

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086164.D
 Acq On : 8 Apr 2016 13:17
 Operator : UM/SJ
 Sample : PB89567BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:07 PM

Quant Time: Apr 08 23:49:43 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	110789	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	444608	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	213051	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	382346	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	278252	20.00	ng	-0.05
86) Perylene-d12	15.28	264	241261	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	722031	111.40	ng	-0.03
7) Phenol-d6	6.38	99	953604	115.83	ng	-0.03
23) Nitrobenzene-d5	7.30	82	573874	76.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	221584	110.81	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1078593	84.18	ng	-0.05
78) Terphenyl-d14	12.83	244	916095	77.39	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	99456	32.37	ng	99
3) Pyridine	3.02	79	235469	34.23	ng	99
4) n-Nitrosodimethylamine	2.97	42	117507	38.84	ng	98
6) Aniline	6.40	93	175181	16.22	ng	# 1
8) 2-Chlorophenol	6.51	128	285432	36.93	ng	88
9) Benzaldehyde	6.28	77	93778	21.17	ng	88
10) Phenol	6.40	94	386718	41.18	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	274004m	36.85	ng	
12) 1,3-Dichlorobenzene	6.67	146	297993	36.37	ng	99
13) 1,4-Dichlorobenzene	6.74	146	307537	36.44	ng	99
14) 1,2-Dichlorobenzene	6.90	146	290189	37.35	ng	99
15) Benzyl Alcohol	6.89	79	226516	42.53	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	315339	34.71	ng	74
17) 2-Methylphenol	7.00	107	240718	39.50	ng	96
18) Hexachloroethane	7.23	117	110669	35.65	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	193059	37.83	ng	96
20) 3+4-Methylphenols	7.16	107	318273	42.94	ng	# 61
22) Acetophenone	7.15	105	401247	38.39	ng	# 89
24) Nitrobenzene	7.32	77	315121	38.21	ng	# 87
25) Isophorone	7.56	82	574844	38.63	ng	96
26) 2-Nitrophenol	7.64	139	161189	40.85	ng	91
27) 2,4-Dimethylphenol	7.69	122	293816	41.45	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	339524	38.88	ng	99
29) 2,4-Dichlorophenol	7.88	162	239753	40.01	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	259439	38.57	ng	95
31) Naphthalene	8.03	128	830198	37.12	ng	99
32) Benzoic acid	7.82	122	135535	26.07	ng	99
33) 4-Chloroaniline	8.10	127	103001	11.40	ng	99
34) Hexachlorobutadiene	8.16	225	136279	37.69	ng	98
35) Caprolactam	8.46	113	79178m	41.65	ng	
36) 4-Chloro-3-methylphenol	8.59	107	260289	38.64	ng	97
37) 2-Methylnaphthalene	8.73	142	563321	38.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	238810	37.29	ng	99
40) Hexachlorocyclopentadiene	8.88	237	134022	63.40	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	154106	37.48	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	160713	38.50	nq #	85
45) 1,1'-Biphenyl	9.20	154	683017	37.18	nq	95
46) 2-Chloronaphthalene	9.22	162	517243	38.84	nq	98
47) 2-Nitroaniline	9.32	65	155998	40.04	nq	99
48) Acenaphthylene	9.63	152	811066	38.02	nq	99
49) Dimethylphthalate	9.50	163	613944	38.88	nq	98
50) 2,6-Dinitrotoluene	9.56	165	119329	35.72	nq	95
51) Acenaphthene	9.80	154	489259	38.57	nq	99
52) 3-Nitroaniline	9.73	138	71842	17.84	nq	99
53) 2,4-Dinitrophenol	9.86	184	101330	53.66	nq #	68
54) Dibenzofuran	9.97	168	661633	39.49	nq	98
55) 4-Nitrophenol	9.92	139	144838	61.02	nq	91
56) 2,4-Dinitrotoluene	9.97	165	154716	36.65	nq #	54
57) Fluorene	10.32	166	550633	38.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	125886	40.50	nq	99
59) Diethylphthalate	10.20	149	573181	35.96	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	235086	35.26	nq	97
61) 4-Nitroaniline	10.35	138	137393	34.65	nq	93
62) Azobenzene	10.46	77	616267	40.37	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	78632	33.94	nq #	79
65) n-Nitrosodiphenylamine	10.43	169	477821	39.96	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	158772	40.67	nq	98
67) Hexachlorobenzene	10.86	284	163645	40.54	nq #	92
68) Atrazine	10.97	200	150604	38.98	nq	95
69) Pentachlorophenol	11.07	266	122769	64.89	nq	99
70) Phenanthrene	11.28	178	832498	39.91	nq	99
71) Anthracene	11.32	178	781107	35.75	nq	99
72) Carbazole	11.48	167	691728	36.83	nq	99
73) Di-n-butylphthalate	11.81	149	862867	37.07	nq	100
74) Fluoranthene	12.46	202	804137	37.07	nq	89
76) Benzidine	12.59	184	290549	29.60	nq	97
77) Pyrene	12.68	202	793004	40.44	nq	99
79) Butylbenzylphthalate	13.31	149	401380	45.46	nq	92
80) Benzo(a)anthracene	13.87	228	656851	40.05	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	115750	9.66	nq	99
82) Chrysene	13.92	228	665584	42.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	509423	43.47	nq #	92
84) Di-n-octyl phthalate	14.48	149	874556	46.74	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	492397	38.41	nq	100
87) Benzo(b)fluoranthene	14.89	252	547540m	36.08	nq	
88) Benzo(k)fluoranthene	14.92	252	599503m	44.61	nq	
89) Benzo(a)pyrene	15.23	252	538776	40.07	nq #	96
90) Dibenzo(a,h)anthracene	16.63	278	413393	38.21	nq	99
91) Benzo(g,h,i)perylene	17.01	276	406814	38.85	nq	99

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

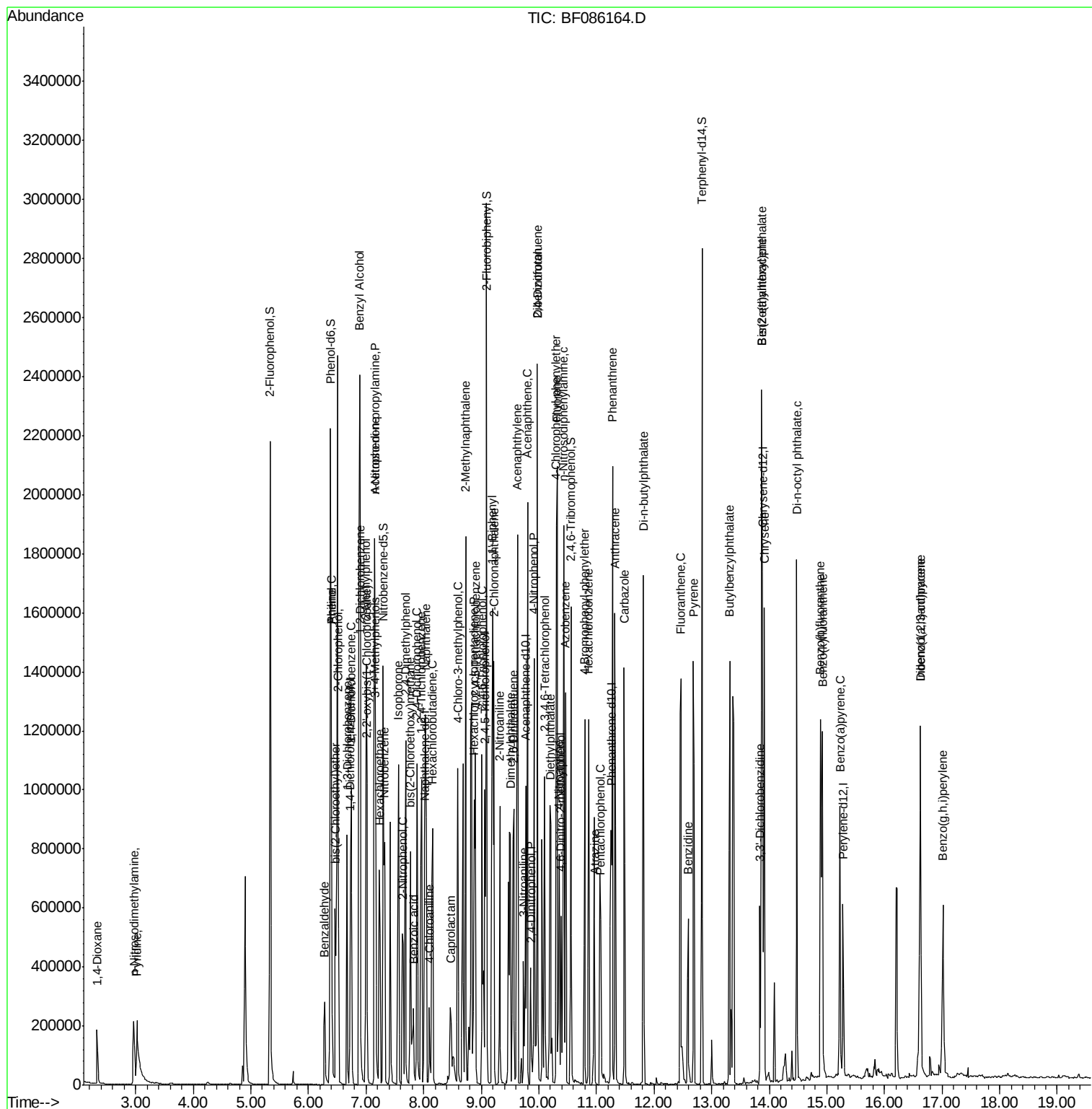
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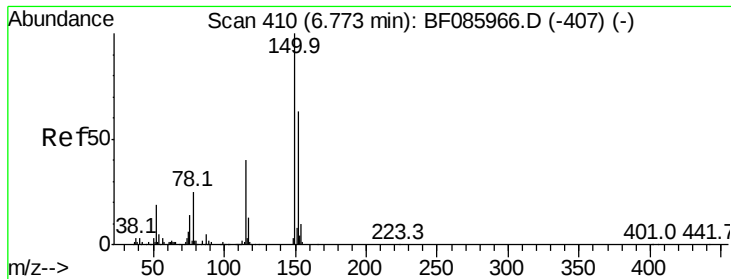
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#1

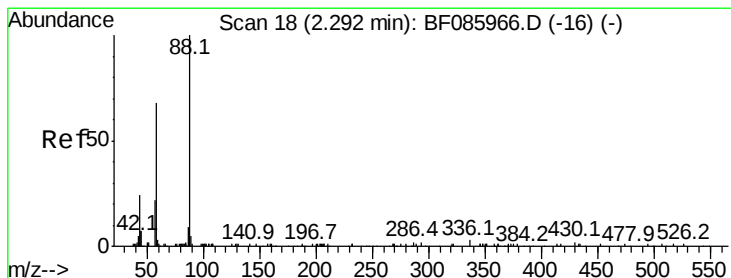
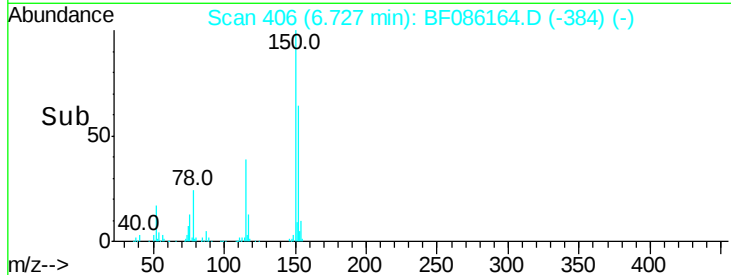
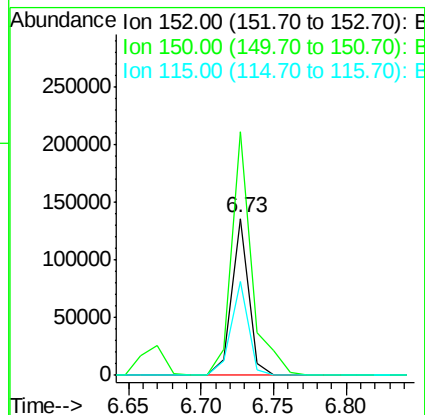
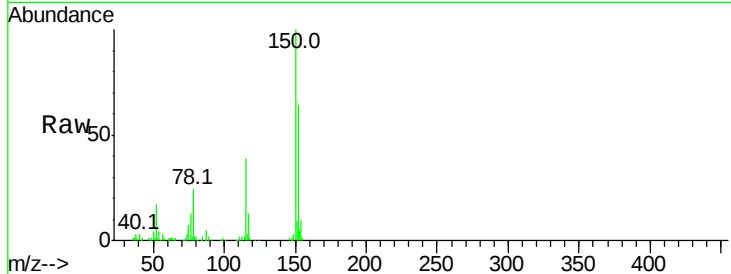
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	60.1	47.0	70.6

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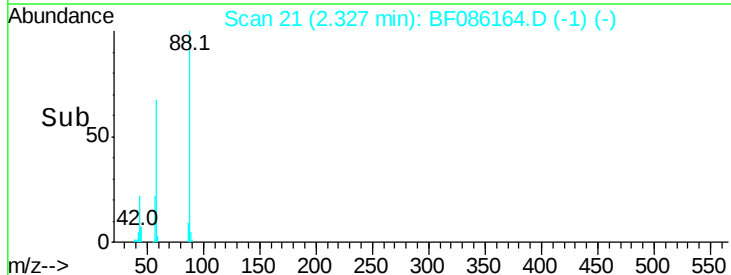
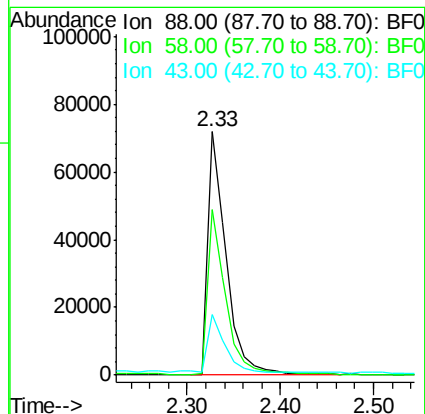
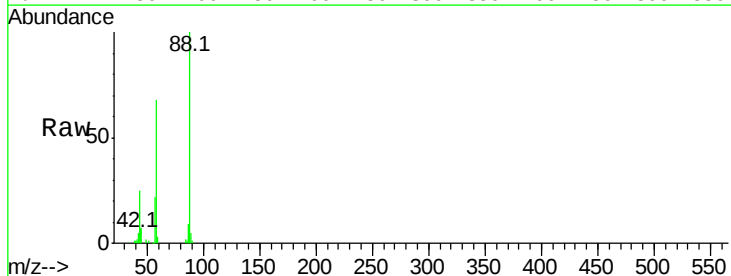
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#2

1,4-Dioxane
Concen: 32.37 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.2	81.2
43	22.2	19.3	28.9





#3

Pvridine

Concen: 34.23 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

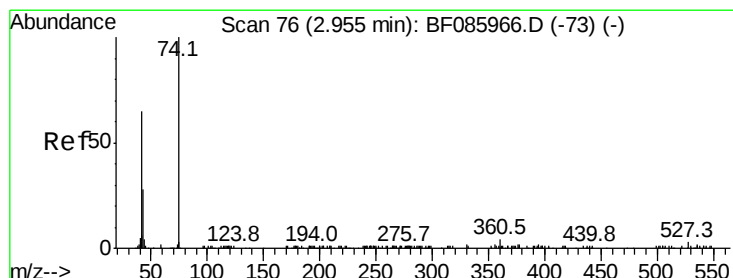
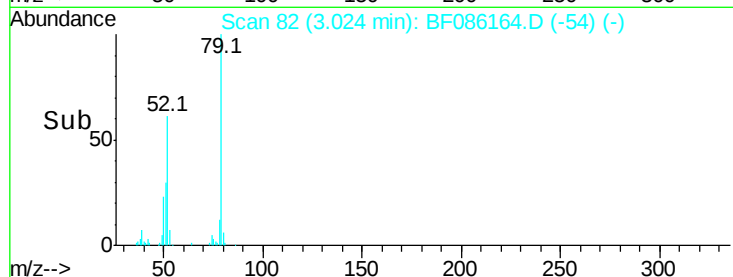
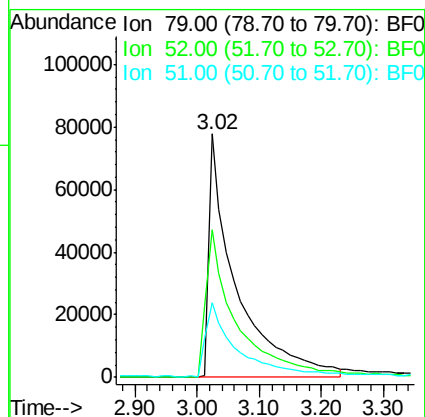
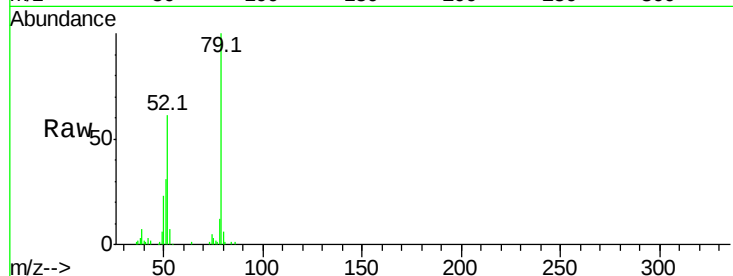
ClientSampleId :

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Tot Ion	79	Resp	235469
Ion Ratio	Lower	Upper	
79	100		
52	60.7	49.8	74.6
51	30.8	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 38.84 ng

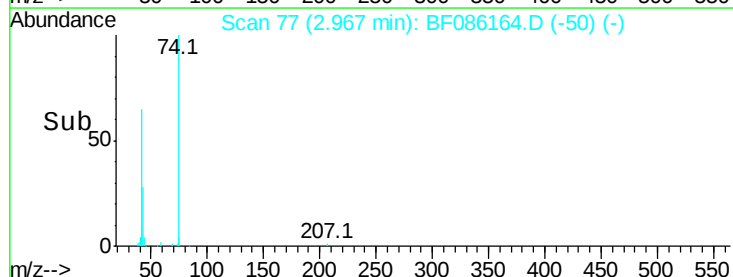
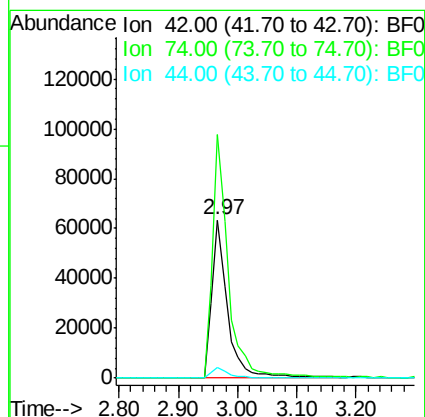
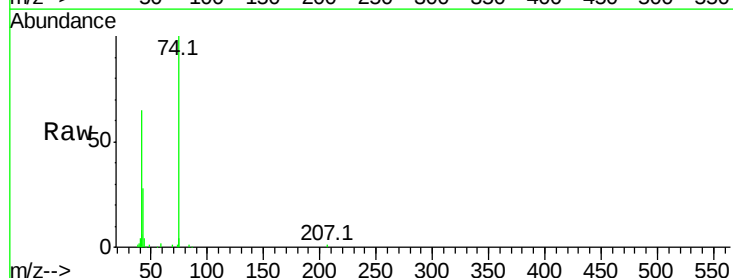
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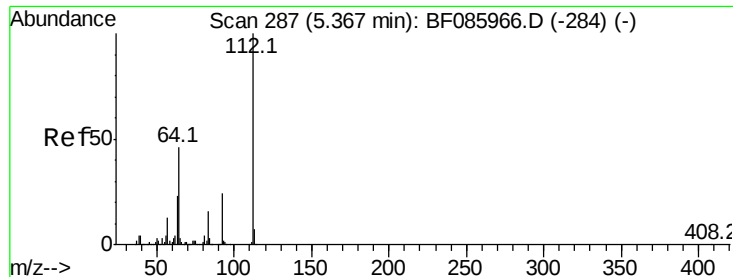
Delta R.T. 0.01 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion	42	Resp	117507
Ion Ratio	Lower	Upper	
42	100		
74	153.8	121.4	182.2
44	6.4	5.6	8.4





#5

2-Fluorophenol

Concen: 111.40 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

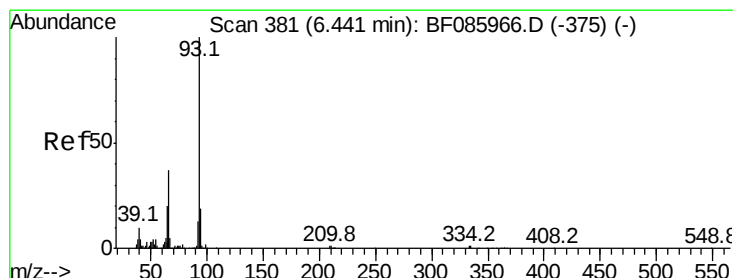
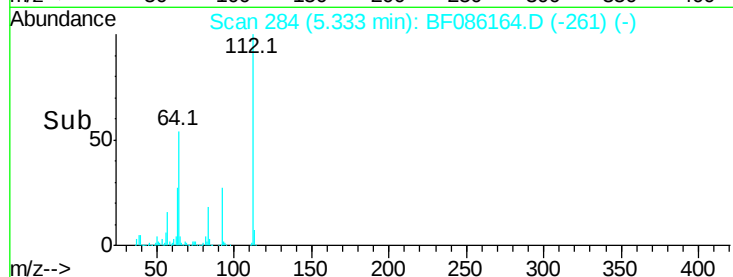
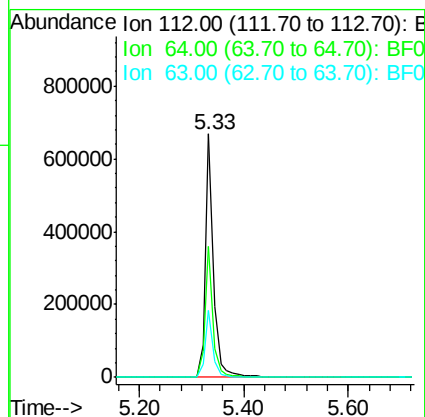
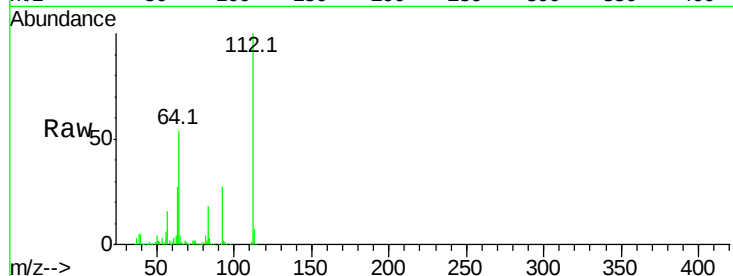
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	722031		
64	54.0	39.9	59.9	
63	27.3	20.2	30.2	



#6

Aniline

Concen: 16.22 ng

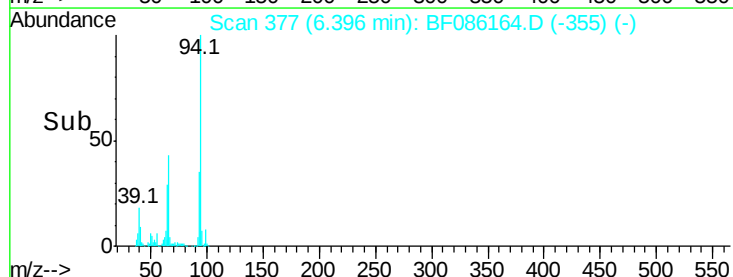
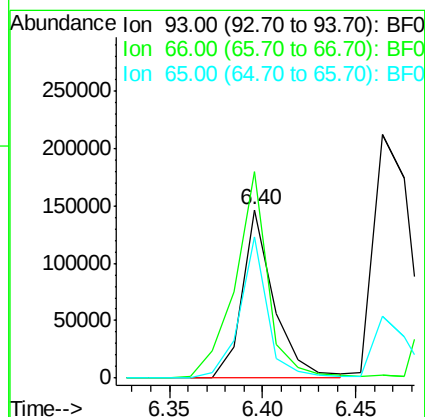
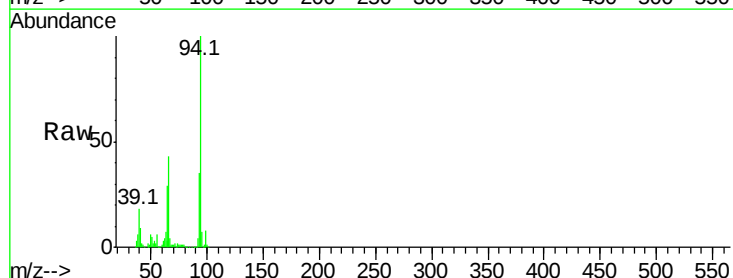
RT: 6.40 min Scan# 377

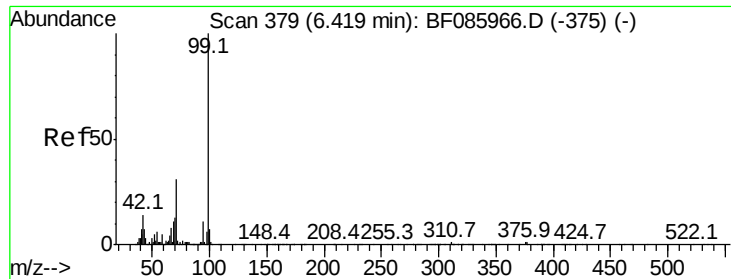
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175181		
66	122.9	31.4	47.2#	
65	83.5	15.7	23.5#	





#7

Phenol-d6

Concen: 115.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

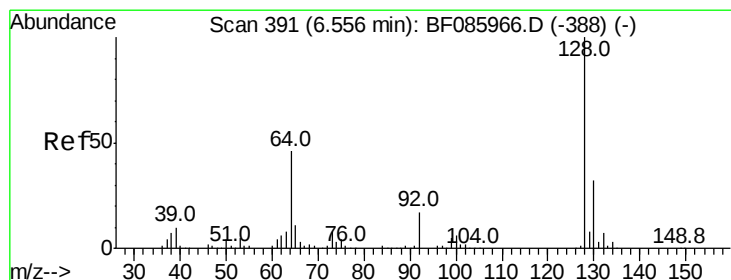
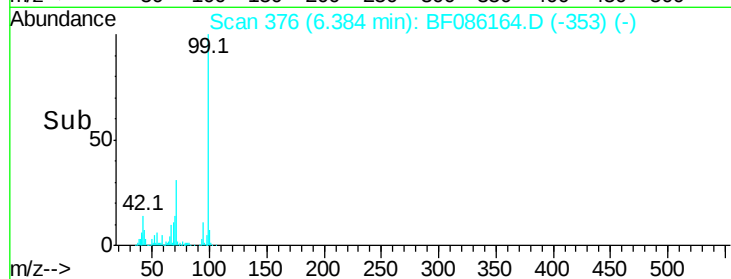
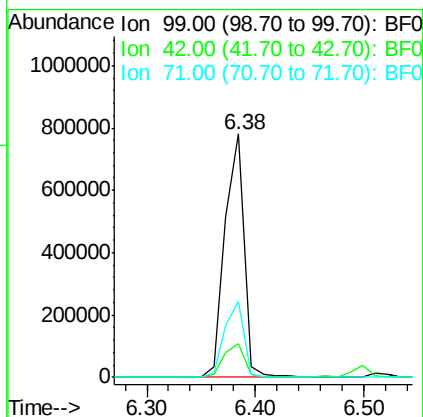
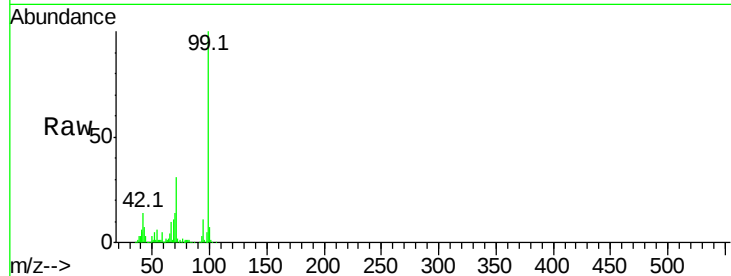
ClientSampleId :

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Tot Ion:	99	Resp:	953604
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.1	16.7
71	31.2	24.9	37.3

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#8

2-Chlorophenol

Concen: 36.93 ng

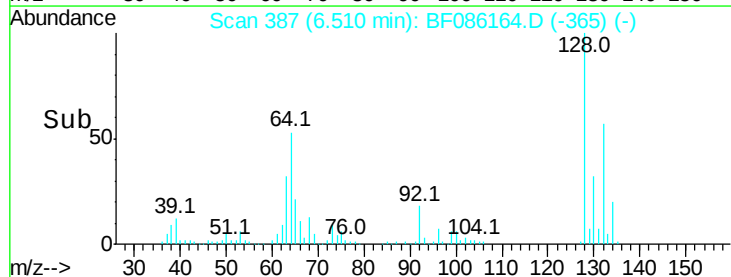
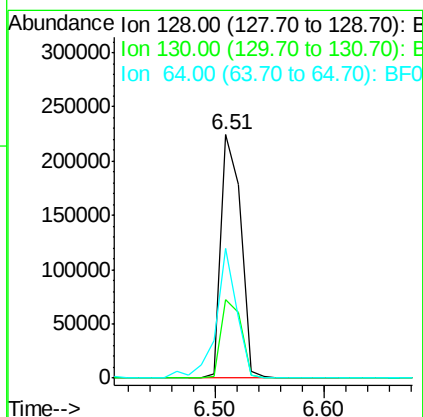
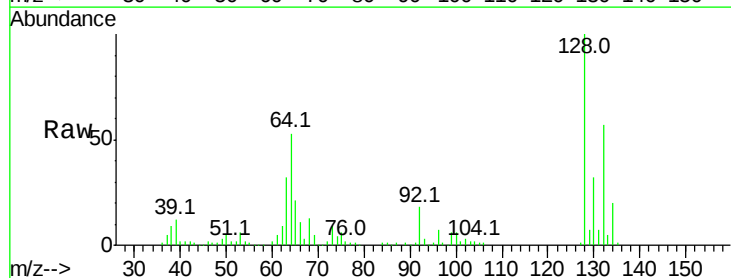
RT: 6.51 min Scan# 387

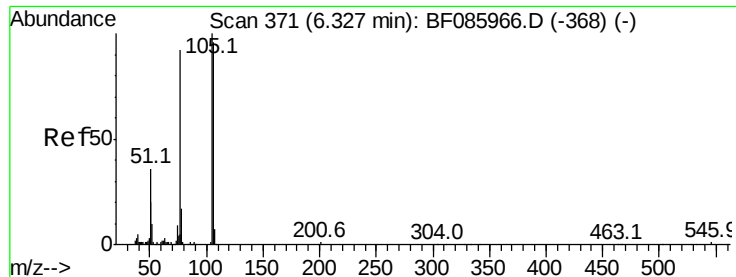
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	128	Resp:	285432
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	53.2	20.2	60.2





#9

Benzaldehyde

Concen: 21.17 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

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BNA_F

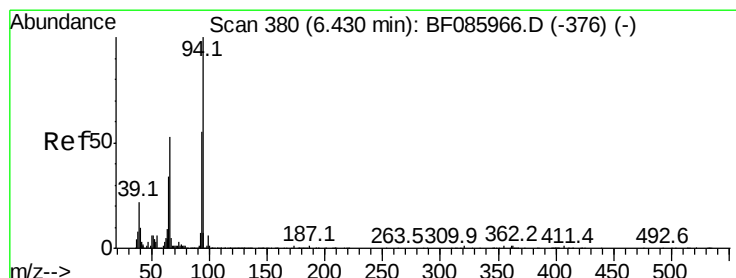
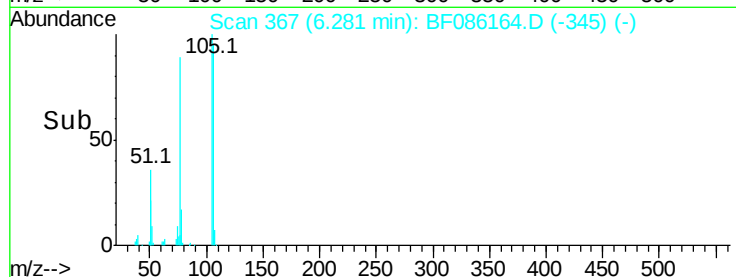
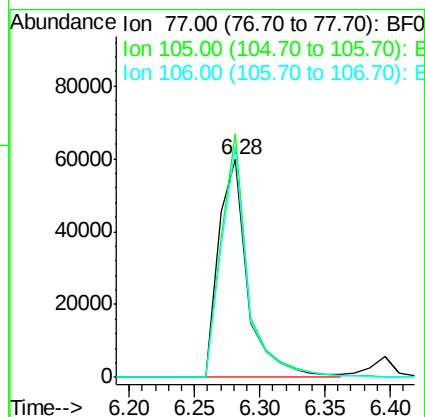
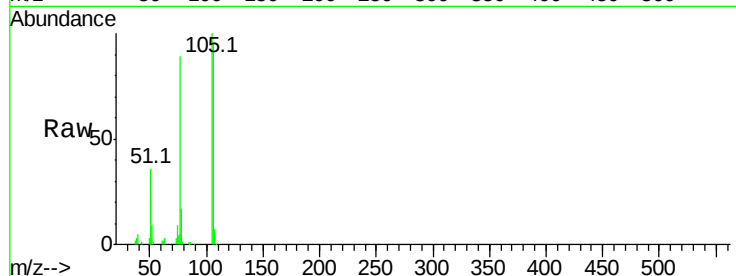
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Tot Ion	Ratio	Lower	Upper
77	100		
105	111.9	80.1	120.1
106	106.2	75.0	115.0



#10

Phenol

Concen: 41.18 ng

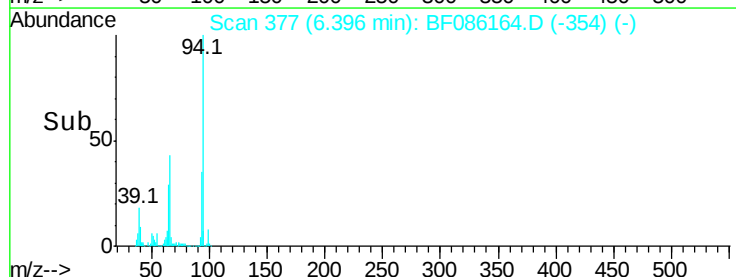
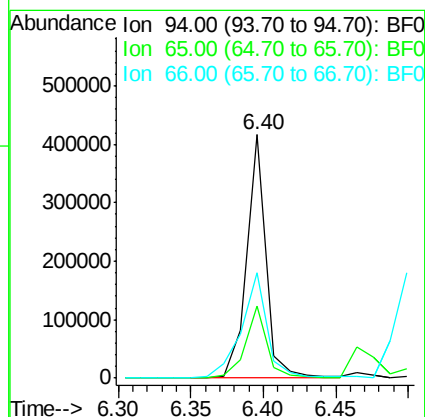
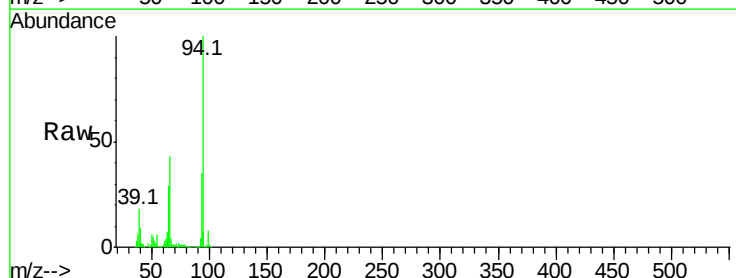
RT: 6.40 min Scan# 377

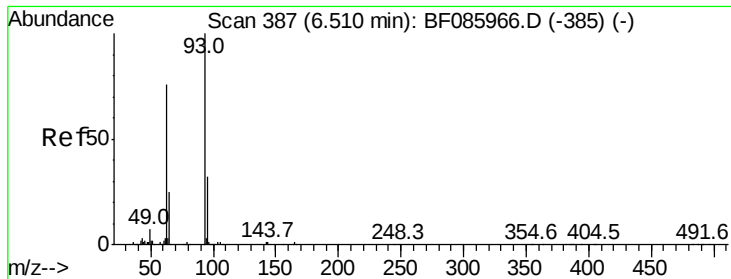
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.6	48.6
66	43.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 36.85 ng/mL

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

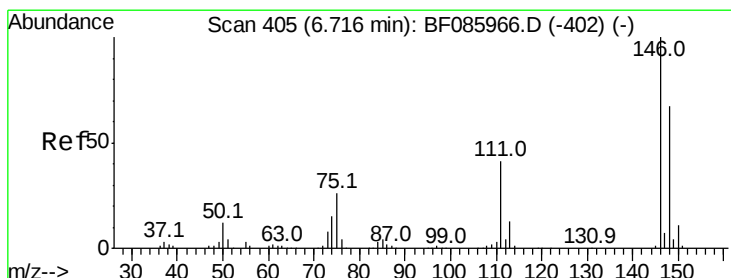
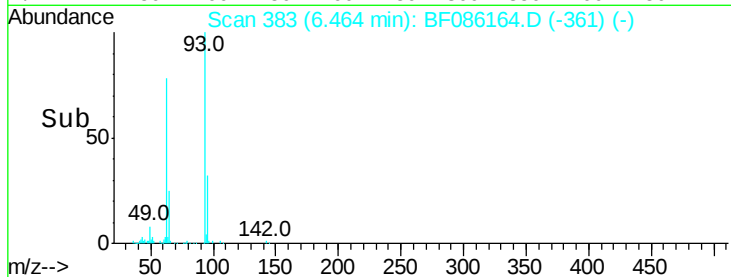
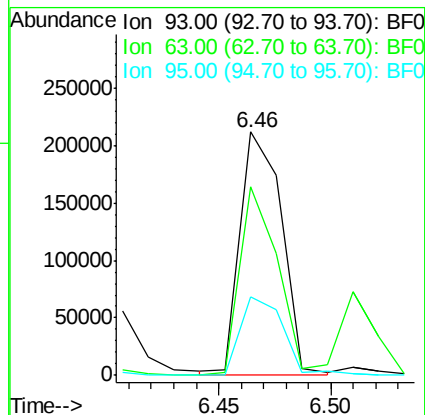
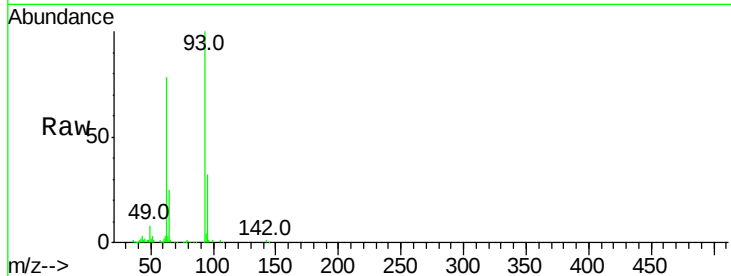
ClientSampleID :

PB89567BS

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Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	50.9	90.9
95	32.4	13.3	53.3



#12

1,3-Dichlorobenzene

Concen: 36.37 ng/mL

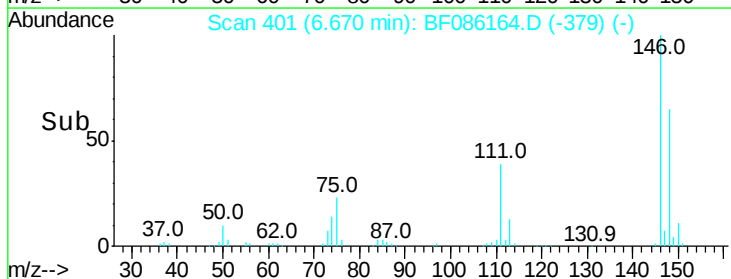
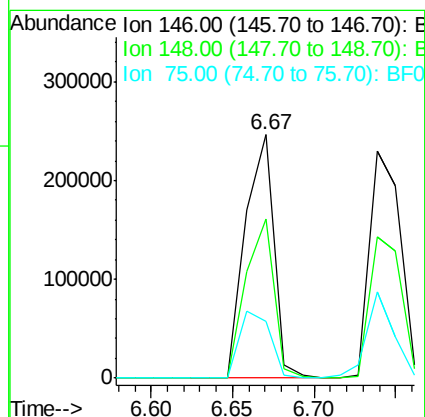
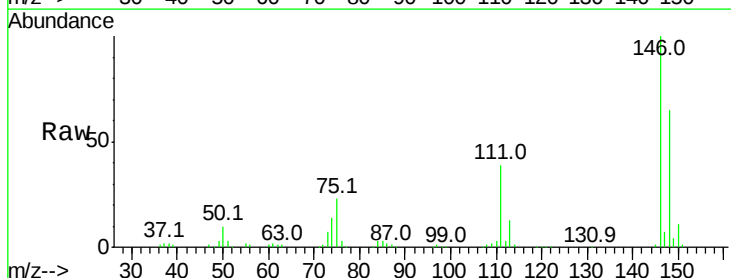
RT: 6.67 min Scan# 401

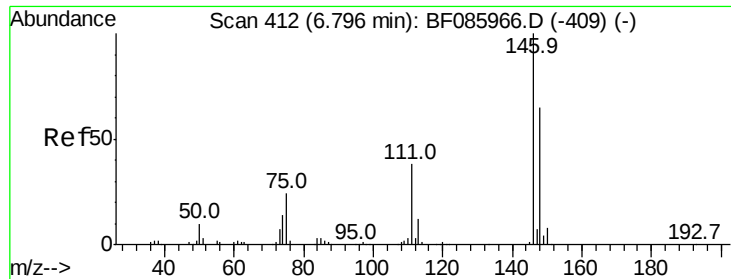
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
75	23.3	17.4	26.2





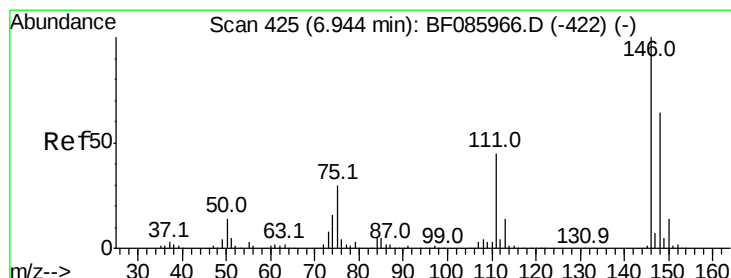
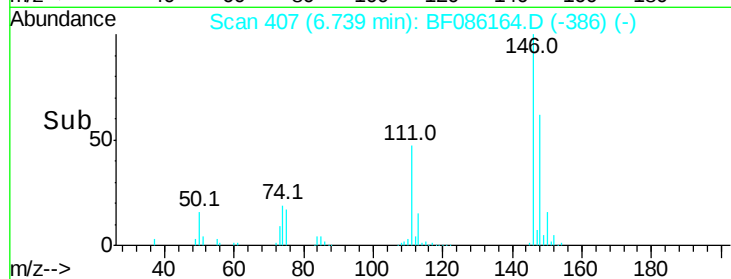
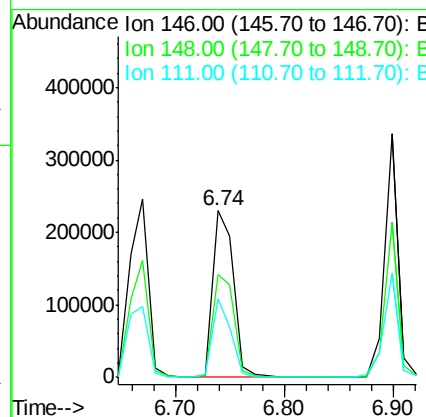
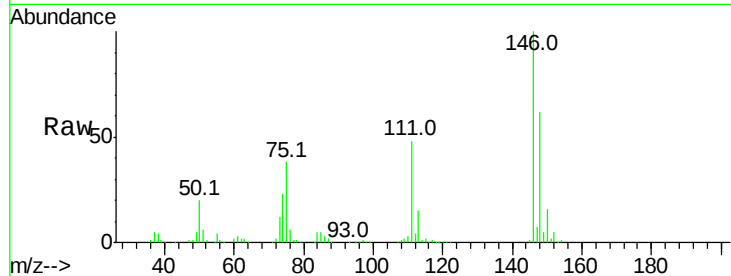
#13
1,4-Dichlorobenzene
Concen: 36.44 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	47.6	37.8	56.6

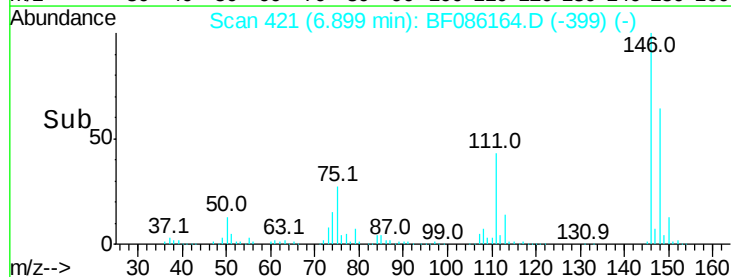
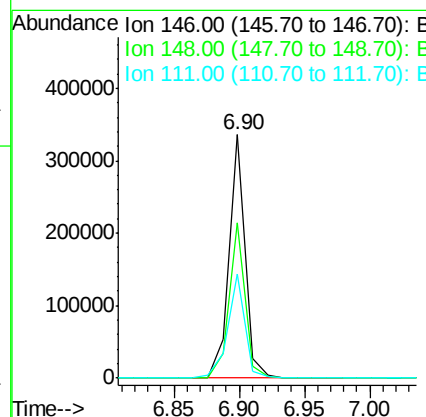
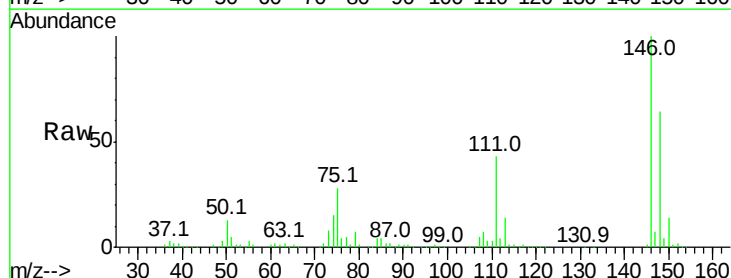
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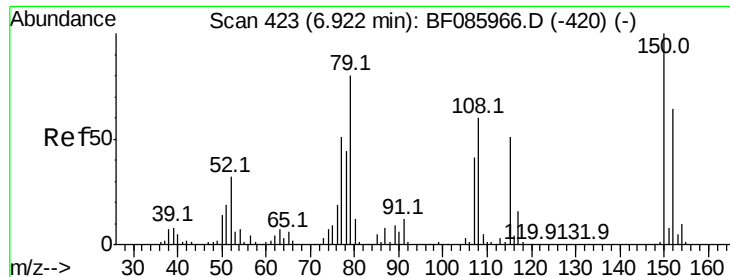
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#14
1,2-Dichlorobenzene
Concen: 37.35 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.9	34.6	52.0





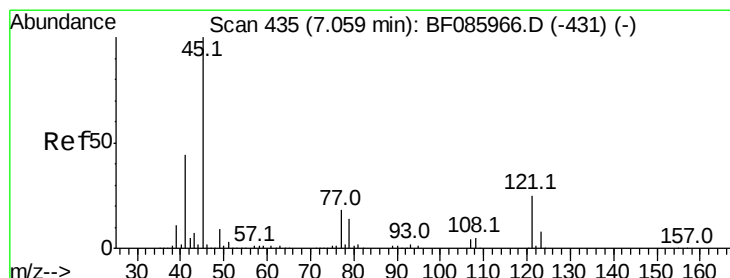
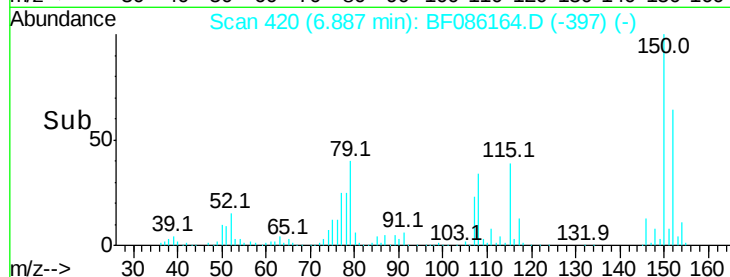
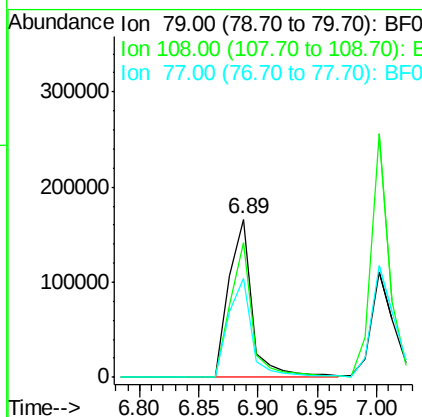
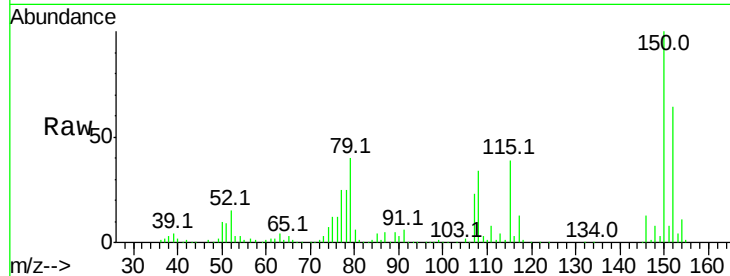
#15
Benzyl Alcohol
Concen: 42.53 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.1	61.8	92.6
77	62.6	49.6	74.4

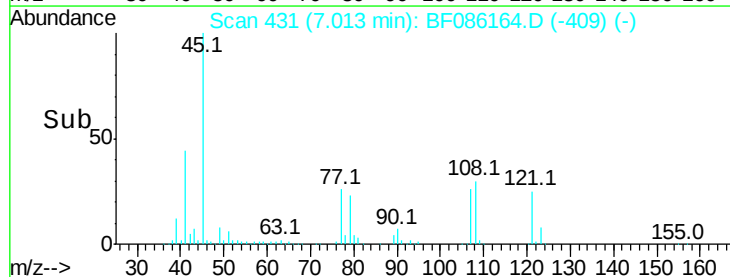
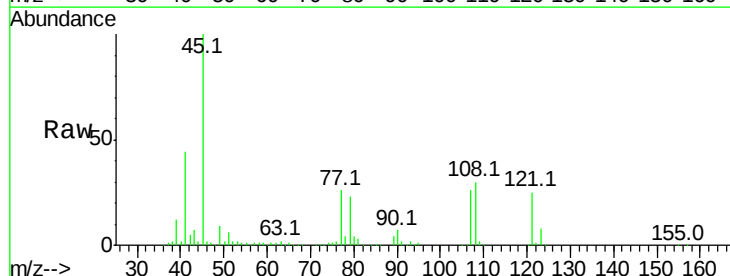
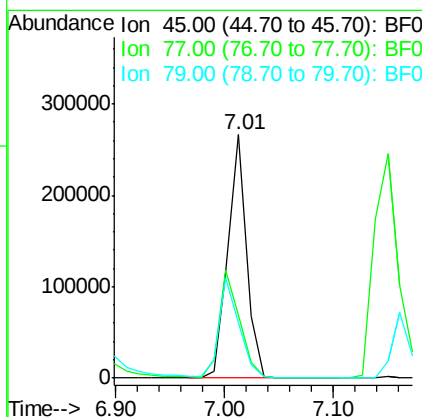
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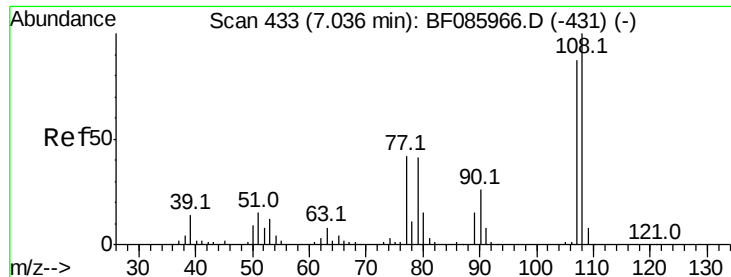
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.71 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.0	0.0	35.7
79	22.8	0.0	32.2





#17

2-Methylphenol

Concen: 39.50 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

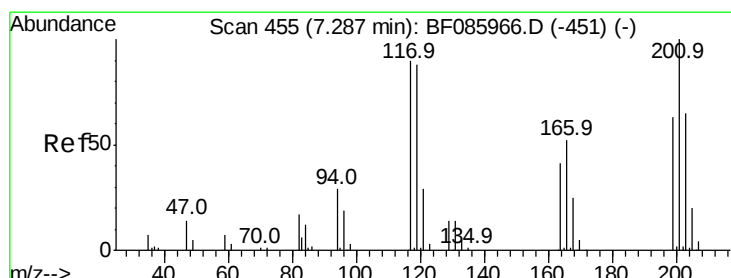
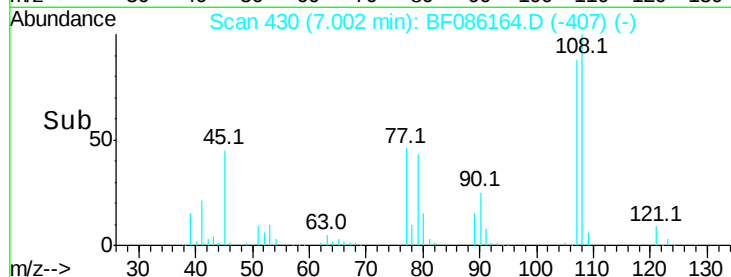
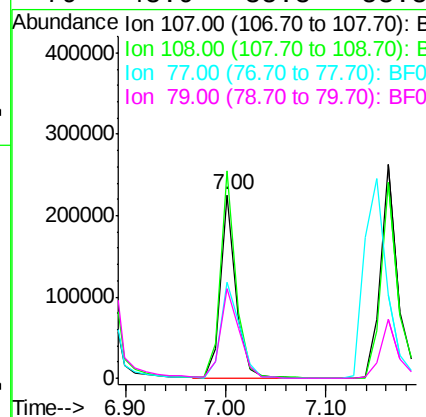
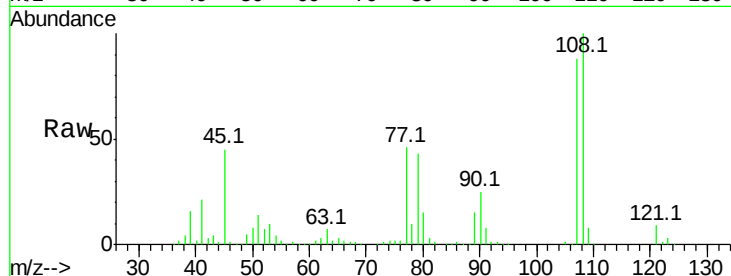
ClientSampleId :

PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	240718		
108	113.4	91.4	137.0	
77	52.1	36.2	54.2	
79	48.9	35.8	53.8	

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#18

Hexachloroethane

Concen: 35.65 ng

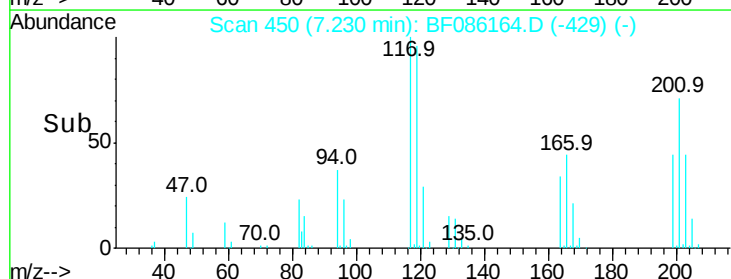
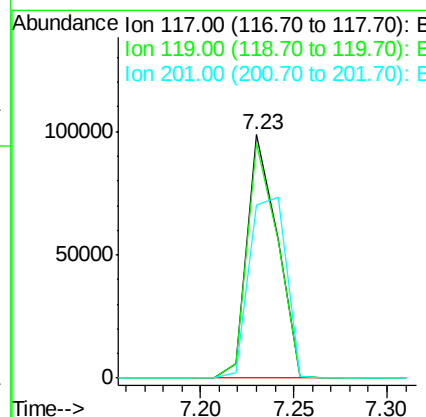
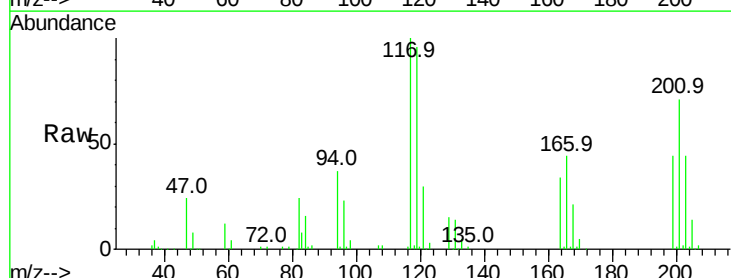
RT: 7.23 min Scan# 450

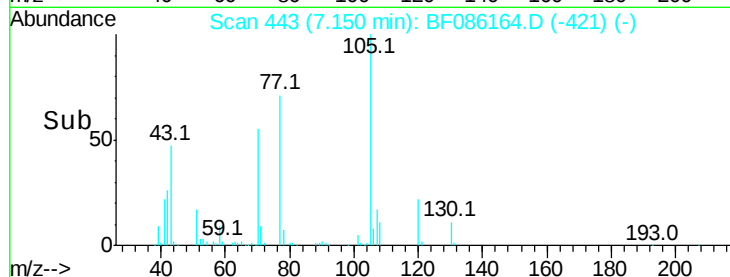
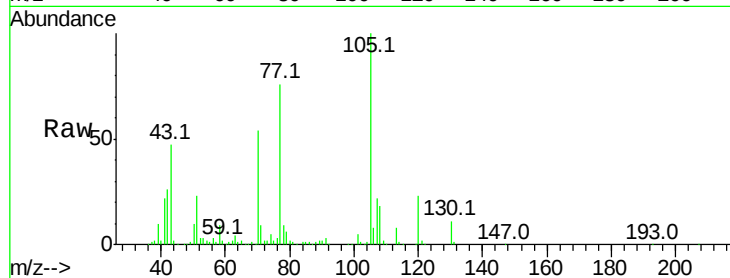
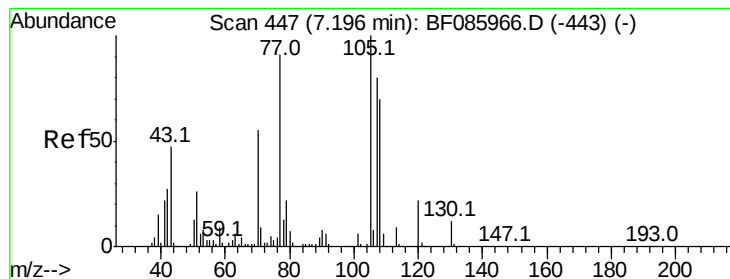
Delta R.T. -0.06 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110669		
119	96.5	76.7	115.1	
201	71.1	83.3	124.9#	





#19

n-Nitroso-di-n-propylamine

Concen: 37.83 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tot Ion: 70 Resp: 193059

Ion Ratio Lower Upper

70 100

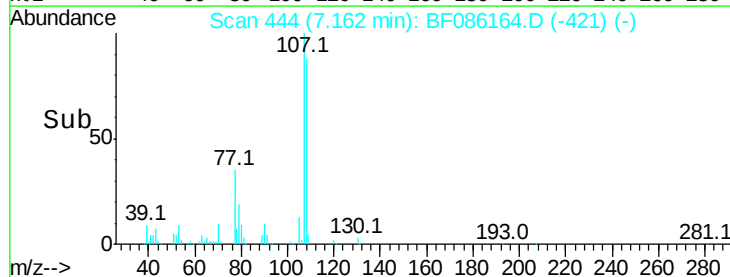
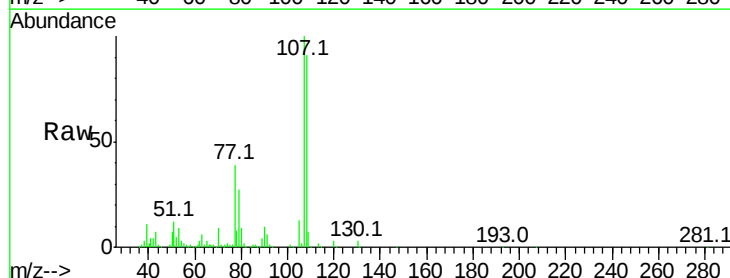
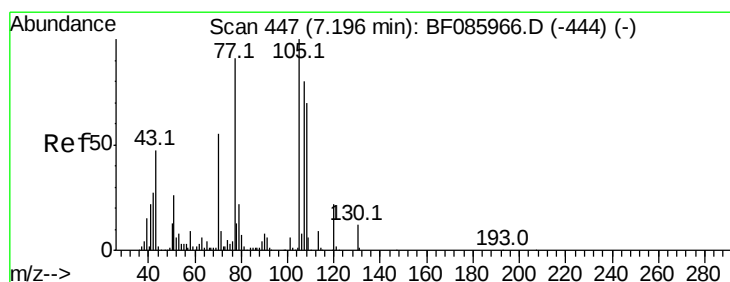
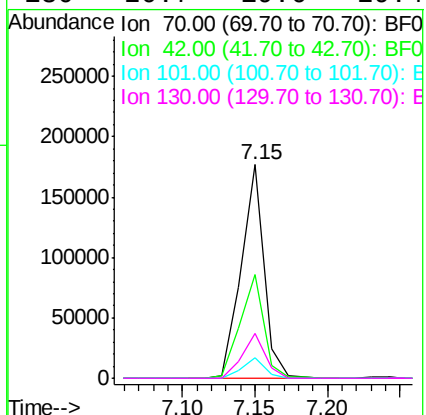
42 48.6 37.1 55.7

101 9.9 8.6 12.8

130 20.7 19.6 29.4

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#20

3+4-Methylphenols

Concen: 42.94 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:107 Resp: 318273

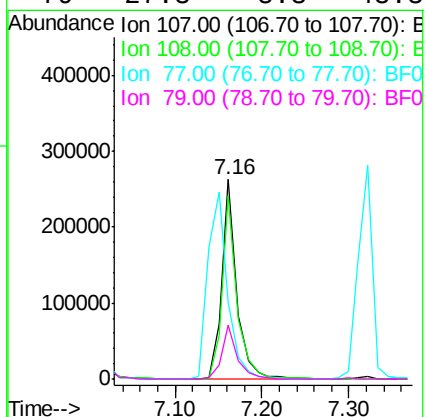
Ion Ratio Lower Upper

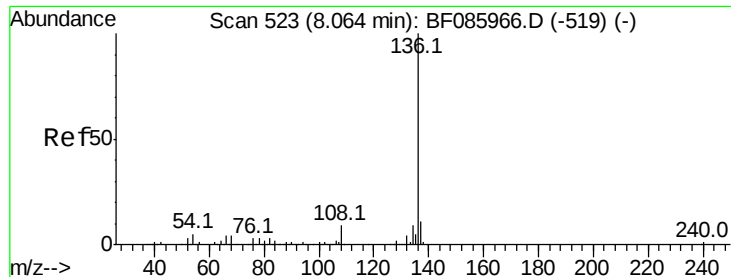
107 100

108 91.5 69.3 109.3

77 38.7 101.7 141.7#

79 27.3 8.3 48.3





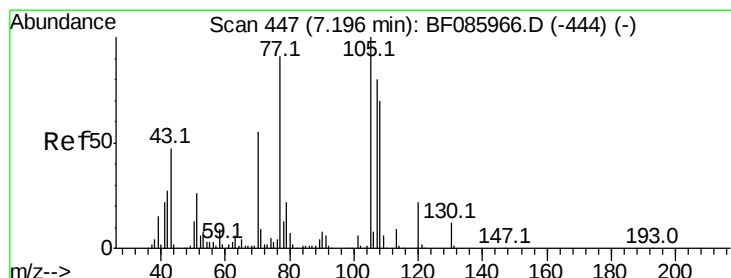
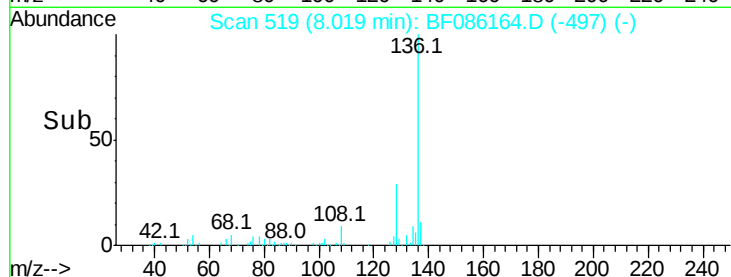
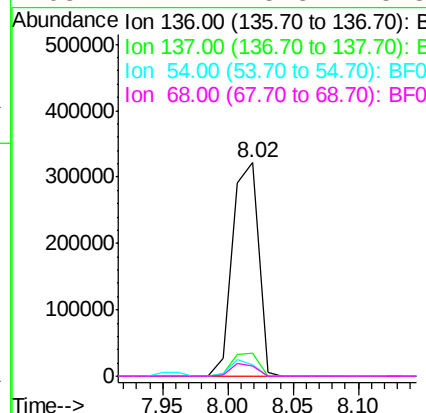
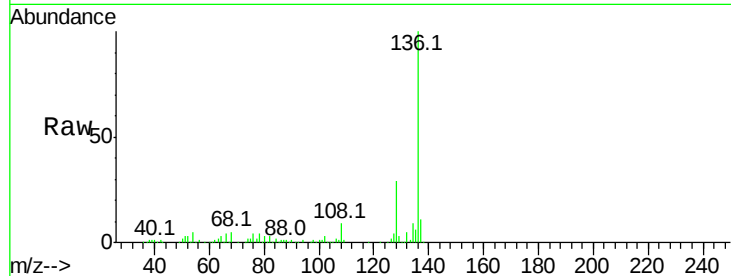
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	5.1	7.4	11.0	
68	4.7	5.8	8.8	

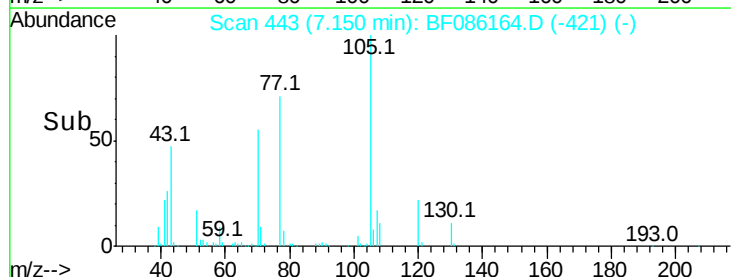
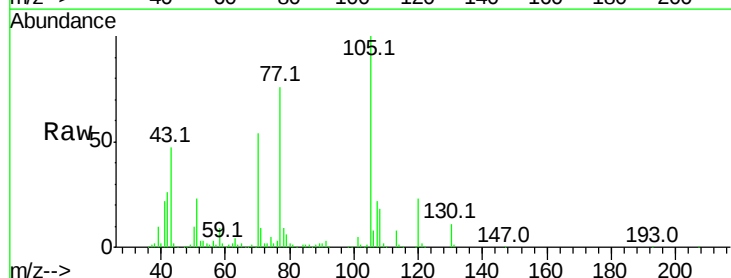
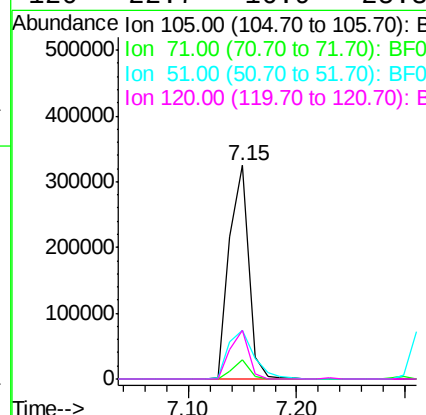
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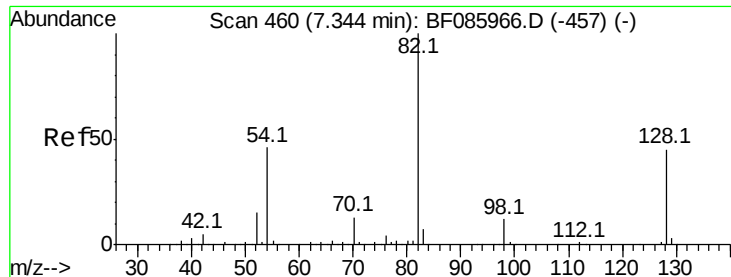
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#22
Acetophenone
Concen: 38.39 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	3.6	5.4	
51	22.8	25.4	38.0	
120	22.7	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 76.12 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

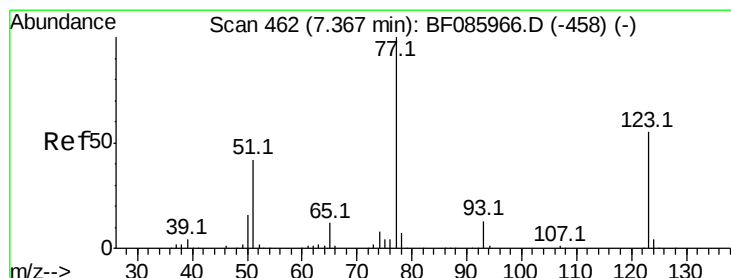
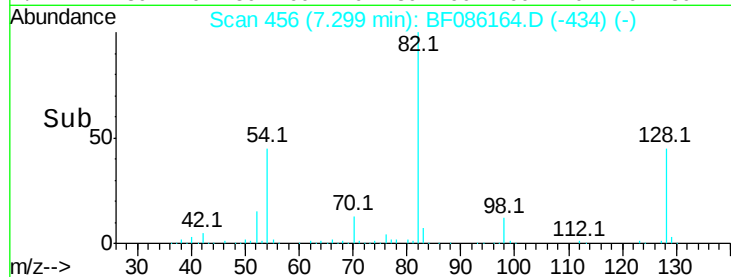
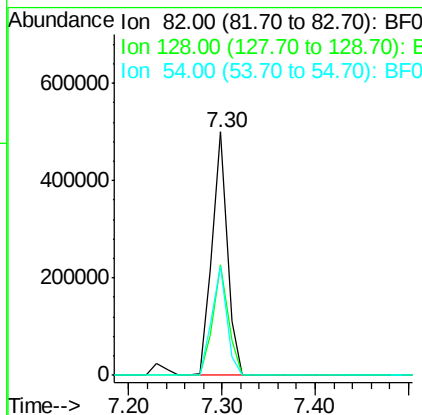
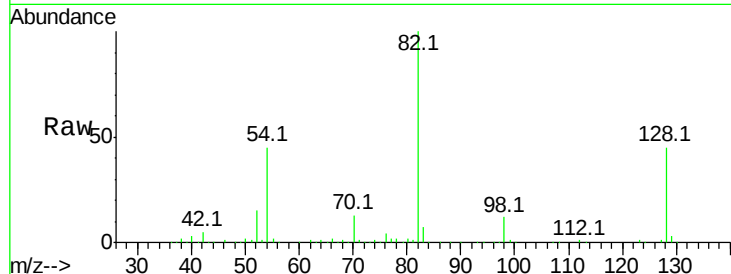
ClientSampleId :

PB89567BS

Tot Ion:	82	Resp:	573874
Ion Ratio	Lower	Upper	
82	100		
128	45.4	41.8	62.8
54	44.9	33.4	50.0

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#24

Nitrobenzene

Concen: 38.21 ng

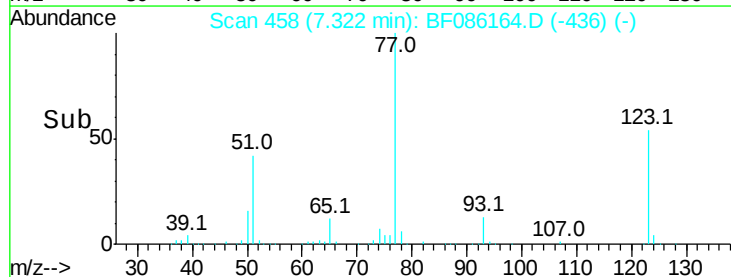
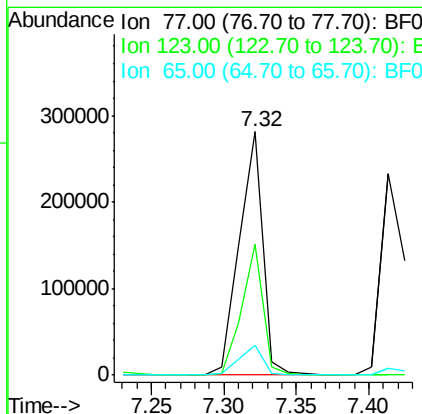
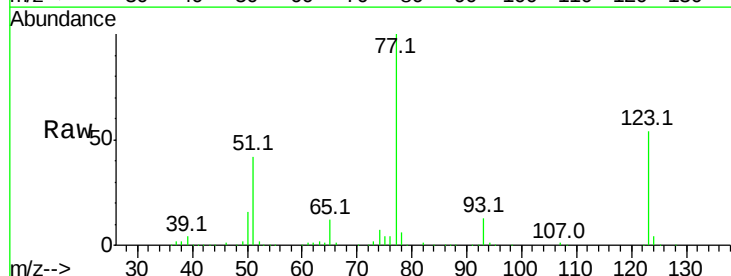
RT: 7.32 min Scan# 458

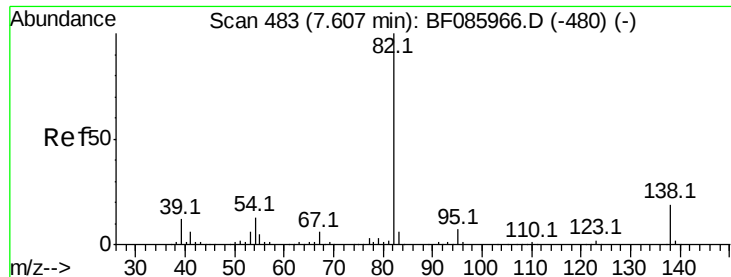
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	77	Resp:	315121
Ion Ratio	Lower	Upper	
77	100		
123	54.0	35.0	52.4#
65	12.4	10.6	16.0





#25

Isophorone

Concen: 38.63 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

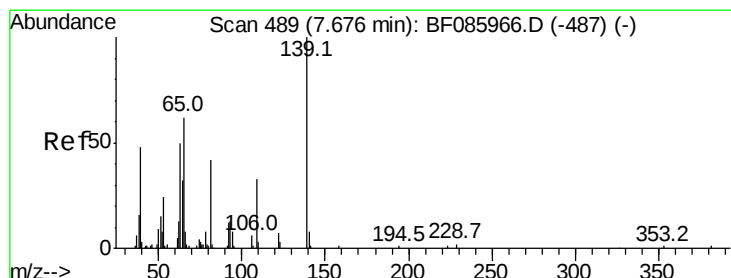
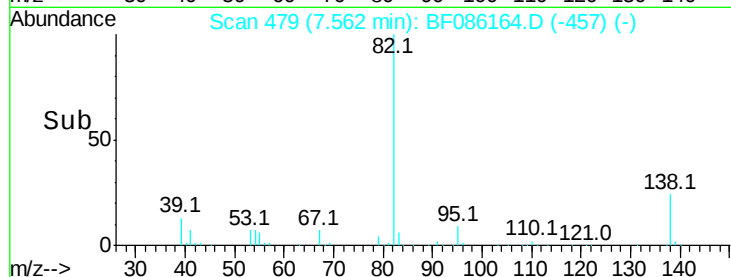
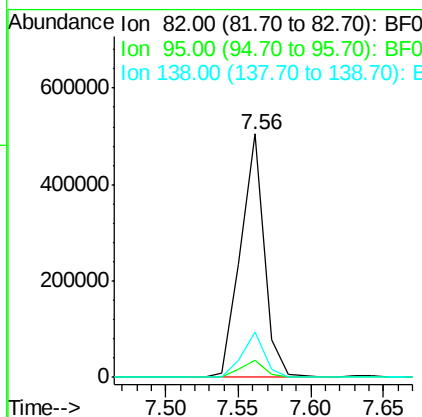
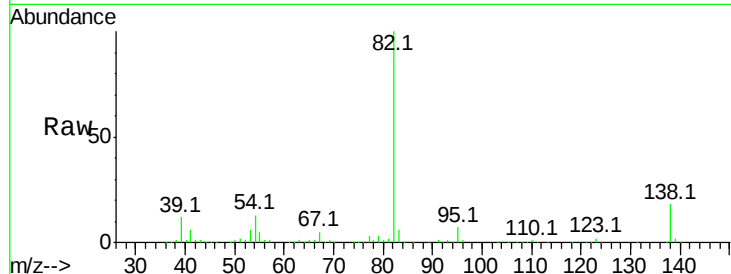
ClientSampleId :

PB89567BS

Tot Ion:	82	Resp:	574844
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	18.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 40.85 ng

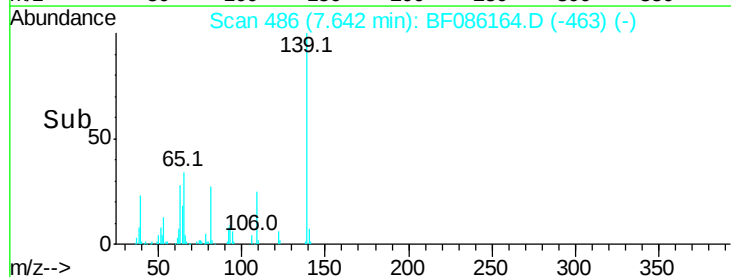
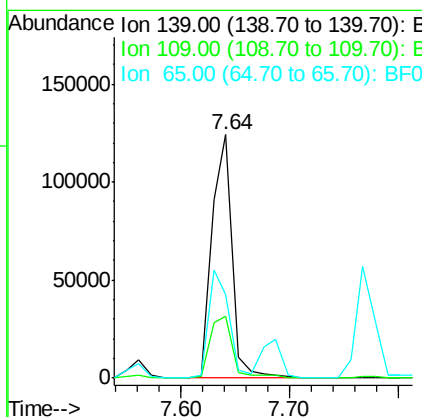
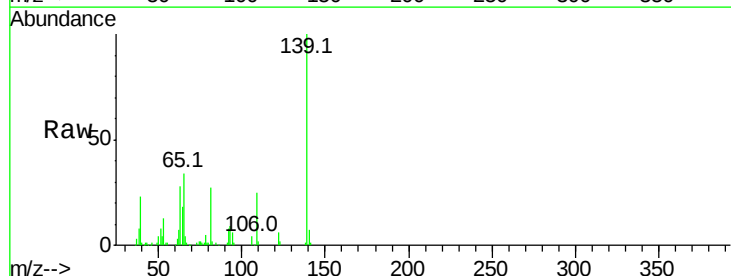
RT: 7.64 min Scan# 486

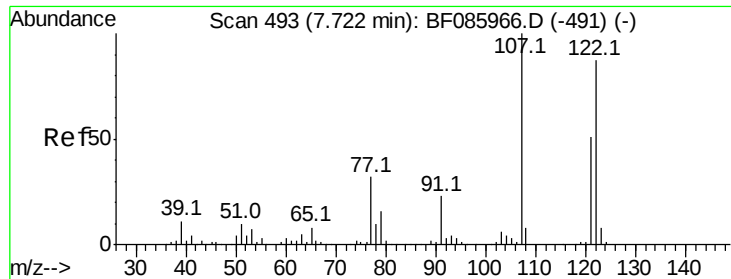
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	139	Resp:	161189
Ion Ratio	Lower	Upper	
139	100		
109	25.3	22.1	33.1
65	34.3	33.9	50.9





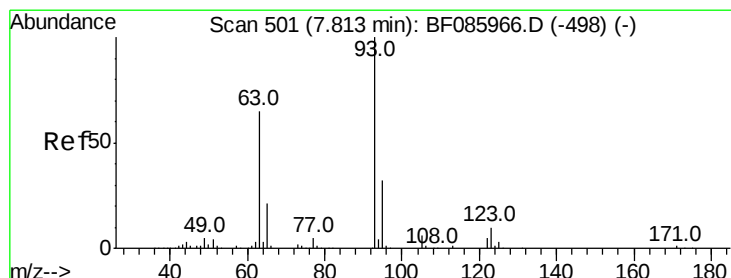
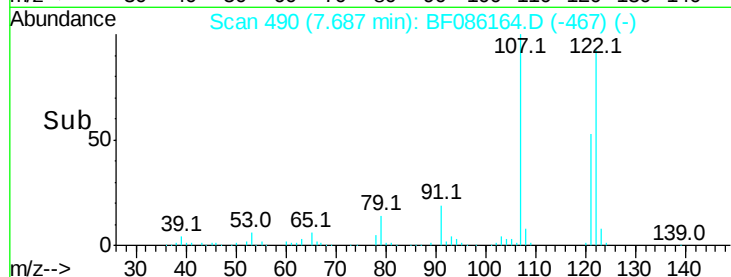
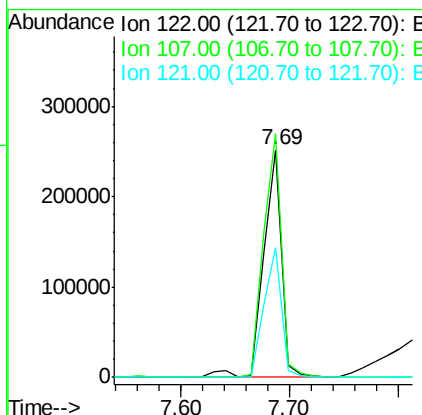
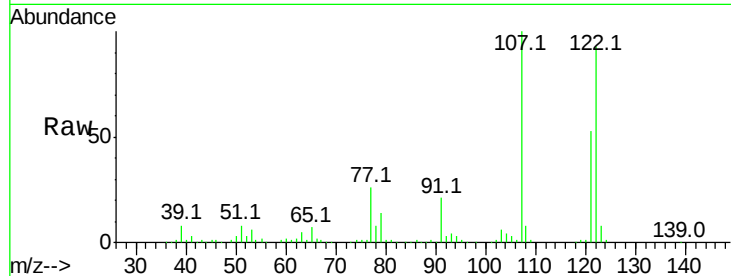
#27
 2,4-Dimethylphenol
 Concen: 41.45 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293816		
107	107.3	93.0	139.6	
121	56.9	45.9	68.9	

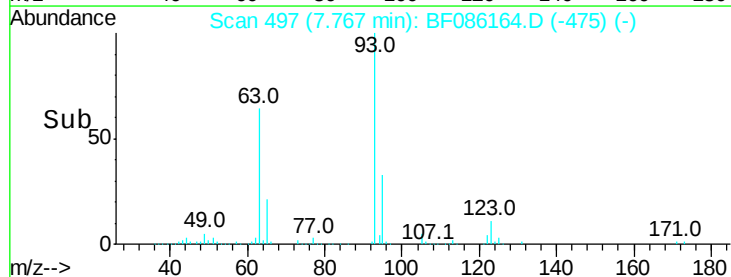
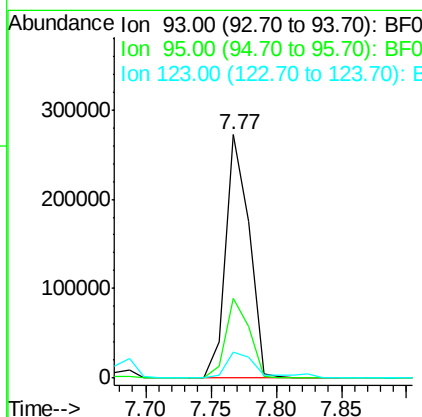
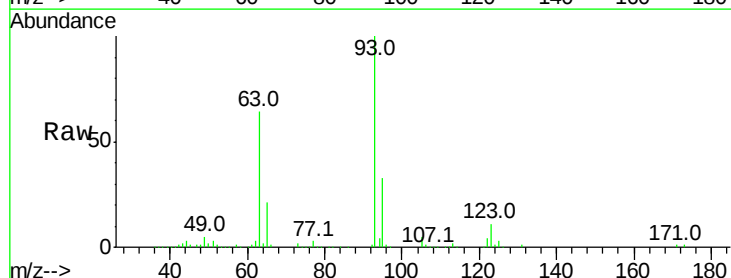
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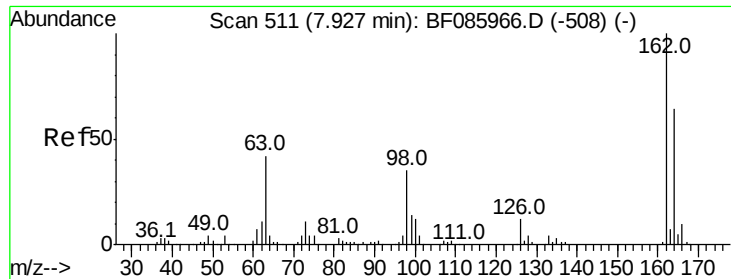
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.88 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339524		
95	33.0	26.4	39.6	
123	10.7	9.8	14.6	





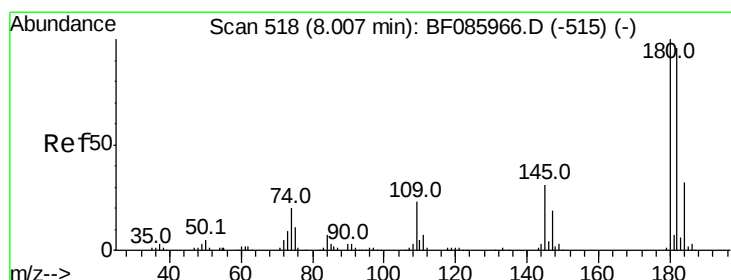
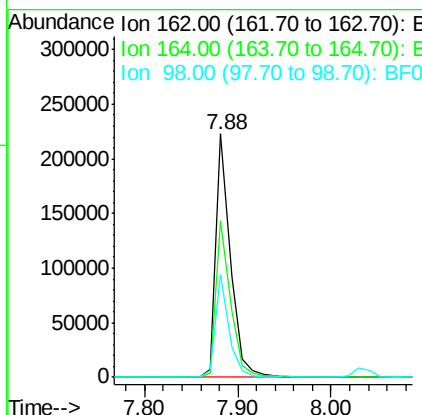
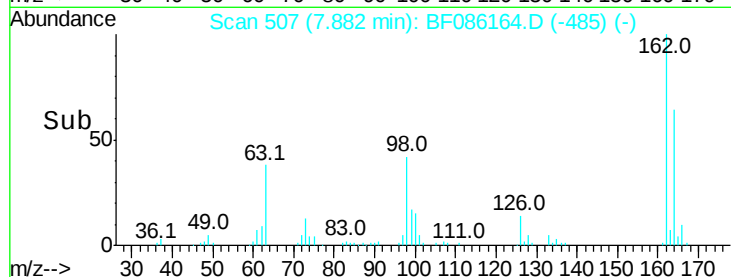
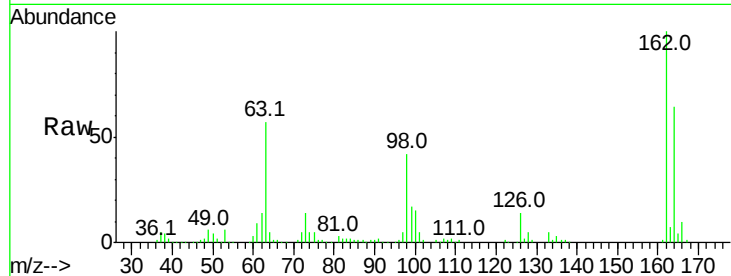
#29
 2,4-Dichlorophenol
 Concen: 40.01 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239753		
164	64.1	43.7	83.7	
98	42.5	20.4	60.4	

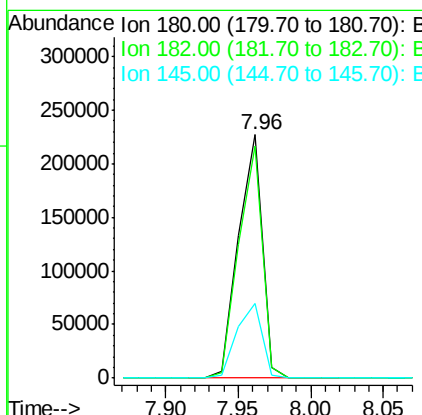
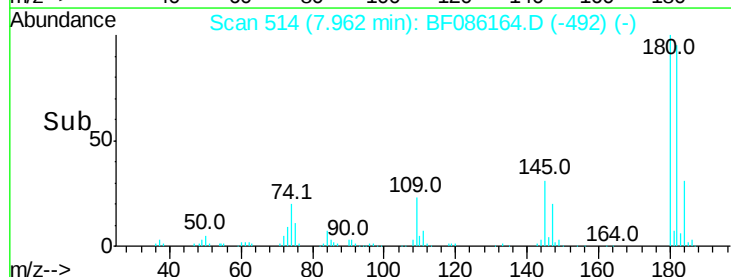
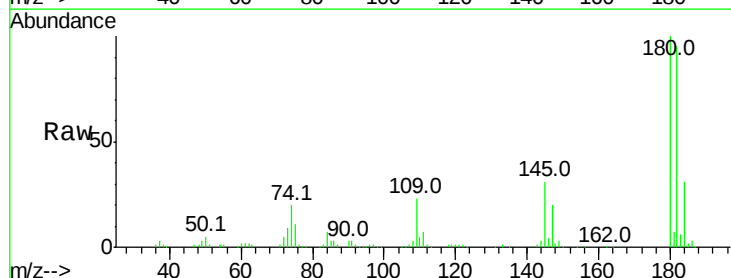
Manual Integrations
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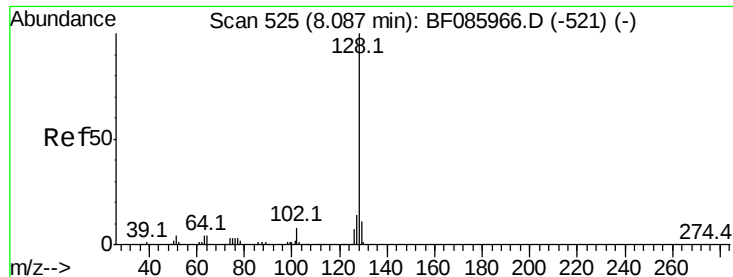
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.57 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259439		
182	95.4	73.8	110.8	
145	30.9	28.4	42.6	





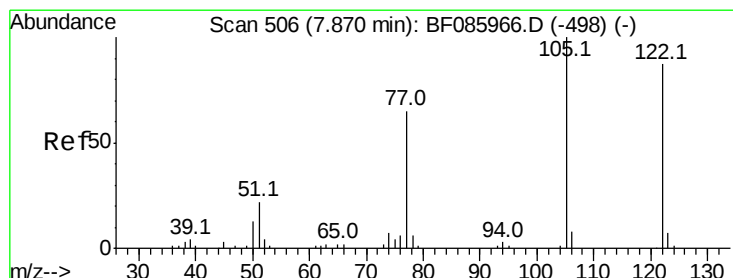
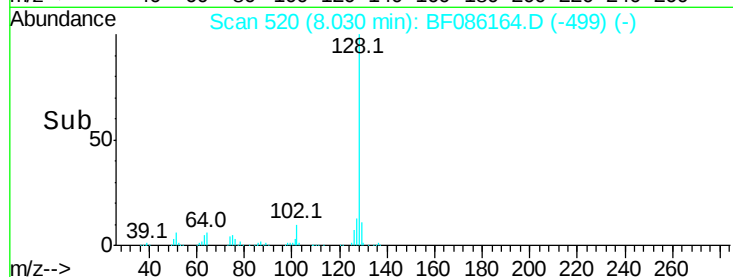
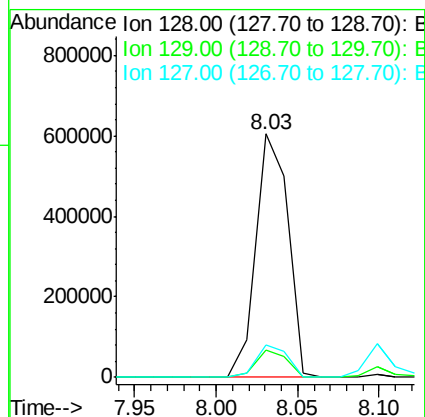
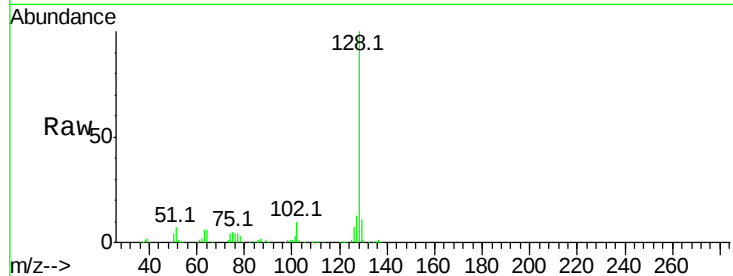
#31
Naphthalene
Concen: 37.12 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.4	14.0	
127	13.2	11.0	16.6	

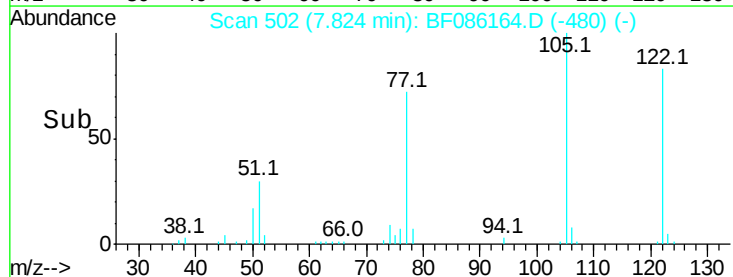
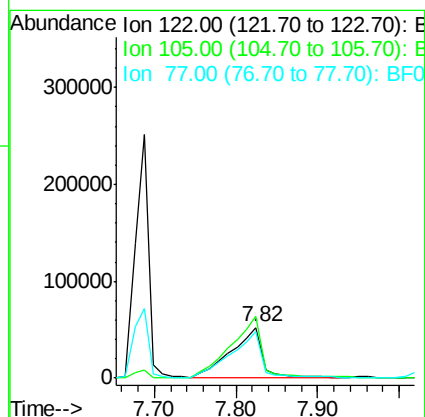
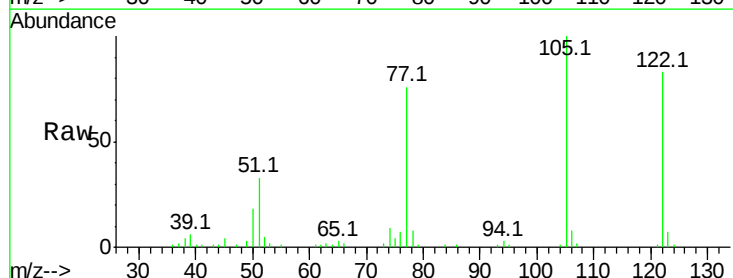
Manual Integrations
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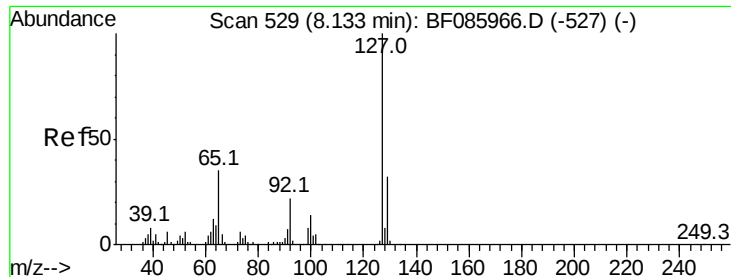
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#32
Benzoic acid
Concen: 26.07 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.1	102.9	142.9	
77	92.0	71.8	111.8	





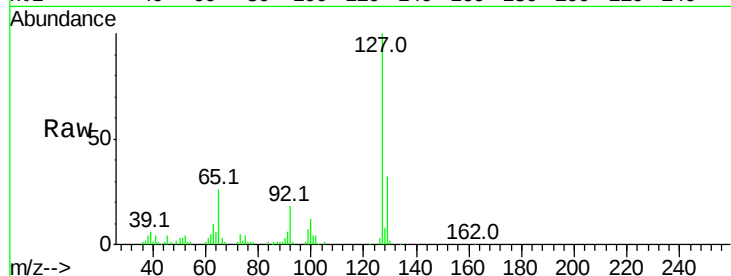
#33
4-Chloroaniline
Concen: 11.40 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

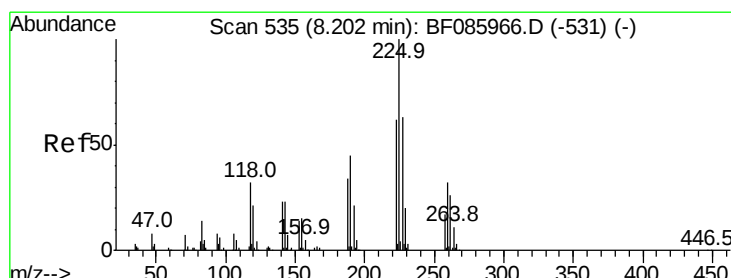
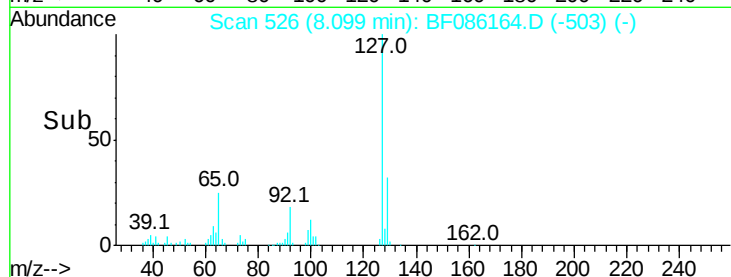
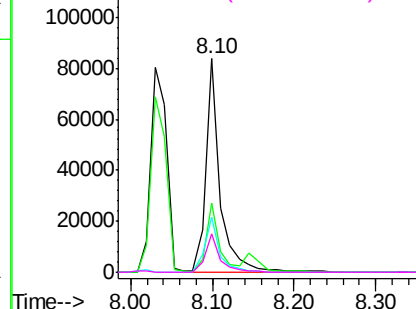
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.1	39.1	
65	25.8	19.5	29.3	
92	18.2	14.6	22.0	

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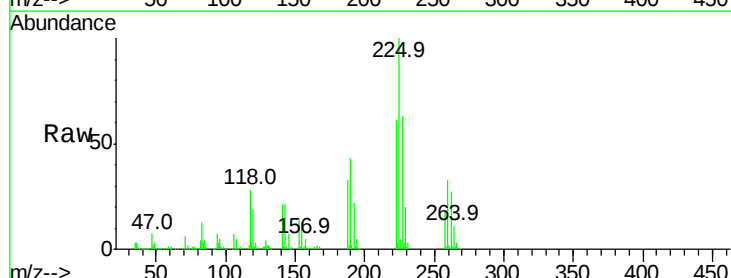


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

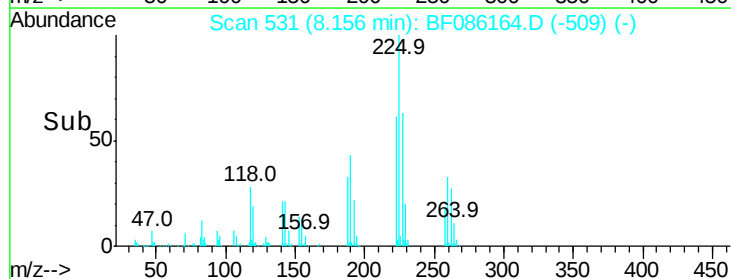
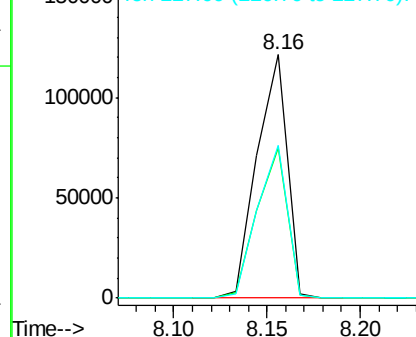


#34
Hexachlorobutadiene
Concen: 37.69 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.4	75.6	
227	62.9	51.4	77.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





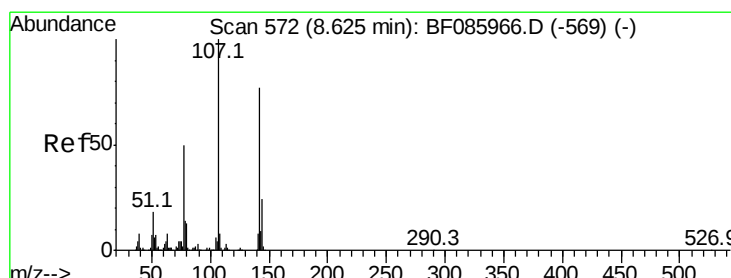
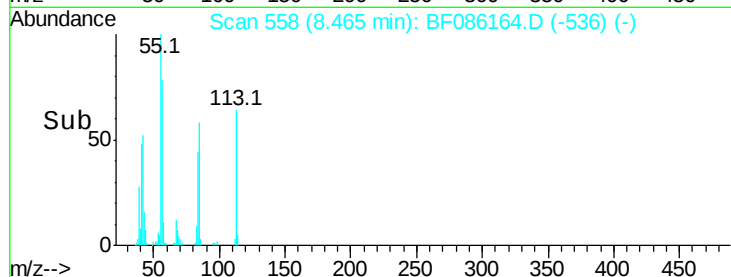
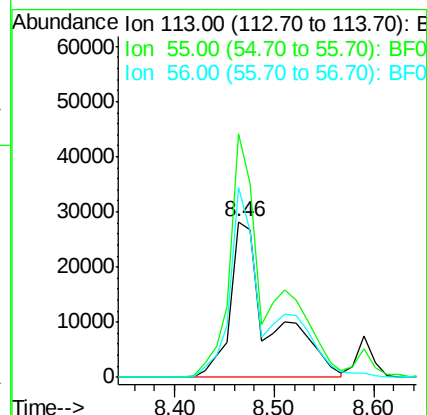
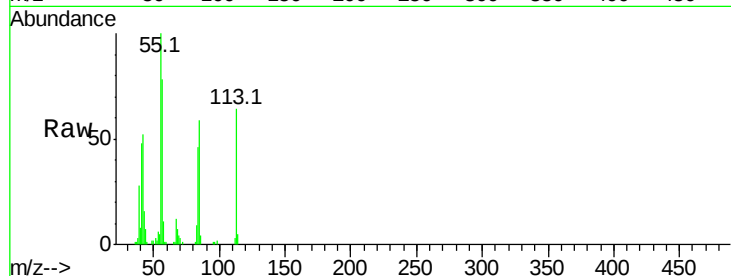
#35
 Caprolactam
 Concen: 41.65 ng/ml
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.6	139.4	179.4
56	122.0	100.4	140.4

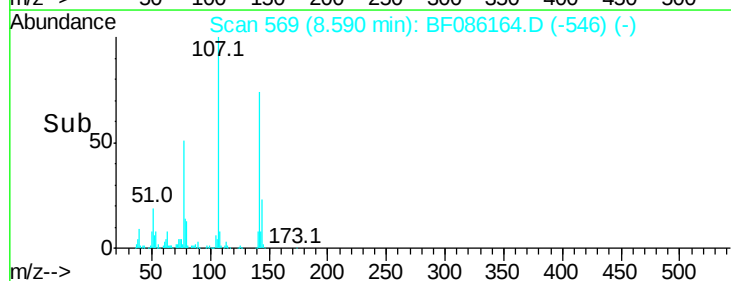
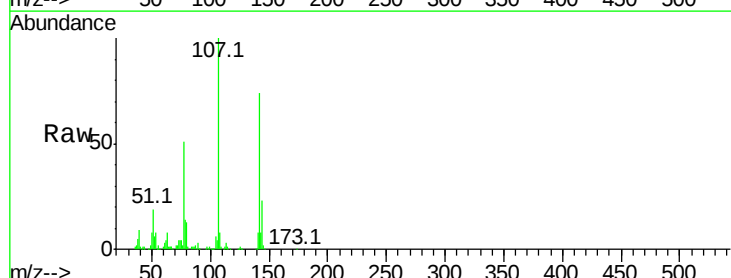
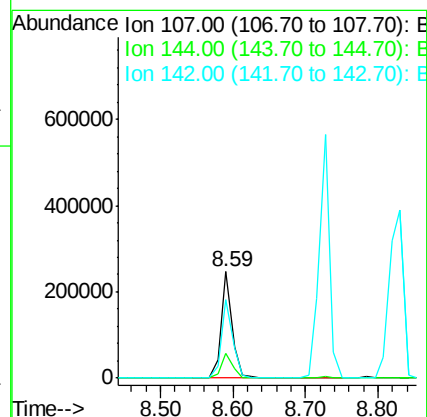
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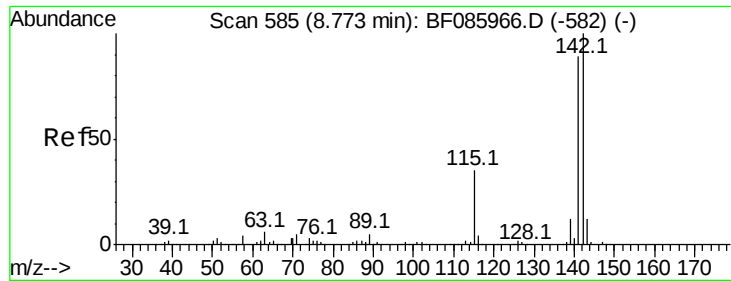
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#36
 4-Chloro-3-methylphenol
 Concen: 38.64 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	73.7	61.4	92.0





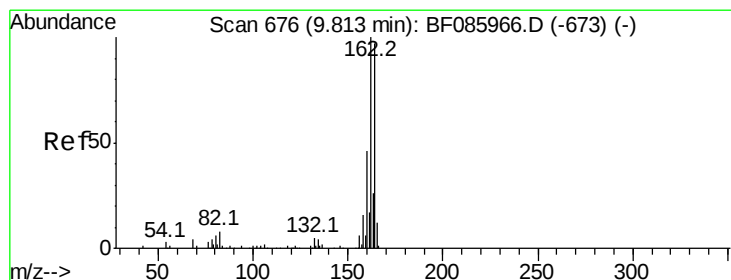
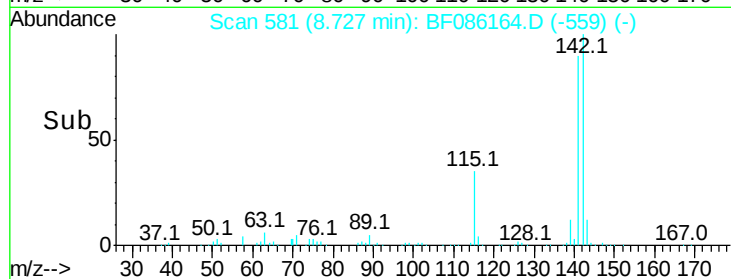
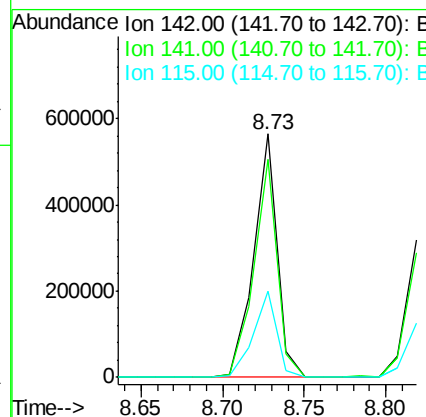
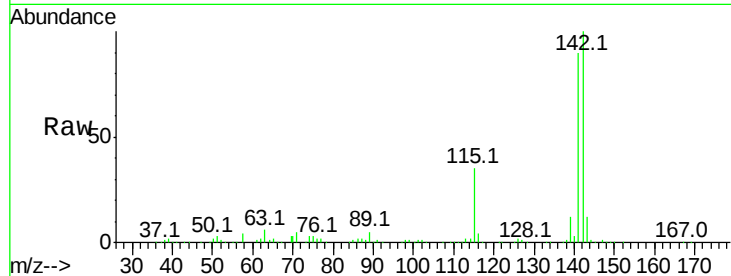
#37
 2-Methylnaphthalene
 Concen: 38.56 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	563321		
141	89.6	71.6	107.4	
115	35.4	26.8	40.2	

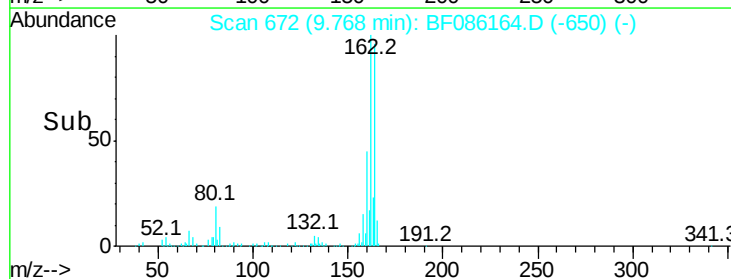
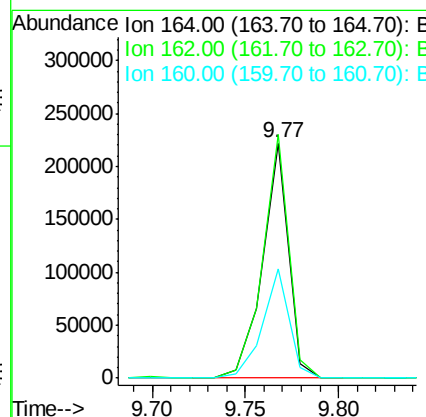
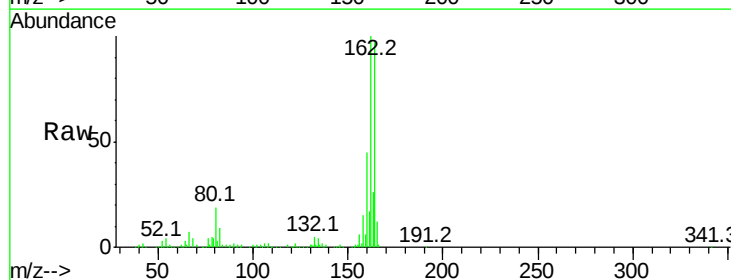
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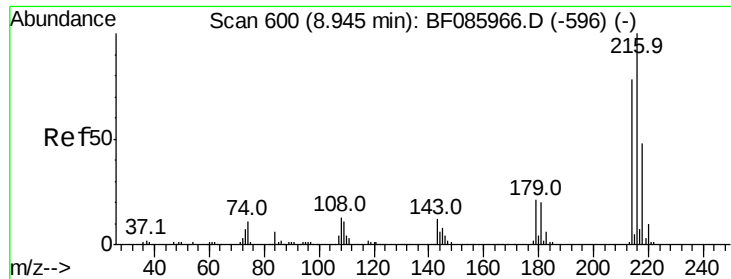
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	213051		
162	103.5	82.1	123.1	
160	46.5	37.4	56.2	





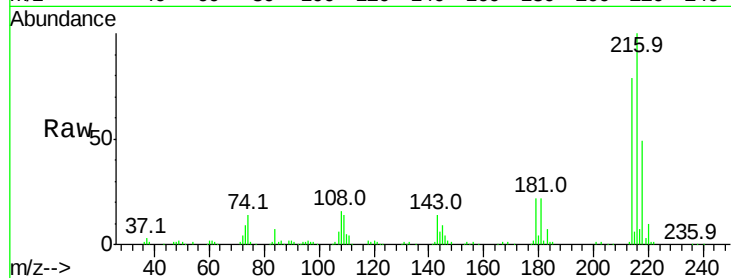
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.29 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

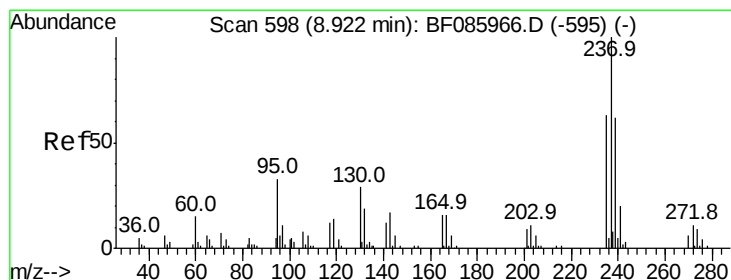
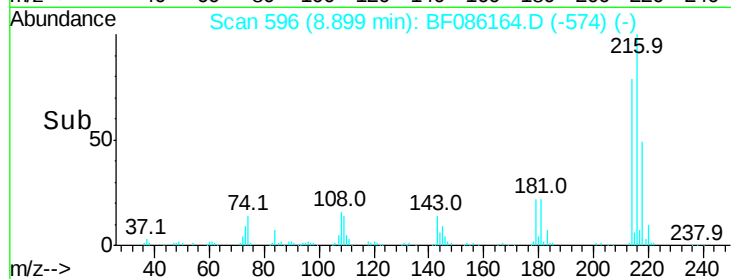
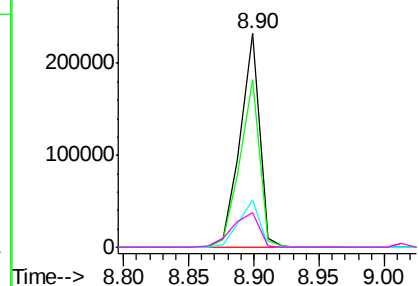
Tot Ion	Ratio	Resp	Lower	Upper
216	100	238810		
214	79.5	63.1	94.7	
179	23.5	18.2	27.2	
108	22.8	17.3	25.9	

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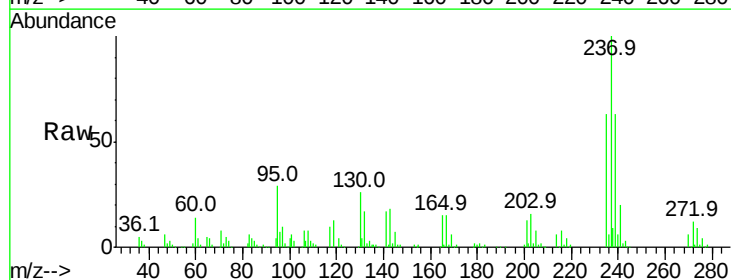


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

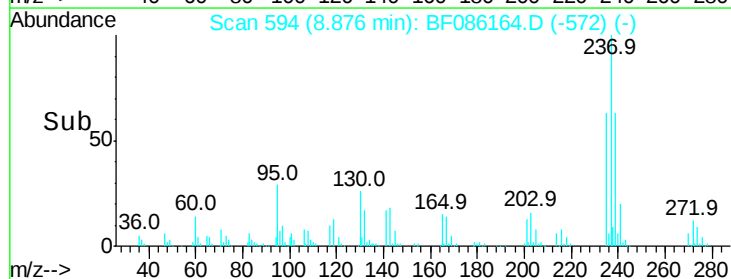
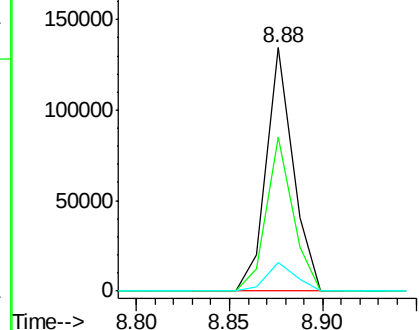


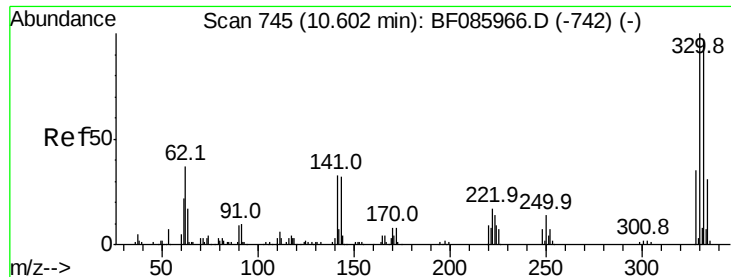
#40
 Hexachlorocyclopentadiene
 Concen: 63.40 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	134022		
235	63.3	43.7	83.7	
272	11.5	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





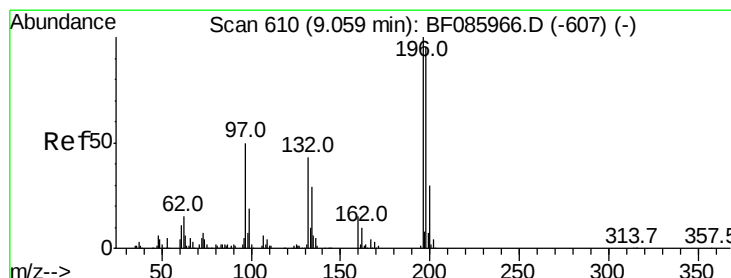
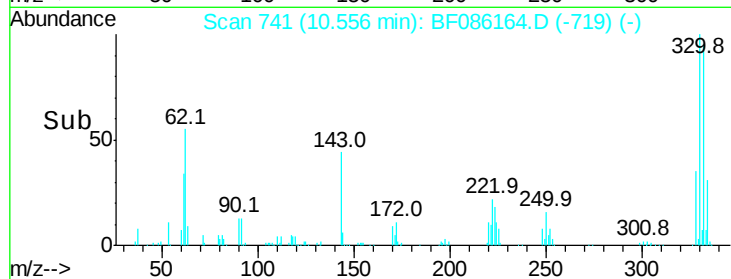
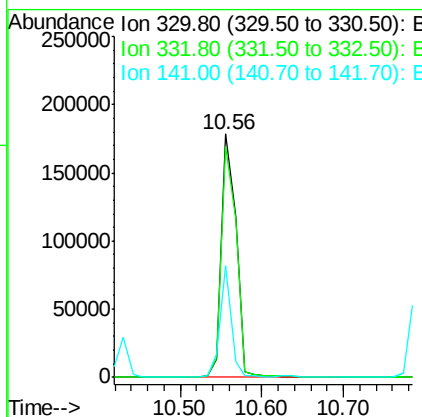
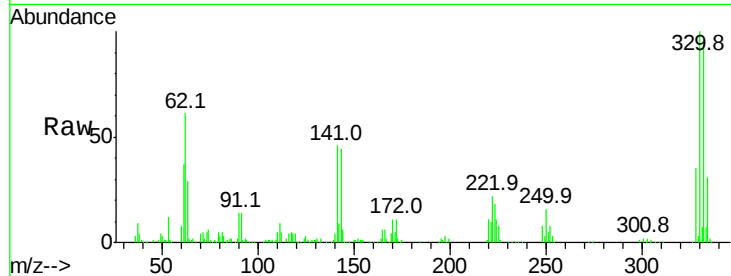
#41
 2,4,6-Tribromophenol
 Concen: 110.81 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221584		
332	96.6	78.2	117.2	
141	35.7	31.5	47.3	

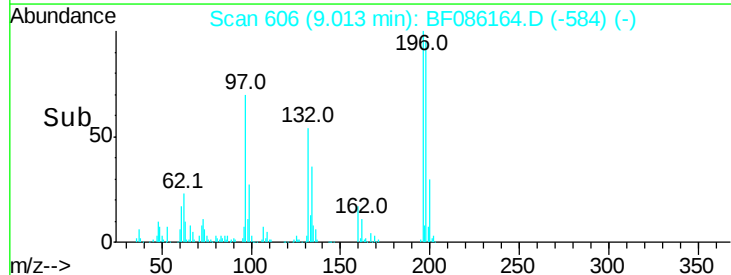
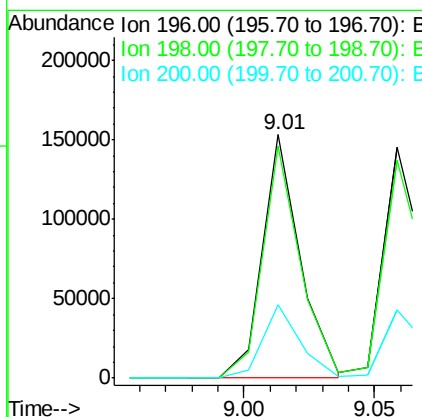
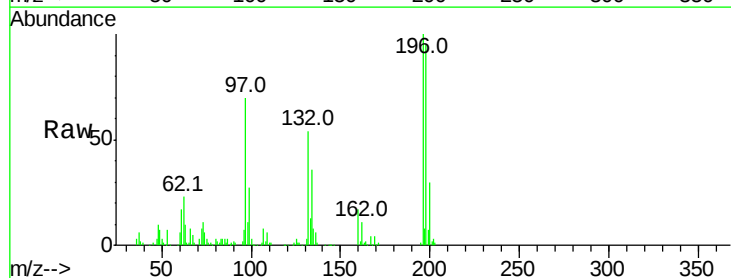
Manual Integrations
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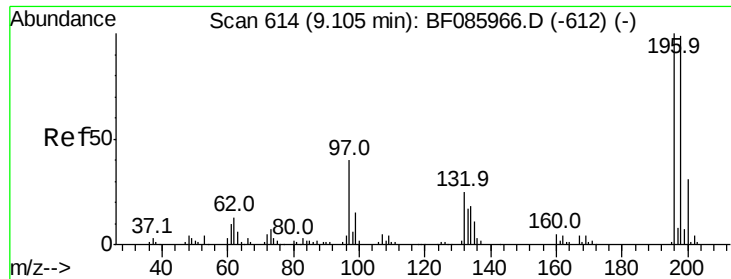
Sohil
 4/11/2016 5:45:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154106		
198	95.5	75.3	112.9	
200	29.9	23.7	35.5	





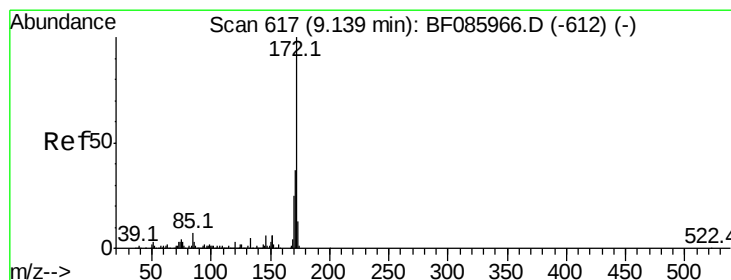
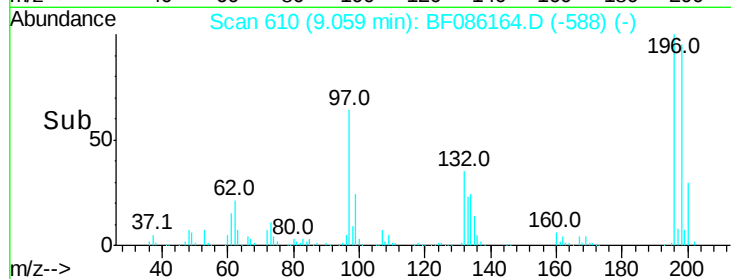
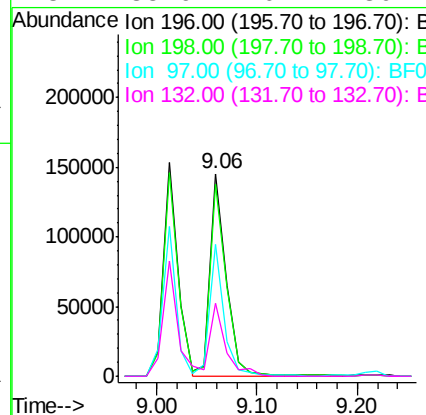
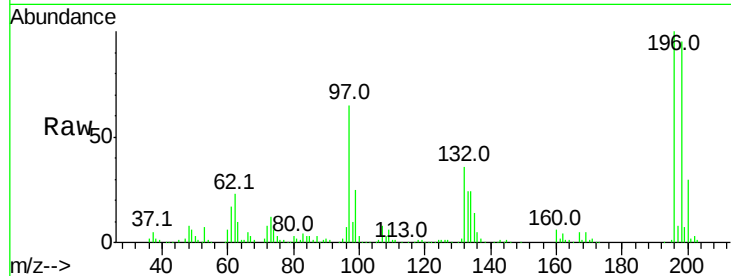
#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160713		
198	94.7	76.6	114.8	
97	65.0	30.5	45.7#	
132	35.9	20.2	30.2#	

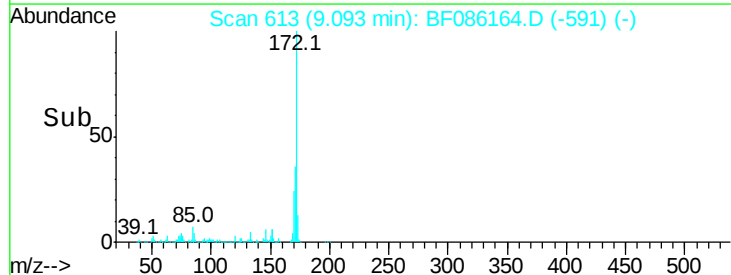
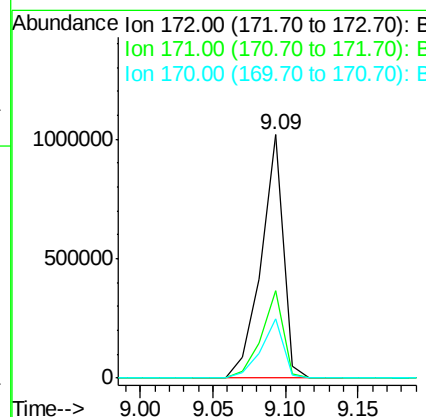
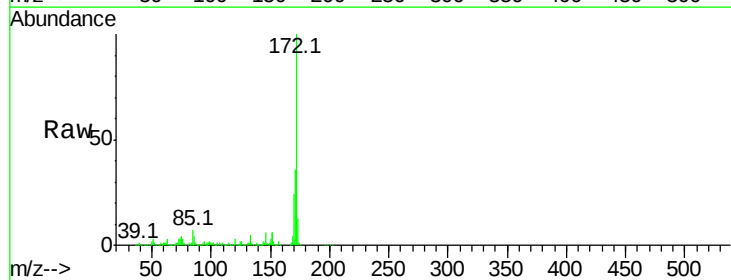
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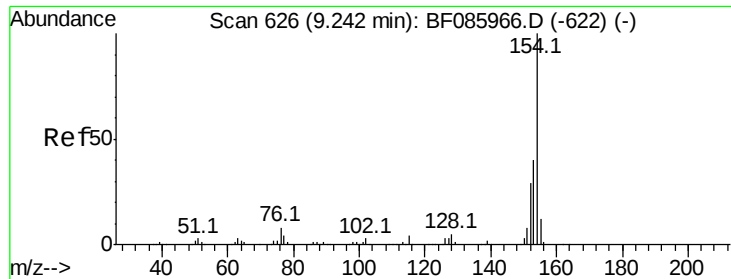
Sohil
 4/11/2016 5:45:07 PM



#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1078593		
171	35.9	29.4	44.2	
170	24.5	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 37.18 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

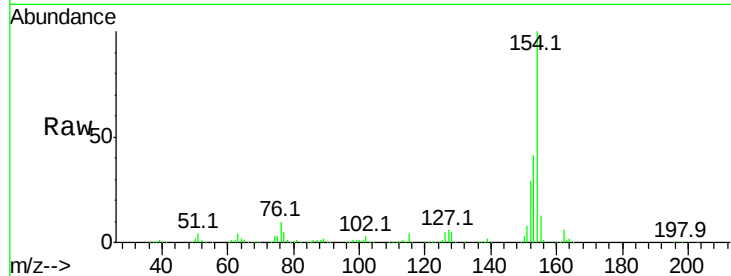
ClientSampleId :

PB89567BS

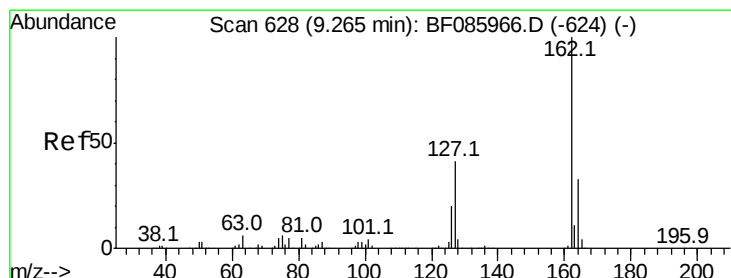
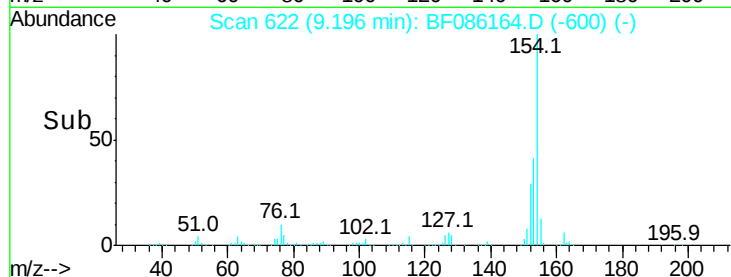
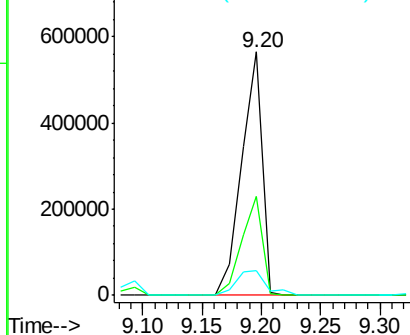
Tot Ion:	154	Resp:	683017
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.8	60.8
76	9.9	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.84 ng

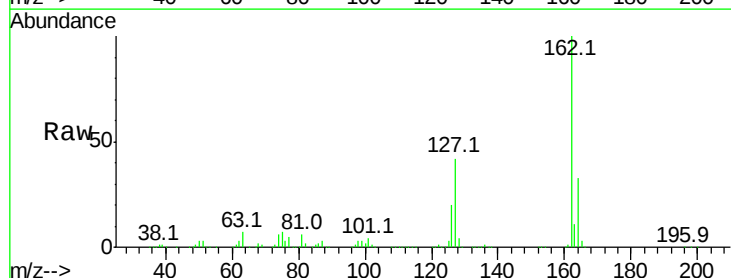
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

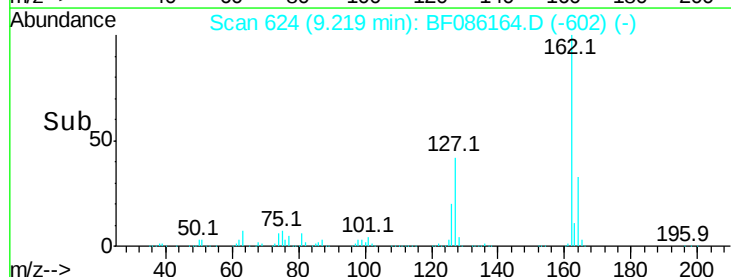
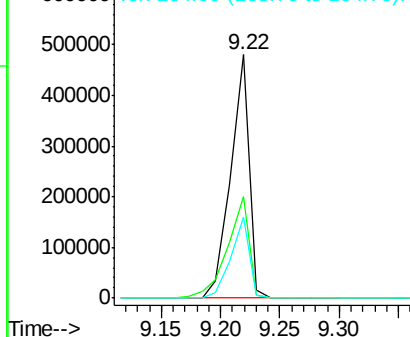
Lab File: BF086164.D

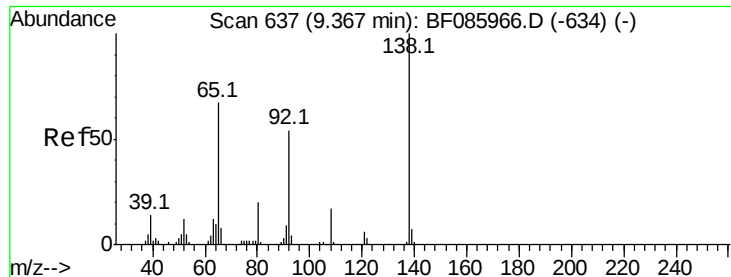
Acq: 8 Apr 2016 13:17

Tgt Ion:	162	Resp:	517243
Ion Ratio	Lower	Upper	
162	100		
127	41.6	31.7	47.5
164	33.1	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.04 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

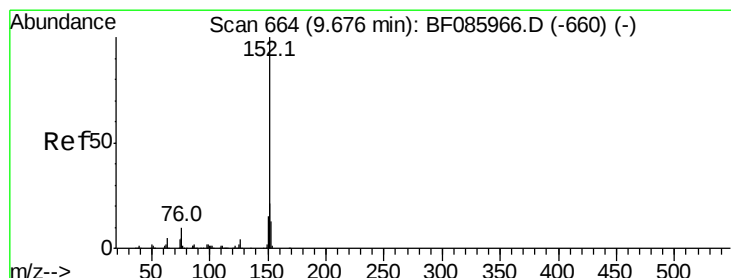
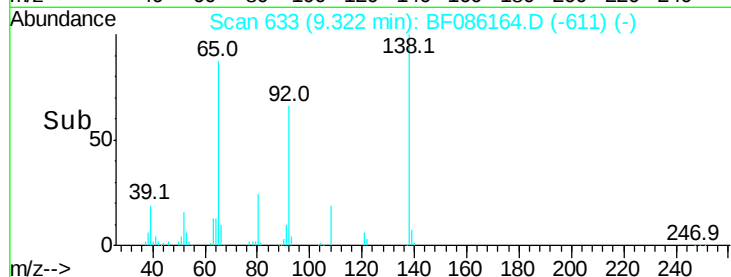
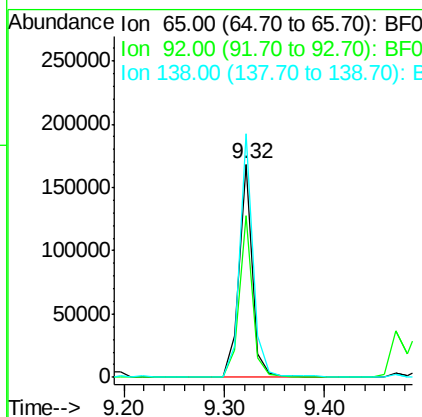
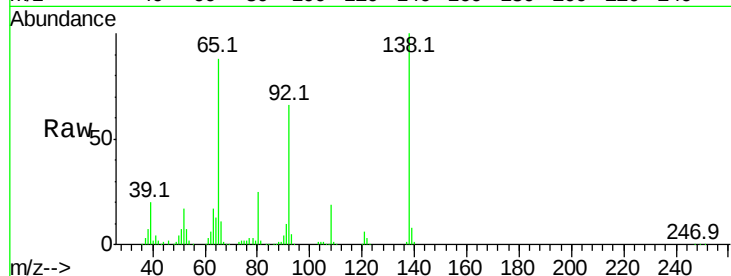
ClientSampleId :

PB89567BS

Tot Ion:	65	Resp:	155998
Ion Ratio	Lower	Upper	
65	100		
92	75.8	59.7	89.5
138	114.2	91.4	137.0

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#48

Acenaphthylene

Concen: 38.02 ng

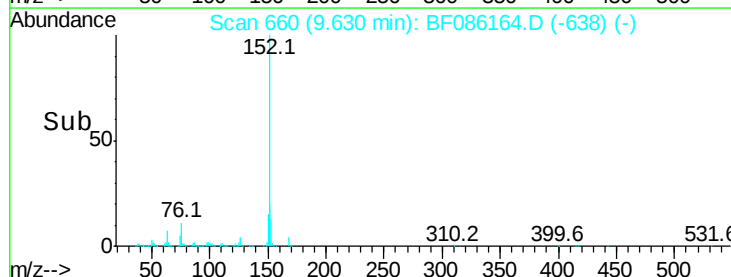
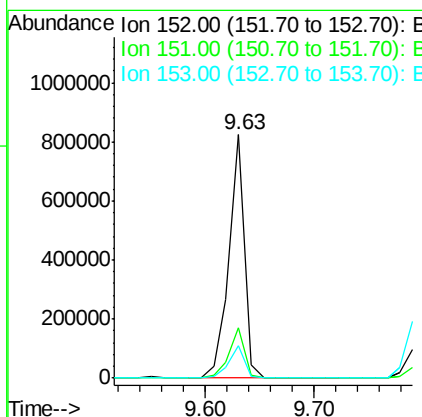
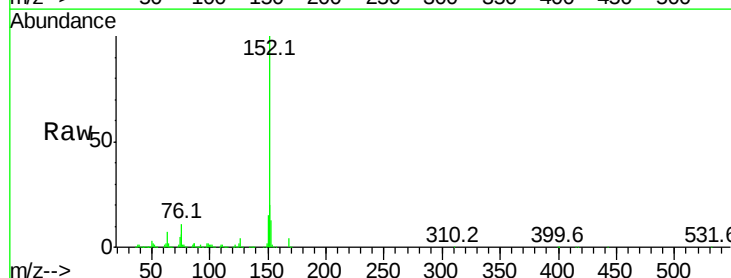
RT: 9.63 min Scan# 660

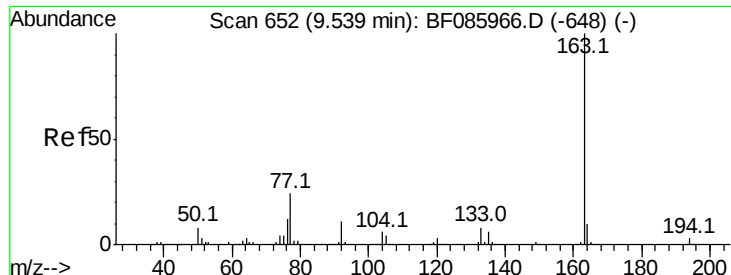
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	152	Resp:	811066
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	13.3	10.9	16.3





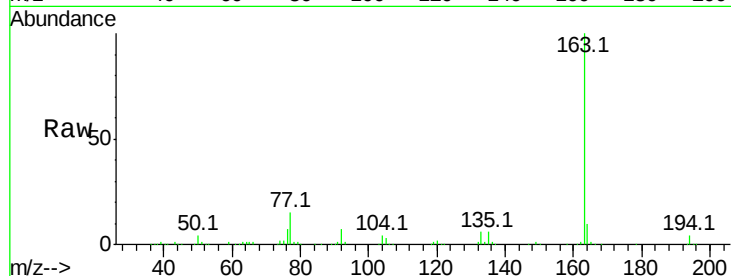
#49
Dimethylphthalate
Concen: 38.88 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	613944		
194	3.8		2.9	4.3
164	9.7		8.3	12.5

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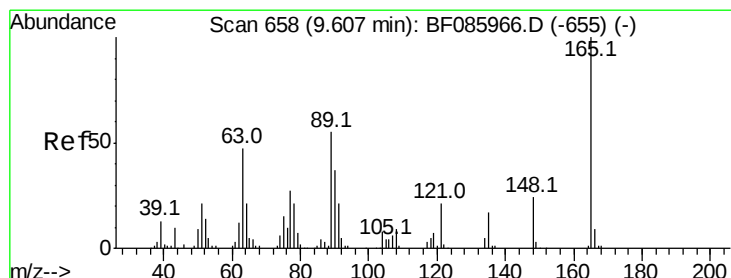
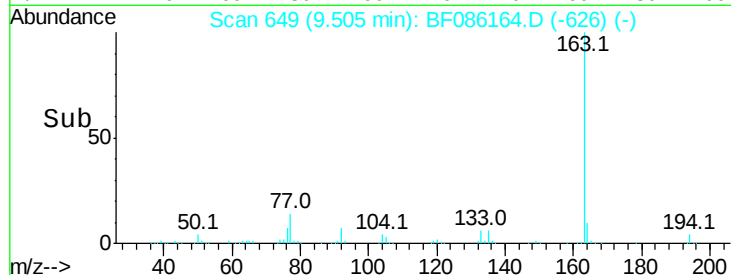
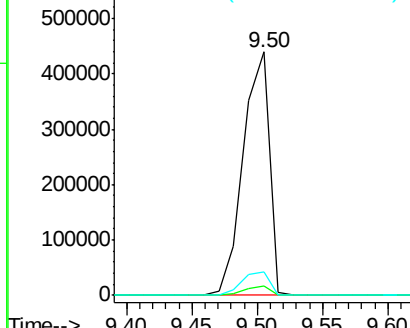


Abundance

Ion 163.00 (162.70 to 163.70): E

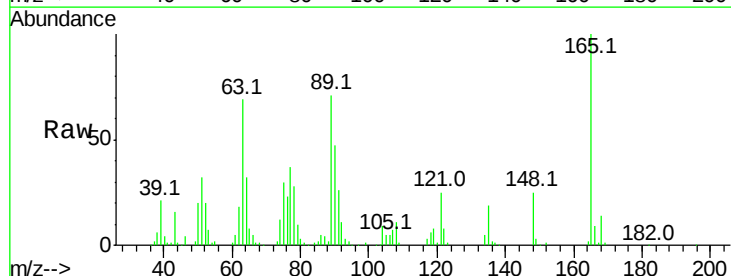
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 35.72 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119329		
63	68.6		51.8	77.8
89	70.8		53.7	80.5

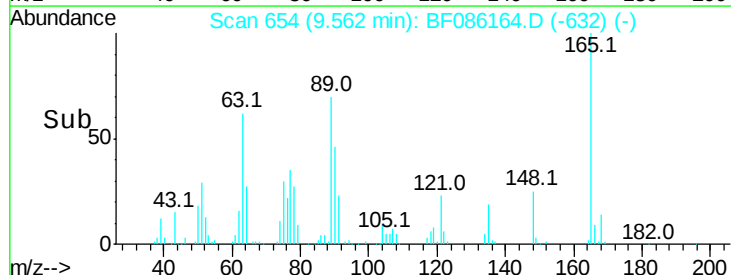
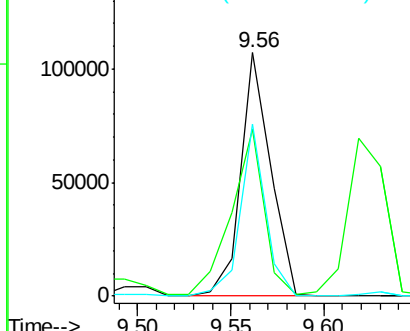


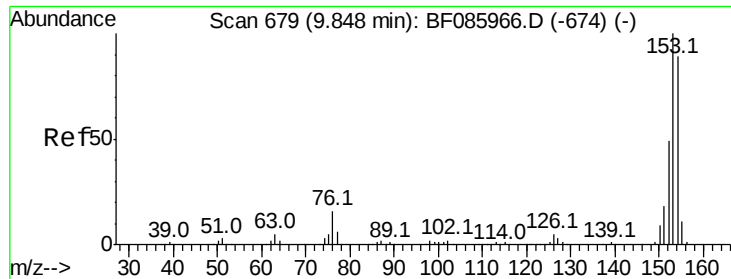
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.57 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

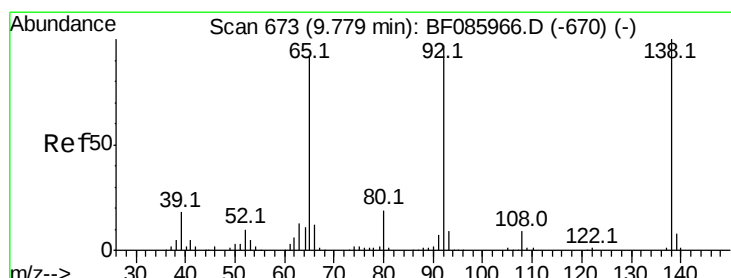
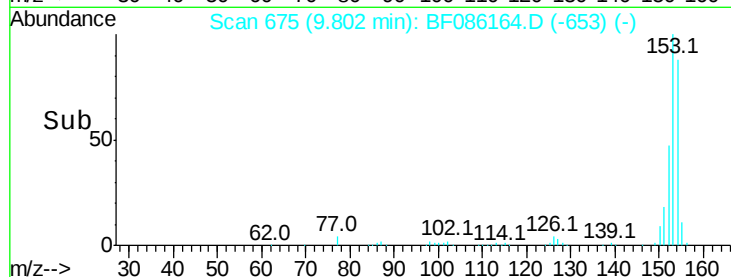
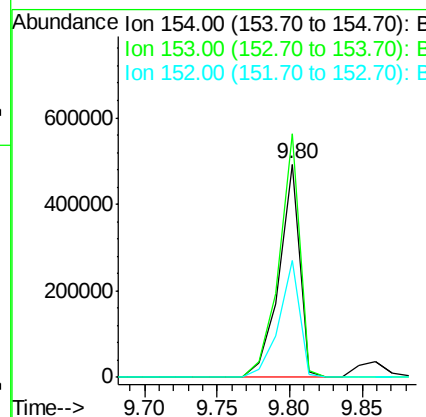
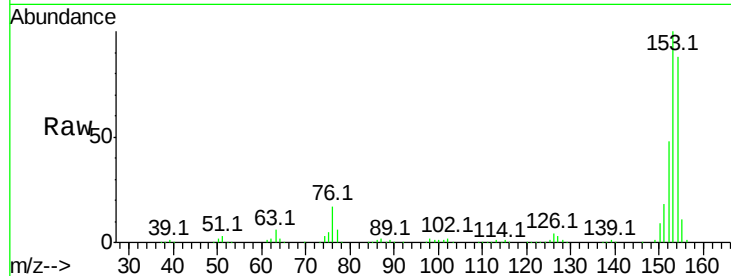
ClientSampleId :

PB89567BS

Tot Ion:	154	Resp:	489259
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.1	135.1
152	54.8	44.2	66.2

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#52

3-Nitroaniline

Concen: 17.84 ng

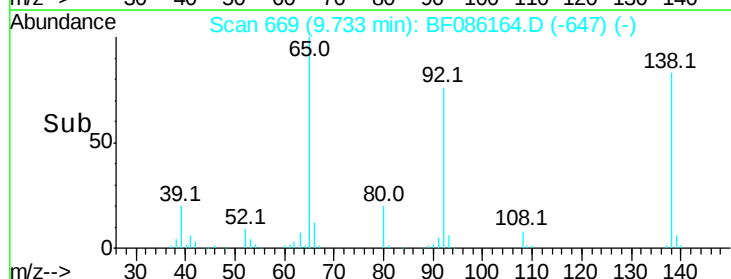
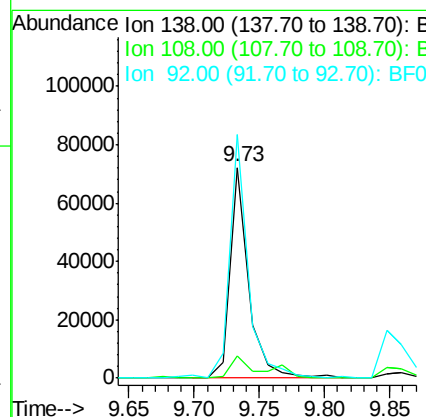
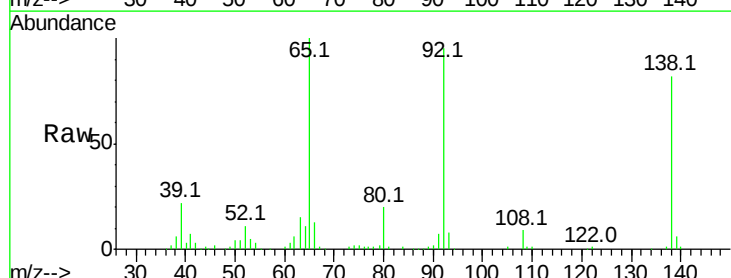
RT: 9.73 min Scan# 669

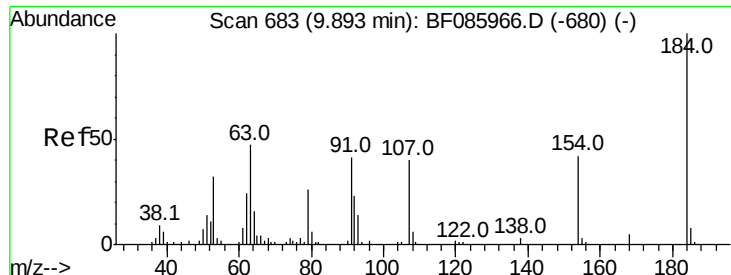
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	138	Resp:	71842
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.7	13.1
92	115.5	93.3	139.9





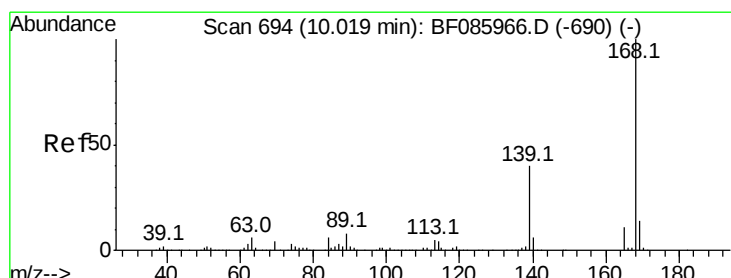
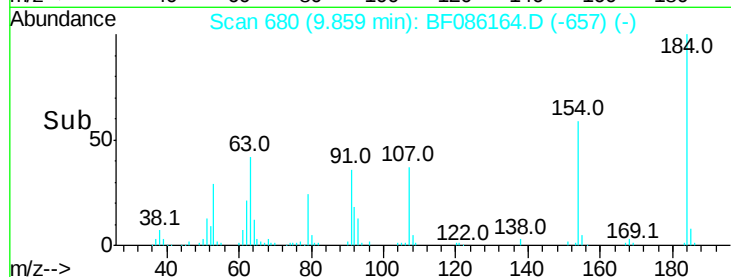
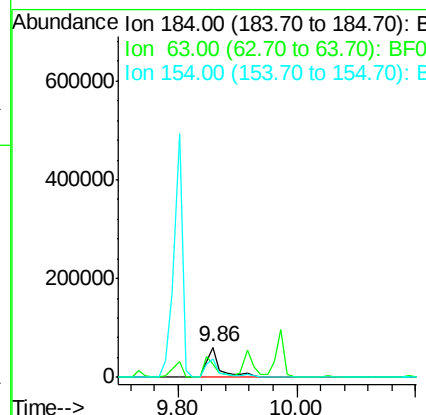
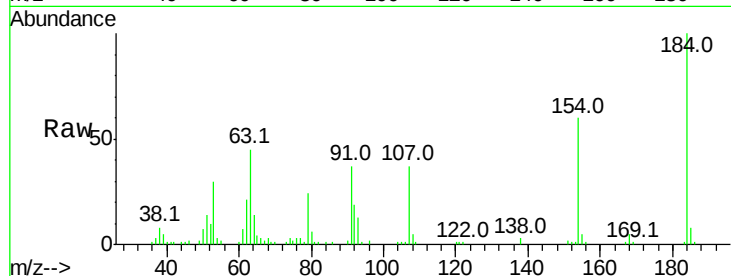
#53
 2,4-Dinitrophenol
 Concen: 53.66 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	44.7	69.5	104.3	
154	59.6	58.3	87.5	

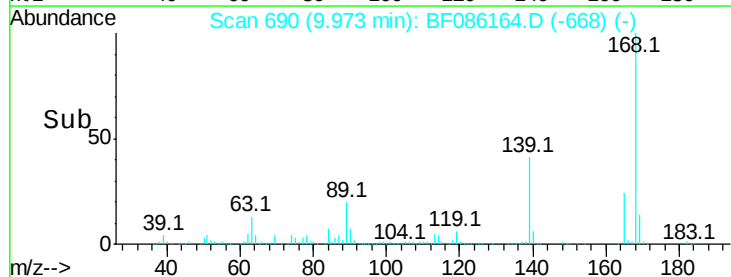
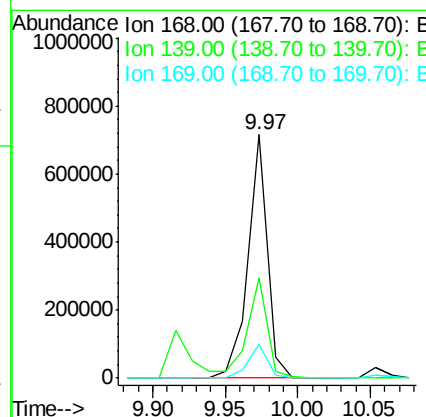
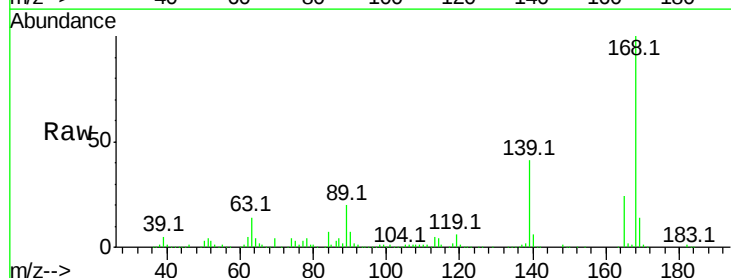
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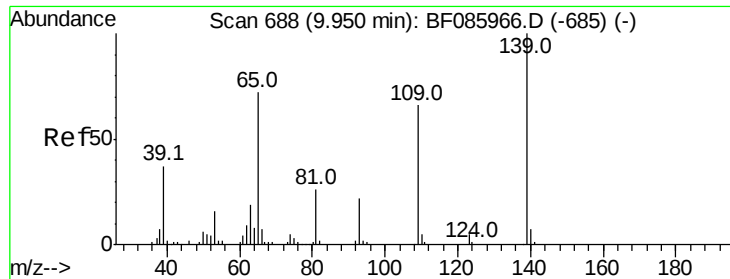
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#54
 Dibenzofuran
 Concen: 39.49 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.2	31.9	47.9	
169	13.7	11.0	16.6	





#55

4-Nitrophenol

Concen: 61.02 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

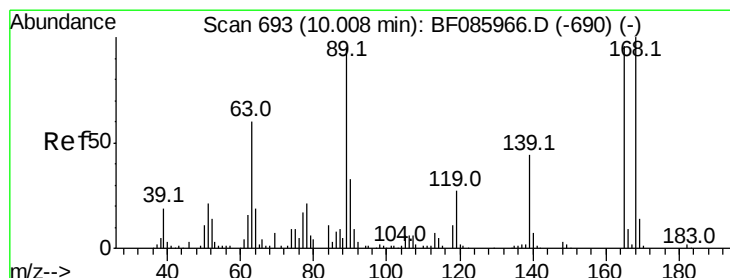
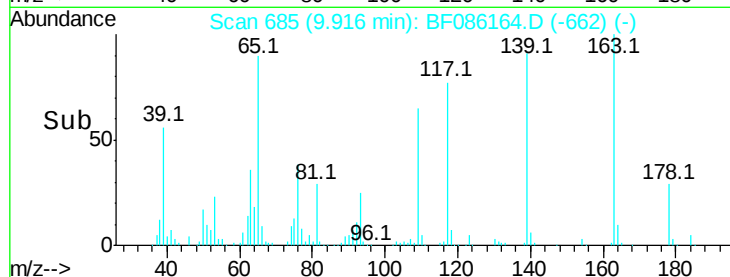
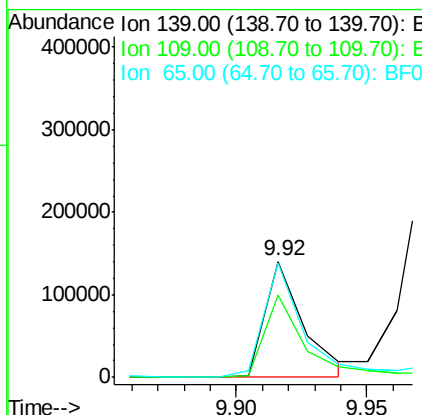
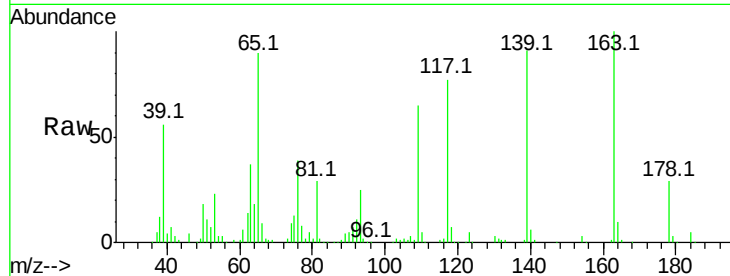
ClientSampleId :

PB89567BS

Tot Ion:	139	Resp:	144838
Ion Ratio	Lower	Upper	
139	100		
109	71.3	49.2	89.2
65	99.2	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 36.65 ng

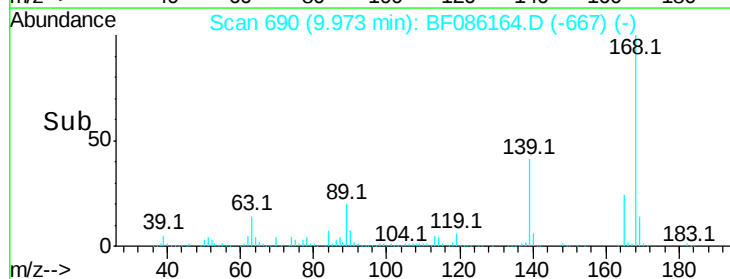
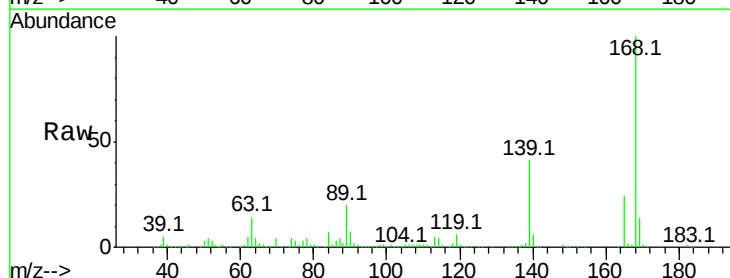
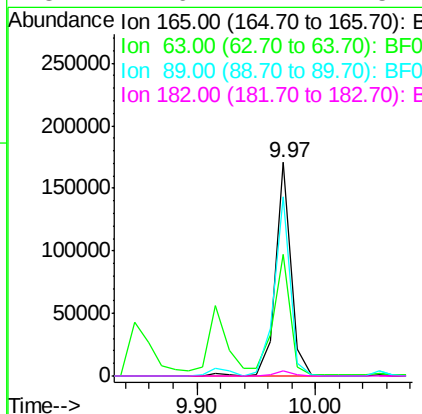
RT: 9.97 min Scan# 690

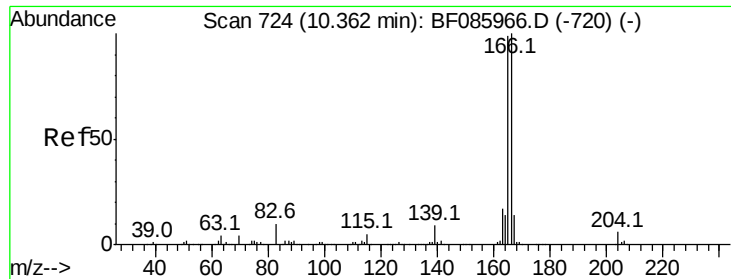
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	165	Resp:	154716
Ion Ratio	Lower	Upper	
165	100		
63	57.0	24.9	37.3#
89	84.2	41.0	61.6#
182	2.6	2.1	3.1





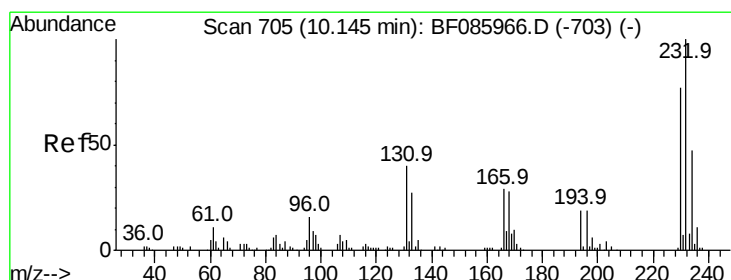
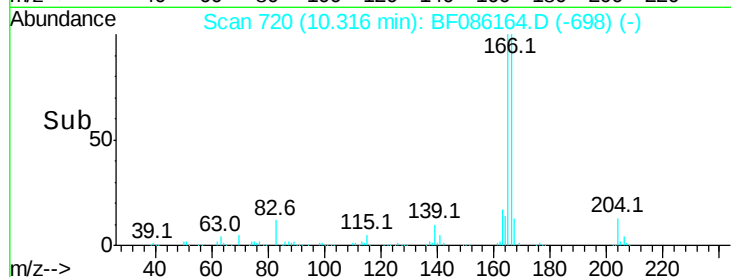
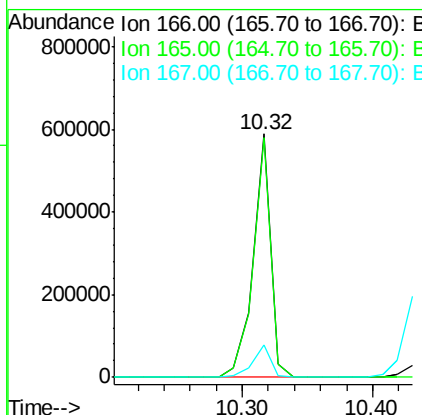
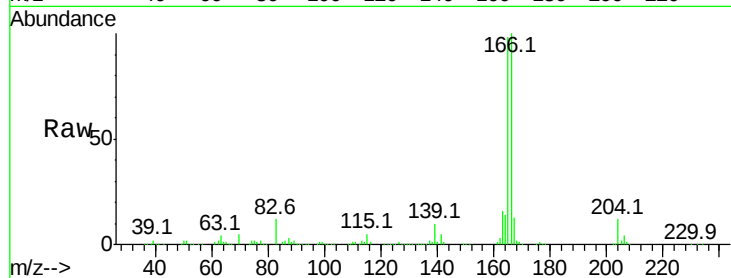
#57
 Fluorene
 Concen: 38.47 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	550633		
165	98.4	79.4	119.0	
167	13.1	11.0	16.4	

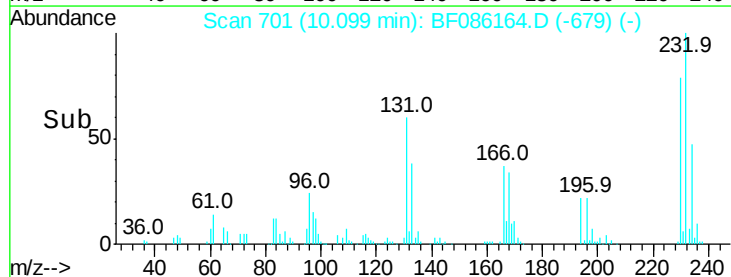
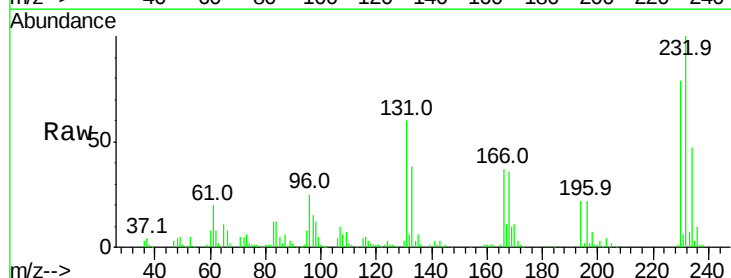
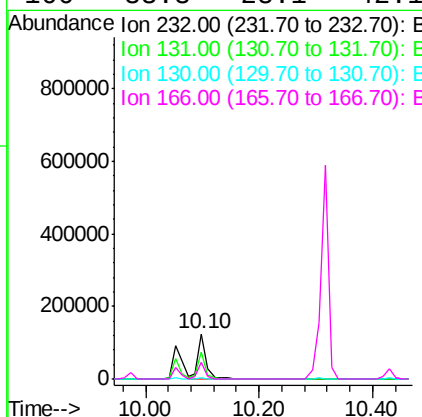
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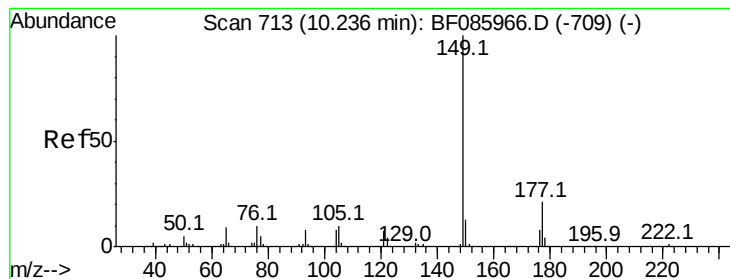
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.50 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	125886		
131	56.3	44.9	67.3	
130	2.7	2.3	3.5	
166	33.3	28.1	42.1	





#59

Diethylphthalate

Concen: 35.96 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

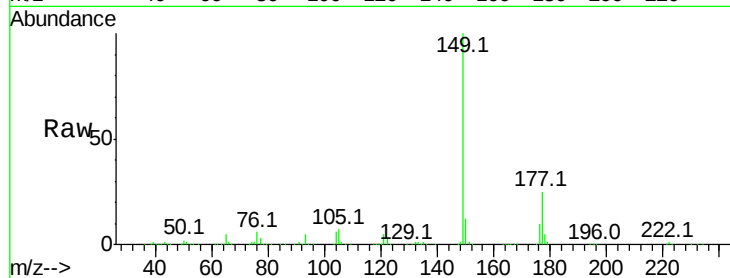
ClientSampled :

PB89567BS

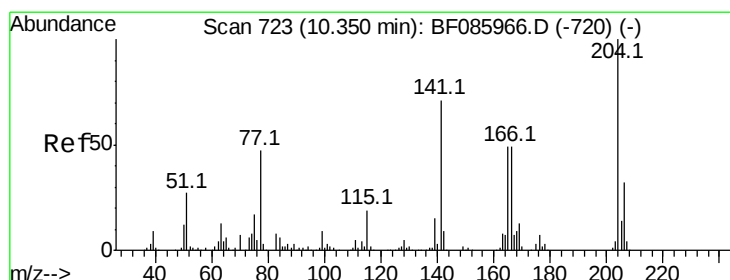
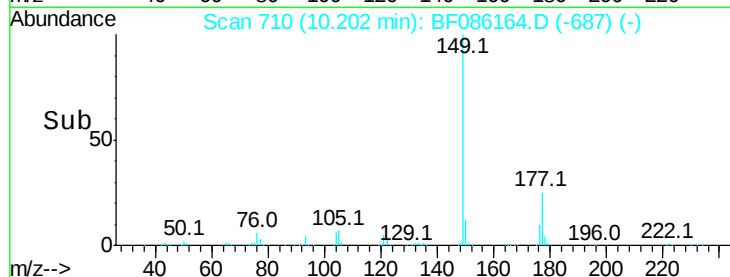
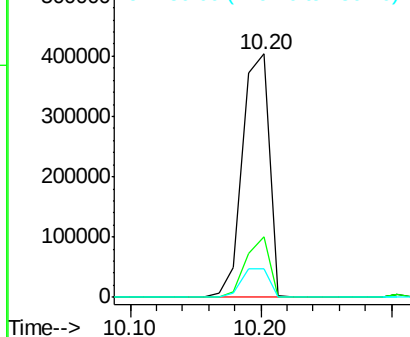
Tot Ion:	149	Resp:	573181
Ion Ratio	Lower	Upper	
149	100		
177	24.8	17.9	26.9
150	12.0	10.2	15.2

Manual Integrations
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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: 35.26 ng

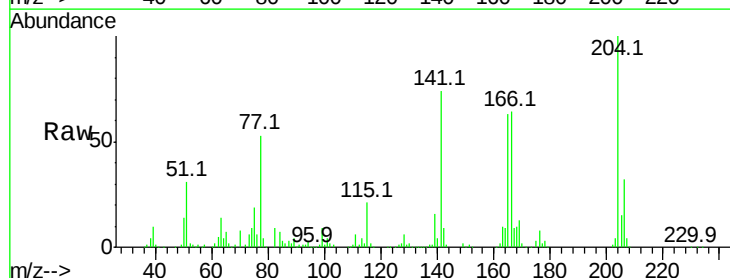
RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

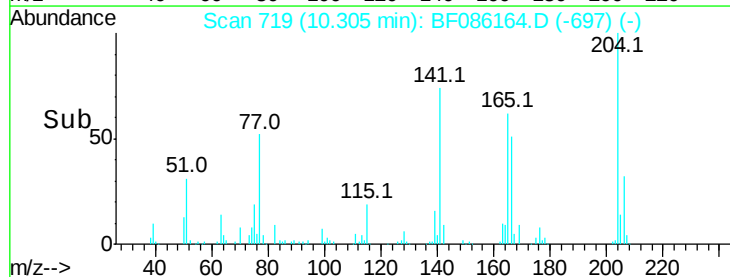
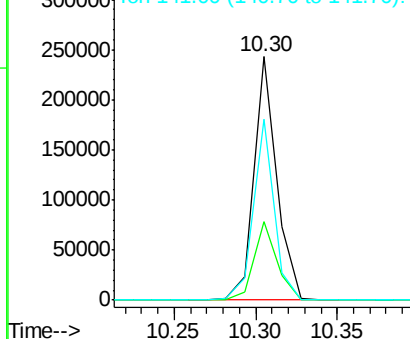
Lab File: BF086164.D

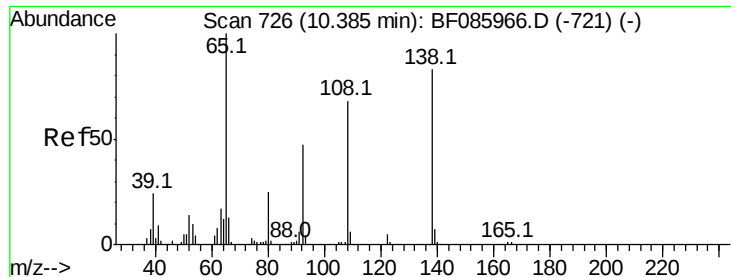
Acq: 8 Apr 2016 13:17

Tgt Ion:	204	Resp:	235086
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	39.8
141	74.5	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





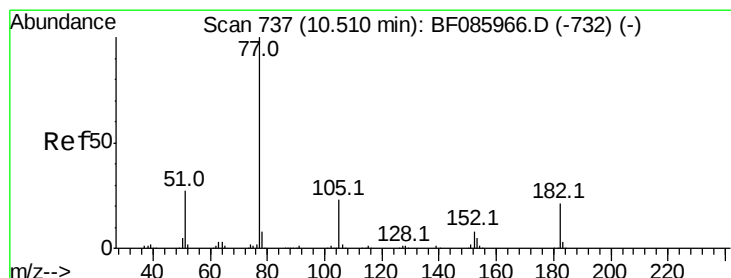
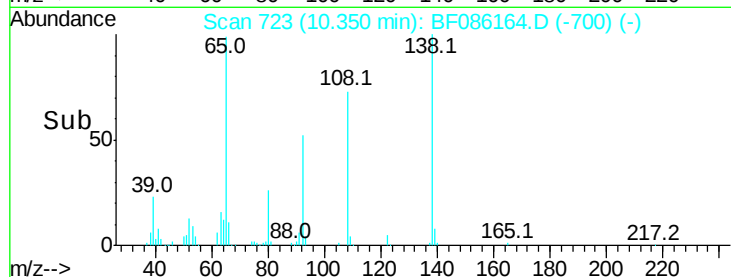
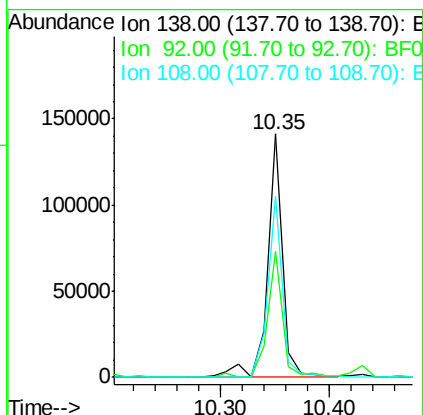
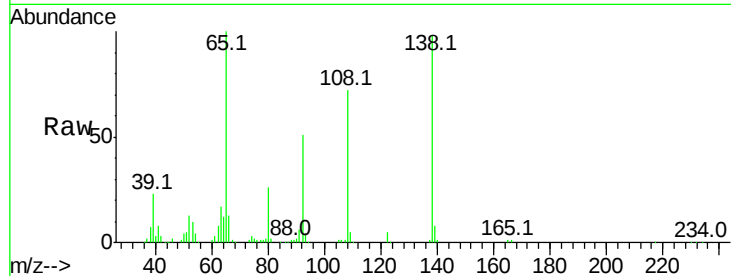
#61
4-Nitroaniline
Concen: 34.65 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	26.4	66.4
108	74.2	49.0	89.0

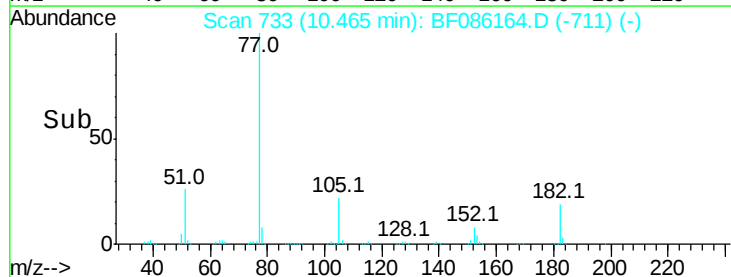
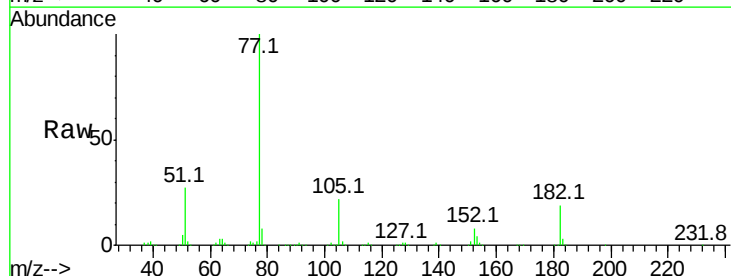
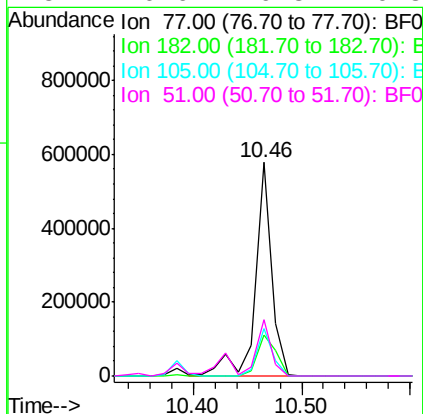
Manual Integrations
APPROVED

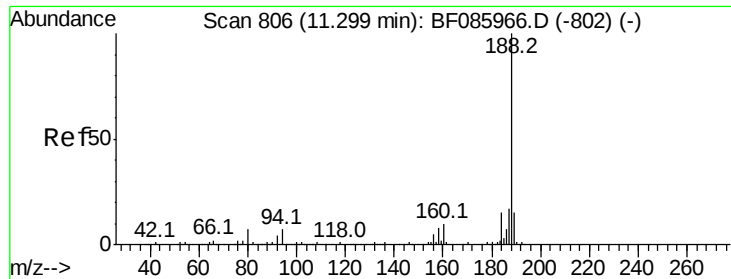
Sohil
4/11/2016 5:45:07 PM



#62
Azobenzene
Concen: 40.37 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	1.9	41.9
105	22.4	3.5	43.5
51	26.6	6.3	46.3





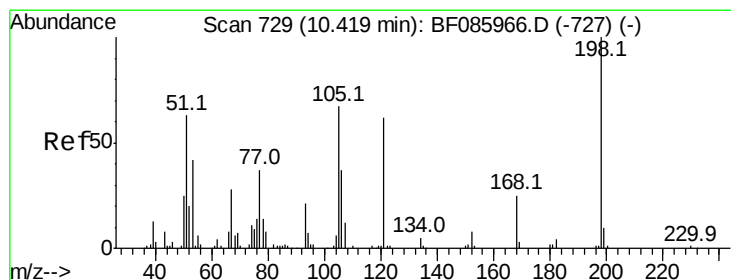
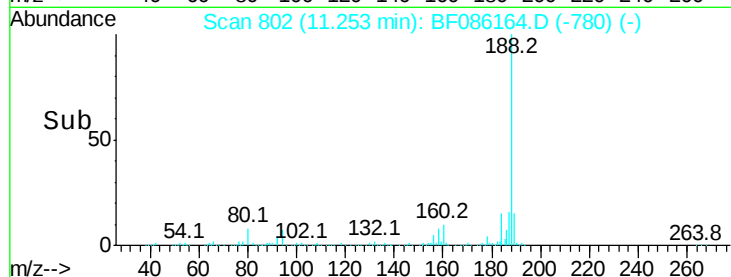
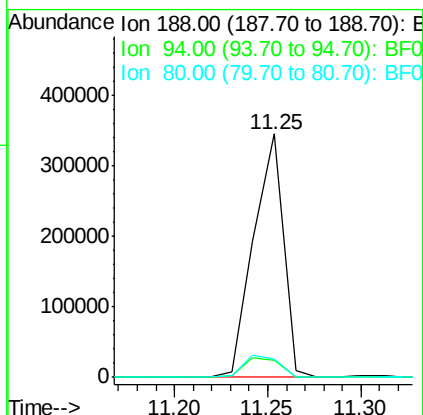
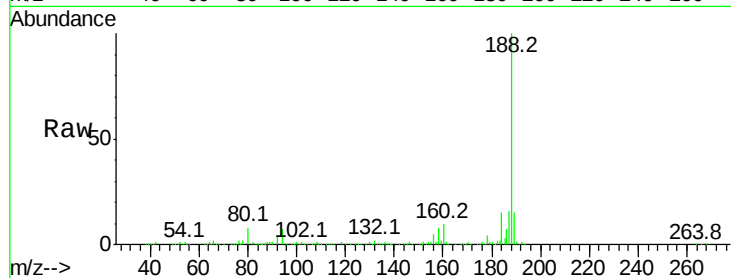
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	5.4	8.0
80	7.6	5.5	8.3

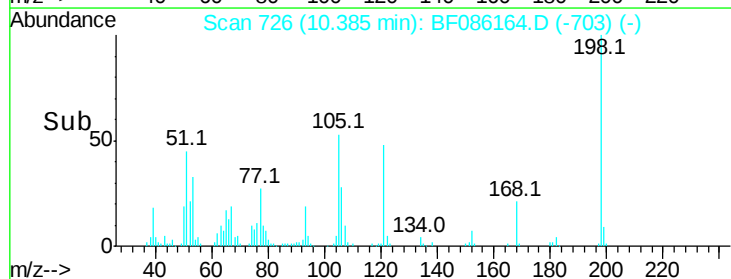
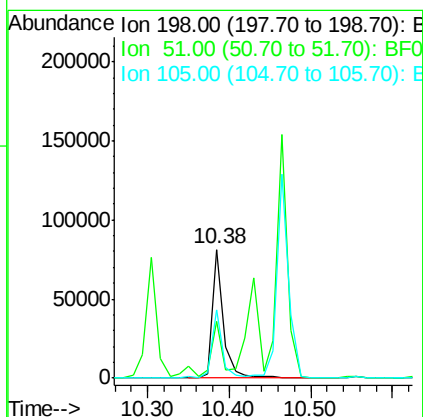
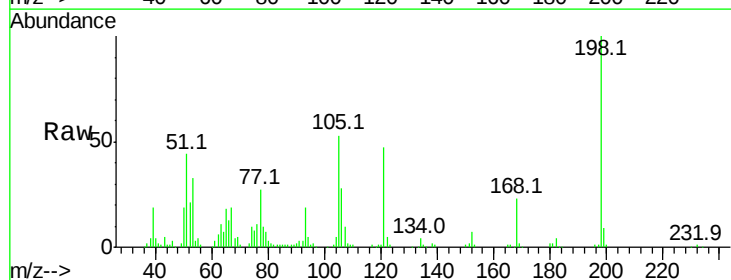
Manual Integrations
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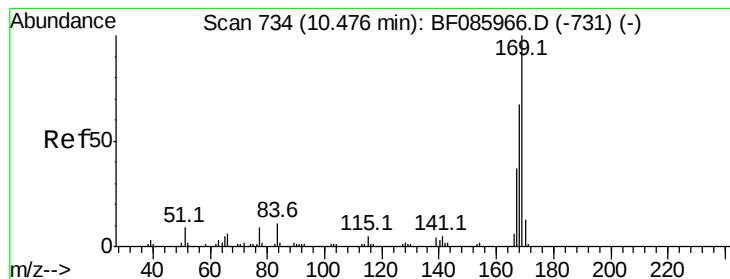
Sohil
4/11/2016 5:45:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.94 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.4	45.4	85.4#
105	52.9	45.9	85.9





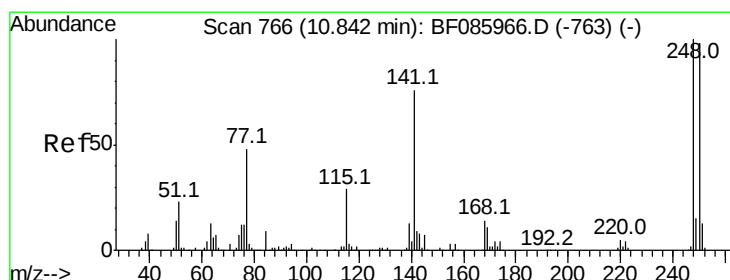
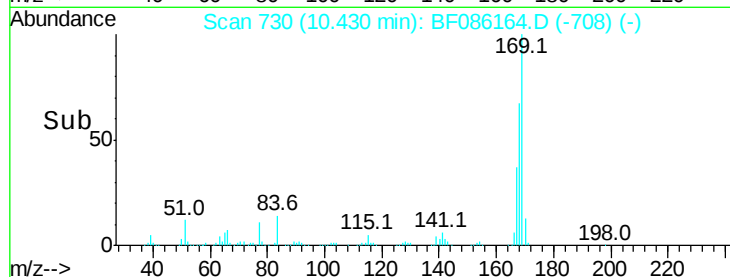
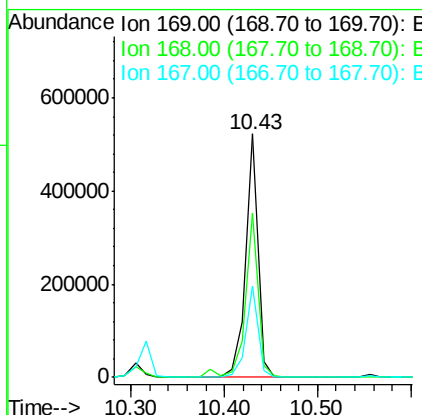
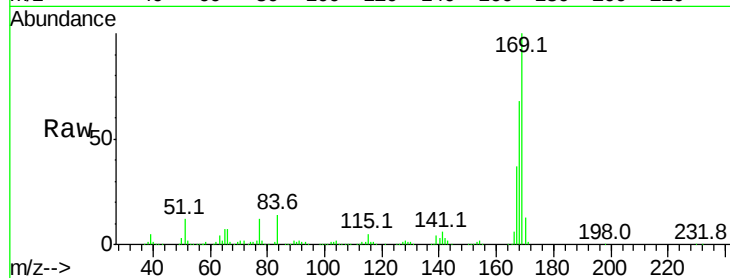
#65
n-Nitrosodiphenylamine
Concen: 39.96 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	477821		
168	67.5		54.4	81.6
167	37.4		29.4	44.0

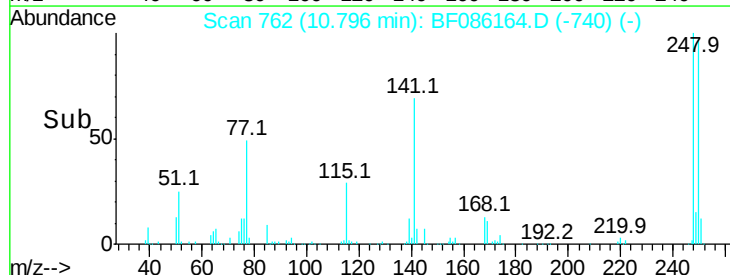
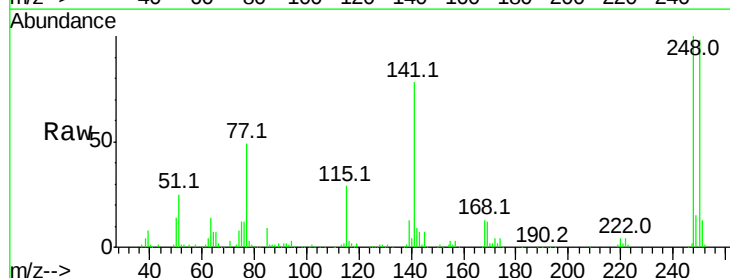
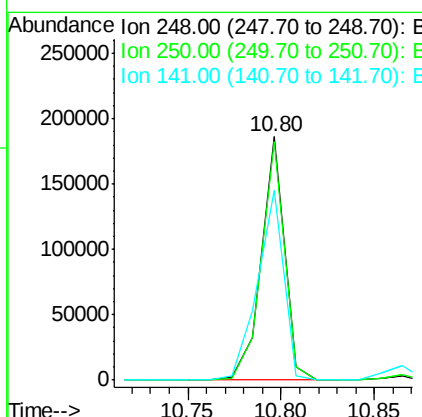
Manual Integrations
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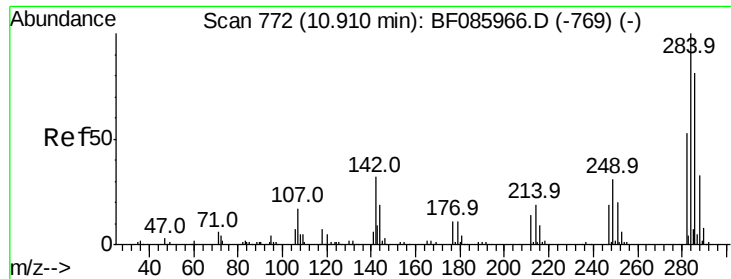
Sohil
4/11/2016 5:45:07 PM



#66
4-Bromophenyl-phenylether
Concen: 40.67 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	158772		
250	97.9		77.4	116.0
141	77.9		63.6	95.4





#67

Hexachlorobenzene

Concen: 40.54 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

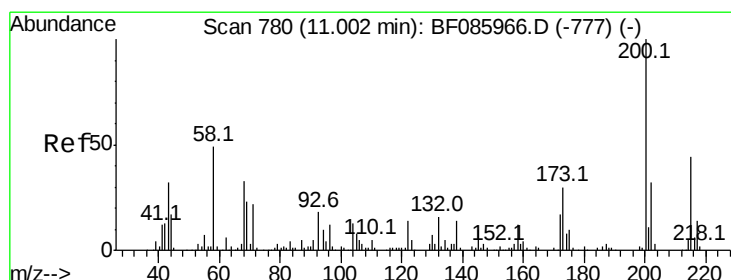
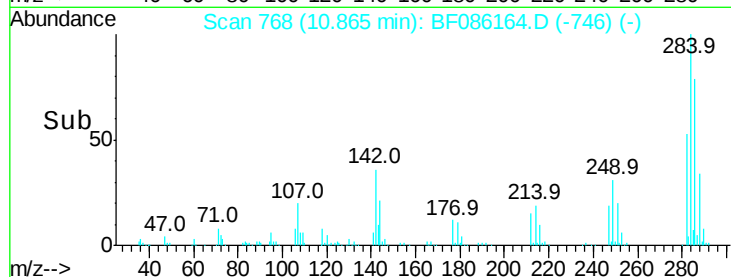
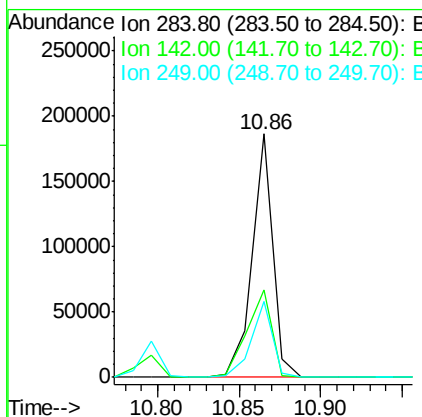
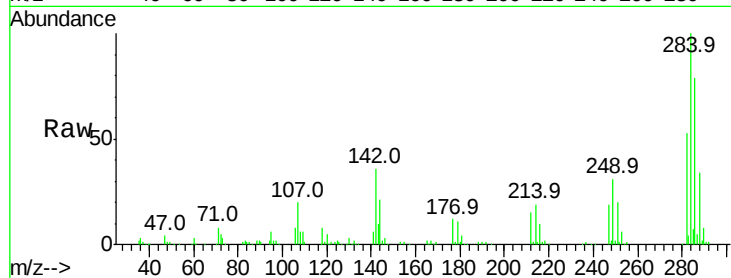
ClientSampleID :

PB89567BS

Tot Ion:	284	Resp:	163645
Ion Ratio		Lower	Upper
284	100		
142	36.1	23.1	34.7#
249	31.4	24.2	36.2

Manual Integrations
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#68

Atrazine

Concen: 38.98 ng

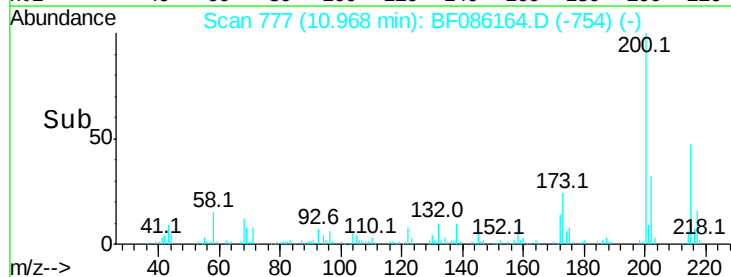
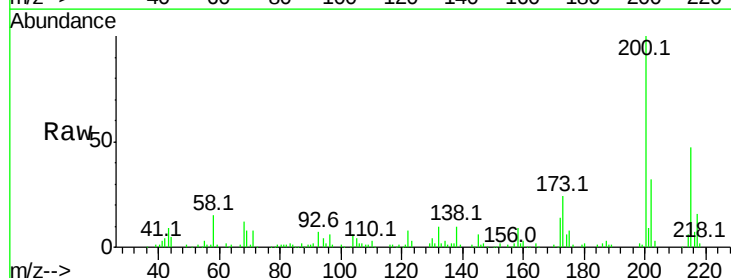
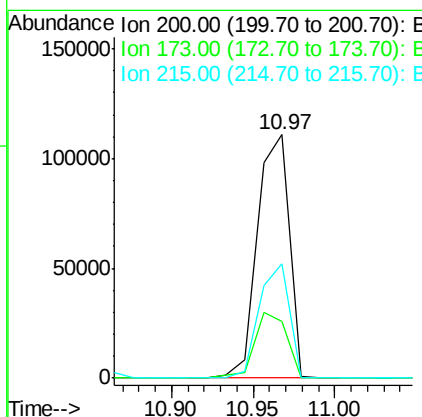
RT: 10.97 min Scan# 777

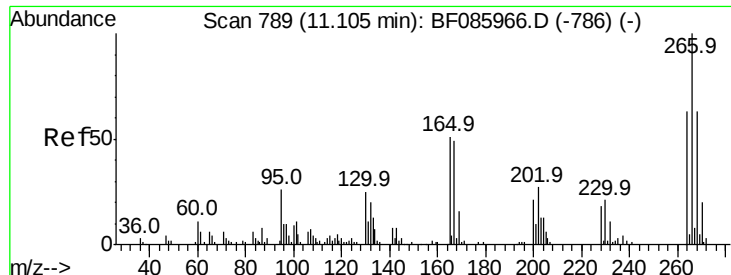
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	200	Resp:	150604
Ion Ratio		Lower	Upper
200	100		
173	23.6	7.7	47.7
215	47.2	25.4	65.4





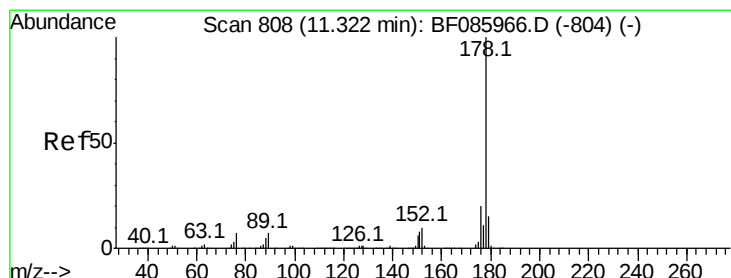
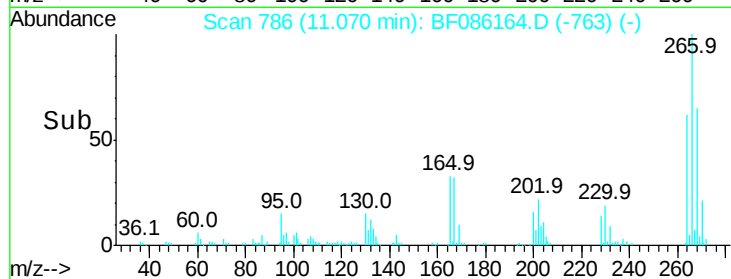
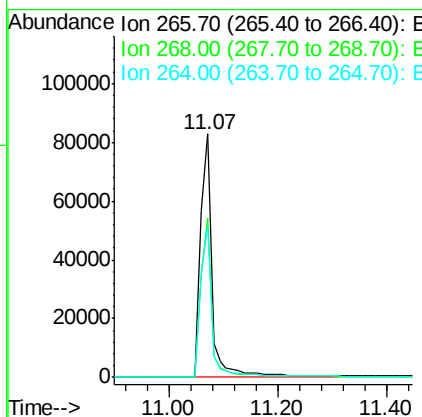
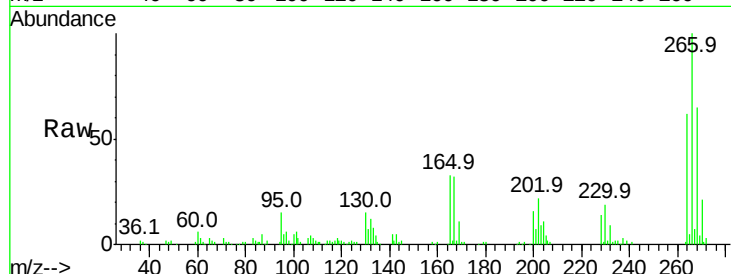
#69
 Pentachlorophenol
 Concen: 64.89 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampled :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122769		
268	65.1	51.5	77.3	
264	62.3	50.6	76.0	

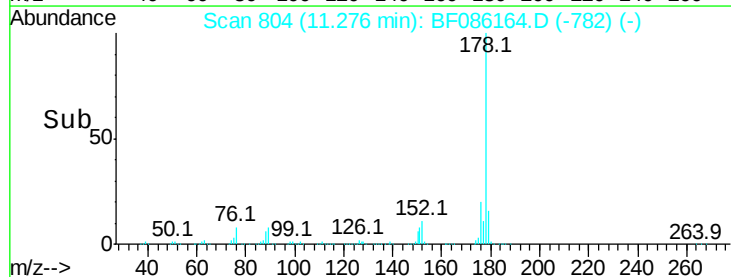
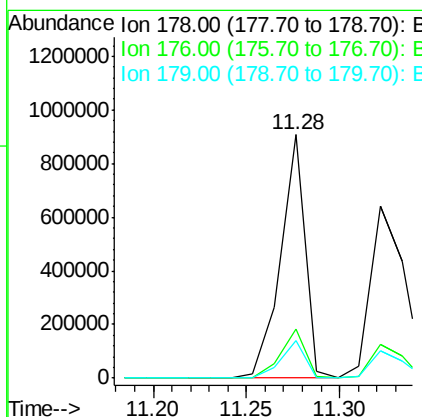
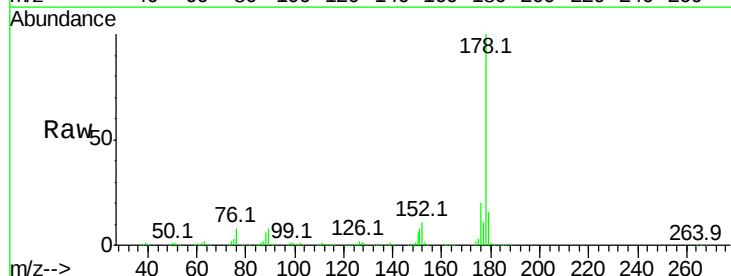
Manual Integrations
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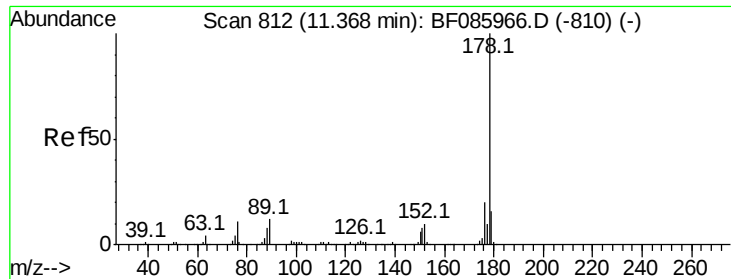
Sohil
 4/11/2016 5:45:07 PM



#70
 Phenanthrene
 Concen: 39.91 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	832498		
176	20.0	16.3	24.5	
179	15.7	12.6	18.8	





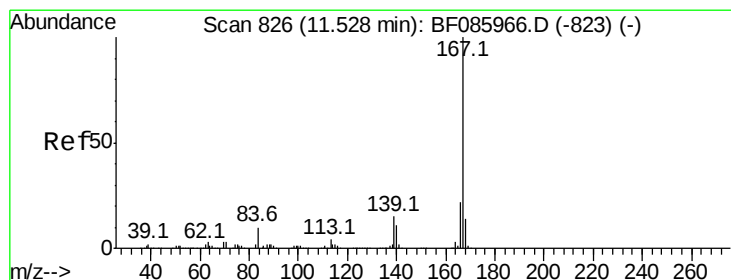
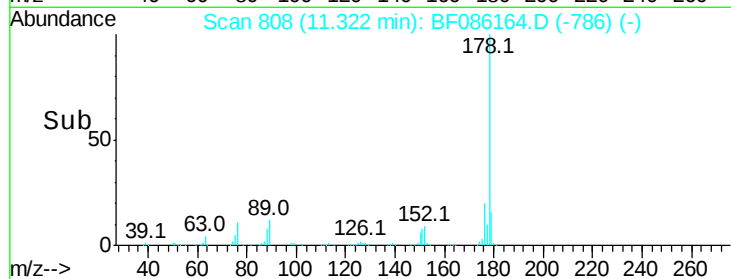
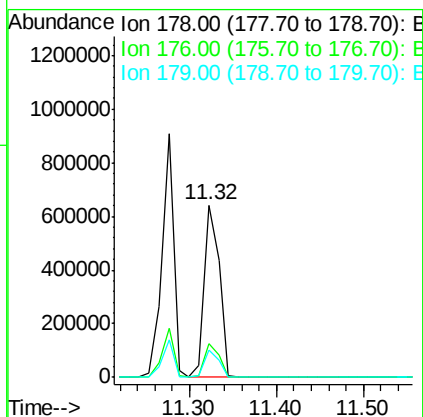
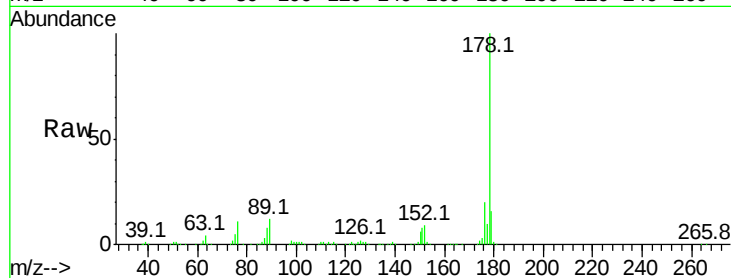
#71
 Anthracene
 Concen: 35.75 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

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

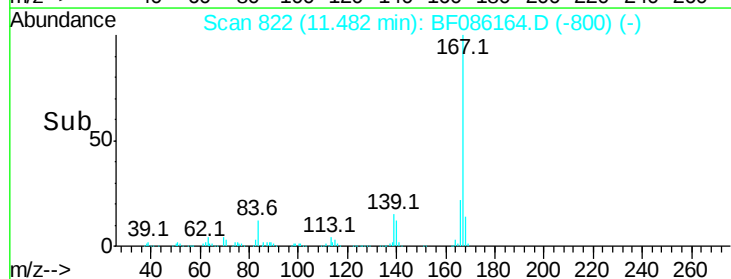
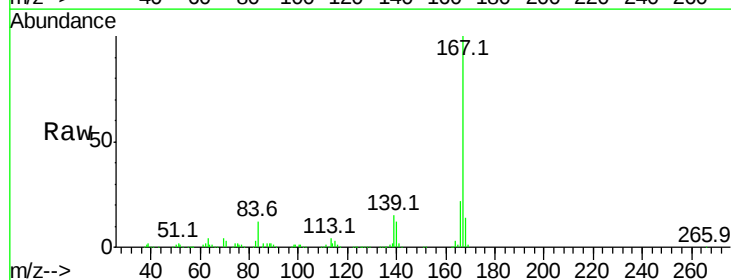
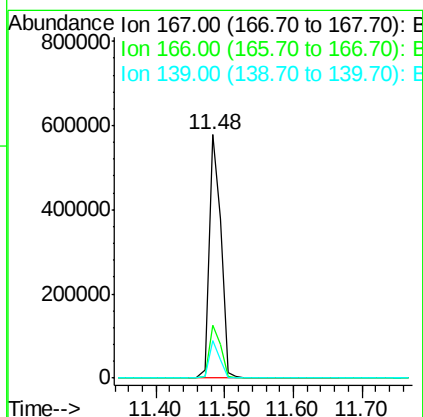
Manual Integrations
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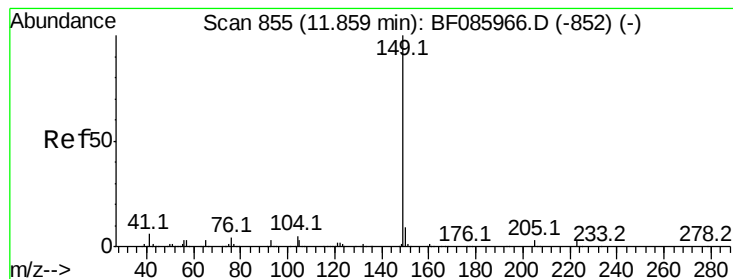
Sohil
 4/11/2016 5:45:07 PM



#72
 Carbazole
 Concen: 36.83 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	15.3	11.6	17.4





#73

Di-n-butylphthalate

Concen: 37.07 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

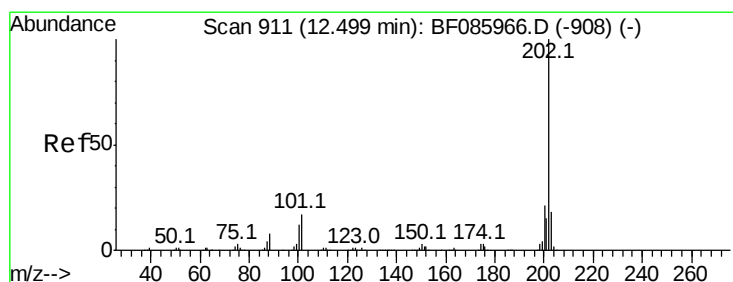
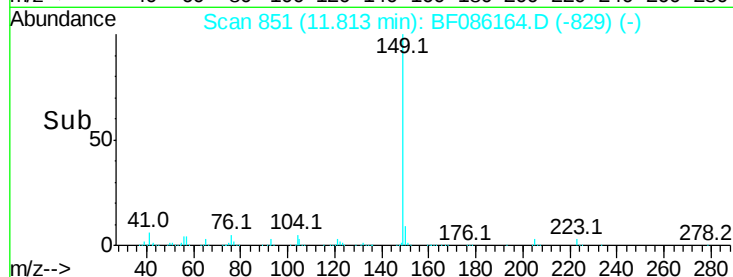
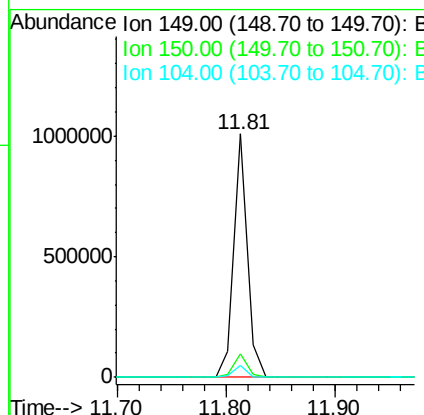
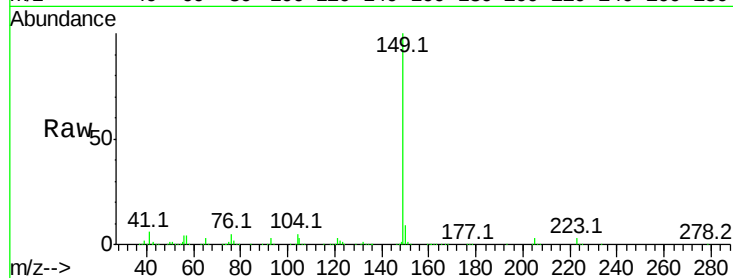
ClientSampleId :

PB89567BS

Tot Ion:	149	Resp:	862867
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.2	3.8	5.8

Manual Integrations
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Sohil
4/11/2016 5:45:07 PM



#74

Fluoranthene

Concen: 37.07 ng

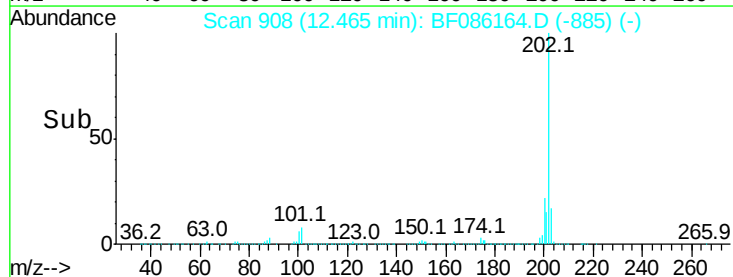
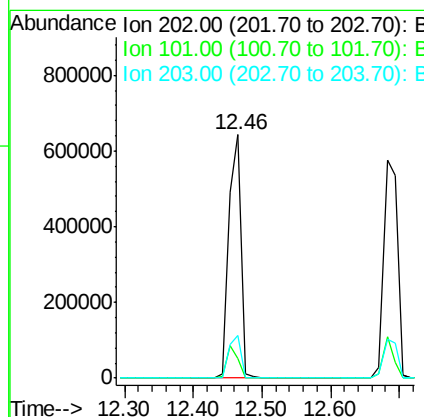
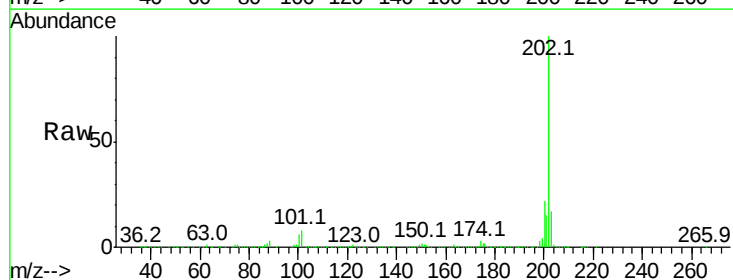
RT: 12.46 min Scan# 908

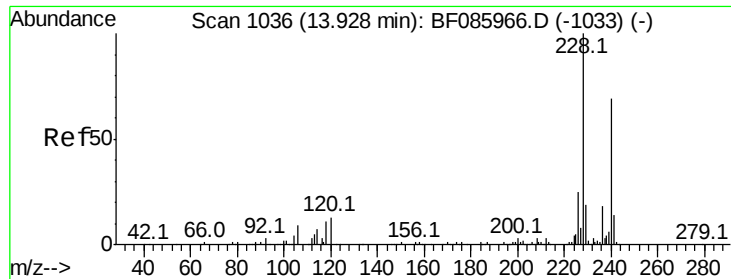
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	202	Resp:	804137
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	36.6
203	17.5	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: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

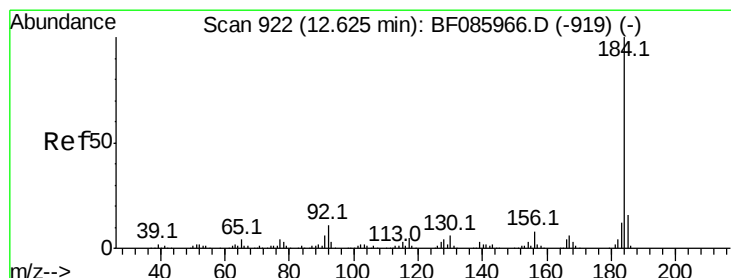
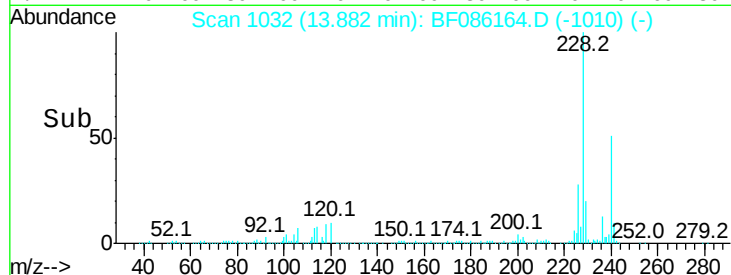
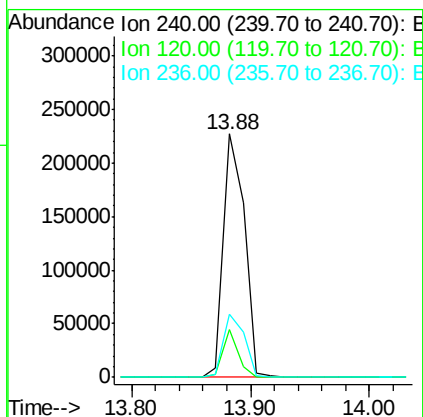
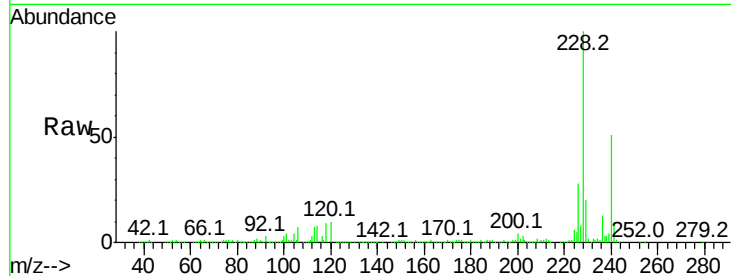
ClientSampleId :

PB89567BS

Tot Ion:	240	Resp:	278252
Ion Ratio	Lower	Upper	
240	100		
120	19.8	13.8	20.8
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 29.60 ng

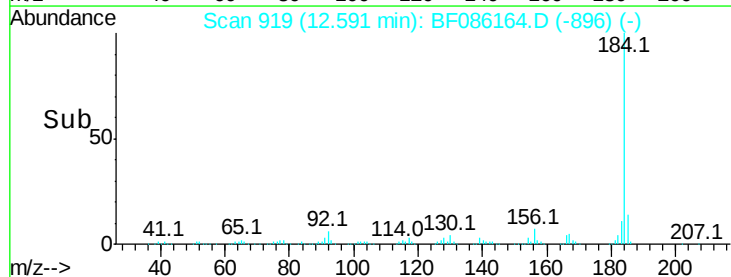
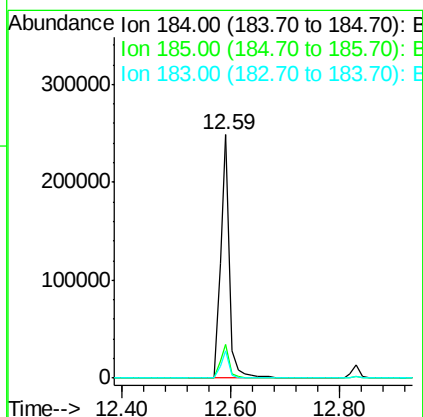
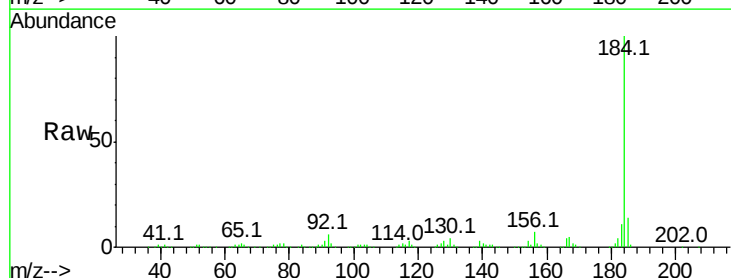
RT: 12.59 min Scan# 919

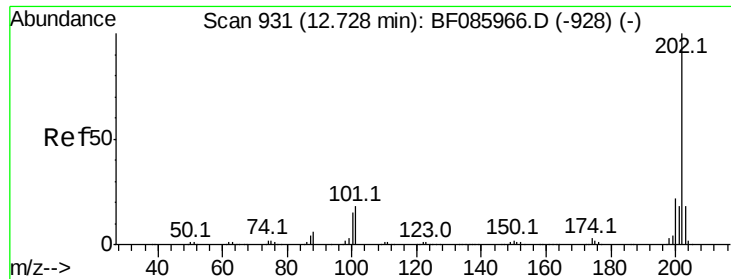
Delta R.T. -0.03 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	184	Resp:	290549
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.4	18.6
183	11.2	9.4	14.2





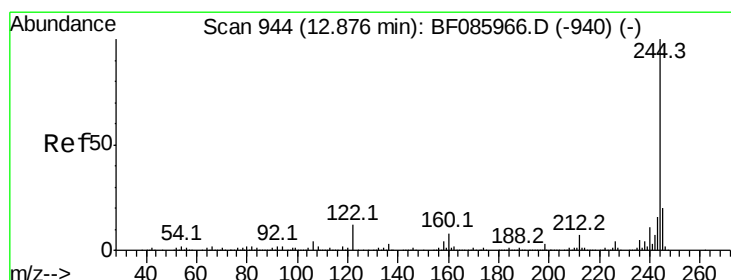
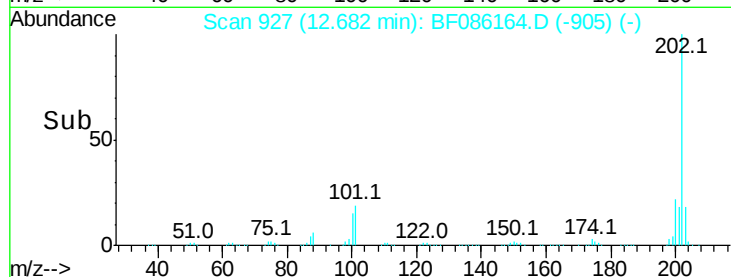
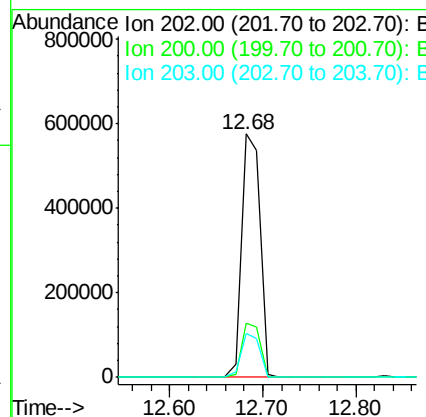
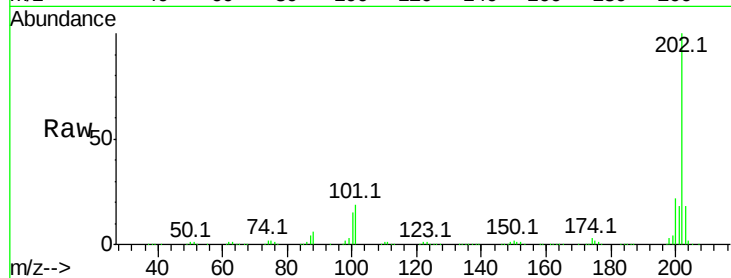
#77
Pvrene
Concen: 40.44 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.0	14.0	21.0

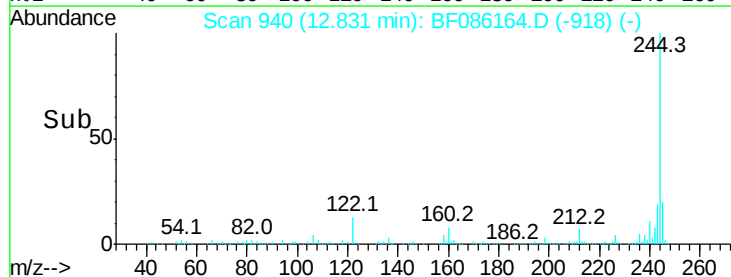
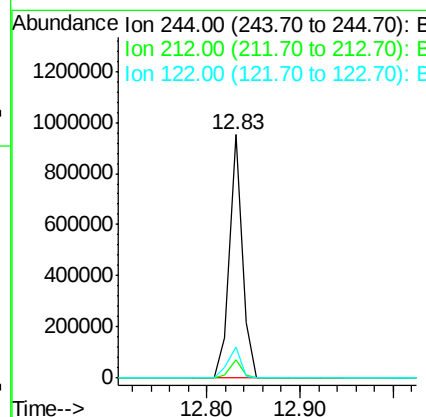
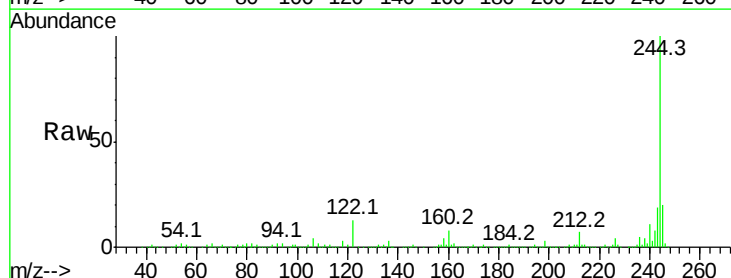
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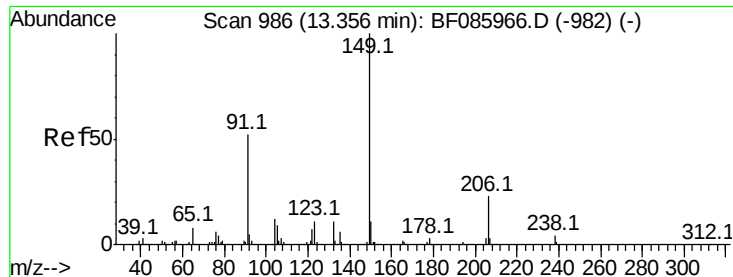
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#78
Terphenyl-d14
Concen: 77.39 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.7	10.2	15.4





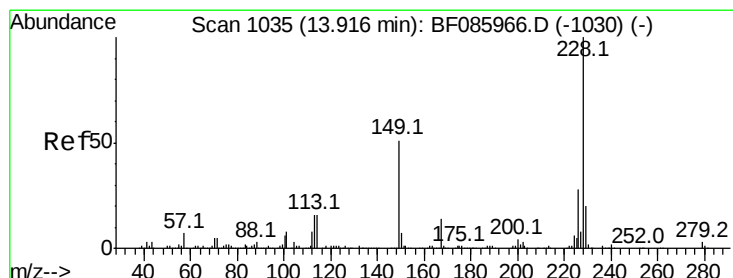
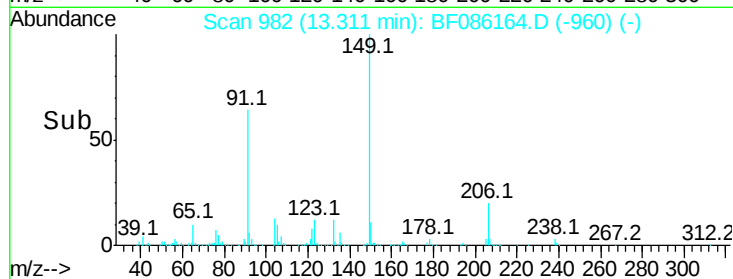
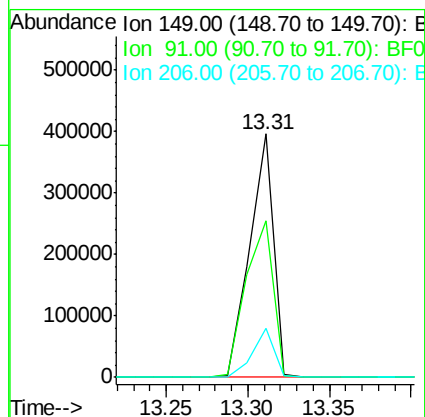
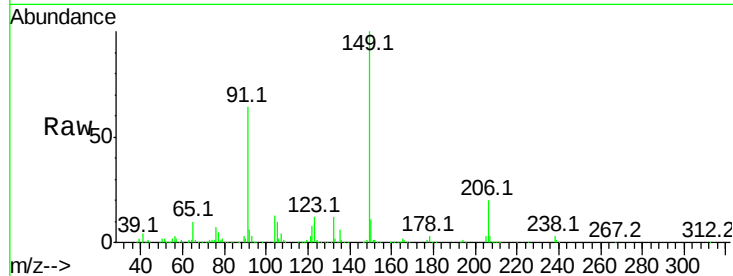
#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	401380		
91	64.2	45.8	68.8	
206	20.1	17.8	26.8	

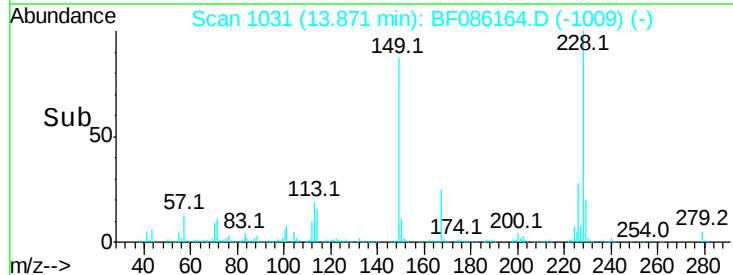
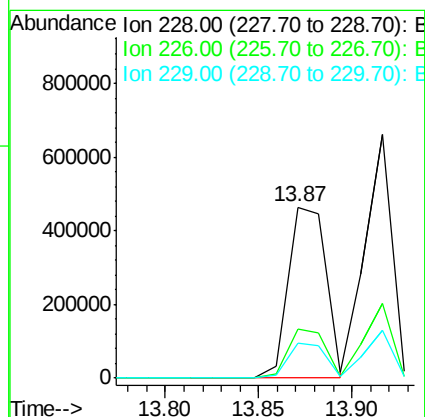
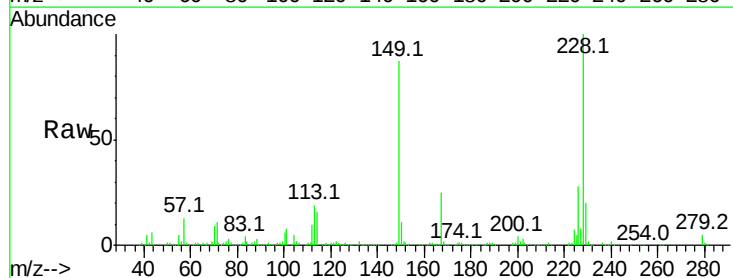
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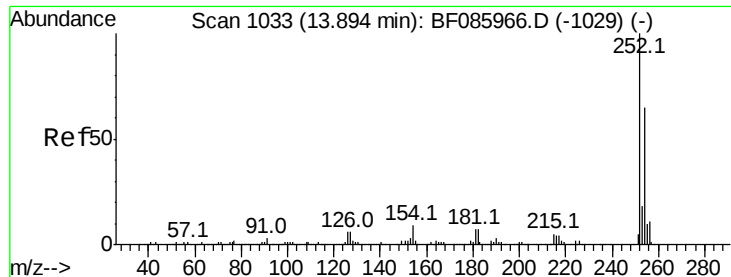
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#80
Benzo(a)anthracene
Concen: 40.05 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	656851		
226	28.4	22.1	33.1	
229	20.4	16.2	24.4	





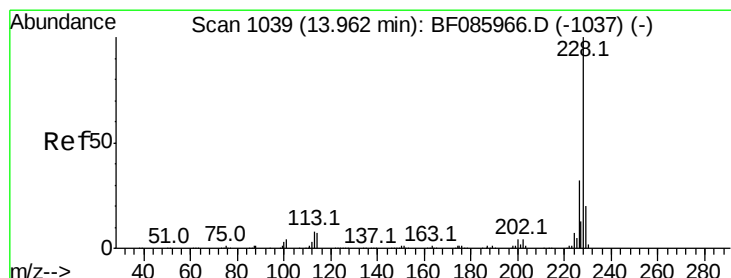
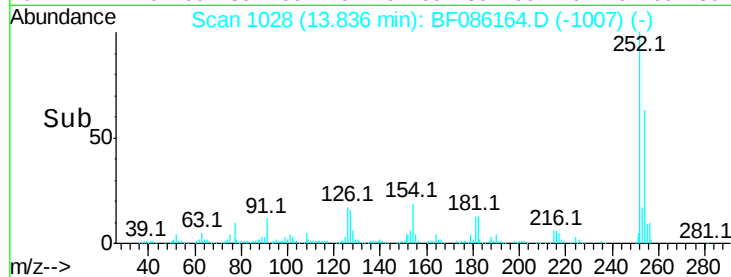
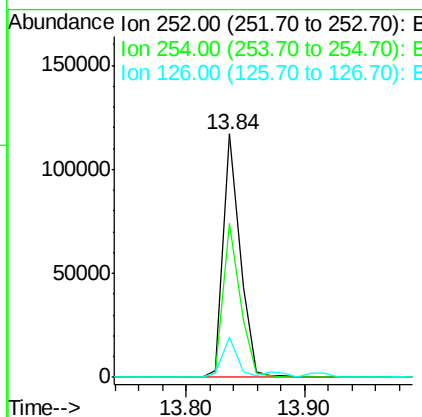
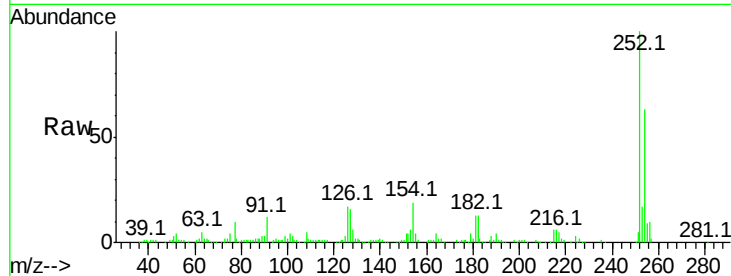
#81
 3,3'-Dichlorobenzidine
 Concen: 9.66 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion:	252	Resp:	115750
Ion Ratio	Lower	Upper	
252	100		
254	63.2	50.7	76.1
126	16.5	11.8	17.6

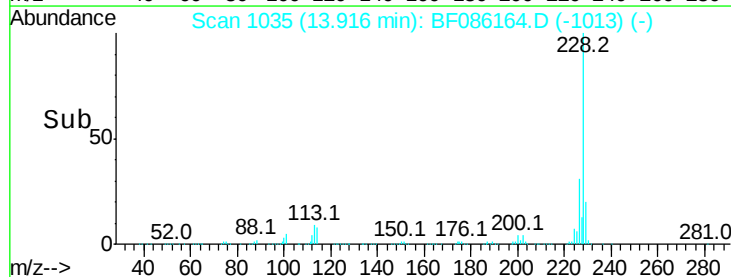
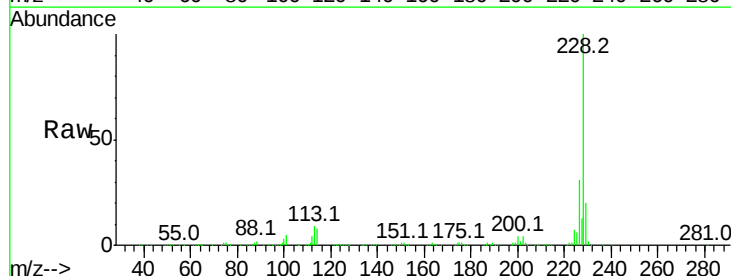
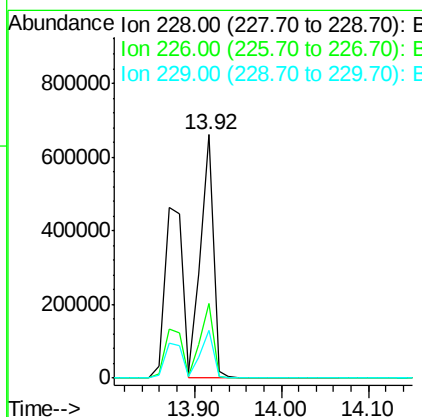
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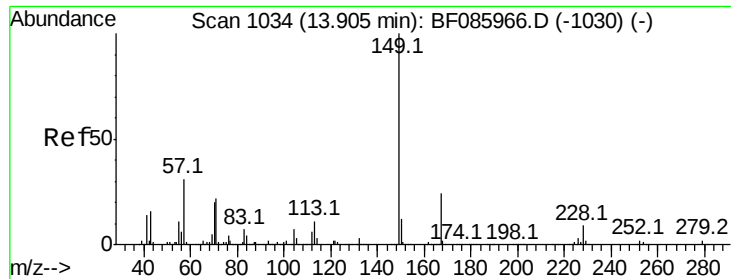
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#82
 Chrysene
 Concen: 42.13 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion:	228	Resp:	665584
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	19.6	15.7	23.5





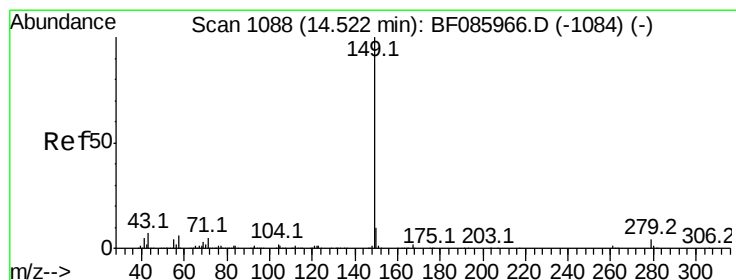
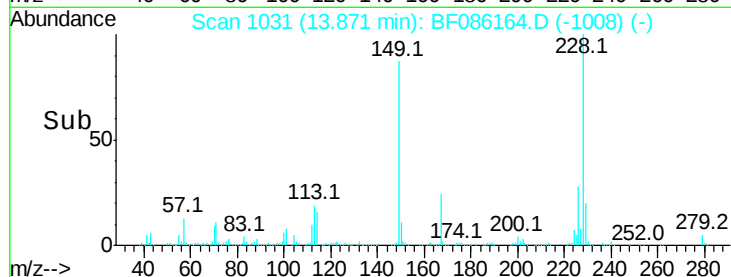
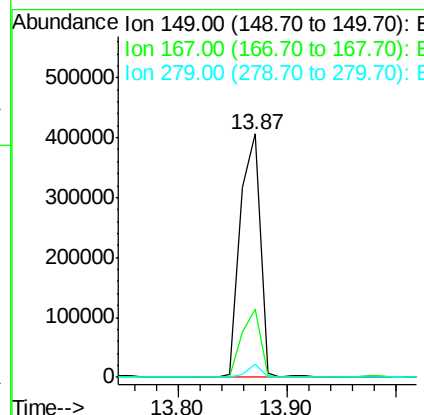
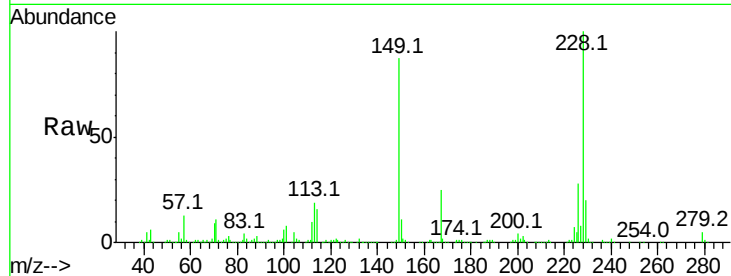
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.47 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	509423		
167	28.1	19.4	29.2	
279	5.3	1.5	2.3	

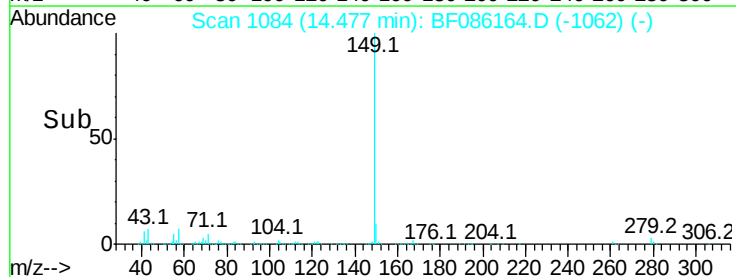
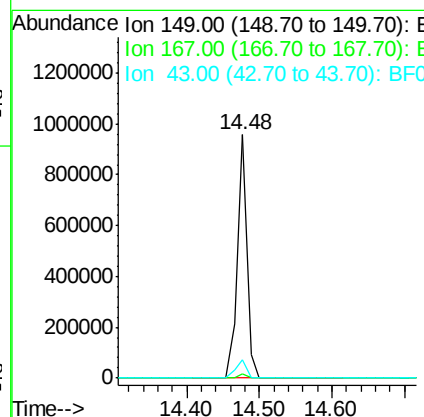
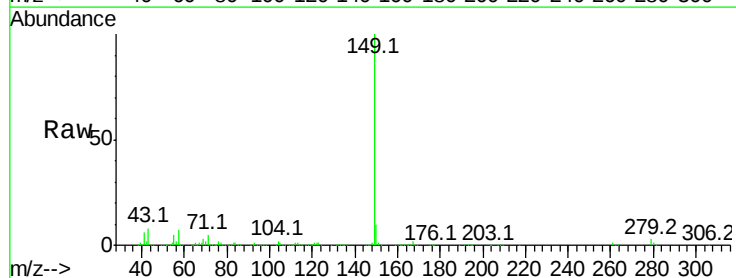
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#84
 Di-n-octyl phthalate
 Concen: 46.74 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086164.D
 Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	874556		
167	1.6	1.2	1.8	
43	8.6	7.1	10.7	





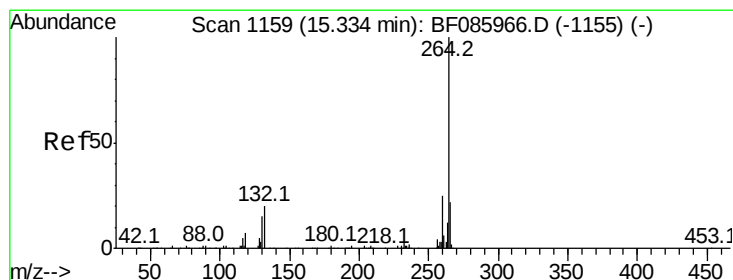
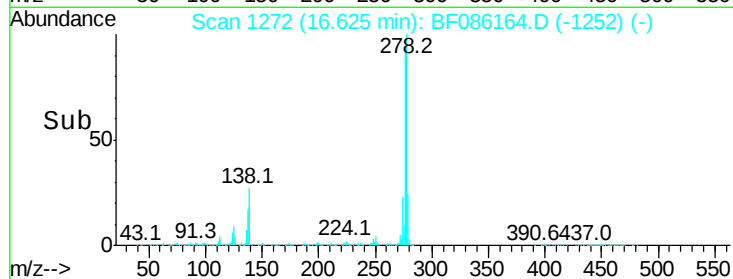
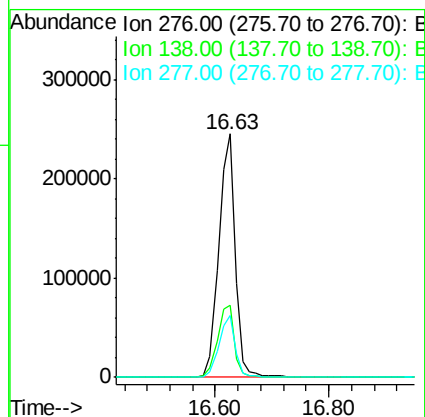
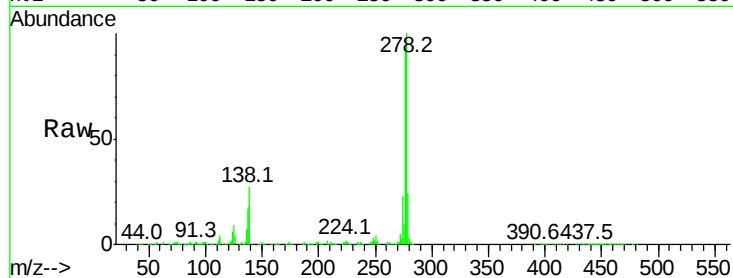
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.41 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.07 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion:	276	Resp:	492397
Ion Ratio		Lower	Upper
276	100		
138	30.1	24.2	36.4
277	25.2	20.0	30.0

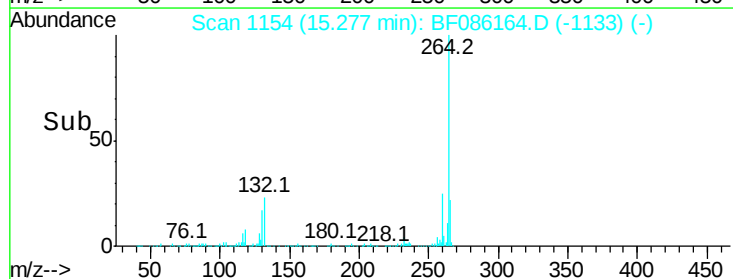
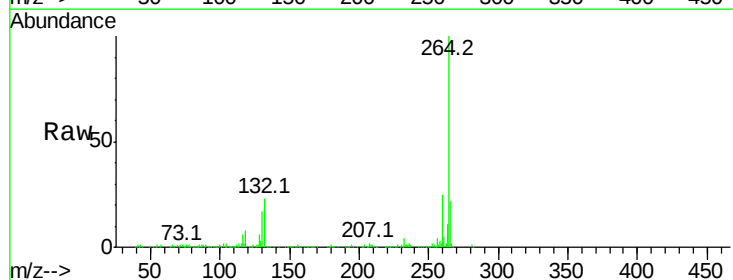
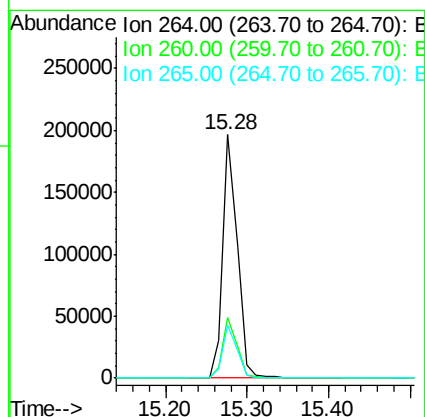
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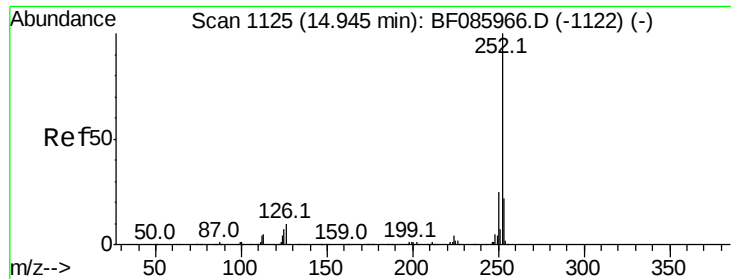
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion:	264	Resp:	241261
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.08 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

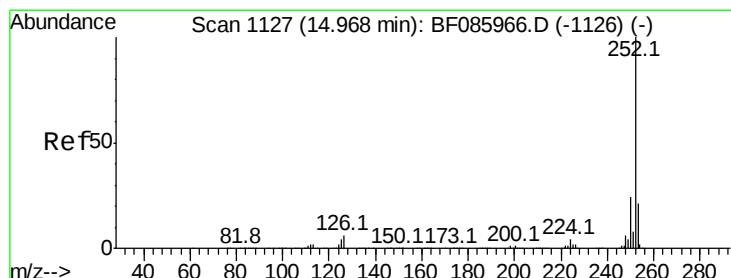
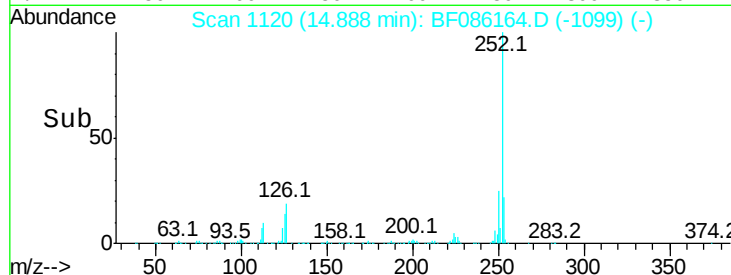
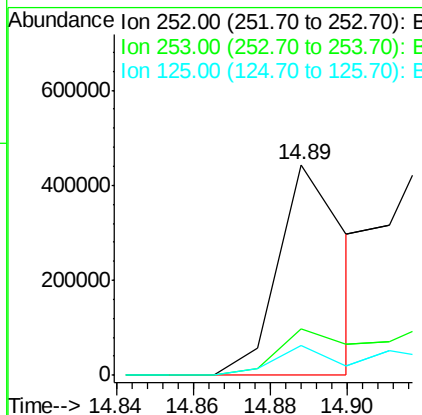
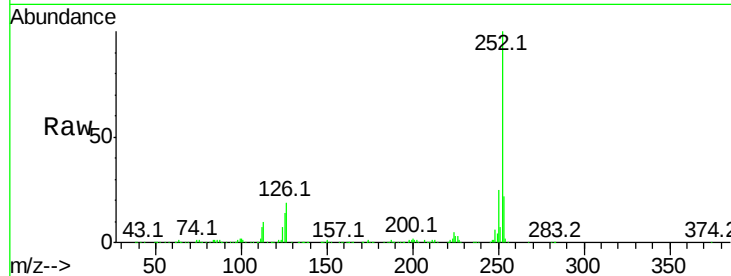
ClientSampleId :

PB89567BS

Tot Ion:	252	Resp:	547540
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	14.1	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 44.61 ng m

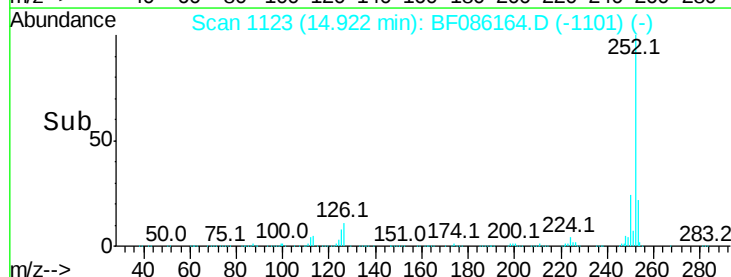
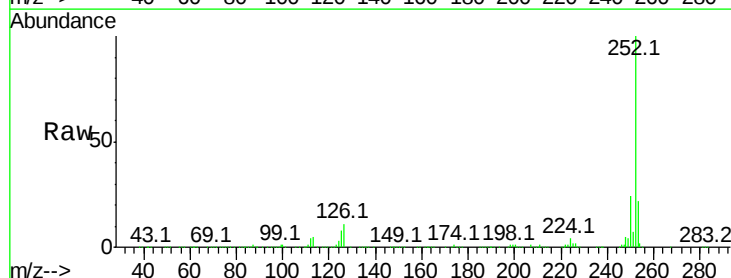
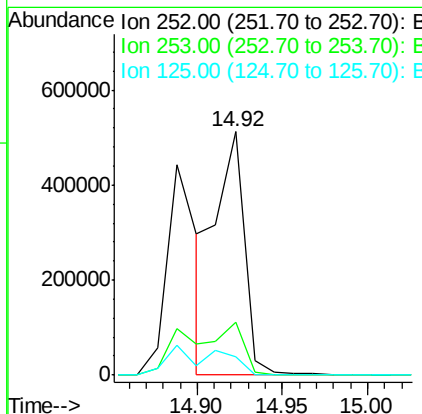
RT: 14.92 min Scan# 1123

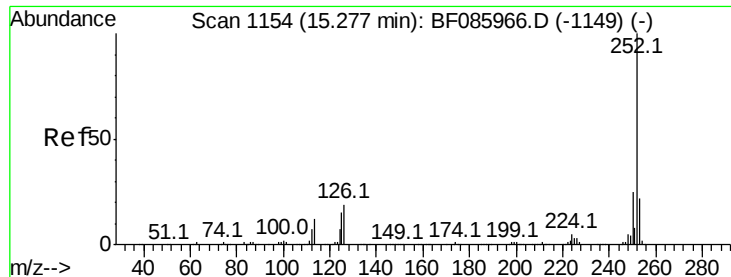
Delta R.T. -0.05 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Tgt Ion:	252	Resp:	599503
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	7.5	7.7	11.5#





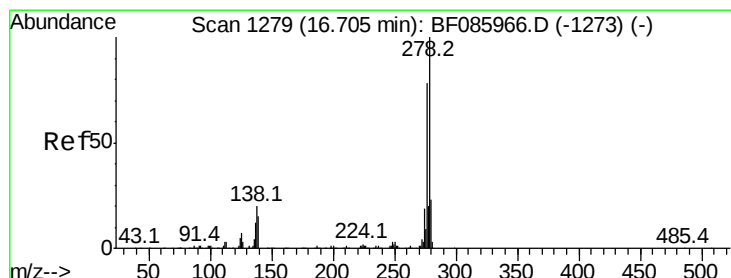
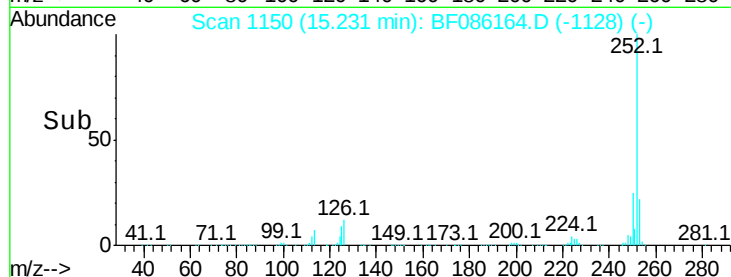
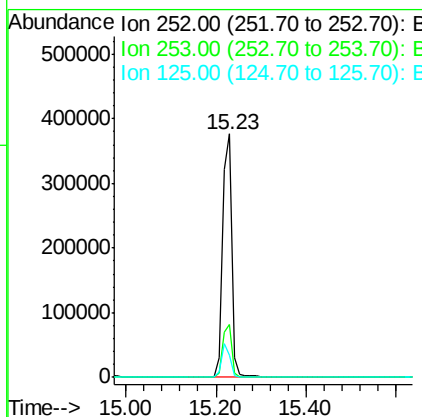
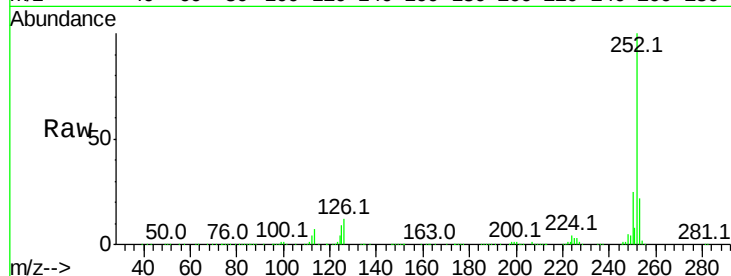
#89
Benzo(a)pyrene
Concen: 40.07 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.0	10.3	15.5

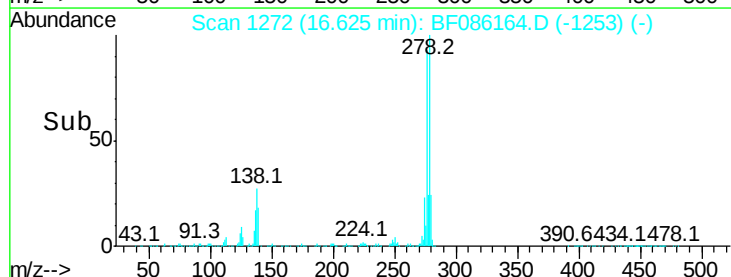
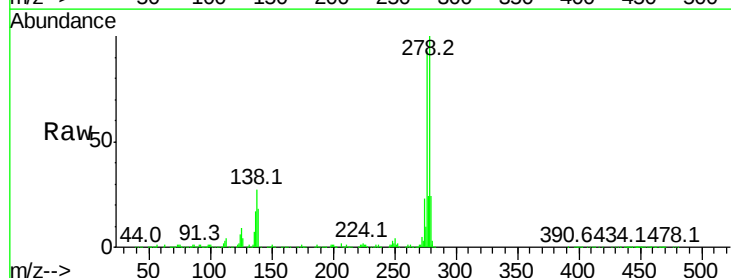
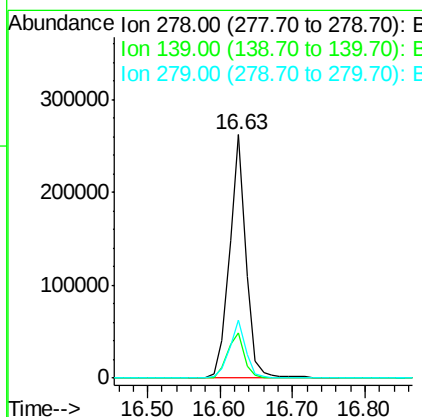
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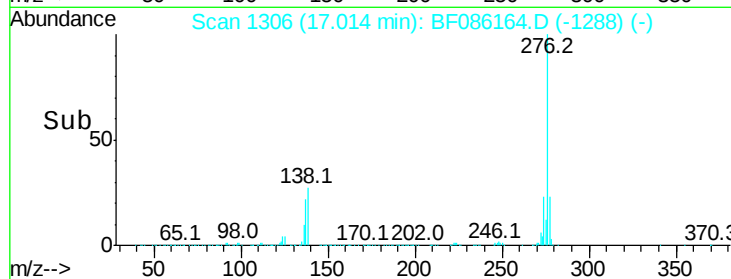
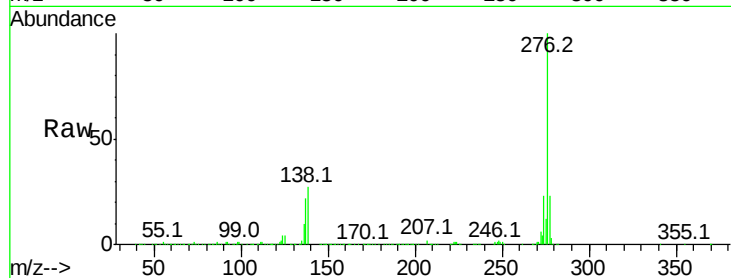
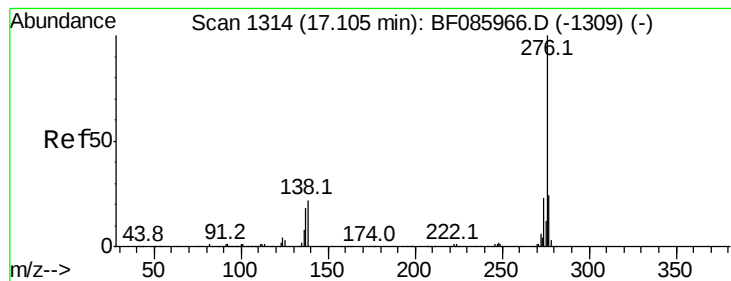
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.21 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086164.D
Acq: 8 Apr 2016 13:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.4	21.6
279	24.0	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 38.85 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.09 min

Lab File: BF086164.D

Acq: 8 Apr 2016 13:17

Instrument :

BNA_F

ClientSampleId :

PB89567BS

Tot Ion:	276	Resp:	406814
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	26.9	22.6	34.0

Manual Integrations
APPROVED

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