

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086043.D
 Acq On : 4 Apr 2016 17:35
 Operator : UM/SJ
 Sample : H2180-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:04 PM

Quant Time: Apr 05 11:17:56 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	6.76	152	122280	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	466689	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195520	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	308132	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	206222	20.00	ng	-0.01
86) Perylene-d12	15.32	264	181889	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	946041	132.24	ng	0.00
7) Phenol-d6	6.42	99	1163909	128.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	724712	91.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	218667	119.16	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1109362	94.34	ng	-0.01
78) Terphenyl-d14	12.86	244	766327	87.35	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.35	88	128365	37.85 ng	99
3) Pyridine	3.05	79	361947	47.67 ng	99
4) n-Nitrosodimethylamine	3.00	42	150629	45.11 ng	99
6) Aniline	6.45	93	63037m	5.29 ng	
8) 2-Chlorophenol	6.56	128	347739	40.76 ng	96
9) Benzaldehyde	6.30	77	150111	30.70 ng	91
10) Phenol	6.43	94	397323	38.33 ng	100
11) bis(2-Chloroethyl)ether	6.50	93	508196m	61.91 ng	
12) 1,3-Dichlorobenzene	6.70	146	375074m	41.48 ng	
13) 1,4-Dichlorobenzene	6.78	146	375802m	40.34 ng	
14) 1,2-Dichlorobenzene	6.93	146	348974	40.70 ng	98
15) Benzyl Alcohol	6.92	79	261633	44.50 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	377725	37.67 ng	65
17) 2-Methylphenol	7.04	107	282104	41.94 ng	96
18) Hexachloroethane	7.28	117	130282	38.02 ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	227839	40.45 ng	# 91
20) 3+4-Methylphenols	7.20	107	352079	43.04 ng	# 61
22) Acetophenone	7.18	105	486244	44.32 ng	# 90
24) Nitrobenzene	7.36	77	384083	44.36 ng	94
25) Isophorone	7.60	82	665783	42.62 ng	95
26) 2-Nitrophenol	7.68	139	180684	43.62 ng	# 89
27) 2,4-Dimethylphenol	7.72	122	312829	42.05 ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	387654	42.29 ng	98
29) 2,4-Dichlorophenol	7.92	162	277417	44.11 ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	297090	42.08 ng	96
31) Naphthalene	8.08	128	970514	41.34 ng	99
32) Benzoic acid	7.81	122	14083	2.58 ng	97
33) 4-Chloroaniline	8.14	127	152764	16.11 ng	# 96
34) Hexachlorobutadiene	8.19	225	155773	41.04 ng	99
35) Caprolactam	8.51	113	84909	42.55 ng	# 84
36) 4-Chloro-3-methylphenol	8.62	107	296994	42.00 ng	95
37) 2-Methylnaphthalene	8.76	142	620556	40.47 ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252492	42.97 ng	99
40) Hexachlorocyclopentadiene	8.91	237	60960	37.94 ng	99

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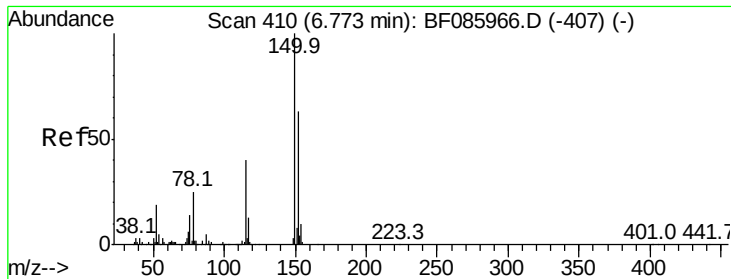
Manual Integrations
 APPROVED

Sohil
 4/5/2016 6:39:04 PM

Quant Time: Apr 05 11:17:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	175773	46.58	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	180640	47.15	nq	# 90
45) 1,1'-Biphenyl	9.23	154	706194	41.89	nq	95
46) 2-Chloronaphthalene	9.25	162	546754	44.74	nq	97
47) 2-Nitroaniline	9.36	65	181585	50.78	nq	93
48) Acenaphthylene	9.66	152	842827	43.05	nq	100
49) Dimethylphthalate	9.53	163	732750	50.56	nq	100
50) 2,6-Dinitrotoluene	9.60	165	132112	43.09	nq	93
51) Acenaphthene	9.84	154	494904	42.51	nq	99
52) 3-Nitroaniline	9.77	138	115403	31.23	nq	94
53) 2,4-Dinitrophenol	9.88	184	20917	18.23	nq	94
54) Dibenzofuran	10.01	168	680365	44.25	nq	98
55) 4-Nitrophenol	9.94	139	167613	76.94	nq	# 80
56) 2,4-Dinitrotoluene	10.01	165	150261	38.78	nq	# 77
57) Fluorene	10.35	166	541631	41.24	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	126209	44.24	nq	97
59) Diethylphthalate	10.22	149	565723	38.68	nq	96
60) 4-Chlorophenyl-phenylether	10.34	204	238774	39.03	nq	98
61) 4-Nitroaniline	10.38	138	112176	30.82	nq	93
62) Azobenzene	10.50	77	604166	43.12	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	29205	15.64	nq	# 65
65) n-Nitrosodiphenylamine	10.46	169	479098	49.72	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	150554	47.86	nq	98
67) Hexachlorobenzene	10.90	284	148514	45.65	nq	# 93
68) Atrazine	10.99	200	129867	41.71	nq	95
69) Pentachlorophenol	11.09	266	130494	85.59	nq	98
70) Phenanthrene	11.31	178	805221	47.90	nq	99
71) Anthracene	11.36	178	722566	41.03	nq	99
72) Carbazole	11.52	167	572061	37.79	nq	98
73) Di-n-butylphthalate	11.85	149	792711	42.26	nq	100
74) Fluoranthene	12.50	202	844273	48.29	nq	92
77) Pyrene	12.73	202	822742	56.62	nq	100
79) Butylbenzylphthalate	13.35	149	308734	47.18	nq	# 82
80) Benzo(a)anthracene	13.92	228	606776	49.92	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	31429	3.54	nq	# 94
82) Chrysene	13.95	228	591820	50.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	523506	60.28	nq	# 93
84) Di-n-octyl phthalate	14.51	149	721787	52.04	nq	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	449351	47.30	nq	99
87) Benzo(b)fluoranthene	14.93	252	648045m	56.64	nq	
88) Benzo(k)fluoranthene	14.96	252	431430m	42.58	nq	
89) Benzo(a)pyrene	15.27	252	488187	48.16	nq	# 96
90) Dibenzo(a,h)anthracene	16.68	278	351245	43.06	nq	# 95
91) Benzo(g,h,i)perylene	17.09	276	375338	47.55	nq	94

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



#1

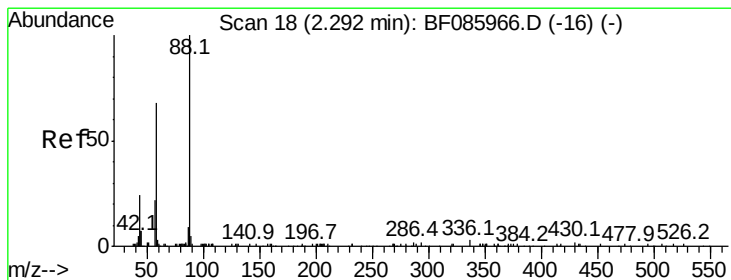
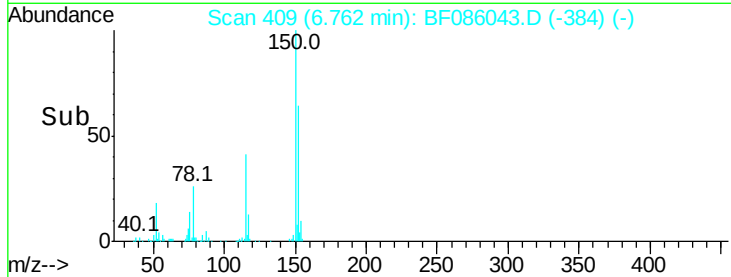
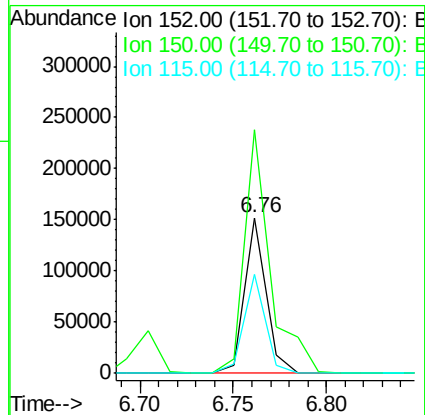
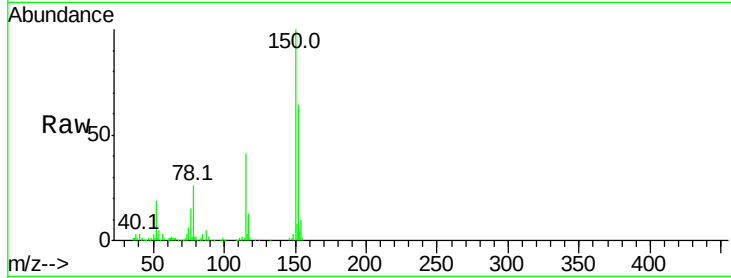
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	63.7	47.0	70.6

Manual Integrations
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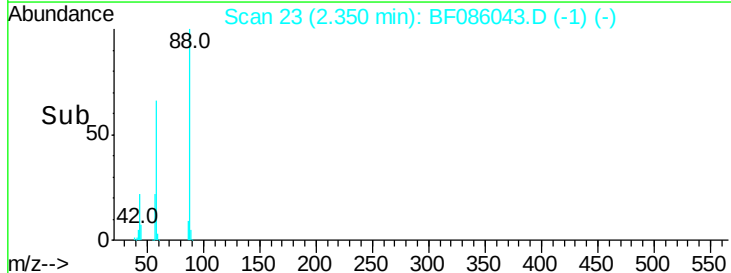
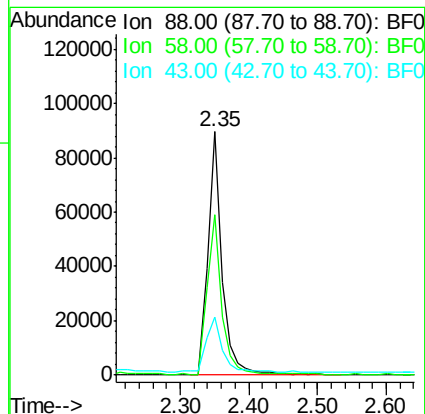
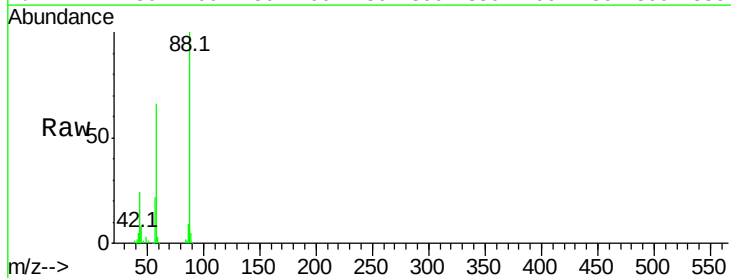
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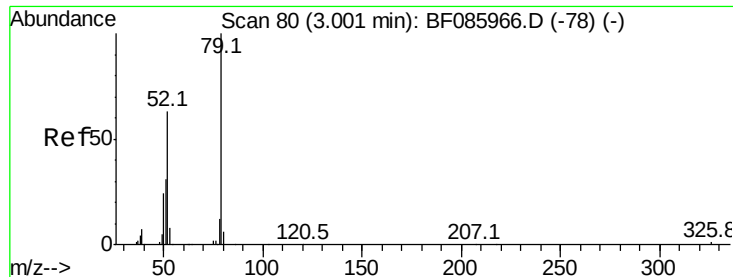


#2

1,4-Dioxane
Concen: 37.85 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.2	81.2
43	24.3	19.3	28.9





#3

Pvridine

Concen: 47.67 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.05 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

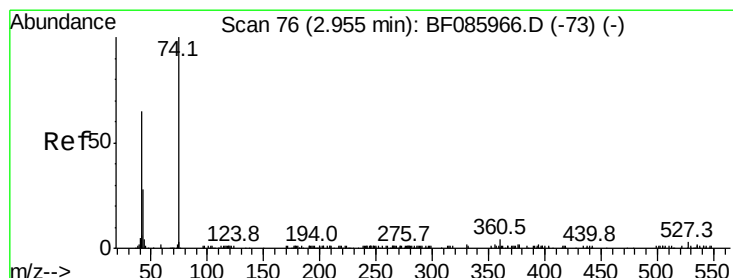
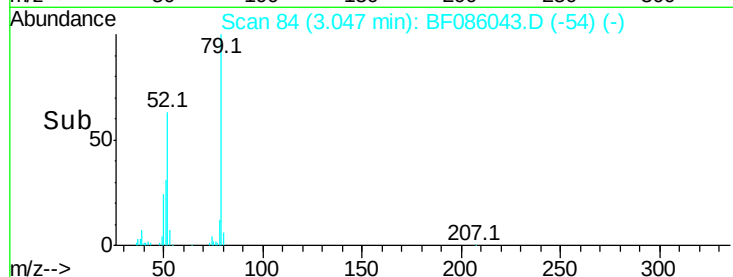
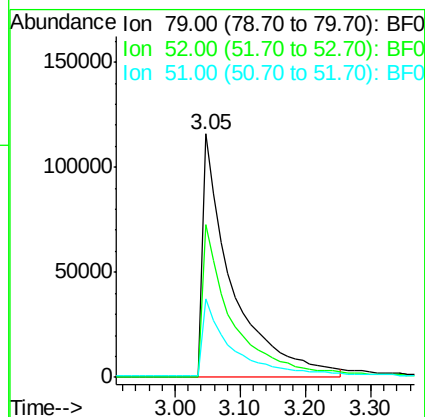
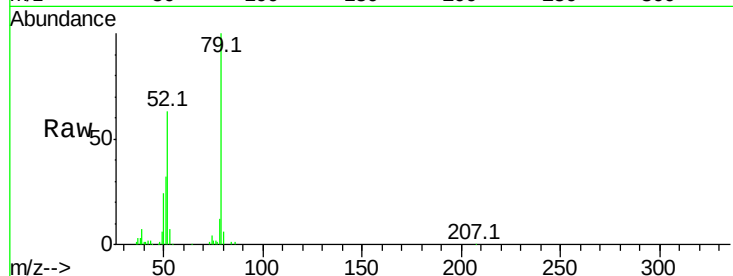
ClientSampleId :

TK2-1-20160401MS

Tot Ion	79	Resp	361947
Ion Ratio	Lower	Upper	
79	100		
52	62.9	49.8	74.6
51	32.0	24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.11 ng

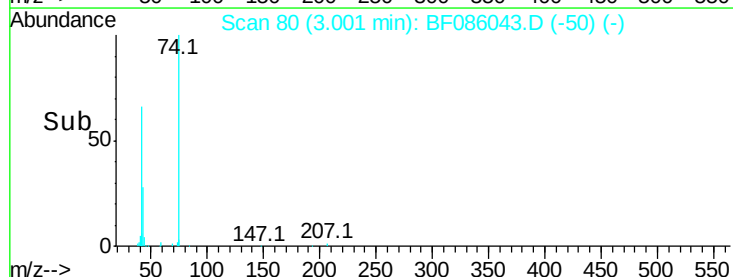
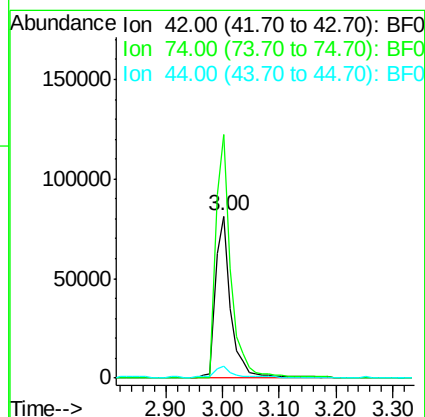
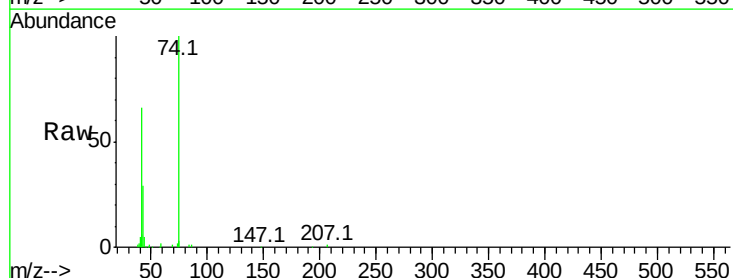
RT: 3.00 min Scan# 80

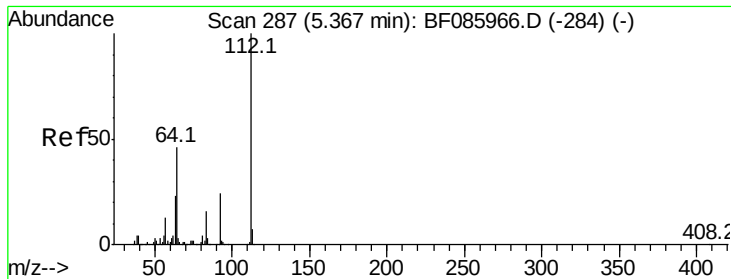
Delta R.T. 0.05 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion	42	Resp	150629
Ion Ratio	Lower	Upper	
42	100		
74	150.4	121.4	182.2
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 132.24 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

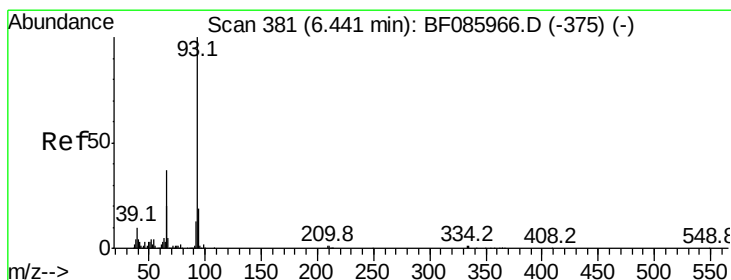
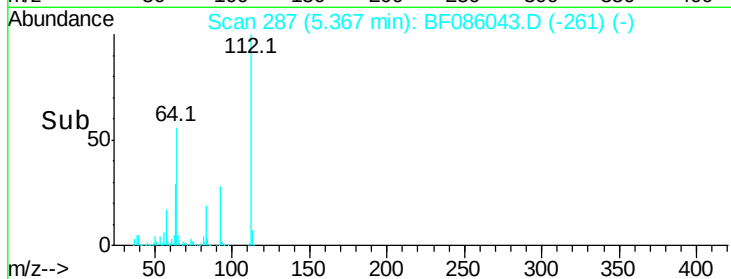
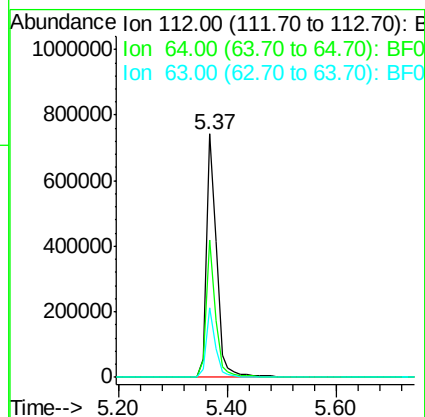
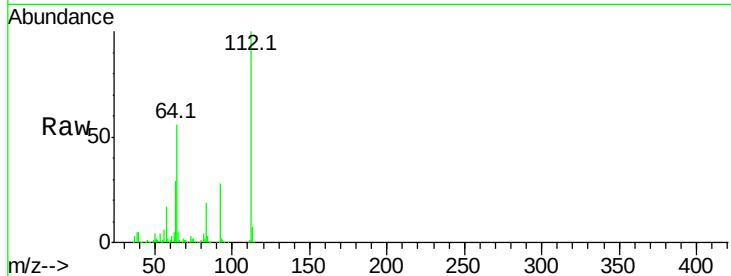
ClientSampleId :

TK2-1-20160401MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	56.4		39.9	59.9	
63	28.8		20.2	30.2	



#6

Aniline

Concen: 5.29 ng m

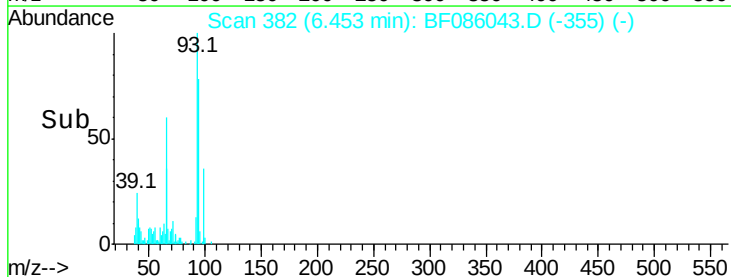
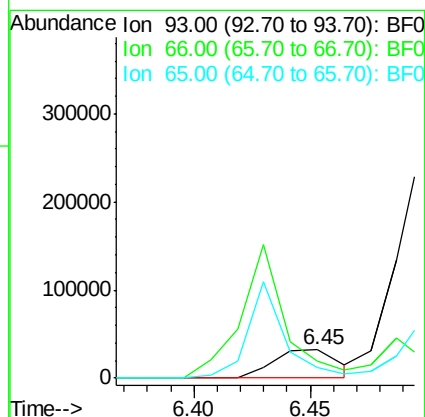
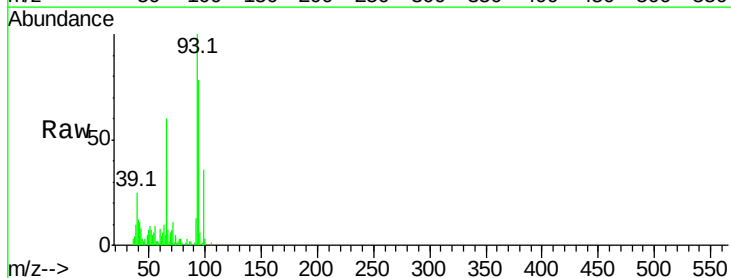
RT: 6.45 min Scan# 382

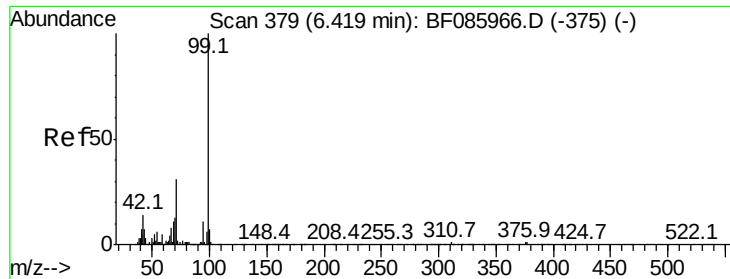
Delta R.T. 0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
66	59.6		31.4	47.2#	
65	36.2		15.7	23.5#	





#7

Phenol-d6

Concen: 128.09 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tot Ion: 99 Resp: 1163909

Ion Ratio Lower Upper

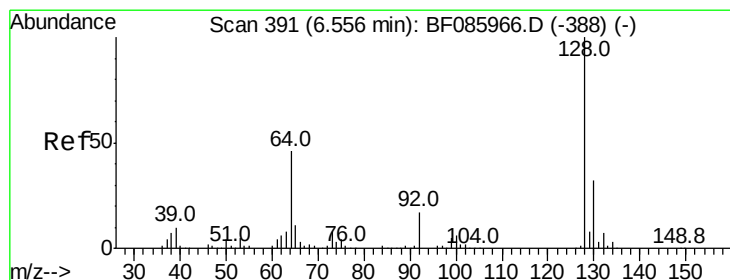
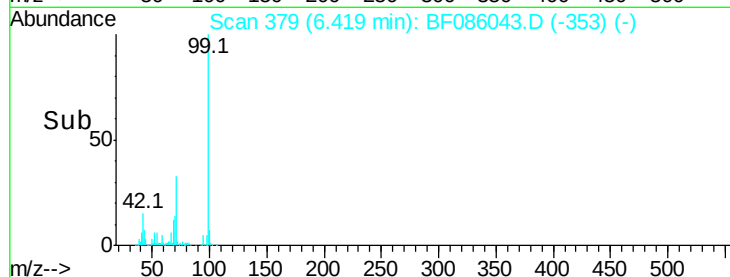
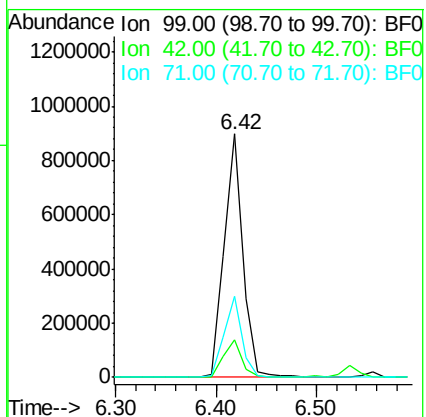
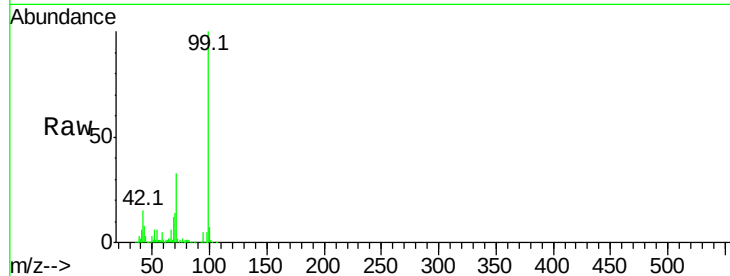
99 100

42 15.2 11.1 16.7

71 33.3 24.9 37.3

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#8

2-Chlorophenol

Concen: 40.76 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

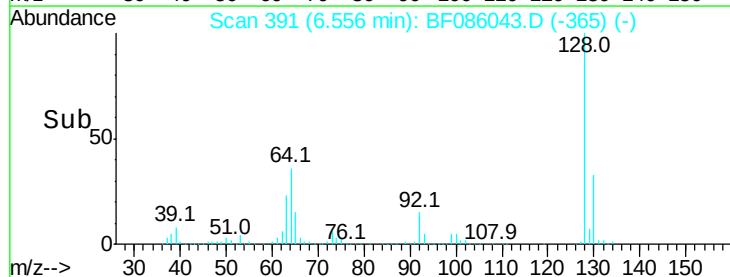
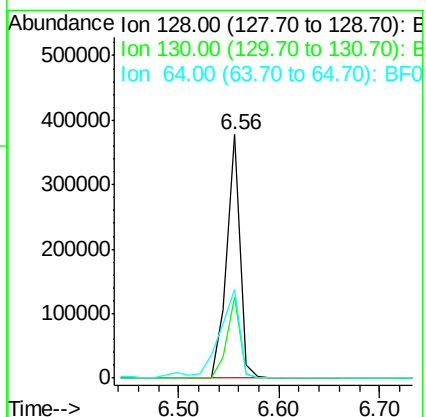
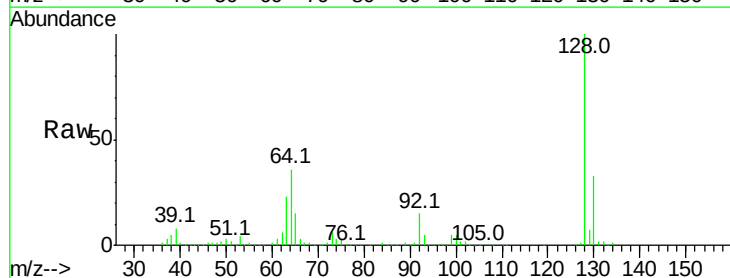
Tgt Ion: 128 Resp: 347739

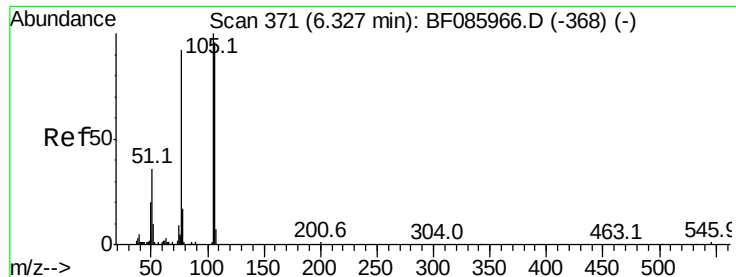
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 36.5 20.2 60.2





#9

Benzaldehyde

Concen: 30.70 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

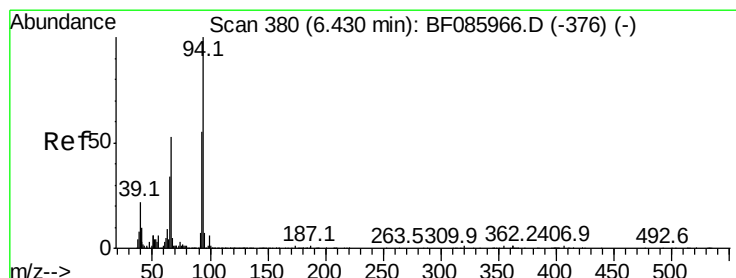
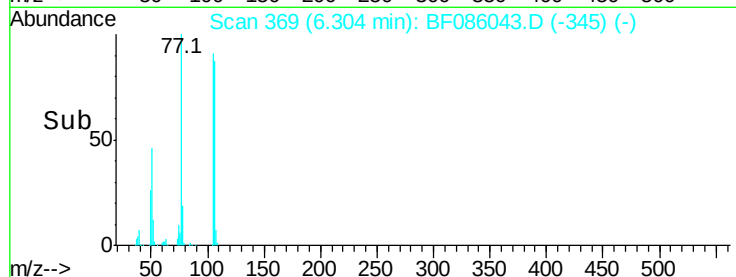
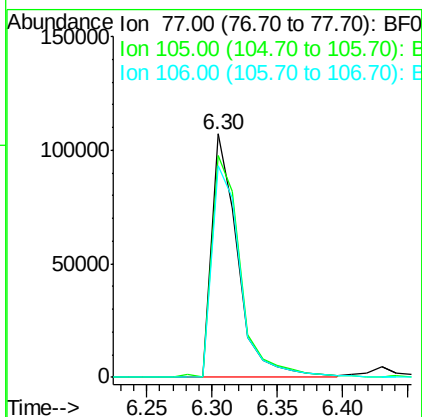
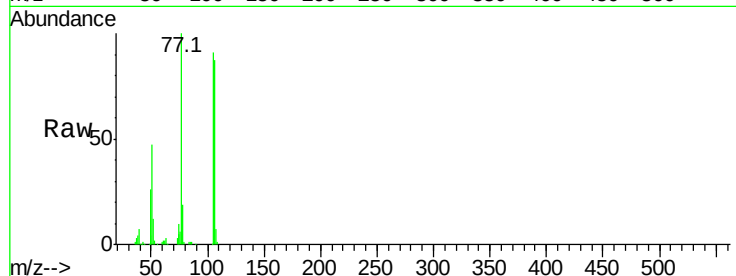
ClientSampleId :

TK2-1-20160401MS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	91.1	80.1	120.1
106	87.2	75.0	115.0



#10

Phenol

Concen: 38.33 ng

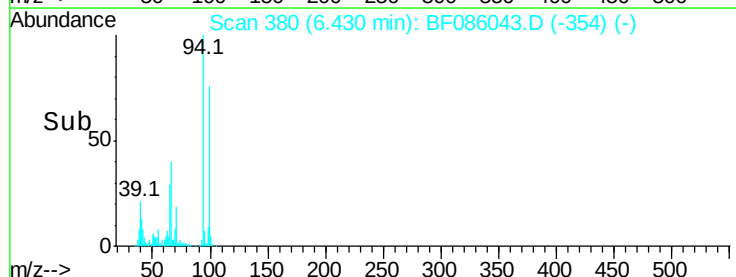
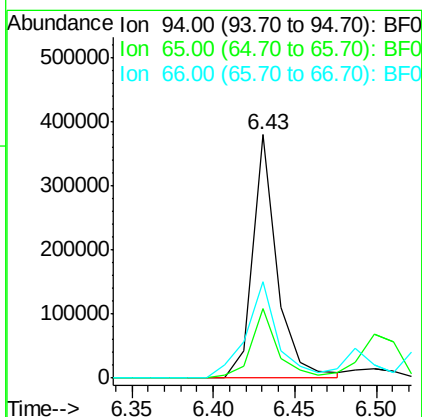
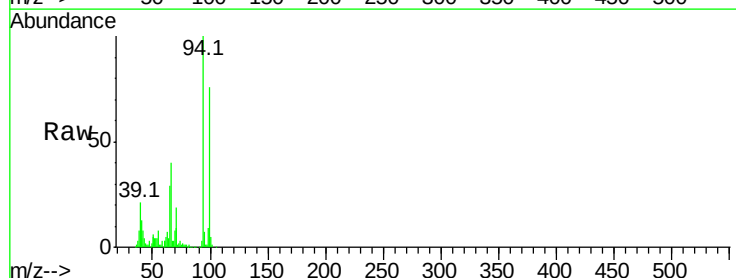
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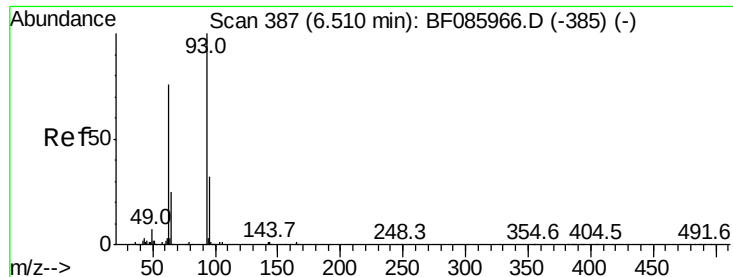
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.6	48.6
66	39.8	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 61.91 ng/mL

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

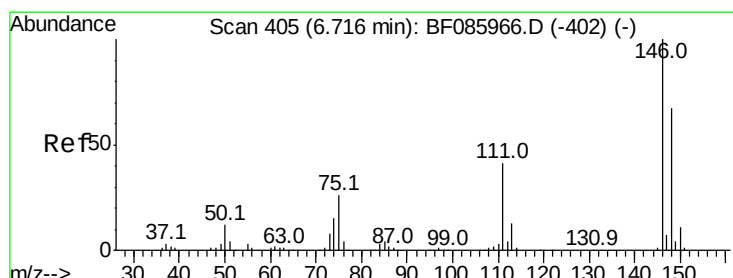
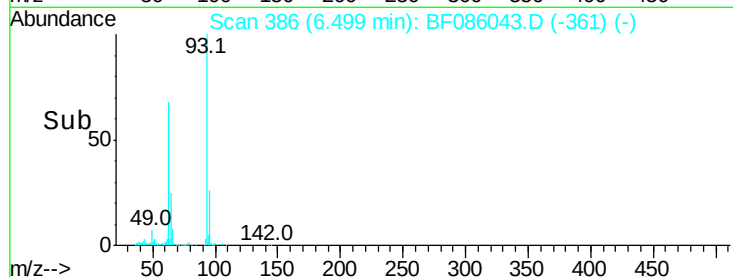
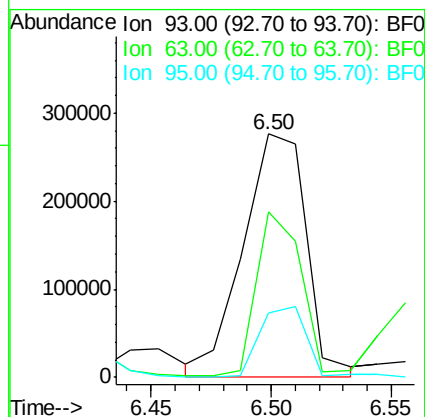
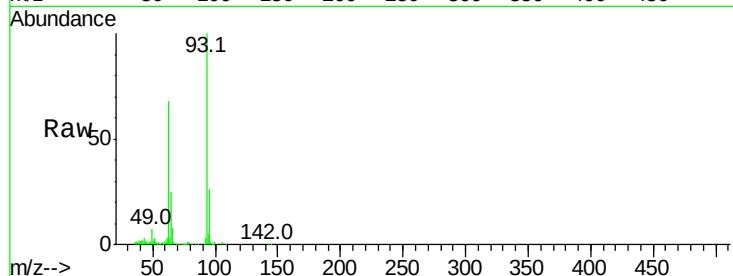
ClientSampleId :

TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	508196		
63	68.1		50.9	90.9
95	26.2		13.3	53.3

Manual Integrations
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4/5/2016 6:39:04 PM



#12

1,3-Dichlorobenzene

Concen: 41.48 ng/mL

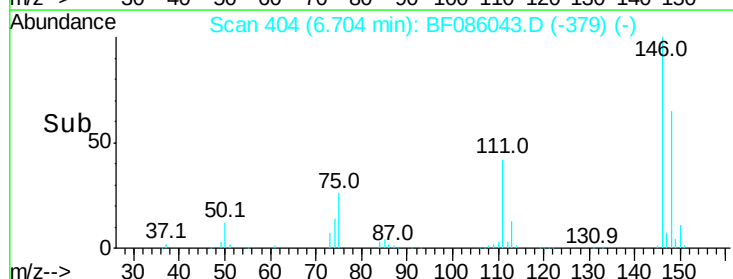
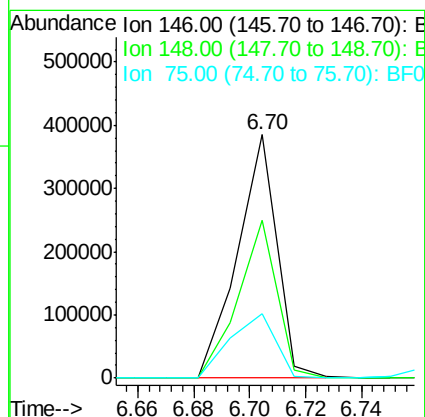
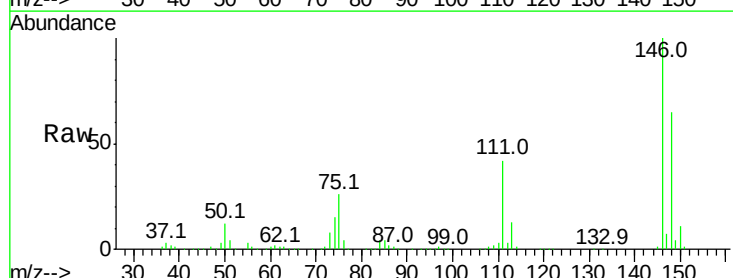
RT: 6.70 min Scan# 404

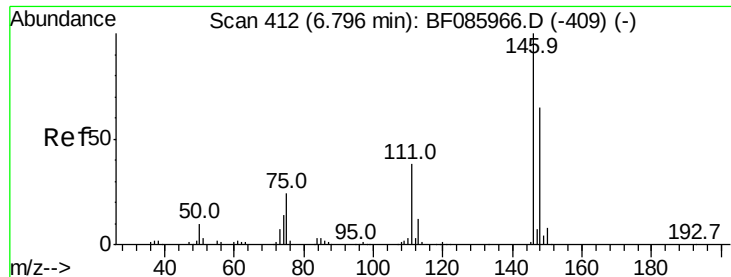
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375074		
148	64.6		52.3	78.5
75	26.2		17.4	26.2#





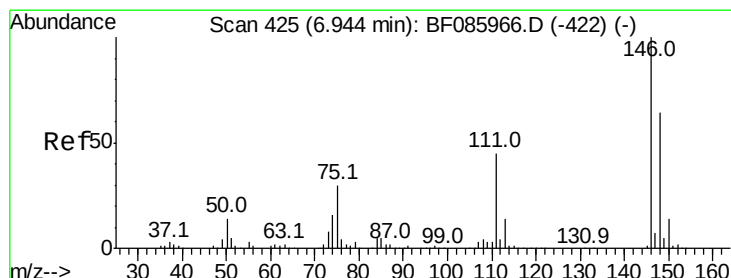
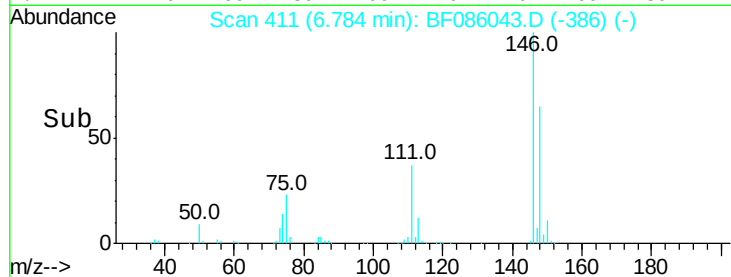
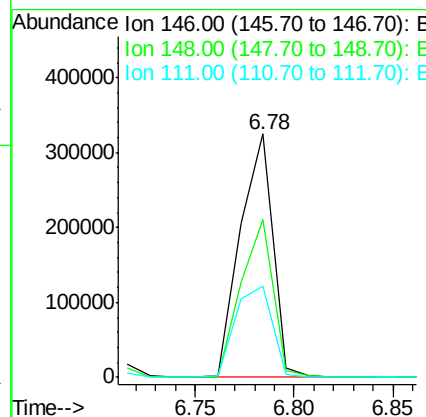
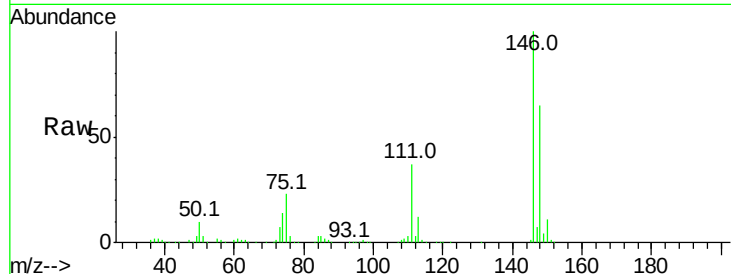
#13
1,4-Dichlorobenzene
Concen: 40.34 ng m
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	37.5	37.8	56.6#

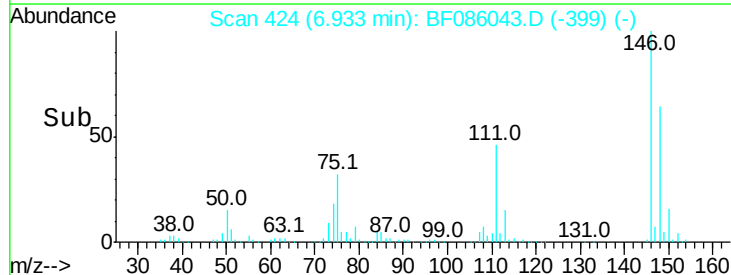
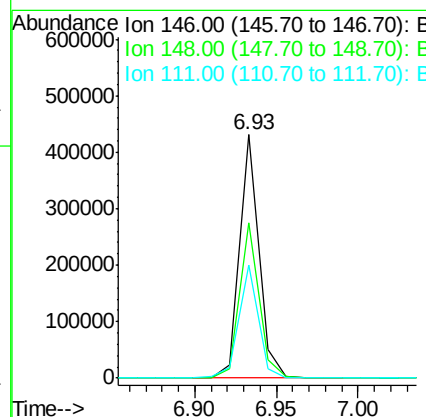
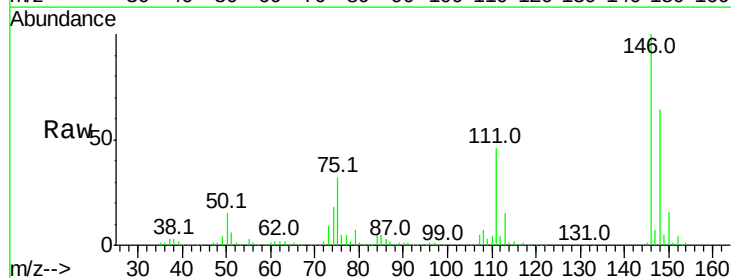
Manual Integrations
APPROVED

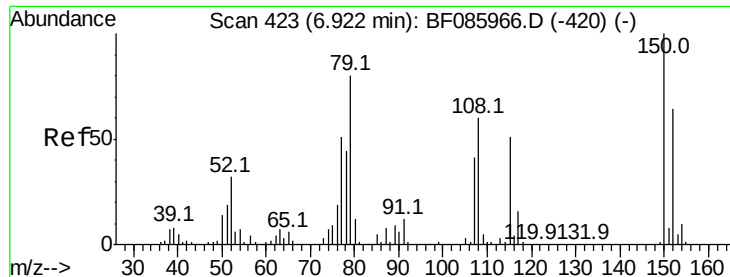
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.70 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	46.2	34.6	52.0





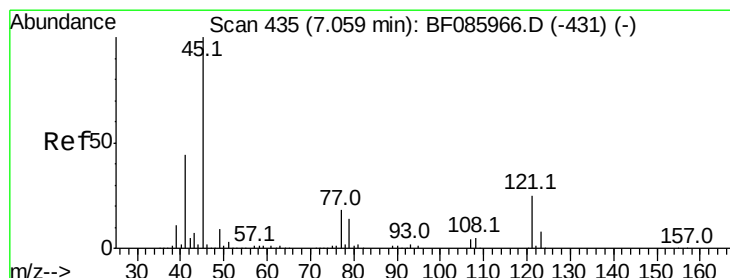
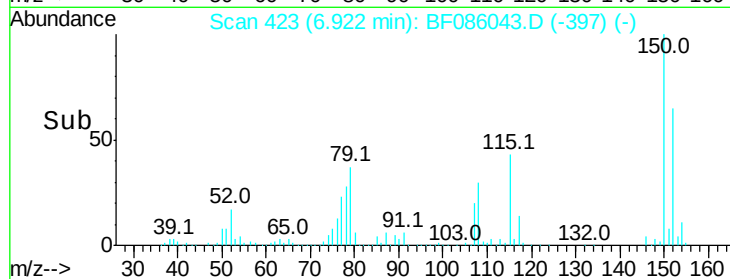
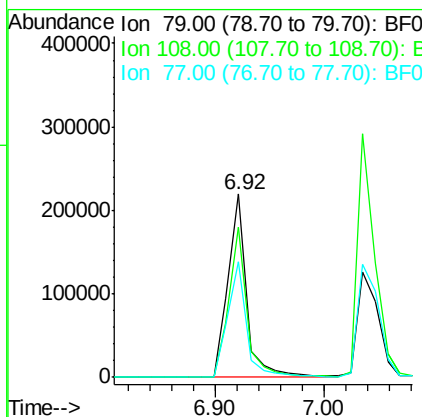
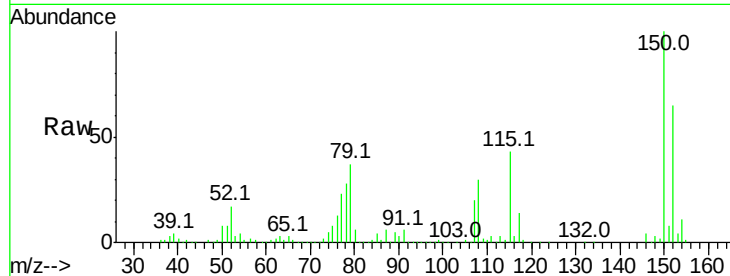
#15
Benzyl Alcohol
Concen: 44.50 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	61.8	92.6
77	63.4	49.6	74.4

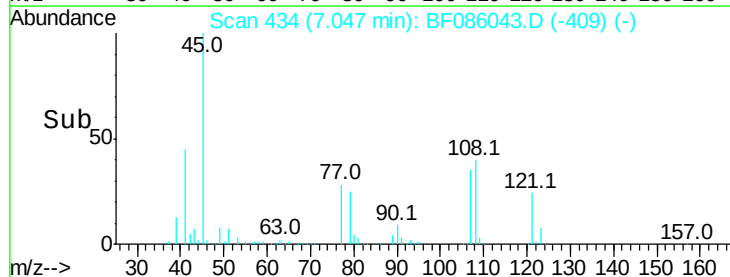
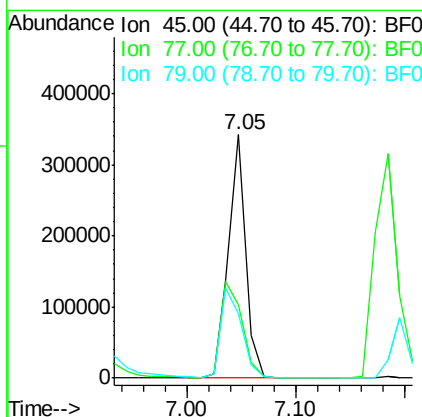
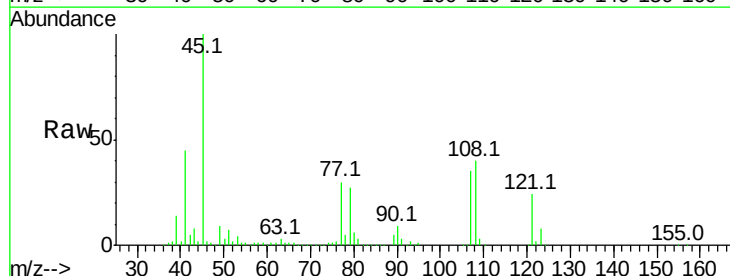
Manual Integrations
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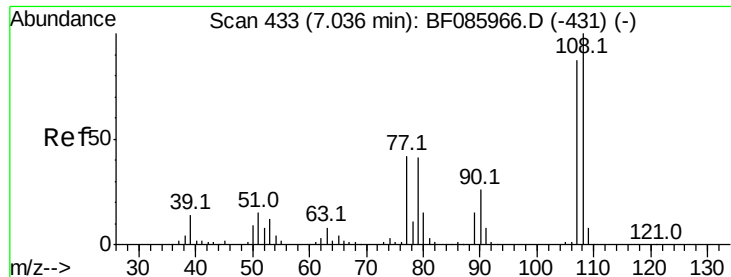
Sohil
4/5/2016 6:39:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.67 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.2	0.0	35.7
79	26.6	0.0	32.2





#17

2-Methylphenol

Concen: 41.94 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

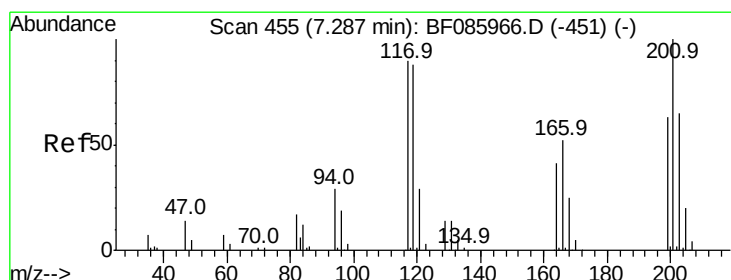
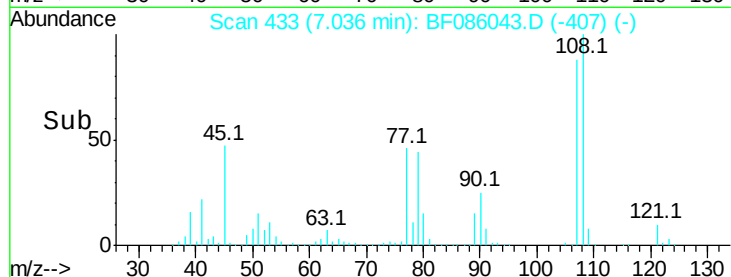
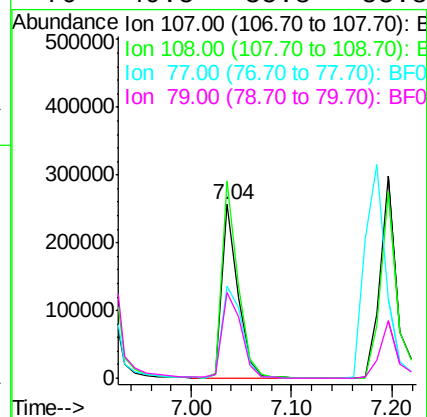
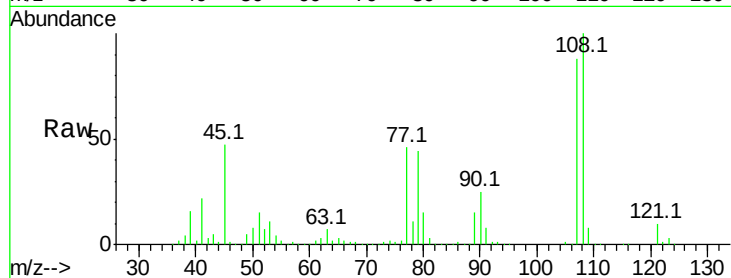
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	107	Resp:	282104
Ion Ratio	Lower	Upper	
107	100		
108	113.8	91.4	137.0
77	52.9	36.2	54.2
79	49.5	35.8	53.8

Manual Integrations
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#18

Hexachloroethane

Concen: 38.02 ng

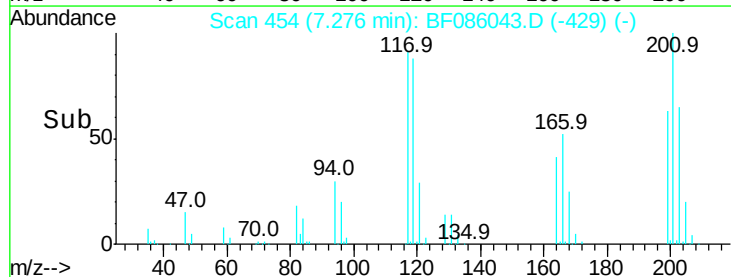
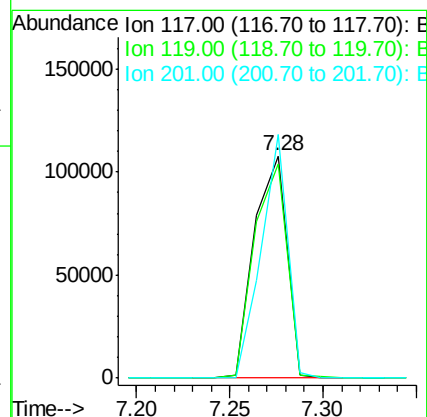
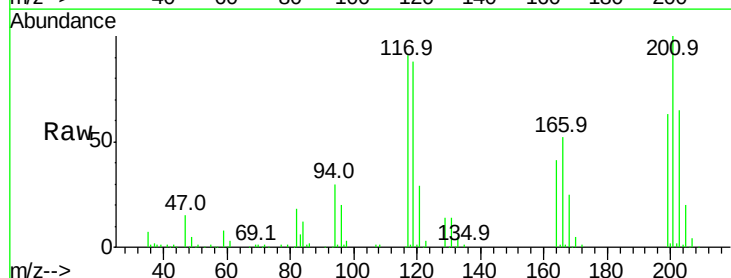
RT: 7.28 min Scan# 454

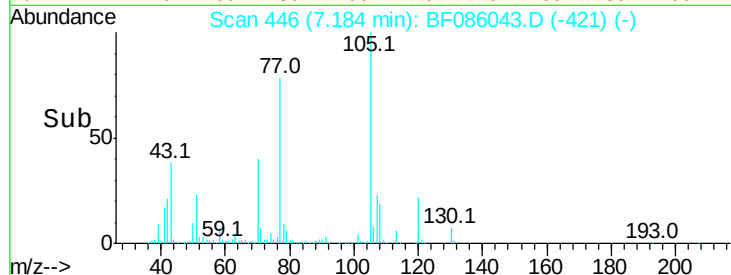
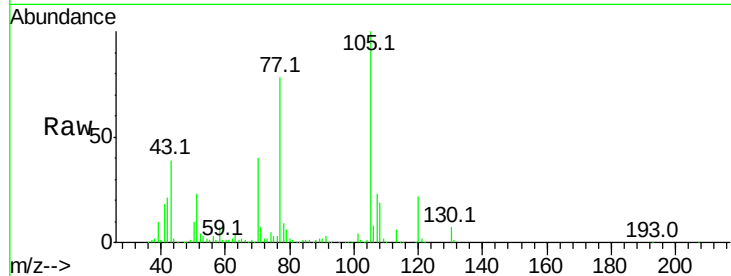
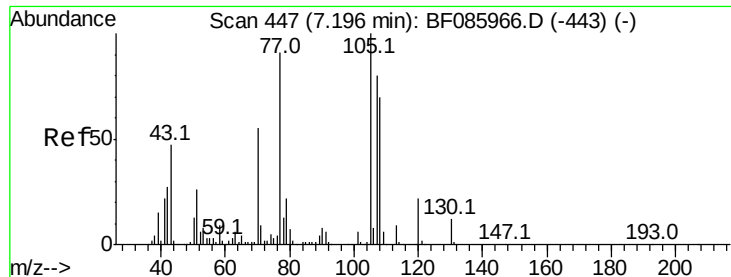
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	117	Resp:	130282
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.7	115.1
201	109.4	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.45 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tot Ion: 70 Resp: 227839

Ion Ratio Lower Upper

70 100

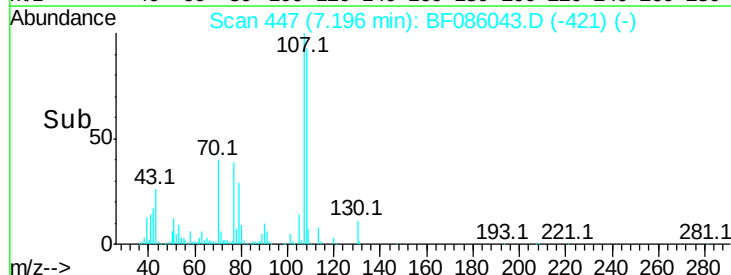
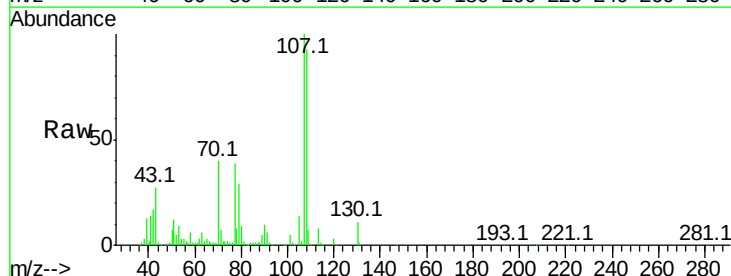
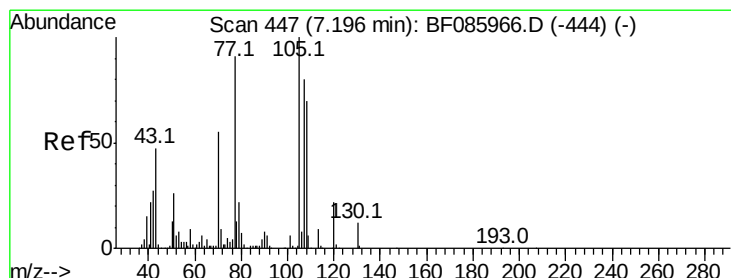
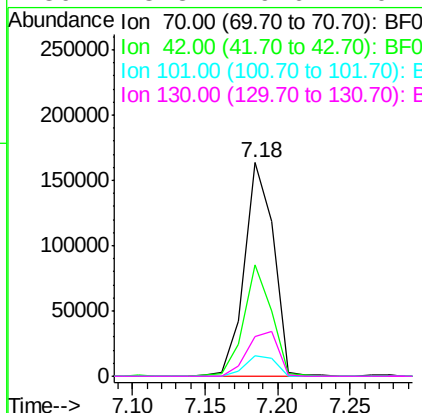
42 52.2 37.1 55.7

101 9.4 8.6 12.8

130 18.3 19.6 29.4#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.04 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion: 107 Resp: 352079

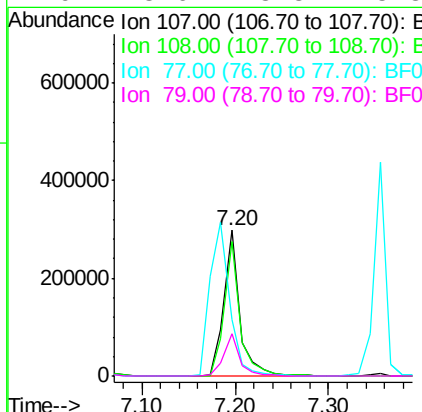
Ion Ratio Lower Upper

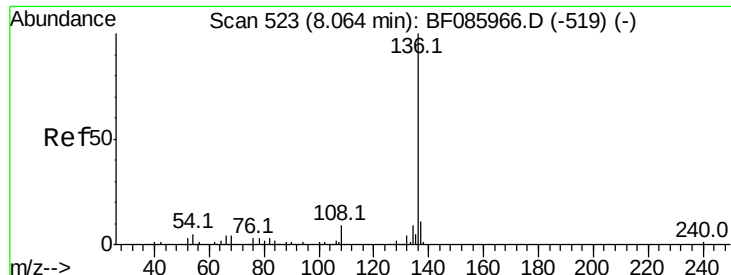
107 100

108 92.6 69.3 109.3

77 39.1 101.7 141.7#

79 28.6 8.3 48.3





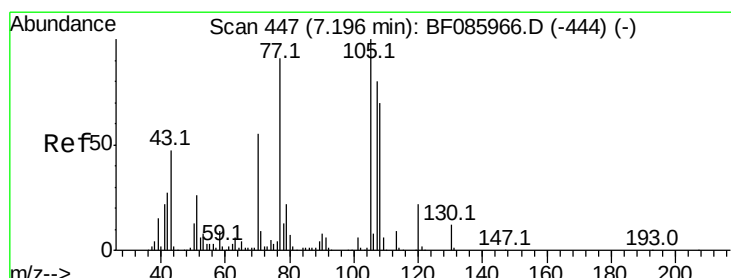
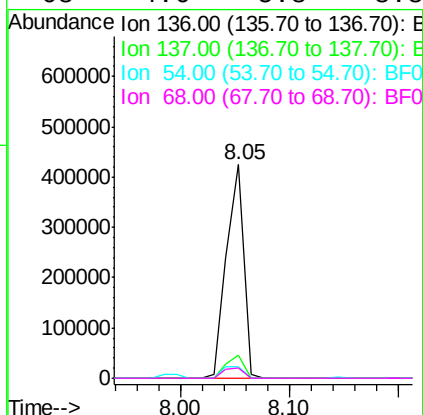
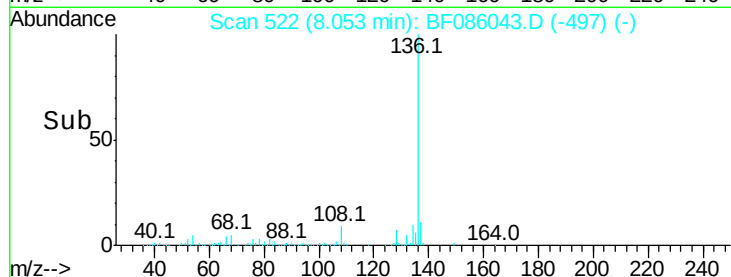
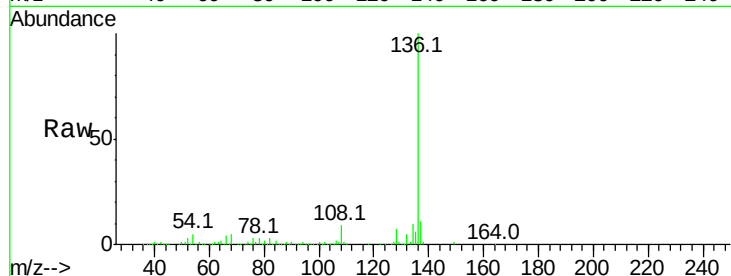
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	466689		
137	10.8	9.1	13.7	
54	5.1	7.4	11.0	
68	4.6	5.8	8.8	

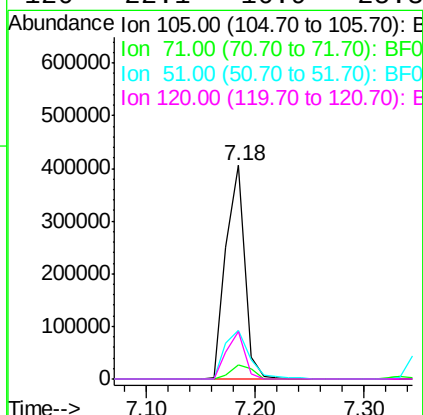
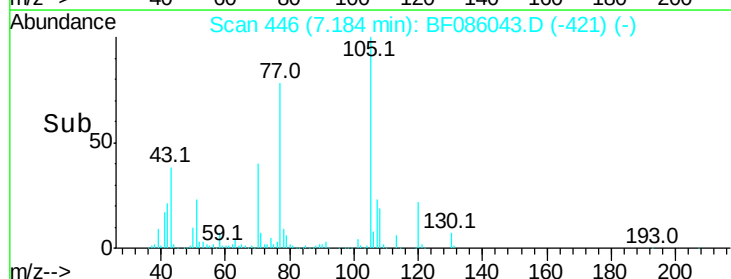
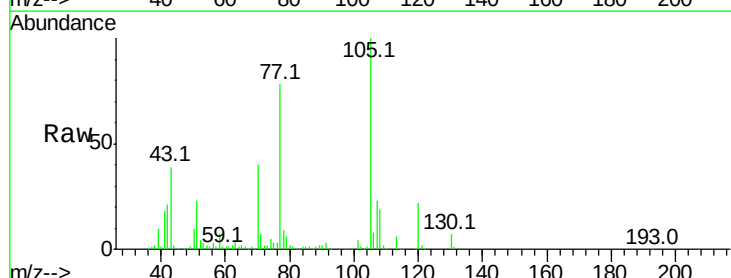
Manual Integrations
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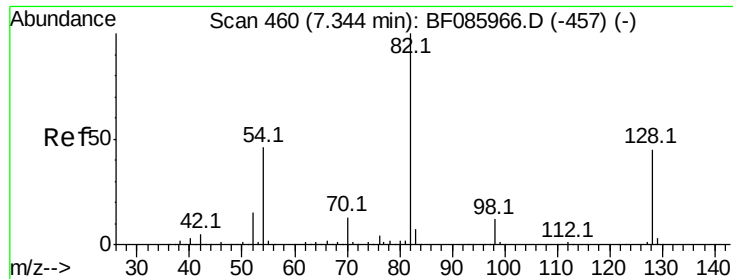
Sohil
4/5/2016 6:39:04 PM



#22
Acetophenone
Concen: 44.32 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486244		
71	6.7	3.6	5.4	
51	22.9	25.4	38.0	
120	22.1	16.9	25.3	





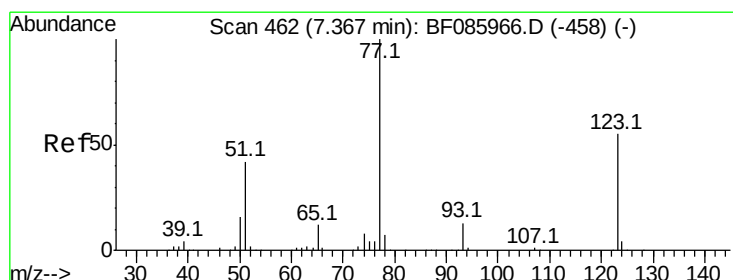
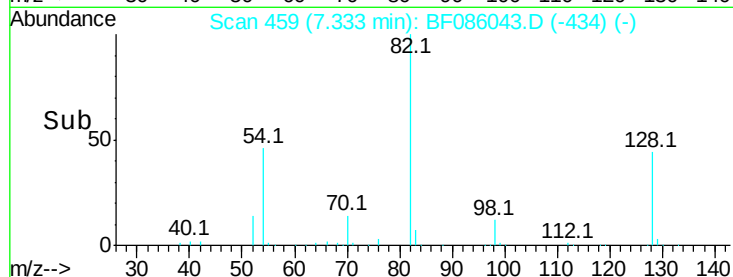
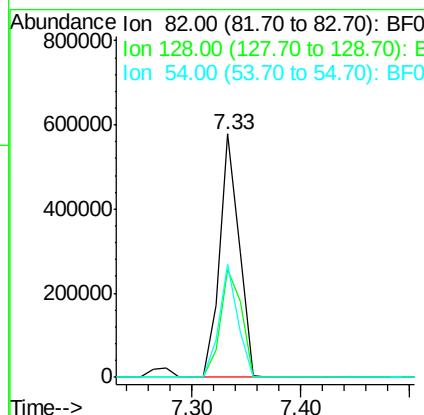
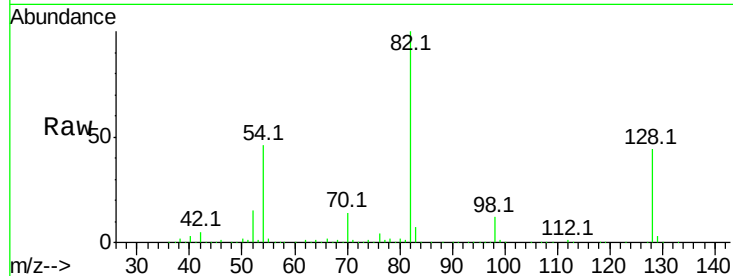
#23
 Nitrobenzene-d5
 Concen: 91.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	41.8	62.8	
54	46.2	33.4	50.0	

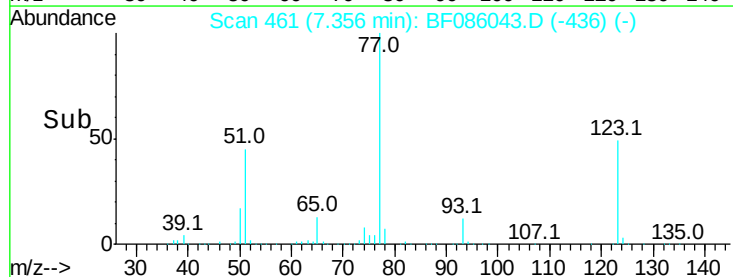
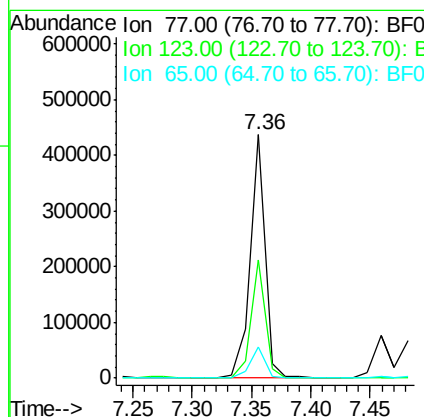
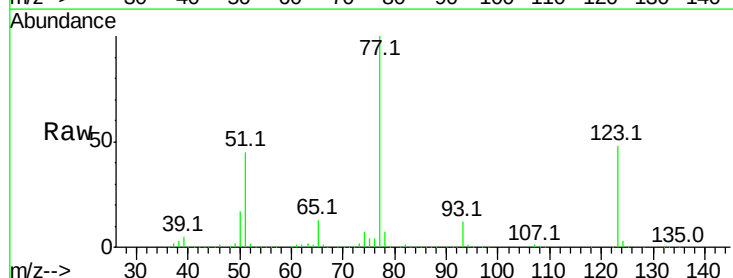
Manual Integrations
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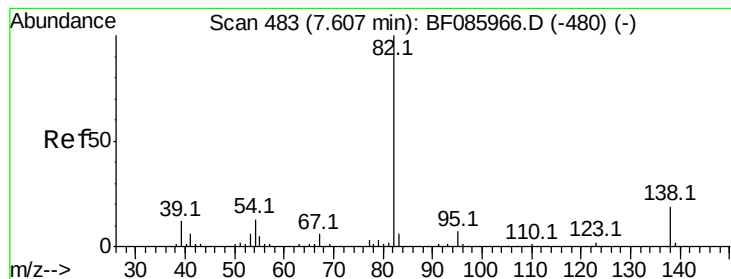
Sohil
 4/5/2016 6:39:04 PM



#24
 Nitrobenzene
 Concen: 44.36 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.4	35.0	52.4	
65	12.8	10.6	16.0	





#25

Isophorone

Concen: 42.62 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

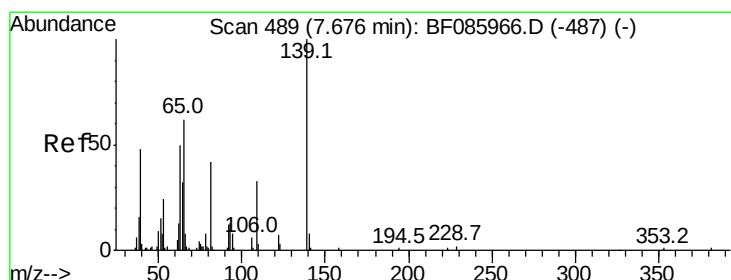
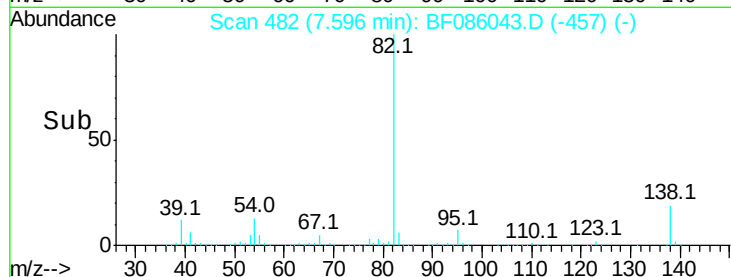
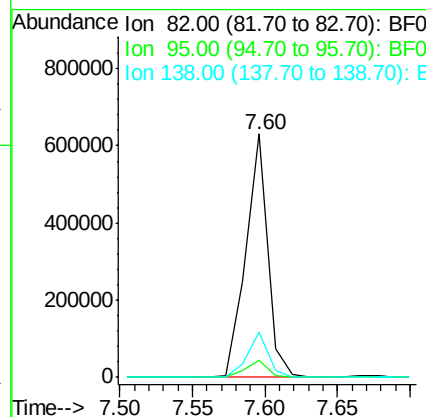
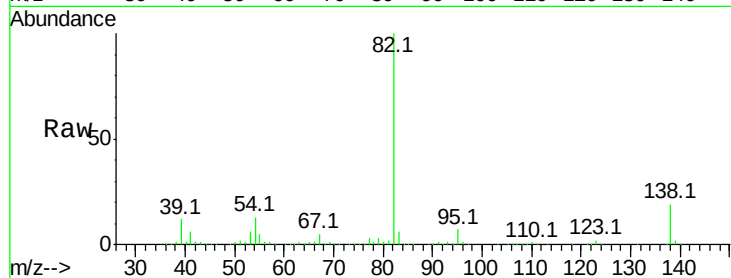
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	82	Resp:	665783
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.8	12.9	19.3

Manual Integrations
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4/5/2016 6:39:04 PM



#26

2-Nitrophenol

Concen: 43.62 ng

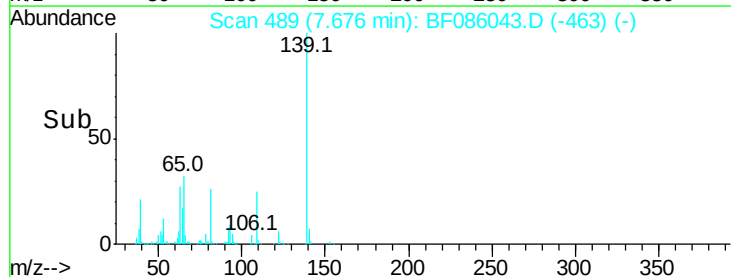
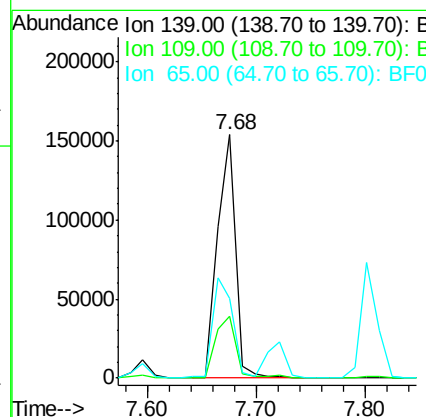
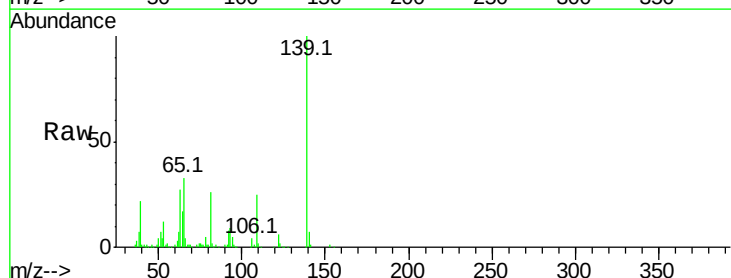
RT: 7.68 min Scan# 489

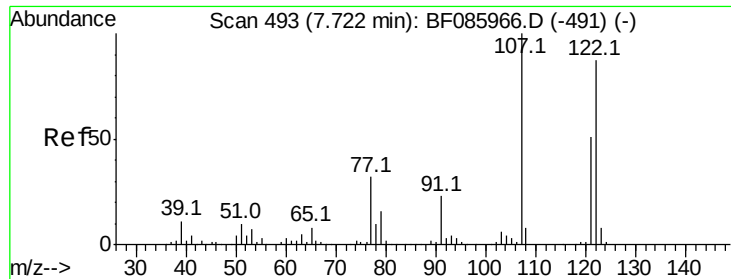
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	139	Resp:	180684
Ion Ratio	Lower	Upper	
139	100		
109	25.4	22.1	33.1
65	32.5	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 42.05 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

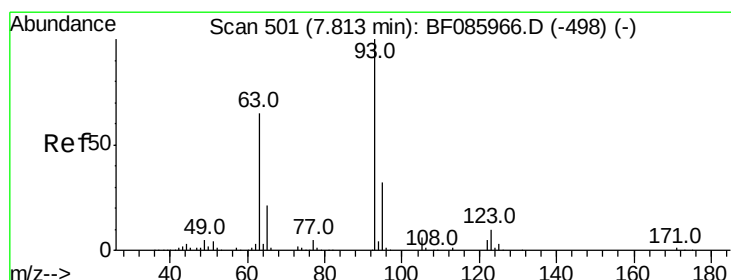
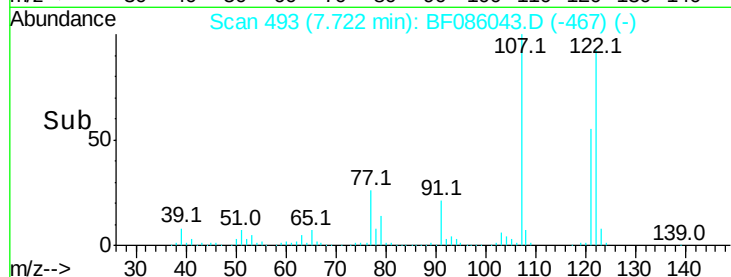
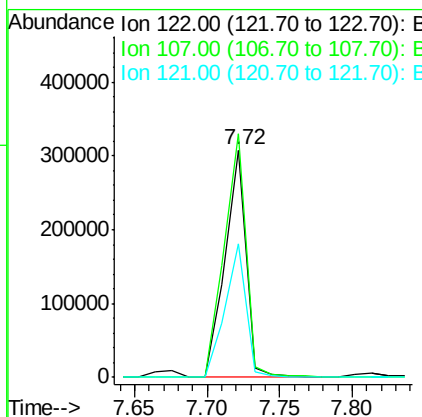
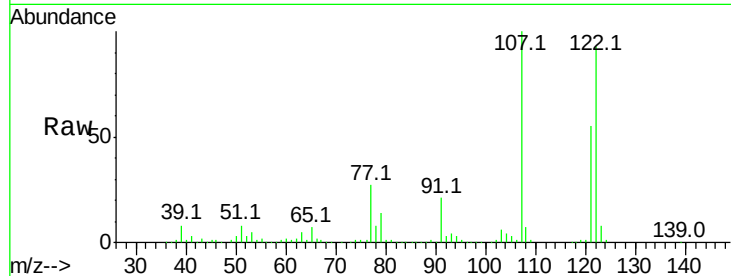
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	122	Resp:	312829
Ion Ratio	Lower	Upper	
122	100		
107	107.0	93.0	139.6
121	58.6	45.9	68.9

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4/5/2016 6:39:04 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.29 ng

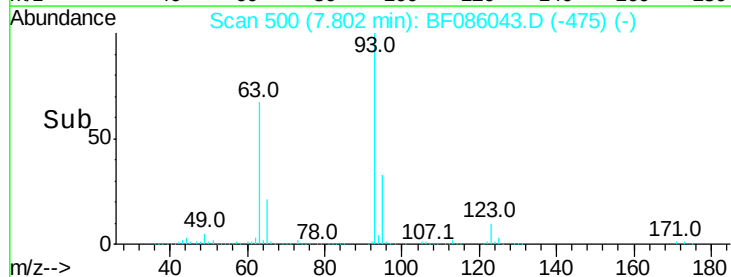
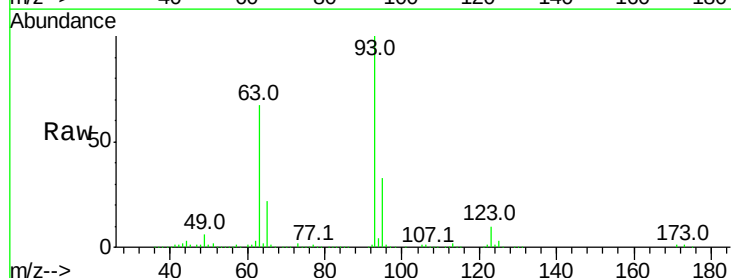
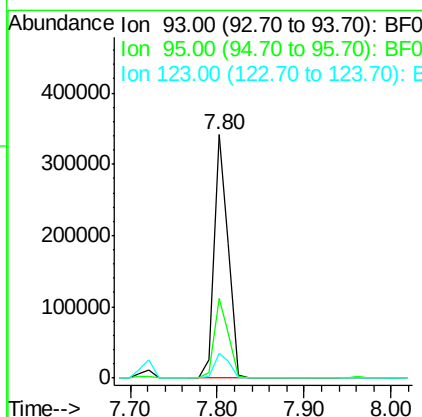
RT: 7.80 min Scan# 500

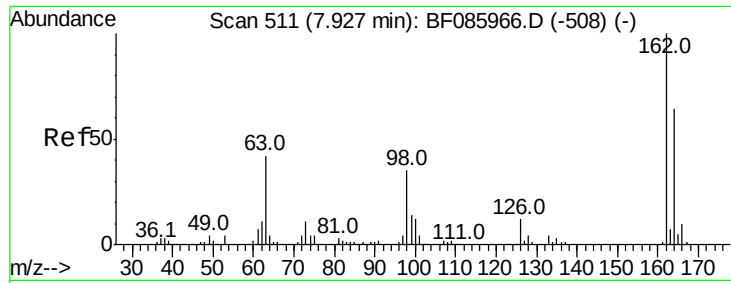
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	93	Resp:	387654
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	10.0	9.8	14.6





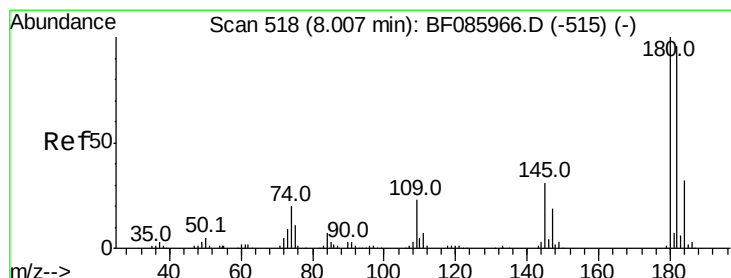
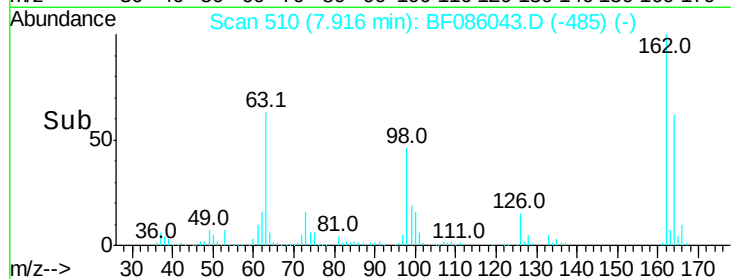
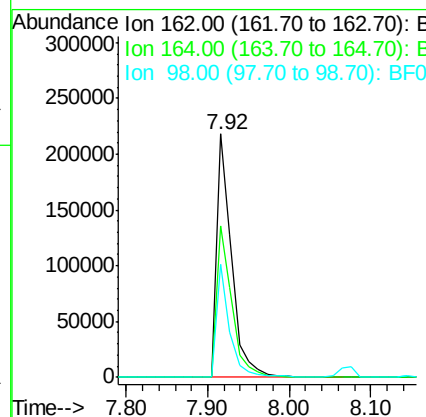
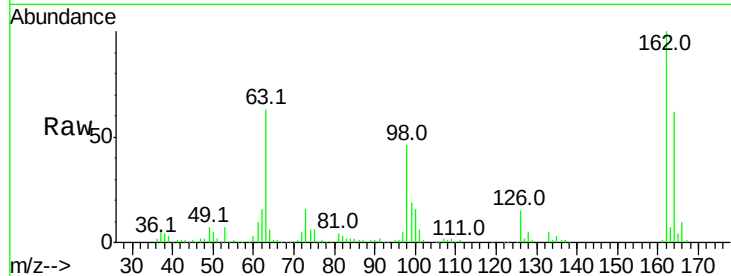
#29
 2,4-Dichlorophenol
 Concen: 44.11 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion:	162	Resp:	277417
Ion Ratio	Lower	Upper	
162	100		
164	62.4	43.7	83.7
98	46.2	20.4	60.4

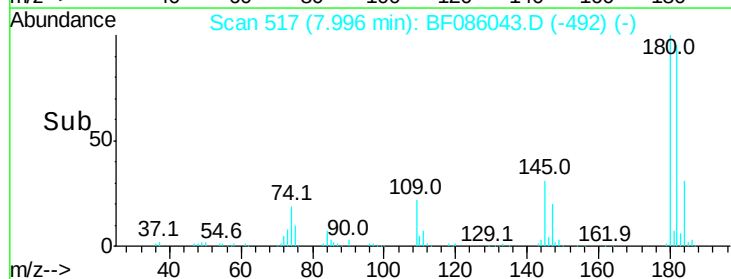
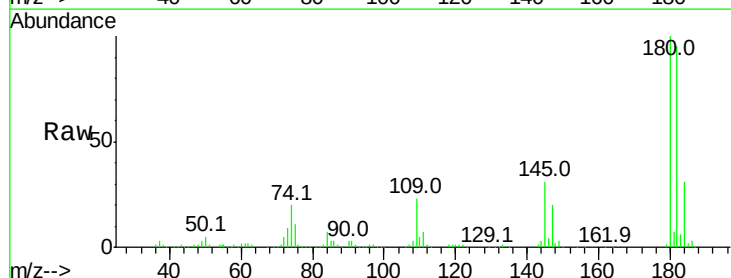
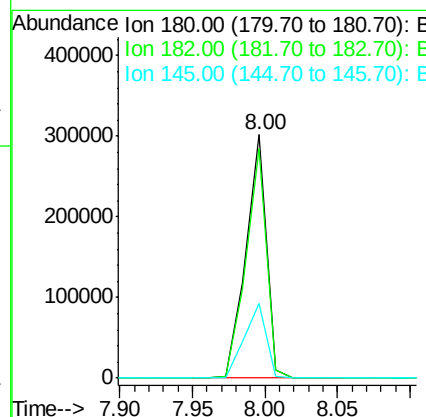
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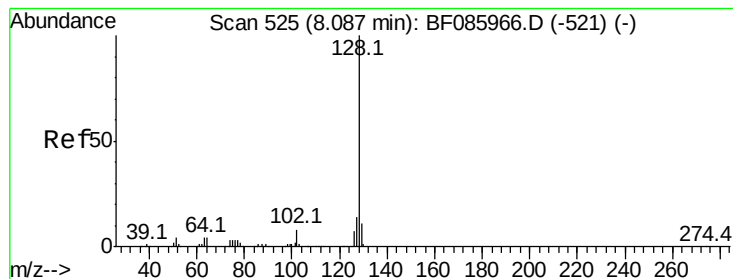
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.08 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion:	180	Resp:	297090
Ion Ratio	Lower	Upper	
180	100		
182	94.5	73.8	110.8
145	30.7	28.4	42.6





#31

Naphthalene

Concen: 41.34 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

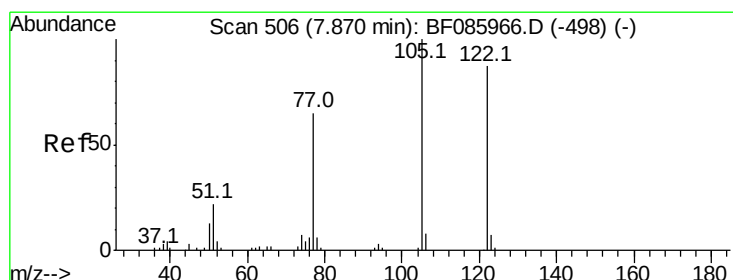
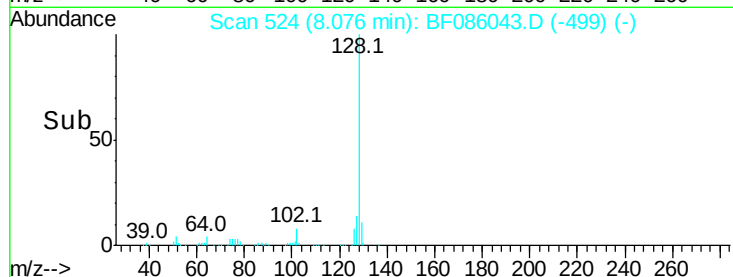
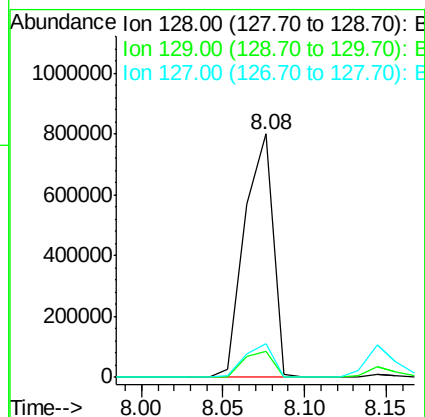
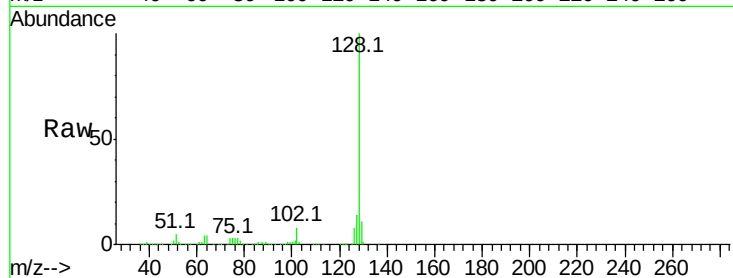
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	128	Resp:	970514
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.0
127	13.7	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 2.58 ng

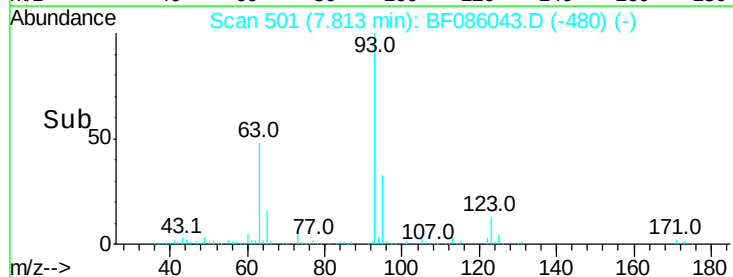
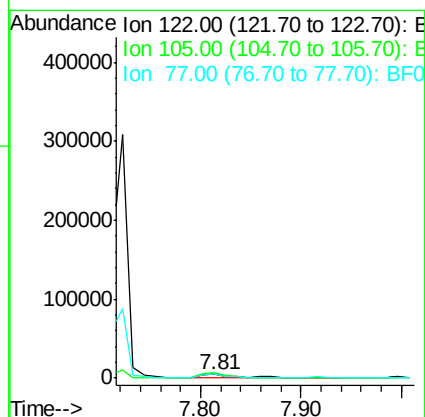
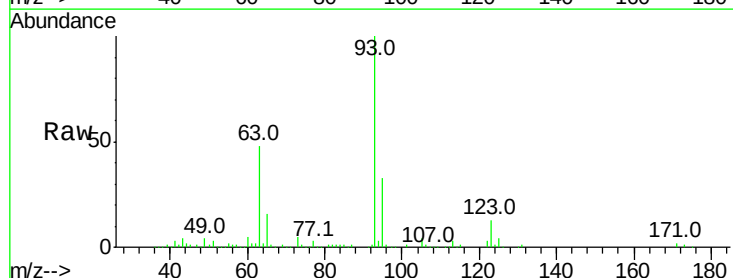
RT: 7.81 min Scan# 501

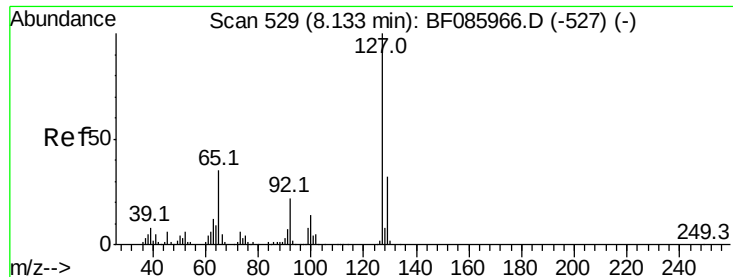
Delta R.T. -0.06 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	122	Resp:	14083
Ion Ratio	Lower	Upper	
122	100		
105	126.6	102.9	142.9
77	90.0	71.8	111.8





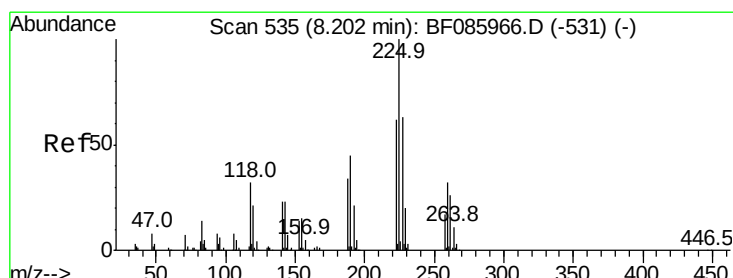
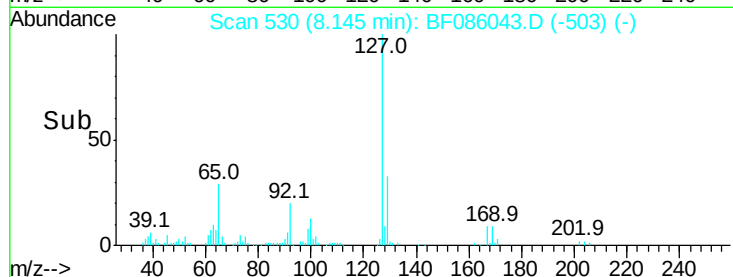
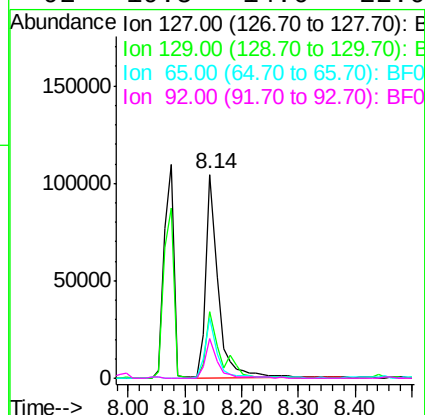
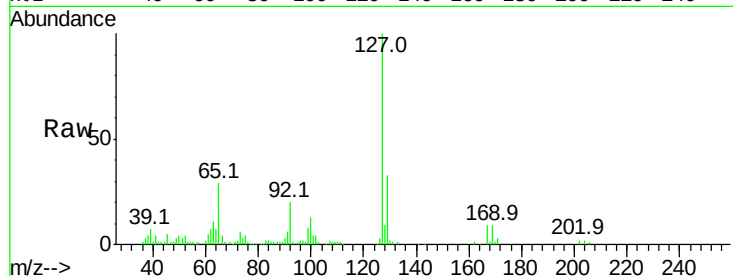
#33
4-Chloroaniline
Concen: 16.11 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.1	39.1	
65	29.4	19.5	29.3	
92	19.5	14.6	22.0	

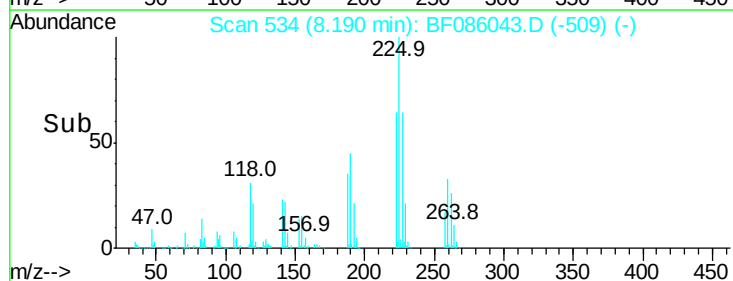
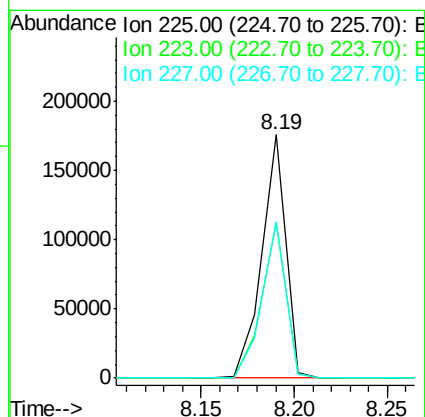
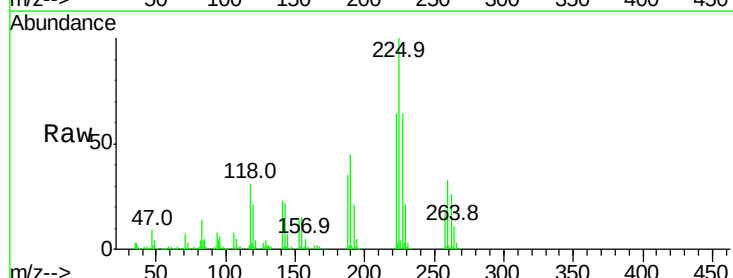
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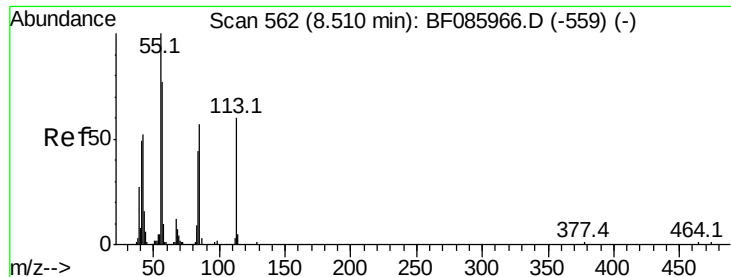
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#34
Hexachlorobutadiene
Concen: 41.04 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.4	75.6	
227	64.2	51.4	77.2	





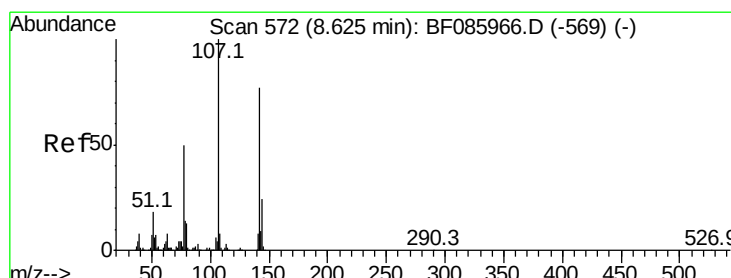
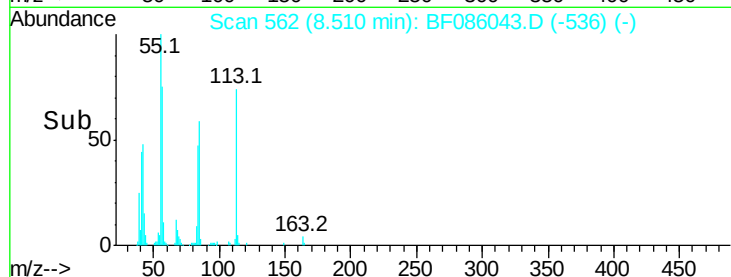
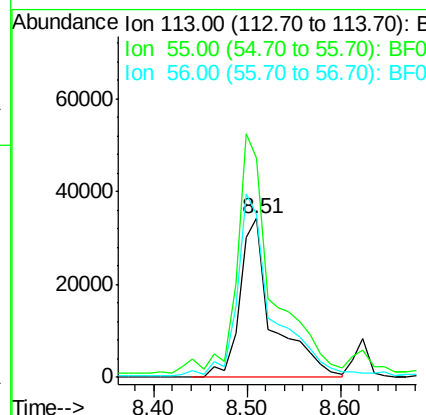
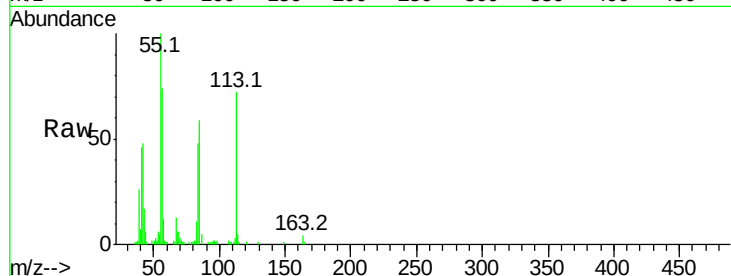
#35
 Caprolactam
 Concen: 42.55 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.0	139.4	179.4#
56	102.3	100.4	140.4

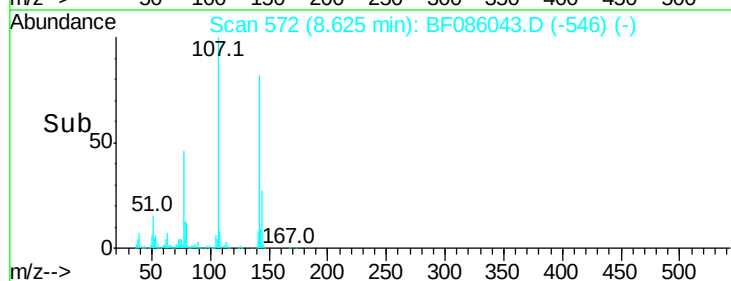
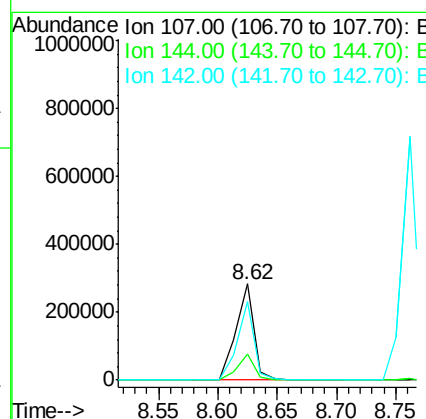
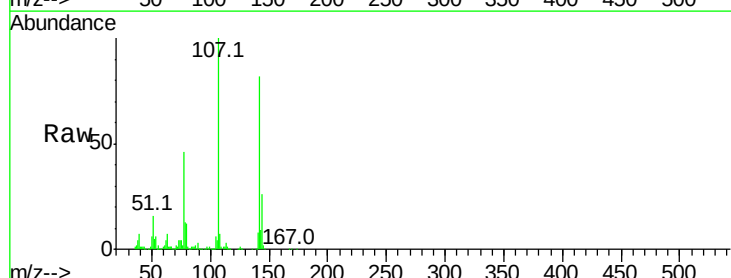
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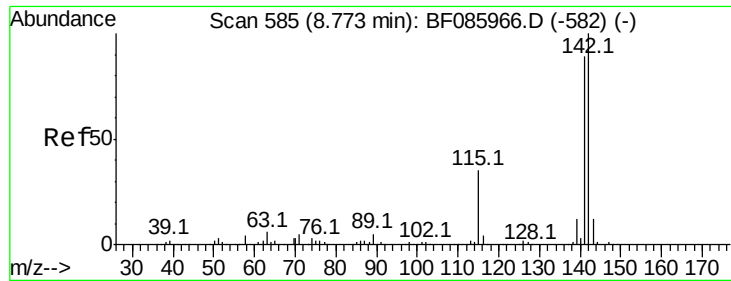
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#36
 4-Chloro-3-methylphenol
 Concen: 42.00 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	19.3	28.9
142	81.6	61.4	92.0





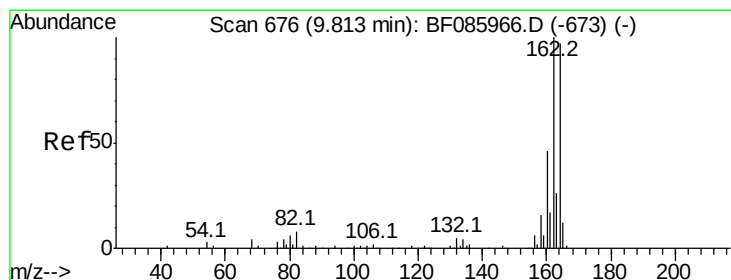
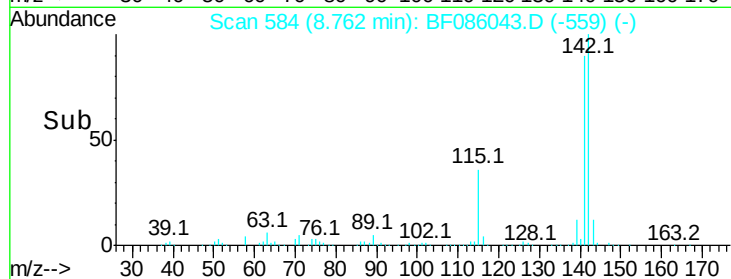
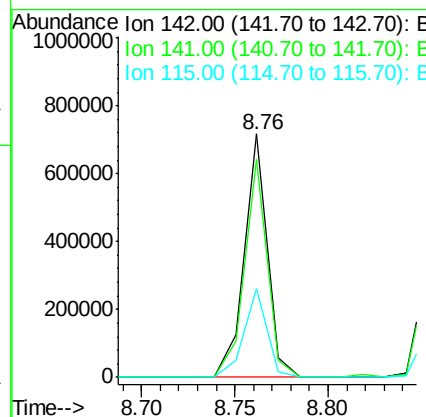
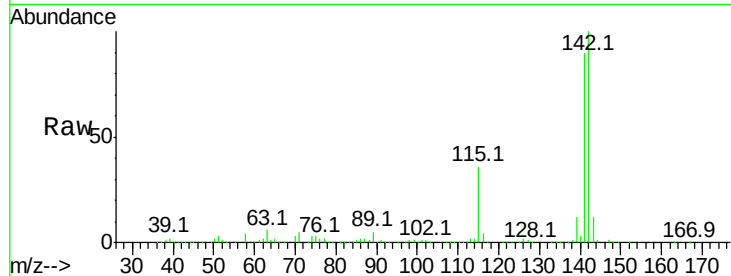
#37
2-Methylnaphthalene
Concen: 40.47 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	620556		
141	89.7	71.6	107.4	
115	36.2	26.8	40.2	

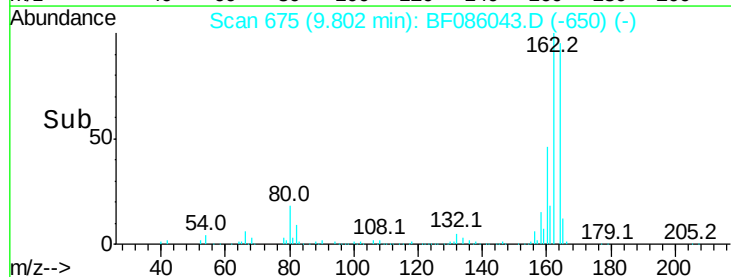
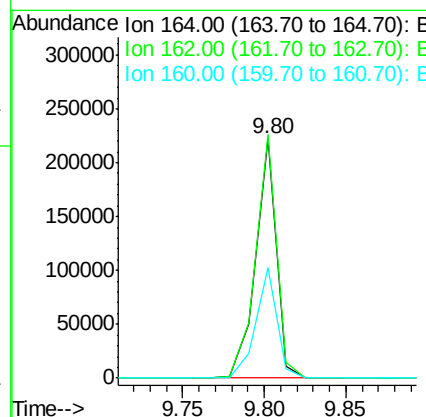
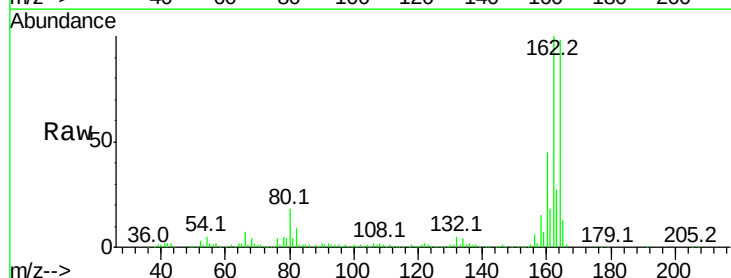
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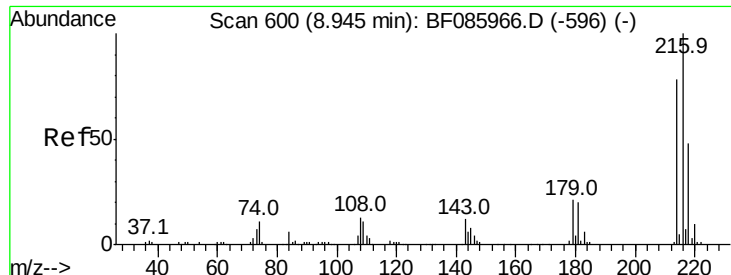
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195520		
162	101.7	82.1	123.1	
160	46.3	37.4	56.2	





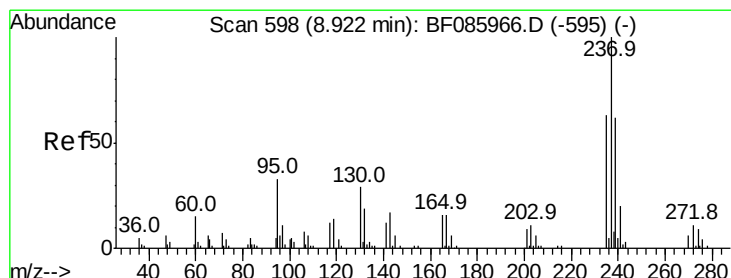
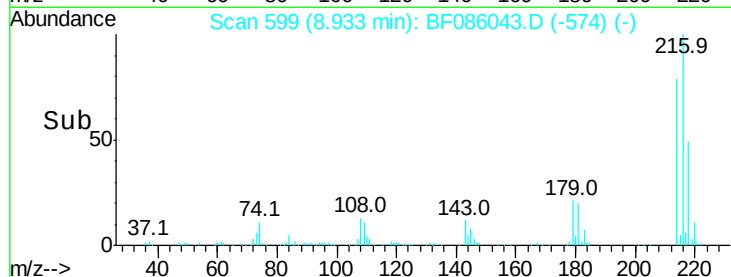
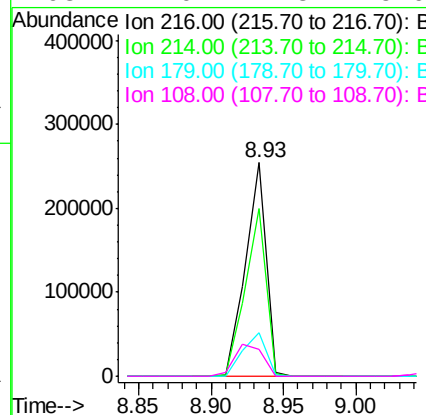
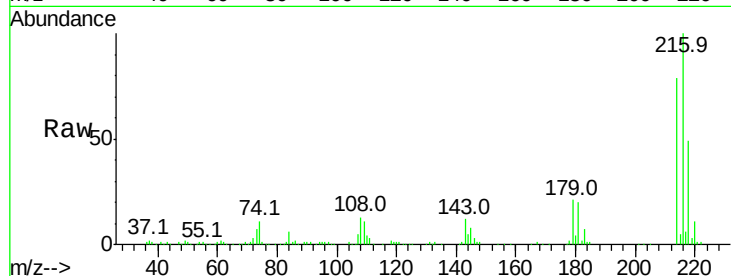
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.97 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	252492		
214	79.3	63.1	94.7	
179	23.1	18.2	27.2	
108	21.0	17.3	25.9	

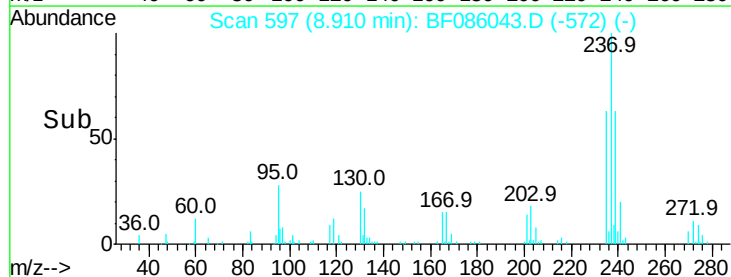
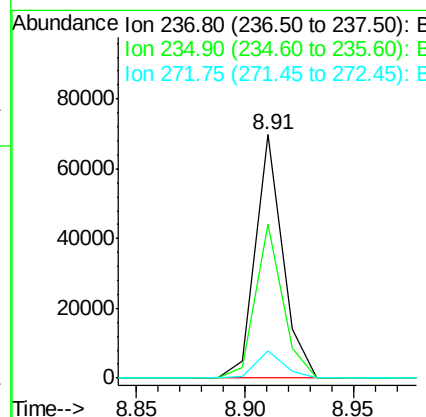
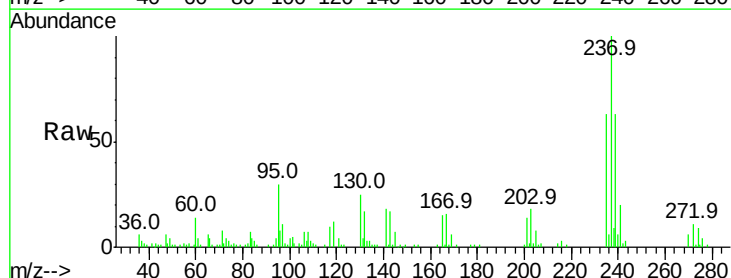
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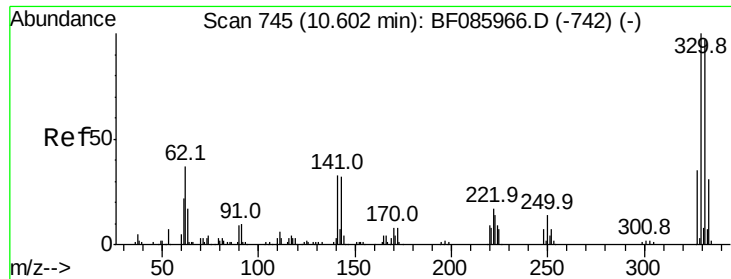
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#40
 Hexachlorocyclopentadiene
 Concen: 37.94 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	60960		
235	63.3	43.7	83.7	
272	11.4	0.0	31.9	





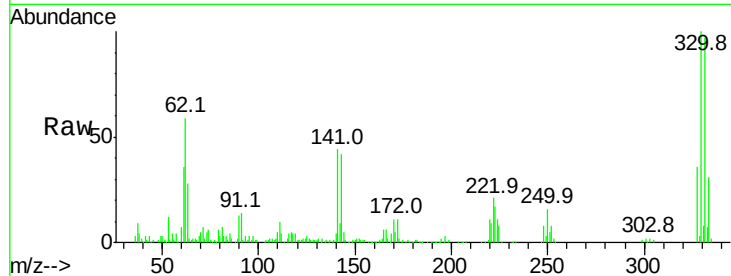
#41
 2,4,6-Tribromophenol
 Concen: 119.16 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

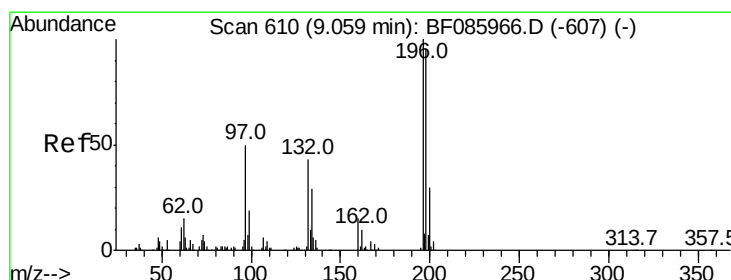
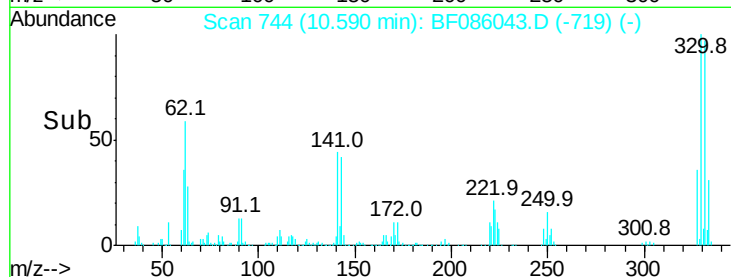
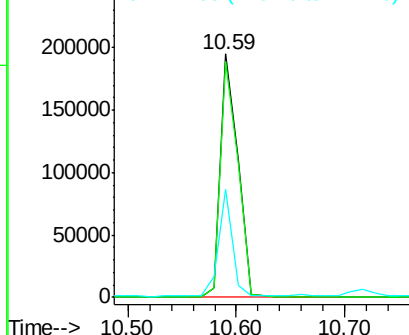
Tot Ion	Ratio	Resp	Lower	Upper
330	100	218667		
332	97.3	78.2	117.2	
141	35.3	31.5	47.3	

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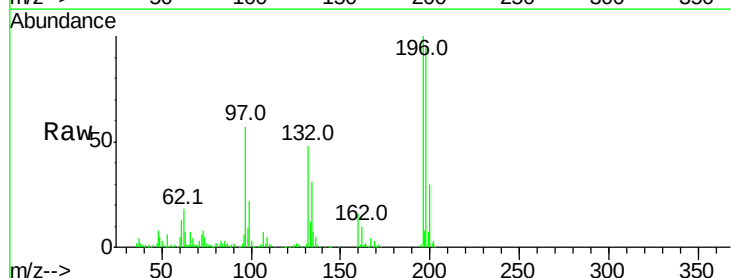


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

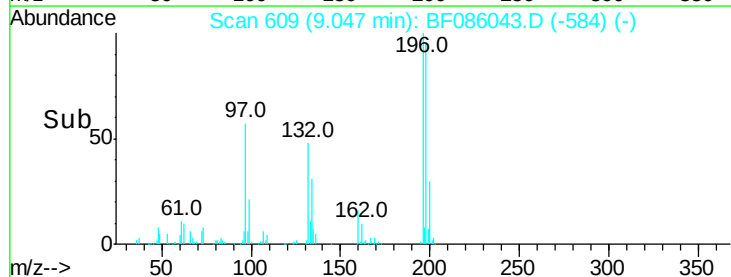
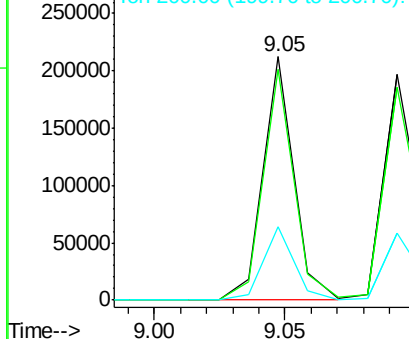


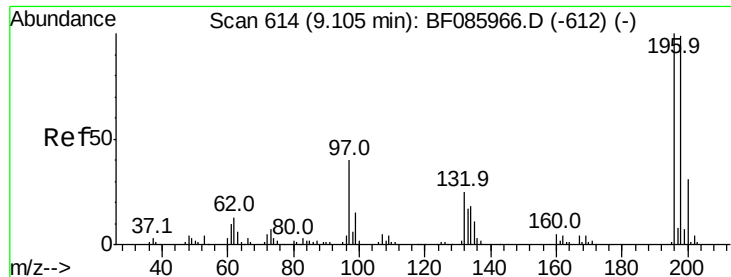
#42
 2,4,6-Trichlorophenol
 Concen: 46.58 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175773		
198	94.8	75.3	112.9	
200	30.1	23.7	35.5	



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





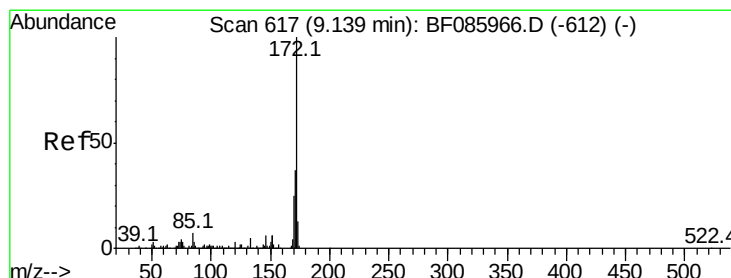
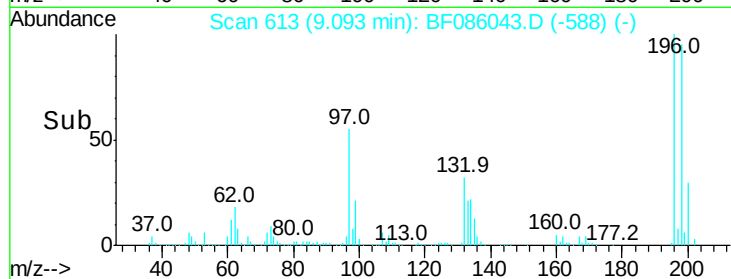
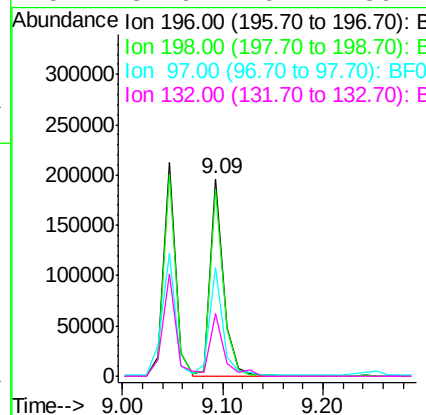
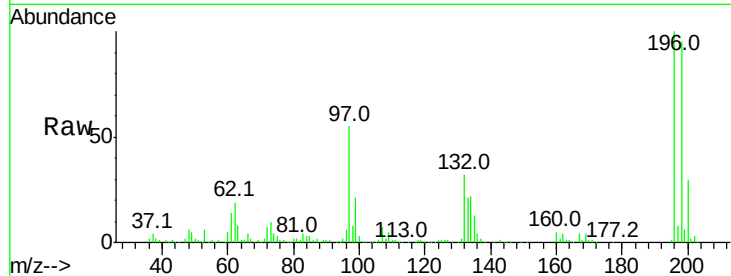
#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180640		
198	94.8	76.6	114.8	
97	55.2	30.5	45.7#	
132	31.9	20.2	30.2#	

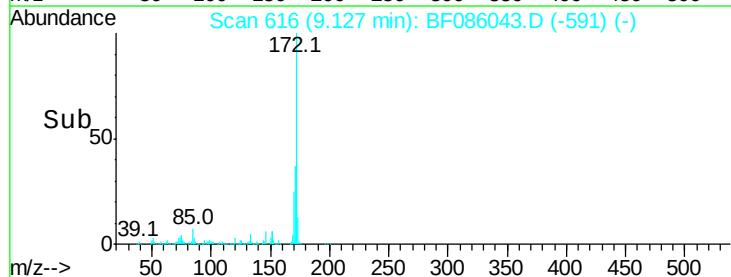
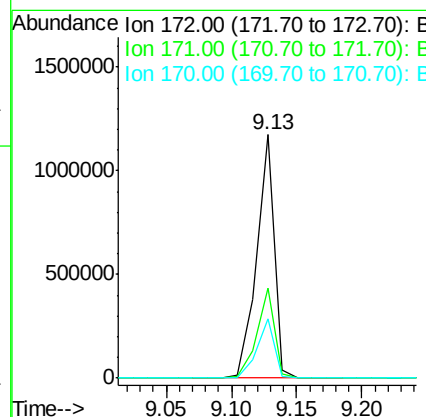
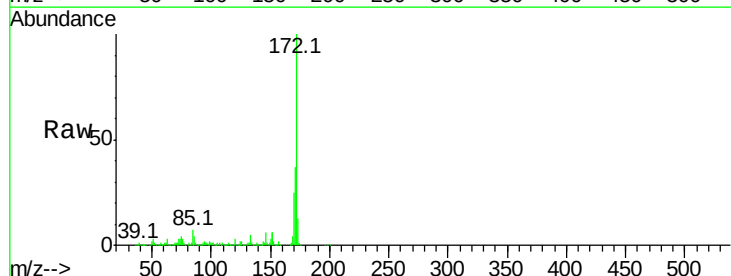
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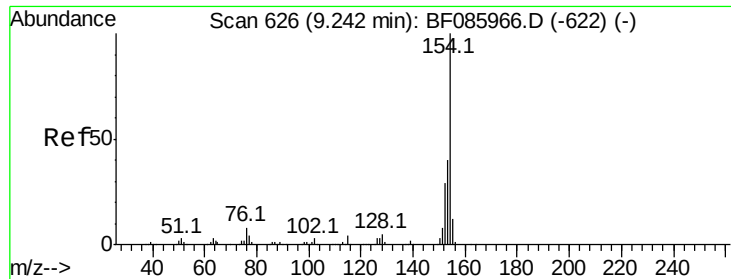
Sohil
 4/5/2016 6:39:04 PM



#44
 2-Fluorobiphenyl
 Concen: 94.34 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1109362		
171	36.8	29.4	44.2	
170	24.5	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 41.89 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

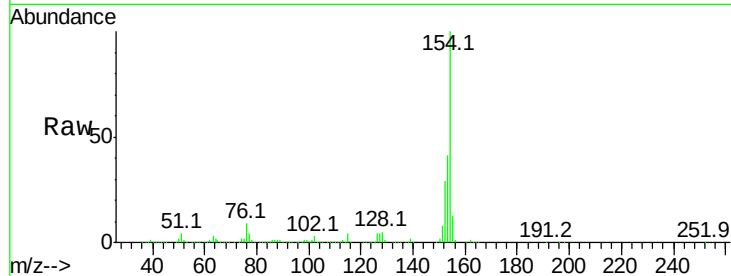
ClientSampleId :

TK2-1-20160401MS

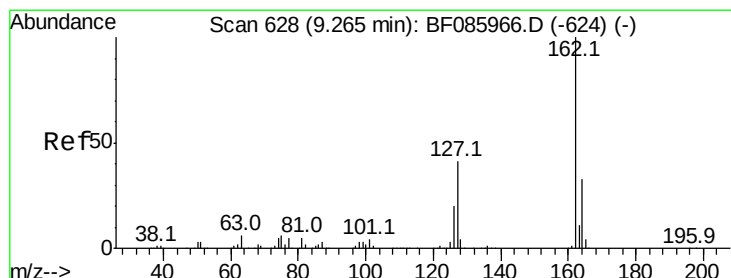
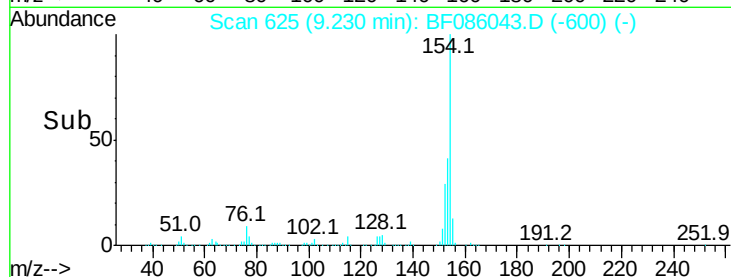
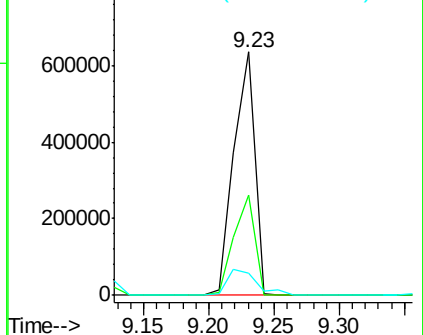
Tot Ion:	154	Resp:	706194
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.8	60.8
76	9.1	0.0	36.7

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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: 44.74 ng

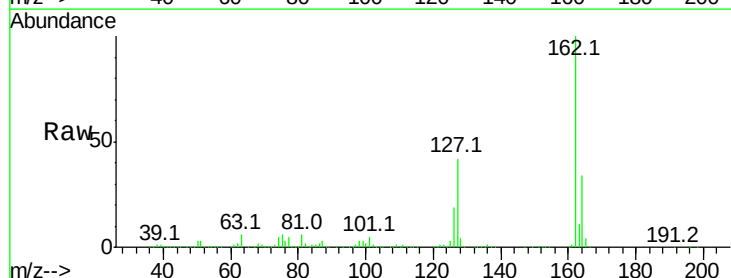
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

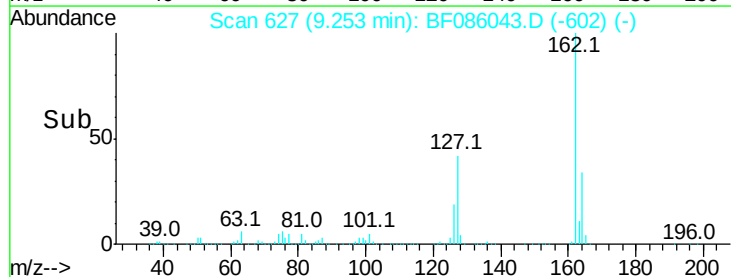
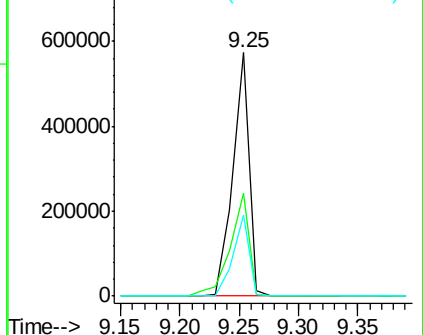
Lab File: BF086043.D

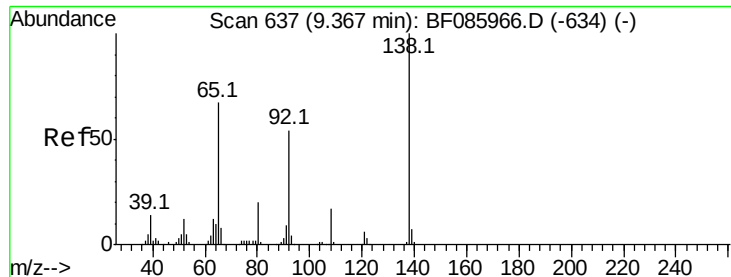
Acq: 4 Apr 2016 17:35

Tgt Ion:	162	Resp:	546754
Ion Ratio	Lower	Upper	
162	100		
127	42.0	31.7	47.5
164	33.5	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: 50.78 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

ClientSampleId :

TK2-1-20160401MS

Tot Ion: 65 Resp: 181585

Ion Ratio Lower Upper

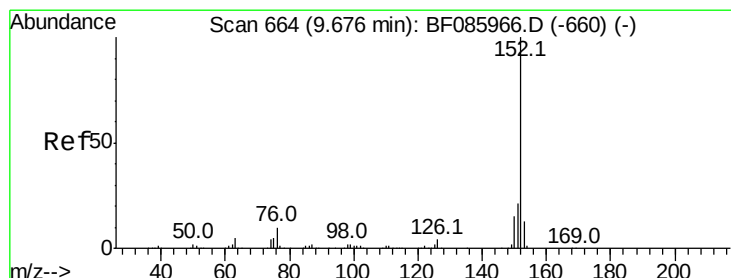
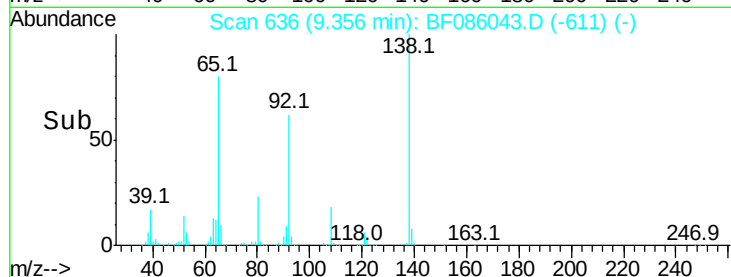
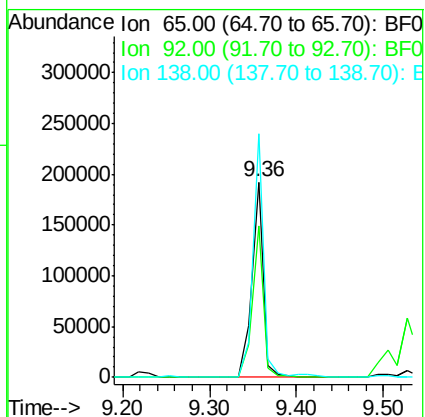
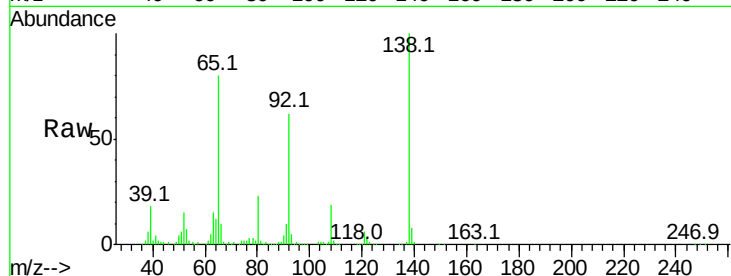
65 100

92 77.4 59.7 89.5

138 124.8 91.4 137.0

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#48

Acenaphthylene

Concen: 43.05 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

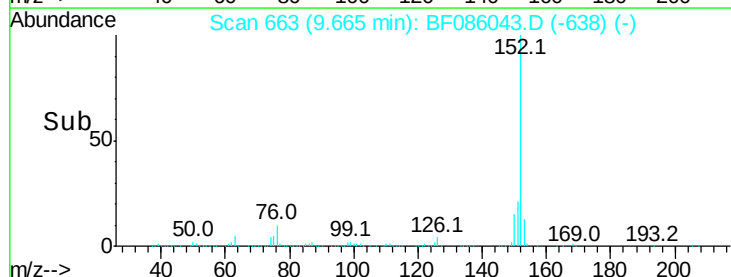
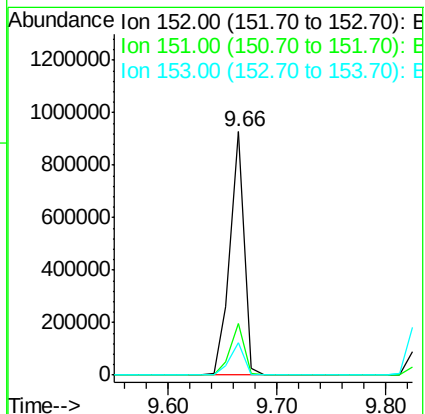
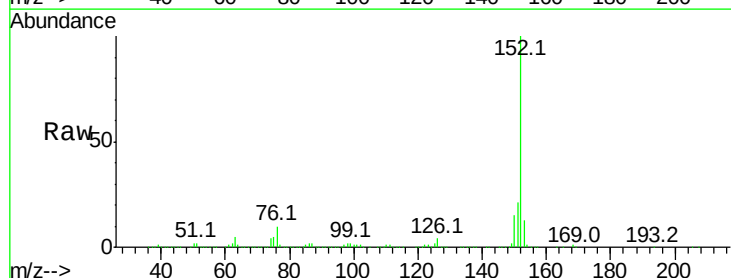
Tgt Ion: 152 Resp: 842827

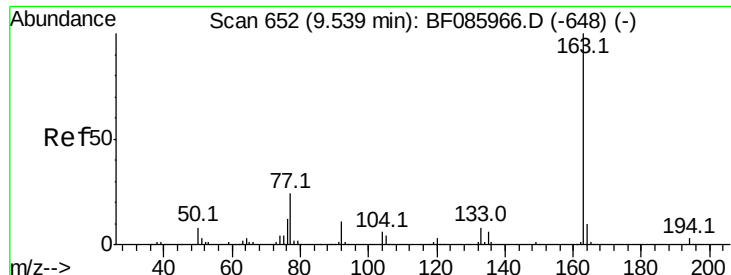
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.3 10.9 16.3





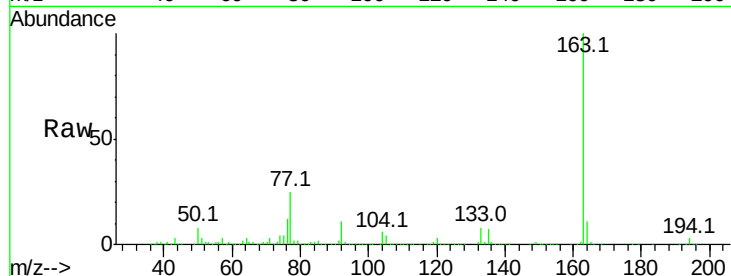
#49
Dimethylphthalate
Concen: 50.56 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

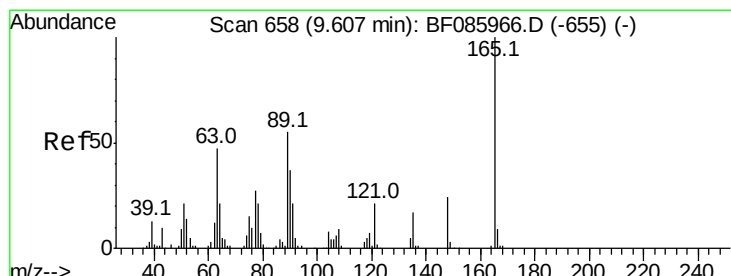
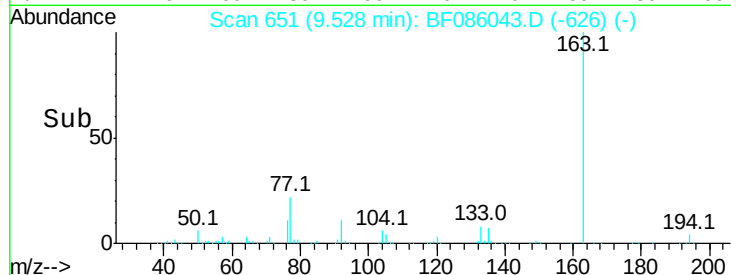
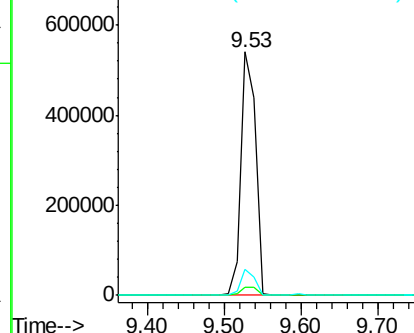
Tot Ion	Ratio	Resp	Lower	Upper
163	100	732750		
194	3.4		2.9	4.3
164	10.6		8.3	12.5

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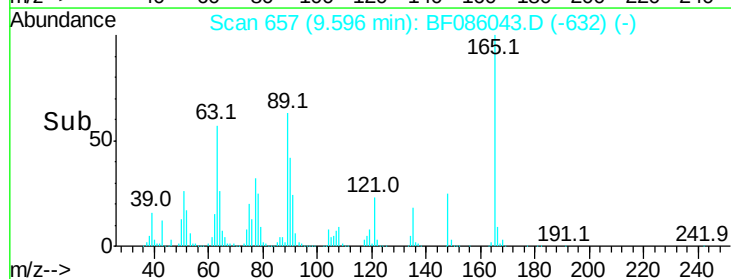
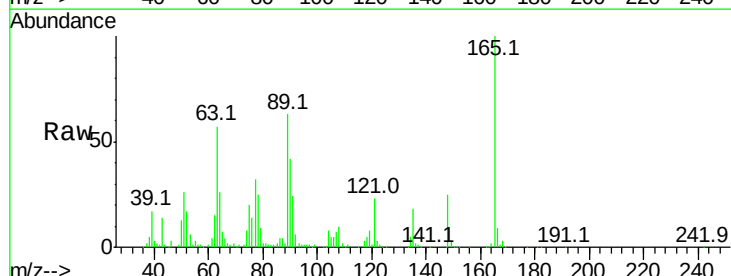
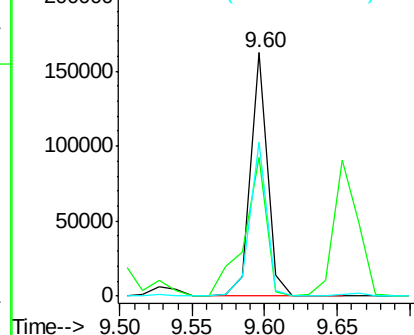
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

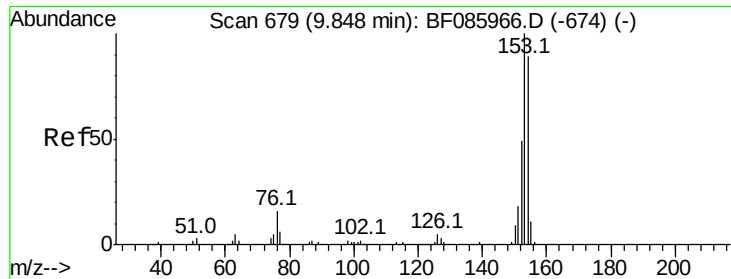


#50
2,6-Dinitrotoluene
Concen: 43.09 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132112		
63	57.0		51.8	77.8
89	63.2		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: 42.51 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

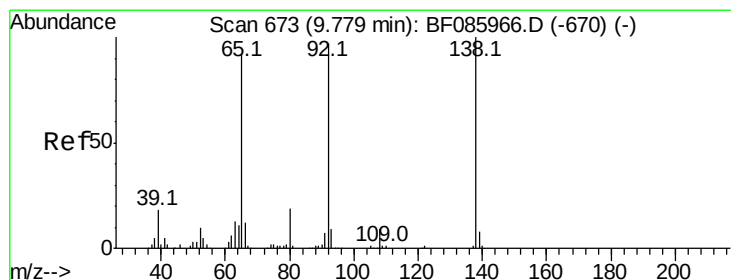
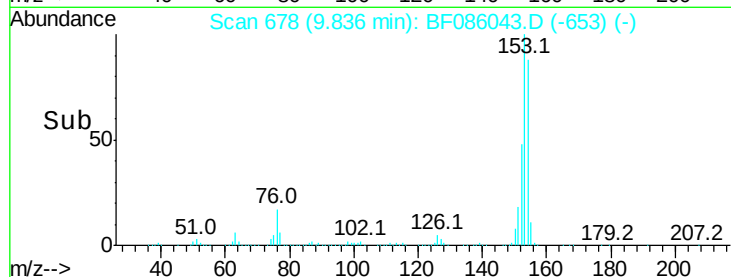
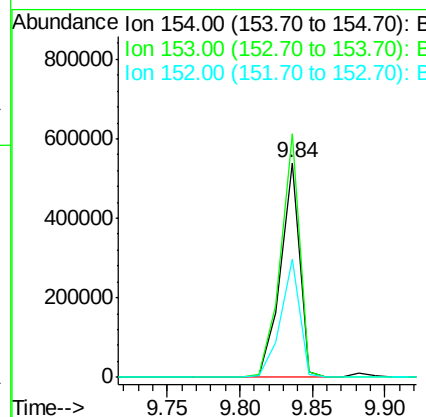
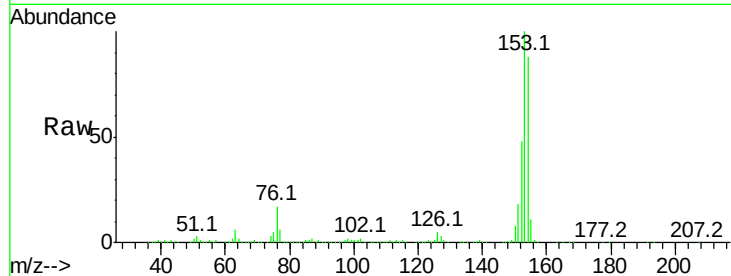
ClientSampleId :

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Tot Ion:	154	Resp:	494904
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.1	135.1
152	54.9	44.2	66.2

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#52

3-Nitroaniline

Concen: 31.23 ng

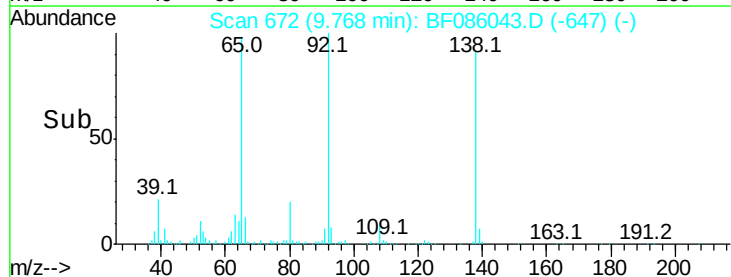
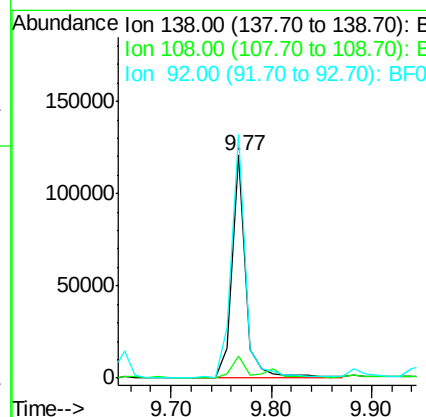
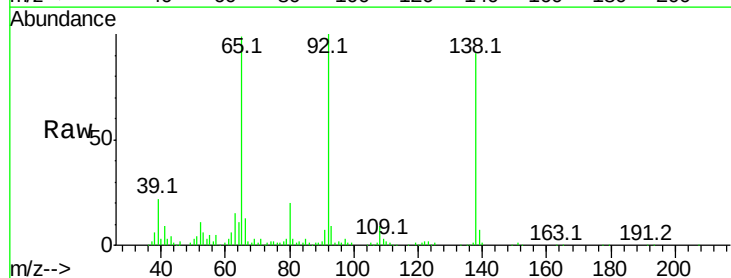
RT: 9.77 min Scan# 672

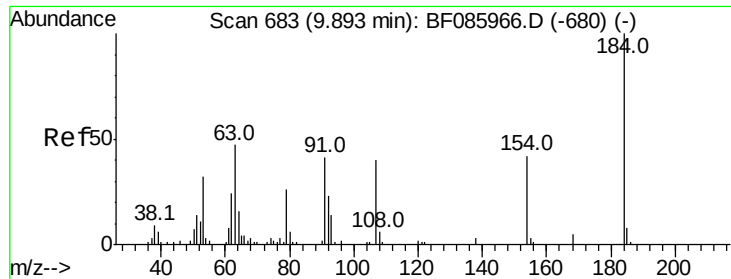
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	138	Resp:	115403
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.7	13.1
92	109.3	93.3	139.9





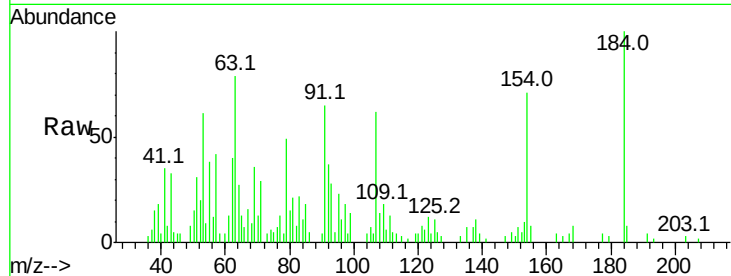
#53
2,4-Dinitrophenol
Concen: 18.23 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

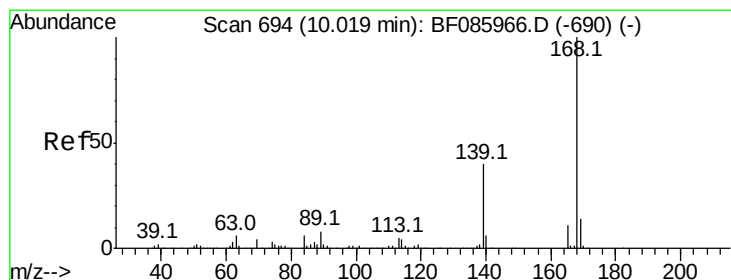
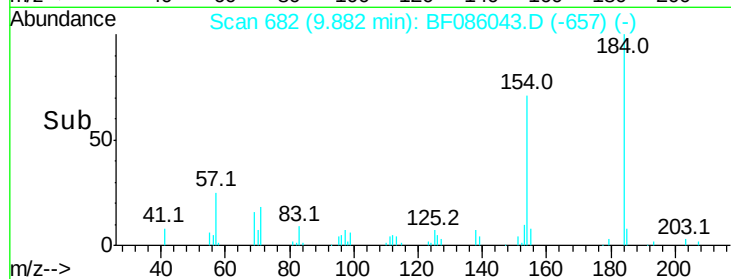
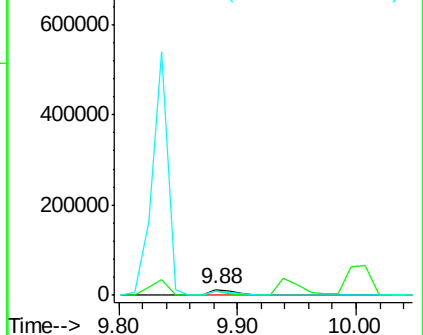
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.6	69.5	104.3
154	71.3	58.3	87.5

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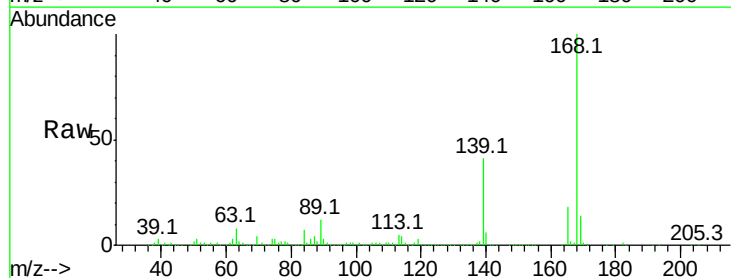


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

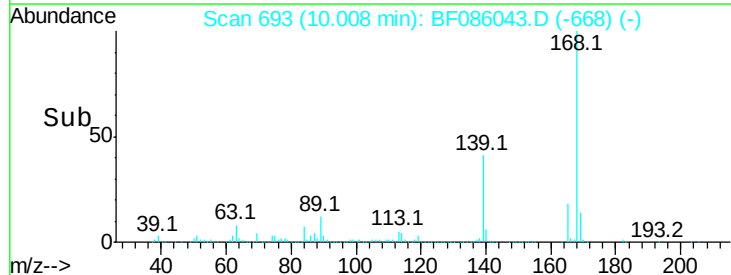
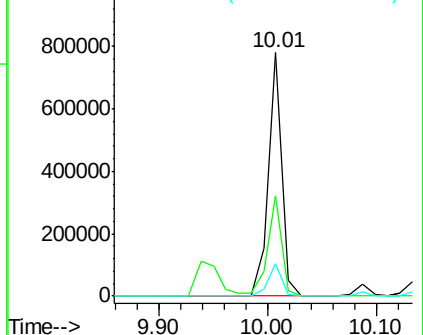


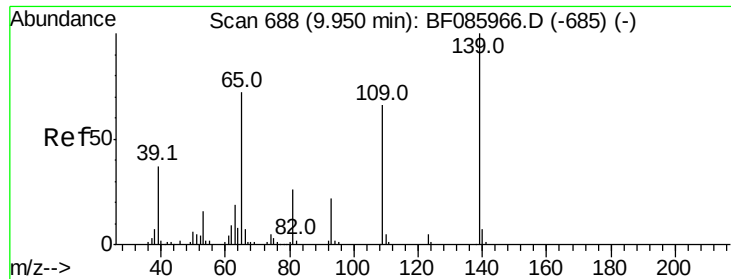
#54
Dibenzofuran
Concen: 44.25 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.9	47.9
169	13.5	11.0	16.6



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





#55

4-Nitrophenol

Concen: 76.94 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

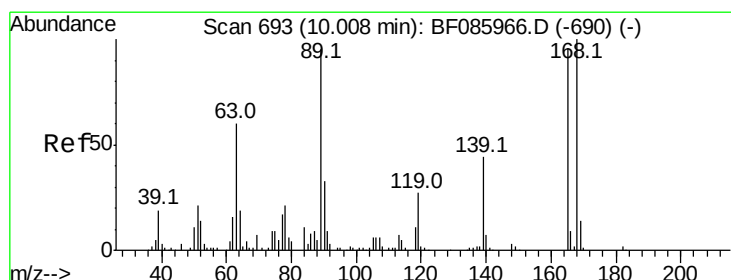
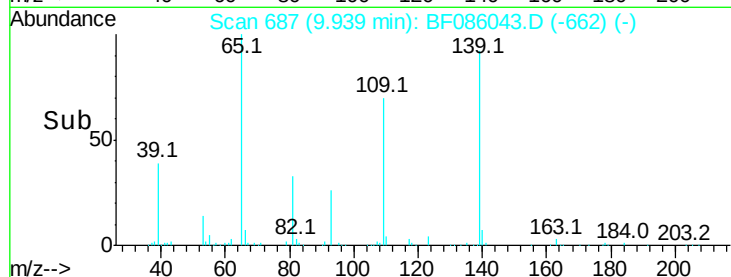
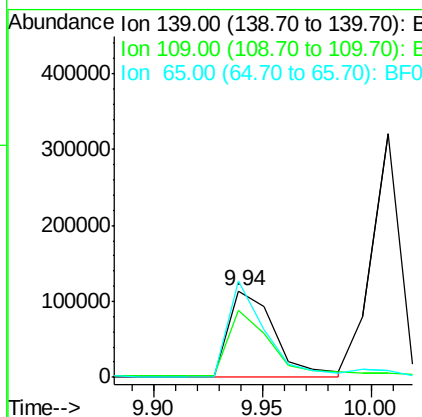
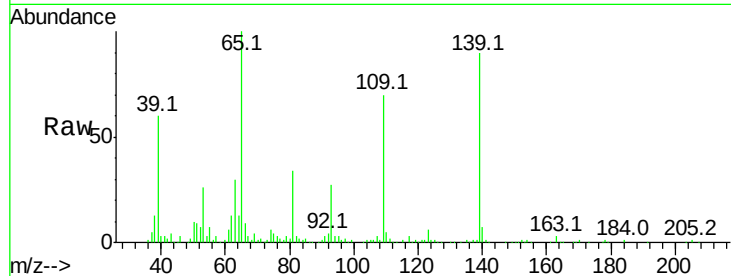
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	139	Resp:	167613
Ion Ratio	Lower	Upper	
139	100		
109	77.9	49.2	89.2
65	111.6	66.9	106.9#

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#56

2,4-Dinitrotoluene

Concen: 38.78 ng

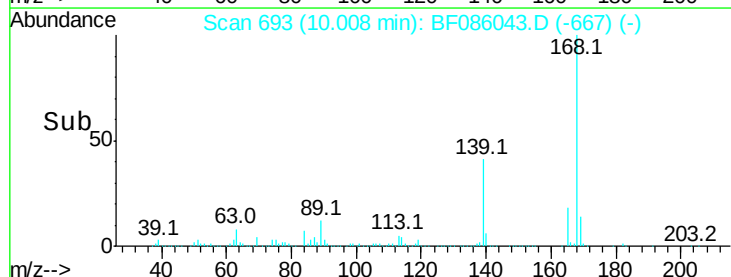
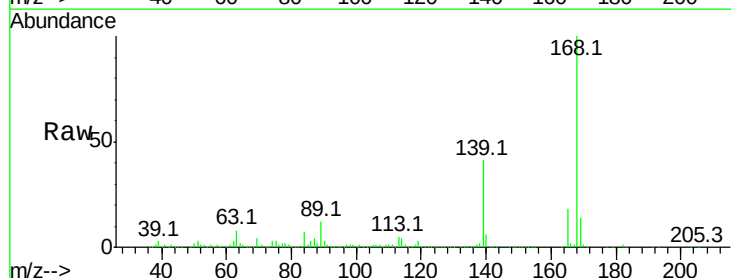
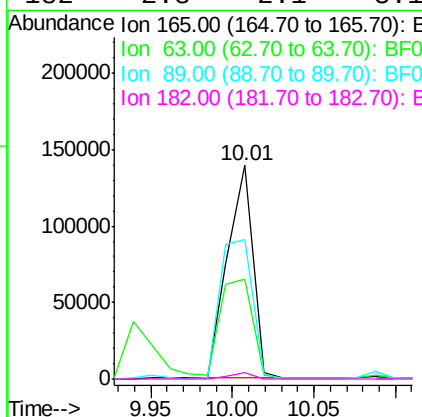
RT: 10.01 min Scan# 693

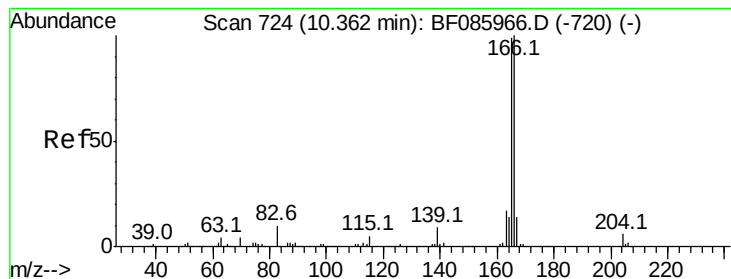
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	165	Resp:	150261
Ion Ratio	Lower	Upper	
165	100		
63	46.7	24.9	37.3#
89	65.4	41.0	61.6#
182	2.8	2.1	3.1





#57

Fluorene

Concen: 41.24 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

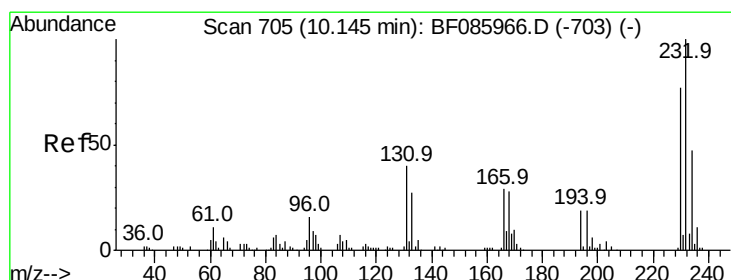
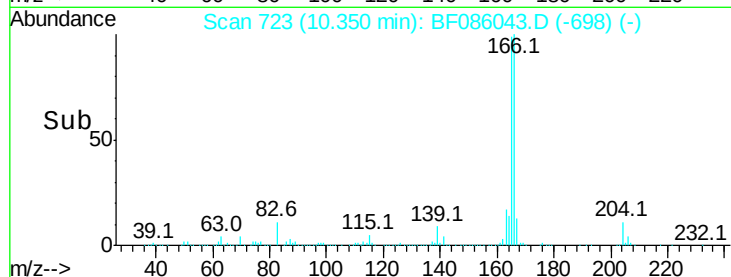
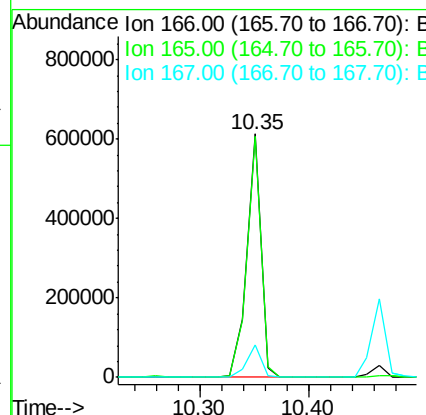
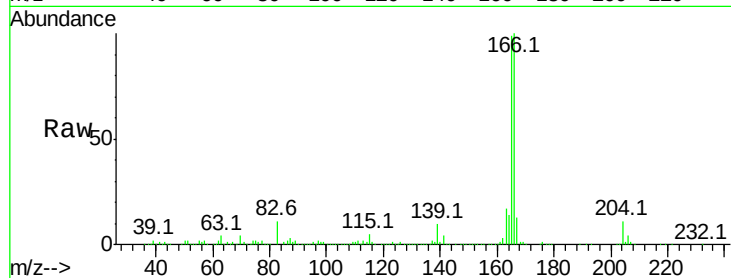
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	166	Resp:	541631
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.4	119.0
167	13.4	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.24 ng

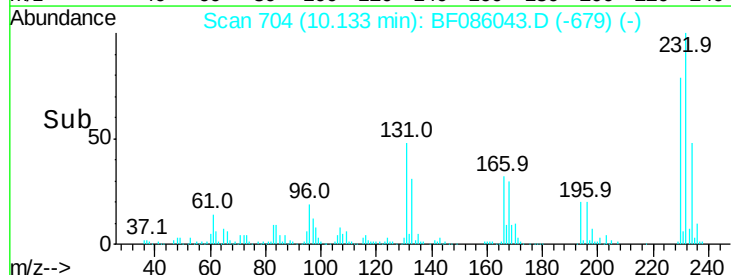
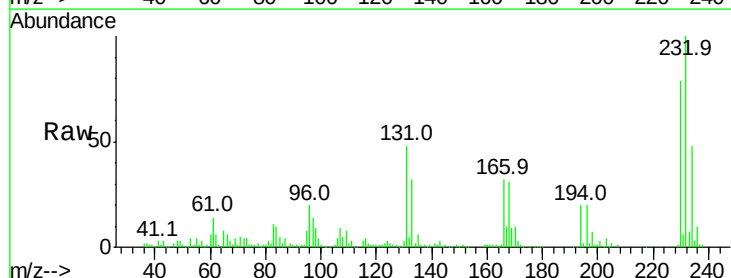
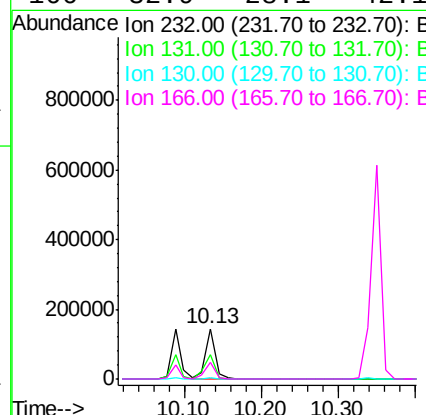
RT: 10.13 min Scan# 704

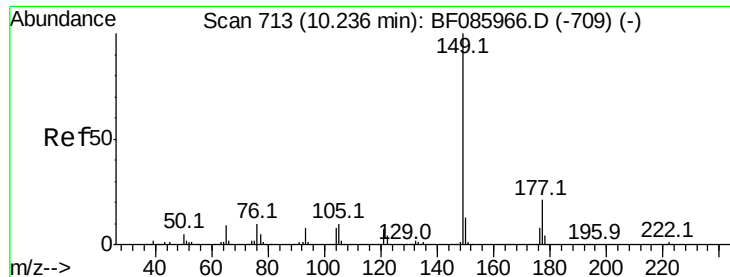
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	232	Resp:	126209
Ion Ratio	Lower	Upper	
232	100		
131	54.0	44.9	67.3
130	3.0	2.3	3.5
166	32.9	28.1	42.1





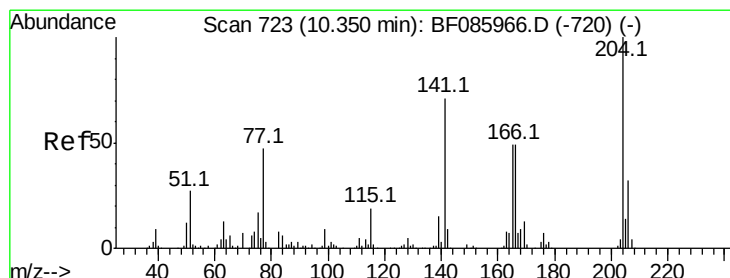
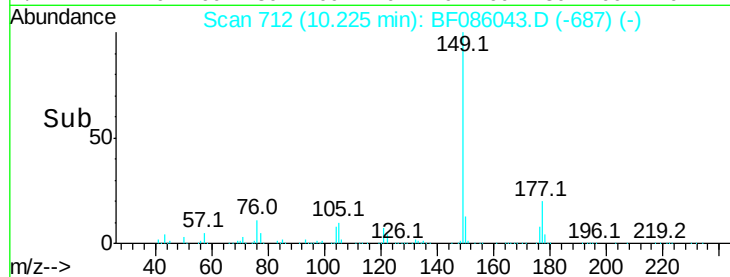
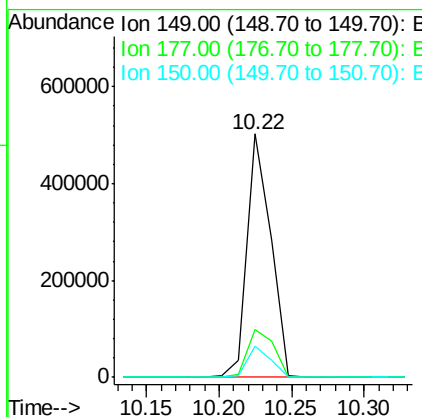
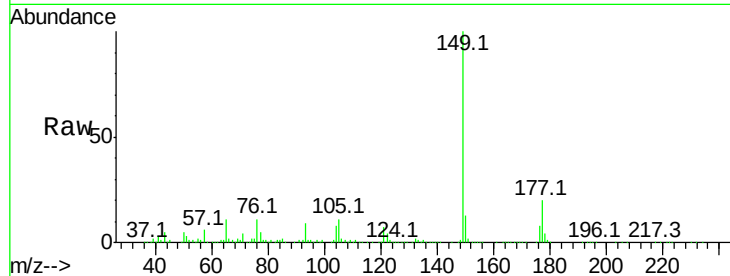
#59
Diethylphthalate
Concen: 38.68 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	565723		
177	19.8	17.9	26.9	
150	12.9	10.2	15.2	

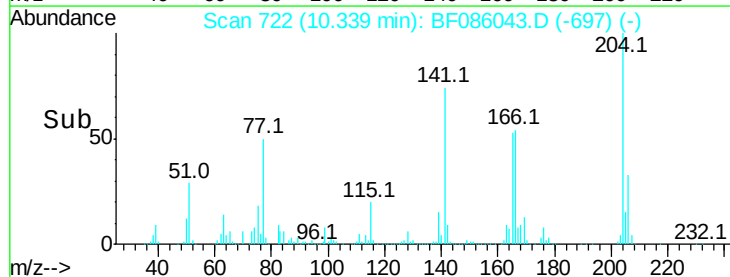
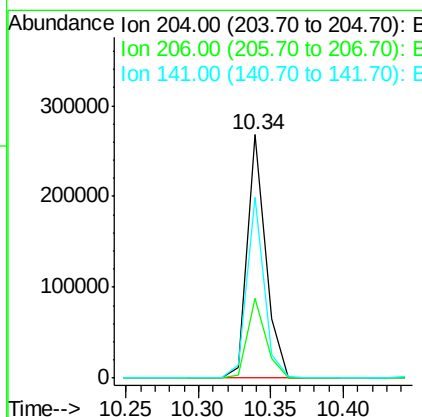
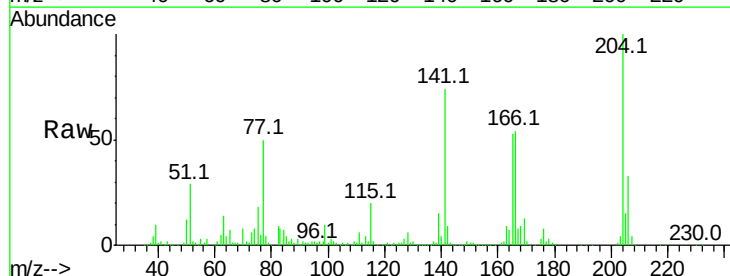
Manual Integrations
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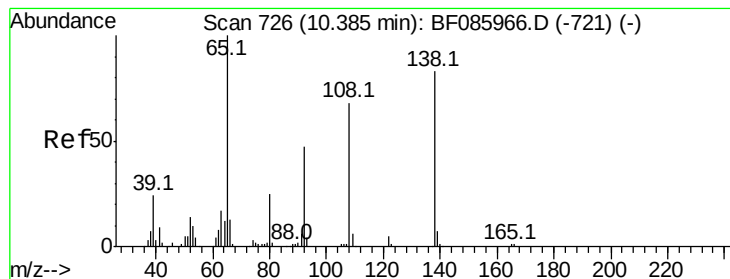
Sohil
4/5/2016 6:39:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.03 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	238774		
206	32.7	26.6	39.8	
141	74.3	57.4	86.0	





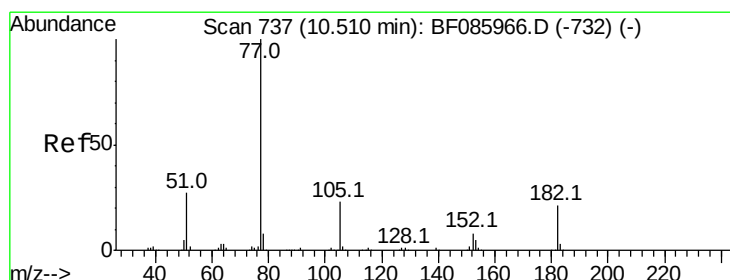
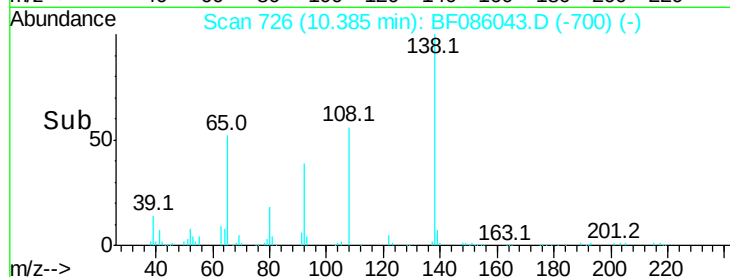
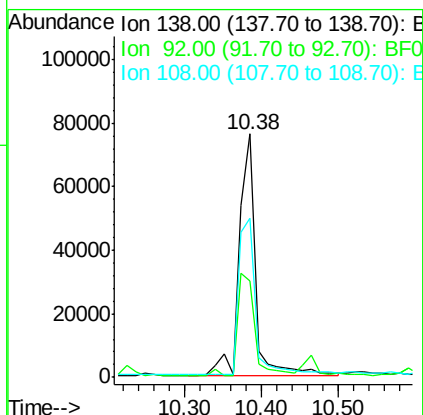
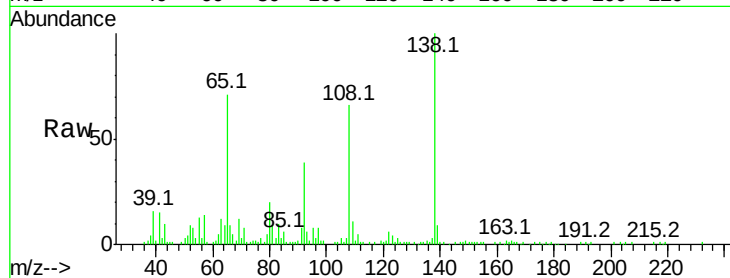
#61
4-Nitroaniline
Concen: 30.82 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.5	26.4	66.4
108	65.6	49.0	89.0

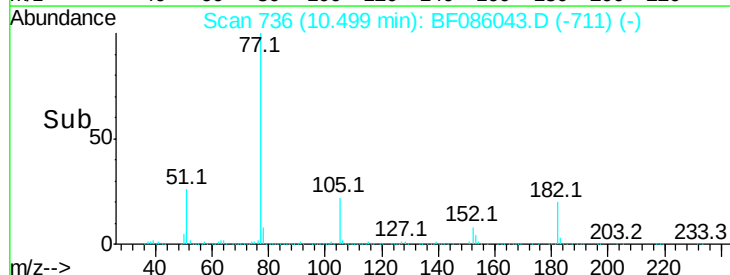
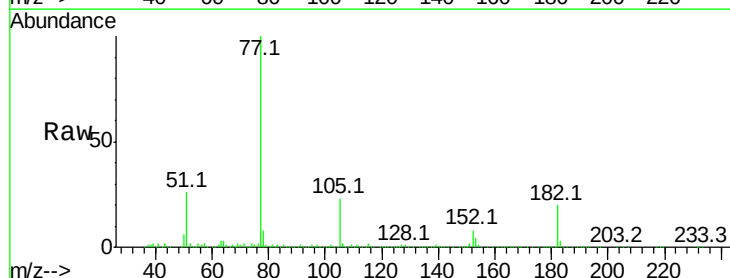
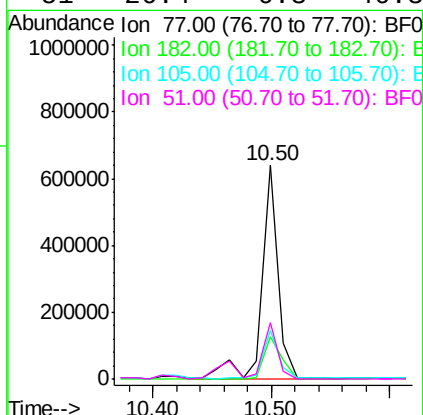
Manual Integrations
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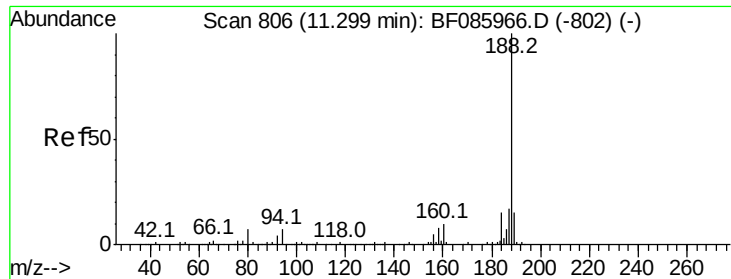
Sohil
4/5/2016 6:39:04 PM



#62
Azobenzene
Concen: 43.12 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	1.9	41.9
105	22.9	3.5	43.5
51	26.4	6.3	46.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086043.D

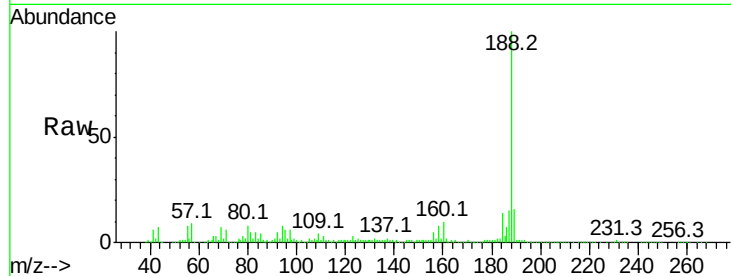
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion:188	Resp:	308132
Ion Ratio	Lower	Upper
188 100		
94 8.5	5.4	8.0#
80 8.2	5.5	8.3

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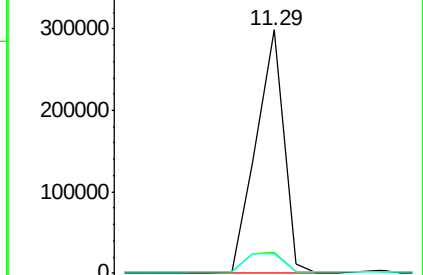
Sohil
4/5/2016 6:39:04 PM



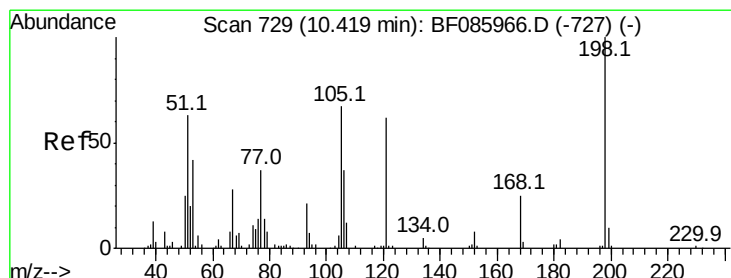
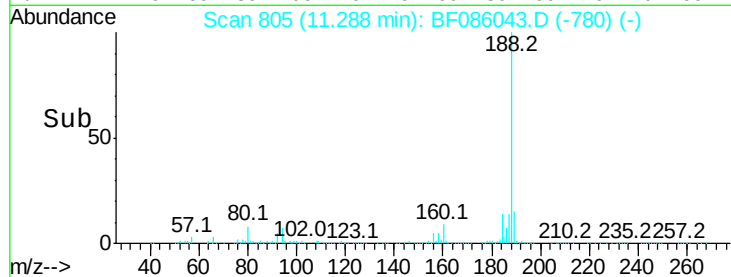
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 15.64 ng

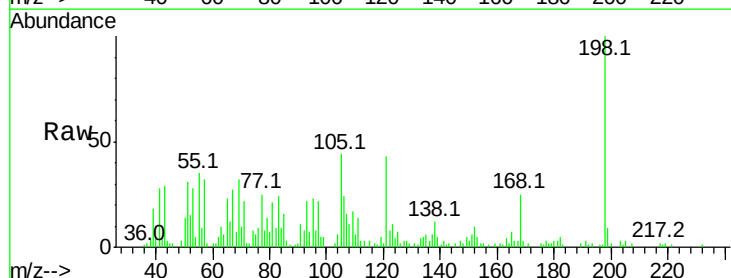
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

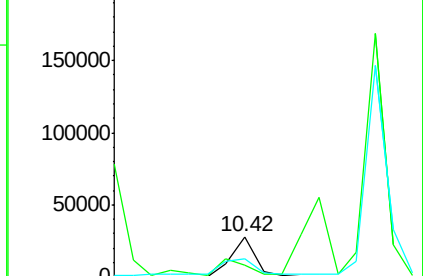
Tgt Ion:198	Resp:	29205
Ion Ratio	Lower	Upper
198 100		
51 31.3	45.4	85.4#
105 44.2	45.9	85.9#



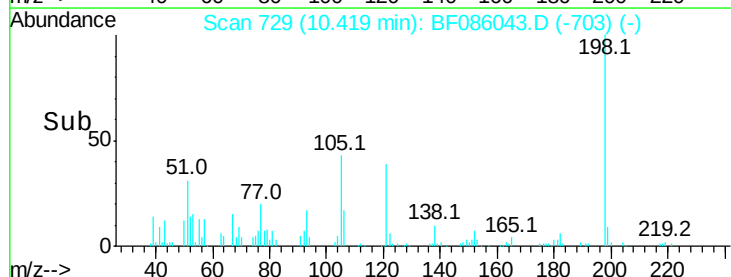
Abundance Ion 198.00 (197.70 to 198.70): E

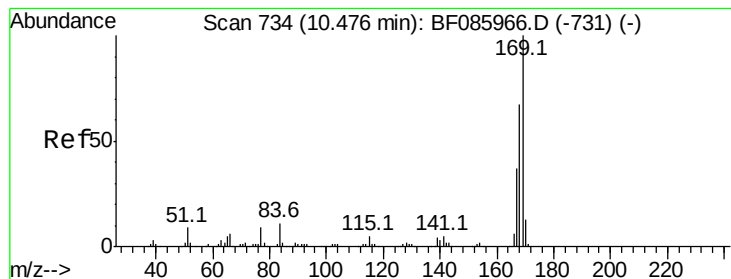
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





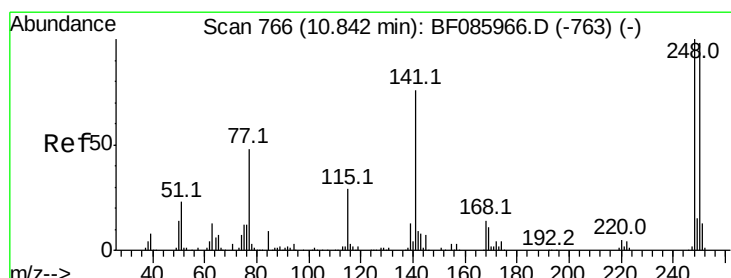
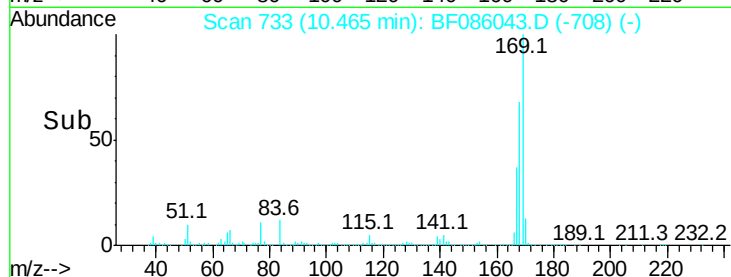
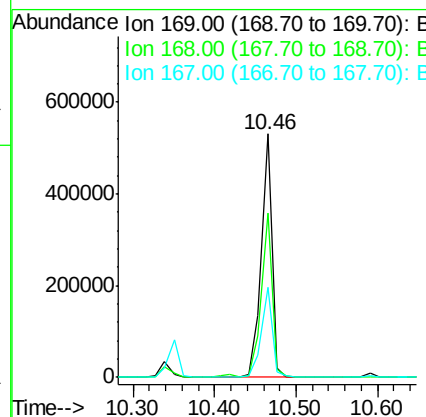
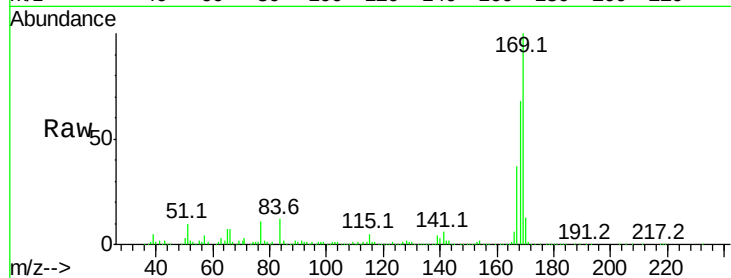
#65
n-Nitrosodiphenylamine
Concen: 49.72 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	479098		
168	67.6		54.4	81.6
167	37.0		29.4	44.0

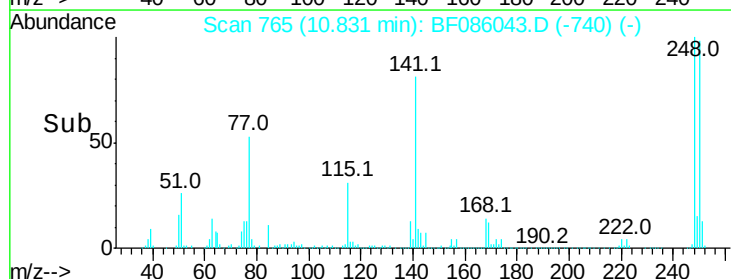
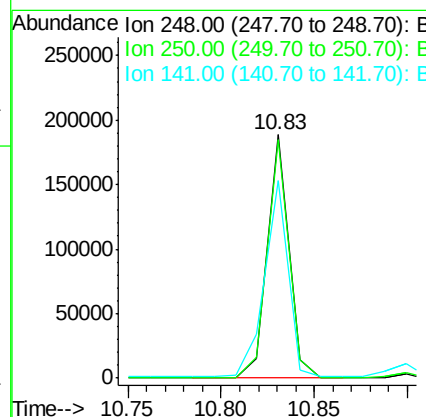
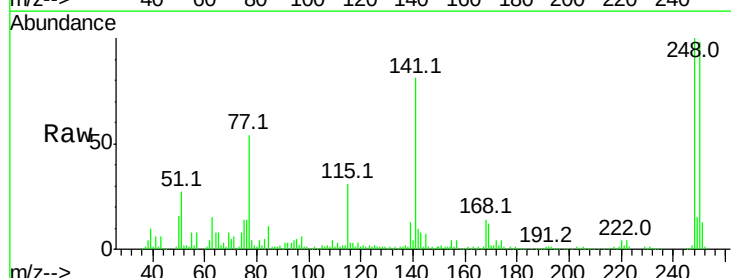
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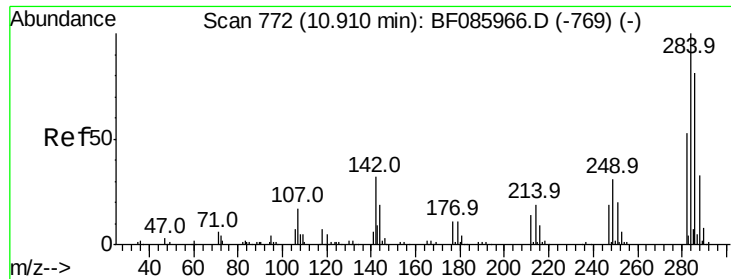
Sohil
4/5/2016 6:39:04 PM



#66
4-Bromophenyl-phenylether
Concen: 47.86 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	150554		
250	97.9		77.4	116.0
141	81.3		63.6	95.4





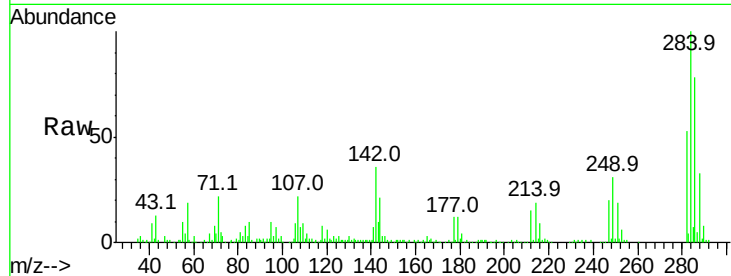
#67
Hexachlorobenzene
Concen: 45.65 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

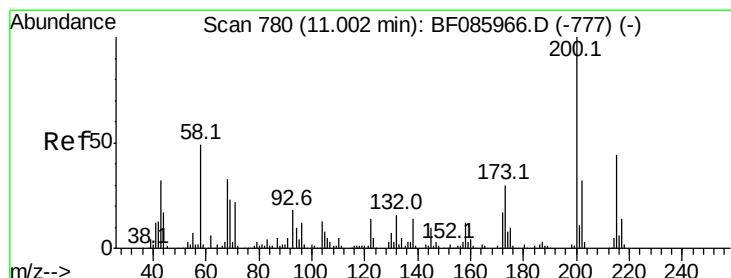
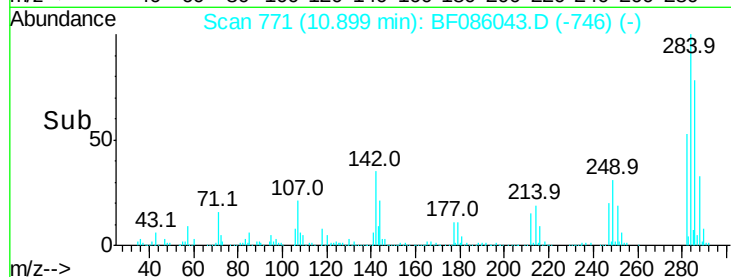
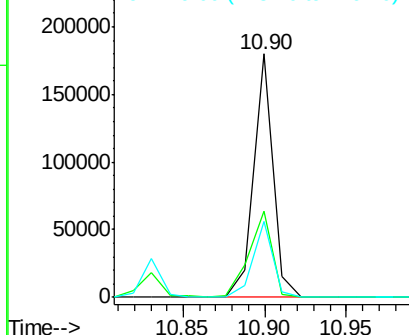
Tot Ion	Ratio	Resp	Lower	Upper
284	100	148514		
142	35.5	23.1	34.7#	
249	31.3	24.2	36.2	

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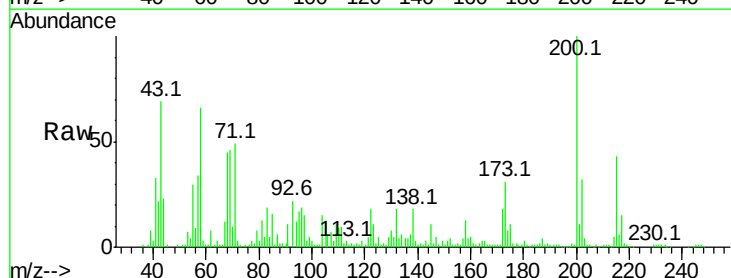


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

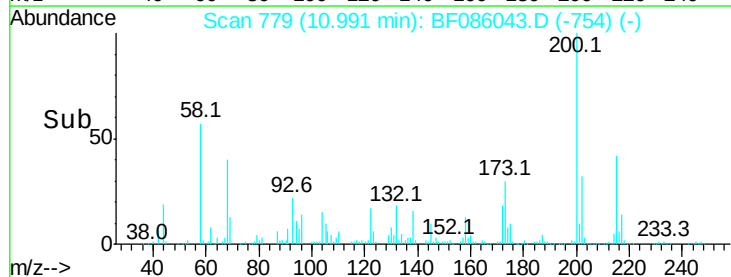
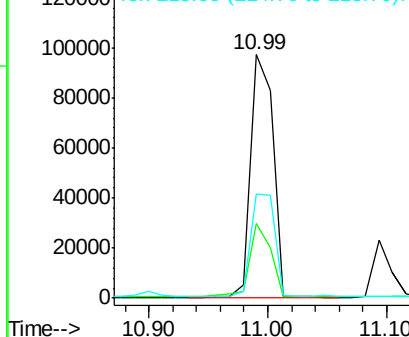


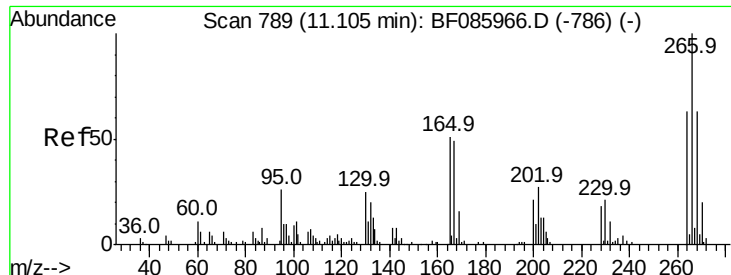
#68
Atrazine
Concen: 41.71 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	129867		
173	30.9	7.7	47.7	
215	42.7	25.4	65.4	



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





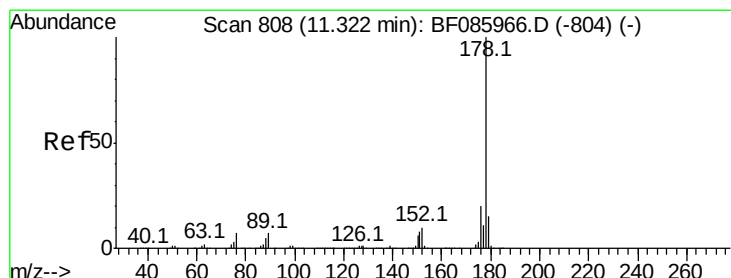
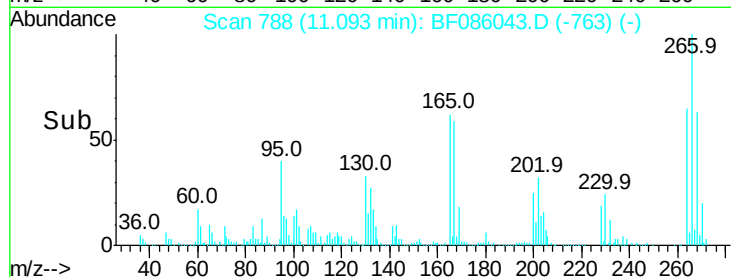
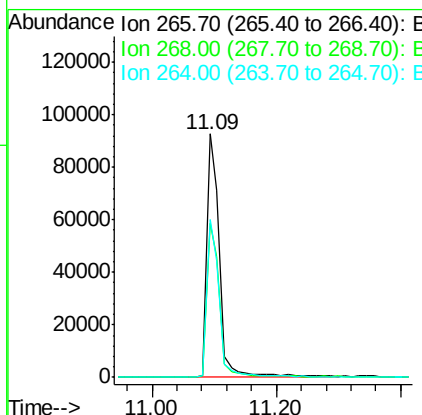
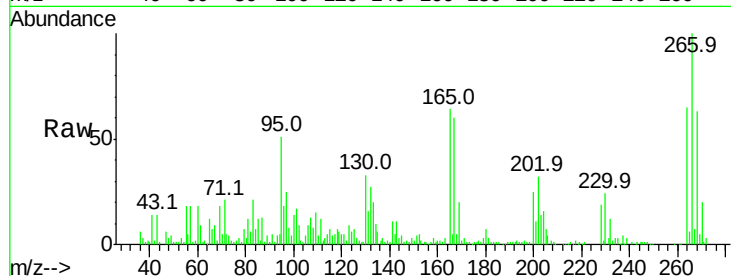
#69
 Pentachlorophenol
 Concen: 85.59 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	130494		
268	63.1	51.5	77.3	
264	64.9	50.6	76.0	

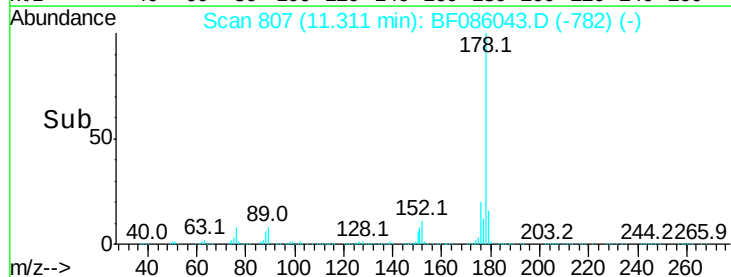
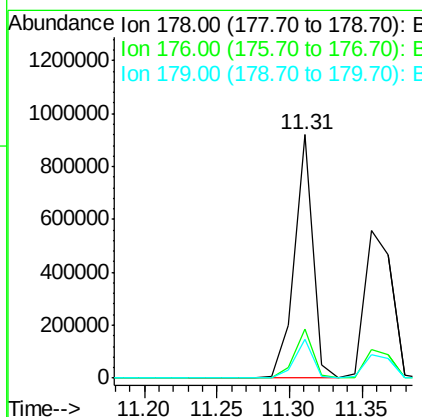
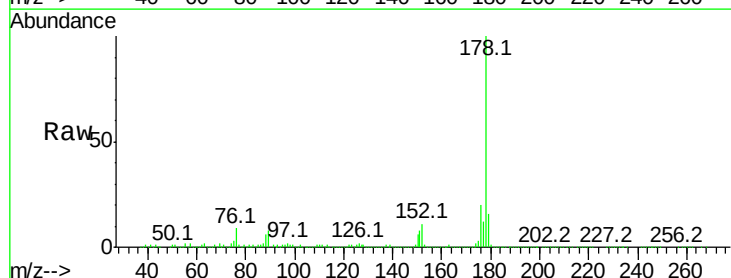
Manual Integrations
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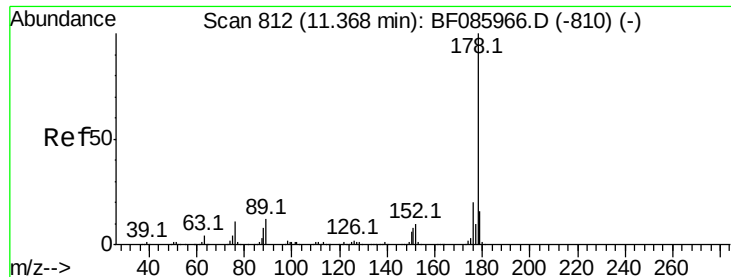
Sohil
 4/5/2016 6:39:04 PM



#70
 Phenanthrene
 Concen: 47.90 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086043.D
 Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	805221		
176	20.0	16.3	24.5	
179	15.9	12.6	18.8	





#71

Anthracene

Concen: 41.03 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

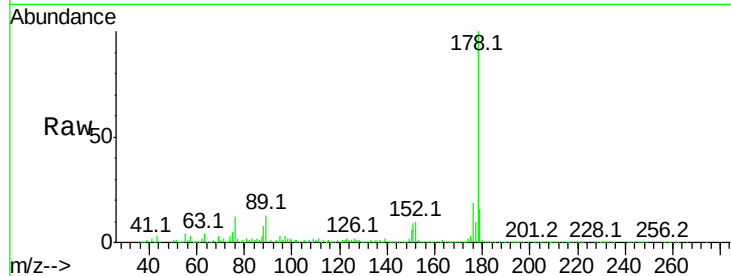
ClientSampleId :

TK2-1-20160401MS

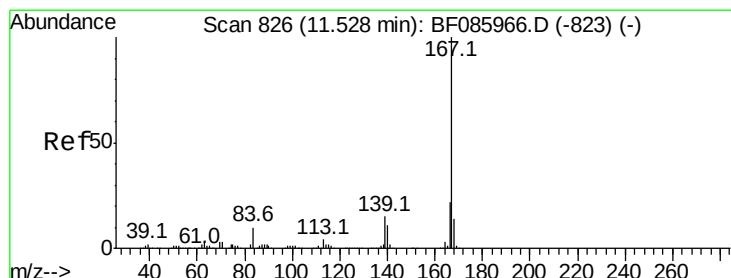
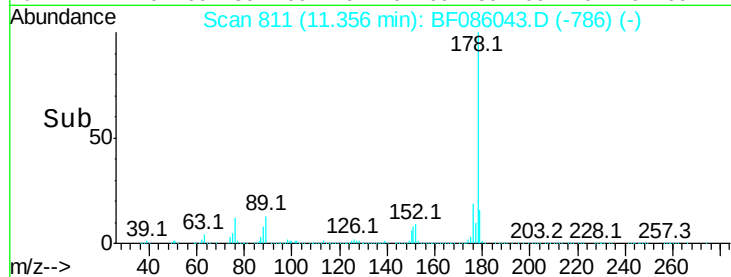
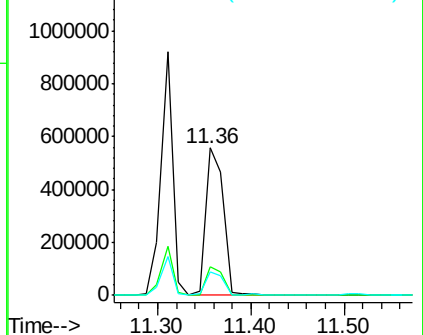
Tot Ion:	178	Resp:	722566
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.9	23.9
179	16.1	13.0	19.4

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



#72

Carbazole

Concen: 37.79 ng

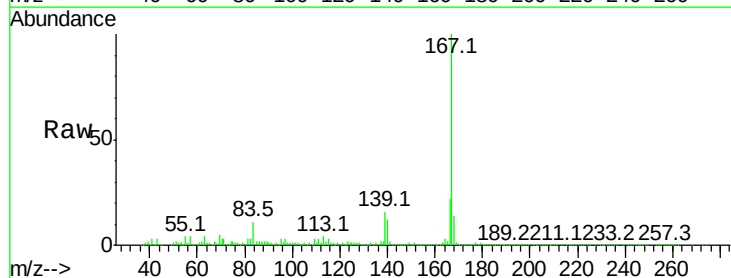
RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

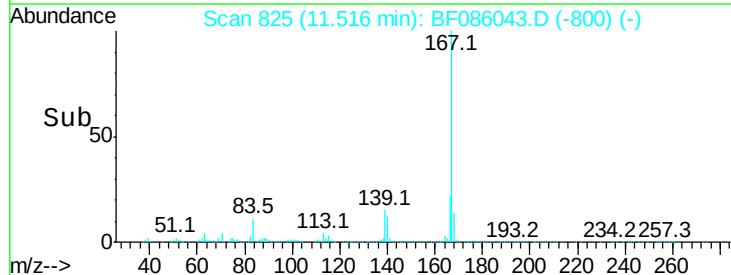
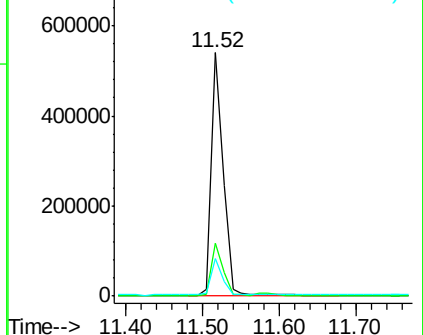
Lab File: BF086043.D

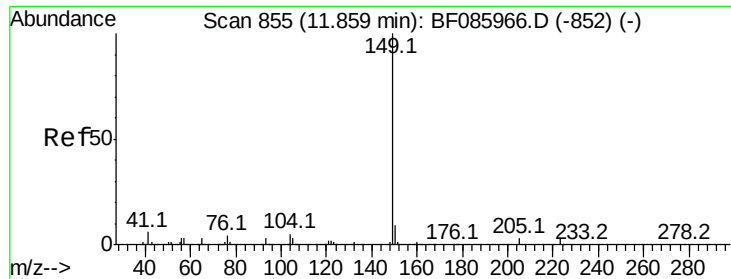
Acq: 4 Apr 2016 17:35

Tgt Ion:	167	Resp:	572061
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.8
139	15.6	11.6	17.4



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





#73

Di-n-butylphthalate

Concen: 42.26 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

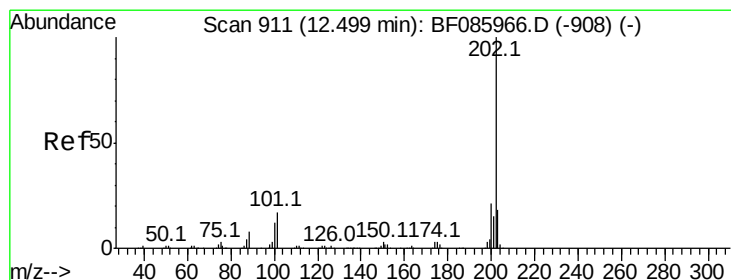
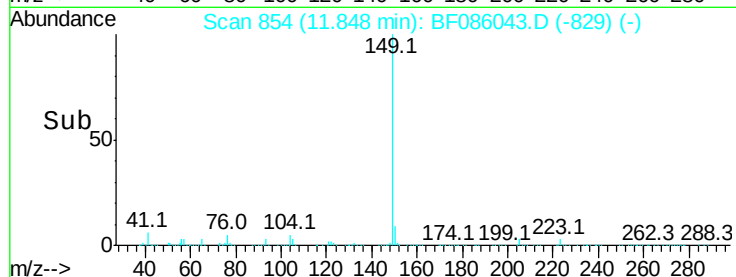
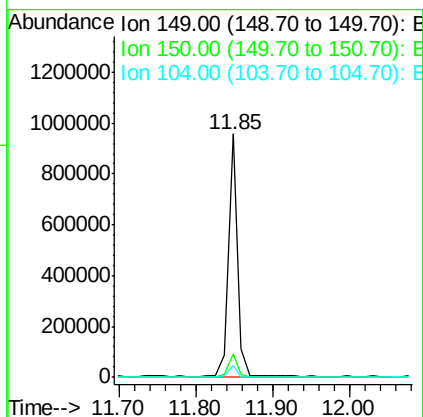
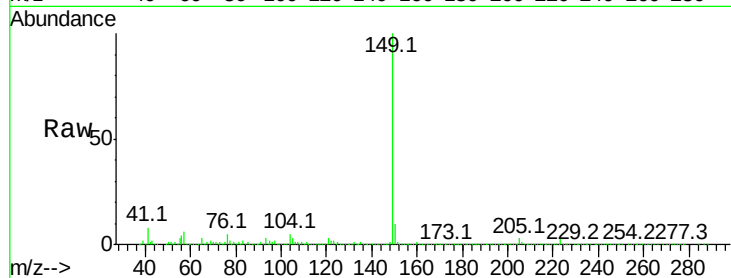
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	149	Resp:	792711
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.1	3.8	5.8

Manual Integrations
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4/5/2016 6:39:04 PM



#74

Fluoranthene

Concen: 48.29 ng

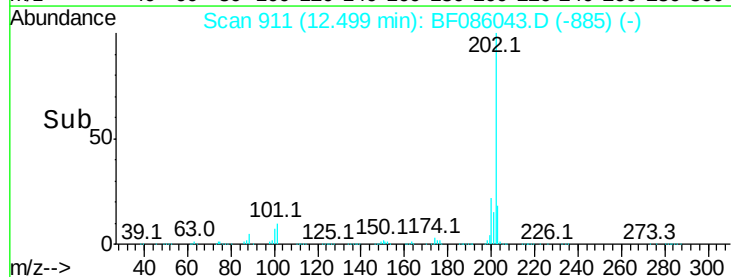
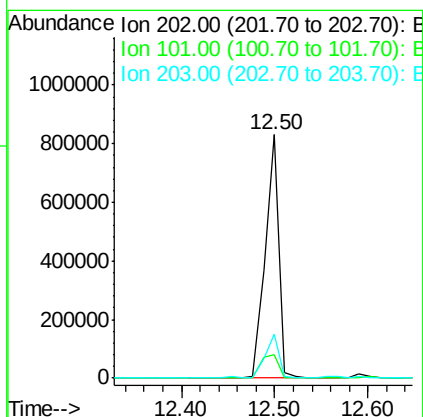
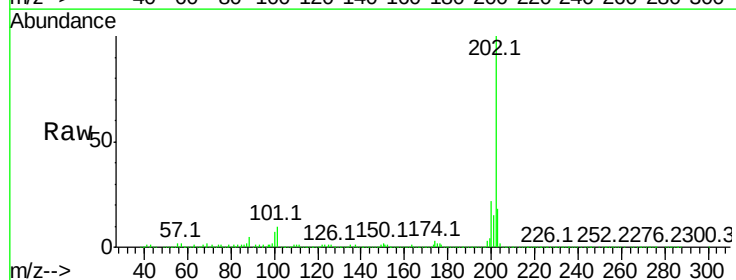
RT: 12.50 min Scan# 911

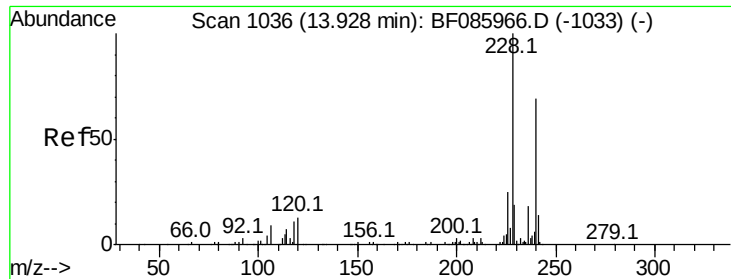
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	202	Resp:	844273
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	36.6
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

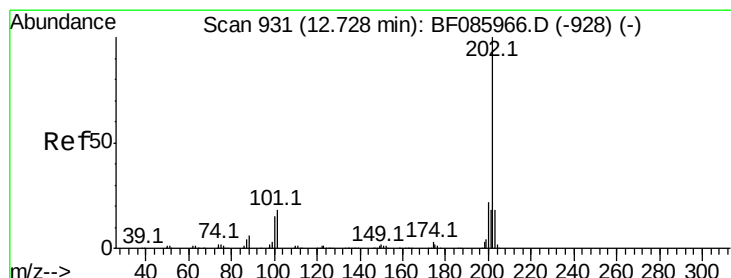
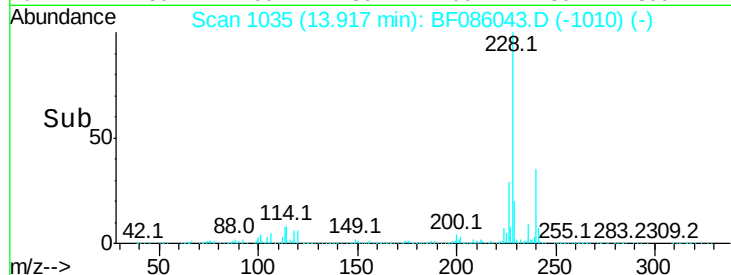
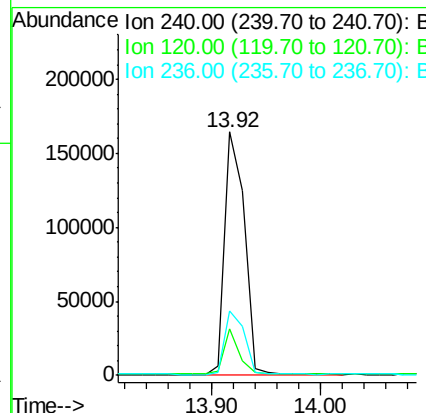
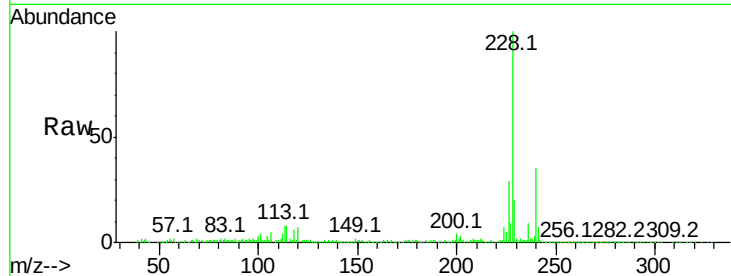
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	240	Resp:	206222
Ion Ratio	Lower	Upper	
240	100		
120	19.2	13.8	20.8
236	26.3	20.6	30.8

Manual Integrations
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4/5/2016 6:39:04 PM



#77

Pyrene

Concen: 56.62 ng

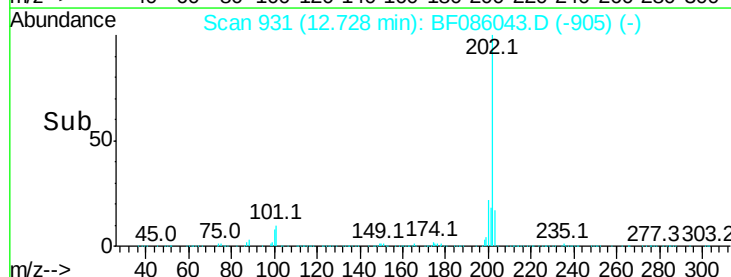
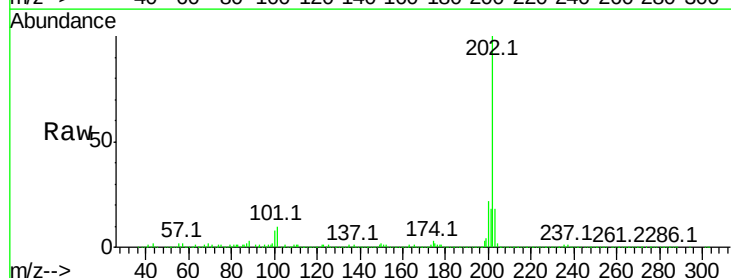
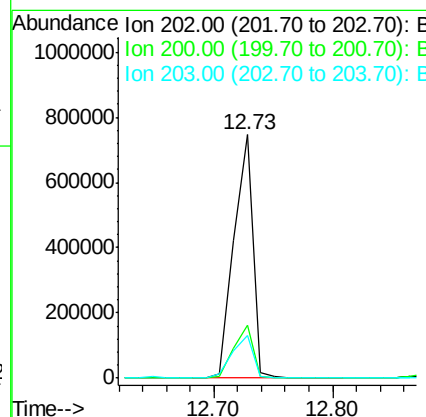
RT: 12.73 min Scan# 931

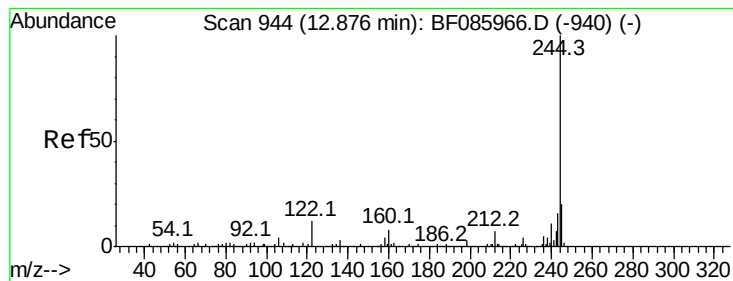
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	202	Resp:	822742
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	17.5	14.0	21.0





#78

Terphenyl-d14

Concen: 87.35 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

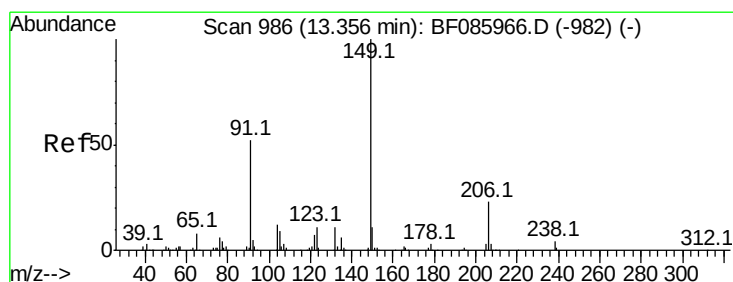
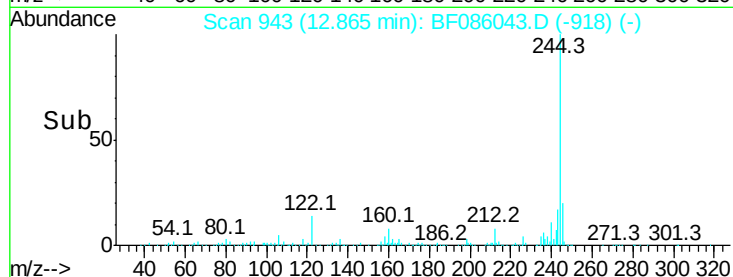
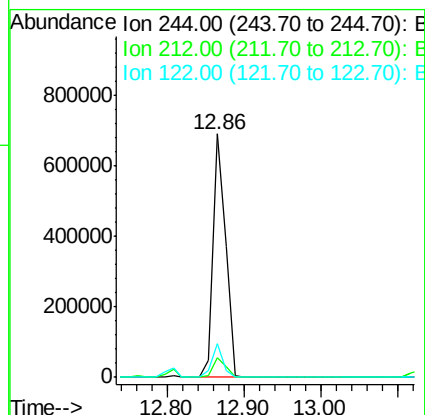
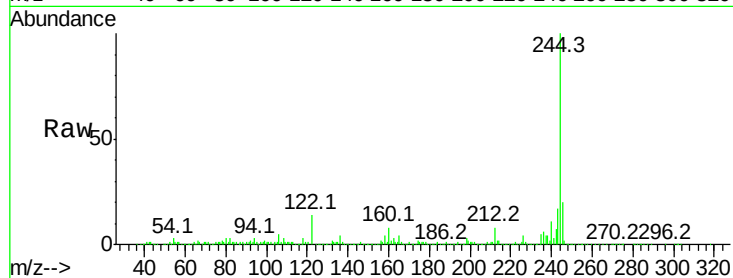
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	244	Resp:	766327
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	13.9	10.2	15.4

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#79

Butylbenzylphthalate

Concen: 47.18 ng

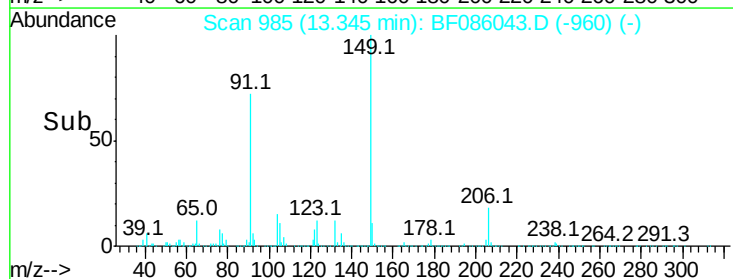
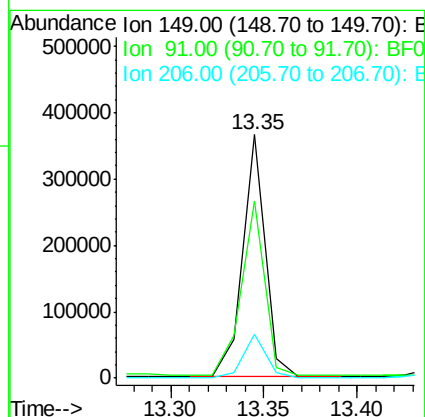
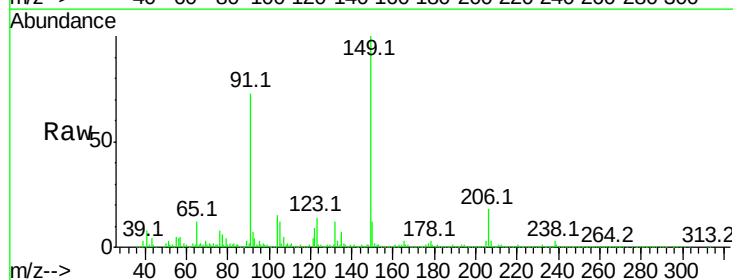
RT: 13.35 min Scan# 985

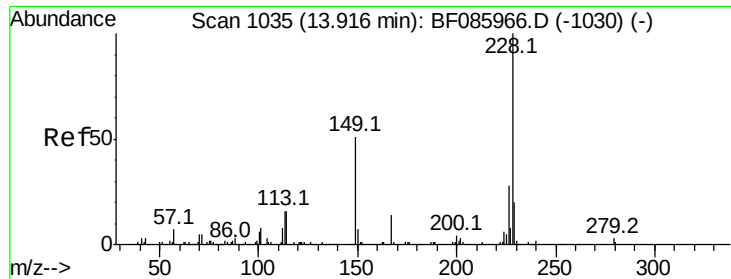
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	149	Resp:	308734
Ion Ratio	Lower	Upper	
149	100		
91	72.7	45.8	68.8#
206	17.9	17.8	26.8





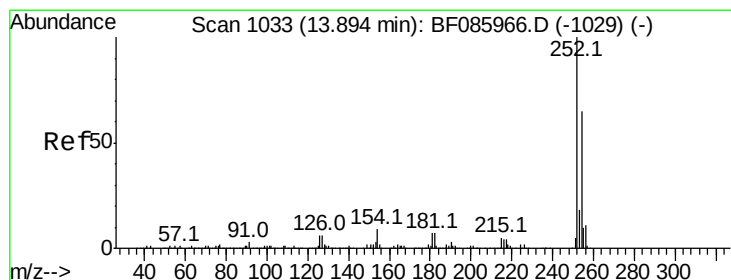
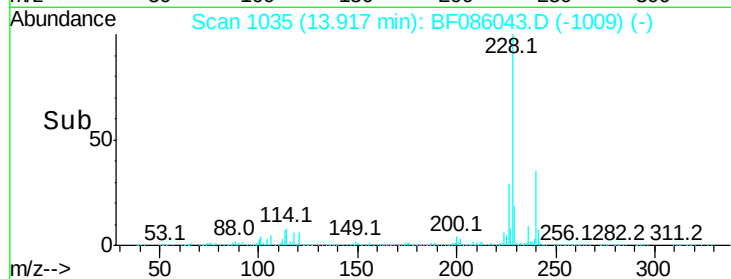
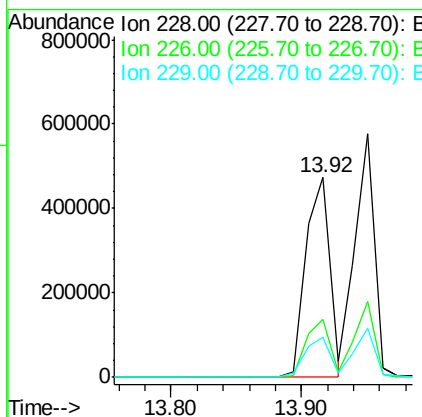
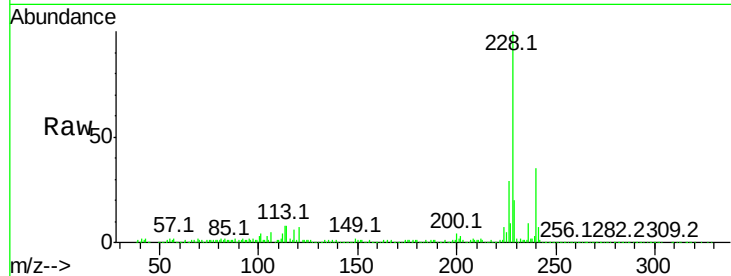
#80
Benzo(a)anthracene
Concen: 49.92 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	19.8	16.2	24.4

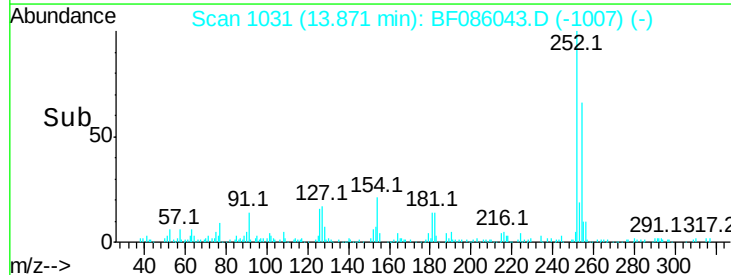
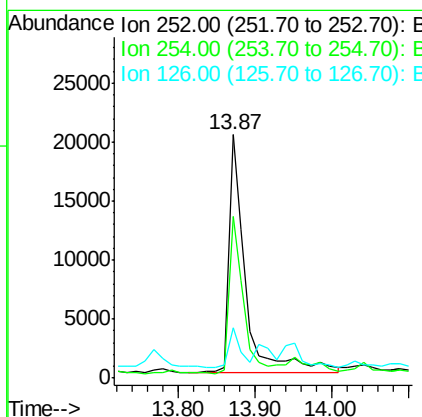
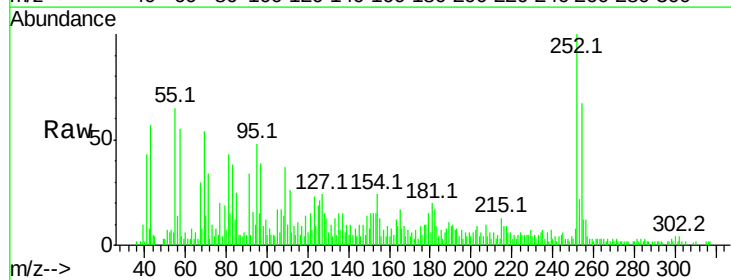
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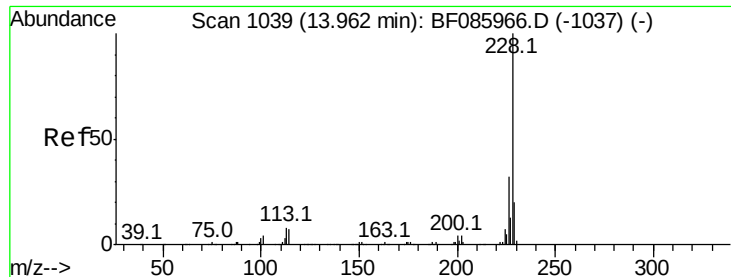
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#81
3,3'-Dichlorobenzidine
Concen: 3.54 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	50.7	76.1
126	20.6	11.8	17.6





#82

Chrysene

Concen: 50.54 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

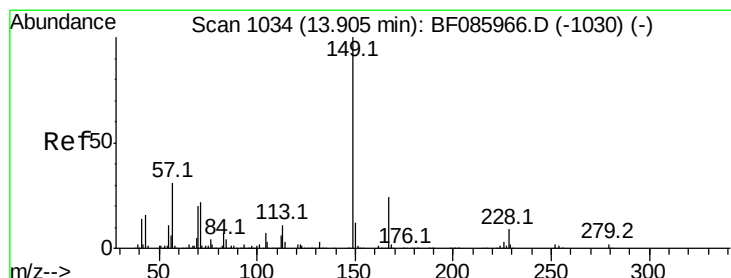
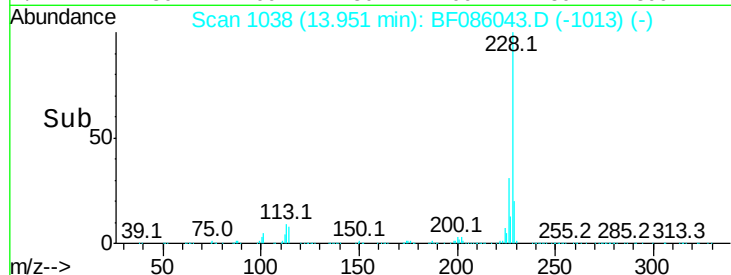
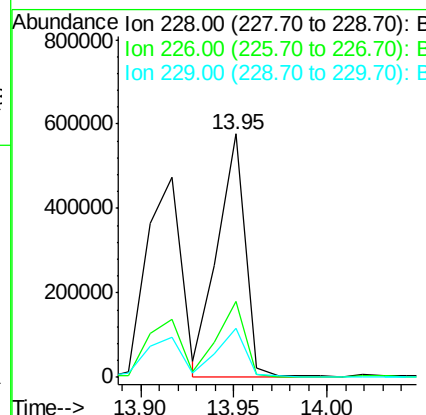
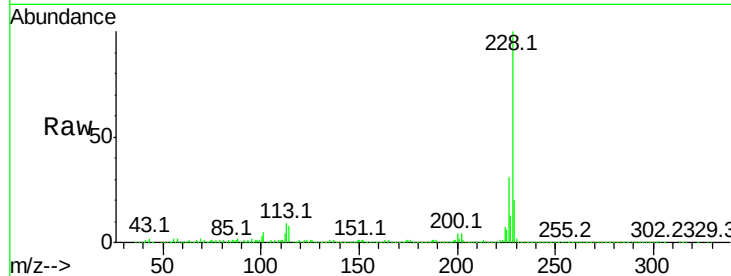
ClientSampleId :

TK2-1-20160401MS

Tot Ion:	228	Resp:	591820
Ion Ratio		Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	15.7	23.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 60.28 ng

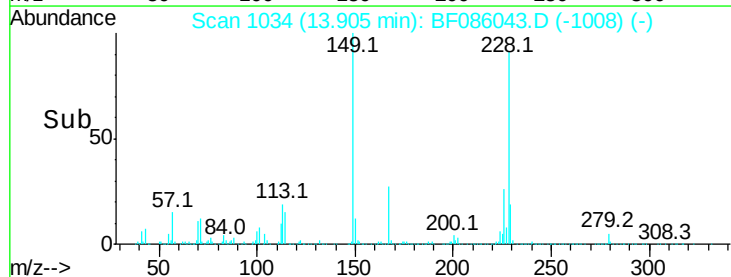
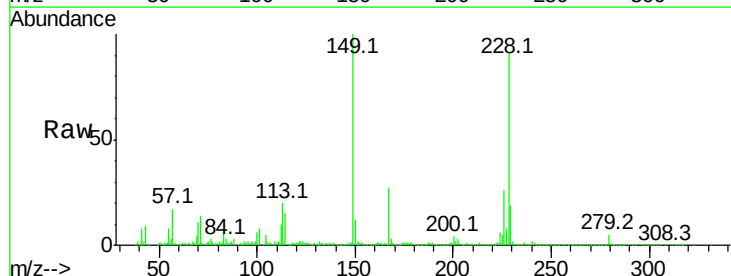
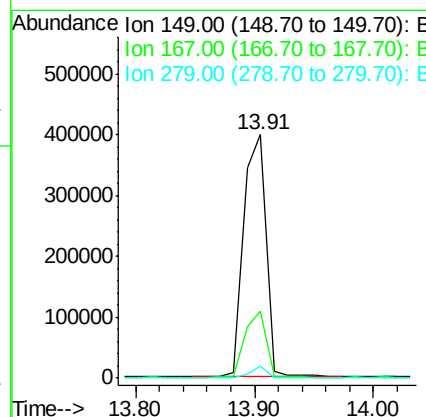
RT: 13.91 min Scan# 1034

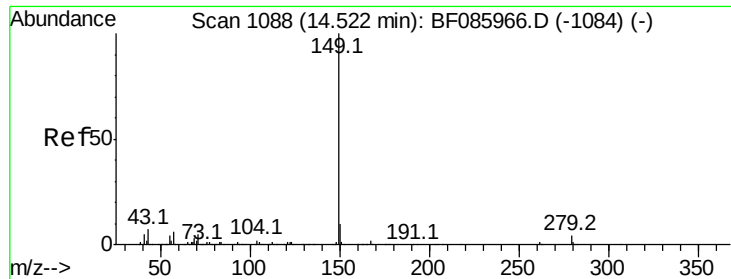
Delta R.T. 0.00 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion:	149	Resp:	523506
Ion Ratio		Lower	Upper
149	100		
167	27.4	19.4	29.2
279	5.1	1.5	2.3#





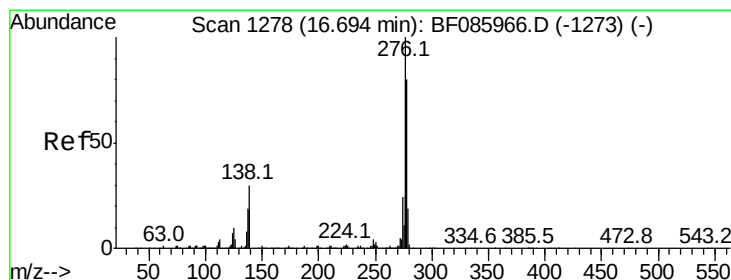
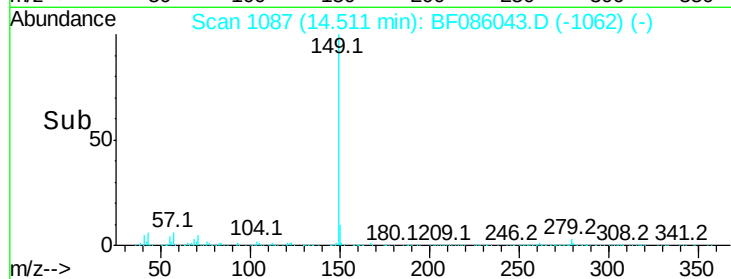
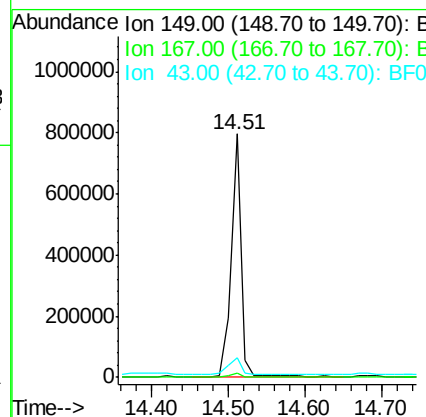
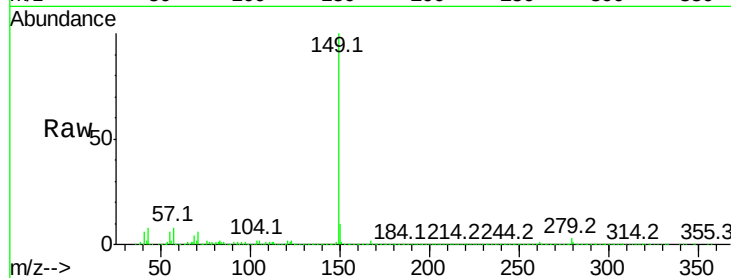
#84
Di-n-octyl phthalate
Concen: 52.04 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	721787		
167	1.5	1.2	1.8	
43	7.9	7.1	10.7	

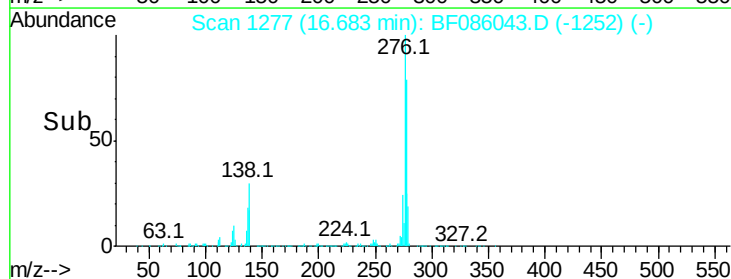
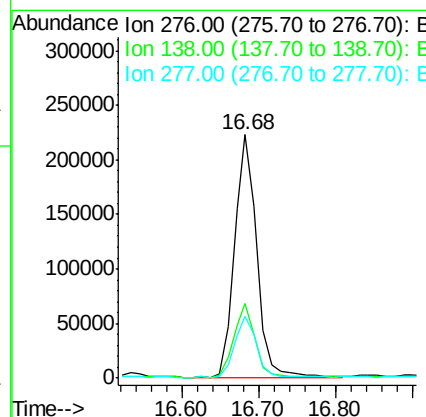
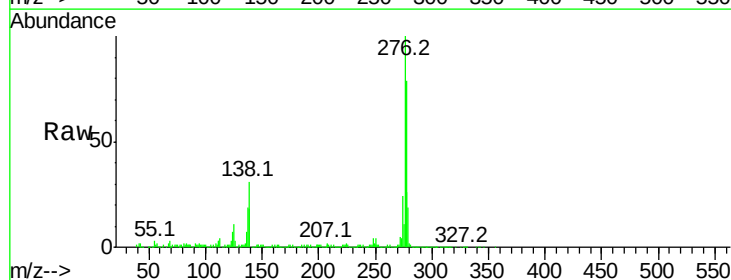
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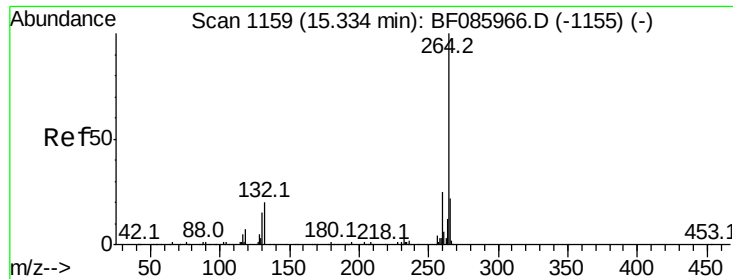
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 47.30 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	449351		
138	29.1	24.2	36.4	
277	25.0	20.0	30.0	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Instrument :

BNA_F

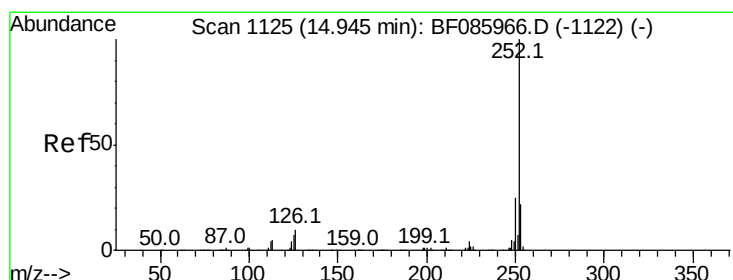
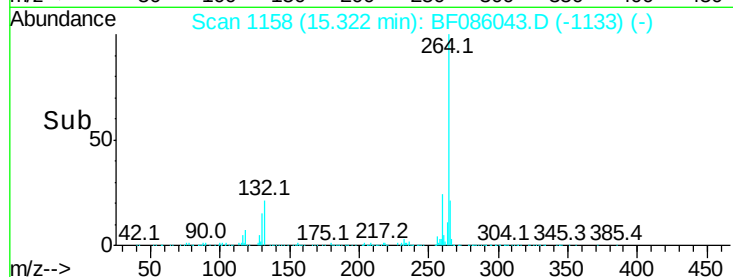
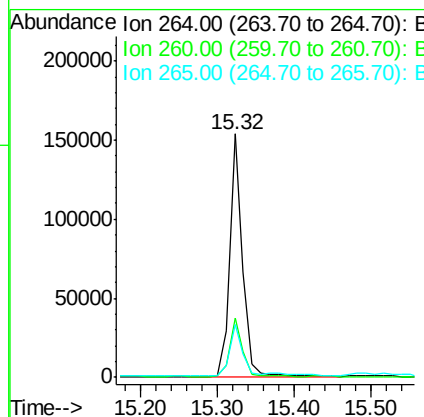
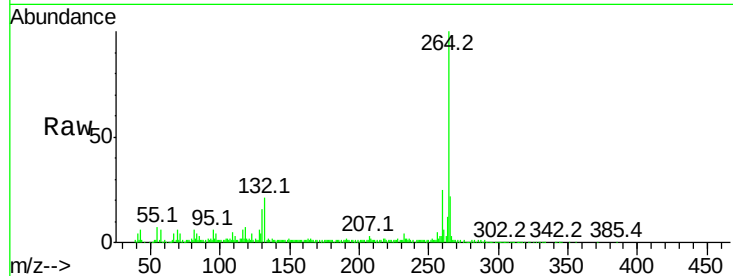
ClientSampleId :

TK2-1-20160401MS

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.6	19.4	29.2	
265	21.9	17.2	25.8	

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 56.64 ng m

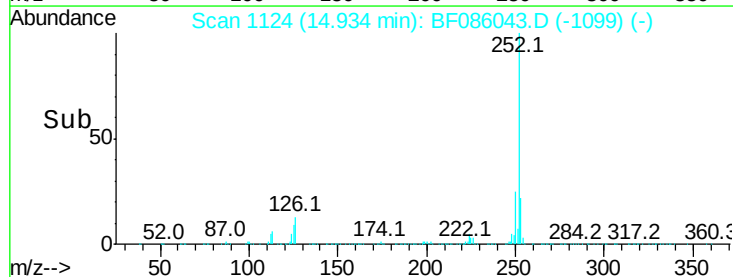
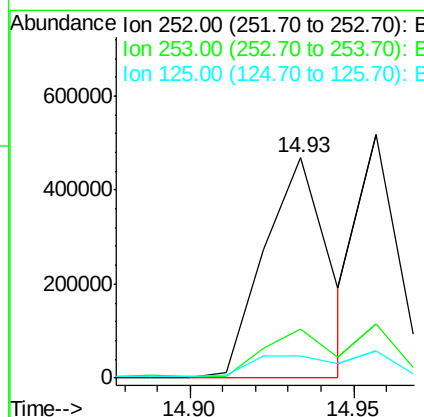
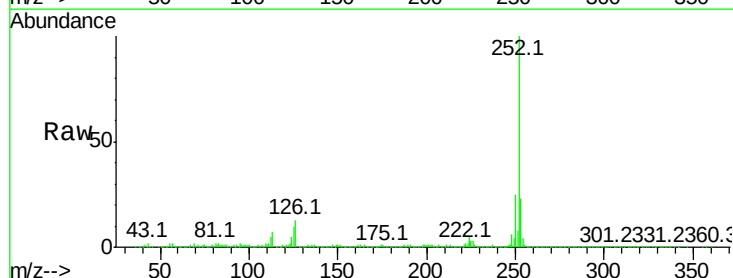
RT: 14.93 min Scan# 1124

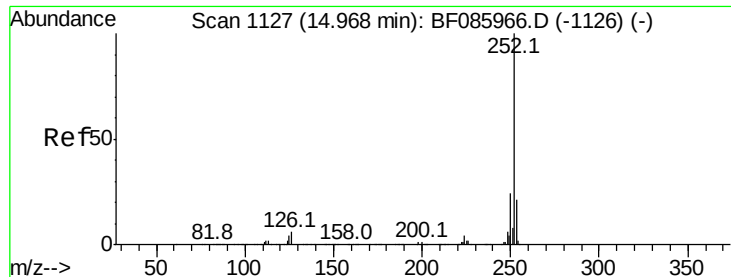
Delta R.T. -0.01 min

Lab File: BF086043.D

Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.6	26.4	
125	10.0	10.3	15.5	





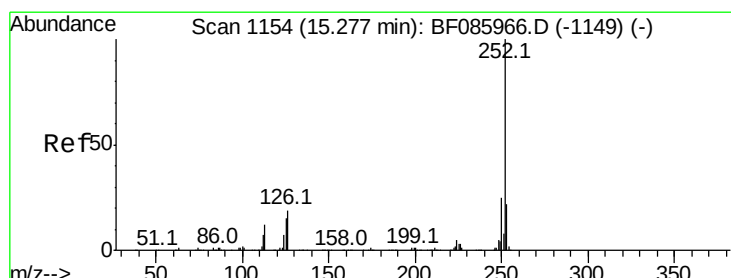
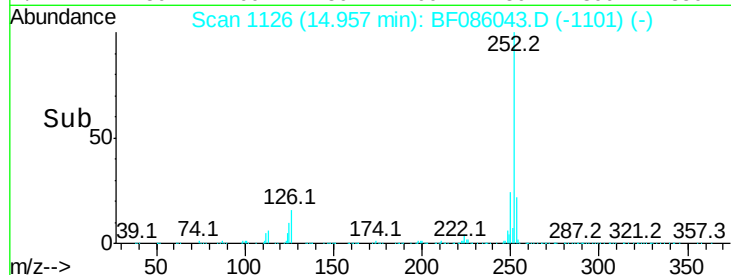
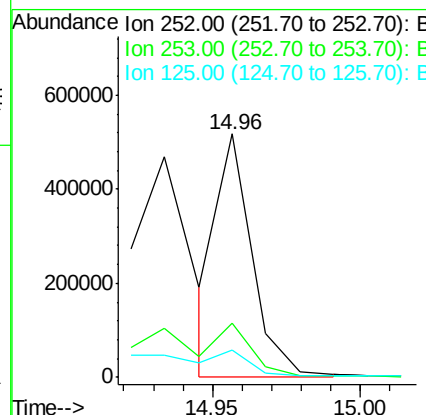
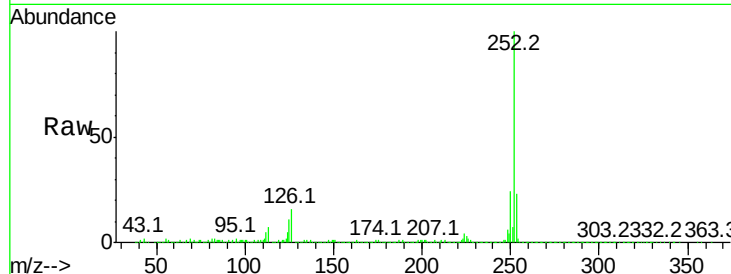
#88
Benzo(k)fluoranthene
Concen: 42.58 ng/ml
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.1	7.7	11.5

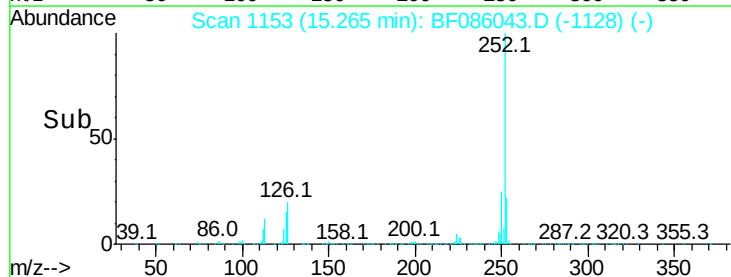
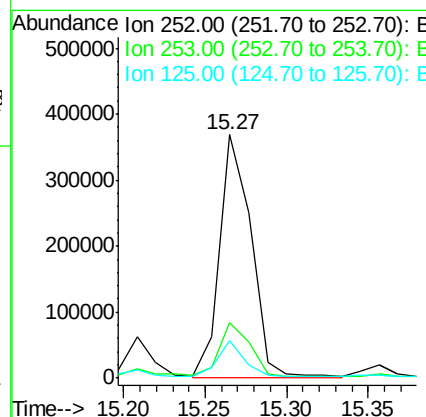
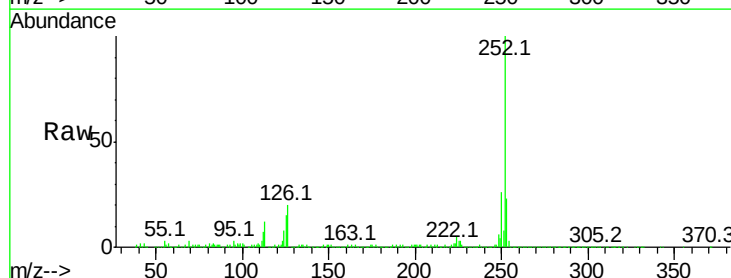
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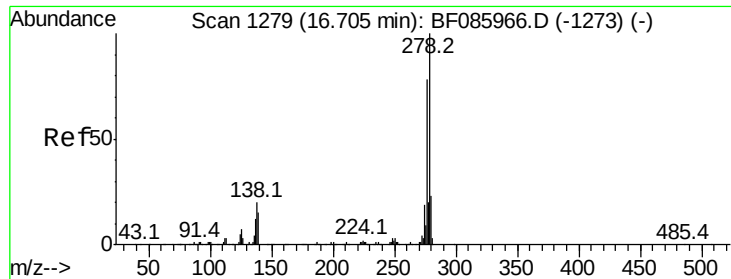
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#89
Benzo(a)pyrene
Concen: 48.16 ng/ml
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	15.5	10.3	15.5#





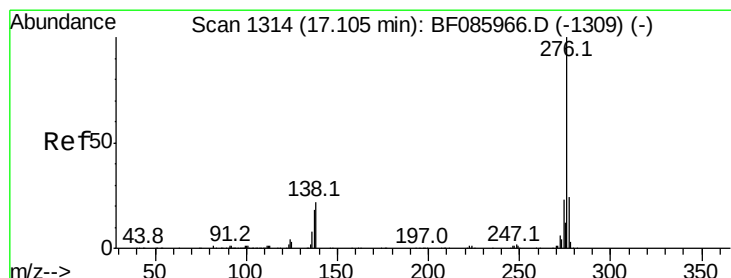
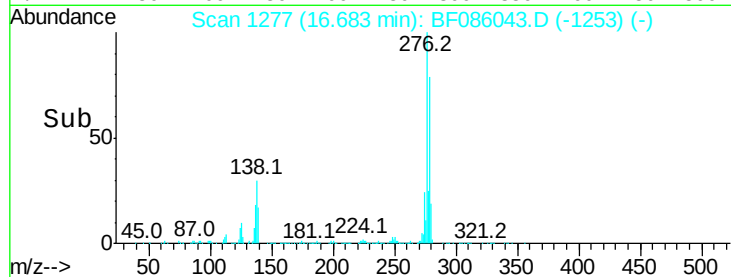
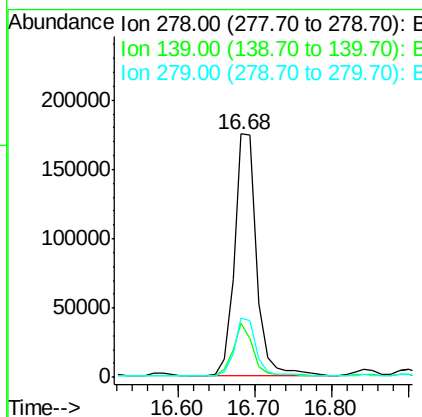
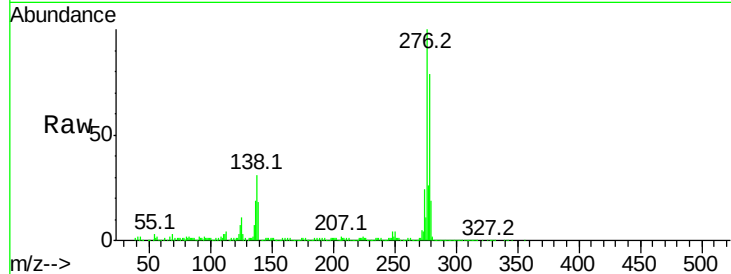
#90
Dibenzo(a,h)anthracene
Concen: 43.06 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.4	21.6#
279	24.4	19.1	28.7

Manual Integrations
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4/5/2016 6:39:04 PM



#91
Benzo(g,h,i)perylene
Concen: 47.55 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF086043.D
Acq: 4 Apr 2016 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	23.1	22.6	34.0

