

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087839.D
 Acq On : 9 Jun 2016 7:43
 Operator : UM/SJ
 Sample : H3405-02MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Manual Integrations
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Quant Time: Jun 09 08:36:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110042	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	428132	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	180015	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	276670	20.00	ng	0.00
75) Chrysene-d12	13.99	240	194547	20.00	ng	0.00
86) Perylene-d12	15.42	264	173119	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	942852	146.48	ng	0.00
7) Phenol-d6	6.47	99	1145767	146.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	670847	91.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	207495	109.16	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1091018	95.92	ng	-0.01
78) Terphenyl-d14	12.95	244	849017	99.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	106251	33.97	ng	# 33
3) Pyridine	3.19	79	314468	42.58	ng	96
4) n-Nitrosodimethylamine	3.11	42	146857	46.96	ng	94
6) Aniline	6.49	93	257577	23.20	ng	# 55
8) 2-Chlorophenol	6.62	128	346256	45.45	ng	90
9) Benzaldehyde	6.36	77	21015	3.58	ng	86
10) Phenol	6.48	94	300471	36.85	ng	# 69
11) bis(2-Chloroethyl)ether	6.57	93	312346	45.66	ng	88
12) 1,3-Dichlorobenzene	6.76	146	319796	39.12	ng	99
13) 1,4-Dichlorobenzene	6.84	146	339234	41.20	ng	99
14) 1,2-Dichlorobenzene	7.00	146	314489	41.99	ng	100
15) Benzyl Alcohol	6.97	79	238735	39.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	399030	43.18	ng	96
17) 2-Methylphenol	7.08	107	252590	40.88	ng	100
18) Hexachloroethane	7.34	117	100901	34.53	ng	# 81
19) n-Nitroso-di-n-propylamine	7.26	70	215505	43.18	ng	# 80
20) 3+4-Methylphenols	7.24	107	304593	42.25	ng	# 86
22) Acetophenone	7.24	105	407112	42.55	ng	# 90
24) Nitrobenzene	7.42	77	353520	49.78	ng	95
25) Isophorone	7.66	82	595414	43.84	ng	97
26) 2-Nitrophenol	7.72	139	150857	39.65	ng	97
27) 2,4-Dimethylphenol	7.77	122	254928	36.39	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	376631	44.71	ng	98
29) 2,4-Dichlorophenol	7.98	162	276320	47.25	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	264000	41.46	ng	99
31) Naphthalene	8.14	128	877153	41.40	ng	100
32) Benzoic acid	7.84	122	24258m	6.29	ng	
33) 4-Chloroaniline	8.18	127	150702	15.93	ng	98
34) Hexachlorobutadiene	8.25	225	135296	40.28	ng	97
35) Caprolactam	8.56	113	71953	37.14	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	240757	38.49	ng	98
37) 2-Methylnaphthalene	8.83	142	568103	40.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	230407	51.84	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	37496	12.91	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	161130	44.76	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	150378	40.15	nq #	85
45) 1,1'-Biphenyl	9.30	154	647471	48.39	nq	95
46) 2-Chloronaphthalene	9.32	162	492986	42.32	nq #	91
47) 2-Nitroaniline	9.42	65	161214	46.91	nq	88
48) Acenaphthylene	9.74	152	792656	42.78	nq	99
49) Dimethylphthalate	9.60	163	942750	72.30	nq	99
50) 2,6-Dinitrotoluene	9.66	165	119736	40.09	nq #	52
51) Acenaphthene	9.91	154	459578	39.76	nq	100
52) 3-Nitroaniline	9.83	138	124510	36.13	nq	87
53) 2,4-Dinitrophenol	9.93	184	12908	12.42	nq #	85
54) Dibenzofuran	10.08	168	674715	42.38	nq	94
55) 4-Nitrophenol	9.99	139	189984	71.03	nq	95
56) 2,4-Dinitrotoluene	10.06	165	150408	39.19	nq #	56
57) Fluorene	10.42	166	497558	46.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	111496	37.88	nq #	54
59) Diethylphthalate	10.31	149	594763	45.06	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	206319	38.97	nq	93
61) 4-Nitroaniline	10.44	138	130089	39.80	nq	90
62) Azobenzene	10.57	77	511524	39.19	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	18716	12.51	nq	82
65) n-Nitrosodiphenylamine	10.54	169	457420	49.83	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	125083	42.14	nq #	84
67) Hexachlorobenzene	10.97	284	143789	46.62	nq #	76
68) Atrazine	11.06	200	110691	39.82	nq	92
69) Pentachlorophenol	11.16	266	149240	91.80	nq	100
70) Phenanthrene	11.38	178	666664	45.92	nq	99
71) Anthracene	11.43	178	593883	40.55	nq	99
72) Carbazole	11.59	167	626628	45.73	nq	99
73) Di-n-butylphthalate	11.93	149	788962	45.48	nq #	97
74) Fluoranthene	12.56	202	625979	40.86	nq	96
76) Benzidine	12.69	184	150796	27.99	nq	99
77) Pyrene	12.79	202	622045	43.09	nq	99
79) Butylbenzylphthalate	13.42	149	306689	48.05	nq #	81
80) Benzo(a)anthracene	13.98	228	535452	48.30	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	143410	48.10	nq #	95
82) Chrysene	14.02	228	545256	52.28	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	420401	54.11	nq #	97
84) Di-n-octyl phthalate	14.59	149	727339	57.61	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	413661	42.69	nq #	100
87) Benzo(b)fluoranthene	15.01	252	450286m	37.32	nq	
88) Benzo(k)fluoranthene	15.04	252	460655m	50.61	nq	
89) Benzo(a)pyrene	15.36	252	413390	42.35	nq #	94
90) Dibenzo(a,h)anthracene	16.82	278	345960	38.16	nq	99
91) Benzo(g,h,i)perylene	17.22	276	339338	36.38	nq	98

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

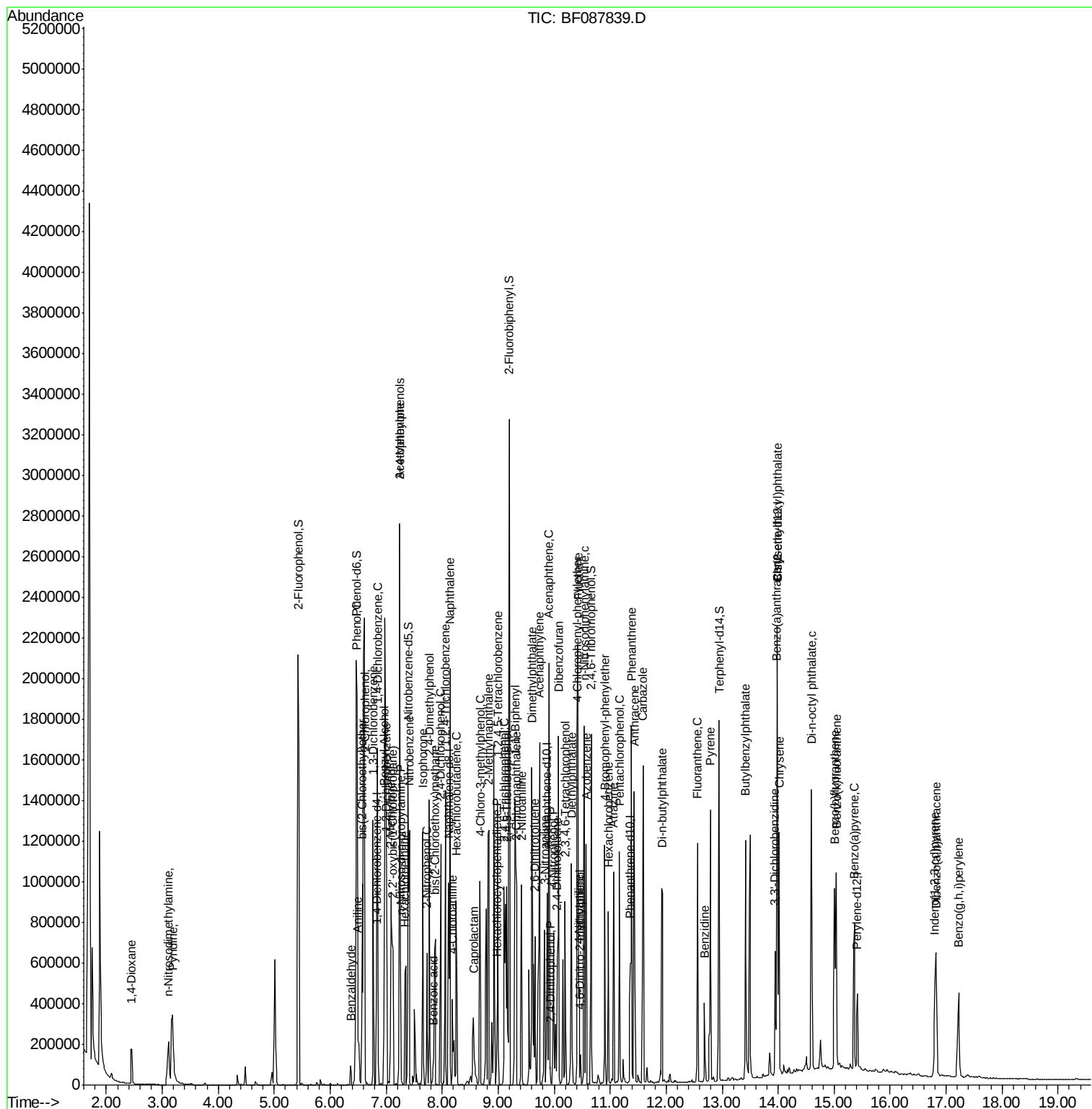
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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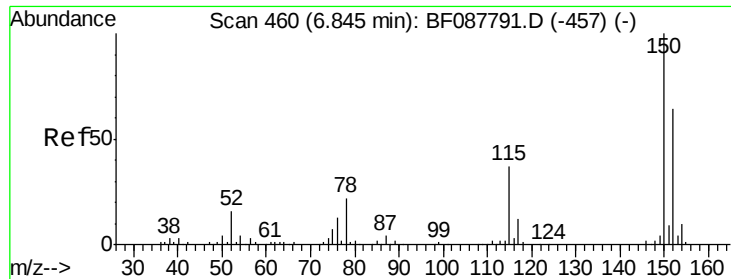
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#1

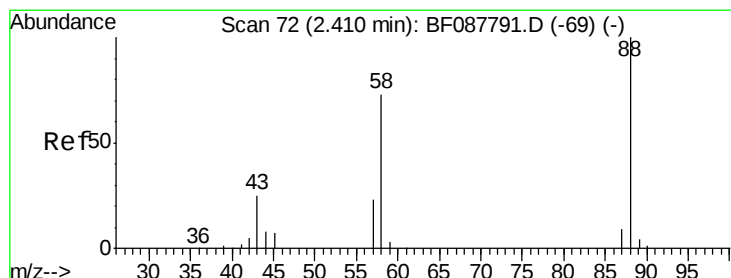
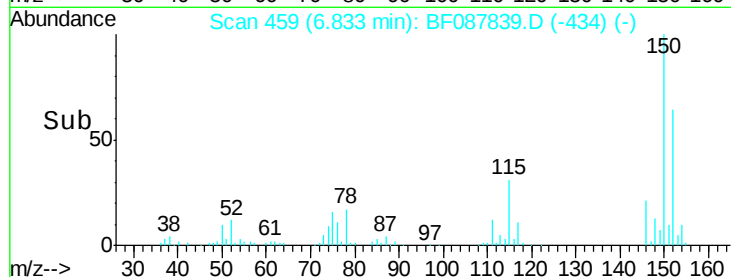
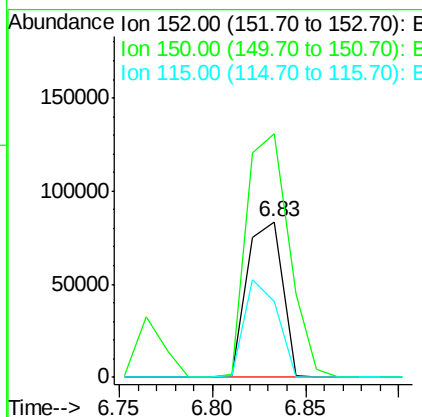
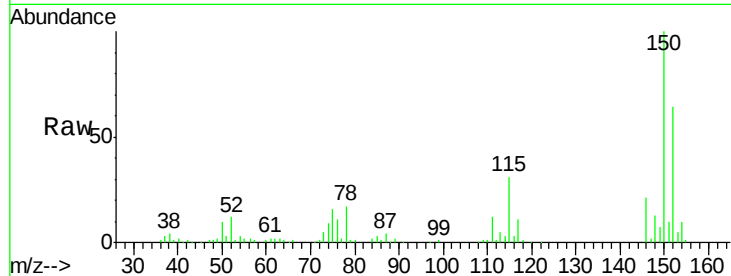
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	49.1	39.6	59.4

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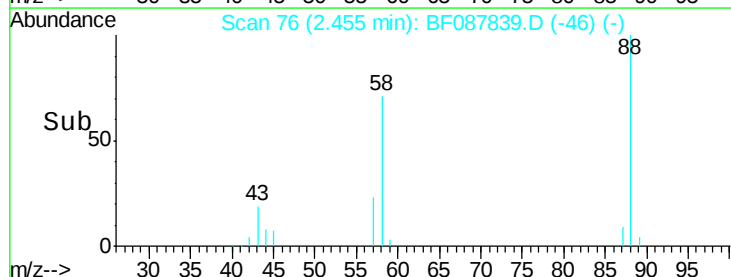
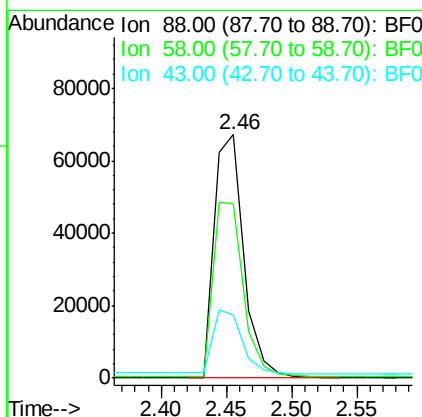
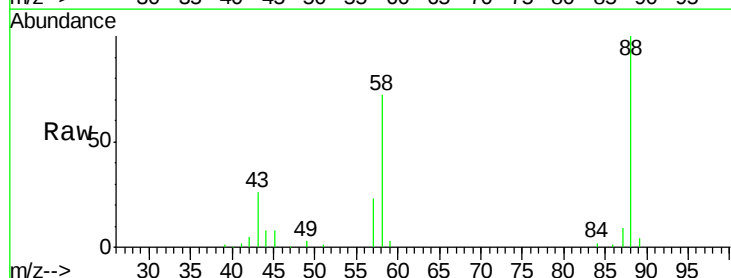
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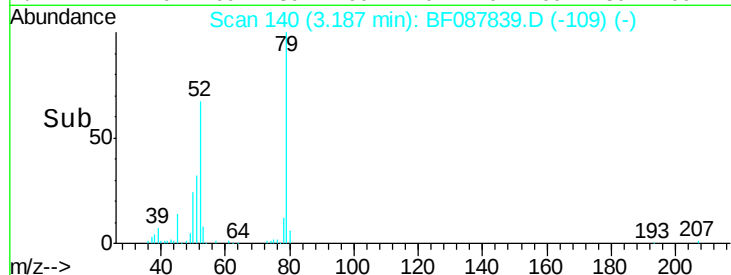
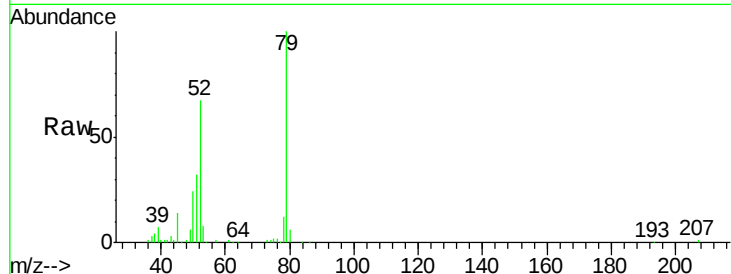
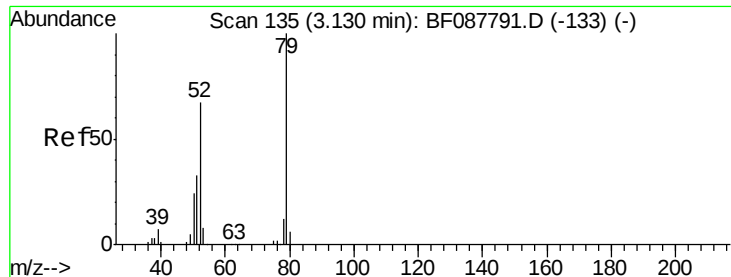


#2

1,4-Dioxane
Concen: 33.97 ng
RT: 2.46 min Scan# 76
Delta R.T. 0.05 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	0.0	0.0#
43	26.2	3.4	5.2#





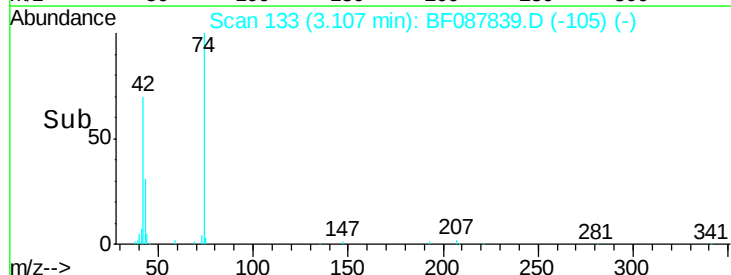
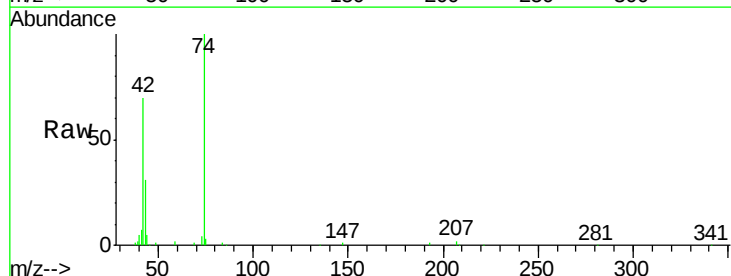
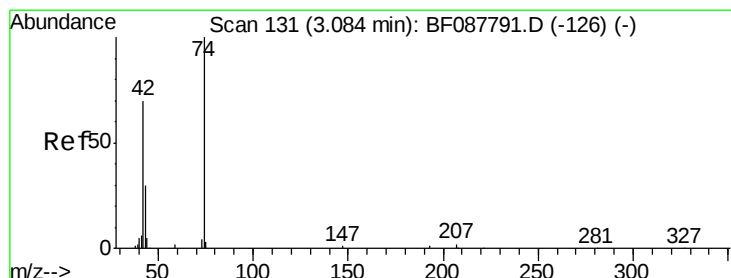
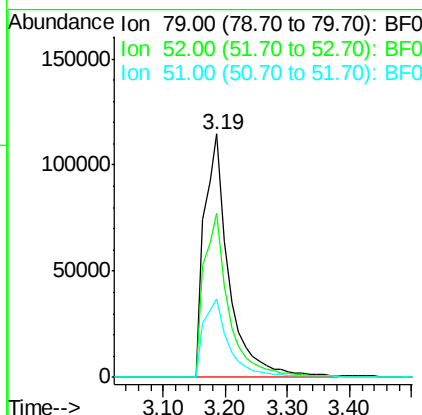
#3
 Pvridine
 Concen: 42.58 ng
 RT: 3.19 min Scan# 140
 Delta R.T. 0.06 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	314468		
52	52	67.4	56.3	84.5	
51	51	32.4	27.4	41.2	

Instrument :
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 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

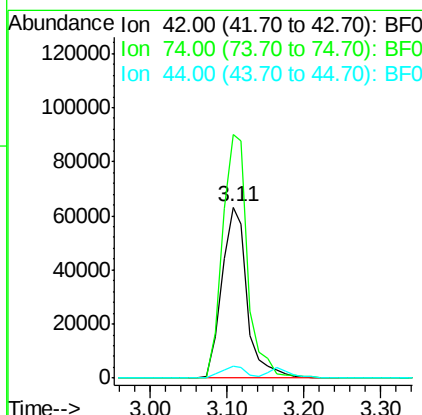
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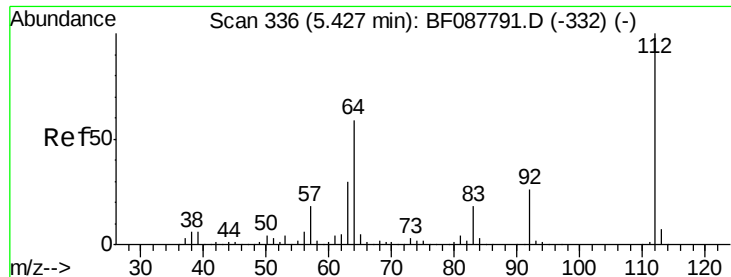
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#4
 n-Nitrosodimethylamine
 Concen: 46.96 ng
 RT: 3.11 min Scan# 133
 Delta R.T. 0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	146857		
74	74	142.7	108.6	163.0	
44	44	7.1	5.5	8.3	





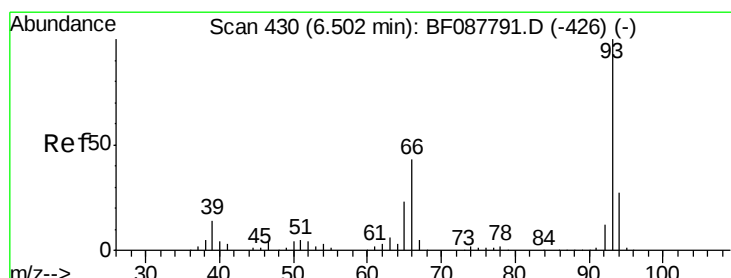
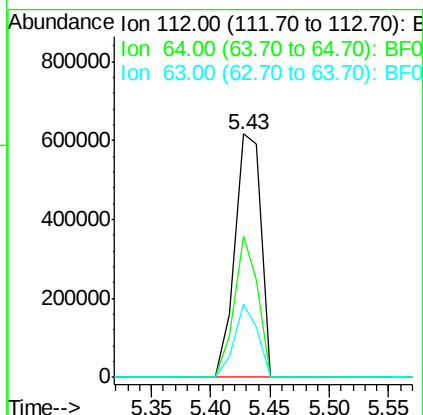
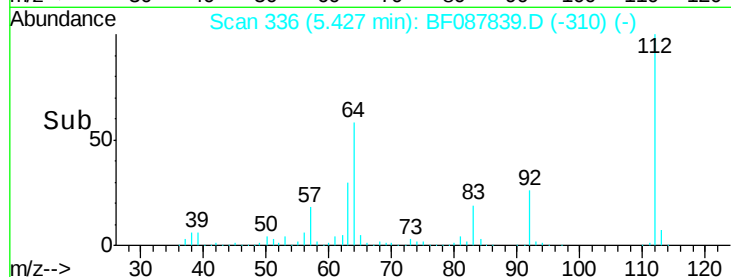
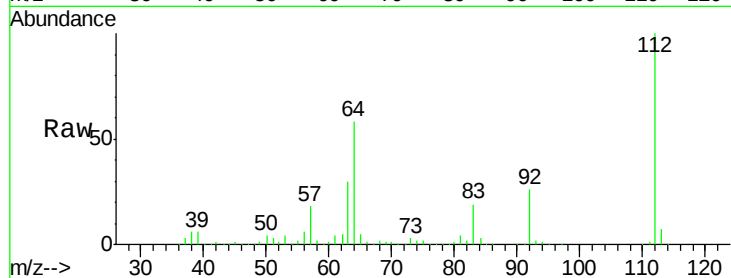
#5
2-Fluorophenol
Concen: 146.48 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.8	42.2	63.2
63	30.2	21.8	32.8

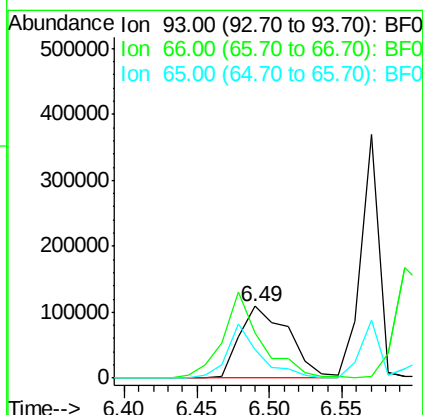
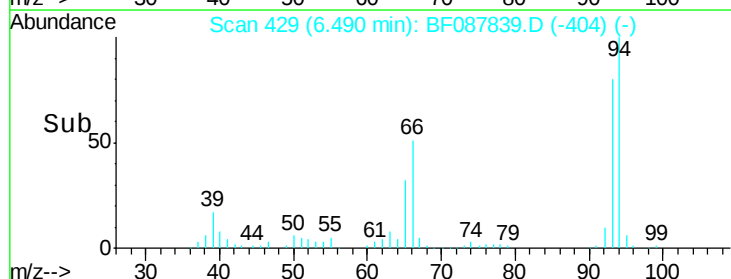
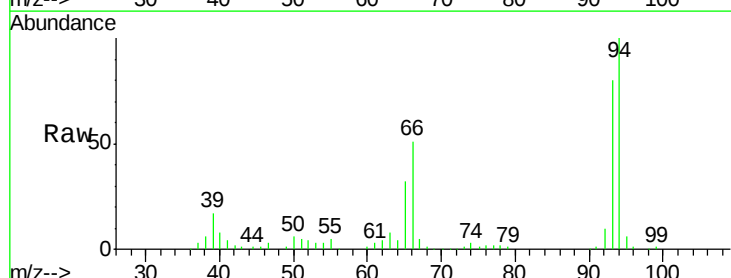
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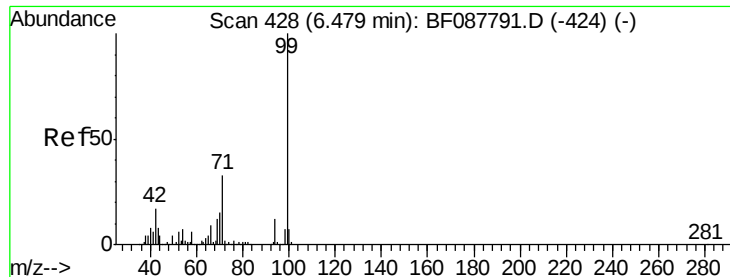
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#6
Aniline
Concen: 23.20 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	63.2	29.8	44.8#
65	39.8	14.9	22.3#





#7

Phenol-d6

Concen: 146.87 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087839.D

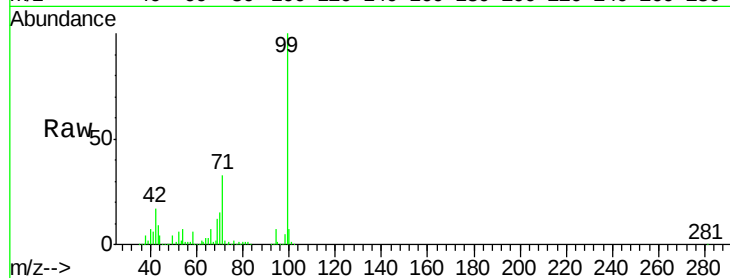
Acq: 9 Jun 2016 7:43

Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 1145767

Ion Ratio Lower Upper

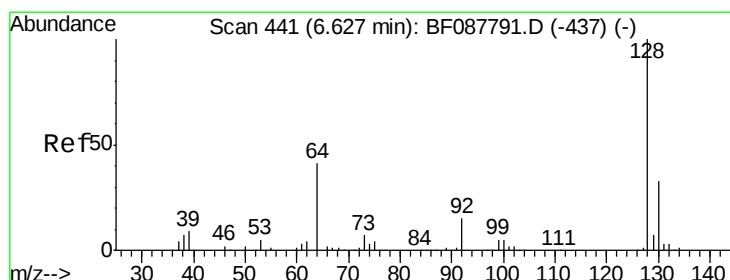
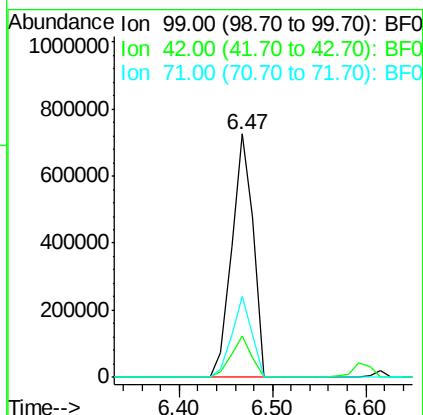
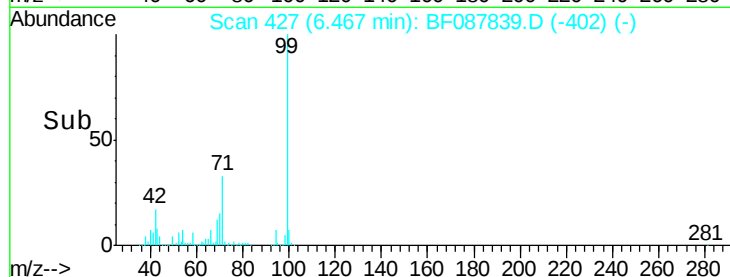
99 100

42 17.2 12.2 18.2

71 33.4 23.4 35.0

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#8

2-Chlorophenol

Concen: 45.45 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

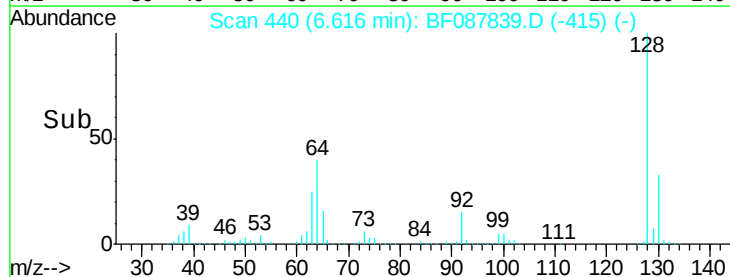
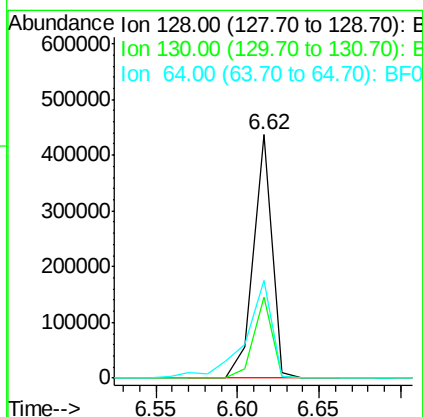
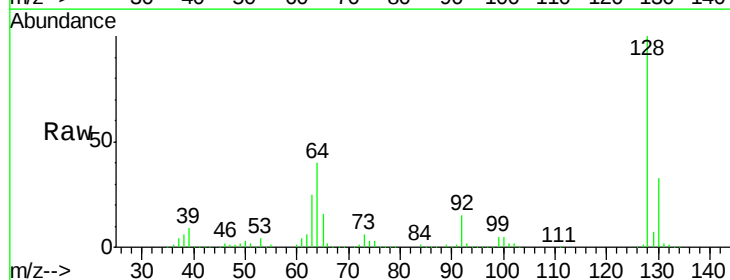
Tgt Ion: 128 Resp: 346256

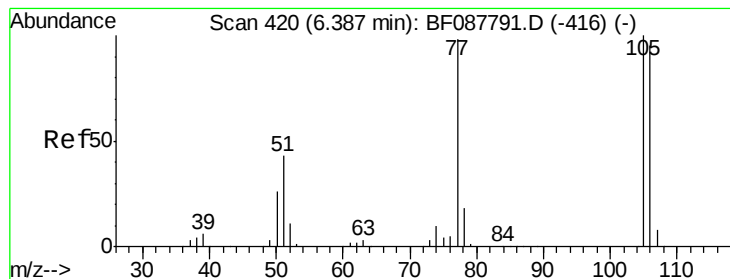
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 40.1 30.8 70.8





#9

Benzaldehyde

Concen: 3.58 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF087839.D

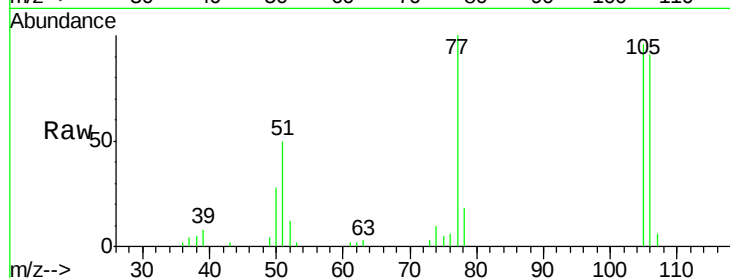
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ClientSampleId :

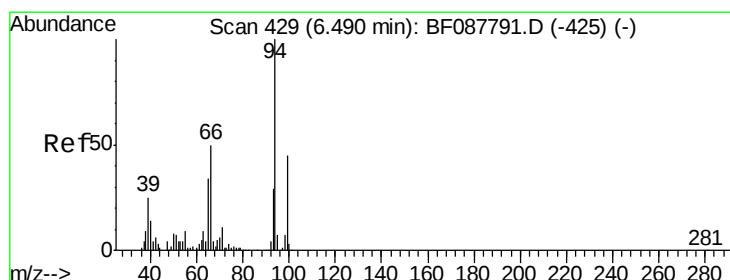
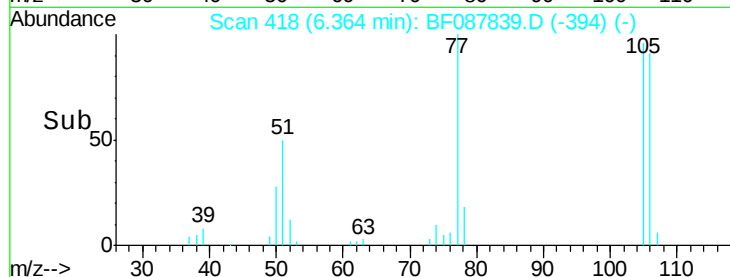
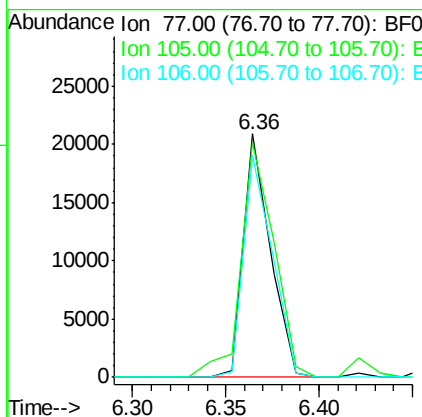
SB-13-COMP-0.5-11.0MSD



Tot Ion	77	Resp	21015
Ion	Ratio	Lower	Upper
77	100		
105	96.2	90.6	130.6
106	91.2	85.3	125.3

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#10

Phenol

Concen: 36.85 ng

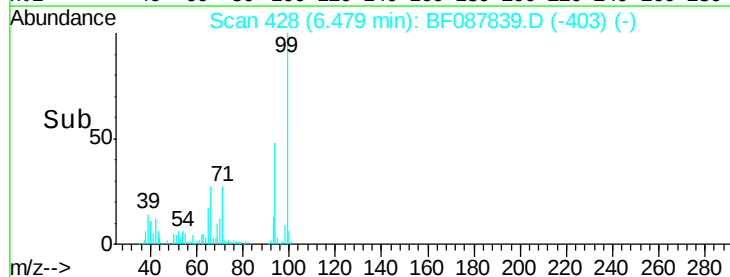
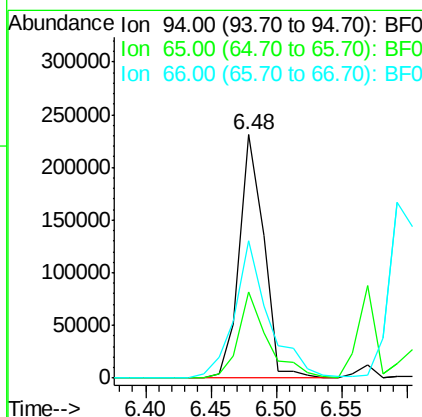
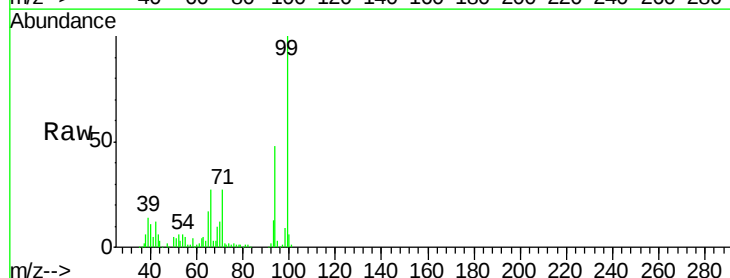
RT: 6.48 min Scan# 428

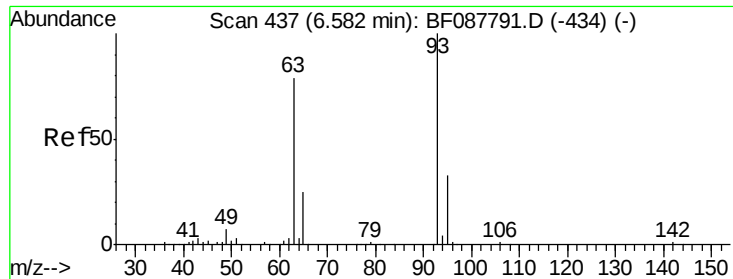
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion	94	Resp	300471
Ion	Ratio	Lower	Upper
94	100		
65	35.6	5.9	45.9
66	56.7	14.0	54.0#





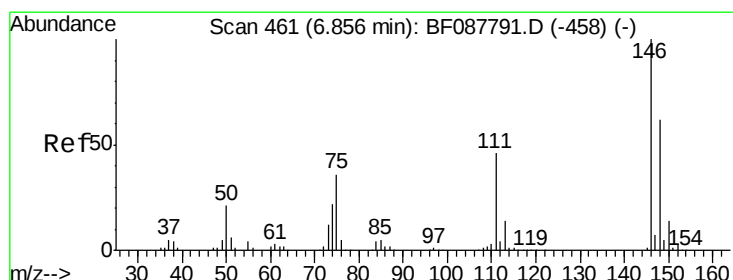
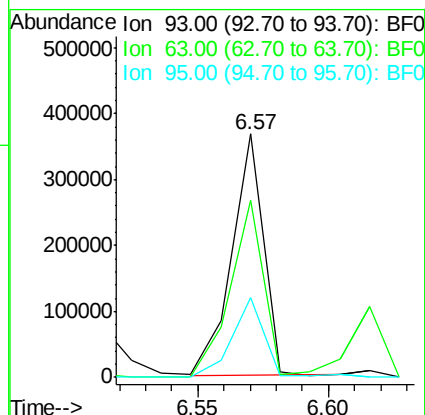
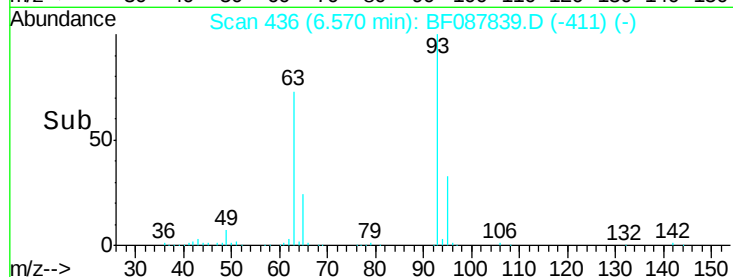
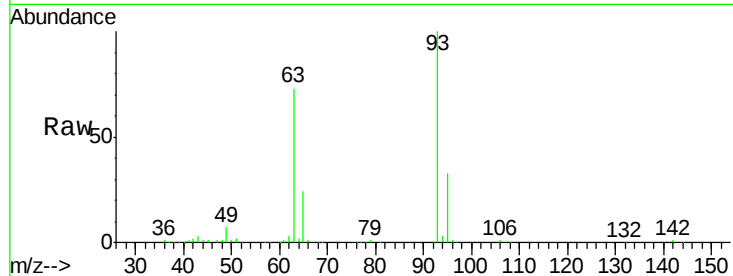
#11
bis(2-Chloroethyl)ether
Concen: 45.66 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		312346		
63	72.9	67.6	107.6		
95	32.7	12.5	52.5		

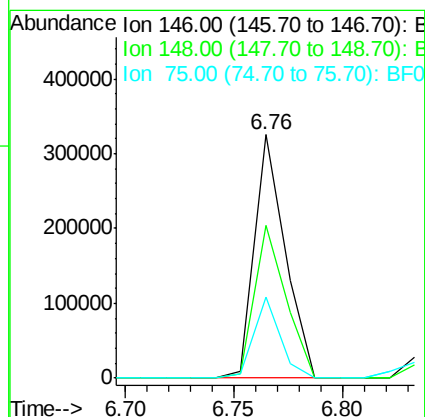
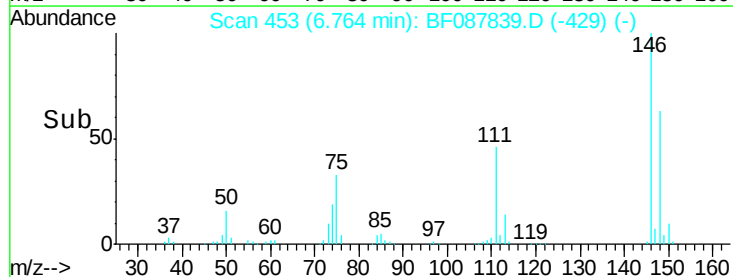
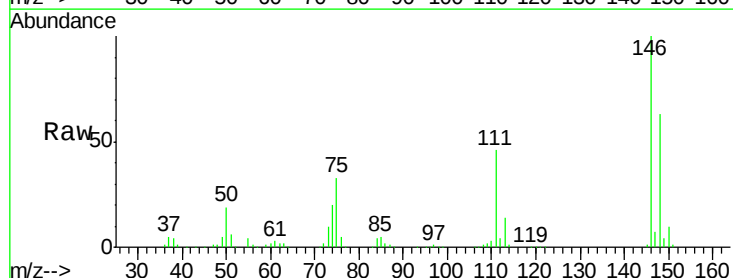
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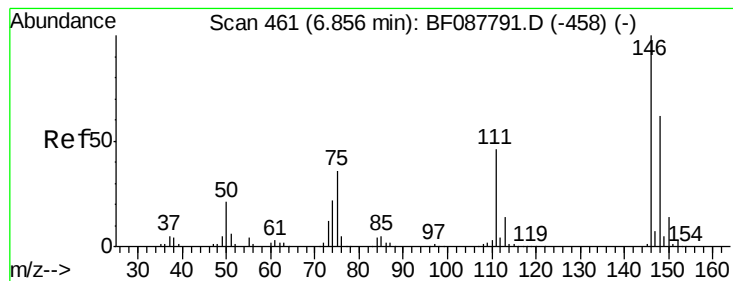
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#12
1,3-Dichlorobenzene
Concen: 39.12 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		319796		
148	62.8	50.9	76.3		
75	33.2	25.6	38.4		





#13

1,4-Dichlorobenzene

Concen: 41.20 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

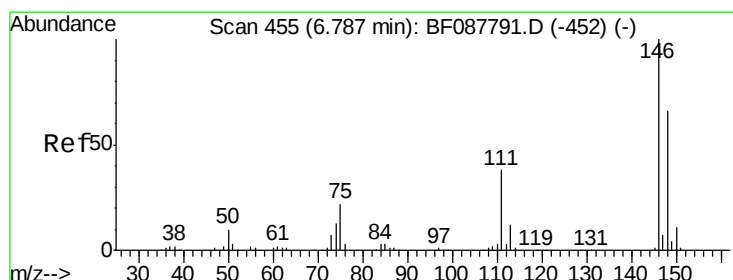
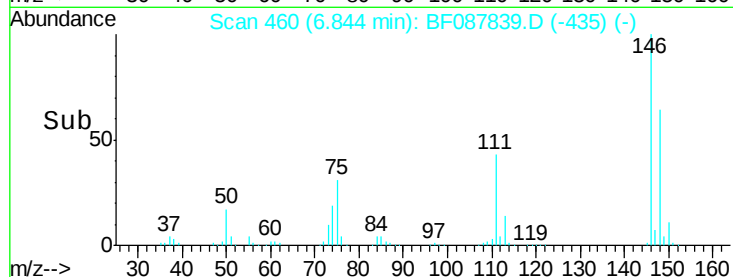
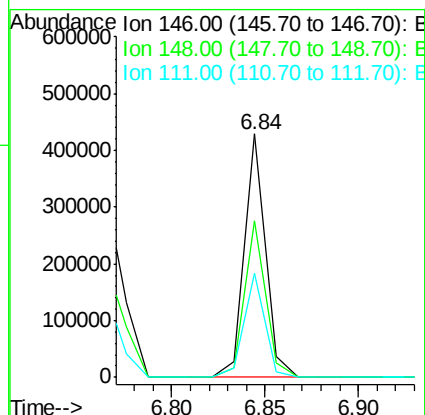
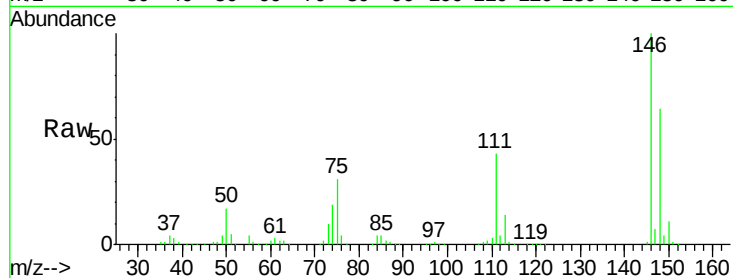
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	146	Resp:	339234
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.0	78.0
111	42.5	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 41.99 ng

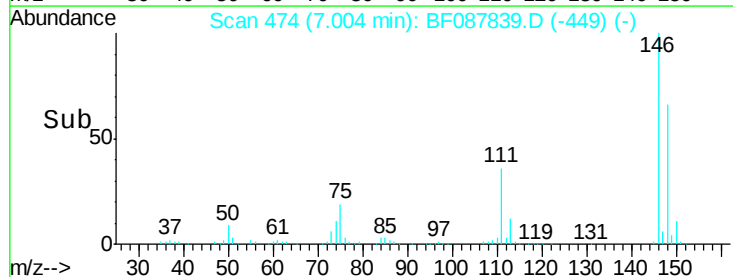
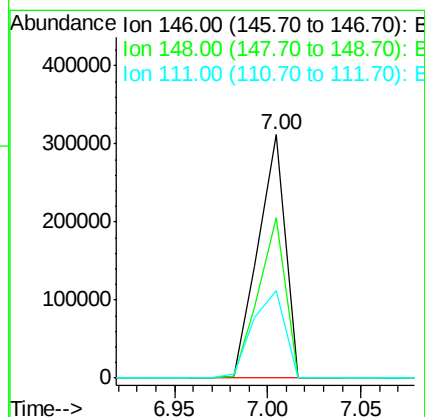
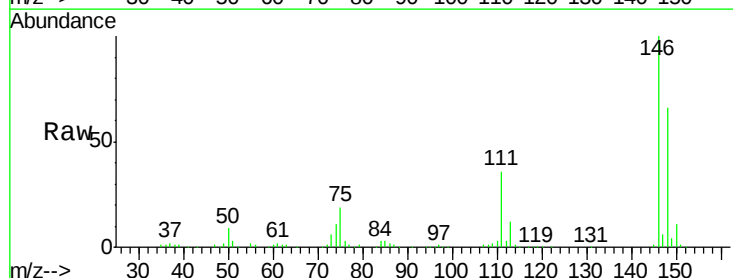
RT: 7.00 min Scan# 474

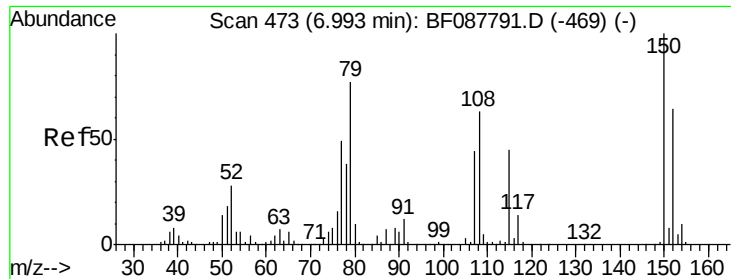
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	146	Resp:	314489
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.3	78.5
111	35.8	28.7	43.1





#15

Benzyl Alcohol

Concen: 39.12 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

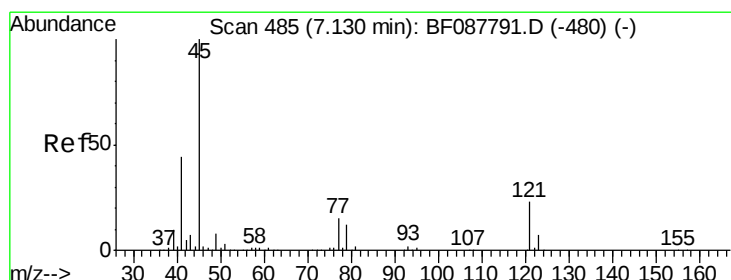
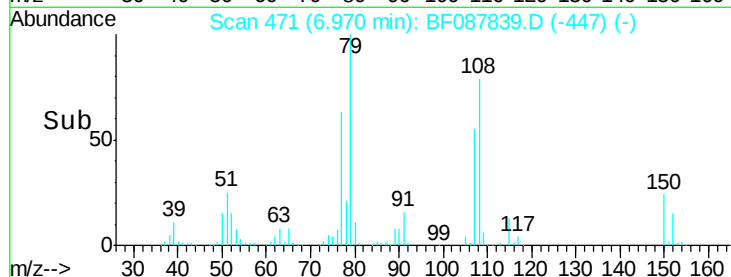
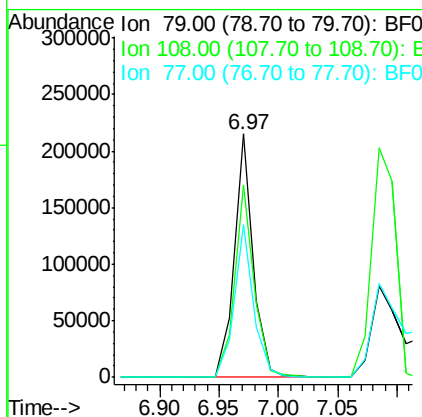
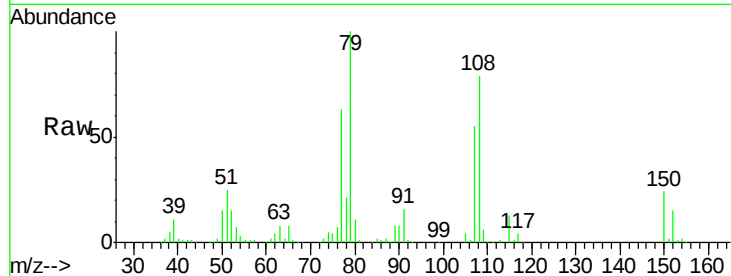
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	79	Resp:	238735
Ion Ratio	Lower	Upper	
79	100		
108	79.2	65.0	97.6
77	62.5	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.18 ng

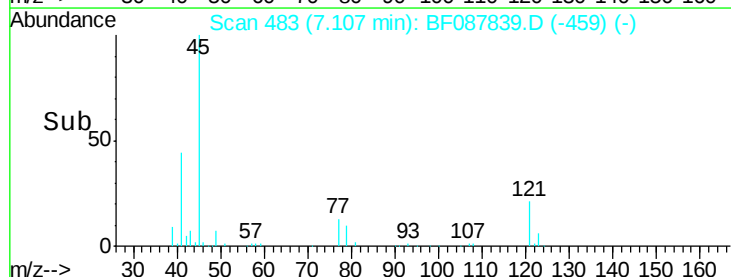
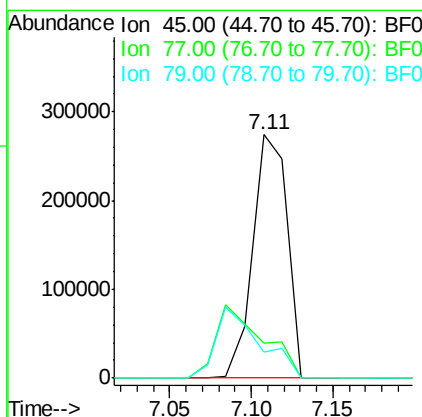
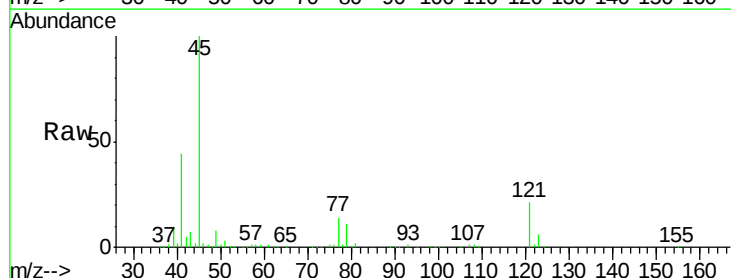
RT: 7.11 min Scan# 483

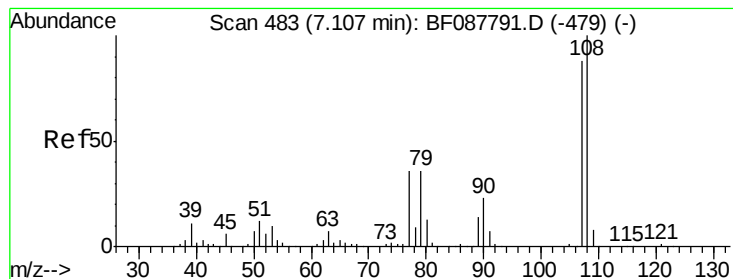
Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	45	Resp:	399030
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	32.5
79	10.8	0.0	29.5





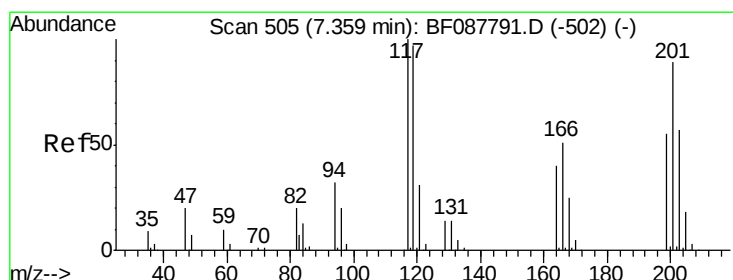
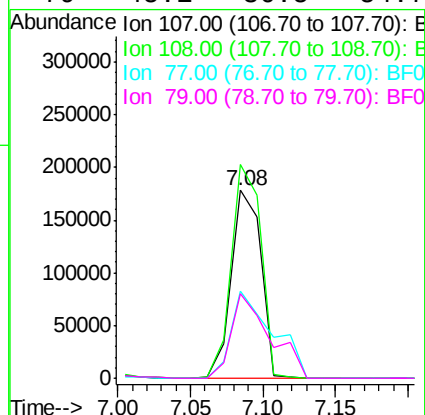
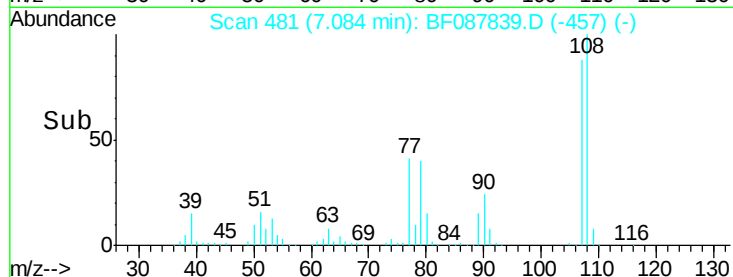
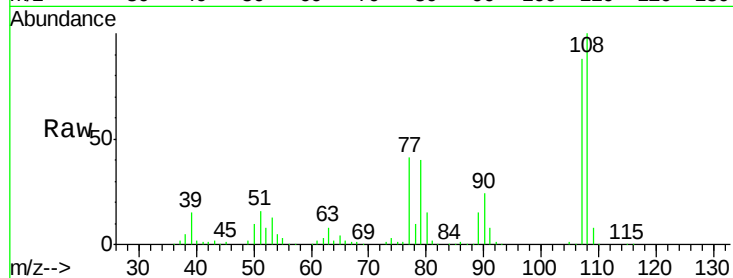
#17
2-Methylphenol
Concen: 40.88 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	90.9	136.3	
77	46.3	36.6	55.0	
79	45.1	36.5	54.7	

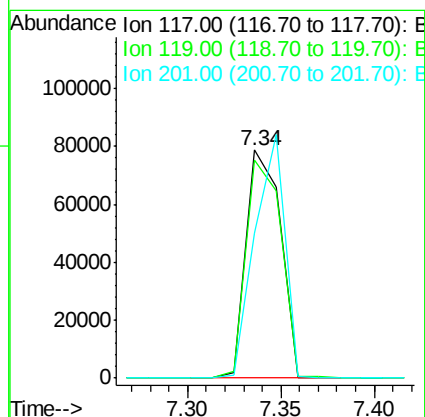
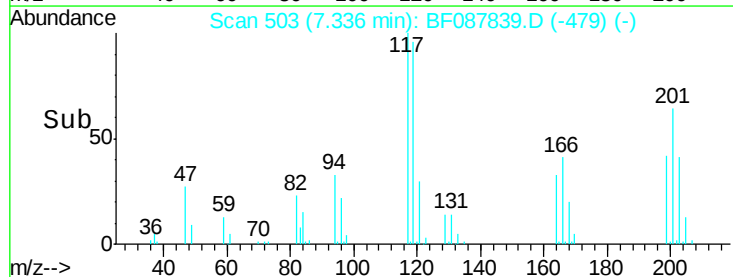
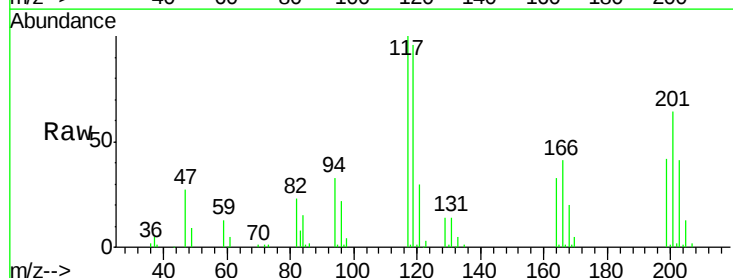
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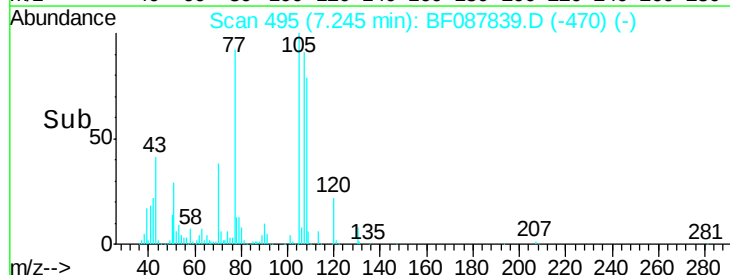
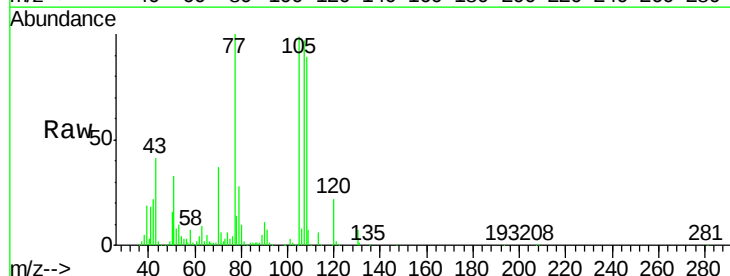
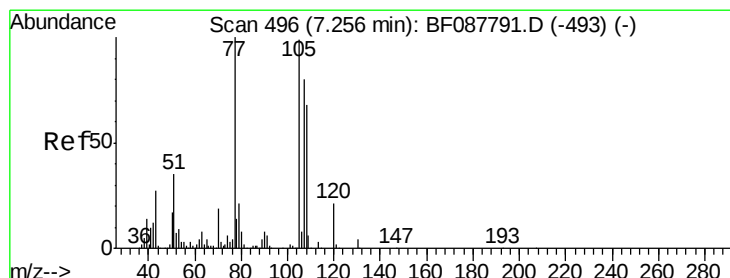
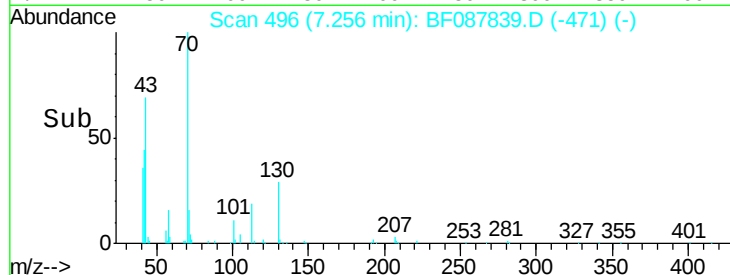
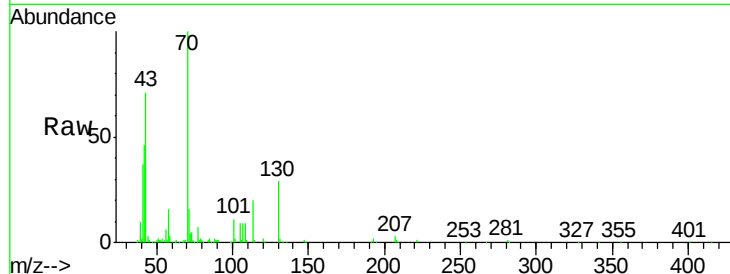
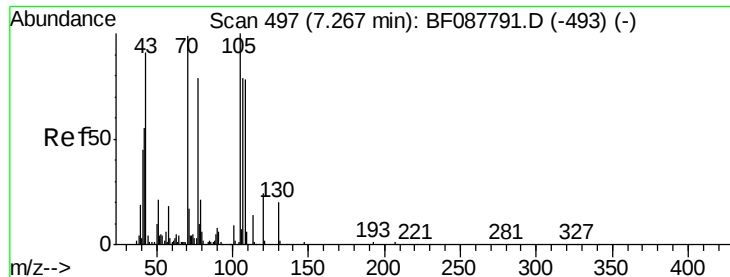
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#18
Hexachloroethane
Concen: 34.53 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.2	
201	63.8	80.4	120.6	





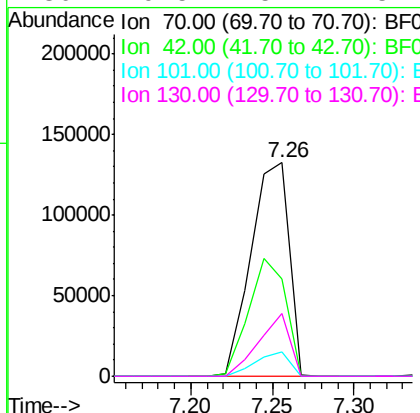
#19
n-Nitroso-di-n-propylamine
Concen: 43.18 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.6	74.4#
101	11.3	7.1	10.7#
130	29.5	15.4	23.2#

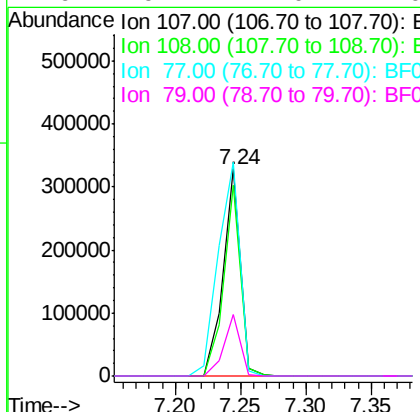
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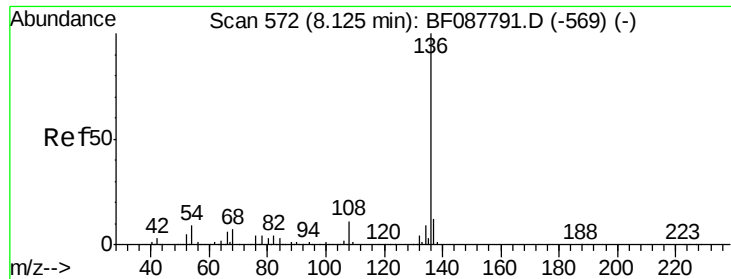
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#20
3+4-Methylphenols
Concen: 42.25 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.8	107.8
77	103.2	59.3	99.3#
79	29.4	7.0	47.0





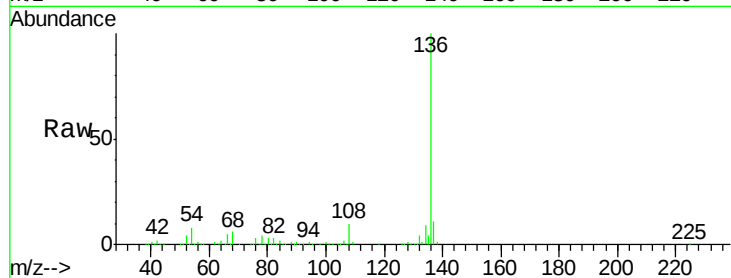
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

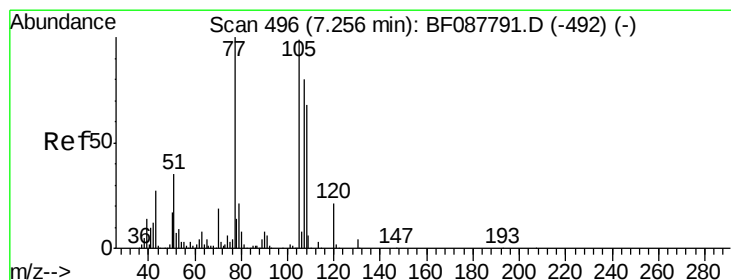
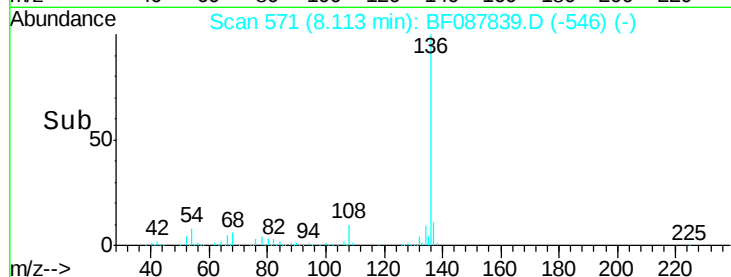
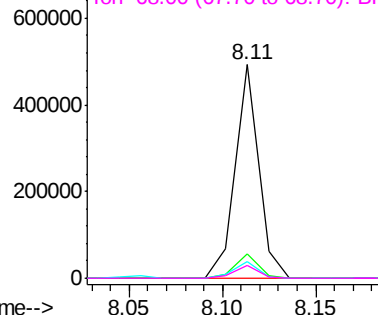
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		428132		
137	11.2		9.1	13.7	
54	7.8		6.6	10.0	
68	6.2		5.1	7.7	

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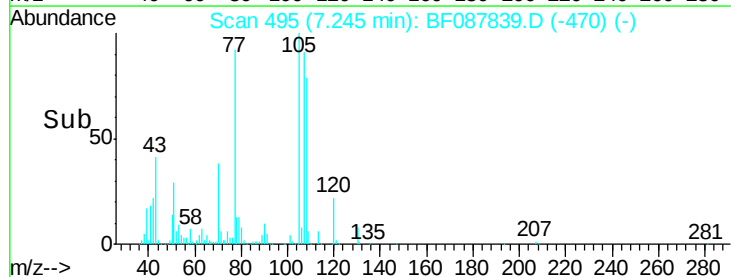
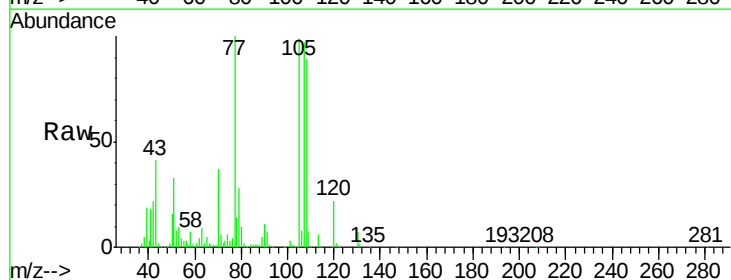
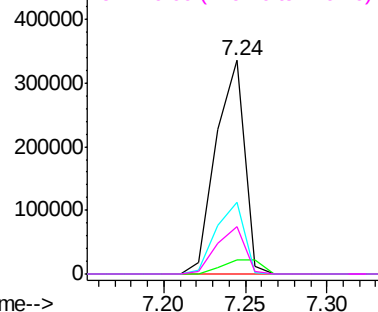
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

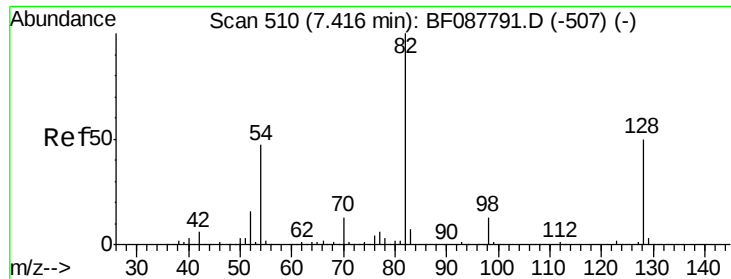


#22
Acetophenone
Concen: 42.55 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		407112		
71	6.5		5.3	7.9	
51	33.4		18.2	27.4	
120	22.3		18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





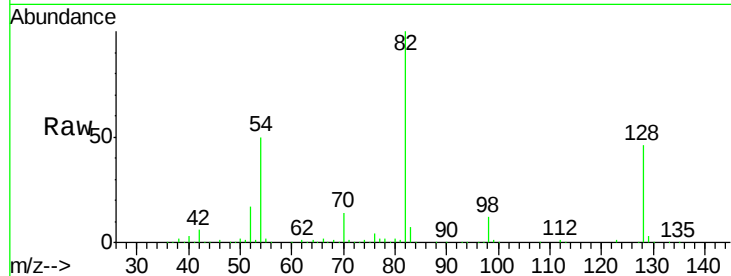
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

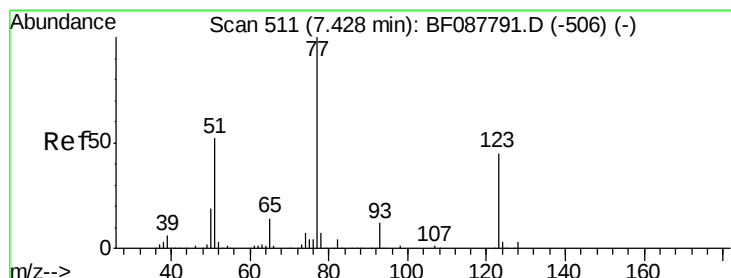
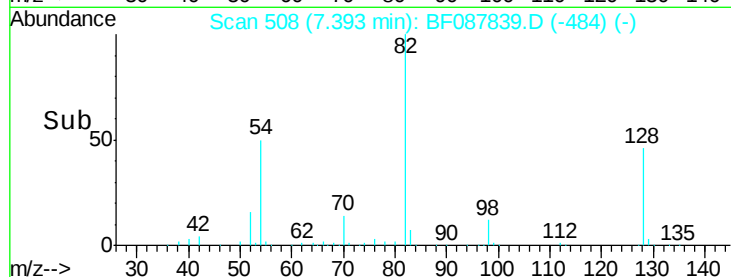
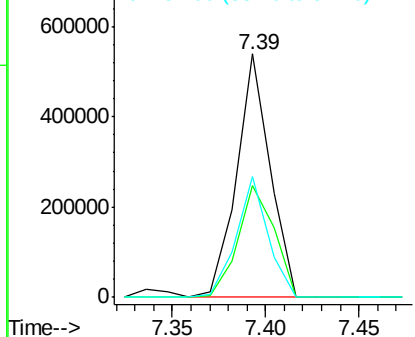
Tot Ion	82	Resp	670847
Ion Ratio	100	Lower	Upper
82	100		
128	45.8	35.9	53.9
54	49.5	40.9	61.3

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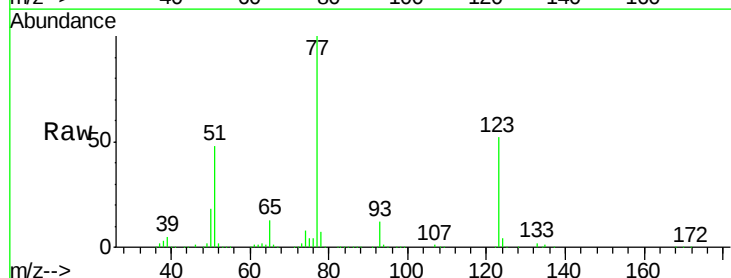


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

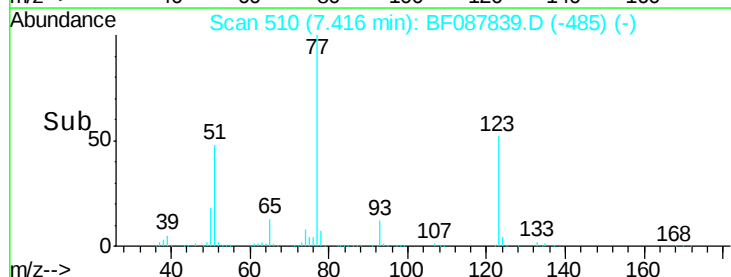
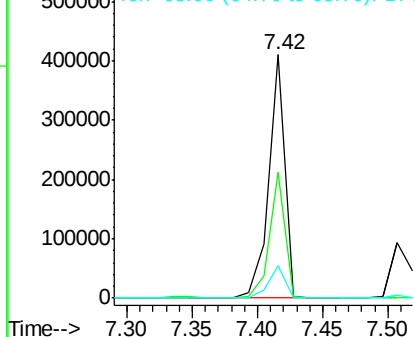


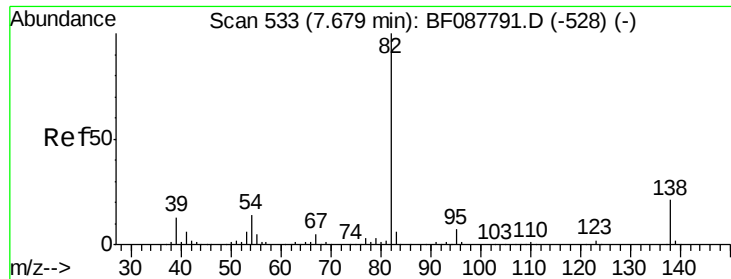
#24
 Nitrobenzene
 Concen: 49.78 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	77	Resp	353520
Ion Ratio	100	Lower	Upper
77	100		
123	51.7	45.0	67.4
65	13.2	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.84 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

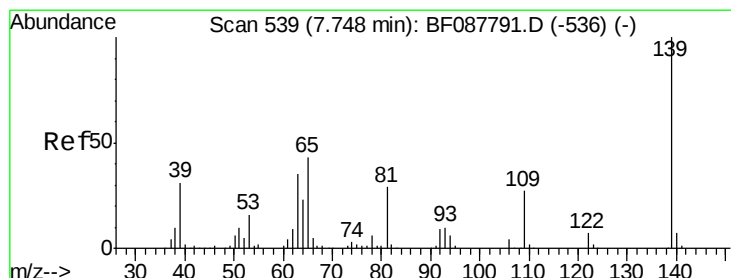
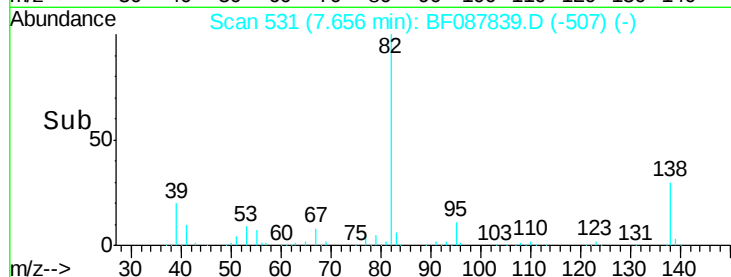
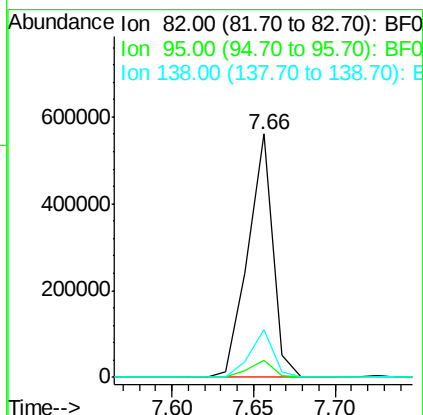
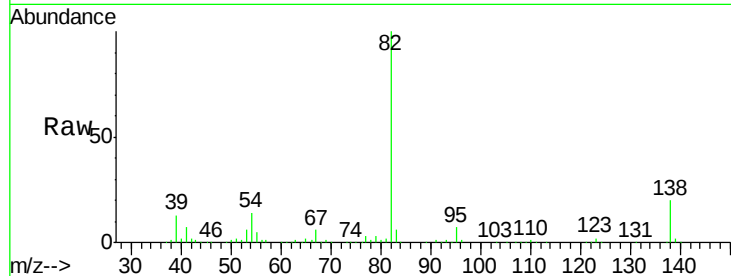
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	82	Resp:	595414
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	19.8	14.6	21.8

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#26

2-Nitrophenol

Concen: 39.65 ng

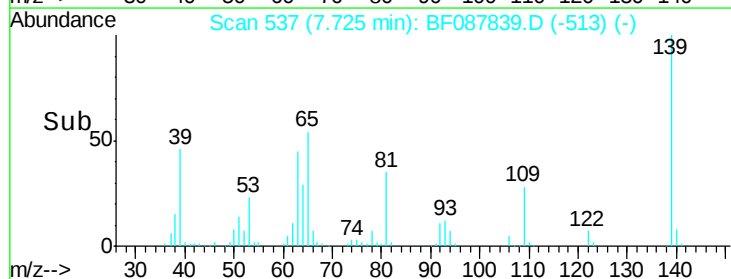
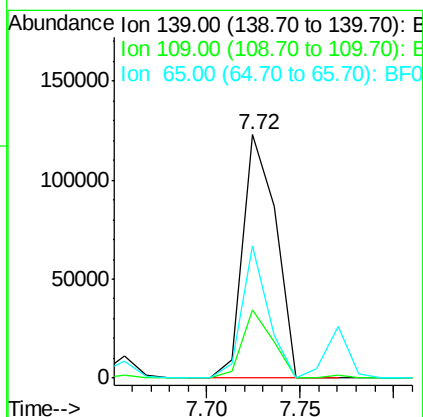
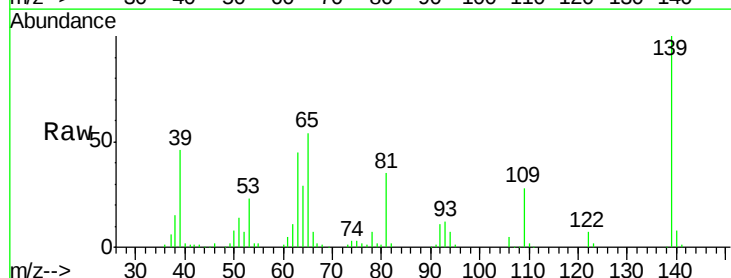
RT: 7.72 min Scan# 537

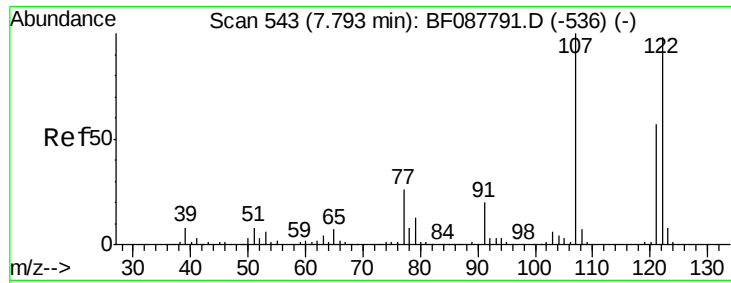
Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	139	Resp:	150857
Ion Ratio		Lower	Upper
139	100		
109	28.0	23.0	34.4
65	54.4	45.8	68.8





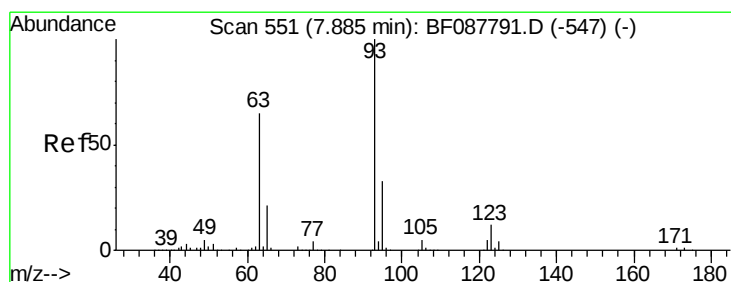
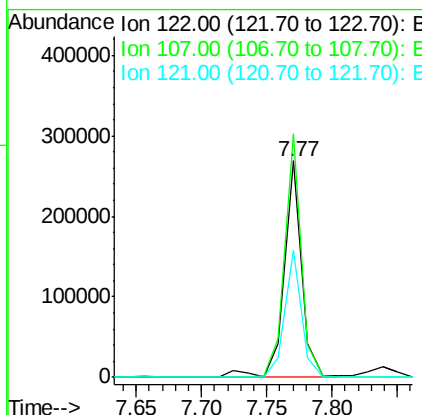
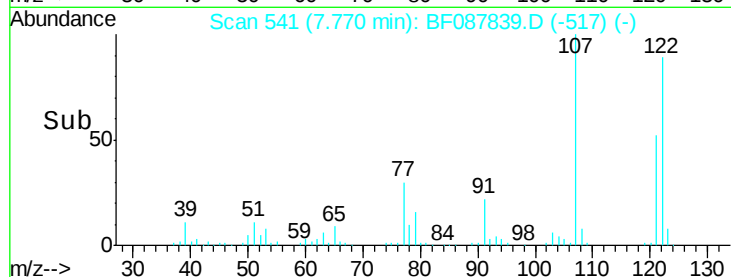
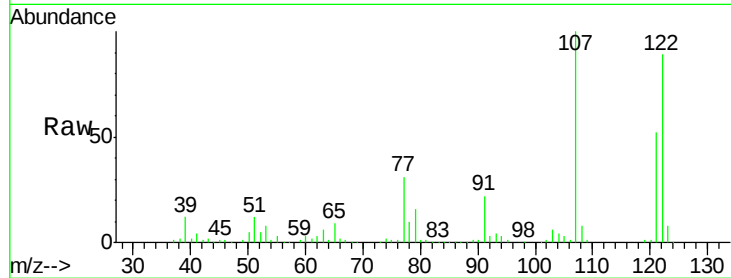
#27
2,4-Dimethylphenol
Concen: 36.39 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254928		
107	112.4	82.4	123.6	
121	58.4	46.3	69.5	

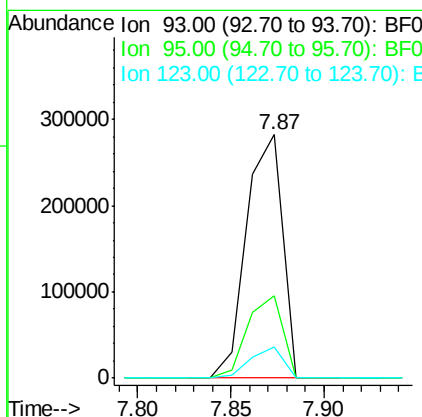
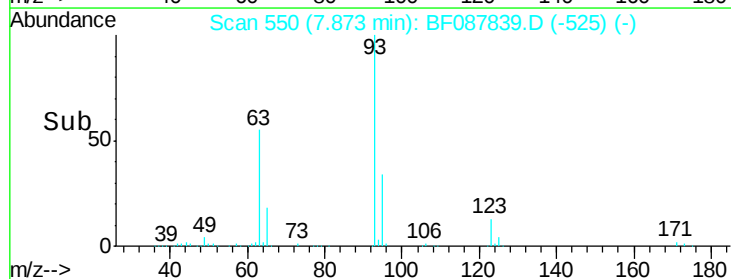
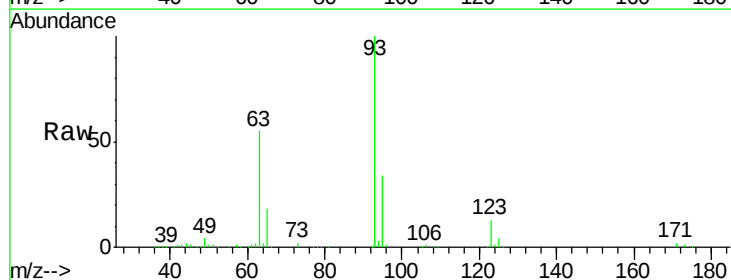
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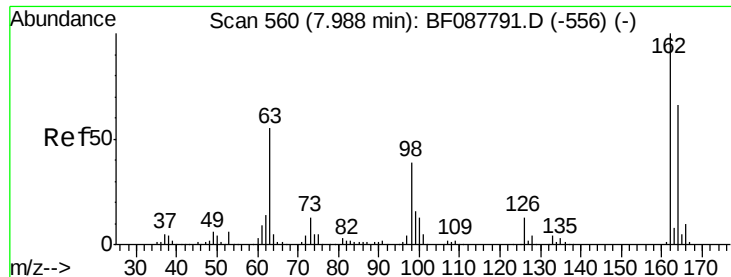
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#28
bis(2-Chloroethoxy)methane
Concen: 44.71 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	376631		
95	33.7	26.5	39.7	
123	12.9	11.6	17.4	





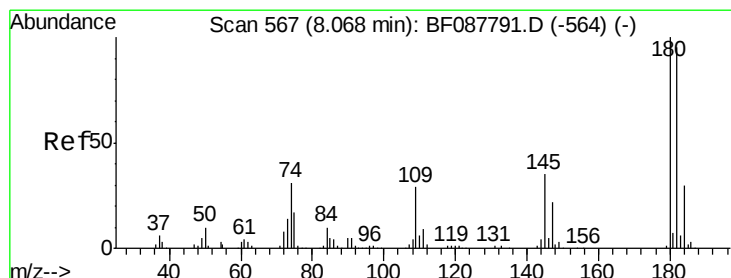
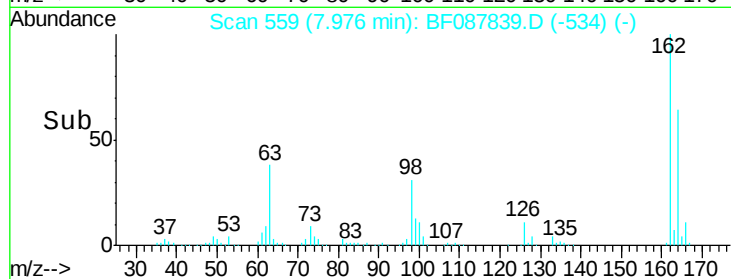
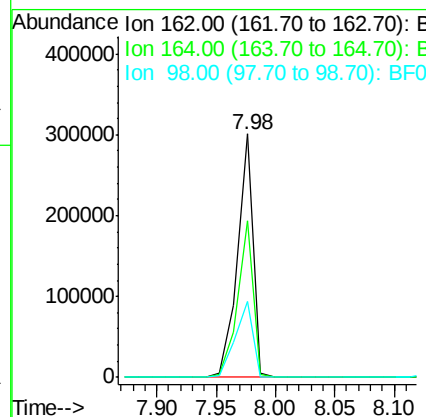
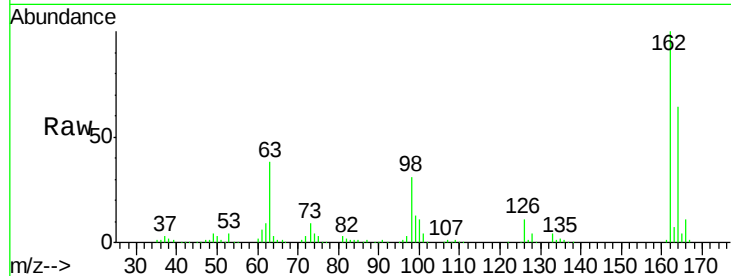
#29
 2,4-Dichlorophenol
 Concen: 47.25 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	43.8	83.8
98	31.1	21.3	61.3

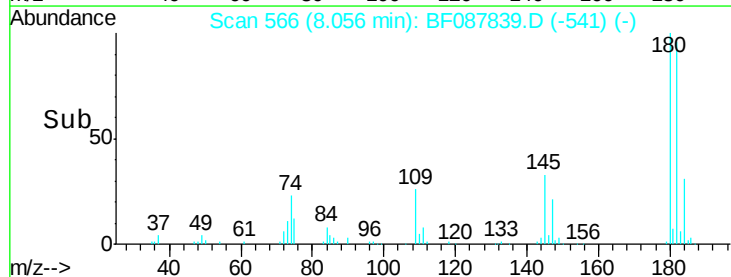
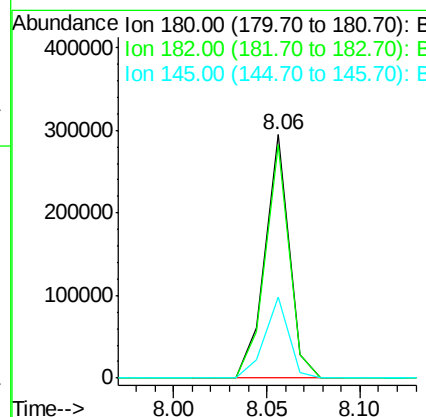
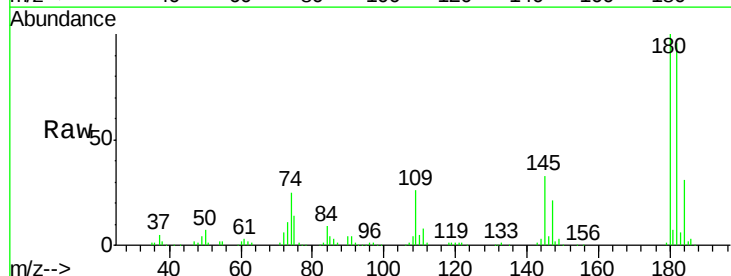
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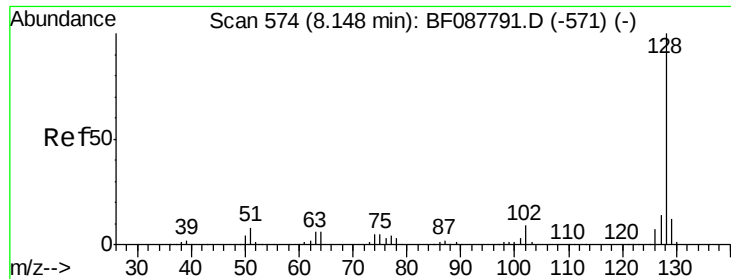
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	76.0	114.0
145	33.1	26.5	39.7





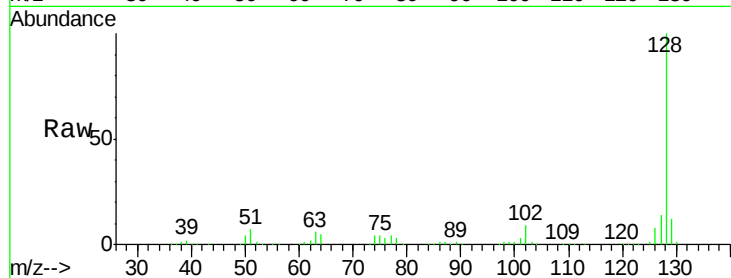
#31
Naphthalene
Concen: 41.40 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

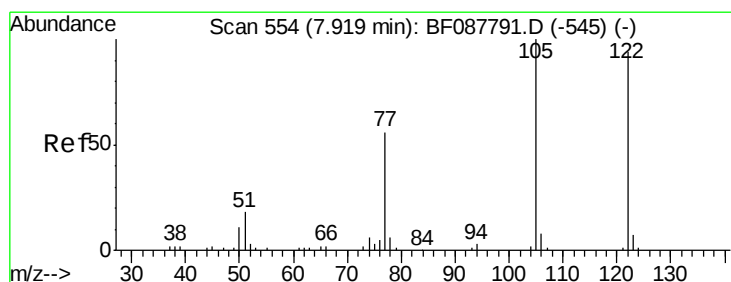
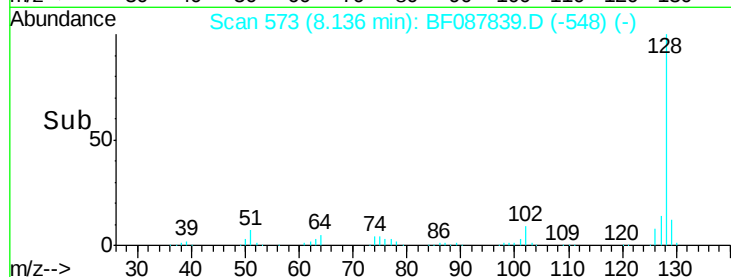
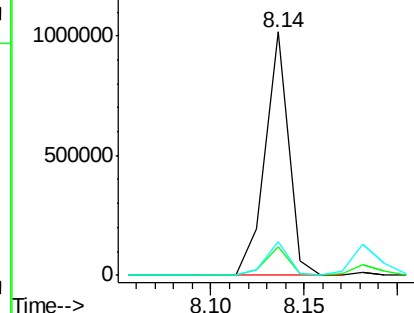
Tot Ion	Ratio	Resp	Lower	Upper
128	100	877153		
129	11.6		9.4	14.2
127	13.6		10.9	16.3

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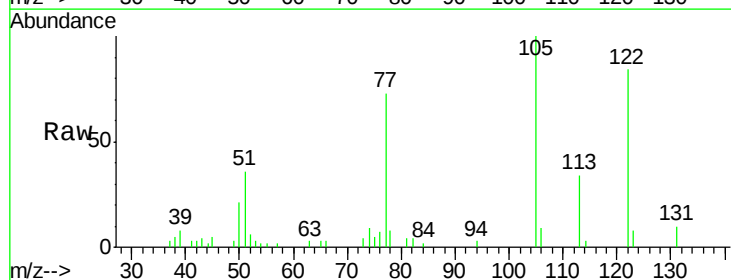


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

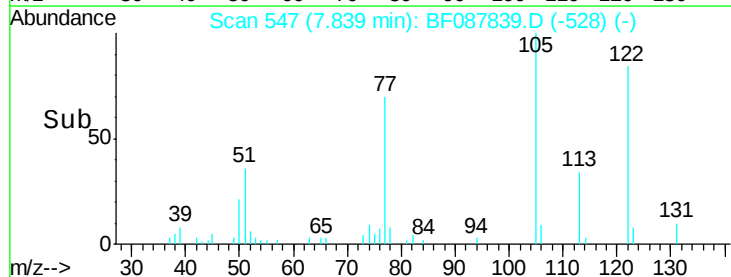
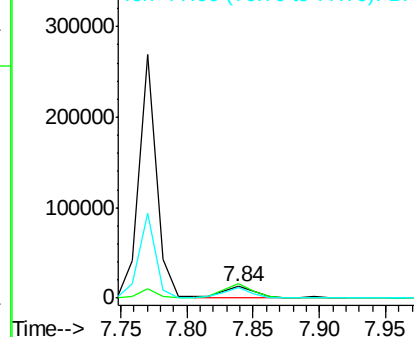


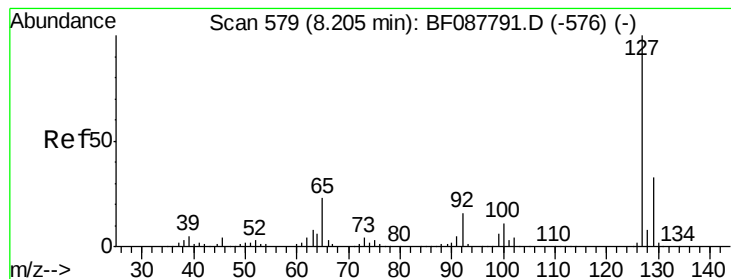
#32
Benzoic acid
Concen: 6.29 ng m
RT: 7.84 min Scan# 547
Delta R.T. -0.08 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	24258		
105	118.4		101.6	141.6
77	87.0		70.6	110.6



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





#33

4-Chloroaniline

Concen: 15.93 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

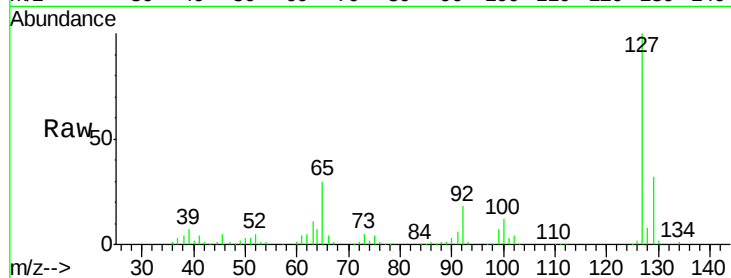
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.3	39.5		
65	29.8	24.7	37.1		
92	18.3	15.4	23.0		

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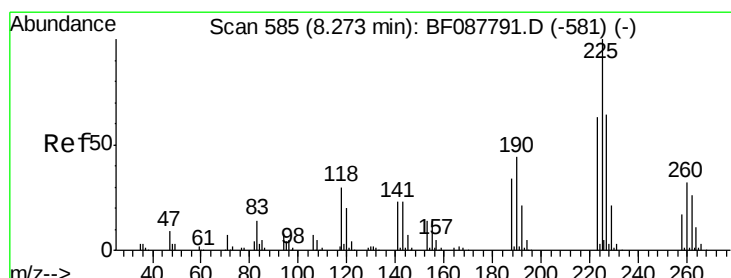
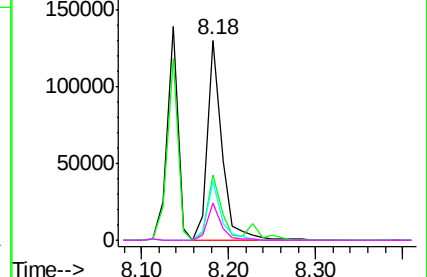
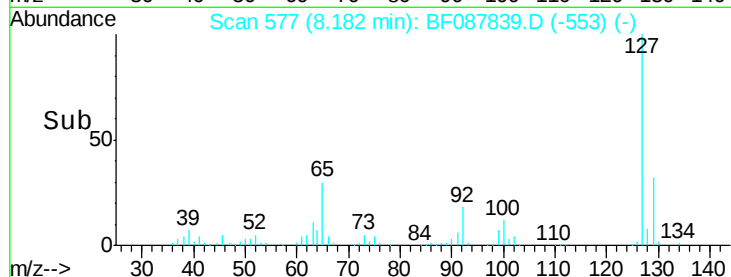


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.28 ng

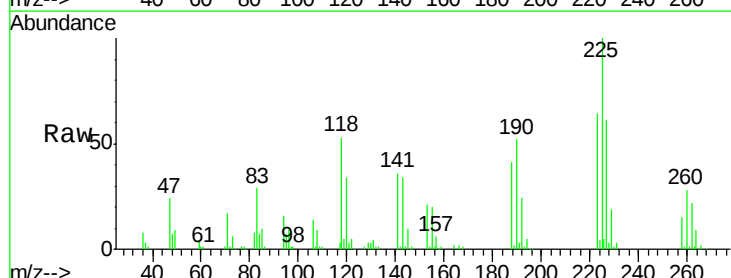
RT: 8.25 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

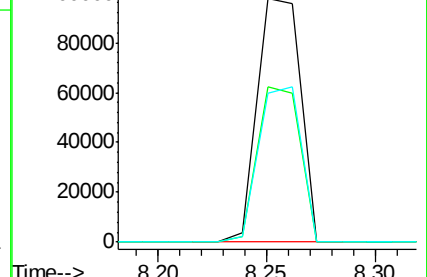
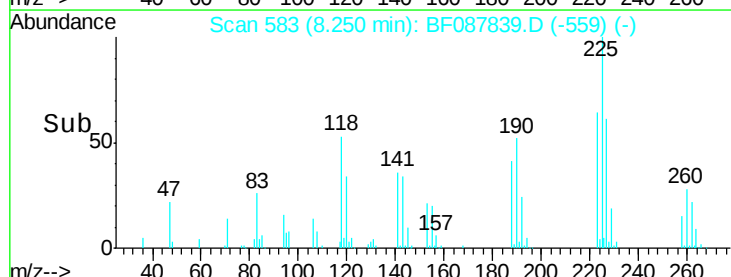
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.9	76.3		
227	61.0	51.9	77.9		

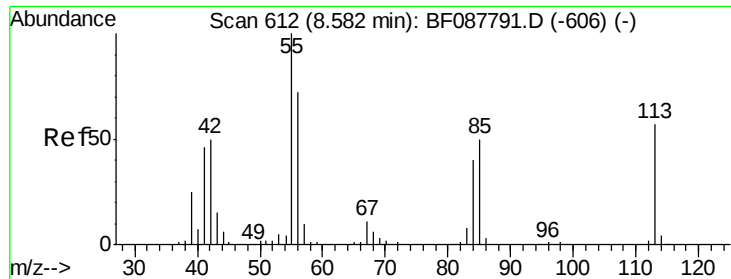


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





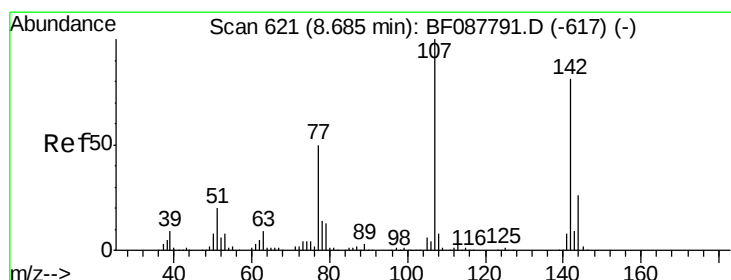
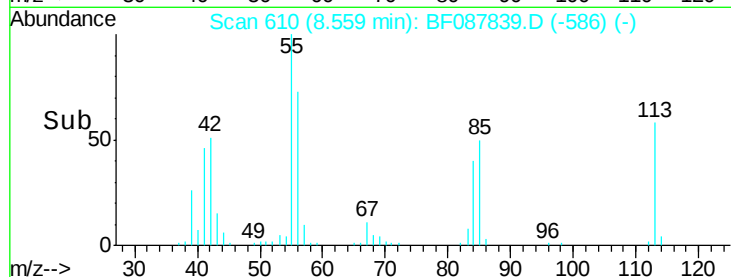
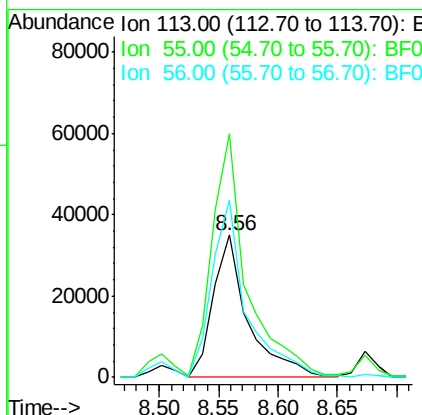
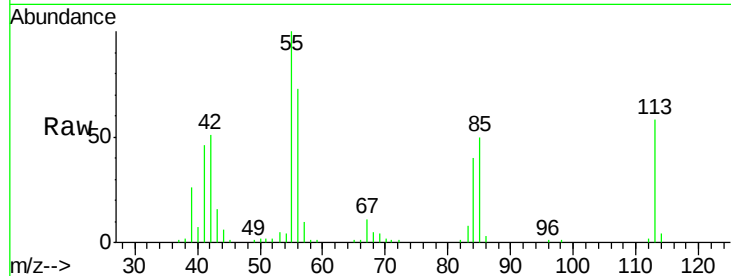
#35
 Caprolactam
 Concen: 37.14 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.1	158.6	198.6
56	124.5	110.6	150.6

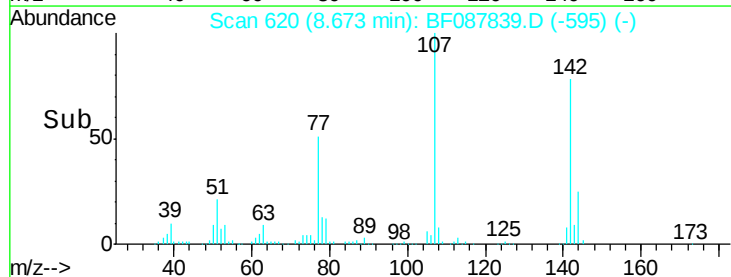
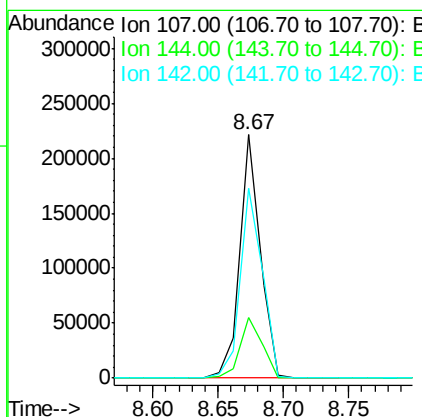
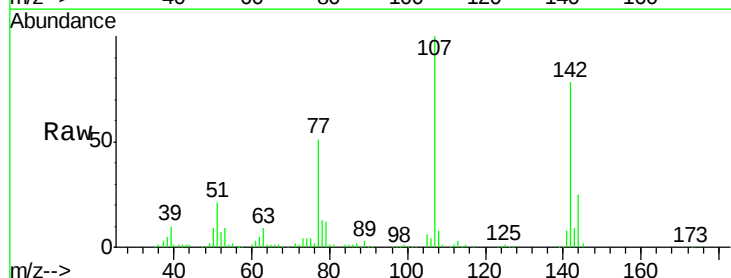
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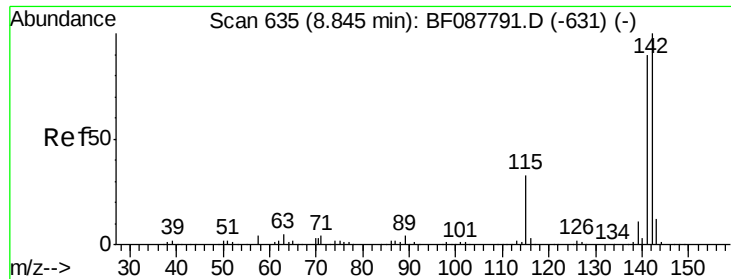
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#36
 4-Chloro-3-methylphenol
 Concen: 38.49 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.8	31.2
142	77.9	63.4	95.2





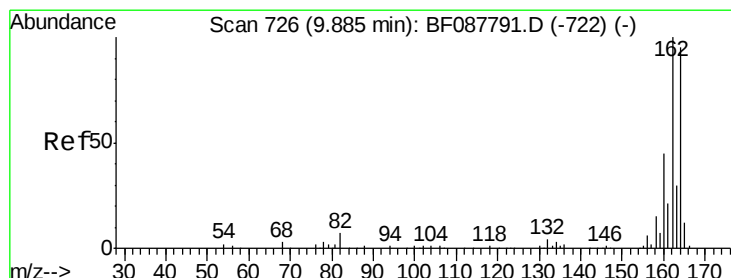
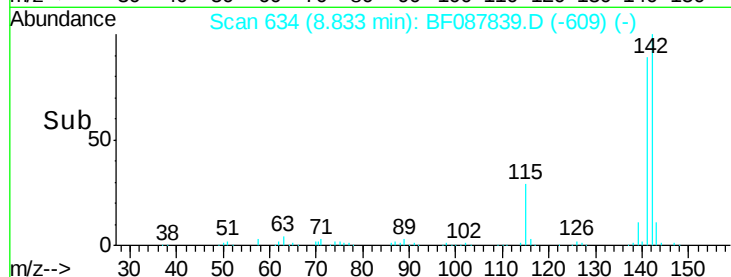
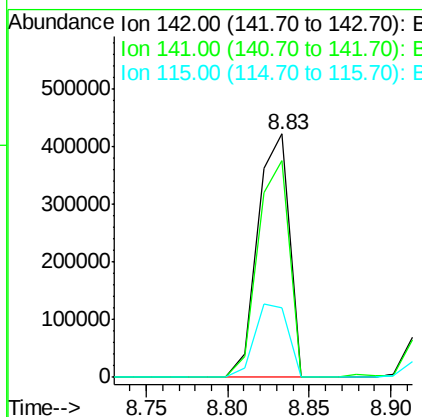
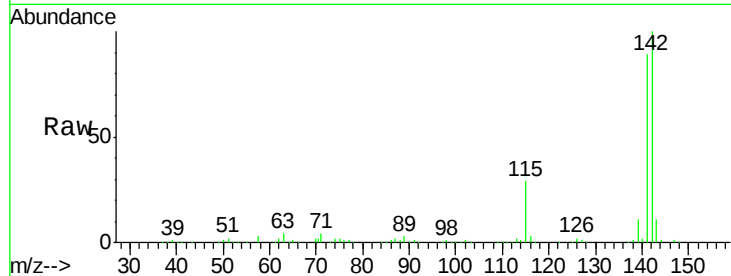
#37
2-Methylnaphthalene
Concen: 40.68 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	28.7	22.6	33.8

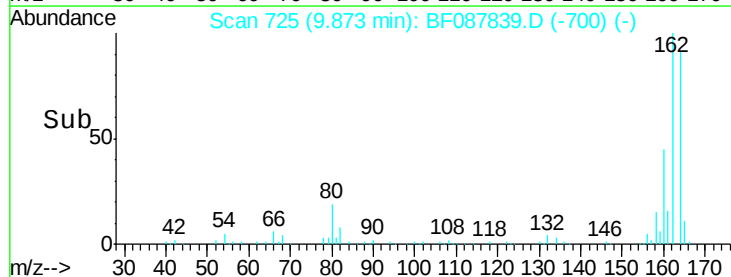
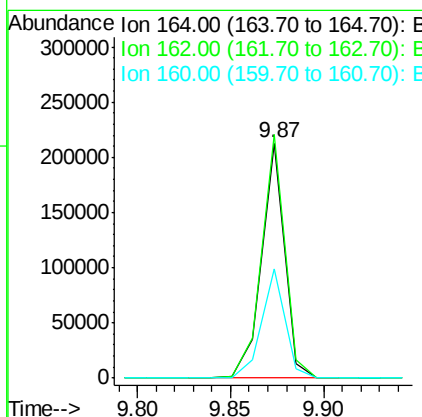
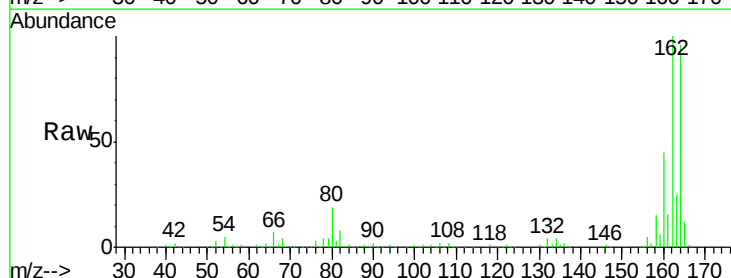
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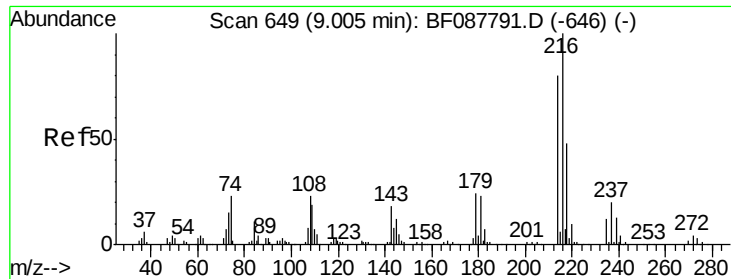
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.6	39.5	59.3





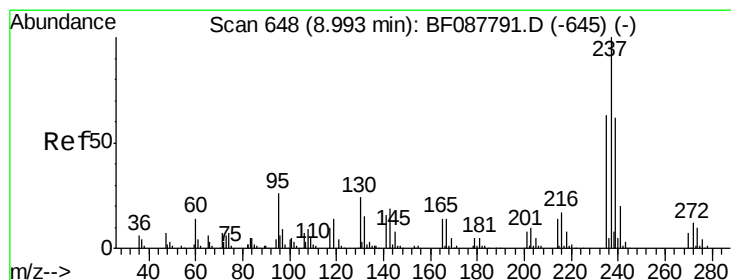
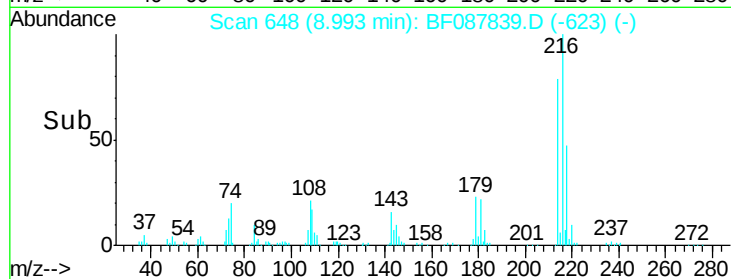
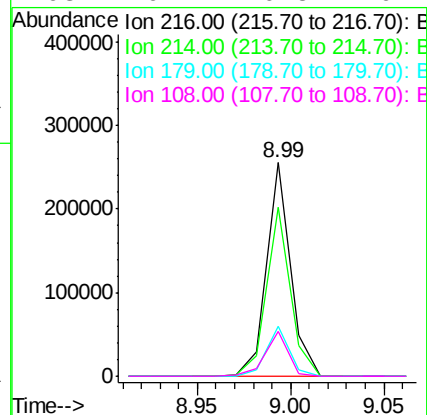
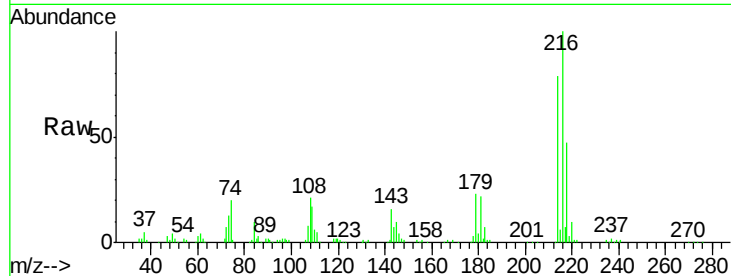
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.84 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.7	2.9	4.3#		
179	22.3	0.0	0.0#		
108	20.1	0.5	0.7#		

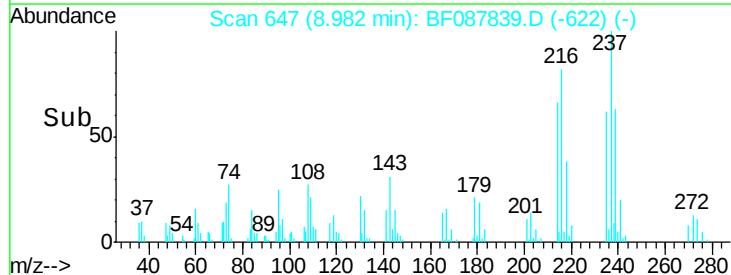
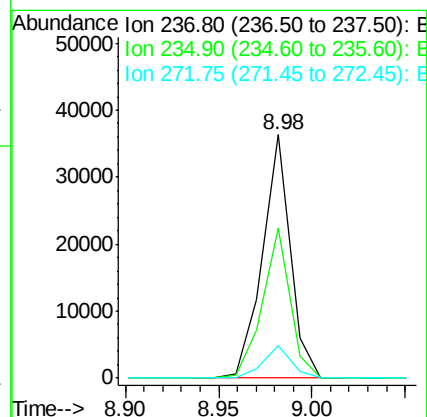
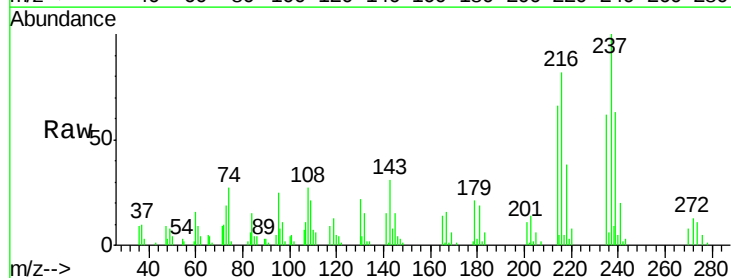
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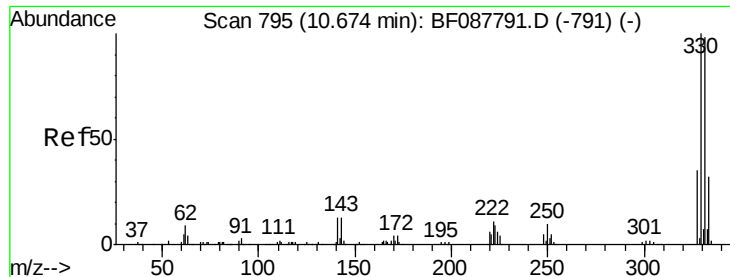
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#40
 Hexachlorocyclopentadiene
 Concen: 12.91 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8	43.4	83.4		
272	13.1	0.0	32.3		





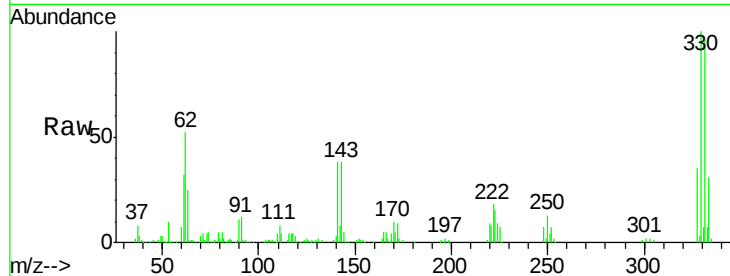
#41
 2,4,6-Tribromophenol
 Concen: 109.16 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.6	0.0	0.0#

Manual Integrations
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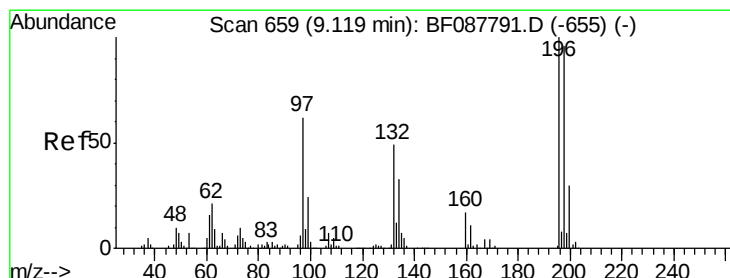
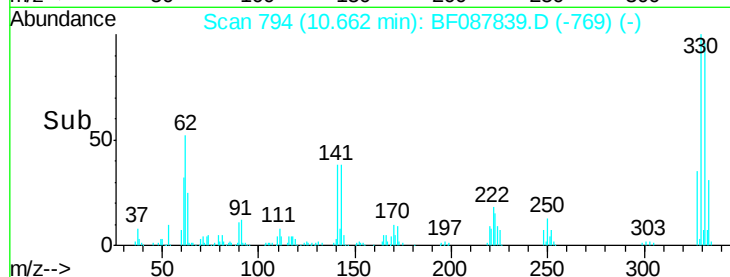
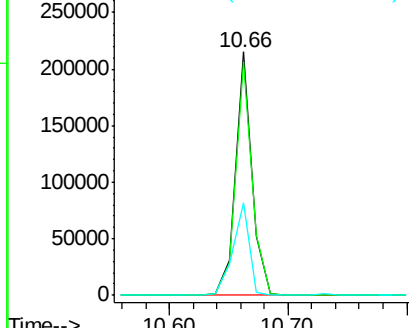


Abundance

Ion 329.80 (329.50 to 330.50): E

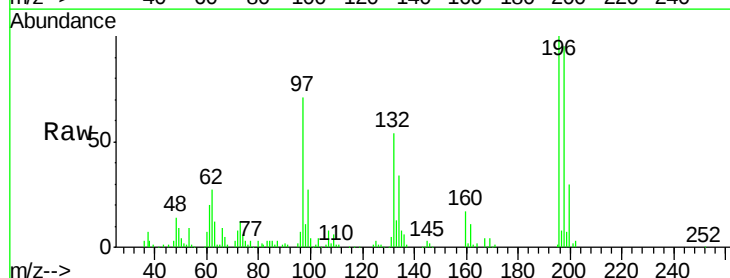
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.76 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.9	78.0	117.0
200	29.5	25.4	38.2

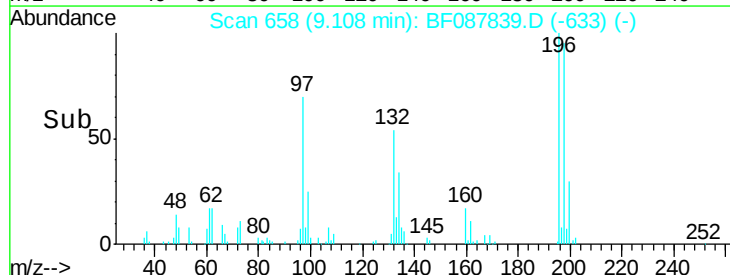
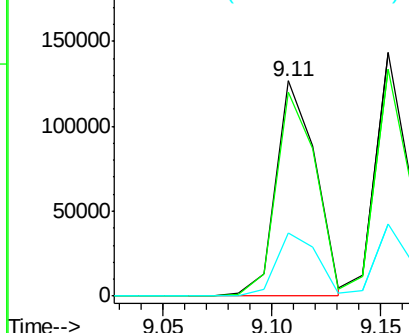


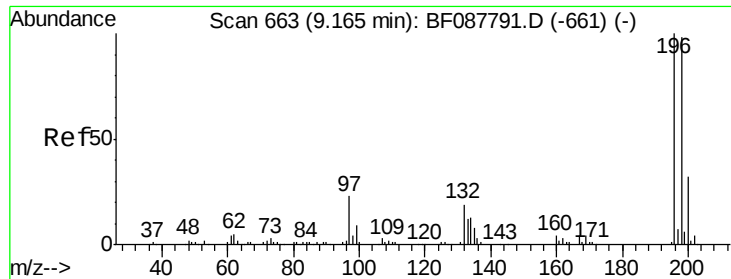
Abundance

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





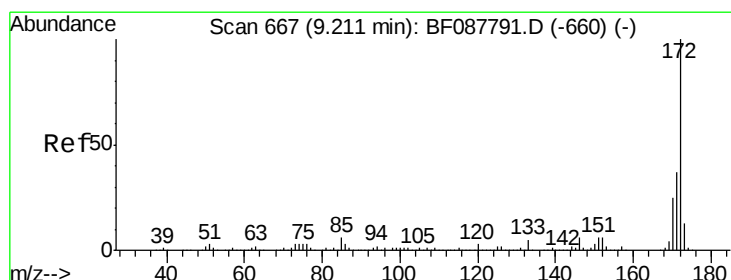
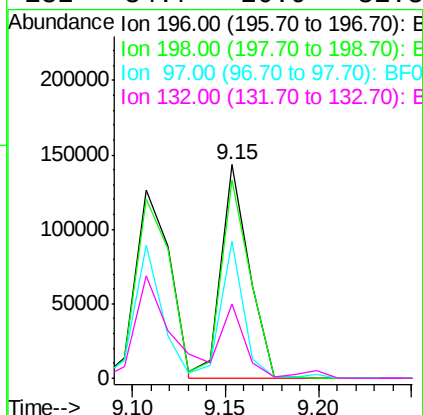
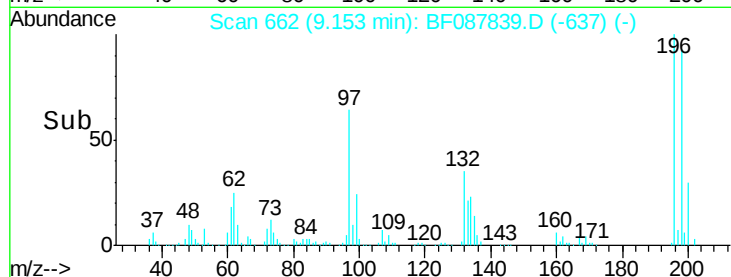
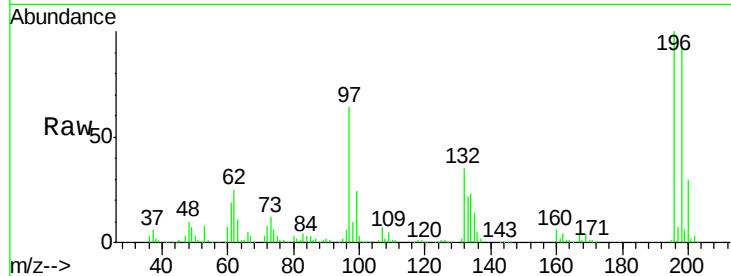
#43
2,4,5-Trichlorophenol
Concen: 40.15 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150378		
198	93.1	77.5	116.3	
97	64.0	32.0	48.0	
132	34.7	20.9	31.3	

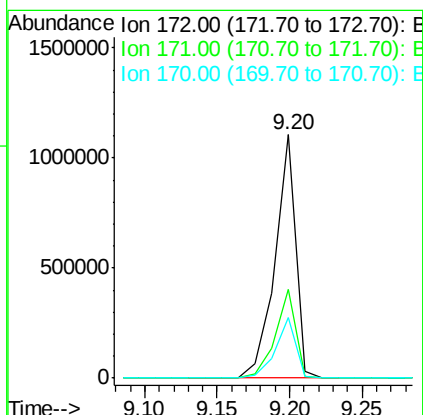
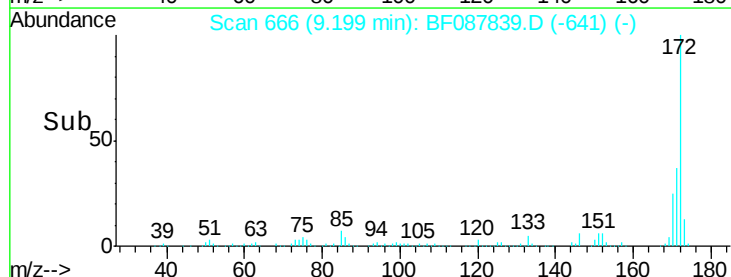
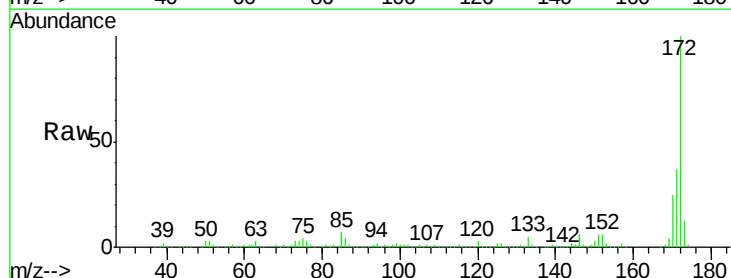
Manual Integrations
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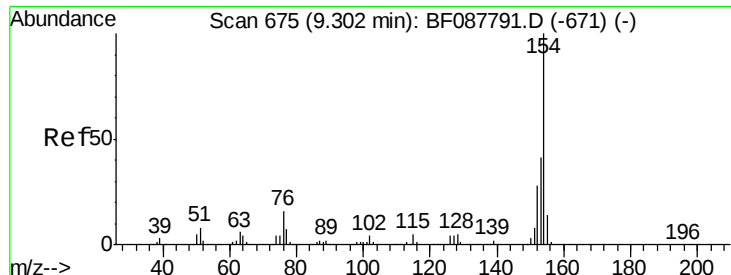
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#44
2-Fluorobiphenyl
Concen: 95.92 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1091018		
171	36.7	28.6	43.0	
170	24.9	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 48.39 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

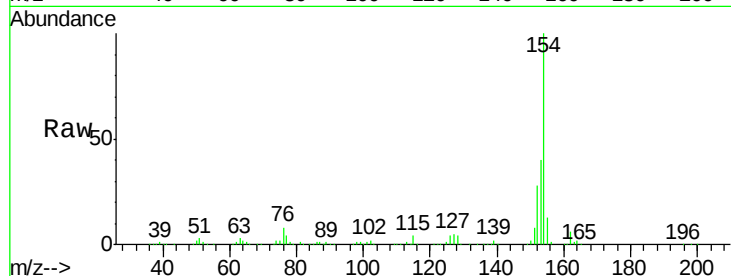
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

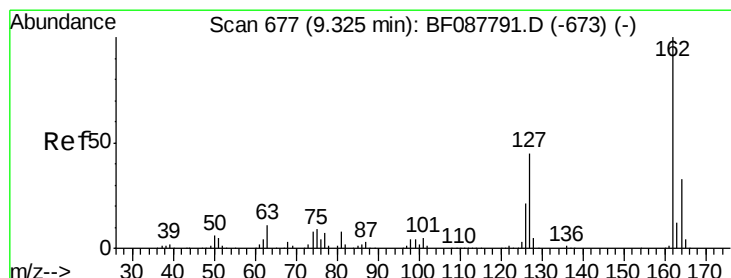
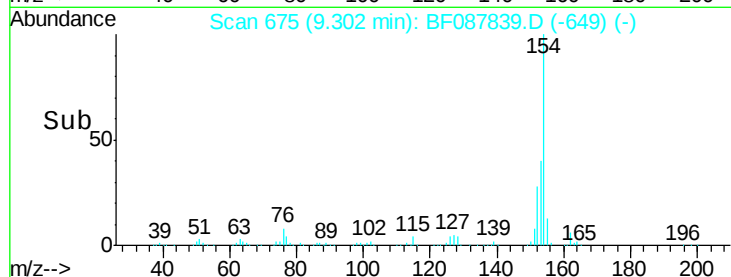
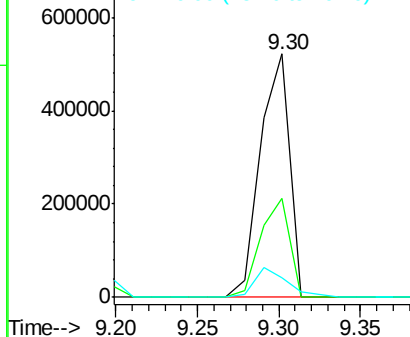
Tot Ion:	154	Resp:	647471
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.6	60.6
76	7.8	0.0	35.1

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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: 42.32 ng

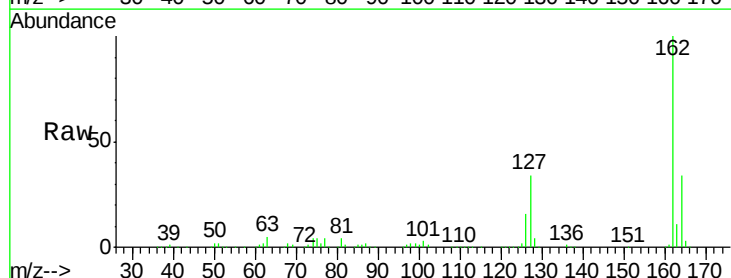
RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

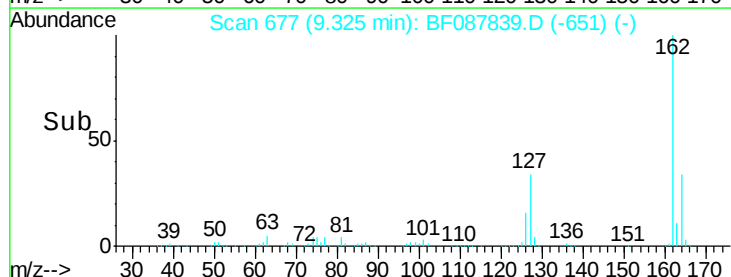
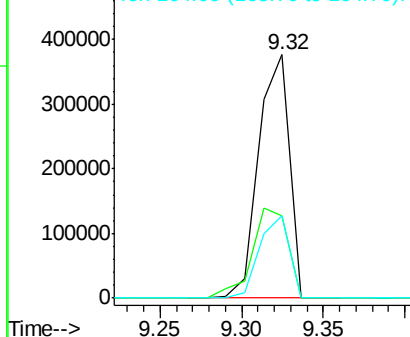
Lab File: BF087839.D

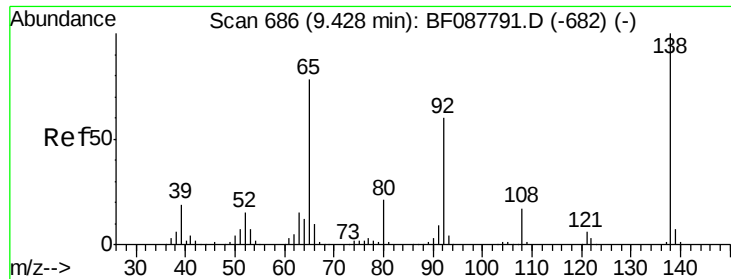
Acq: 9 Jun 2016 7:43

Tgt Ion:	162	Resp:	492986
Ion Ratio	Lower	Upper	
162	100		
127	33.6	35.2	52.8#
164	33.6	26.6	39.8



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





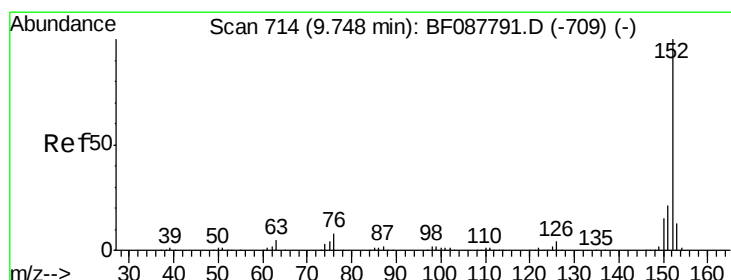
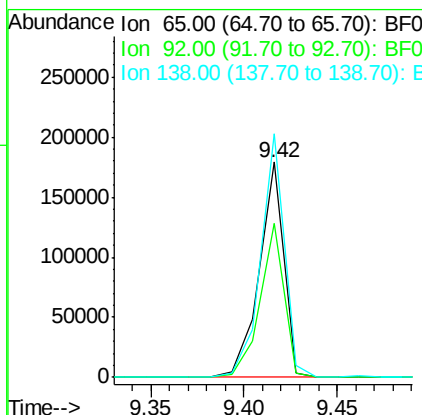
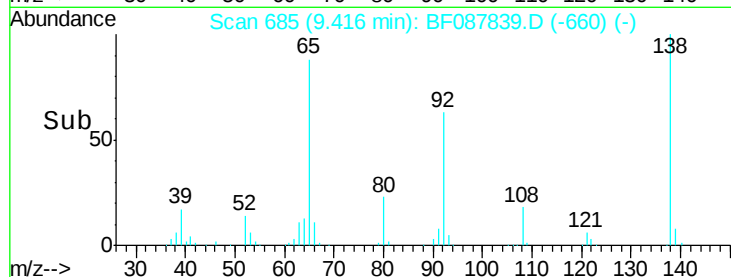
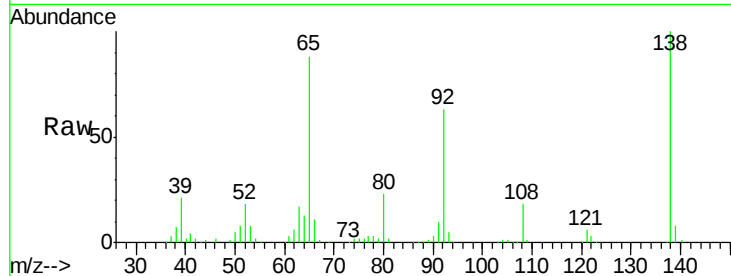
#47
 2-Nitroaniline
 Concen: 46.91 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion:	65	Resp:	161214
Ion Ratio	Lower	Upper	
65	100		
92	71.4	54.6	82.0
138	113.0	77.0	115.4

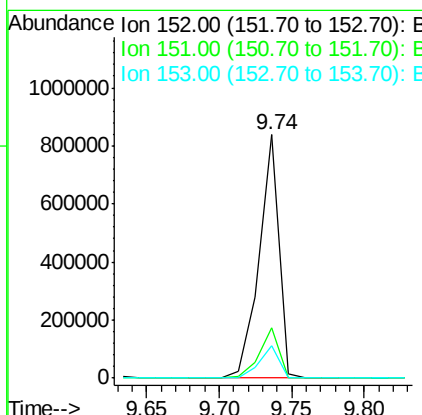
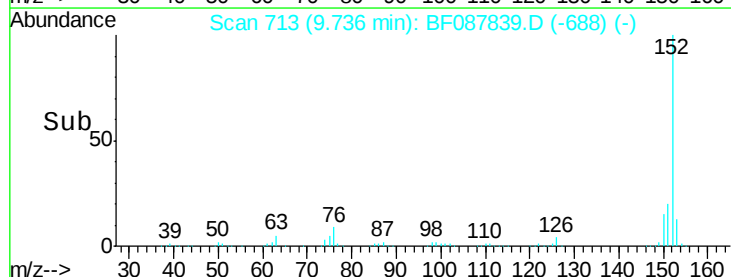
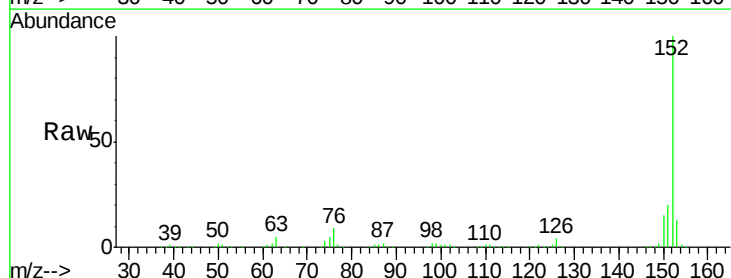
Manual Integrations
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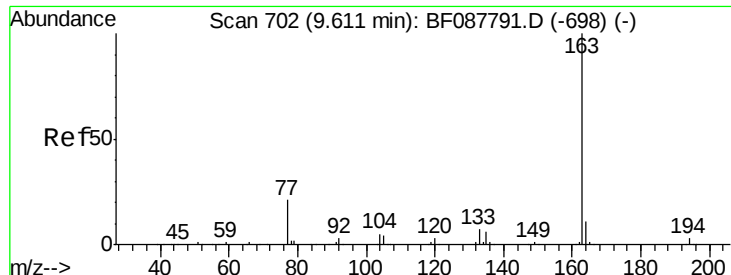
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#48
 Acenaphthylene
 Concen: 42.78 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:	152	Resp:	792656
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	13.3	11.0	16.6





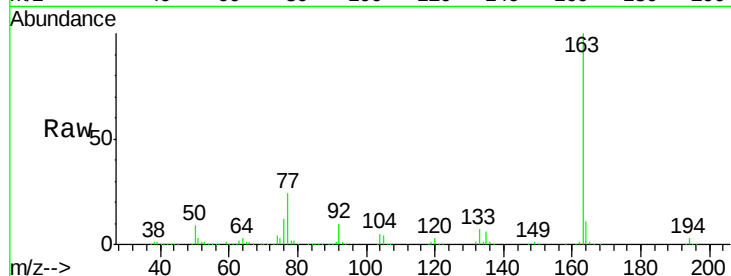
#49
Dimethylphthalate
Concen: 72.30 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

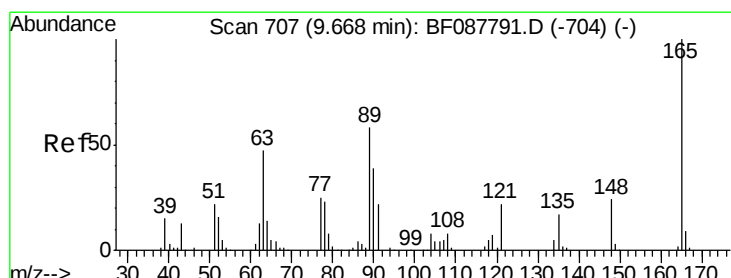
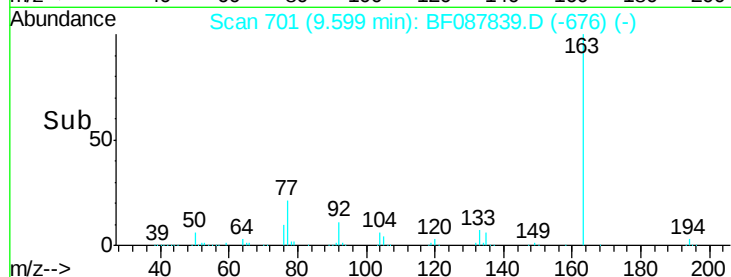
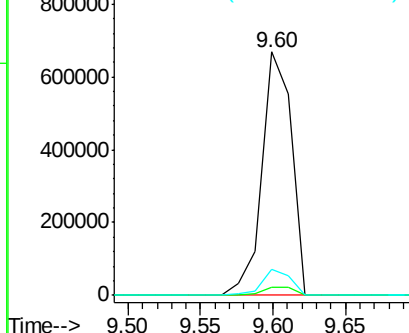
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.8	4.2	
164	10.9	8.3	12.5	

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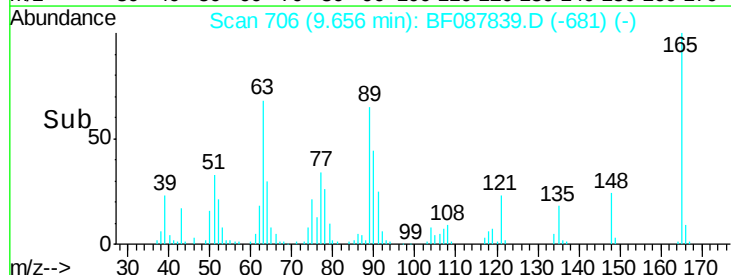
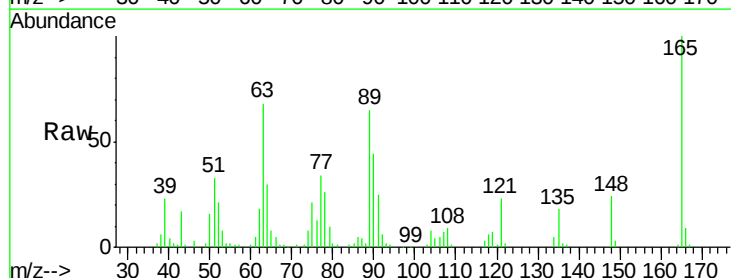
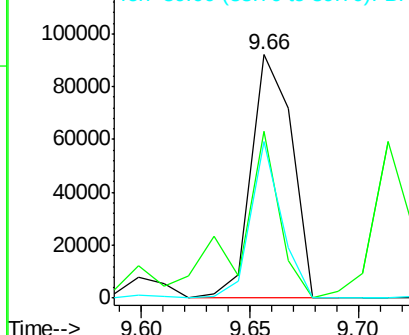
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

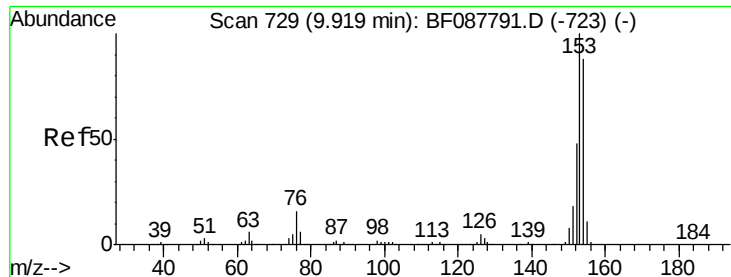


#50
2,6-Dinitrotoluene
Concen: 40.09 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.4	28.1	42.1#	
89	64.5	32.2	48.2#	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.76 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

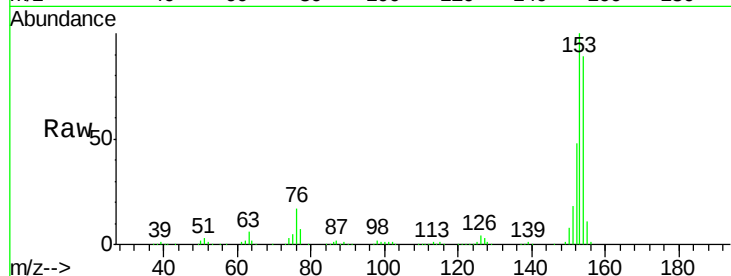
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

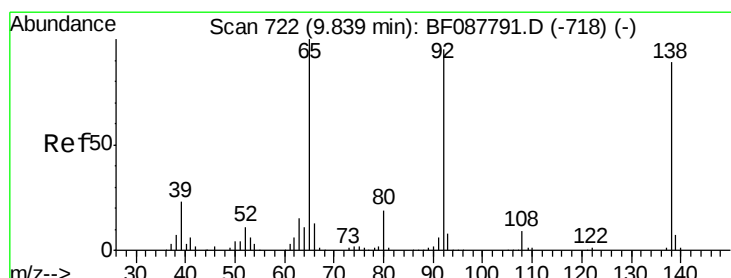
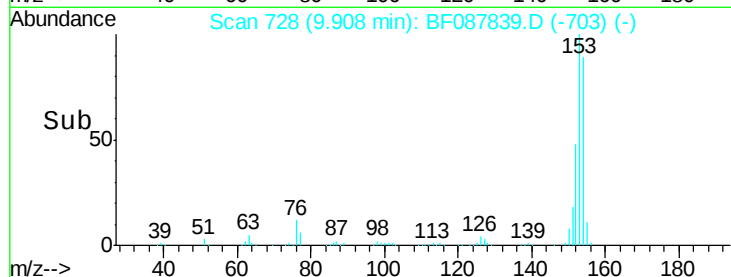
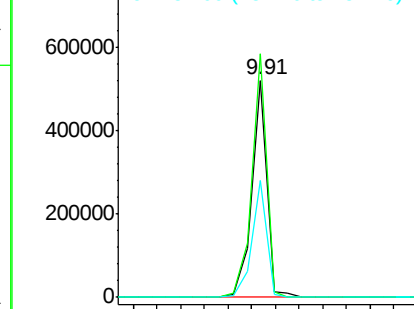
Tot Ion:	154	Resp:	459578
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.5	134.3
152	53.8	42.7	64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.13 ng

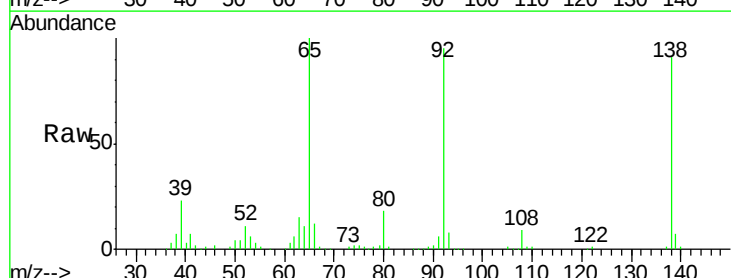
RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

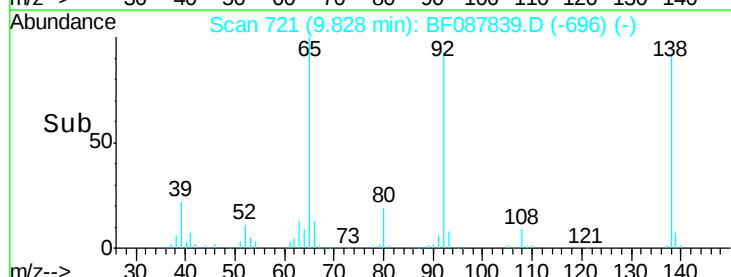
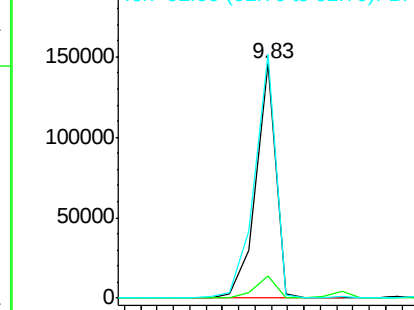
Lab File: BF087839.D

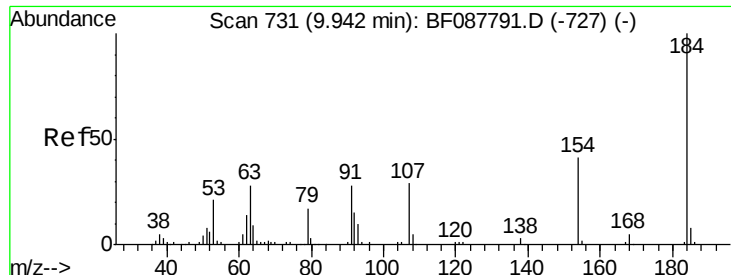
Acq: 9 Jun 2016 7:43

Tgt Ion:	138	Resp:	124510
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	104.0	95.7	143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





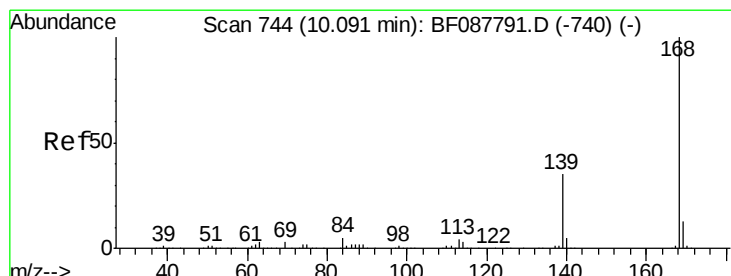
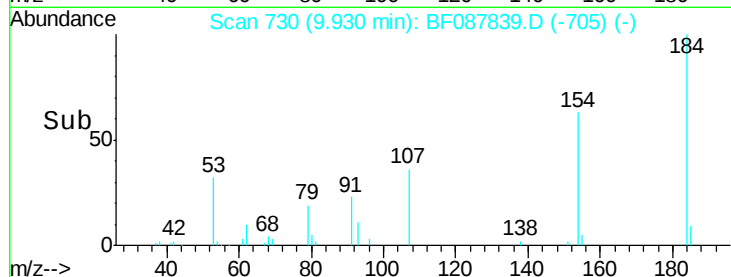
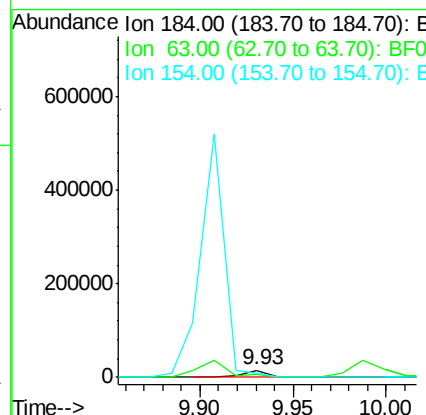
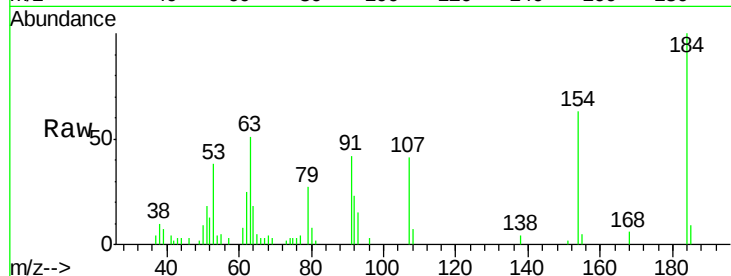
#53
2,4-Dinitrophenol
Concen: 12.42 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.4	57.6	86.4	#
154	62.7	53.5	80.3	

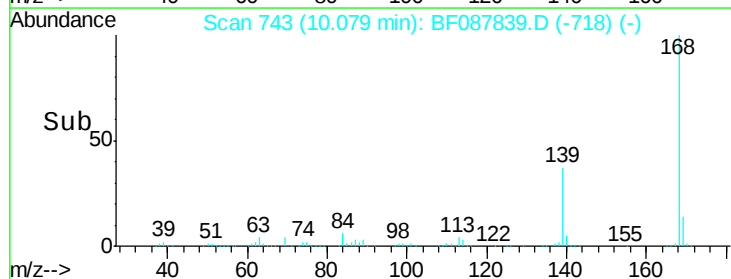
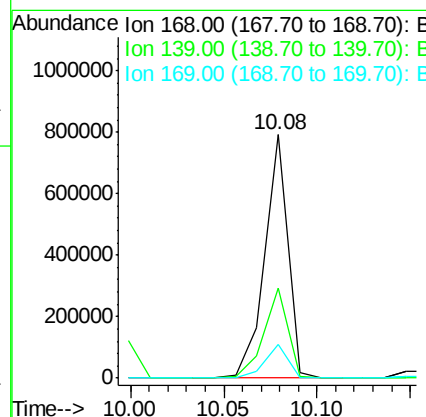
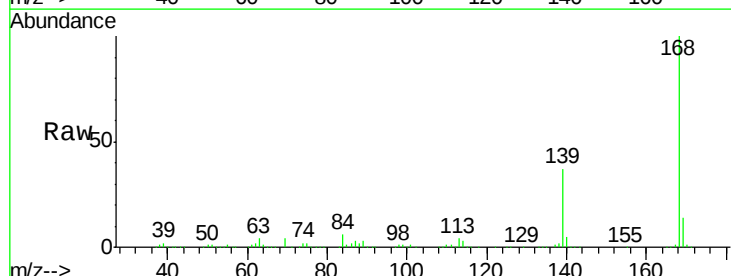
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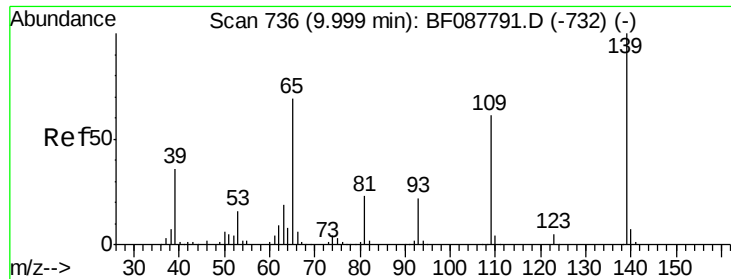
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#54
Dibenzofuran
Concen: 42.38 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	26.4	39.6	
169	13.6	10.4	15.6	





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

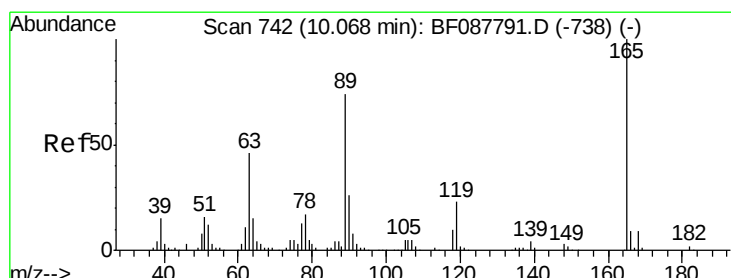
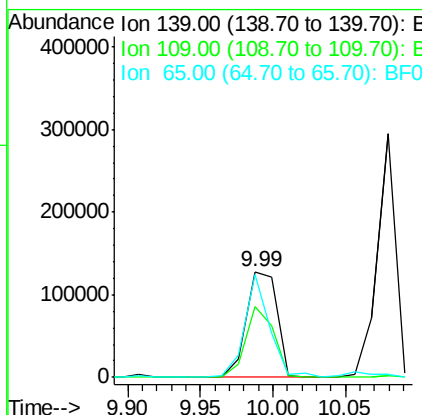
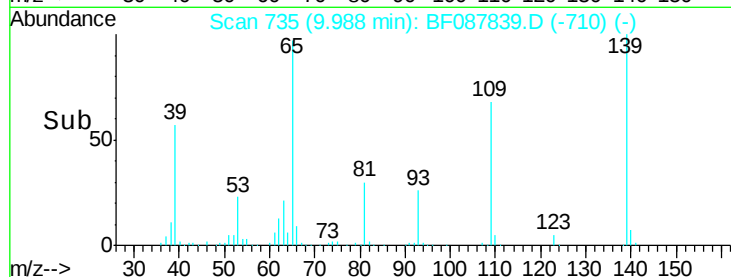
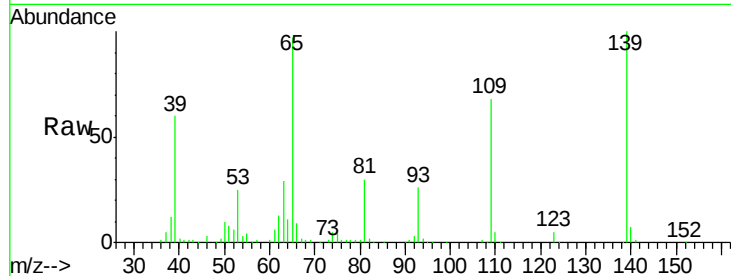
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	139	Resp:	189984
Ion Ratio	Lower	Upper	
139	100		
109	67.6	48.9	88.9
65	97.2	84.9	124.9

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 39.19 ng

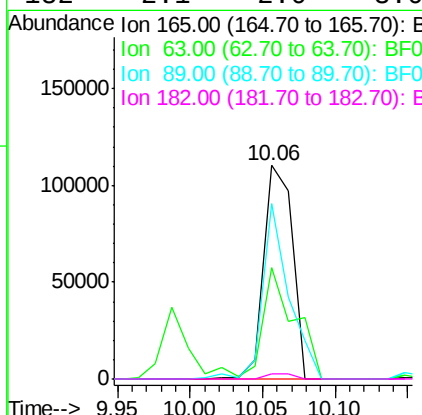
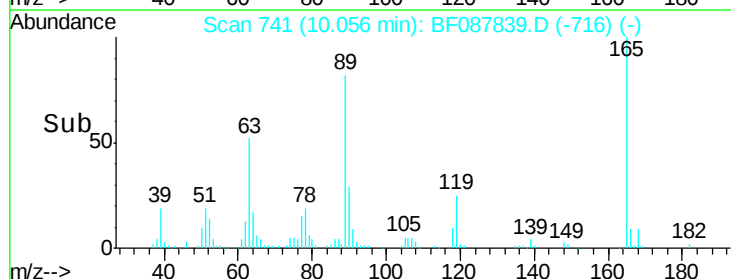
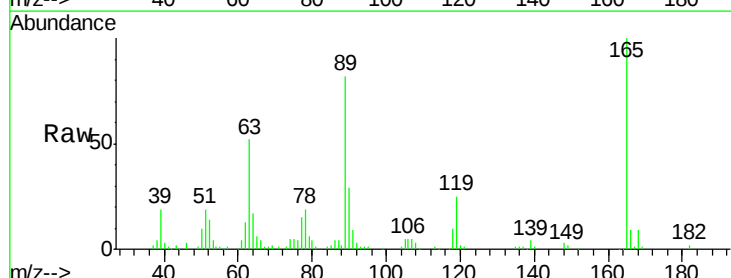
RT: 10.06 min Scan# 741

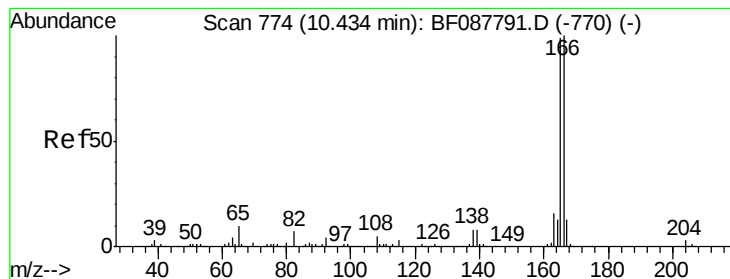
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	165	Resp:	150408
Ion Ratio	Lower	Upper	
165	100		
63	52.4	22.0	33.0#
89	82.2	41.1	61.7#
182	2.1	2.0	3.0





#57

Fluorene

Concen: 46.40 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

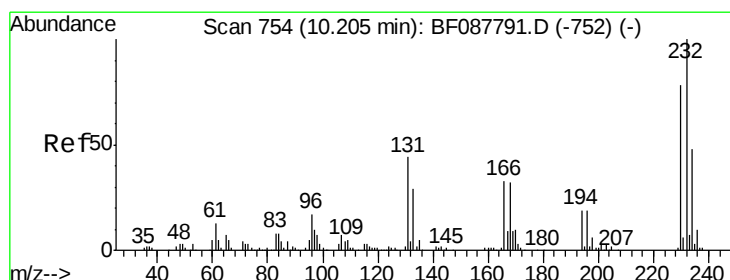
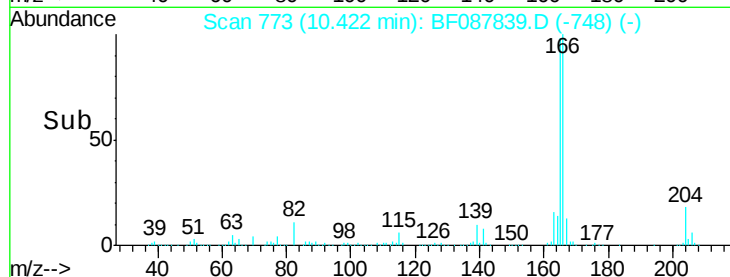
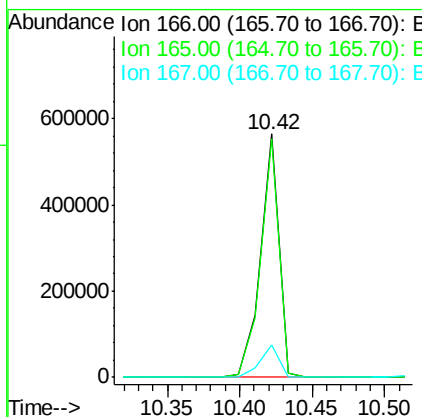
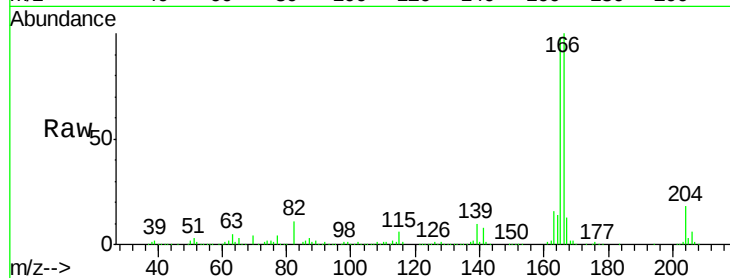
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	166	Resp:	497558
Ion Ratio		Lower	Upper
166	100		
165	98.1	77.8	116.8
167	13.4	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.88 ng

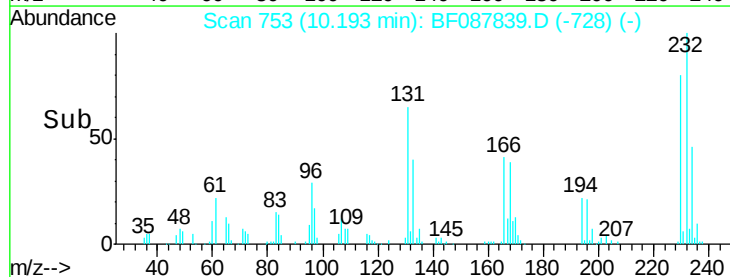
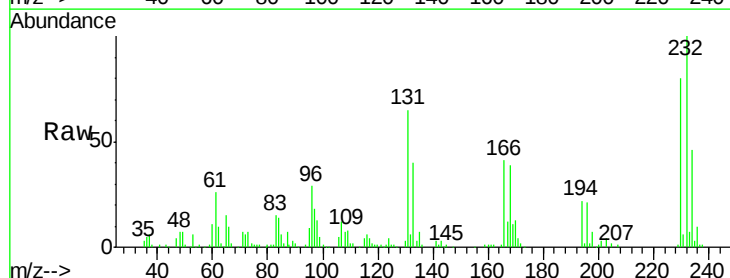
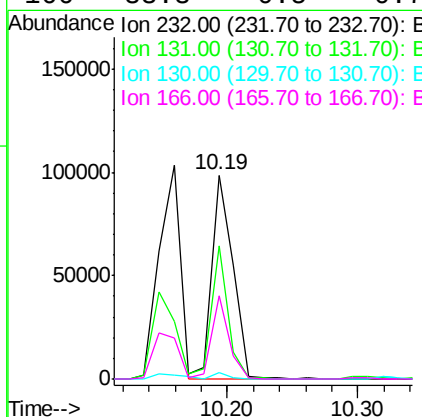
RT: 10.19 min Scan# 753

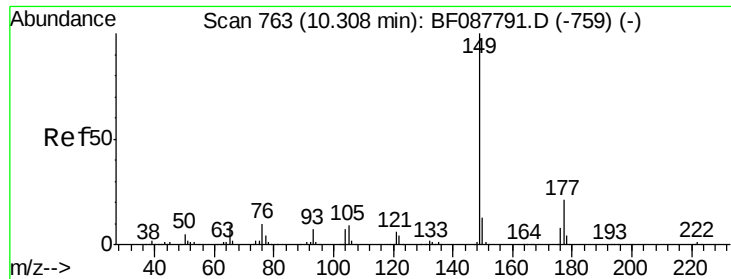
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	232	Resp:	111496
Ion Ratio		Lower	Upper
232	100		
131	51.0	0.9	1.3#
130	2.3	1.5	2.3#
166	33.3	0.5	0.7#





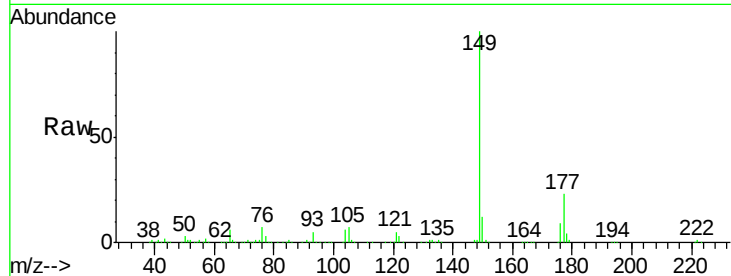
#59
Diethylphthalate
Concen: 45.06 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

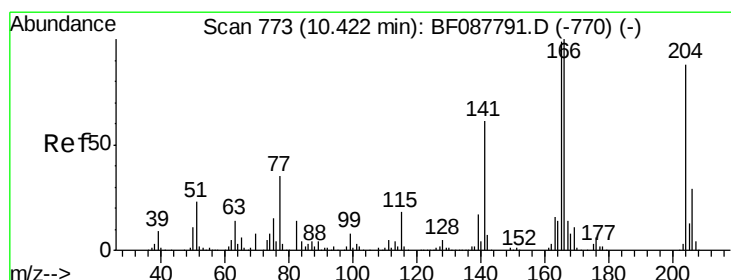
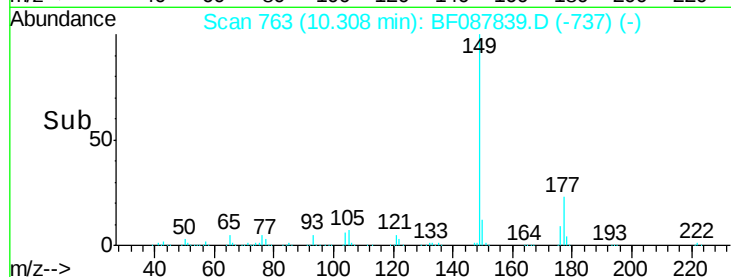
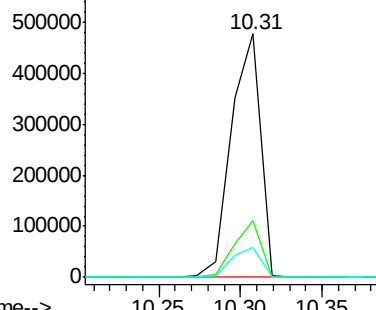
Tot Ion	Ratio	Resp	Lower	Upper
149	100	594763		
177	23.1	16.9	25.3	
150	12.3	10.1	15.1	

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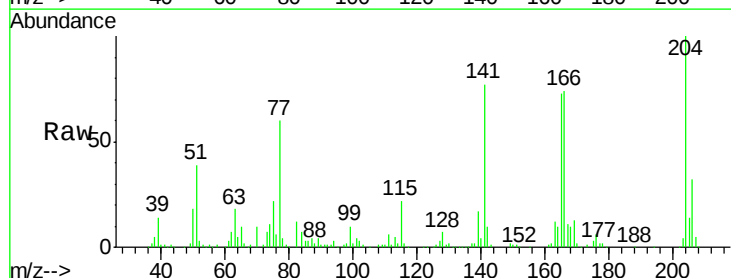


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

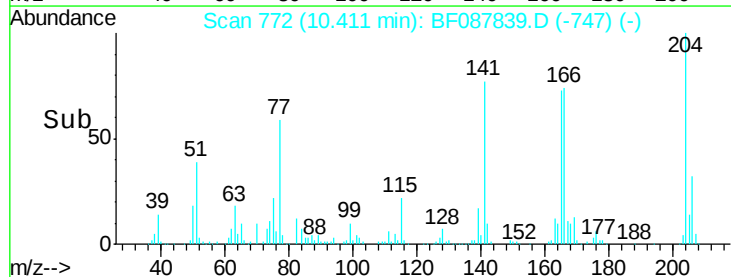
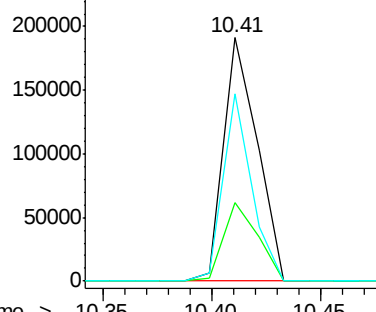


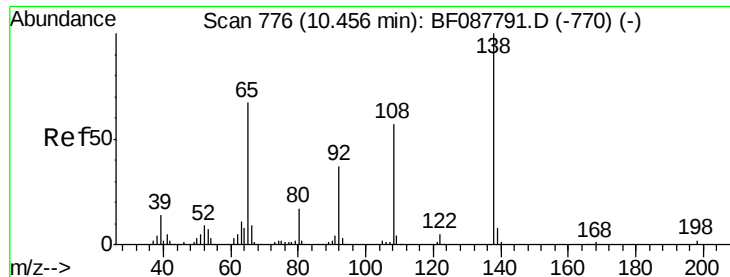
#60
4-Chlorophenyl-phenylether
Concen: 38.97 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	206319		
206	32.2	26.3	39.5	
141	76.8	55.0	82.6	



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





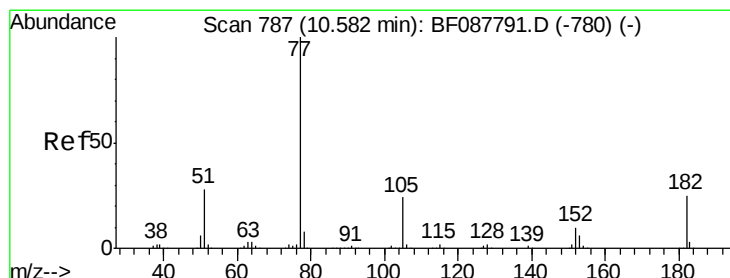
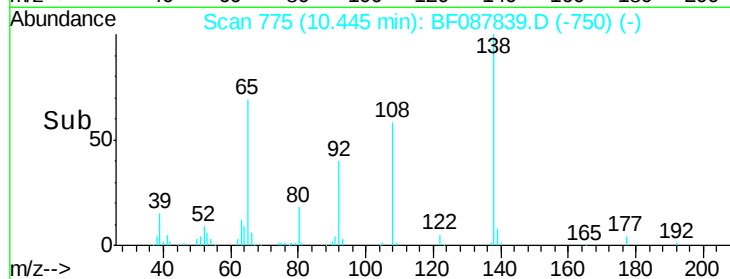
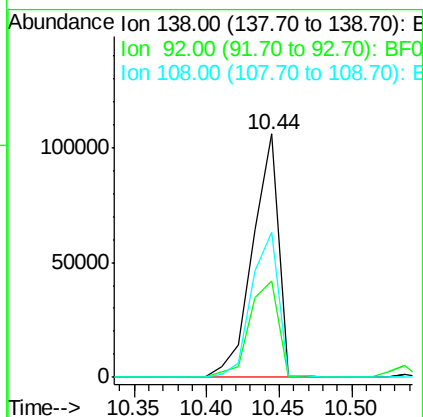
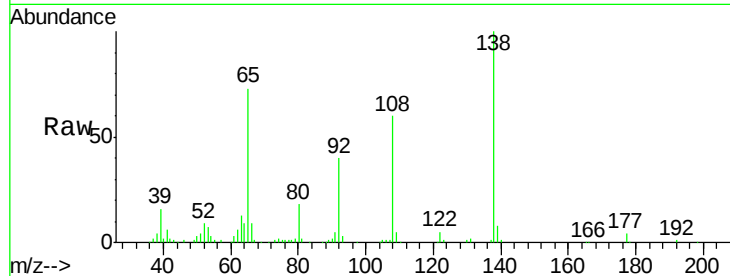
#61
4-Nitroaniline
Concen: 39.80 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	130089		
92	39.5	27.3	67.3	
108	59.7	46.7	86.7	

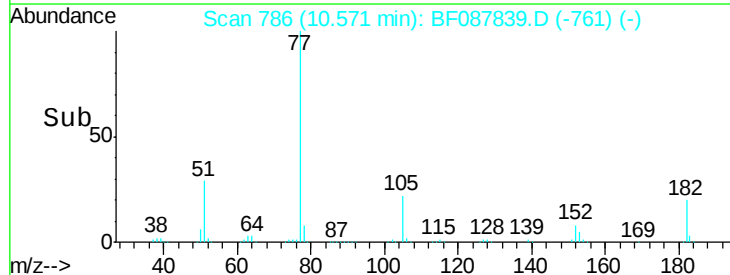
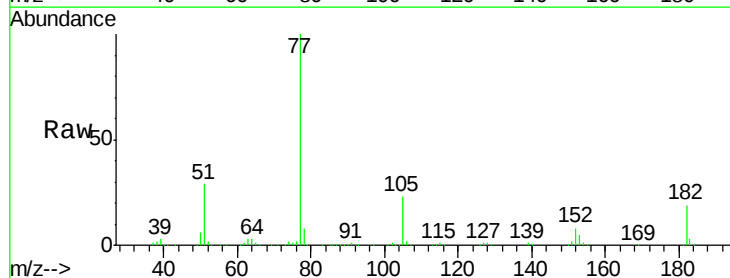
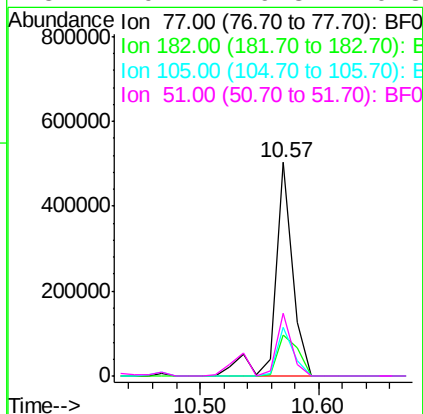
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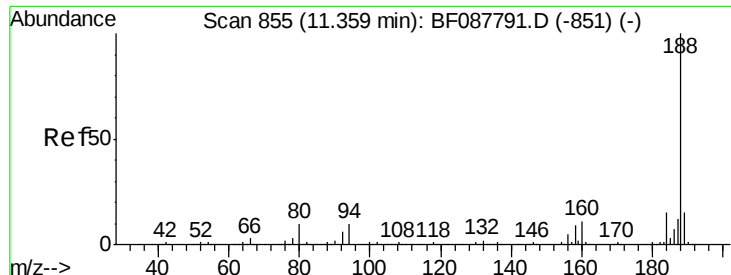
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#62
Azobenzene
Concen: 39.19 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	511524		
182	19.4	4.4	44.4	
105	22.7	3.8	43.8	
51	29.2	9.3	49.3	





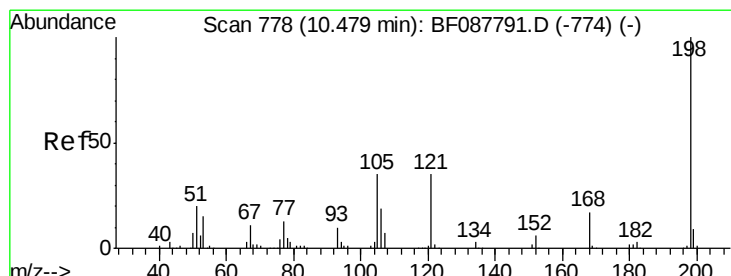
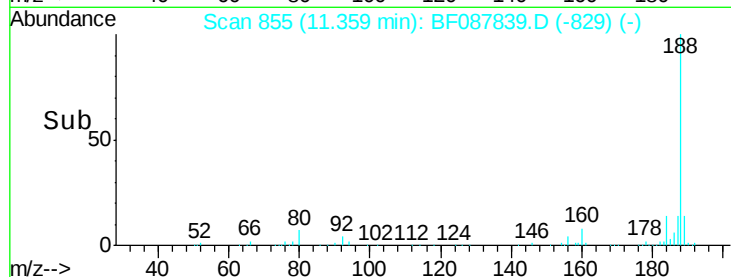
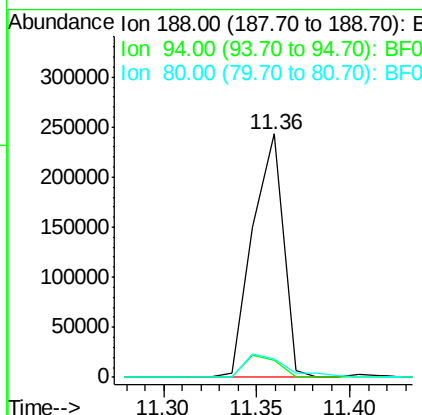
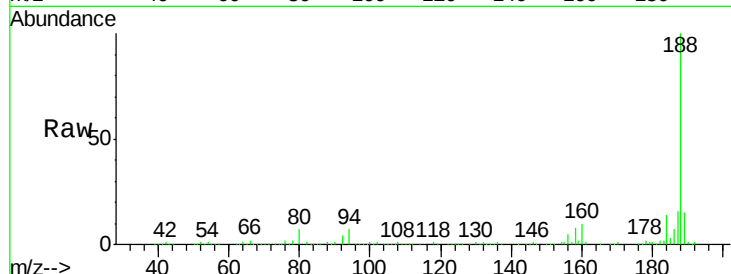
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.2	9.0	13.6#
80	7.5	10.0	15.0#

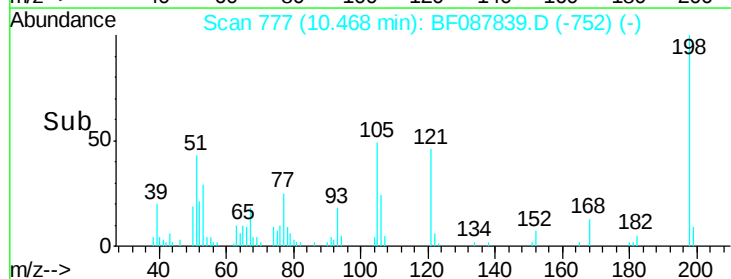
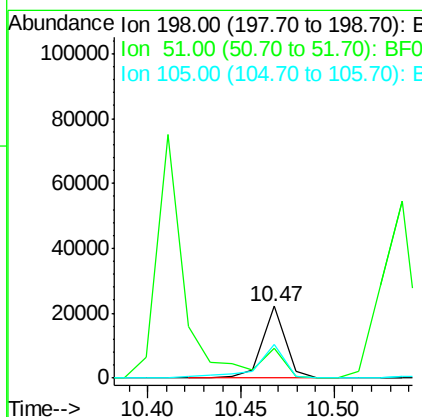
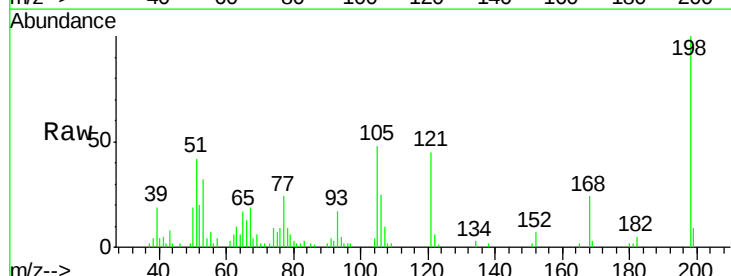
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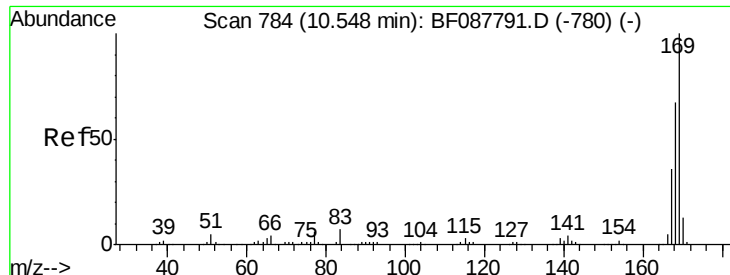
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.51 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.5	39.6	79.6
105	47.7	36.6	76.6





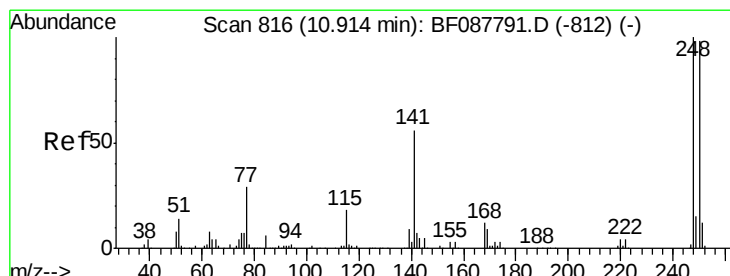
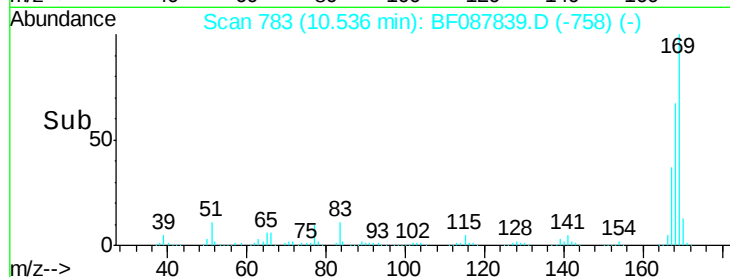
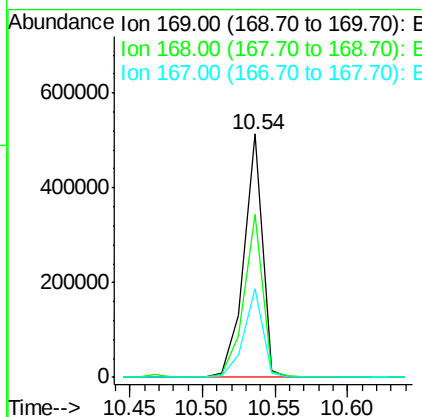
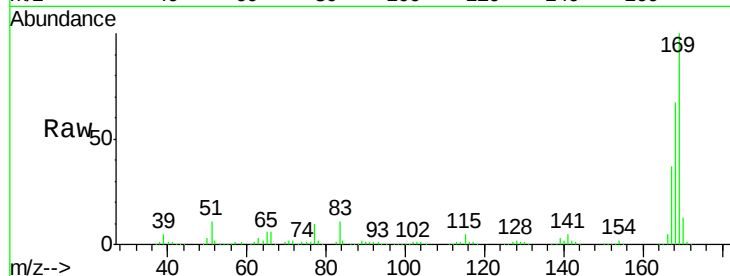
#65
 n-Nitrosodiphenylamine
 Concen: 49.83 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	53.4	80.0	
167	36.6	29.4	44.0	

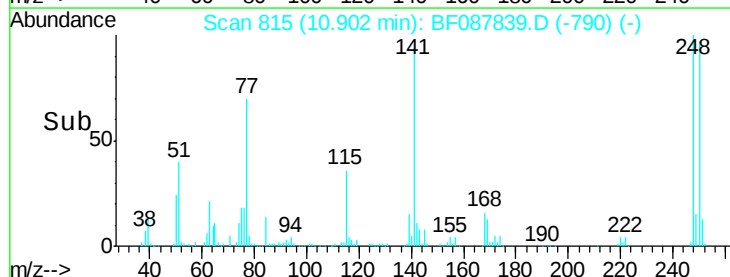
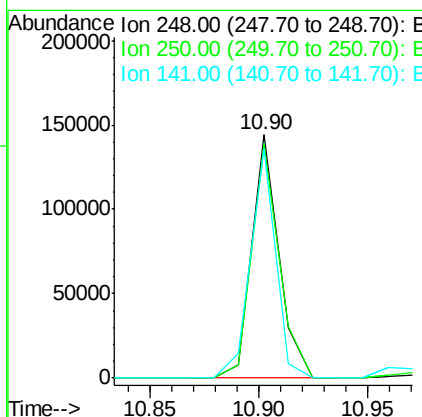
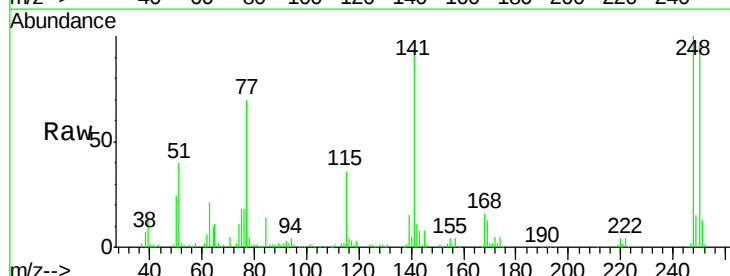
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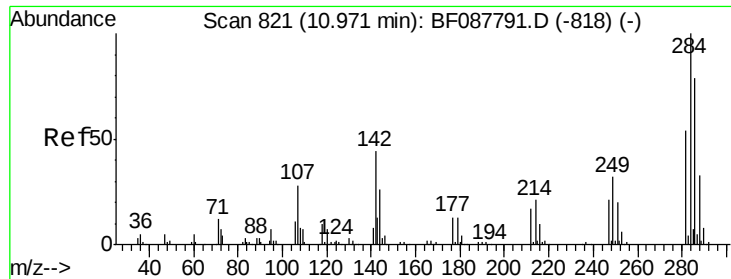
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#66
 4-Bromophenyl-phenylether
 Concen: 42.14 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	77.1	115.7	
141	94.1	50.6	76.0	





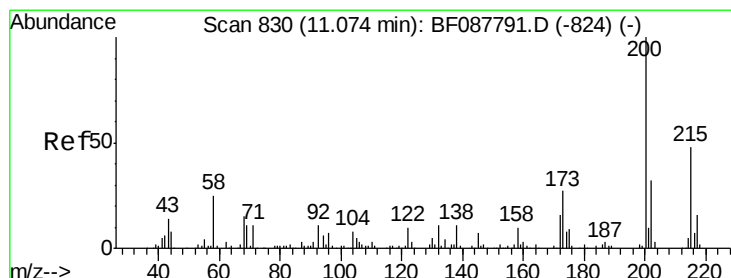
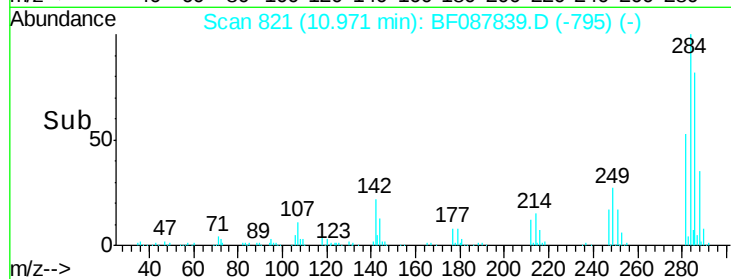
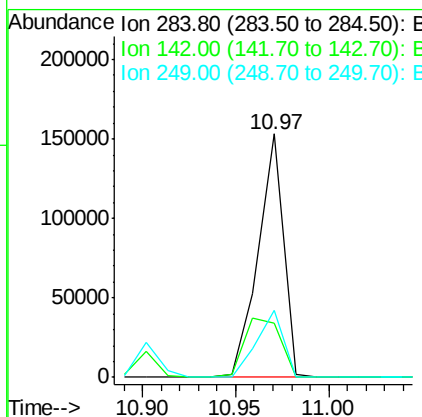
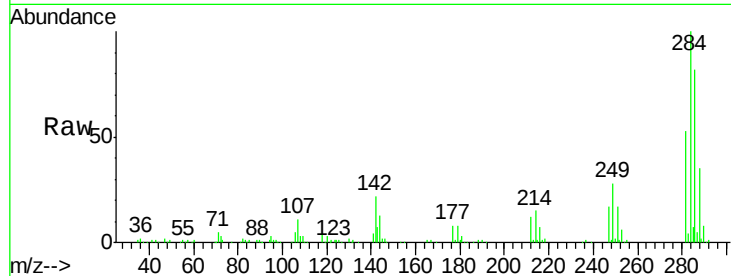
#67
Hexachlorobenzene
Concen: 46.62 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	143789		
142	22.0	35.8	53.8	#
249	27.7	25.8	38.6	

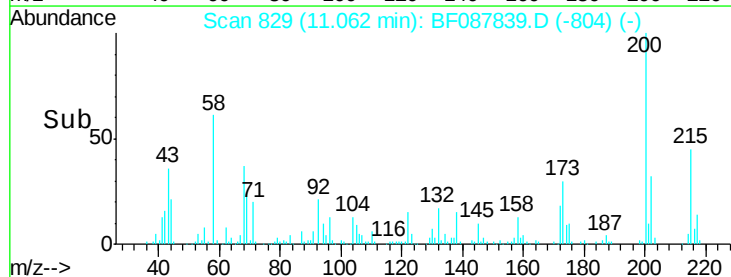
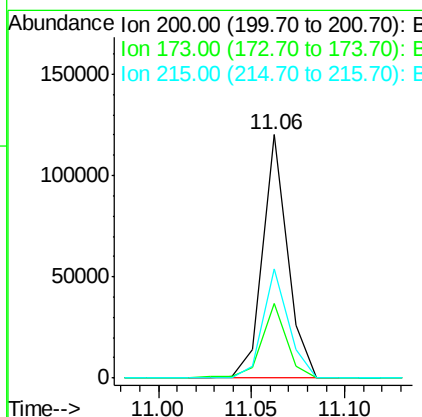
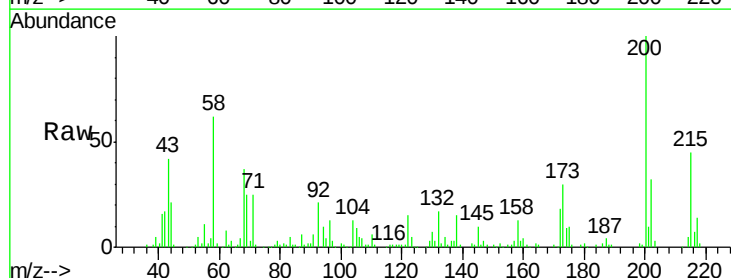
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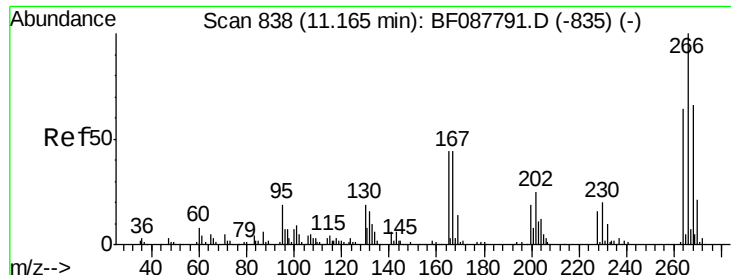
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#68
Atrazine
Concen: 39.82 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	110691		
173	30.4	4.0	44.0	
215	45.1	29.3	69.3	





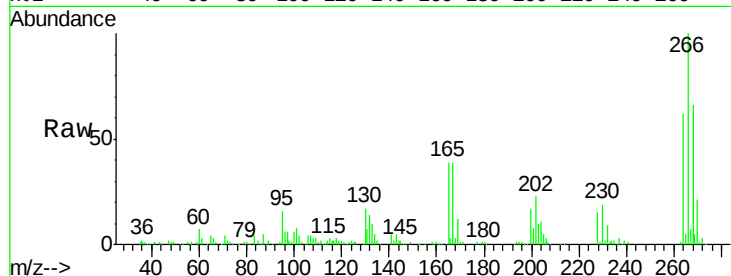
#69
 Pentachlorophenol
 Concen: 91.80 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

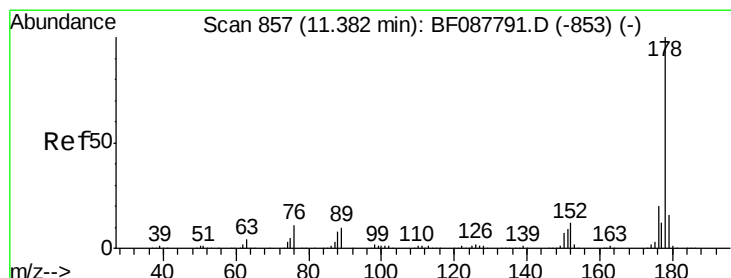
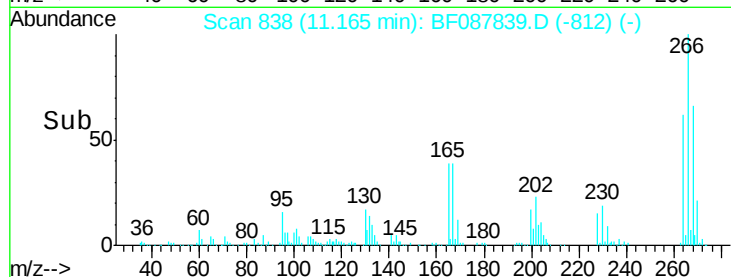
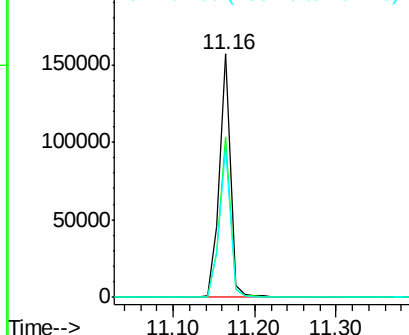
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	52.8	79.2
264	61.8	49.6	74.4

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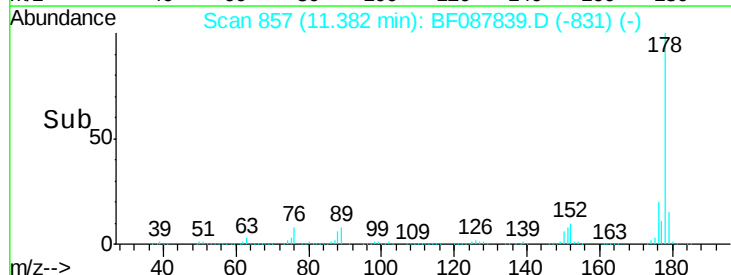
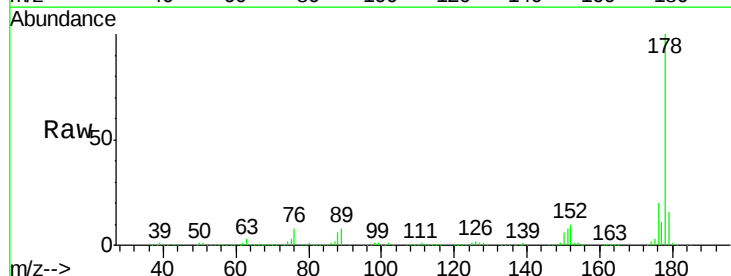
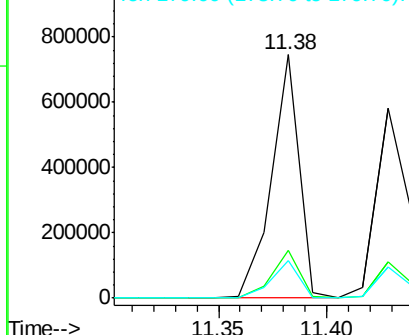
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

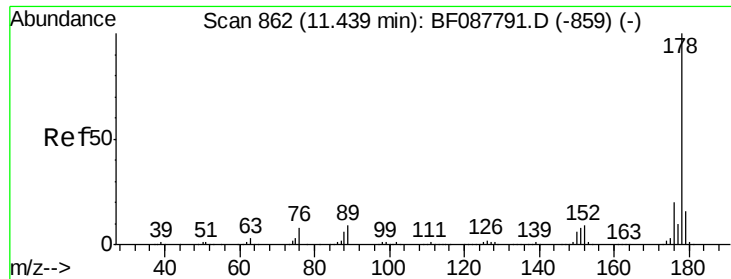


#70
 Phenanthrene
 Concen: 45.92 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.6	13.0	19.4

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





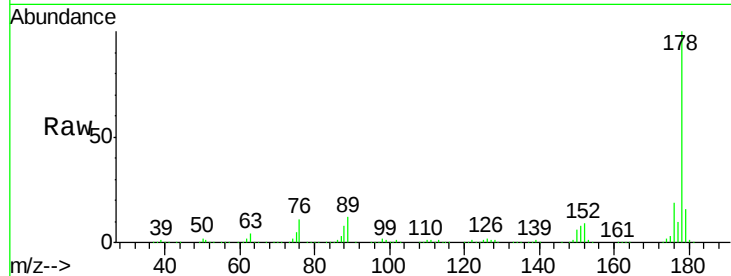
#71
 Anthracene
 Concen: 40.55 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

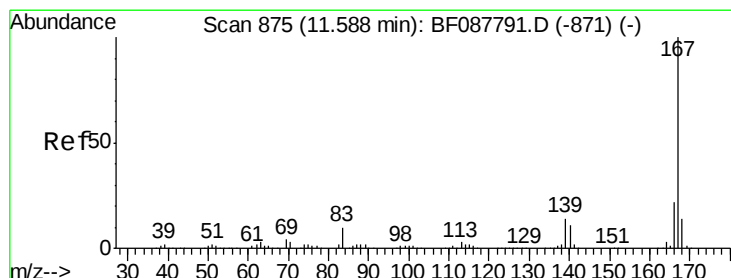
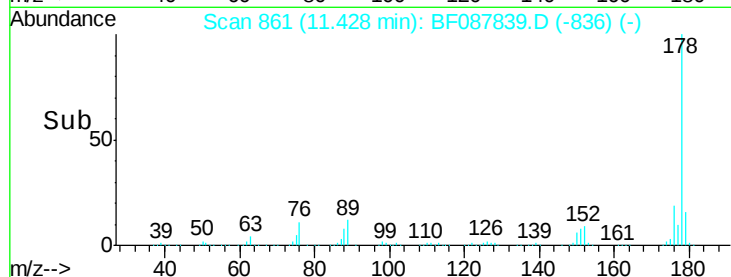
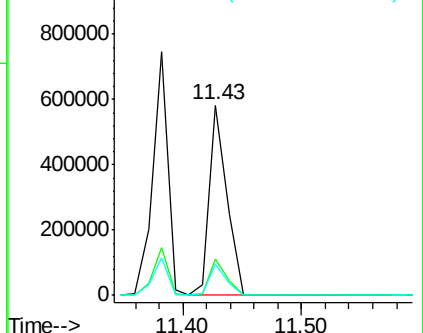
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.1	12.8	19.2

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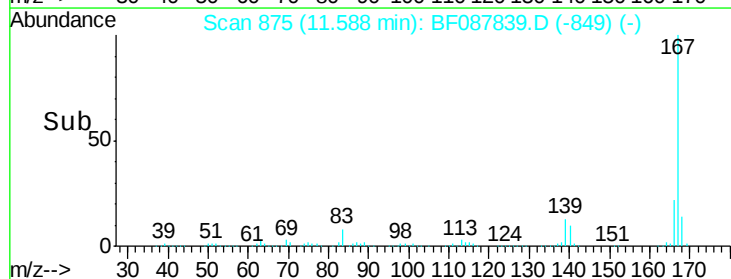
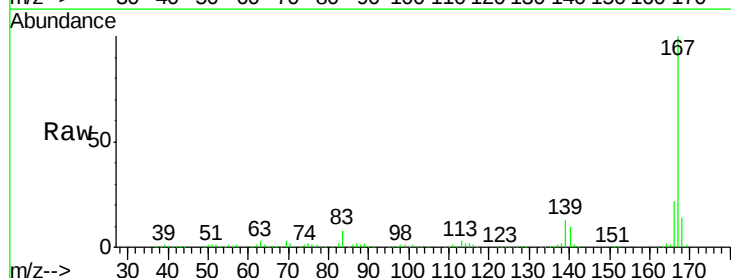
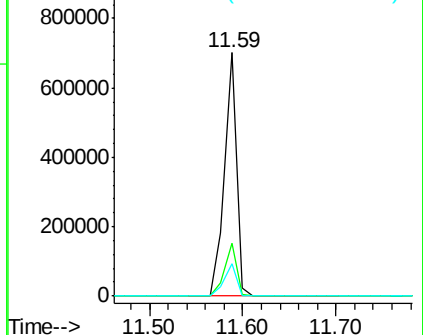
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

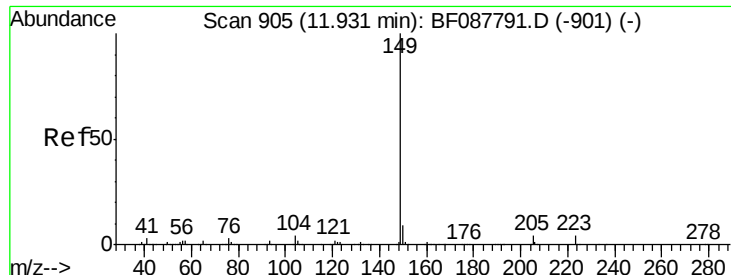


#72
 Carbazole
 Concen: 45.73 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.3	11.2	16.8

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: 45.48 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

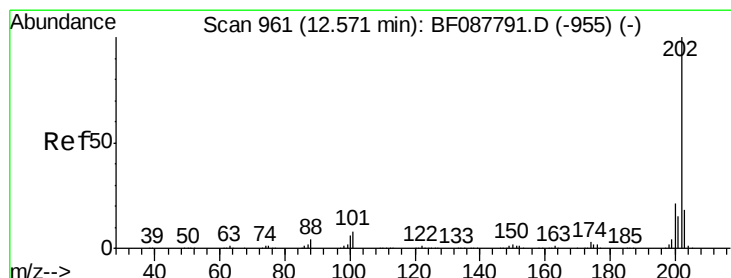
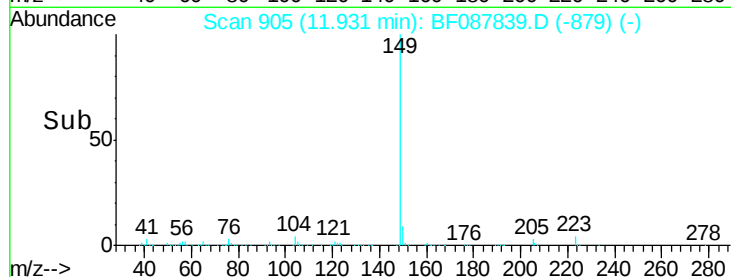
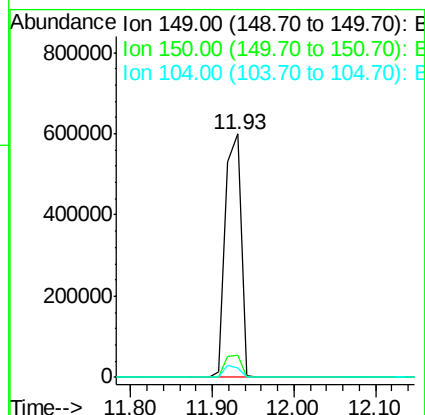
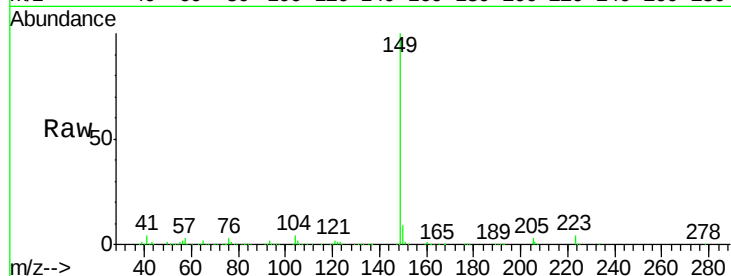
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	149	Resp:	788962
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.6	4.0	6.0

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#74

Fluoranthene

Concen: 40.86 ng

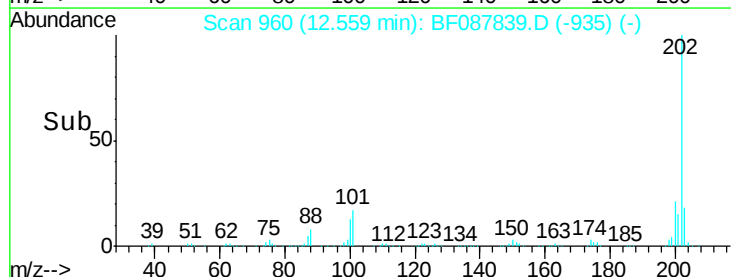
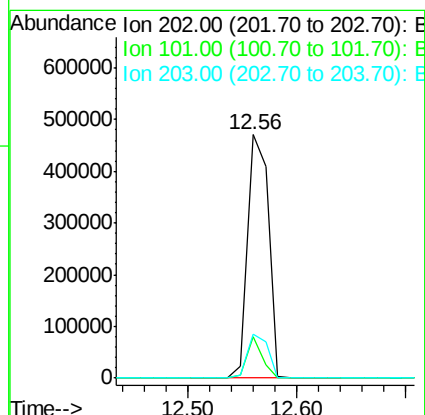
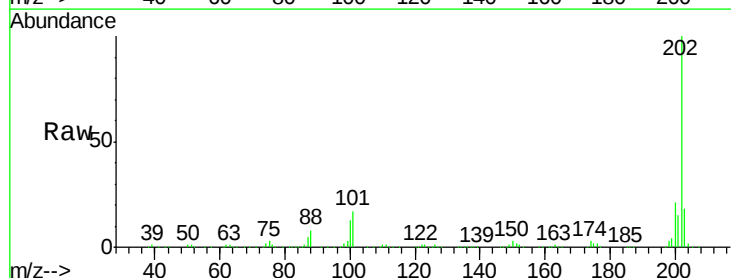
RT: 12.56 min Scan# 960

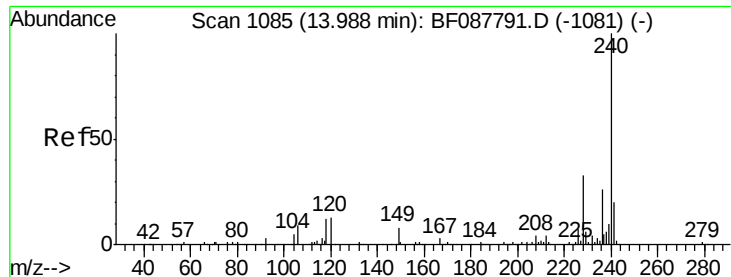
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	202	Resp:	625979
Ion Ratio	Lower	Upper	
202	100		
101	17.1	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

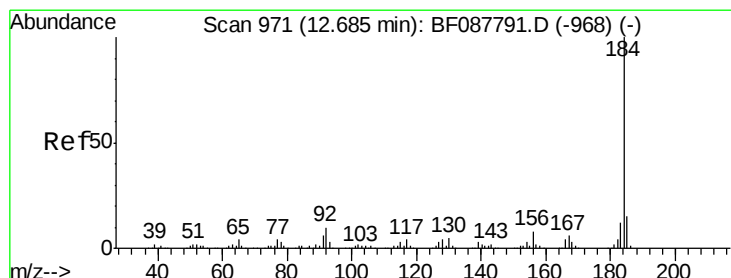
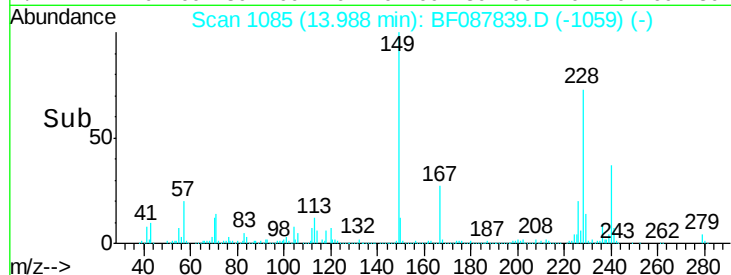
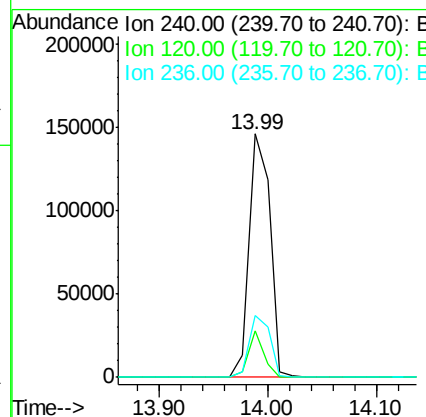
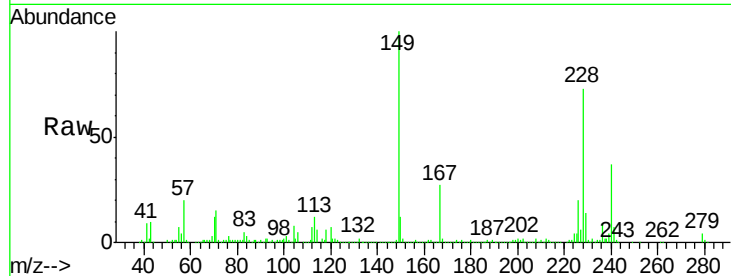
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	240	Resp:	194547
Ion Ratio		Lower	Upper
240	100		
120	19.1	6.8	10.2#
236	25.3	20.2	30.2

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#76

Benzidine

Concen: 27.99 ng

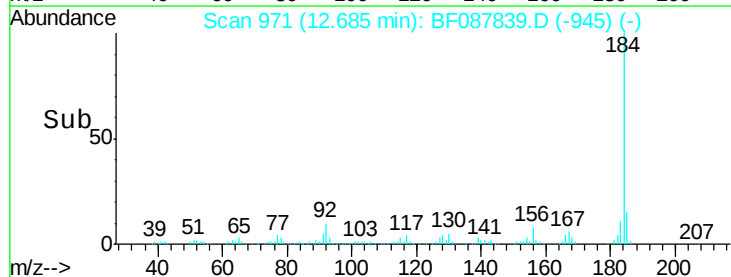
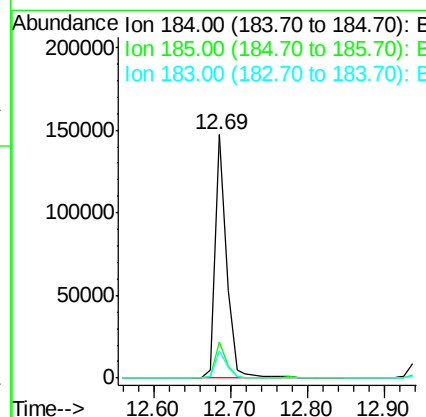
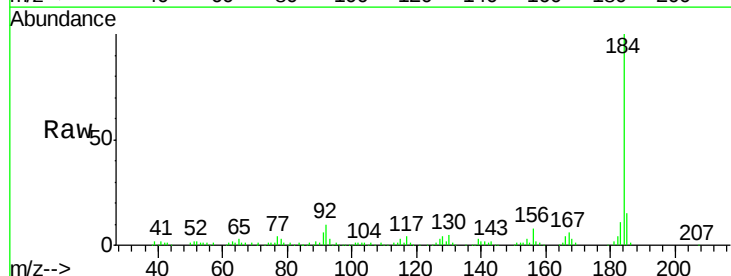
RT: 12.69 min Scan# 971

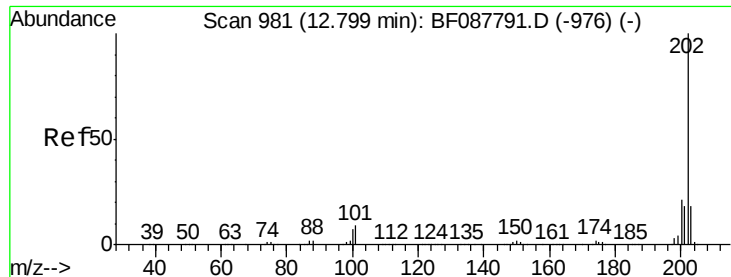
Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	184	Resp:	150796
Ion Ratio		Lower	Upper
184	100		
185	14.9	12.5	18.7
183	11.5	9.3	13.9





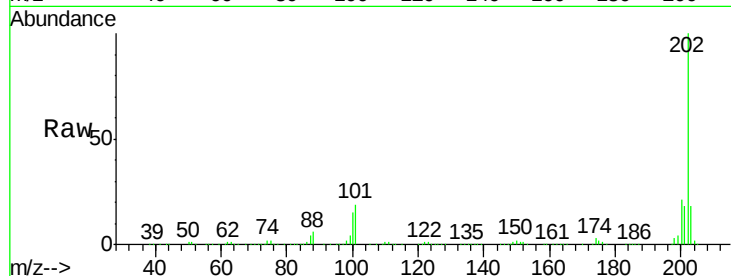
#77
Pvrene
Concen: 43.09 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

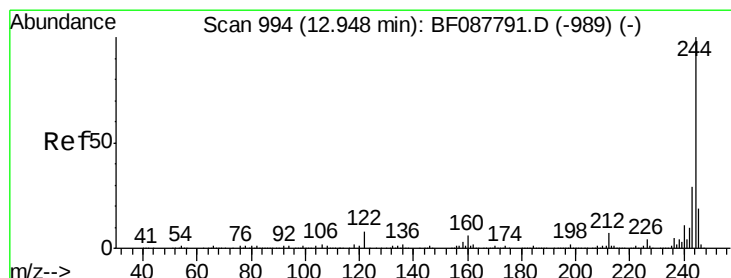
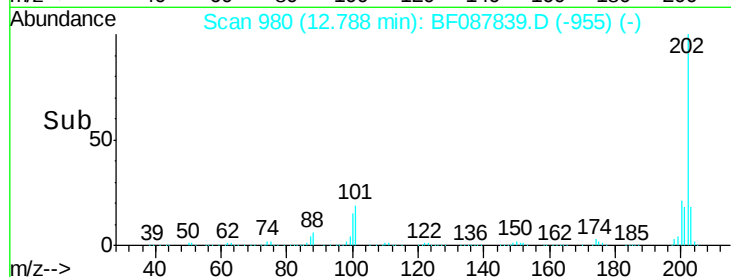
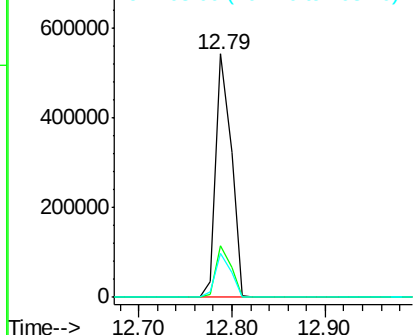
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.5	21.7

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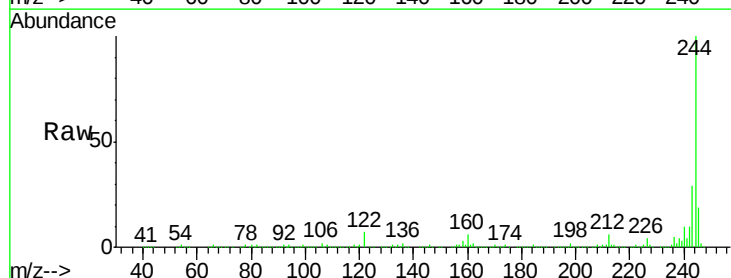


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

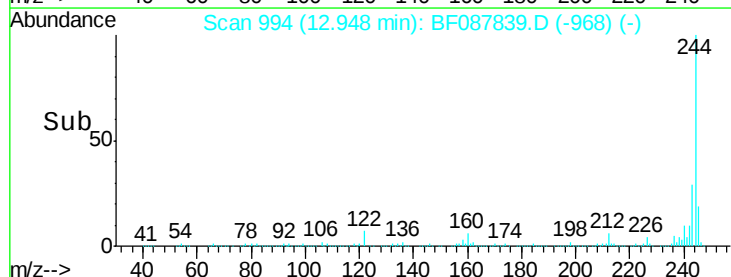
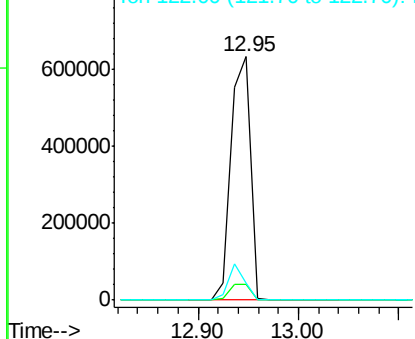


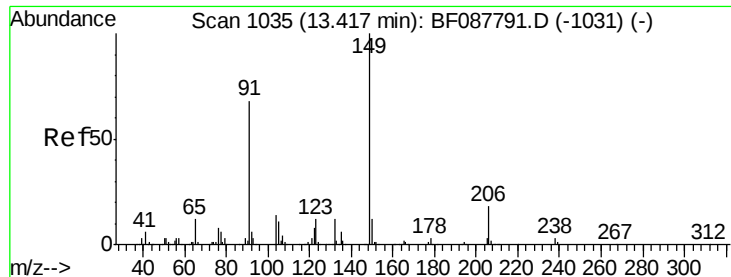
#78
Terphenyl-d14
Concen: 99.31 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	6.0	9.0
122	6.7	11.2	16.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.05 ng

RT: 13.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

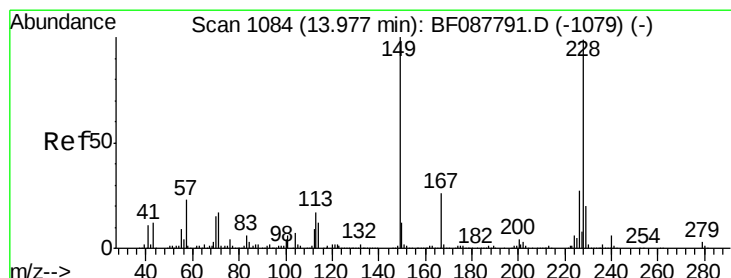
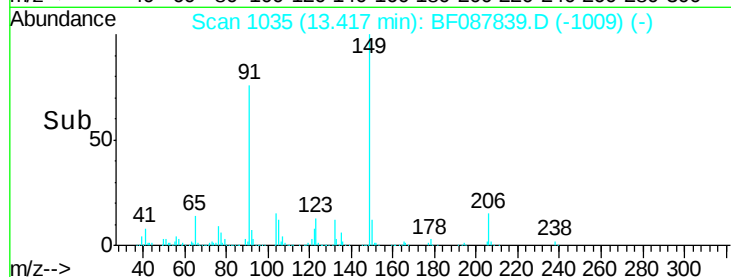
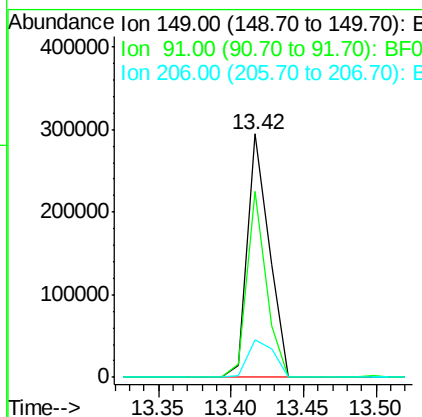
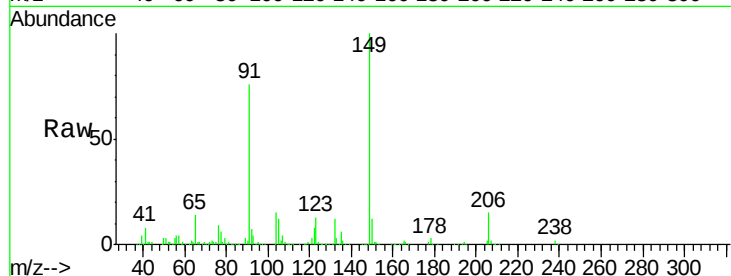
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	149	Resp:	306689
Ion Ratio		Lower	Upper
149	100		
91	76.5	48.0	72.0#
206	15.4	16.0	24.0#

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#80

Benzo(a)anthracene

Concen: 48.30 ng

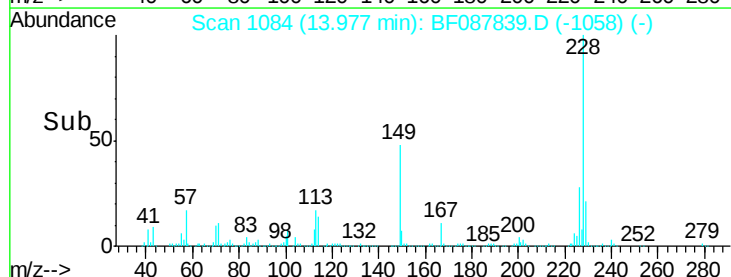
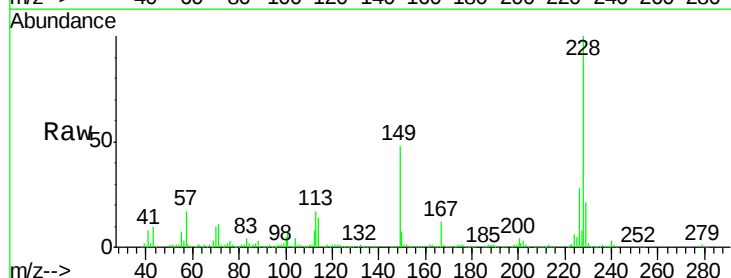
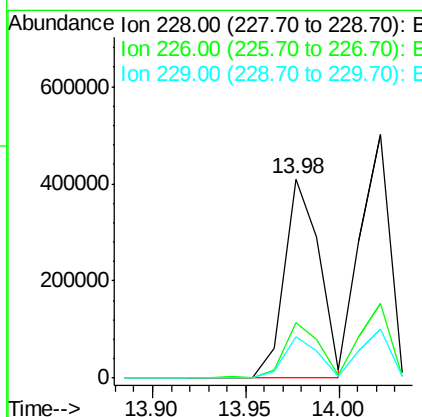
RT: 13.98 min Scan# 1084

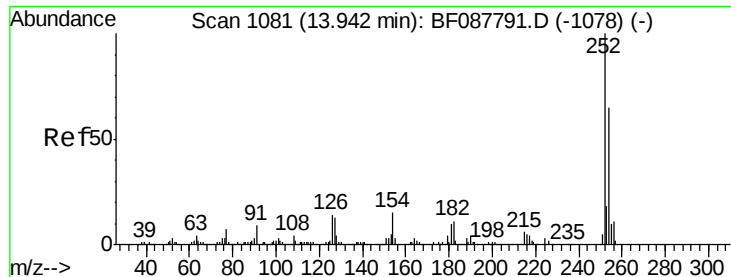
Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	228	Resp:	535452
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.5	16.0	24.0





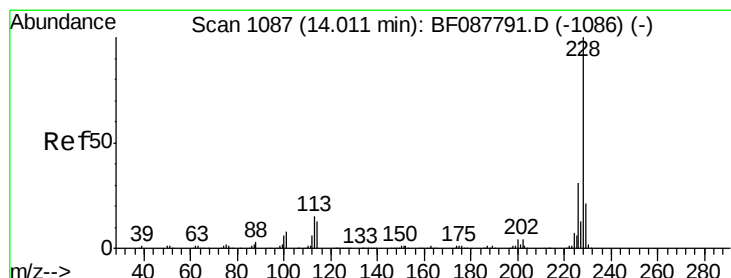
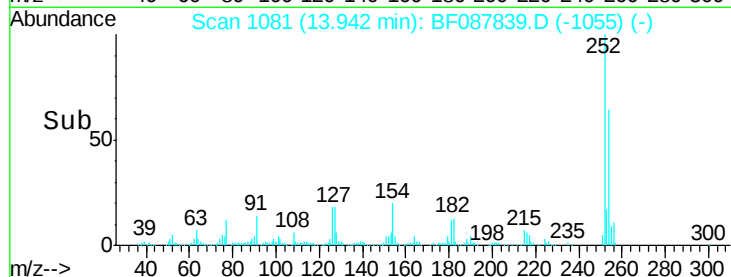
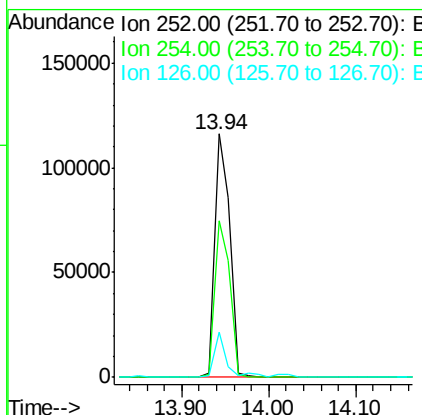
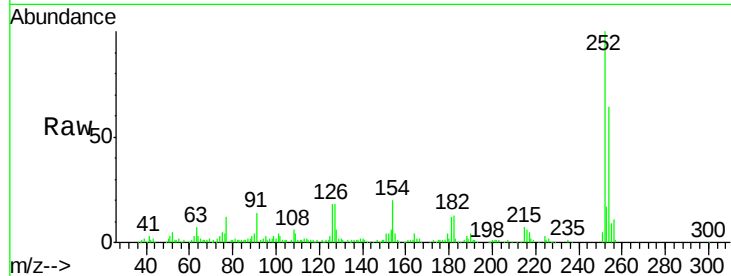
#81
 3,3'-Dichlorobenzidine
 Concen: 48.10 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	18.4	6.2	9.2

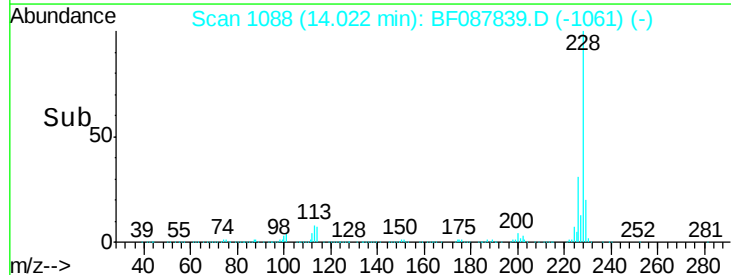
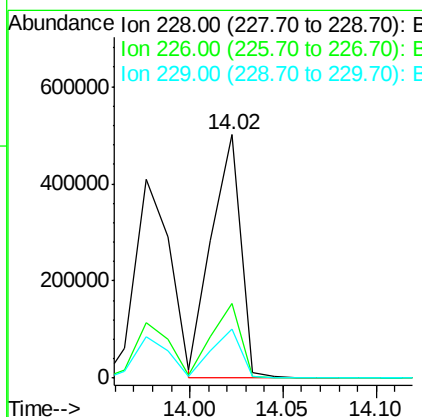
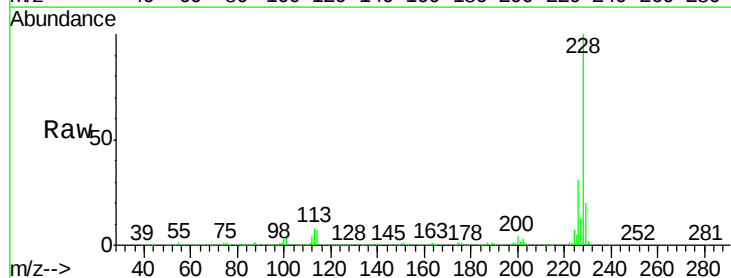
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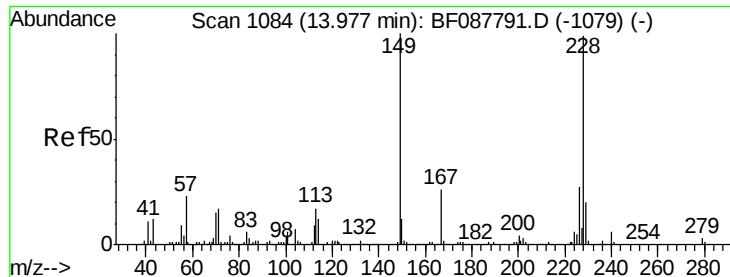
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#82
 Chrysene
 Concen: 52.28 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.11 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

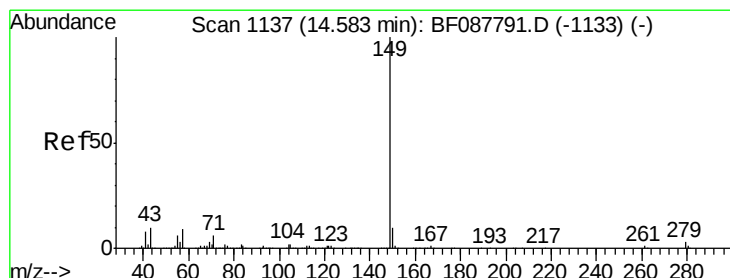
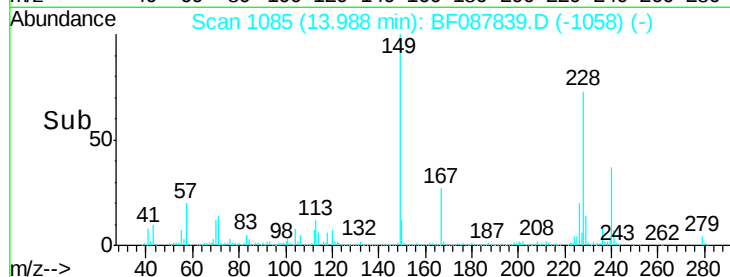
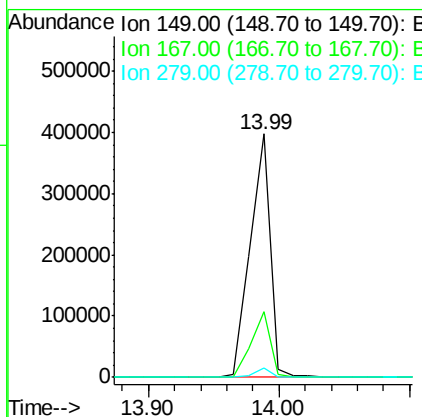
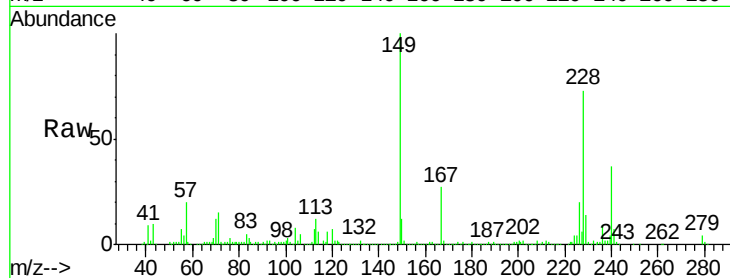
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	149	Resp:	420401
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.5	30.7
279	3.8	2.0	3.0#

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#84

Di-n-octyl phthalate

Concen: 57.61 ng

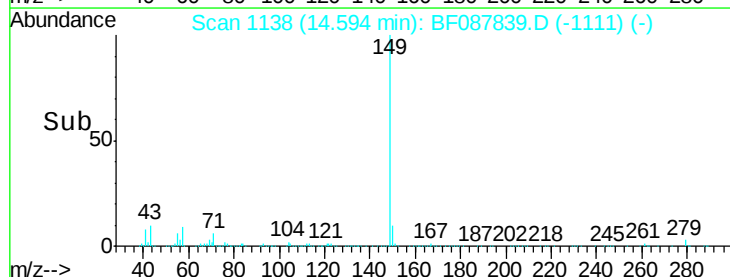
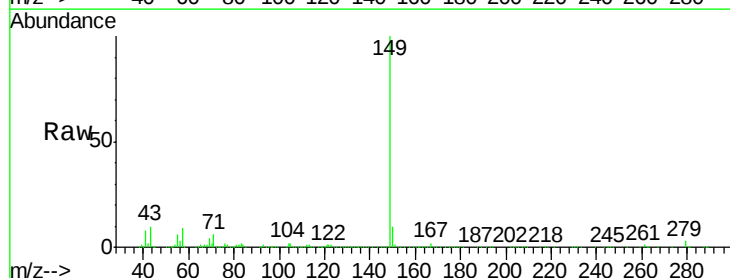
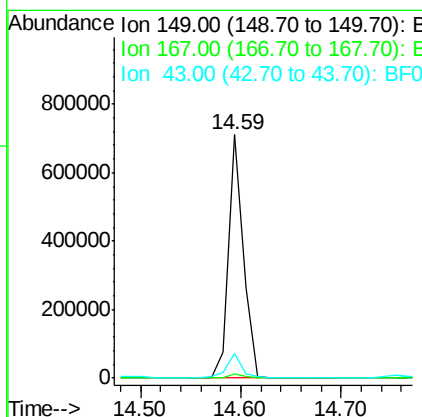
RT: 14.59 min Scan# 1138

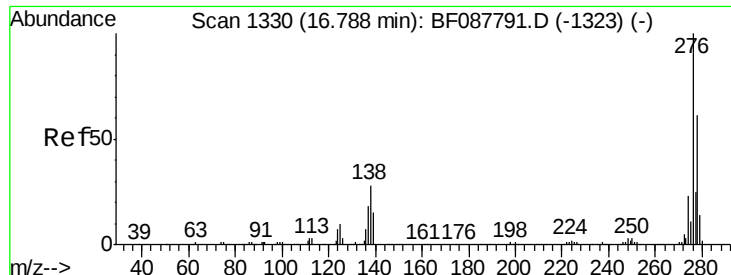
Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	149	Resp:	727339
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	9.2	0.0	0.0#





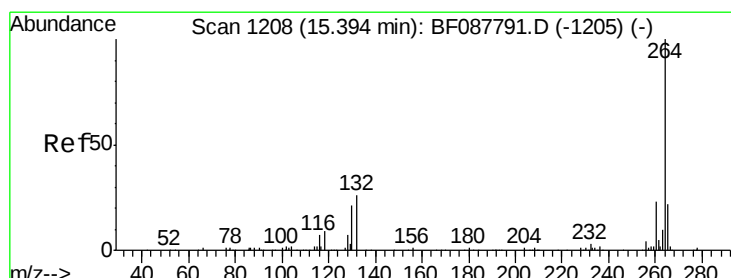
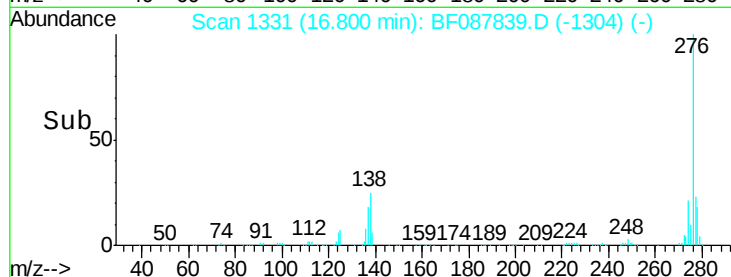
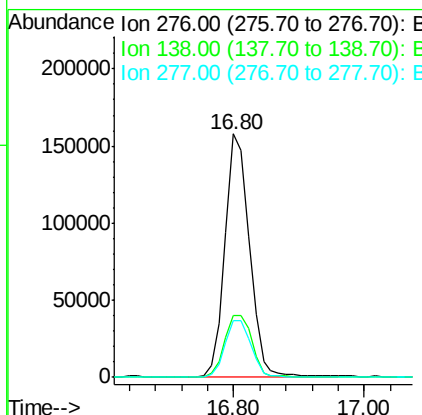
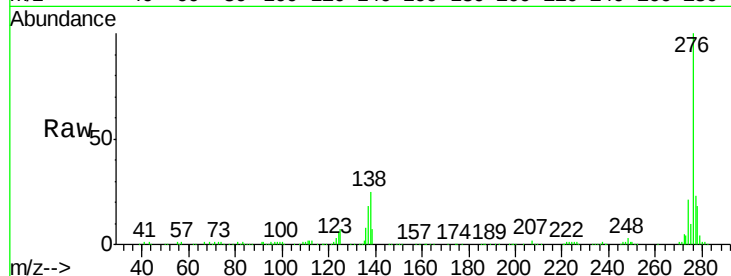
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.69 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	25.6	0.0	0.0#

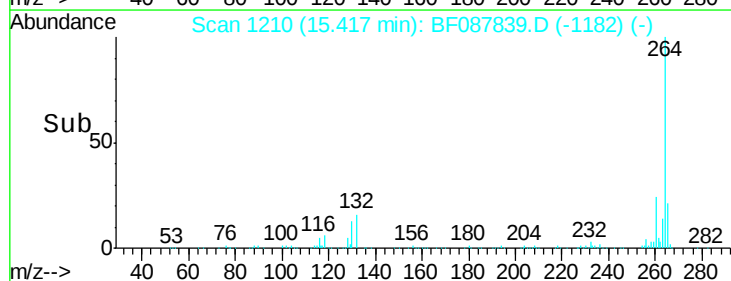
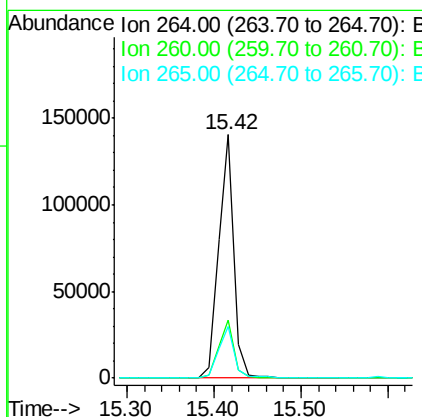
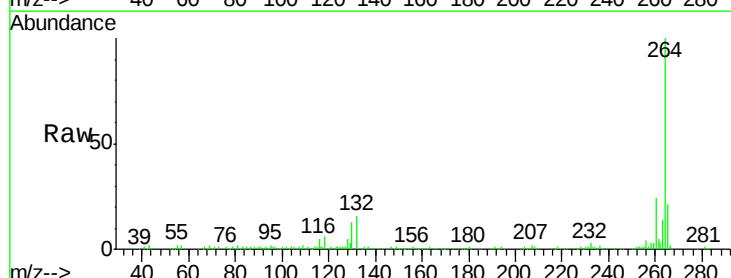
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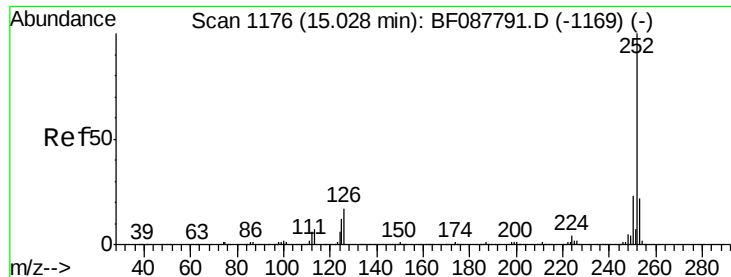
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 37.32 ng m

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

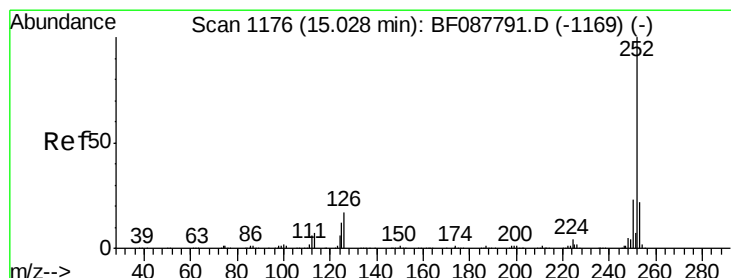
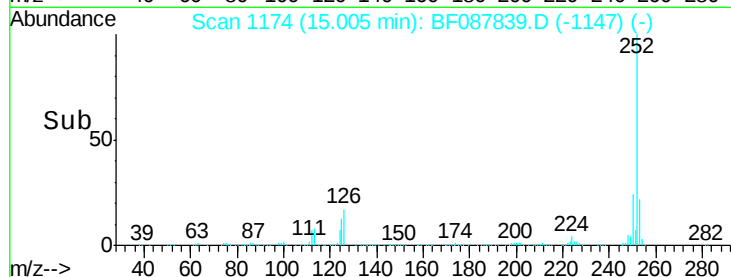
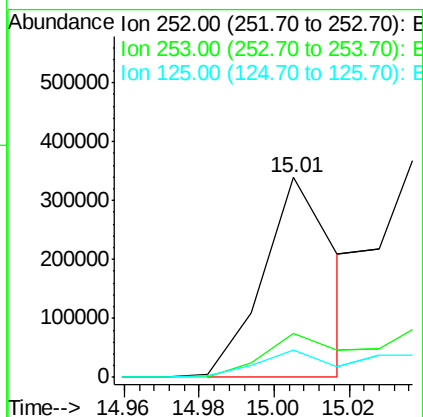
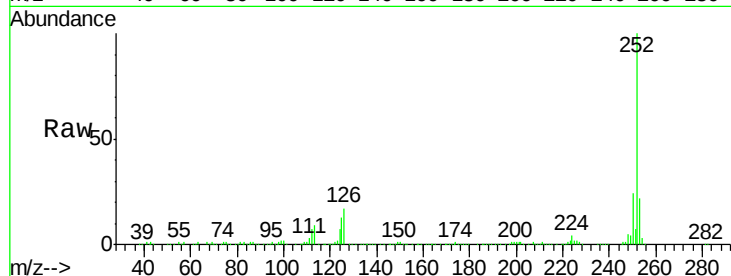
ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	252	Resp:	450286
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	13.4	7.1	10.7#

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#88

Benzo(k)fluoranthene

Concen: 50.61 ng m

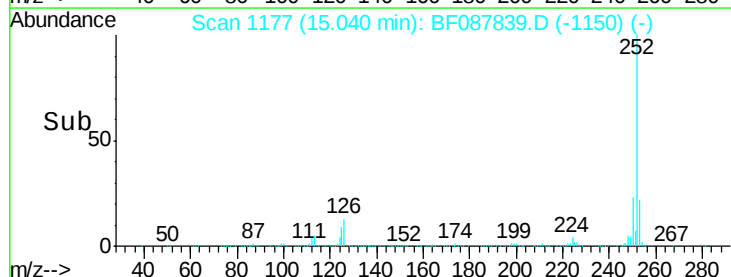
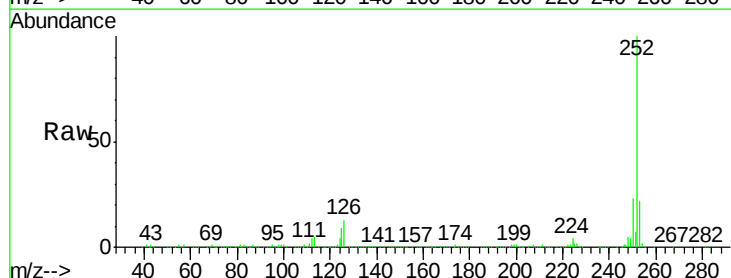
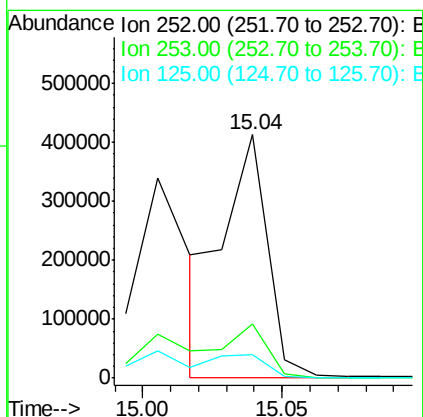
RT: 15.04 min Scan# 1177

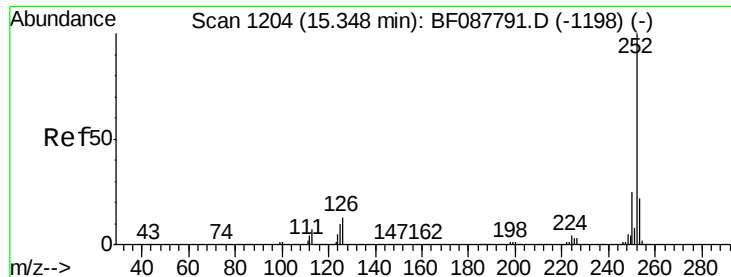
Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	252	Resp:	460655
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	9.5	11.2	16.8#





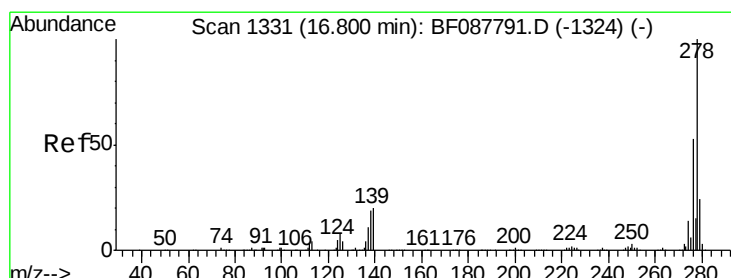
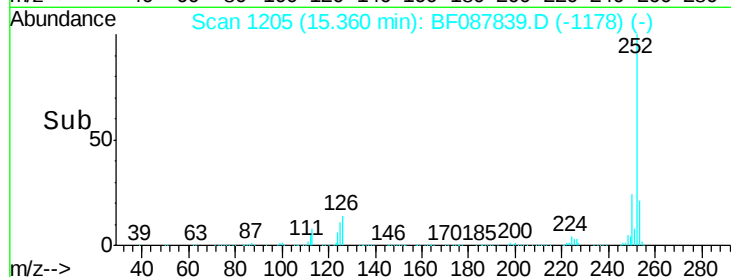
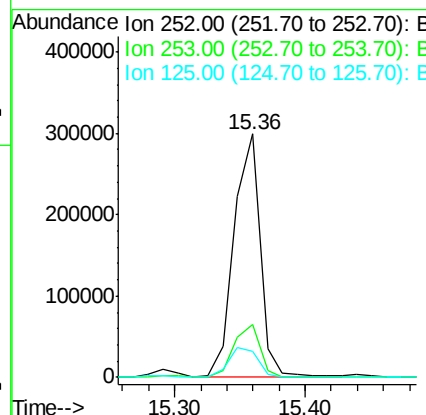
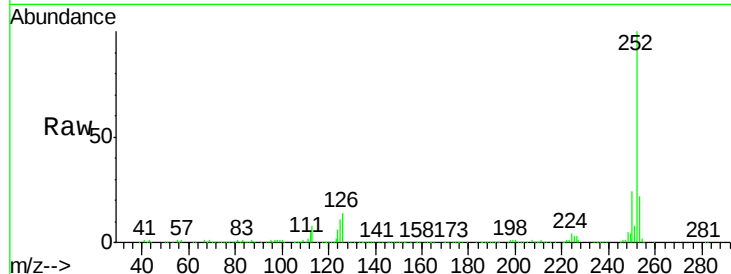
#89
Benzo(a)pyrene
Concen: 42.35 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.5	12.5	18.7

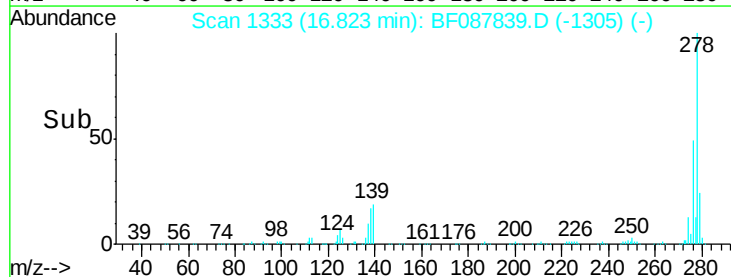
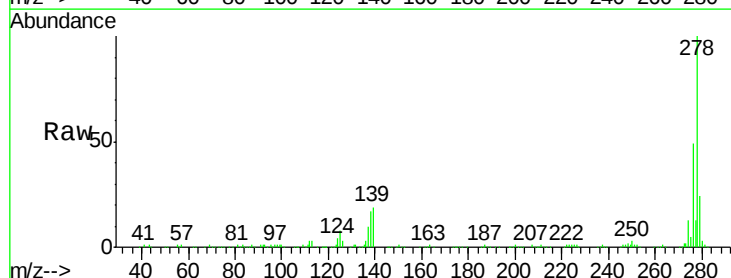
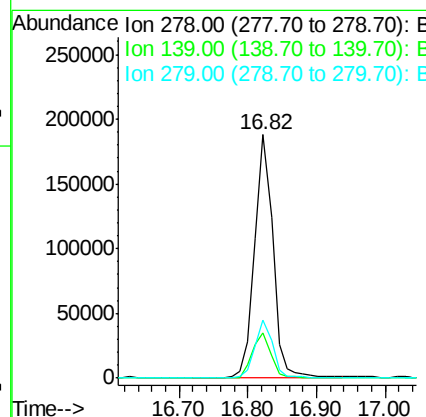
Manual Integrations
APPROVED

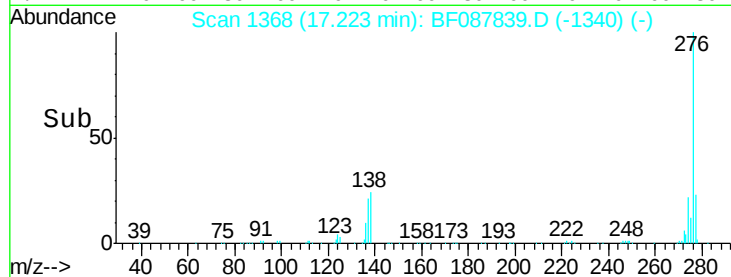
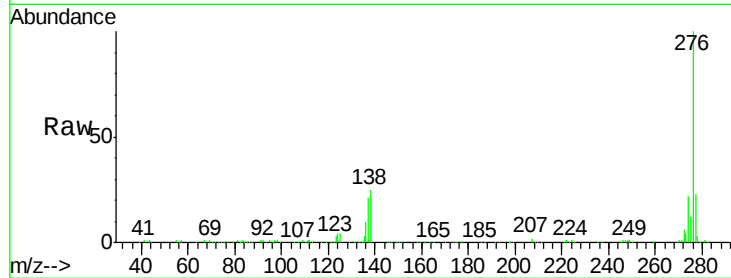
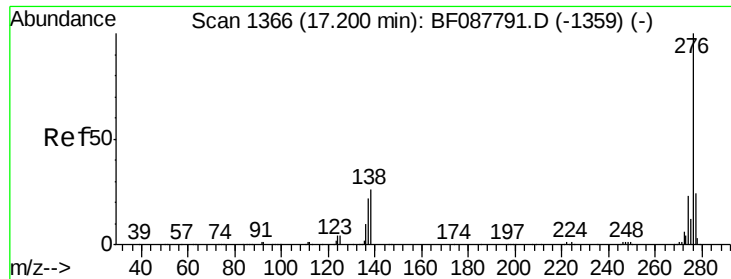
sohil
6/9/2016 7:58:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.16 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	24.0	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 36.38 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tot Ion:	276	Resp:	339338
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	24.6	21.4	32.2

Manual Integrations
APPROVED

sohil
6/9/2016 7:58:50 PM

