

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087388.D
 Acq On : 26 May 2016 00:46
 Operator : UM/SJ
 Sample : PB90852BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Manual Integrations
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 5/26/2016 6:37:19 PM

Quant Time: May 26 04:29:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109761	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	439800	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	182016	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	295520	20.00	ng	0.00
75) Chrysene-d12	18.47	240	237757	20.00	ng	-0.01
86) Perylene-d12	20.14	264	168844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	833290	133.40	ng	0.02
7) Phenol-d6	7.07	99	1037756	122.95	ng	0.00
23) Nitrobenzene-d5	8.43	82	698798	80.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	190725	109.04	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1140784	88.36	ng	0.00
78) Terphenyl-d14	17.13	244	829092	74.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.92	88	100670	30.54	ng	# 65
3) Pyridine	2.50	79	257357	35.72	ng	# 64
4) n-Nitrosodimethylamine	2.47	42	221161	39.83	ng	# 46
6) Aniline	7.02	93	257231	23.56	ng	94
8) 2-Chlorophenol	7.20	128	316631	40.65	ng	91
9) Benzaldehyde	6.84	77	40079	8.60	ng	96
10) Phenol	7.08	94	355864	38.61	ng	77
11) bis(2-Chloroethyl)ether	7.16	93	295474	39.61	ng	88
12) 1,3-Dichlorobenzene	7.42	146	326390	38.41	ng	# 93
13) 1,4-Dichlorobenzene	7.54	146	326725m	37.46	ng	
14) 1,2-Dichlorobenzene	7.78	146	314711	39.01	ng	100
15) Benzyl Alcohol	7.82	79	286378	46.54	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	605722	36.09	ng	77
17) 2-Methylphenol	8.03	107	255445	40.92	ng	# 88
18) Hexachloroethane	8.30	117	102578	31.52	ng	95
19) n-Nitroso-di-n-propylamine	8.24	70	252384	40.09	ng	# 70
20) 3+4-Methylphenols	8.28	107	339562	44.99	ng	# 57
22) Acetophenone	8.20	105	450171	42.85	ng	# 97
24) Nitrobenzene	8.47	77	365613	39.69	ng	96
25) Isophorone	8.86	82	624027	39.87	ng	98
26) 2-Nitrophenol	8.97	139	140680	37.36	ng	# 75
27) 2,4-Dimethylphenol	9.11	122	272398	41.67	ng	# 83
28) bis(2-Chloroethoxy)methane	9.24	93	374631	42.50	ng	98
29) 2,4-Dichlorophenol	9.38	162	243531	41.34	ng	96
30) 1,2,4-Trichlorobenzene	9.47	180	265256	39.33	ng	97
31) Naphthalene	9.59	128	883726	40.10	ng	100
32) Benzoic acid	9.42	122	102416	32.56	ng	# 82
33) 4-Chloroaniline	9.74	127	127763	15.74	ng	# 94
34) Hexachlorobutadiene	9.80	225	153269	37.39	ng	98
35) Caprolactam	10.34	113	75933	44.17	ng	# 50
36) 4-Chloro-3-methylphenol	10.59	107	276610	41.53	ng	94
37) 2-Methylnaphthalene	10.71	142	542500m	39.40	ng	
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	234085	40.18	ng	98
40) Hexachlorocyclopentadiene	10.96	237	15601	15.20	ng	97

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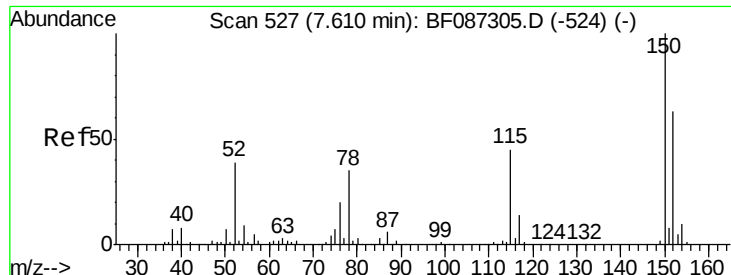
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	148192	44.07	nq	93
43) 2,4,5-Trichlorophenol	11.29	196	145650	42.53	nq #	92
45) 1,1'-Biphenyl	11.49	154	669538	43.69	nq	99
46) 2-Chloronaphthalene	11.50	162	485423	41.40	nq	97
47) 2-Nitroaniline	11.71	65	201576	47.72	nq	91
48) Acenaphthylene	12.15	152	753928	40.62	nq	99
49) Dimethylphthalate	12.03	163	620183	42.53	nq	99
50) 2,6-Dinitrotoluene	12.13	165	121039	41.20	nq	95
51) Acenaphthene	12.43	154	461570	40.46	nq	98
52) 3-Nitroaniline	12.39	138	102472	33.98	nq #	92
53) 2,4-Dinitrophenol	12.61	184	18231	17.68	nq #	82
54) Dibenzofuran	12.72	168	678264	43.91	nq	97
55) 4-Nitrophenol	12.77	139	132000	91.77	nq #	59
56) 2,4-Dinitrotoluene	12.78	165	145493	37.05	nq #	82
57) Fluorene	13.27	166	521364	38.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	113320m	43.01	nq	
59) Diethylphthalate	13.18	149	585415	41.30	nq	100
60) 4-Chlorophenyl-phenylether	13.30	204	252612	38.67	nq	92
61) 4-Nitroaniline	13.38	138	101359	36.02	nq #	65
62) Azobenzene	13.55	77	638890	43.44	nq	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	18940	10.08	nq #	64
65) n-Nitrosodiphenylamine	13.51	169	439478	45.98	nq	100
66) 4-Bromophenyl-phenylether	14.08	248	140073	43.33	nq	94
67) Hexachlorobenzene	14.15	284	138944	41.09	nq #	61
68) Atrazine	14.43	200	131717	43.24	nq	94
69) Pentachlorophenol	14.51	266	105180	98.54	nq	96
70) Phenanthrene	14.81	178	692141	42.28	nq	99
71) Anthracene	14.90	178	696977	42.15	nq	99
72) Carbazole	15.19	167	621114	44.04	nq	99
73) Di-n-butylphthalate	15.77	149	808970	44.35	nq #	98
74) Fluoranthene	16.57	202	657988	40.09	nq	96
76) Benzidine	16.80	184	402793	65.84	nq	96
77) Pyrene	16.88	202	680104	39.74	nq	99
79) Butylbenzylphthalate	17.79	149	308153	40.60	nq #	79
80) Benzo(a)anthracene	18.46	228	568516	42.04	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	164190	21.98	nq #	97
82) Chrysene	18.50	228	547350	40.78	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	418203	37.76	nq #	96
84) Di-n-octyl phthalate	19.31	149	701262	41.52	nq #	86
85) Indeno(1,2,3-cd)pyrene	21.36	276	369783	34.37	nq	94
87) Benzo(b)fluoranthene	19.73	252	429768m	39.96	nq	
88) Benzo(k)fluoranthene	19.76	252	454002m	49.04	nq	
89) Benzo(a)pyrene	20.08	252	408383	43.90	nq	98
90) Dibenzo(a,h)anthracene	21.36	278	314678	39.66	nq	97
91) Benzo(g,h,i)perylene	21.70	276	300981	38.45	nq	95

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



#1

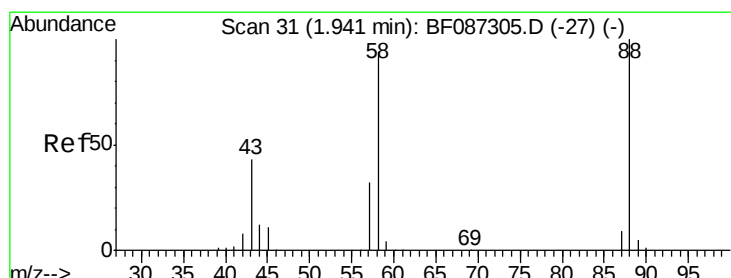
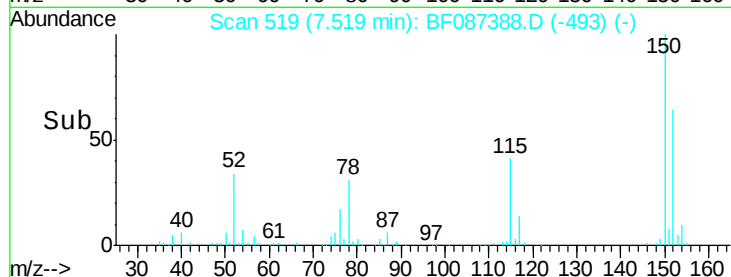
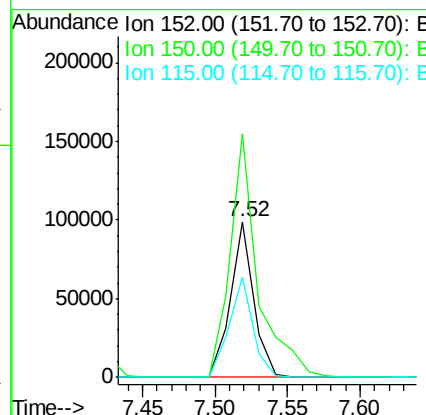
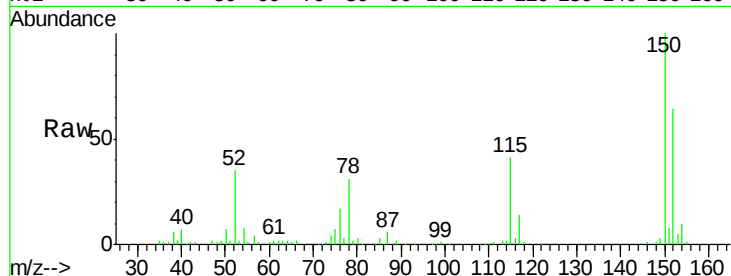
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	64.7	51.5	77.3

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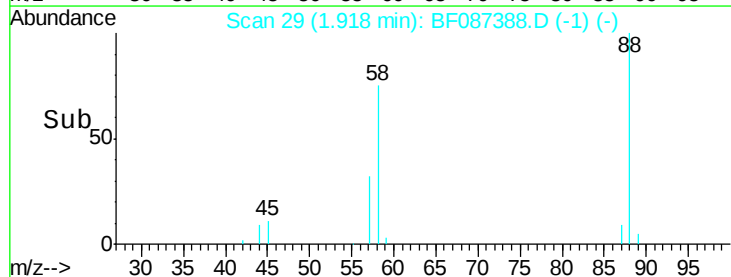
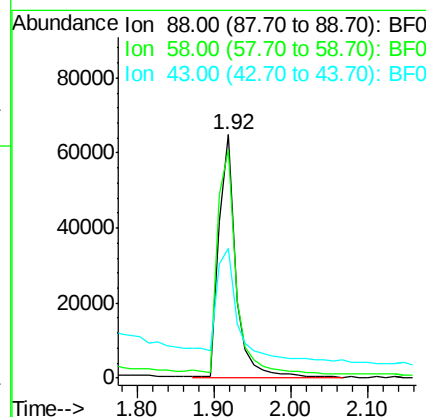
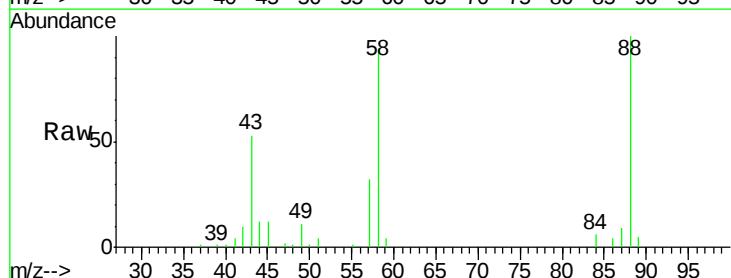
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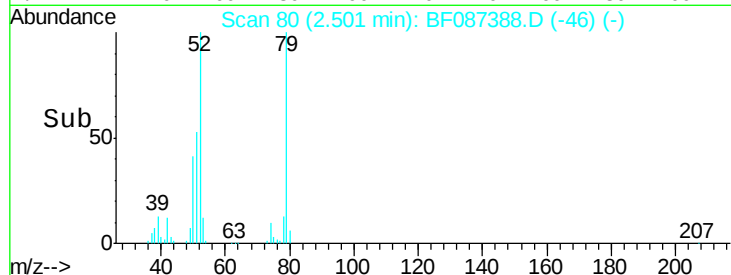
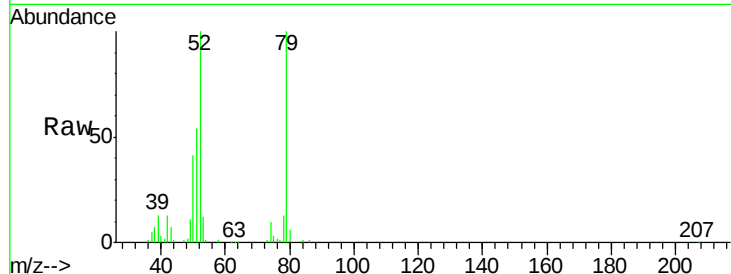


#2

1,4-Dioxane
Concen: 30.54 ng
RT: 1.92 min Scan# 29
Delta R.T. 0.10 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.8	59.6	89.4#
43	56.5	21.8	32.6#





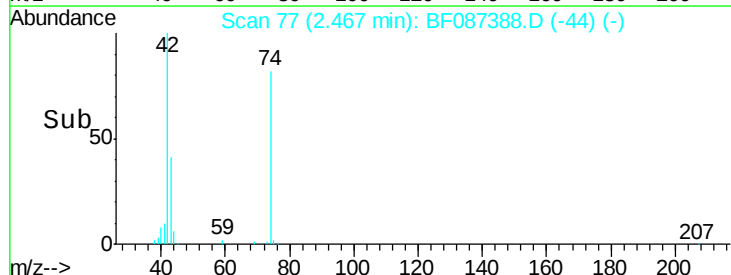
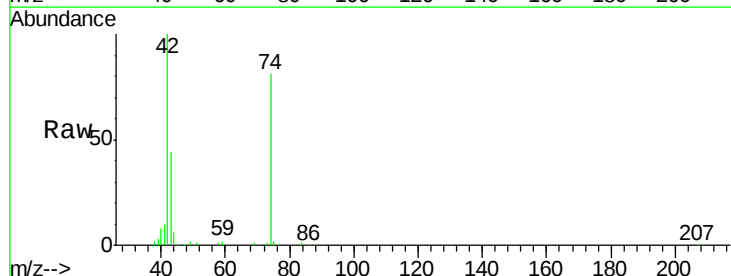
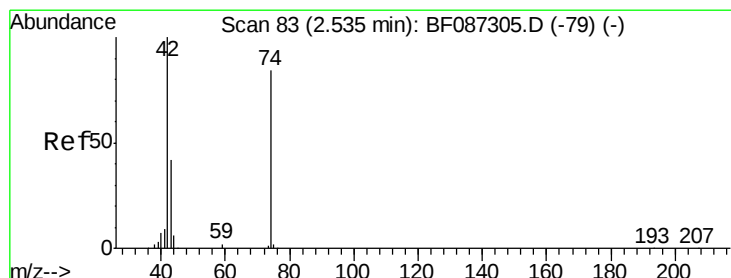
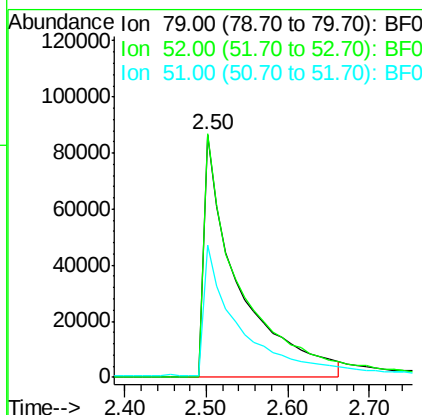
#3
 Pvridine
 Concen: 35.72 ng
 RT: 2.50 min Scan# 80
 Delta R.T. 0.09 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	100.4	55.9	83.9#	
51	54.7	28.1	42.1#	

Instrument :
 BNA_F
 ClientSampleID :
 PB90852BS

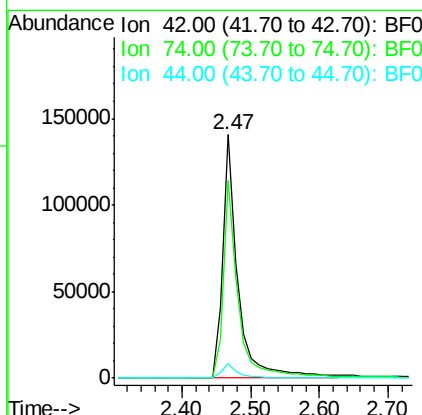
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#4
 n-Nitrosodimethylamine
 Concen: 39.83 ng
 RT: 2.47 min Scan# 77
 Delta R.T. 0.08 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	81.3	123.4	185.0#	
44	6.2	5.8	8.6	





#5

2-Fluorophenol

Concen: 133.40 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

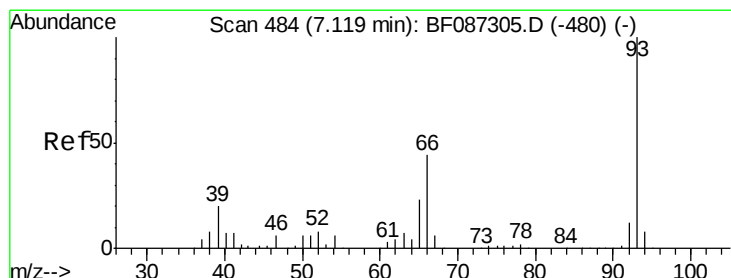
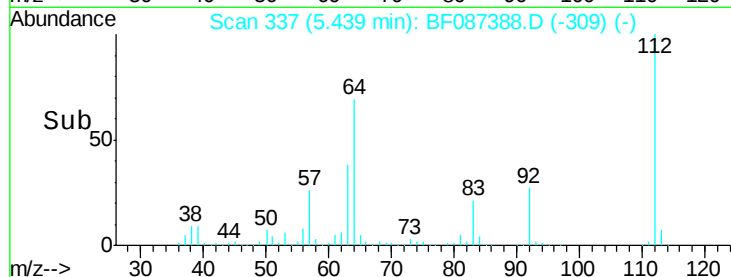
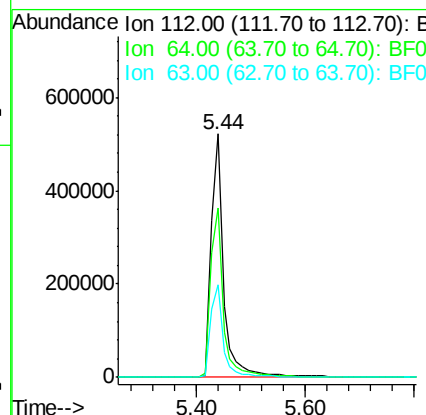
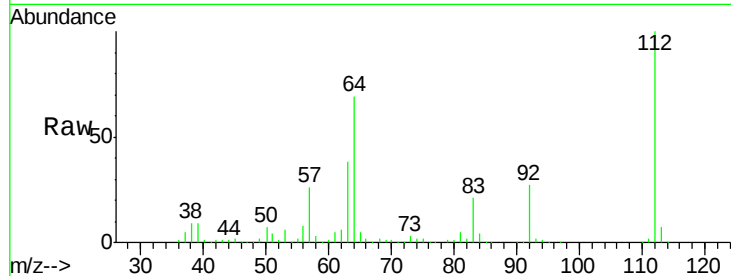
ClientSampleId :

PB90852BS

Tot Ion:	112	Resp:	833290
Ion Ratio	Lower	Upper	
112	100		
64	69.3	52.1	78.1
63	38.0	25.7	38.5

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#6

Aniline

Concen: 23.56 ng

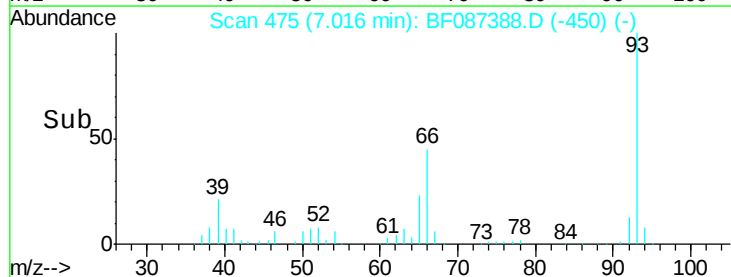
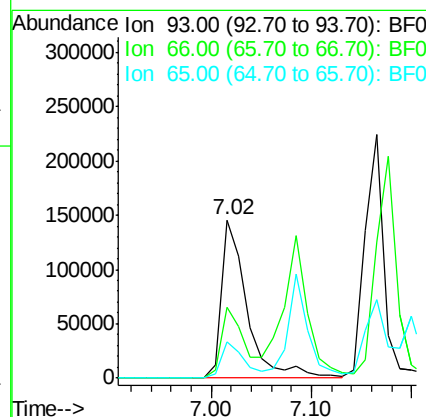
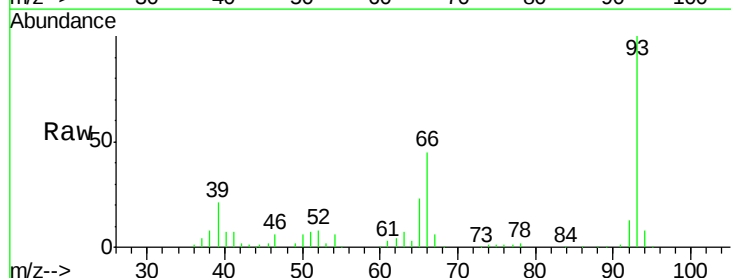
RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	93	Resp:	257231
Ion Ratio	Lower	Upper	
93	100		
66	44.8	39.0	58.6
65	22.7	20.6	31.0





#7

Phenol-d6

Concen: 122.95 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tot Ion: 99 Resp: 1037756

Ion Ratio Lower Upper

99 100

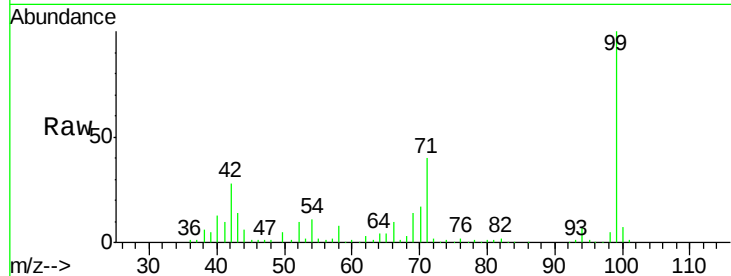
42 28.3 13.6 20.4#

71 39.6 24.6 36.8#

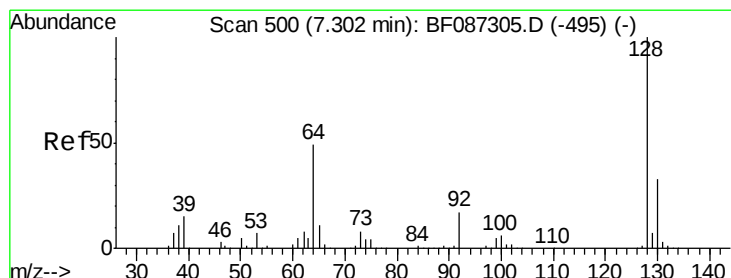
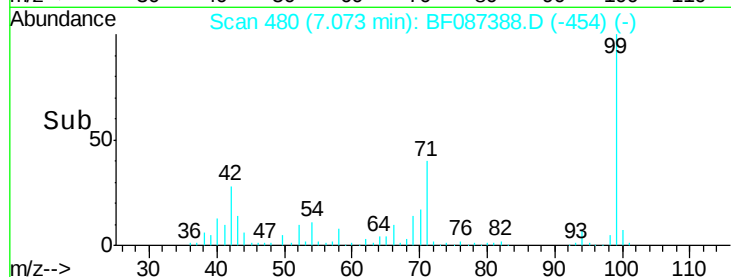
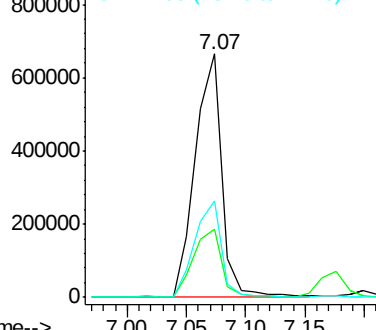
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.65 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

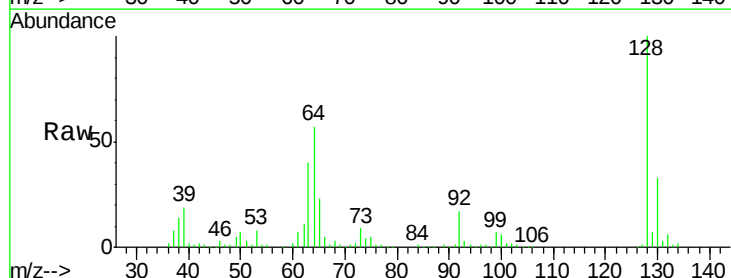
Tgt Ion: 128 Resp: 316631

Ion Ratio Lower Upper

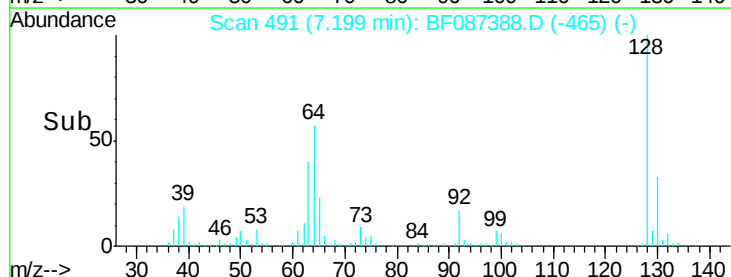
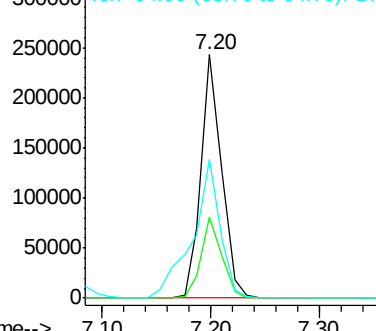
128 100

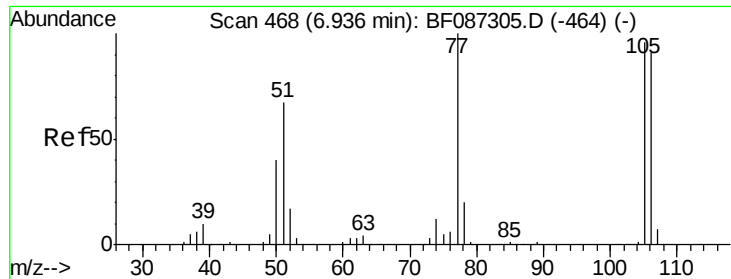
130 33.2 12.5 52.5

64 57.2 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

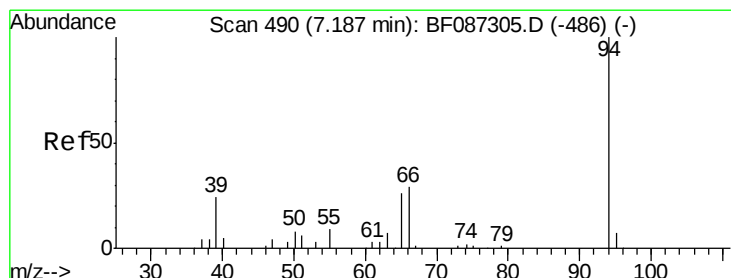
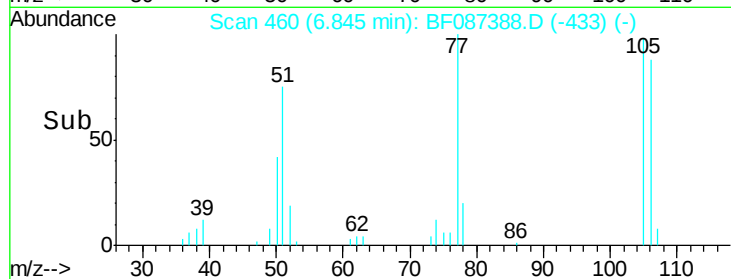
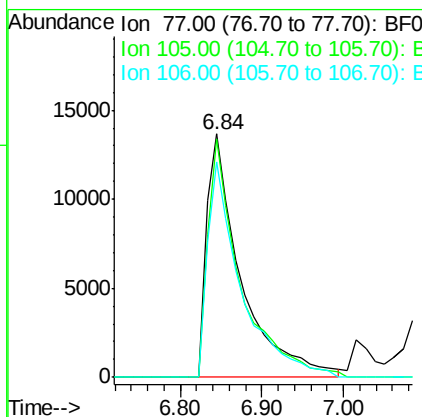
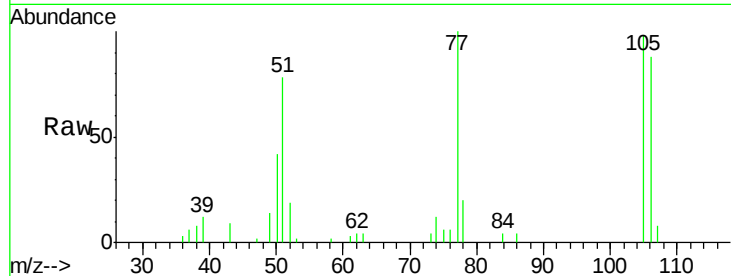
ClientSampleId :

PB90852BS

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Tot Ion:	77	Resp:	40079
Ion	Ratio	Lower	Upper
77	100		
105	98.0	72.7	112.7
106	88.4	70.8	110.8



#10

Phenol

Concen: 38.61 ng

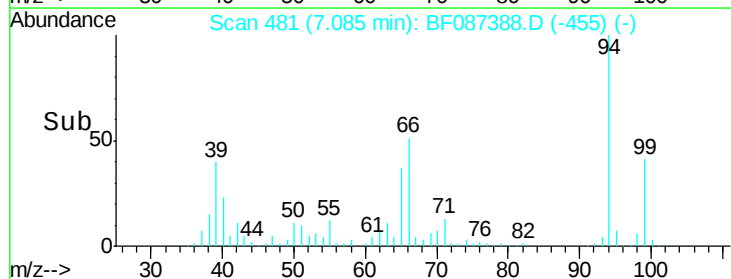
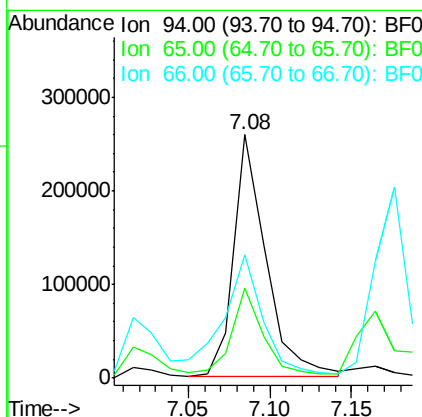
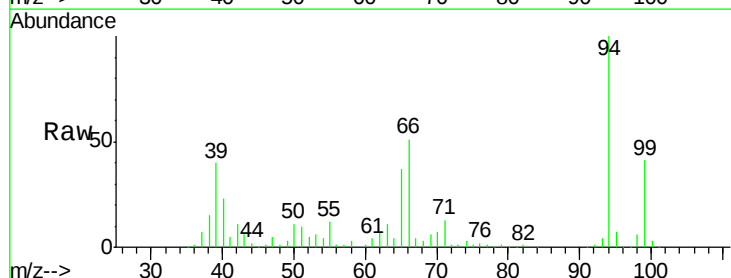
RT: 7.08 min Scan# 481

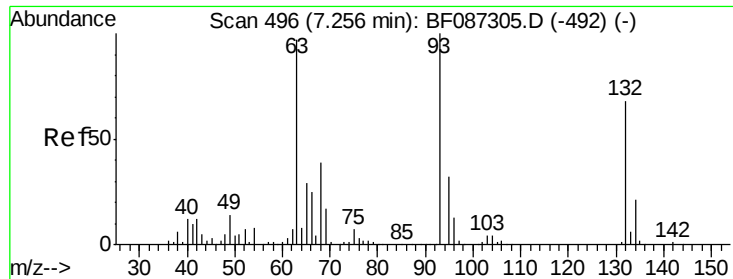
Delta R.T. 0.00 min

Lab File: BF087388.D

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Tgt Ion:	94	Resp:	355864
Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.2	47.2
66	50.7	14.9	54.9





#11

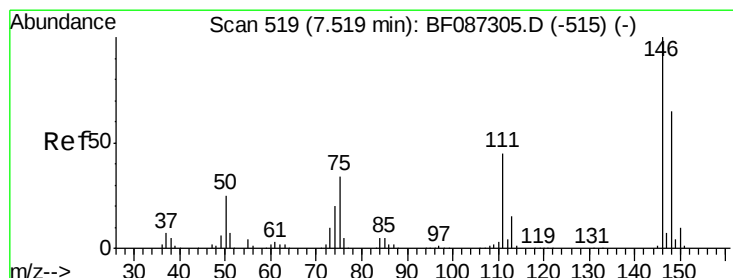
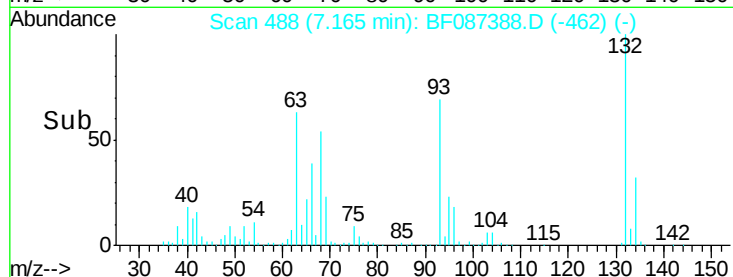
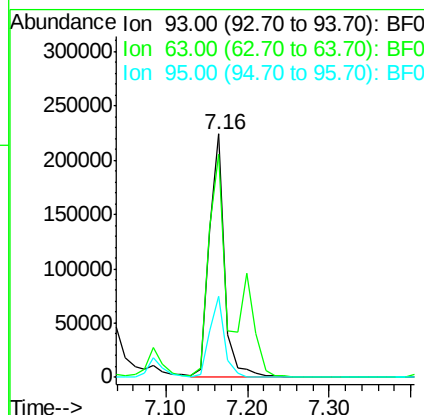
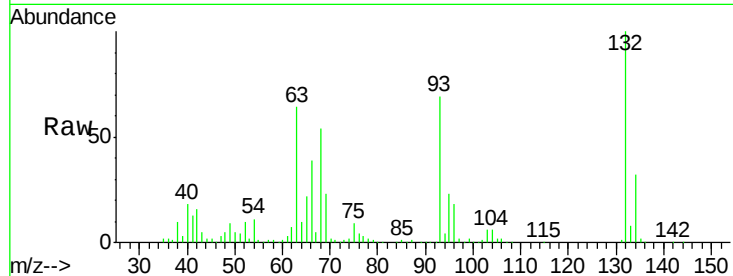
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion:	93	Resp:	295474
Ion Ratio	Lower	Upper	
93	100		
63	91.5	58.0	98.0
95	33.1	11.9	51.9

Manual Integrations
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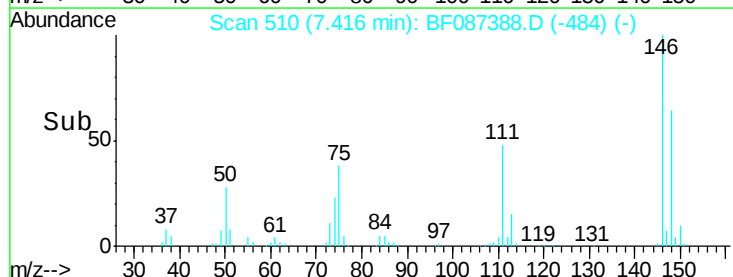
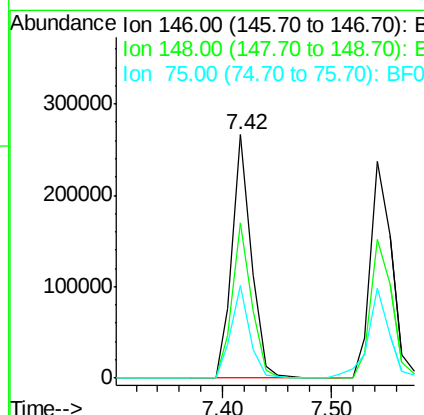
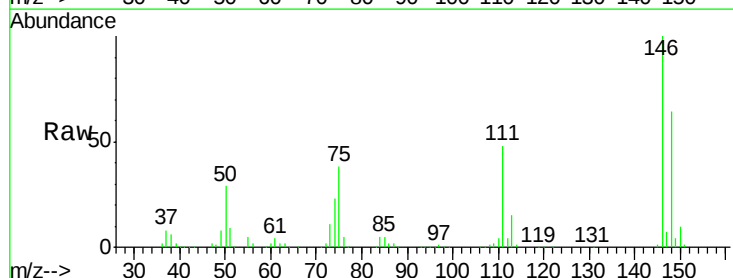
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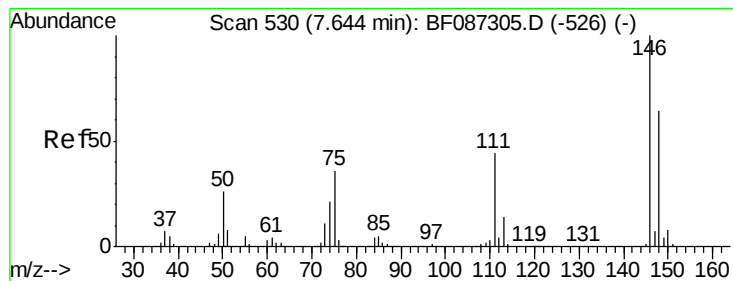


#12

1,3-Dichlorobenzene
Concen: 38.41 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:	146	Resp:	326390
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.4	78.6
75	37.9	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 37.46 ng/mL

RT: 7.54 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

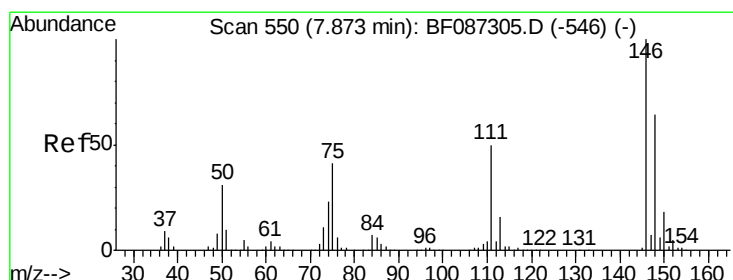
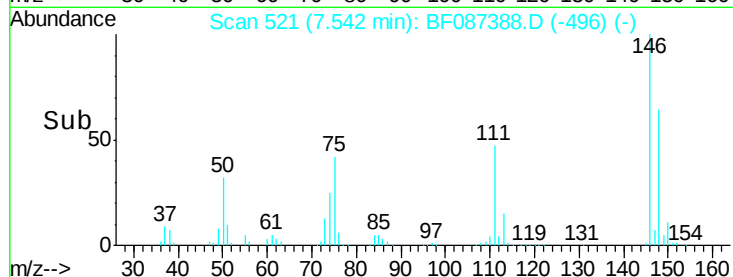
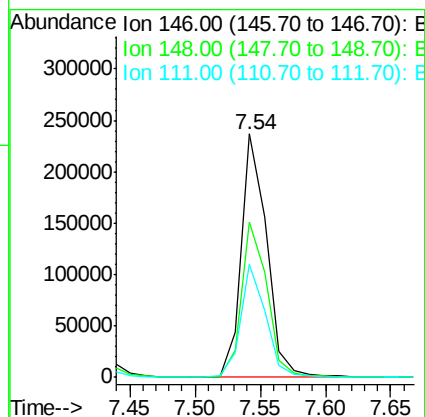
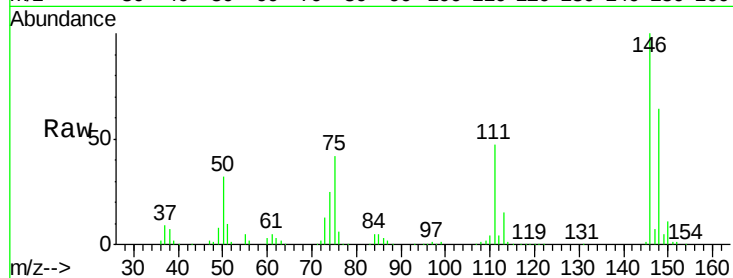
ClientSampleID :

PB90852BS

Tot Ion:	146	Resp:	326725
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
111	46.7	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.01 ng/mL

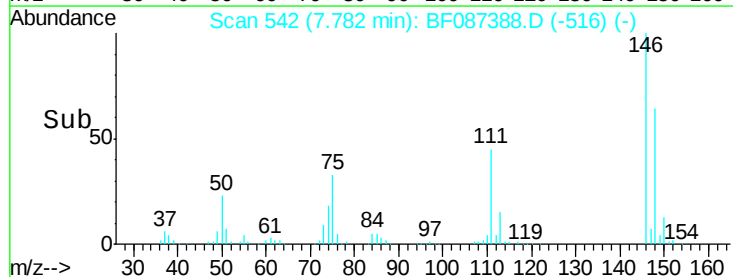
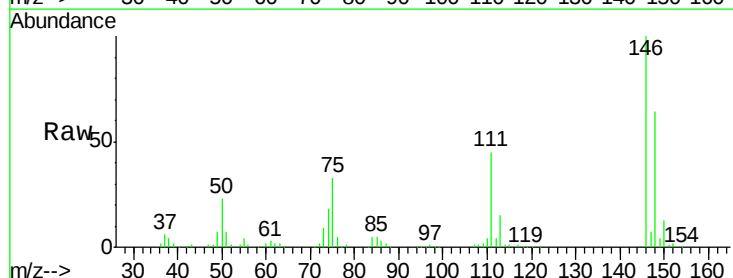
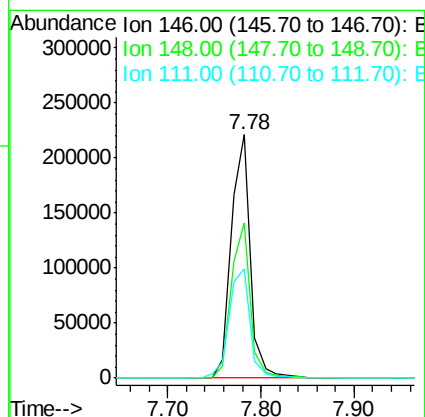
RT: 7.78 min Scan# 542

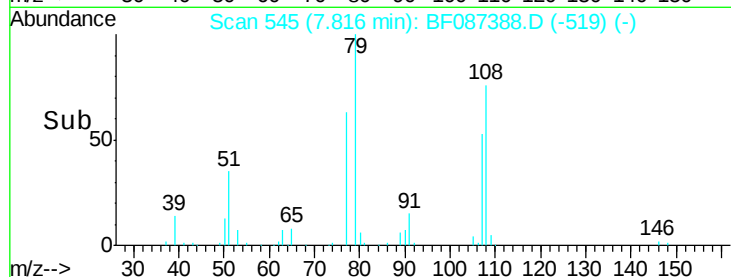
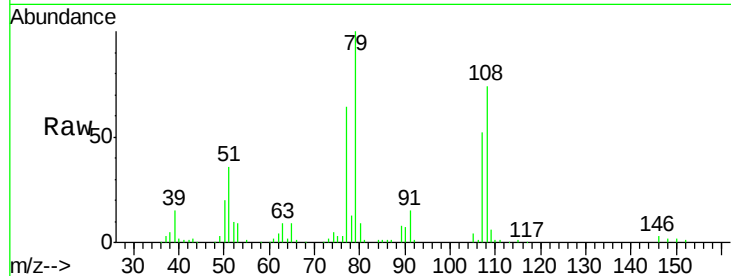
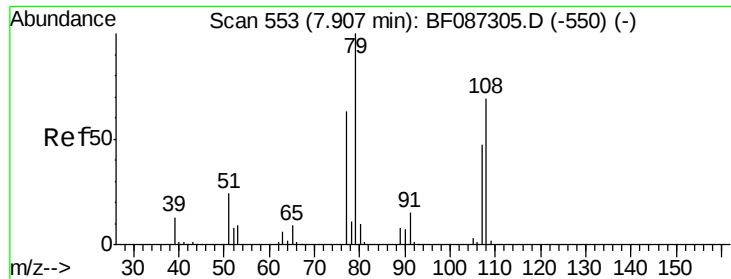
Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	146	Resp:	314711
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.6
111	44.9	36.2	54.4





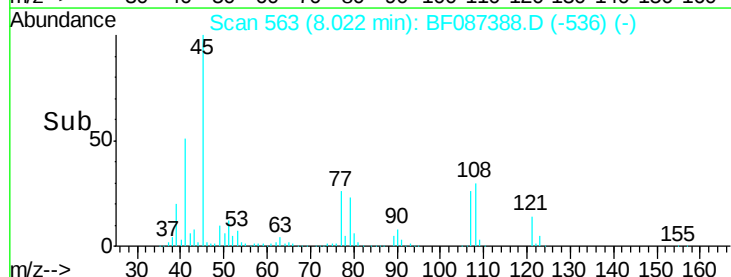
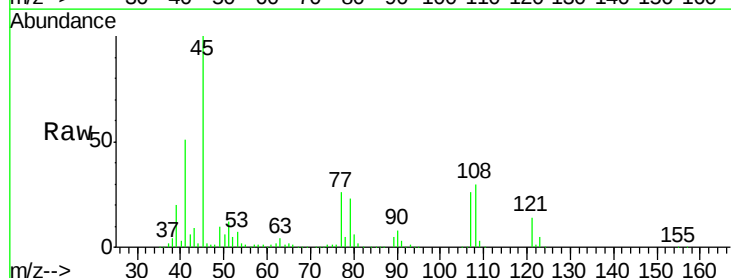
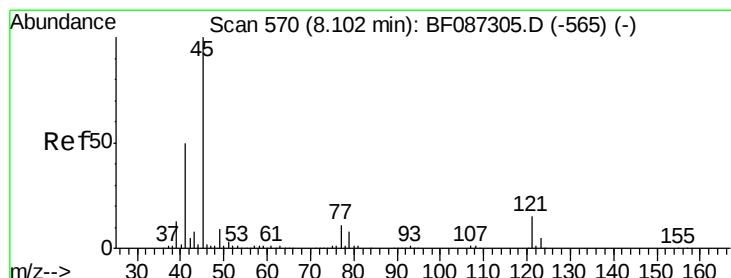
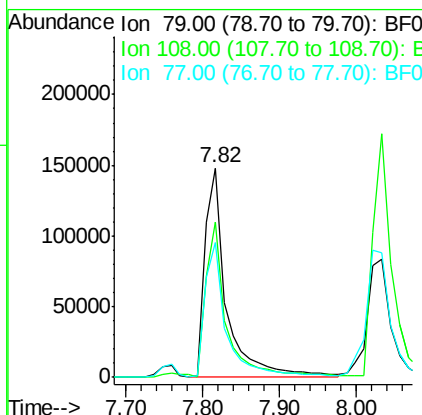
#15
Benzyl Alcohol
Concen: 46.54 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	68.4	102.6
77	64.5	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
PB90852BS

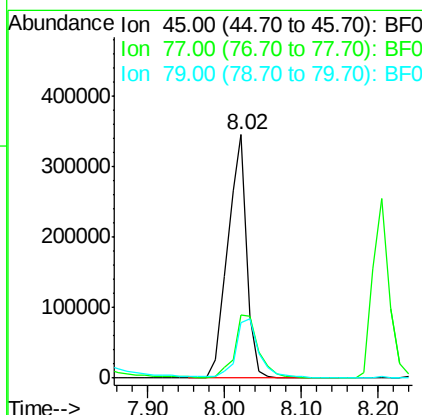
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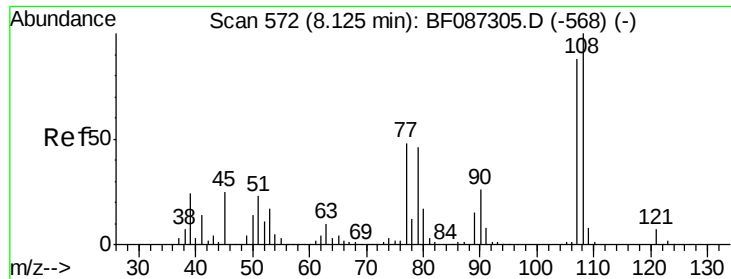
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.09 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.0	0.0	36.4
79	22.8	0.0	33.4





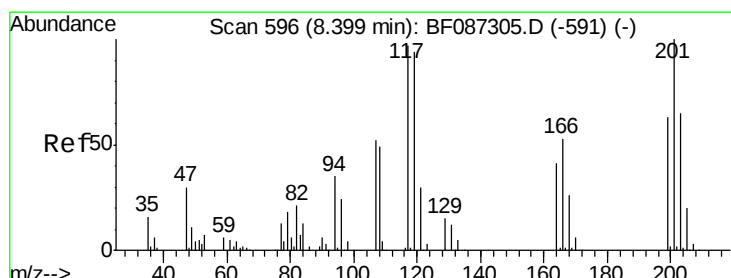
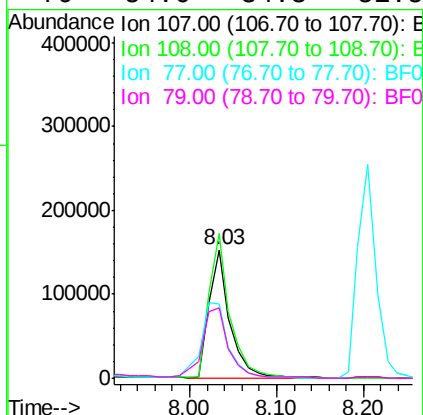
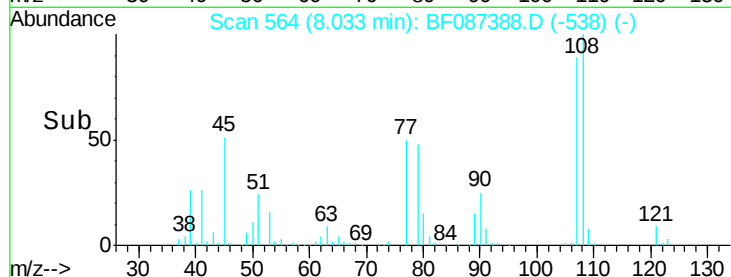
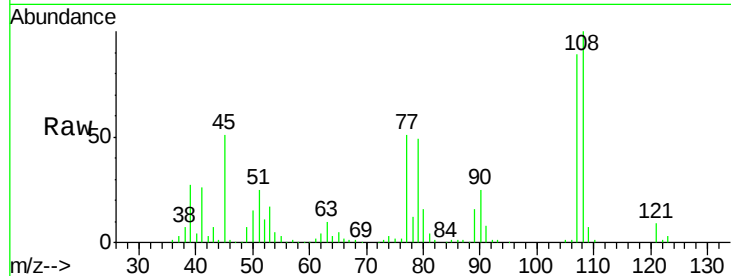
#17
2-Methylphenol
Concen: 40.92 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.7	140.5	
77	57.5	33.4	50.0	
79	54.6	34.3	51.5	

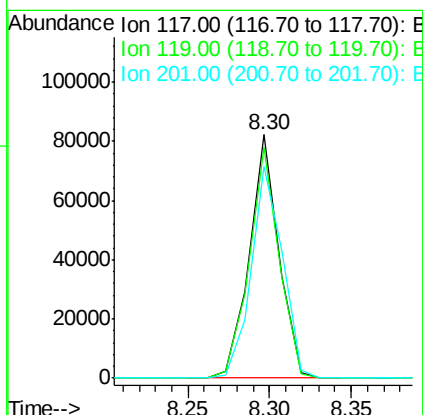
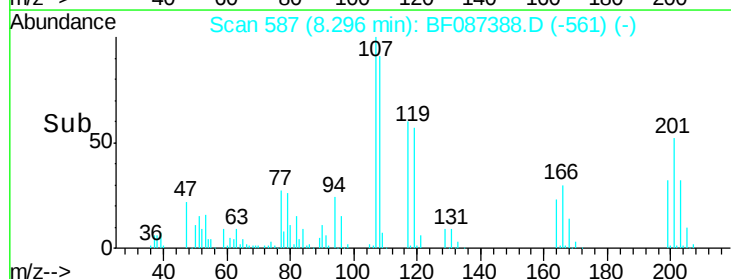
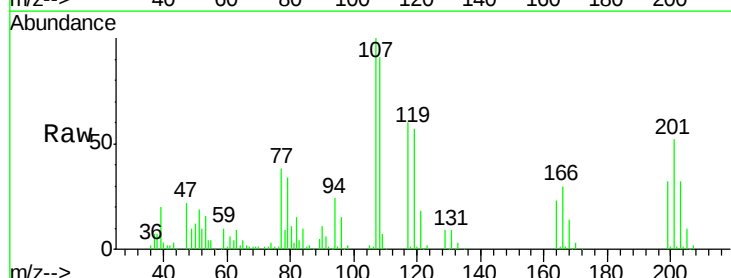
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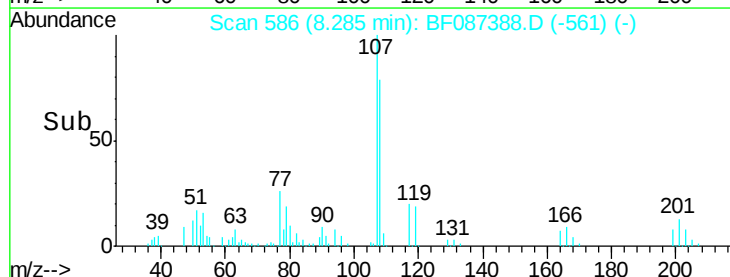
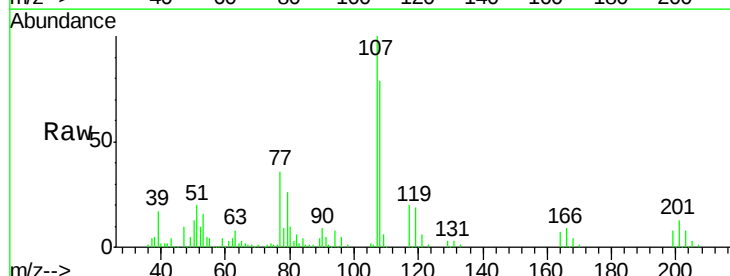
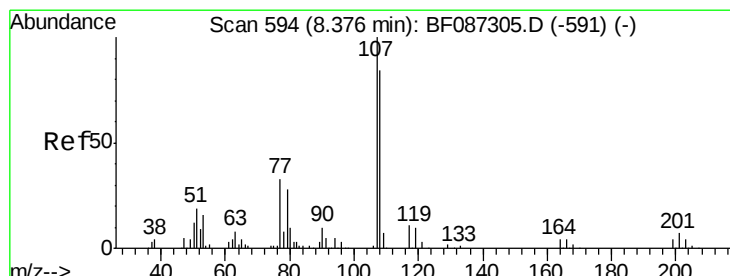
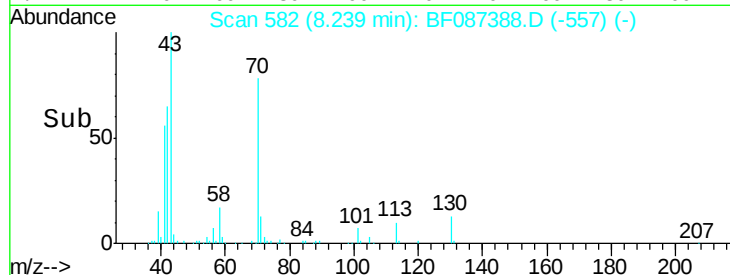
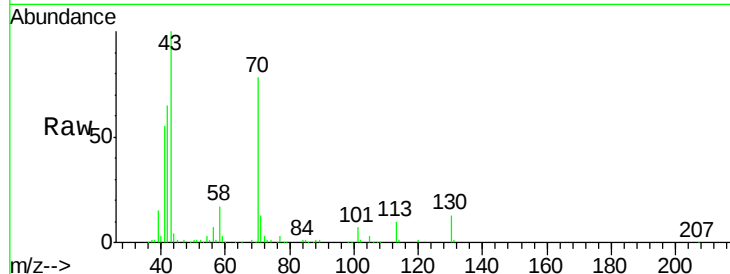
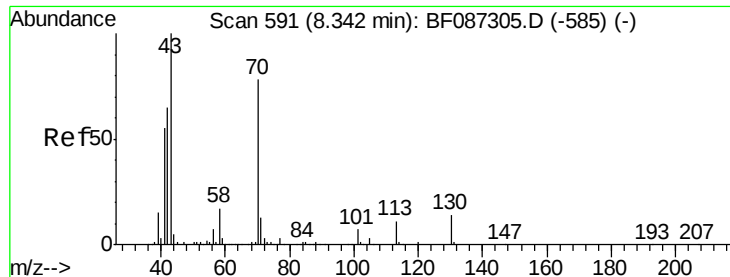
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#18
Hexachloroethane
Concen: 31.52 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	76.5	114.7	
201	86.7	63.0	94.6	





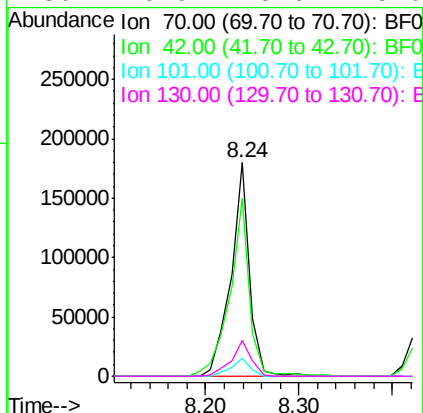
#19
n-Nitroso-di-n-propylamine
Concen: 40.09 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.5	43.1	64.7#
101	8.4	8.1	12.1
130	16.9	18.6	28.0#

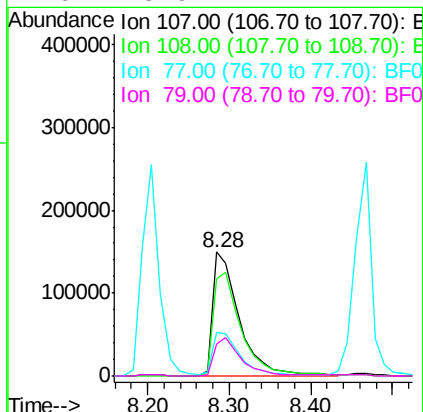
Manual Integrations
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#20
3+4-Methylphenols
Concen: 44.99 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.1	68.5	108.5
77	35.6	101.6	141.6#
79	25.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

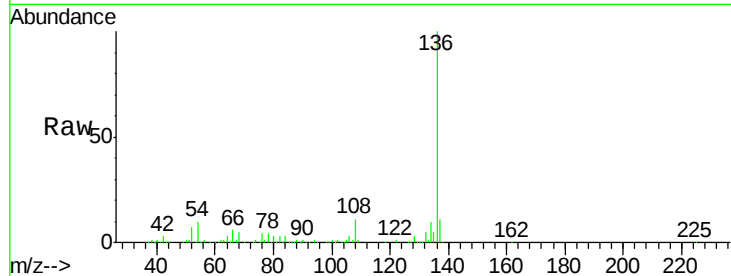
ClientSampleId :

PB90852BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		439800		
137	10.7		8.8	13.2	
54	10.5		5.0	7.4	
68	5.4		4.4	6.6	

Manual Integrations
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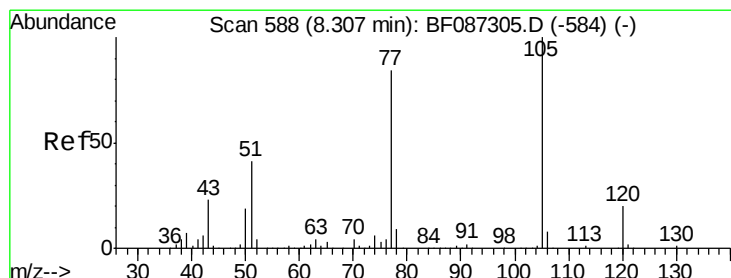
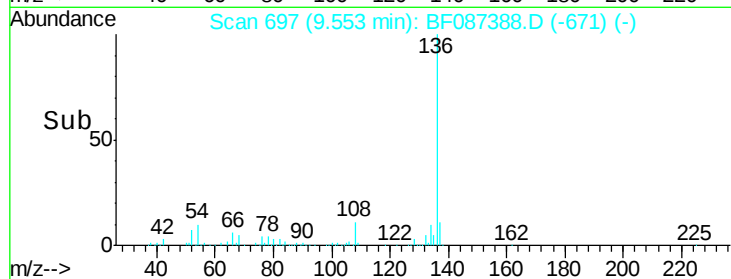
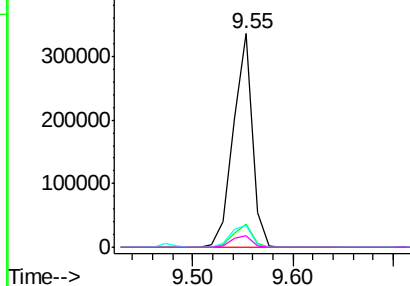
Abundance

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: 42.85 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		450171		
71	0.4		4.8	7.2	
51	39.9		32.6	49.0	
120	20.1		16.5	24.7	

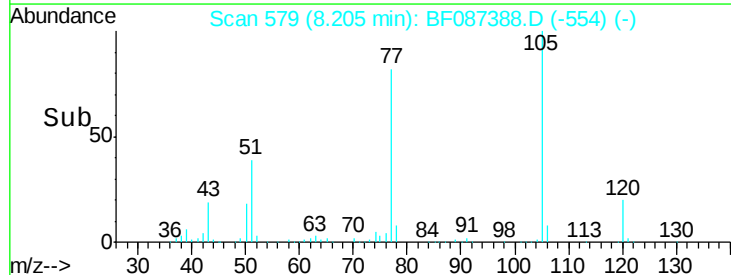
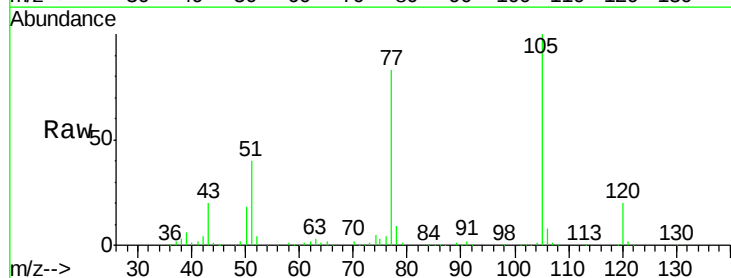
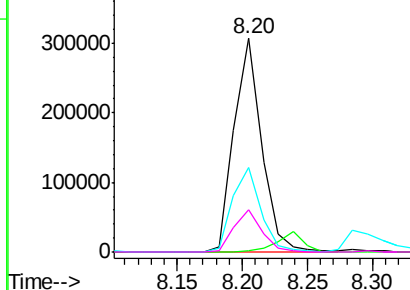
Abundance

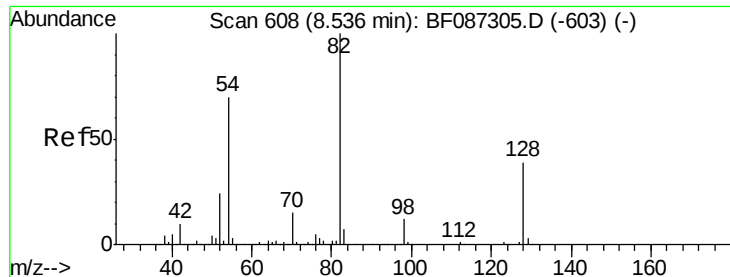
Ion 105.00 (104.70 to 105.70): E

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





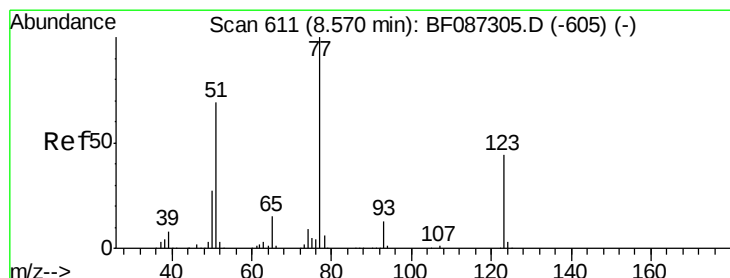
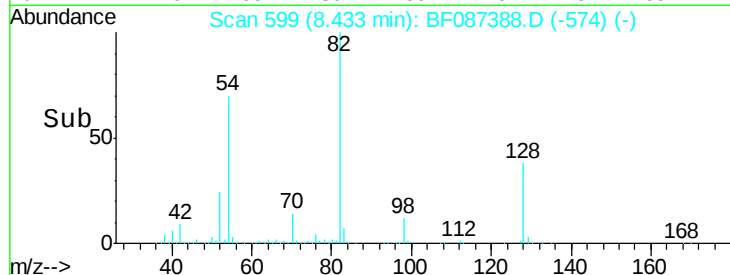
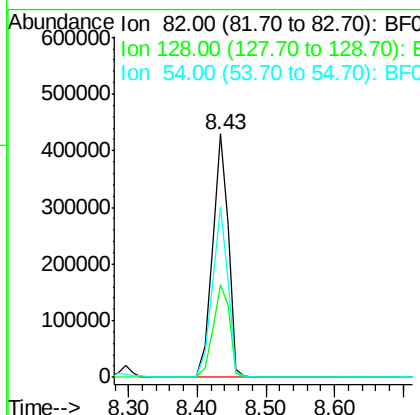
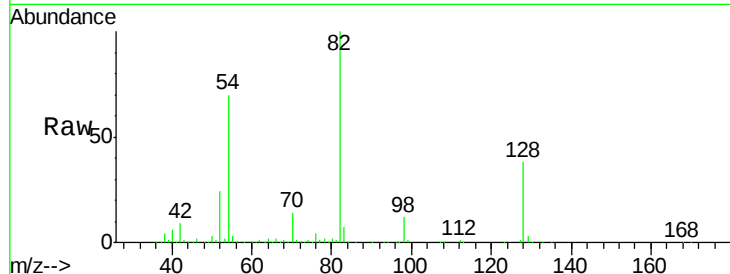
#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	698798		
128	38.3	40.6	61.0#	
54	70.1	38.1	57.1#	

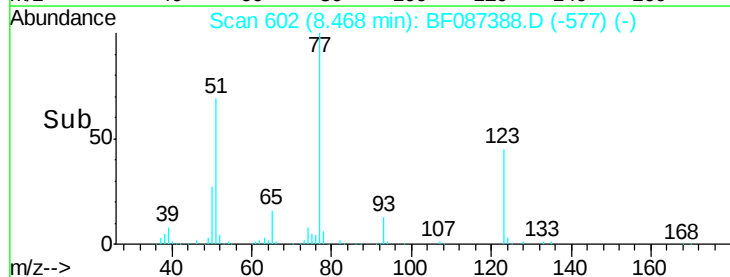
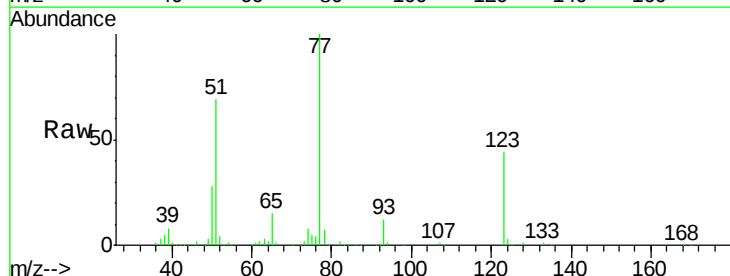
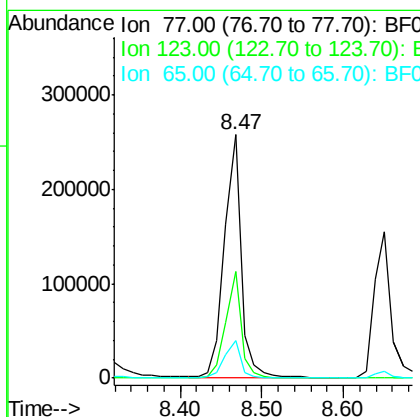
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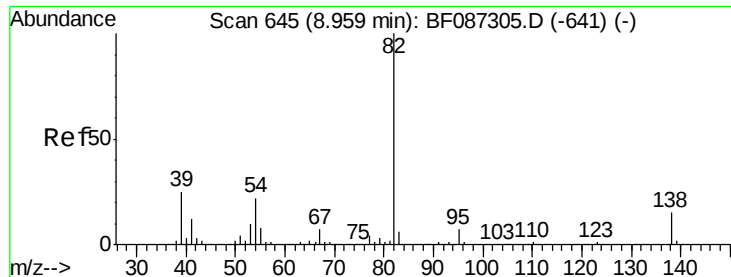
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#24
 Nitrobenzene
 Concen: 39.69 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	365613		
123	43.8	33.0	49.4	
65	15.4	10.8	16.2	





#25

Isophorone

Concen: 39.87 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

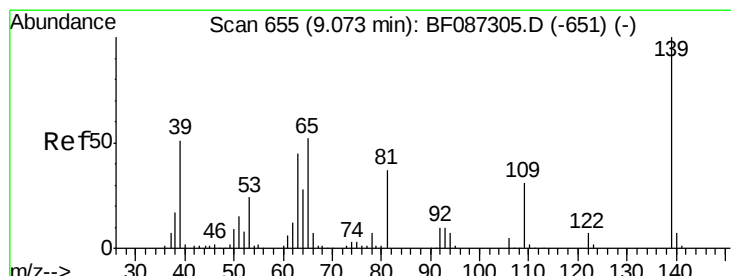
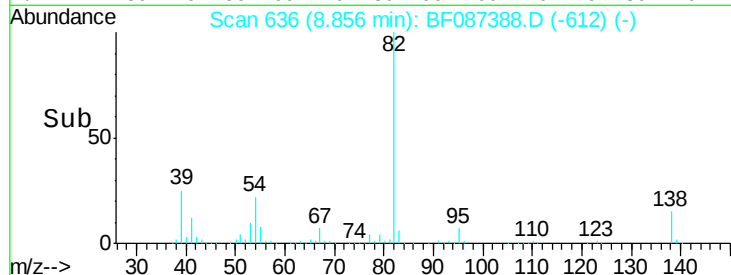
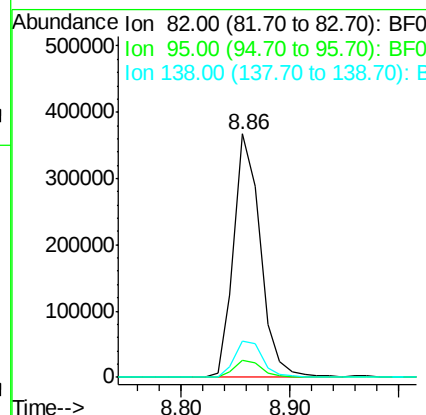
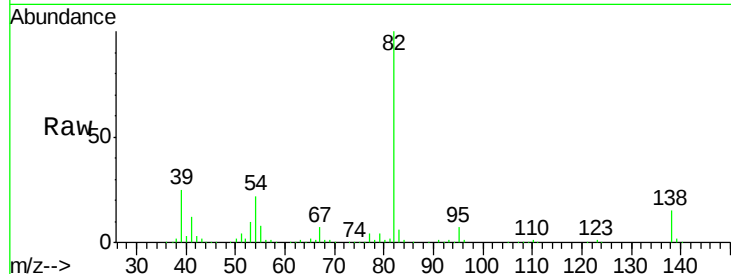
ClientSampleId :

PB90852BS

Tot Ion:	82	Resp:	624027
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.1	7.7
138	14.6	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.36 ng

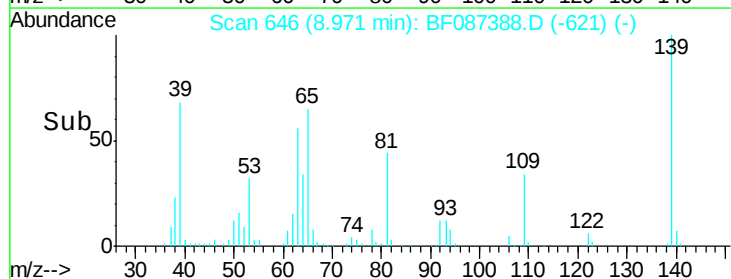
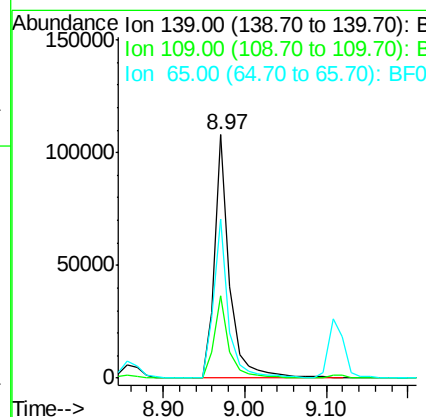
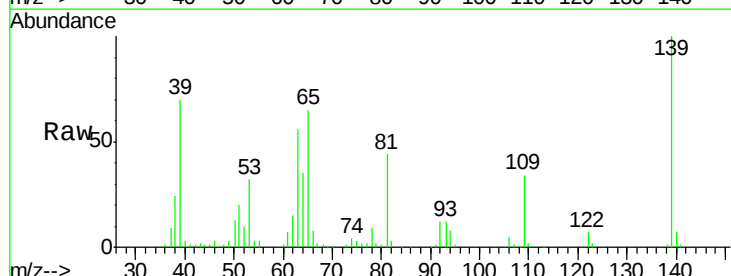
RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	139	Resp:	140680
Ion Ratio		Lower	Upper
139	100		
109	34.0	19.5	29.3#
65	65.2	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 41.67 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

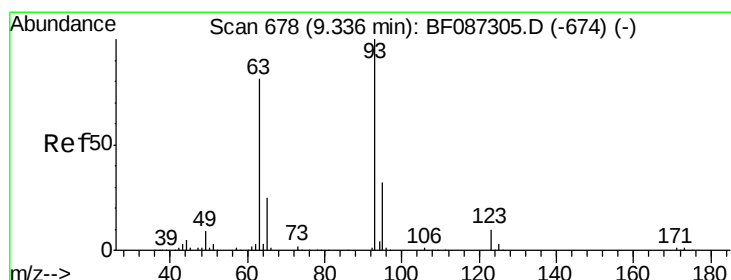
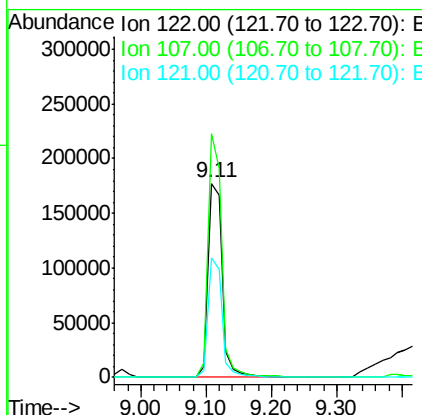
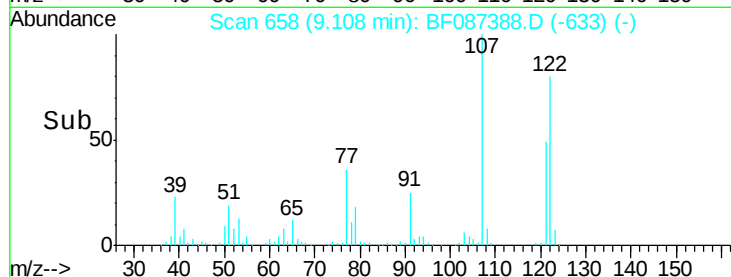
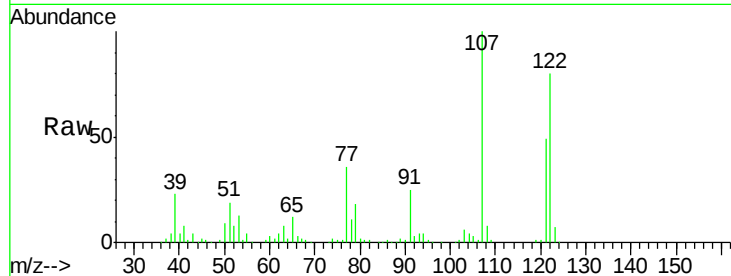
ClientSampleId :

PB90852BS

Tot Ion:	122	Resp:	272398
Ion Ratio	Lower	Upper	
122	100		
107	125.6	82.0	123.0#
121	61.6	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 42.50 ng

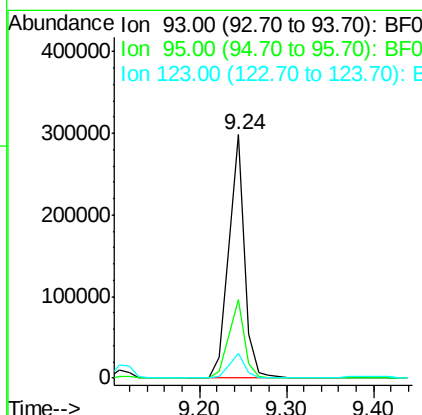
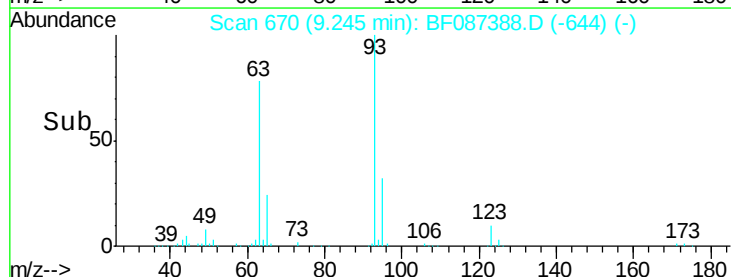
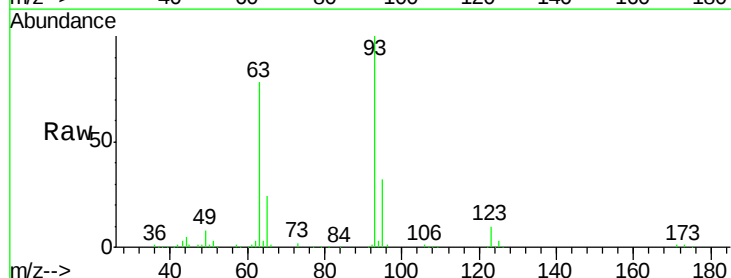
RT: 9.24 min Scan# 670

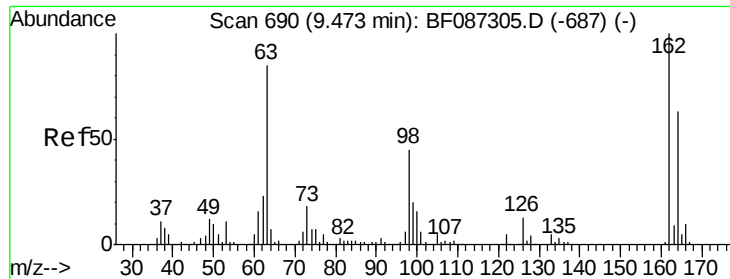
Delta R.T. 0.00 min

Lab File: BF087388.D

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Tgt Ion:	93	Resp:	374631
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.0	39.0
123	10.0	9.5	14.3





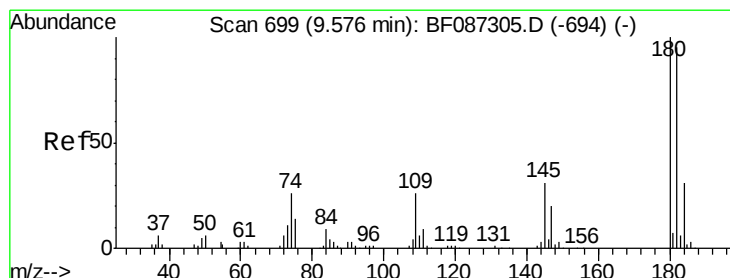
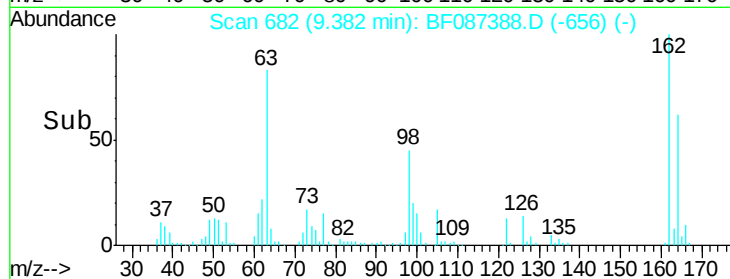
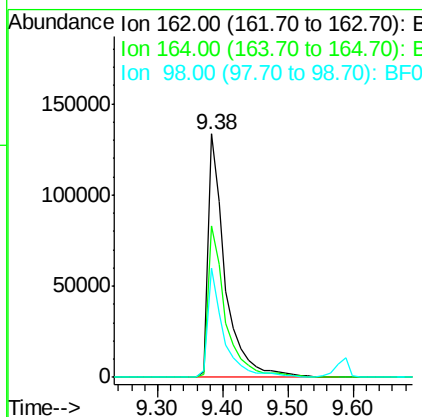
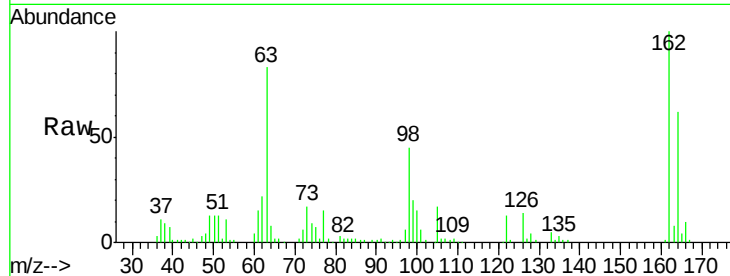
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion:	162	Resp:	243531
Ion Ratio	Lower	Upper	
162	100		
164	62.0	42.2	82.2
98	44.6	19.0	59.0

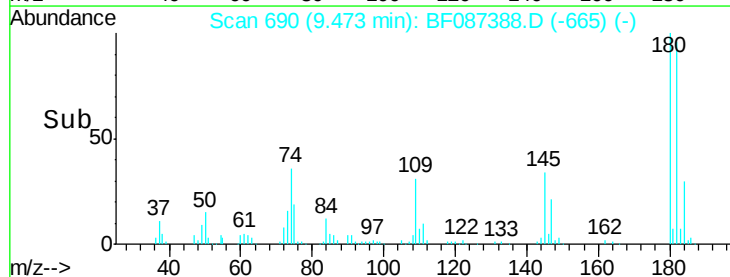
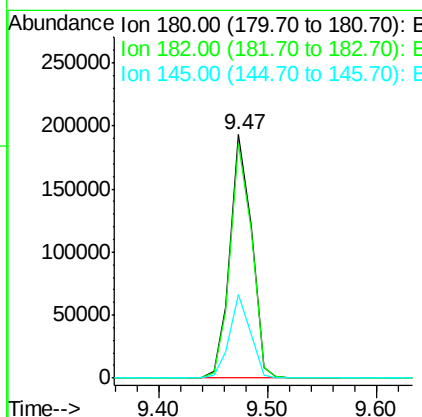
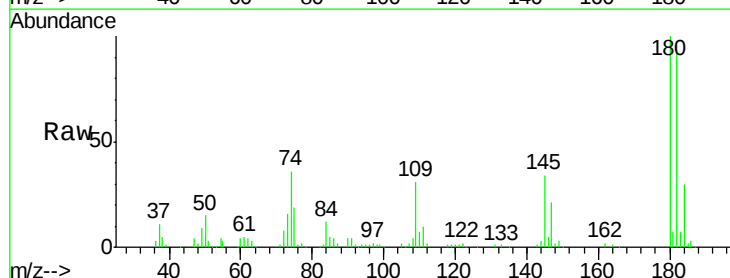
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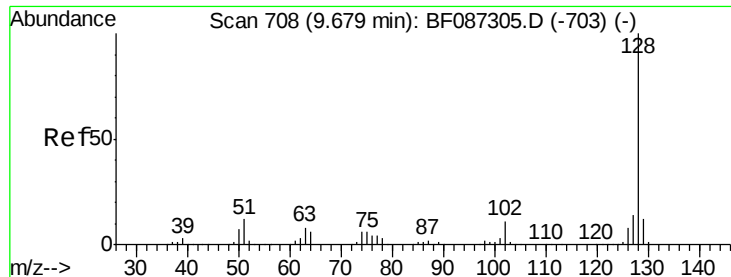
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:	180	Resp:	265256
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.0	117.0
145	34.2	24.2	36.2





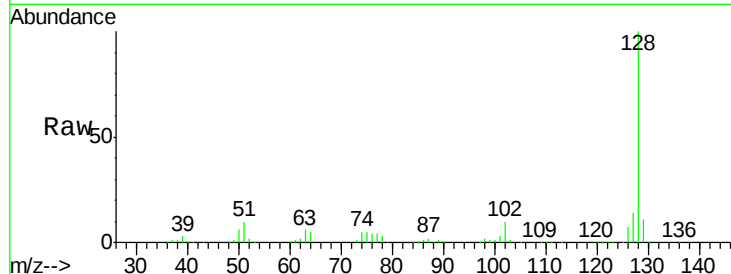
#31
Naphthalene
Concen: 40.10 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

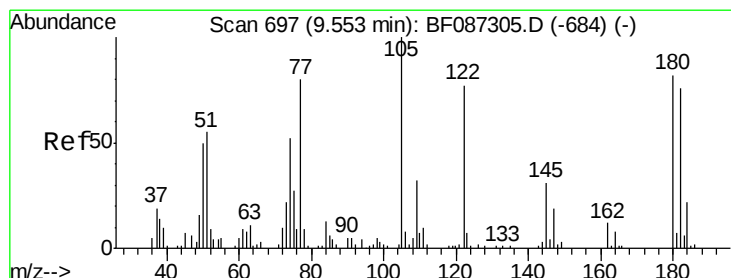
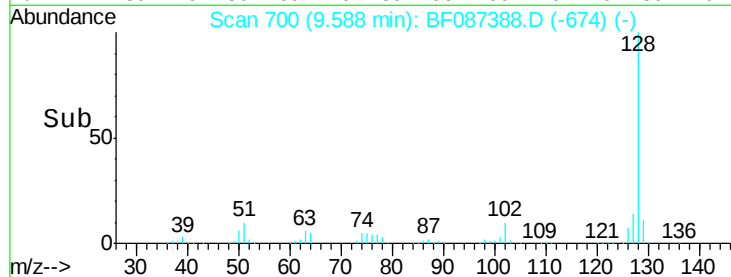
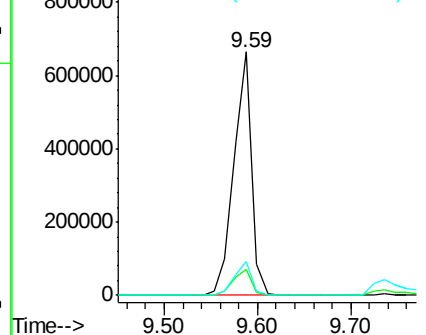
Tot Ion	Ratio	Resp	Lower	Upper
128	100	883726		
129	10.8		8.6	13.0
127	13.6		10.8	16.2

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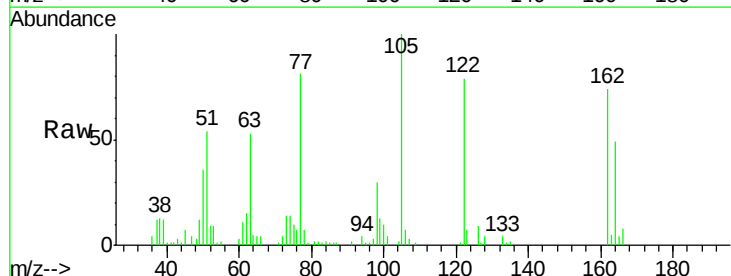


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

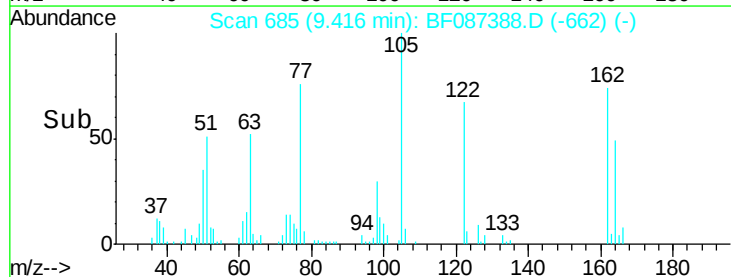
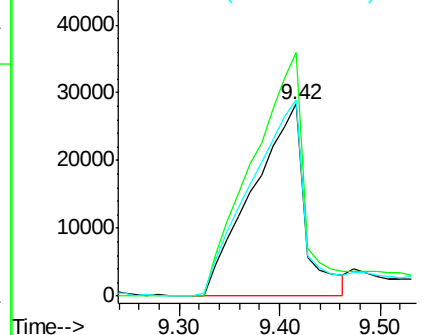


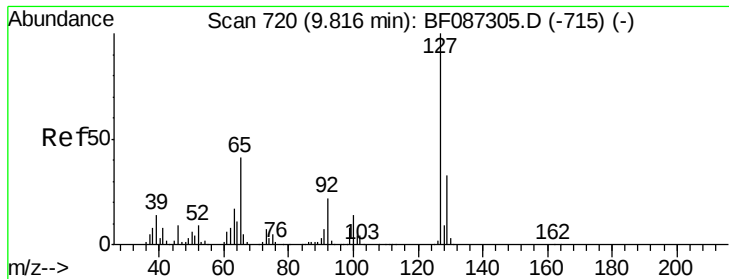
#32
Benzoic acid
Concen: 32.56 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102416		
105	126.7		92.6	132.6
77	102.5		60.0	100.0#



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





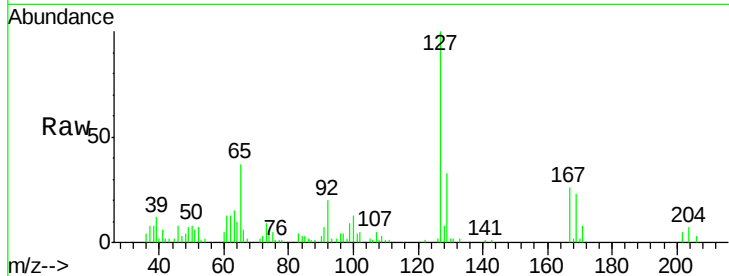
#33
4-Chloroaniline
Concen: 15.74 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

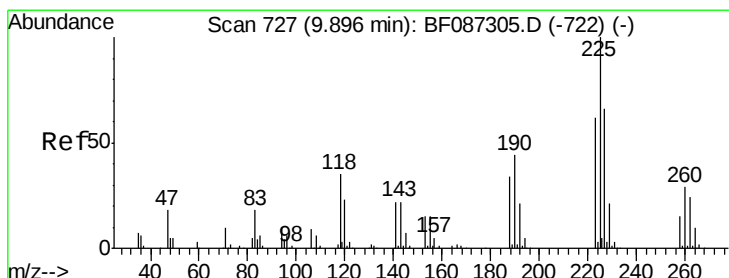
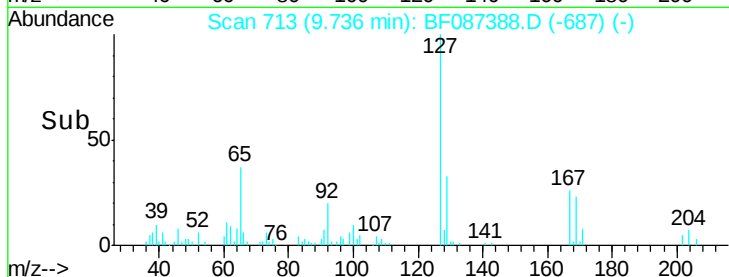
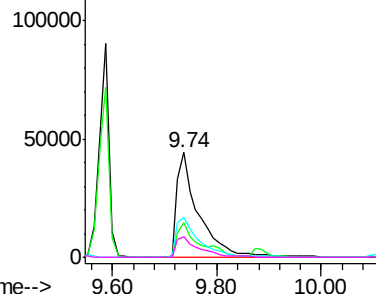
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.4		
65	37.5	23.0	34.4		
92	19.8	15.1	22.7		

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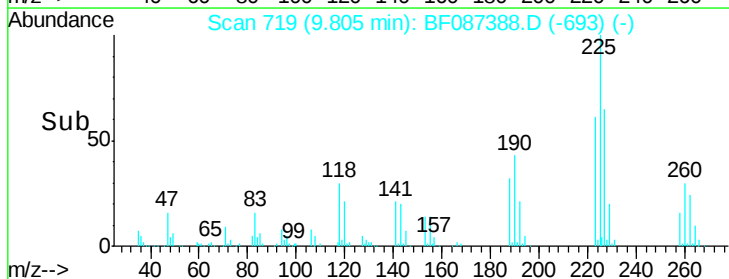
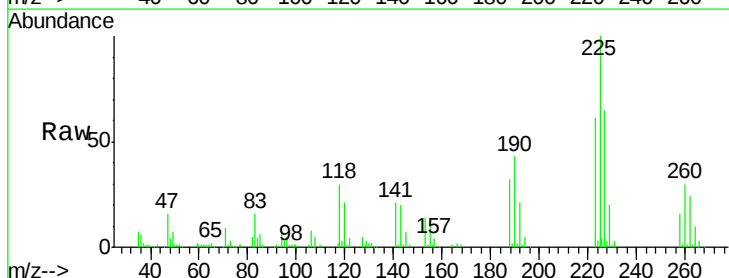
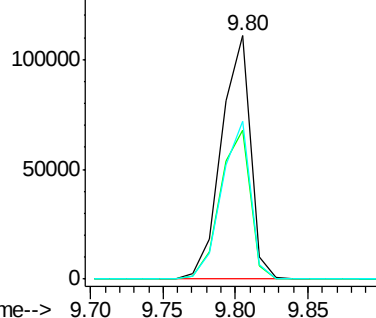
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

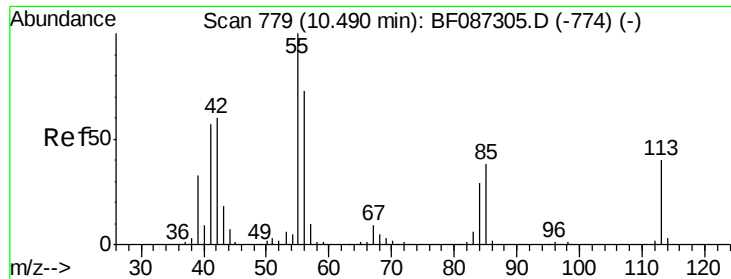


#34
Hexachlorobutadiene
Concen: 37.39 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	51.5	77.3		
227	64.6	52.2	78.2		

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





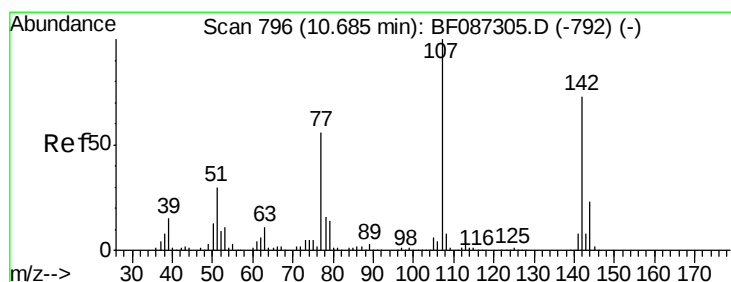
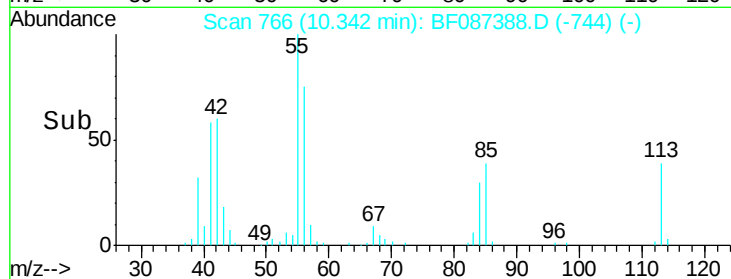
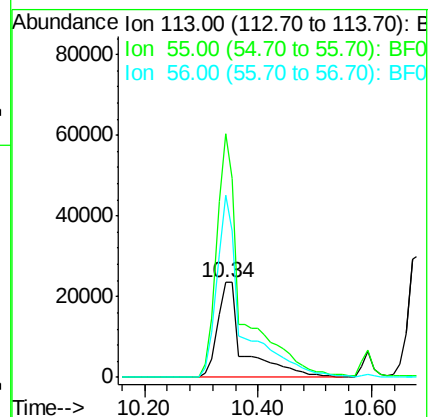
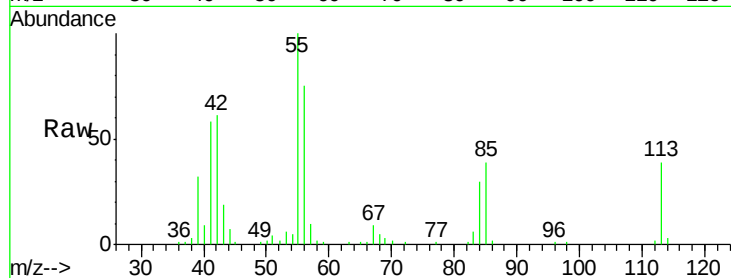
#35
Caprolactam
Concen: 44.17 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	256.5	162.0	202.0#
56	192.4	115.3	155.3#

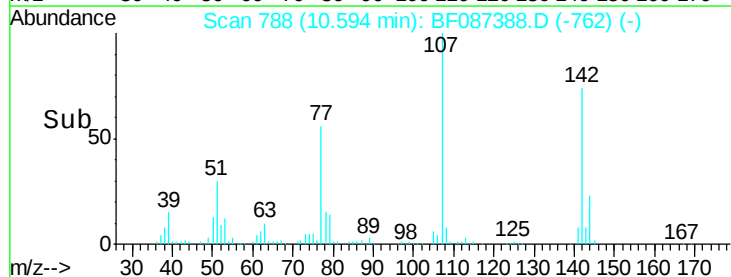
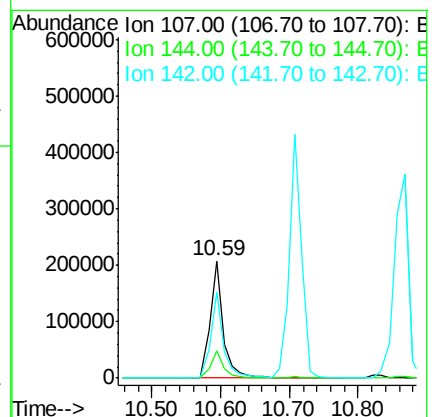
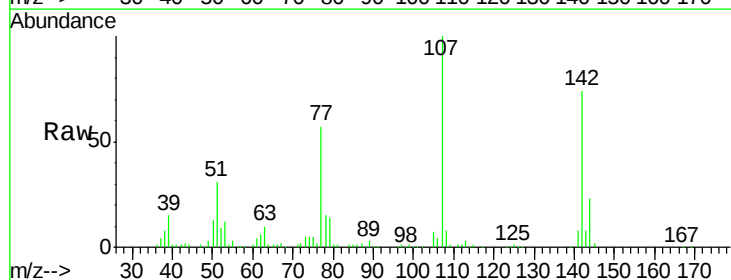
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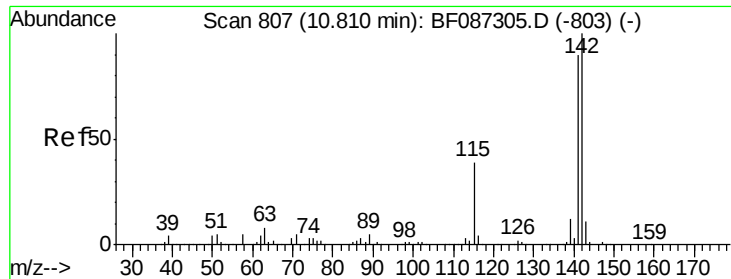
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#36
4-Chloro-3-methylphenol
Concen: 41.53 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	20.7	31.1
142	73.9	63.2	94.8





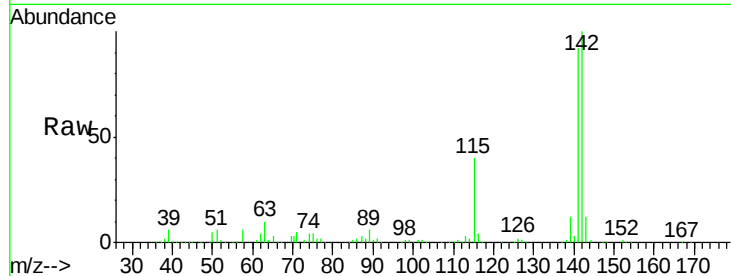
#37
2-Methylnaphthalene
Concen: 39.40 ng/mL
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.0	106.6
115	40.1	26.6	39.8

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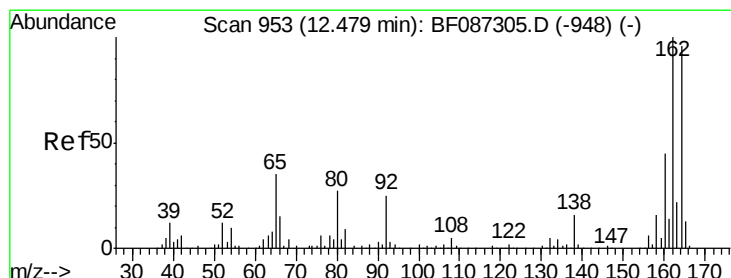
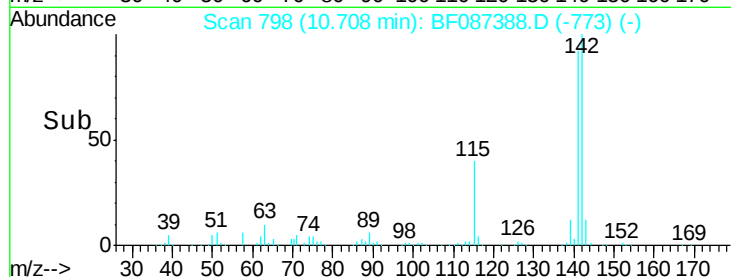
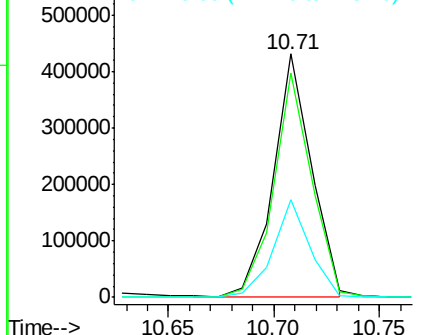


Abundance

Ion 142.00 (141.70 to 142.70): E

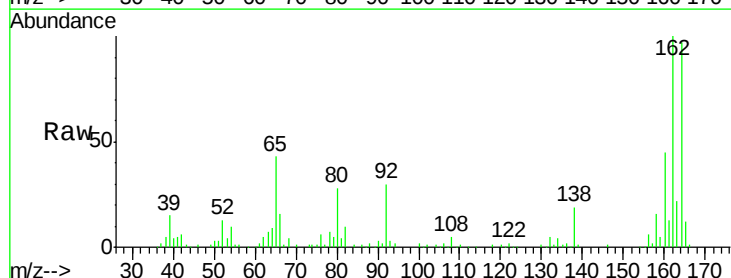
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.5	36.9	55.3

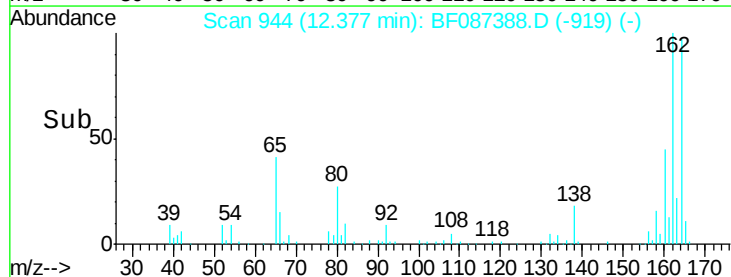
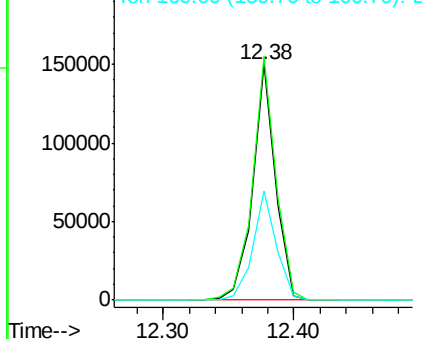


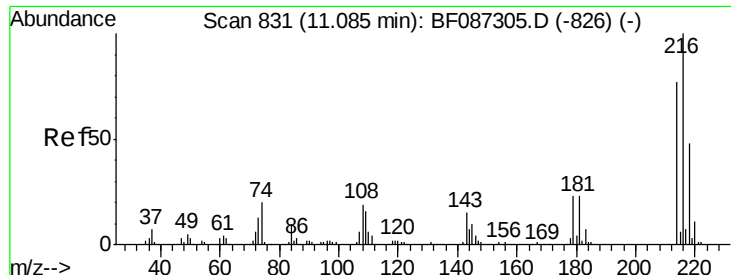
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





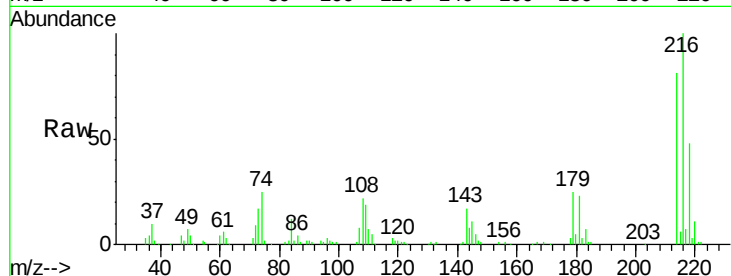
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.18 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

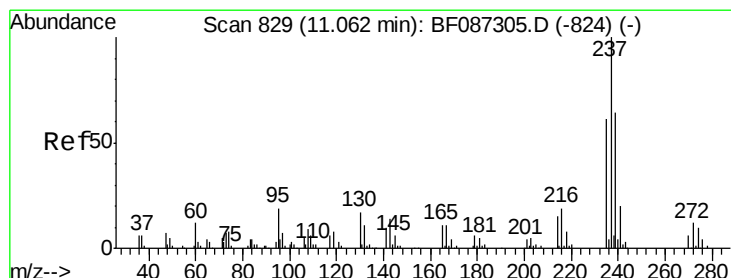
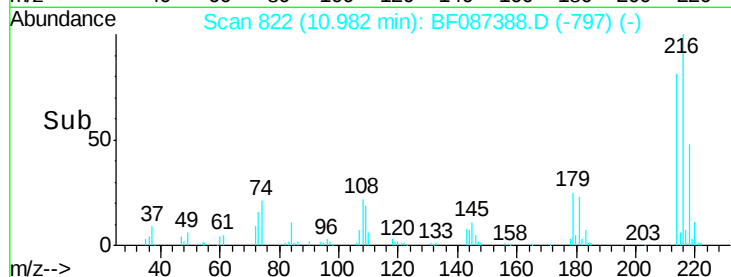
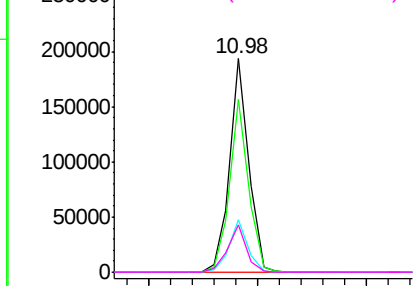
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		234085		
214	79.9	62.6	93.8		
179	23.9	18.2	27.4		
108	21.8	17.5	26.3		

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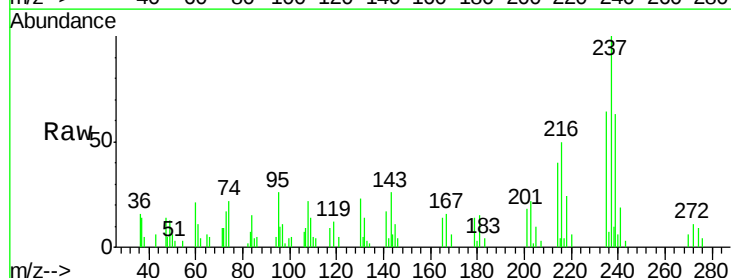


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

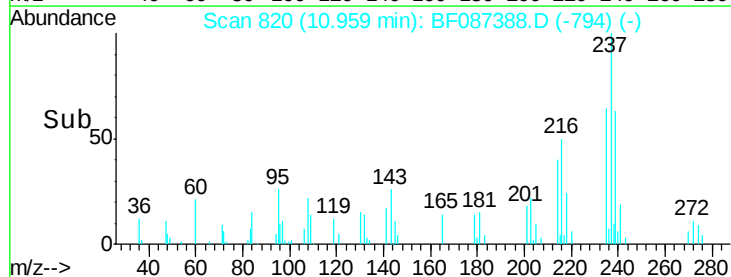
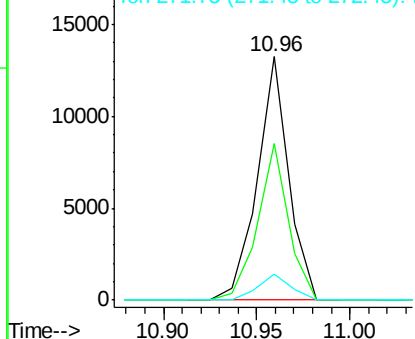


#40
 Hexachlorocyclopentadiene
 Concen: 15.20 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		15601		
235	64.2	47.2	87.2		
272	11.0	0.0	31.1		



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





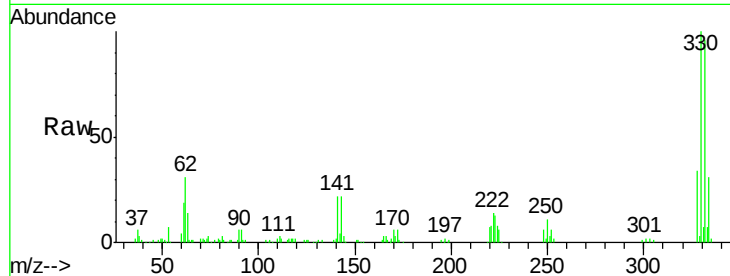
#41
 2,4,6-Tribromophenol
 Concen: 109.04 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	79.0	118.4	
141	42.7	31.2	46.8	

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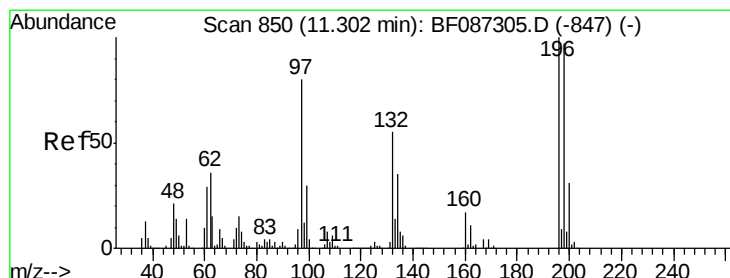
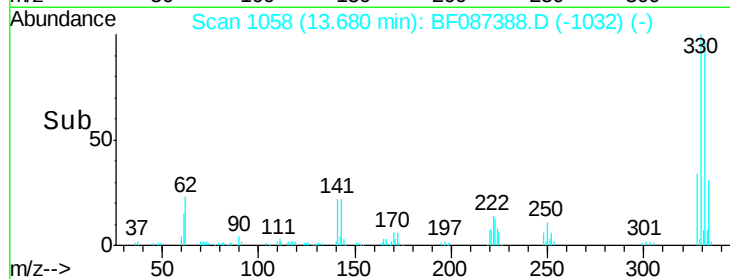
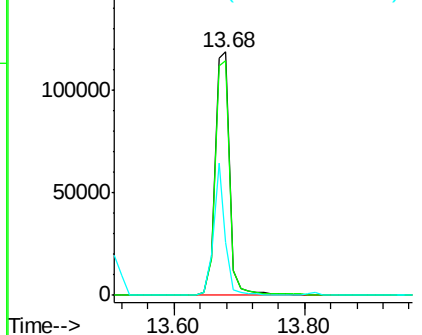


Abundance

Ion 329.80 (329.50 to 330.50): E

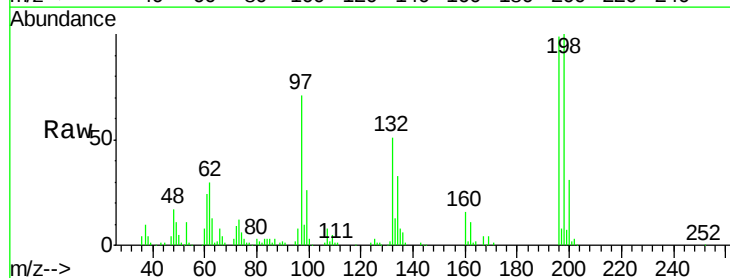
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.07 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	74.7	112.1	
200	31.7	23.8	35.6	

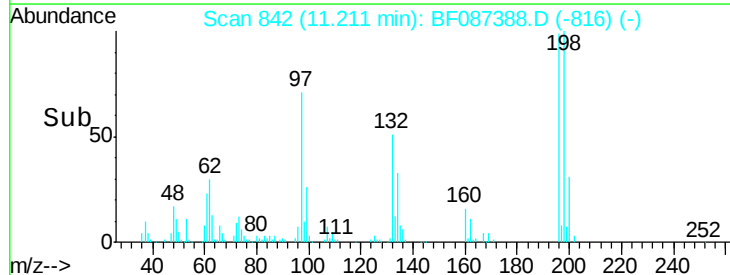
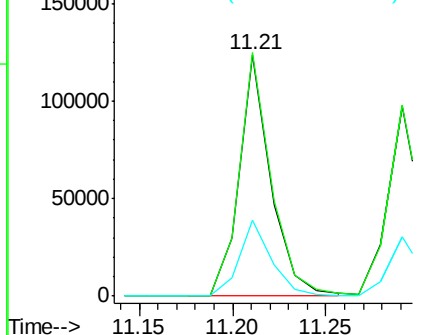


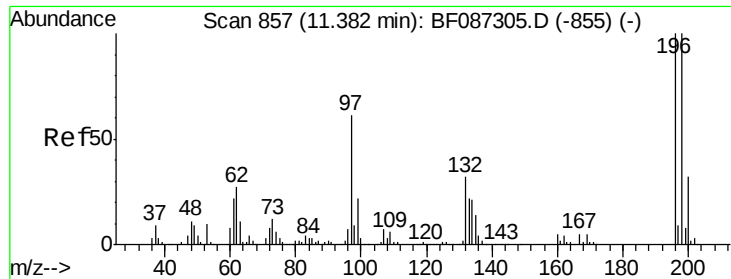
Abundance

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





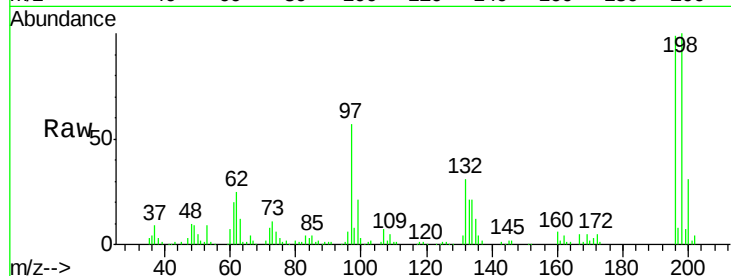
#43
 2,4,5-Trichlorophenol
 Concen: 42.53 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

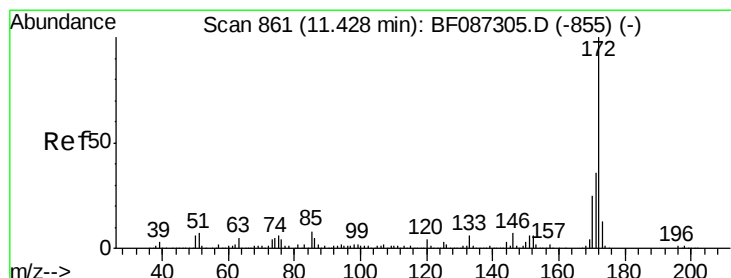
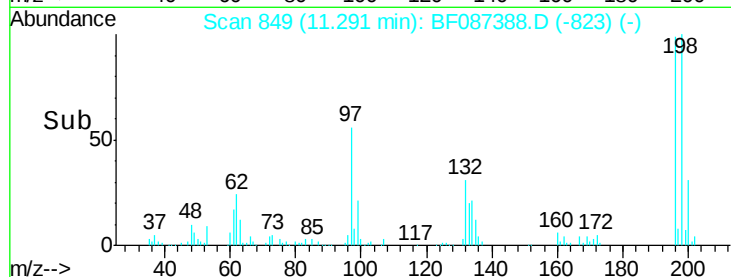
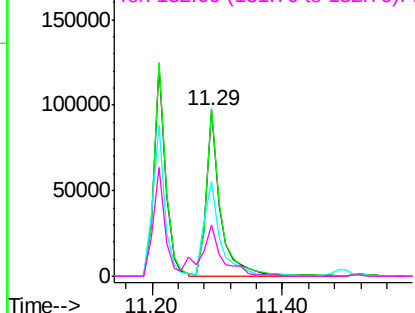
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	100.7		77.5	116.3	
97	57.3		34.8	52.2	
132	31.0		23.0	34.4	

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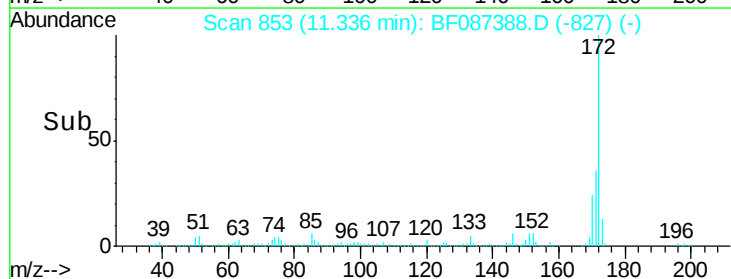
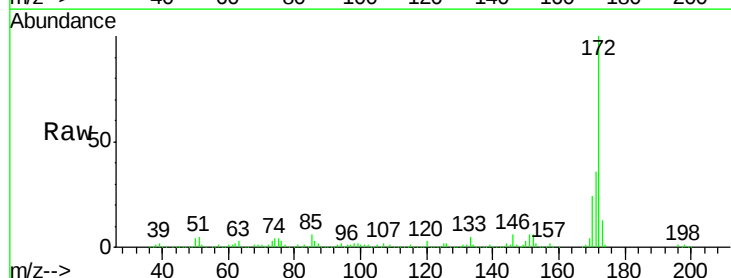
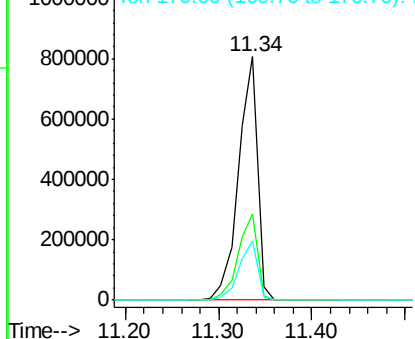
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

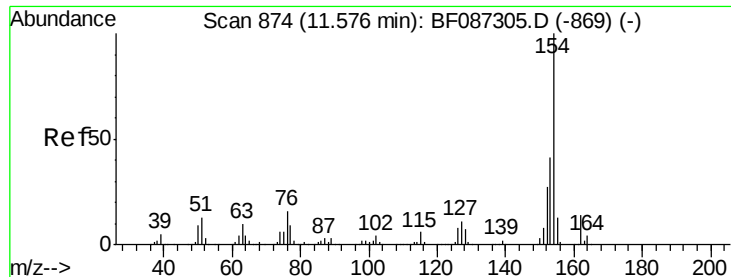


#44
 2-Fluorobiphenyl
 Concen: 88.36 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.5		29.0	43.6	
170	24.4		19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.69 ng

RT: 11.49 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

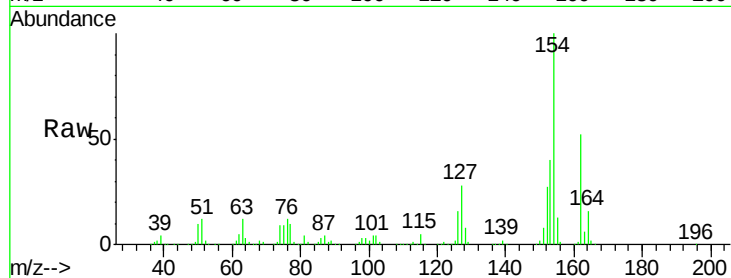
ClientSampleId :

PB90852BS

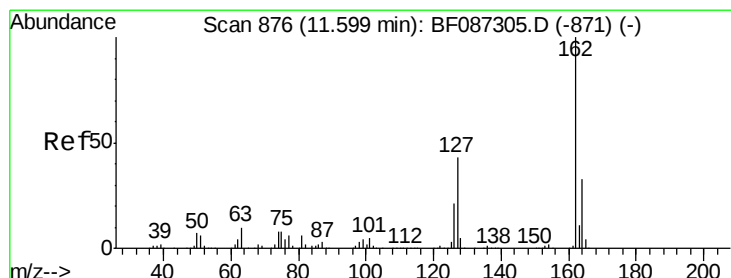
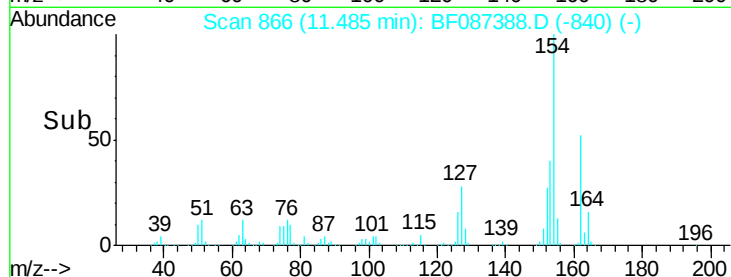
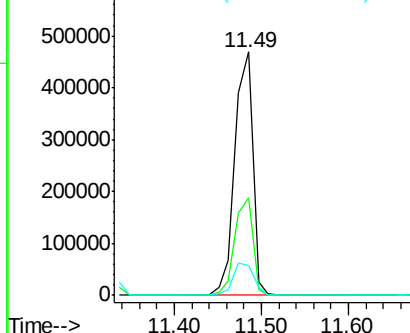
Tot Ion:	154	Resp:	669538
Ion Ratio		Lower	Upper
154	100		
153	40.1	20.3	60.3
76	12.5	0.0	30.2

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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: 41.40 ng

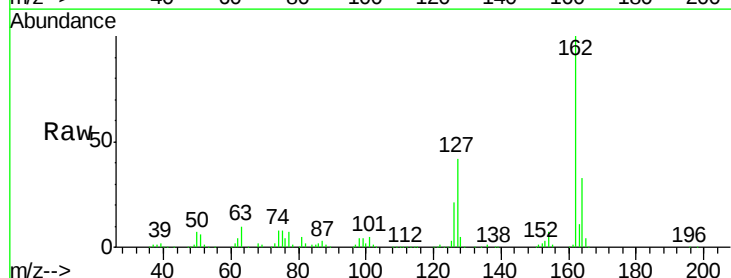
RT: 11.50 min Scan# 867

Delta R.T. 0.00 min

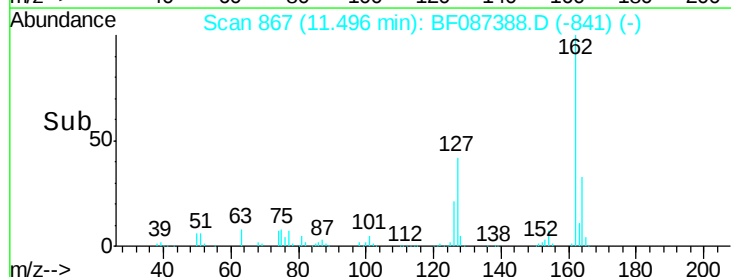
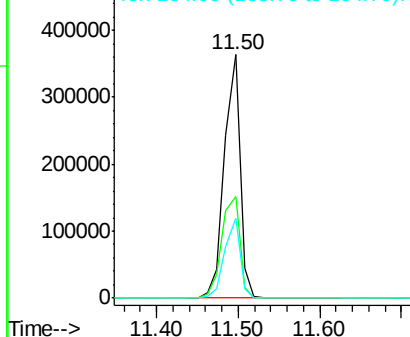
Lab File: BF087388.D

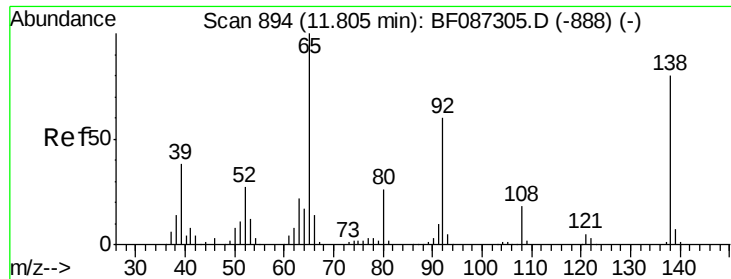
Acq: 26 May 2016 00:46

Tgt Ion:	162	Resp:	485423
Ion Ratio		Lower	Upper
162	100		
127	41.9	31.8	47.6
164	33.0	27.0	40.6



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





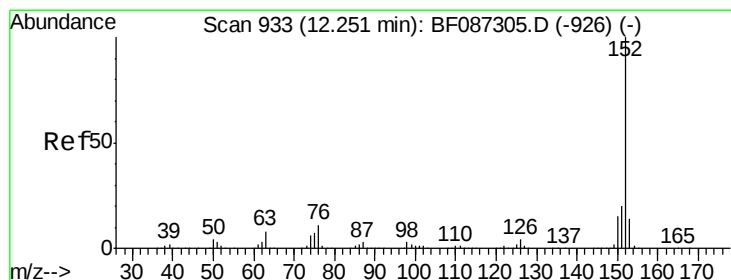
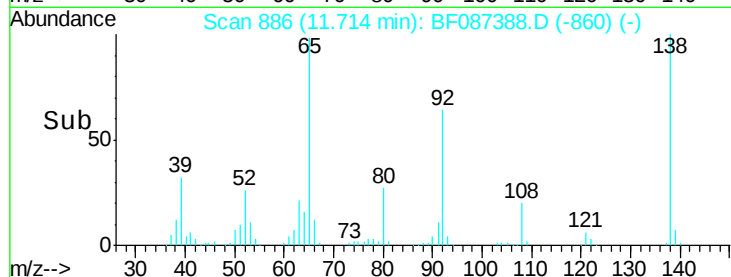
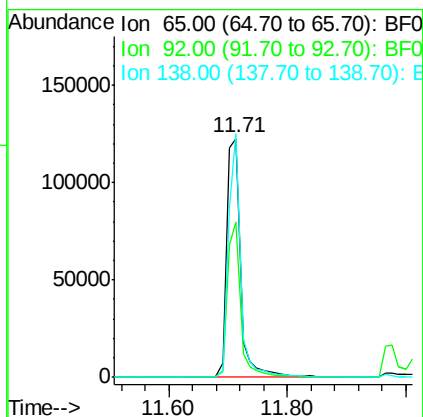
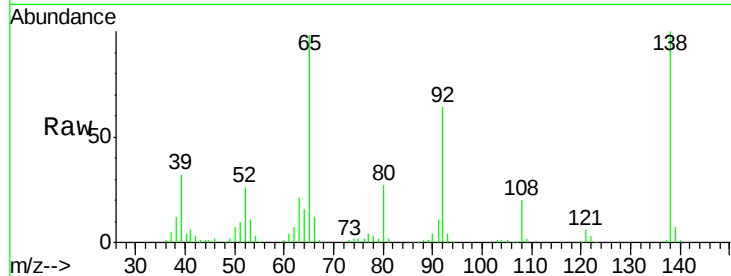
#47
2-Nitroaniline
Concen: 47.72 ng
RT: 11.71 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	57.4	86.2
138	102.0	90.1	135.1

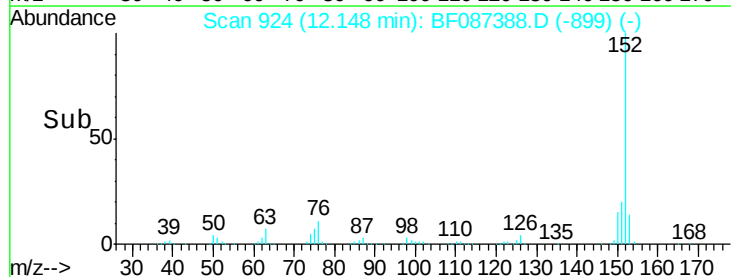
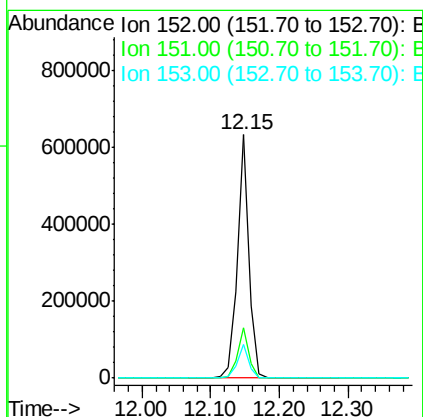
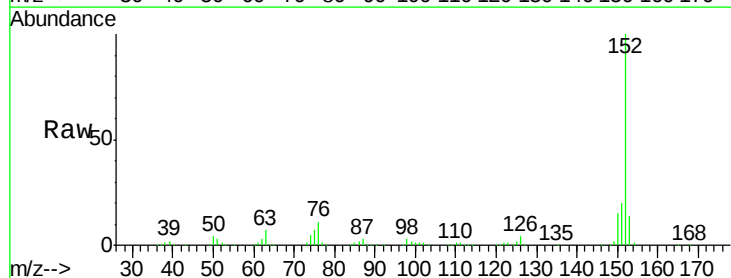
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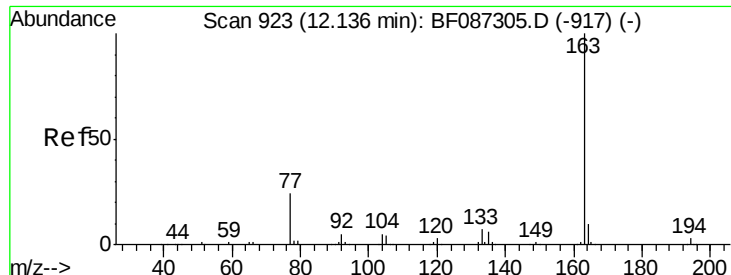
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#48
Acenaphthylene
Concen: 40.62 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.7	10.9	16.3





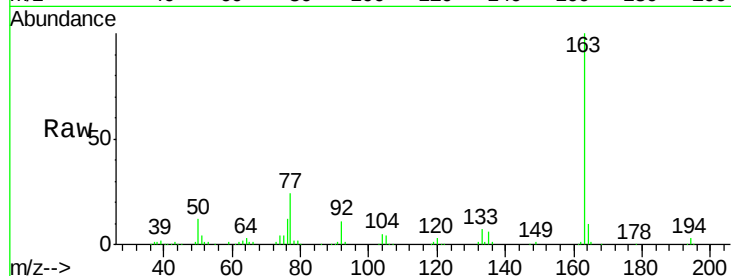
#49
Dimethylphthalate
Concen: 42.53 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampled :
PB90852BS

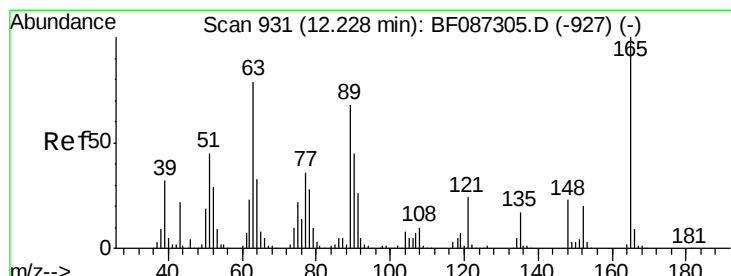
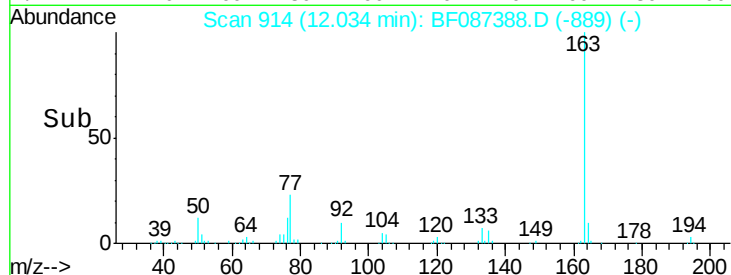
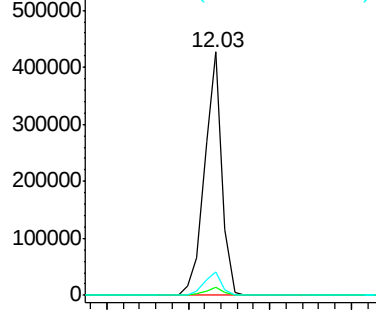
Tot Ion	Ratio	Resp	Lower	Upper
163	100	620183		
194	3.2	2.6	4.0	
164	9.8	8.2	12.4	

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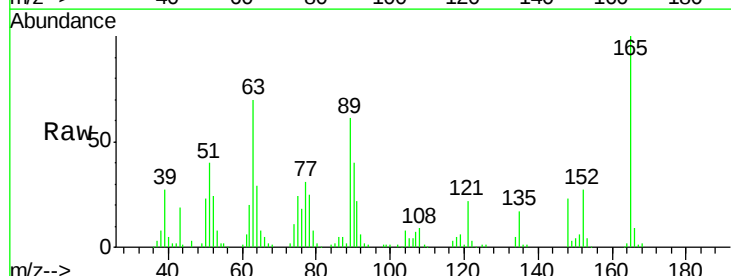


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

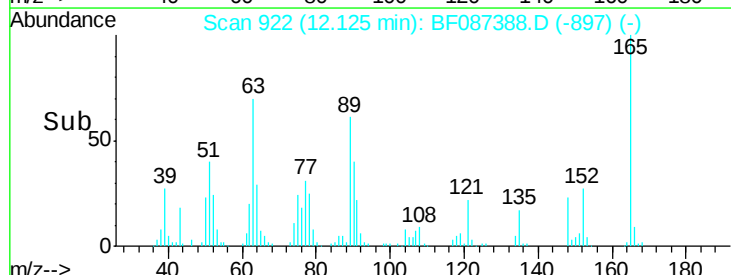
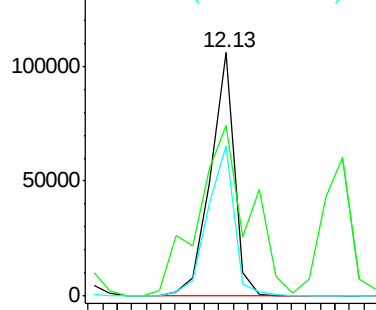


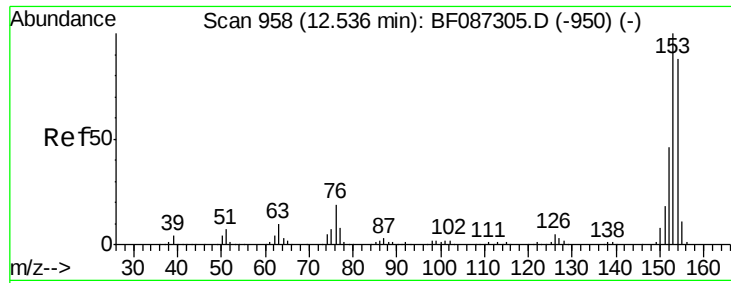
#50
2,6-Dinitrotoluene
Concen: 41.20 ng
RT: 12.13 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	121039		
63	70.0	51.8	77.8	
89	61.5	50.7	76.1	



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: 40.46 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

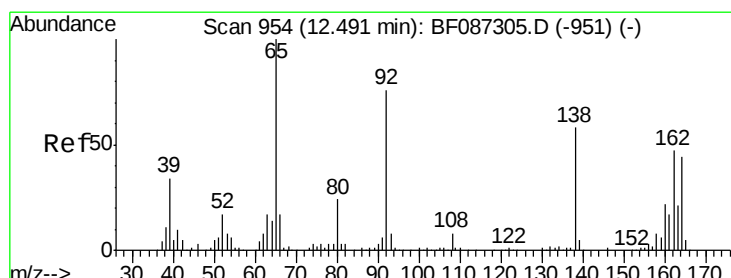
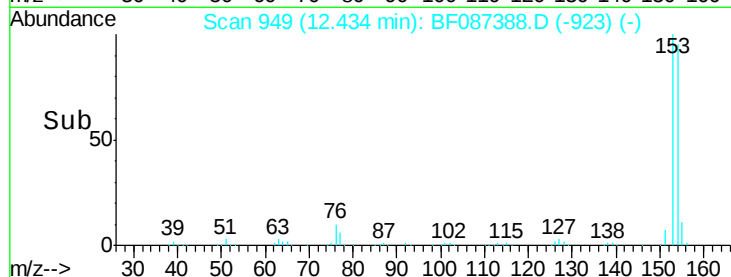
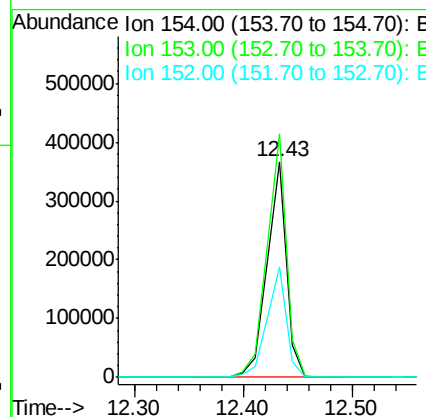
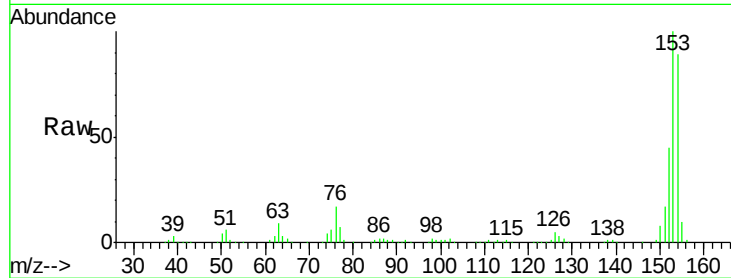
ClientSampled :

PB90852BS

Tot Ion:	154	Resp:	461570
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	51.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 33.98 ng

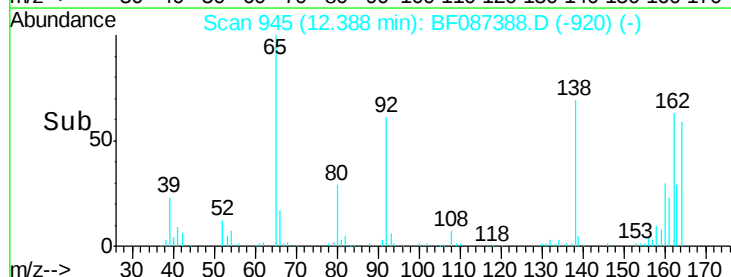
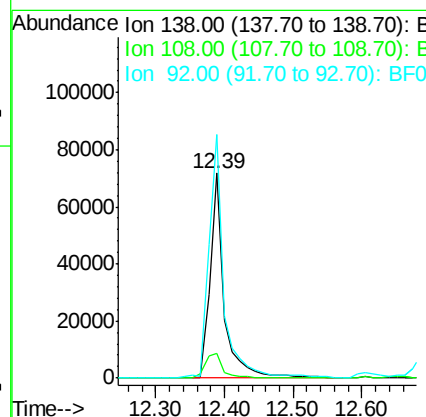
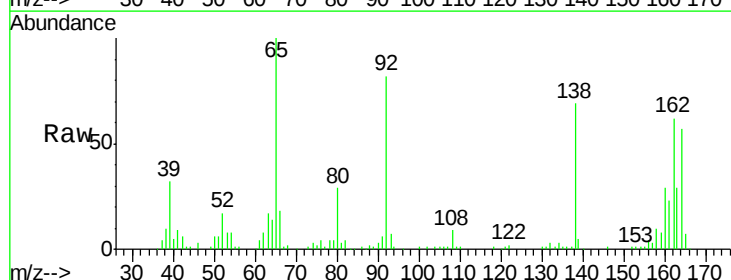
RT: 12.39 min Scan# 945

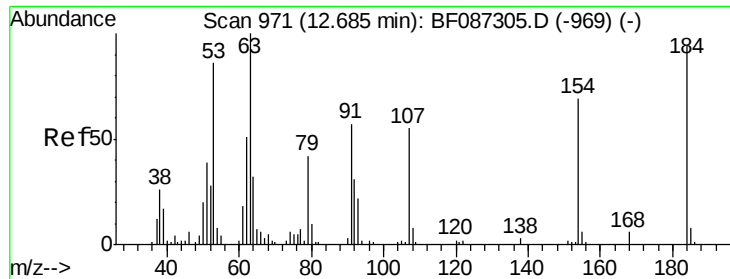
Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	138	Resp:	102472
Ion Ratio	Lower	Upper	
138	100		
108	12.4	7.8	11.6#
92	118.8	87.8	131.8





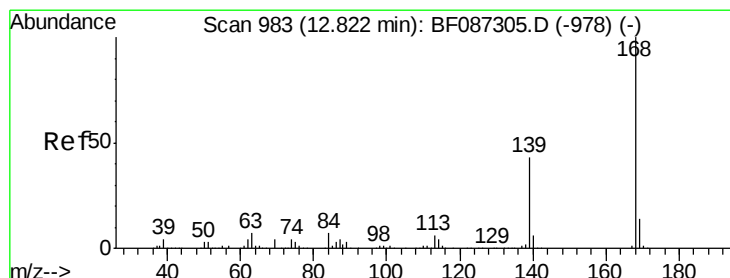
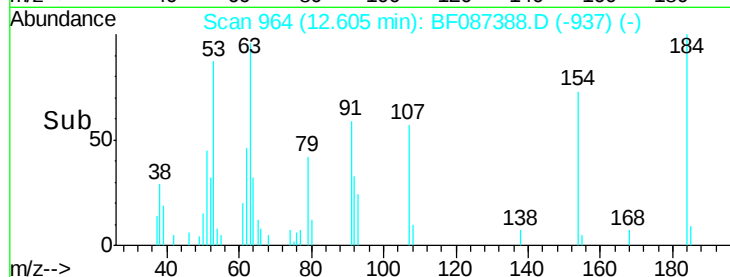
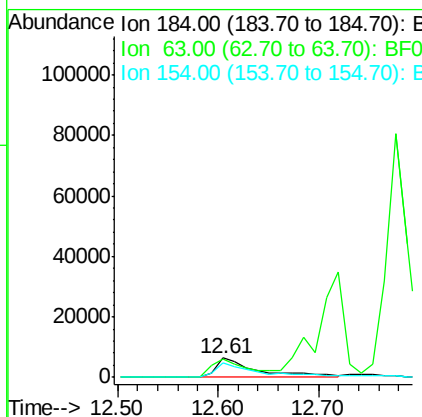
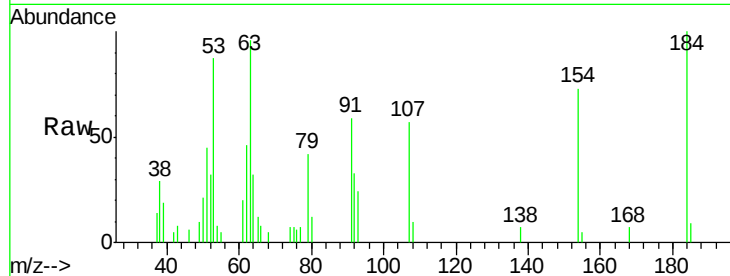
#53
2,4-Dinitrophenol
Concen: 17.68 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
184	100	18231		
63	96.4	55.8	83.8#	
154	73.2	62.4	93.6	

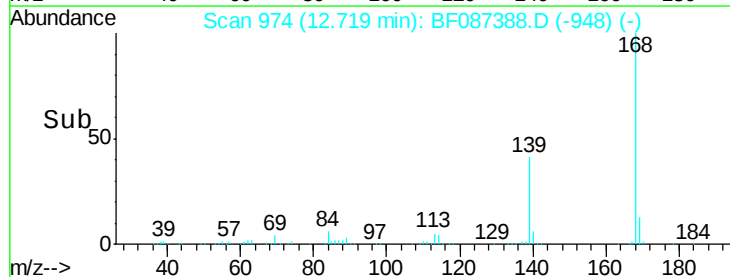
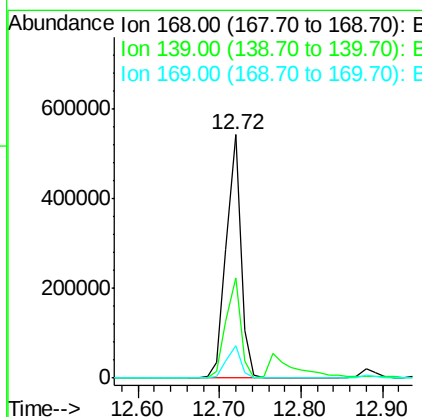
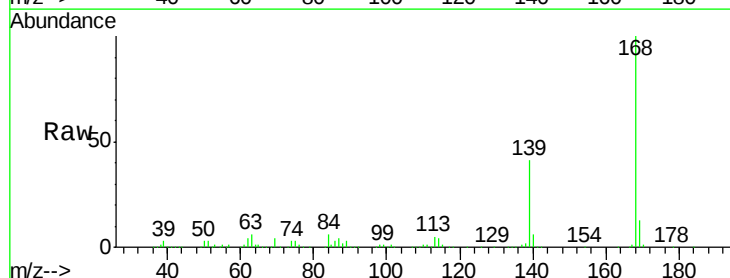
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#54
Dibenzofuran
Concen: 43.91 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	678264		
139	41.2	31.4	47.0	
169	13.3	10.7	16.1	





#55

4-Nitrophenol

Concen: 91.77 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

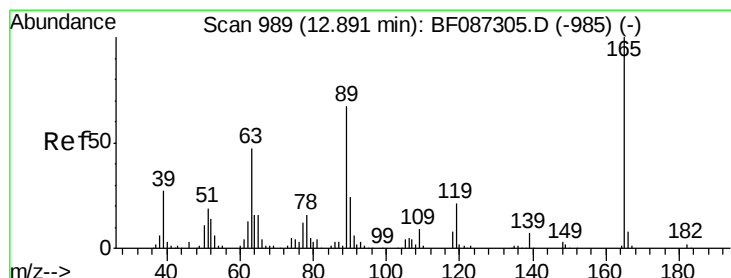
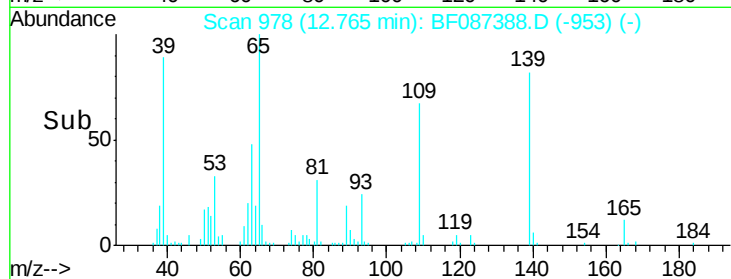
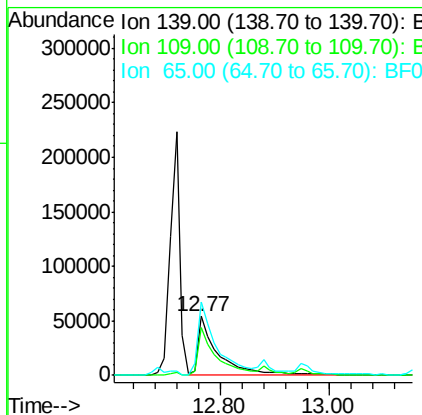
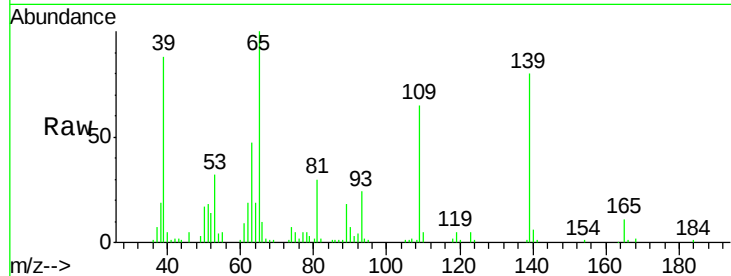
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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.1	36.9	76.9#	
65	125.4	64.0	104.0#	



#56

2,4-Dinitrotoluene

Concen: 37.05 ng

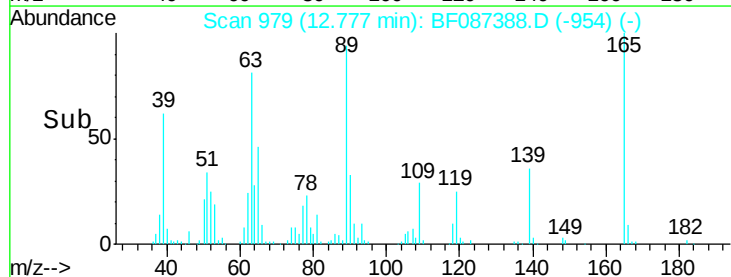
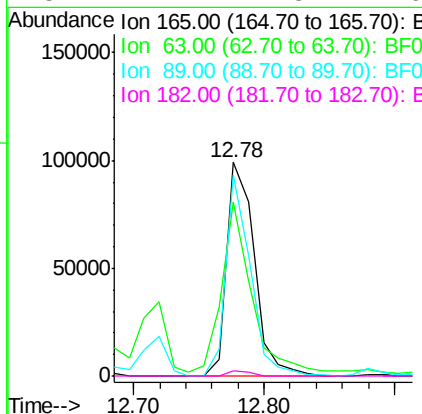
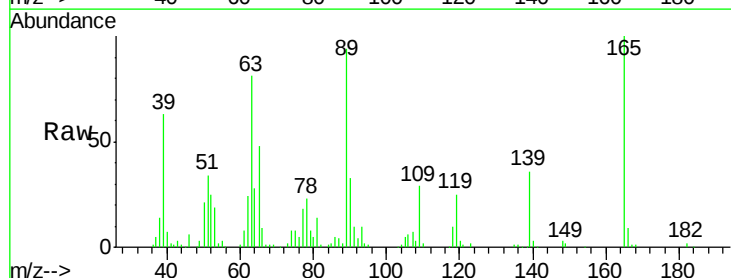
RT: 12.78 min Scan# 979

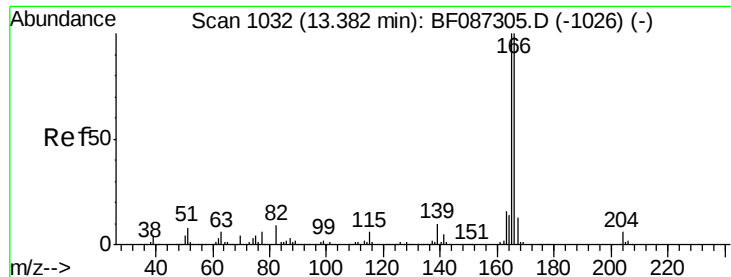
Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	81.2	44.3	66.5#	
89	93.8	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 38.92 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

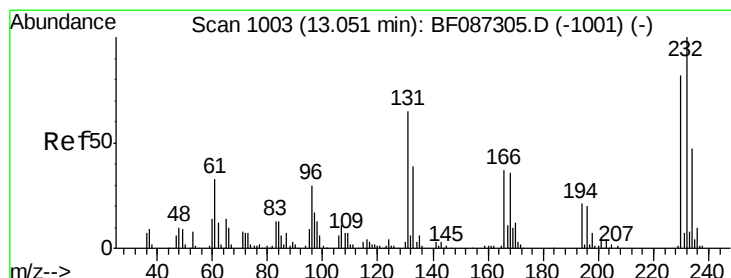
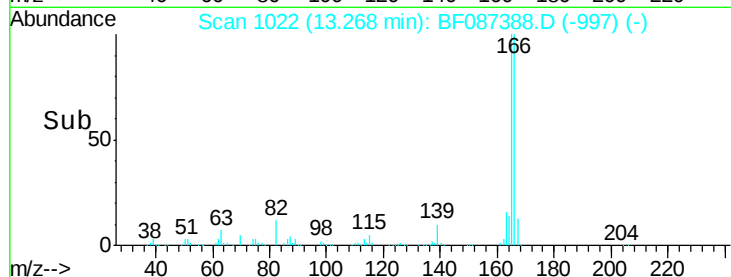
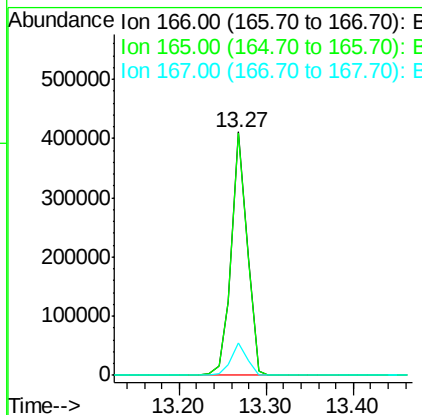
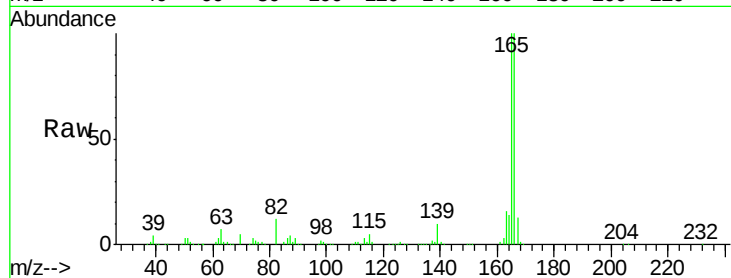
ClientSampleId :

PB90852BS

Tot Ion:	166	Resp:	521364
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.5	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.01 ng m

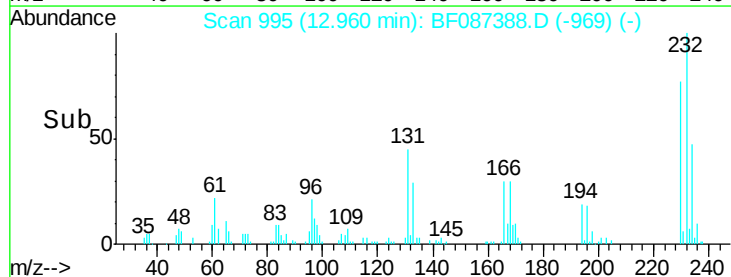
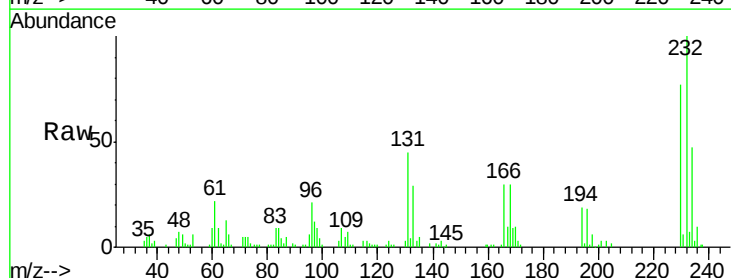
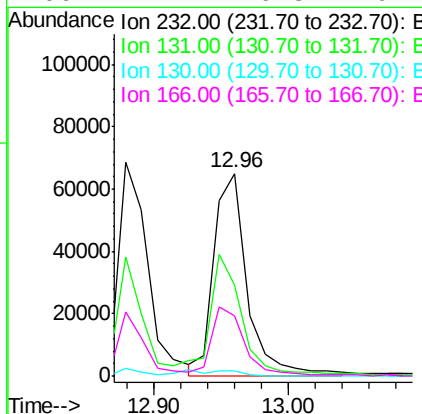
RT: 12.96 min Scan# 995

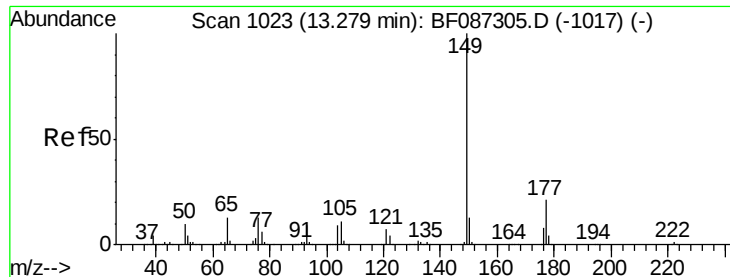
Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	232	Resp:	113320
Ion Ratio	Lower	Upper	
232	100		
131	43.9	41.9	62.9
130	2.5	2.2	3.4
166	24.7	26.8	40.2#





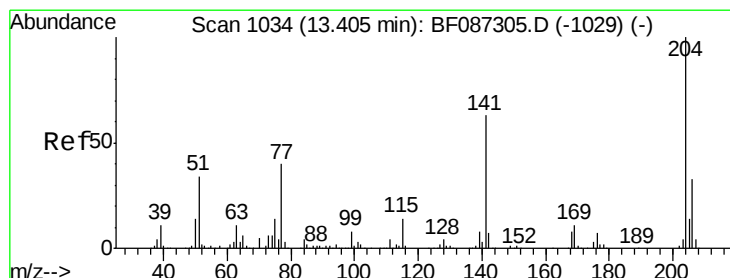
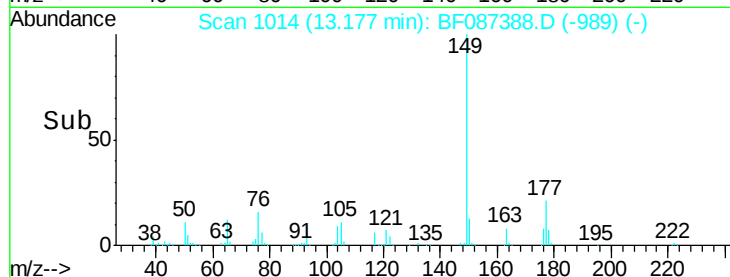
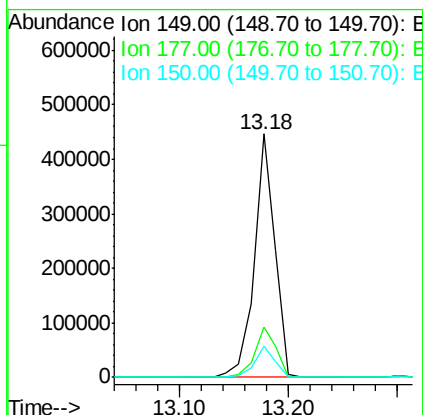
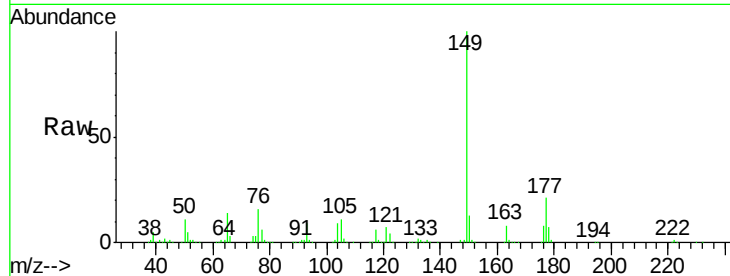
#59
Diethylphthalate
Concen: 41.30 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	585415		
177	20.6	16.6	24.8	
150	12.7	10.0	15.0	

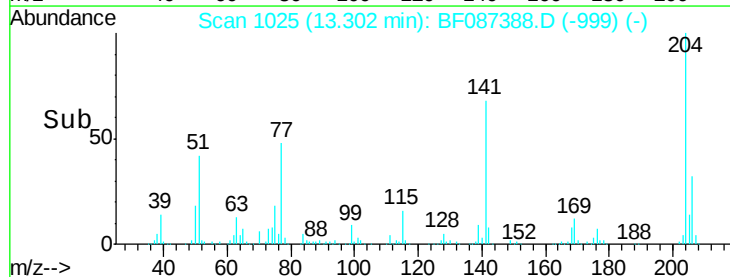
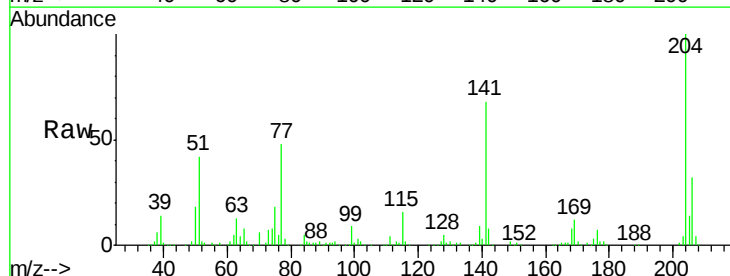
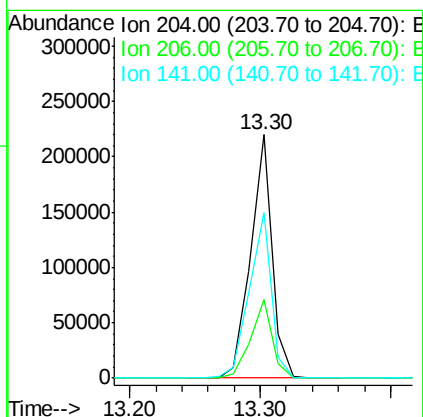
Manual Integrations
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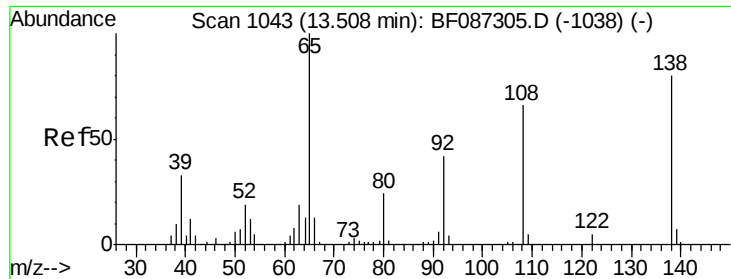
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.67 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	252612		
206	32.3	25.4	38.0	
141	68.0	61.6	92.4	





#61

4-Nitroaniline

Concen: 36.02 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

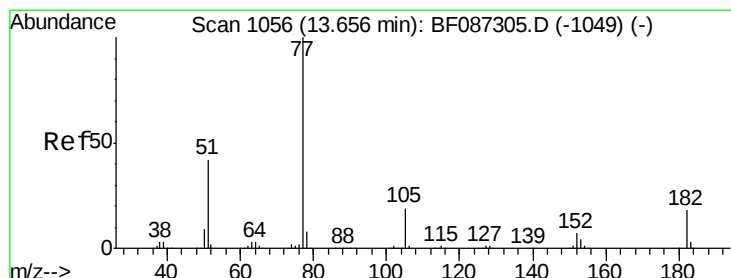
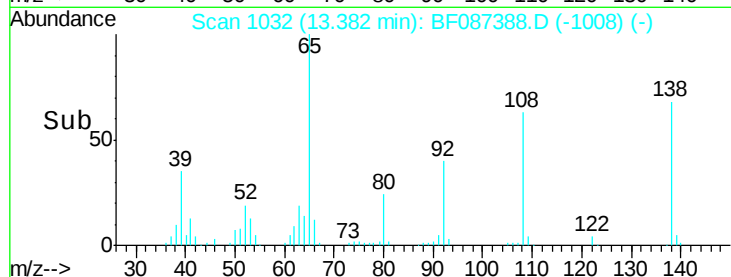
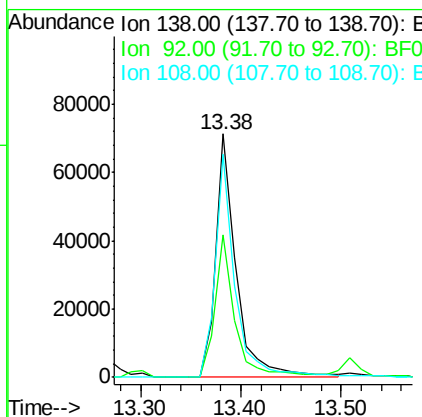
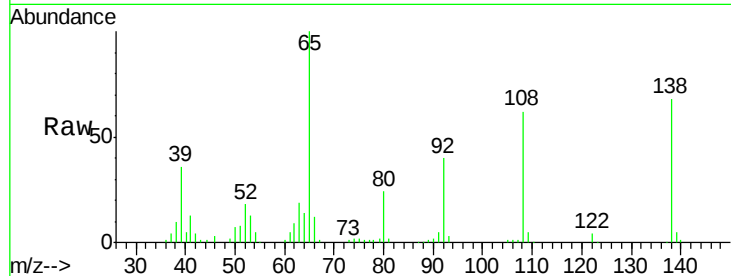
ClientSampled :

PB90852BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.6	24.7	64.7
108	91.8	37.4	77.4

Manual Integrations
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#62

Azobenzene

Concen: 43.44 ng

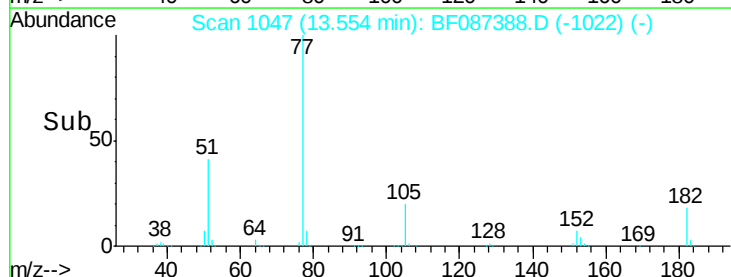
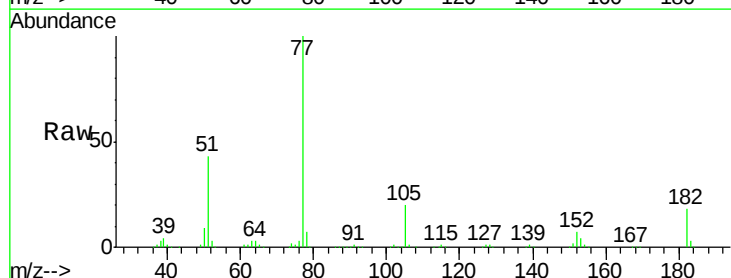
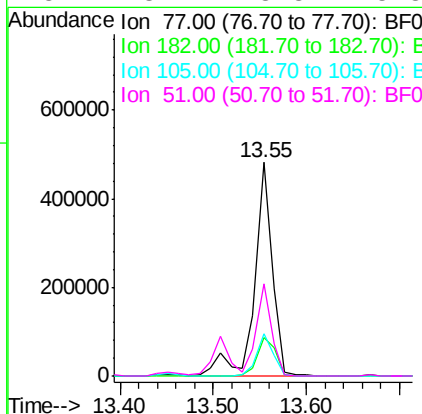
RT: 13.55 min Scan# 1047

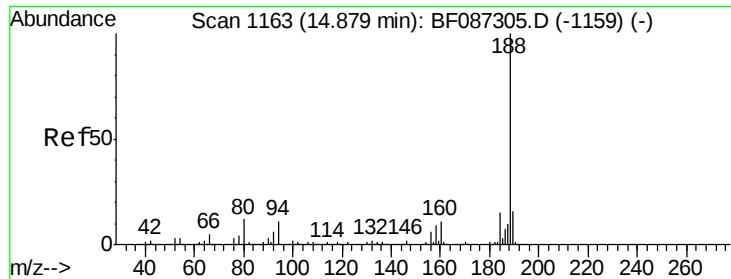
Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.0	38.8
105	19.6	3.2	43.2
51	43.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

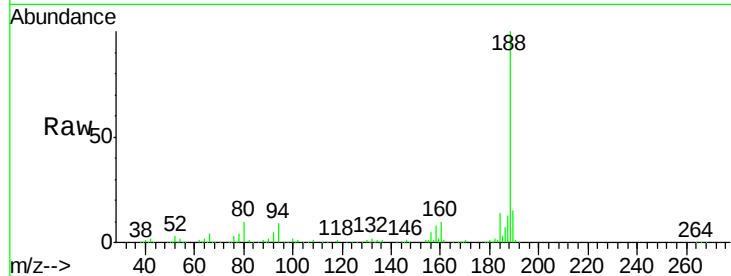
ClientSampleId :

PB90852BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	6.8	10.2
80	9.9	7.1	10.7

Manual Integrations
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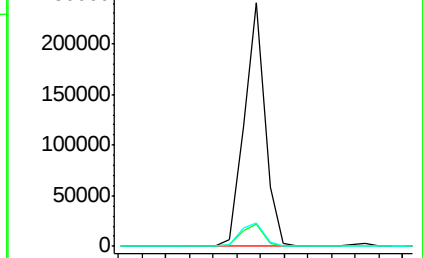
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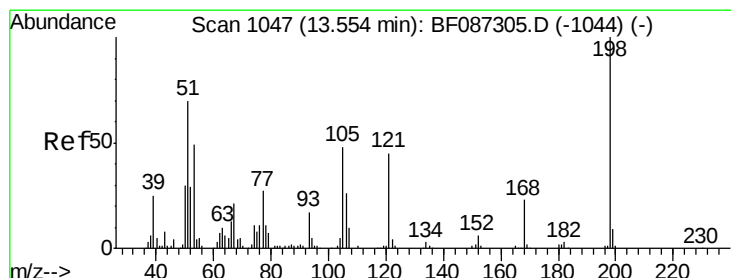
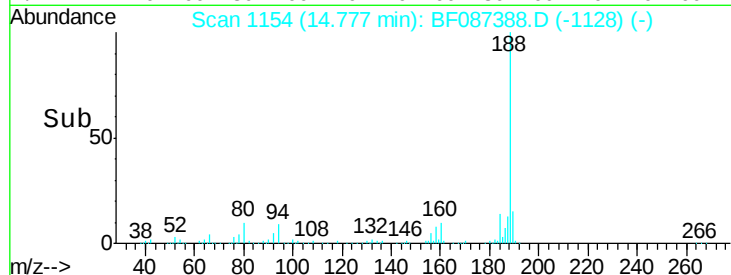
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 10.08 ng

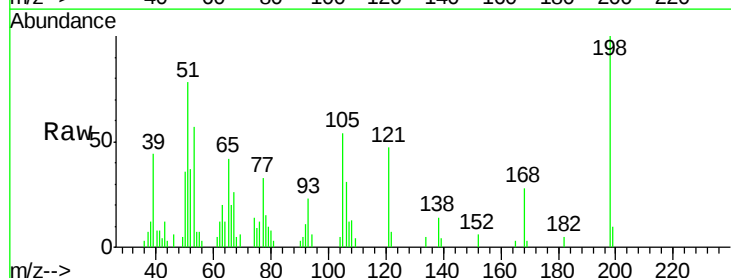
RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

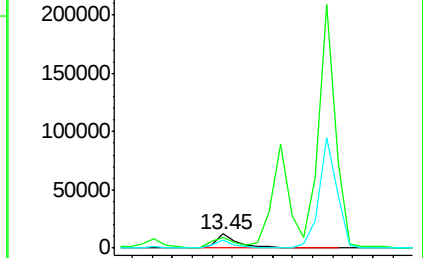
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	78.0	20.5	60.5#
105	53.9	24.5	64.5



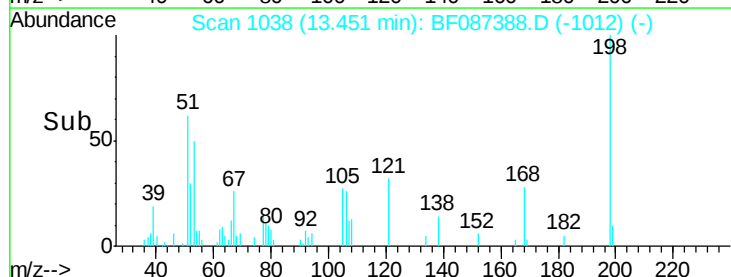
Abundance Ion 198.00 (197.70 to 198.70): E

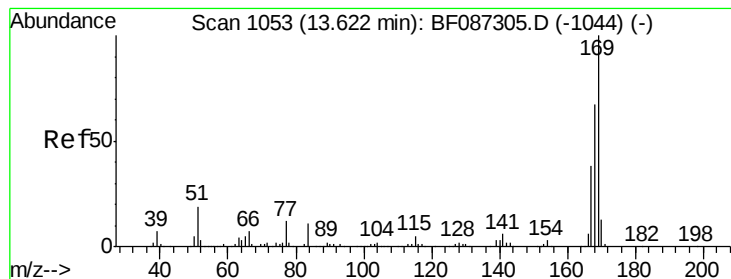
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





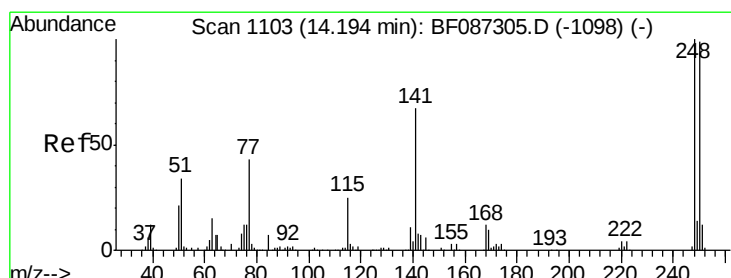
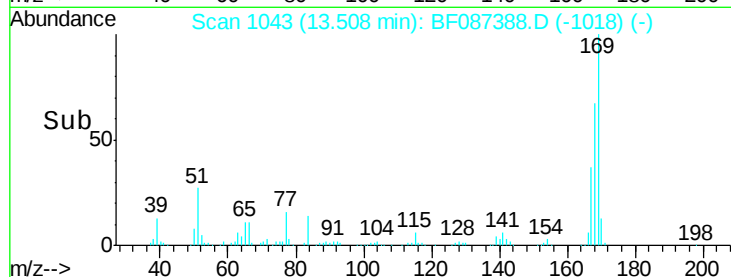
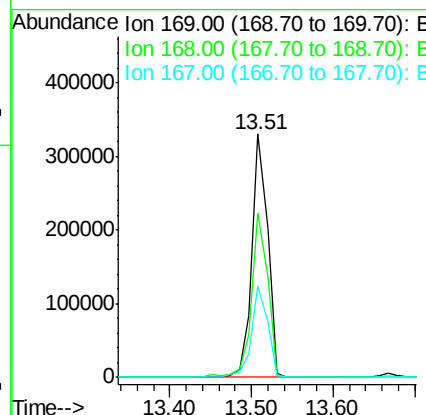
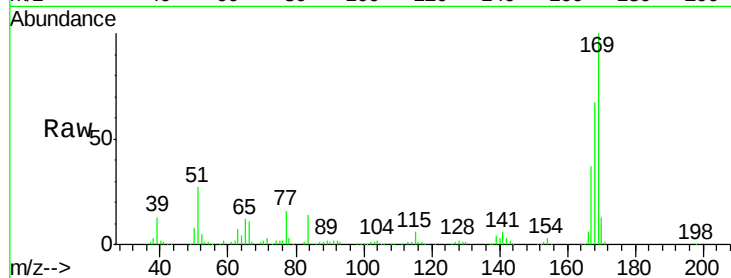
#65
n-Nitrosodiphenylamine
Concen: 45.98 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	439478		
168	67.3	53.8	80.6	
167	37.3	29.5	44.3	

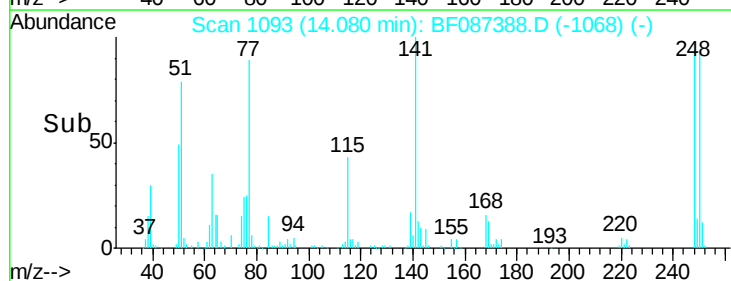
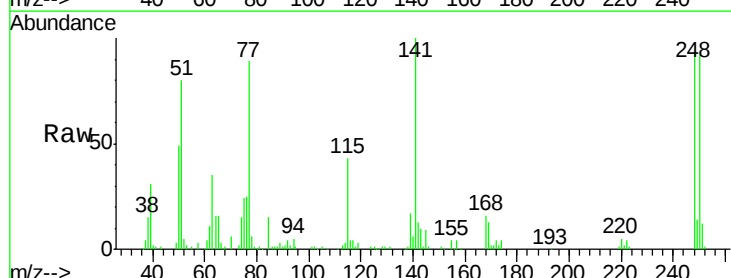
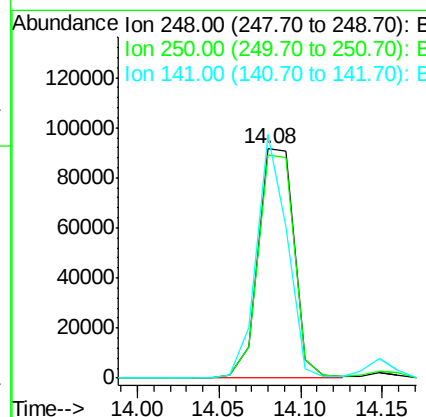
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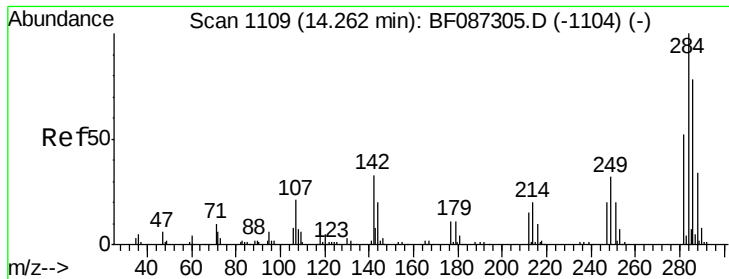
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#66
4-Bromophenyl-phenylether
Concen: 43.33 ng
RT: 14.08 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140073		
250	97.5	78.6	117.8	
141	106.3	76.0	114.0	





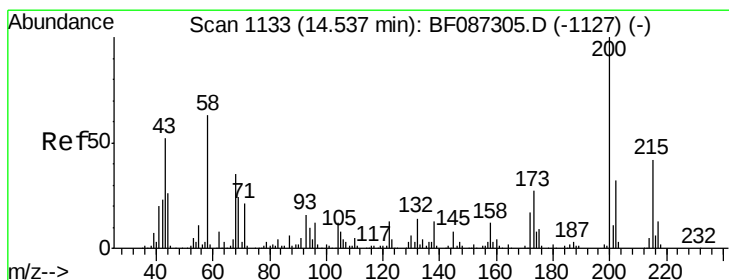
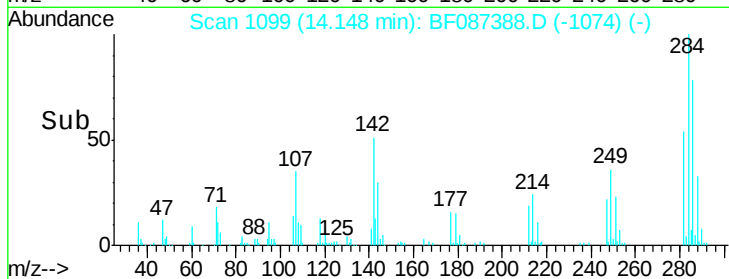
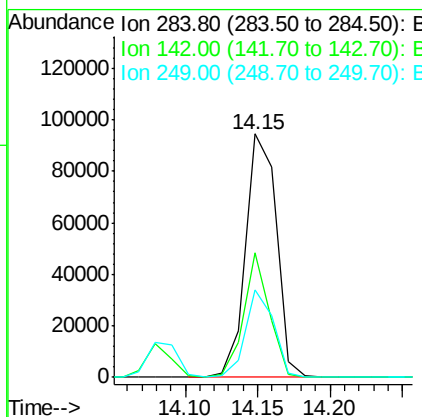
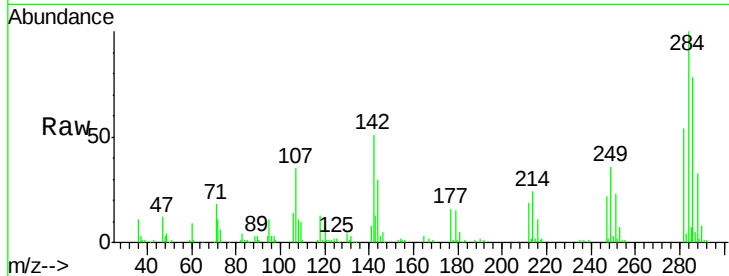
#67
Hexachlorobenzene
Concen: 41.09 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion:	284	Resp:	138944
Ion Ratio		Lower	Upper
284	100		
142	51.1	16.7	25.1#
249	35.9	21.3	31.9#

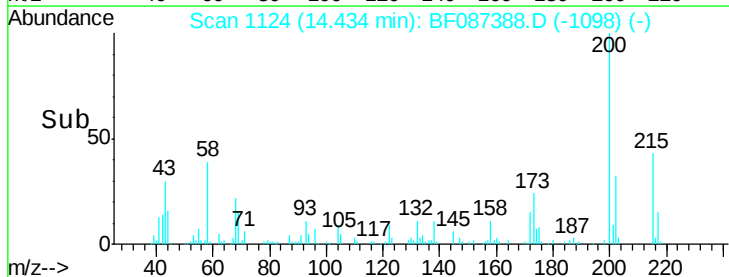
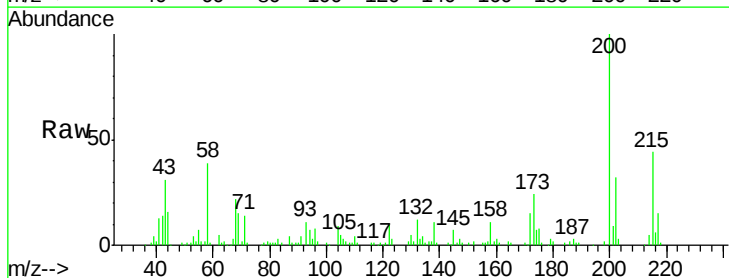
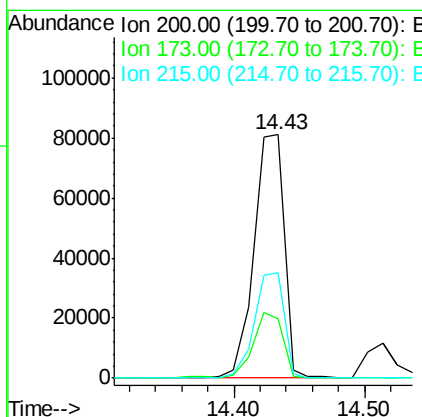
Manual Integrations
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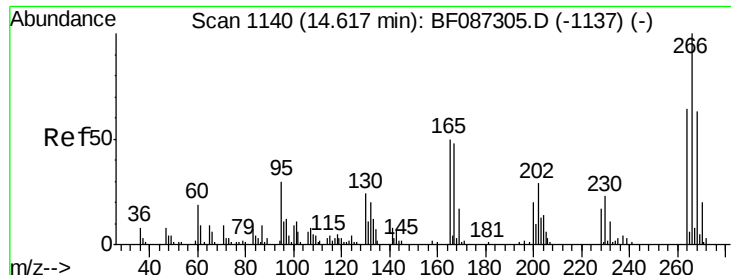
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#68
Atrazine
Concen: 43.24 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:	200	Resp:	131717
Ion Ratio		Lower	Upper
200	100		
173	24.4	8.5	48.5
215	43.5	27.2	67.2





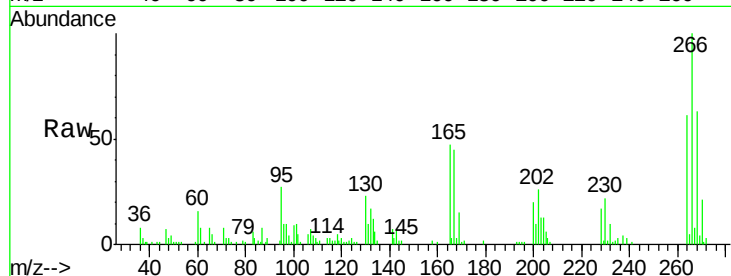
#69
 Pentachlorophenol
 Concen: 98.54 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

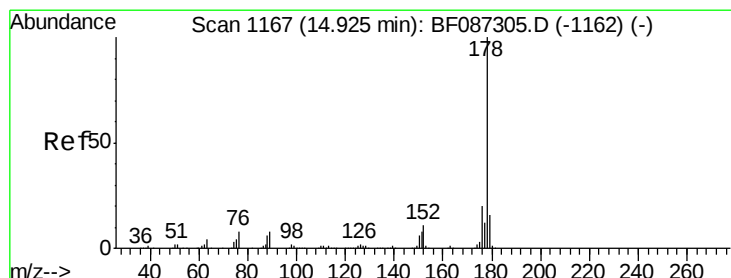
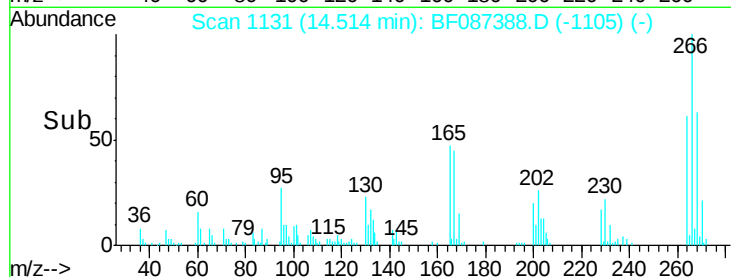
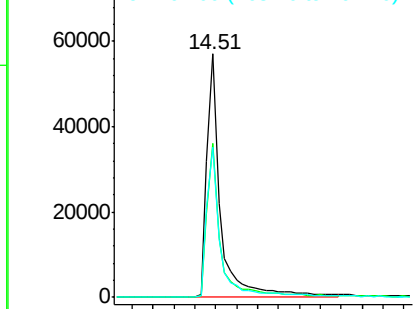
Tot Ion	Ratio	Resp	Lower	Upper
266	100	105180		
268	63.0		51.5	77.3
264	61.4		52.9	79.3

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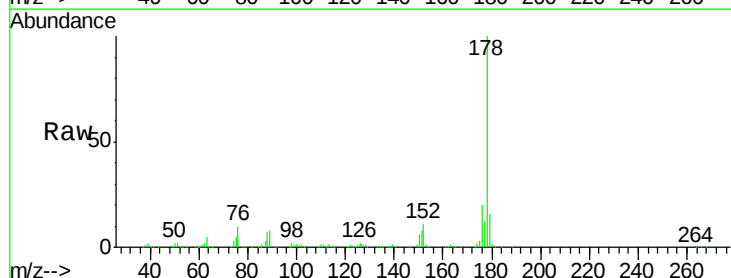


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

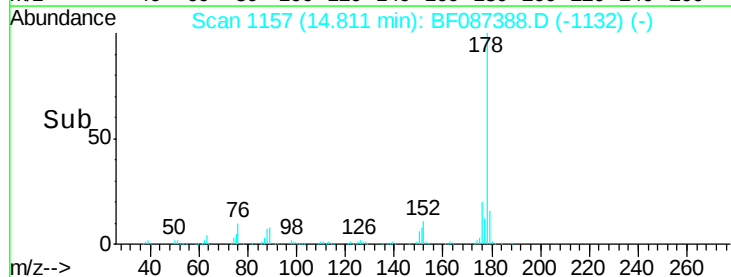
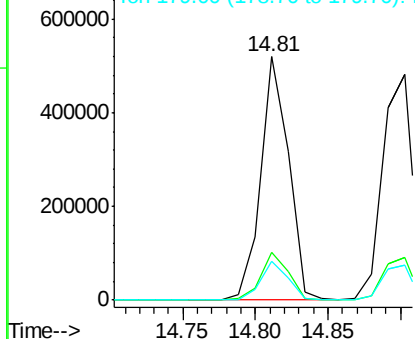


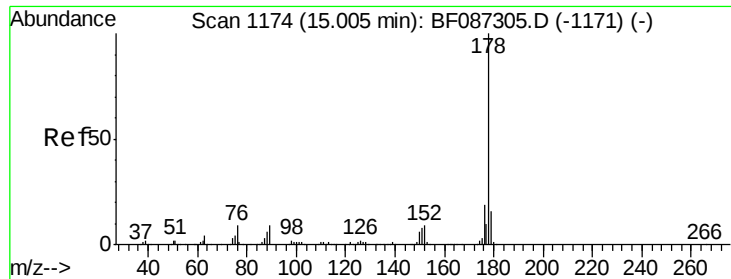
#70
 Phenanthrene
 Concen: 42.28 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	692141		
176	19.5		16.0	24.0
179	15.9		12.6	18.8



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





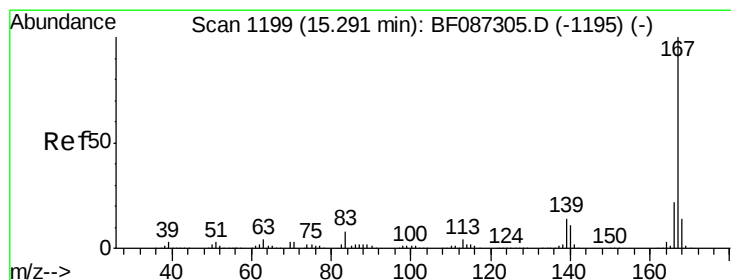
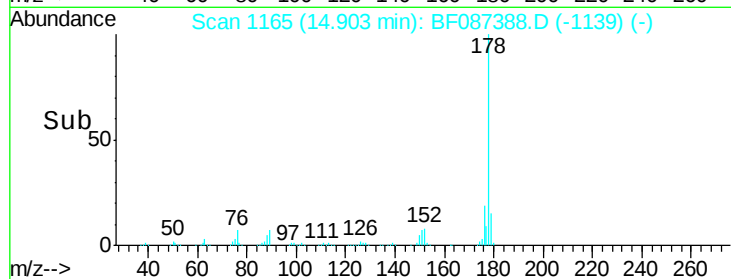
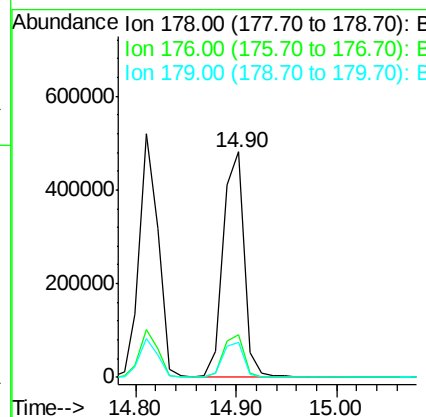
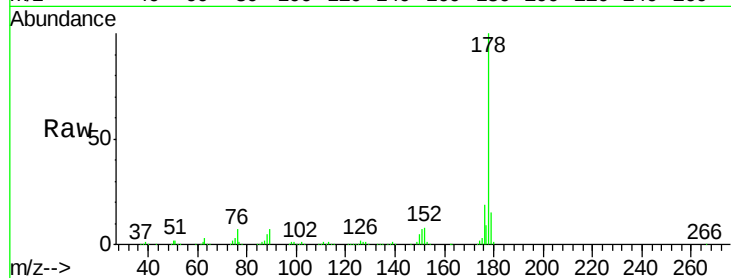
#71
 Anthracene
 Concen: 42.15 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.2	12.7	19.1

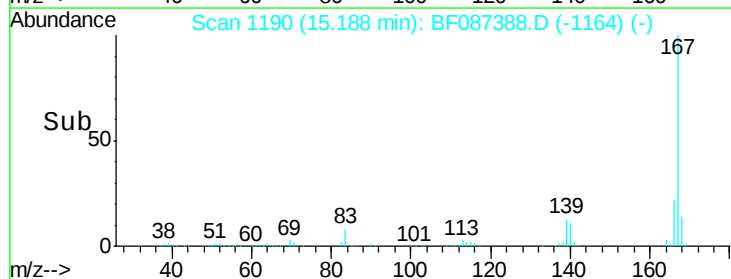
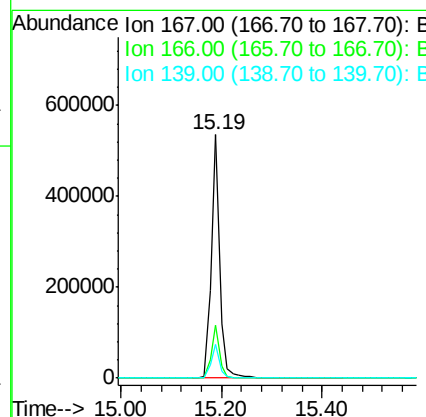
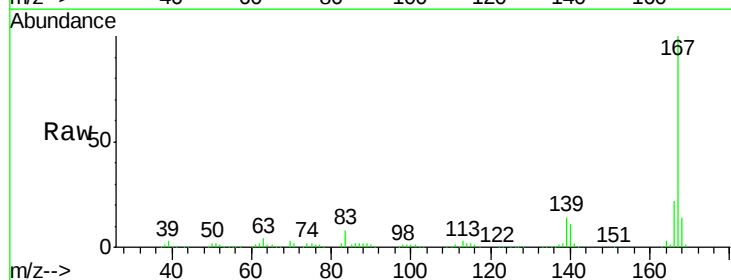
Manual Integrations
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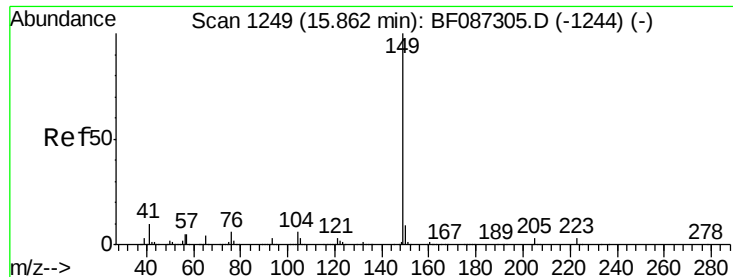
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#72
 Carbazole
 Concen: 44.04 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 44.35 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

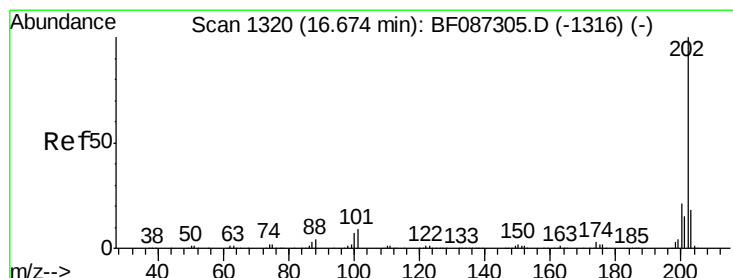
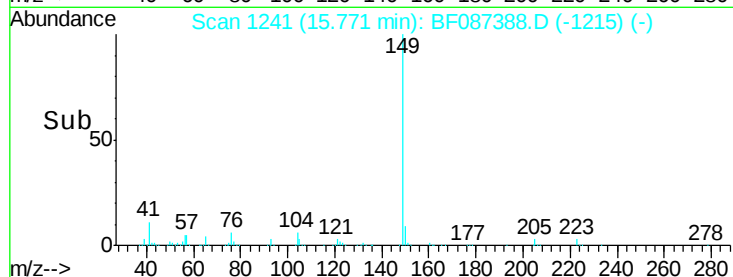
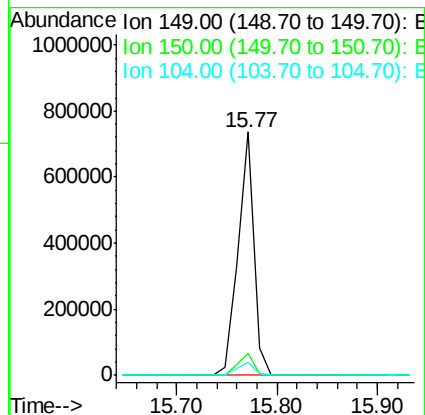
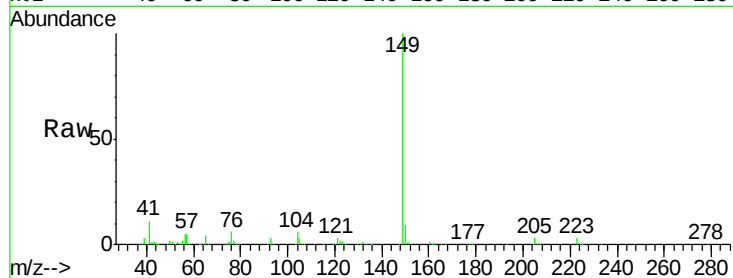
ClientSampleId :

PB90852BS

Tot Ion:	149	Resp:	808970
Ion Ratio		Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.7	3.8	5.6#

Manual Integrations
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#74

Fluoranthene

Concen: 40.09 ng

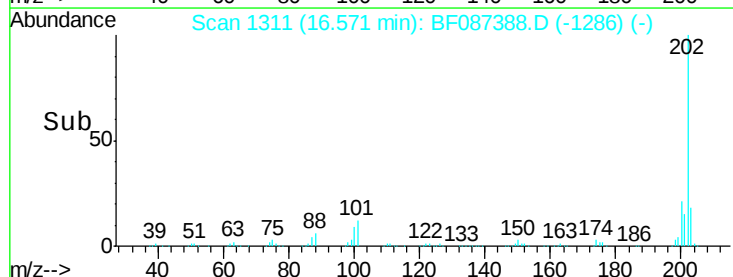
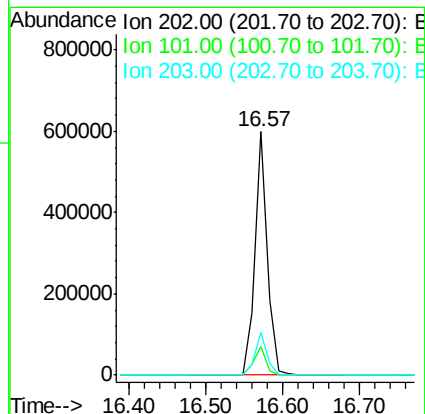
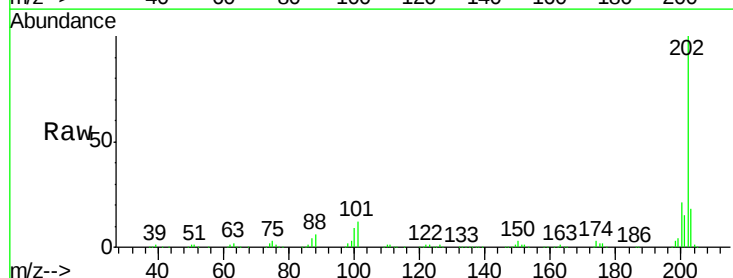
RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	202	Resp:	657988
Ion Ratio		Lower	Upper
202	100		
101	11.9	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

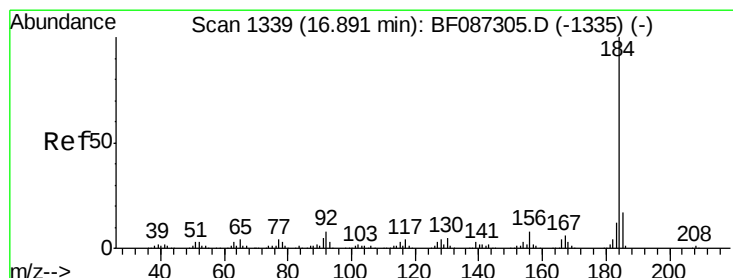
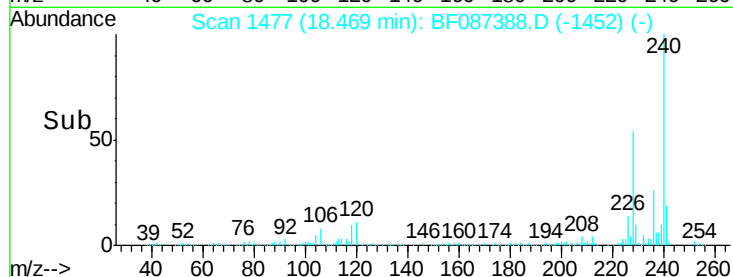
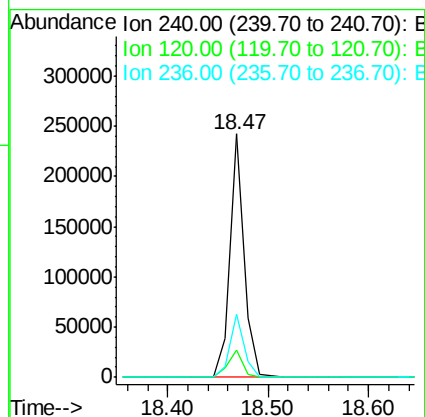
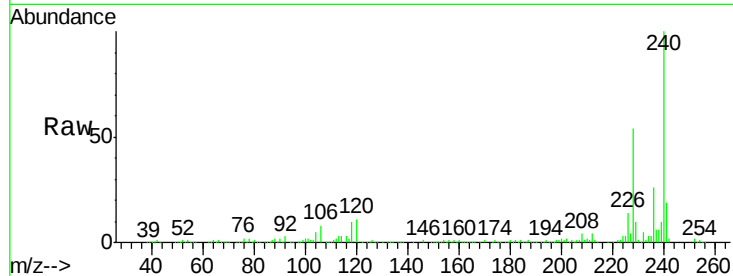
ClientSampleId :

PB90852BS

Tot Ion:	240	Resp:	237757
Ion Ratio	Lower	Upper	
240	100		
120	11.4	11.2	16.8
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 65.84 ng

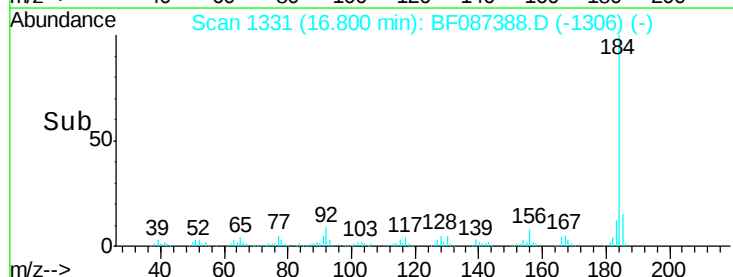
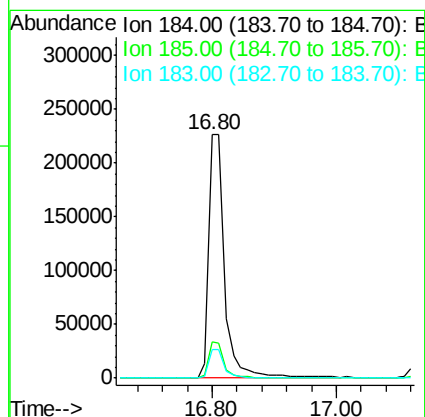
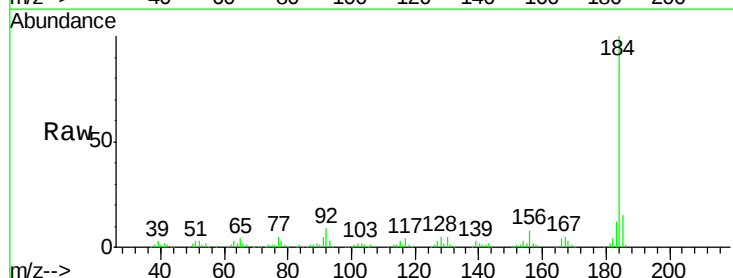
RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087388.D

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Tgt Ion:	184	Resp:	402793
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.8	9.8	14.6





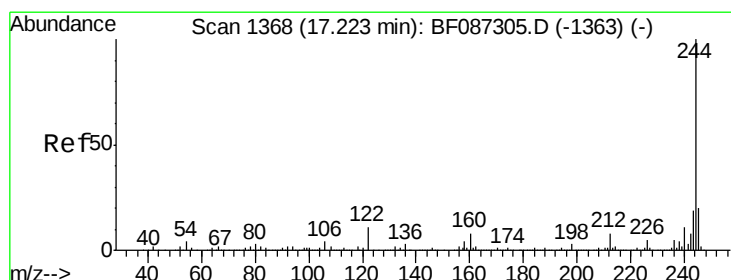
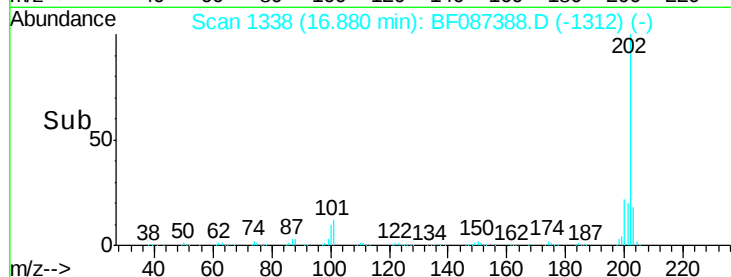
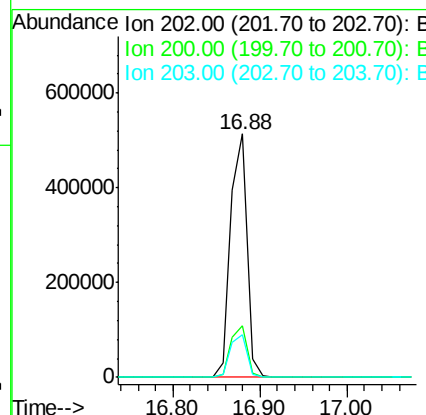
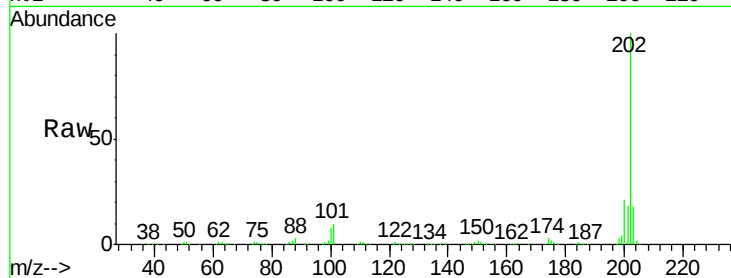
#77
Pvrene
Concen: 39.74 ng
RT: 16.88 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion:	202	Resp:	680104
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.7	14.2	21.4

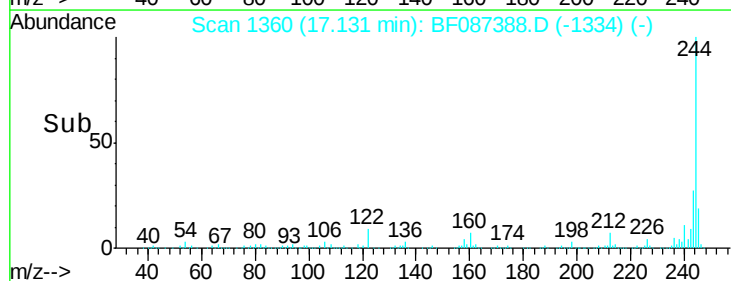
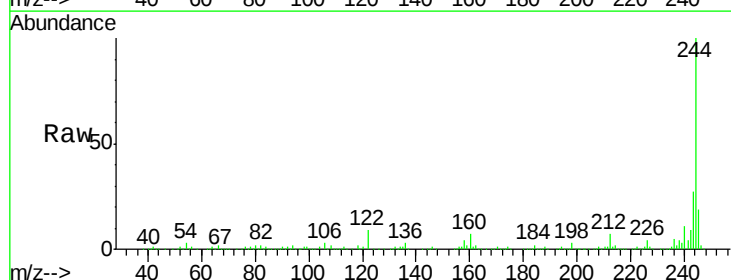
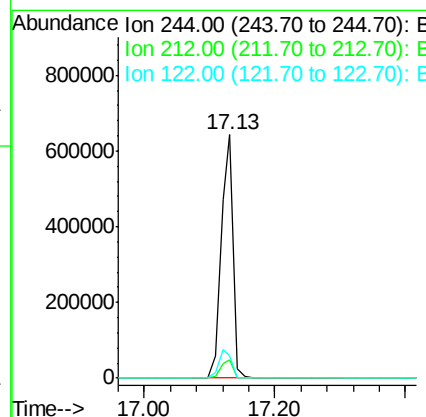
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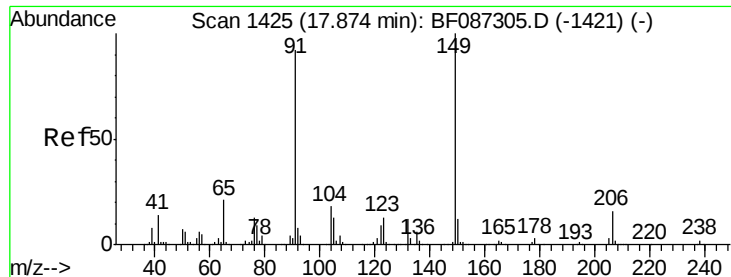
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#78
Terphenyl-d14
Concen: 74.14 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:	244	Resp:	829092
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.9	12.0	18.0#





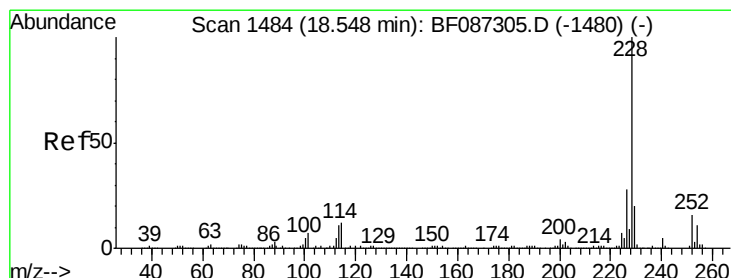
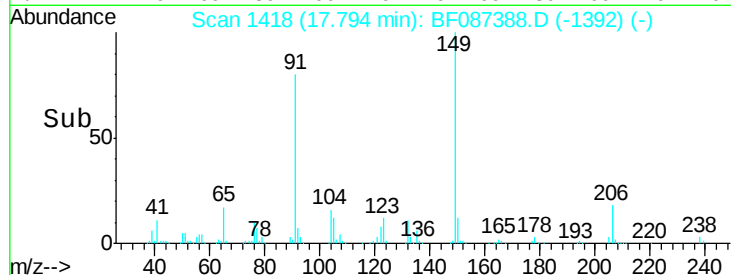
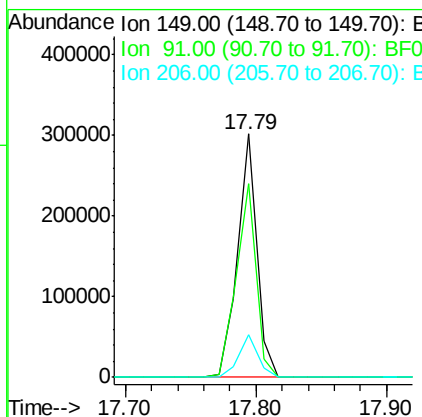
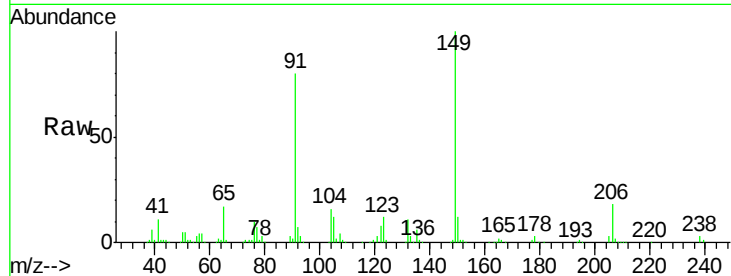
#79
Butylbenzylphthalate
Concen: 40.60 ng
RT: 17.79 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	308153		
91	79.8	48.0	72.0#	
206	17.7	15.8	23.6	

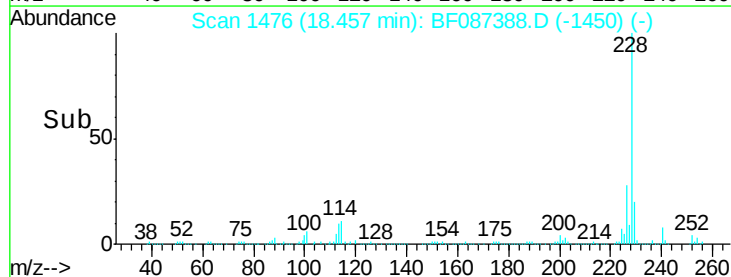
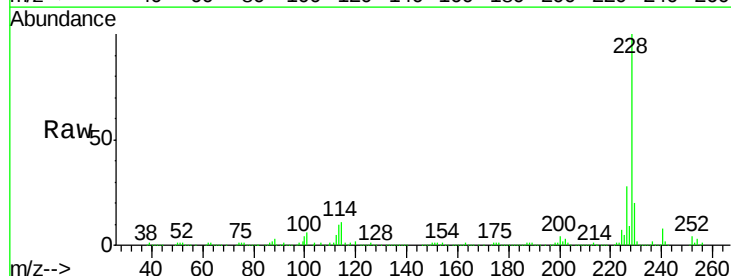
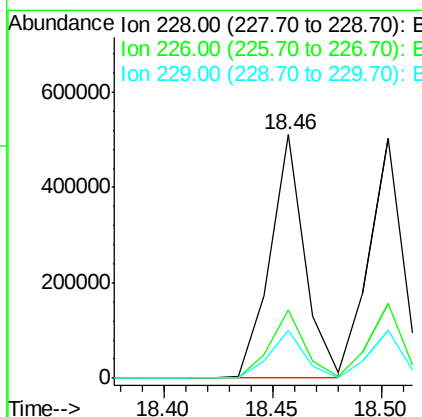
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#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	568516		
226	28.0	22.5	33.7	
229	19.5	16.6	25.0	





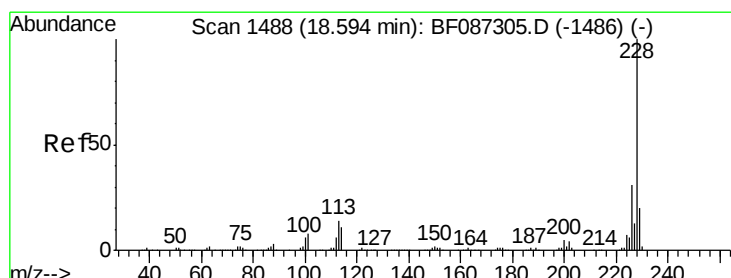
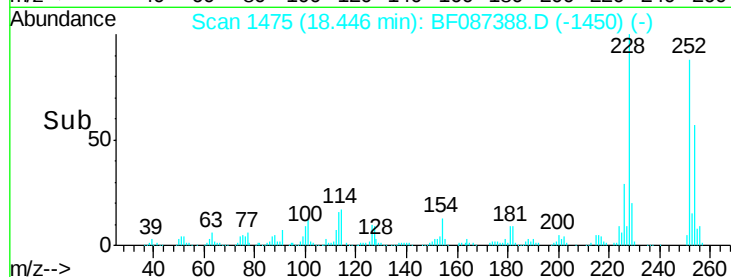
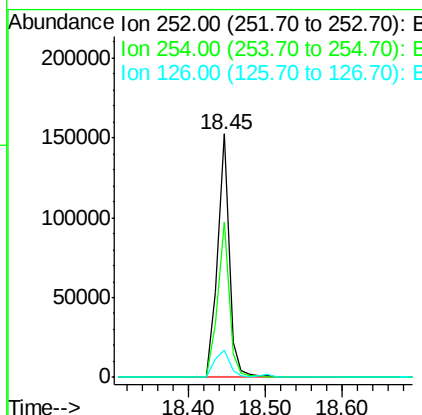
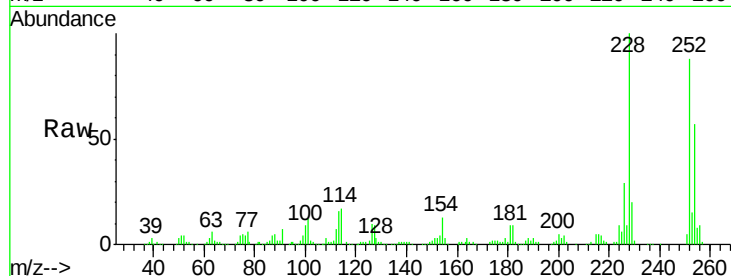
#81
 3,3'-Dichlorobenzidine
 Concen: 21.98 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164190		
254	64.0	50.7	76.1	
126	11.0	12.7	19.1	

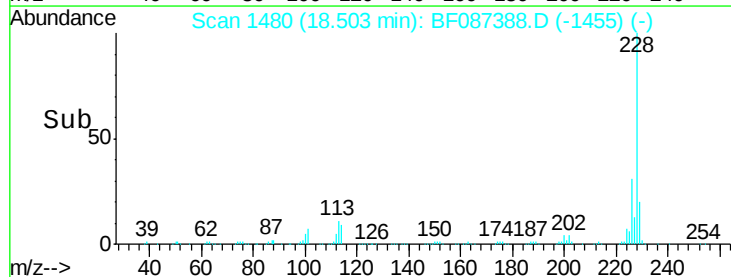
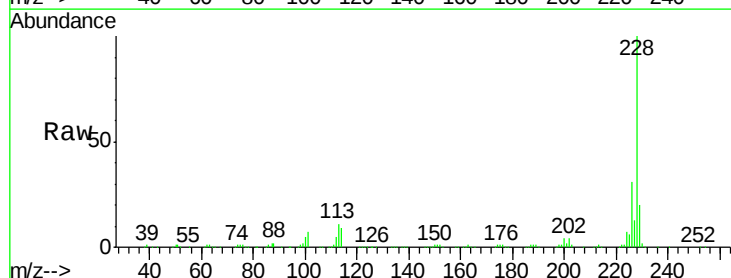
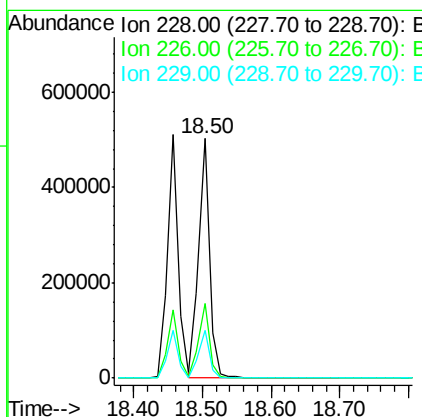
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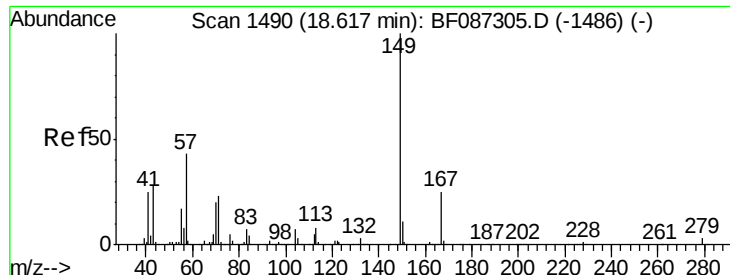
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#82
 Chrysene
 Concen: 40.78 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	547350		
226	31.0	24.4	36.6	
229	20.1	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.76 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

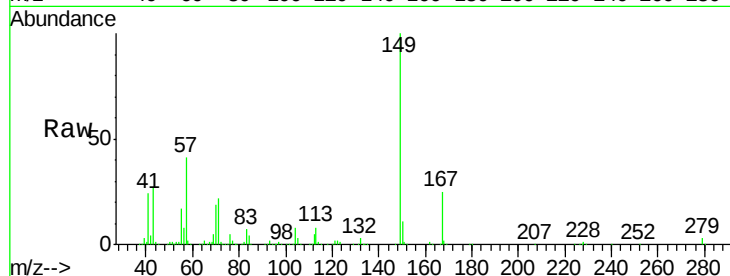
ClientSampleId :

PB90852BS

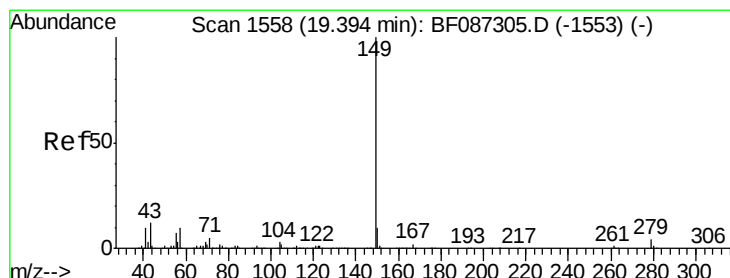
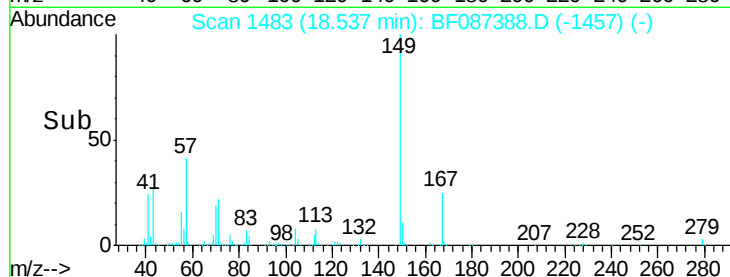
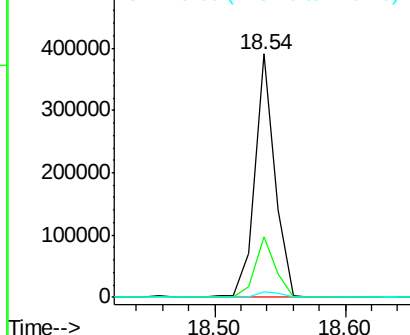
Tot Ion:	149	Resp:	418203
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.8	32.6
279	2.5	2.6	4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.52 ng

RT: 19.31 min Scan# 1551

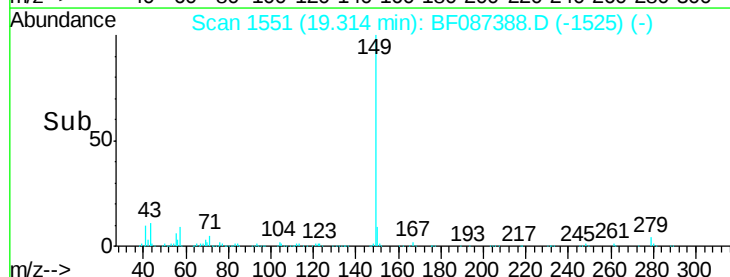
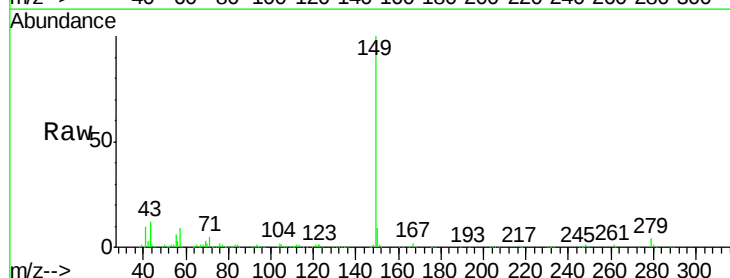
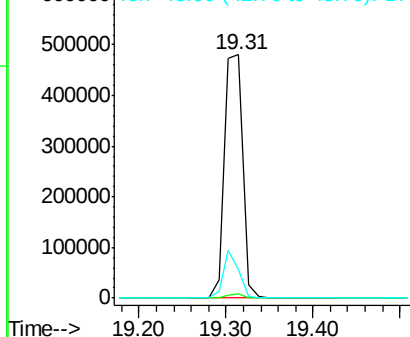
Delta R.T. 0.00 min

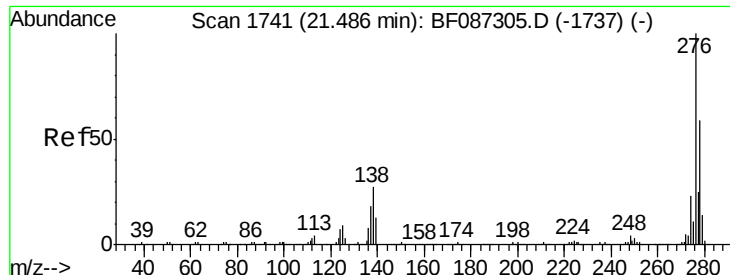
Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:	149	Resp:	701262
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.2	8.2	12.4#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





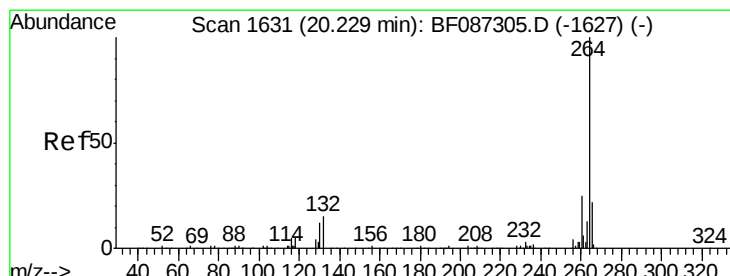
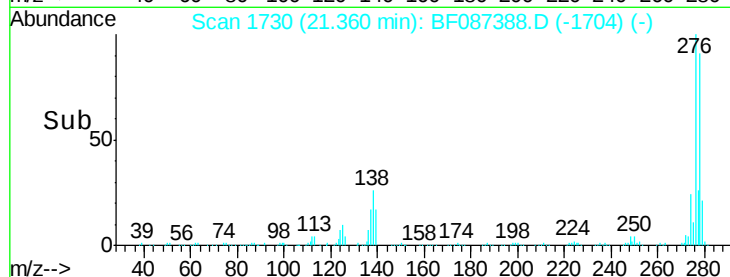
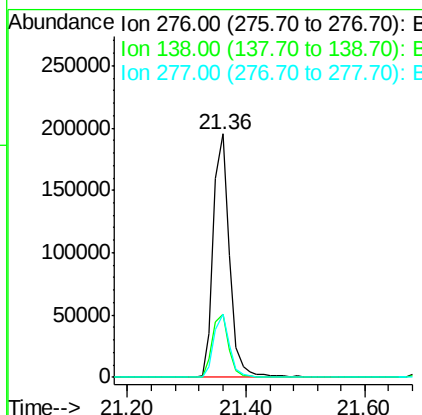
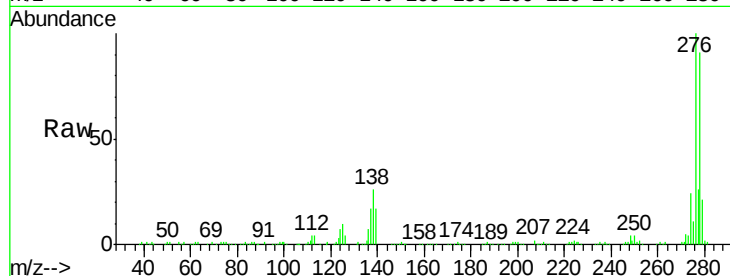
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.37 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampled :
 PB90852BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	369783		
138	26.5		25.6	38.4
277	25.1		20.5	30.7

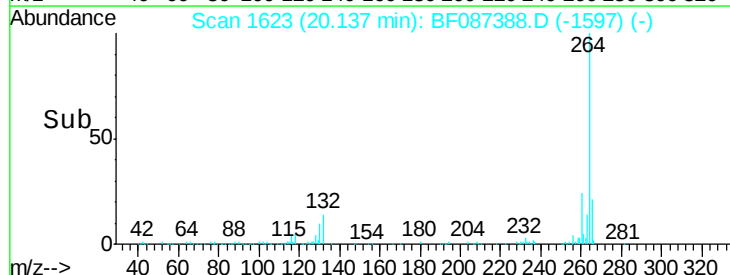
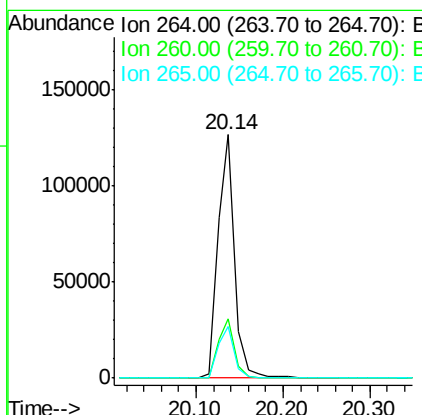
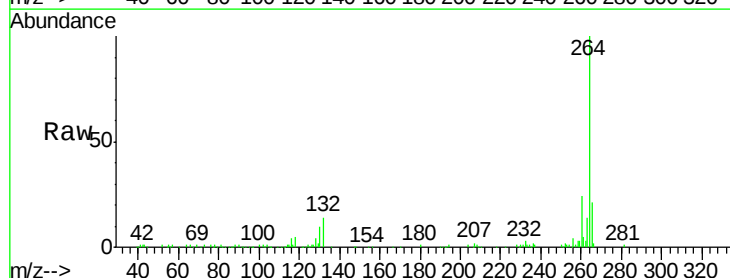
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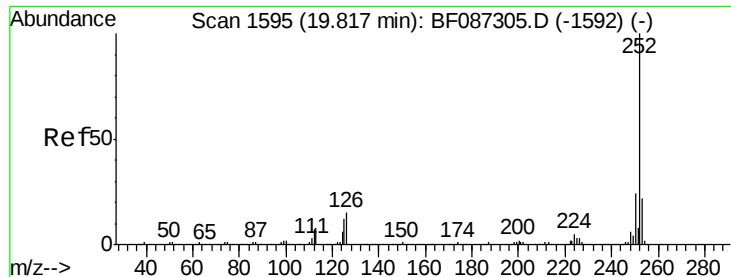
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	168844		
260	24.2		19.5	29.3
265	21.1		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.96 ng m

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

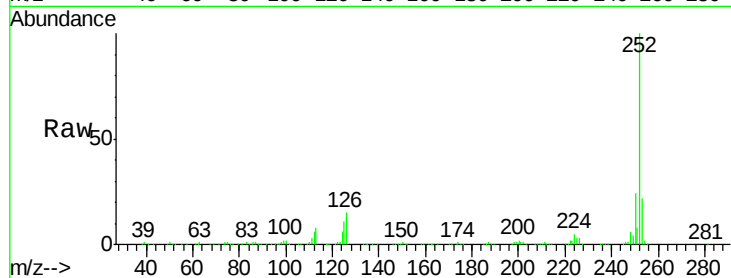
ClientSampleId :

PB90852BS

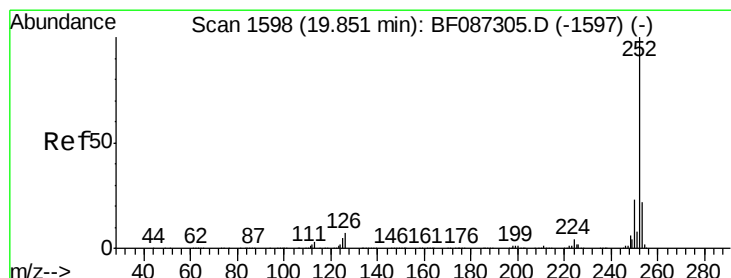
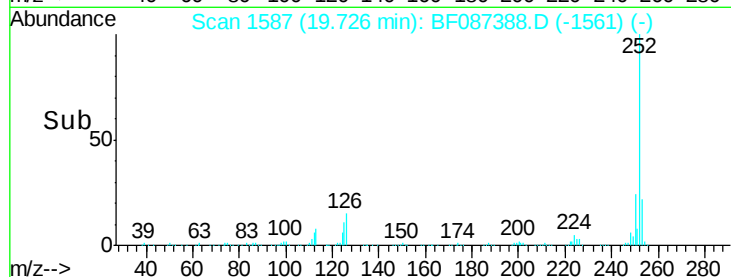
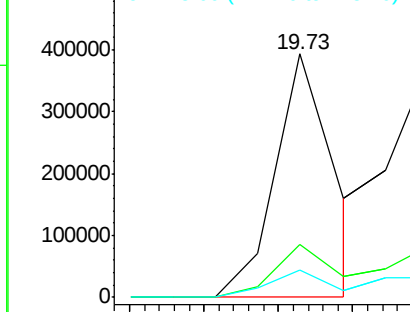
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.2	11.4	17.0#

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



#88

Benzo(k)fluoranthene

Concen: 49.04 ng m

RT: 19.76 min Scan# 1590

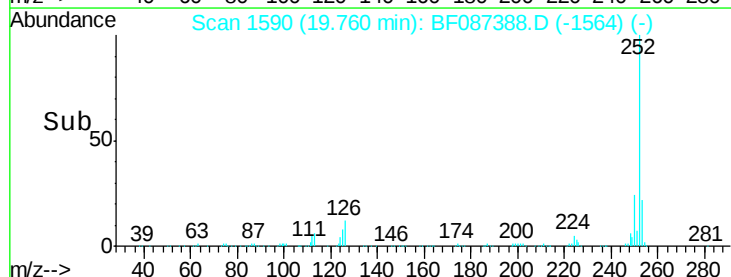
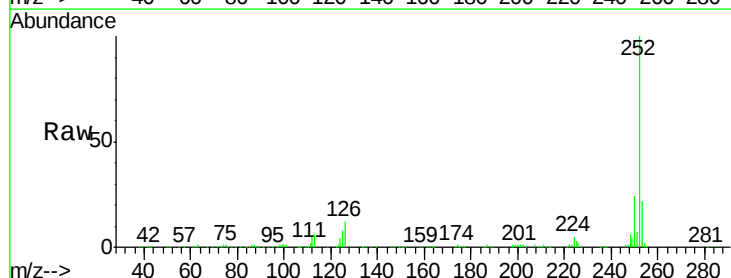
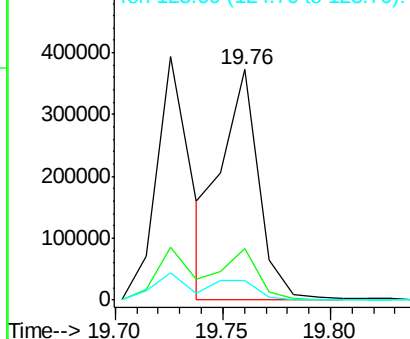
Delta R.T. 0.00 min

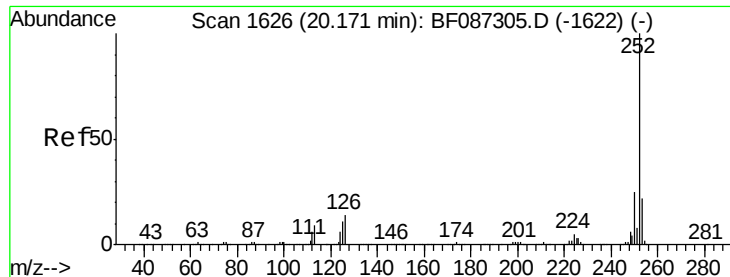
Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	9.1	13.7#

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





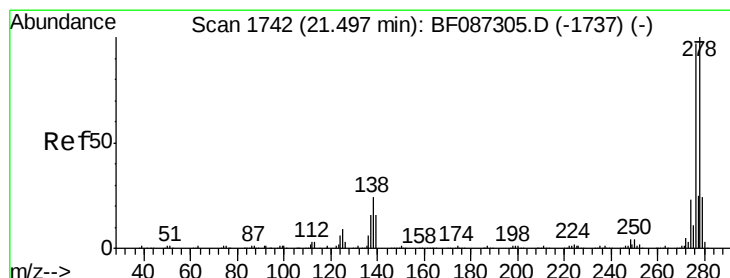
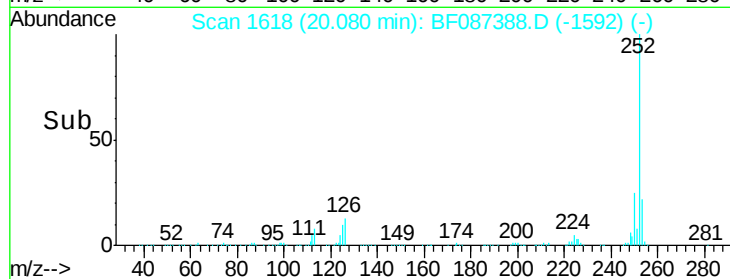
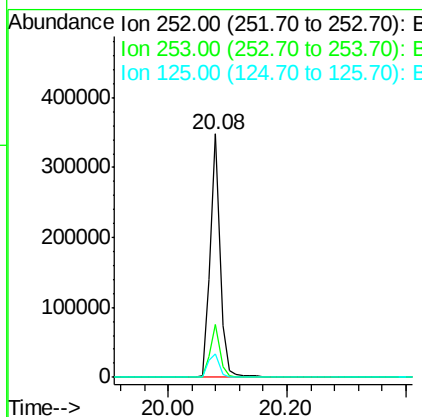
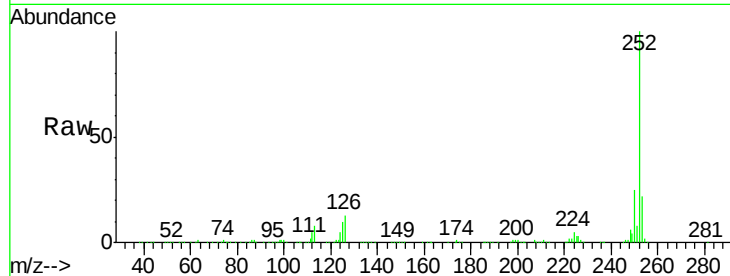
#89
Benzo(a)pyrene
Concen: 43.90 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.9	9.0	13.6

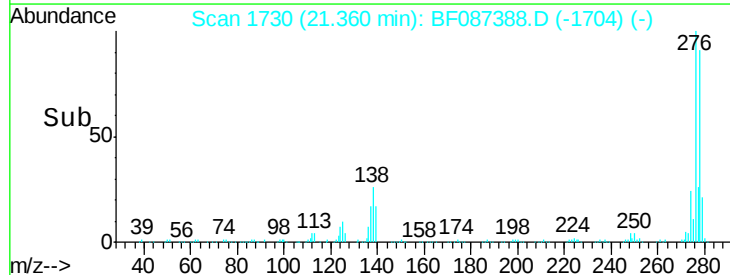
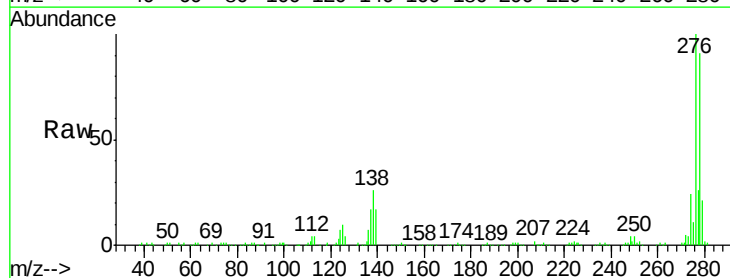
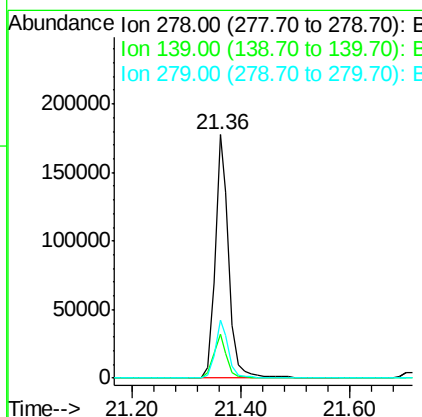
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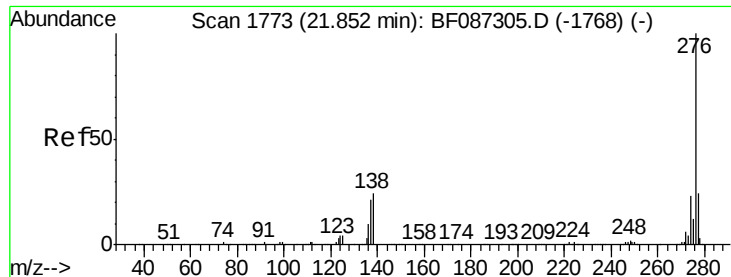
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#90
Dibenzo(a,h)anthracene
Concen: 39.66 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.45 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tot Ion:	276	Resp:	300981
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.6	29.4
138	25.1	23.6	35.4

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