

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086204.D
 Acq On : 9 Apr 2016 8:06
 Operator : UM/SJ
 Sample : H2339-01MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

Quant Time: Apr 11 01:04:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120219	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	452242	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	195417	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	296534	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	230576	20.00	ng	-0.05
86) Perylene-d12	15.28	264	190854	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	786954	111.89	ng	-0.02
7) Phenol-d6	6.38	99	878489	98.34	ng	-0.03
23) Nitrobenzene-d5	7.30	82	594781	77.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	182306	99.39	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1042740	88.72	ng	-0.05
78) Terphenyl-d14	12.83	244	661672	67.46	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	110909	33.26	ng	99
3) Pyridine	3.10	79	177586	23.79	ng	100
4) n-Nitrosodimethylamine	3.01	42	124950	38.07	ng	98
6) Aniline	6.40	93	172646	14.73	ng	# 1
8) 2-Chlorophenol	6.52	128	287971	34.33	ng	96
9) Benzaldehyde	6.28	77	69105	14.38	ng	97
10) Phenol	6.40	94	344729	33.83	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	307289m	38.08	ng	
12) 1,3-Dichlorobenzene	6.67	146	305327	34.35	ng	98
13) 1,4-Dichlorobenzene	6.75	146	310878m	33.94	ng	
14) 1,2-Dichlorobenzene	6.90	146	292325	34.68	ng	99
15) Benzyl Alcohol	6.89	79	229424	39.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	331148	33.59	ng	58
17) 2-Methylphenol	7.00	107	234828	35.51	ng	# 93
18) Hexachloroethane	7.23	117	95248	28.28	ng	# 81
19) n-Nitroso-di-n-propylamine	7.15	70	194823	35.18	ng	# 92
20) 3+4-Methylphenols	7.16	107	318753	39.63	ng	# 64
22) Acetophenone	7.15	105	425592	40.03	ng	# 88
24) Nitrobenzene	7.32	77	333185	39.71	ng	93
25) Isophorone	7.56	82	588881	38.90	ng	96
26) 2-Nitrophenol	7.64	139	141769	35.32	ng	91
27) 2,4-Dimethylphenol	7.69	122	283732	39.36	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	343321	38.65	ng	97
29) 2,4-Dichlorophenol	7.89	162	227386	37.31	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	257053	37.57	ng	95
31) Naphthalene	8.03	128	839047	36.88	ng	99
32) Benzoic acid	7.84	122	151695	28.68	ng	96
33) 4-Chloroaniline	8.10	127	106029	11.54	ng	97
34) Hexachlorobutadiene	8.16	225	134054	36.45	ng	99
35) Caprolactam	8.48	113	61079	31.59	ng	89
36) 4-Chloro-3-methylphenol	8.59	107	249767	36.45	ng	95
37) 2-Methylnaphthalene	8.73	142	542153	36.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	220355	37.52	ng	99
40) Hexachlorocyclopentadiene	8.88	237	23064	19.05	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086204.D
 Acq On : 9 Apr 2016 8:06
 Operator : UM/SJ
 Sample : H2339-01MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

Quant Time: Apr 11 01:04:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	148311	39.32	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	140485	36.69	nq	97
45) 1,1'-Biphenyl	9.20	154	622585	36.95	nq	95
46) 2-Chloronaphthalene	9.22	162	473094	38.73	nq	98
47) 2-Nitroaniline	9.32	65	153217	42.87	nq	99
48) Acenaphthylene	9.63	152	743384	37.99	nq	99
49) Dimethylphthalate	9.49	163	551179	38.05	nq	99
50) 2,6-Dinitrotoluene	9.56	165	103862	33.89	nq	99
51) Acenaphthene	9.80	154	437770	37.62	nq	99
52) 3-Nitroaniline	9.73	138	76458	20.70	nq	97
53) 2,4-Dinitrophenol	9.86	184	23204	19.72	nq	# 78
54) Dibenzofuran	9.97	168	609595	39.67	nq	99
55) 4-Nitrophenol	9.92	139	129747	59.59	nq	90
56) 2,4-Dinitrotoluene	9.97	165	129908	33.55	nq	# 64
57) Fluorene	10.32	166	480314	36.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	108987	38.23	nq	97
59) Diethylphthalate	10.19	149	509685	34.86	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	226719	37.08	nq	97
61) 4-Nitroaniline	10.35	138	122980	33.81	nq	97
62) Azobenzene	10.46	77	557768	39.83	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	19322	10.75	nq	84
65) n-Nitrosodiphenylamine	10.43	169	429230	46.28	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	129680	42.83	nq	92
67) Hexachlorobenzene	10.86	284	132237	42.24	nq	99
68) Atrazine	10.96	200	91661	30.59	nq	98
69) Pentachlorophenol	11.06	266	109771	74.81	nq	98
70) Phenanthrene	11.28	178	631574	39.04	nq	98
71) Anthracene	11.32	178	606023	35.76	nq	100
72) Carbazole	11.48	167	537186	36.88	nq	99
73) Di-n-butylphthalate	11.81	149	797375	44.18	nq	99
74) Fluoranthene	12.45	202	539359	32.05	nq	98
76) Benzidine	12.58	184	198718	24.43	nq	98
77) Pyrene	12.68	202	541164	33.31	nq	99
79) Butylbenzylphthalate	13.30	149	262126	35.83	nq	# 72
80) Benzo(a)anthracene	13.87	228	482293	35.48	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	128693	12.96	nq	98
82) Chrysene	13.91	228	440079	33.61	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	376964	38.82	nq	99
84) Di-n-octyl phthalate	14.48	149	672672	43.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	380591	35.83	nq	99
87) Benzo(b)fluoranthene	14.89	252	450016m	37.48	nq	
88) Benzo(k)fluoranthene	14.91	252	405780m	38.17	nq	
89) Benzo(a)pyrene	15.22	252	399447	37.55	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	322726	37.71	nq	97
91) Benzo(g,h,i)perylene	17.01	276	305898	36.93	nq	95

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

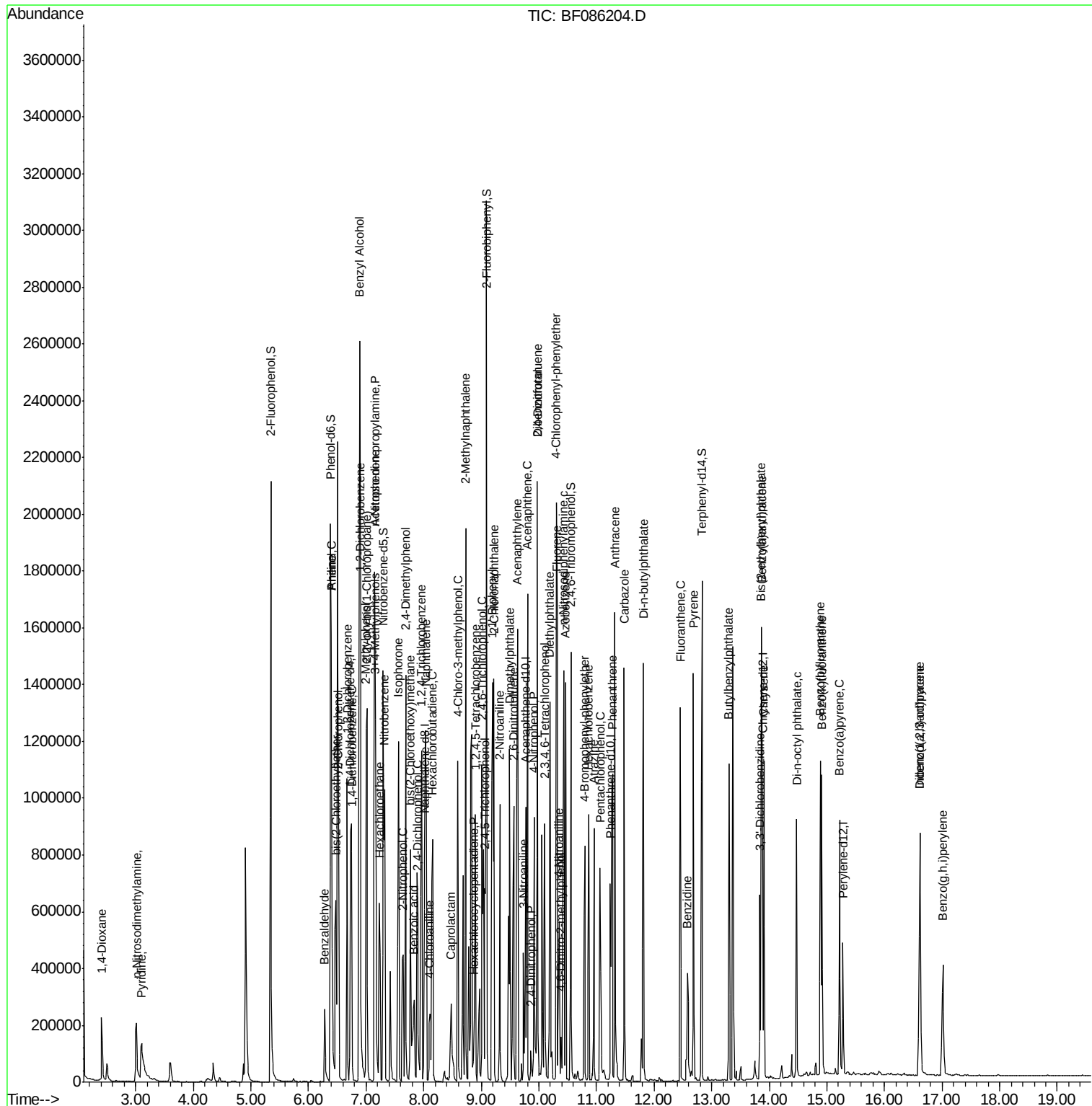
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\  
Data File : BF086204.D  
Acq On    : 9 Apr 2016    8:06  
Operator  : UM/SJ  
Sample    : H2339-01MS  
Misc      :  
ALS Vial  : 43    Sample Multiplier: 1
```

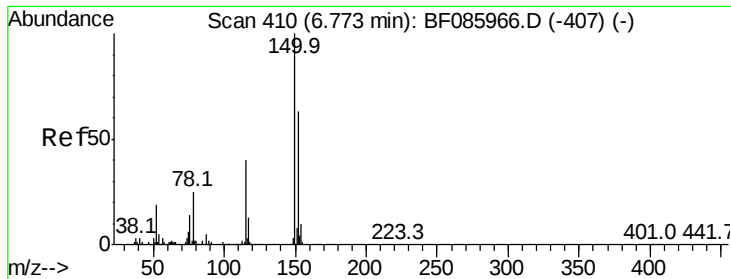
Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Manual Integrations APPROVED

Sohil
4/11/2016 5:45:31 PM

Quant Time: Apr 11 01:04:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

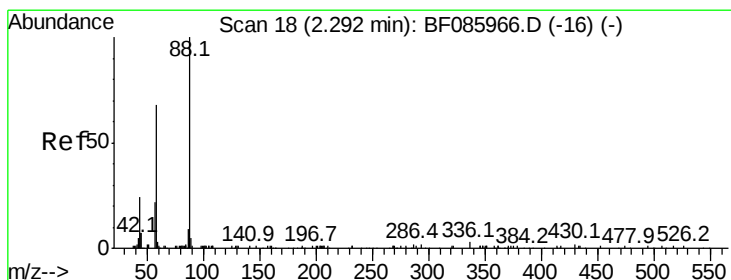
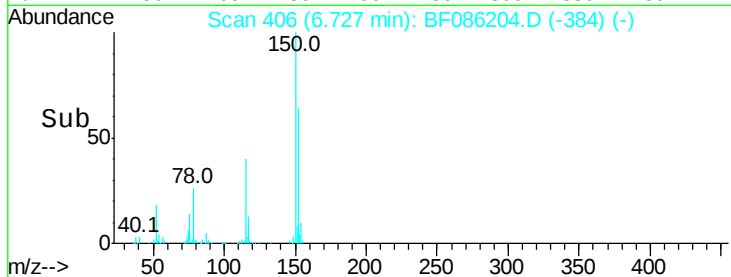
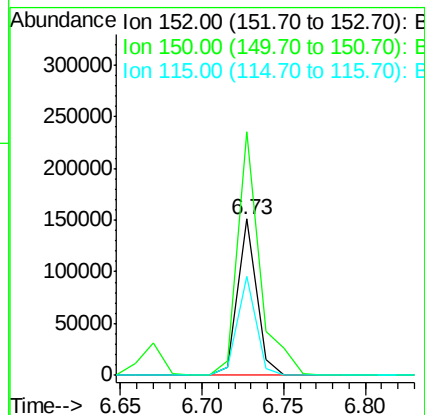
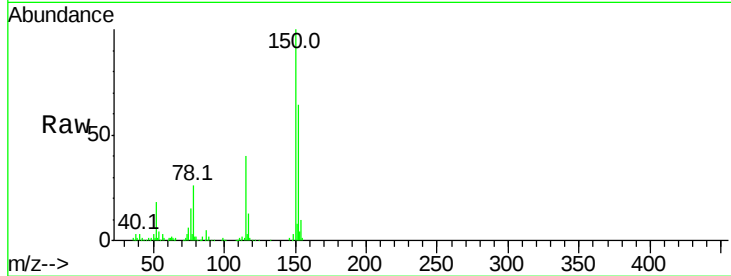
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	152	Resp:	120219
Ion Ratio	Lower	Upper	
152	100		
150	155.8	124.2	186.2
115	63.0	47.0	70.6

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#2

1,4-Dioxane

Concen: 33.26 ng

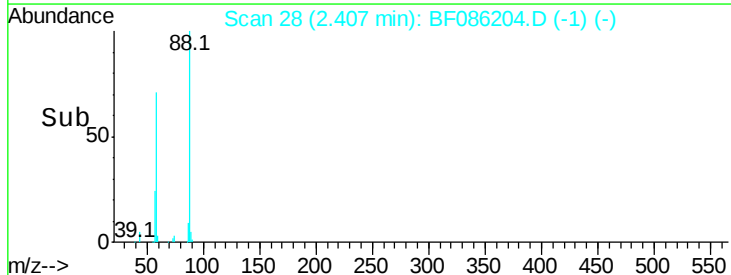
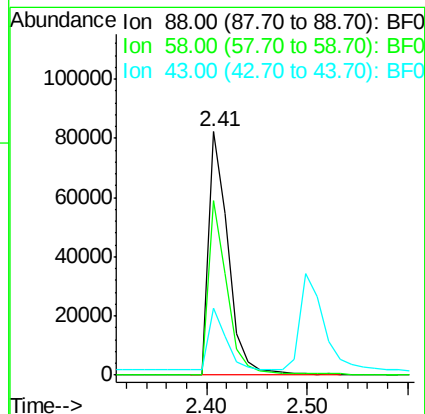
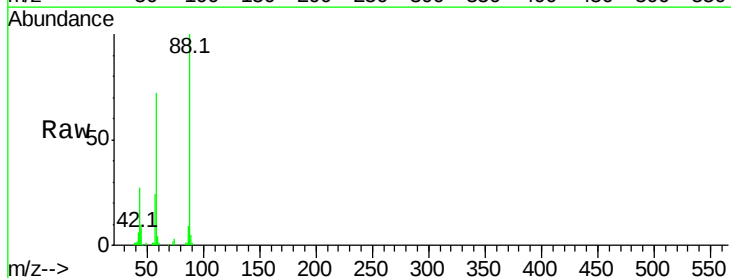
RT: 2.41 min Scan# 28

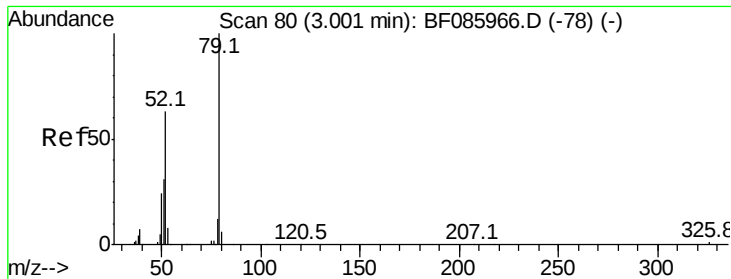
Delta R.T. 0.11 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	88	Resp:	110909
Ion Ratio	Lower	Upper	
88	100		
58	68.7	54.2	81.2
43	23.2	19.3	28.9





#3

Pvridine

Concen: 23.79 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

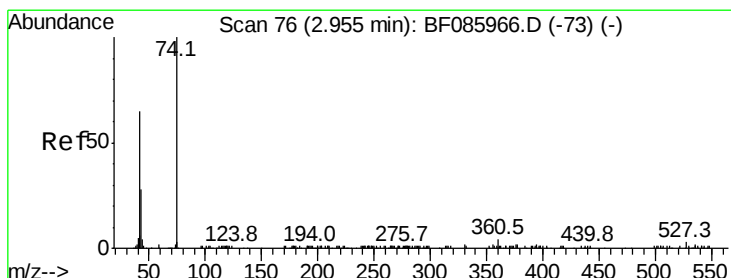
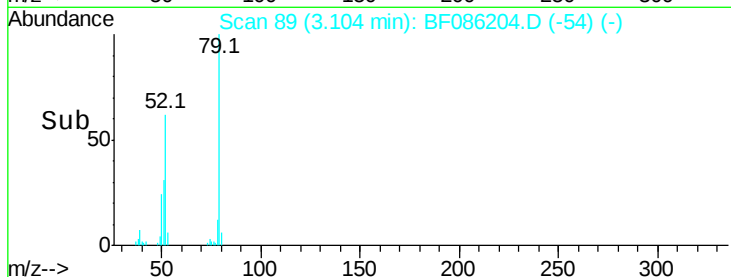
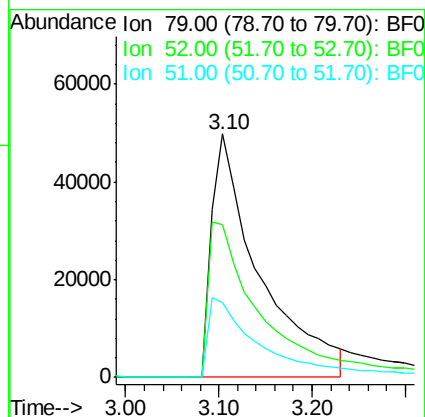
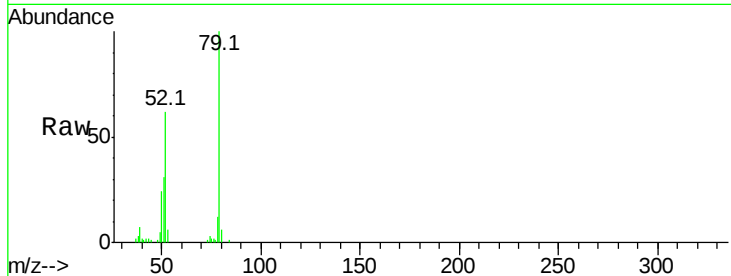
ClientSampleId :

SUMPPUMP-5MS

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM

Tot Ion	79	Resp	177586
Ion Ratio	Lower	Upper	
79	100		
52	62.5	49.8	74.6
51	30.7	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 38.07 ng

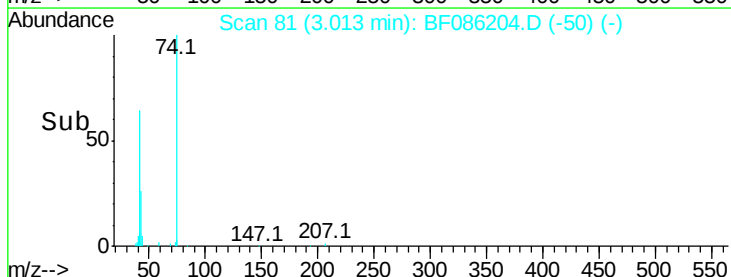
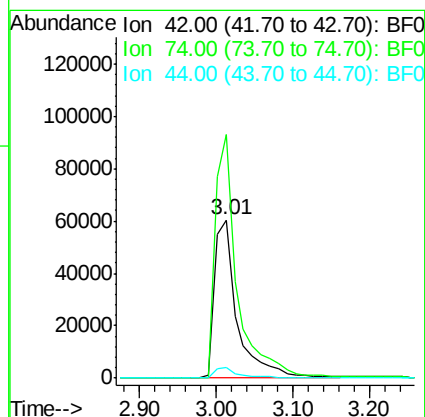
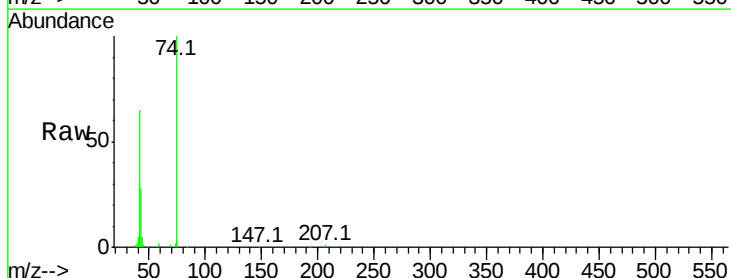
RT: 3.01 min Scan# 81

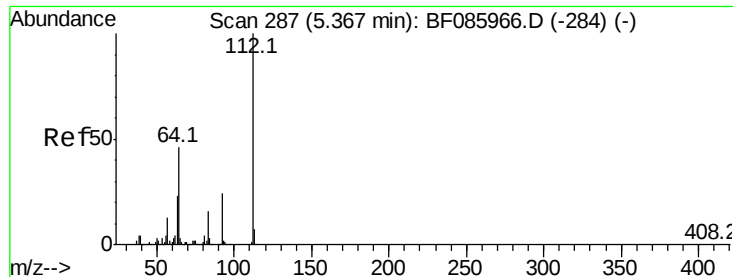
Delta R.T. 0.06 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion	42	Resp	124950
Ion Ratio	Lower	Upper	
42	100		
74	154.1	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 111.89 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

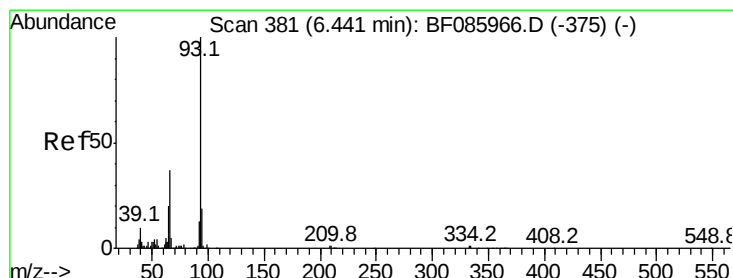
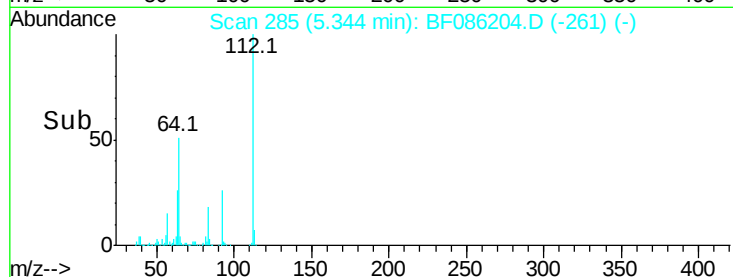
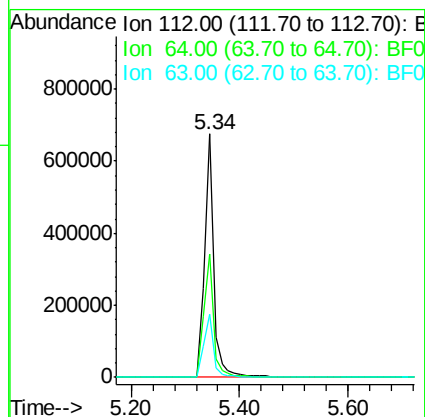
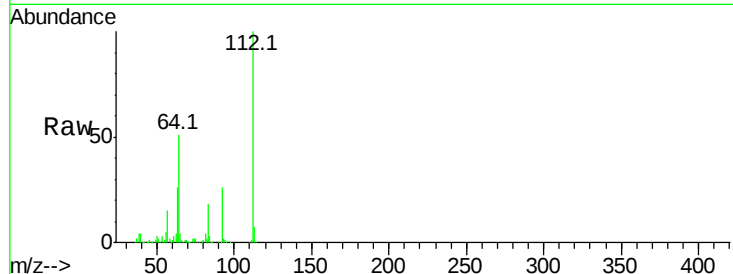
ClientSampleId :

SUMPPUMP-5MS

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM

Tot Ion	Ratio	Resp	Lower	Upper
112	100	786954		
64	50.8	39.9	59.9	
63	25.8	20.2	30.2	



#6

Aniline

Concen: 14.73 ng

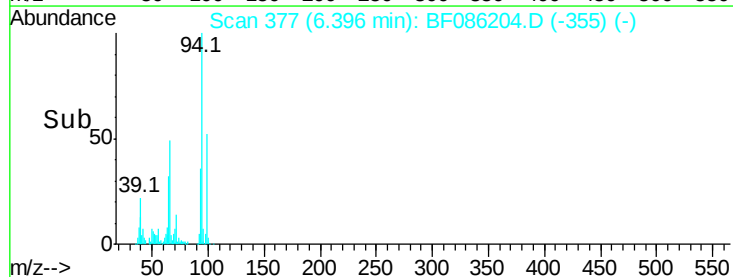
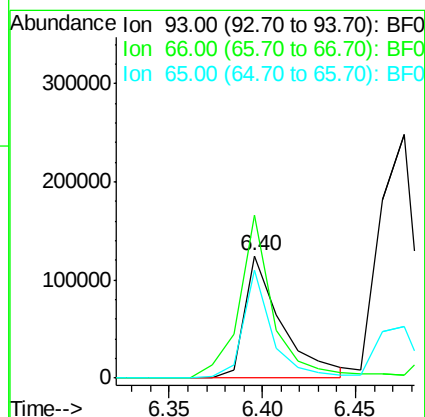
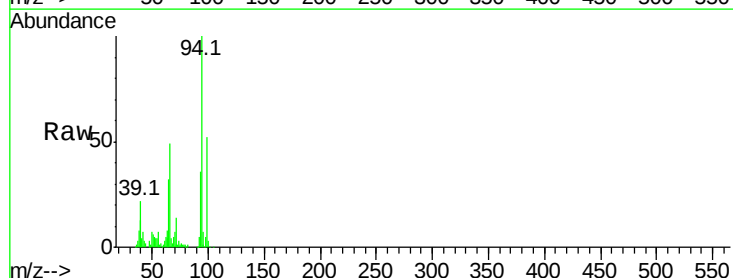
RT: 6.40 min Scan# 377

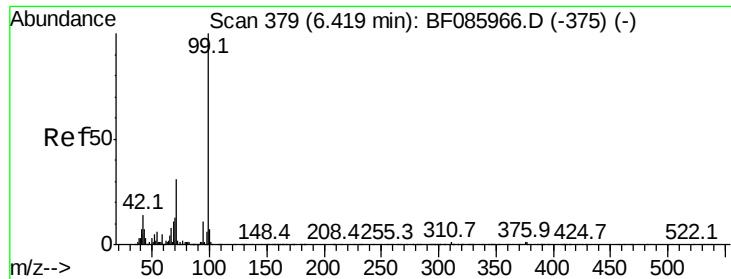
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	172646		
66	133.9	31.4	47.2#	
65	88.5	15.7	23.5#	





#7

Phenol-d6

Concen: 98.34 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

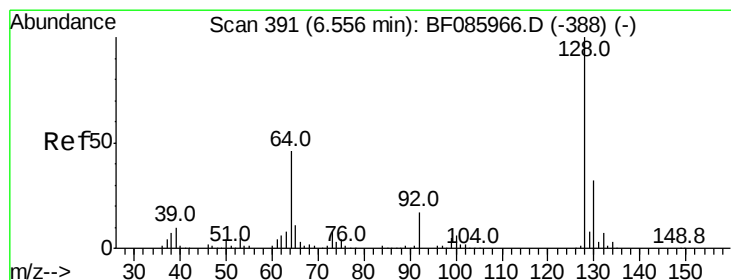
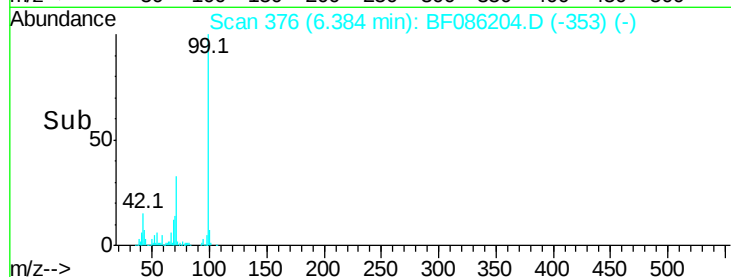
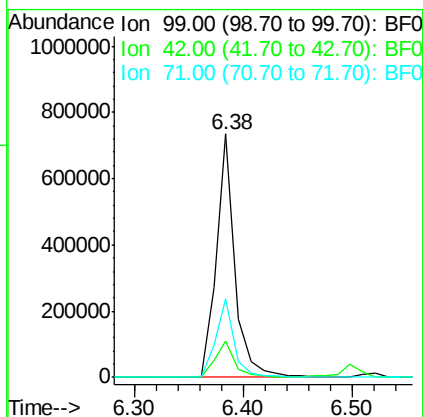
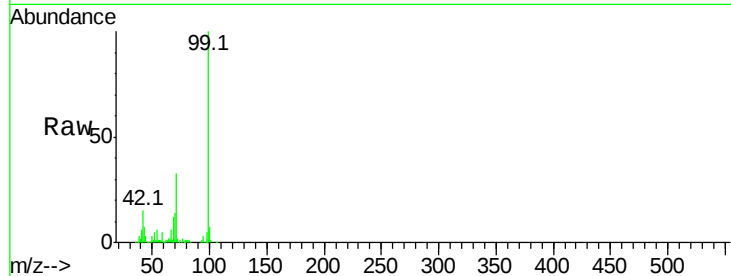
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	99	Resp:	878489
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.1	16.7
71	32.5	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#8

2-Chlorophenol

Concen: 34.33 ng

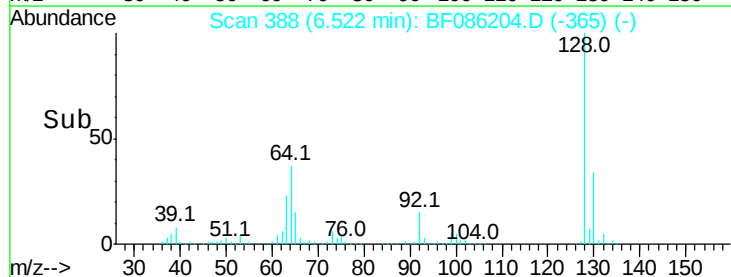
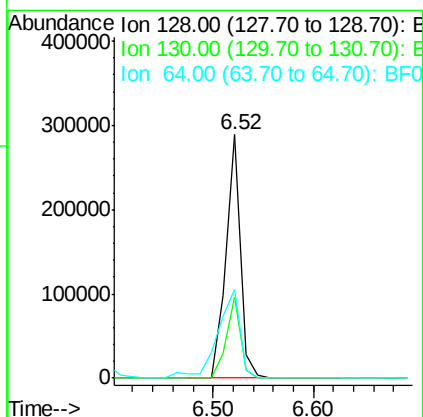
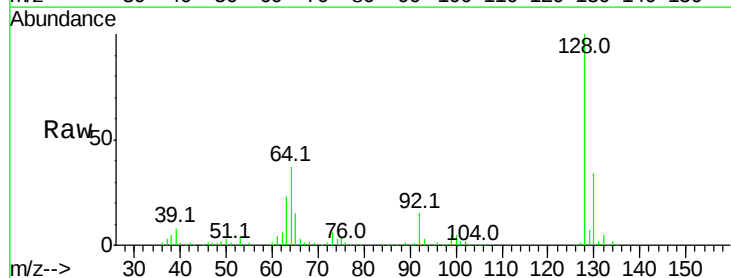
RT: 6.52 min Scan# 388

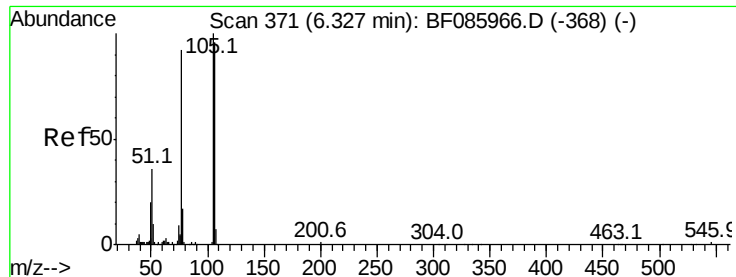
Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	128	Resp:	287971
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.9	52.9
64	36.7	20.2	60.2





#9

Benzaldehyde

Concen: 14.38 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

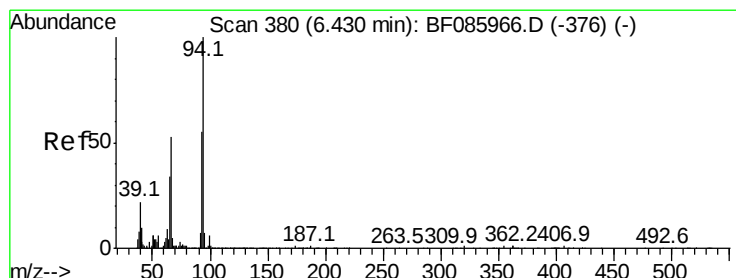
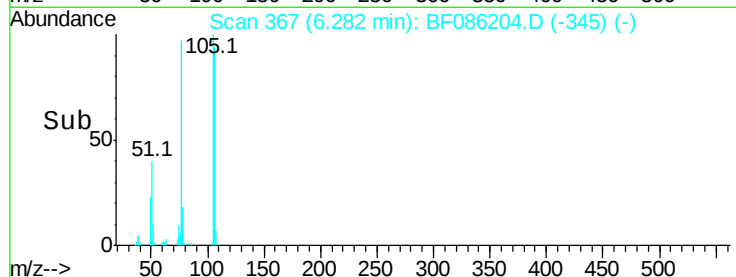
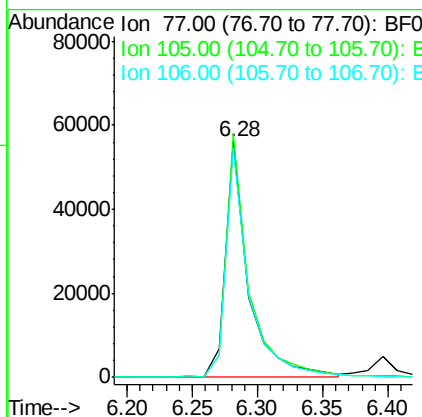
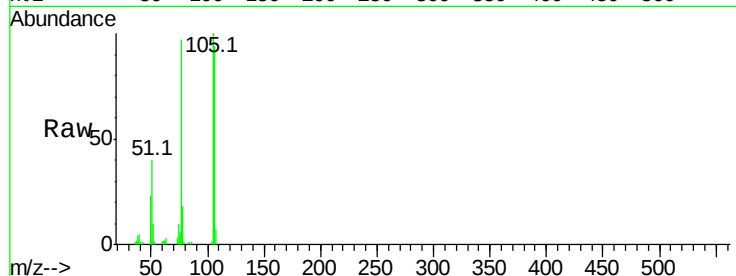
ClientSampleId :

SUMPPUMP-5MS

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM

Tot Ion:	77	Resp:	69105
Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.1	120.1
106	97.2	75.0	115.0



#10

Phenol

Concen: 33.83 ng

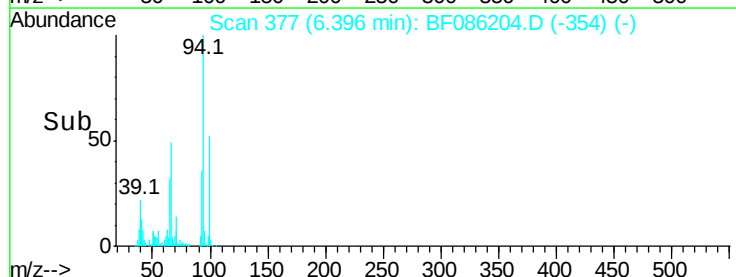
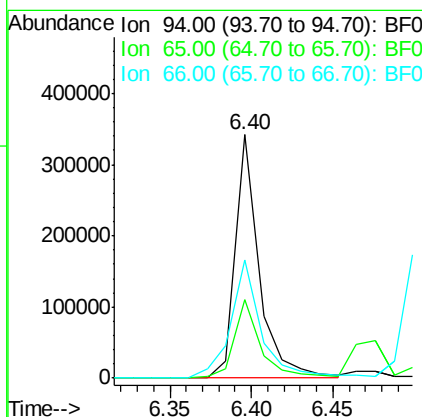
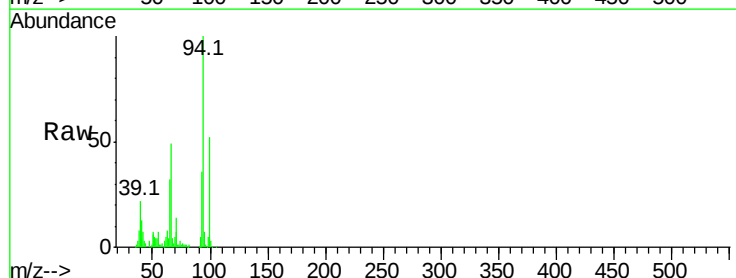
RT: 6.40 min Scan# 377

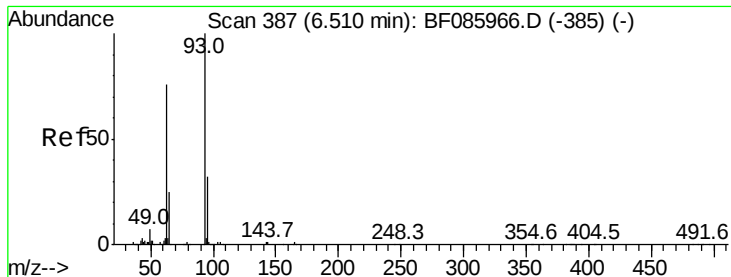
Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	94	Resp:	344729
Ion	Ratio	Lower	Upper
94	100		
65	32.2	8.6	48.6
66	48.7	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 38.08 ng/mL

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

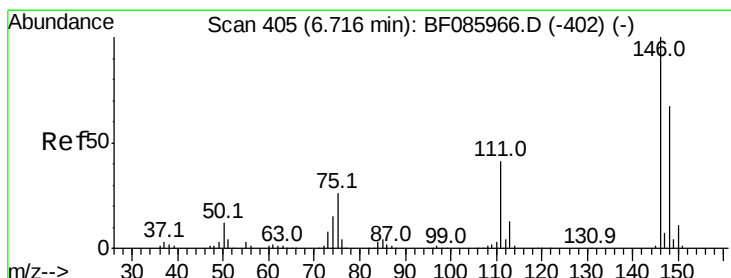
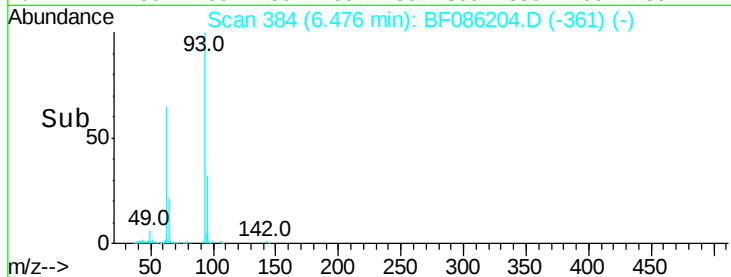
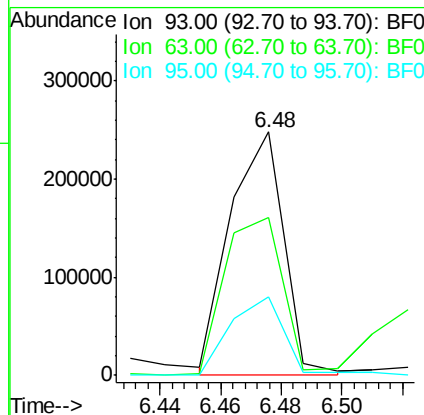
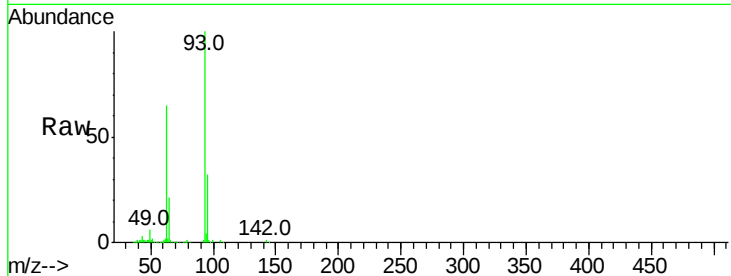
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	93	Resp:	307289
Ion Ratio	Lower	Upper	
93	100		
63	64.9	50.9	90.9
95	32.4	13.3	53.3

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#12

1,3-Dichlorobenzene

Concen: 34.35 ng/mL

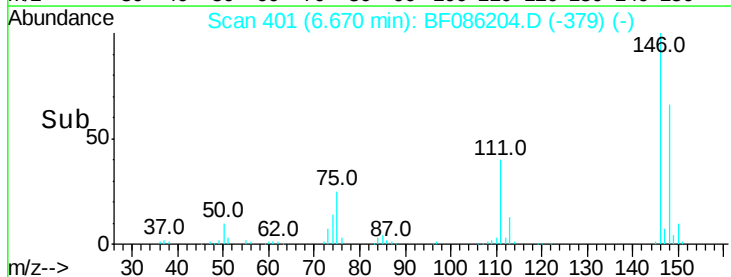
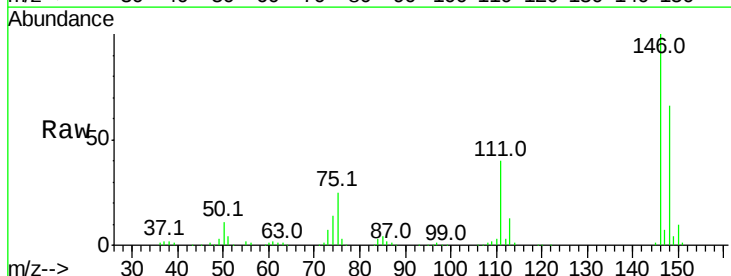
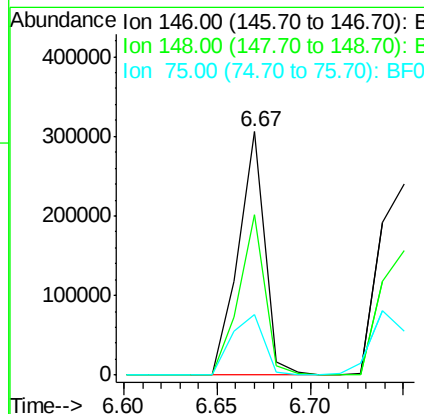
RT: 6.67 min Scan# 401

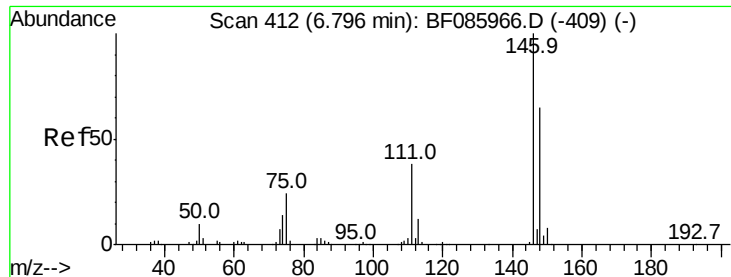
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	146	Resp:	305327
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.3	78.5
75	25.0	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 33.94 ng/mL

RT: 6.75 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

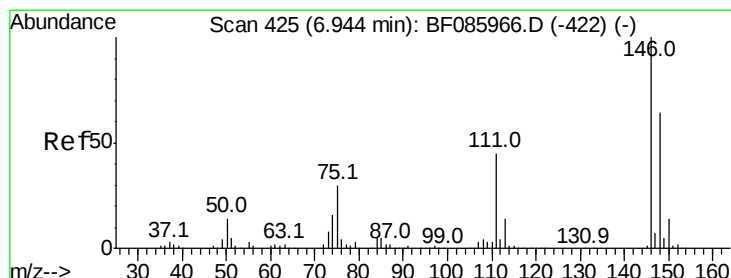
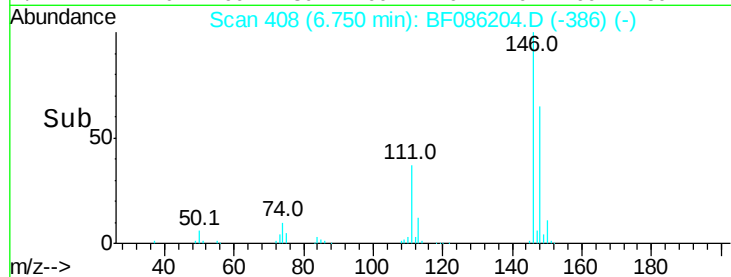
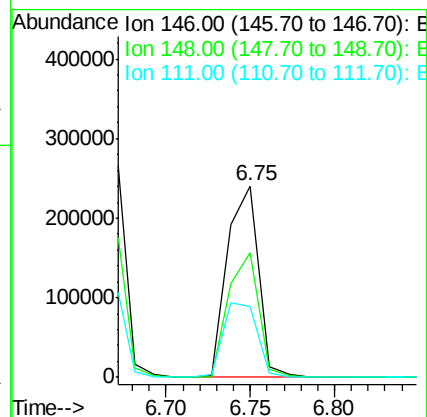
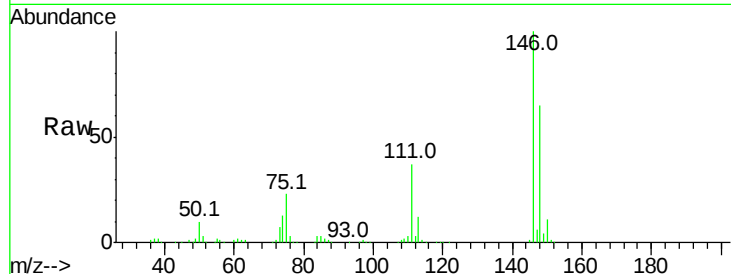
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	146	Resp:	310878
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	76.0
111	37.2	37.8	56.6

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#14

1,2-Dichlorobenzene

Concen: 34.68 ng/mL

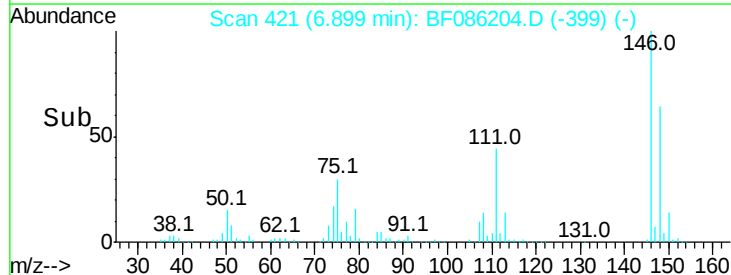
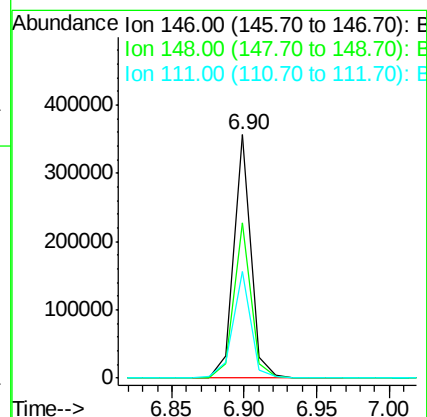
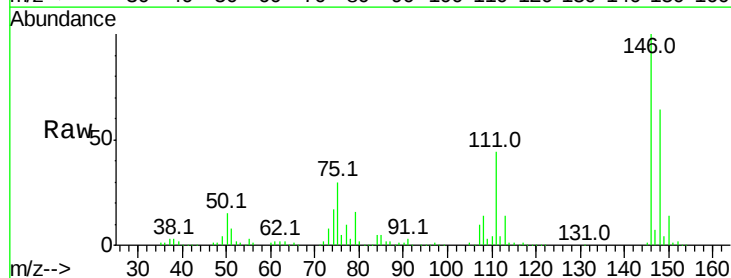
RT: 6.90 min Scan# 421

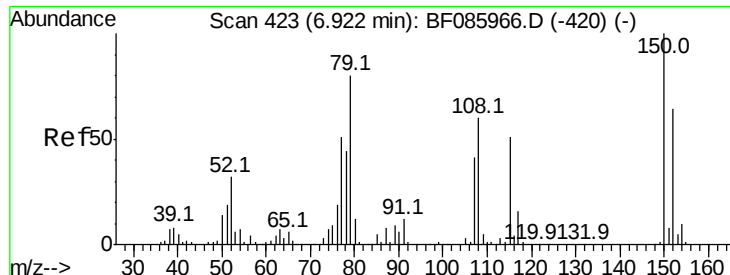
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	146	Resp:	292325
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	44.0	34.6	52.0





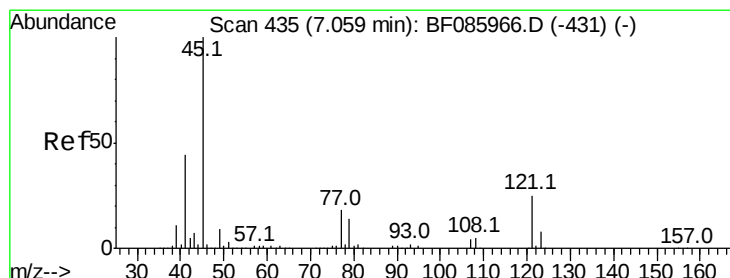
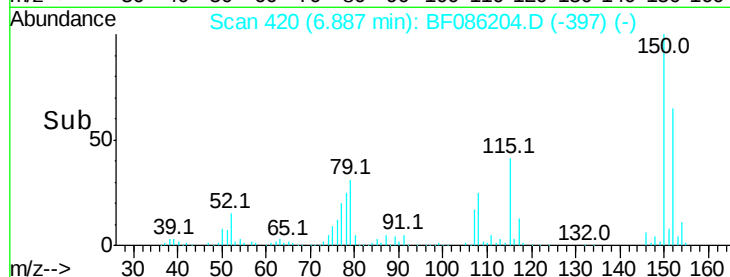
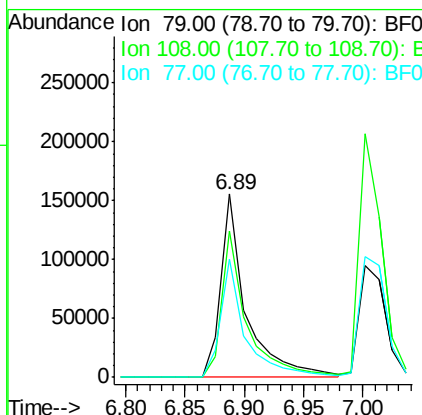
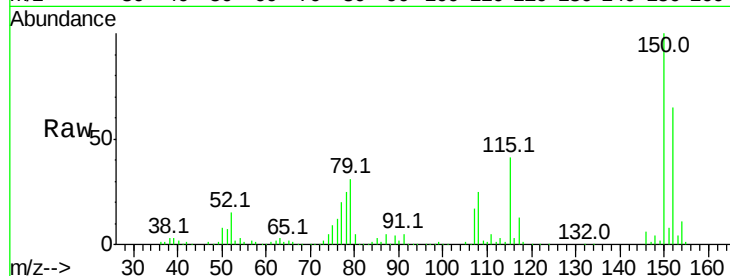
#15
Benzyl Alcohol
Concen: 39.69 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	229424		
108	79.9	61.8	92.6	
77	64.3	49.6	74.4	

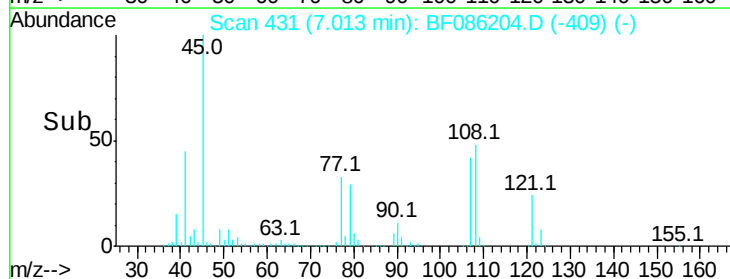
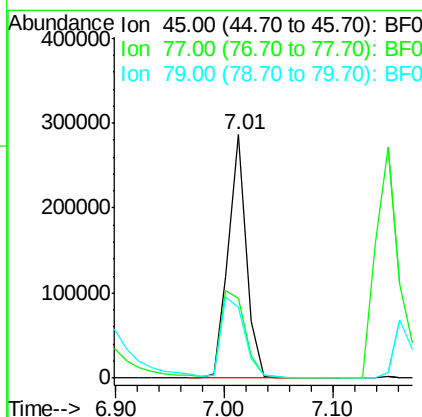
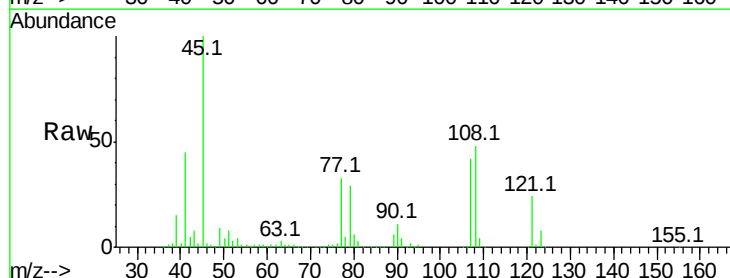
Manual Integrations
APPROVED

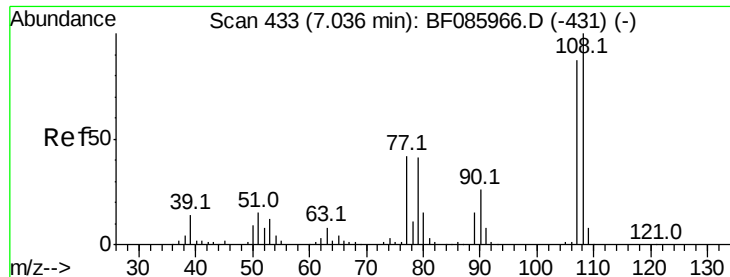
Sohil
4/11/2016 5:45:31 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.59 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	331148		
77	33.0	0.0	35.7	
79	29.1	0.0	32.2	





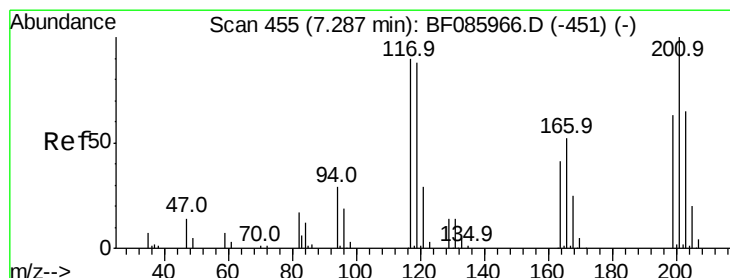
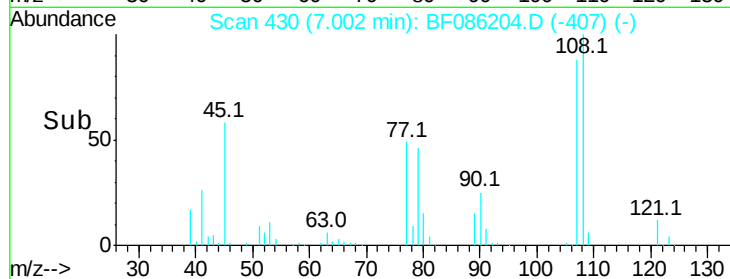
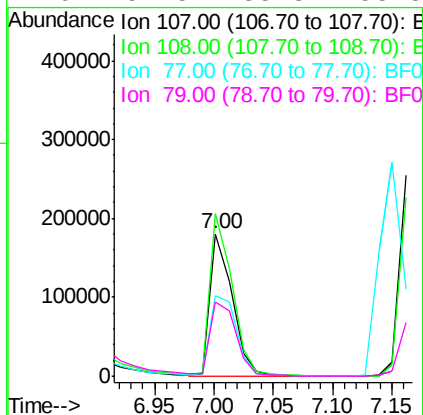
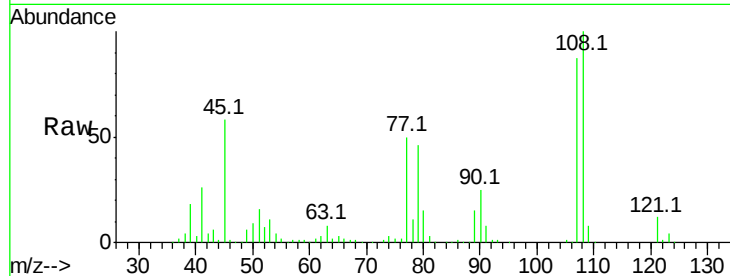
#17
2-Methylphenol
Concen: 35.51 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.4	137.0	
77	56.7	36.2	54.2	
79	52.5	35.8	53.8	

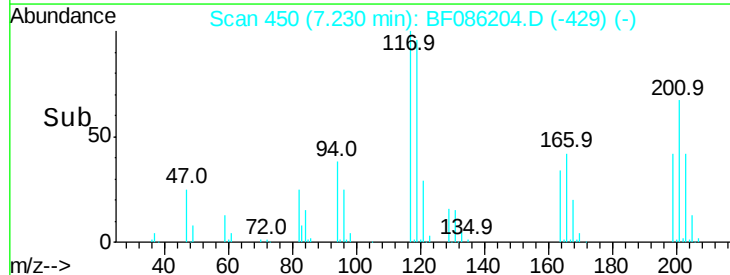
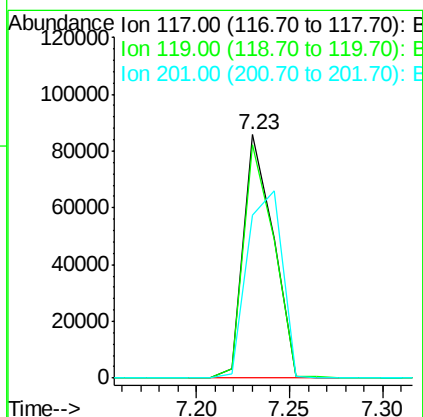
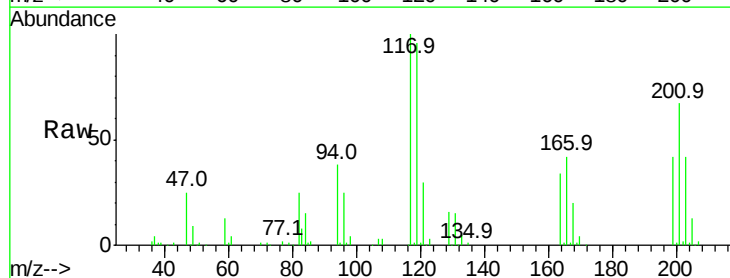
Manual Integrations
APPROVED

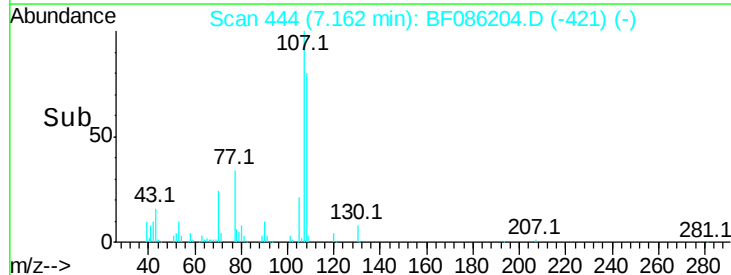
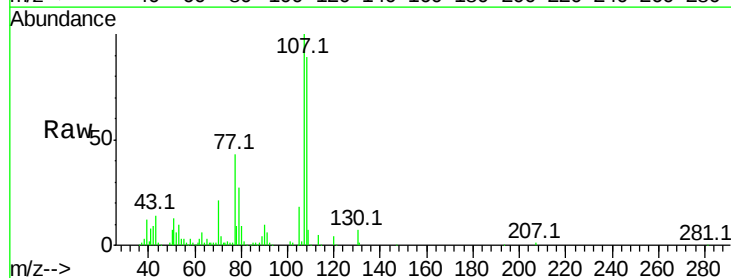
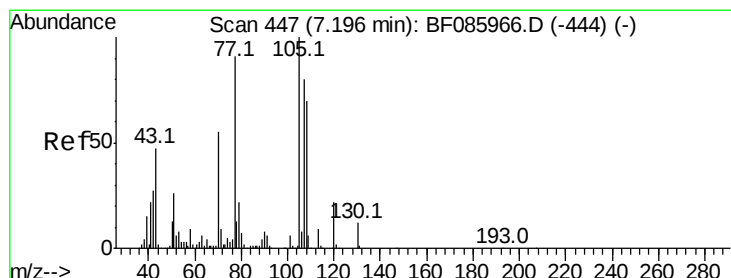
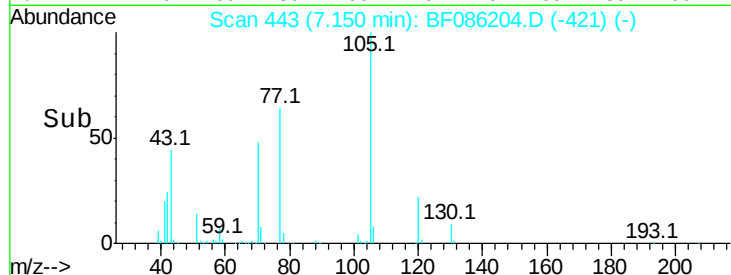
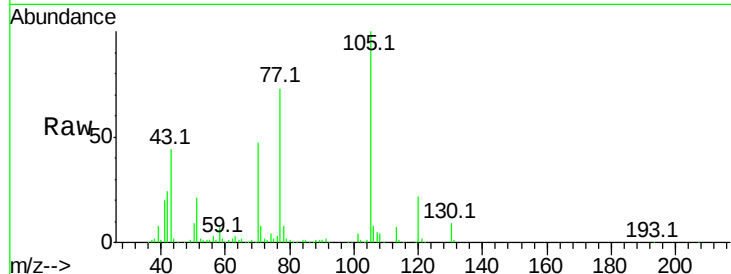
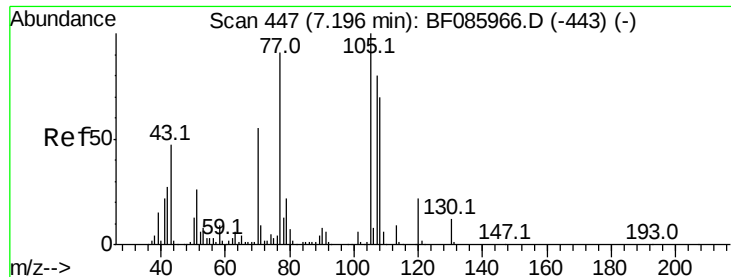
Sohil
4/11/2016 5:45:31 PM



#18
Hexachloroethane
Concen: 28.28 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.7	115.1	
201	66.9	83.3	124.9	





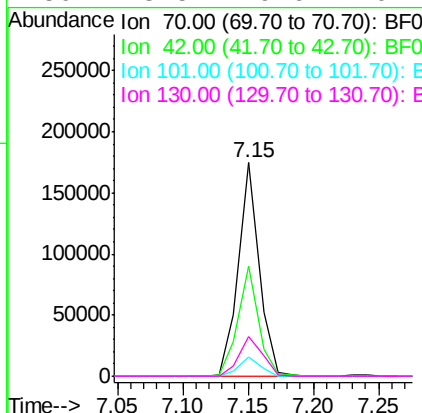
#19
n-Nitroso-di-n-propylamine
Concen: 35.18 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		194823		
42	51.4	37.1	55.7		
101	9.3	8.6	12.8		
130	18.5	19.6	29.4		

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

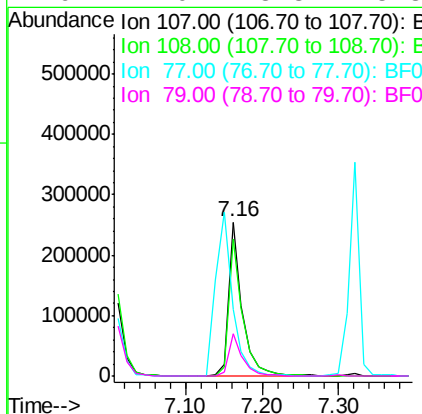
Manual Integrations
APPROVED

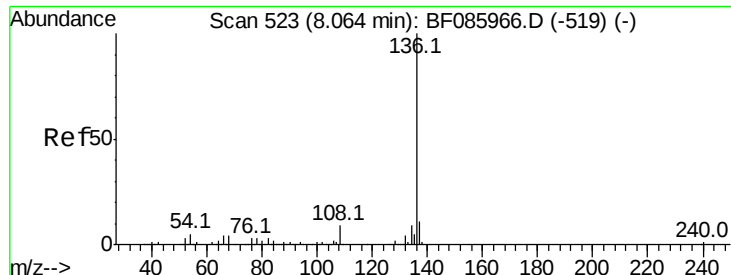
Sohil
4/11/2016 5:45:31 PM



#20
3+4-Methylphenols
Concen: 39.63 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		318753		
108	89.0	69.3	109.3		
77	43.0	101.7	141.7		
79	27.0	8.3	48.3		





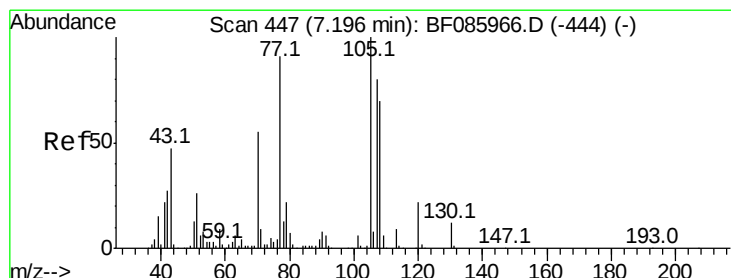
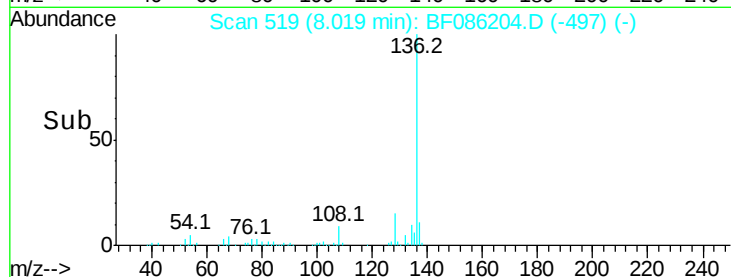
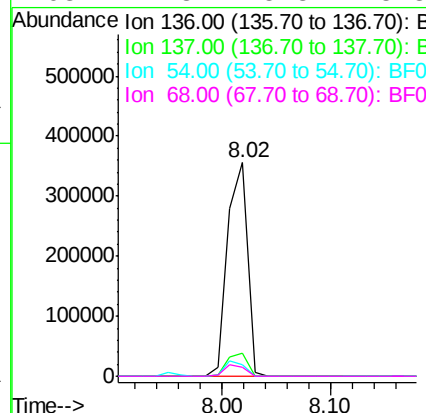
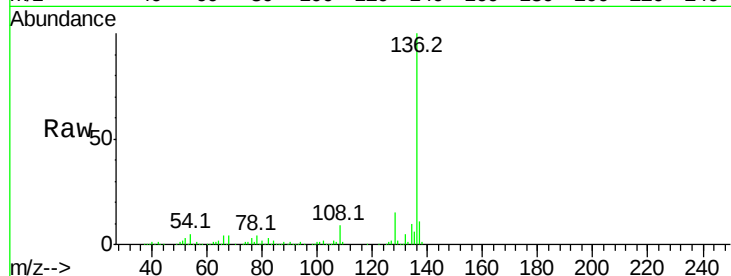
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.1	7.4	11.0	
68	4.3	5.8	8.8	

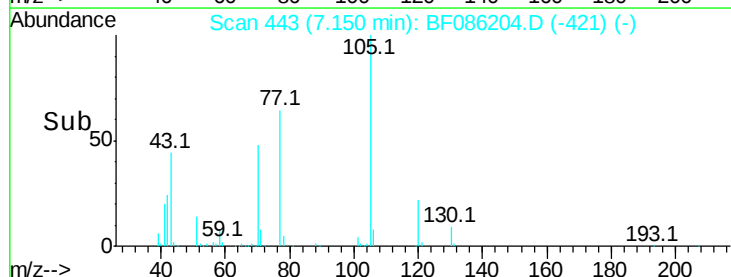
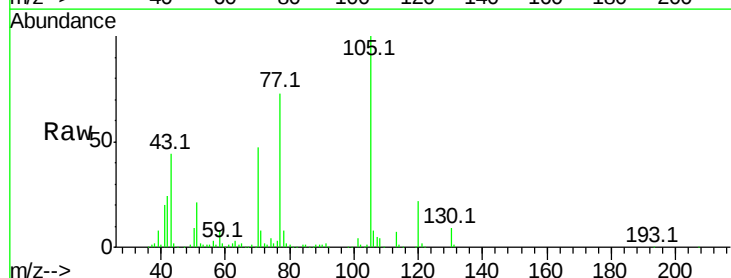
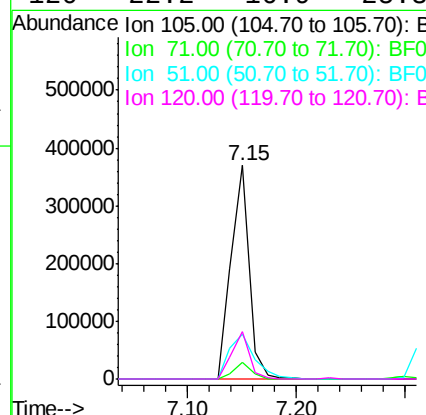
Manual Integrations
APPROVED

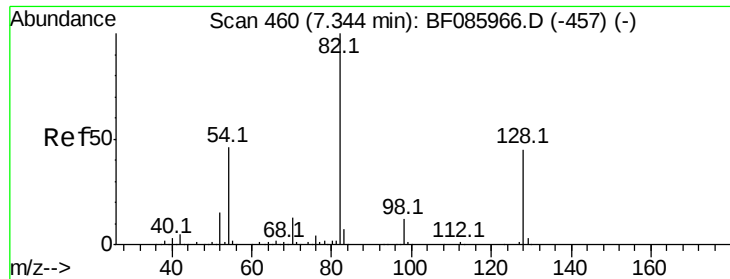
Sohil
4/11/2016 5:45:31 PM



#22
Acetophenone
Concen: 40.03 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	3.6	5.4	
51	21.1	25.4	38.0	
120	22.2	16.9	25.3	





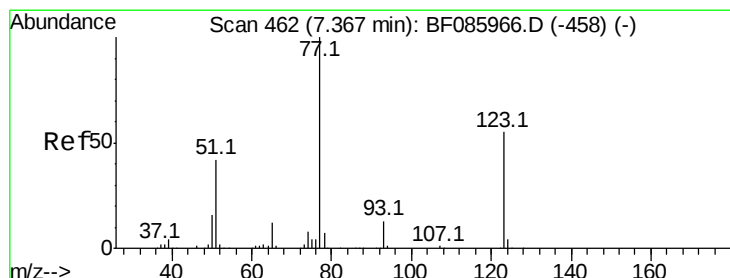
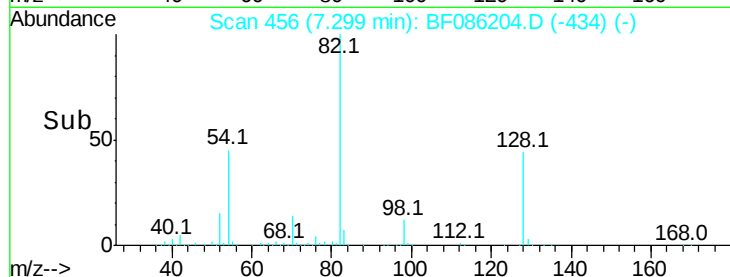
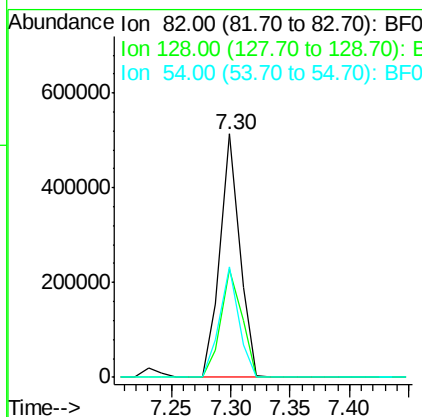
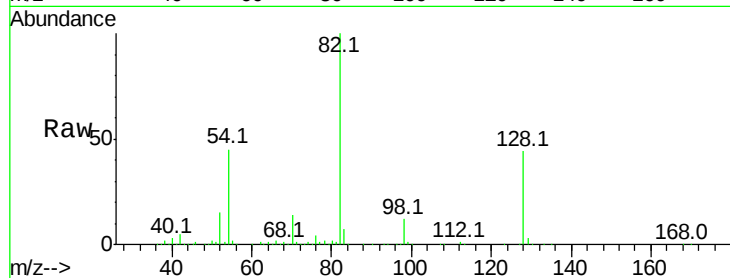
#23
Nitrobenzene-d5
Concen: 77.56 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	41.8	62.8
54	45.5	33.4	50.0

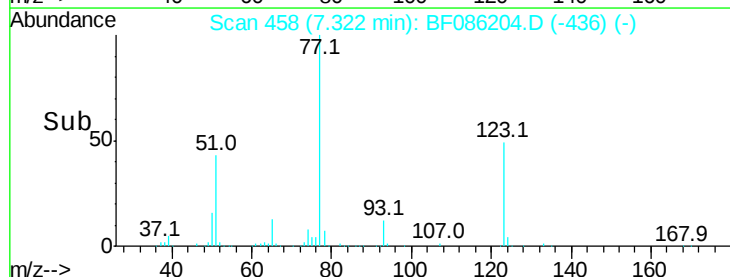
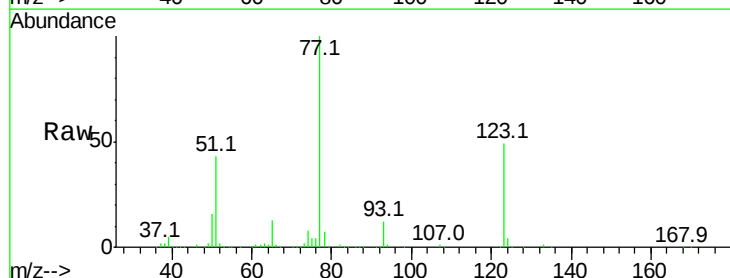
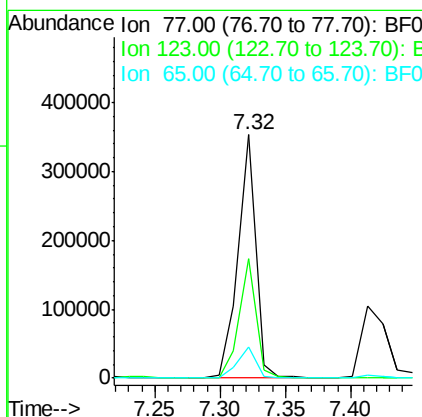
Manual Integrations
APPROVED

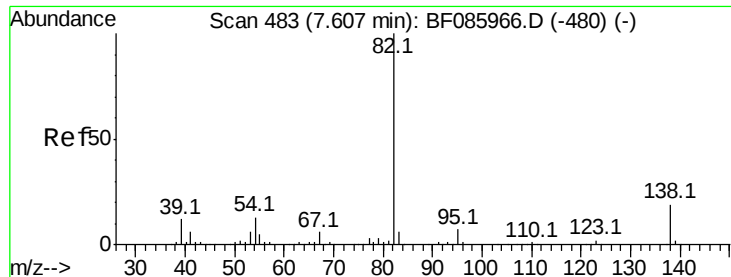
Sohil
4/11/2016 5:45:31 PM



#24
Nitrobenzene
Concen: 39.71 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.0	52.4
65	12.8	10.6	16.0





#25

Isophorone

Concen: 38.90 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

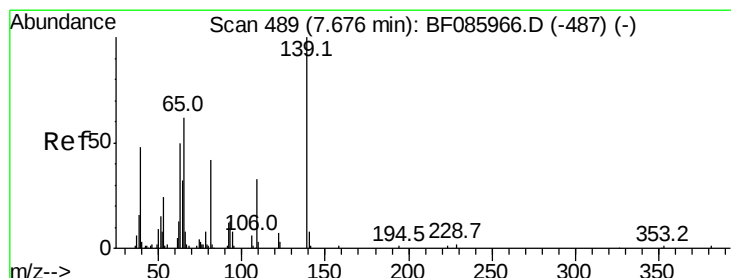
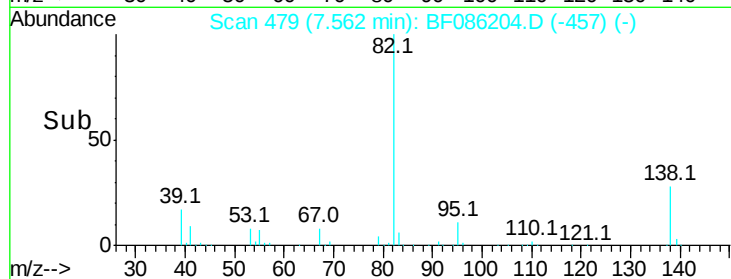
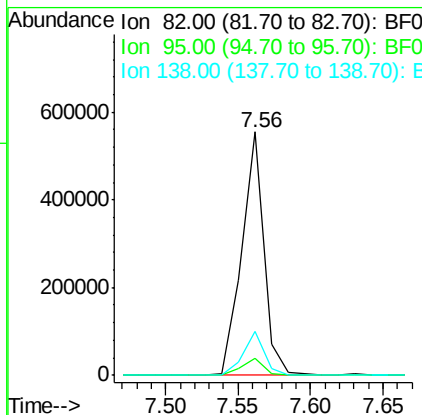
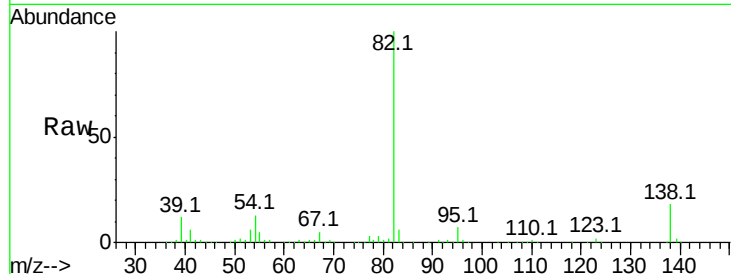
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	82	Resp:	588881
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.3	12.9	19.3

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#26

2-Nitrophenol

Concen: 35.32 ng

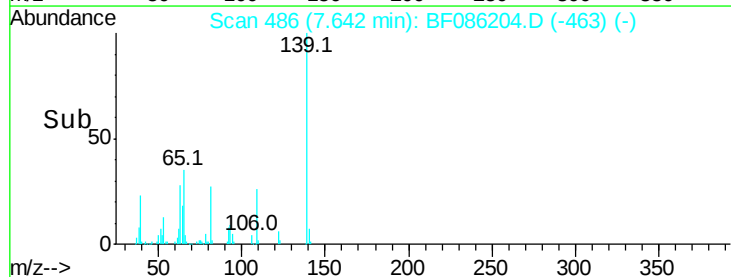
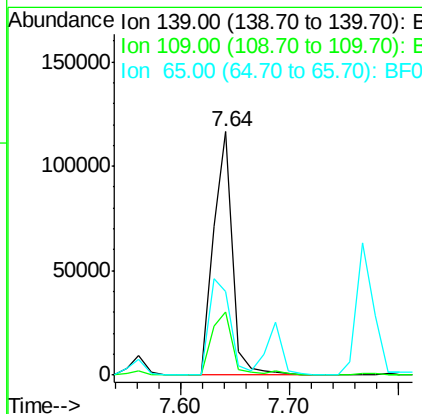
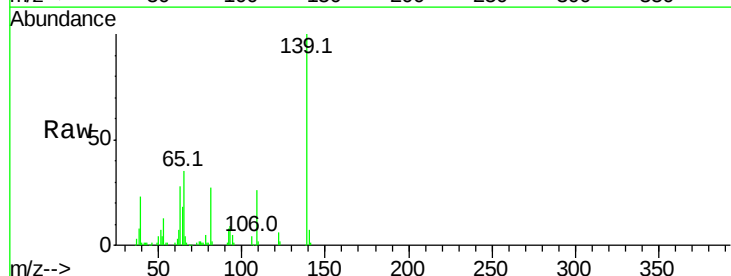
RT: 7.64 min Scan# 486

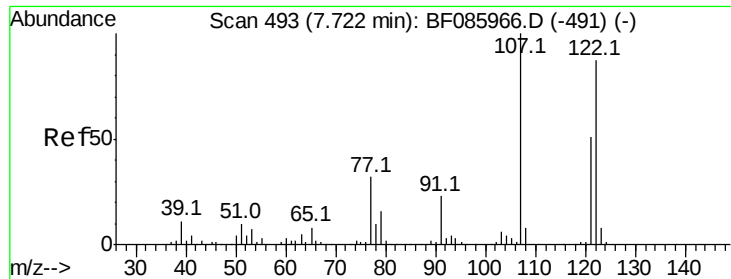
Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	139	Resp:	141769
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.1	33.1
65	34.5	33.9	50.9





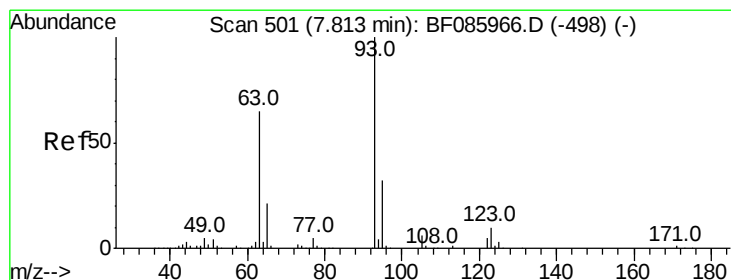
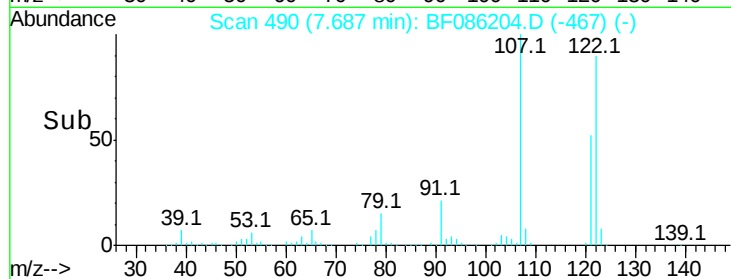
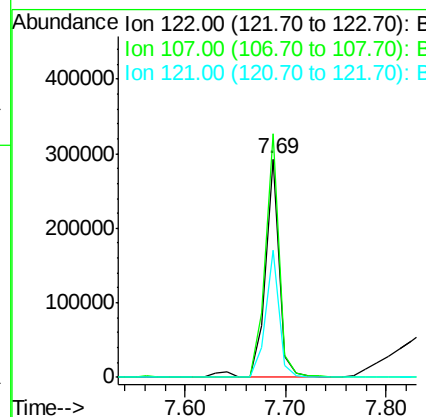
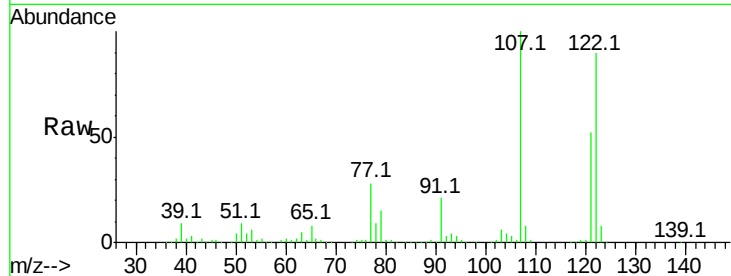
#27
 2,4-Dimethylphenol
 Concen: 39.36 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	283732		
107	111.3	93.0	139.6	
121	58.2	45.9	68.9	

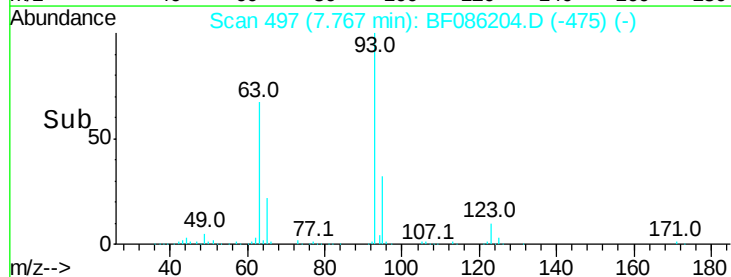
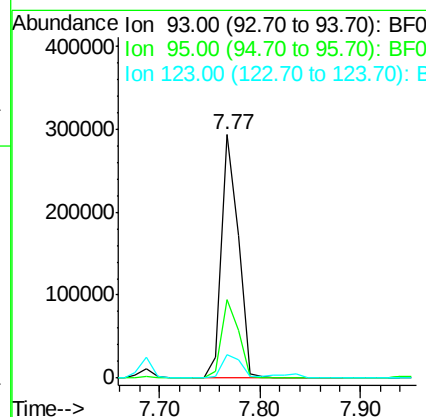
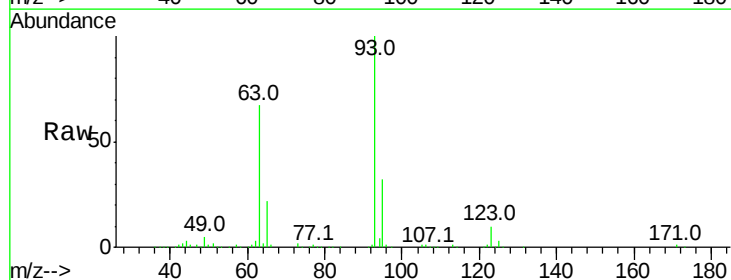
Manual Integrations
 APPROVED

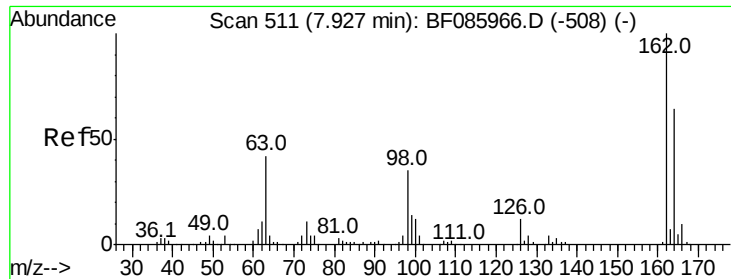
Sohil
 4/11/2016 5:45:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.65 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343321		
95	32.3	26.4	39.6	
123	9.8	9.8	14.6	





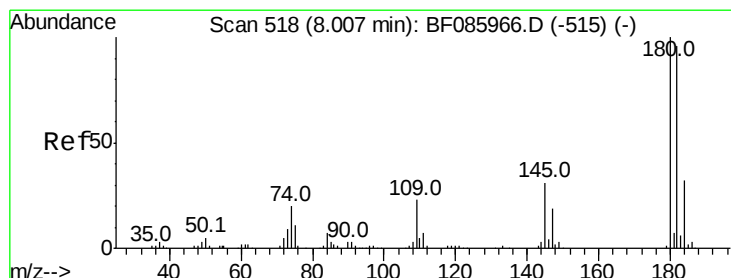
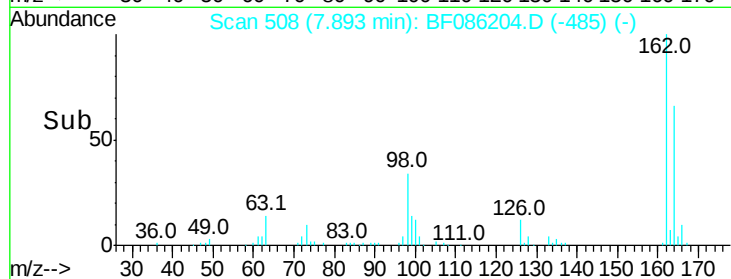
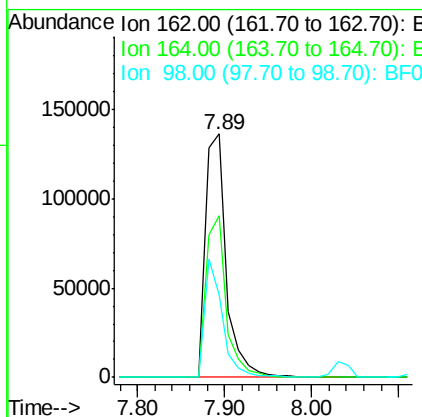
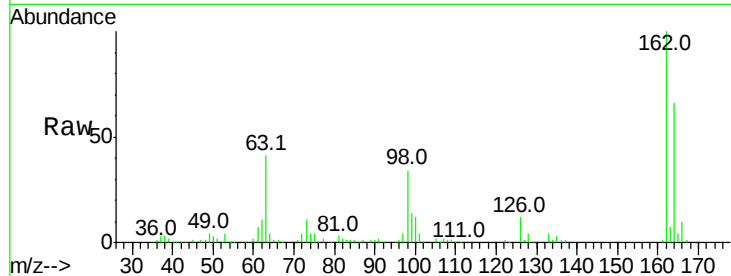
#29
 2,4-Dichlorophenol
 Concen: 37.31 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion:	162	Resp:	227386
Ion Ratio	Lower	Upper	
162	100		
164	66.5	43.7	83.7
98	33.9	20.4	60.4

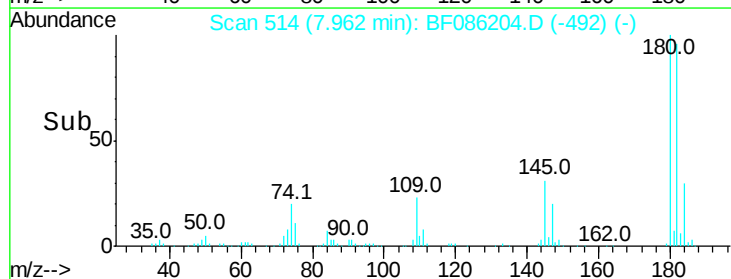
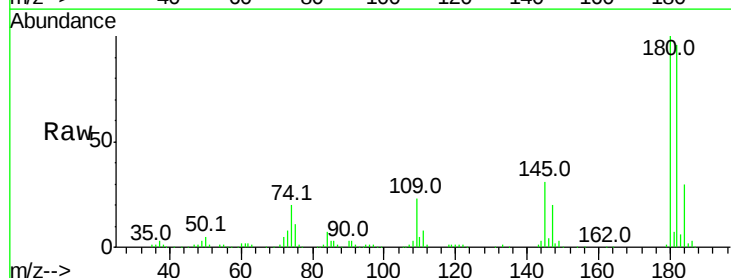
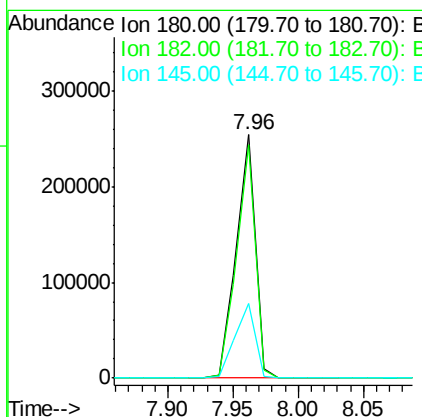
Manual Integrations
 APPROVED

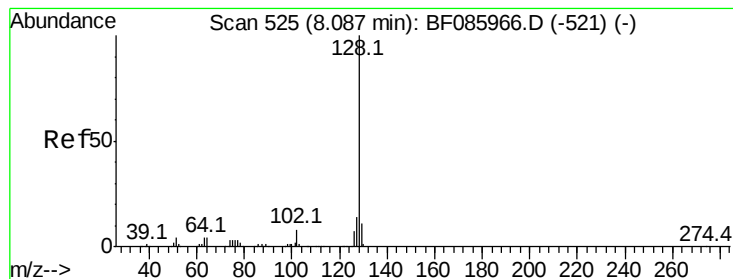
Sohil
 4/11/2016 5:45:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.57 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion:	180	Resp:	257053
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.8	110.8
145	30.7	28.4	42.6





#31

Naphthalene

Concen: 36.88 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

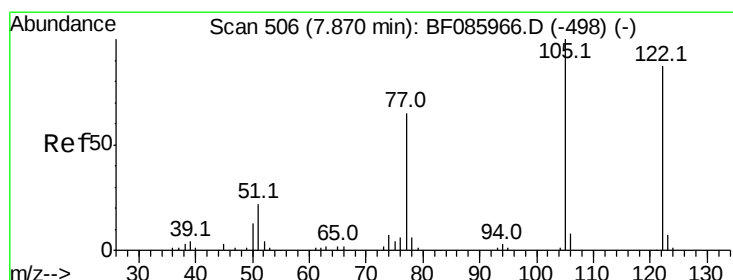
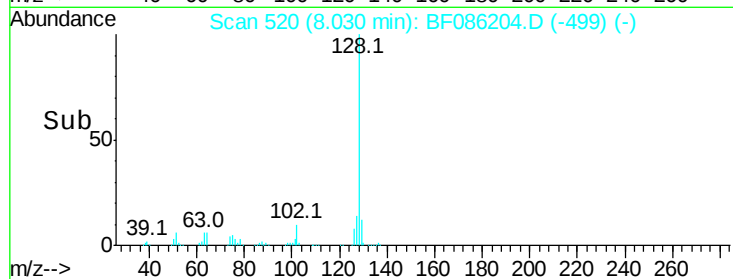
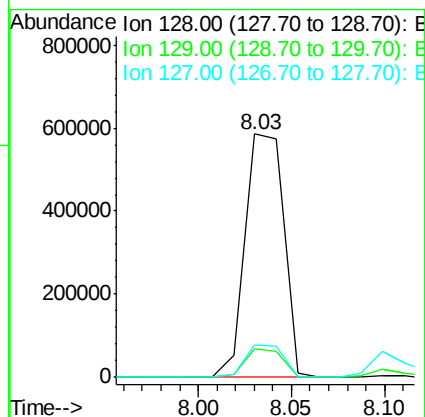
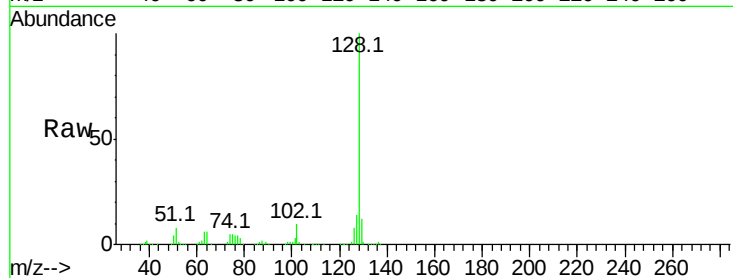
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	128	Resp:	839047
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	13.6	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#32

Benzoic acid

Concen: 28.68 ng

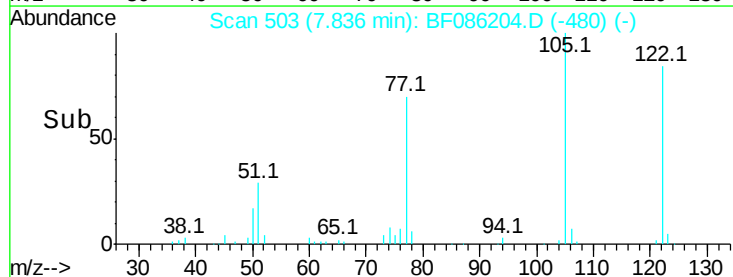
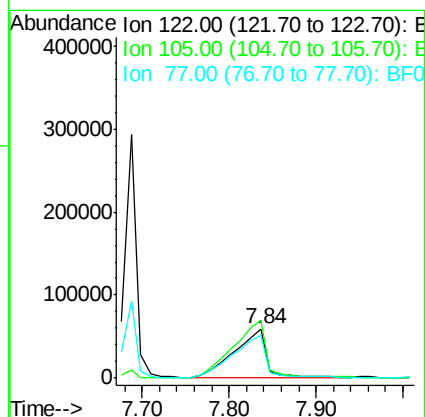
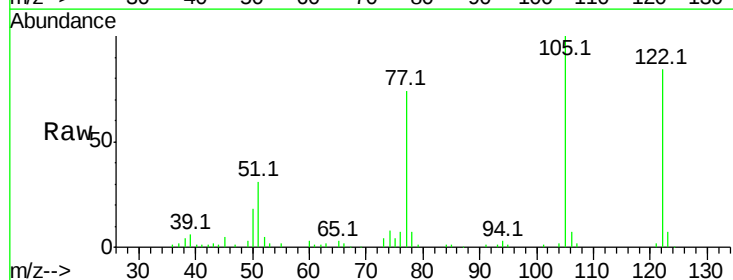
RT: 7.84 min Scan# 503

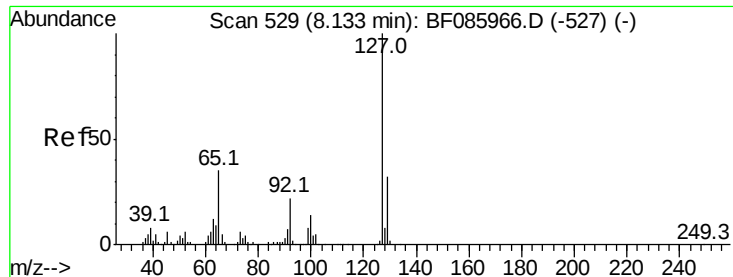
Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	122	Resp:	151695
Ion Ratio	Lower	Upper	
122	100		
105	118.8	102.9	142.9
77	87.4	71.8	111.8





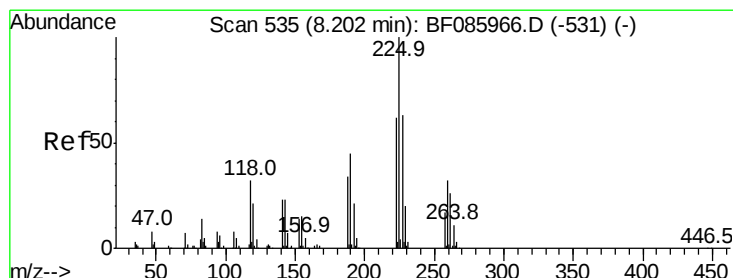
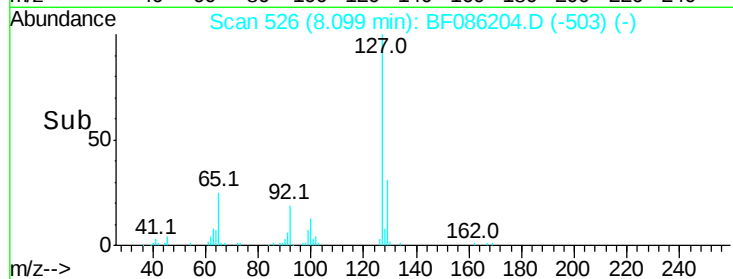
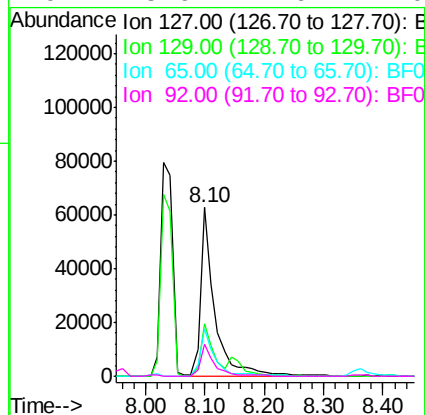
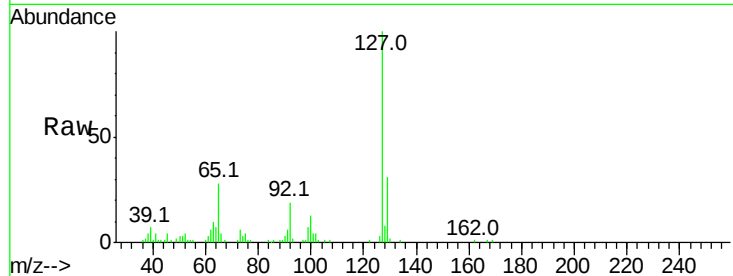
#33
4-Chloroaniline
Concen: 11.54 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.1	39.1	
65	27.7	19.5	29.3	
92	18.6	14.6	22.0	

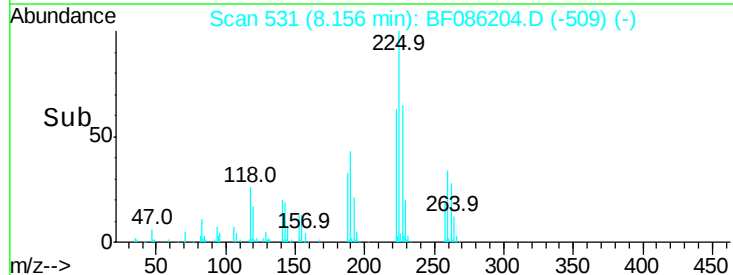
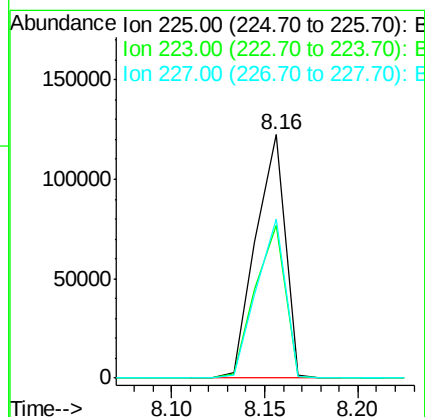
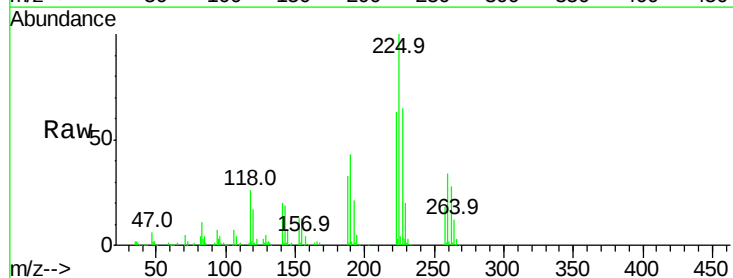
Manual Integrations
APPROVED

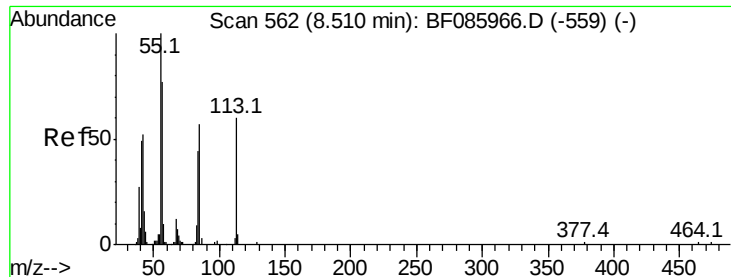
Sohil
4/11/2016 5:45:31 PM



#34
Hexachlorobutadiene
Concen: 36.45 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.4	75.6	
227	65.2	51.4	77.2	





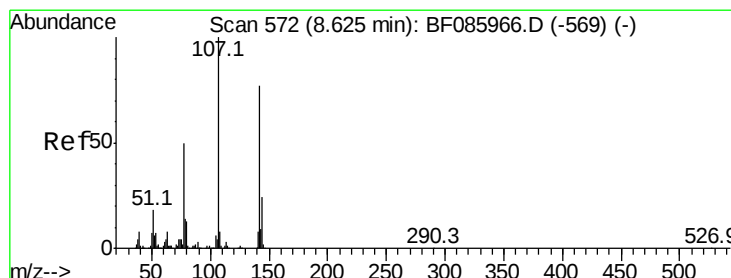
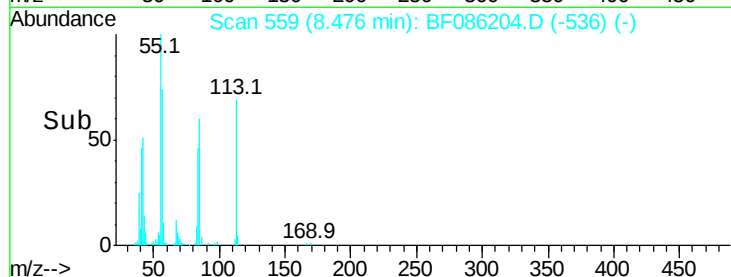
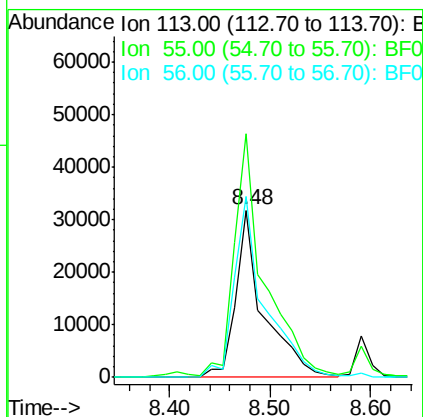
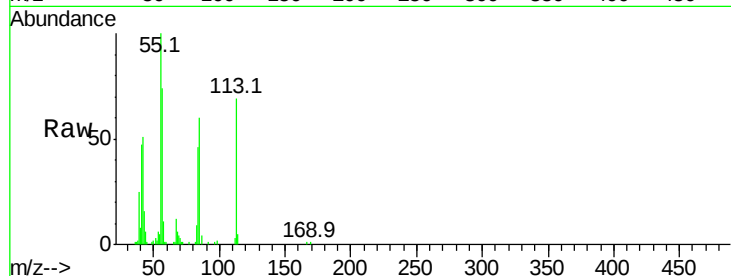
#35
 Caprolactam
 Concen: 31.59 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	61079		
55	145.5		139.4	179.4
56	108.3		100.4	140.4

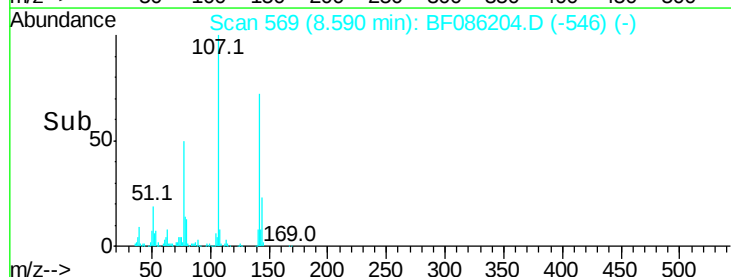
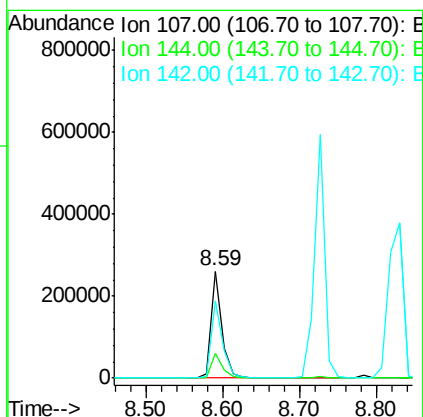
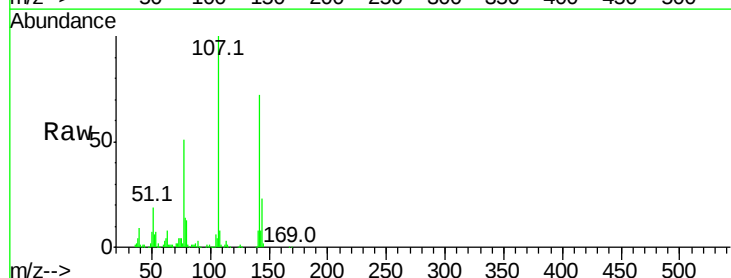
Manual Integrations
 APPROVED

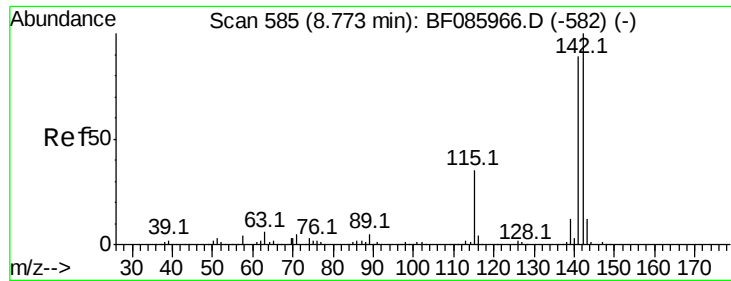
Sohil
 4/11/2016 5:45:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.45 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	249767		
144	23.4		19.3	28.9
142	71.8		61.4	92.0





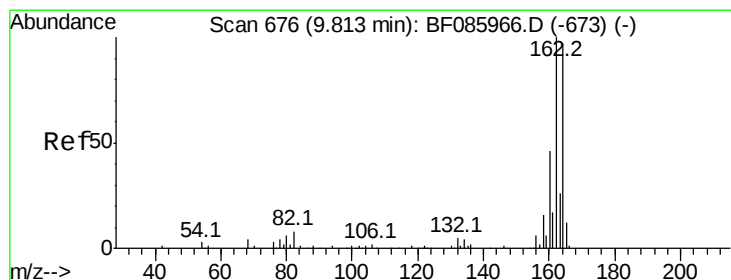
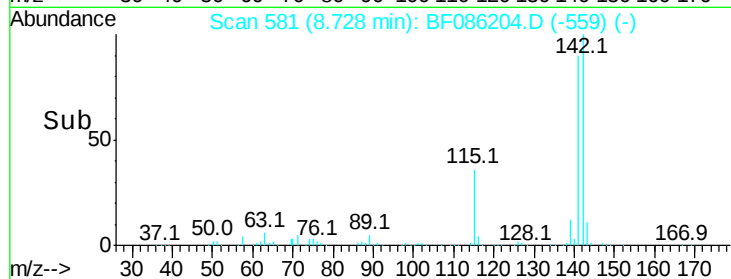
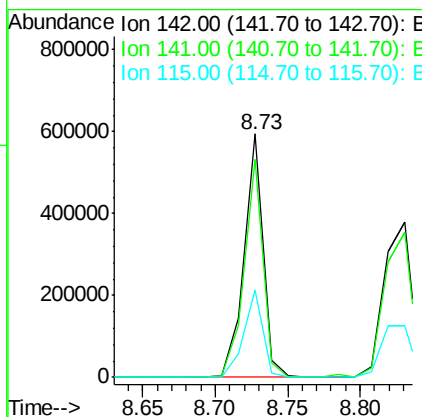
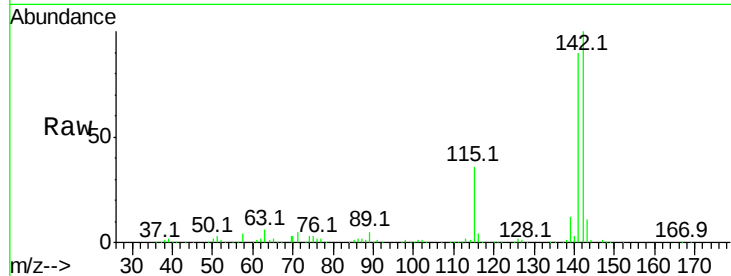
#37
2-Methylnaphthalene
Concen: 36.48 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	35.7	26.8	40.2

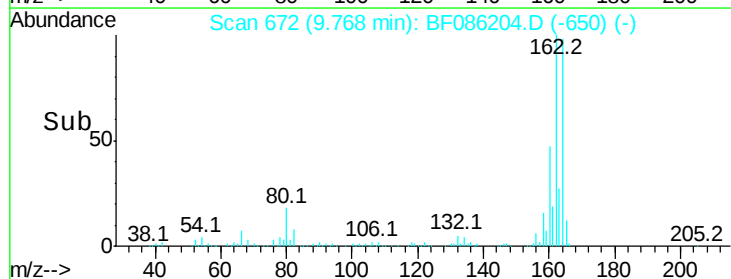
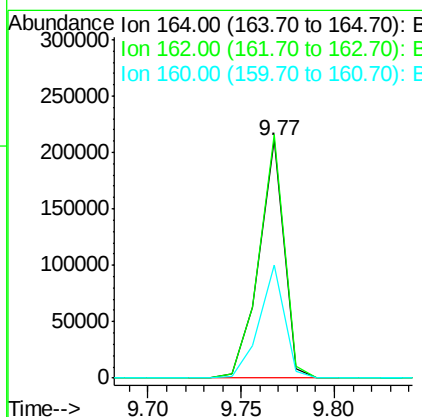
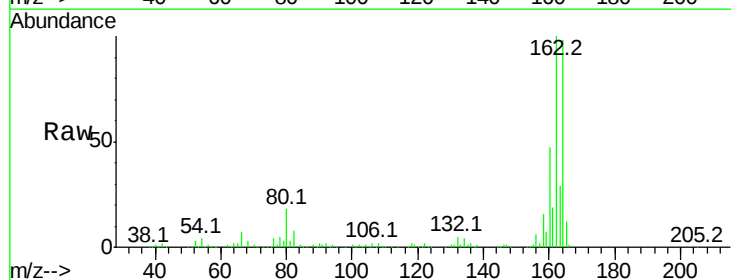
Manual Integrations
APPROVED

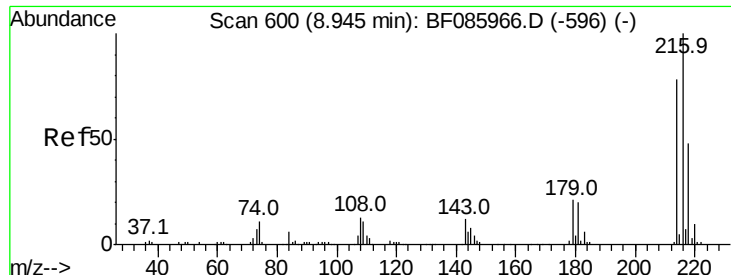
Sohil
4/11/2016 5:45:31 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	47.7	37.4	56.2





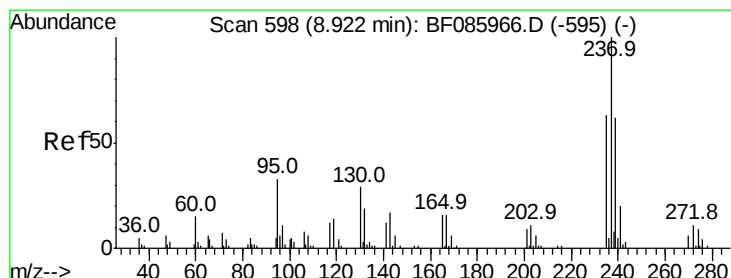
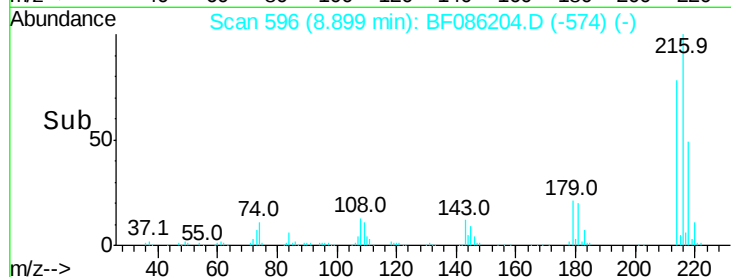
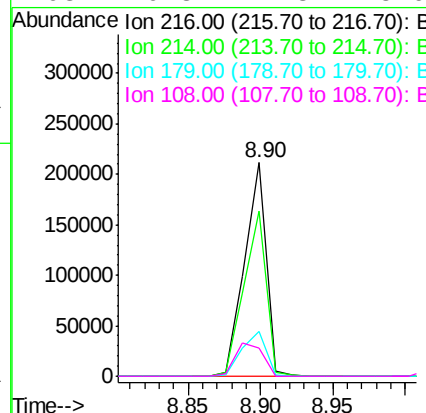
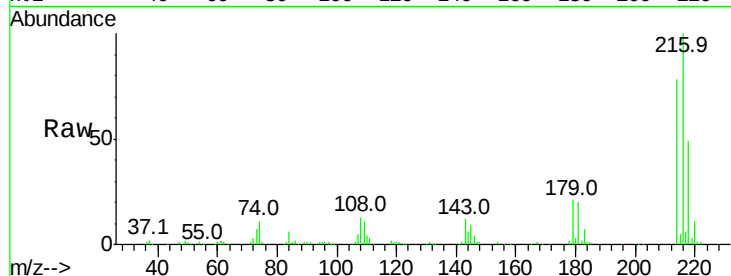
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.52 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	220355		
214	79.5	63.1	94.7	
179	23.2	18.2	27.2	
108	20.3	17.3	25.9	

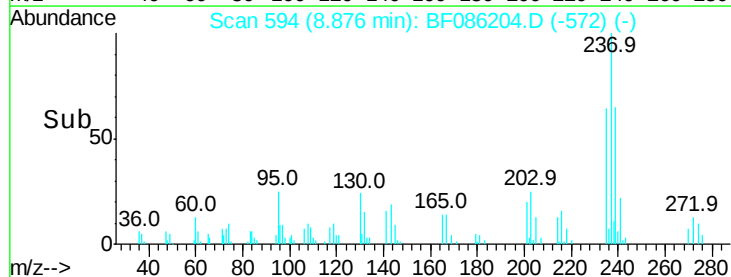
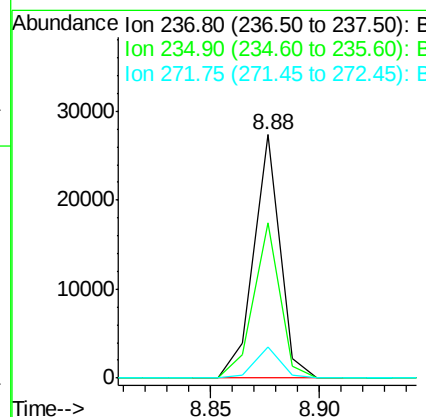
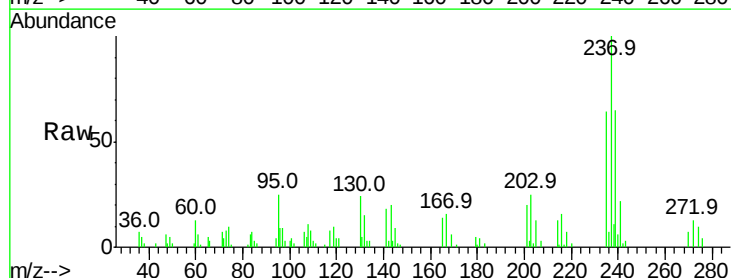
Manual Integrations
 APPROVED

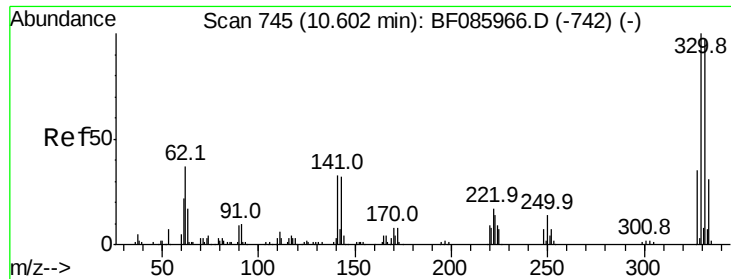
Sohil
 4/11/2016 5:45:31 PM



#40
 Hexachlorocyclopentadiene
 Concen: 19.05 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23064		
235	63.7	43.7	83.7	
272	12.9	0.0	31.9	





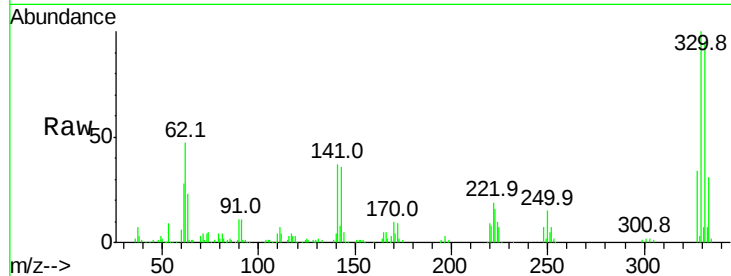
#41
 2,4,6-Tribromophenol
 Concen: 99.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

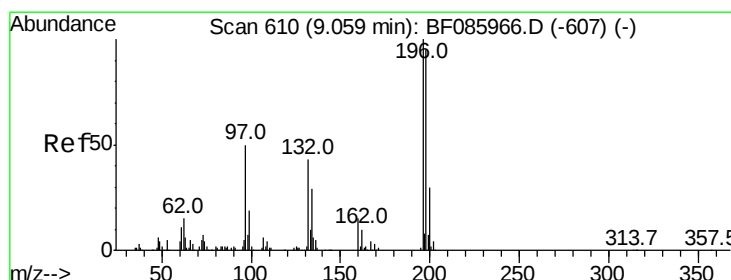
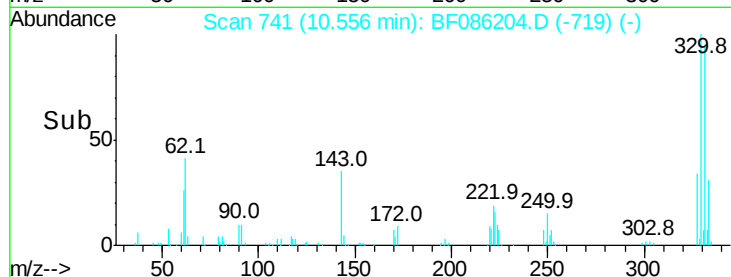
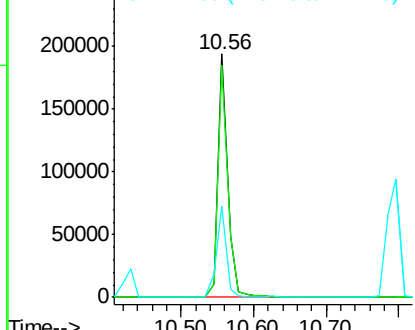
Tot Ion	Ratio	Resp	Lower	Upper
330	100	182306		
332	95.8	78.2	117.2	
141	38.3	31.5	47.3	

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

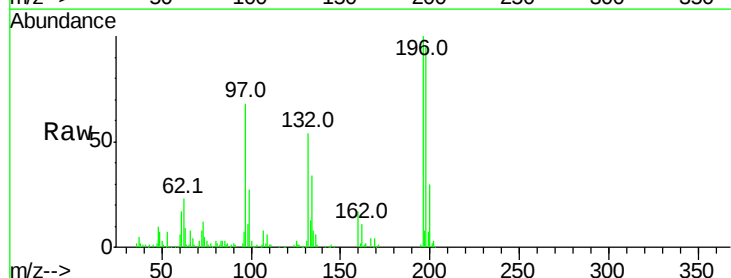


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

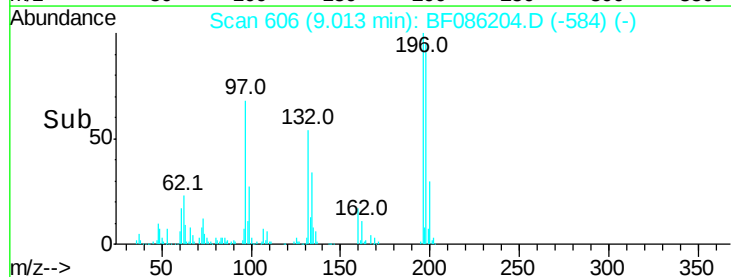
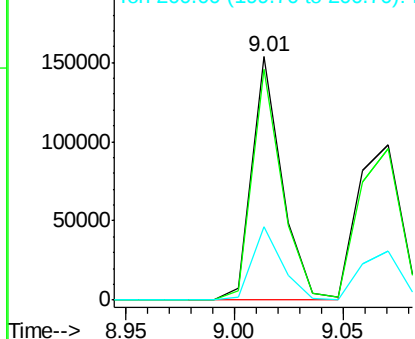


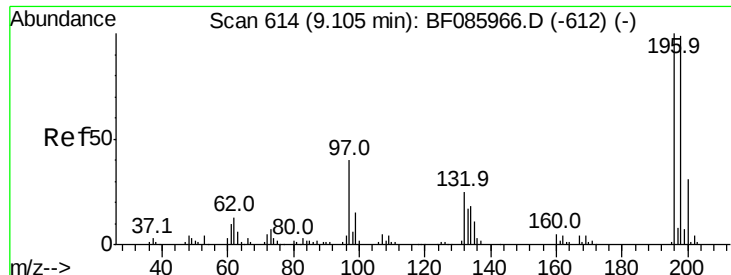
#42
 2,4,6-Trichlorophenol
 Concen: 39.32 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148311		
198	94.9	75.3	112.9	
200	29.9	23.7	35.5	



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





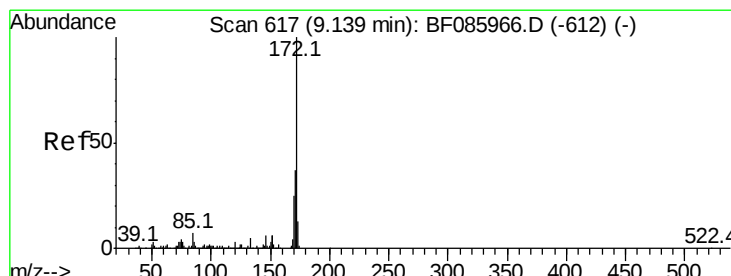
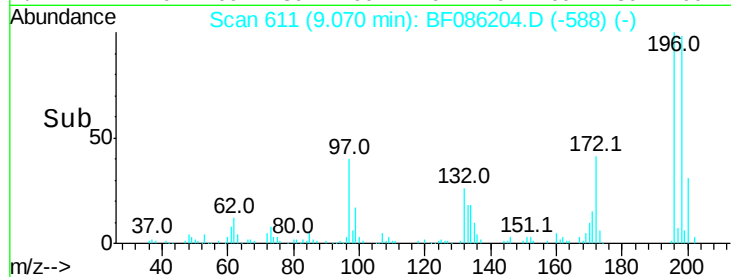
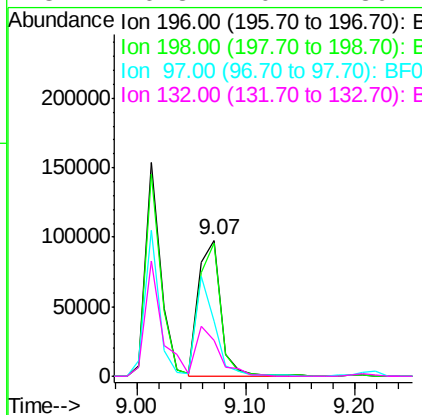
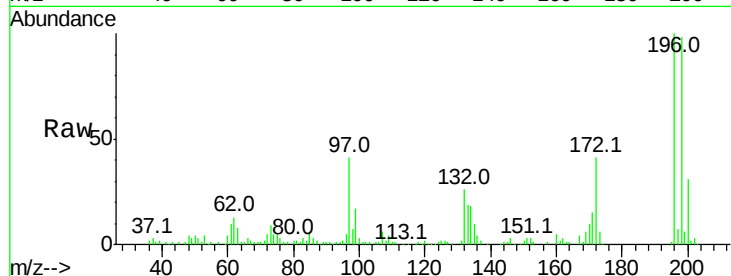
#43
 2,4,5-Trichlorophenol
 Concen: 36.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion:	196	Resp:	140485
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.6	114.8
97	40.6	30.5	45.7
132	26.3	20.2	30.2

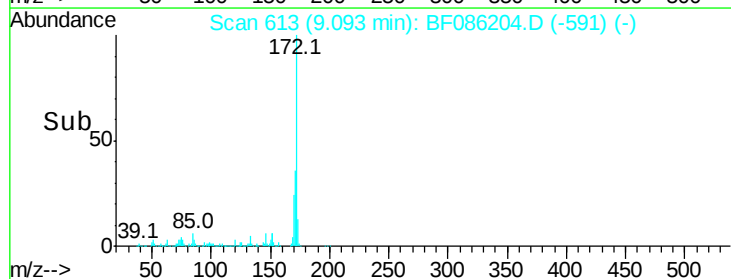
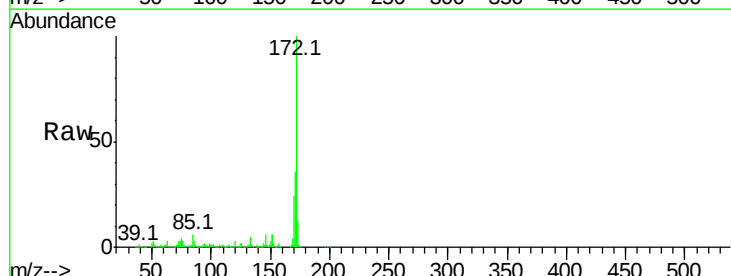
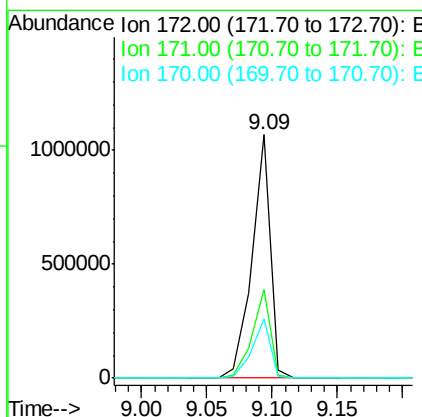
Manual Integrations
 APPROVED

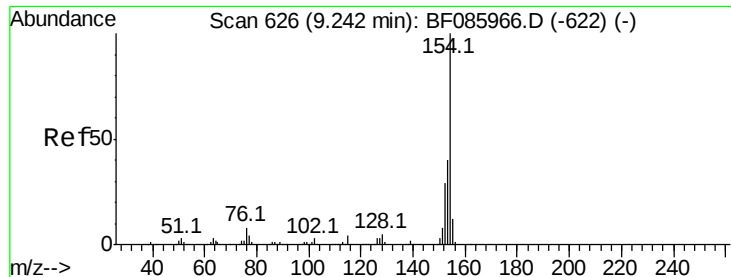
Sohil
 4/11/2016 5:45:31 PM



#44
 2-Fluorobiphenyl
 Concen: 88.72 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion:	172	Resp:	1042740
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.2
170	24.4	19.8	29.6





#45

1,1'-Biphenyl

Concen: 36.95 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

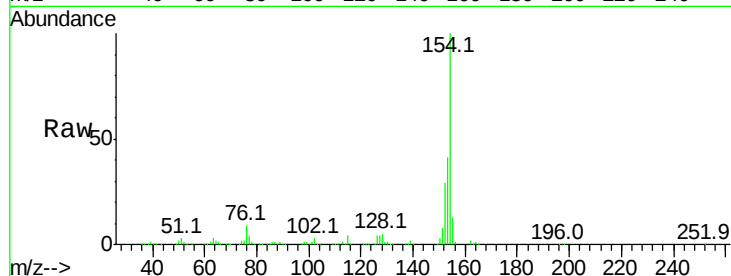
ClientSampleId :

SUMPPUMP-5MS

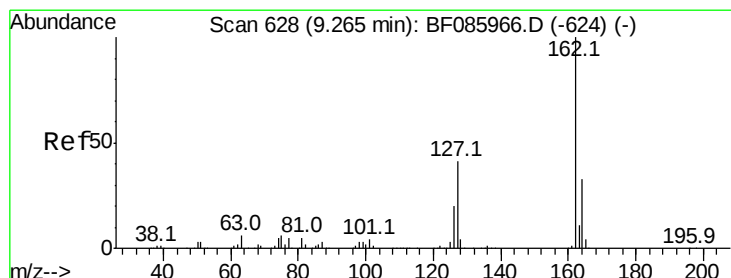
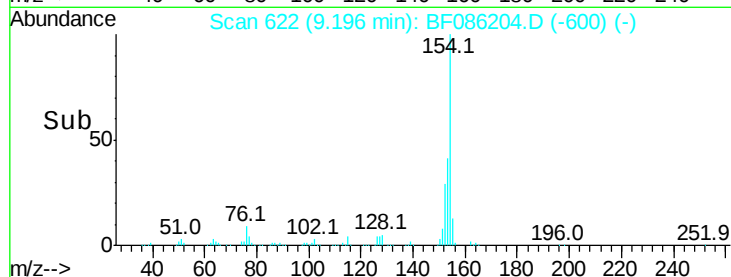
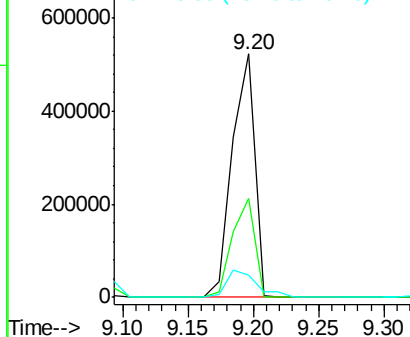
Tot Ion:	154	Resp:	622585
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	8.9	0.0	36.7

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 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

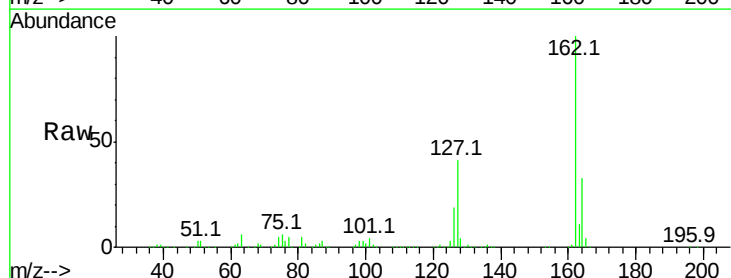
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

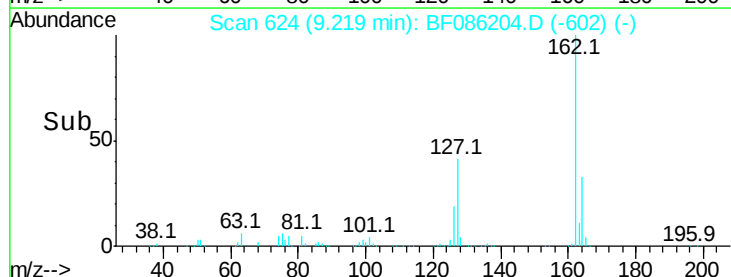
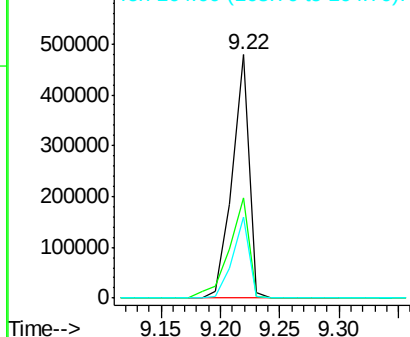
Lab File: BF086204.D

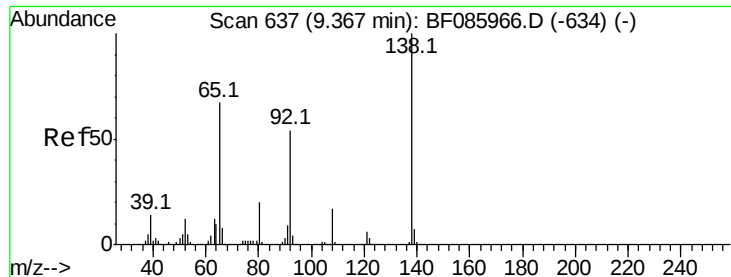
Acq: 9 Apr 2016 8:06

Tgt Ion:	162	Resp:	473094
Ion Ratio	Lower	Upper	
162	100		
127	41.3	31.7	47.5
164	33.1	27.3	40.9



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: 42.87 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

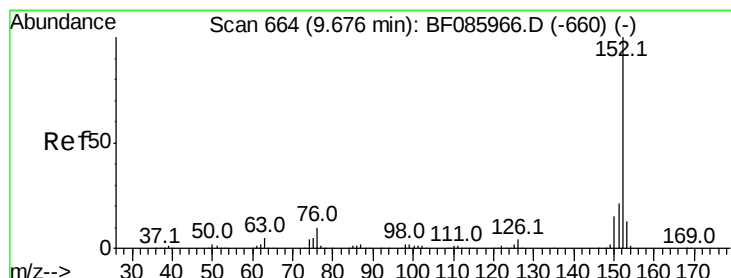
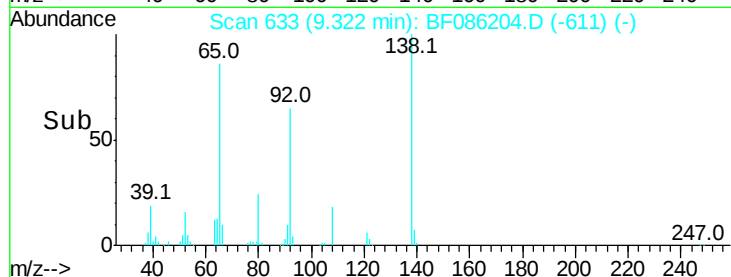
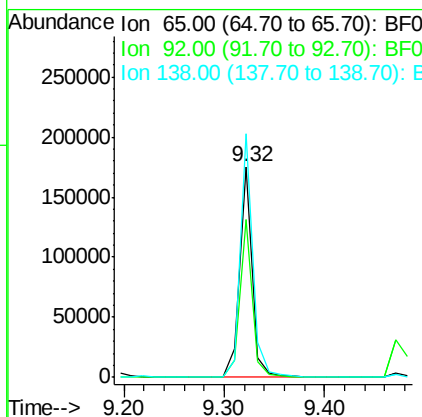
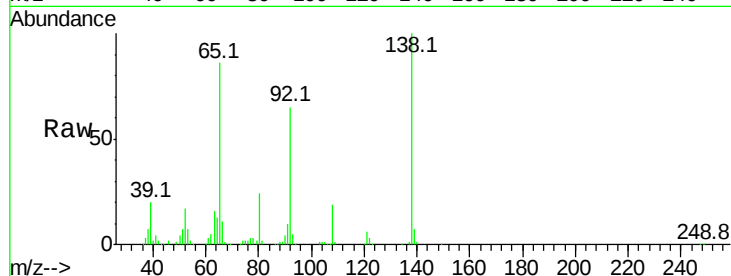
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	65	Resp:	153217
Ion Ratio	Lower	Upper	
65	100		
92	74.9	59.7	89.5
138	115.6	91.4	137.0

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#48

Acenaphthylene

Concen: 37.99 ng

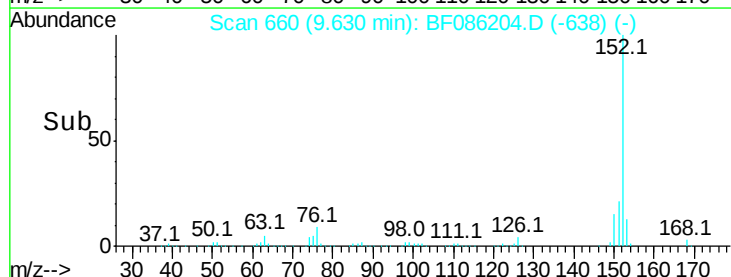
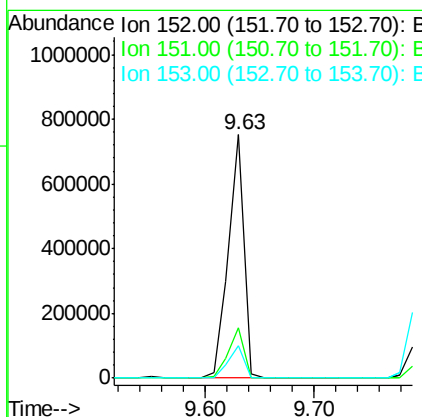
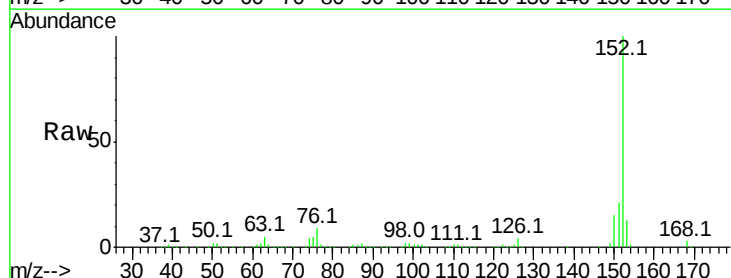
RT: 9.63 min Scan# 660

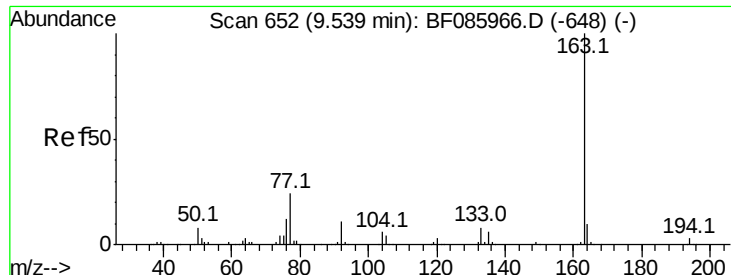
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	152	Resp:	743384
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.1	10.9	16.3





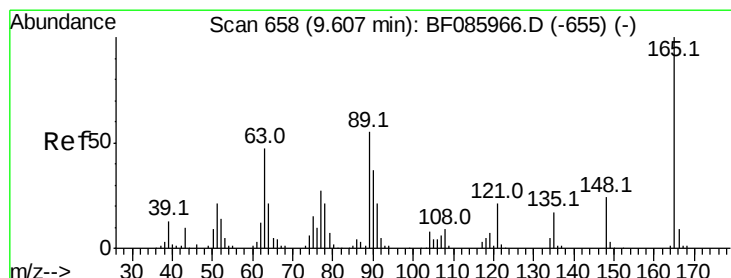
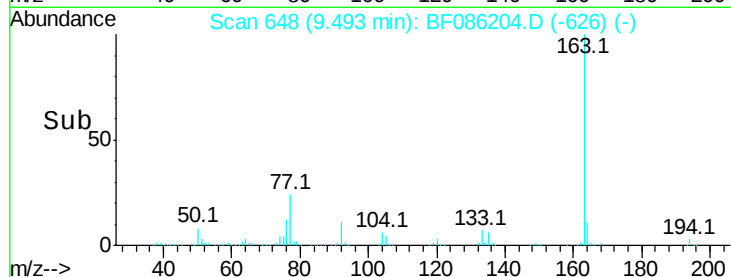
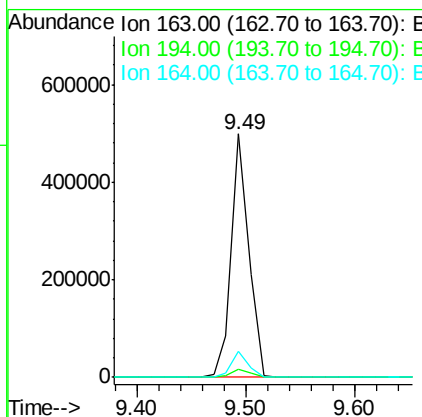
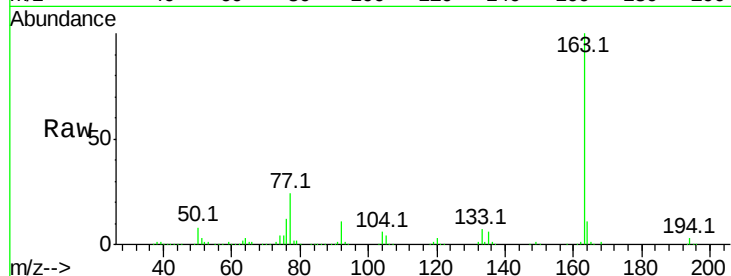
#49
Dimethylphthalate
Concen: 38.05 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.6	8.3	12.5

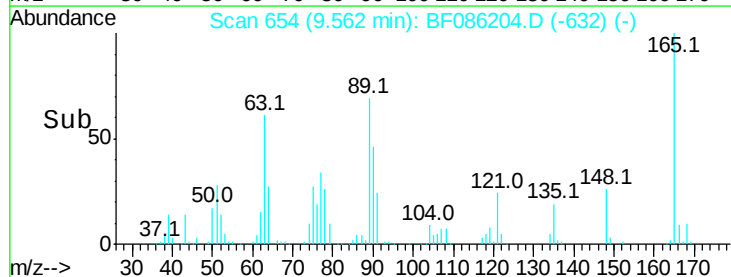
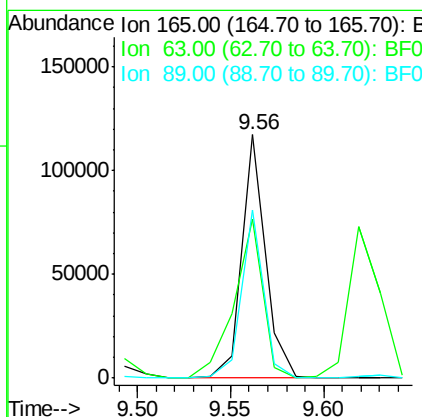
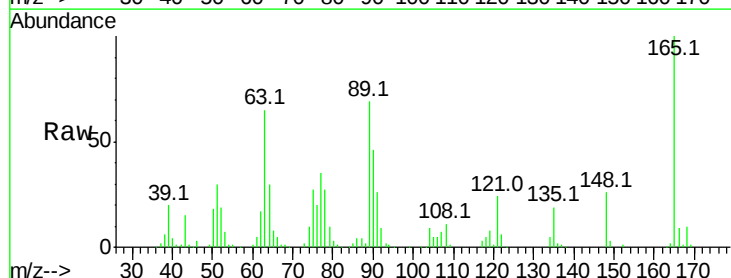
Manual Integrations
APPROVED

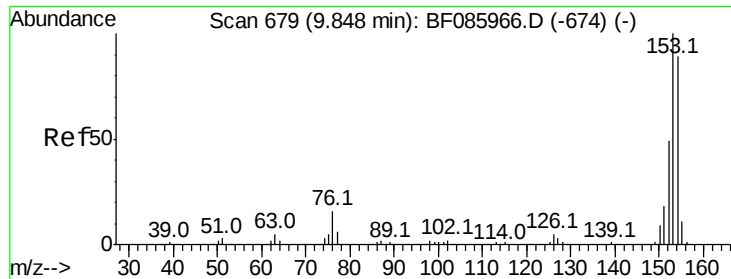
Sohil
4/11/2016 5:45:31 PM



#50
2,6-Dinitrotoluene
Concen: 33.89 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	65.2	51.8	77.8
89	69.0	53.7	80.5





#51

Acenaphthene

Concen: 37.62 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

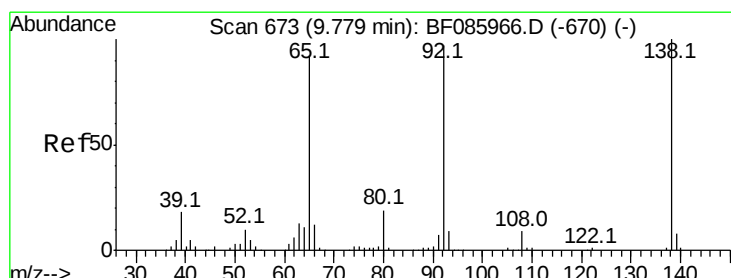
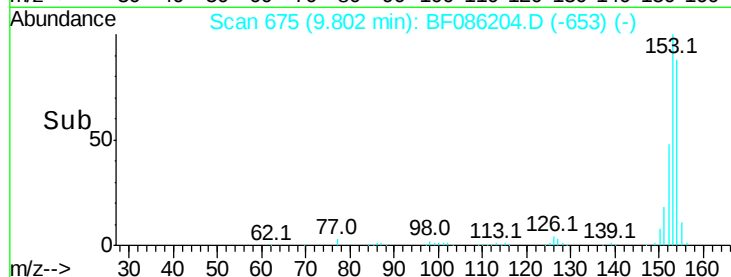
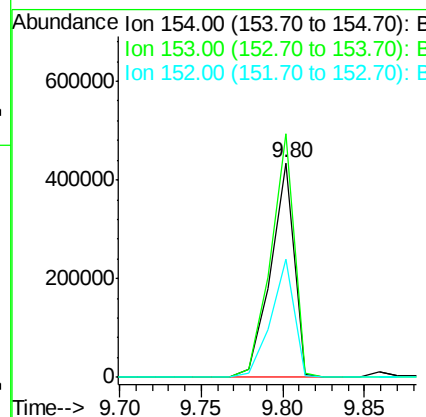
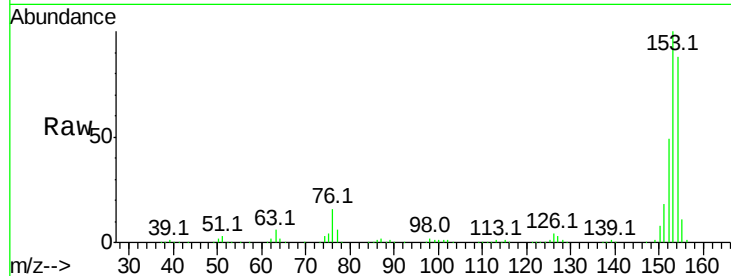
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	154	Resp:	437770
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.1	135.1
152	55.3	44.2	66.2

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#52

3-Nitroaniline

Concen: 20.70 ng

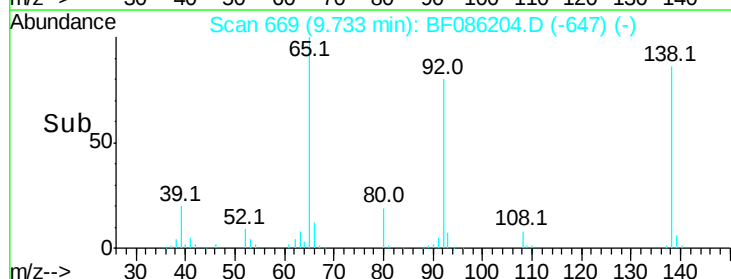
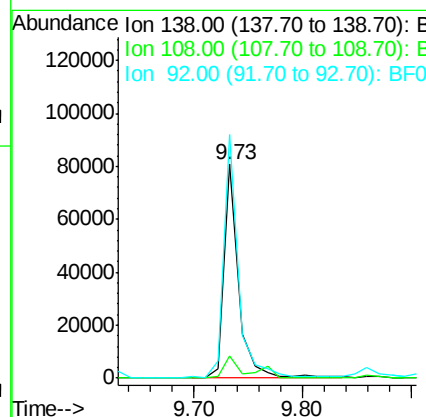
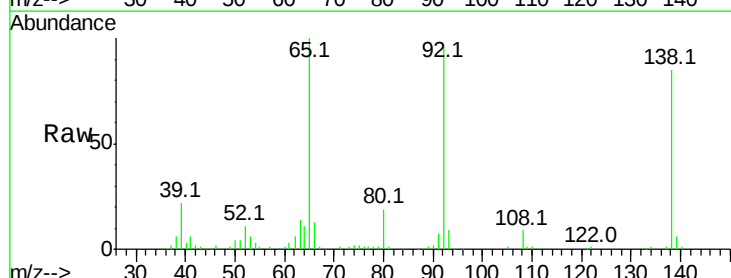
RT: 9.73 min Scan# 669

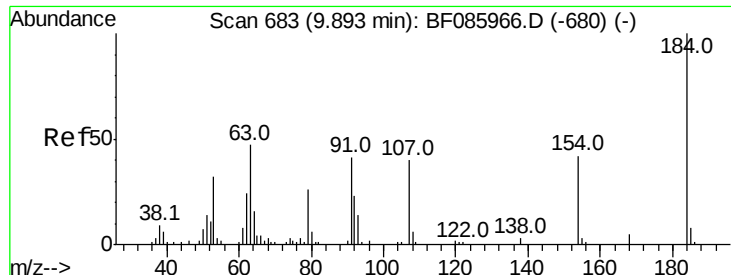
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	138	Resp:	76458
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	113.7	93.3	139.9





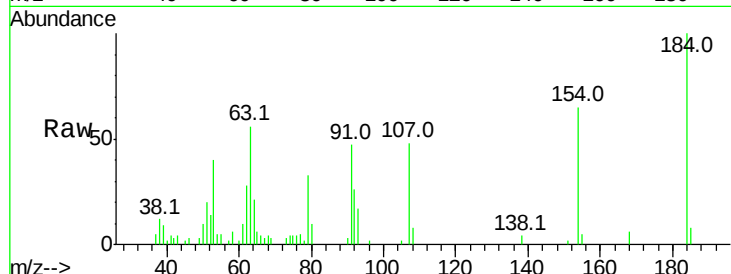
#53
 2,4-Dinitrophenol
 Concen: 19.72 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

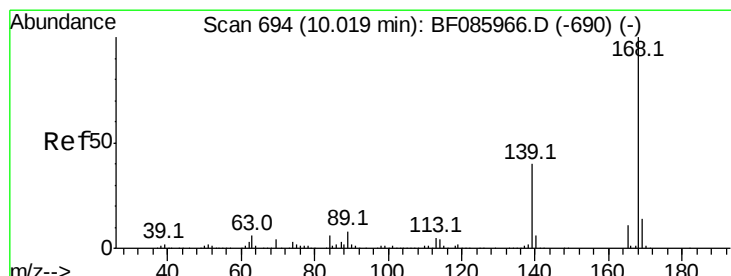
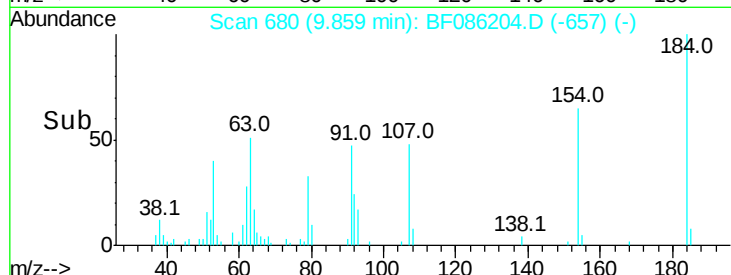
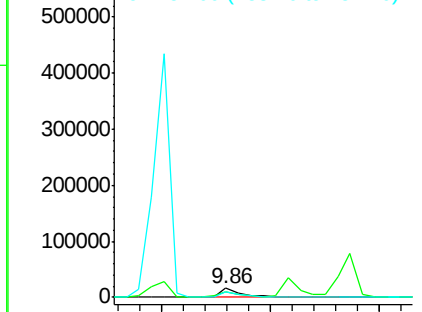
Tot Ion	Ratio	Resp	Lower	Upper
184	100	23204		
63	56.4	69.5	104.3	#
154	65.1	58.3	87.5	

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

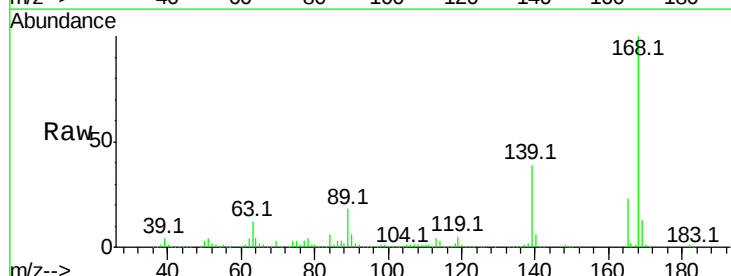


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

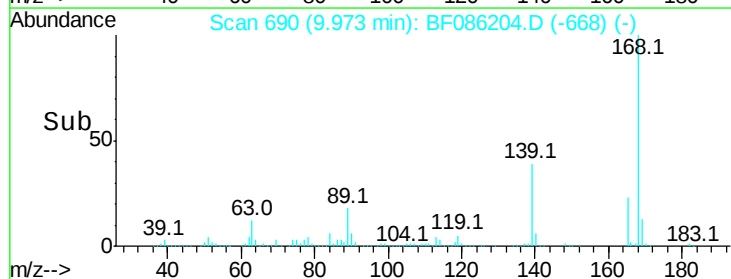
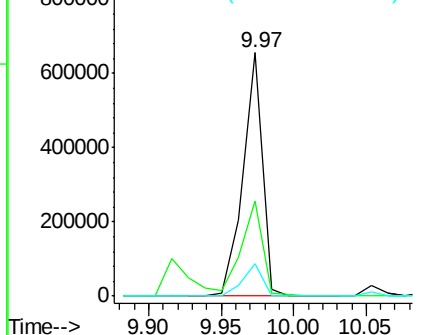


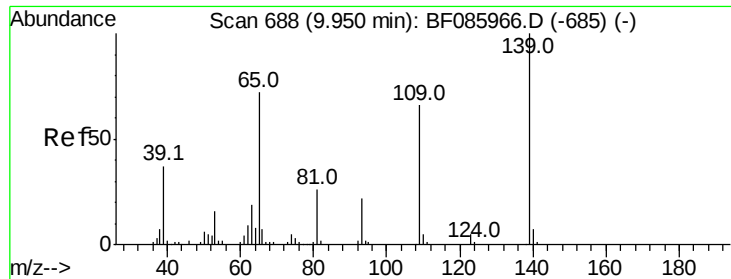
#54
 Dibenzofuran
 Concen: 39.67 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	609595		
139	39.2	31.9	47.9	
169	13.3	11.0	16.6	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





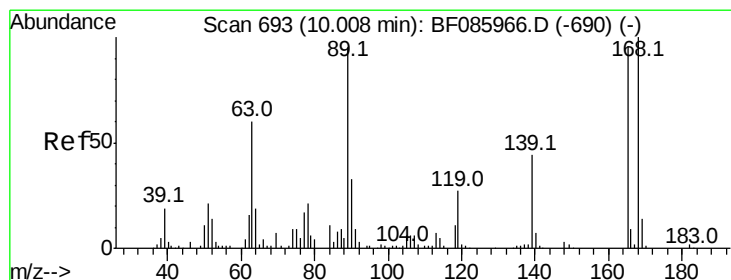
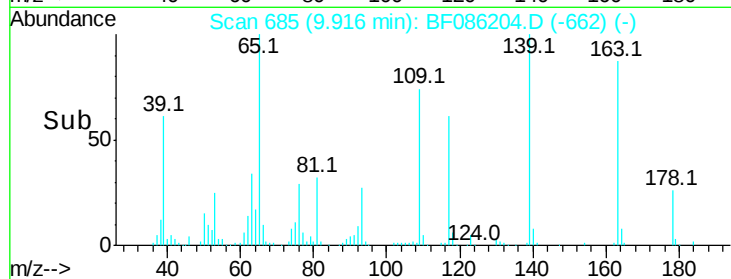
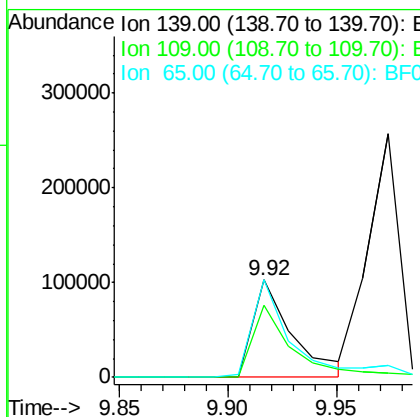
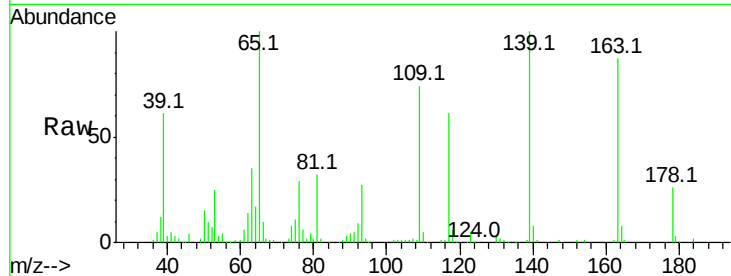
#55
4-Nitrophenol
Concen: 59.59 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	129747		
109	73.6	49.2	89.2	
65	100.1	66.9	106.9	

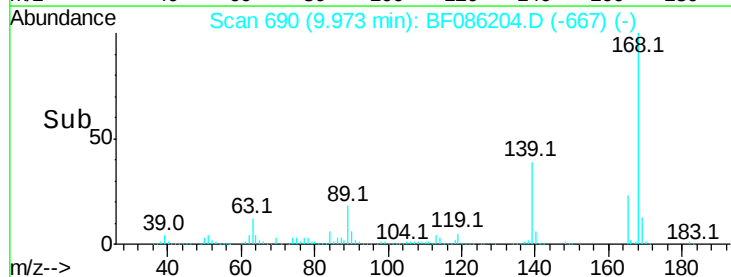
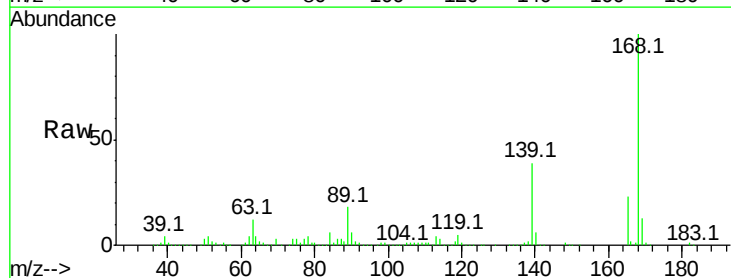
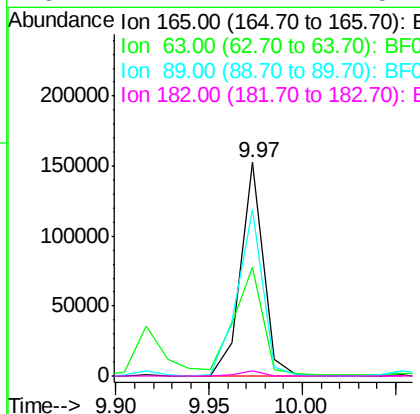
Manual Integrations
APPROVED

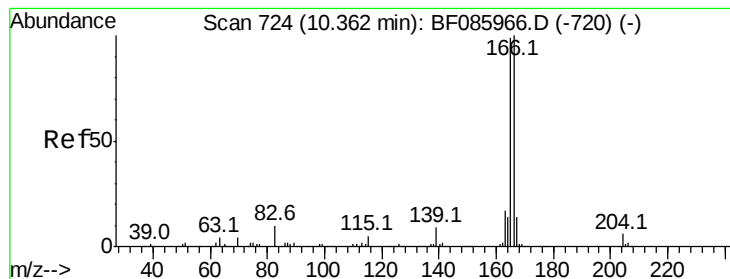
Sohil
4/11/2016 5:45:31 PM



#56
2,4-Dinitrotoluene
Concen: 33.55 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129908		
63	51.1	24.9	37.3#	
89	77.9	41.0	61.6#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 36.59 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

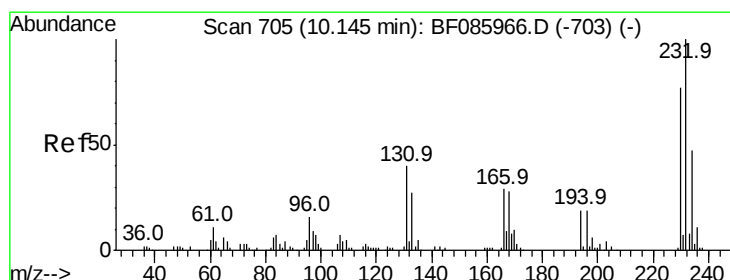
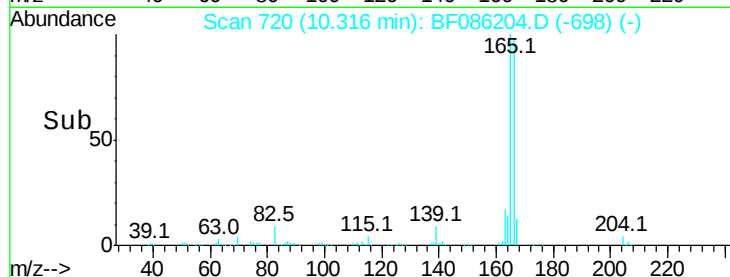
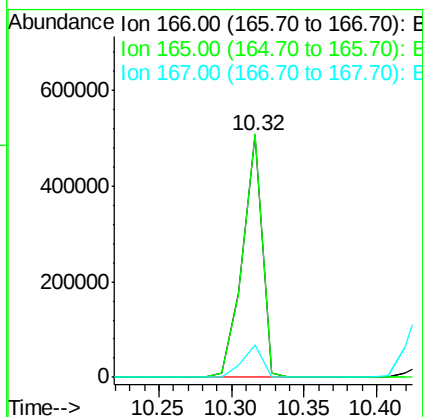
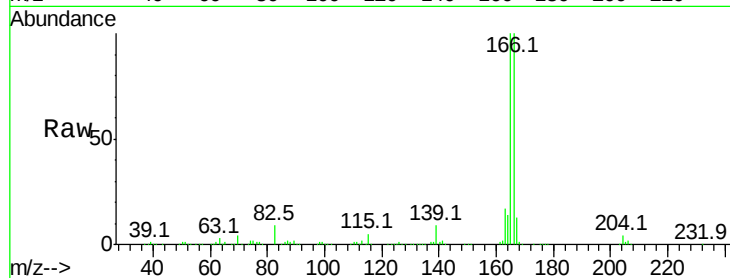
ClientSampleId :

SUMPPUMP-5MS

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.5	79.4	119.0		
167	13.3	11.0	16.4		



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.23 ng

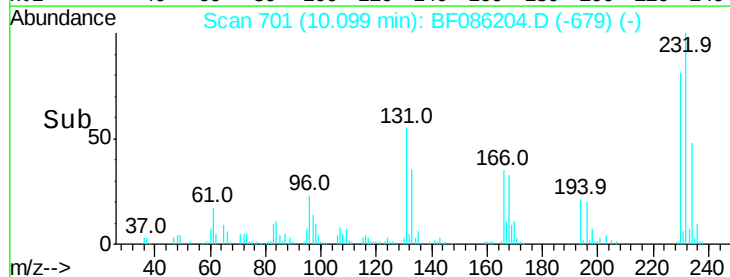
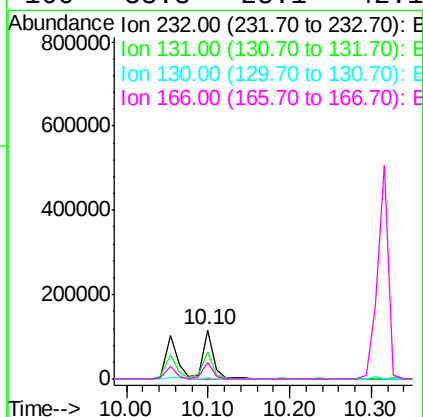
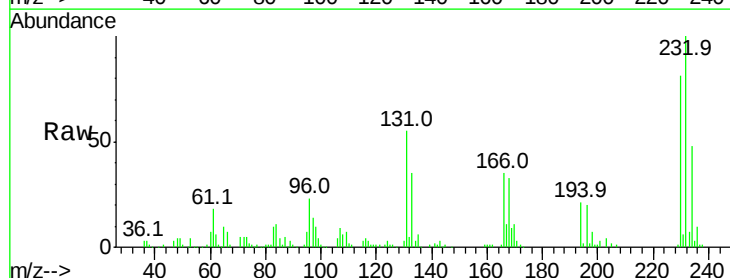
RT: 10.10 min Scan# 701

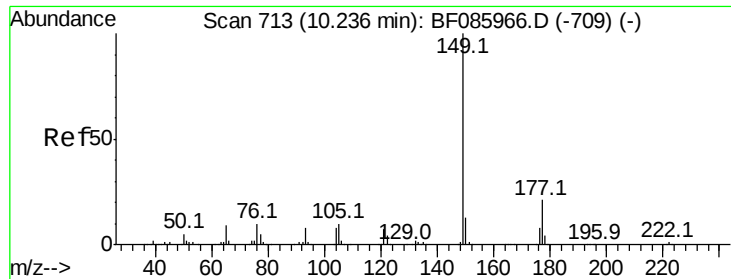
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	53.8	44.9	67.3		
130	2.6	2.3	3.5		
166	33.3	28.1	42.1		





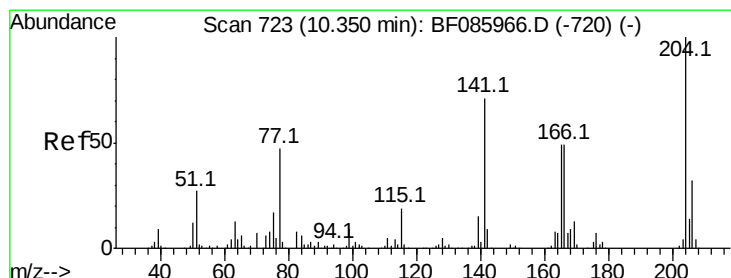
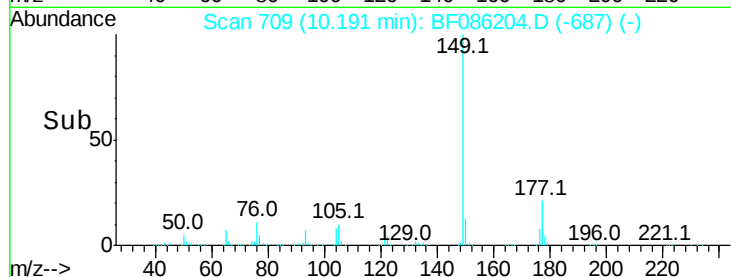
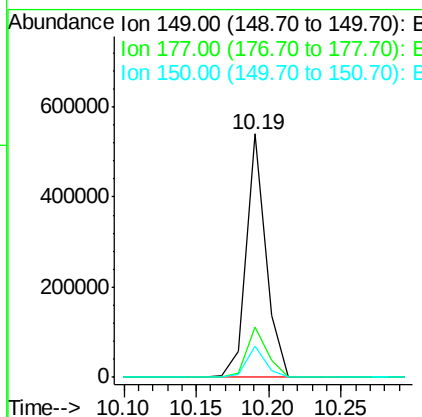
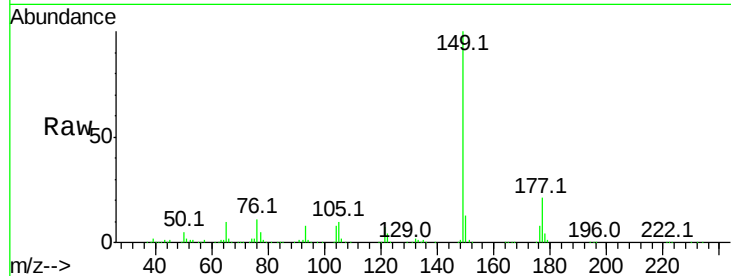
#59
Diethylphthalate
Concen: 34.86 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	509685		
177	20.7		17.9	26.9
150	13.0		10.2	15.2

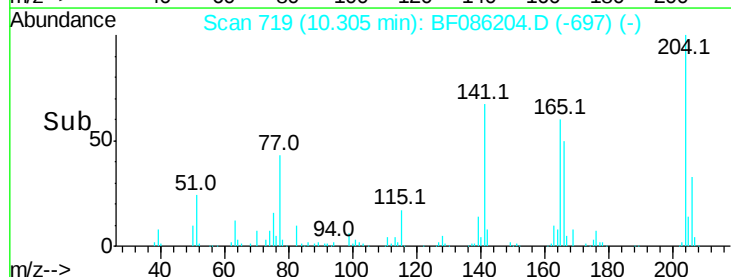
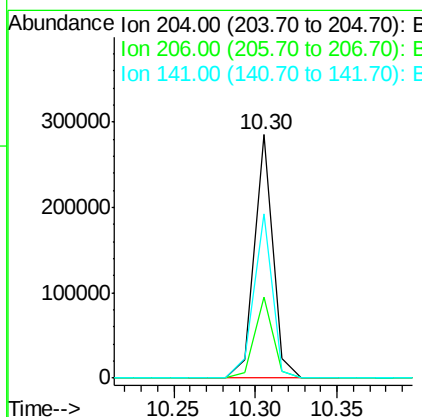
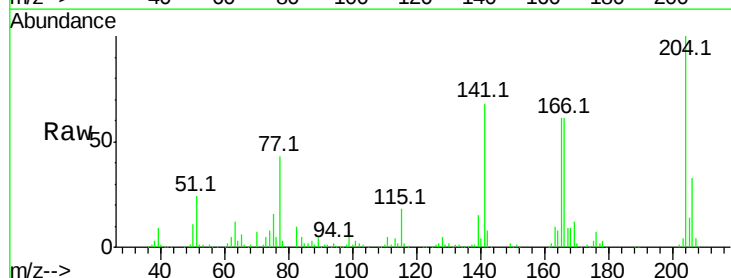
Manual Integrations
APPROVED

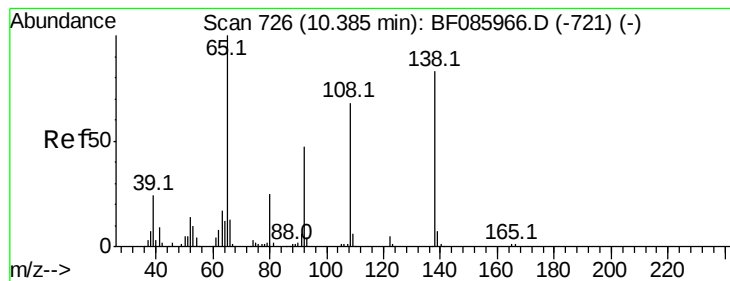
Sohil
4/11/2016 5:45:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.08 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226719		
206	33.2		26.6	39.8
141	67.5		57.4	86.0





#61

4-Nitroaniline

Concen: 33.81 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

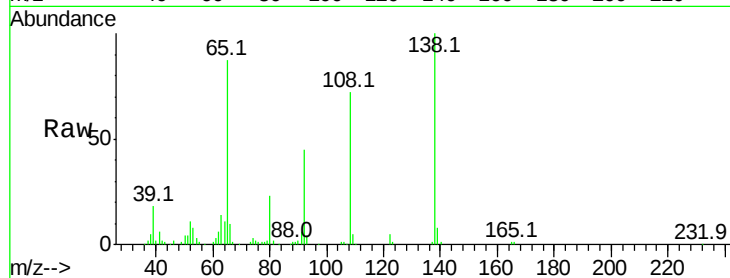
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	138	Resp:	122980
Ion Ratio	Lower	Upper	
138	100		
92	45.3	26.4	66.4
108	71.6	49.0	89.0

Manual Integrations
APPROVED

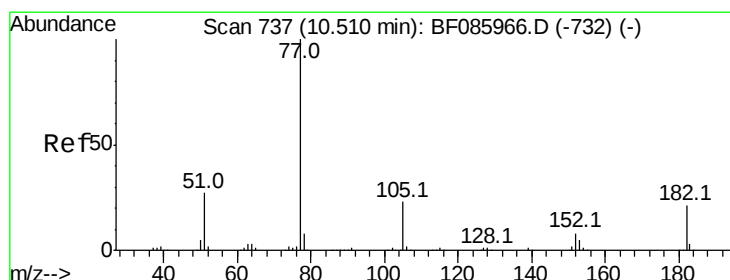
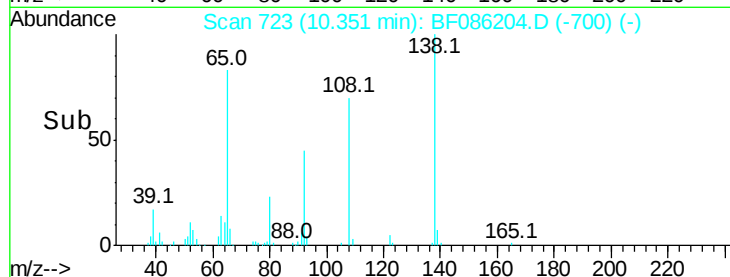
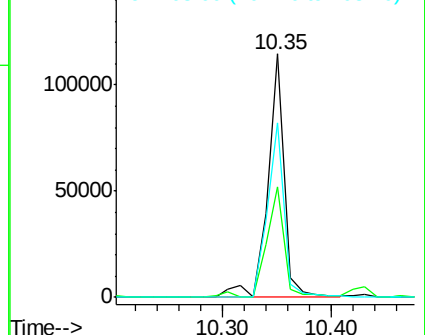
Sohil
4/11/2016 5:45:31 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.83 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

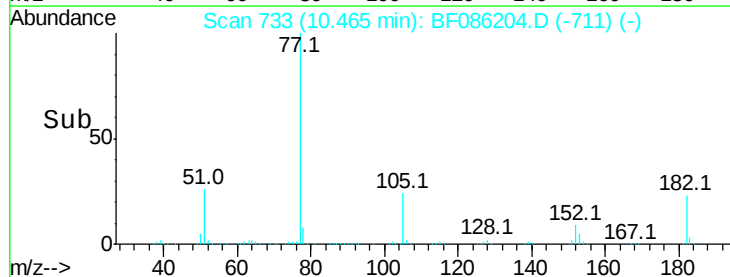
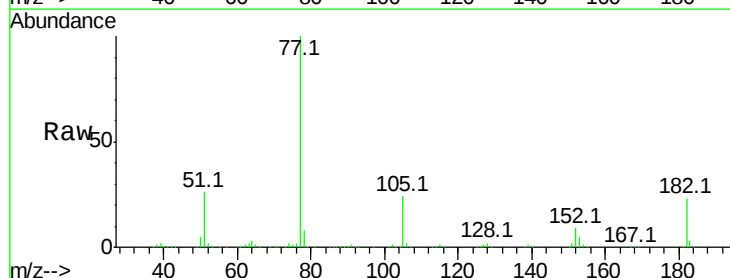
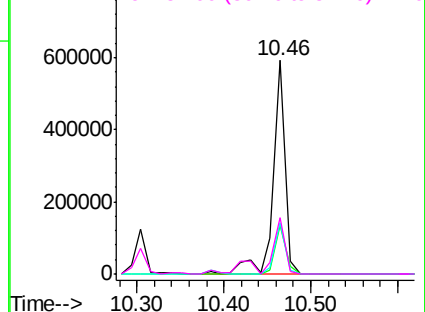
Tgt Ion:	77	Resp:	557768
Ion Ratio	Lower	Upper	
77	100		
182	22.7	1.9	41.9
105	24.1	3.5	43.5
51	26.2	6.3	46.3

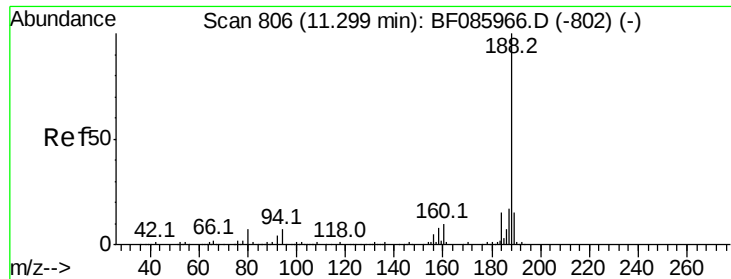
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





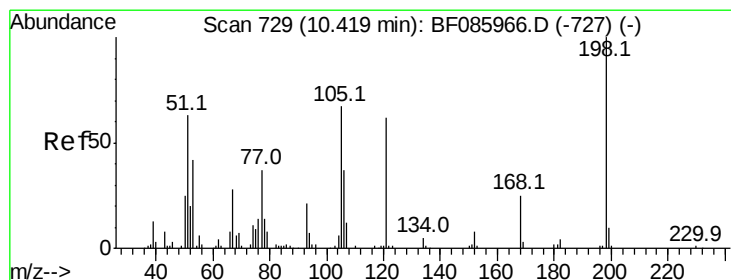
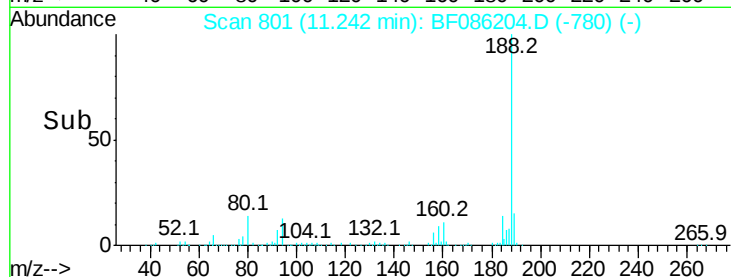
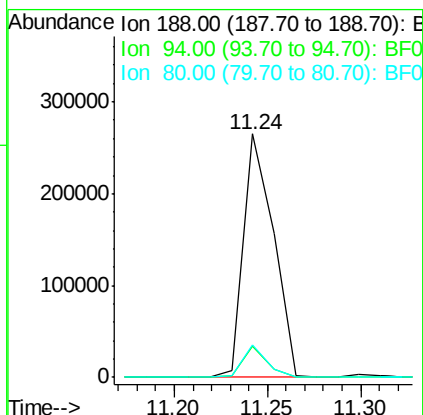
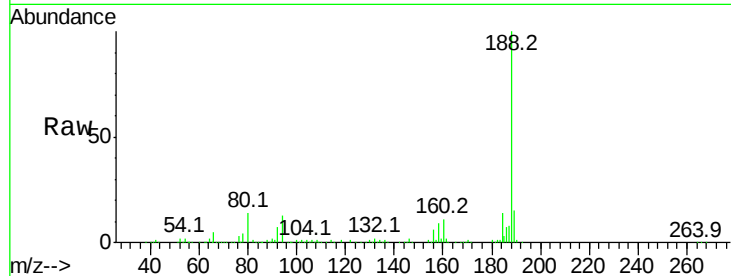
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	13.6	5.5	8.3#

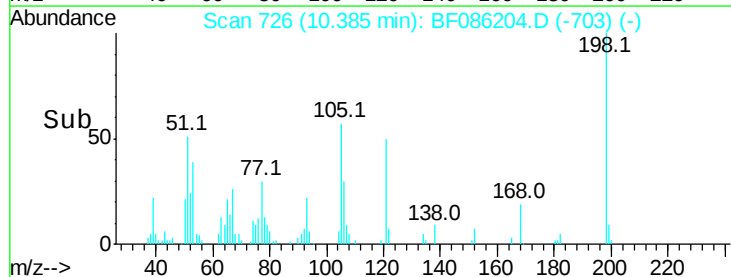
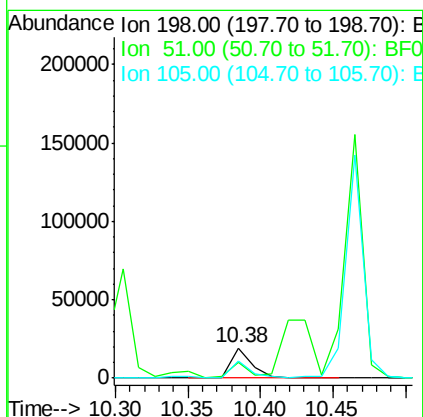
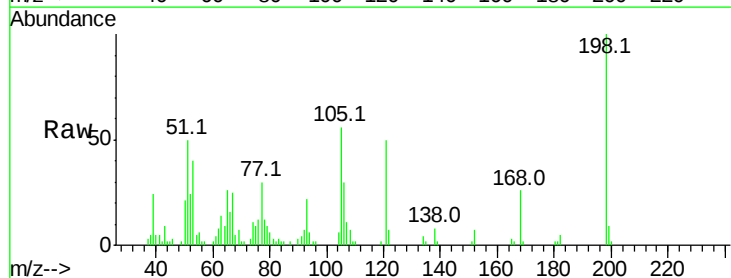
Manual Integrations
APPROVED

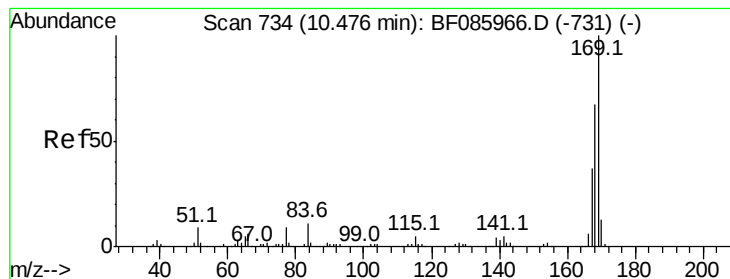
Sohil
4/11/2016 5:45:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.75 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.5	45.4	85.4
105	56.0	45.9	85.9





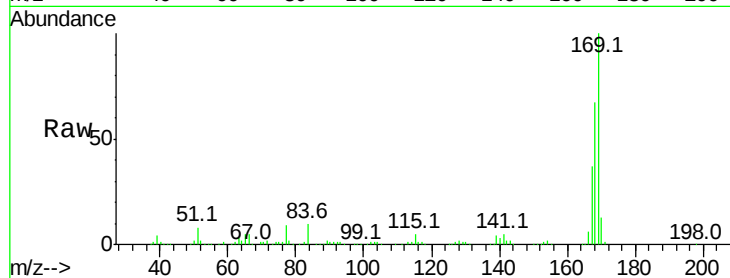
#65
n-Nitrosodiphenylamine
Concen: 46.28 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

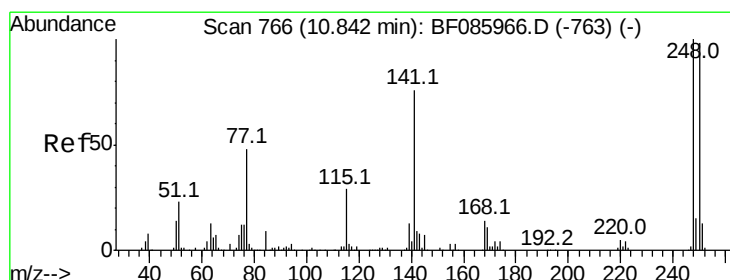
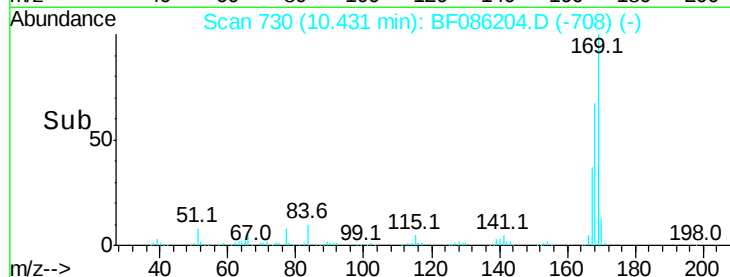
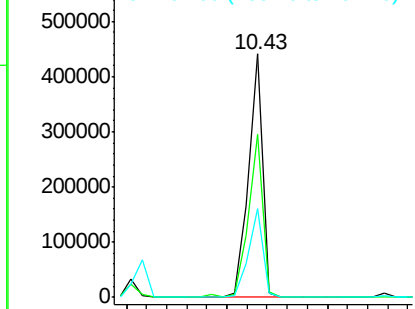
Tot Ion	Ratio	Resp	Lower	Upper
169	100	429230		
168	66.8		54.4	81.6
167	36.7		29.4	44.0

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM

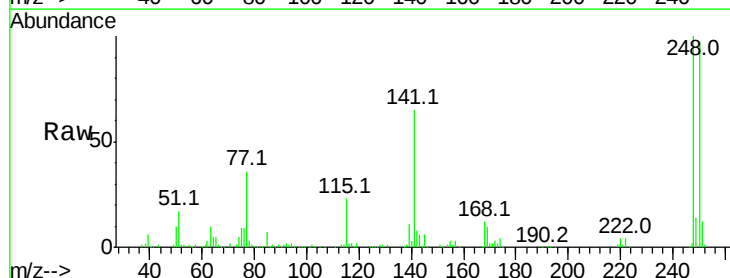


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

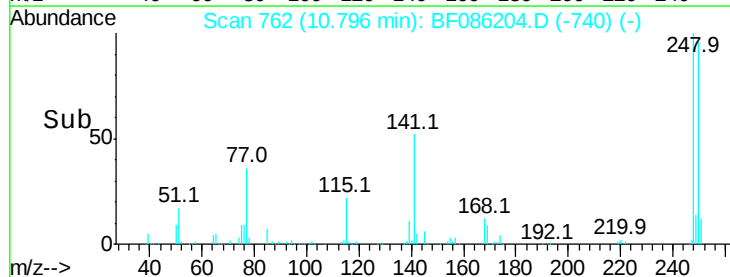
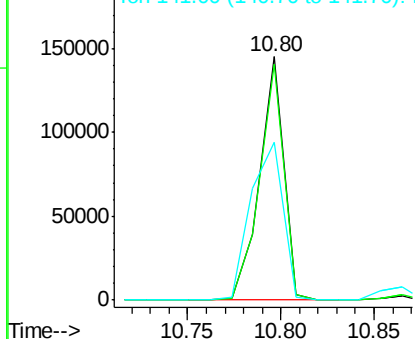


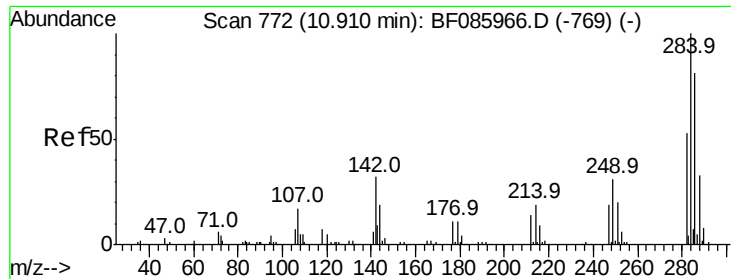
#66
4-Bromophenyl-phenylether
Concen: 42.83 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	129680		
250	97.0		77.4	116.0
141	65.0		63.6	95.4



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





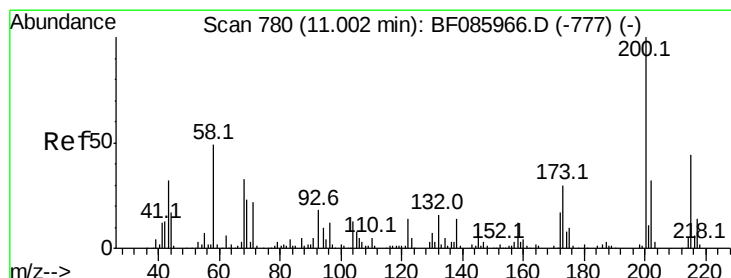
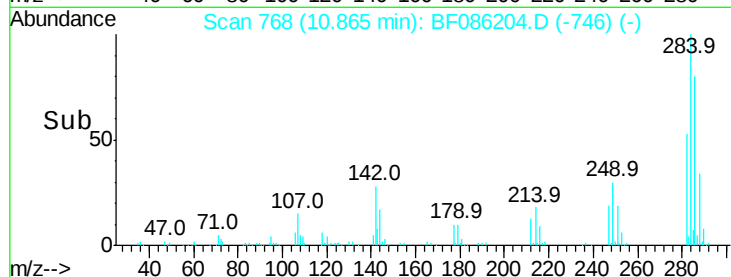
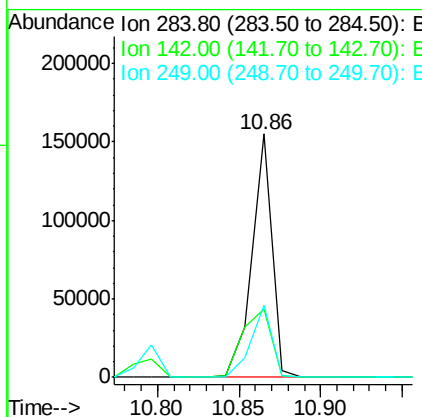
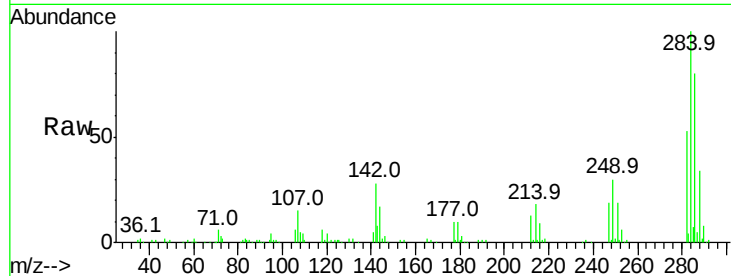
#67
Hexachlorobenzene
Concen: 42.24 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.2	23.1	34.7	
249	29.9	24.2	36.2	

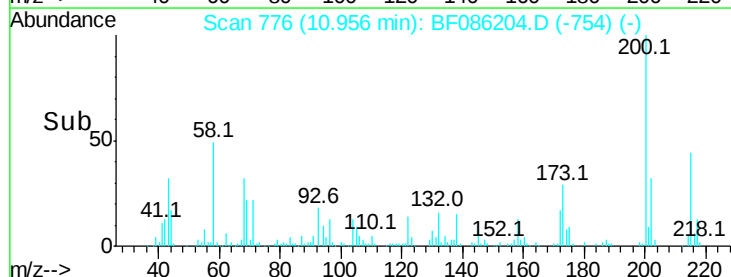
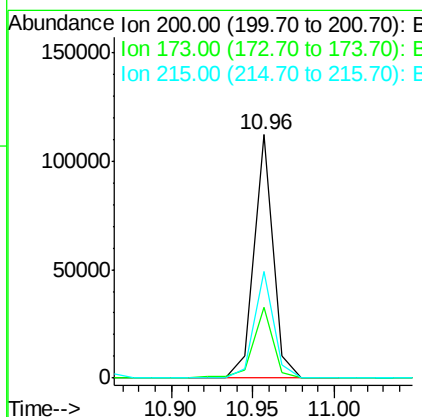
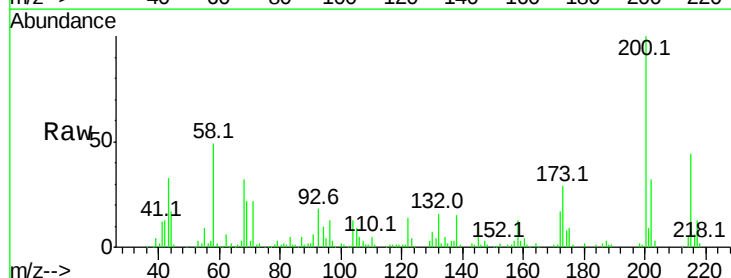
Manual Integrations
APPROVED

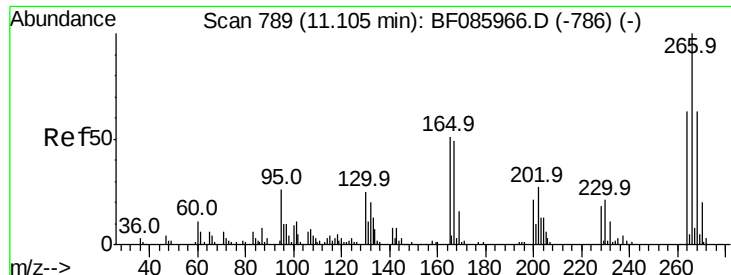
Sohil
4/11/2016 5:45:31 PM



#68
Atrazine
Concen: 30.59 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.0	7.7	47.7	
215	43.9	25.4	65.4	





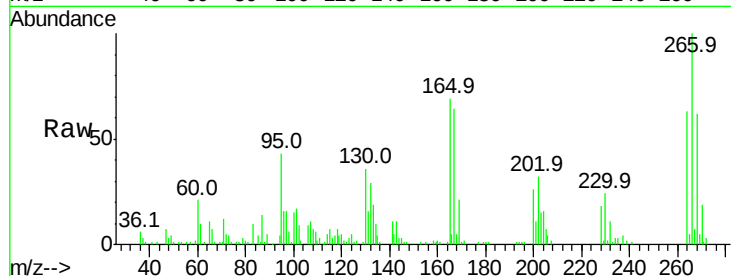
#69
 Pentachlorophenol
 Concen: 74.81 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

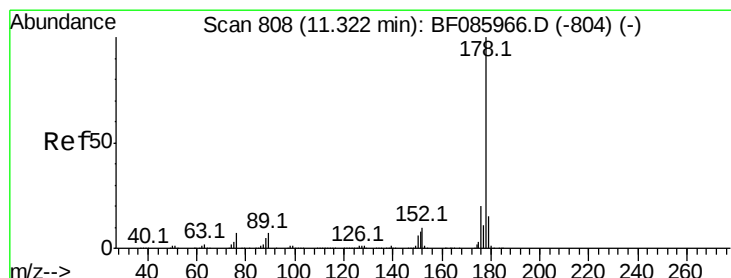
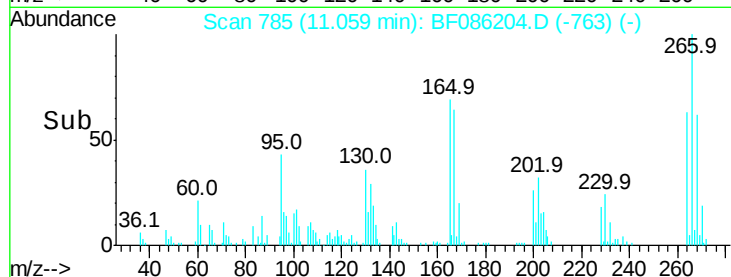
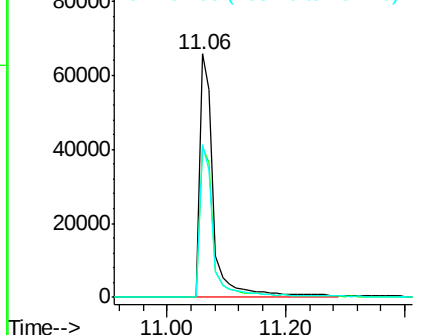
Tot Ion	Ratio	Resp	Lower	Upper
266	100	109771		
268	61.6	51.5	77.3	
264	62.9	50.6	76.0	

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

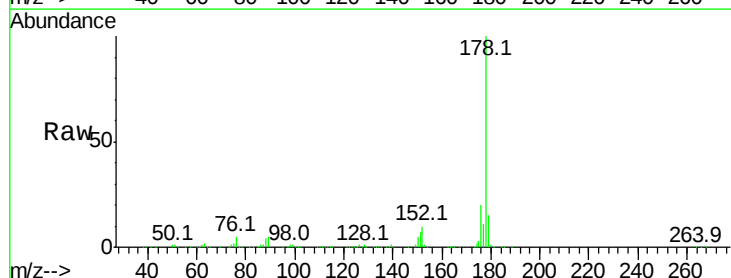


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

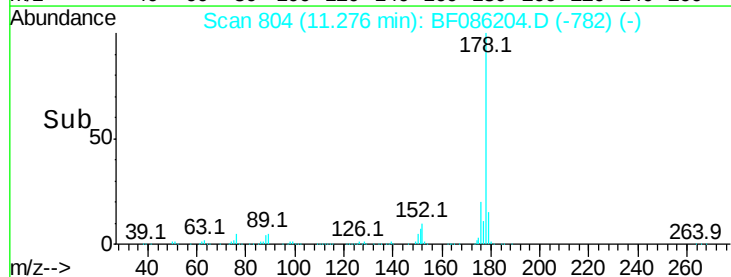
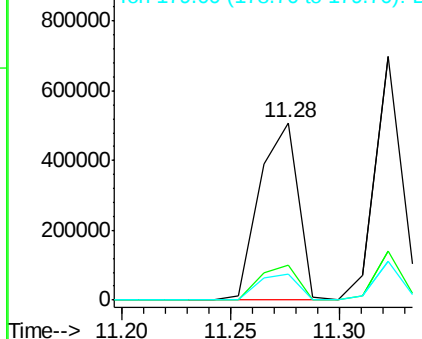


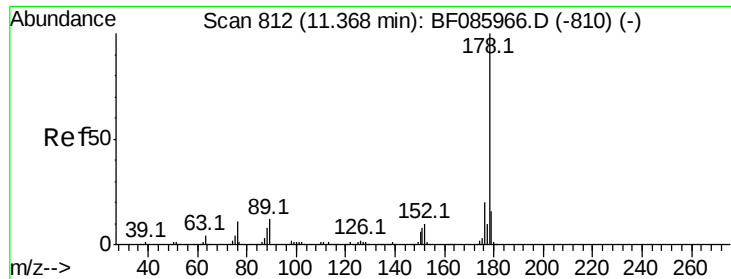
#70
 Phenanthrene
 Concen: 39.04 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	631574		
176	19.6	16.3	24.5	
179	14.9	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





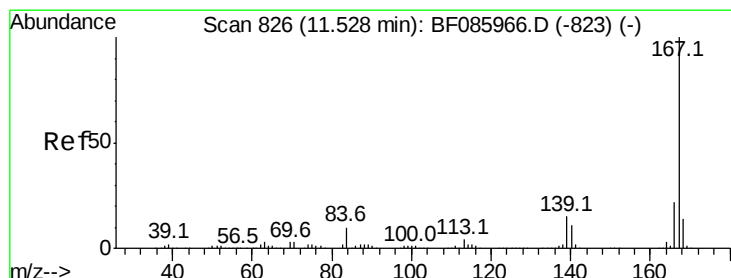
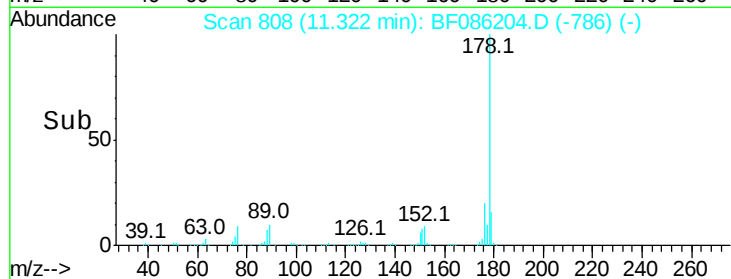
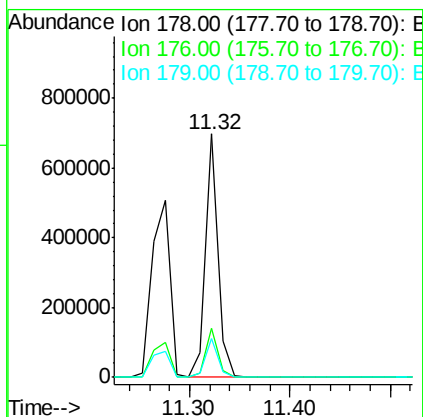
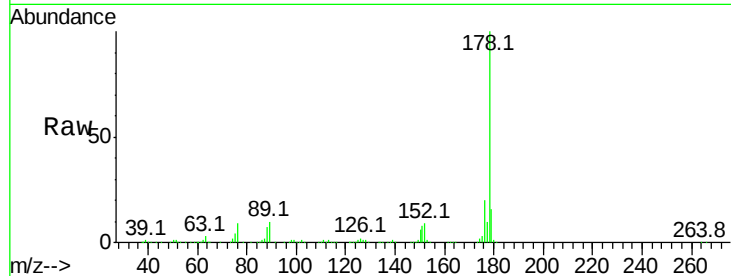
#71
 Anthracene
 Concen: 35.76 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.9	13.0	19.4

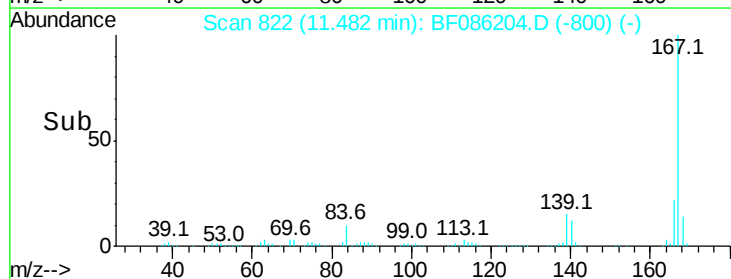
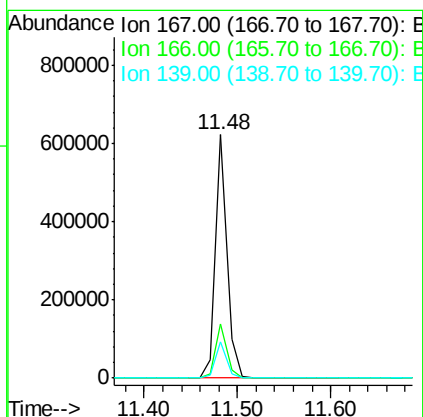
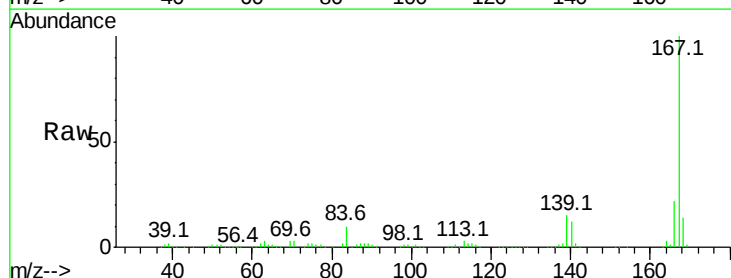
Manual Integrations
 APPROVED

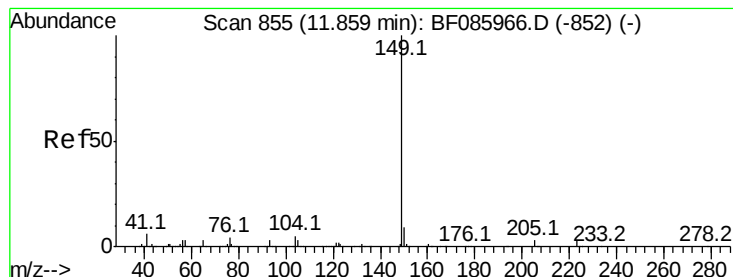
Sohil
 4/11/2016 5:45:31 PM



#72
 Carbazole
 Concen: 36.88 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	15.1	11.6	17.4





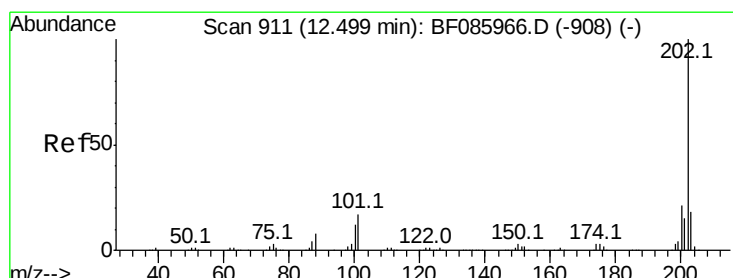
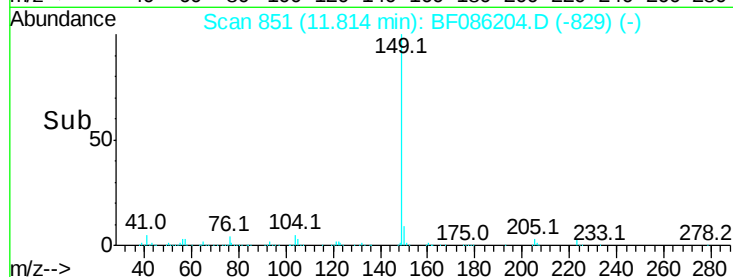
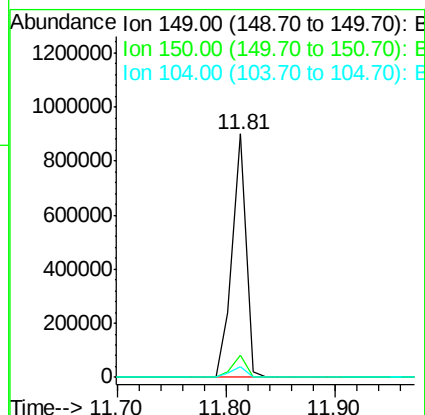
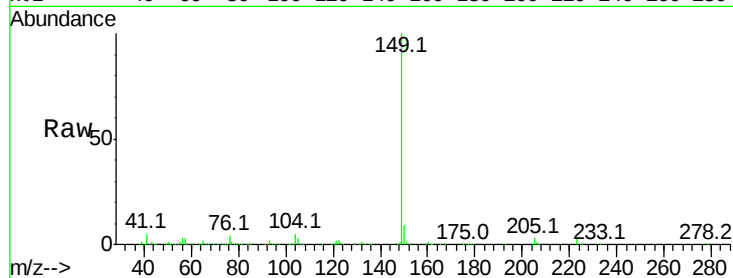
#73
Di-n-butylphthalate
Concen: 44.18 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.8

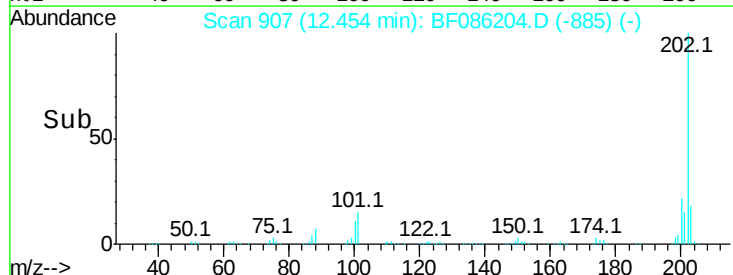
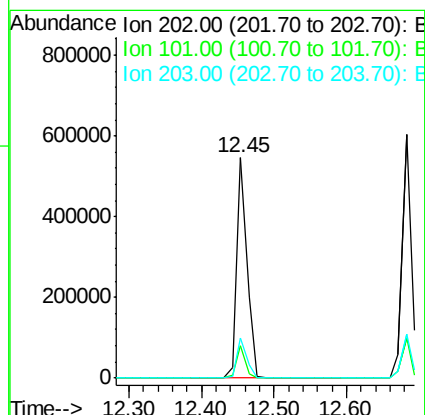
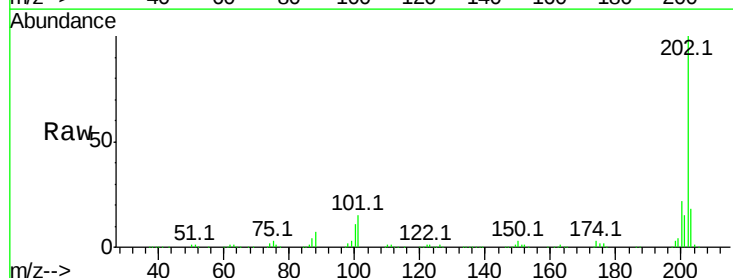
Manual Integrations
APPROVED

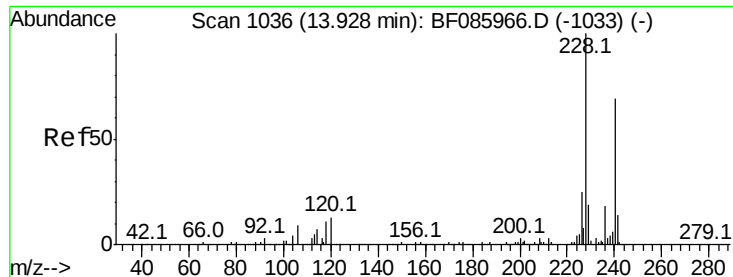
Sohil
4/11/2016 5:45:31 PM



#74
Fluoranthene
Concen: 32.05 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	0.0	36.6
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

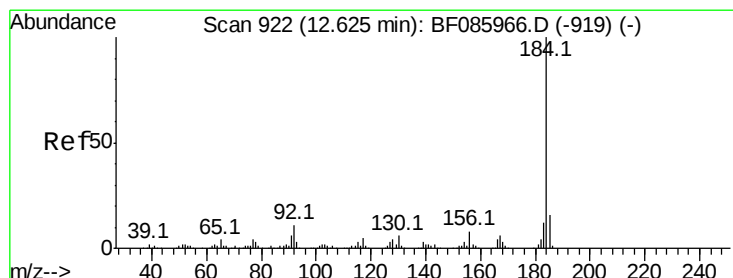
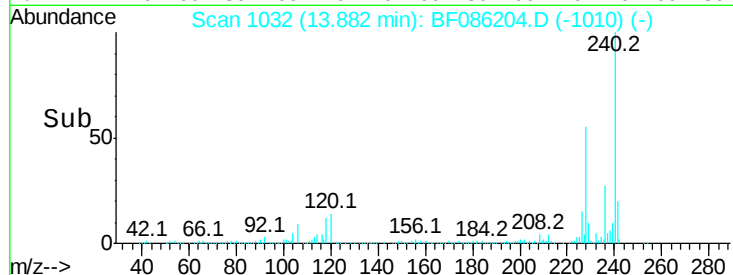
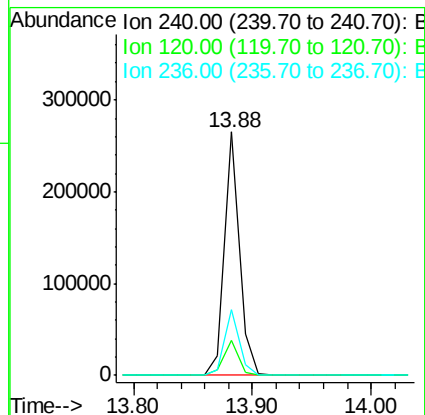
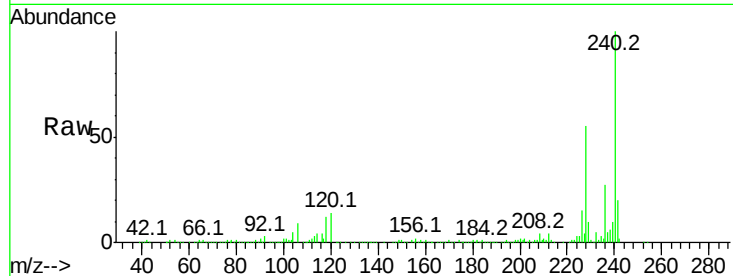
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	240	Resp:	230576
Ion Ratio	Lower	Upper	
240	100		
120	14.1	13.8	20.8
236	26.9	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#76

Benzidine

Concen: 24.43 ng

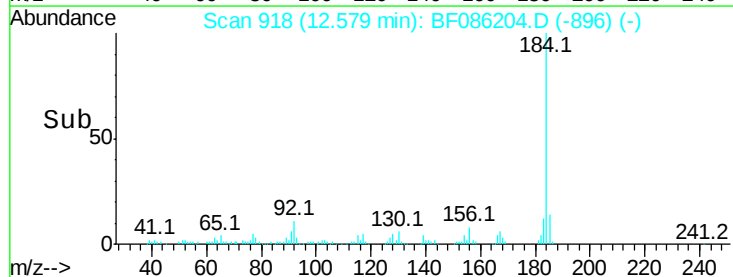
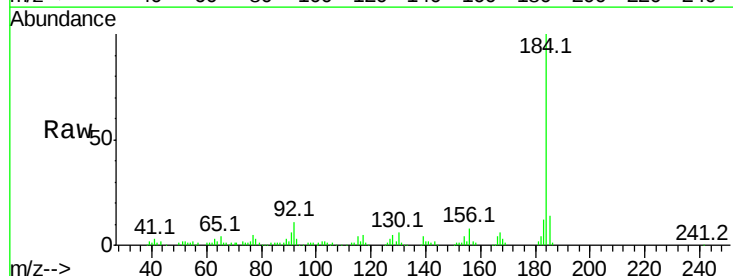
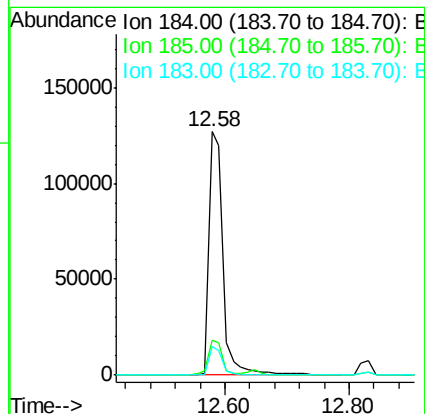
RT: 12.58 min Scan# 918

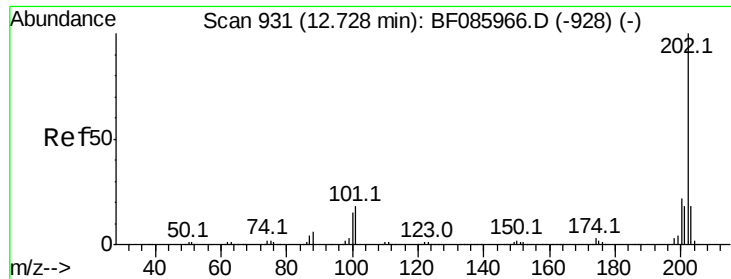
Delta R.T. -0.05 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	184	Resp:	198718
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.4	18.6
183	11.6	9.4	14.2





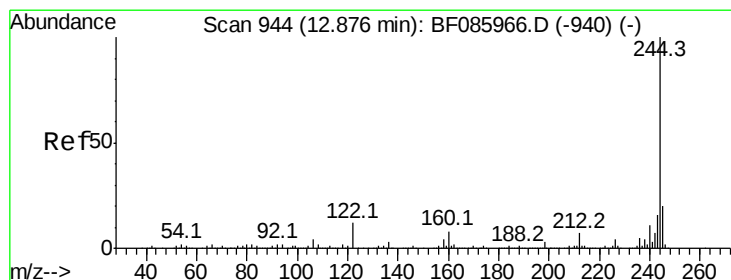
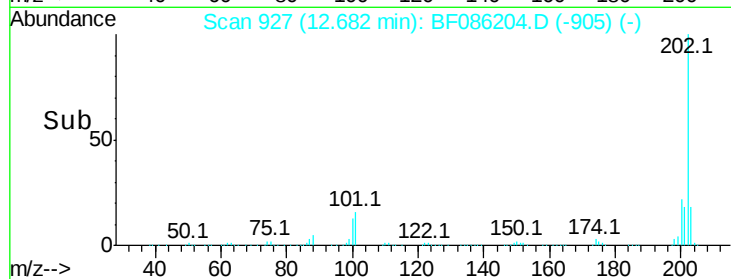
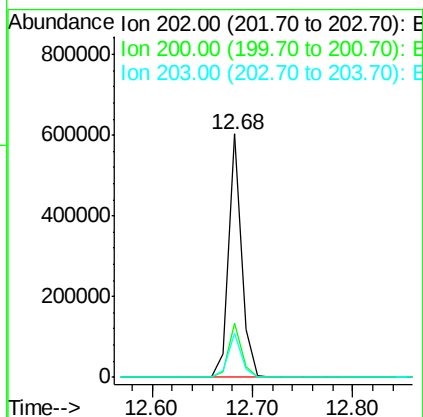
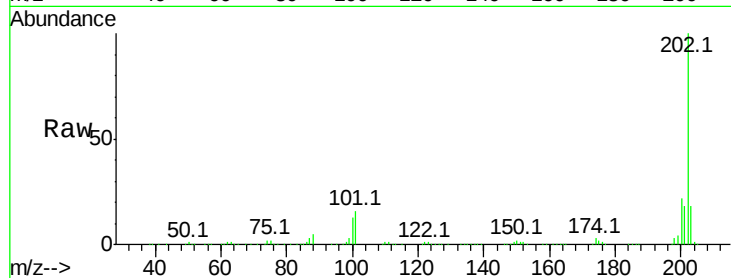
#77
Pvrene
Concen: 33.31 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.1	14.0	21.0

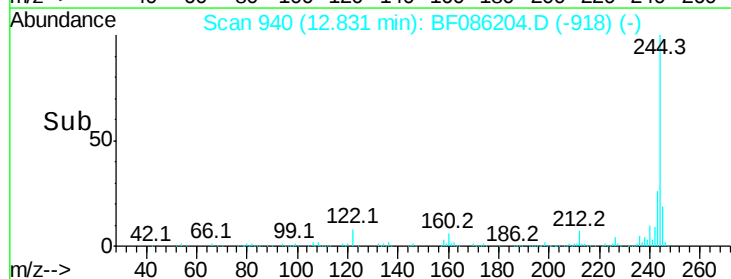
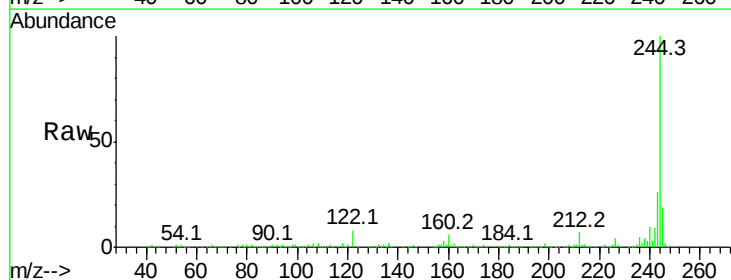
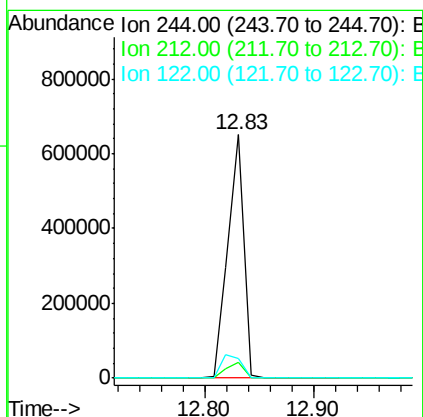
Manual Integrations
APPROVED

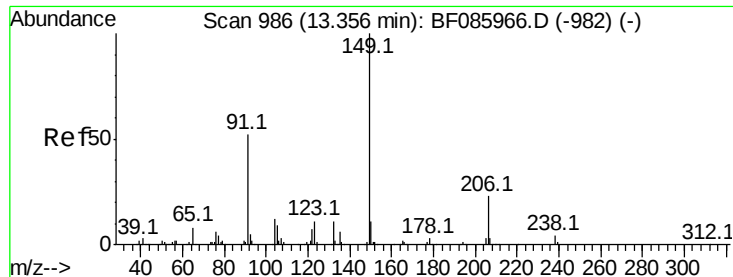
Sohil
4/11/2016 5:45:31 PM



#78
Terphenyl-d14
Concen: 67.46 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.1	9.1
122	8.1	10.2	15.4#





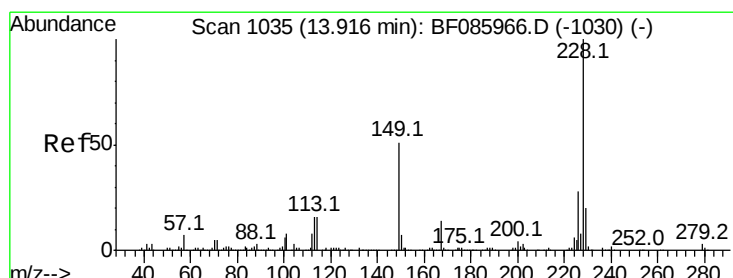
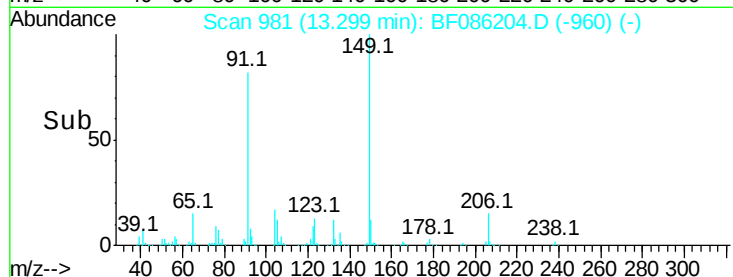
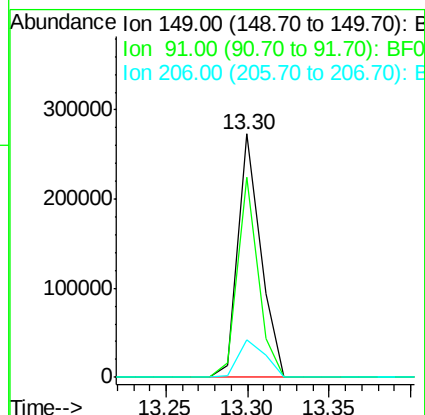
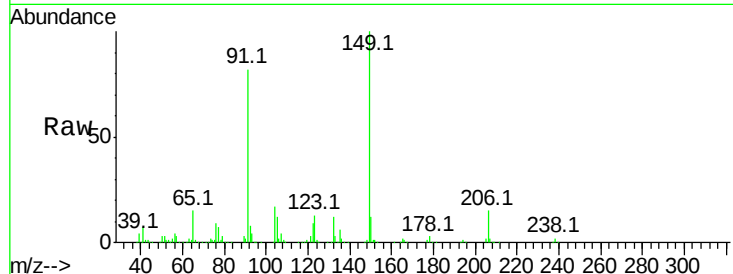
#79
Butylbenzylphthalate
Concen: 35.83 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	82.1	45.8	68.8#
206	15.2	17.8	26.8#

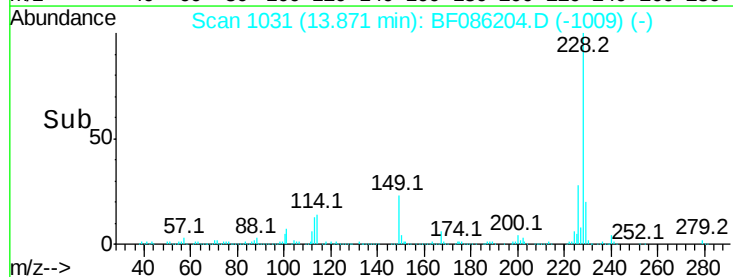
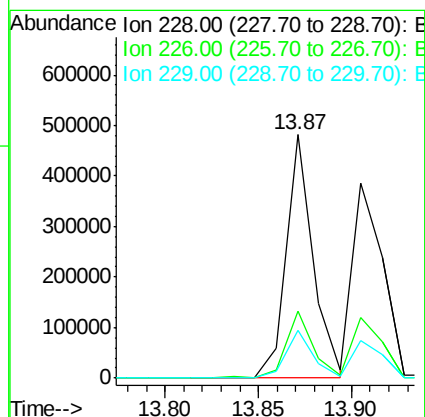
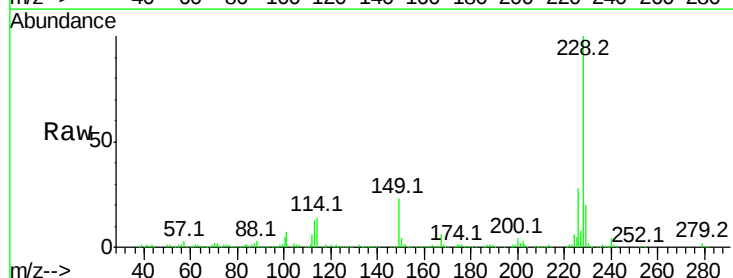
Manual Integrations
APPROVED

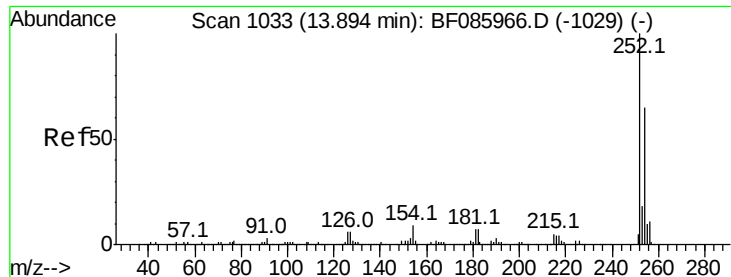
Sohil
4/11/2016 5:45:31 PM



#80
Benzo(a)anthracene
Concen: 35.48 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	16.2	24.4





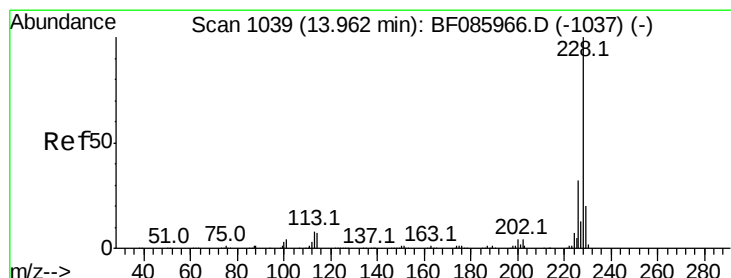
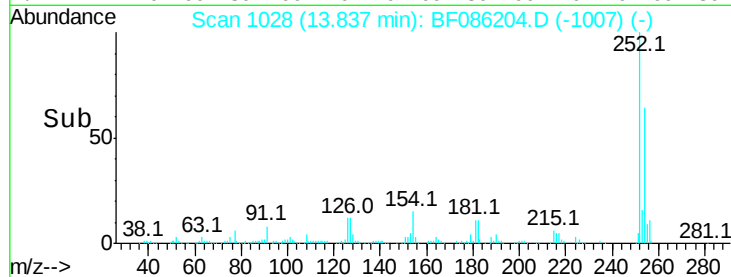
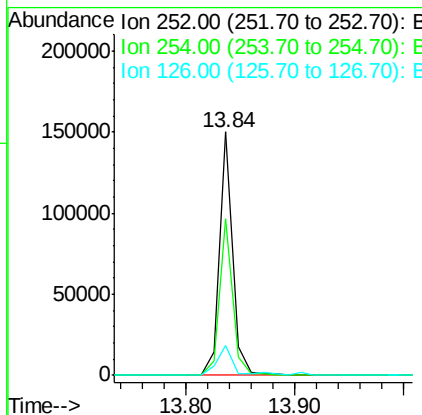
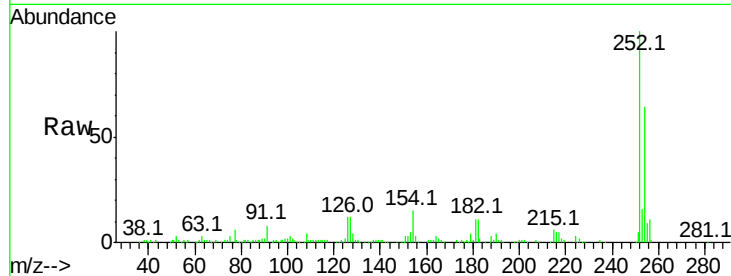
#81
 3,3'-Dichlorobenzidine
 Concen: 12.96 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion:	252	Resp:	128693
Ion Ratio	Lower	Upper	
252	100		
254	64.5	50.7	76.1
126	12.4	11.8	17.6

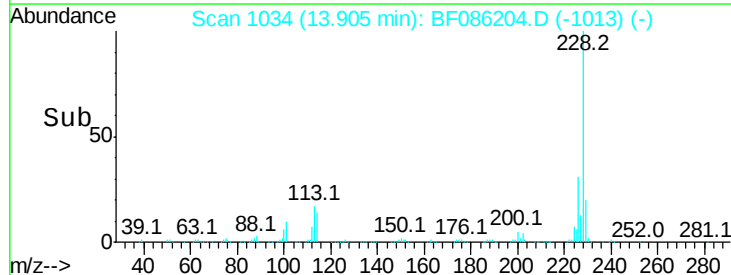
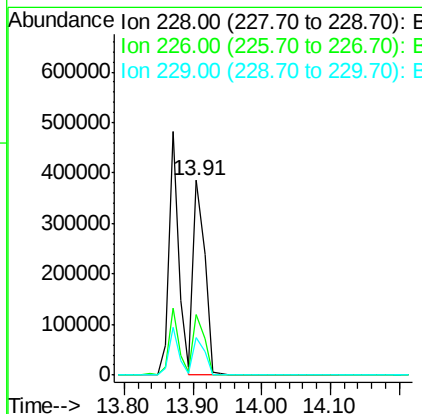
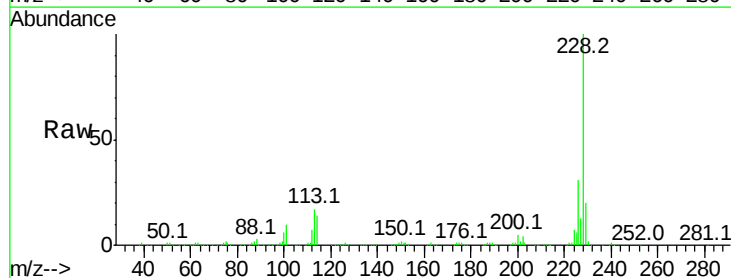
Manual Integrations
 APPROVED

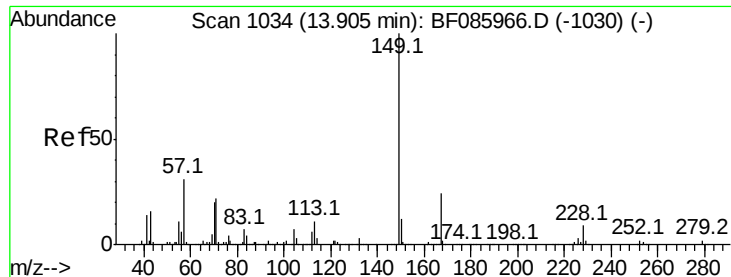
Sohil
 4/11/2016 5:45:31 PM



#82
 Chrysene
 Concen: 33.61 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion:	228	Resp:	440079
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	19.6	15.7	23.5





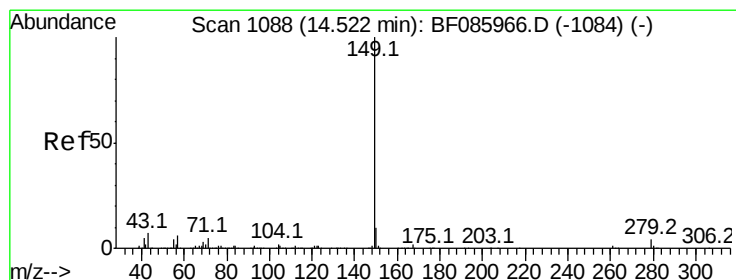
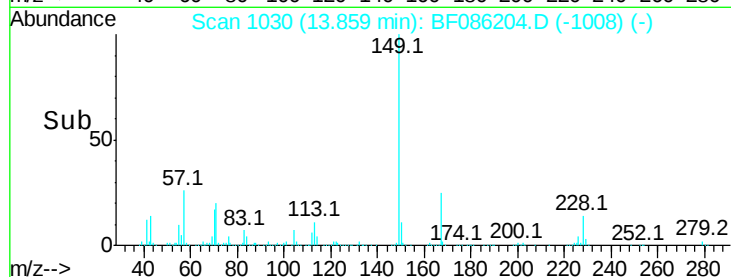
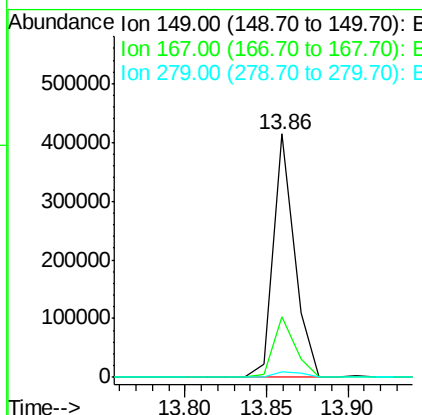
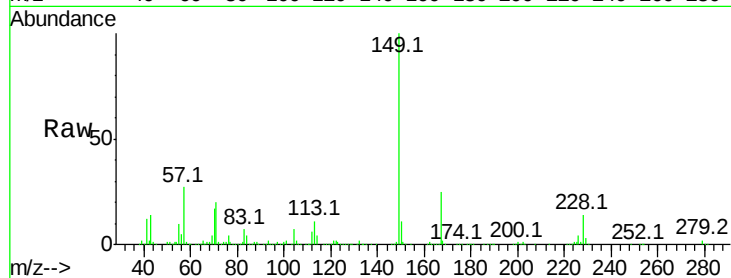
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.82 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	24.7	19.4	29.2
279	2.2	1.5	2.3

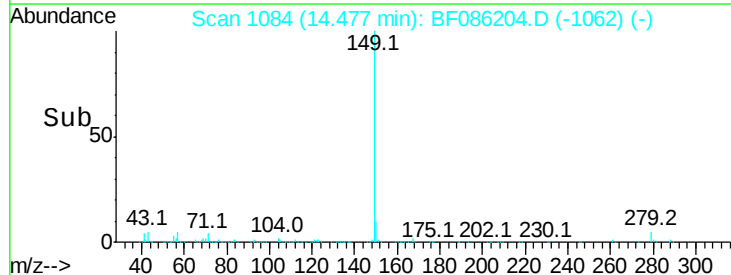
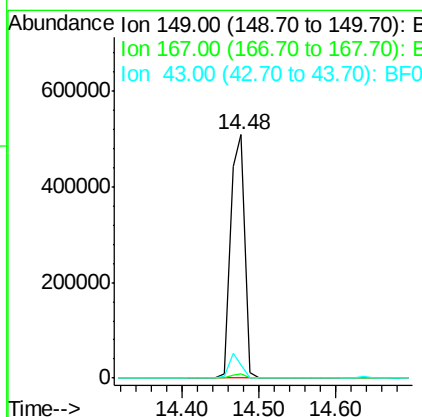
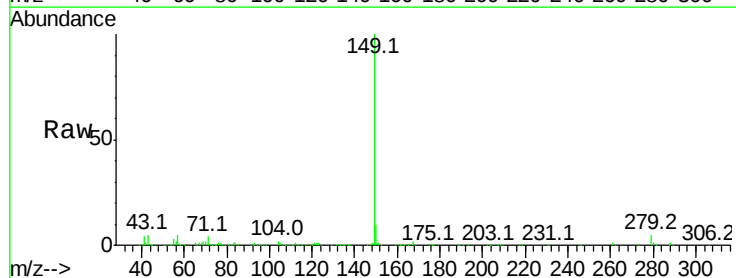
Manual Integrations
 APPROVED

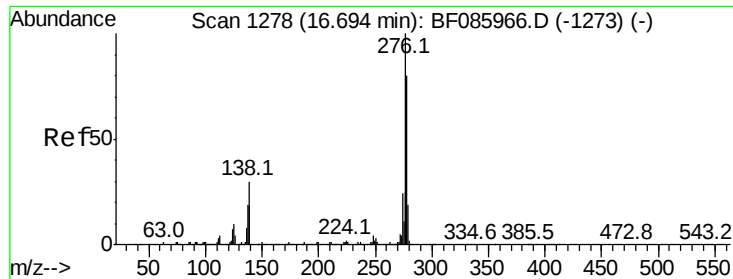
Sohil
 4/11/2016 5:45:31 PM



#84
 Di-n-octyl phthalate
 Concen: 43.38 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	7.1	10.7





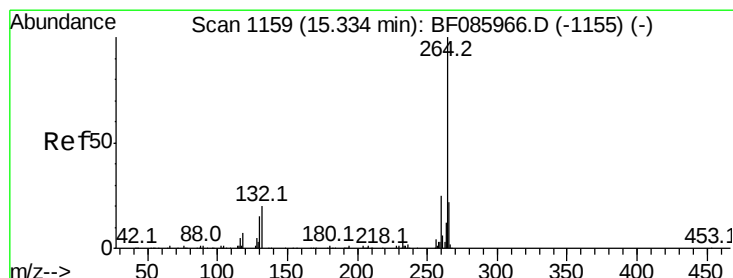
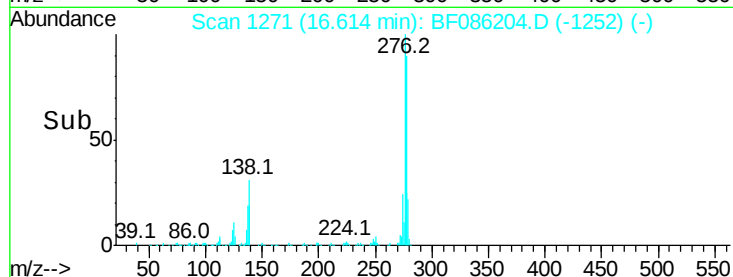
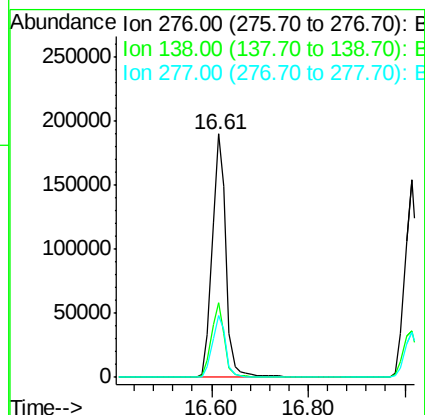
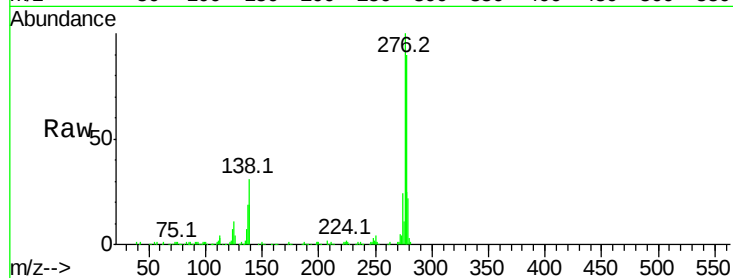
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.83 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.08 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion:	276	Resp:	380591
Ion Ratio	Lower	Upper	
276	100		
138	29.2	24.2	36.4
277	25.0	20.0	30.0

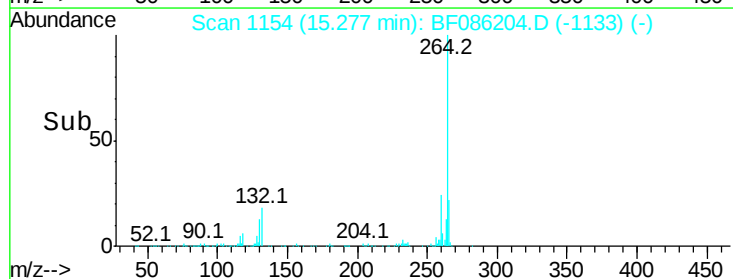
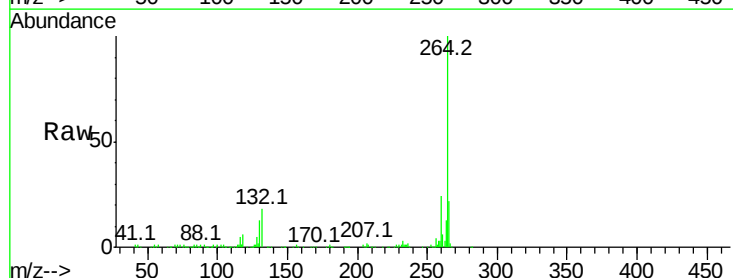
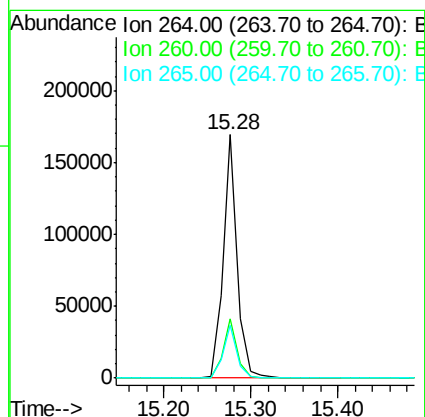
Manual Integrations
APPROVED

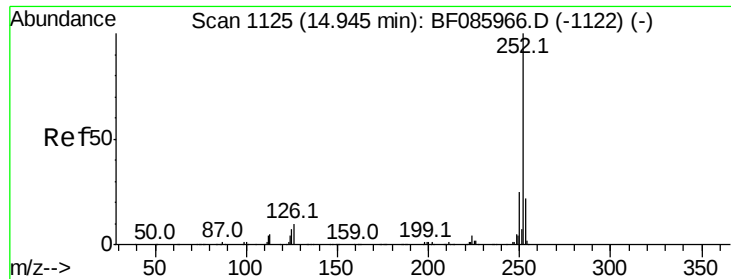
Sohil
4/11/2016 5:45:31 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion:	264	Resp:	190854
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.48 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Instrument :

BNA_F

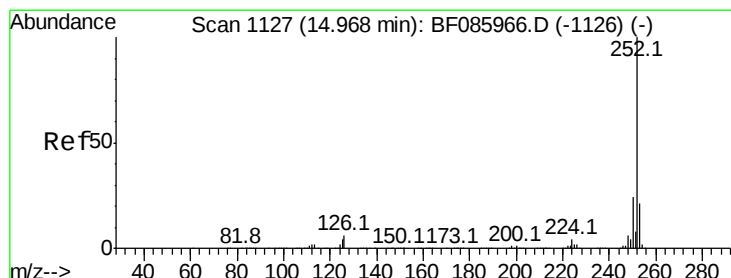
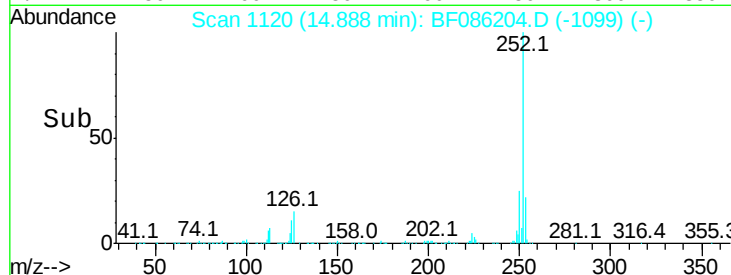
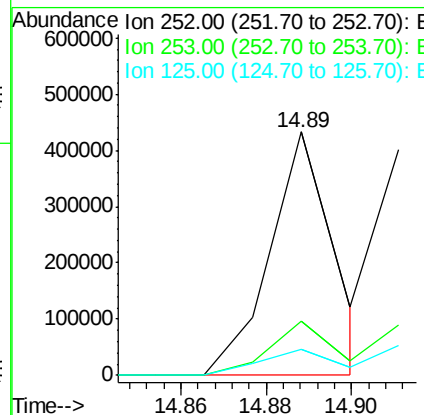
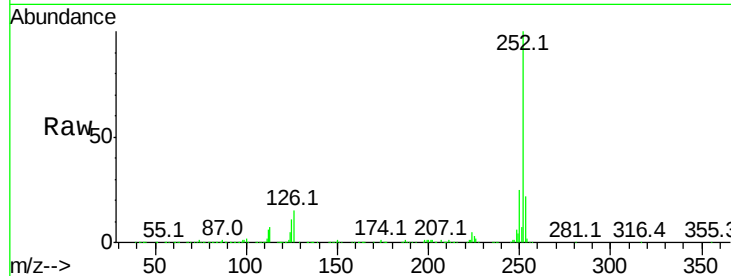
ClientSampleId :

SUMPPUMP-5MS

Tot Ion:	252	Resp:	450016
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.7	10.3	15.5

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:31 PM



#88

Benzo(k)fluoranthene

Concen: 38.17 ng m

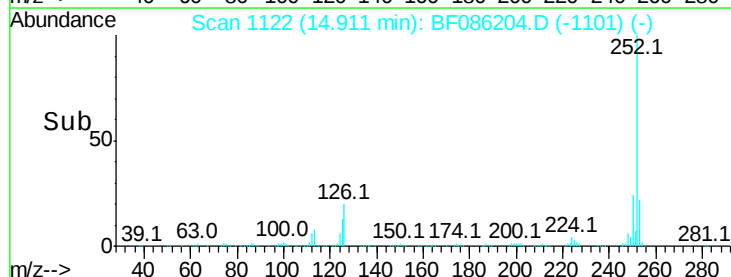
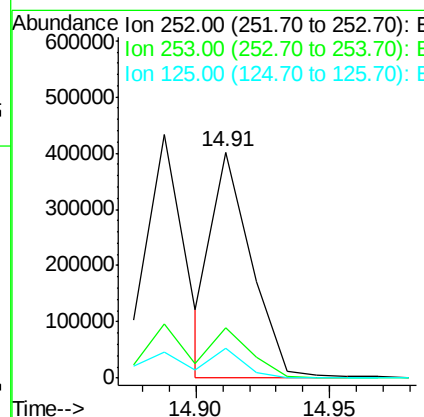
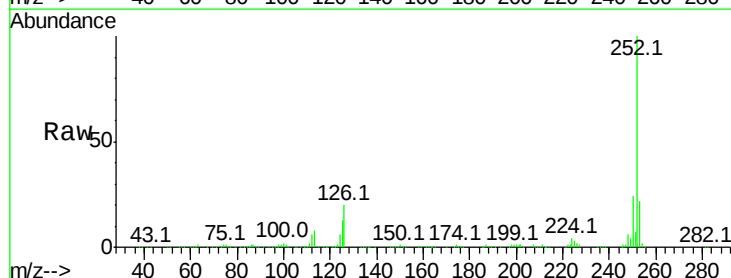
RT: 14.91 min Scan# 1122

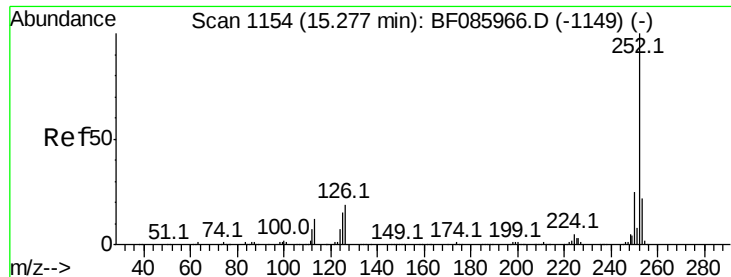
Delta R.T. -0.06 min

Lab File: BF086204.D

Acq: 9 Apr 2016 8:06

Tgt Ion:	252	Resp:	405780
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	13.3	7.7	11.5#





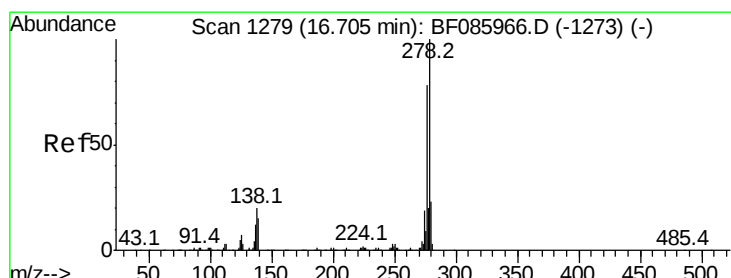
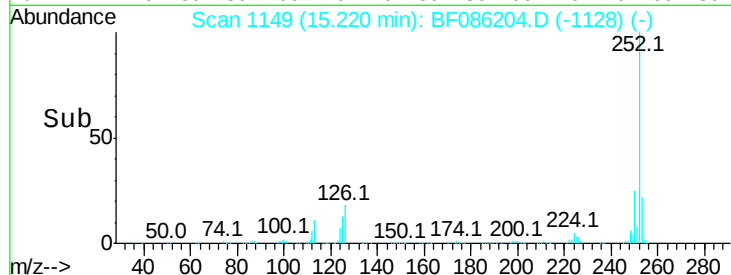
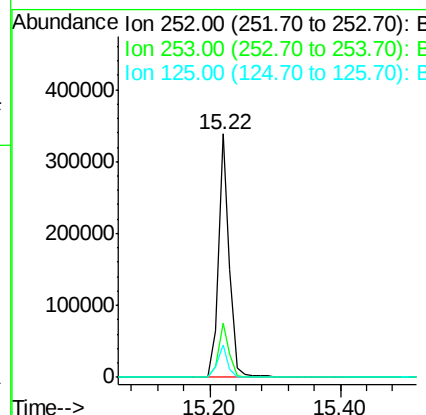
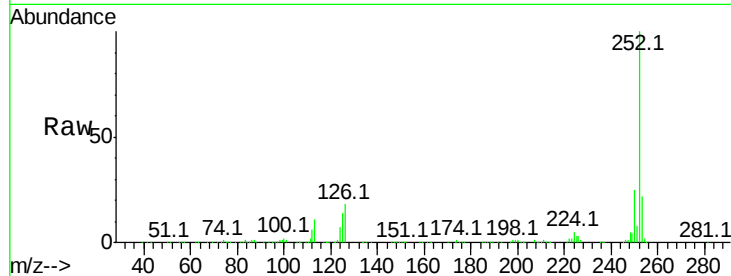
#89
Benzo(a)pyrene
Concen: 37.55 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Instrument :
BNA_F
ClientSampleId :
SUMPPUMP-5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	13.5	10.3	15.5

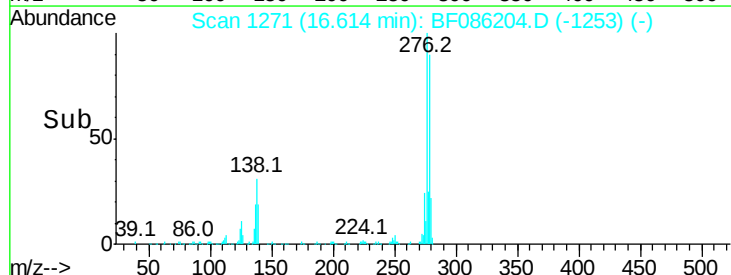
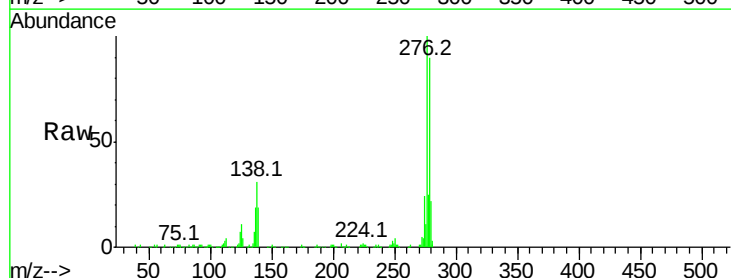
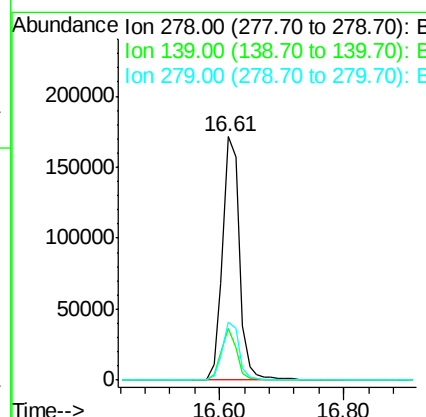
Manual Integrations
APPROVED

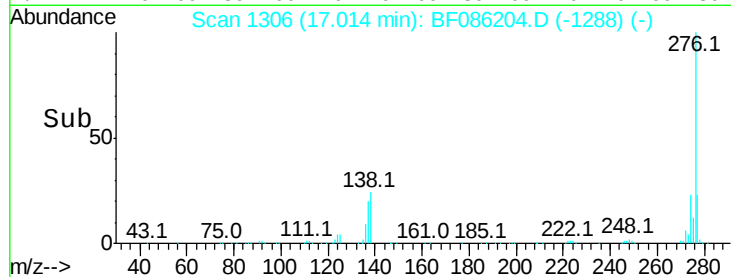
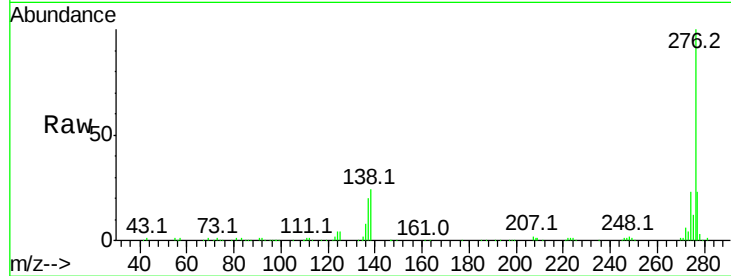
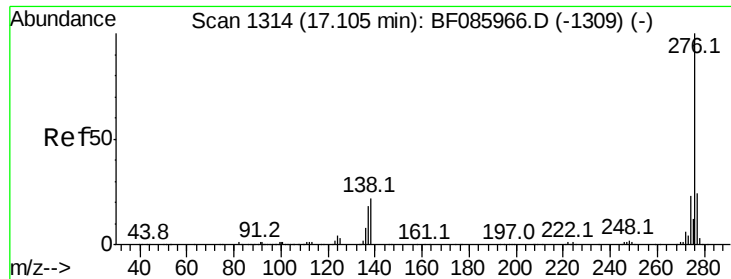
Sohil
4/11/2016 5:45:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.71 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF086204.D
Acq: 9 Apr 2016 8:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	14.4	21.6
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 36.93 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086204.D
 Acq: 9 Apr 2016 8:06

Instrument :
 BNA_F
 ClientSampleId :
 SUMPPUMP-5MS

Tot Ion:	276	Resp:	305898
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	23.7	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:31 PM

