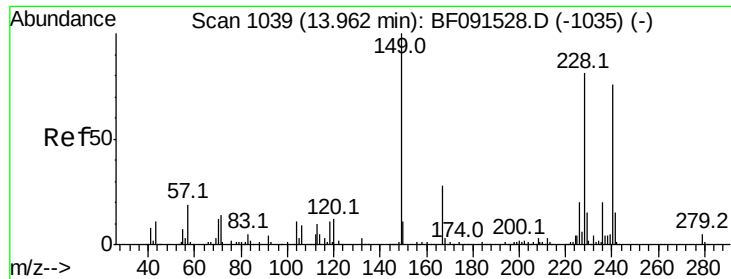
500000

0

12.40 12.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

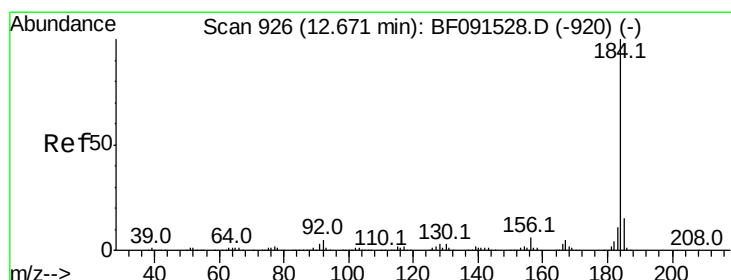
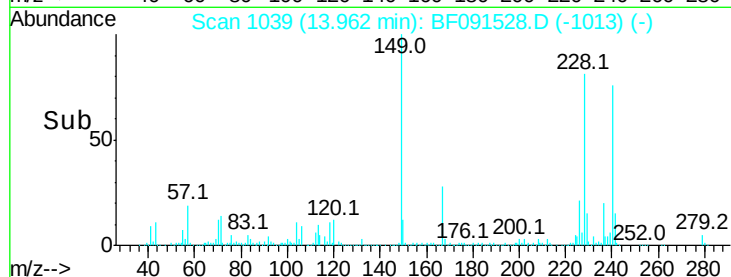
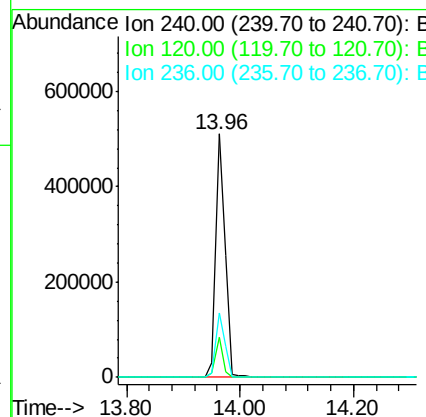
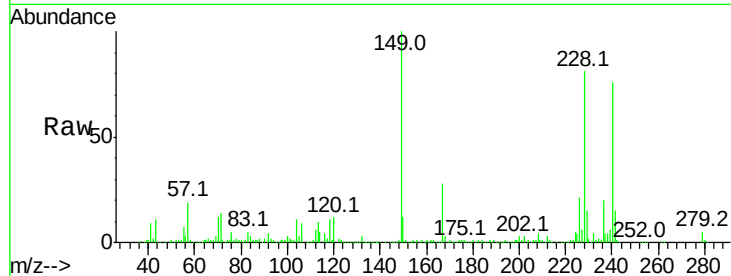
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	12.1	18.1
236	26.7	21.0	31.6

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 PM



#76

Benzidine

Concen: 43.43 ng

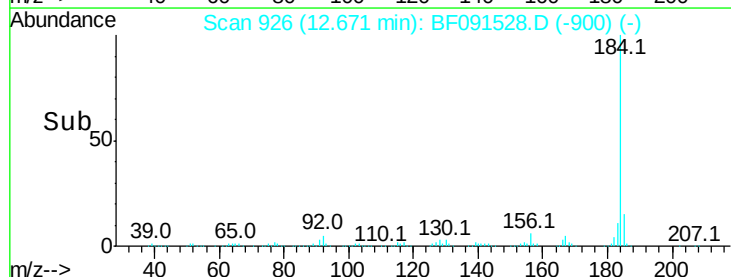
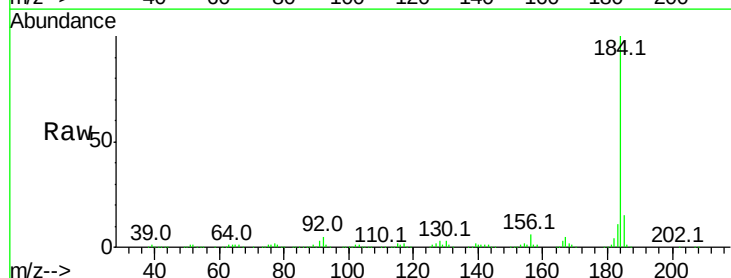
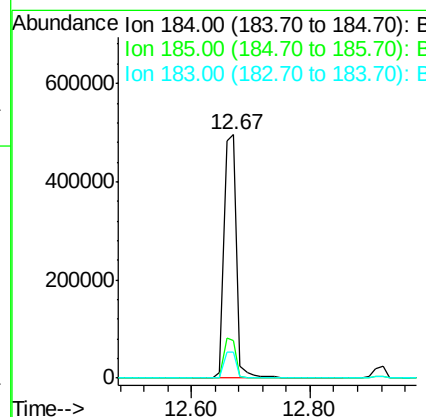
RT: 12.67 min Scan# 926

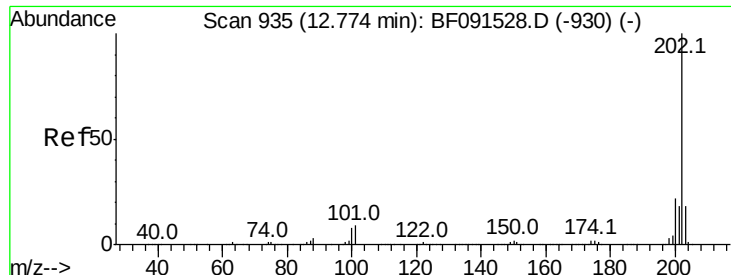
Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.1	19.7
183	10.9	8.9	13.3





#77

Pvrene

Concen: 43.40 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1859274

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

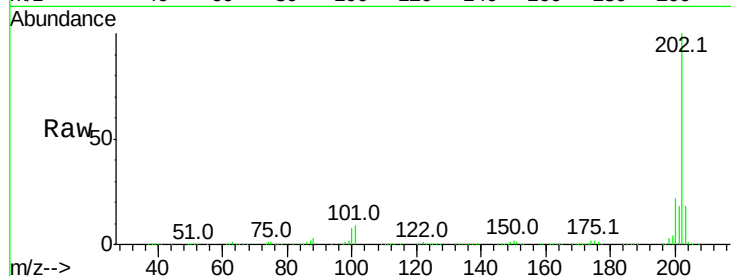
203 17.7 14.0 21.0

Manual Integrations

APPROVED

sohil

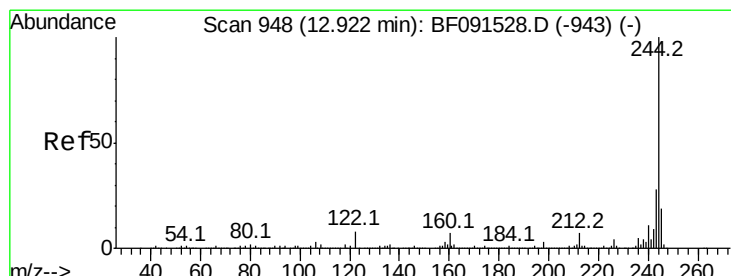
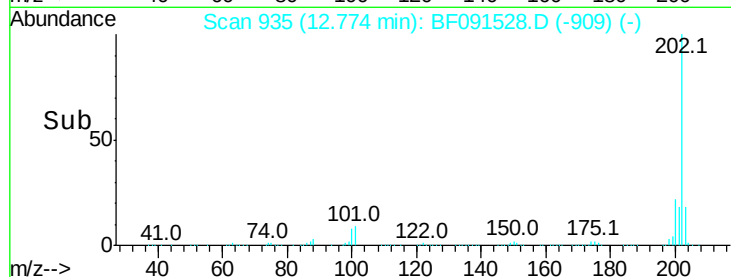
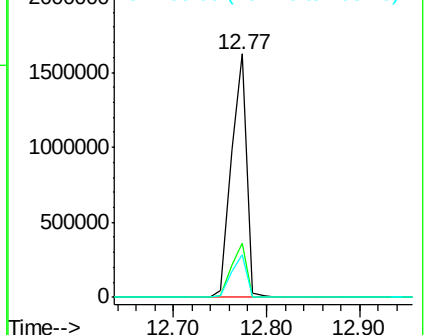
12/12/2016 6:49:30 PM



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: 79.50 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

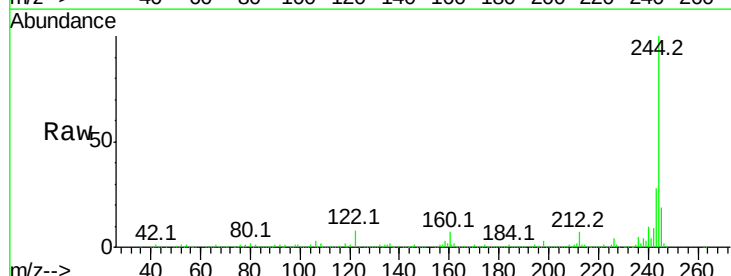
Tgt Ion:244 Resp: 2064918

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

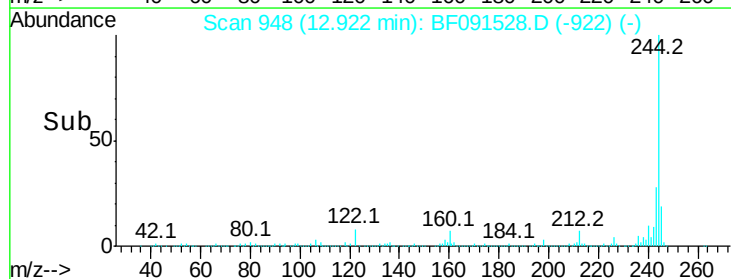
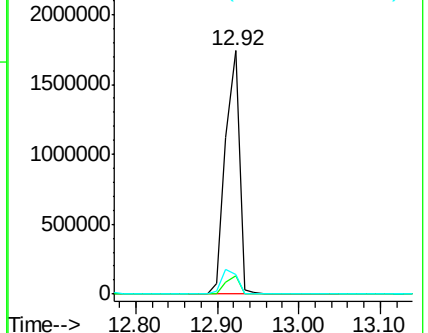
122 7.9 9.5 14.3#

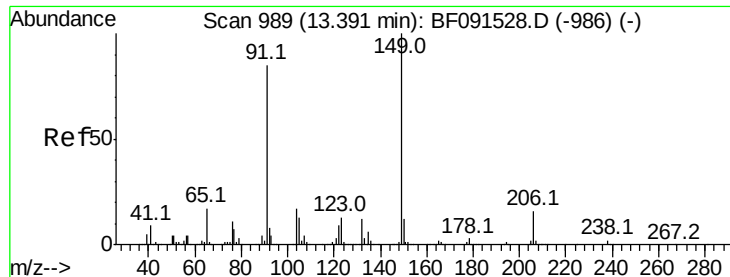


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





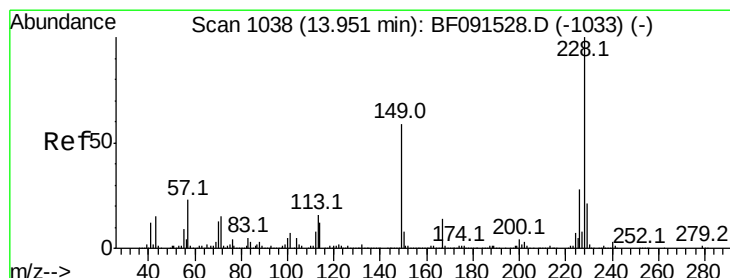
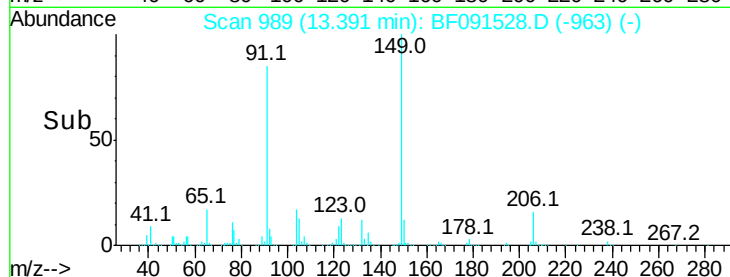
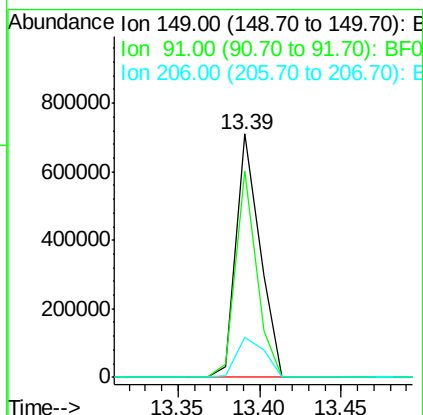
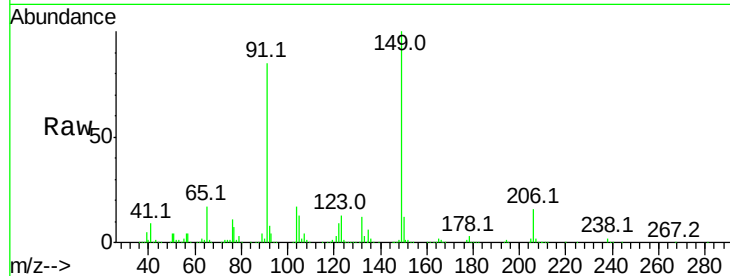
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	714426		
91	84.9	57.4	86.2	
206	16.2	15.4	23.2	

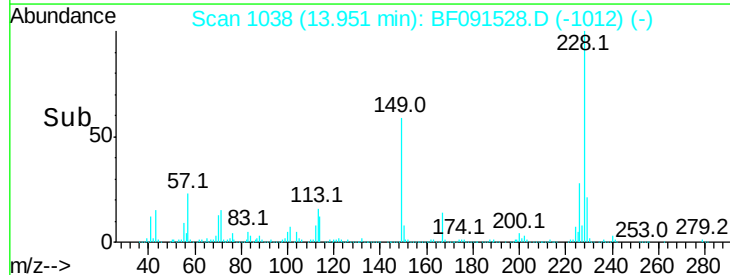
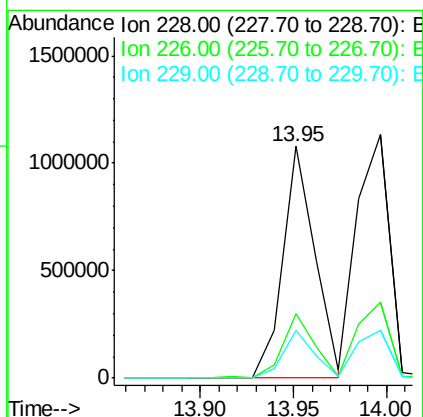
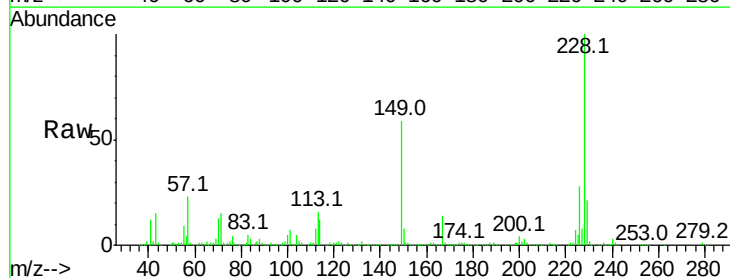
Manual Integrations
APPROVED

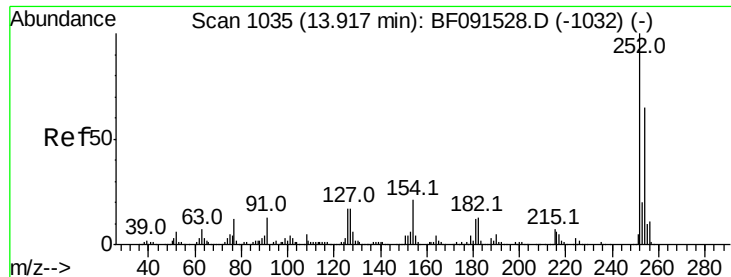
sohil
12/12/2016 6:49:30 PM



#80
Benzo(a)anthracene
Concen: 39.24 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1295459		
226	27.8	22.5	33.7	
229	20.5	16.4	24.6	





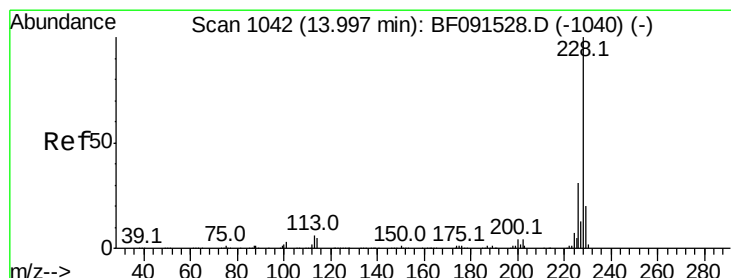
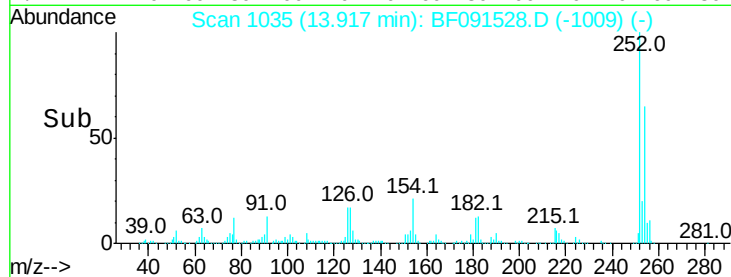
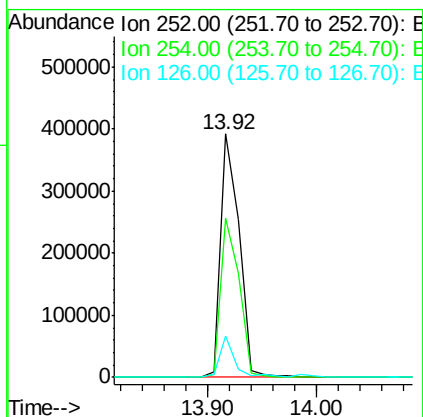
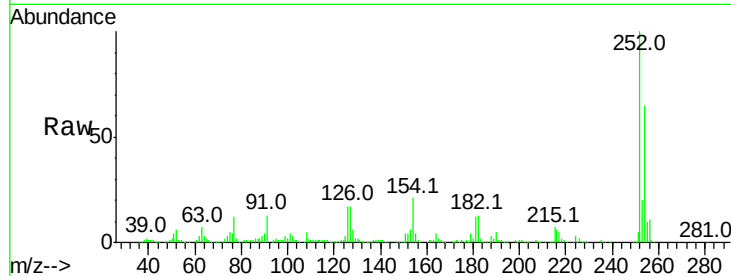
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	16.8	7.5	11.3

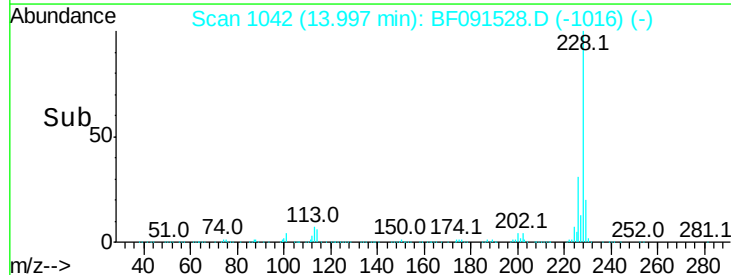
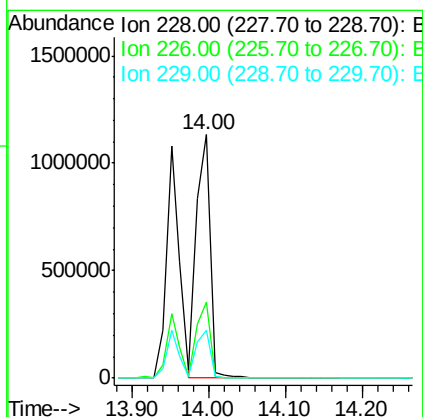
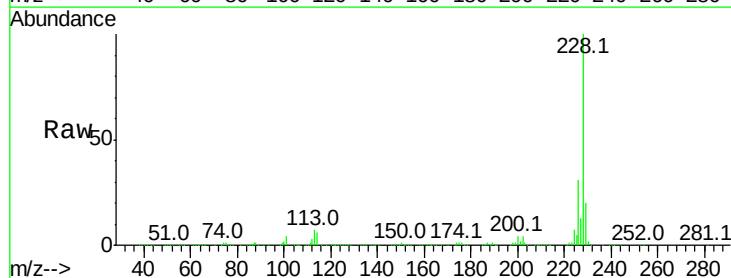
Manual Integrations
 APPROVED

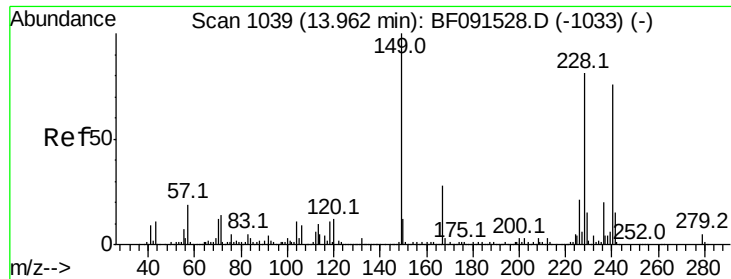
sohil
 12/12/2016 6:49:30 PM



#82
 Chrysene
 Concen: 42.78 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	19.7	16.0	24.0





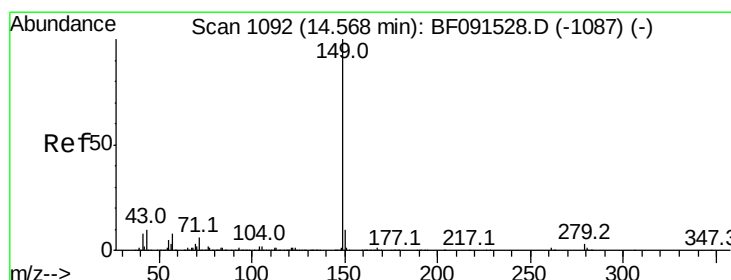
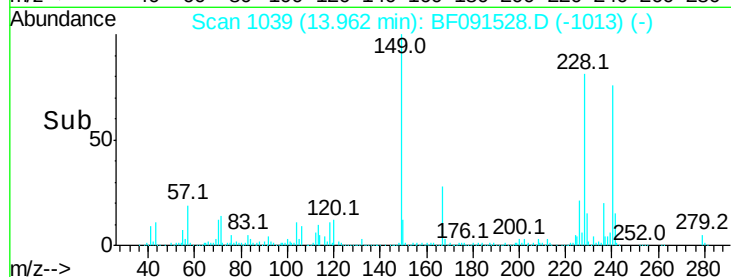
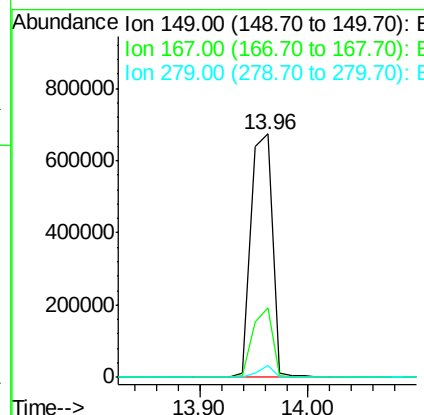
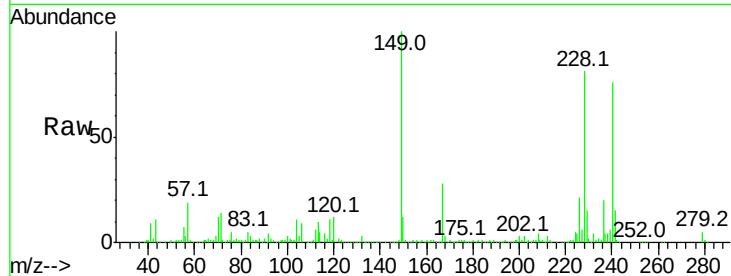
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.52 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	19.6	29.4
279	4.8	1.9	2.9#

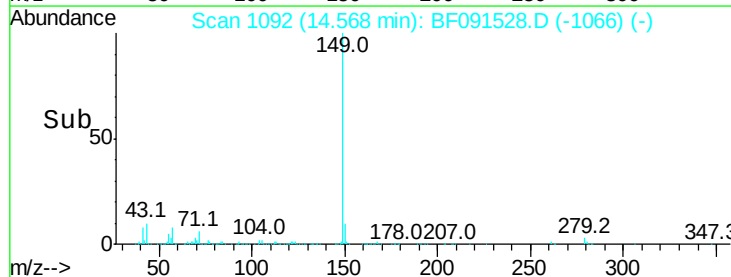
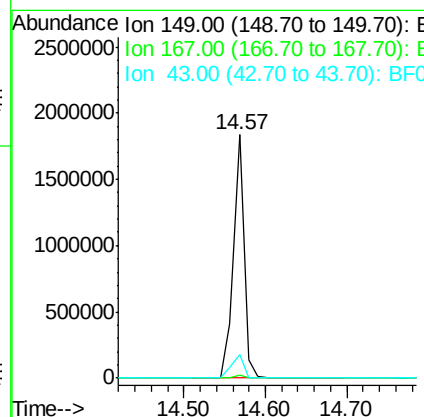
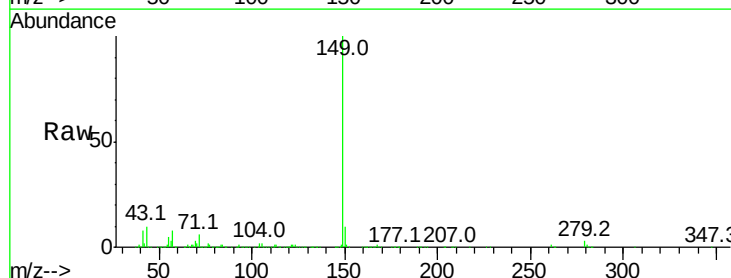
Manual Integrations
 APPROVED

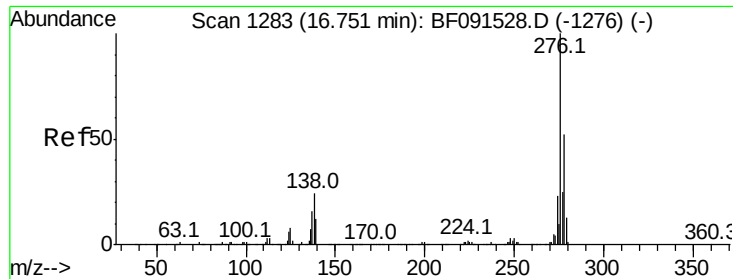
sohil
 12/12/2016 6:49:30 PM



#84
 Di-n-octyl phthalate
 Concen: 53.67 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.4	11.9	17.9#





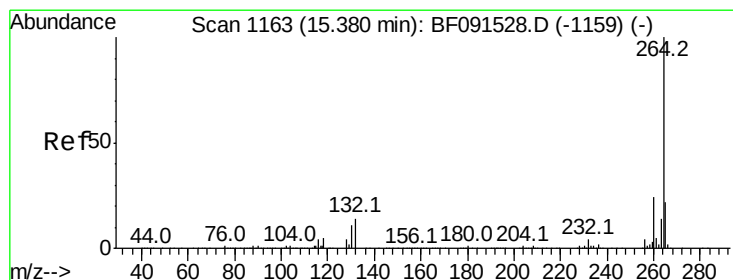
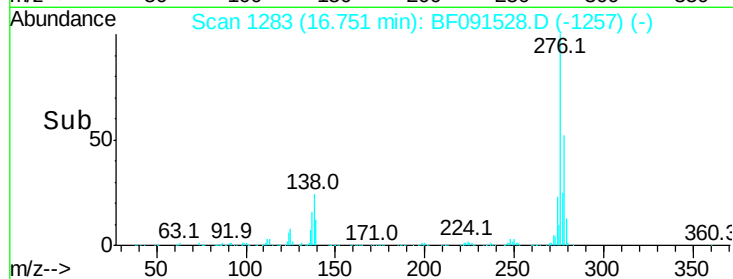
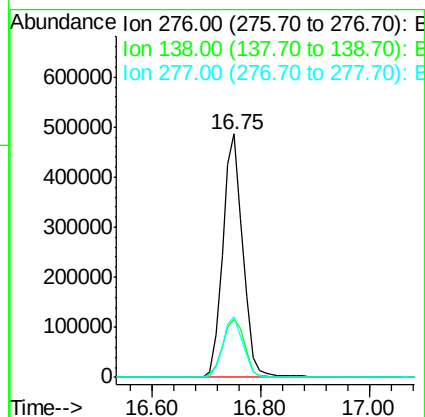
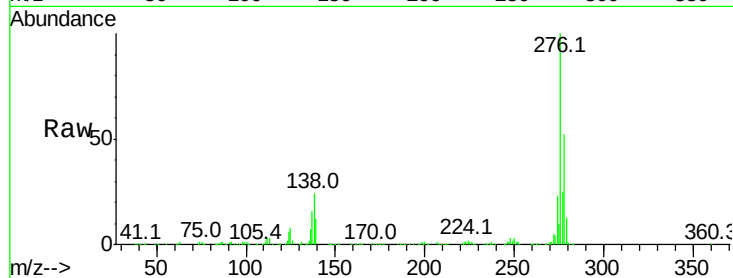
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.82 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	25.1	20.2	30.2

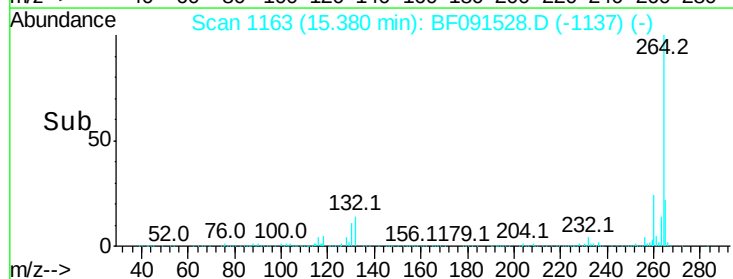
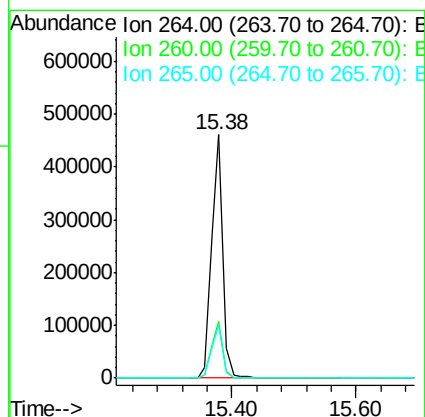
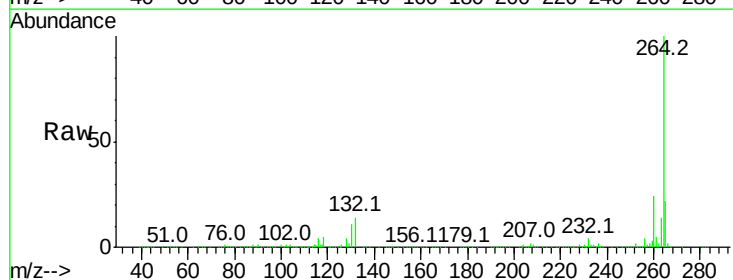
Manual Integrations
APPROVED

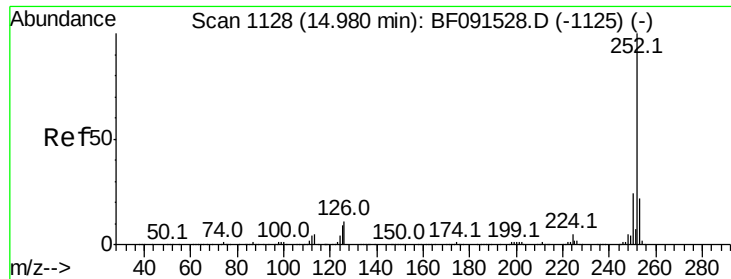
sohil
12/12/2016 6:49:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.0	25.6





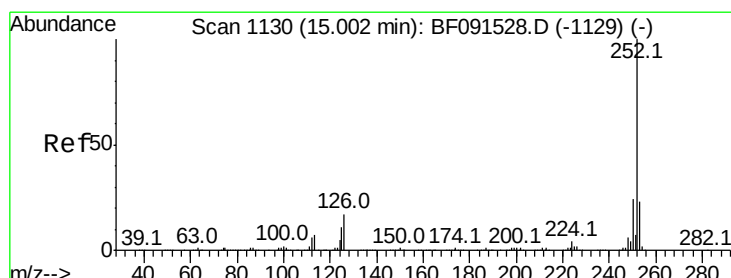
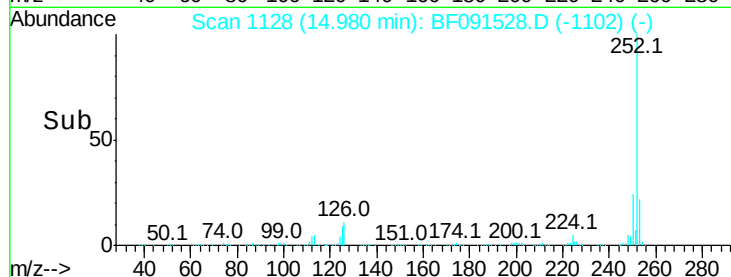
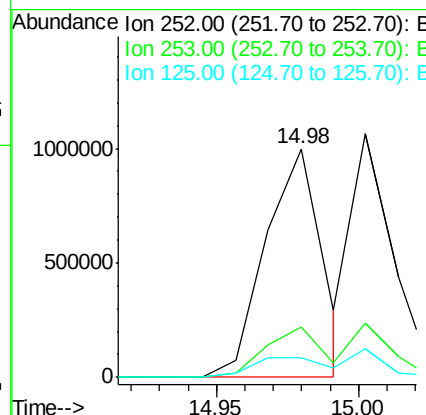
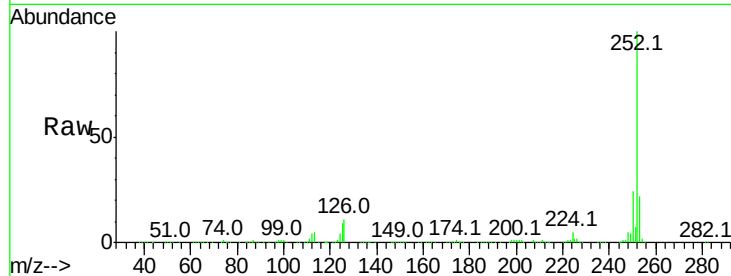
#87
Benzo(b)fluoranthene
Concen: 38.87 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.6	8.6	13.0

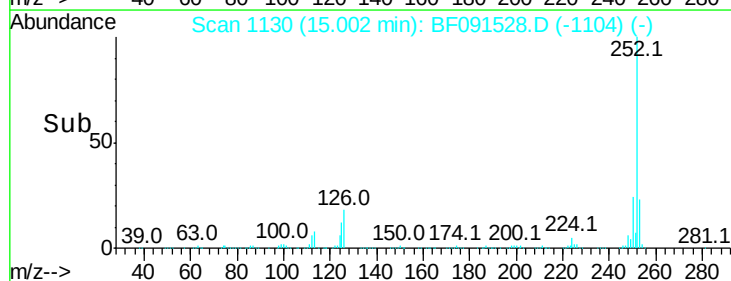
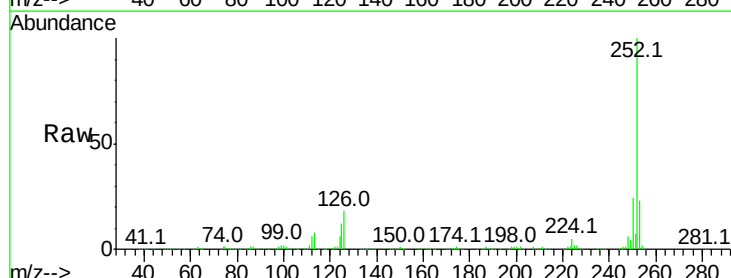
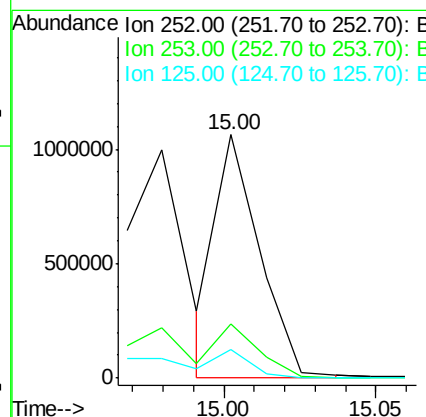
Manual Integrations
APPROVED

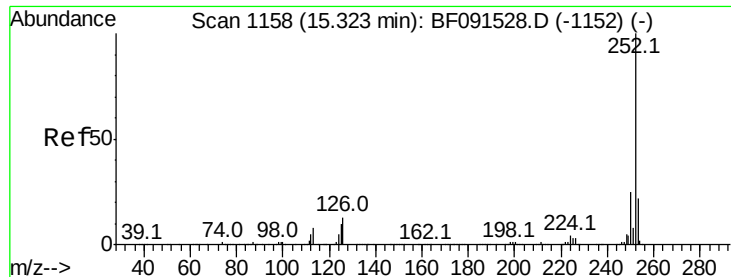
sohil
12/12/2016 6:49:30 PM



#88
Benzo(k)fluoranthene
Concen: 35.42 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091528.D
Acq: 9 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.0	9.6	14.4





#89

Benzo(a)pyrene

Concen: 37.76 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:252 Resp: 1204506

Ion Ratio Lower Upper

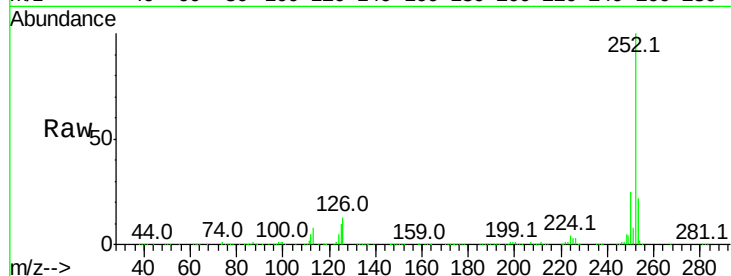
252 100

253 22.3 18.2 27.4

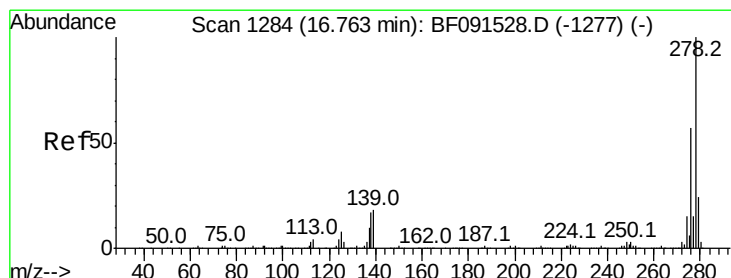
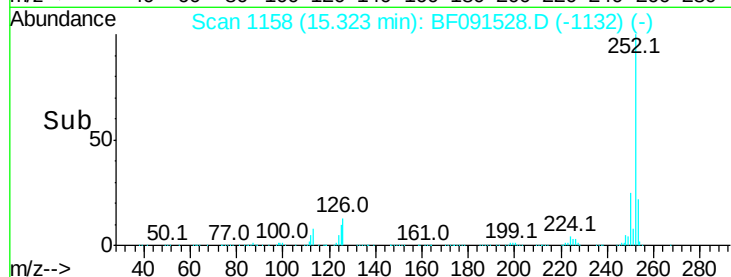
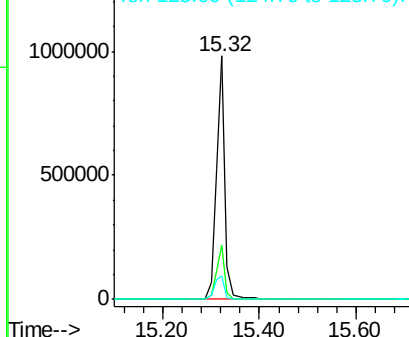
125 9.9 10.4 15.6#

Manual Integrations
APPROVED

sohil
12/12/2016 6:49:30 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: 35.96 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF091528.D

Acq: 9 Dec 2016 15:17

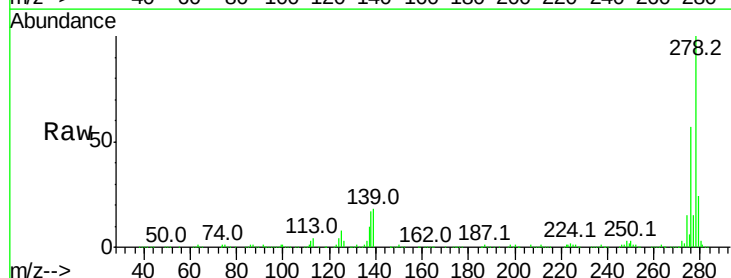
Tgt Ion:278 Resp: 1061170

Ion Ratio Lower Upper

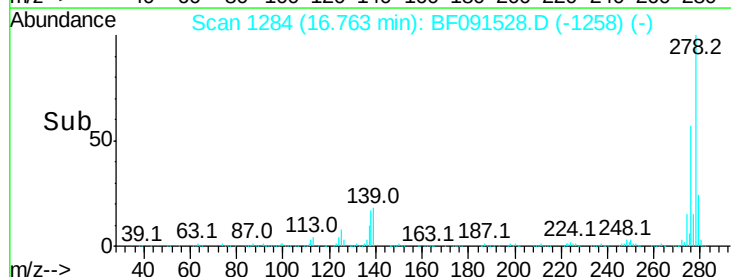
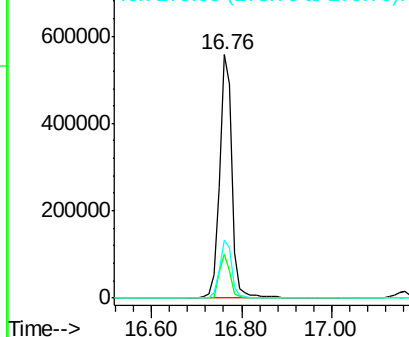
278 100

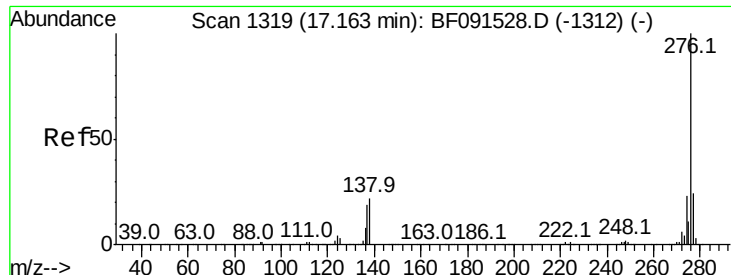
139 18.2 15.1 22.7

279 23.9 19.0 28.6



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





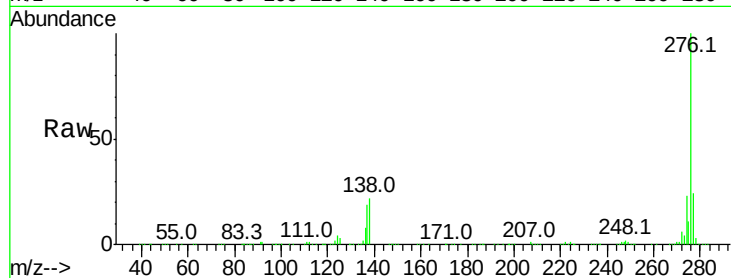
#91
 Benzo(a,h,i)perylene
 Concen: 35.03 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF091528.D
 Acq: 9 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.4
138	21.6	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/12/2016 6:49:30 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

