

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086165.D
 Acq On : 8 Apr 2016 13:46
 Operator : UM/SJ
 Sample : PB89567BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:08 PM

Quant Time: Apr 08 23:52:06 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	111637	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	452398	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	217893	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	388275	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	294898	20.00	ng	-0.05
86) Perylene-d12	15.28	264	239135	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	734194	112.41	ng	-0.03
7) Phenol-d6	6.38	99	975065	117.54	ng	-0.03
23) Nitrobenzene-d5	7.30	82	579925	75.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	230366	112.64	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1096650	83.68	ng	-0.05
78) Terphenyl-d14	12.83	244	962542	76.73	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	100743	32.54	ng	98
3) Pyridine	3.01	79	268764	38.77	ng	100
4) n-Nitrosodimethylamine	2.97	42	117855	38.66	ng	95
6) Aniline	6.40	93	181243	16.65	ng	# 1
8) 2-Chlorophenol	6.51	128	288678	37.06	ng	87
9) Benzaldehyde	6.28	77	96045	21.52	ng	93
10) Phenol	6.40	94	389531	41.16	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	273061m	36.44	ng	
12) 1,3-Dichlorobenzene	6.67	146	299607	36.29	ng	99
13) 1,4-Dichlorobenzene	6.74	146	303818	35.72	ng	99
14) 1,2-Dichlorobenzene	6.90	146	290925	37.16	ng	99
15) Benzyl Alcohol	6.89	79	228938	42.66	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	321096	35.08	ng	77
17) 2-Methylphenol	7.00	107	244610	39.83	ng	95
18) Hexachloroethane	7.23	117	114793	36.70	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	197348	38.38	ng	95
20) 3+4-Methylphenols	7.16	107	320398	42.90	ng	# 61
22) Acetophenone	7.15	105	409893	38.54	ng	# 90
24) Nitrobenzene	7.32	77	317612	37.84	ng	# 86
25) Isophorone	7.56	82	580622	38.34	ng	96
26) 2-Nitrophenol	7.64	139	156829	39.06	ng	91
27) 2,4-Dimethylphenol	7.69	122	289357	40.12	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	341055	38.38	ng	98
29) 2,4-Dichlorophenol	7.88	162	244141	40.04	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	257468	37.62	ng	95
31) Naphthalene	8.03	128	834893	36.69	ng	99
32) Benzoic acid	7.82	122	137120	25.92	ng	99
33) 4-Chloroaniline	8.10	127	94090	10.24	ng	98
34) Hexachlorobutadiene	8.16	225	132485	36.01	ng	99
35) Caprolactam	8.46	113	78395m	40.53	ng	
36) 4-Chloro-3-methylphenol	8.59	107	262890	38.36	ng	96
37) 2-Methylnaphthalene	8.73	142	573602	38.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	241567	36.89	ng	100
40) Hexachlorocyclopentadiene	8.88	237	139791	64.31	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	156869	37.30	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	166589	39.02	nq #	87
45) 1,1'-Biphenyl	9.20	154	675582	35.96	nq	93
46) 2-Chloronaphthalene	9.22	162	518432	38.07	nq	97
47) 2-Nitroaniline	9.32	65	161392	40.50	nq	100
48) Acenaphthylene	9.63	152	843166	38.65	nq	99
49) Dimethylphthalate	9.49	163	604445	37.43	nq	99
50) 2,6-Dinitrotoluene	9.56	165	120577	35.29	nq	96
51) Acenaphthene	9.80	154	494283	38.10	nq	99
52) 3-Nitroaniline	9.73	138	69187	16.80	nq	97
53) 2,4-Dinitrophenol	9.86	184	107356	54.96	nq #	68
54) Dibenzofuran	9.97	168	684053	39.92	nq	100
55) 4-Nitrophenol	9.92	139	148529	61.18	nq	90
56) 2,4-Dinitrotoluene	9.97	165	157644	36.51	nq #	52
57) Fluorene	10.32	166	574716	39.26	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131412	41.34	nq	95
59) Diethylphthalate	10.19	149	579898	35.58	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	246642	36.17	nq	99
61) 4-Nitroaniline	10.35	138	140200	34.57	nq	92
62) Azobenzene	10.46	77	642047	41.12	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	81789	34.76	nq	83
65) n-Nitrosodiphenylamine	10.43	169	497050	40.93	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	164730	41.56	nq	97
67) Hexachlorobenzene	10.86	284	168481	41.10	nq #	92
68) Atrazine	10.96	200	152285	38.81	nq	96
69) Pentachlorophenol	11.07	266	123488	64.28	nq	99
70) Phenanthrene	11.28	178	850855	40.17	nq	99
71) Anthracene	11.32	178	778921	35.10	nq	99
72) Carbazole	11.48	167	692400	36.30	nq	99
73) Di-n-butylphthalate	11.81	149	926195	39.19	nq	100
74) Fluoranthene	12.46	202	811987	36.86	nq	88
76) Benzidine	12.58	184	283350	27.23	nq	98
77) Pyrene	12.68	202	786820	37.86	nq	99
79) Butylbenzylphthalate	13.31	149	409699	43.78	nq	98
80) Benzo(a)anthracene	13.87	228	659760	37.95	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	114940	9.05	nq	99
82) Chrysene	13.92	228	652809	38.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	504285	40.61	nq	99
84) Di-n-octyl phthalate	14.48	149	906110	45.69	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	487007	35.85	nq	99
87) Benzo(b)fluoranthene	14.89	252	561750m	37.34	nq	
88) Benzo(k)fluoranthene	14.92	252	579828m	43.53	nq	
89) Benzo(a)pyrene	15.22	252	529020	39.69	nq #	97
90) Dibenzo(a,h)anthracene	16.63	278	414399	38.64	nq	97
91) Benzo(g,h,i)perylene	17.01	276	402092	38.75	nq	98

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

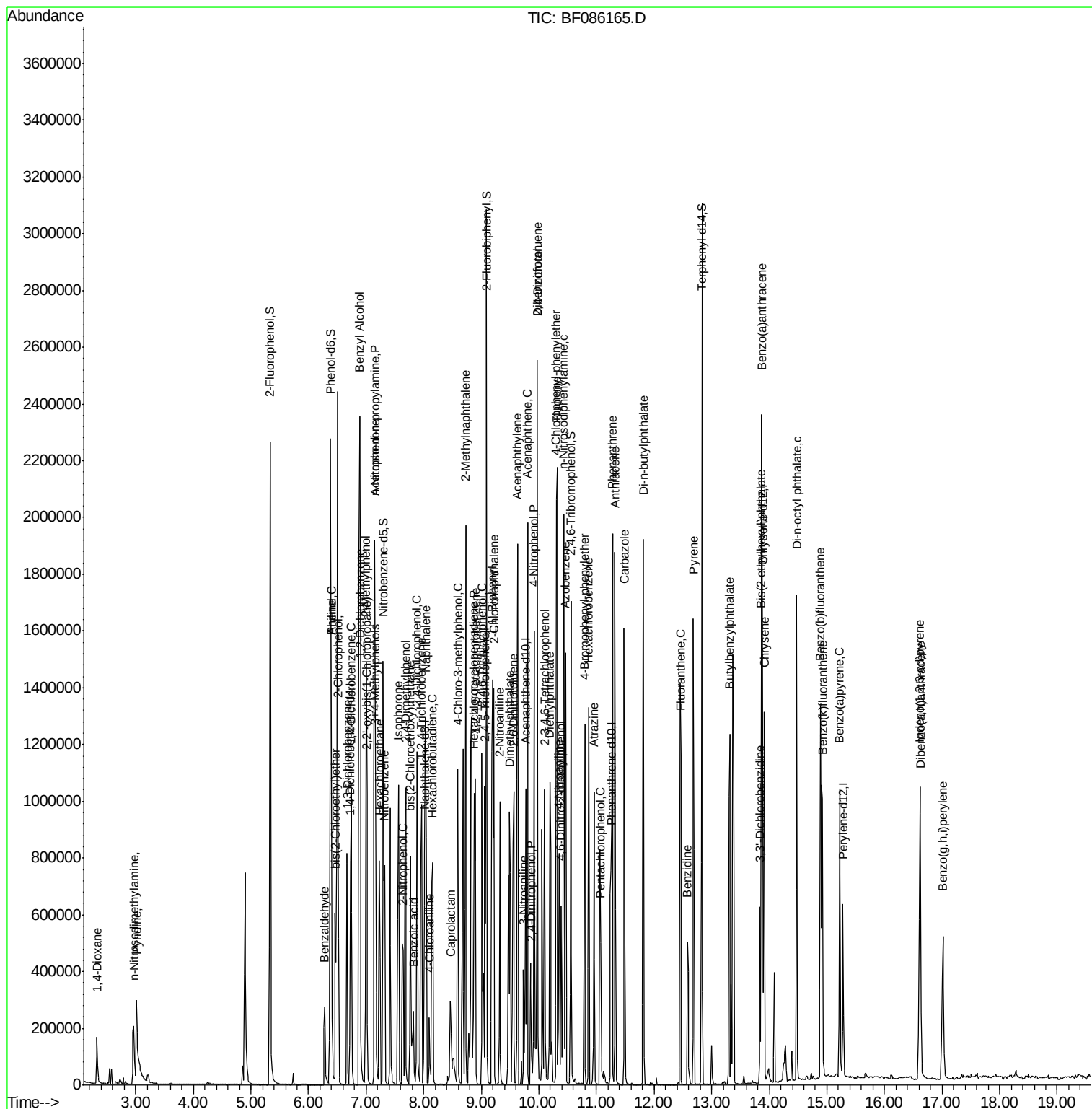
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Operator  : UM/SJ  
Sample    : PB89567BSD  
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ALS Vial  : 4 Sample Multiplier: 1
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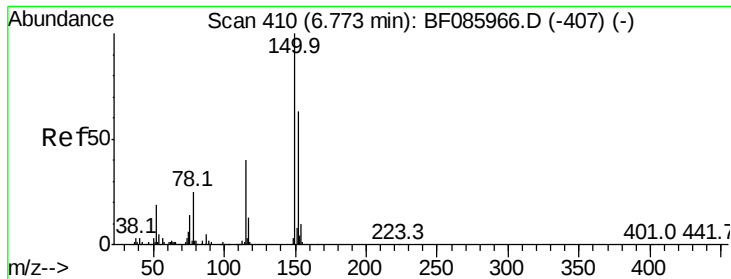
Instrument :
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#1

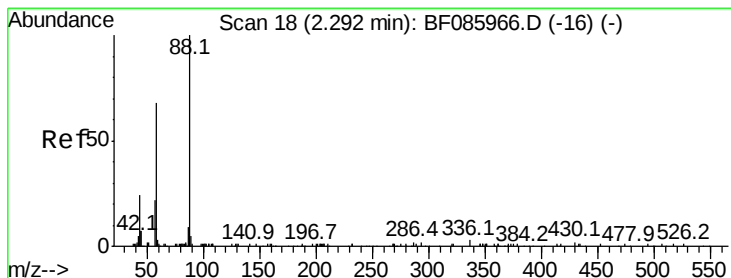
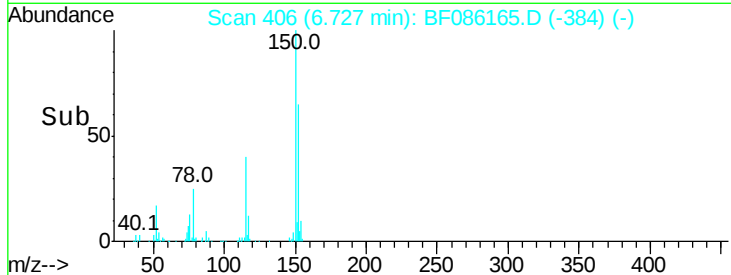
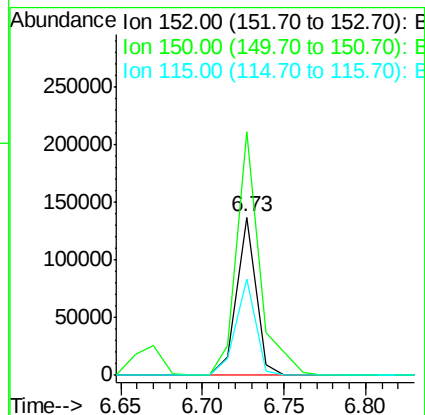
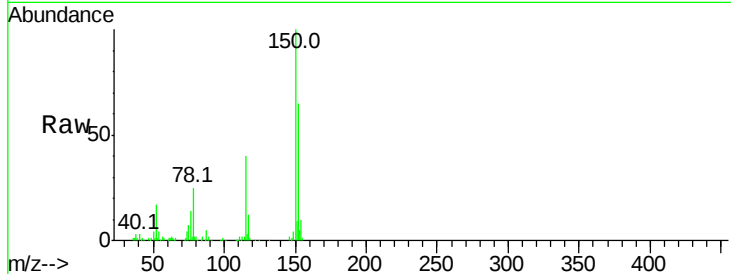
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	61.1	47.0	70.6

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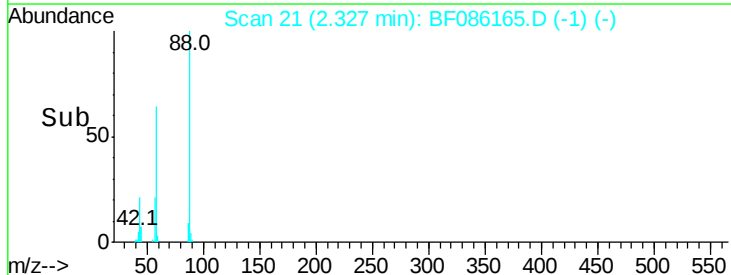
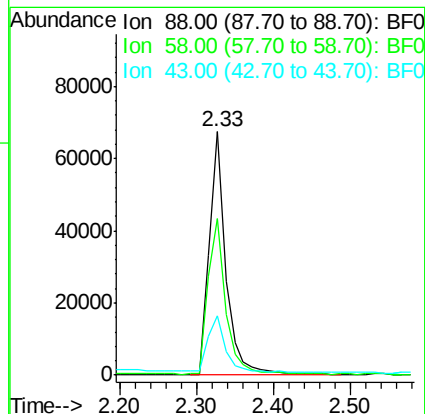
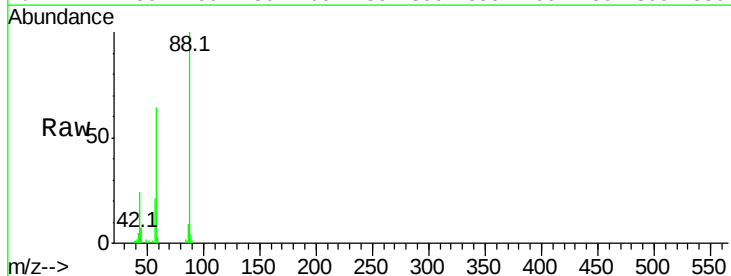
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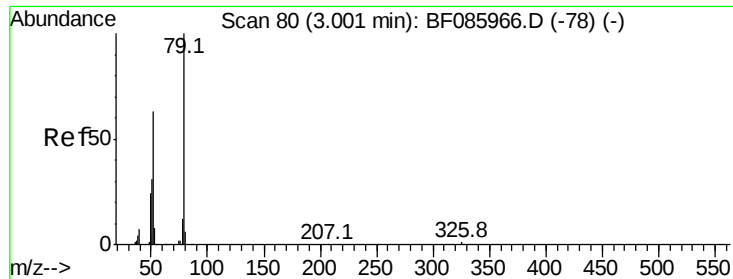


#2

1,4-Dioxane
Concen: 32.54 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	54.2	81.2
43	24.1	19.3	28.9





#3

Pvridine

Concen: 38.77 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

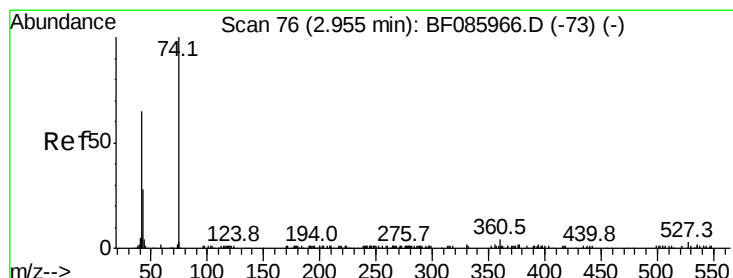
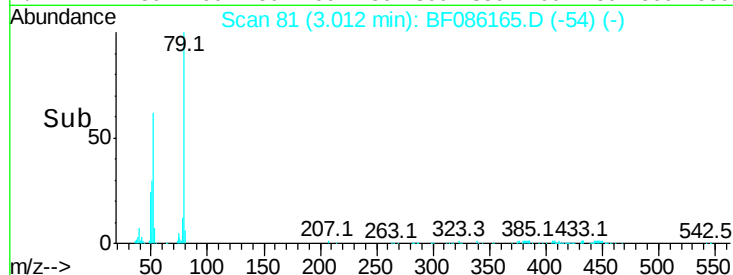
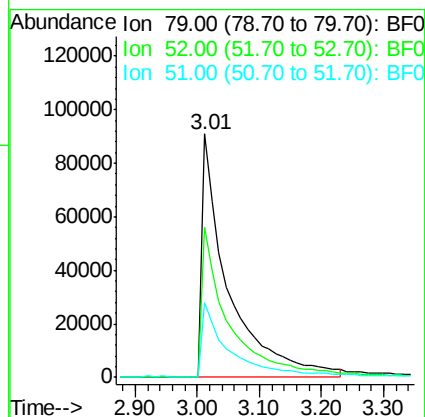
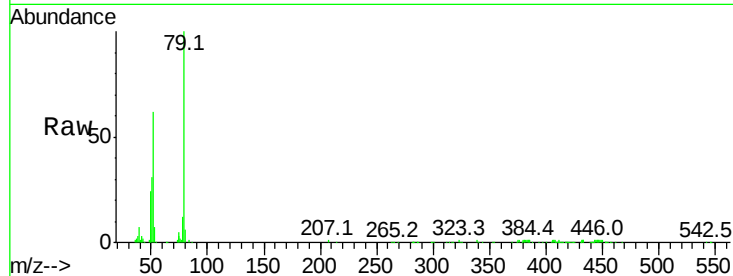
ClientSampleId :

PB89567BSD

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Tot Ion:	79	Resp:	268764
Ion Ratio	Lower	Upper	
79	100		
52	61.7	49.8	74.6
51	30.8	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 38.66 ng

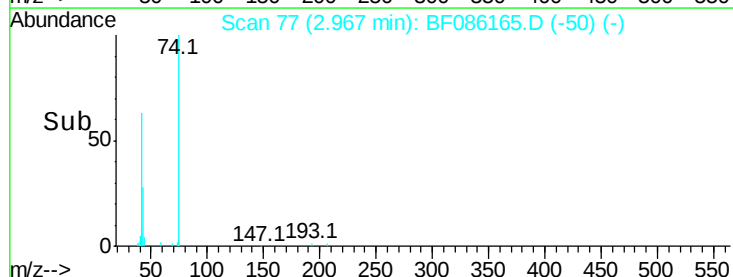
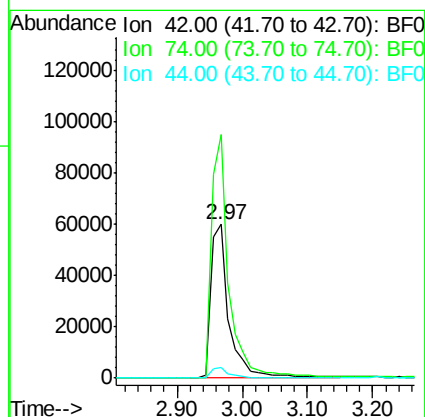
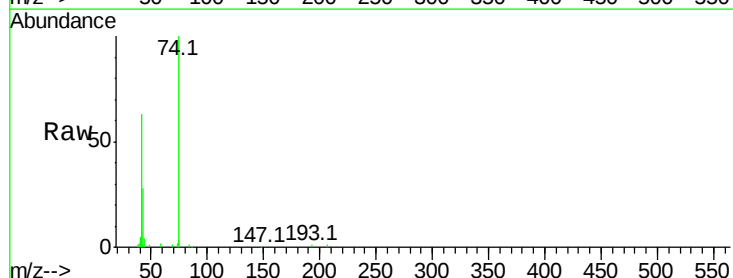
RT: 2.97 min Scan# 77

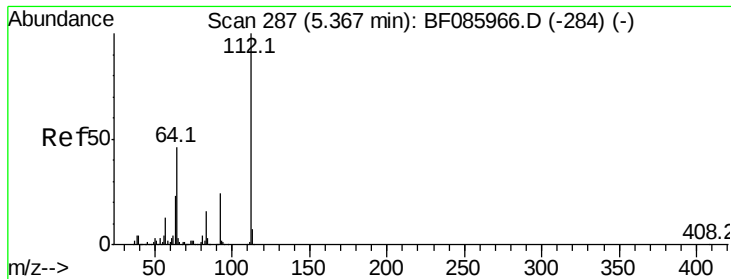
Delta R.T. 0.01 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	42	Resp:	117855
Ion Ratio	Lower	Upper	
42	100		
74	158.7	121.4	182.2
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 112.41 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

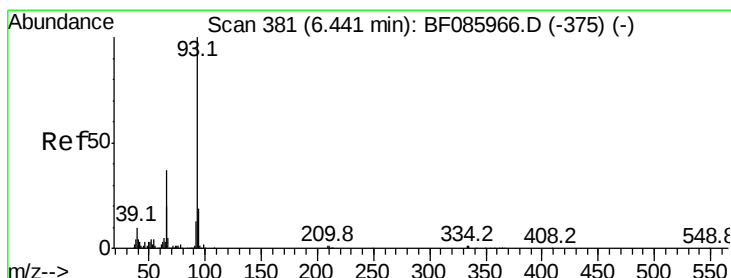
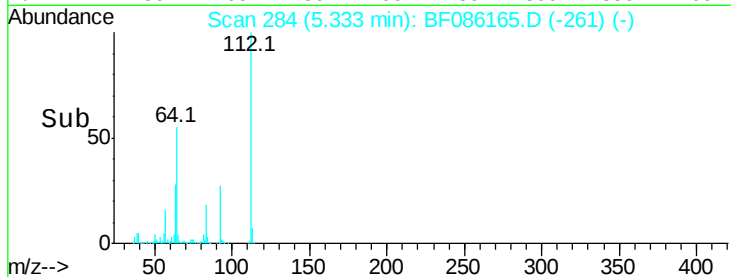
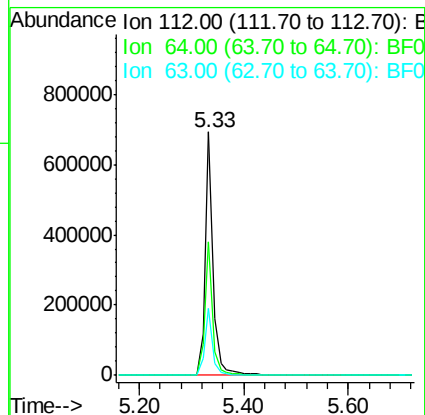
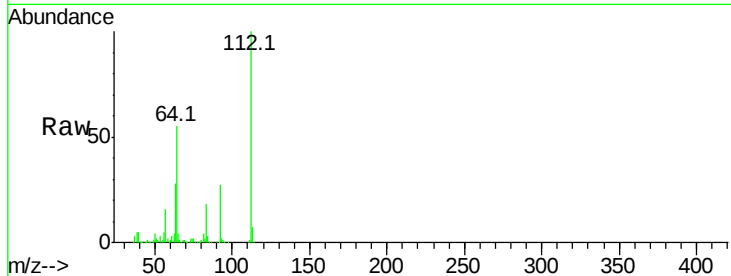
ClientSampleId :

PB89567BSD

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Tot Ion:	112	Resp:	734194
Ion Ratio	Lower	Upper	
112	100		
64	54.6	39.9	59.9
63	27.5	20.2	30.2



#6

Aniline

Concen: 16.65 ng

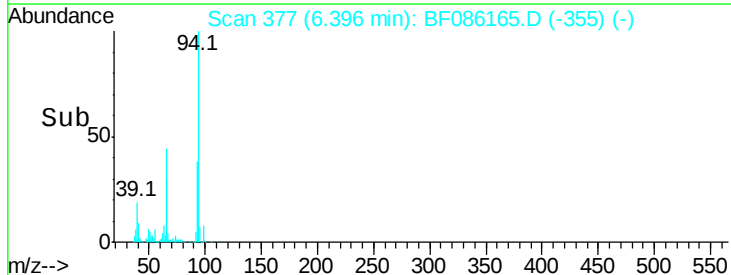
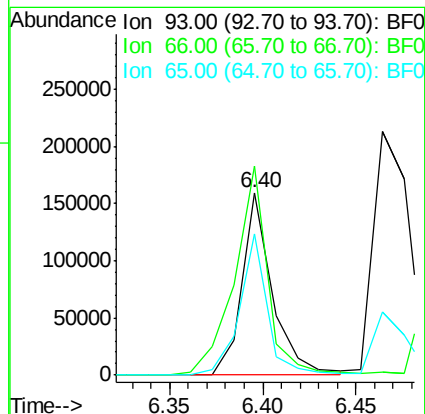
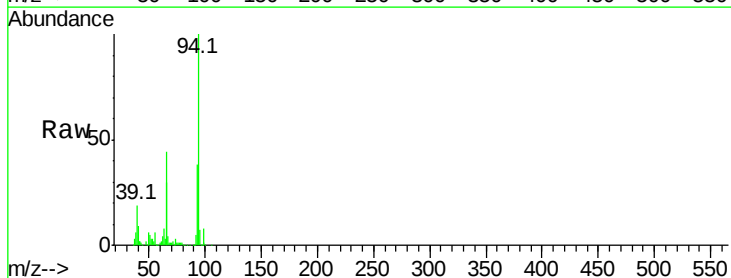
RT: 6.40 min Scan# 377

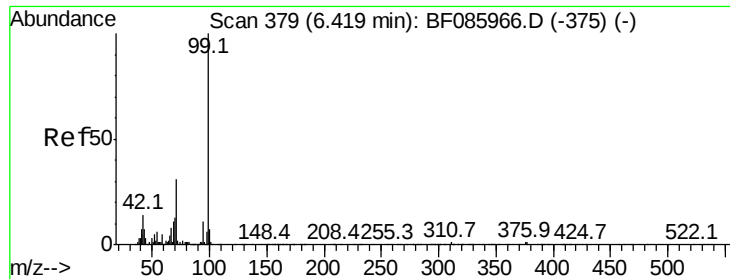
Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	93	Resp:	181243
Ion Ratio	Lower	Upper	
93	100		
66	114.5	31.4	47.2#
65	77.6	15.7	23.5#





#7

Phenol-d6

Concen: 117.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

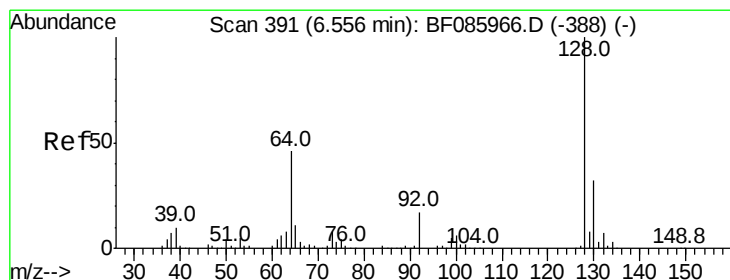
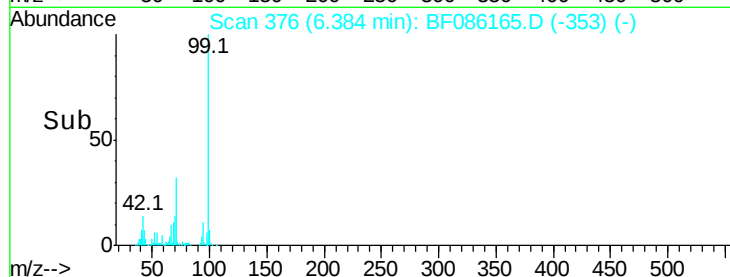
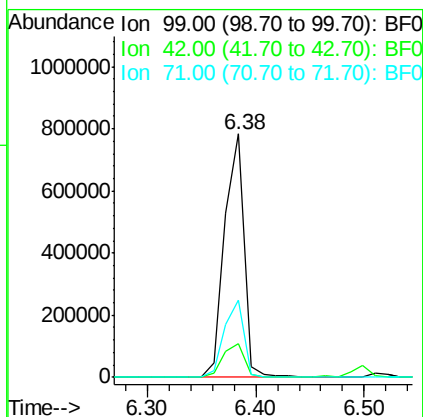
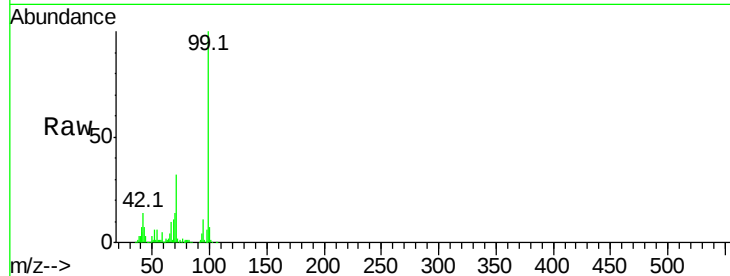
ClientSampleId :

PB89567BSD

Tot Ion:	99	Resp:	975065
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.1	16.7
71	31.7	24.9	37.3

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#8

2-Chlorophenol

Concen: 37.06 ng

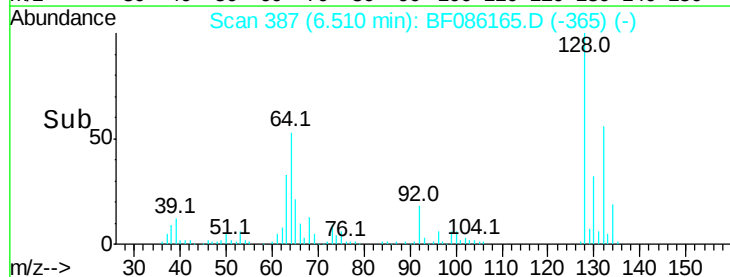
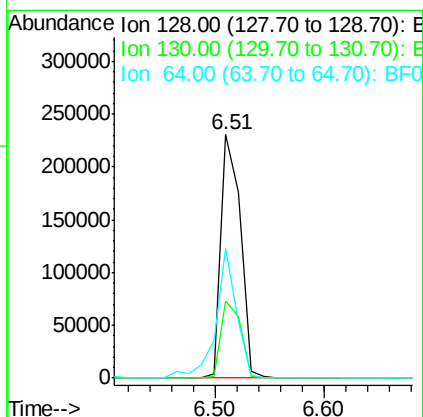
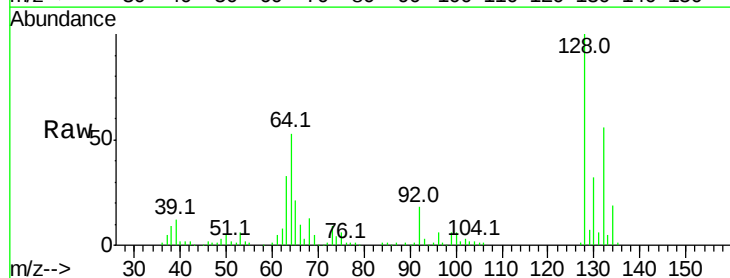
RT: 6.51 min Scan# 387

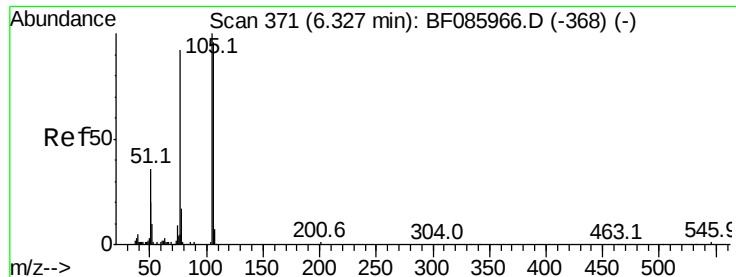
Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	128	Resp:	288678
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.9	52.9
64	53.4	20.2	60.2





#9

Benzaldehyde

Concen: 21.52 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

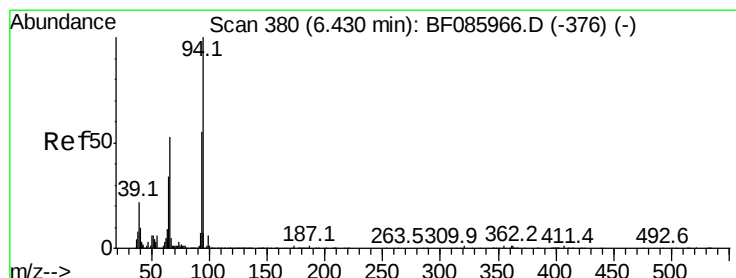
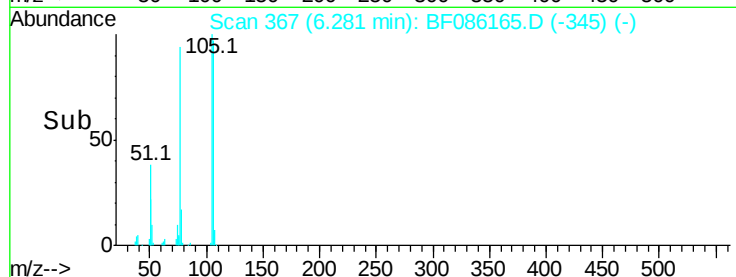
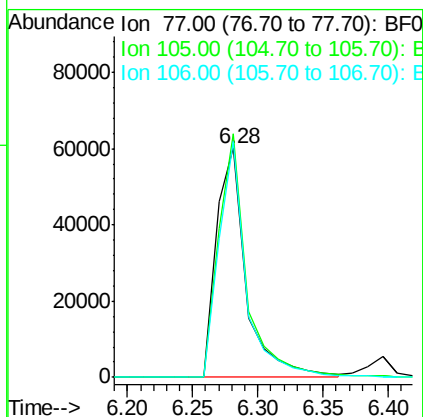
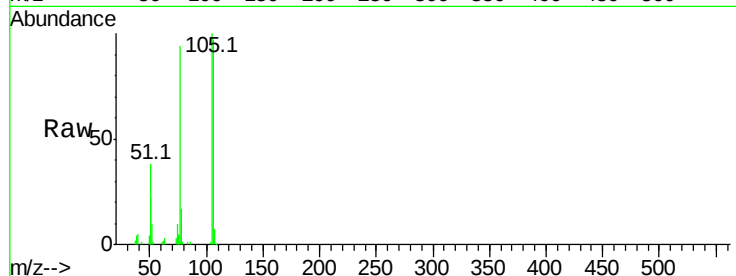
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Tot Ion:	77	Resp:	96045
Ion	Ratio	Lower	Upper
77	100		
105	106.2	80.1	120.1
106	102.9	75.0	115.0



#10

Phenol

Concen: 41.16 ng

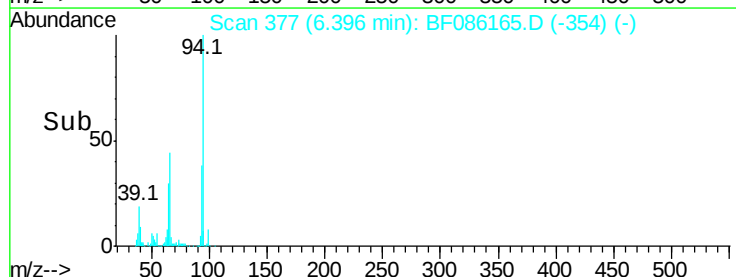
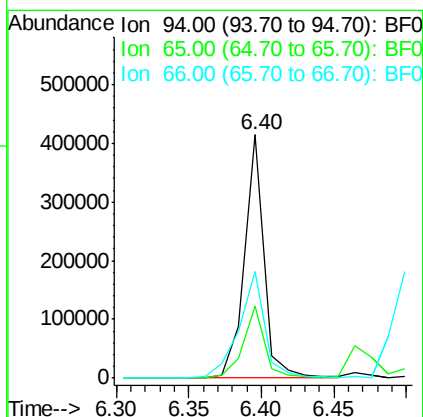
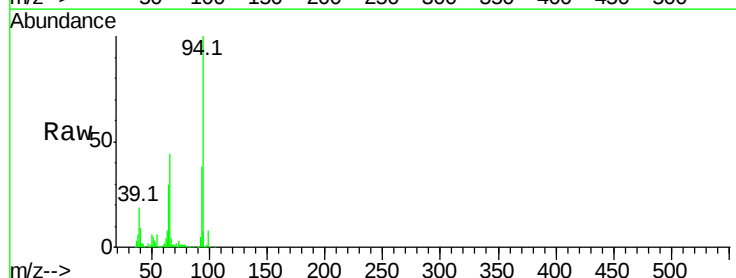
RT: 6.40 min Scan# 377

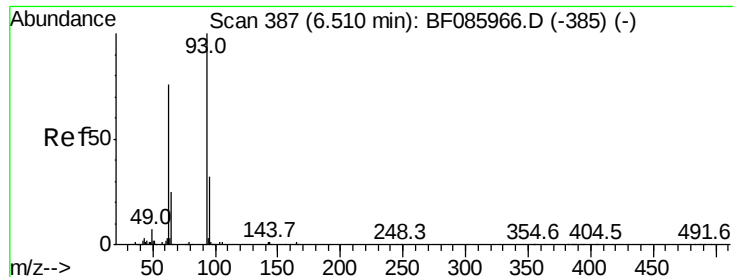
Delta R.T. -0.03 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	94	Resp:	389531
Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.6	48.6
66	44.1	20.0	60.0





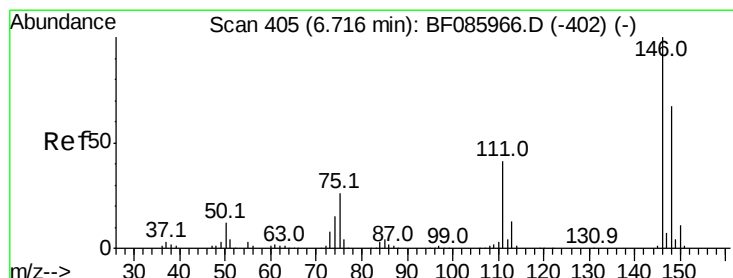
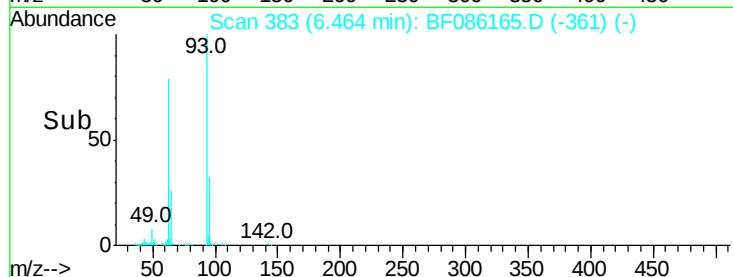
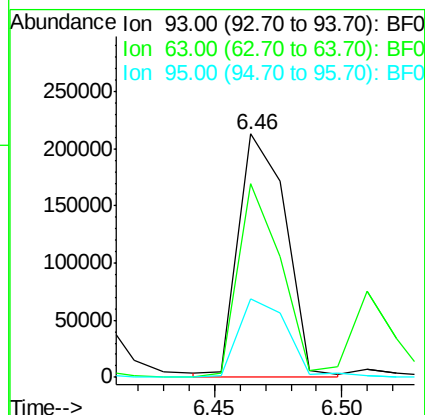
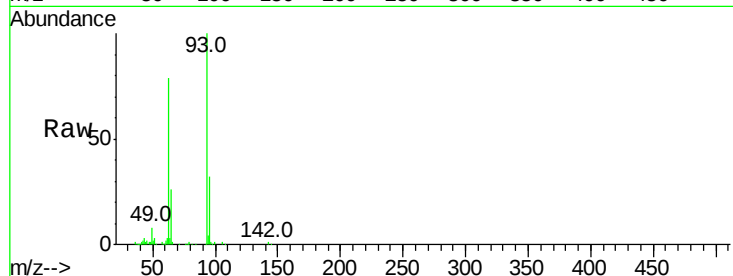
#11
bis(2-Chloroethyl)ether
Concen: 36.44 ng/ml
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	93	Resp	273061
Ion Ratio	Lower	Upper	
93	100		
63	79.4	50.9	90.9
95	32.4	13.3	53.3

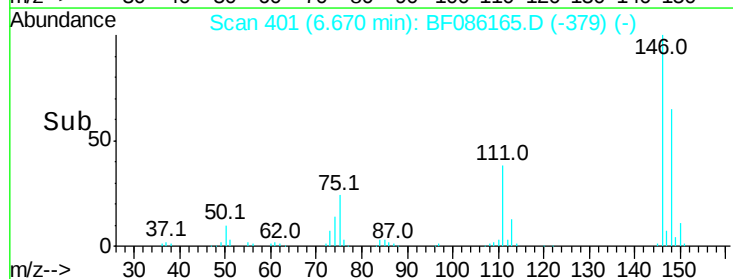
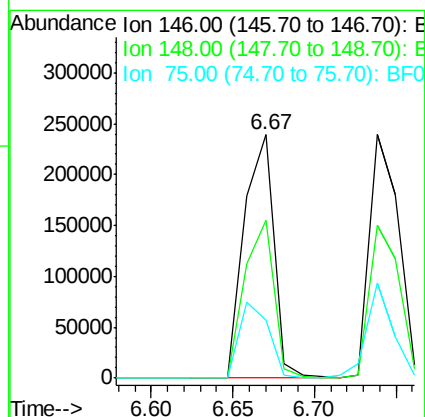
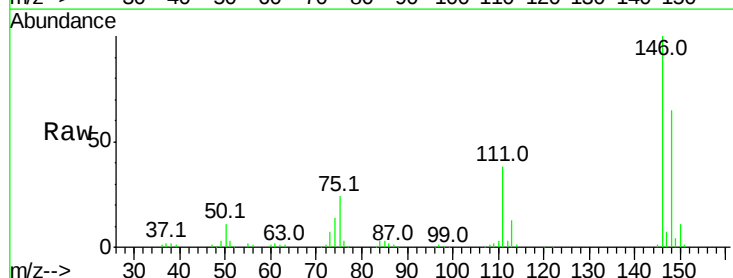
Manual Integrations
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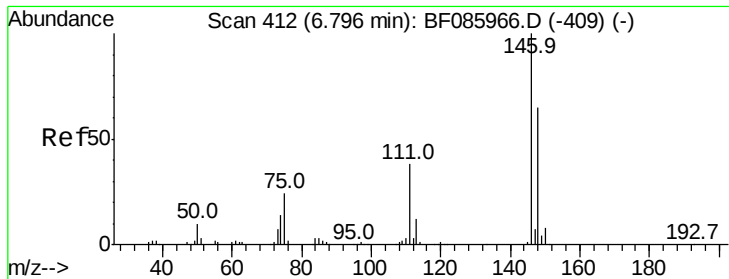
Sohil
4/11/2016 5:45:08 PM



#12
1,3-Dichlorobenzene
Concen: 36.29 ng/ml
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	146	Resp	299607
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
75	23.7	17.4	26.2





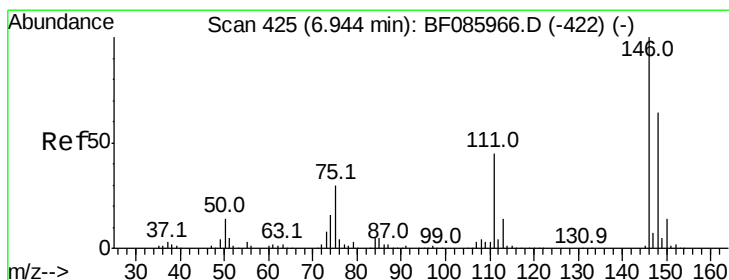
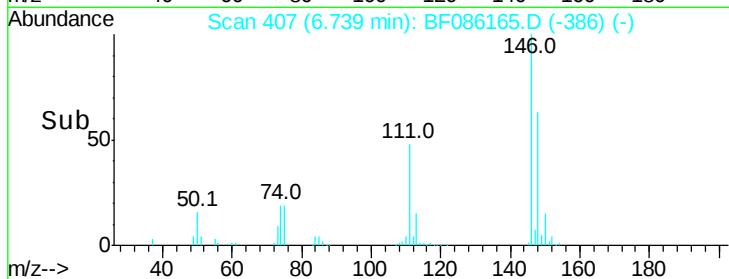
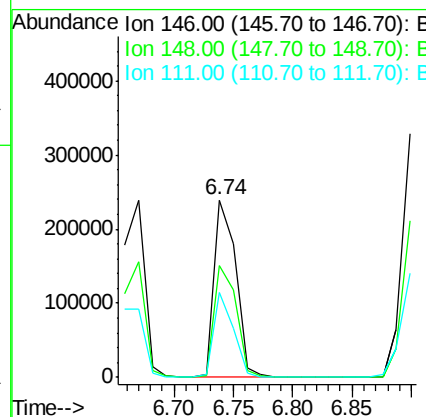
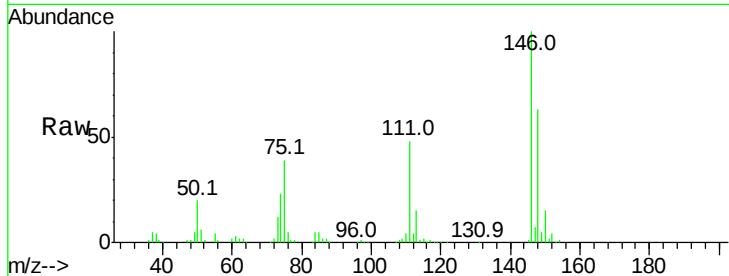
#13
 1,4-Dichlorobenzene
 Concen: 35.72 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	48.2	37.8	56.6

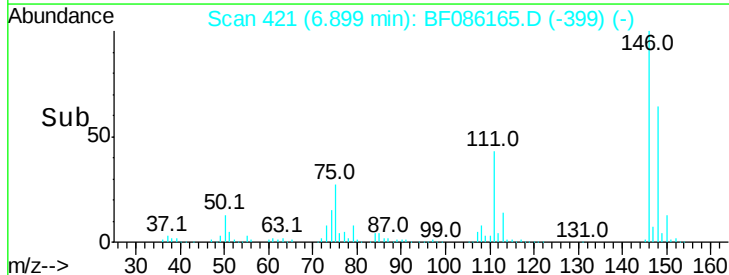
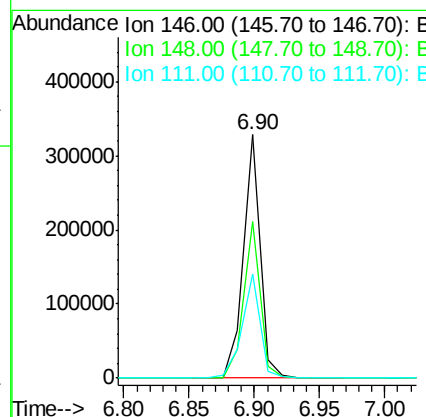
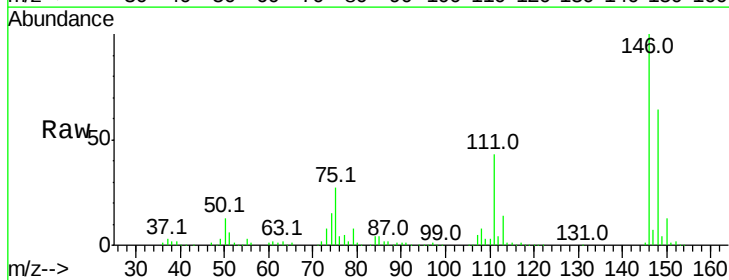
Manual Integrations
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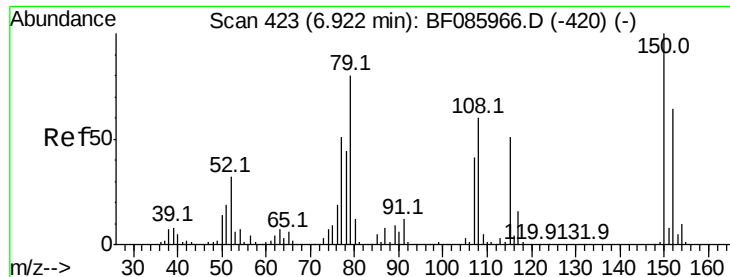
Sohil
 4/11/2016 5:45:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.16 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	42.7	34.6	52.0





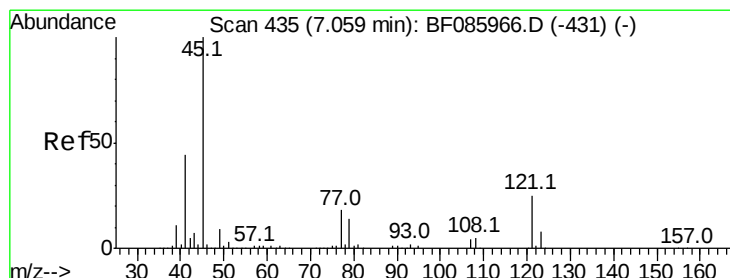
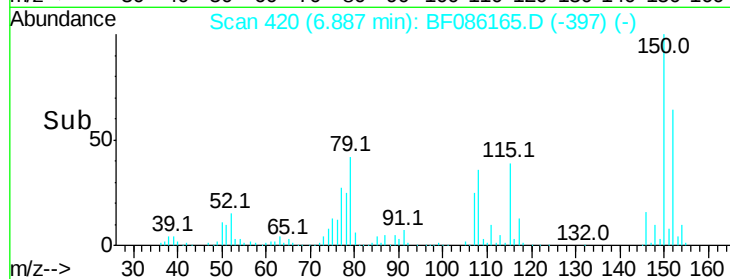
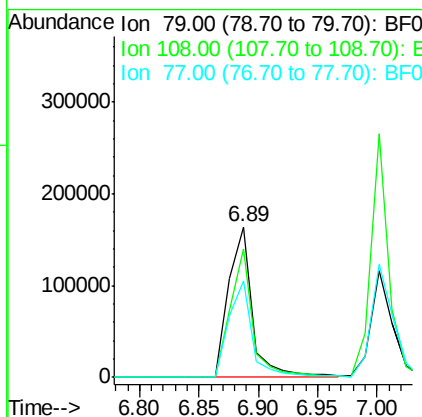
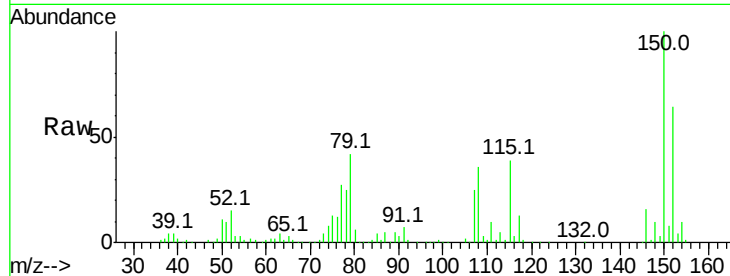
#15
Benzyl Alcohol
Concen: 42.66 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	85.5	61.8	92.6	
77	64.0	49.6	74.4	

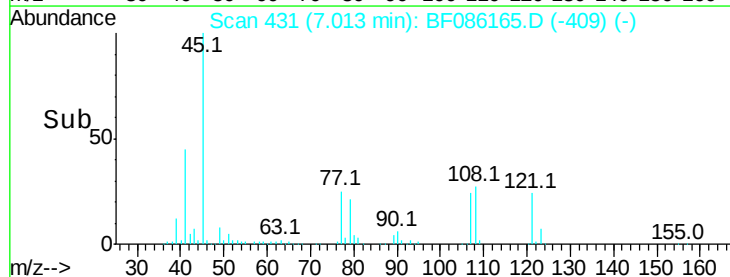
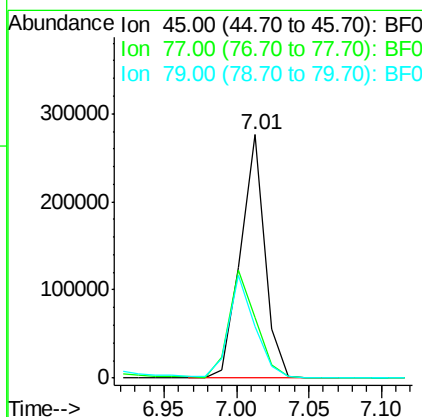
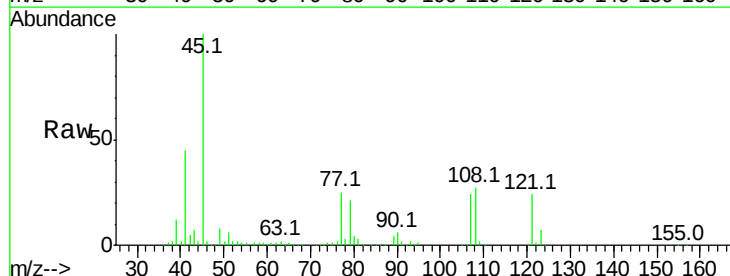
Manual Integrations
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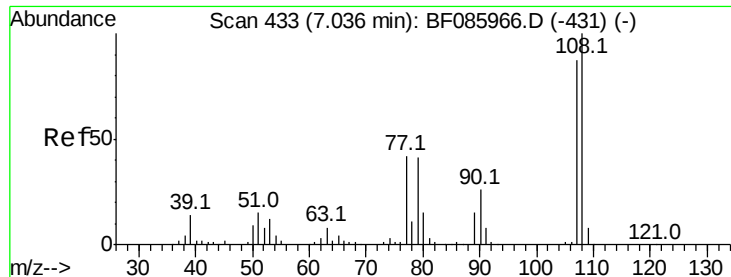
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.08 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.1	0.0	35.7	
79	21.4	0.0	32.2	





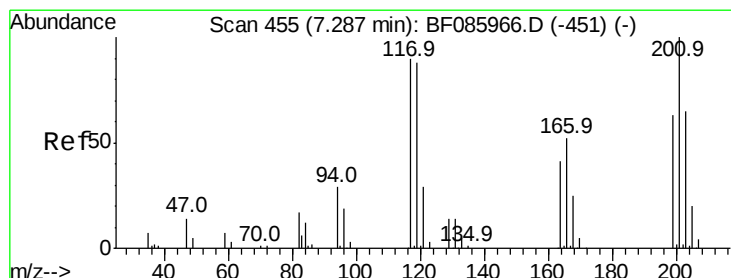
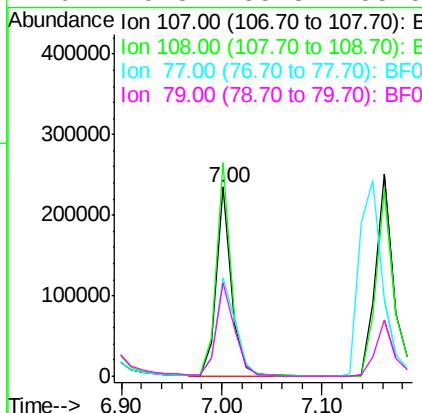
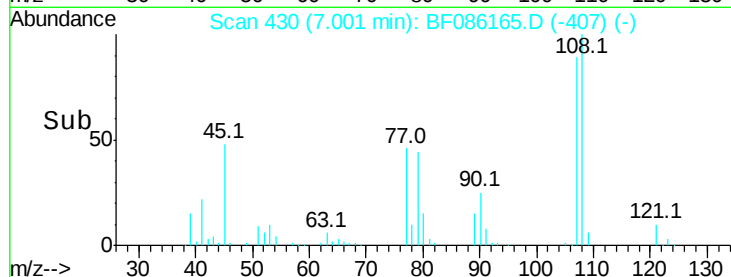
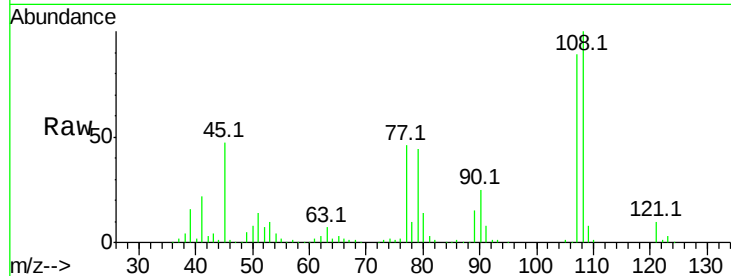
#17
2-Methylphenol
Concen: 39.83 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	244610		
108	112.8	91.4	137.0	
77	52.2	36.2	54.2	
79	49.3	35.8	53.8	

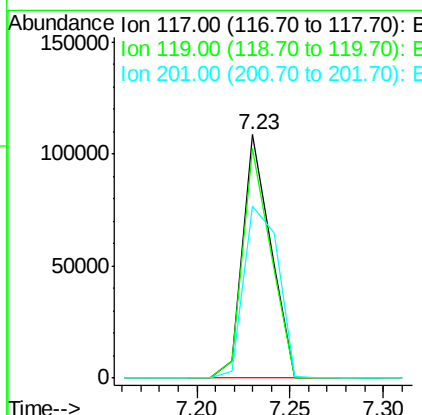
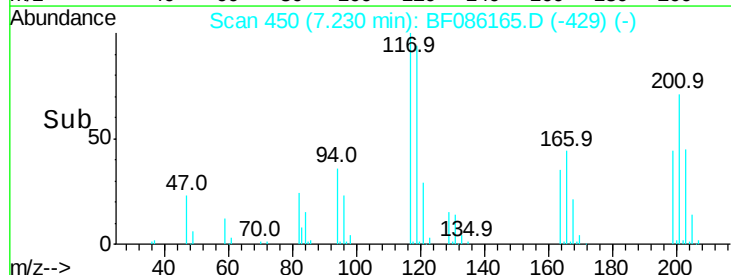
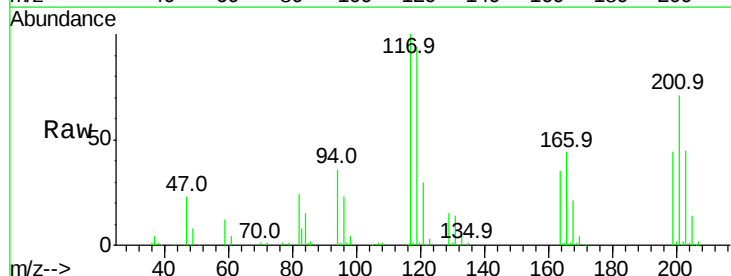
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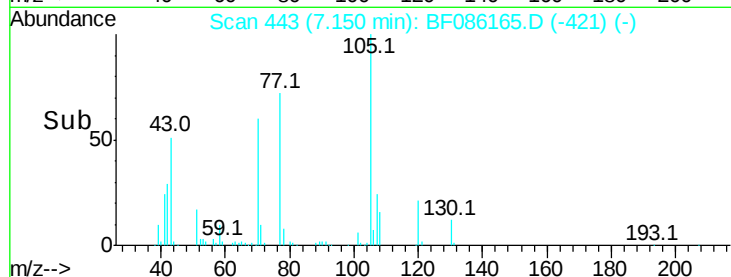
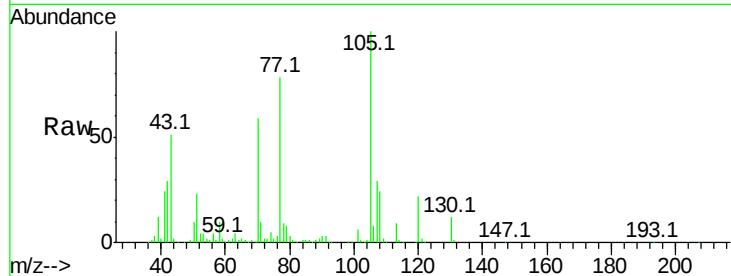
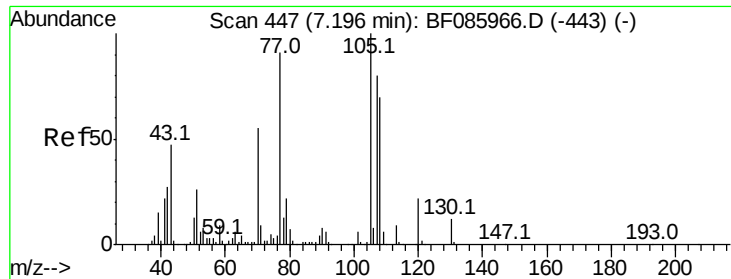
Sohil
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#18
Hexachloroethane
Concen: 36.70 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114793		
119	94.0	76.7	115.1	
201	70.9	83.3	124.9#	





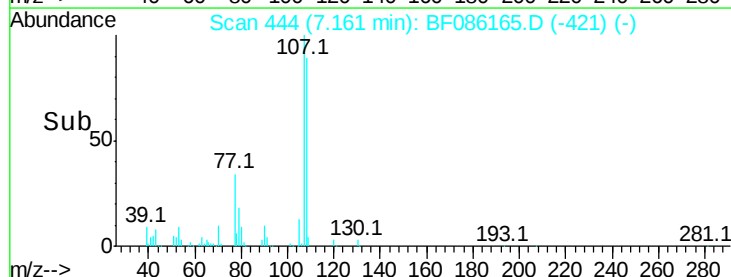
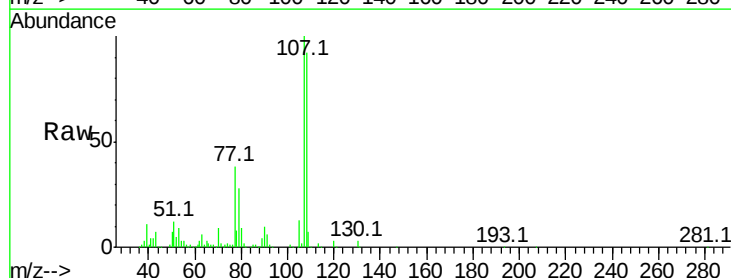
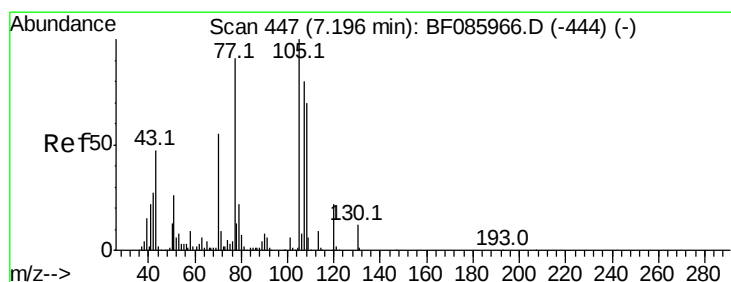
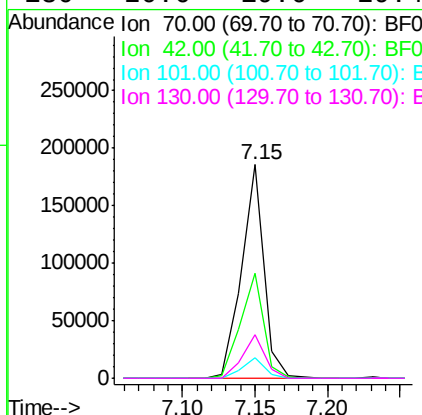
#19
n-Nitroso-di-n-propylamine
Concen: 38.38 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Manual Integrations
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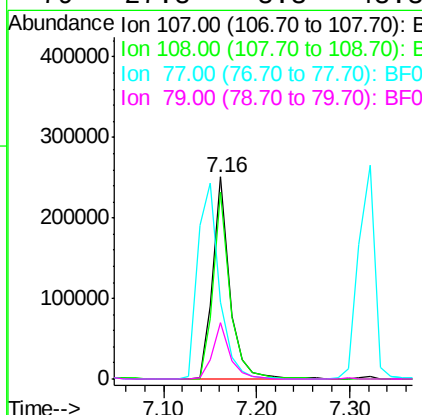
Sohil
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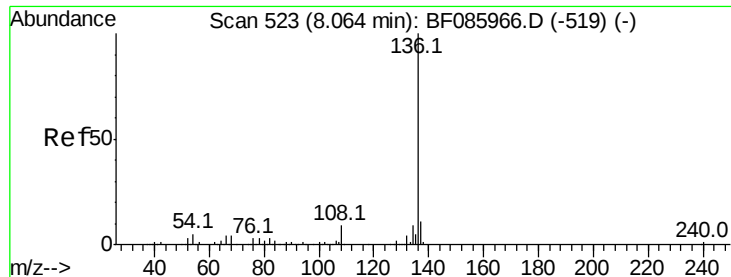
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	37.1	55.7	
101	9.4	8.6	12.8	
130	20.6	19.6	29.4	



#20
3+4-Methylphenols
Concen: 42.90 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	69.3	109.3	
77	38.2	101.7	141.7#	
79	27.8	8.3	48.3	





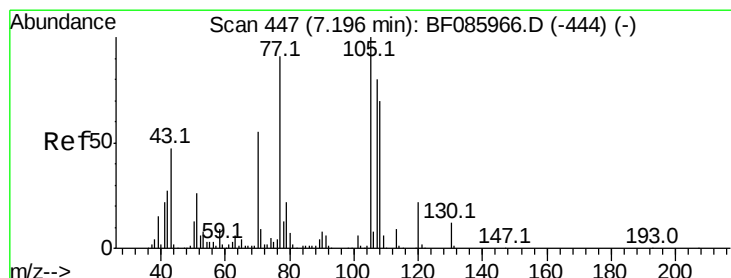
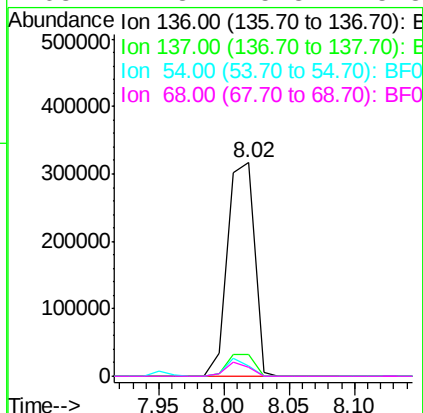
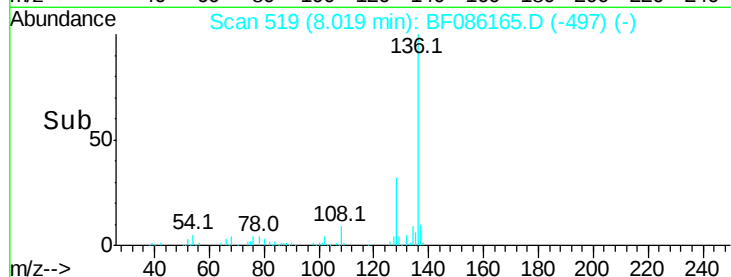
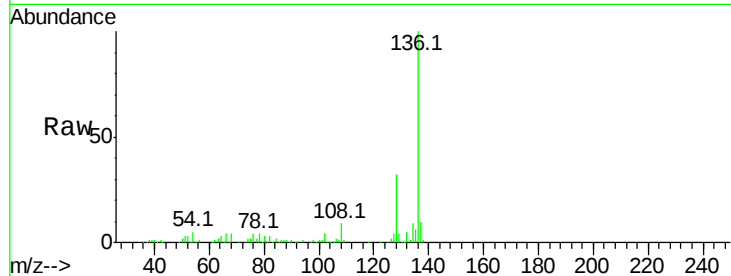
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	5.0	7.4	11.0	
68	4.3	5.8	8.8	

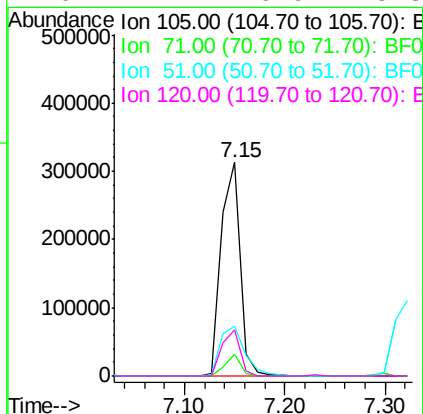
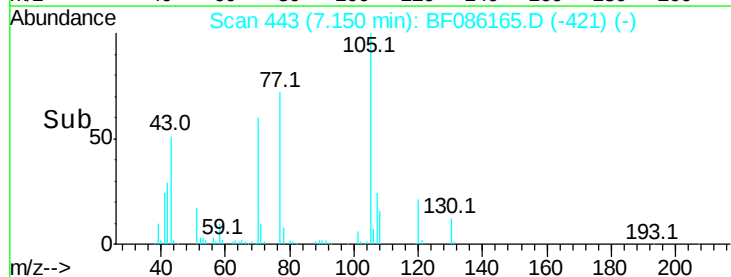
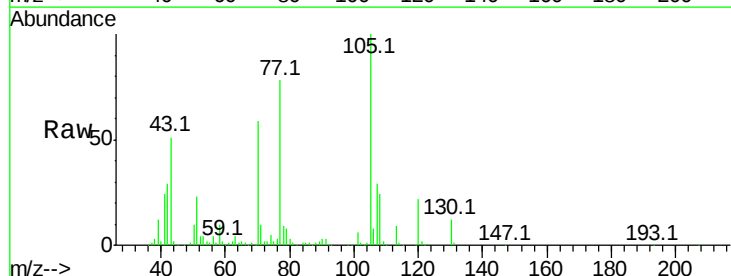
Manual Integrations
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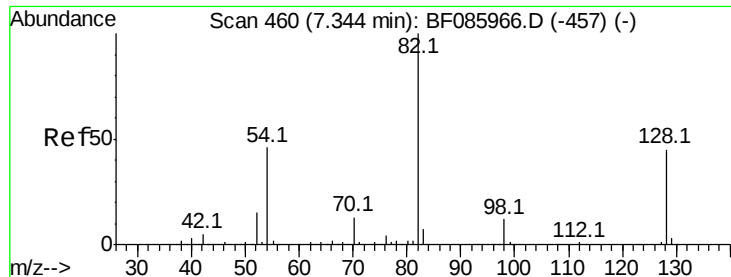
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#22
Acetophenone
Concen: 38.54 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.0	3.6	5.4	
51	23.2	25.4	38.0	
120	21.7	16.9	25.3	





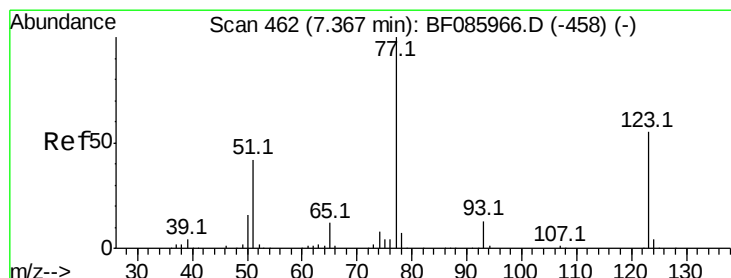
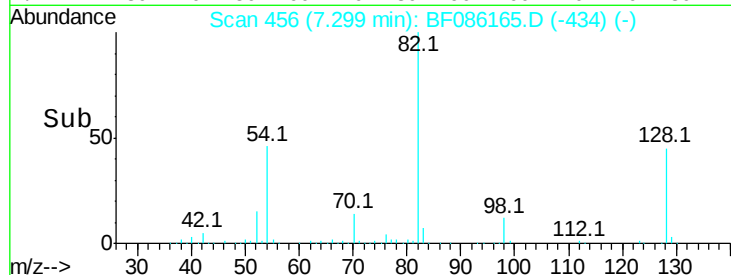
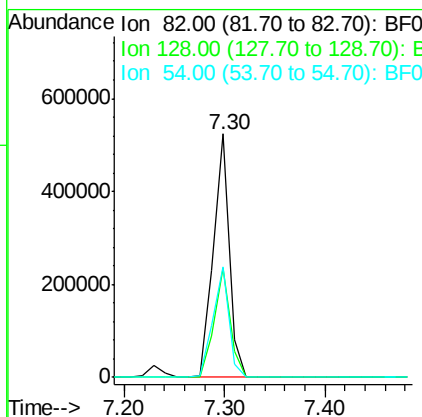
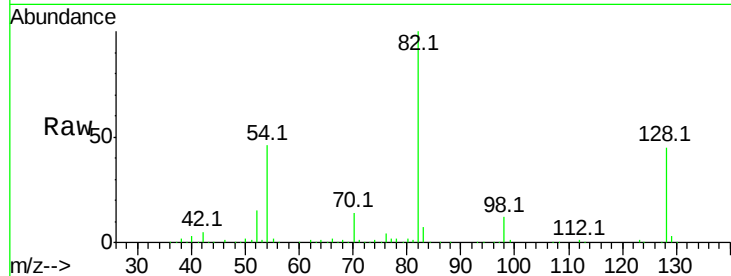
#23
 Nitrobenzene-d5
 Concen: 75.60 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	41.8	62.8
54	45.5	33.4	50.0

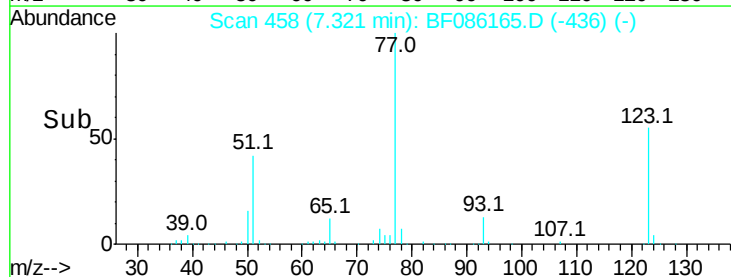
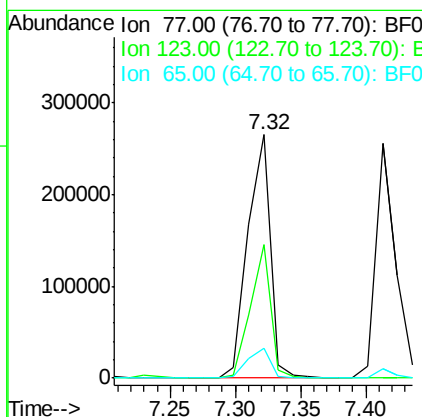
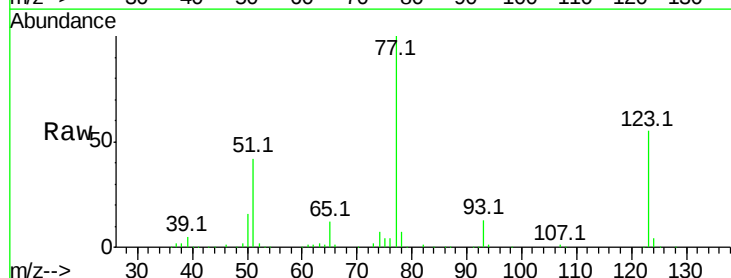
Manual Integrations
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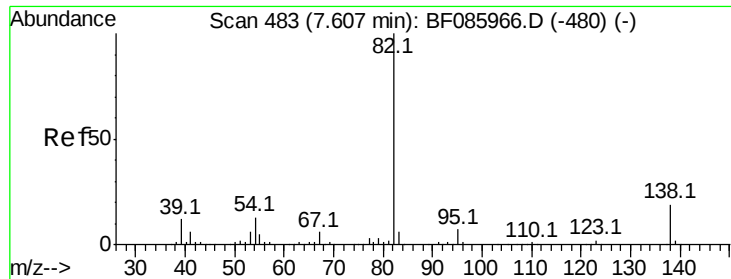
Sohil
 4/11/2016 5:45:08 PM



#24
 Nitrobenzene
 Concen: 37.84 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.8	35.0	52.4#
65	12.3	10.6	16.0





#25

Isophorone

Concen: 38.34 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

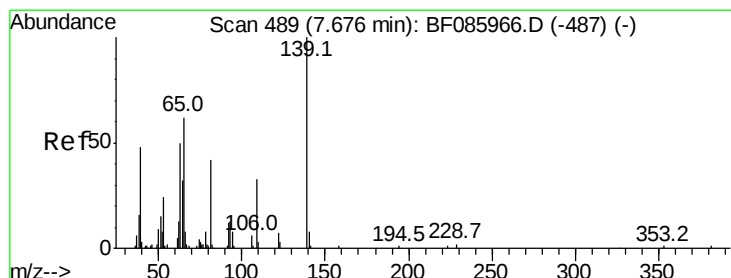
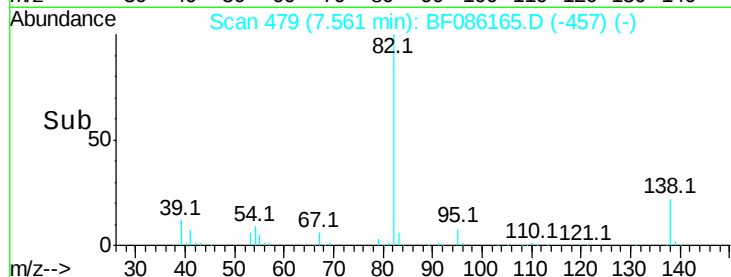
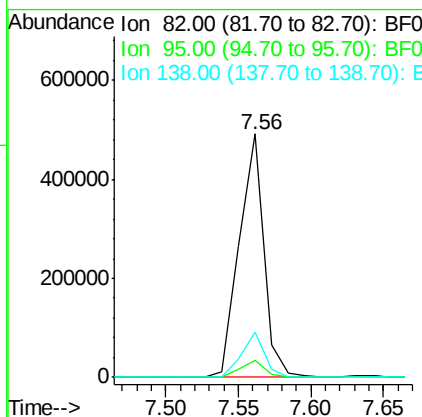
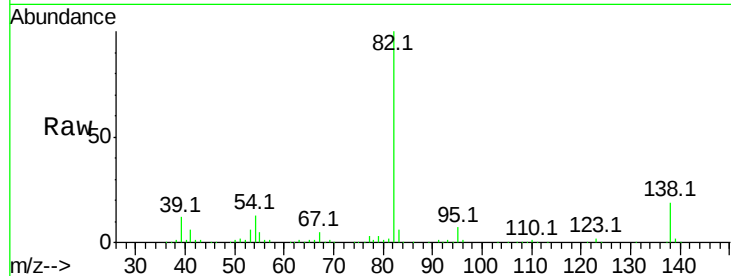
ClientSampleId :

PB89567BSD

Tot Ion:	82	Resp:	580622
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.5	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.06 ng

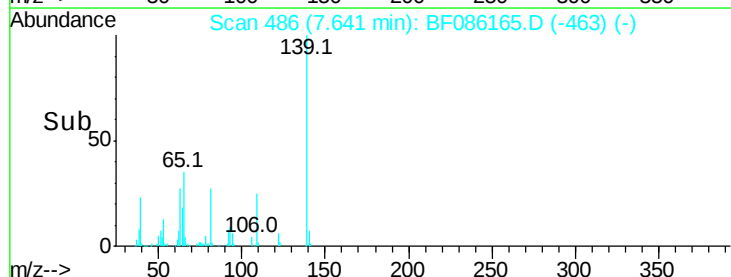
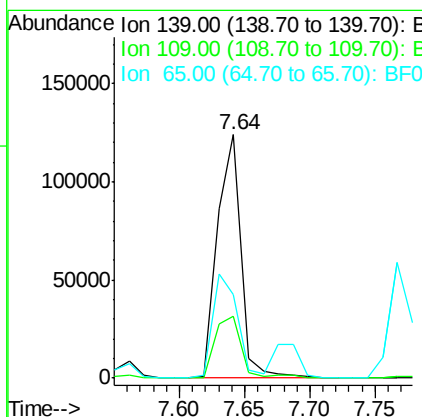
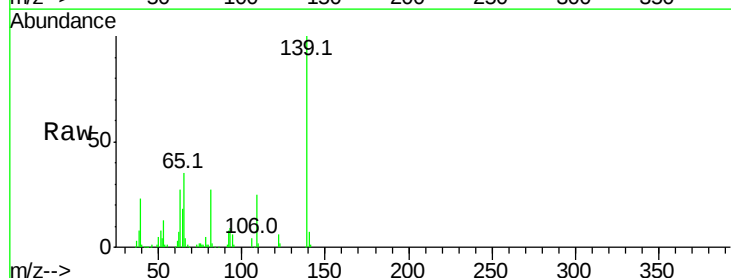
RT: 7.64 min Scan# 486

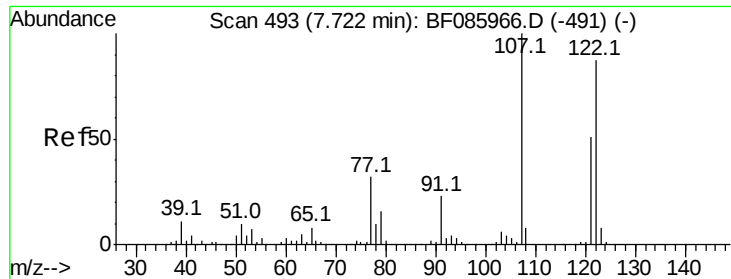
Delta R.T. -0.03 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	139	Resp:	156829
Ion Ratio	Lower	Upper	
139	100		
109	25.3	22.1	33.1
65	34.6	33.9	50.9





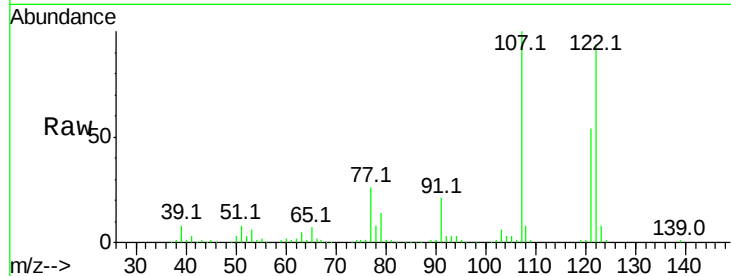
#27
2,4-Dimethylphenol
Concen: 40.12 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

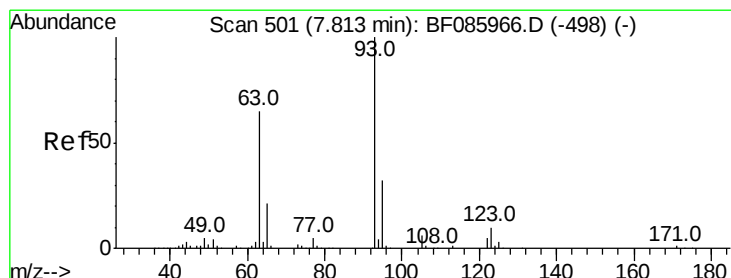
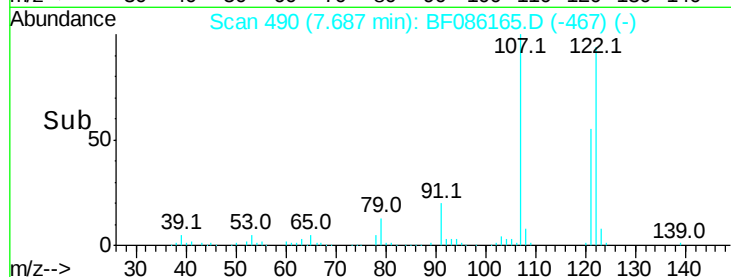
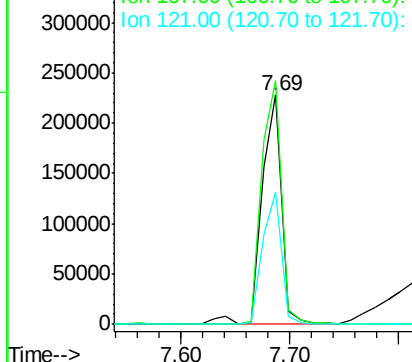
Tot Ion	Ratio	Resp	Lower	Upper
122	100	289357		
107	106.2	93.0	139.6	
121	57.8	45.9	68.9	

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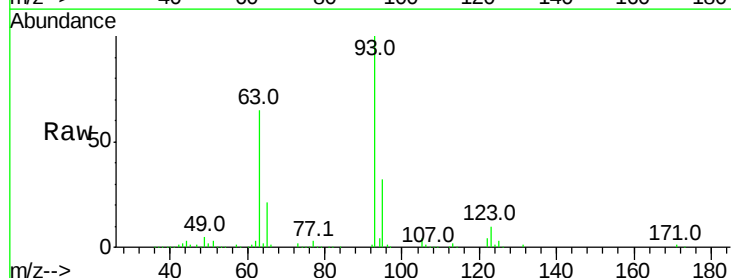


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

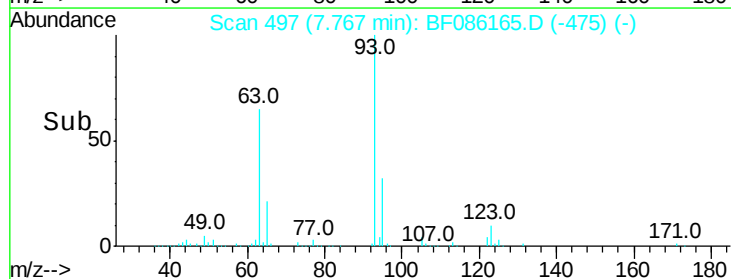
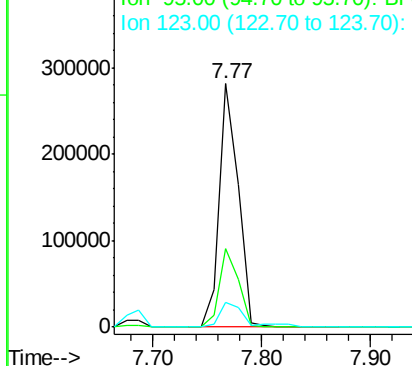


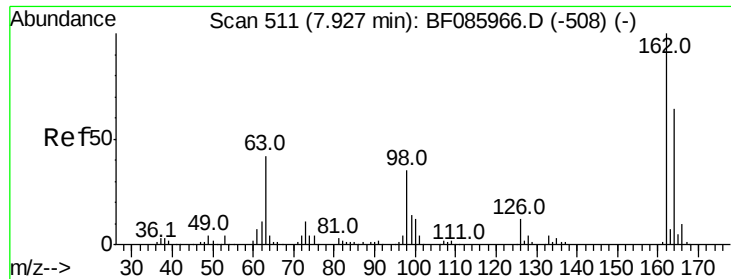
#28
bis(2-Chloroethoxy)methane
Concen: 38.38 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	341055		
95	32.3	26.4	39.6	
123	10.0	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





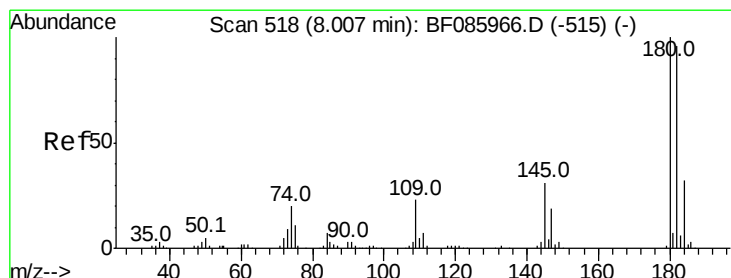
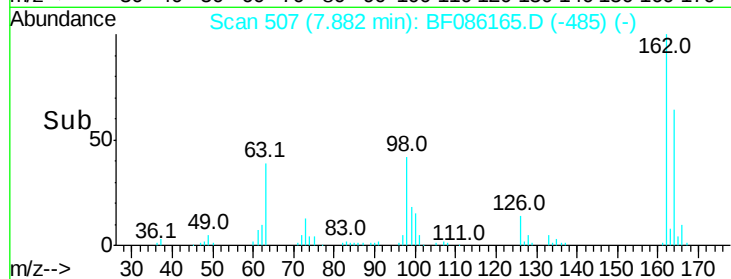
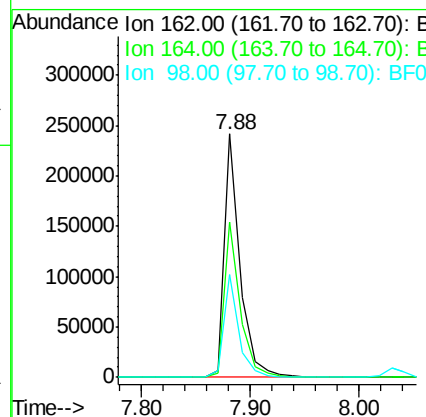
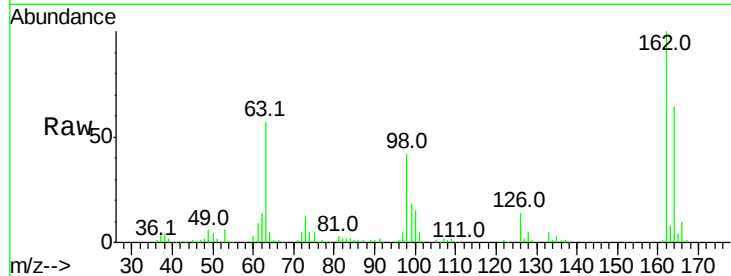
#29
 2,4-Dichlorophenol
 Concen: 40.04 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion:	162	Resp:	244141
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.7	83.7
98	42.3	20.4	60.4

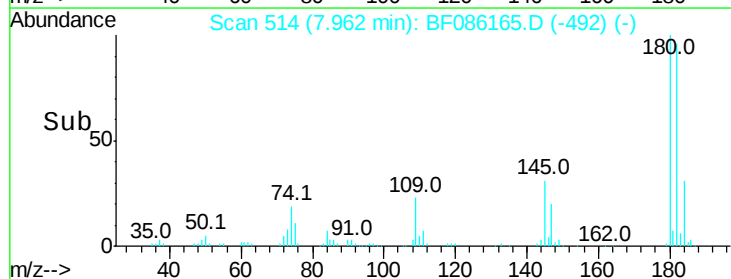
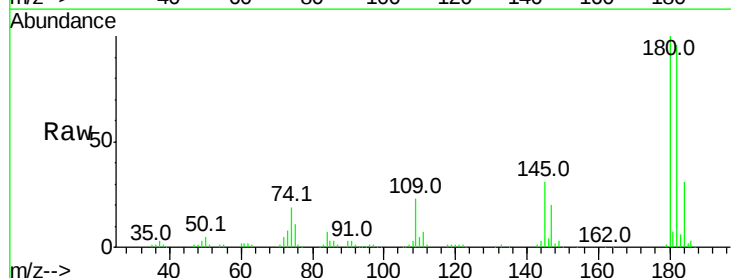
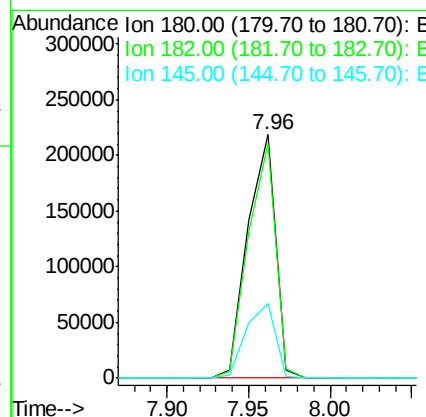
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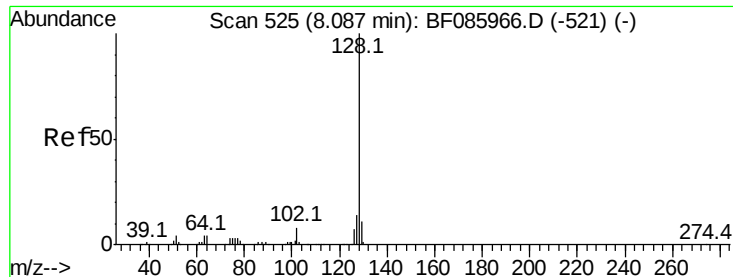
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion:	180	Resp:	257468
Ion Ratio	Lower	Upper	
180	100		
182	96.4	73.8	110.8
145	30.7	28.4	42.6





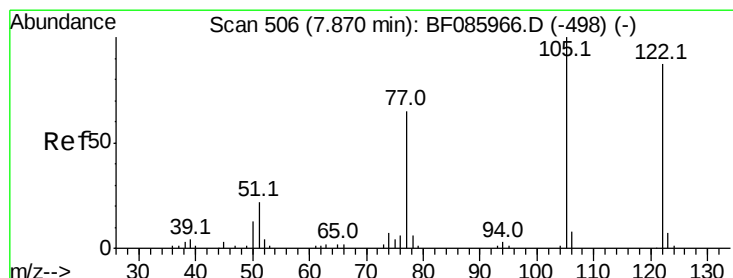
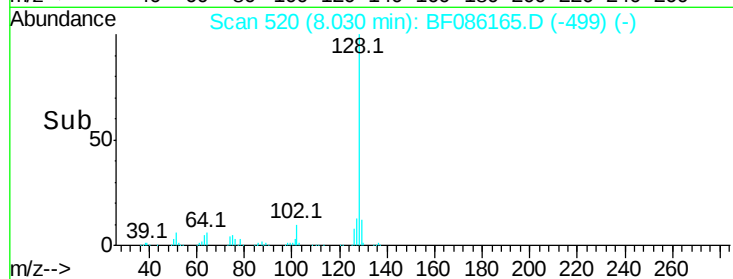
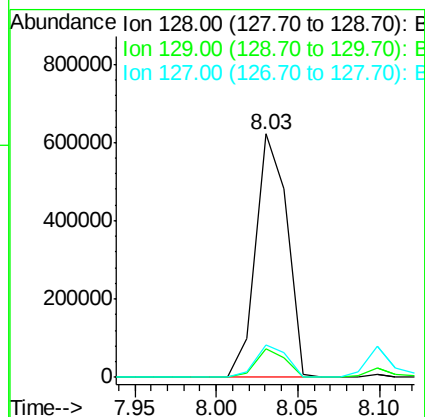
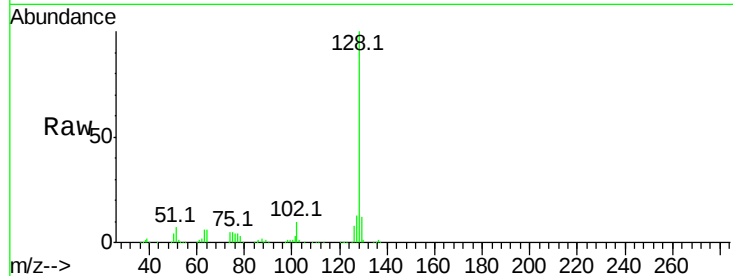
#31
Naphthalene
Concen: 36.69 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion:	128	Resp:	834893
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.4	11.0	16.6

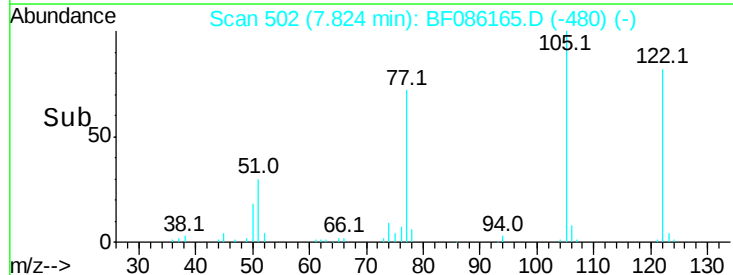
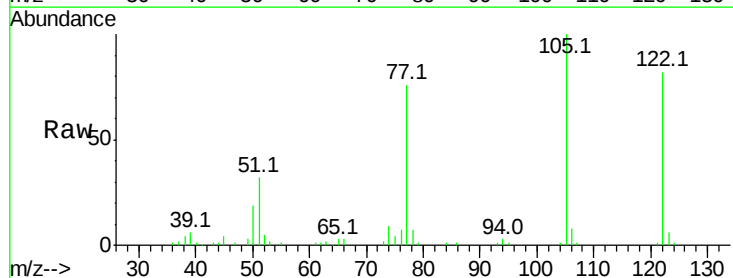
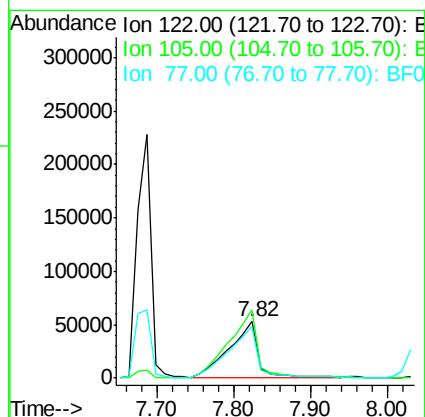
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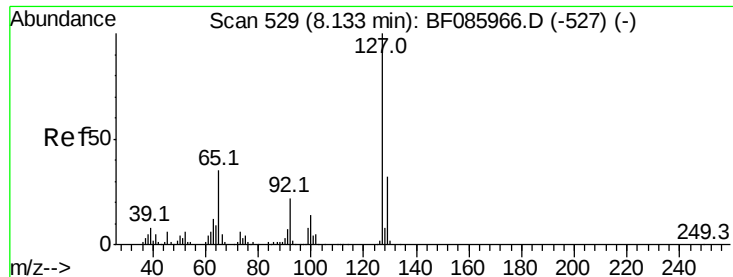
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#32
Benzoic acid
Concen: 25.92 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion:	122	Resp:	137120
Ion Ratio	Lower	Upper	
122	100		
105	121.3	102.9	142.9
77	92.6	71.8	111.8





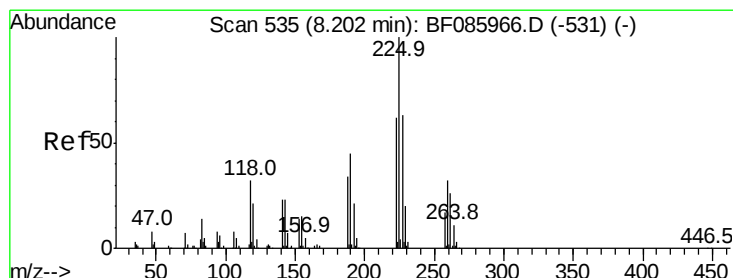
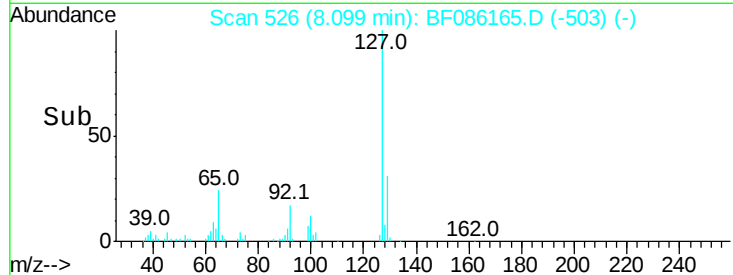
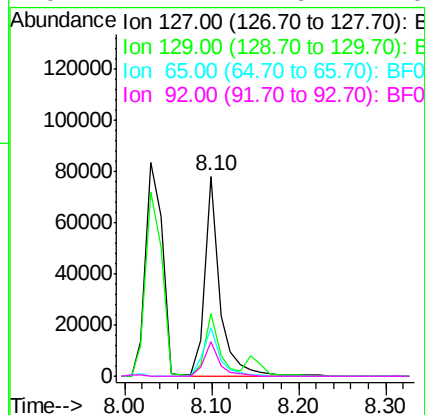
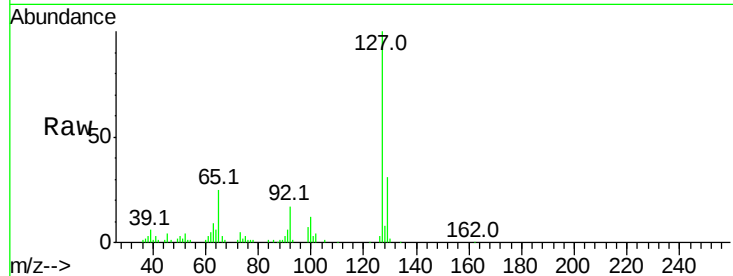
#33
4-Chloroaniline
Concen: 10.24 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.1	39.1		
65	24.6	19.5	29.3		
92	17.4	14.6	22.0		

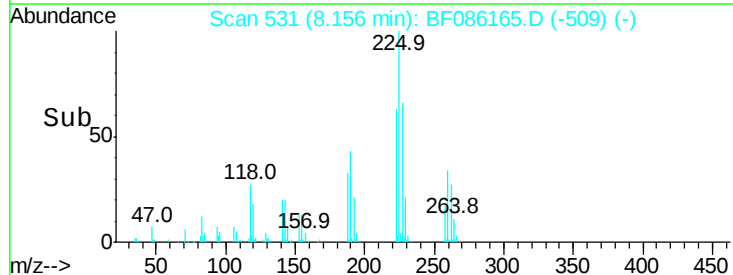
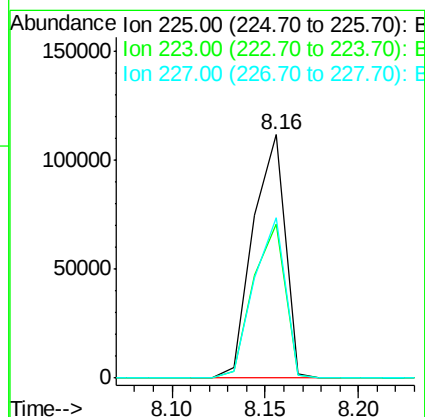
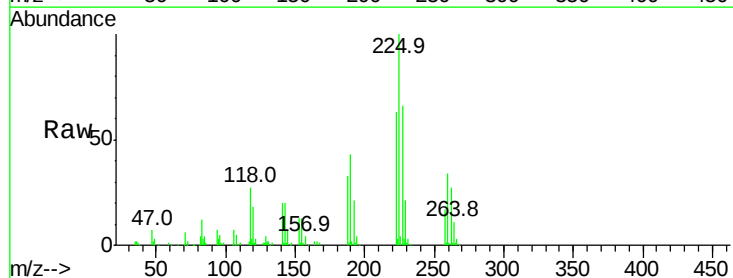
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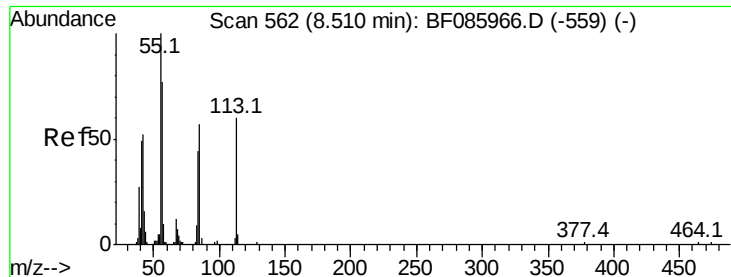
Sohil
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#34
Hexachlorobutadiene
Concen: 36.01 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.4	75.6		
227	65.8	51.4	77.2		





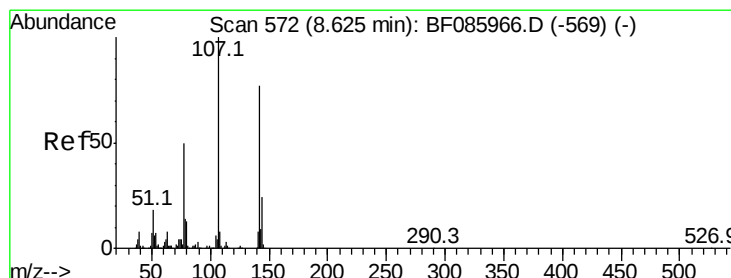
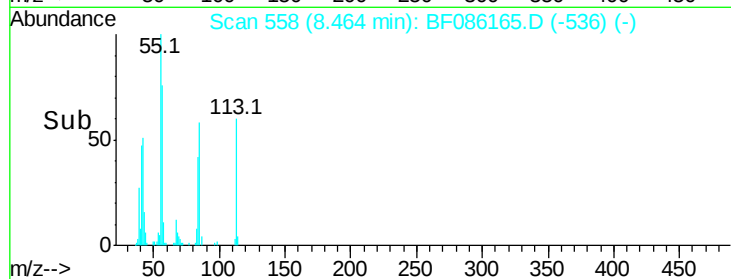
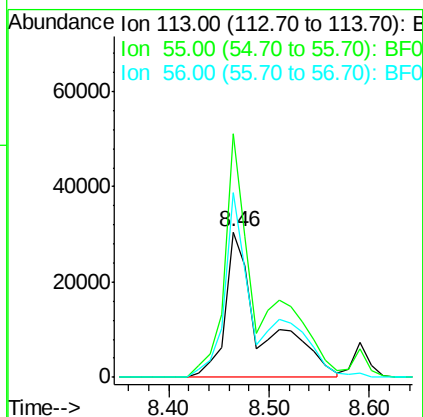
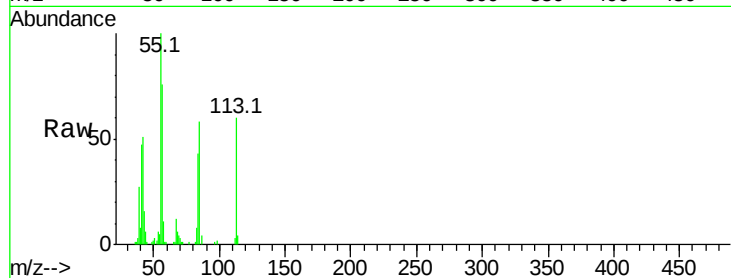
#35
 Caprolactam
 Concen: 40.53 ng/ml
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.7	139.4	179.4
56	127.6	100.4	140.4

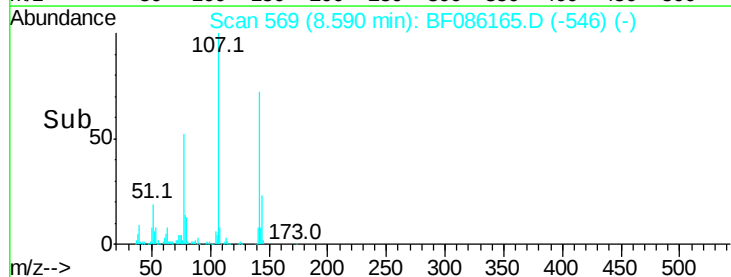
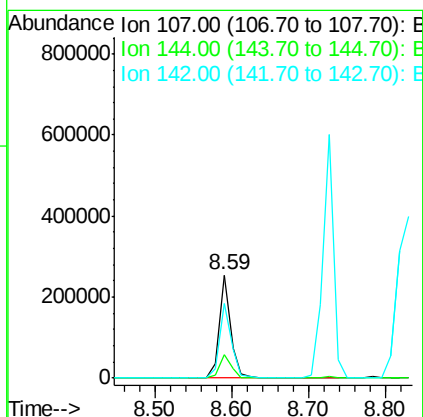
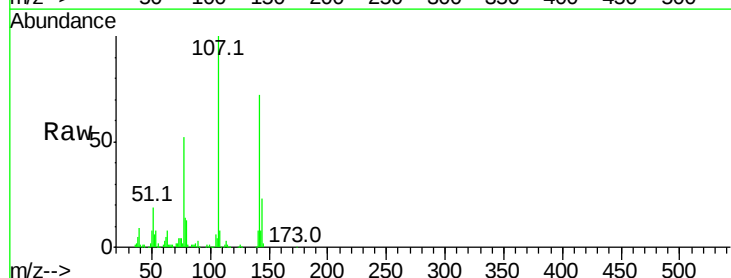
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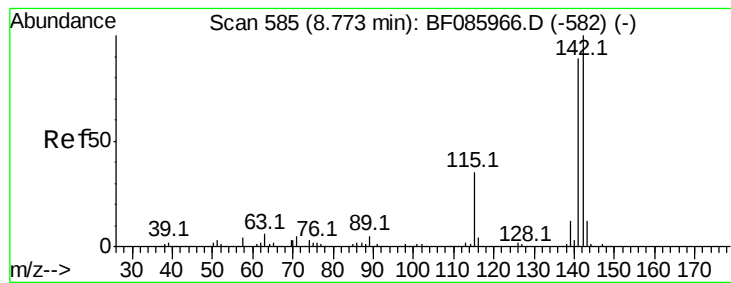
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#36
 4-Chloro-3-methylphenol
 Concen: 38.36 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.3	28.9
142	72.4	61.4	92.0





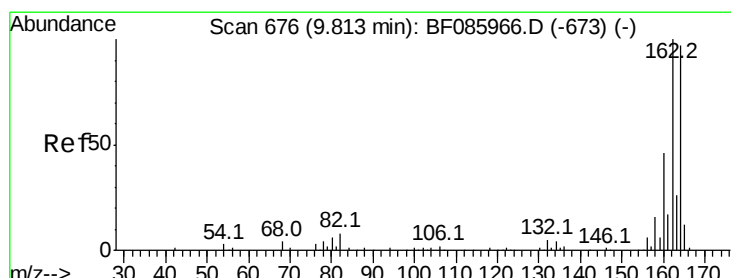
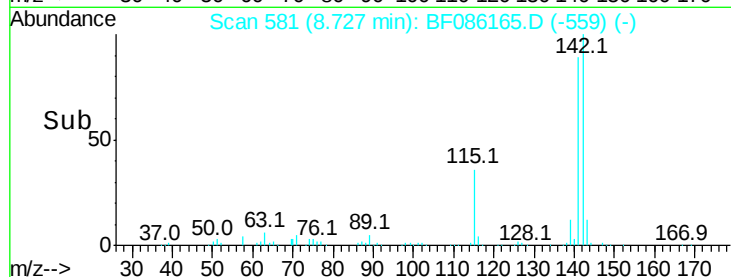
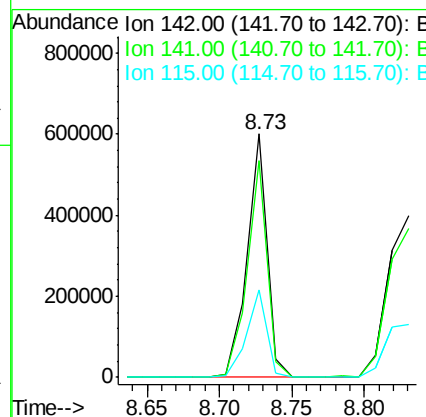
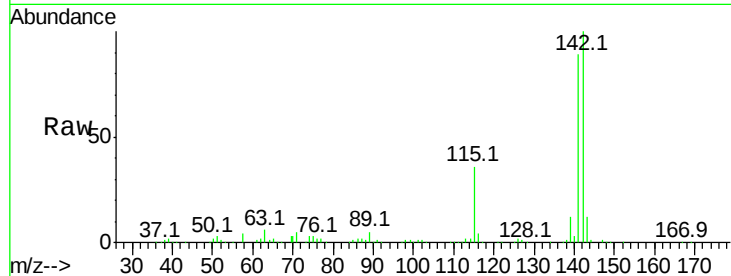
#37
2-Methylnaphthalene
Concen: 38.59 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	573602		
141	89.3		71.6	107.4
115	35.9		26.8	40.2

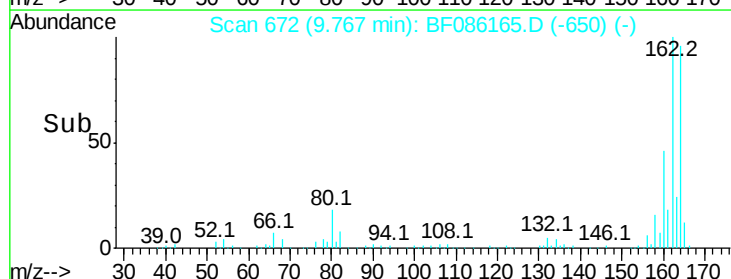
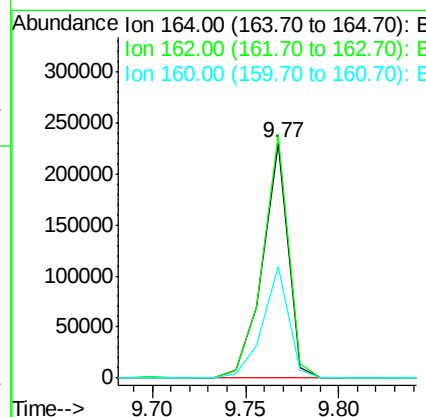
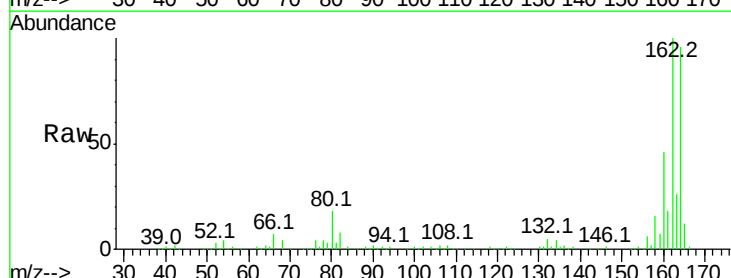
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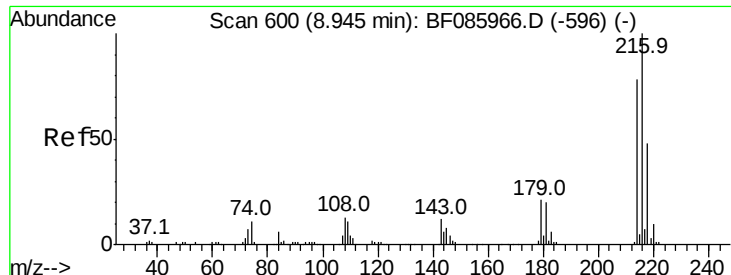
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	217893		
162	103.7		82.1	123.1
160	47.6		37.4	56.2





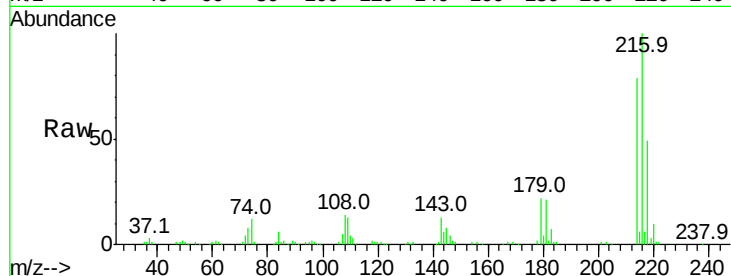
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.89 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

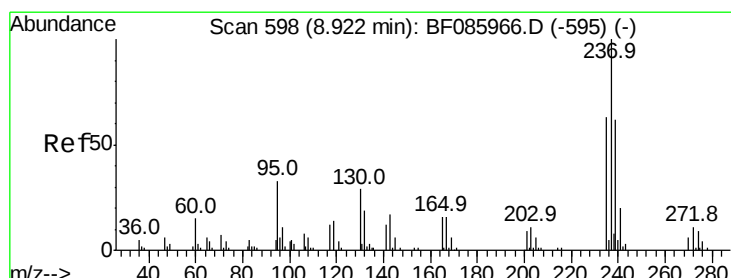
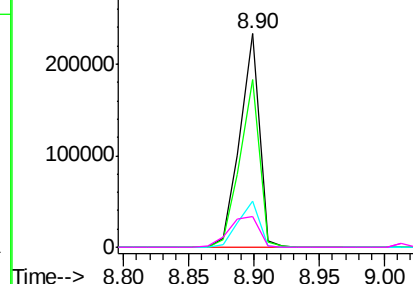
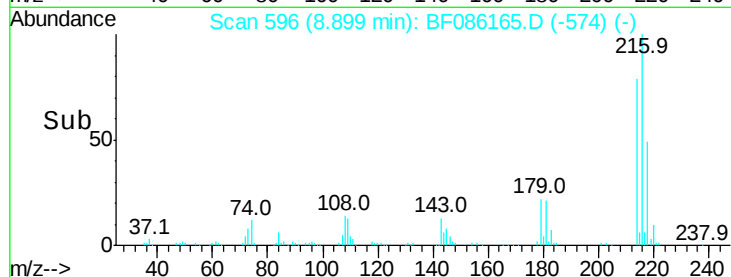
Tot Ion	Ratio	Resp	Lower	Upper
216	100	241567		
214	78.9	63.1	94.7	
179	23.1	18.2	27.2	
108	22.2	17.3	25.9	

Manual Integrations
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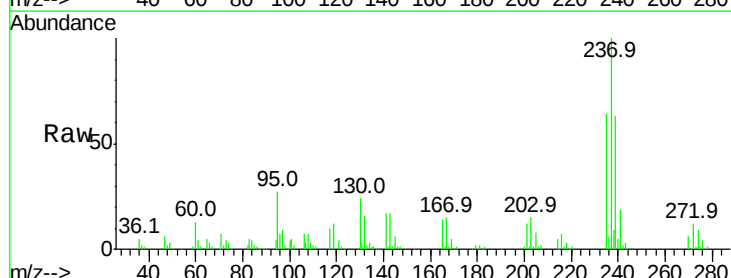


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

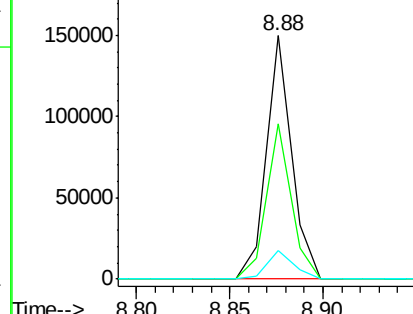
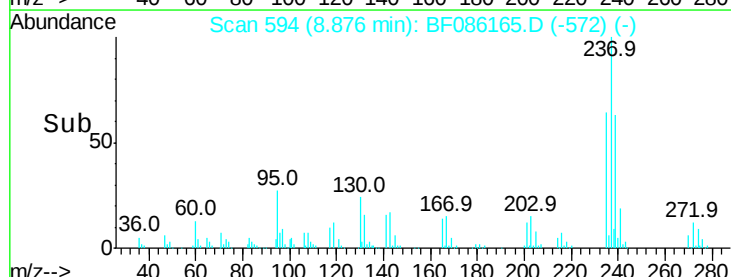


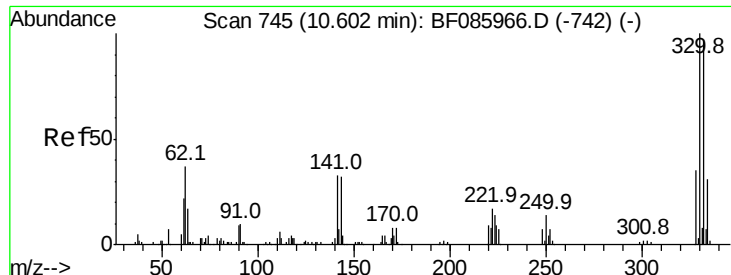
#40
Hexachlorocyclopentadiene
Concen: 64.31 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	139791		
235	63.7	43.7	83.7	
272	11.6	0.0	31.9	



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





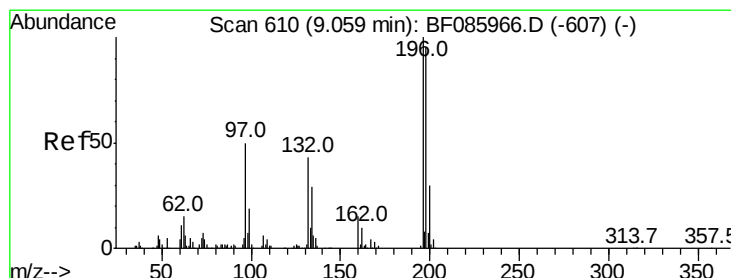
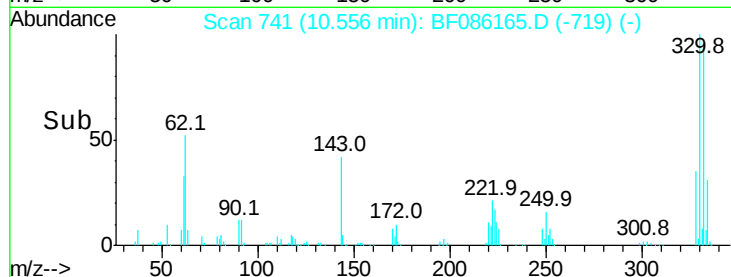
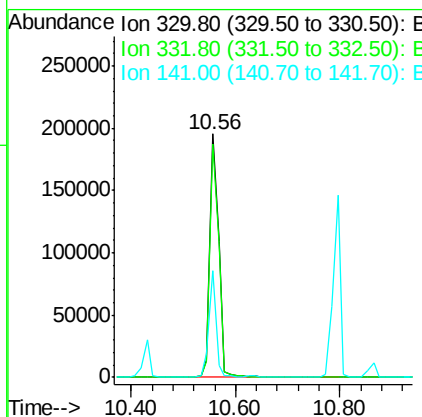
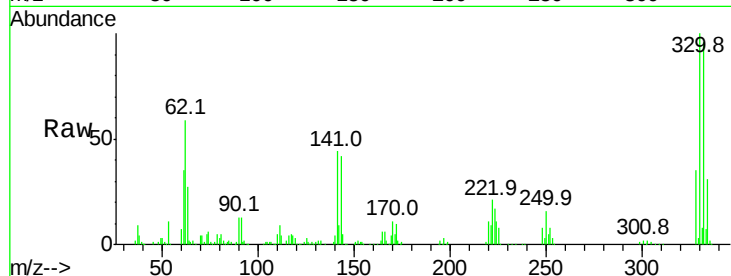
#41
 2,4,6-Tribromophenol
 Concen: 112.64 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	230366		
332	96.2	78.2	117.2	
141	35.4	31.5	47.3	

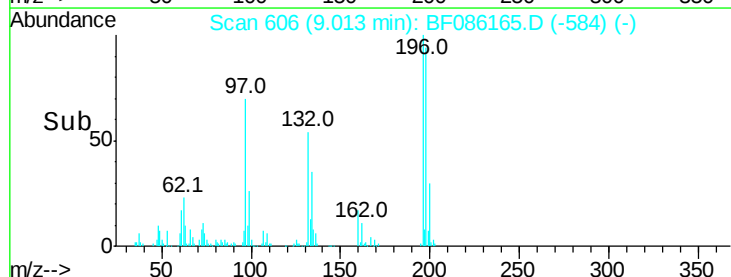
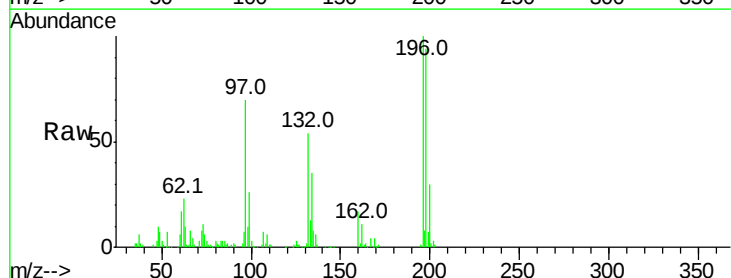
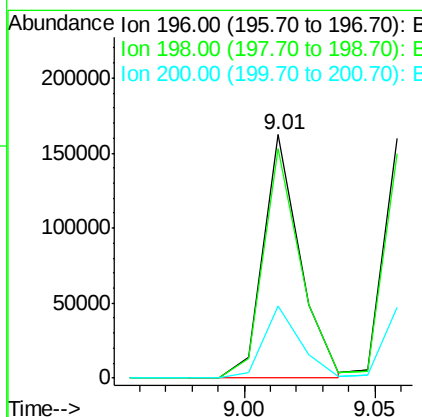
Manual Integrations
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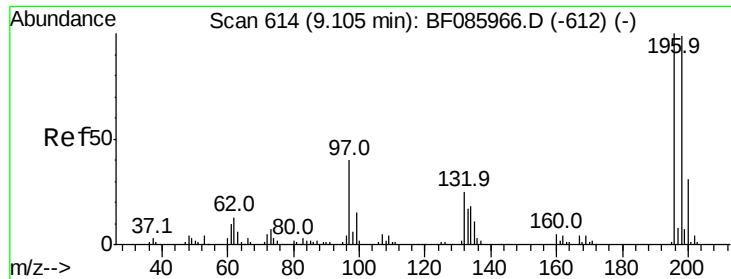
Sohil
 4/11/2016 5:45:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

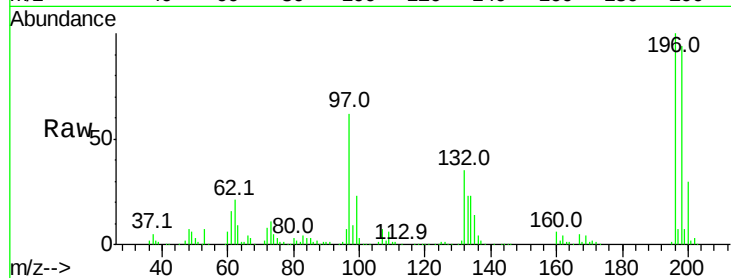
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156869		
198	94.4	75.3	112.9	
200	29.8	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

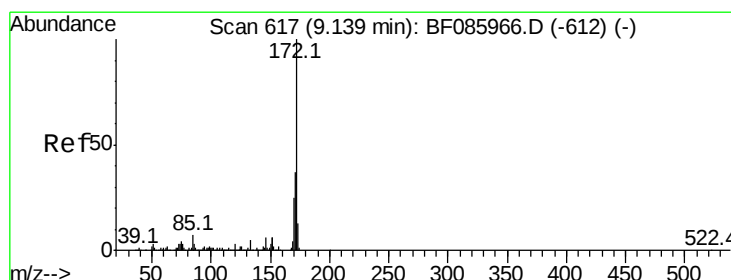
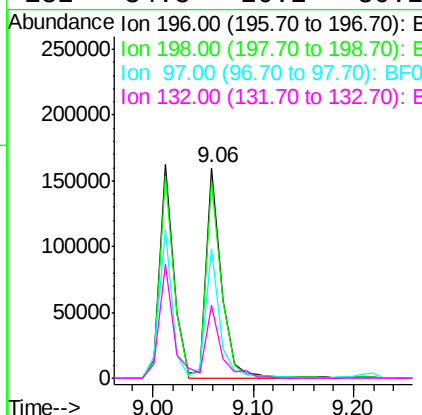
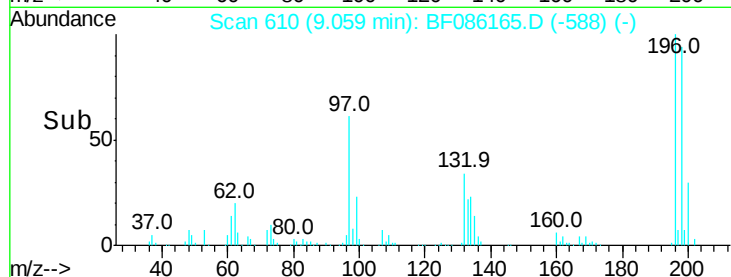
Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	166589		
198	94.0	76.6	114.8	
97	61.8	30.5	45.7#	
132	34.8	20.2	30.2#	

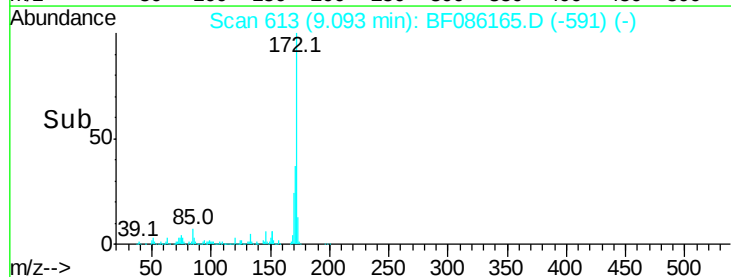
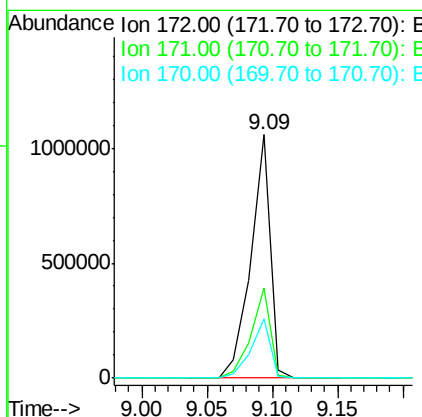
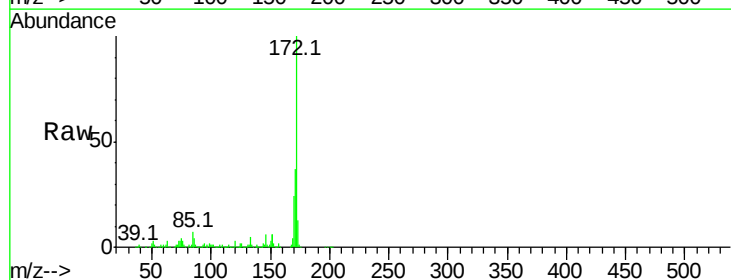
Manual Integrations
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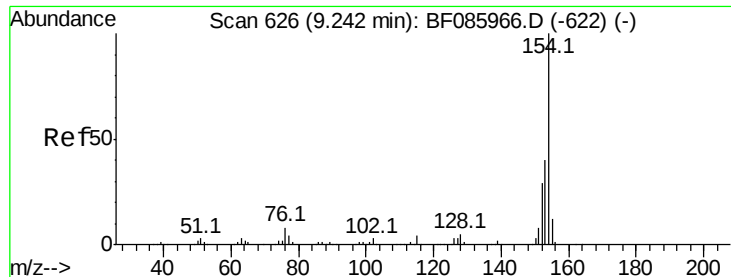
Sohil
 4/11/2016 5:45:08 PM



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1096650		
171	36.7	29.4	44.2	
170	24.5	19.8	29.6	





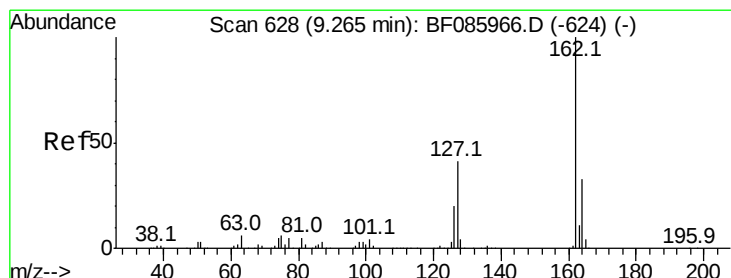
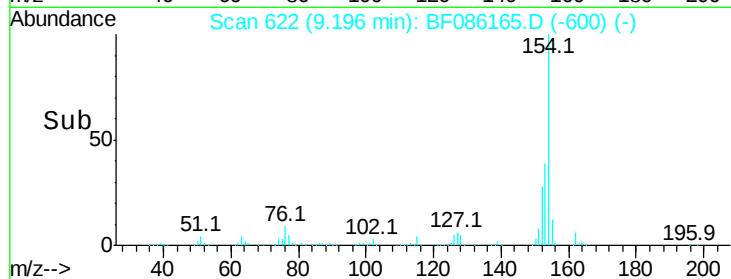
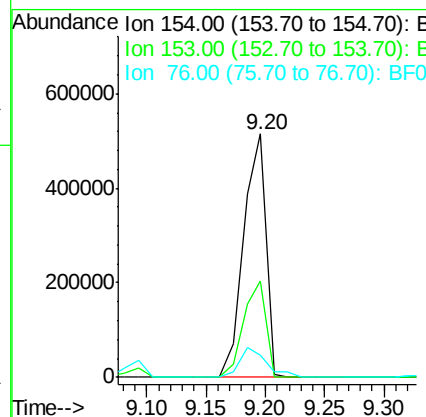
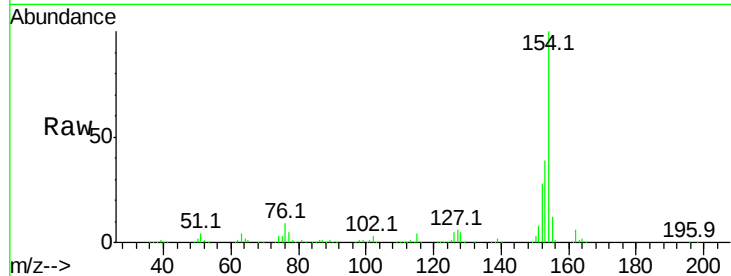
#45
 1,1'-Biphenyl
 Concen: 35.96 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	20.8	60.8	
76	9.0	0.0	36.7	

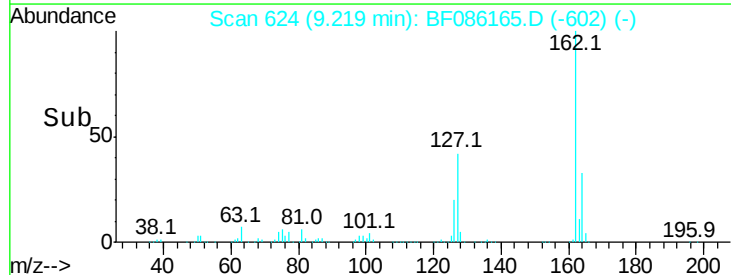
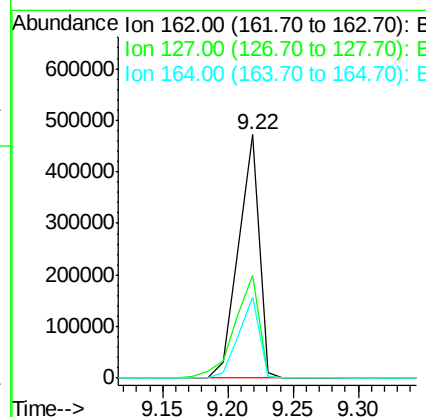
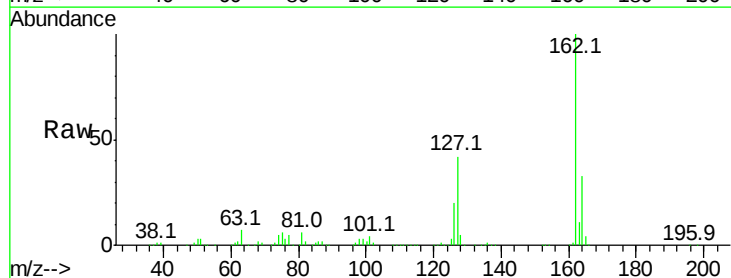
Manual Integrations
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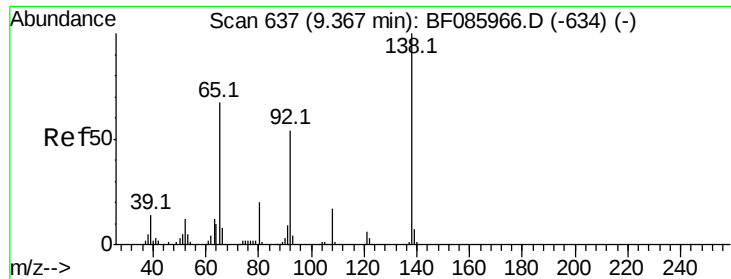
Sohil
 4/11/2016 5:45:08 PM



#46
 2-Chloronaphthalene
 Concen: 38.07 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	31.7	47.5	
164	33.4	27.3	40.9	





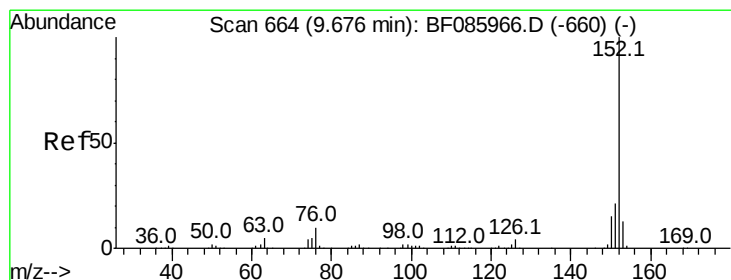
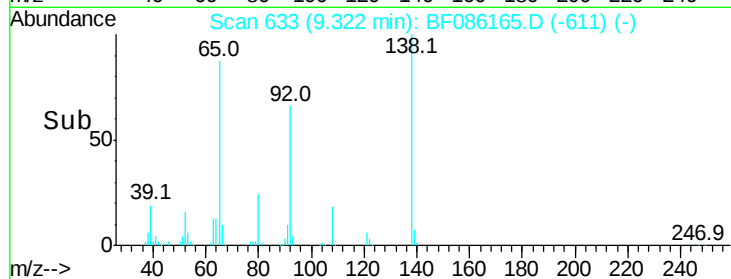
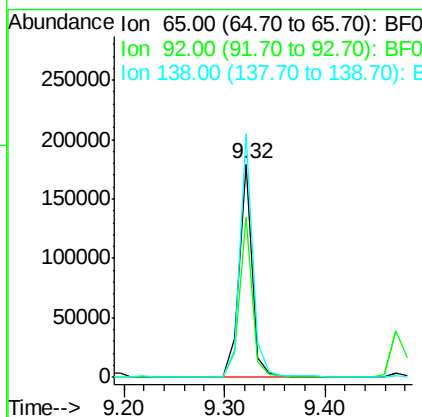
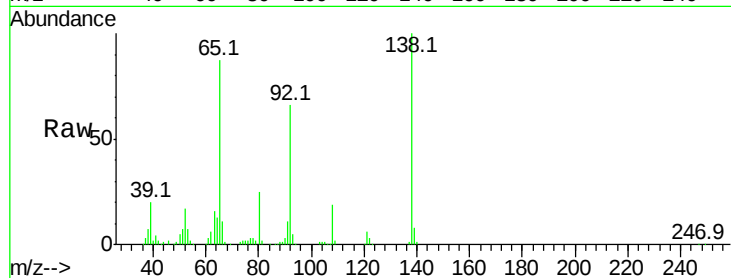
#47
2-Nitroaniline
Concen: 40.50 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.3	59.7	89.5
138	114.4	91.4	137.0

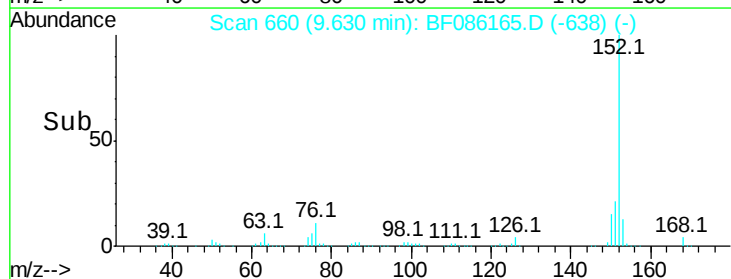
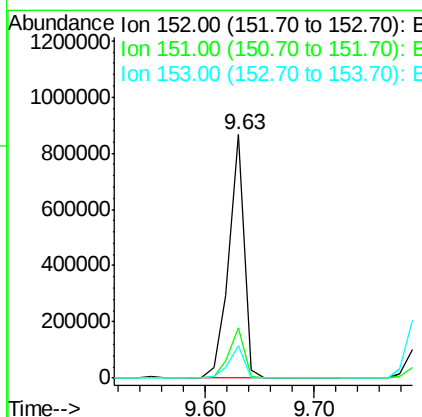
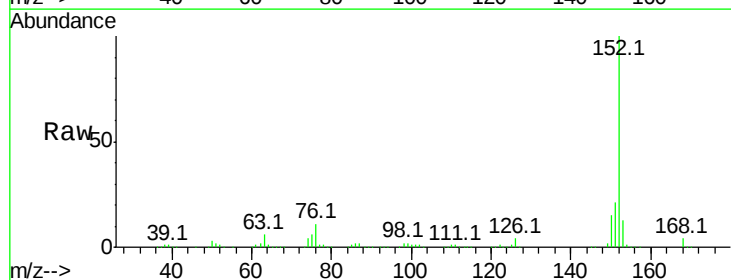
Manual Integrations
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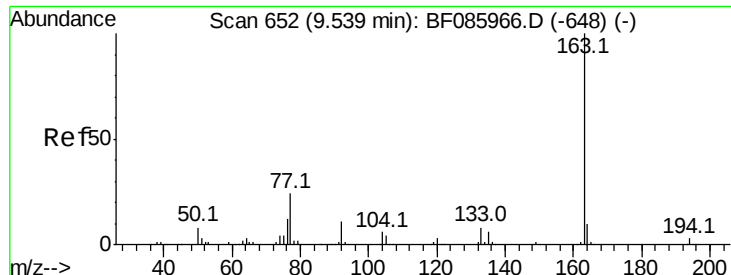
Sohil
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#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.9	16.3





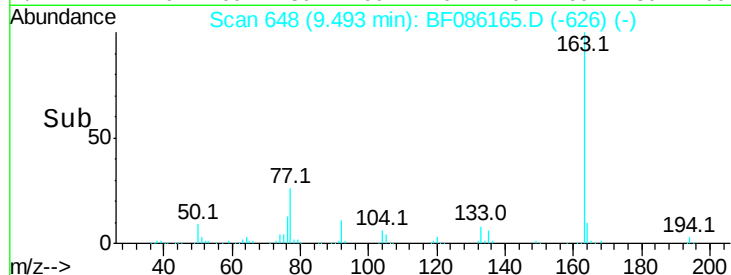
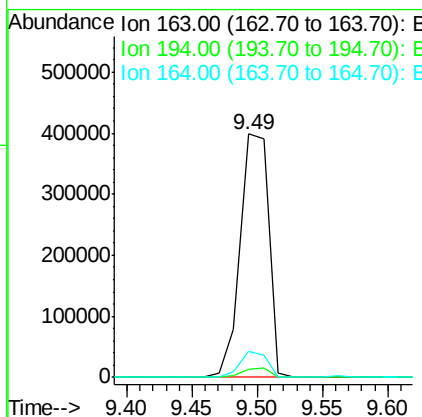
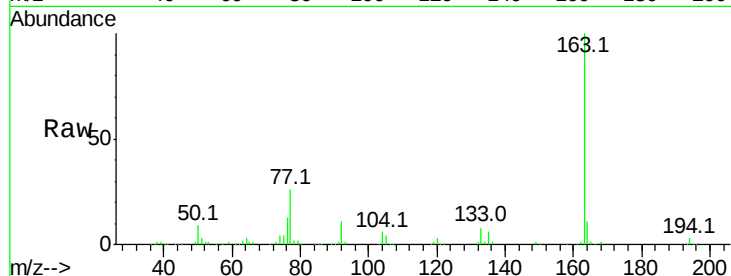
#49
Dimethylphthalate
Concen: 37.43 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	604445		
194	3.2		2.9	4.3
164	10.5		8.3	12.5

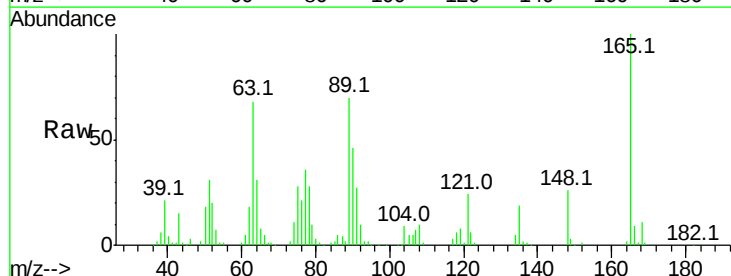
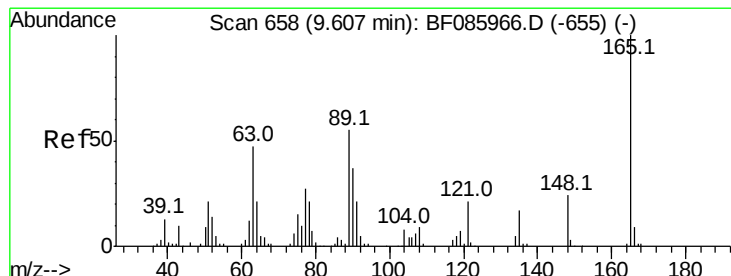
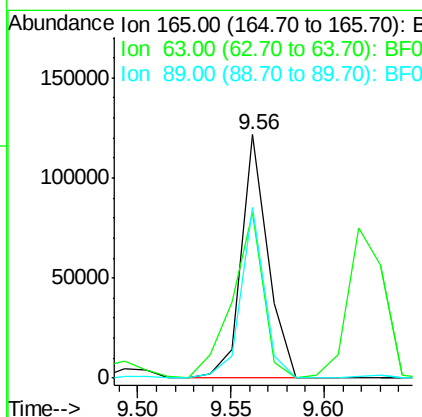
Manual Integrations
APPROVED

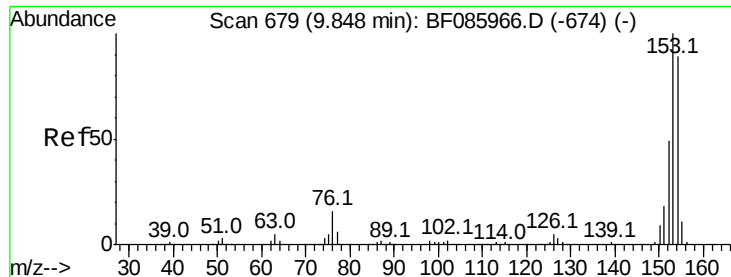
Sohil
4/11/2016 5:45:08 PM



#50
2,6-Dinitrotoluene
Concen: 35.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120577		
63	67.8		51.8	77.8
89	69.9		53.7	80.5





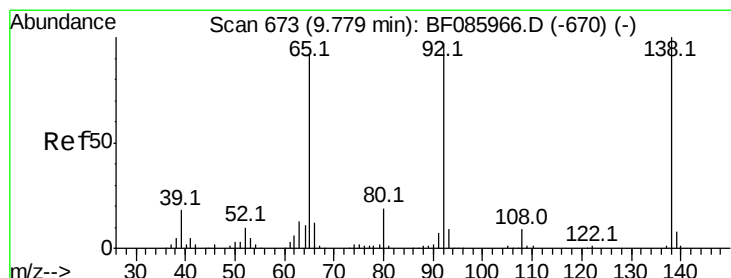
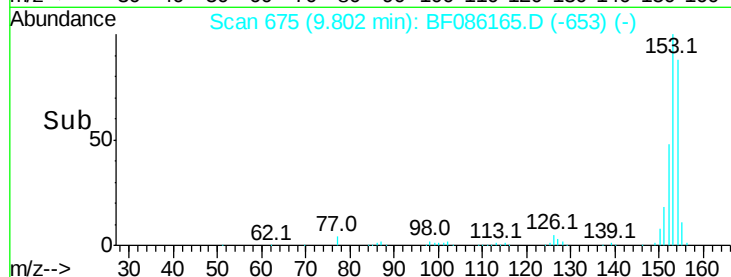
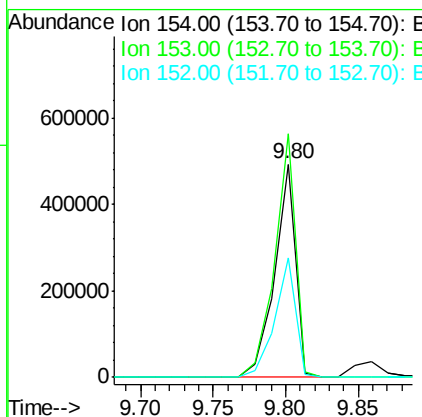
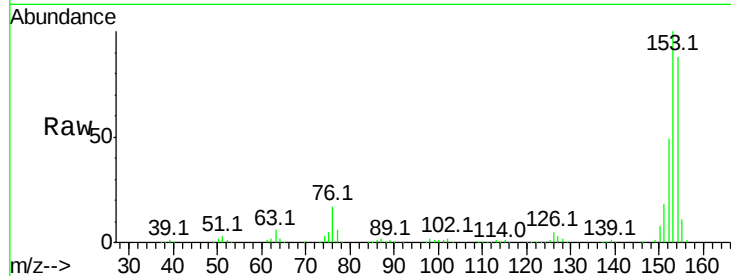
#51
Acenaphthene
Concen: 38.10 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.1	135.1
152	56.2	44.2	66.2

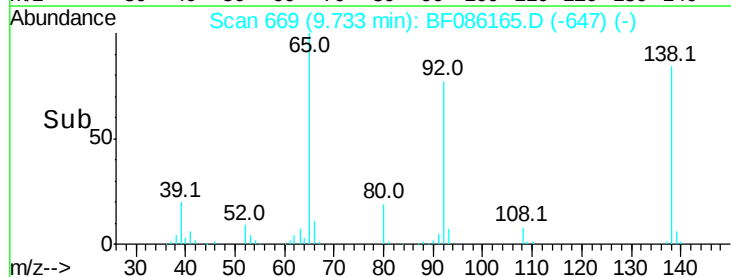
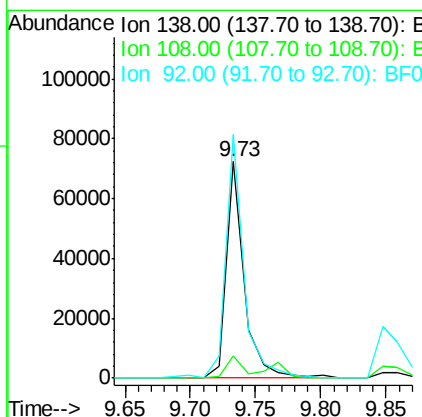
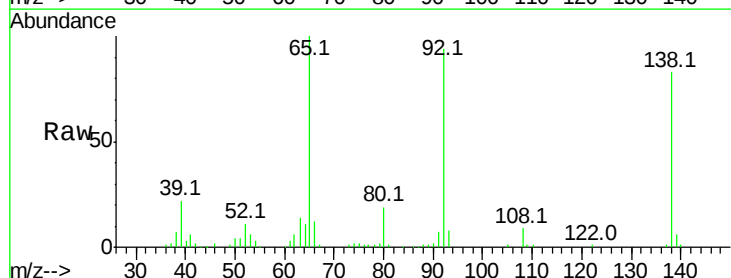
Manual Integrations
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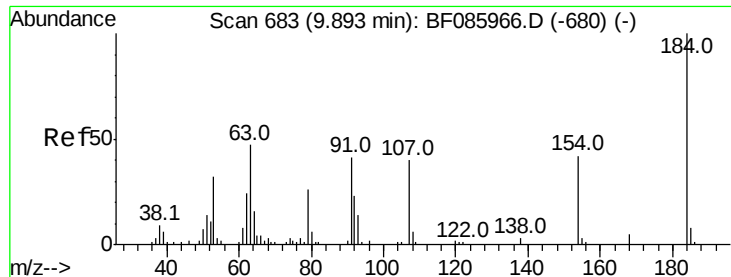
Sohil
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#52
3-Nitroaniline
Concen: 16.80 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	112.6	93.3	139.9





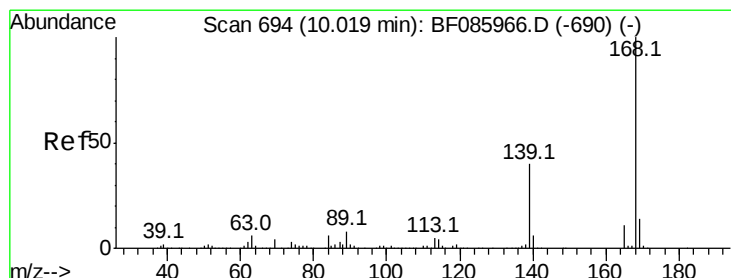
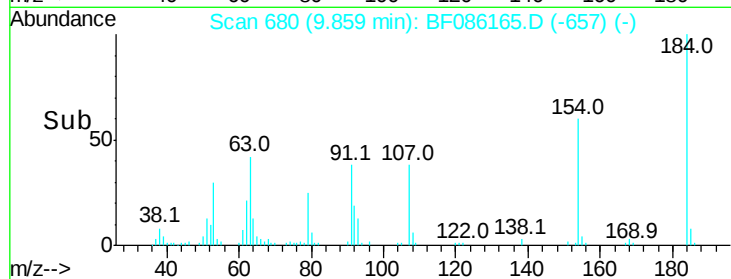
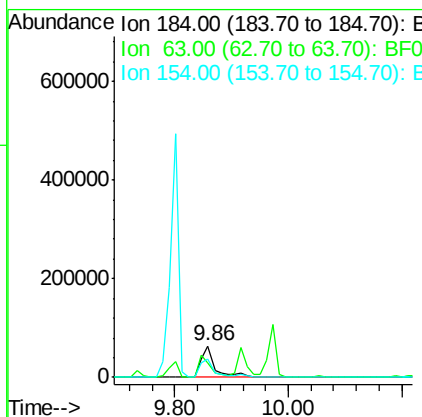
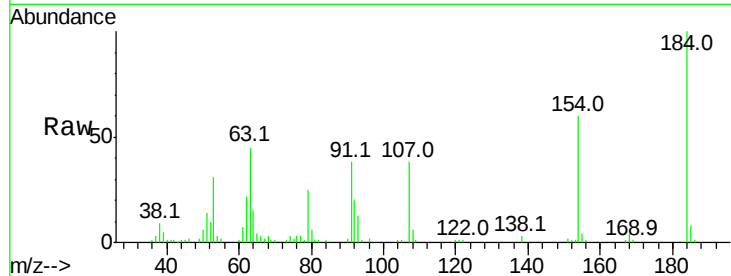
#53
 2,4-Dinitrophenol
 Concen: 54.96 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	107356		
63	44.7	69.5	104.3#	
154	59.7	58.3	87.5	

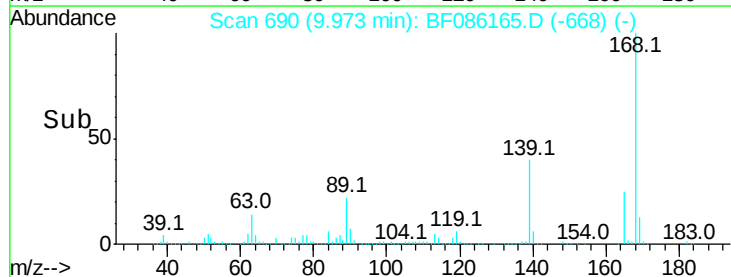
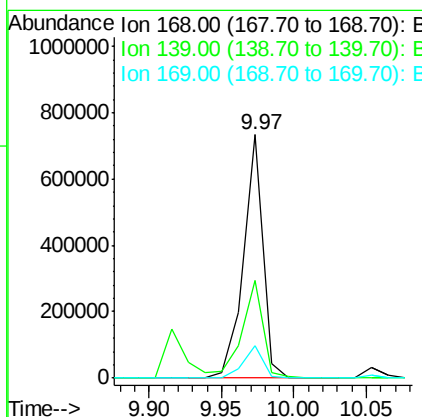
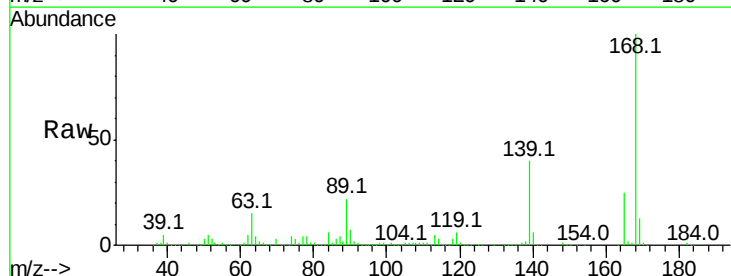
Manual Integrations
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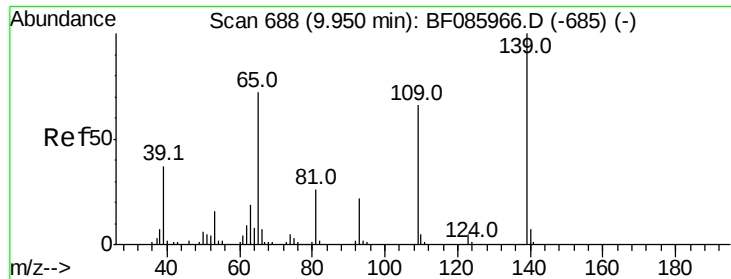
Sohil
 4/11/2016 5:45:08 PM



#54
 Dibenzofuran
 Concen: 39.92 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	684053		
139	40.0	31.9	47.9	
169	13.4	11.0	16.6	





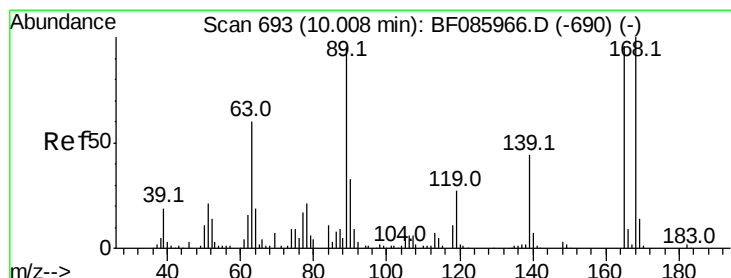
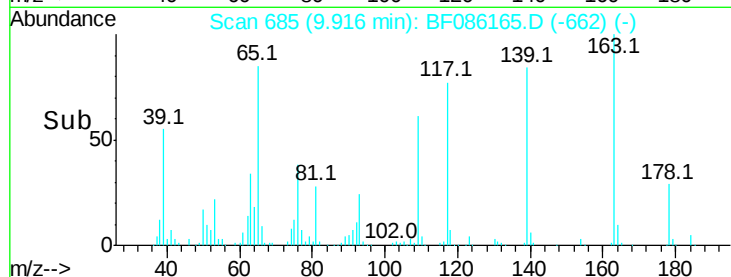
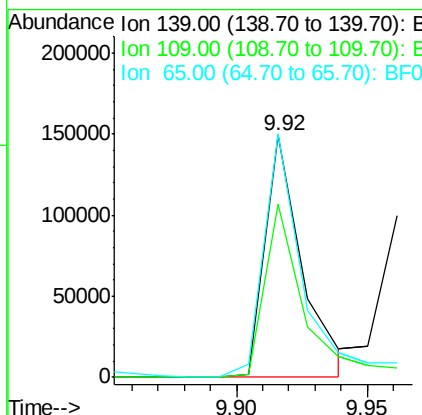
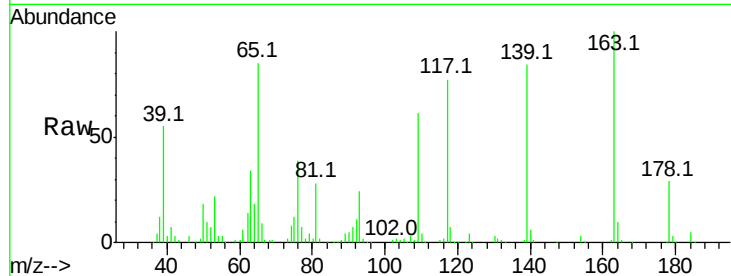
#55
4-Nitrophenol
Concen: 61.18 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	148529		
109	71.7	49.2	89.2	
65	100.7	66.9	106.9	

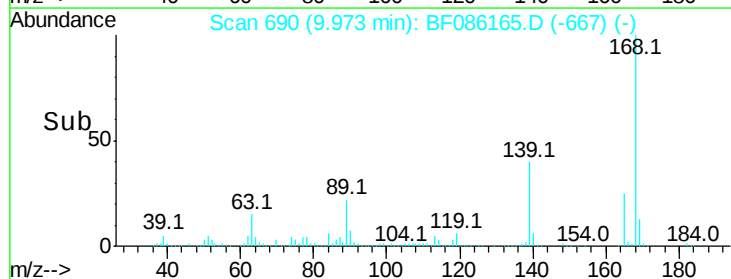
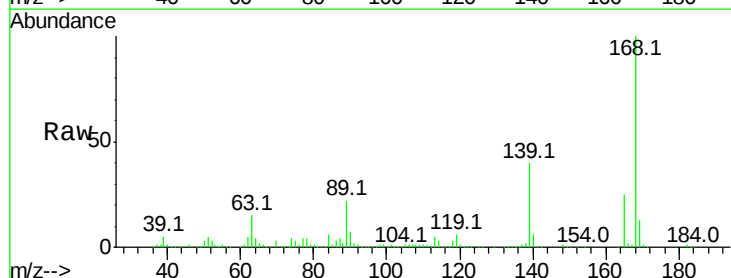
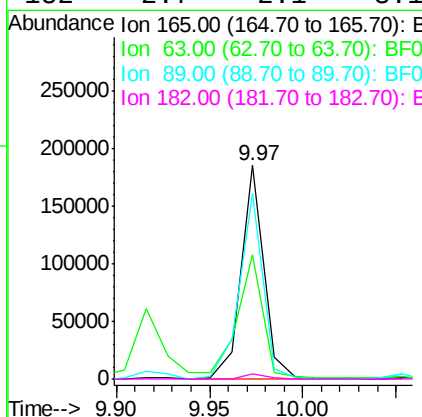
Manual Integrations
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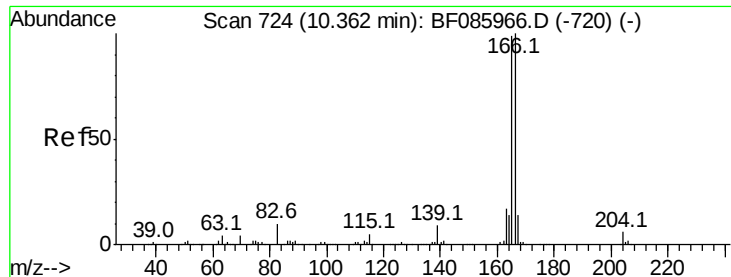
Sohil
4/11/2016 5:45:08 PM



#56
2,4-Dinitrotoluene
Concen: 36.51 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157644		
63	57.9	24.9	37.3#	
89	86.7	41.0	61.6#	
182	2.7	2.1	3.1	





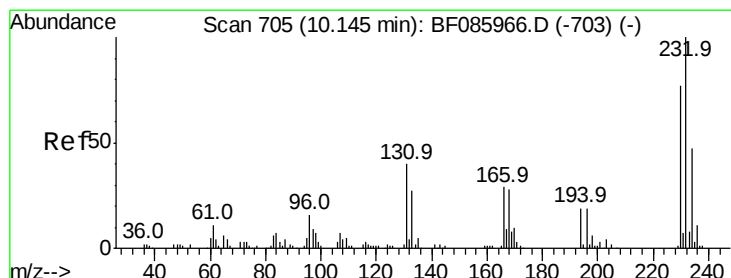
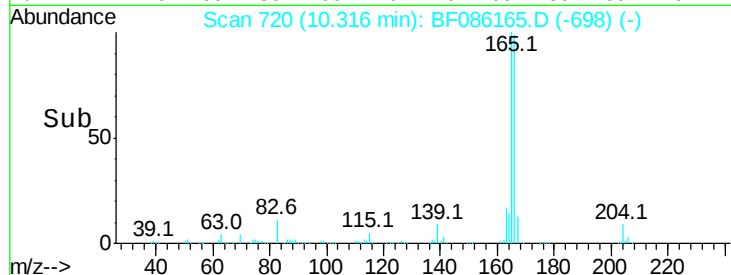
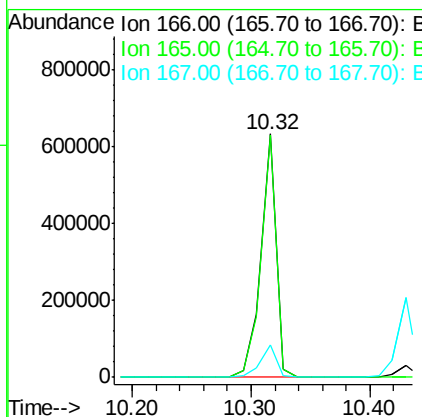
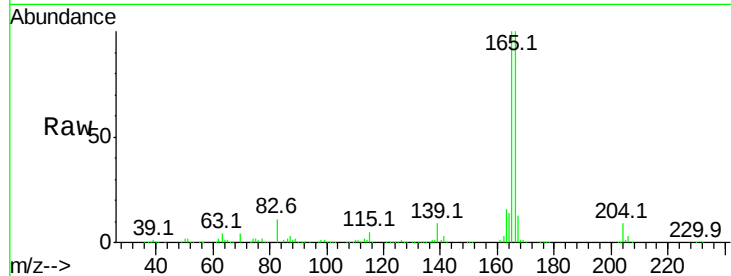
#57
 Fluorene
 Concen: 39.26 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	574716		
165	99.5	79.4	119.0	
167	13.5	11.0	16.4	

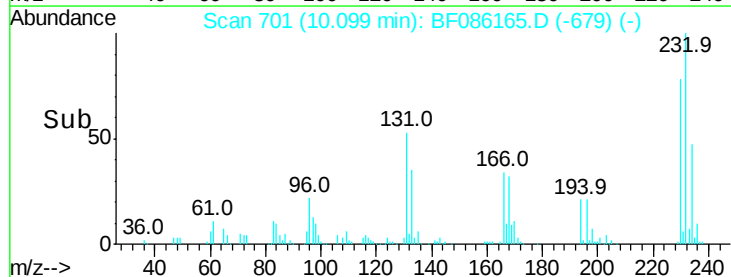
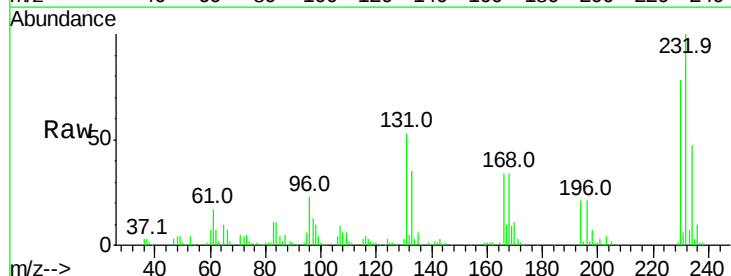
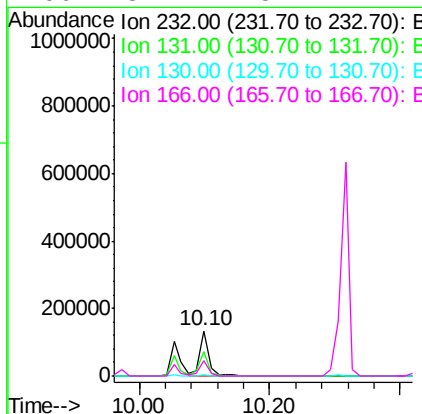
Manual Integrations
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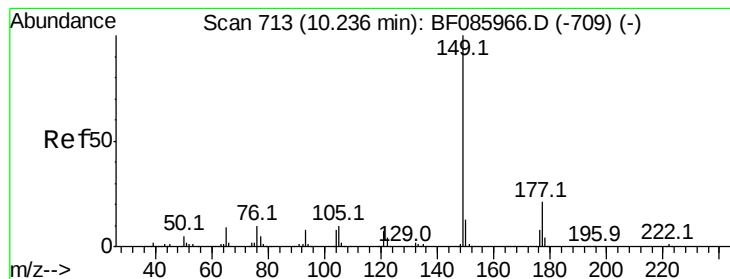
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.34 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131412		
131	52.9	44.9	67.3	
130	2.4	2.3	3.5	
166	32.1	28.1	42.1	





#59

Diethylphthalate

Concen: 35.58 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

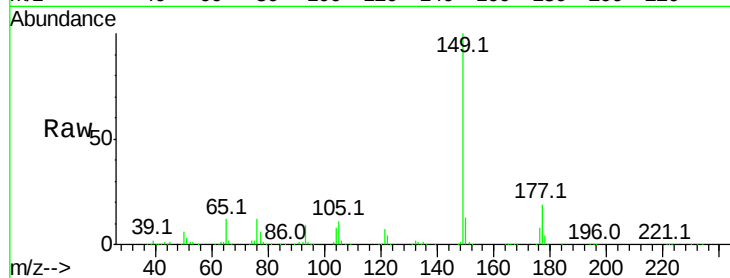
ClientSampleId :

PB89567BSD

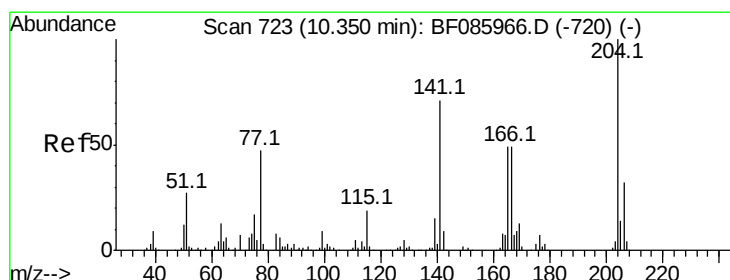
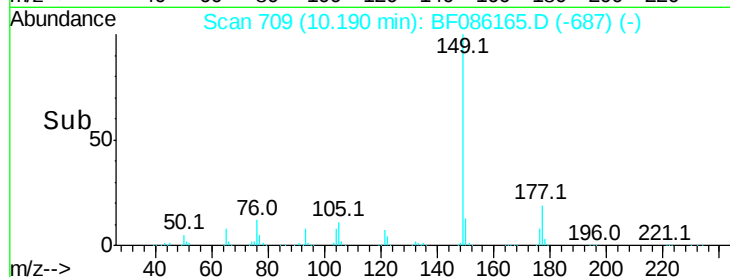
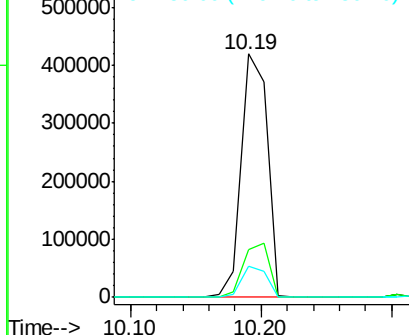
Tot Ion:	149	Resp:	579898
Ion Ratio	Lower	Upper	
149	100		
177	19.4	17.9	26.9
150	12.9	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 36.17 ng

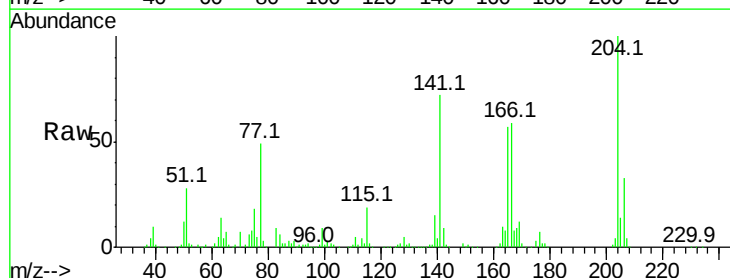
RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

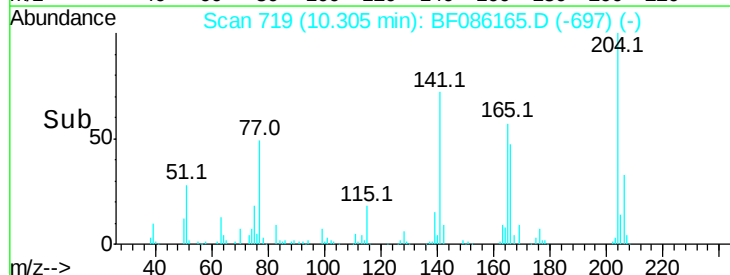
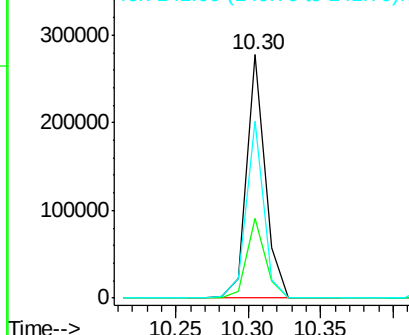
Lab File: BF086165.D

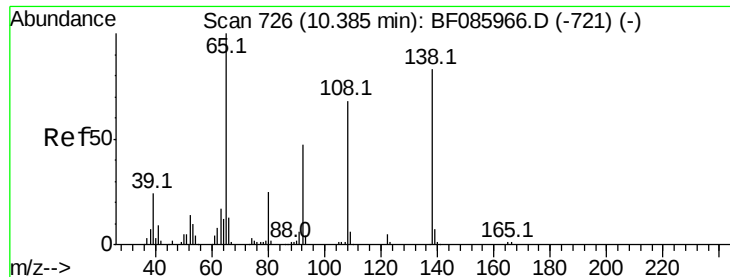
Acq: 8 Apr 2016 13:46

Tgt Ion:	204	Resp:	246642
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.6	39.8
141	72.5	57.4	86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





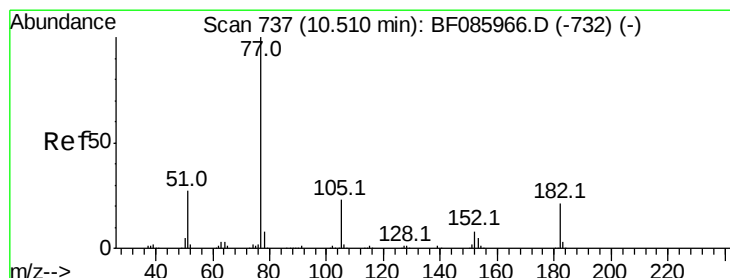
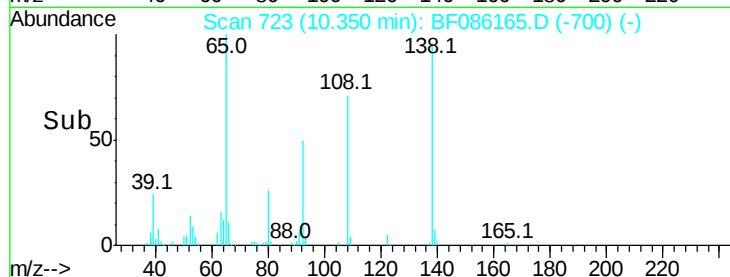
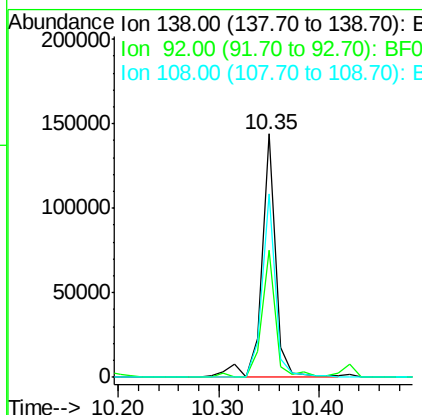
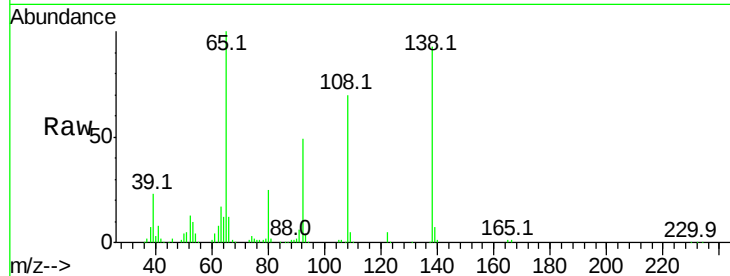
#61
4-Nitroaniline
Concen: 34.57 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	140200		
92	52.3	26.4	66.4	
108	75.6	49.0	89.0	

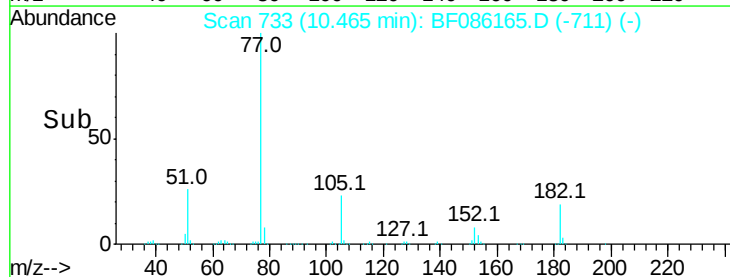
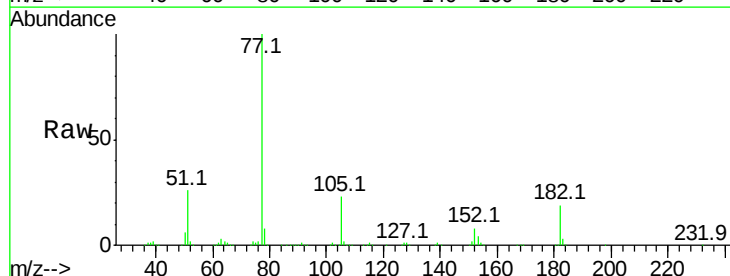
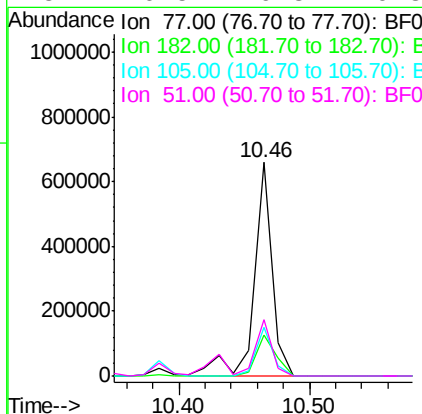
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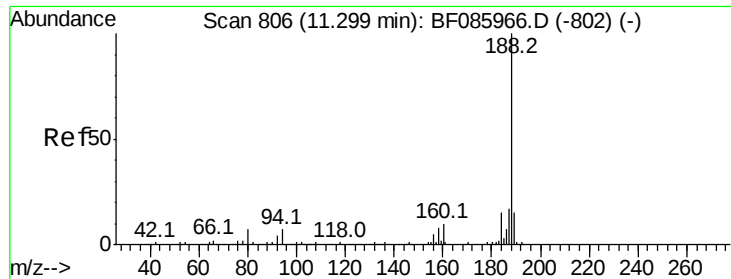
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#62
Azobenzene
Concen: 41.12 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	642047		
182	19.4	1.9	41.9	
105	23.0	3.5	43.5	
51	26.5	6.3	46.3	





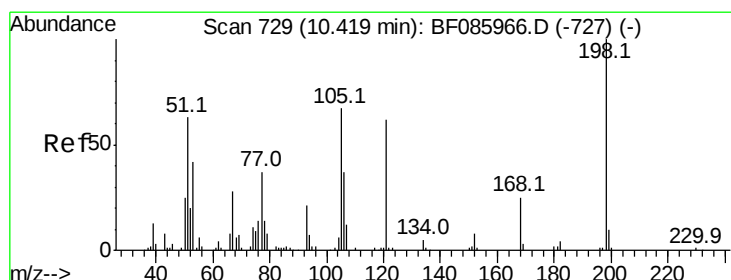
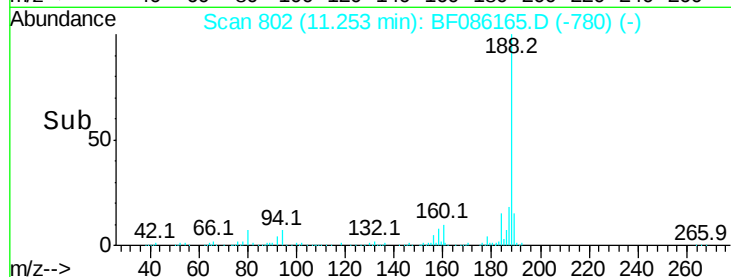
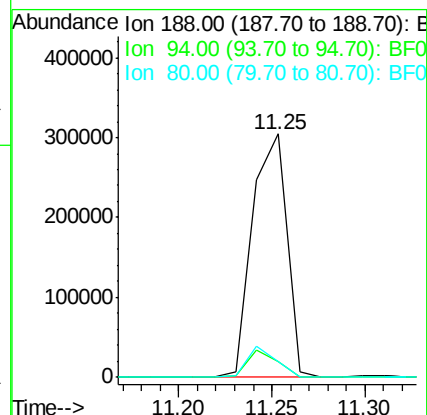
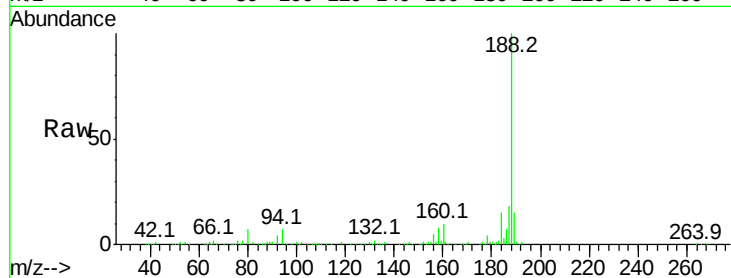
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	5.4	8.0
80	6.6	5.5	8.3

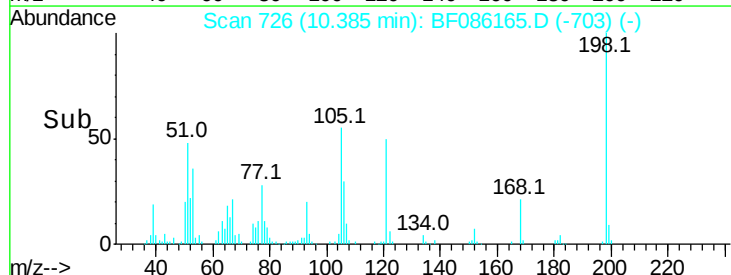
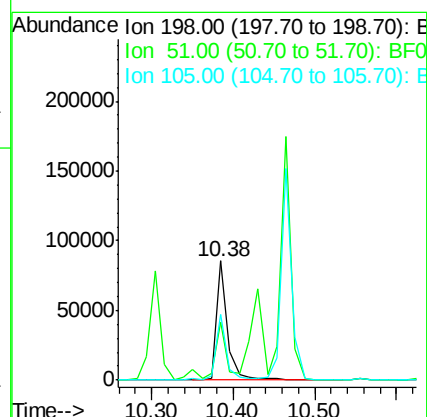
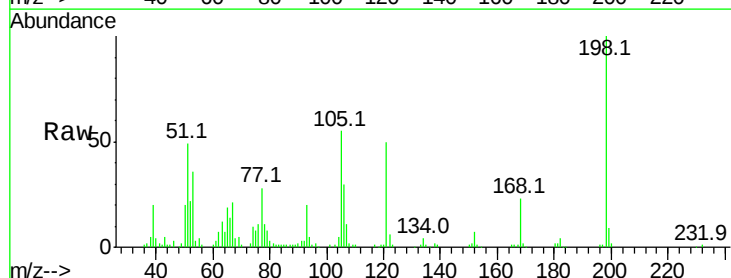
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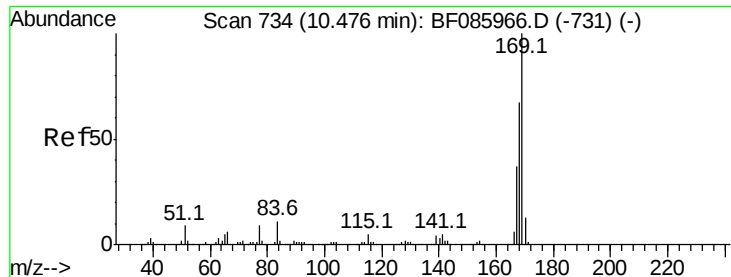
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.76 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.5	45.4	85.4
105	55.1	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 40.93 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

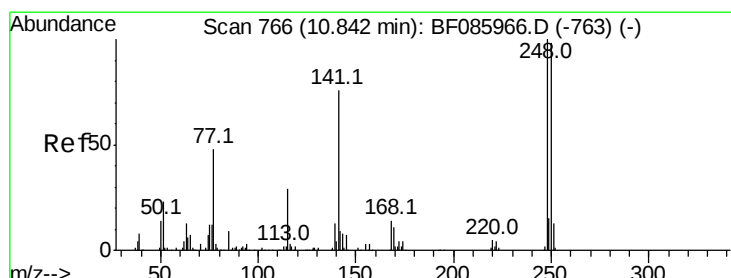
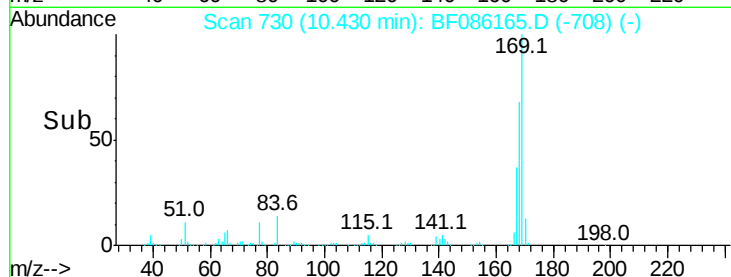
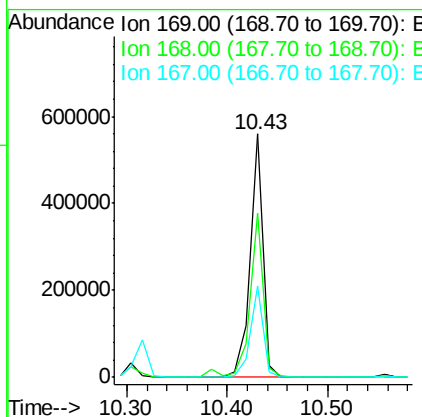
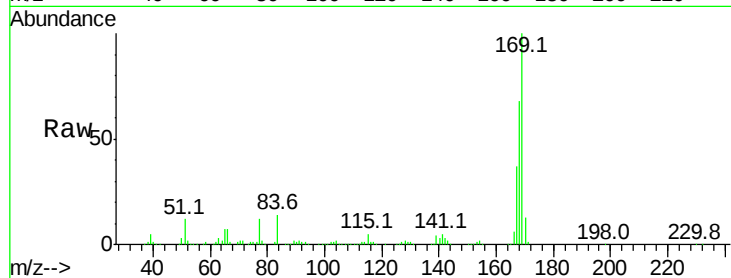
ClientSampleId :

PB89567BSD

Tot Ion:	169	Resp:	497050
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.3	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 41.56 ng

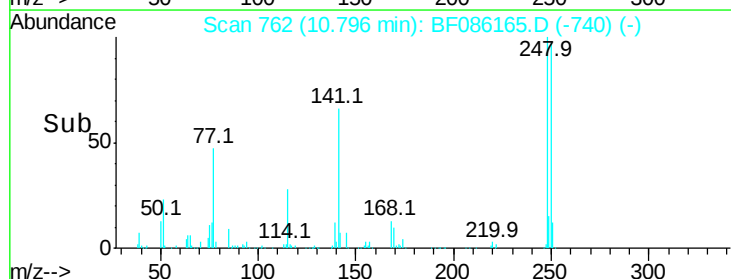
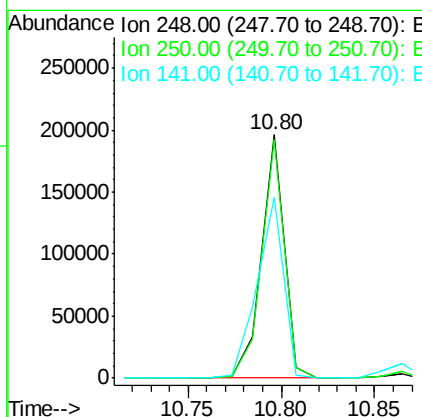
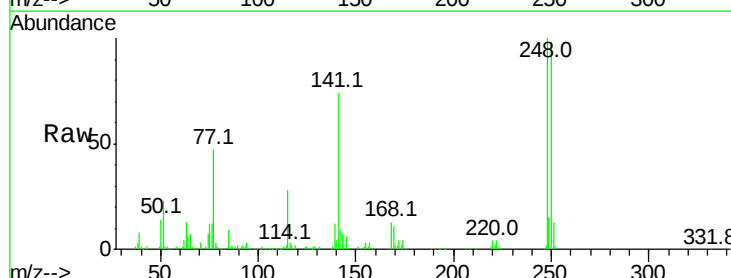
RT: 10.80 min Scan# 762

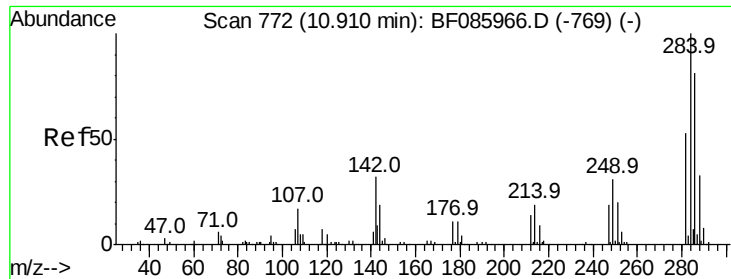
Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	248	Resp:	164730
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.4	116.0
141	74.4	63.6	95.4





#67

Hexachlorobenzene

Concen: 41.10 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

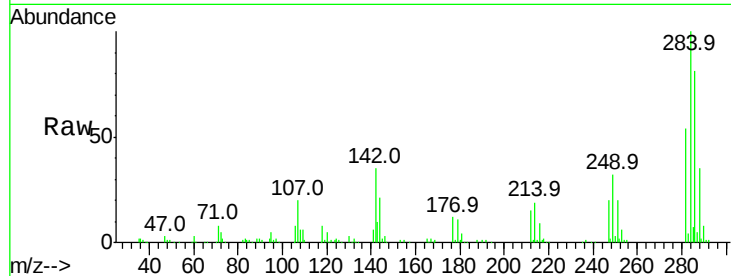
ClientSampleId :

PB89567BSD

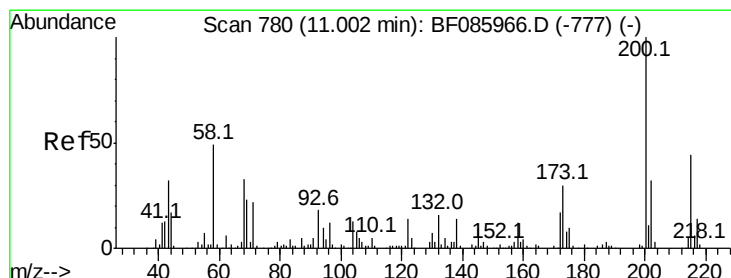
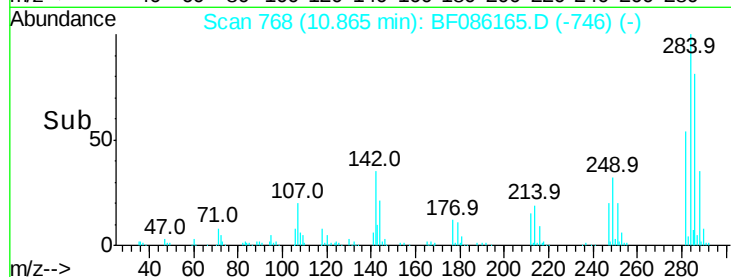
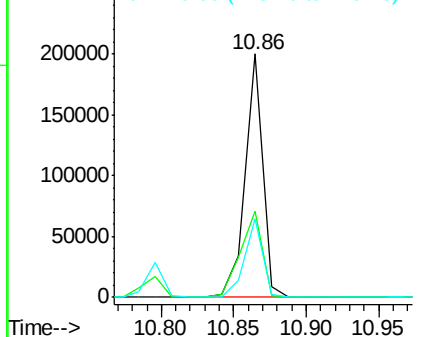
Tot Ion:	284	Resp:	168481
Ion Ratio		Lower	Upper
284	100		
142	35.4	23.1	34.7#
249	32.1	24.2	36.2

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



#68

Atrazine

Concen: 38.81 ng

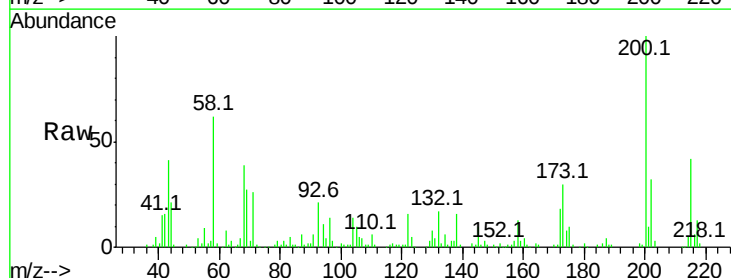
RT: 10.96 min Scan# 776

Delta R.T. -0.05 min

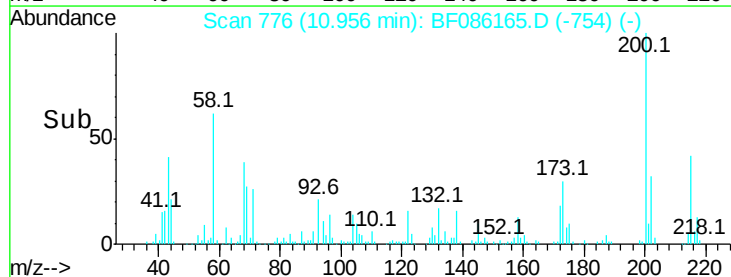
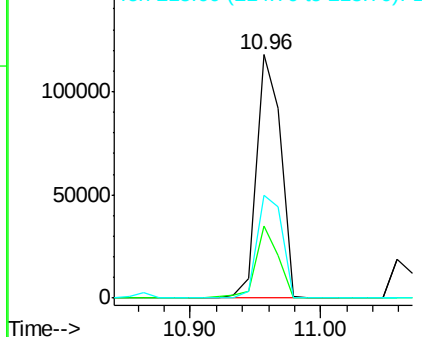
Lab File: BF086165.D

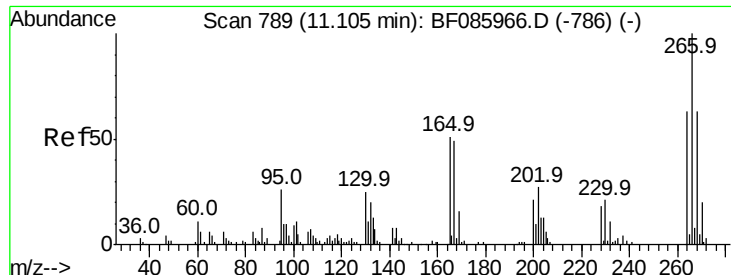
Acq: 8 Apr 2016 13:46

Tgt Ion:	200	Resp:	152285
Ion Ratio		Lower	Upper
200	100		
173	29.6	7.7	47.7
215	42.2	25.4	65.4



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





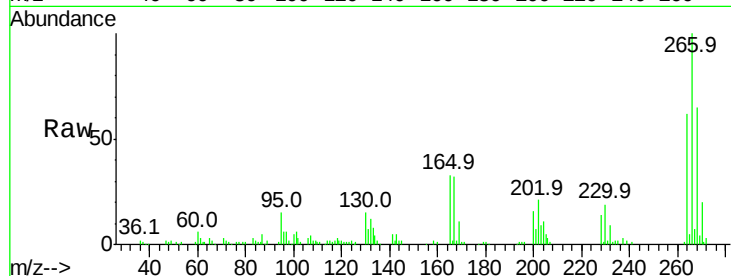
#69
 Pentachlorophenol
 Concen: 64.28 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

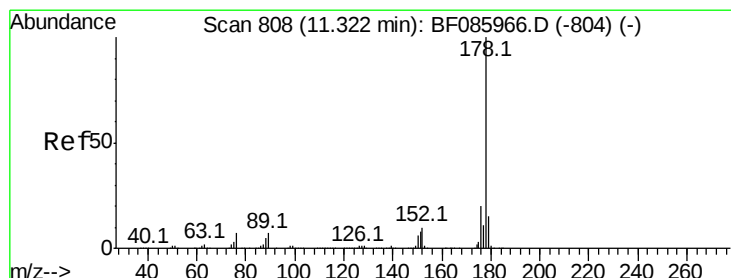
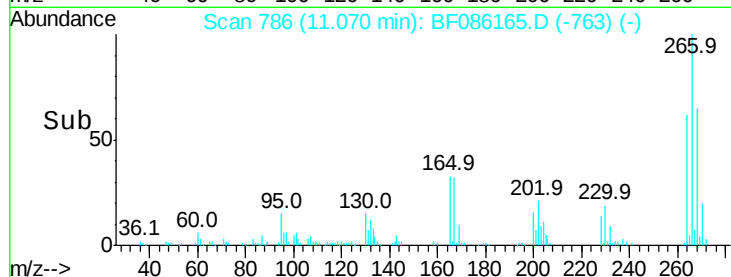
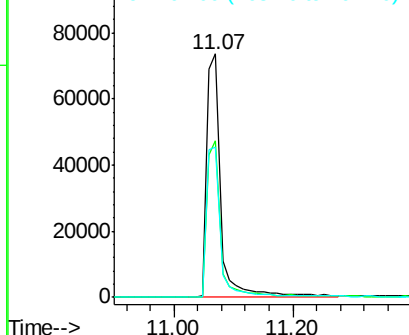
Tot Ion	Ratio	Resp	Lower	Upper
266	100	123488		
268	64.5	51.5	77.3	
264	61.7	50.6	76.0	

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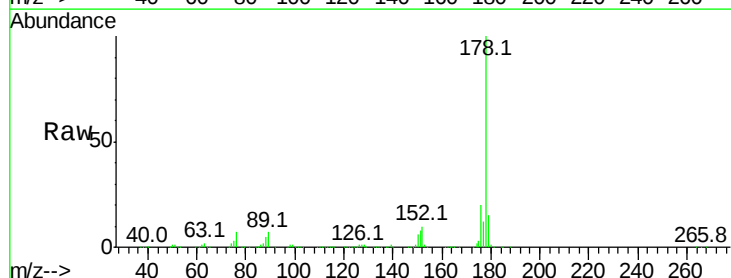


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

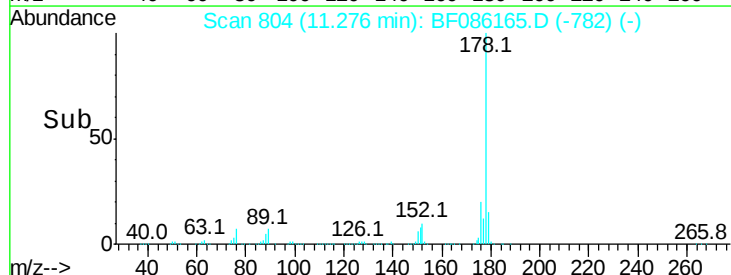
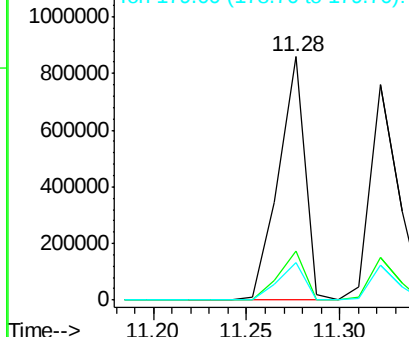


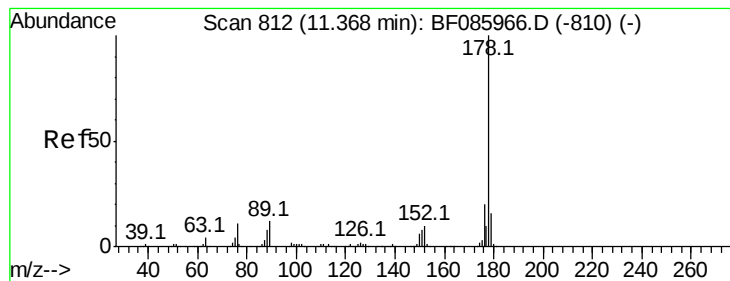
#70
 Phenanthrene
 Concen: 40.17 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	850855		
176	20.2	16.3	24.5	
179	15.2	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





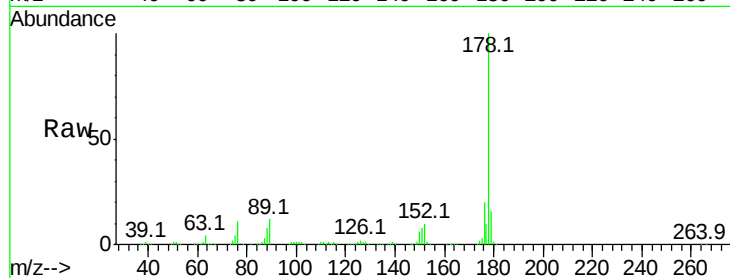
#71
 Anthracene
 Concen: 35.10 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	13.0	19.4

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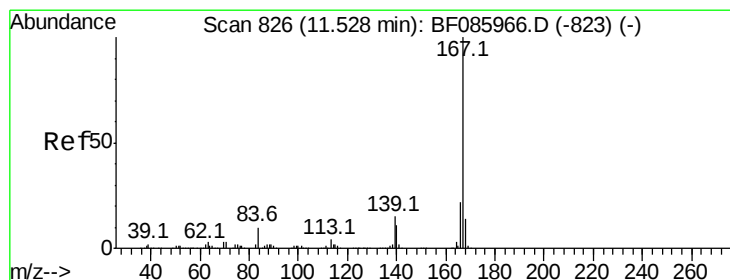
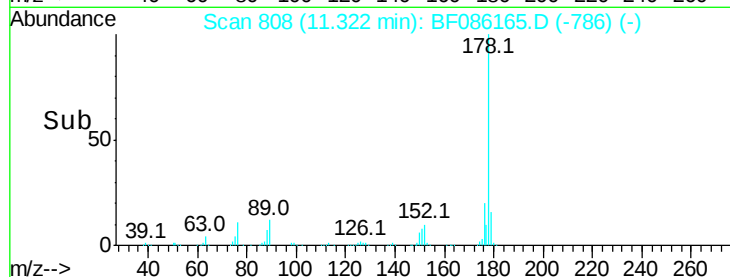
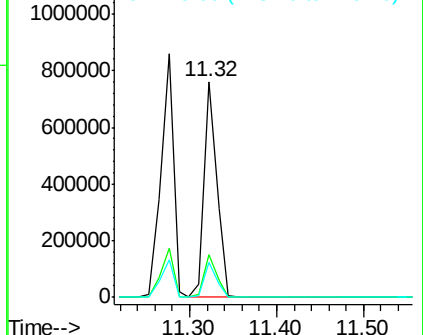


Abundance

Ion 178.00 (177.70 to 178.70): E

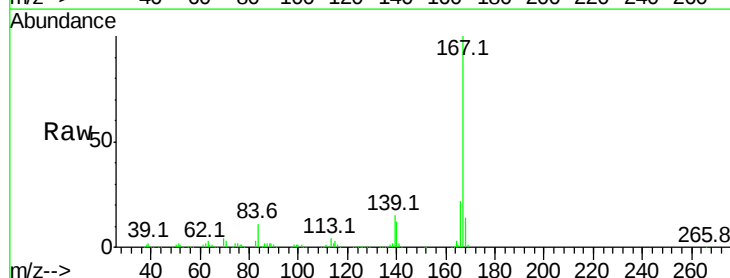
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 36.30 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	15.5	11.6	17.4

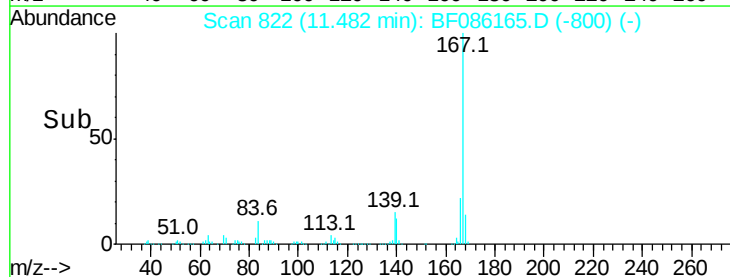
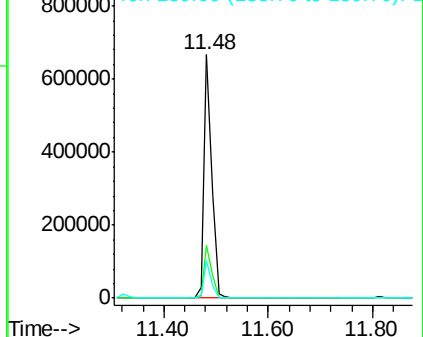


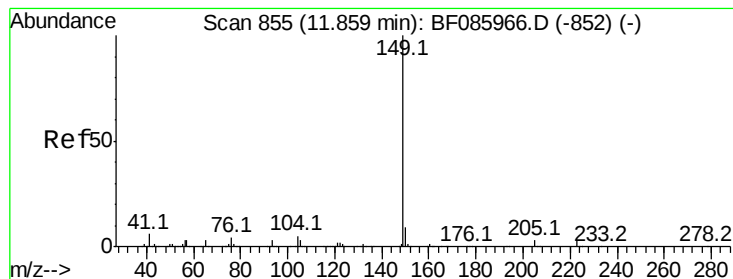
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.19 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

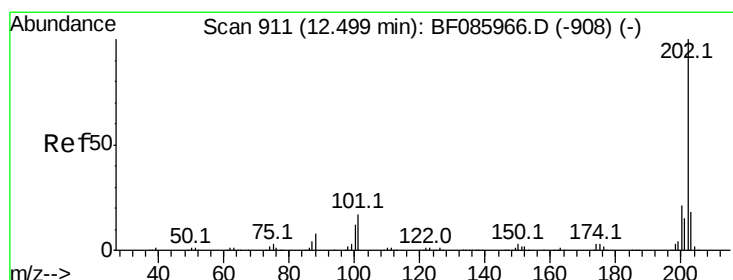
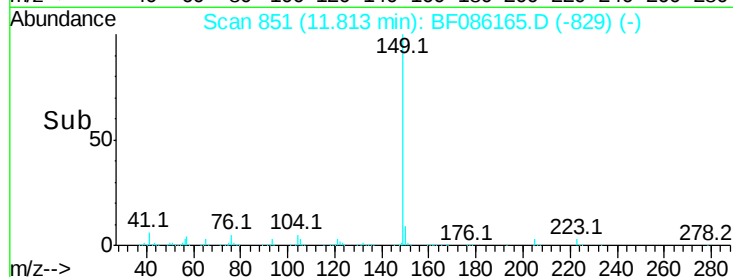
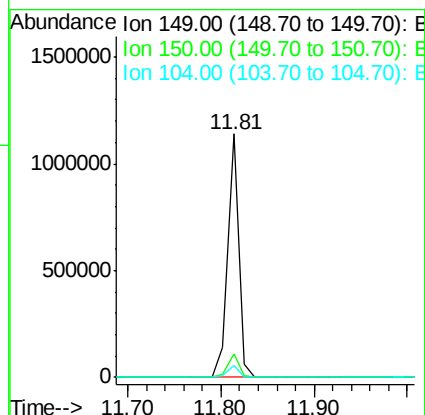
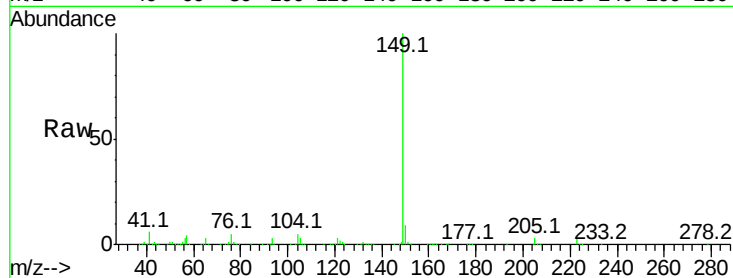
ClientSampleId :

PB89567BSD

Tot Ion:	149	Resp:	926195
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 36.86 ng

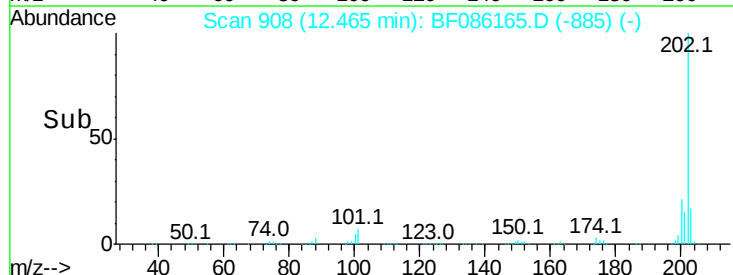
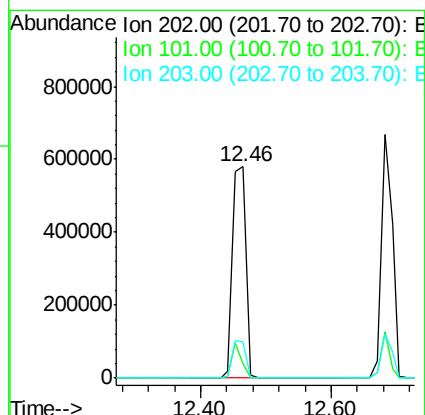
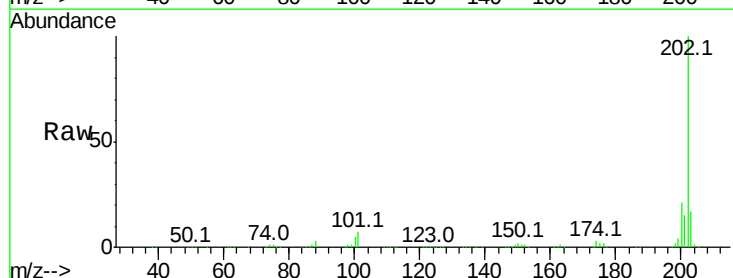
RT: 12.46 min Scan# 908

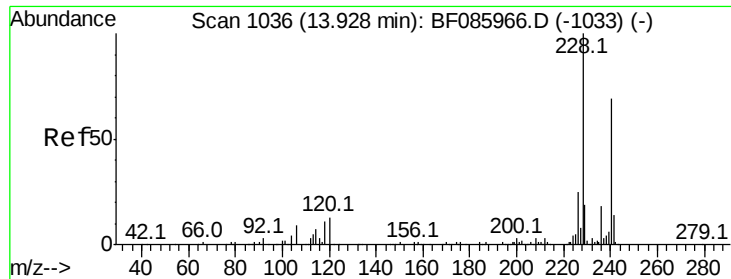
Delta R.T. -0.03 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	202	Resp:	811987
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	36.6
203	17.0	0.0	38.1





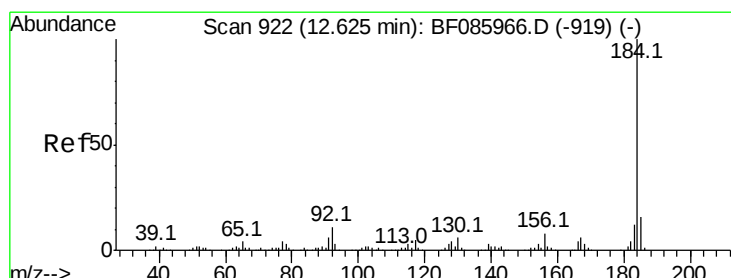
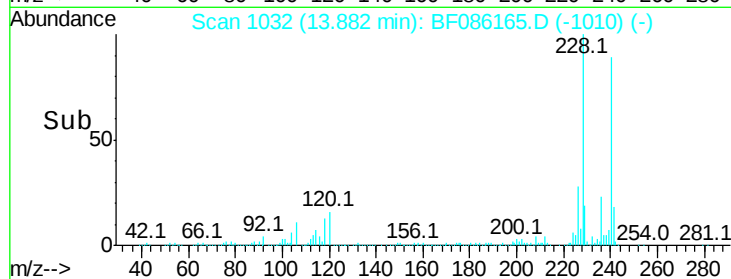
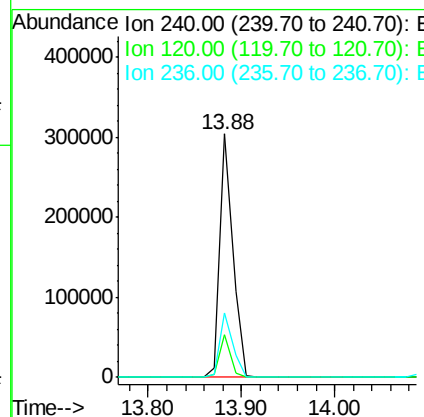
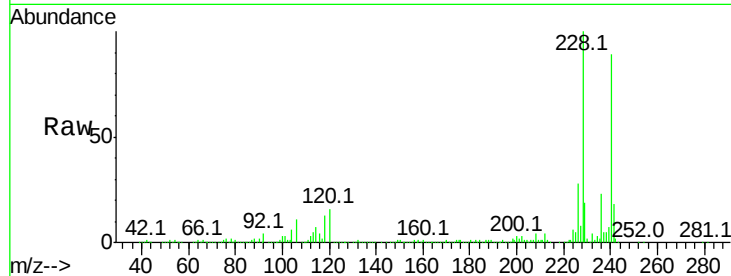
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	294898		
120	17.7	13.8	20.8	
236	26.5	20.6	30.8	

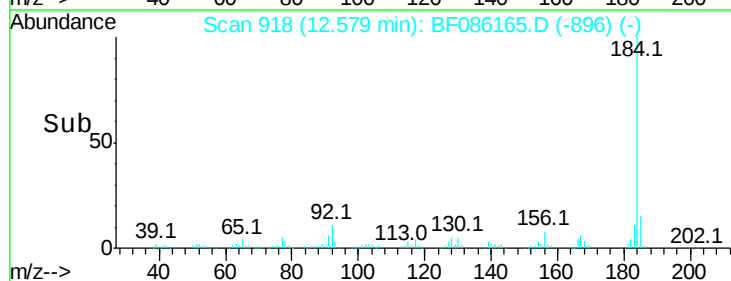
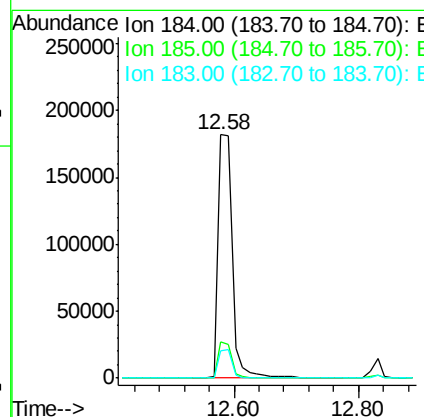
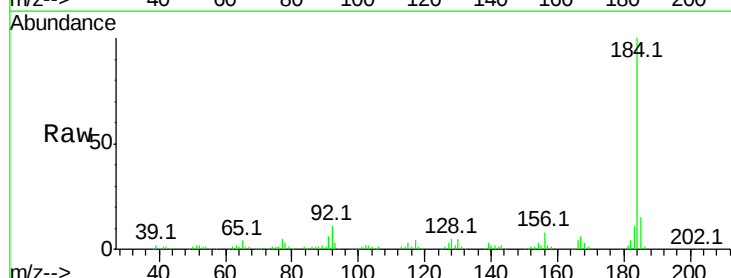
Manual Integrations
 APPROVED

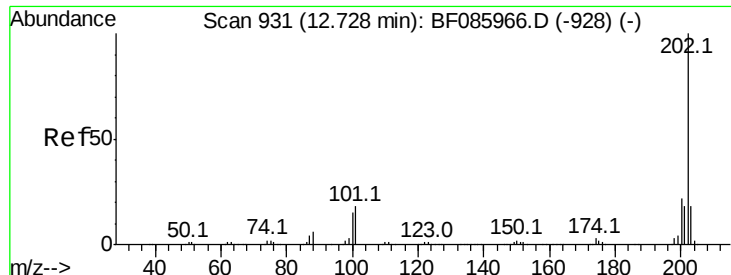
Sohil
 4/11/2016 5:45:08 PM



#76
 Benzidine
 Concen: 27.23 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	283350		
185	14.7	12.4	18.6	
183	11.3	9.4	14.2	





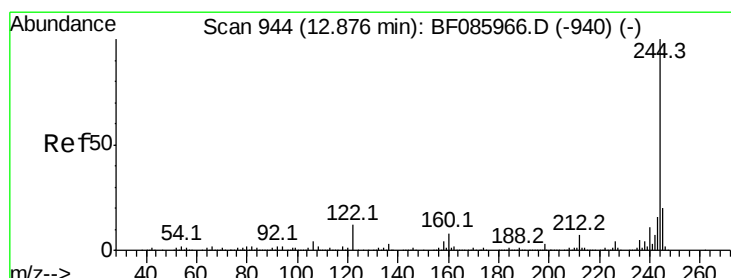
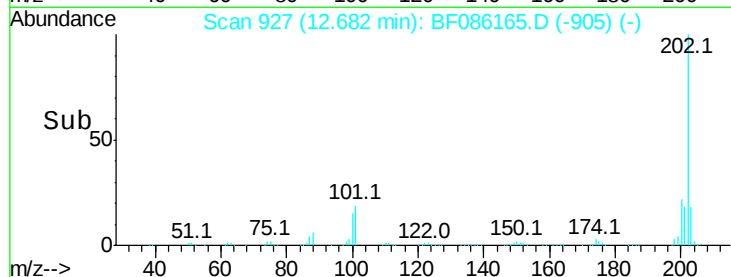
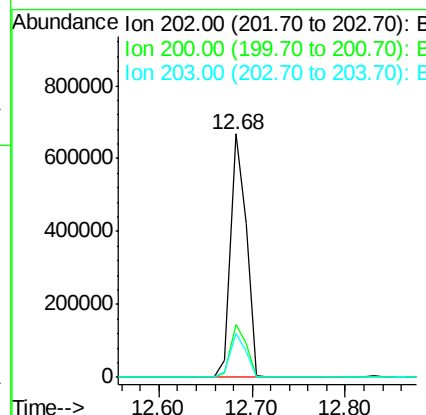
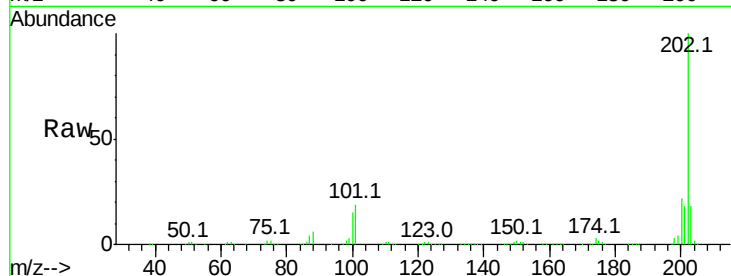
#77
Pvrene
Concen: 37.86 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.0	14.0	21.0

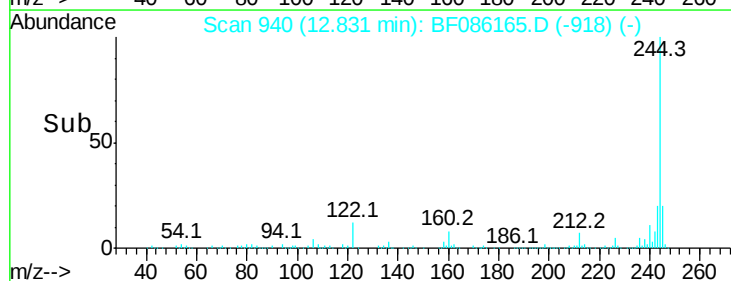
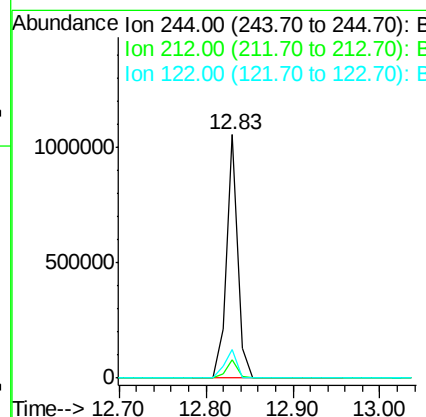
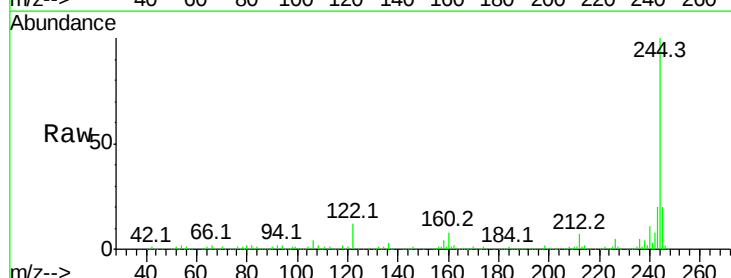
Manual Integrations
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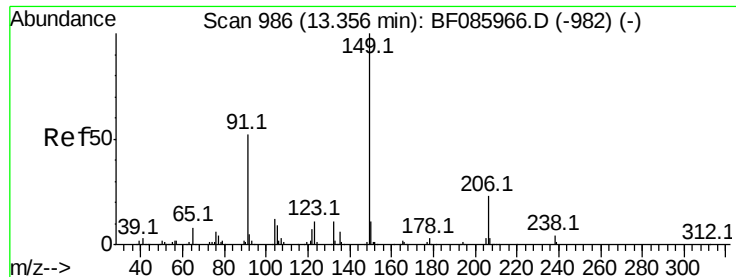
Sohil
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#78
Terphenyl-d14
Concen: 76.73 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.8	10.2	15.4





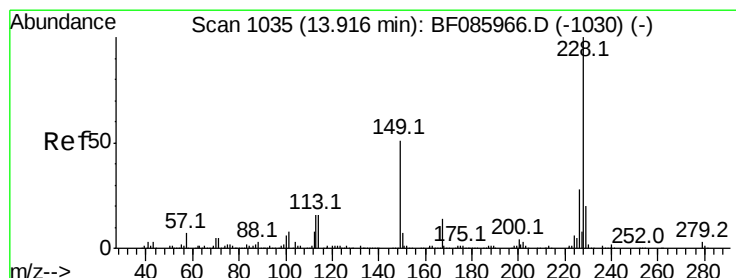
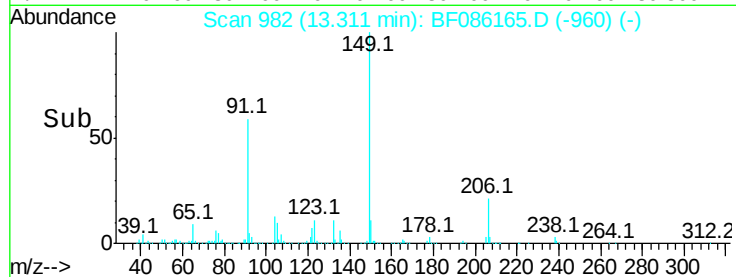
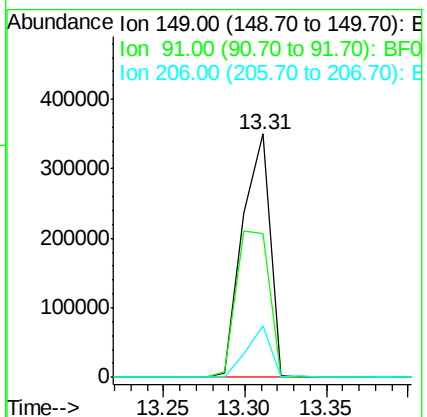
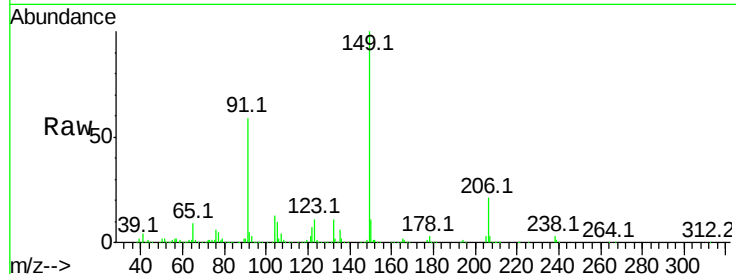
#79
Butylbenzylphthalate
Concen: 43.78 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	409699		
91	58.9		45.8	68.8
206	21.4		17.8	26.8

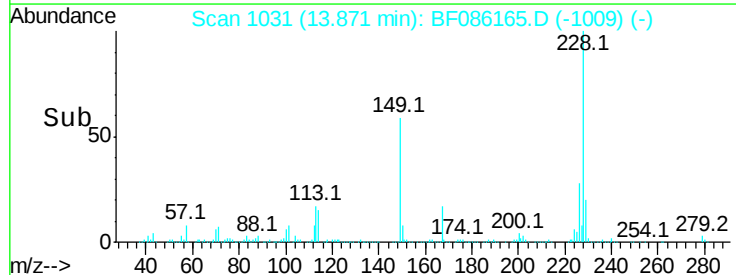
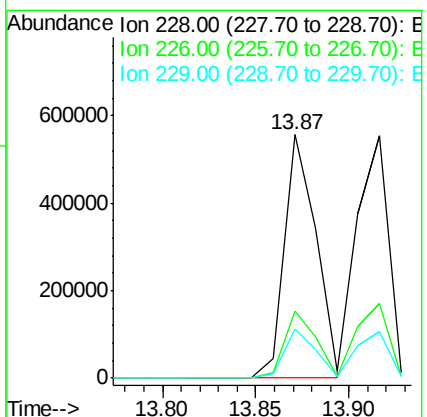
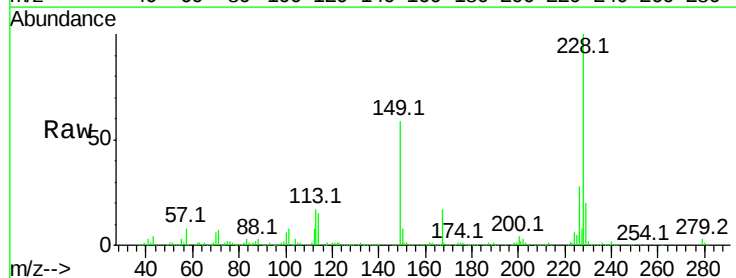
Manual Integrations
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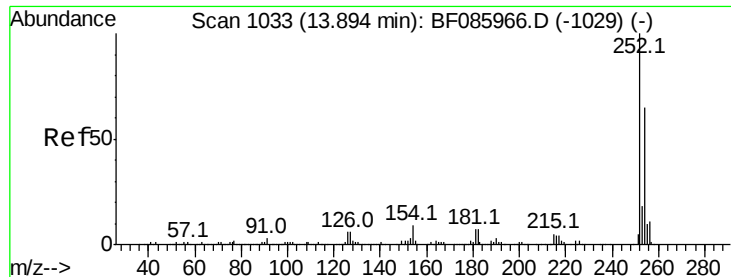
Sohil
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#80
Benzo(a)anthracene
Concen: 37.95 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	659760		
226	27.6		22.1	33.1
229	20.0		16.2	24.4





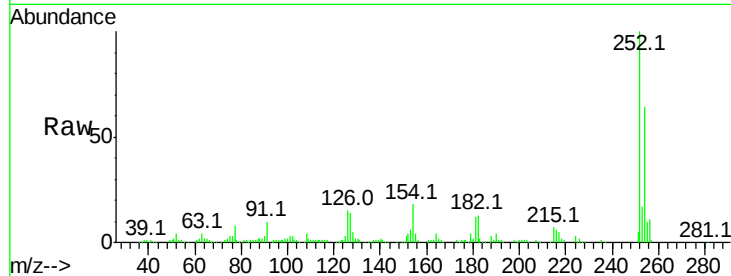
#81
 3,3'-Dichlorobenzidine
 Concen: 9.05 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

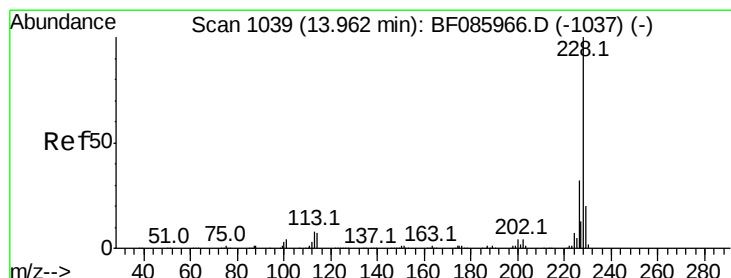
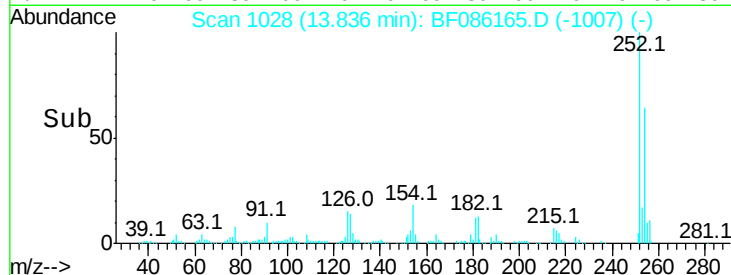
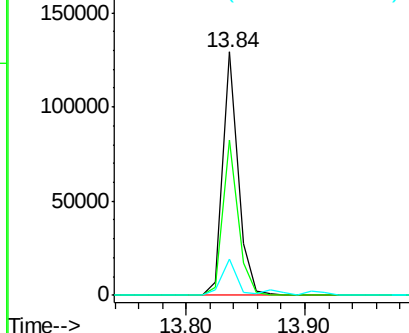
Tot Ion	Ratio	Resp	Lower	Upper
252	100	114940		
254	64.0	50.7	76.1	
126	14.8	11.8	17.6	

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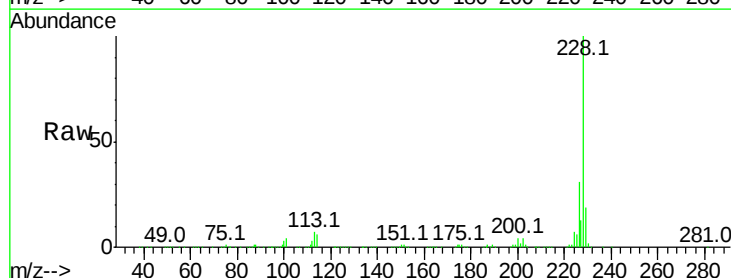


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

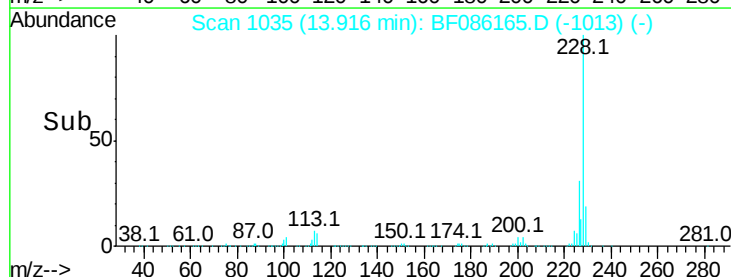
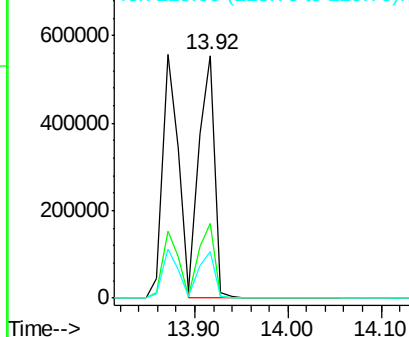


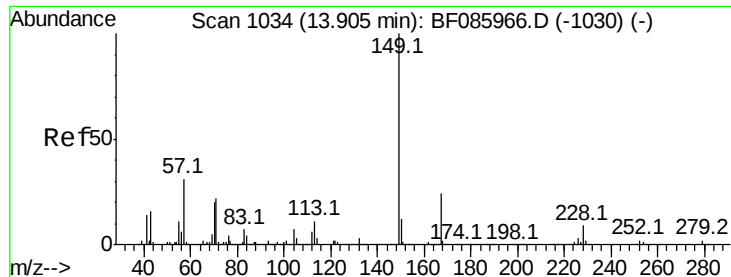
#82
 Chrysene
 Concen: 38.99 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	652809		
226	30.8	25.0	37.6	
229	19.4	15.7	23.5	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





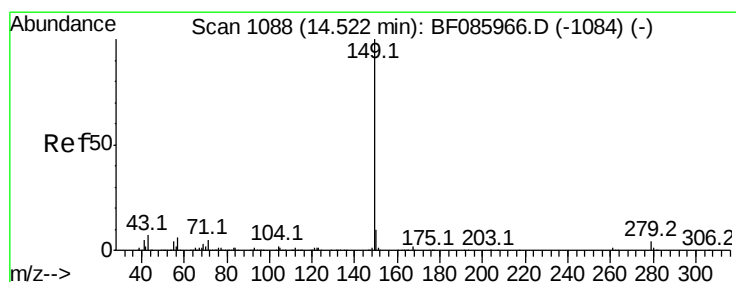
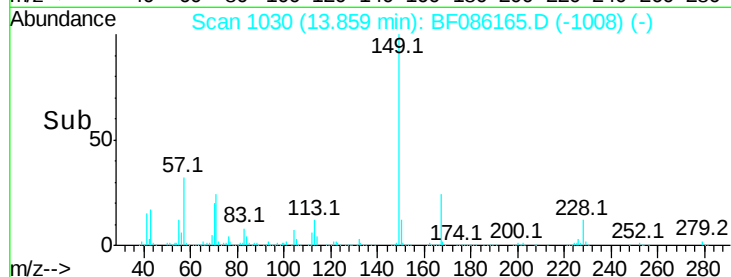
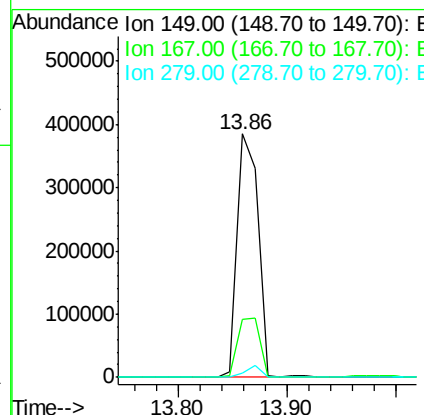
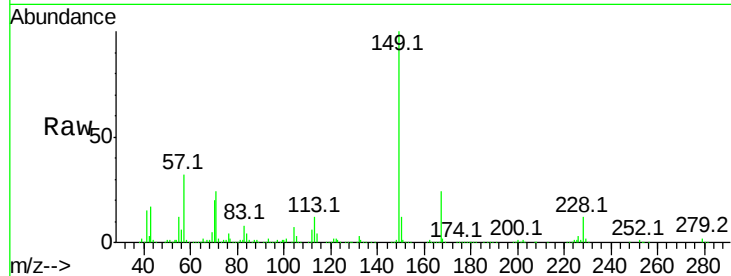
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.61 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	504285		
167	23.6		19.4	29.2
279	1.8		1.5	2.3

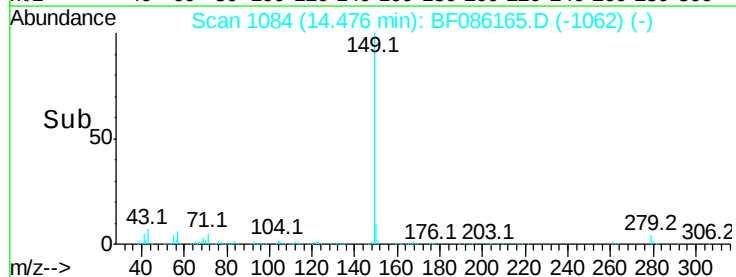
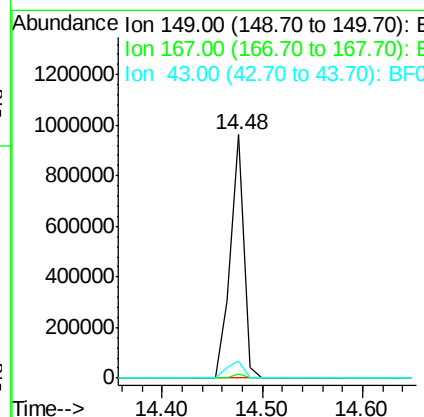
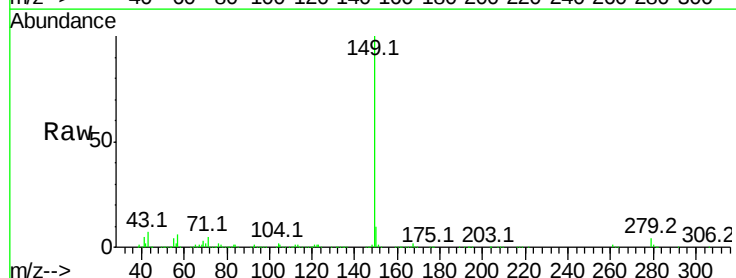
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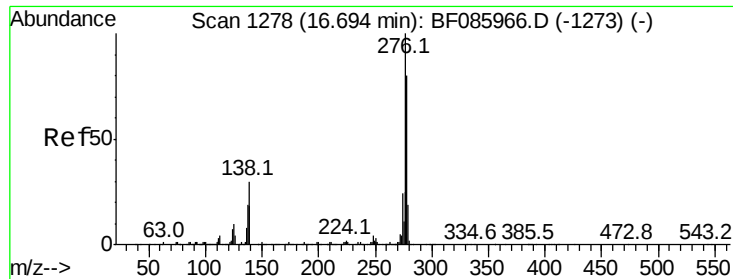
Sohil
4/11/2016 5:45:08 PM



#84
Di-n-octyl phthalate
Concen: 45.69 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	906110		
167	1.6		1.2	1.8
43	8.4		7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.85 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

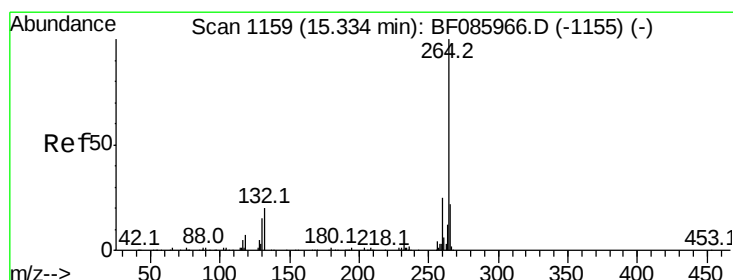
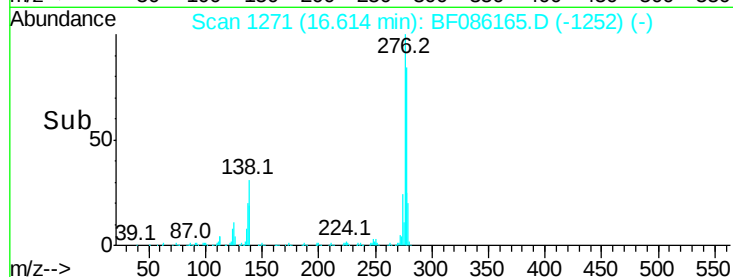
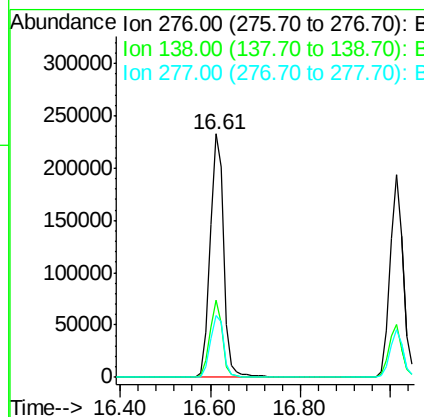
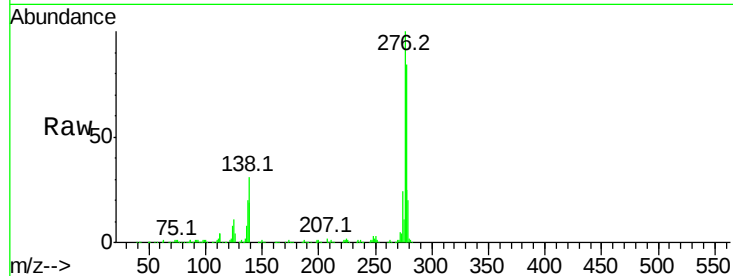
ClientSampleId :

PB89567BSD

Tot Ion:	276	Resp:	487007
Ion Ratio	Lower	Upper	
276	100		
138	29.5	24.2	36.4
277	25.3	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

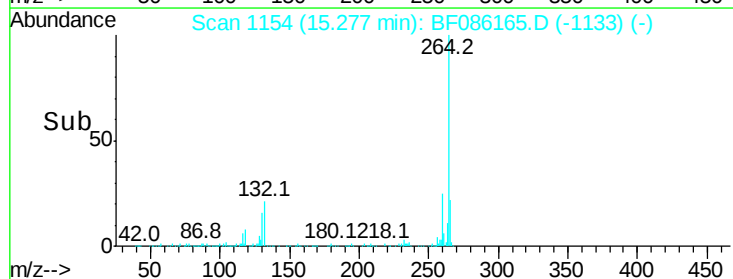
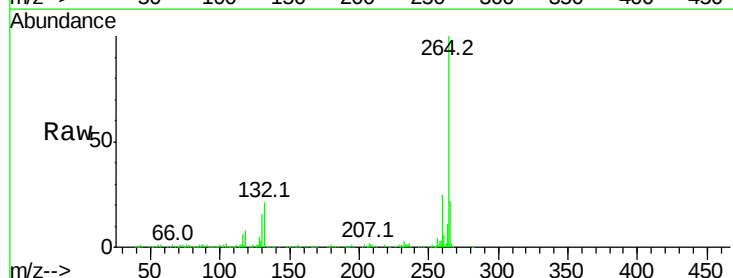
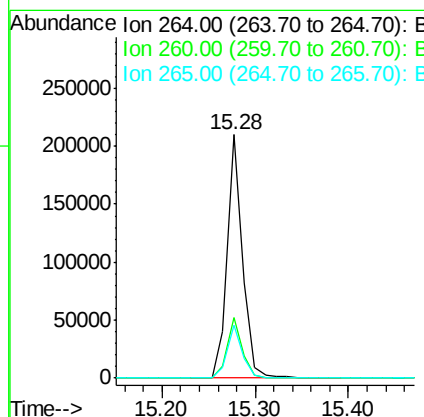
RT: 15.28 min Scan# 1154

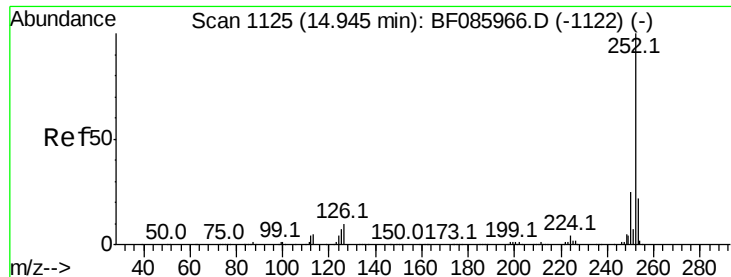
Delta R.T. -0.06 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion:	264	Resp:	239135
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.34 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Instrument :

BNA_F

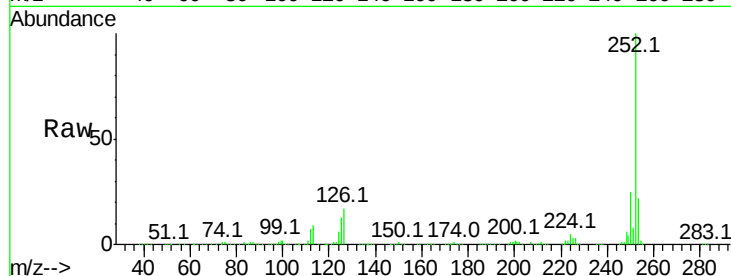
ClientSampleId :

PB89567BSD

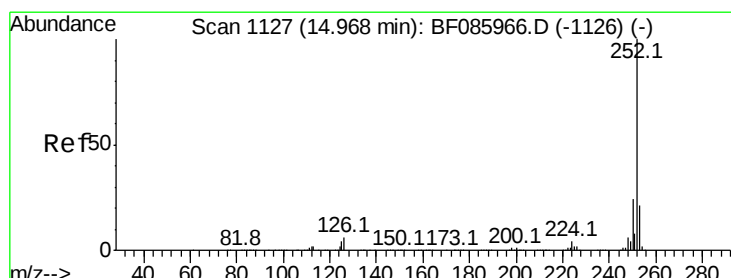
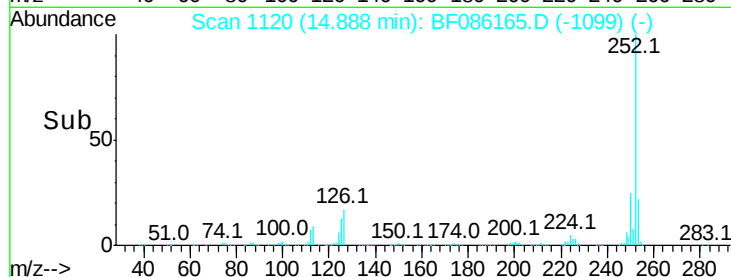
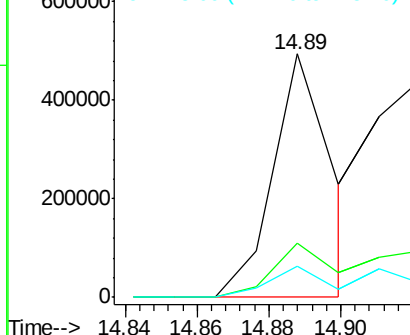
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	12.9	10.3	15.5

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



#88

Benzo(k)fluoranthene

Concen: 43.53 ng m

RT: 14.92 min Scan# 1123

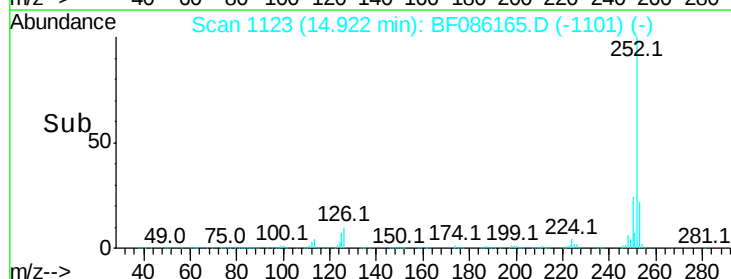
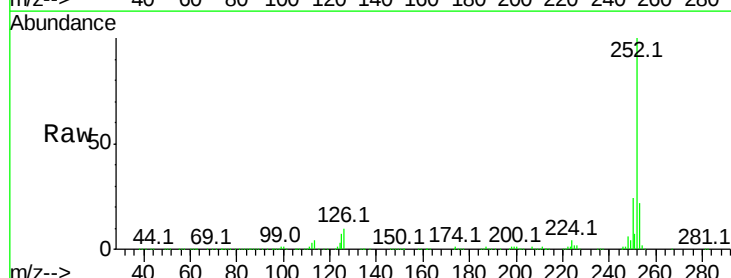
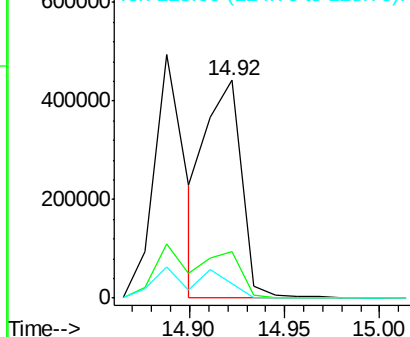
Delta R.T. -0.05 min

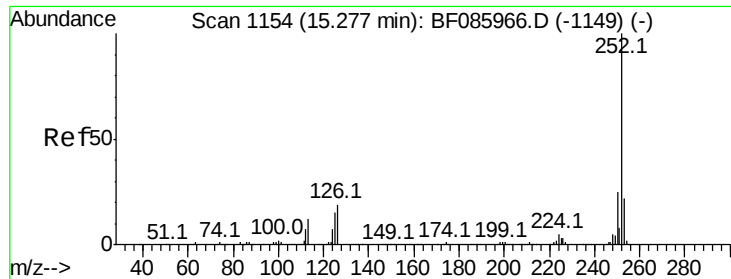
Lab File: BF086165.D

Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.6	7.7	11.5#

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





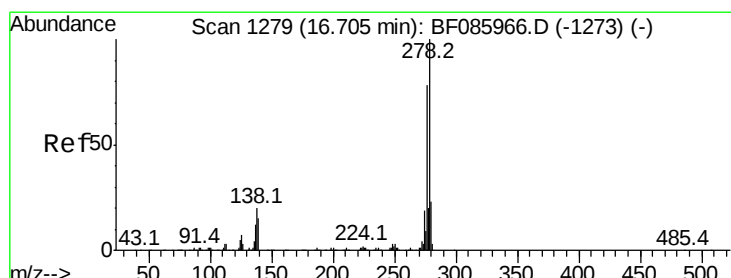
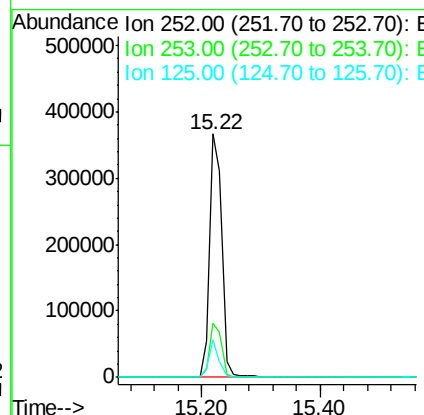
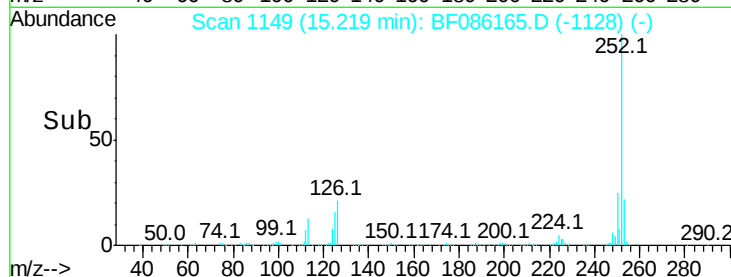
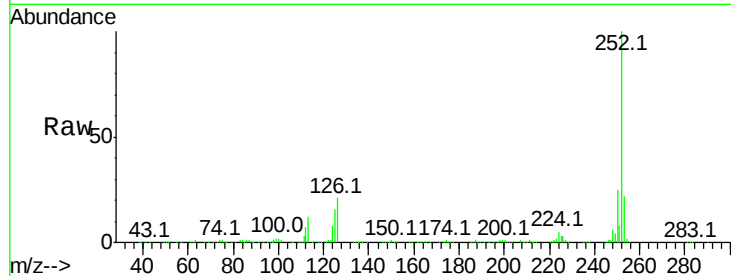
#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	15.6	10.3	15.5

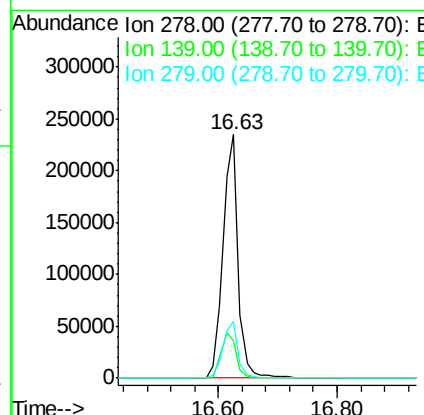
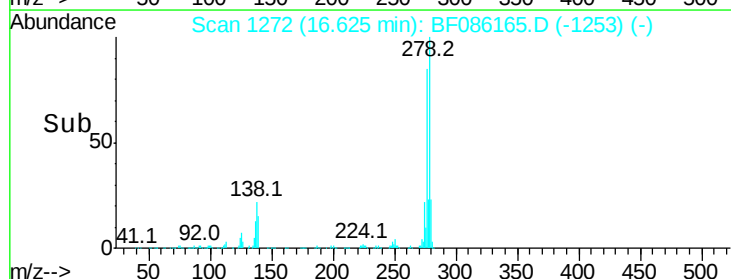
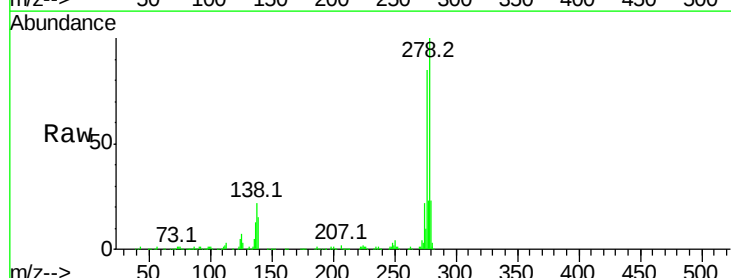
Manual Integrations
APPROVED

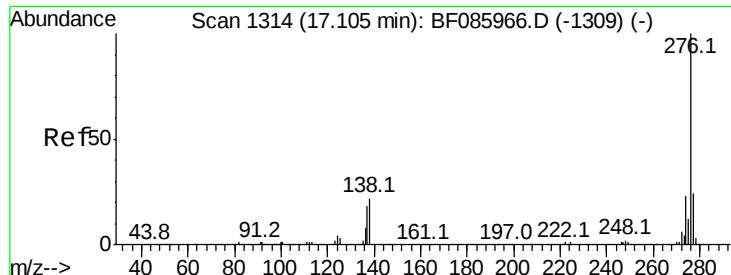
Sohil
4/11/2016 5:45:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.64 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086165.D
Acq: 8 Apr 2016 13:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.4	21.6
279	23.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 38.75 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086165.D
 Acq: 8 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	402092		
277	23.4		18.8	28.2
138	26.2		22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:08 PM

