

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087422.D
 Acq On : 26 May 2016 23:00
 Operator : UM/SJ
 Sample : PB90911BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Manual Integrations
 APPROVED

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 5/27/2016 7:37:41 PM

Quant Time: May 27 02:28:57 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	7.51	152	99925	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	406715	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	192030	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	374654	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	288165	20.00	ng	-0.01
86) Perylene-d12	20.13	264	214309	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	499092	87.76	ng	0.01
7) Phenol-d6	7.06	99	637491	82.96	ng	-0.01
23) Nitrobenzene-d5	8.42	82	629745	78.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.67	330	146694	79.49	ng	-0.01
44) 2-Fluorobiphenyl	11.31	172	1073335	78.80	ng	-0.02
78) Terphenyl-d14	17.12	244	1043039	76.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.90	88	98308	32.76	ng	# 61
3) Pyridine	2.48	79	244002	37.20	ng	# 62
4) n-Nitrosodimethylamine	2.46	42	226141	44.74	ng	# 48
6) Aniline	7.02	93	240269	24.17	ng	90
8) 2-Chlorophenol	7.19	128	297038	41.88	ng	91
9) Benzaldehyde	6.86	77	35273	8.31	ng	96
10) Phenol	7.07	94	372823	44.43	ng	71
11) bis(2-Chloroethyl)ether	7.14	93	288435	42.47	ng	84
12) 1,3-Dichlorobenzene	7.40	146	308696	39.91	ng	# 94
13) 1,4-Dichlorobenzene	7.53	146	316818	39.90	ng	# 93
14) 1,2-Dichlorobenzene	7.76	146	299794	40.81	ng	96
15) Benzyl Alcohol	7.80	79	247178	44.12	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	566484	37.07	ng	98
17) 2-Methylphenol	8.02	107	239474	42.14	ng	# 87
18) Hexachloroethane	8.28	117	119522	40.35	ng	# 89
19) n-Nitroso-di-n-propylamine	8.23	70	240062	41.89	ng	# 74
20) 3+4-Methylphenols	8.28	107	304456	44.31	ng	# 60
22) Acetophenone	8.19	105	431011	44.36	ng	# 97
24) Nitrobenzene	8.44	77	348101	40.86	ng	95
25) Isophorone	8.84	82	583804	40.34	ng	# 98
26) 2-Nitrophenol	8.96	139	149838	43.03	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	266663	44.12	ng	89
28) bis(2-Chloroethoxy)methane	9.23	93	354279	43.46	ng	99
29) 2,4-Dichlorophenol	9.38	162	240880	44.22	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	255611	40.99	ng	97
31) Naphthalene	9.56	128	844560	41.44	ng	99
32) Benzoic acid	9.42	122	122810	40.49	ng	# 71
33) 4-Chloroaniline	9.74	127	82749	11.02	ng	# 91
34) Hexachlorobutadiene	9.78	225	147519	38.92	ng	99
35) Caprolactam	10.33	113	74320m	46.74	ng	
36) 4-Chloro-3-methylphenol	10.59	107	281938	45.78	ng	96
37) 2-Methylnaphthalene	10.70	142	549602	43.17	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	237775	38.68	ng	98
40) Hexachlorocyclopentadiene	10.95	237	162569	66.13	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	143907	40.56	nq	94
43) 2,4,5-Trichlorophenol	11.29	196	150227	41.58	nq #	91
45) 1,1'-Biphenyl	11.46	154	681604	42.16	nq	97
46) 2-Chloronaphthalene	11.48	162	510465	41.27	nq	97
47) 2-Nitroaniline	11.70	65	206246	46.28	nq #	79
48) Acenaphthylene	12.14	152	814911	41.61	nq	99
49) Dimethylphthalate	12.02	163	630458	40.98	nq	100
50) 2,6-Dinitrotoluene	12.11	165	132126	42.63	nq #	77
51) Acenaphthene	12.42	154	504366	41.90	nq	97
52) 3-Nitroaniline	12.39	138	71868	22.59	nq	94
53) 2,4-Dinitrophenol	12.58	184	118781	75.30	nq #	83
54) Dibenzofuran	12.71	168	746422	45.80	nq	95
55) 4-Nitrophenol	12.78	139	118474	78.07	nq #	40
56) 2,4-Dinitrotoluene	12.78	165	187135	45.17	nq #	91
57) Fluorene	13.26	166	604028	42.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	131508	47.31	nq	98
59) Diethylphthalate	13.16	149	621249	41.54	nq	100
60) 4-Chlorophenyl-phenylether	13.29	204	282513	41.00	nq	91
61) 4-Nitroaniline	13.38	138	128911	43.42	nq #	62
62) Azobenzene	13.54	77	741030	47.76	nq	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96489	40.50	nq #	67
65) n-Nitrosodiphenylamine	13.51	169	512712	42.32	nq	100
66) 4-Bromophenyl-phenylether	14.07	248	165297	40.33	nq	92
67) Hexachlorobenzene	14.14	284	172880	40.33	nq #	61
68) Atrazine	14.42	200	159244	41.23	nq	94
69) Pentachlorophenol	14.50	266	92553	70.28	nq	96
70) Phenanthrene	14.81	178	897667	43.26	nq	99
71) Anthracene	14.89	178	912614	43.53	nq	99
72) Carbazole	15.18	167	811882	45.41	nq	98
73) Di-n-butylphthalate	15.76	149	937196	40.53	nq #	98
74) Fluoranthene	16.56	202	902819	43.38	nq	97
76) Benzidine	16.80	184	132091	17.81	nq	98
77) Pyrene	16.87	202	921421	44.42	nq	100
79) Butylbenzylphthalate	17.78	149	377321	41.02	nq #	75
80) Benzo(a)anthracene	18.45	228	715701	43.66	nq	99
81) 3,3'-Dichlorobenzidine	18.43	252	114473	12.64	nq	98
82) Chrysene	18.49	228	706056	43.40	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	492222	36.67	nq #	95
84) Di-n-octyl phthalate	19.30	149	718512	35.10	nq #	86
85) Indeno(1,2,3-cd)pyrene	21.35	276	555922	42.63	nq	94
87) Benzo(b)fluoranthene	19.73	252	582545	42.67	nq #	94
88) Benzo(k)fluoranthene	19.75	252	539492m	45.91	nq	
89) Benzo(a)pyrene	20.07	252	537131	45.49	nq	97
90) Dibenzo(a,h)anthracene	21.36	278	463557	46.03	nq #	94
91) Benzo(g,h,i)perylene	21.70	276	467040	47.01	nq #	91

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

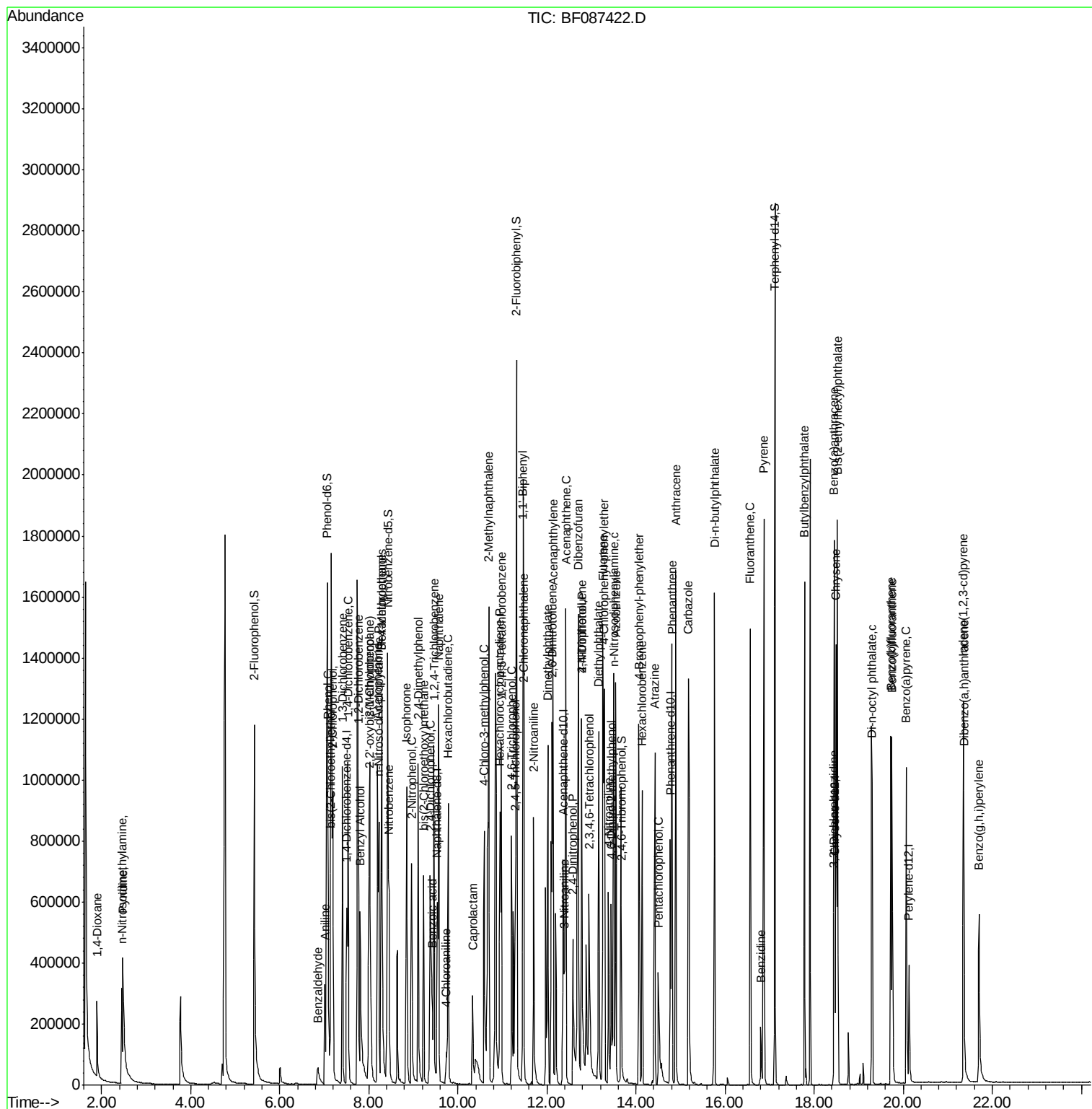
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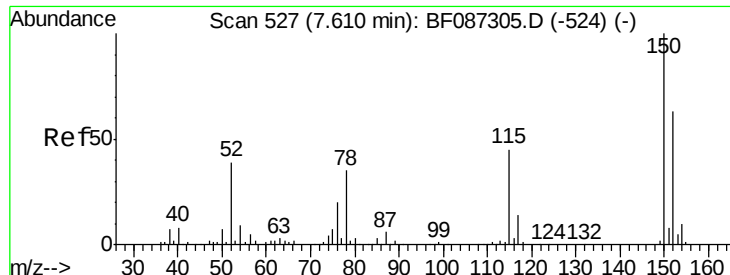
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#1

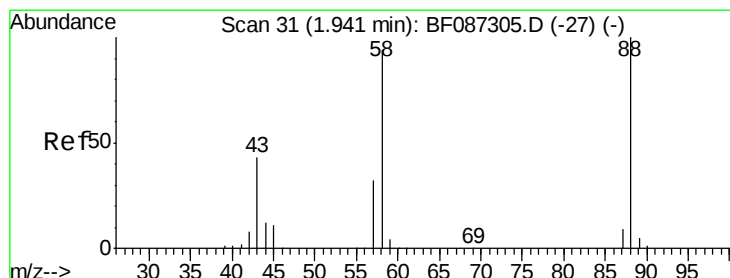
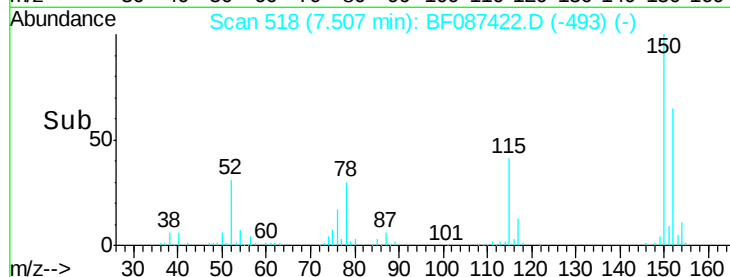
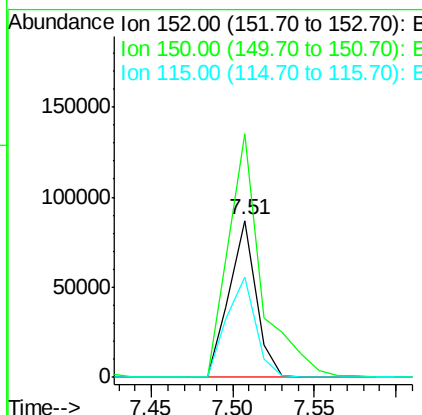
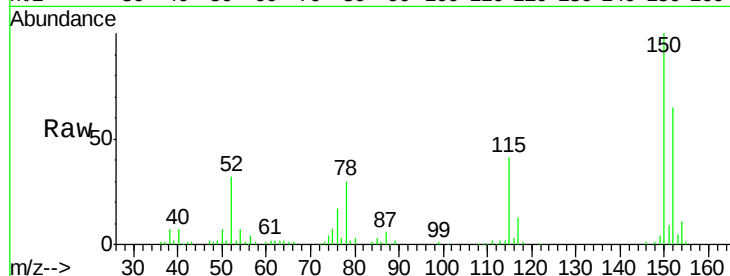
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	64.0	51.5	77.3

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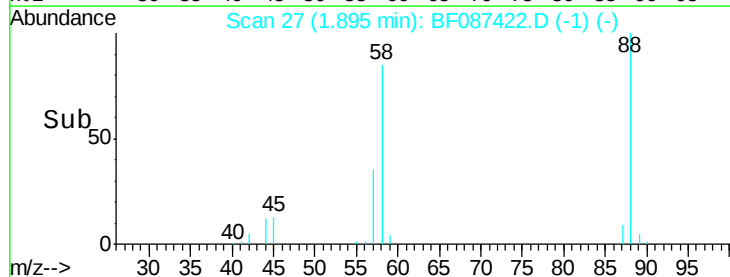
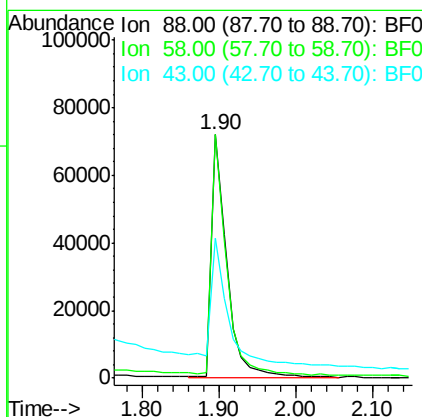
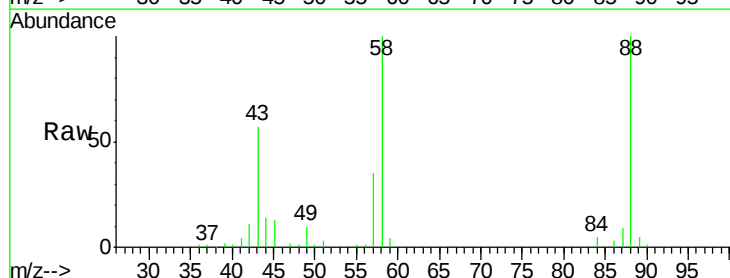
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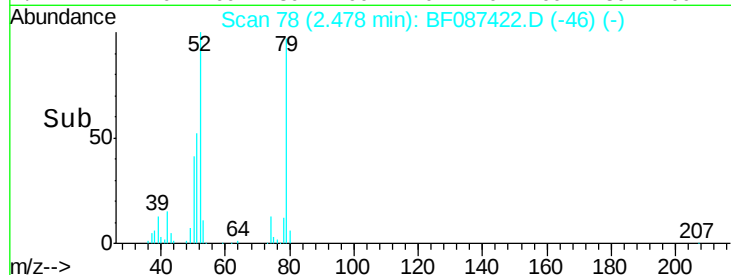
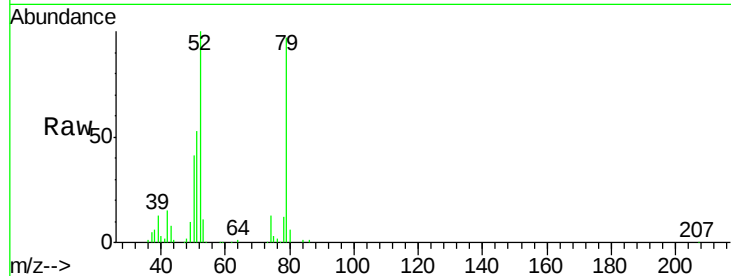


#2

1,4-Dioxane
Concen: 32.76 ng
RT: 1.90 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	59.6	89.4#
43	62.7	21.8	32.6#





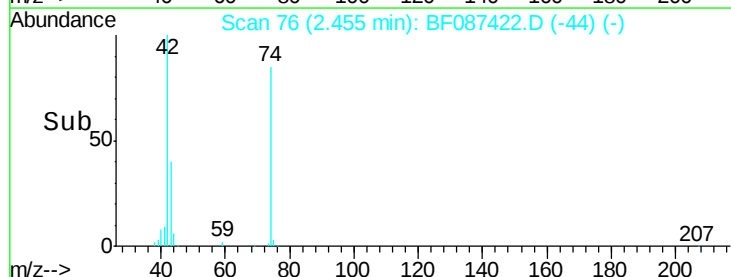
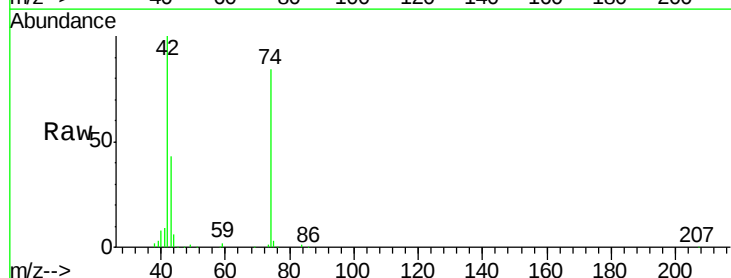
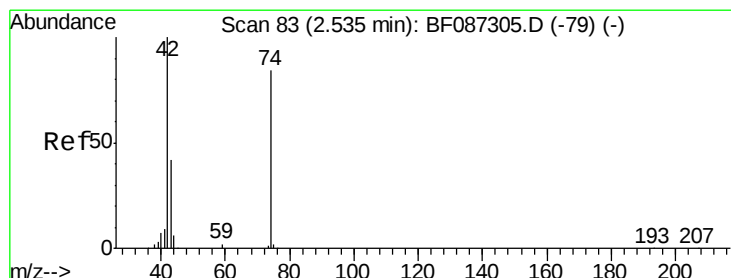
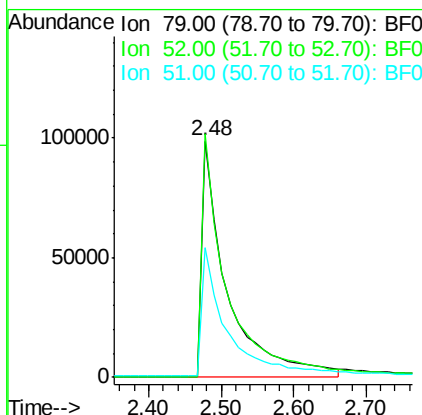
#3
 Pvridine
 Concen: 37.20 ng
 RT: 2.48 min Scan# 78
 Delta R.T. 0.07 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100	244002		
52	103.1	55.9	83.9#	
51	55.0	28.1	42.1#	

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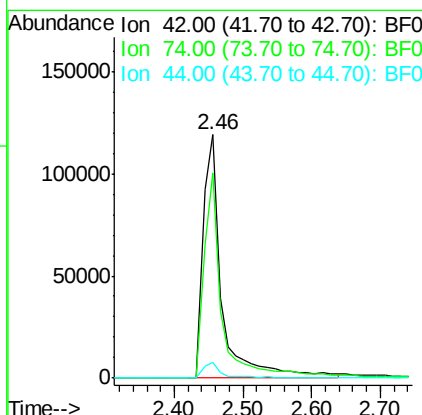
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#4
 n-Nitrosodimethylamine
 Concen: 44.74 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	226141		
74	84.4	123.4	185.0#	
44	6.3	5.8	8.6	





#5

2-Fluorophenol

Concen: 87.76 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

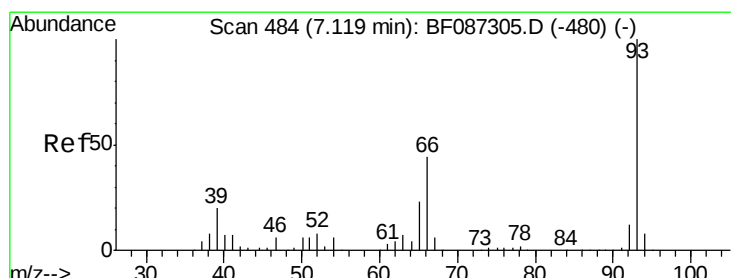
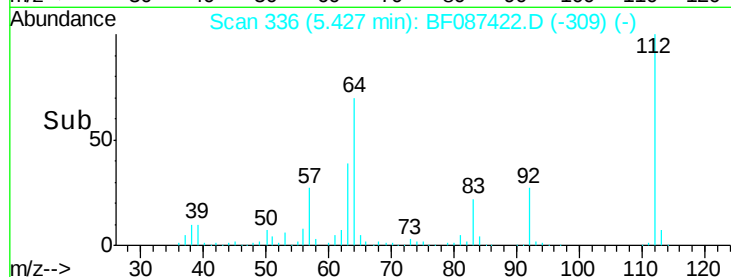
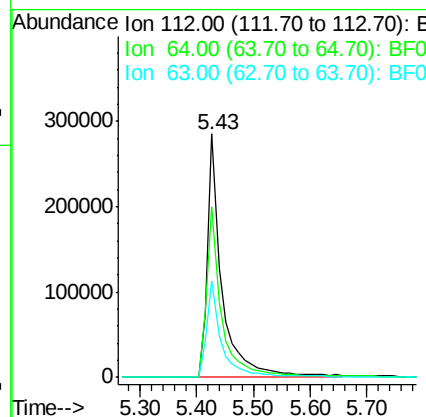
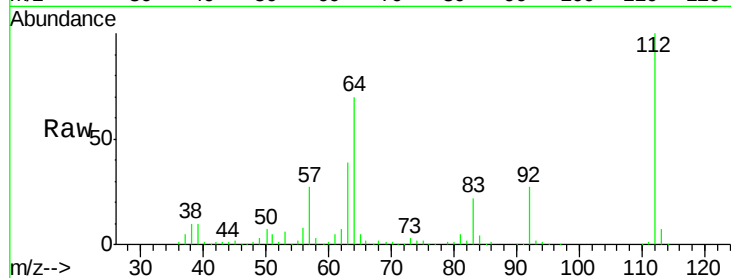
ClientSampleId :

PB90911BS

Tot Ion:	112	Resp:	499092
Ion Ratio	Lower	Upper	
112	100		
64	69.9	52.1	78.1
63	39.4	25.7	38.5#

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#6

Aniline

Concen: 24.17 ng

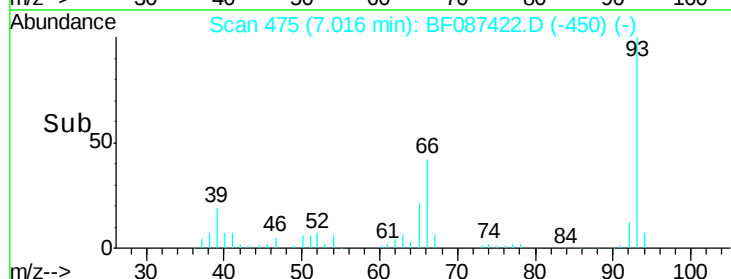
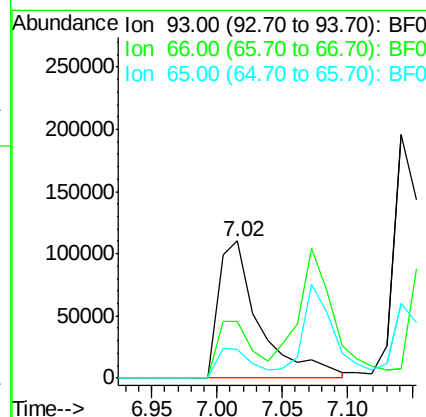
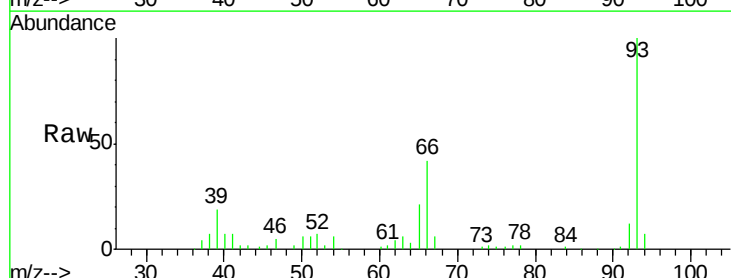
RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	93	Resp:	240269
Ion Ratio	Lower	Upper	
93	100		
66	41.7	39.0	58.6
65	21.2	20.6	31.0





#7

Phenol-d6

Concen: 82.96 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

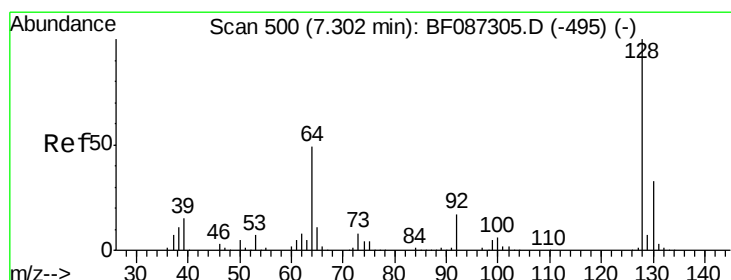
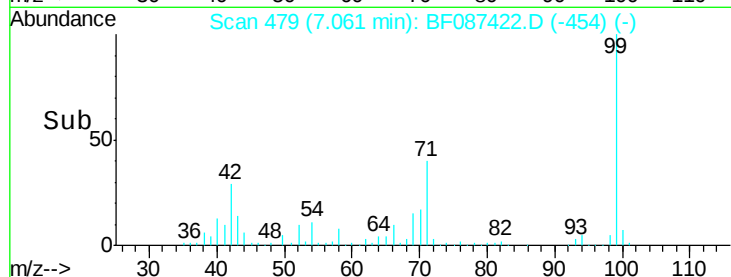
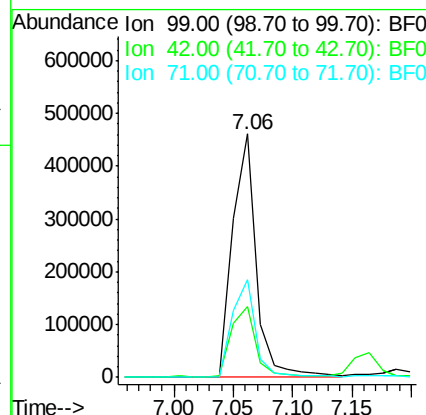
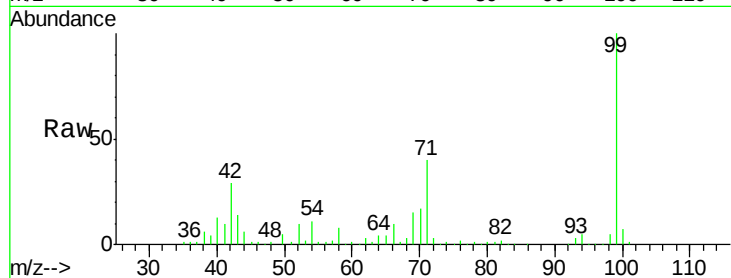
ClientSampleId :

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Tot Ion:	99	Resp:	637491
Ion Ratio	Lower	Upper	
99	100		
42	29.2	13.6	20.4#
71	40.2	24.6	36.8#

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#8

2-Chlorophenol

Concen: 41.88 ng

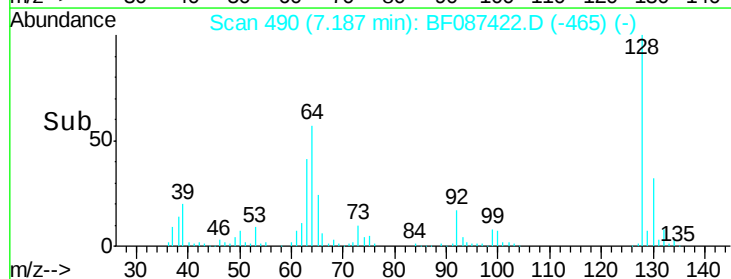
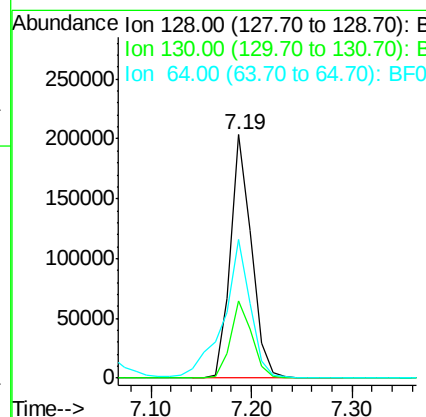
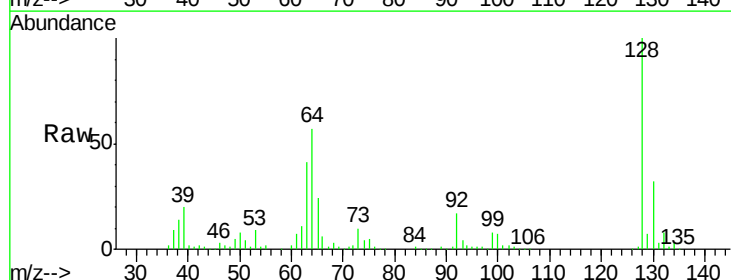
RT: 7.19 min Scan# 490

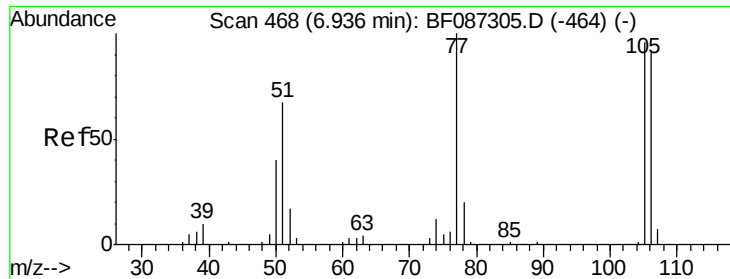
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	128	Resp:	297038
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.5	52.5
64	57.1	27.3	67.3





#9

Benzaldehyde

Concen: 8.31 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

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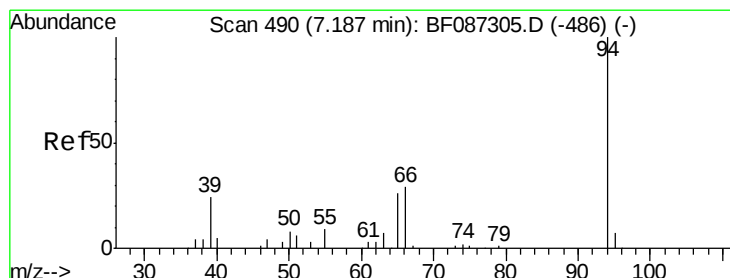
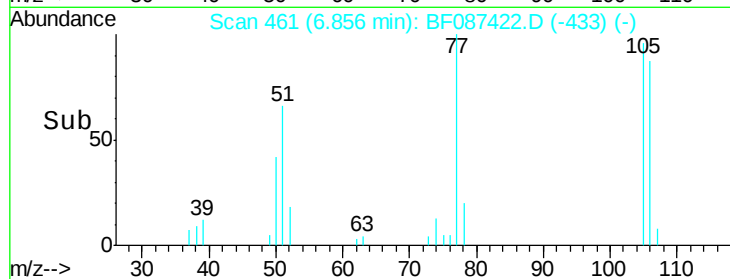
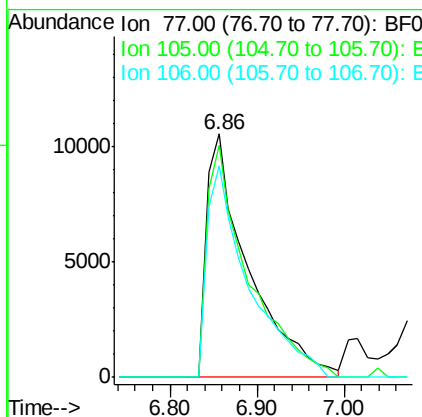
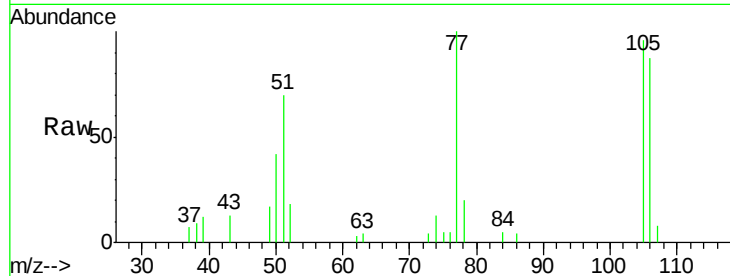
ClientSampled :

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Tot Ion:	77	Resp:	35273
Ion	Ratio	Lower	Upper
77	100		
105	95.5	72.7	112.7
106	86.9	70.8	110.8



#10

Phenol

Concen: 44.43 ng

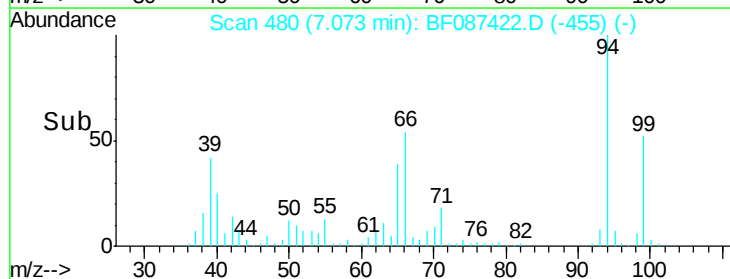
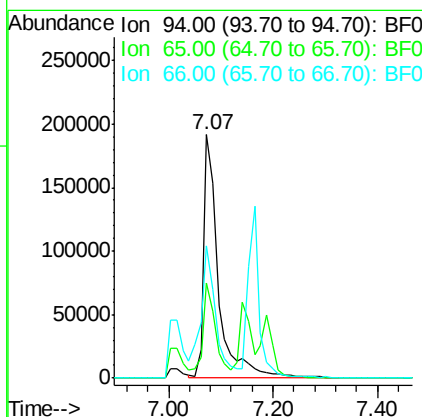
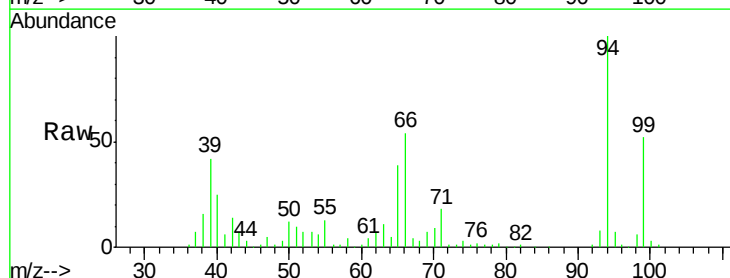
RT: 7.07 min Scan# 480

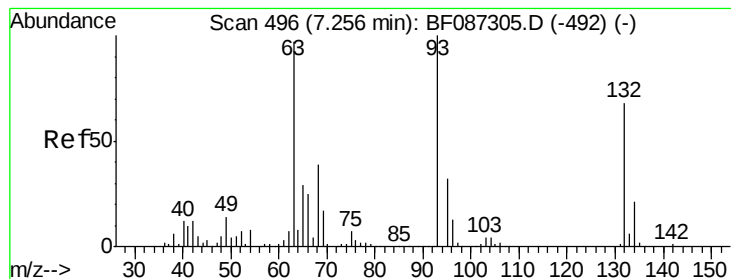
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	94	Resp:	372823
Ion	Ratio	Lower	Upper
94	100		
65	39.2	7.2	47.2
66	54.2	14.9	54.9





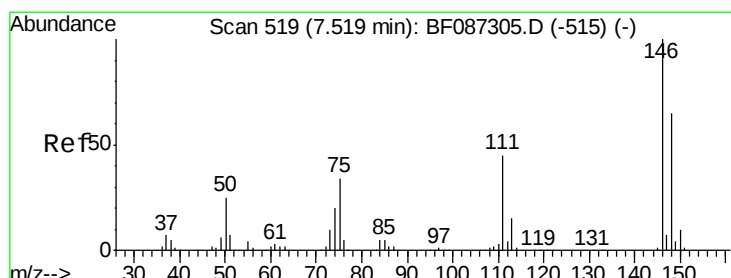
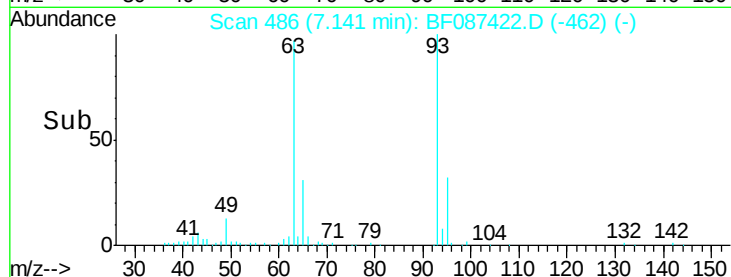
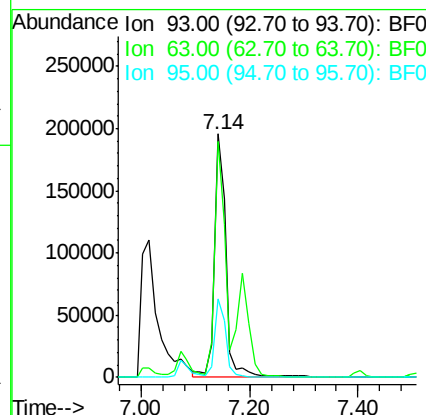
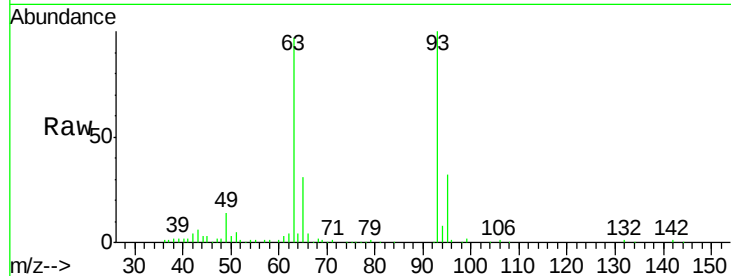
#11
bis(2-Chloroethyl)ether
Concen: 42.47 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	288435		
63	97.0	58.0	98.0	
95	32.3	11.9	51.9	

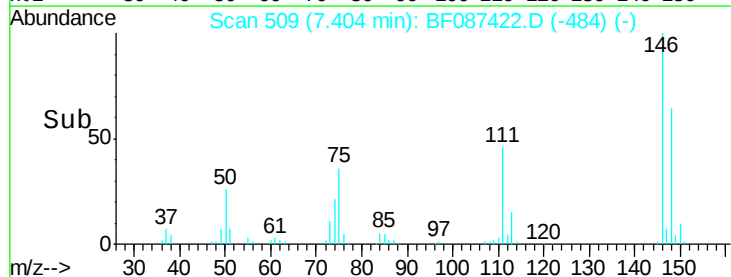
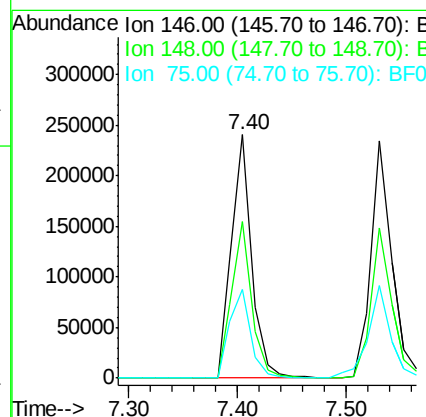
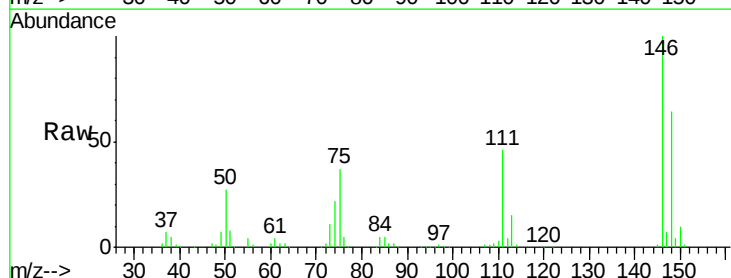
Manual Integrations
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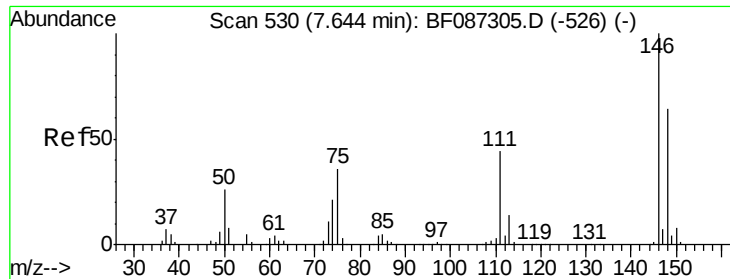
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#12
1,3-Dichlorobenzene
Concen: 39.91 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	308696		
148	64.4	52.4	78.6	
75	36.5	22.8	34.2	





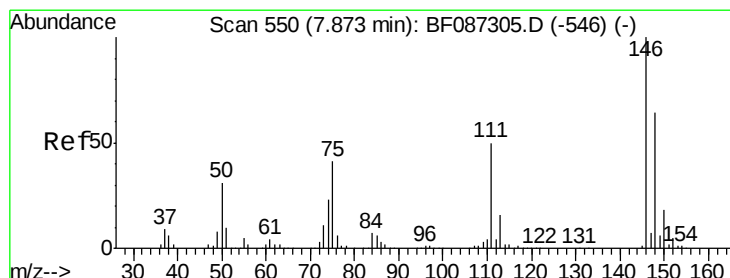
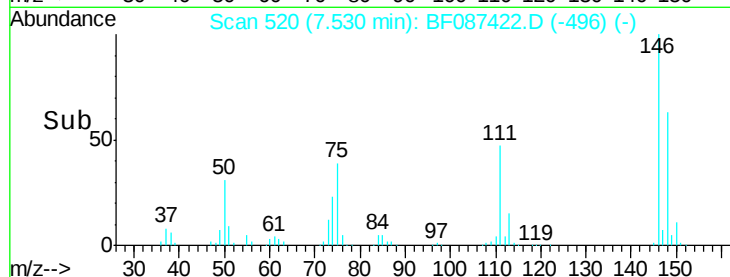
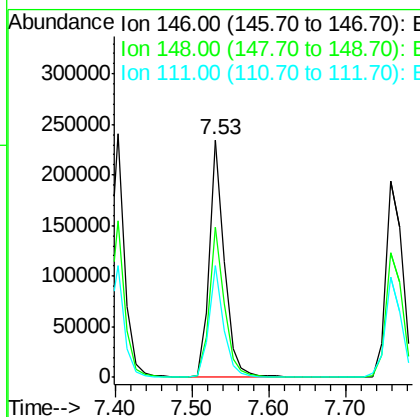
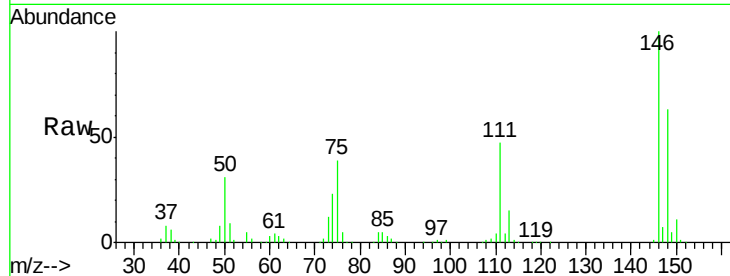
#13
 1,4-Dichlorobenzene
 Concen: 39.90 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	47.0	30.7	46.1

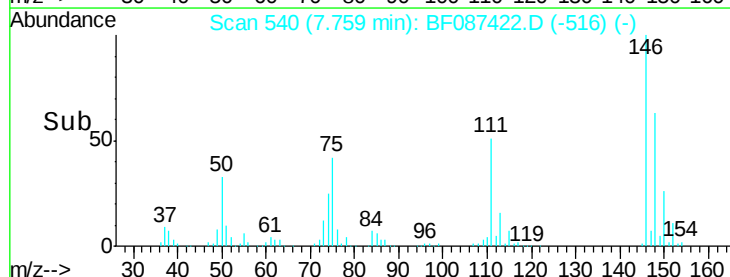
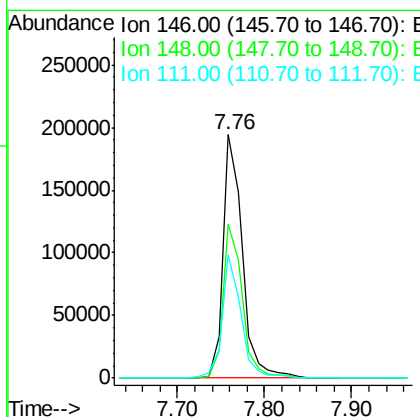
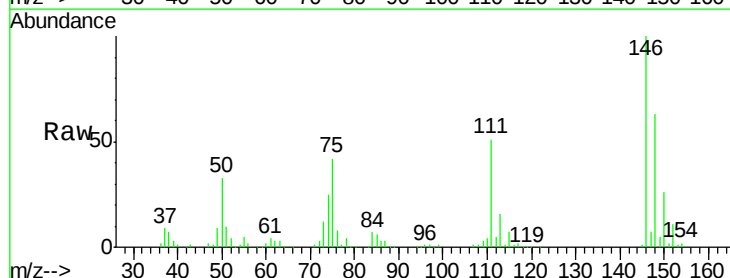
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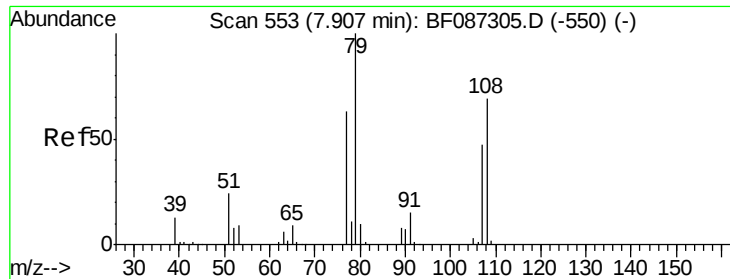
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#14
 1,2-Dichlorobenzene
 Concen: 40.81 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	50.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 44.12 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampleId :

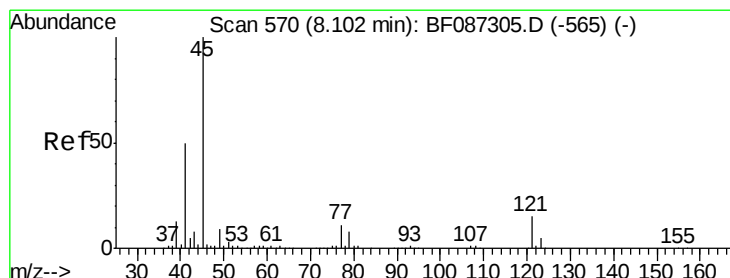
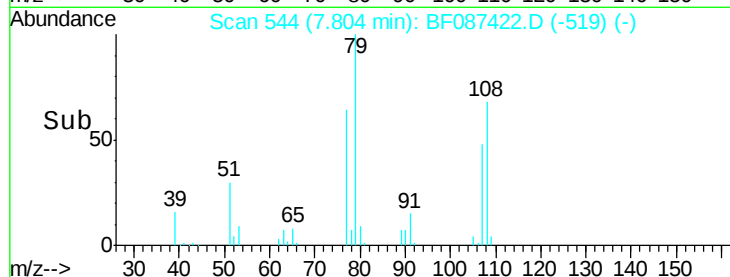
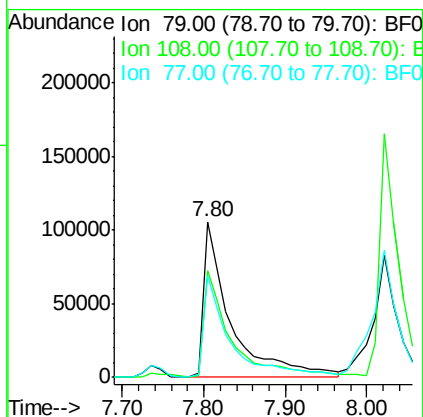
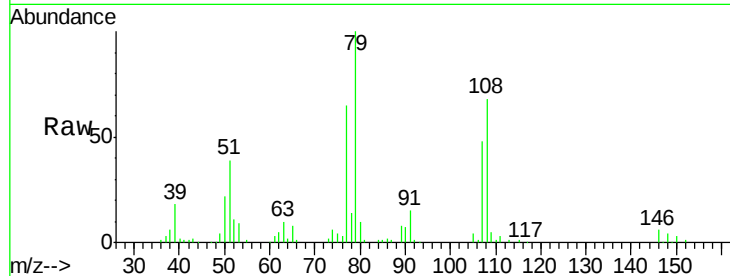
PB90911BS

Tot Ion: 79 Resp: 247178
Ion Ratio Lower Upper

79	100		
108	68.4	68.4	102.6#
77	65.4	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.07 ng

RT: 8.01 min Scan# 562

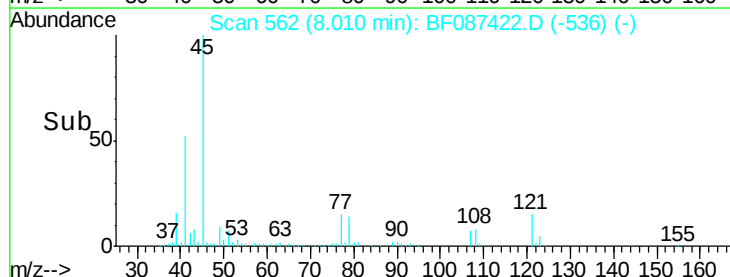
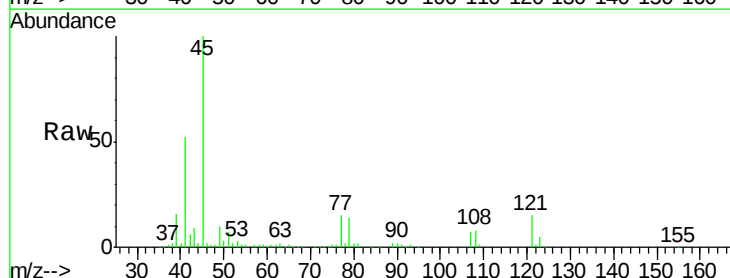
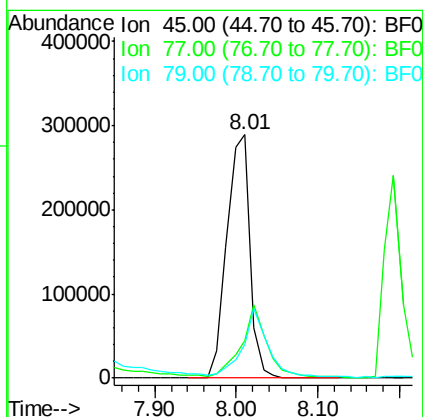
Delta R.T. -0.00 min

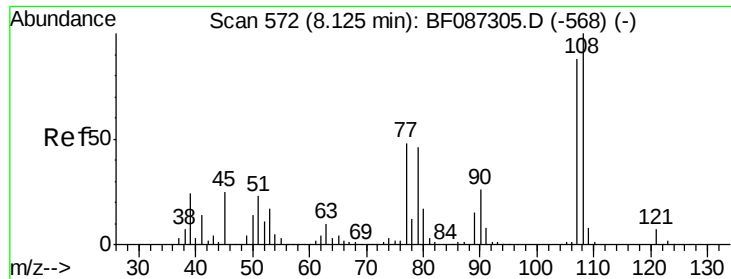
Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion: 45 Resp: 566484
Ion Ratio Lower Upper

45	100		
77	15.5	0.0	36.4
79	13.8	0.0	33.4





#17

2-Methylphenol

Concen: 42.14 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

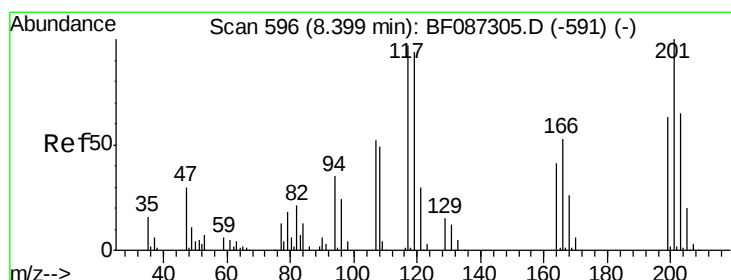
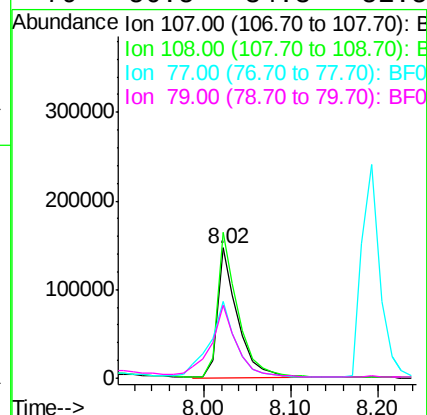
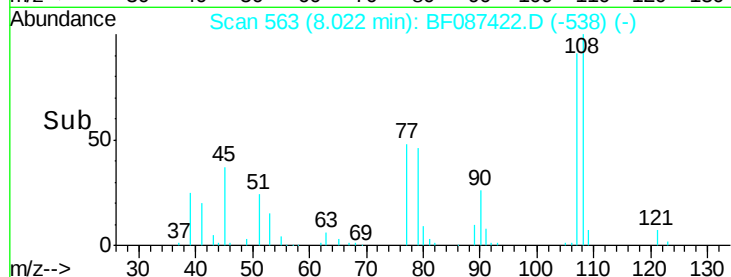
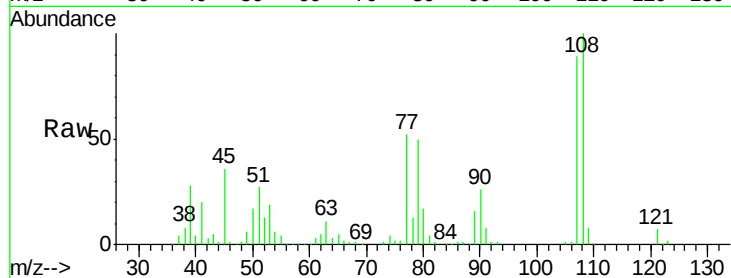
ClientSampleId :

PB90911BS

Tot Ion:	107	Resp:	239474
Ion Ratio	Lower	Upper	
107	100		
108	112.4	93.7	140.5
77	58.9	33.4	50.0#
79	56.5	34.3	51.5#

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#18

Hexachloroethane

Concen: 40.35 ng

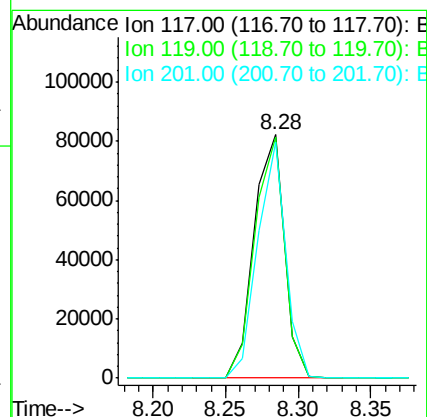
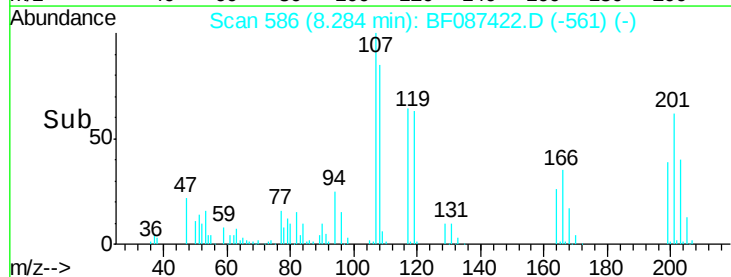
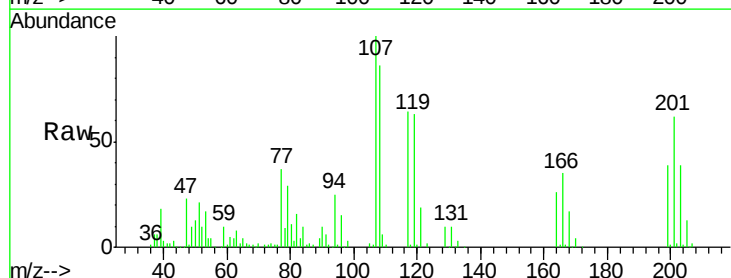
RT: 8.28 min Scan# 586

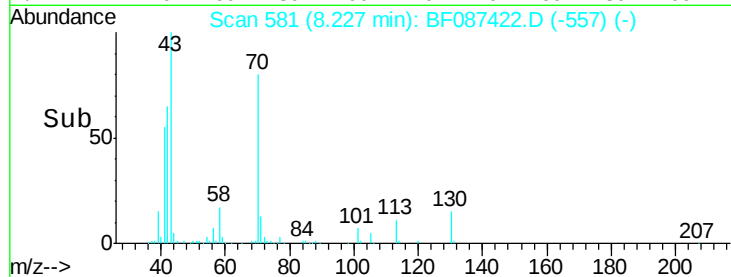
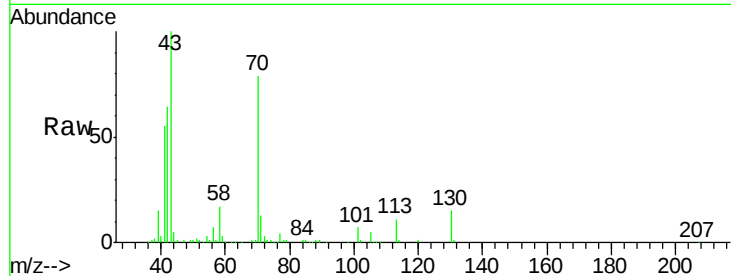
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	117	Resp:	119522
Ion Ratio	Lower	Upper	
117	100		
119	98.8	76.5	114.7
201	97.0	63.0	94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 41.89 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

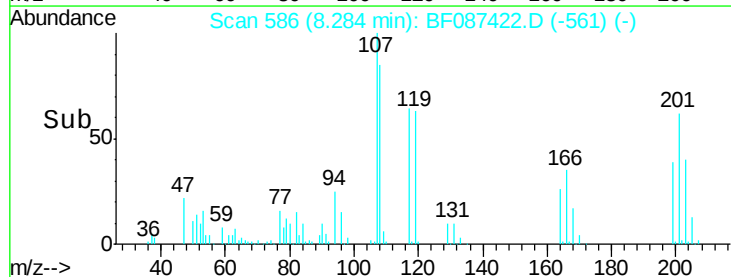
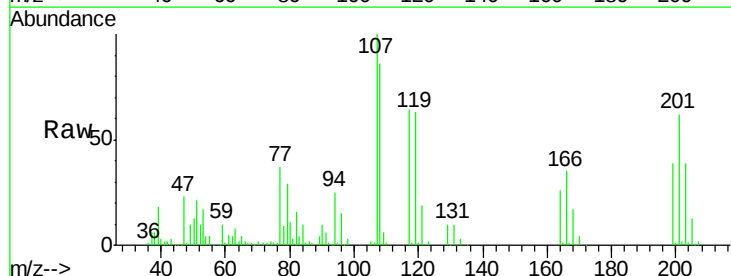
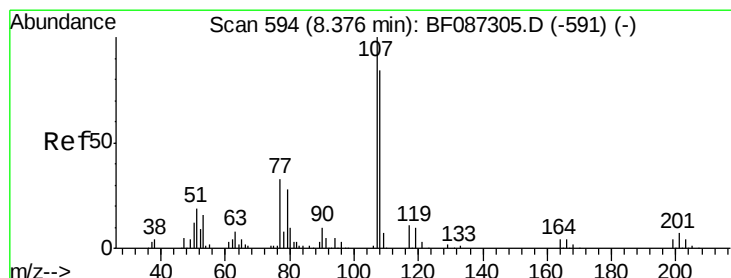
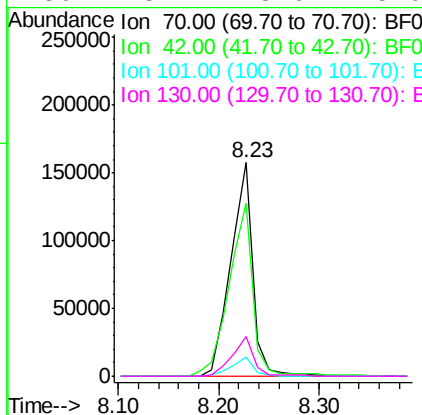
ClientSampleId :

PB90911BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.1	43.1	64.7#
101	9.0	8.1	12.1
130	18.4	18.6	28.0#

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#20

3+4-Methylphenols

Concen: 44.31 ng

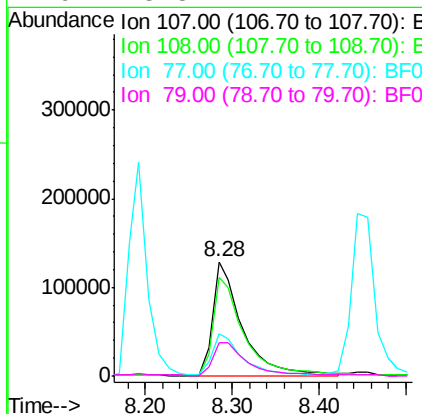
RT: 8.28 min Scan# 586

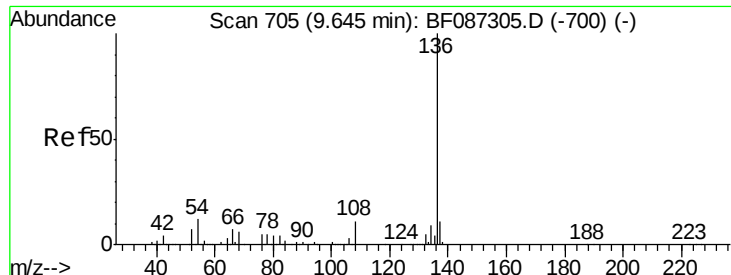
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.5	108.5
77	37.3	101.6	141.6#
79	28.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

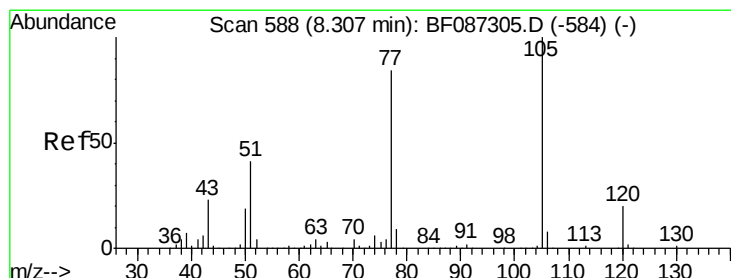
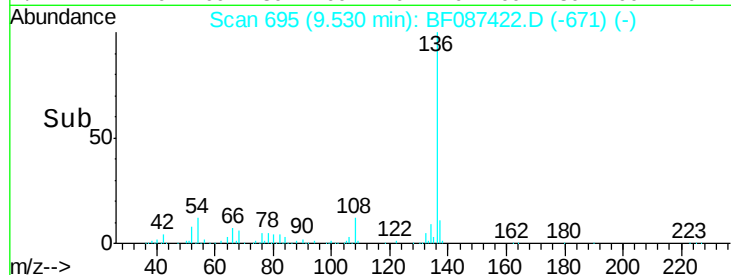
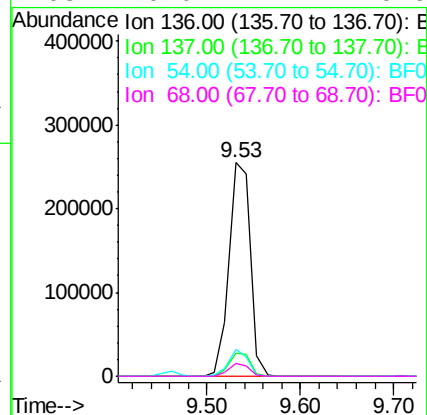
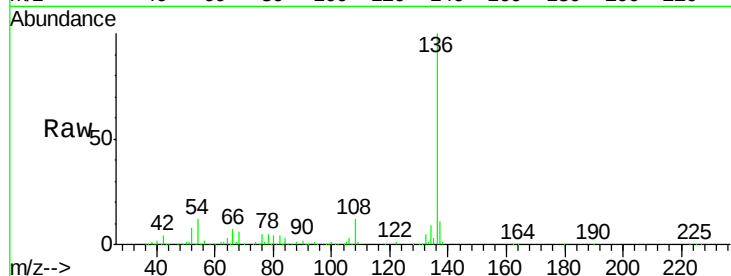
ClientSampleId :

PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	406715		
137	10.7	8.8	13.2	
54	12.4	5.0	7.4	
68	6.0	4.4	6.6	

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#22

Acetophenone

Concen: 44.36 ng

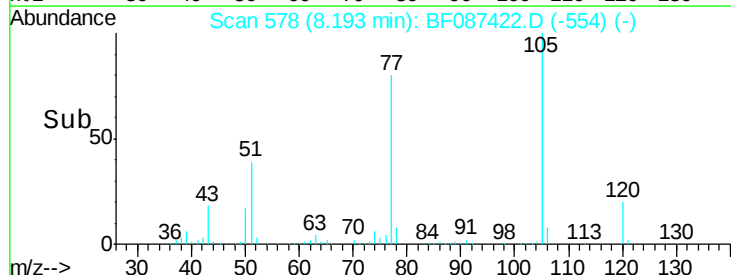
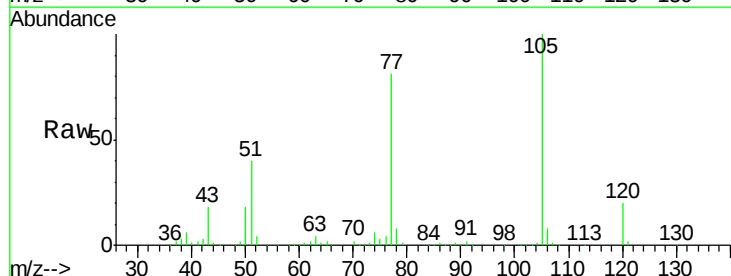
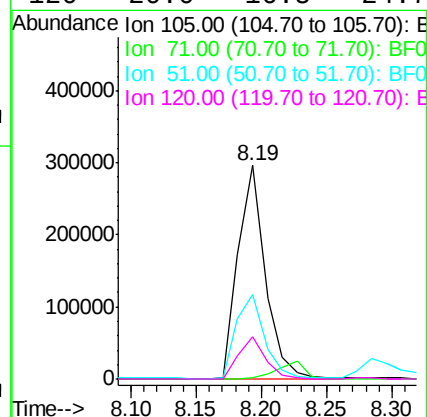
RT: 8.19 min Scan# 578

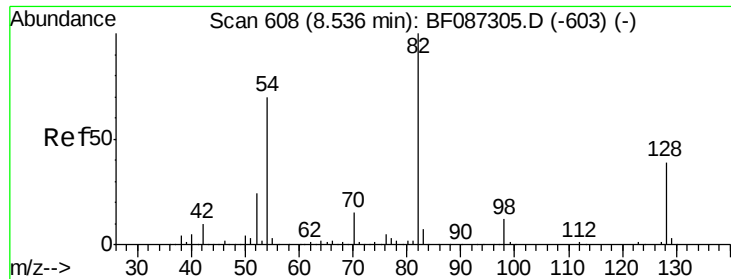
Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	431011		
71	0.3	4.8	7.2	
51	39.5	32.6	49.0	
120	20.0	16.5	24.7	





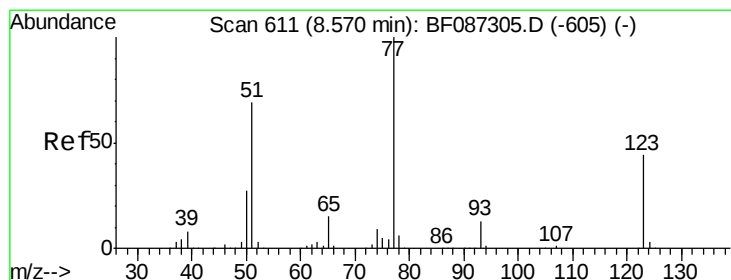
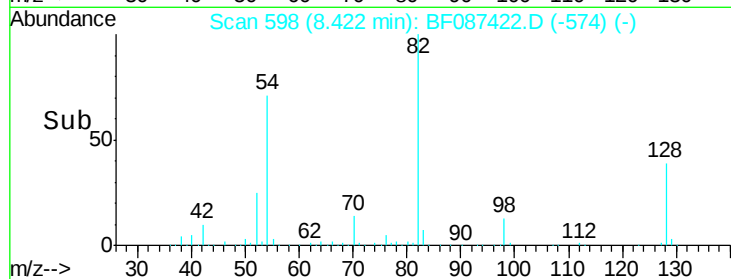
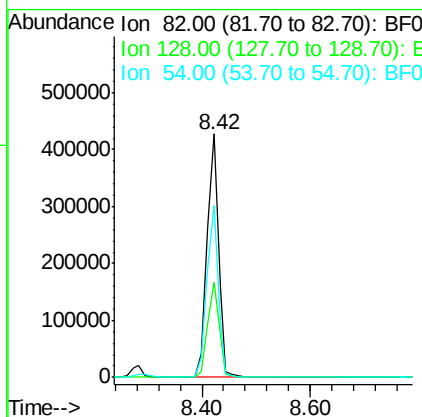
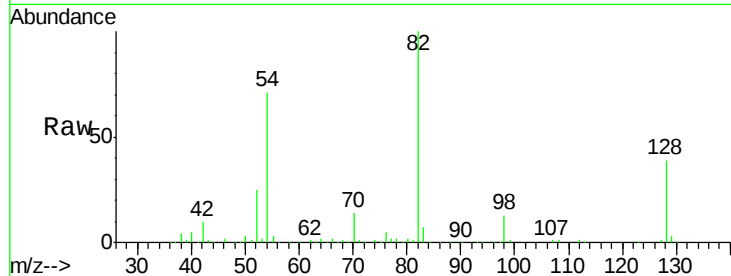
#23
Nitrobenzene-d5
Concen: 78.04 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	629745		
128	39.2	40.6	61.0#	
54	70.6	38.1	57.1#	

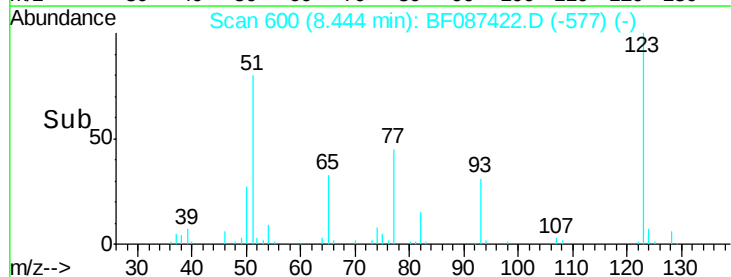
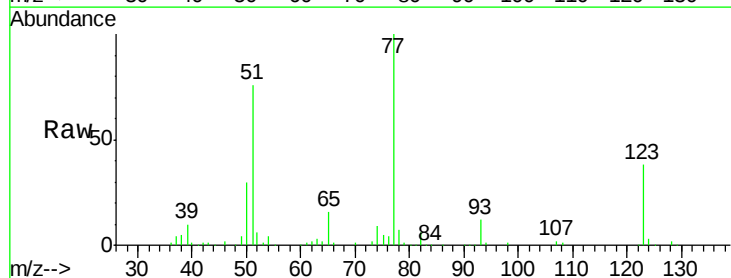
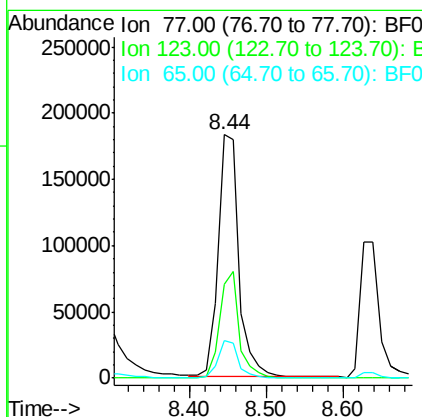
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#24
Nitrobenzene
Concen: 40.86 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	348101		
123	38.4	33.0	49.4	
65	15.6	10.8	16.2	





#25

Isophorone

Concen: 40.34 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

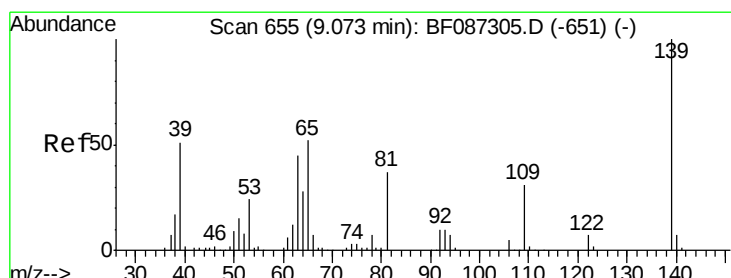
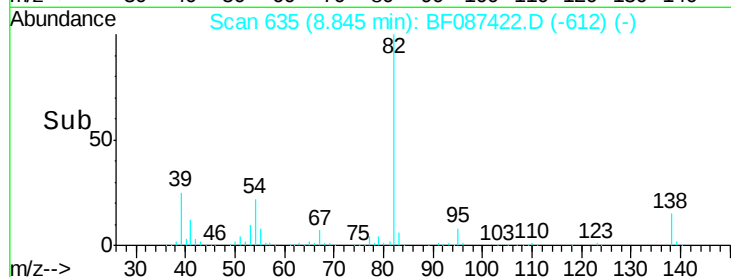
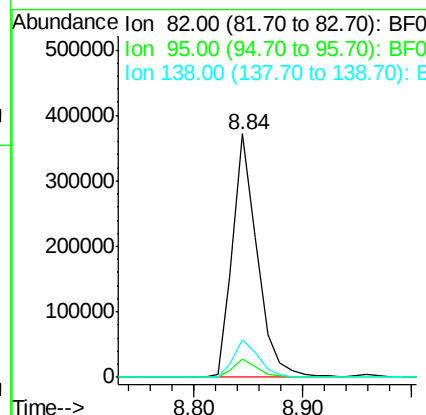
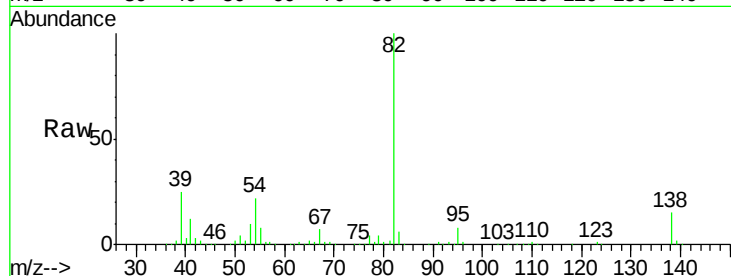
ClientSampleId :

PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	583804		
95	7.7	5.1	7.7#	
138	15.3	12.4	18.6	

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#26

2-Nitrophenol

Concen: 43.03 ng

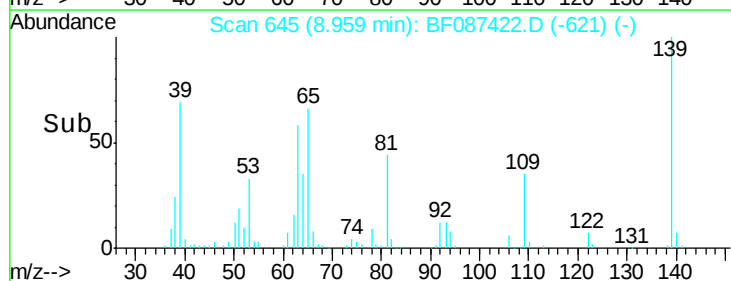
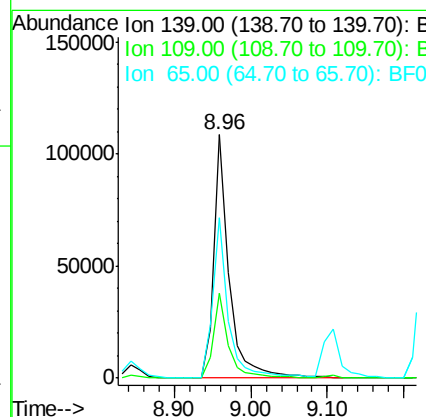
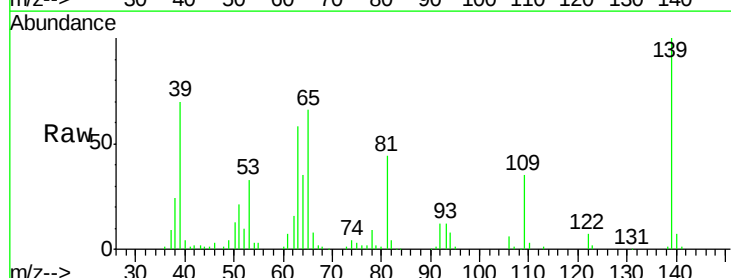
RT: 8.96 min Scan# 645

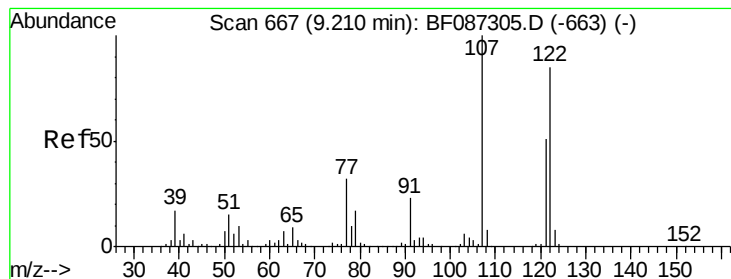
Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149838		
109	34.8	19.5	29.3#	
65	66.0	37.5	56.3#	





#27

2,4-Dimethylphenol

Concen: 44.12 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

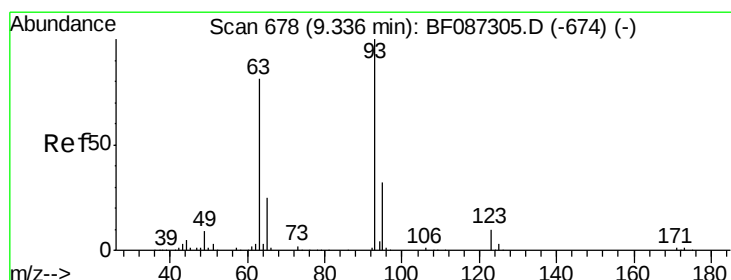
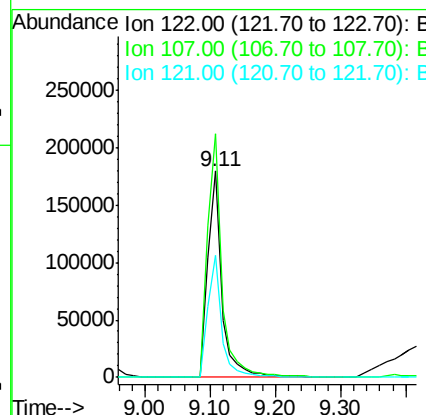
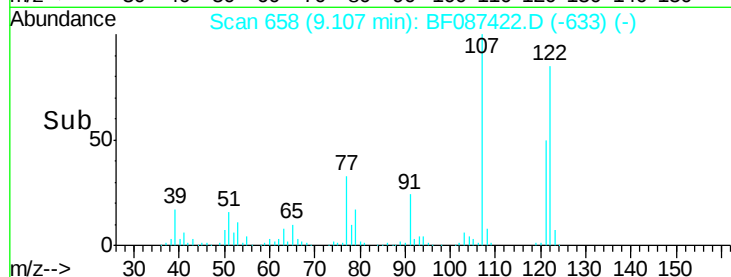
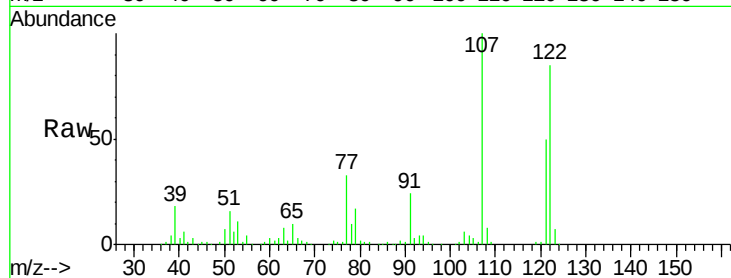
ClientSampleId :

PB90911BS

Tot Ion:	122	Resp:	266663
Ion Ratio	Lower	Upper	
122	100		
107	118.2	82.0	123.0
121	59.2	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 43.46 ng

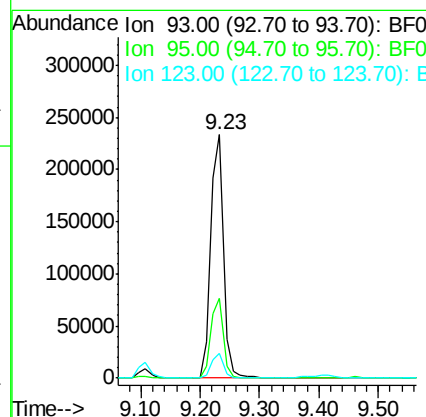
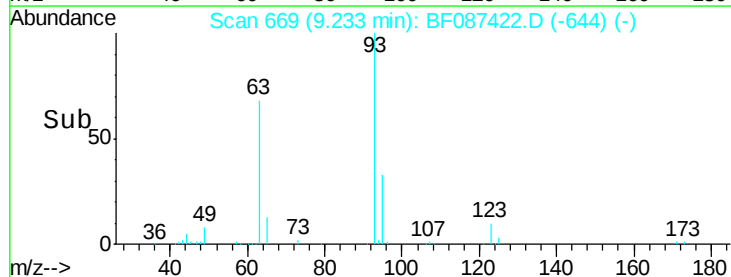
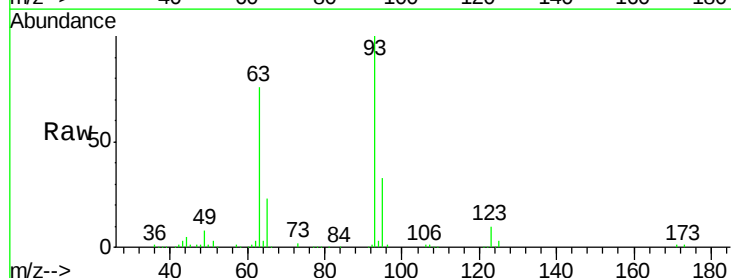
RT: 9.23 min Scan# 669

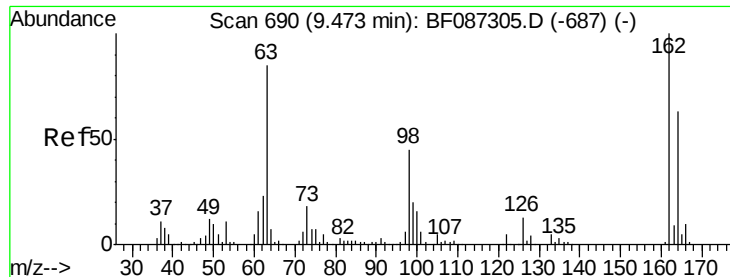
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	93	Resp:	354279
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	10.2	9.5	14.3





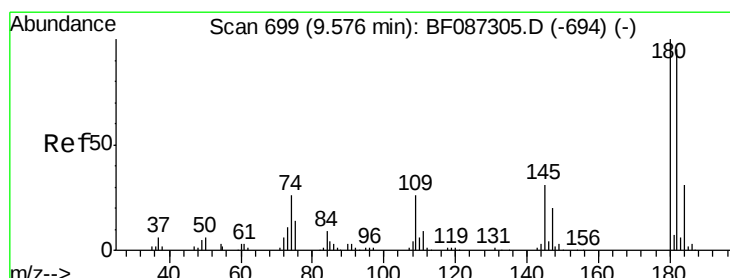
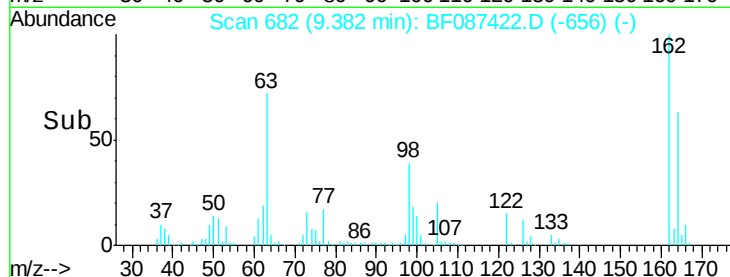
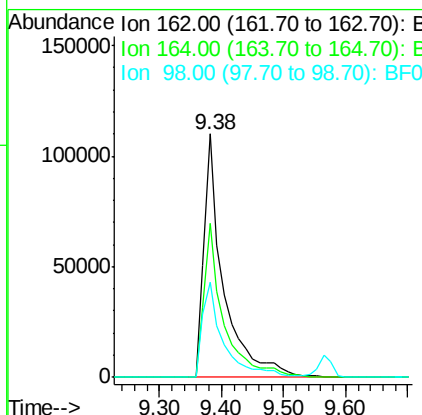
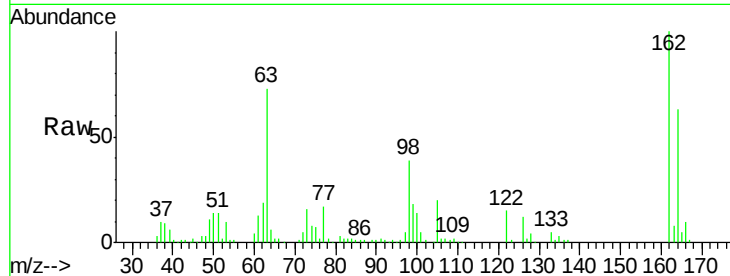
#29
 2,4-Dichlorophenol
 Concen: 44.22 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion:	162	Resp:	240880
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.2	82.2
98	39.0	19.0	59.0

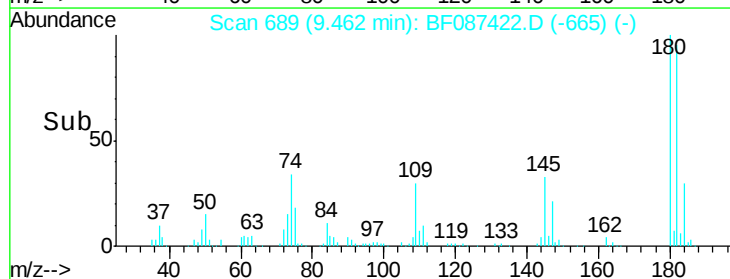
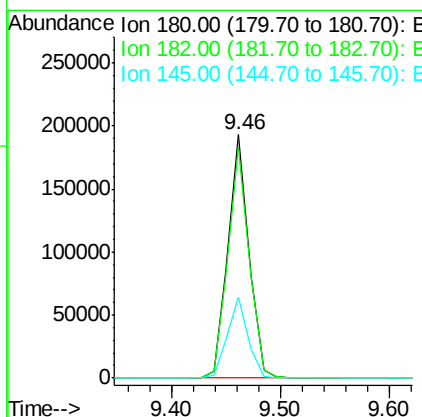
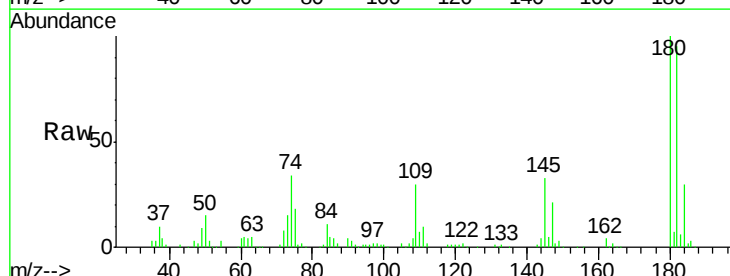
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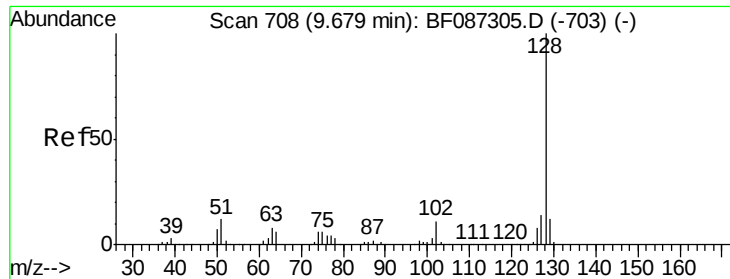
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.99 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion:	180	Resp:	255611
Ion Ratio	Lower	Upper	
180	100		
182	94.8	78.0	117.0
145	33.2	24.2	36.2





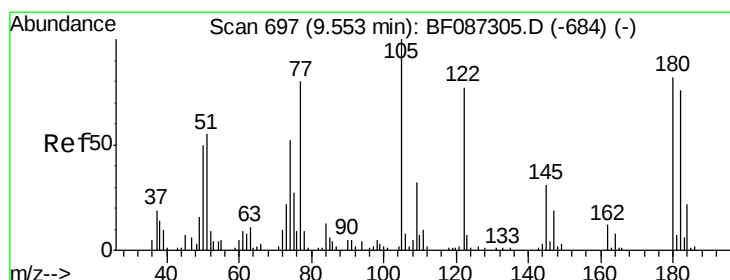
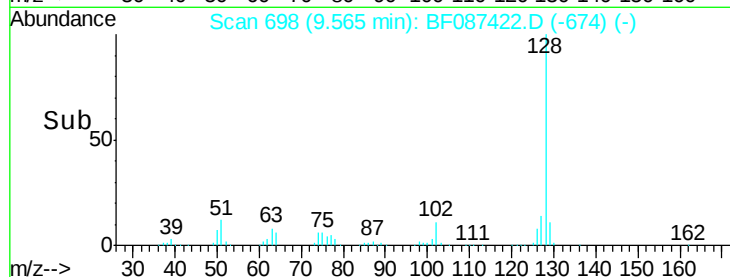
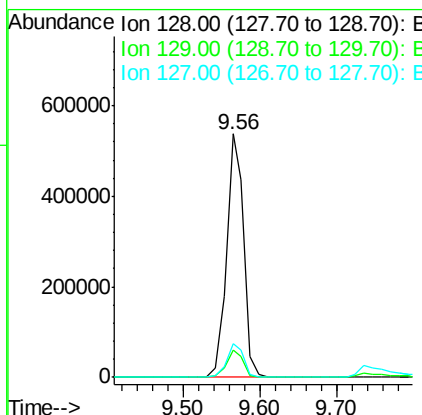
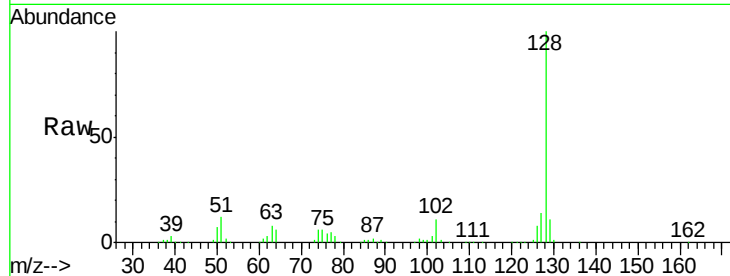
#31
Naphthalene
Concen: 41.44 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.6	13.0	
127	13.7	10.8	16.2	

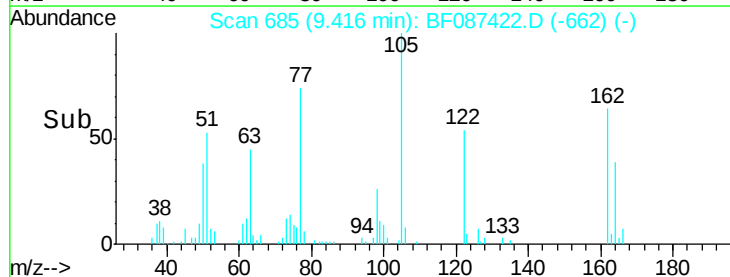
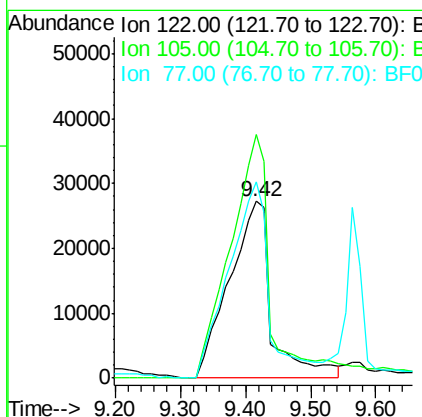
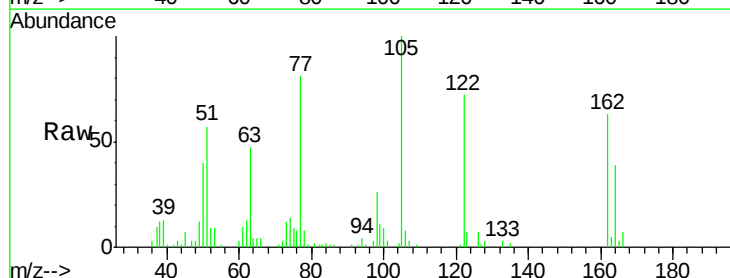
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#32
Benzoic acid
Concen: 40.49 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	138.0	92.6	132.6#	
77	111.2	60.0	100.0#	





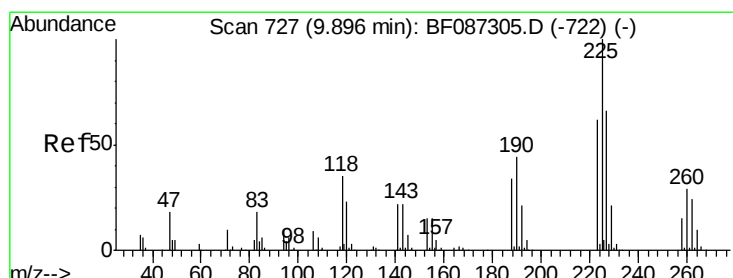
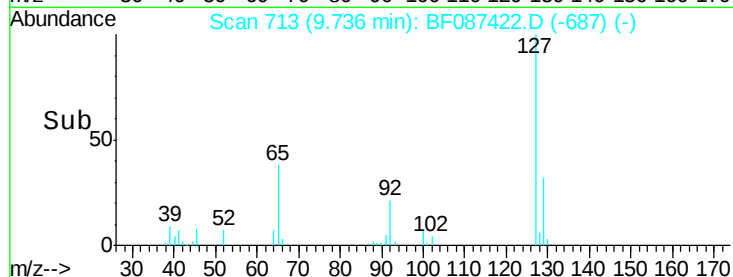
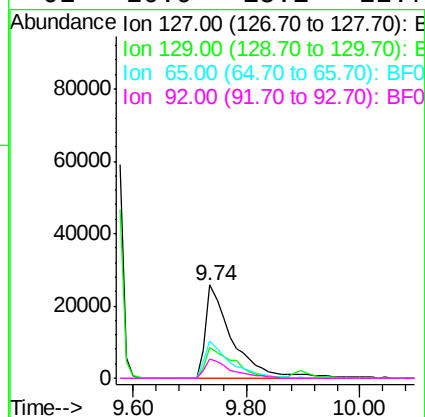
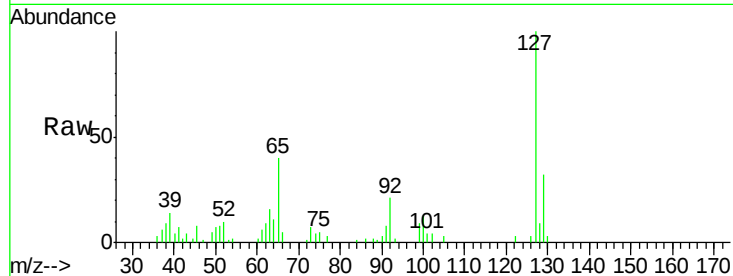
#33
4-Chloroaniline
Concen: 11.02 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
PB90911BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		82749		
129	32.4	26.2	39.4		
65	40.2	23.0	34.4		
92	20.9	15.1	22.7		

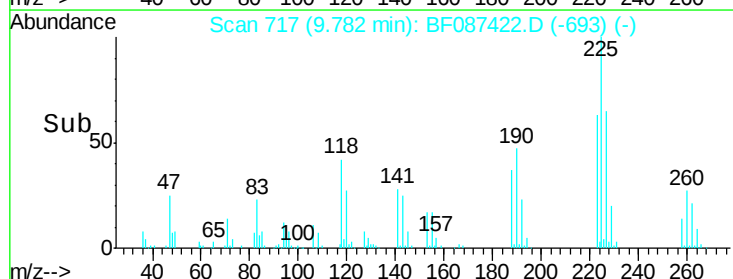
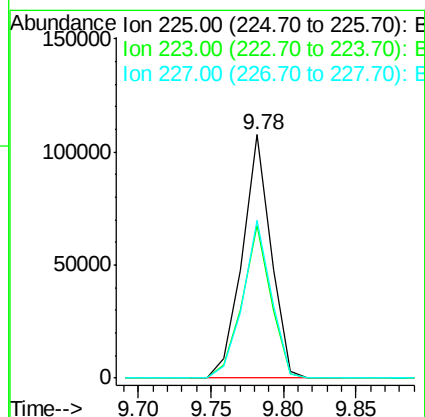
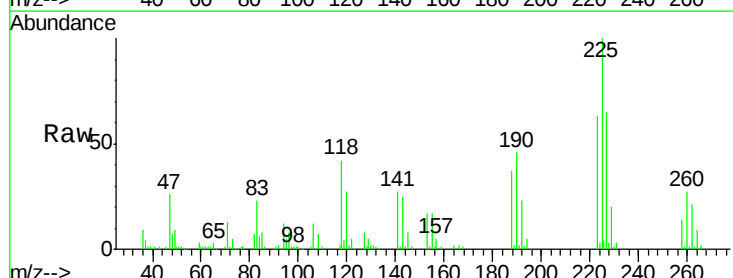
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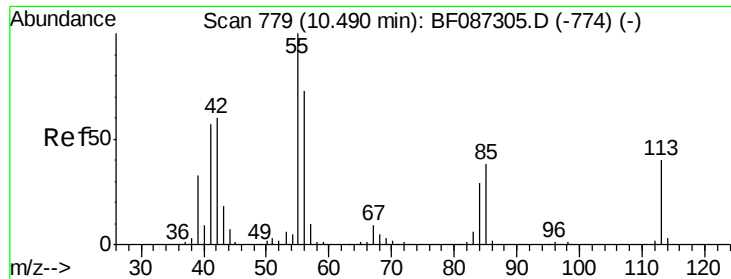
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#34
Hexachlorobutadiene
Concen: 38.92 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		147519		
223	62.7	51.5	77.3		
227	64.7	52.2	78.2		





#35

Caprolactam

Concen: 46.74 ng/ml

RT: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

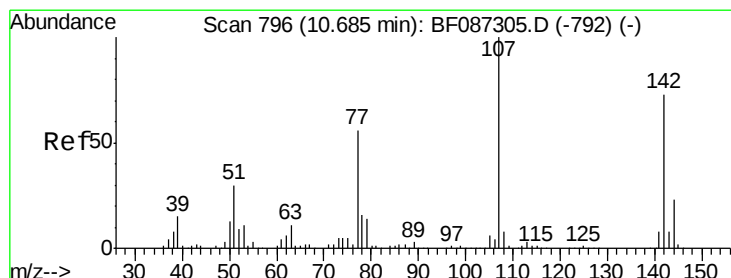
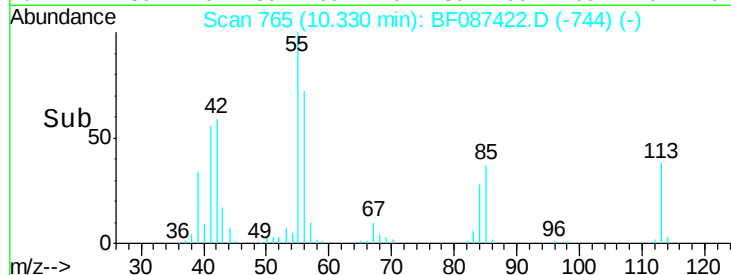
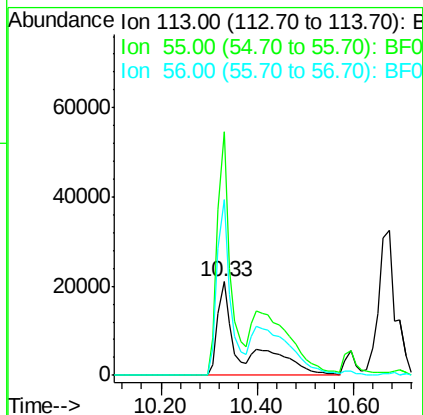
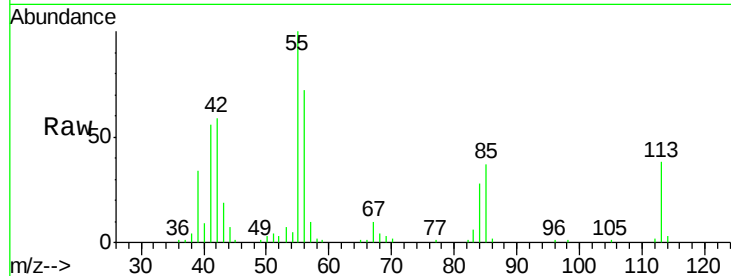
ClientSampleId :

PB90911BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	260.9	162.0	202.0#
56	188.4	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 45.78 ng/ml

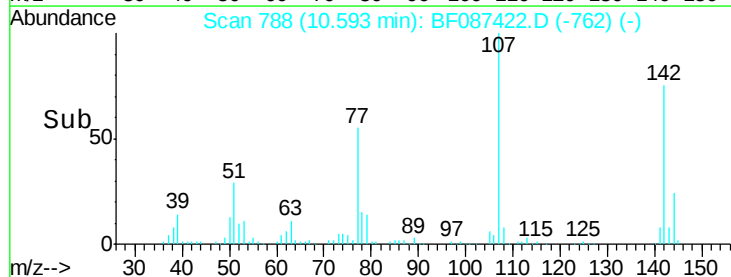
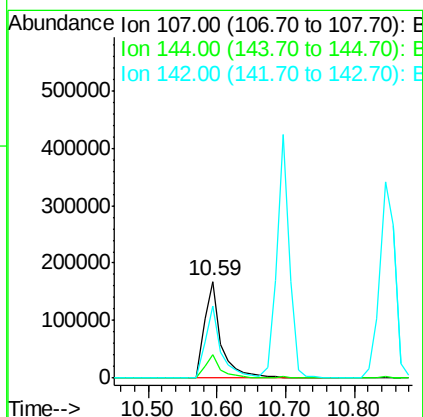
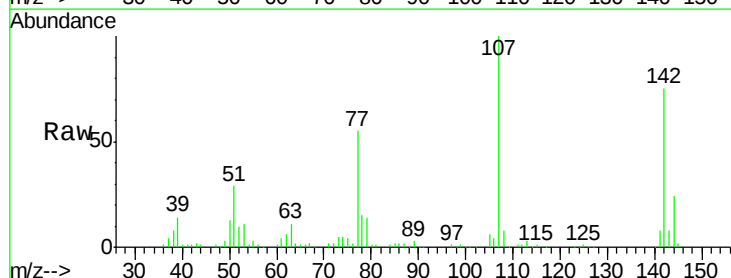
RT: 10.59 min Scan# 788

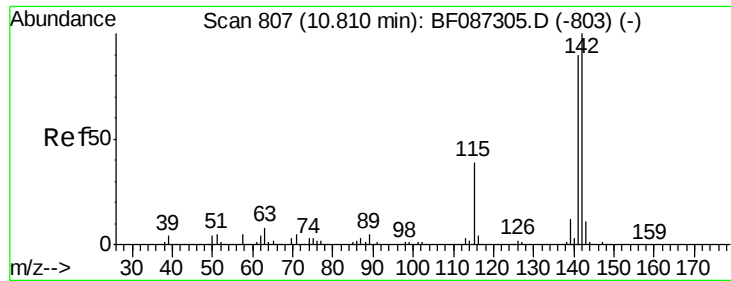
Delta R.T. -0.00 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.7	31.1
142	75.1	63.2	94.8





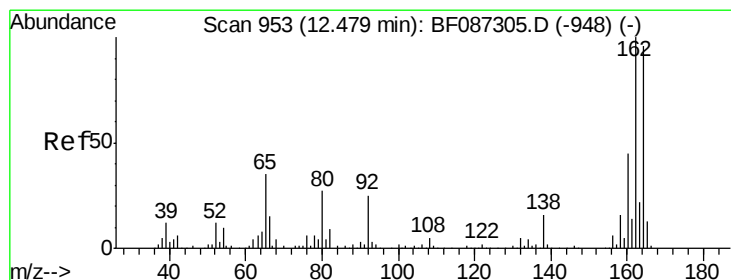
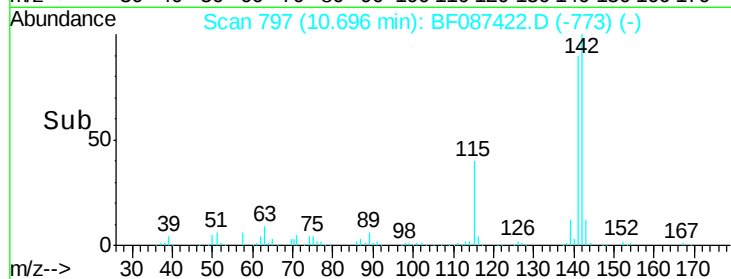
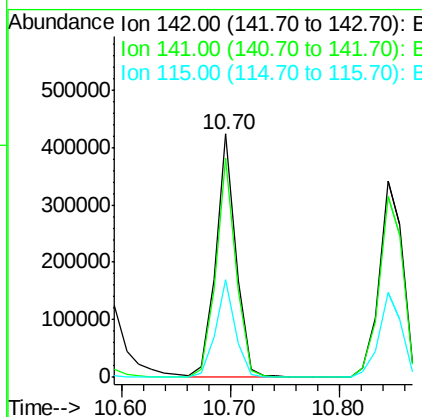
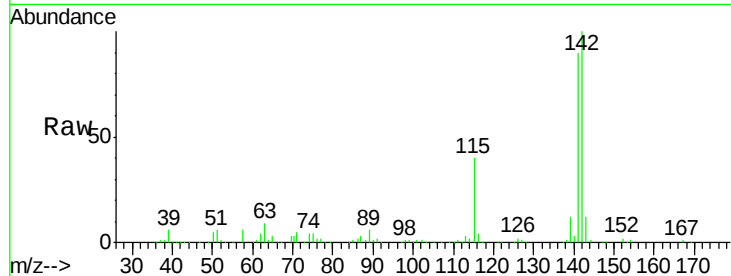
#37
2-Methylnaphthalene
Concen: 43.17 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
PB90911BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	40.2	26.6	39.8

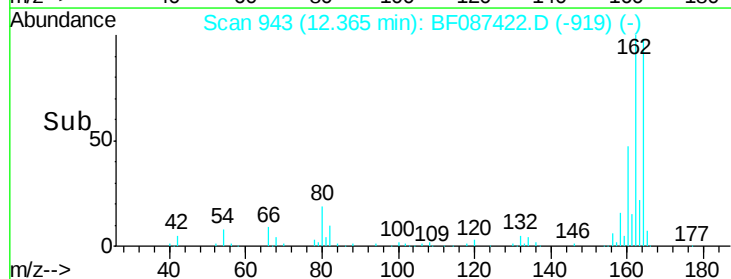
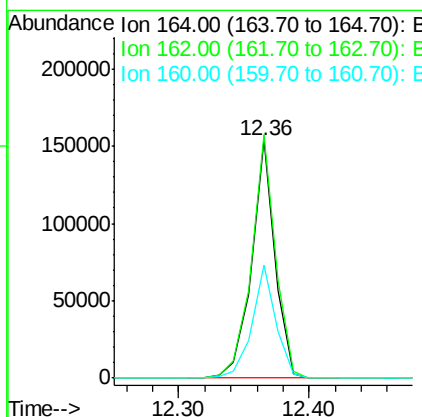
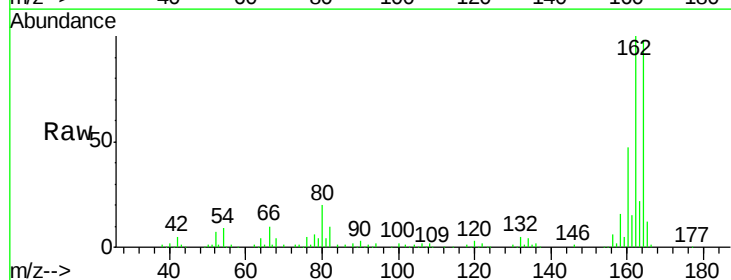
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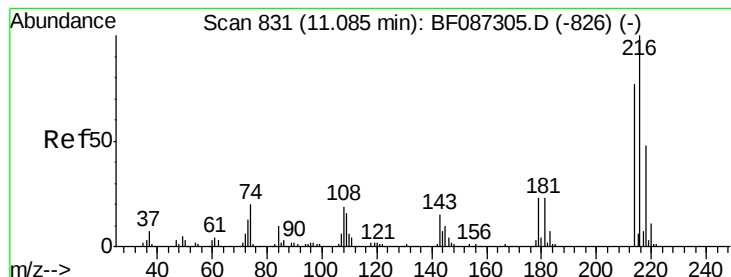
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	47.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.68 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

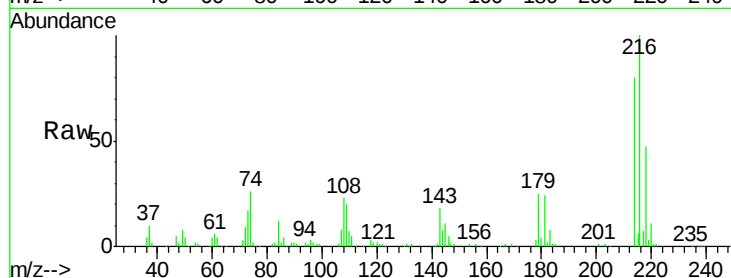
ClientSampleId :

PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	237775		
214	79.3	62.6	93.8	
179	24.1	18.2	27.4	
108	24.7	17.5	26.3	

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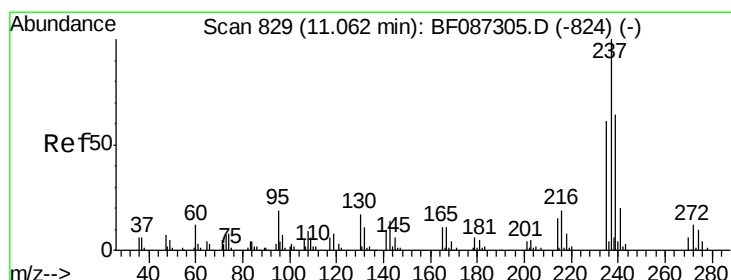
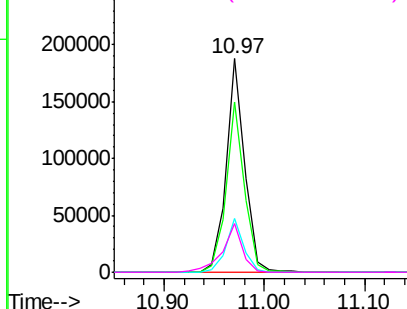
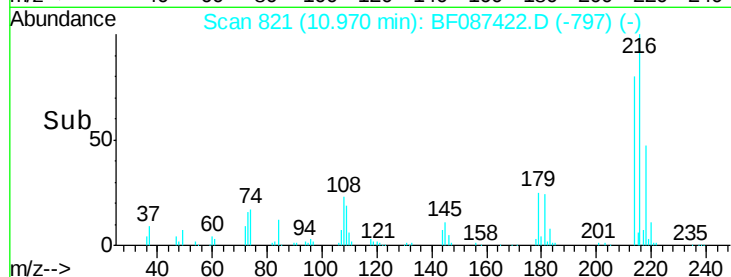
Abundance

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: 66.13 ng

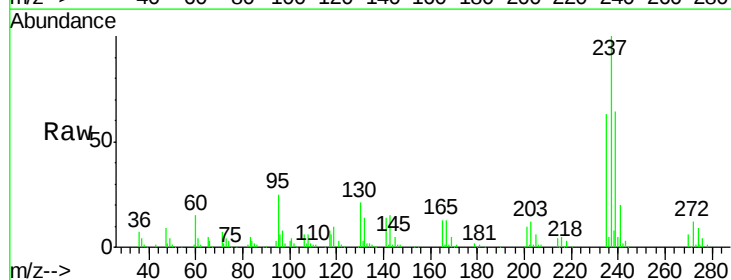
RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	162569		
235	62.9	47.2	87.2	
272	11.7	0.0	31.1	

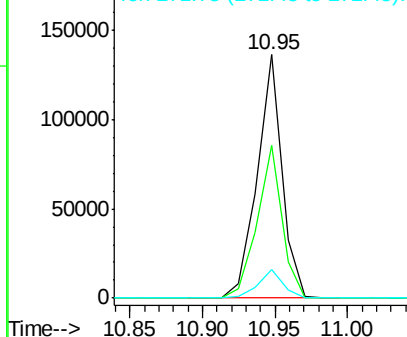
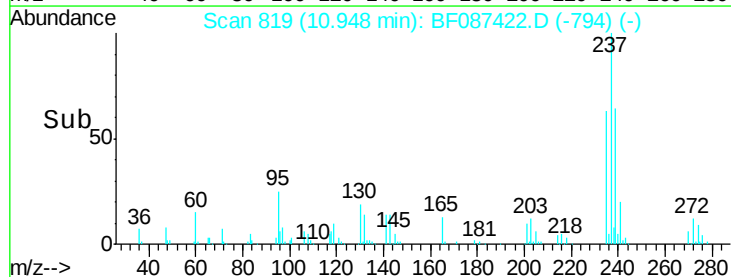


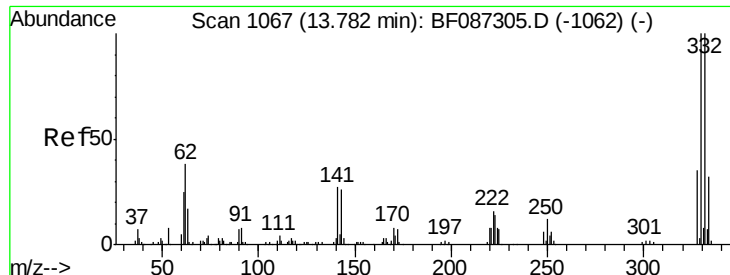
Abundance

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





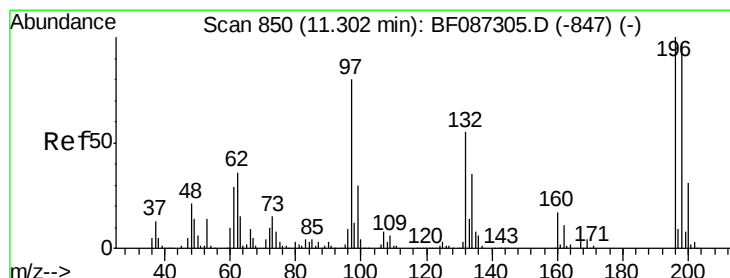
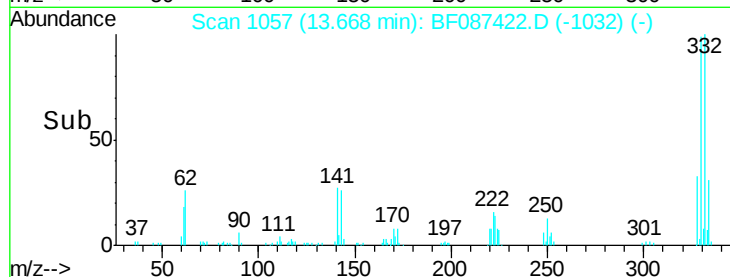
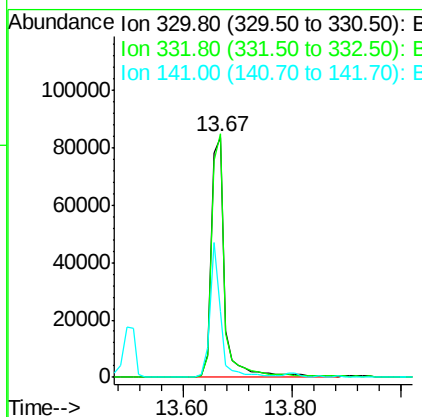
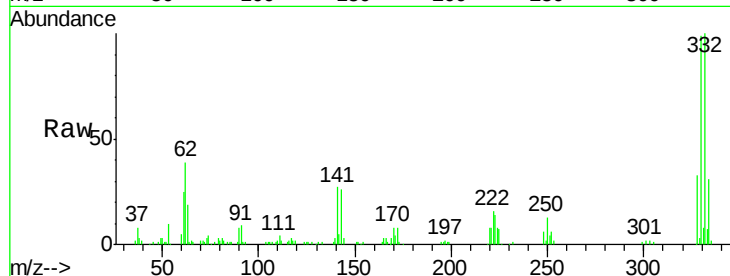
#41
 2,4,6-Tribromophenol
 Concen: 79.49 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	79.0	118.4	
141	44.2	31.2	46.8	

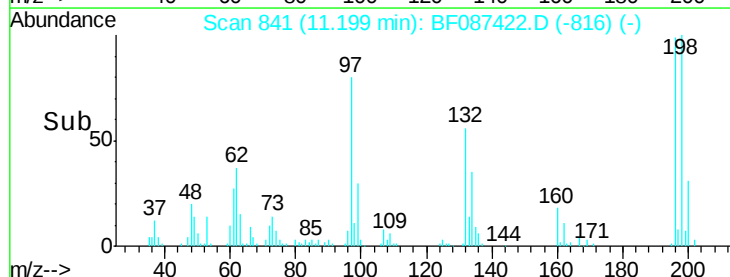
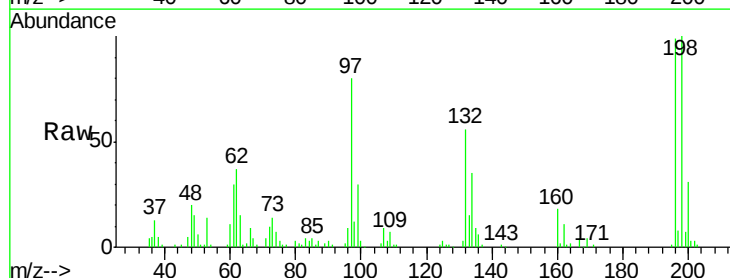
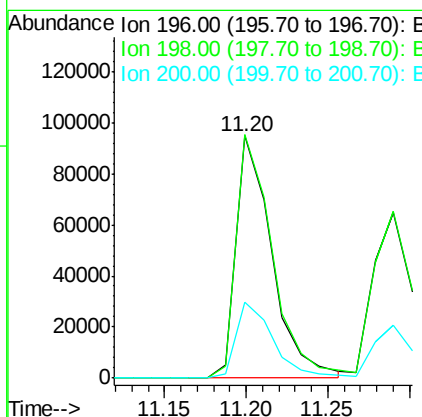
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#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.5	74.7	112.1	
200	31.4	23.8	35.6	





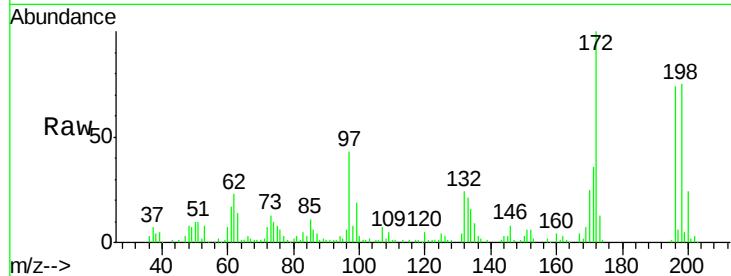
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampled :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150227		
198	101.0	77.5	116.3	
97	57.7	34.8	52.2	
132	32.6	23.0	34.4	

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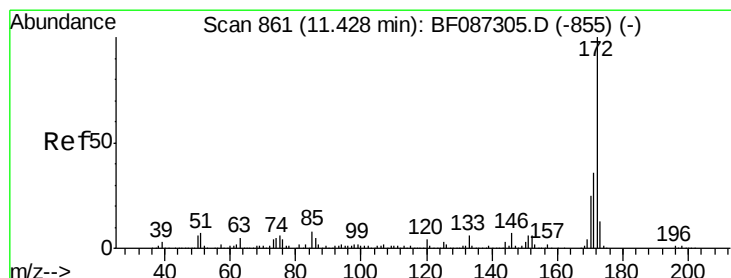
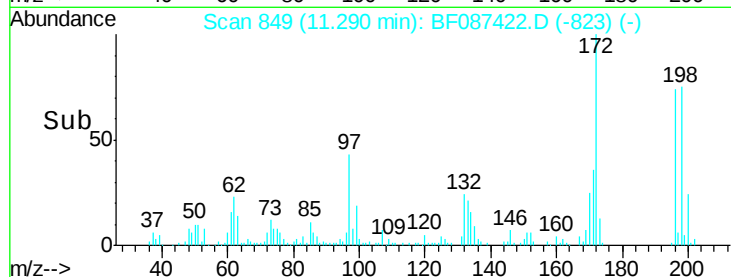
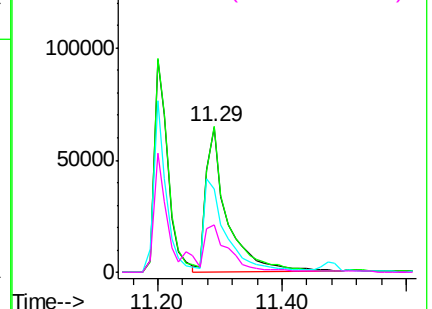
Abundance

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: 78.80 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

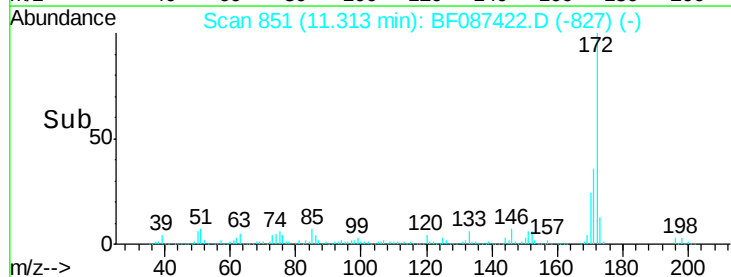
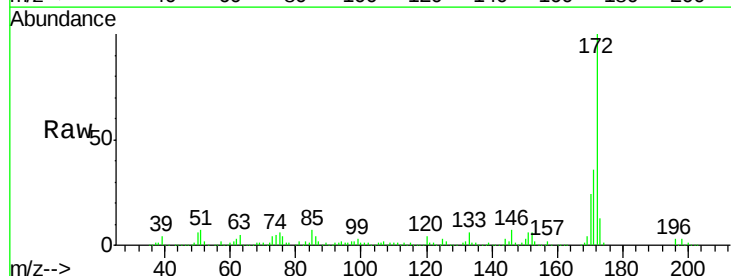
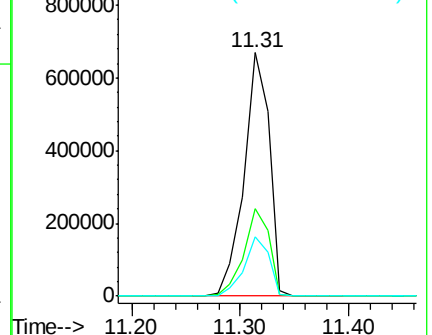
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1073335		
171	35.9	29.0	43.6	
170	24.5	19.8	29.8	

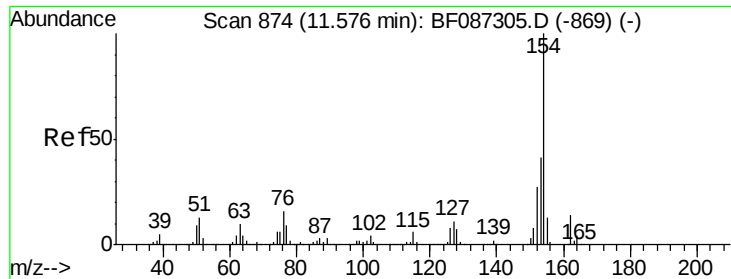
Abundance

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: 42.16 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

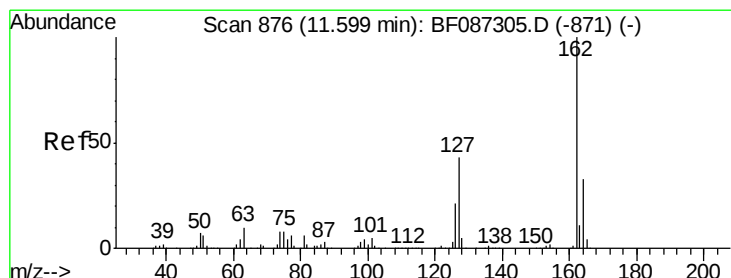
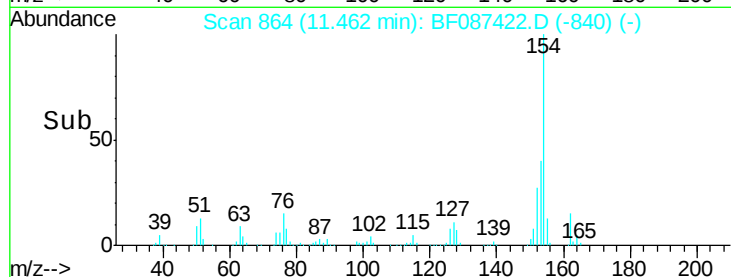
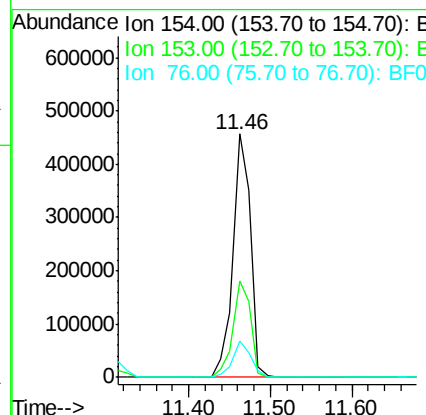
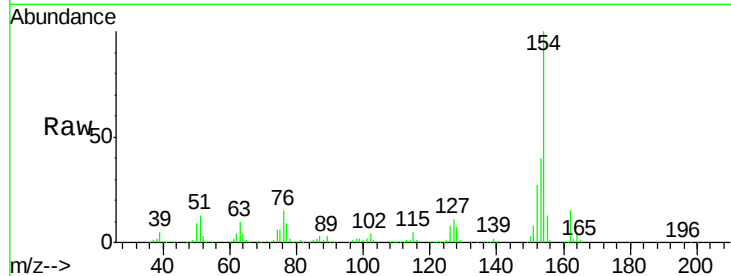
ClientSampleId :

PB90911BS

Tot Ion:	154	Resp:	681604
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.3	60.3
76	14.7	0.0	30.2

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#46

2-Chloronaphthalene

Concen: 41.27 ng

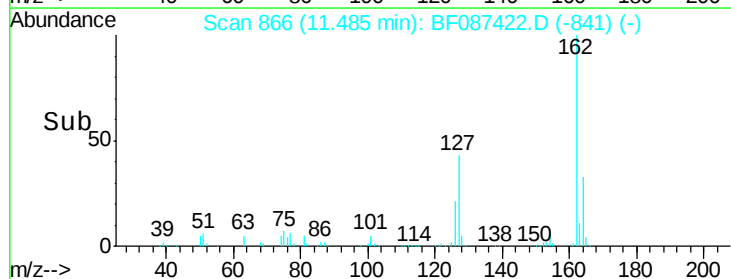
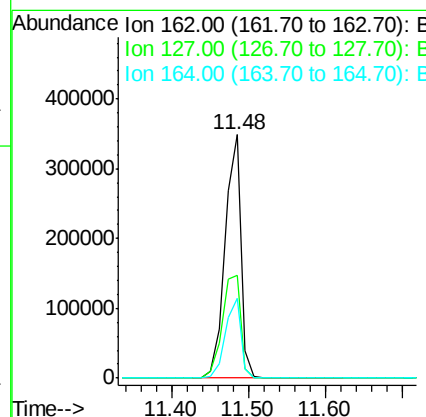
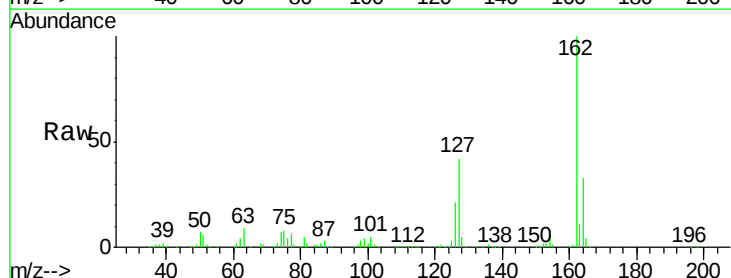
RT: 11.48 min Scan# 866

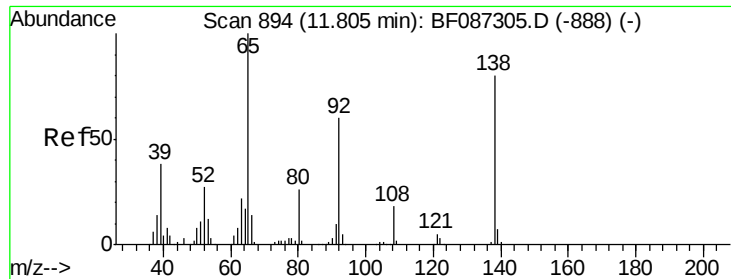
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	162	Resp:	510465
Ion Ratio	Lower	Upper	
162	100		
127	42.0	31.8	47.6
164	32.9	27.0	40.6





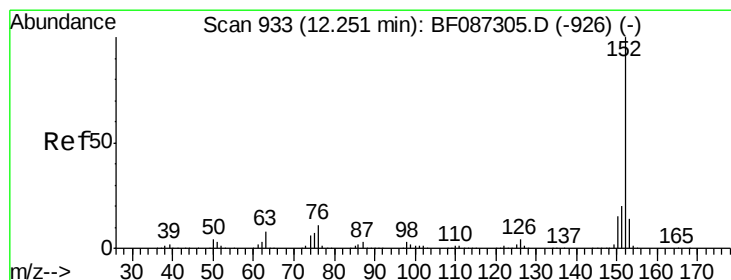
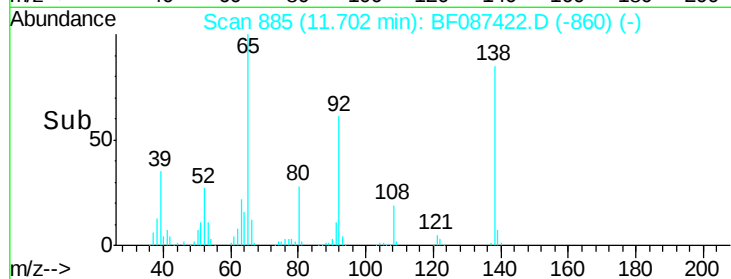
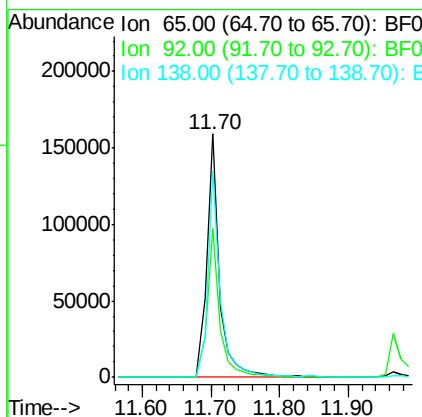
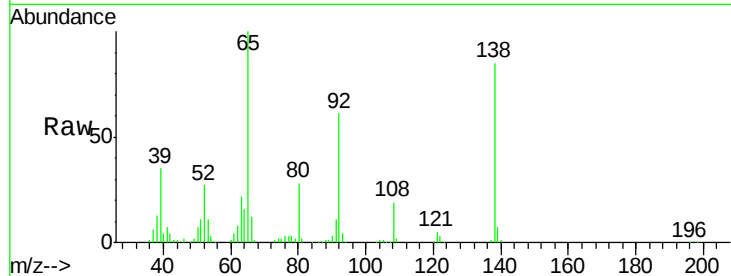
#47
2-Nitroaniline
Concen: 46.28 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.2	57.4	86.2
138	85.0	90.1	135.1#

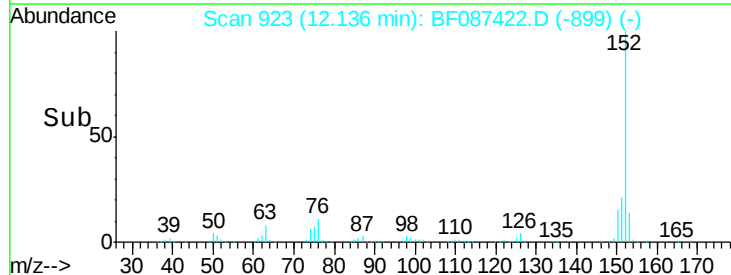
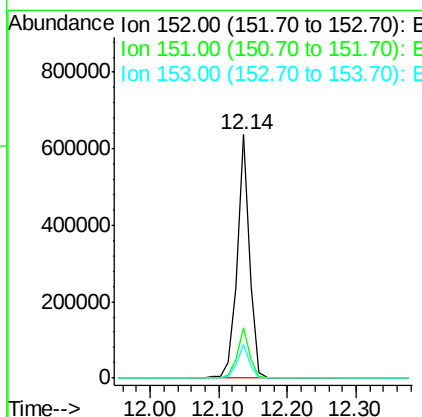
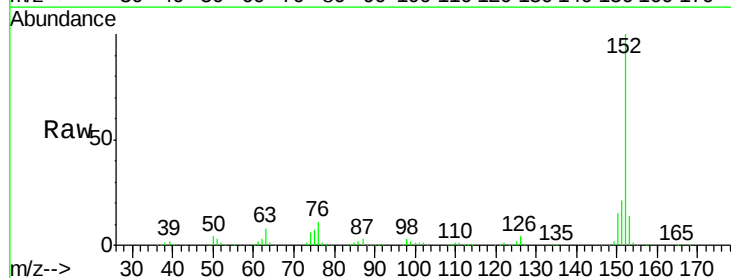
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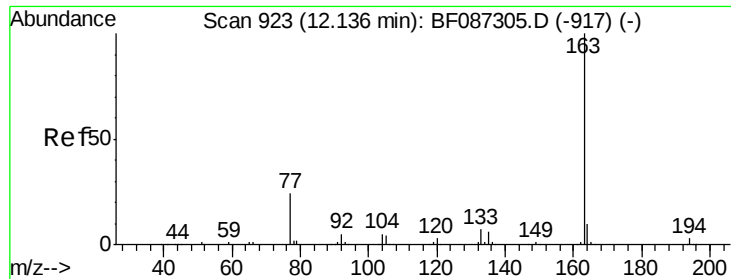
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#48
Acenaphthylene
Concen: 41.61 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.8	10.9	16.3





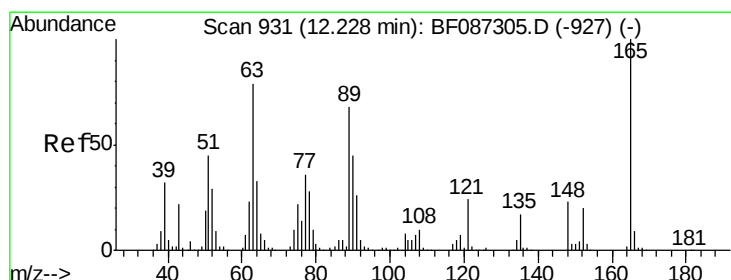
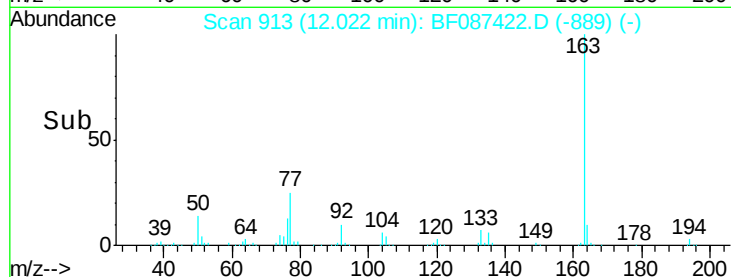
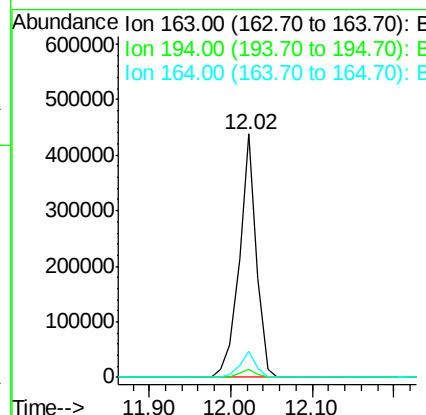
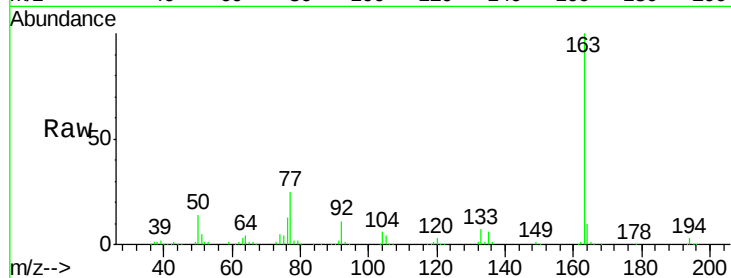
#49
Dimethylphthalate
Concen: 40.98 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.5	8.2	12.4	

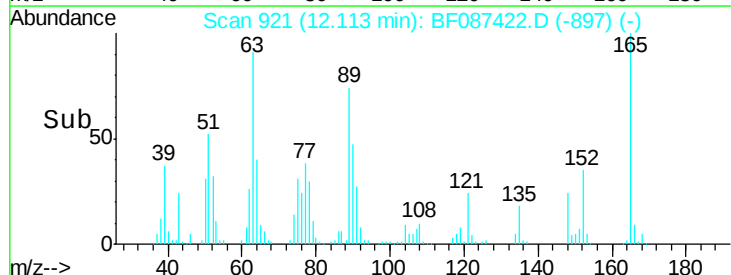
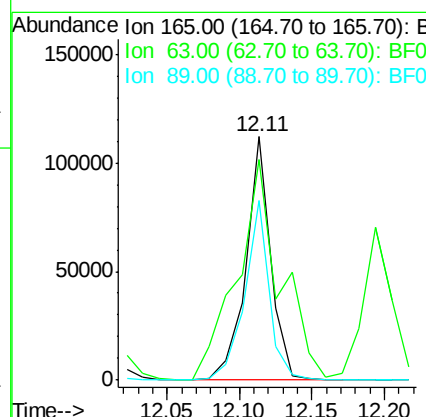
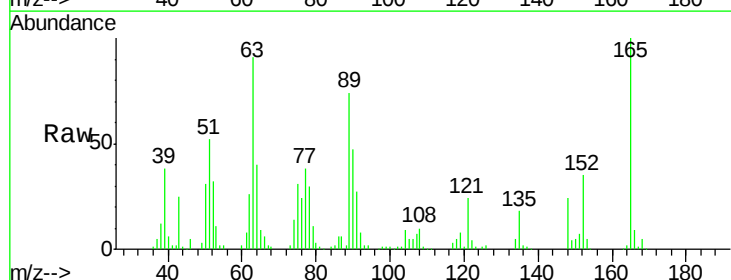
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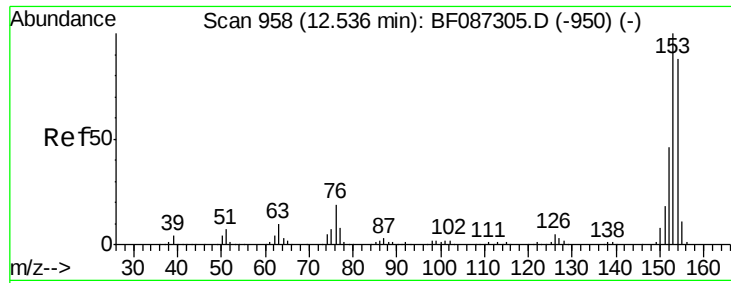
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#50
2,6-Dinitrotoluene
Concen: 42.63 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	90.6	51.8	77.8#	
89	74.0	50.7	76.1	





#51

Acenaphthene

Concen: 41.90 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087422.D

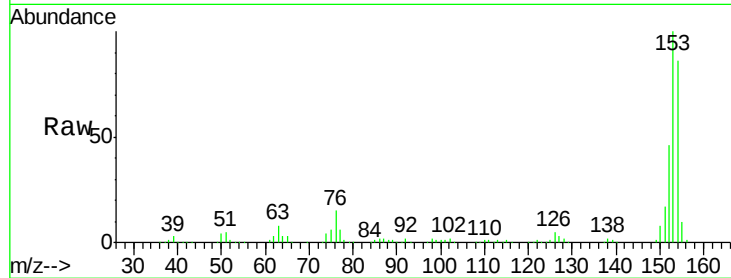
Acq: 26 May 2016 23:00

Instrument :

BNA_F

ClientSampled :

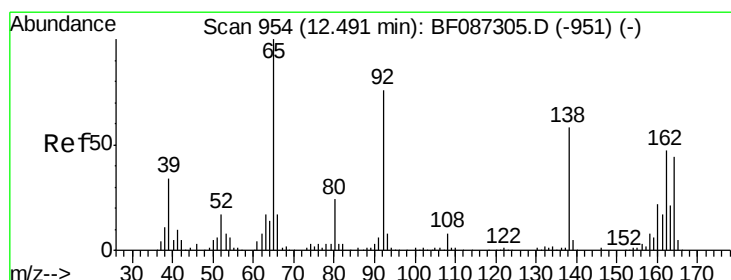
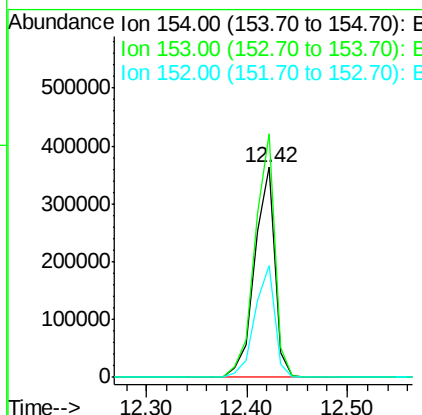
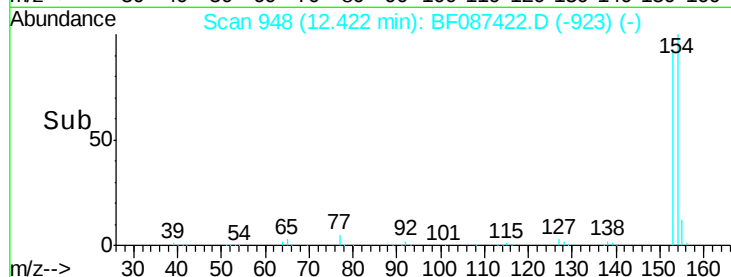
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Tot Ion	154	Resp	504366
Ion Ratio	Lower	Upper	
154	100		
153	115.9	89.8	134.6
152	53.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 22.59 ng

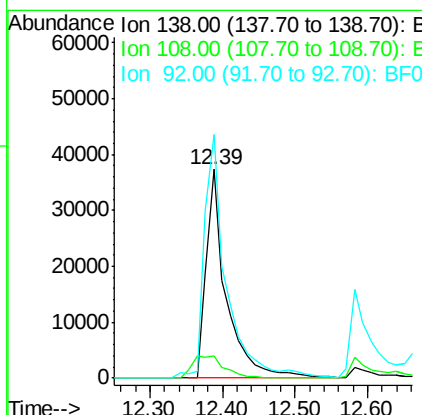
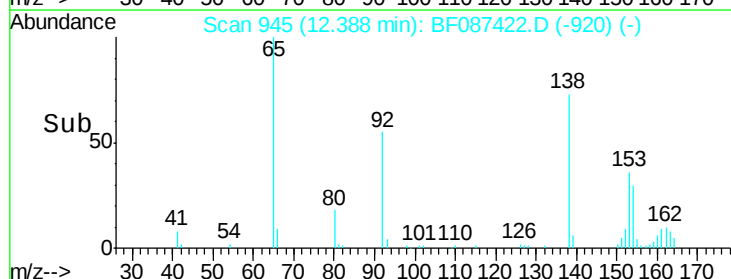
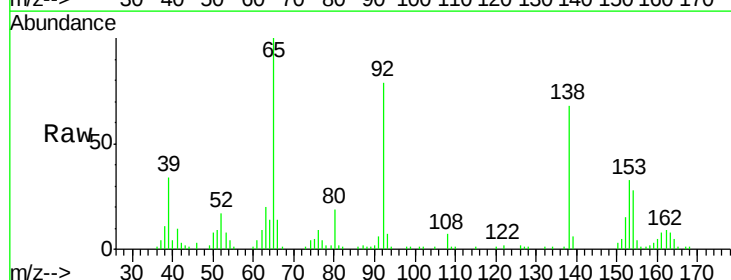
RT: 12.39 min Scan# 945

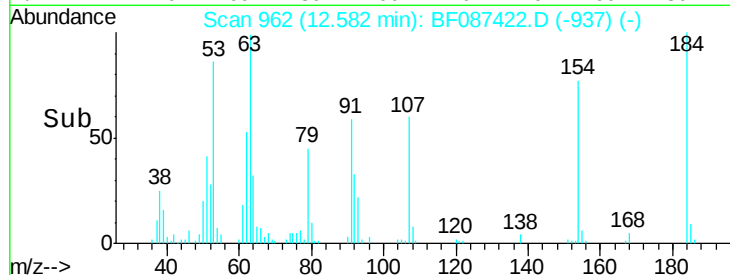
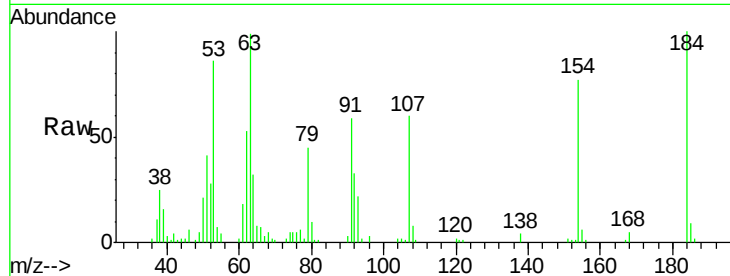
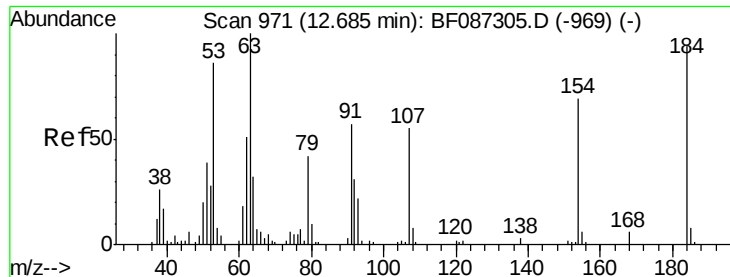
Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion	138	Resp	71868
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	116.6	87.8	131.8





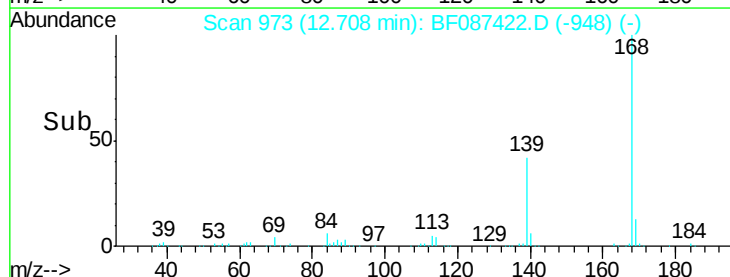
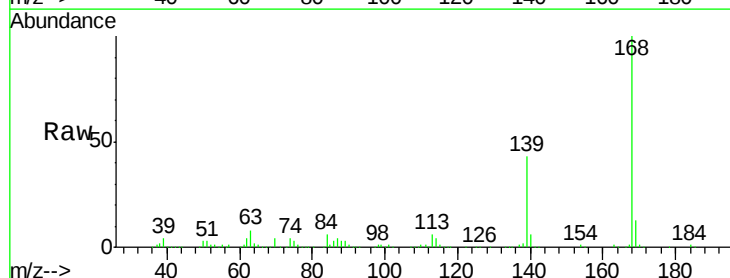
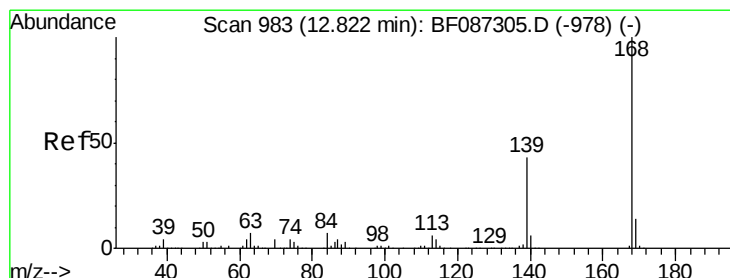
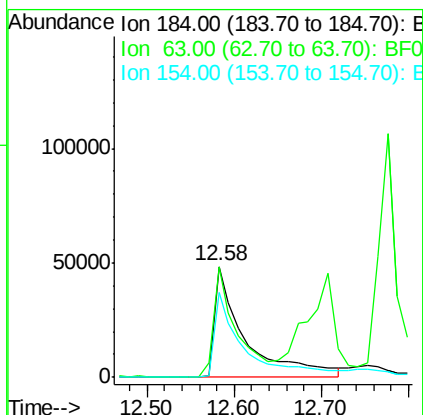
#53
2,4-Dinitrophenol
Concen: 75.30 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tot Ion	Ratio	Resp	Lower	Upper
184	100	118781		
63	99.2	55.8	83.8#	
154	77.1	62.4	93.6	

Instrument :
BNA_F
ClientSampled :
PB90911BS

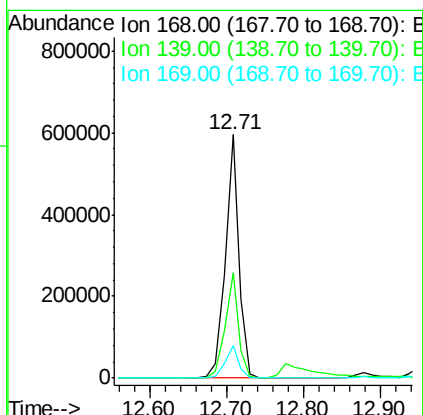
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#54
Dibenzofuran
Concen: 45.80 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	746422		
139	43.0	31.4	47.0	
169	13.5	10.7	16.1	





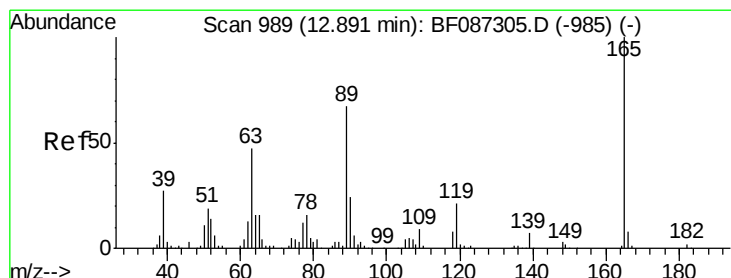
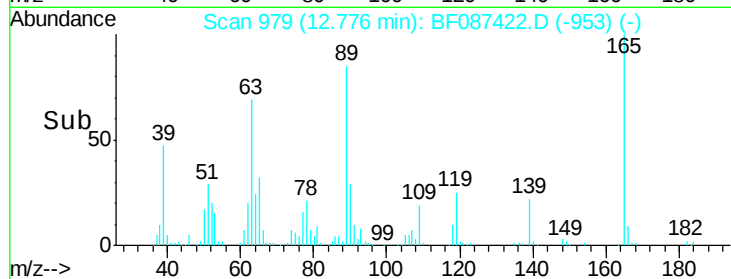
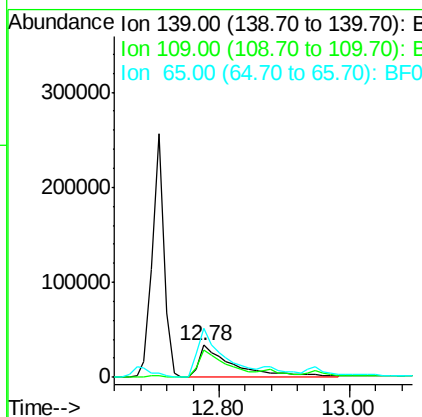
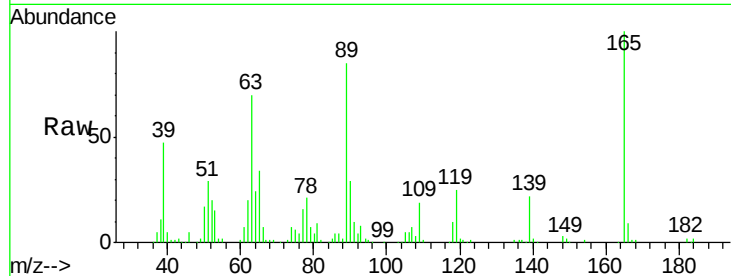
#55
4-Nitrophenol
Concen: 78.07 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	85.2	36.9	76.9#	
65	151.1	64.0	104.0#	

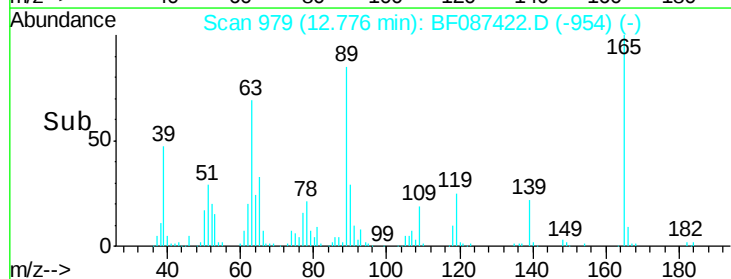
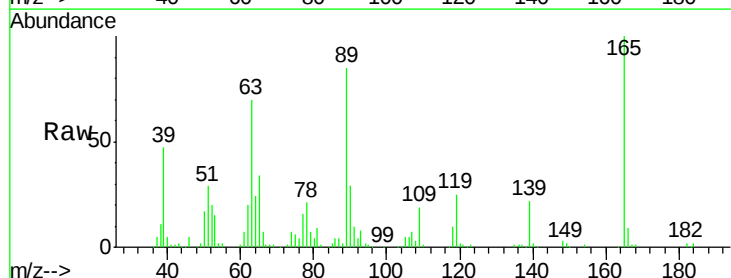
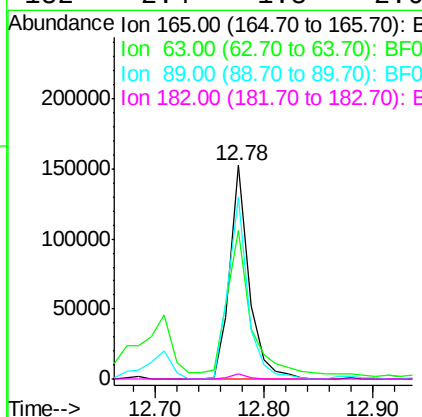
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 45.17 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.8	44.3	66.5#	
89	85.4	70.0	105.0	
182	2.4	1.8	2.6	





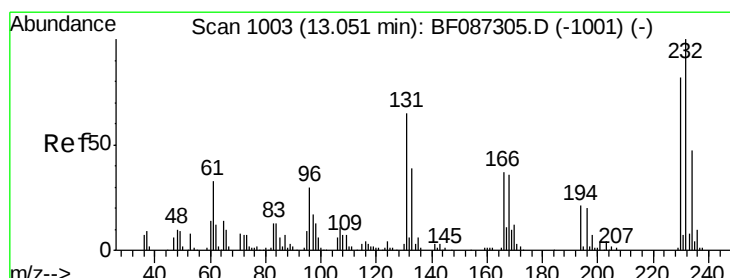
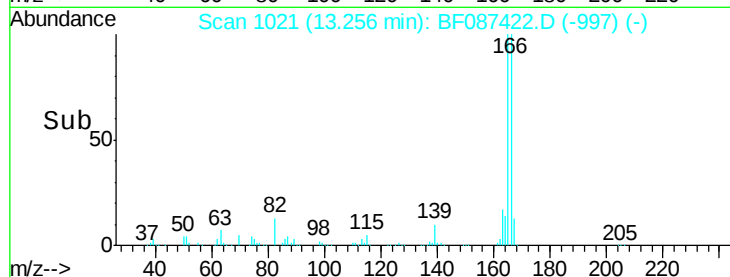
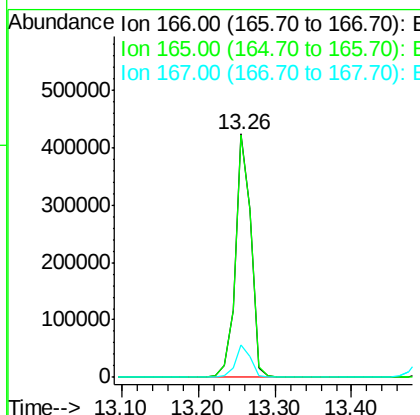
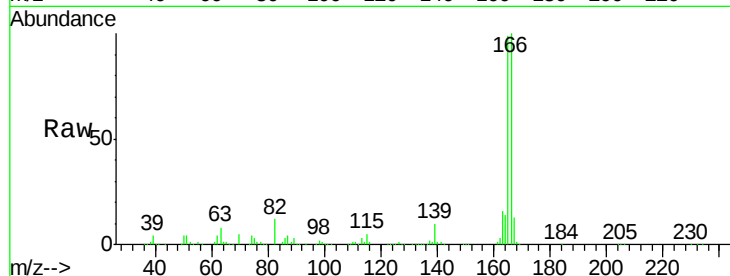
#57
 Fluorene
 Concen: 42.74 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	13.5	10.6	15.8

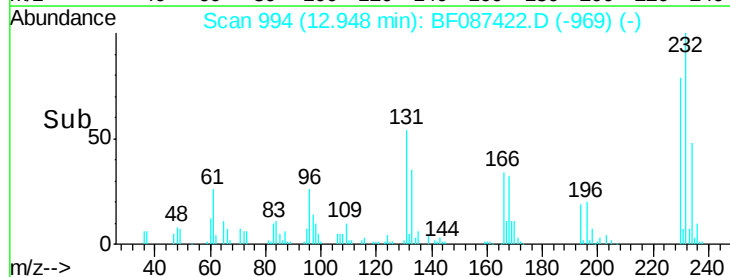
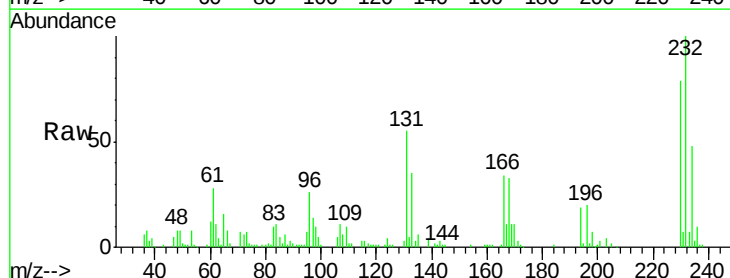
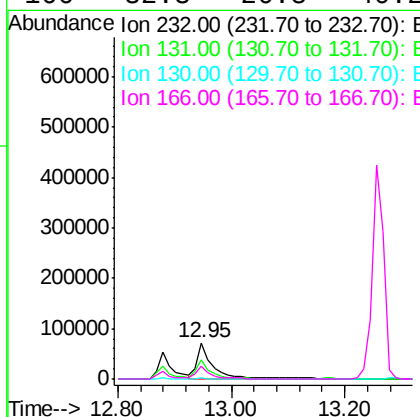
Manual Integrations
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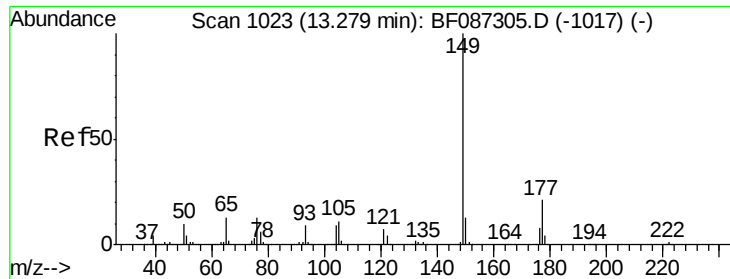
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.31 ng
 RT: 12.95 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	41.9	62.9
130	2.8	2.2	3.4
166	32.3	26.8	40.2





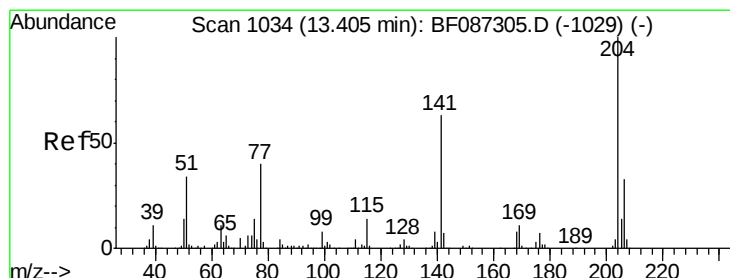
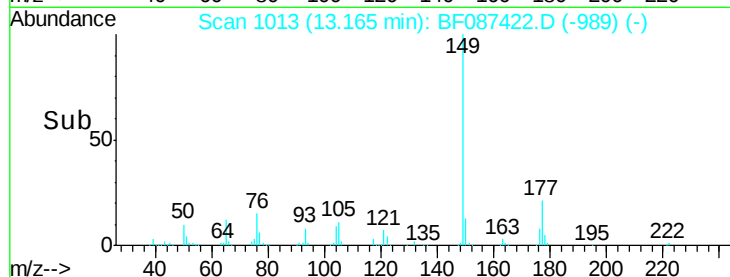
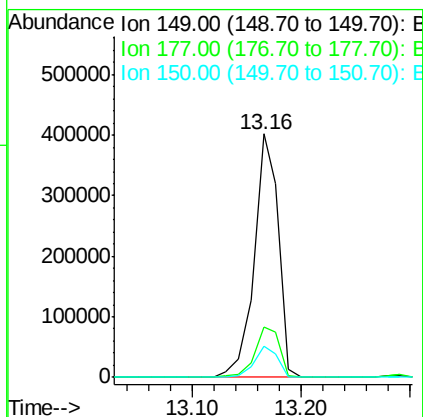
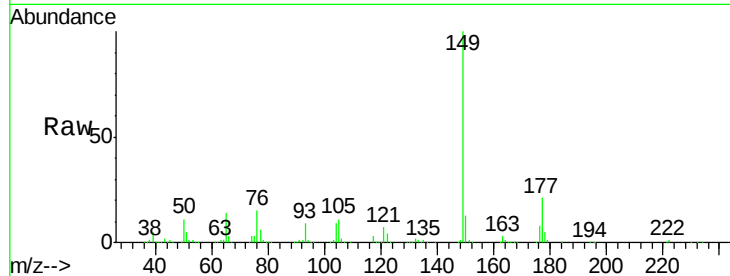
#59
Diethylphthalate
Concen: 41.54 ng
RT: 13.16 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.6	24.8
150	12.8	10.0	15.0

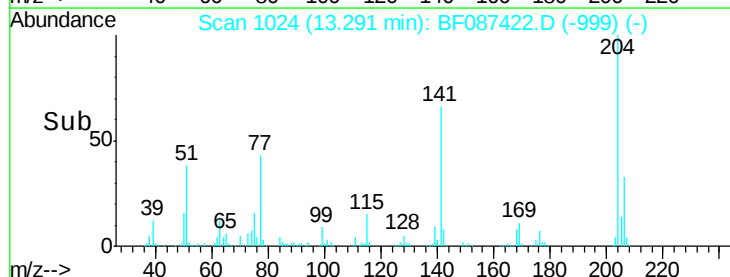
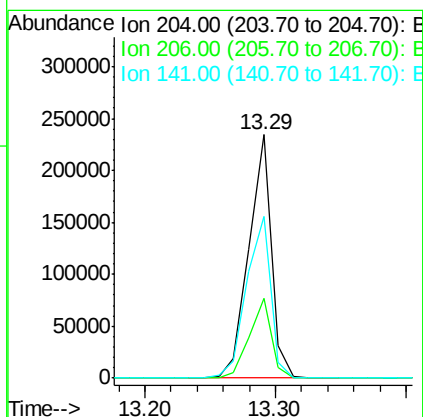
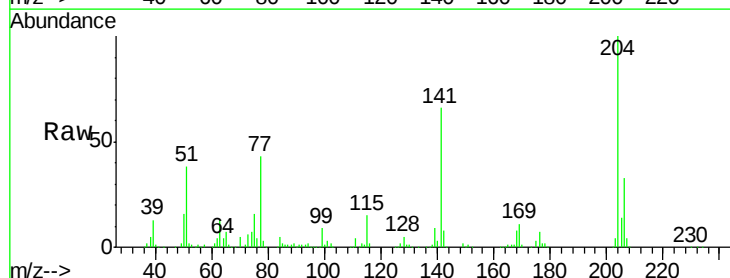
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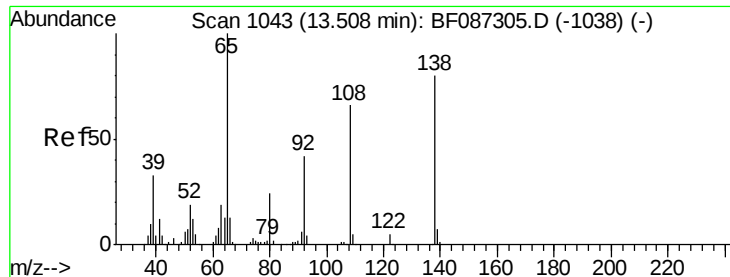
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#60
4-Chlorophenyl-phenylether
Concen: 41.00 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	66.4	61.6	92.4





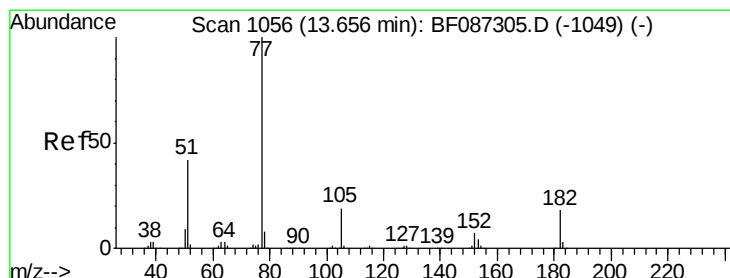
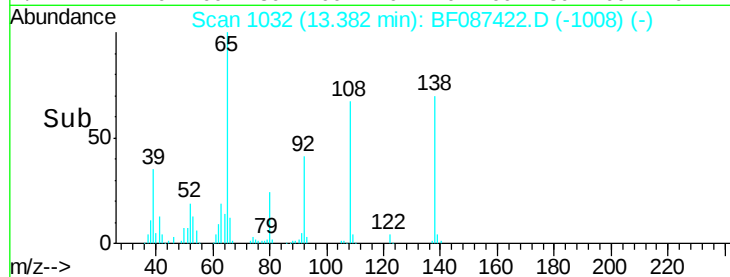
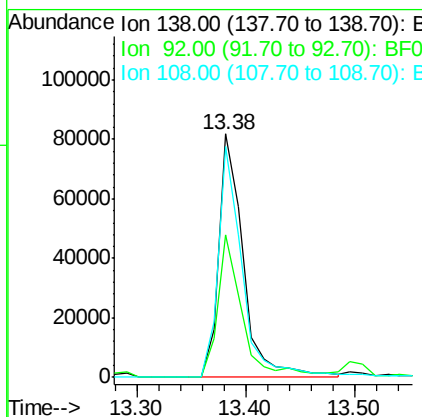
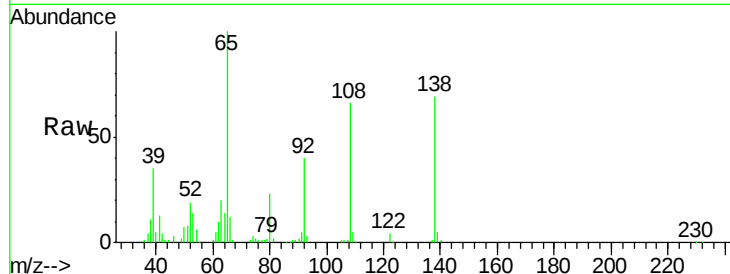
#61
4-Nitroaniline
Concen: 43.42 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
138	100		
92	58.3	24.7	64.7
108	94.9	37.4	77.4

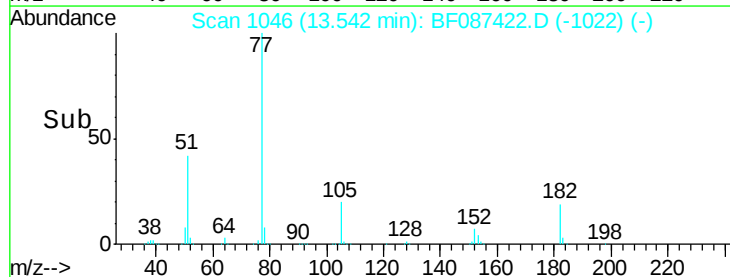
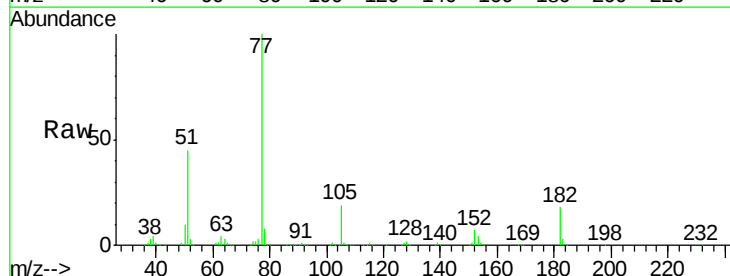
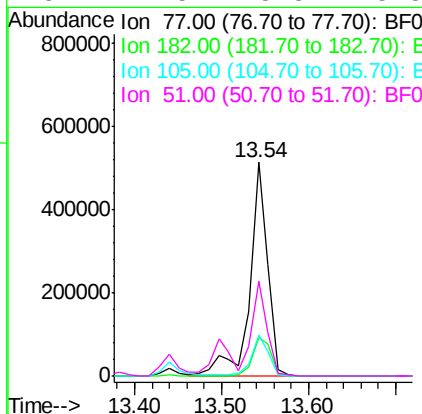
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#62
Azobenzene
Concen: 47.76 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.1	0.0	38.8
105	19.1	3.2	43.2
51	44.5	8.8	48.8





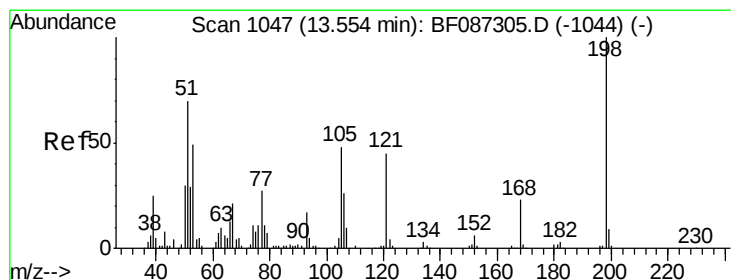
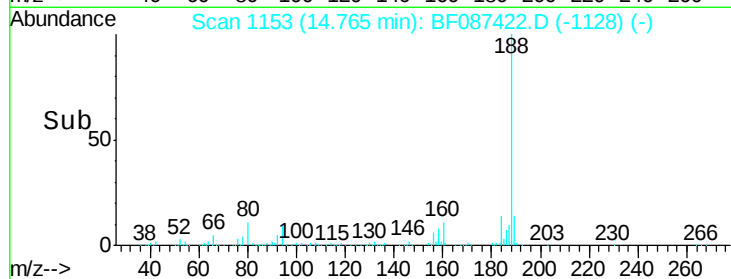
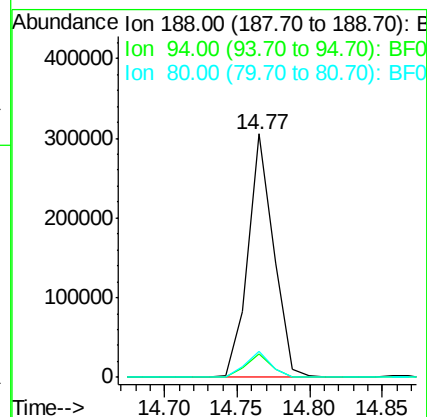
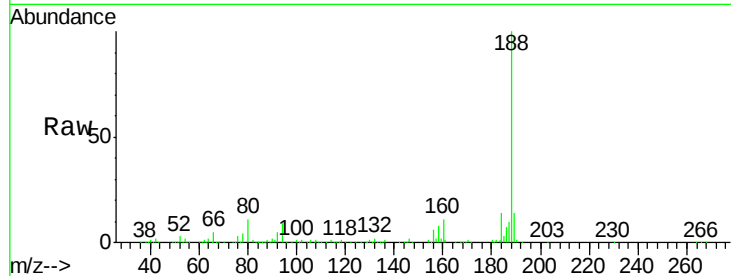
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	374654		
94	9.5	6.8	10.2	
80	10.7	7.1	10.7#	

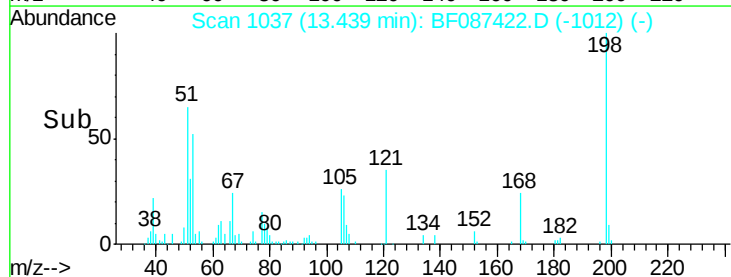
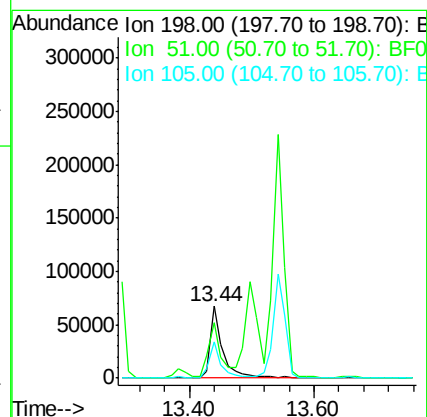
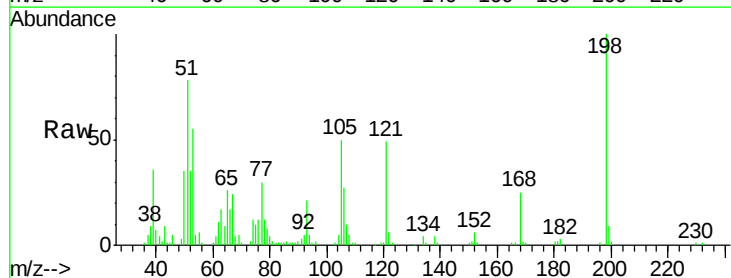
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.50 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	96489		
51	77.6	20.5	60.5#	
105	50.0	24.5	64.5	





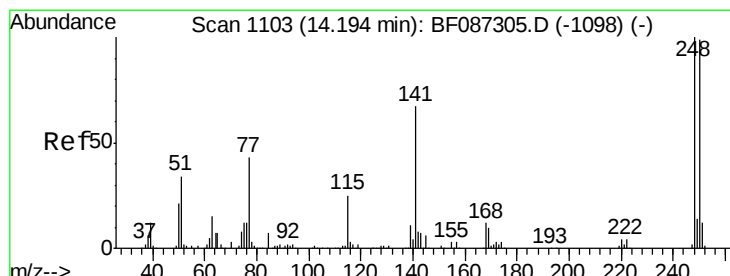
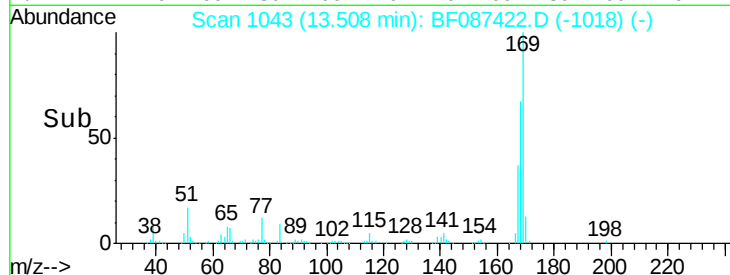
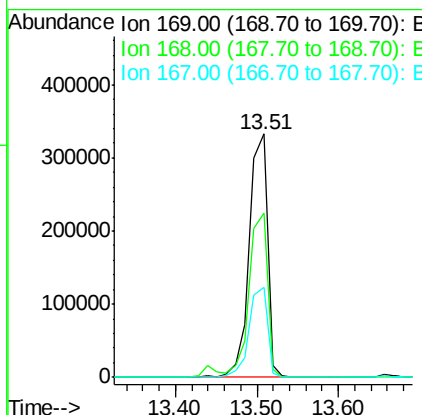
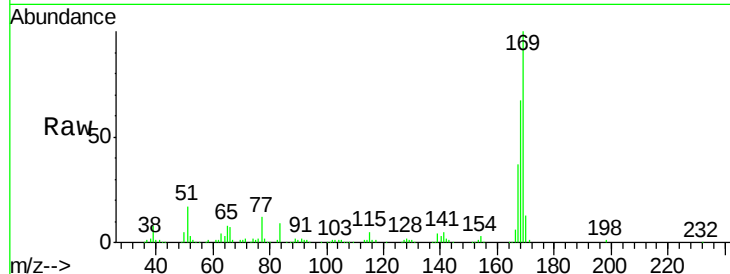
#65
 n-Nitrosodiphenylamine
 Concen: 42.32 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	512712		
168	67.2	53.8	80.6	
167	37.0	29.5	44.3	

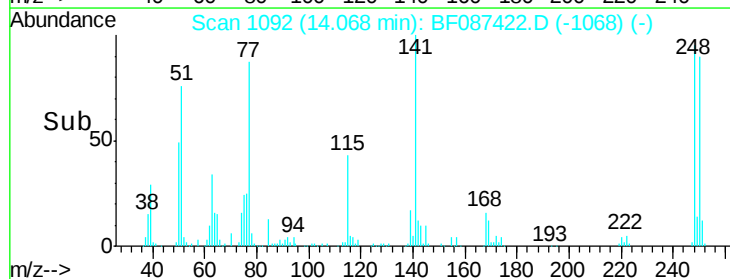
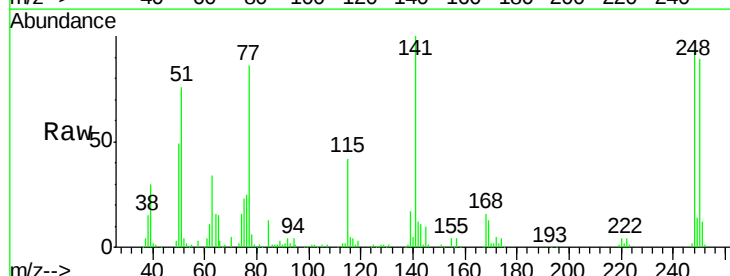
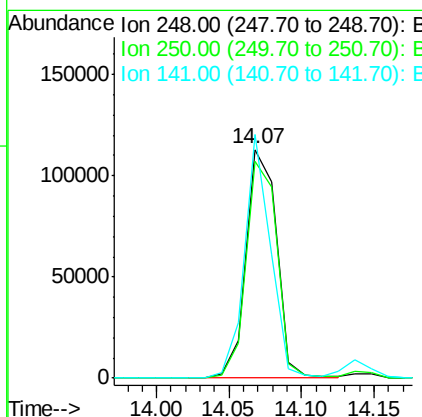
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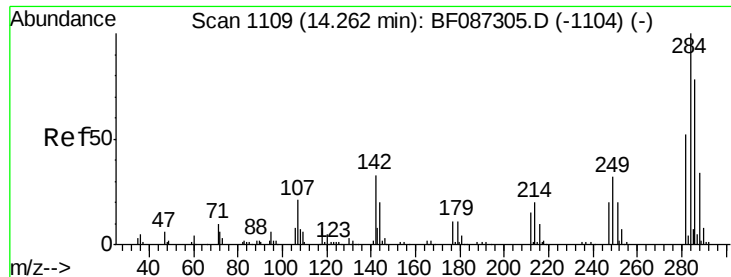
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#66
 4-Bromophenyl-phenylether
 Concen: 40.33 ng
 RT: 14.07 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	165297		
250	95.1	78.6	117.8	
141	106.7	76.0	114.0	





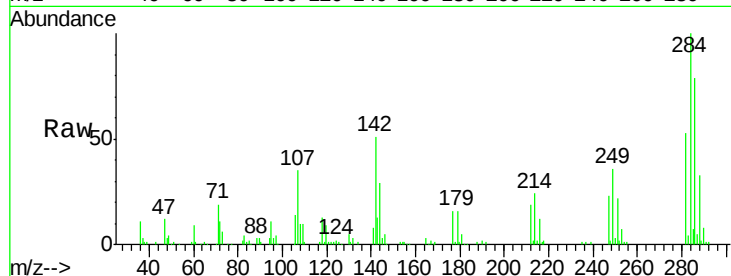
#67
Hexachlorobenzene
Concen: 40.33 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
PB90911BS

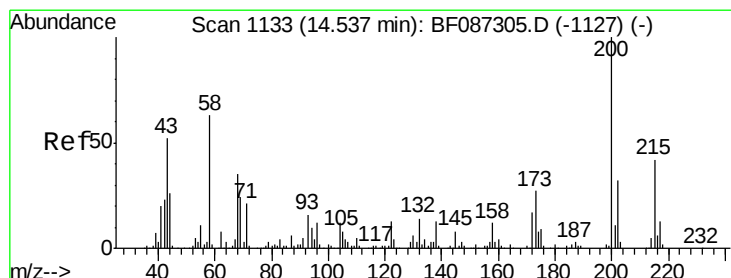
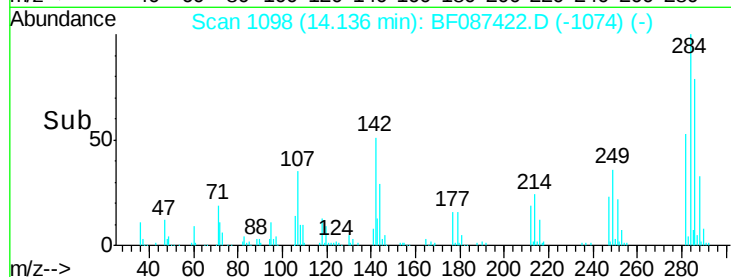
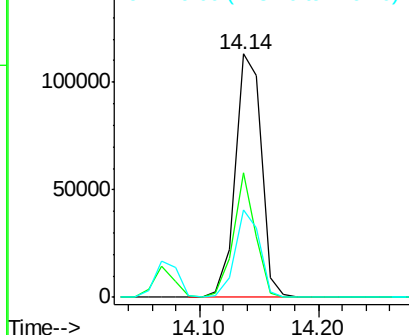
Tot Ion	Ratio	Resp	Lower	Upper
284	100	172880		
142	51.2	16.7	25.1#	
249	35.9	21.3	31.9#	

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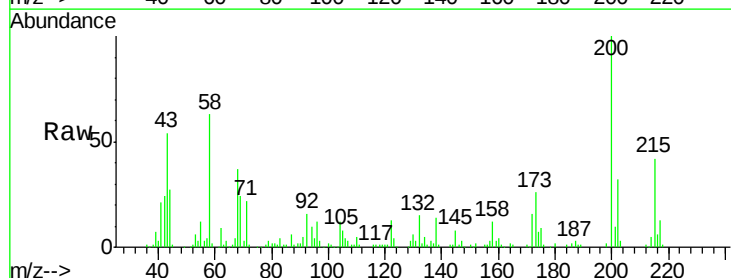


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

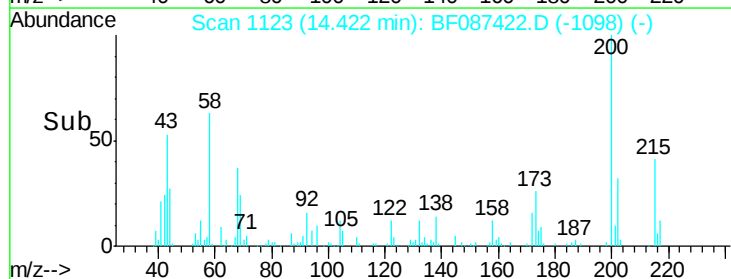
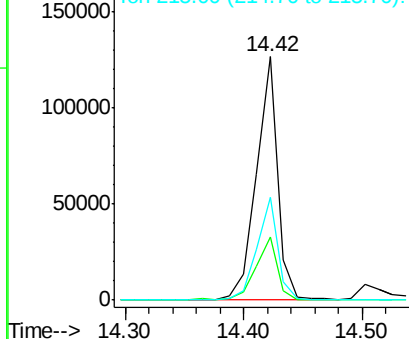


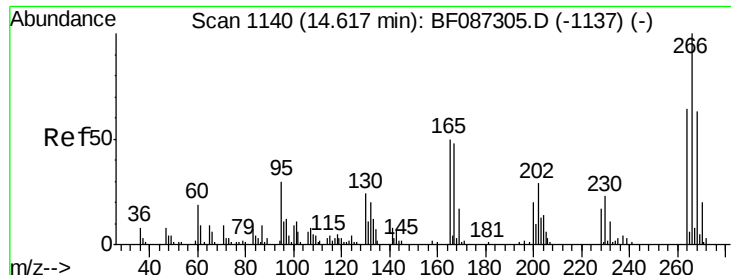
#68
Atrazine
Concen: 41.23 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	159244		
173	25.7	8.5	48.5	
215	42.4	27.2	67.2	



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





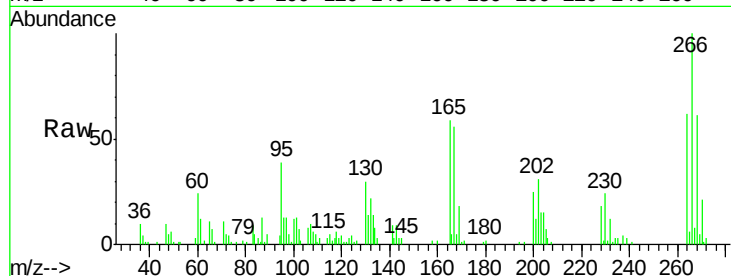
#69
 Pentachlorophenol
 Concen: 70.28 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

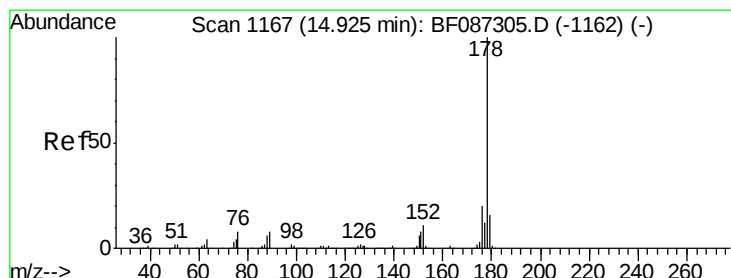
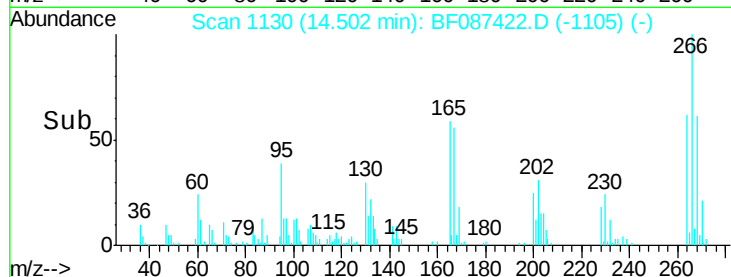
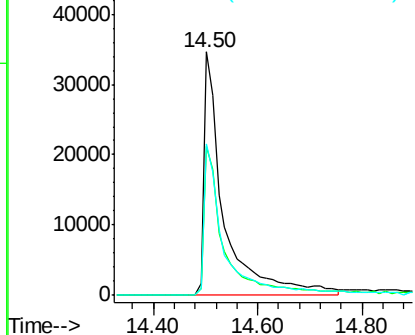
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.5	77.3
264	62.4	52.9	79.3

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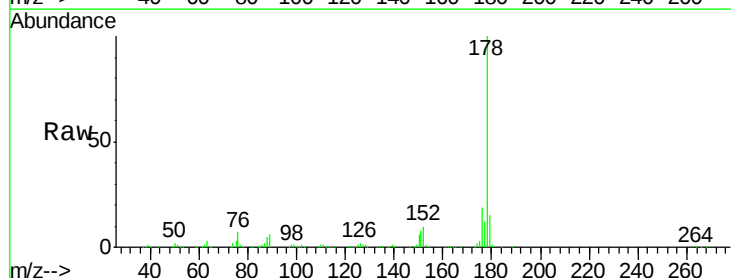


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

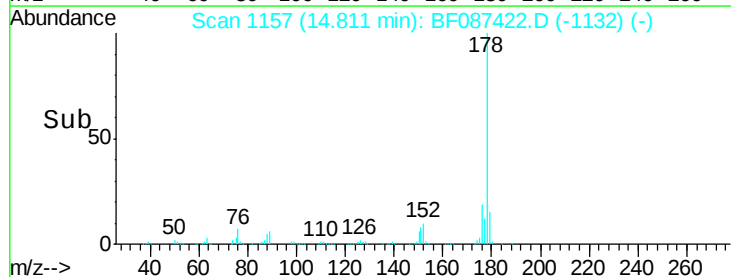
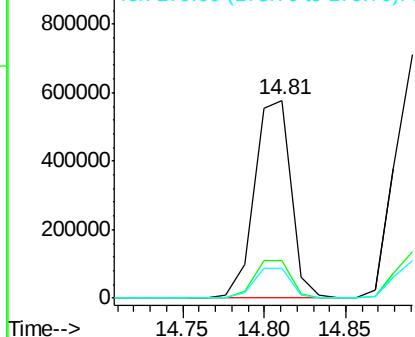


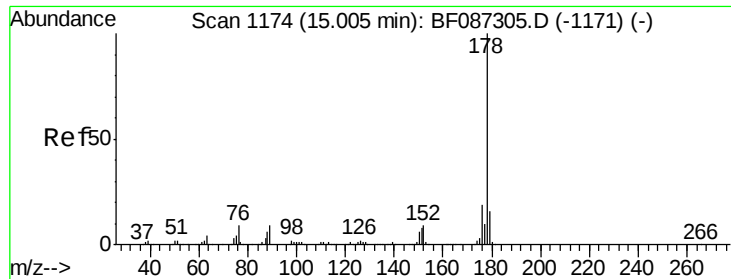
#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.2	12.6	18.8



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





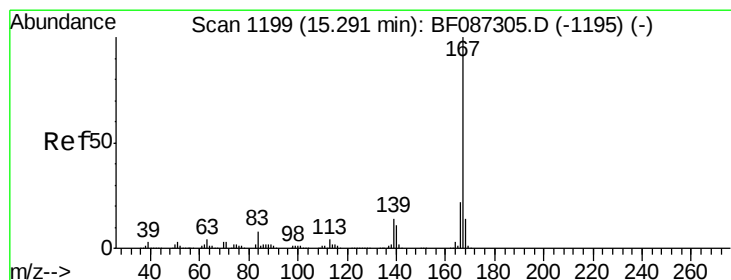
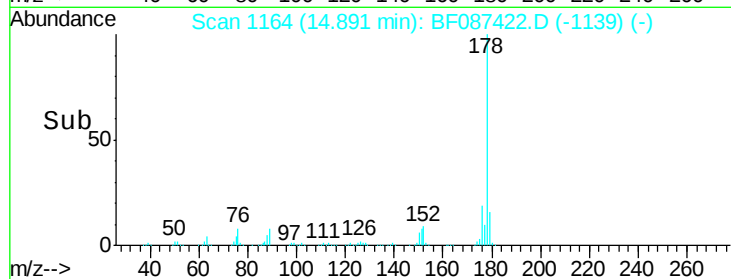
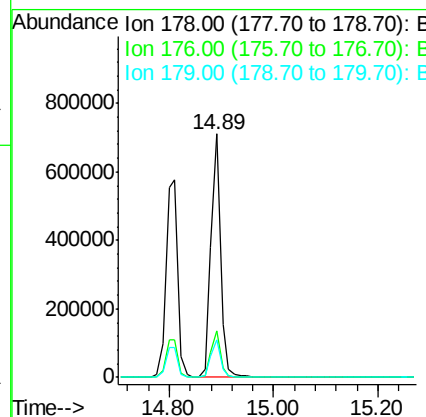
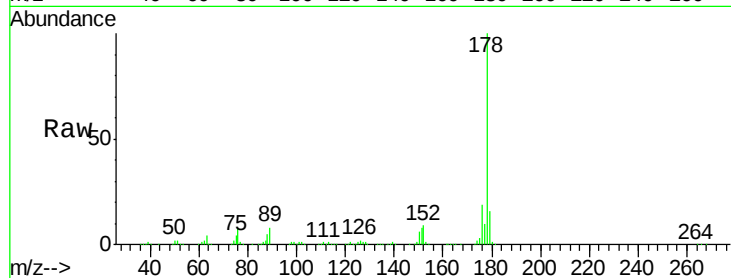
#71
 Anthracene
 Concen: 43.53 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.7	19.1

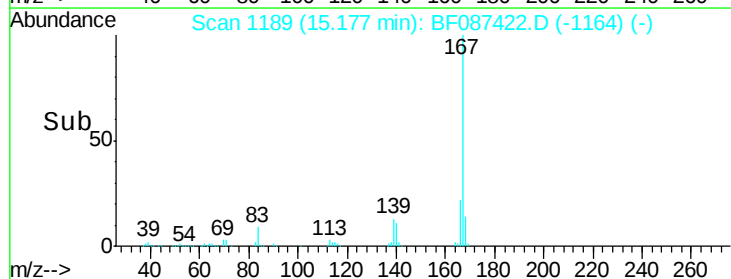
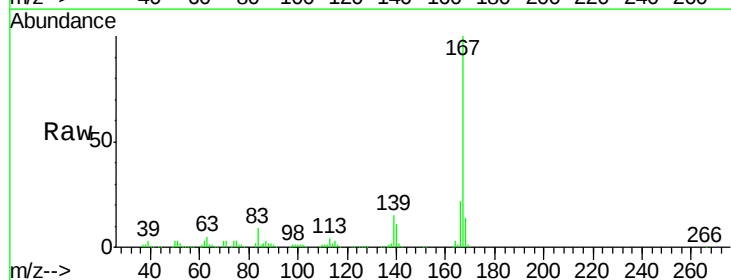
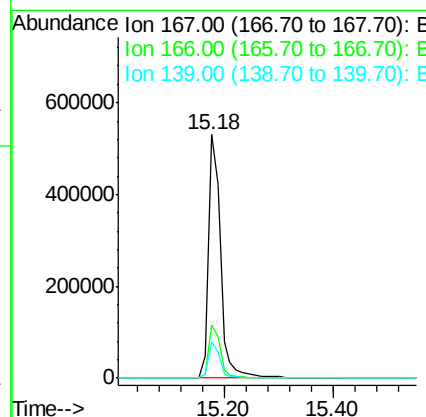
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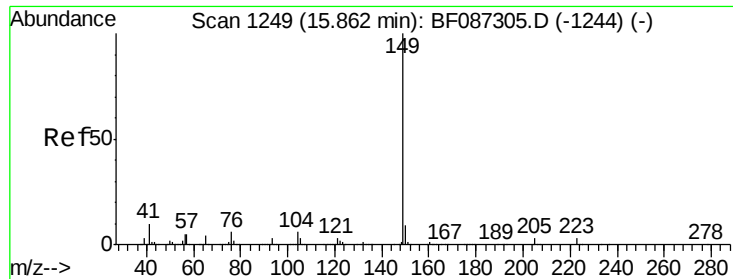
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#72
 Carbazole
 Concen: 45.41 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	14.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 40.53 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

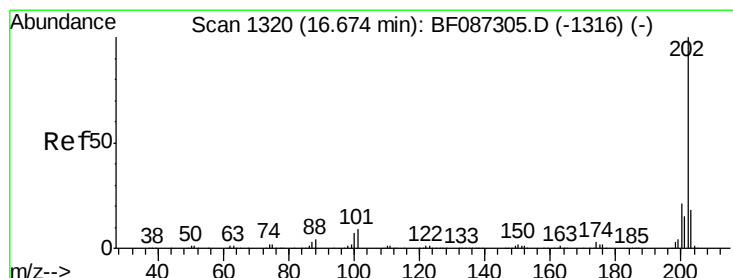
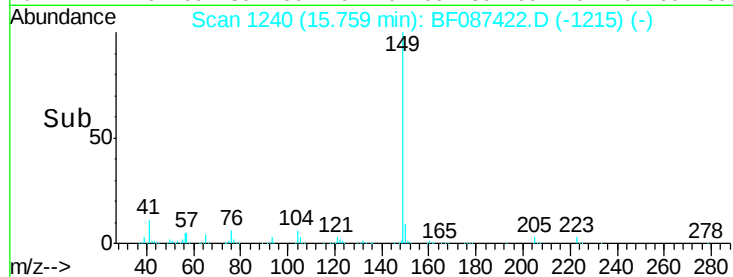
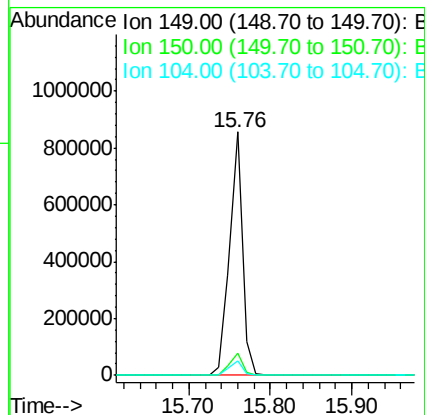
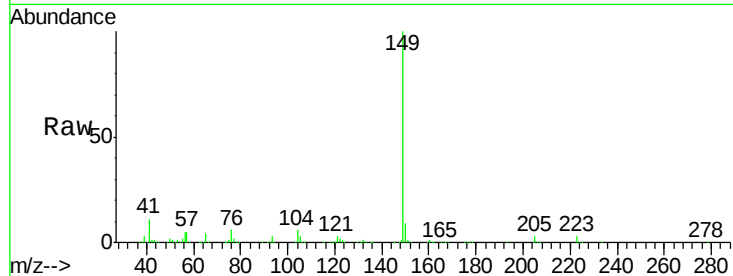
ClientSampled :

PB90911BS

Tot Ion:	149	Resp:	937196
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	5.9	3.8	5.6#

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#74

Fluoranthene

Concen: 43.38 ng

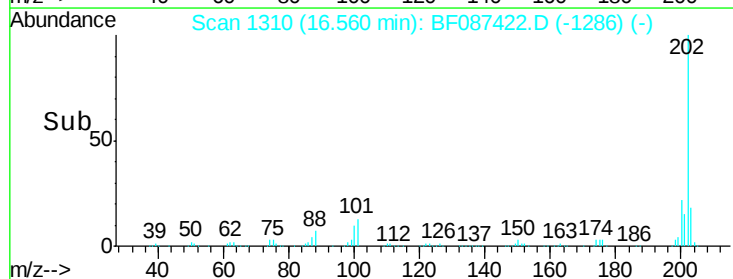
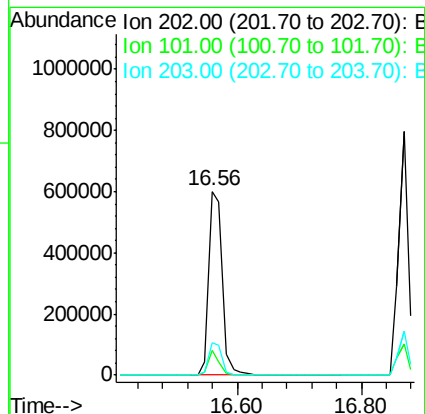
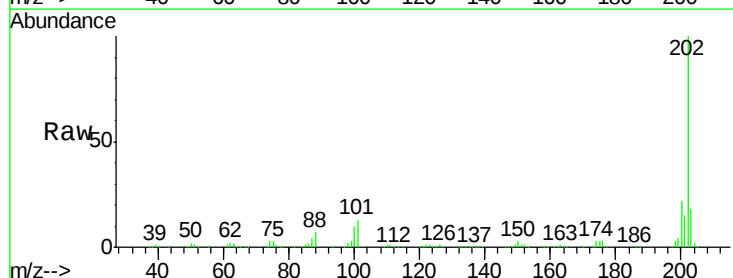
RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	202	Resp:	902819
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	35.4
203	17.7	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: BF087422.D

Acq: 26 May 2016 23:00

Instrument :

BNA_F

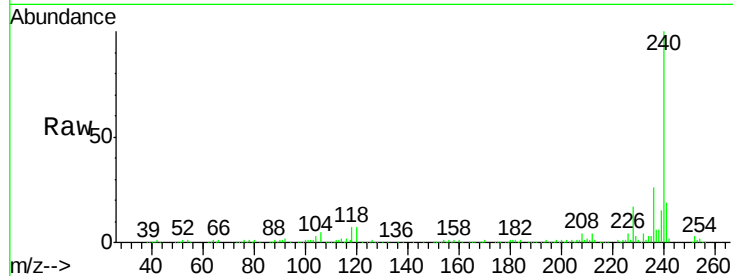
ClientSampled :

PB90911BS

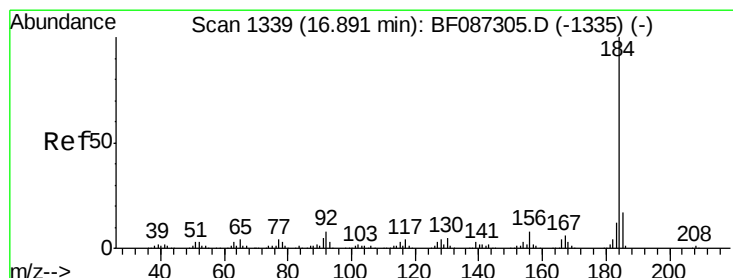
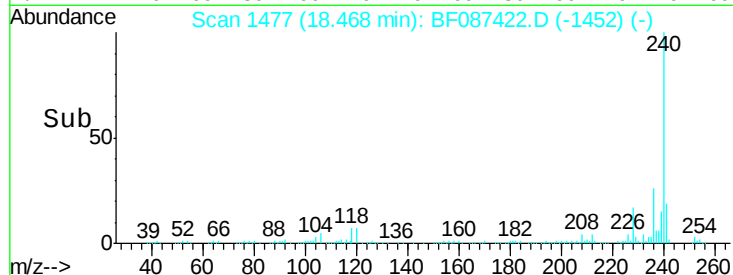
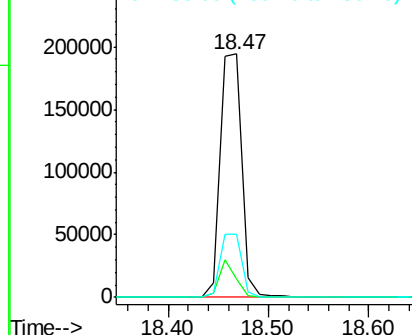
Tot Ion:	240	Resp:	288165
Ion Ratio	Lower	Upper	
240	100		
120	7.4	11.2	16.8#
236	26.1	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.81 ng

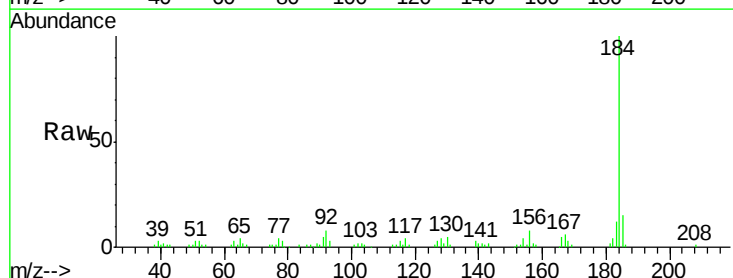
RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

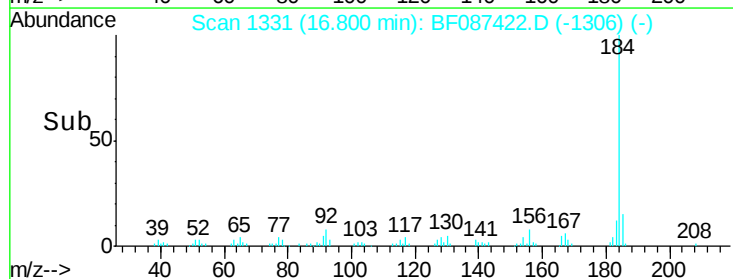
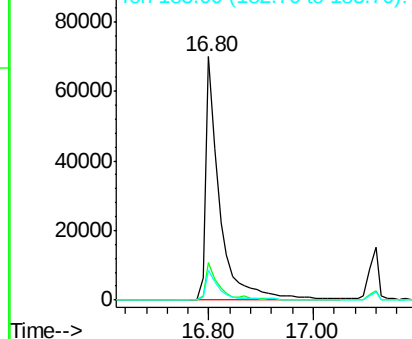
Lab File: BF087422.D

Acq: 26 May 2016 23:00

Tgt Ion:	184	Resp:	132091
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	12.4	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





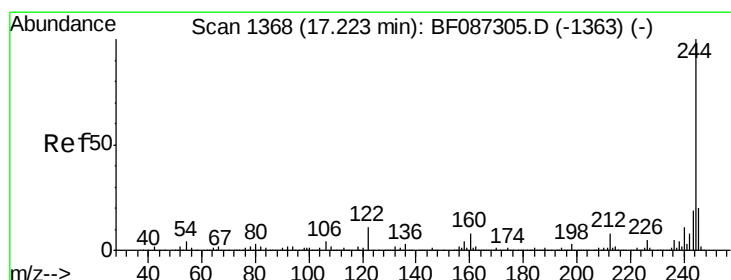
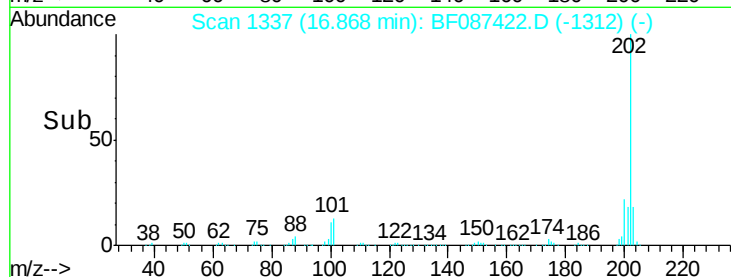
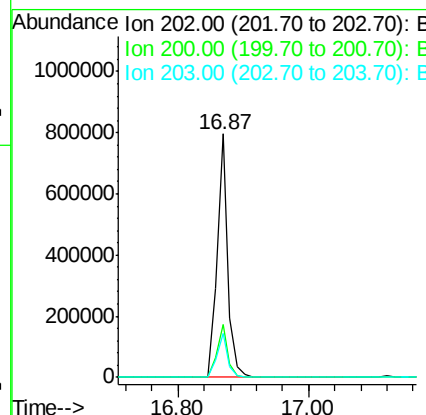
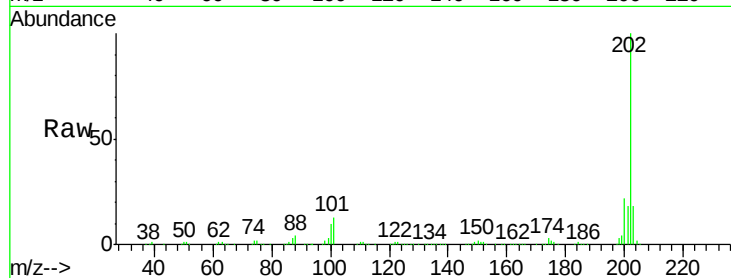
#77
Pvrene
Concen: 44.42 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampled :
PB90911BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	14.2	21.4

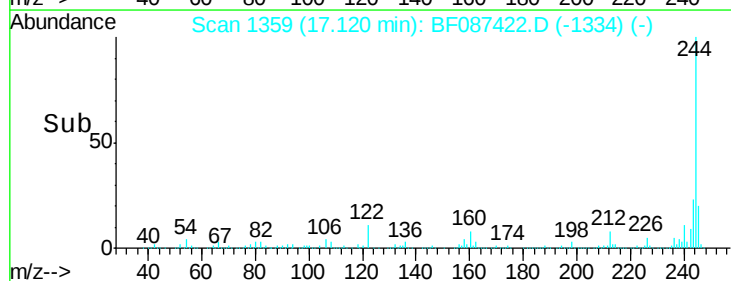
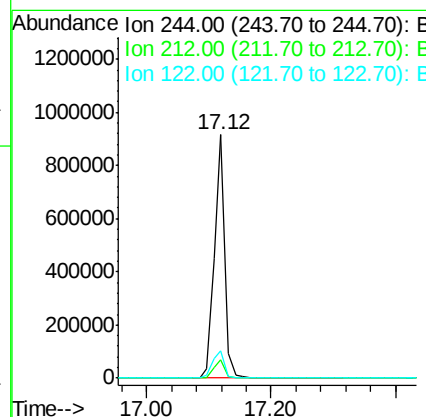
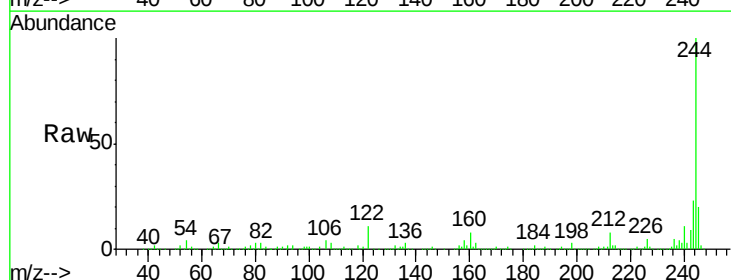
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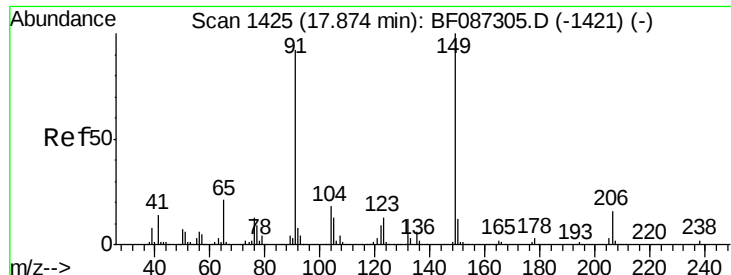
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#78
Terphenyl-d14
Concen: 76.95 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.2	12.0	18.0#





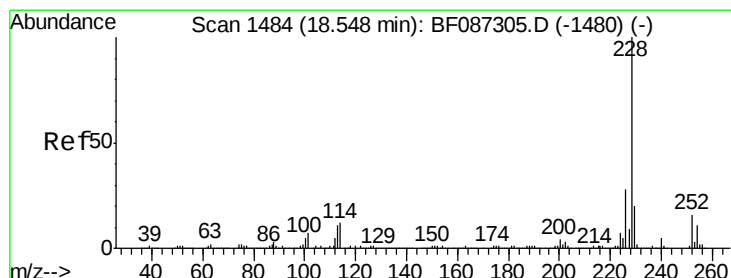
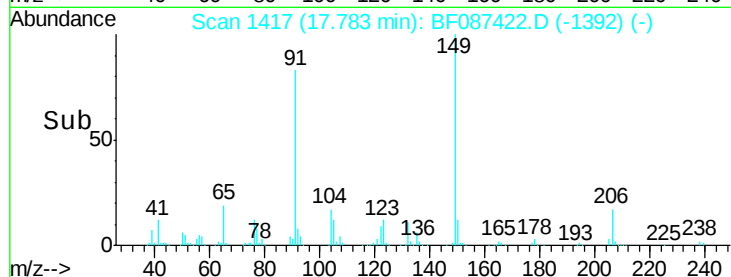
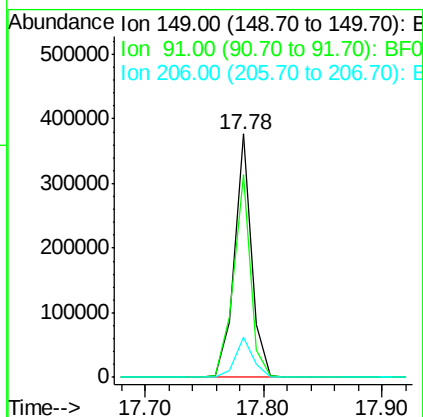
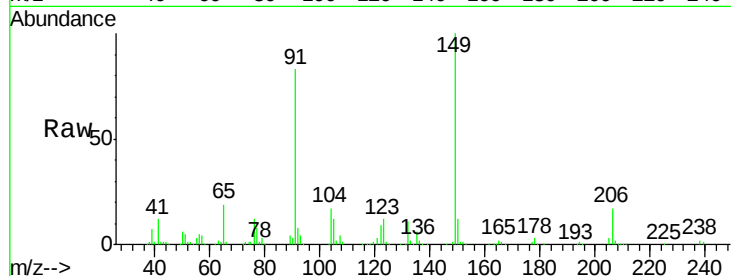
#79
Butylbenzylphthalate
Concen: 41.02 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleID :
PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377321		
91	83.1	48.0	72.0#	
206	16.6	15.8	23.6	

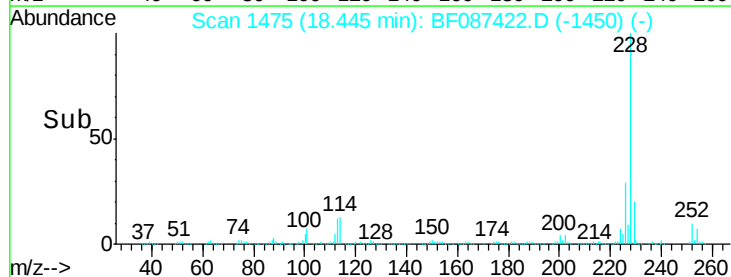
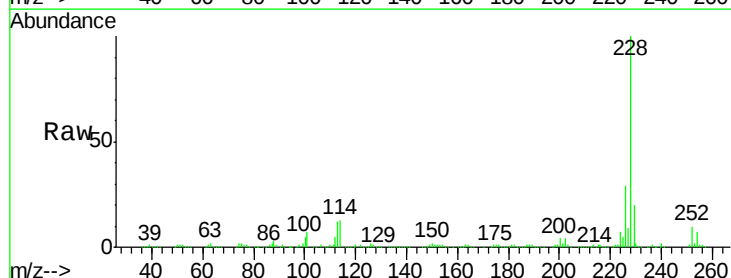
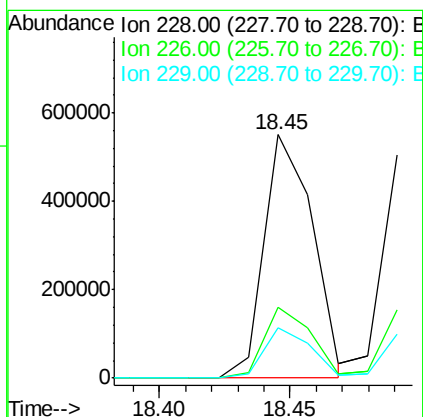
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#80
Benzo(a)anthracene
Concen: 43.66 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	715701		
226	29.0	22.5	33.7	
229	20.4	16.6	25.0	





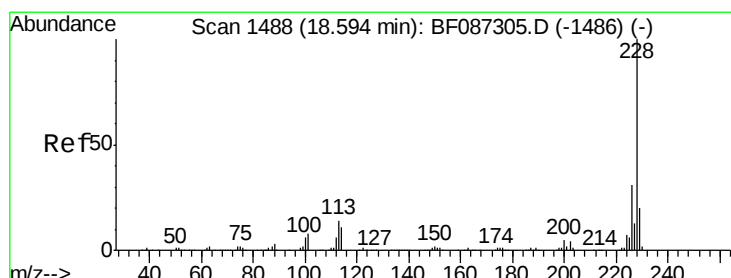
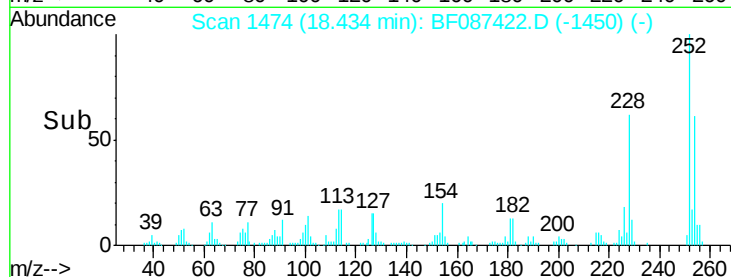
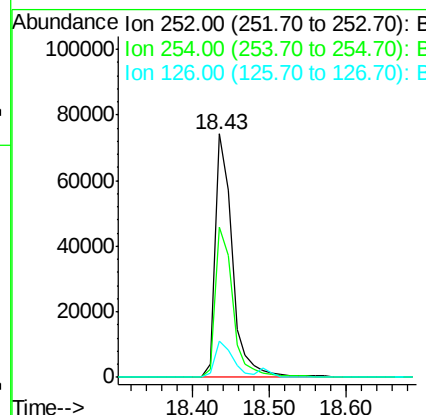
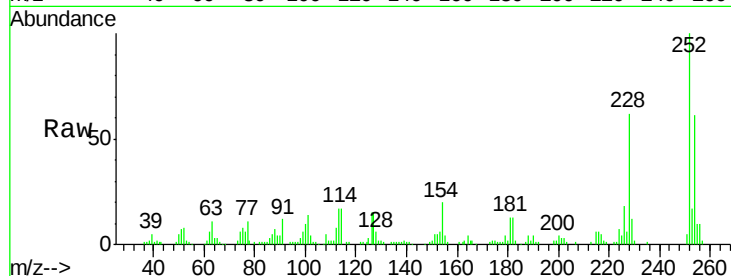
#81
 3,3'-Dichlorobenzidine
 Concen: 12.64 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	114473		
254	61.5	50.7	76.1	
126	15.0	12.7	19.1	

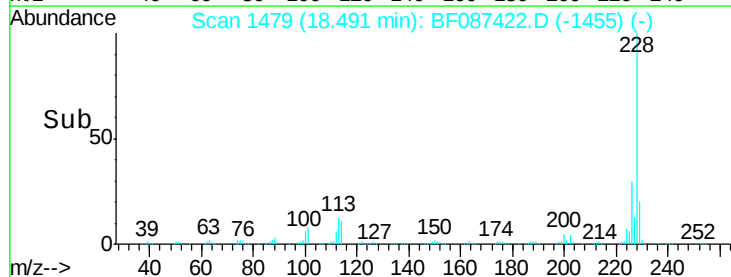
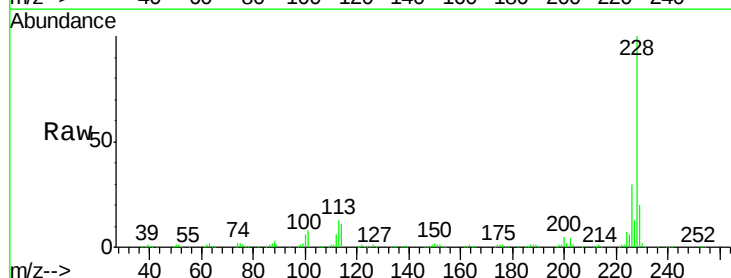
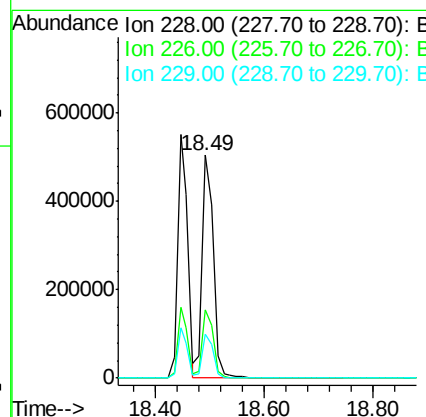
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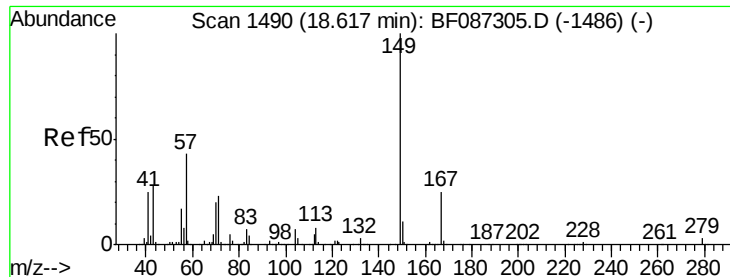
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#82
 Chrysene
 Concen: 43.40 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	706056		
226	30.4	24.4	36.6	
229	19.9	15.8	23.8	





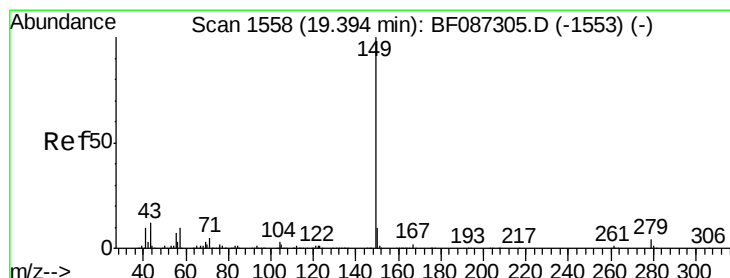
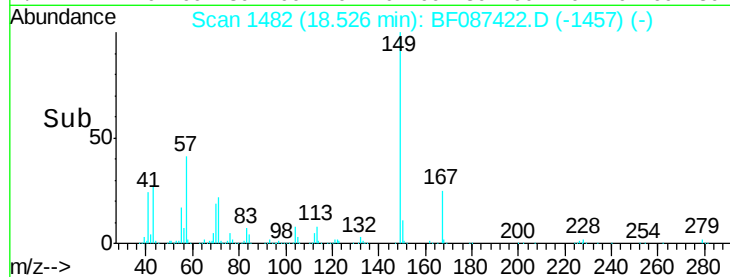
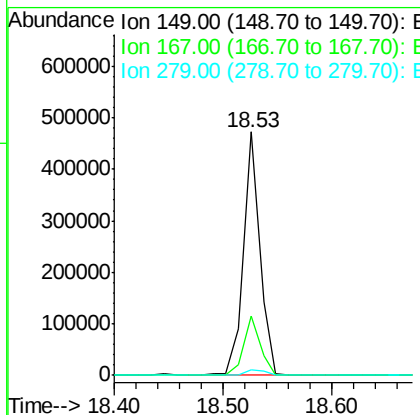
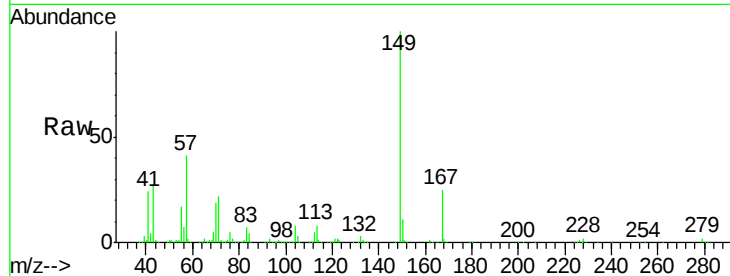
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.67 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492222		
167	24.6	21.8	32.6	
279	2.5	2.6	4.0	

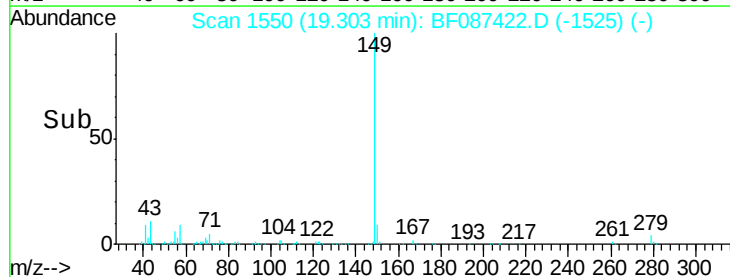
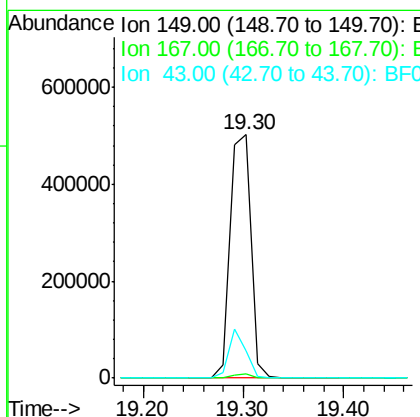
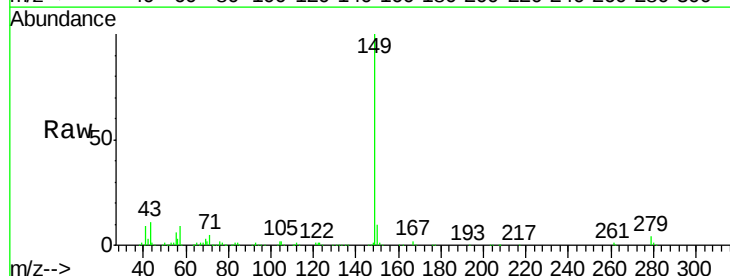
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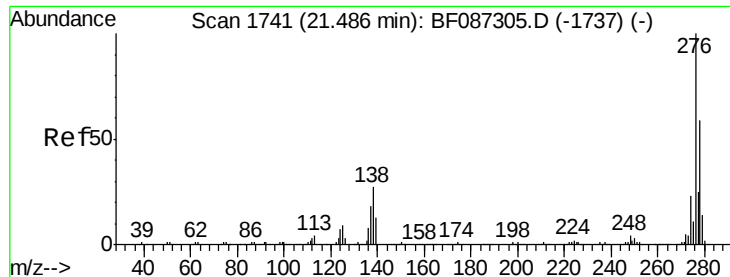
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#84
 Di-n-octyl phthalate
 Concen: 35.10 ng
 RT: 19.30 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	718512		
167	1.5	1.2	1.8	
43	16.3	8.2	12.4	





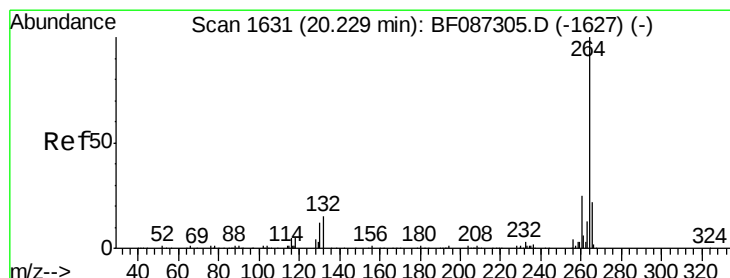
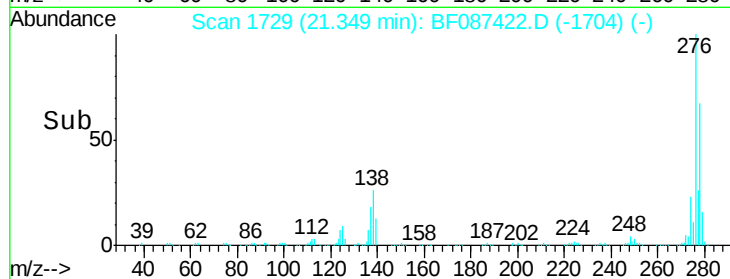
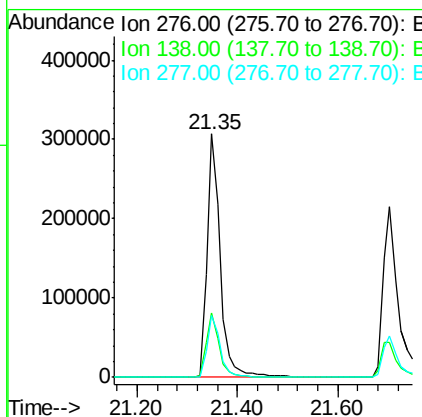
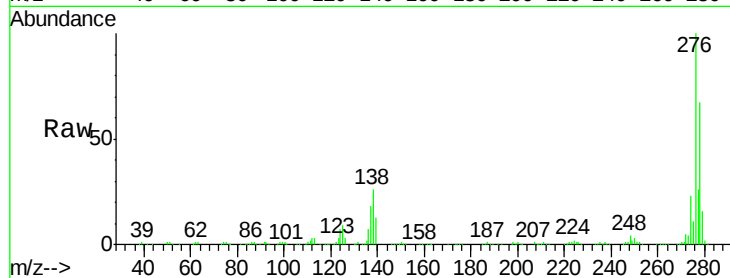
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.63 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	555922		
138	26.3		25.6	38.4
277	25.6		20.5	30.7

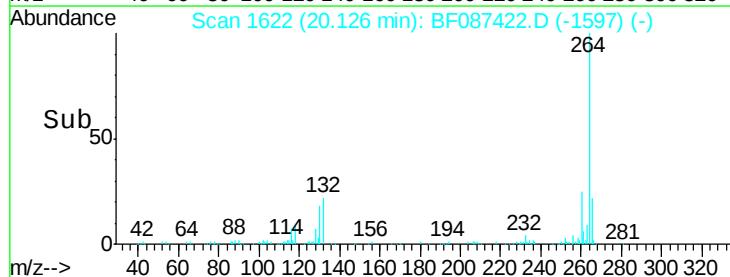
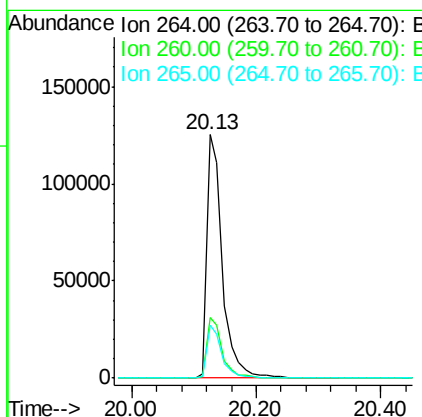
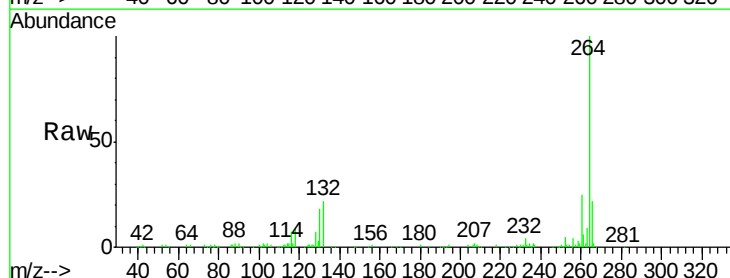
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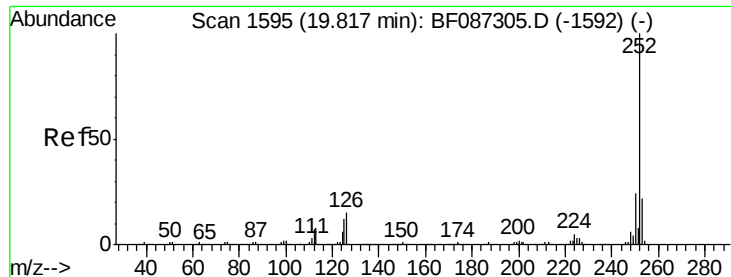
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	214309		
260	24.7		19.5	29.3
265	21.7		17.3	25.9





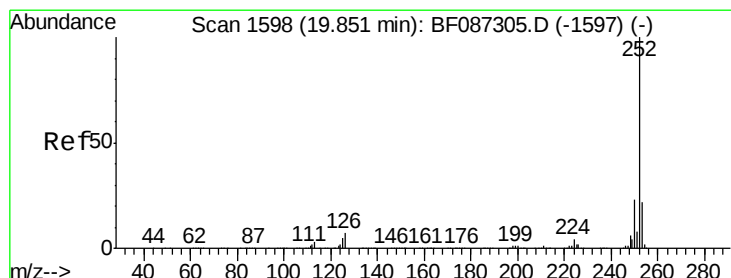
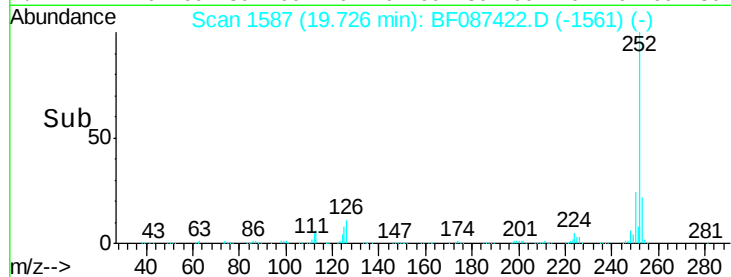
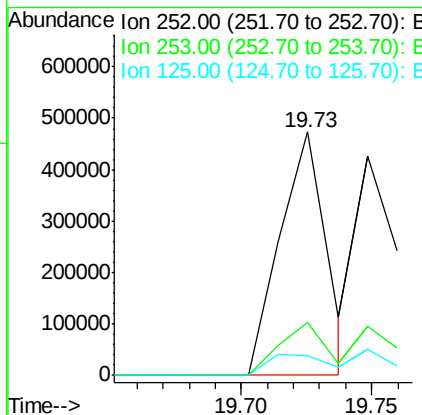
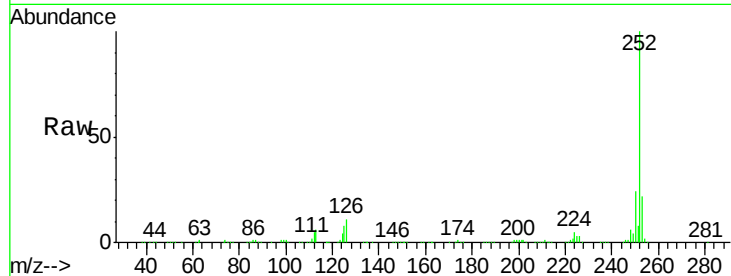
#87
Benzo(b)fluoranthene
Concen: 42.67 ng
RT: 19.73 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	11.4	17.0

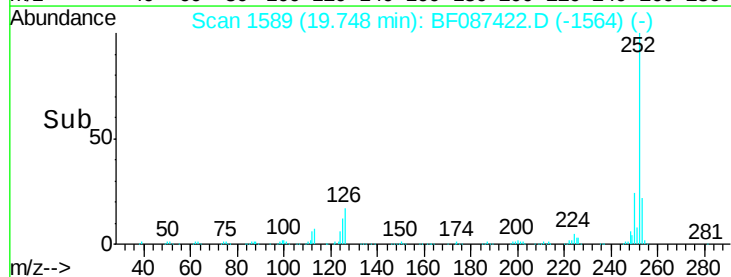
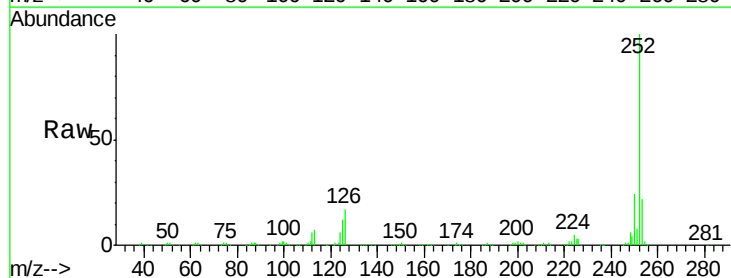
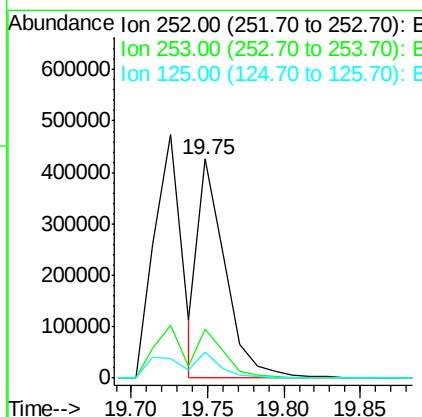
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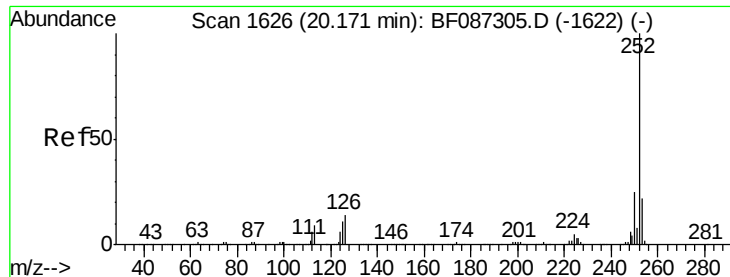
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#88
Benzo(k)fluoranthene
Concen: 45.91 ng m
RT: 19.75 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.7	9.1	13.7





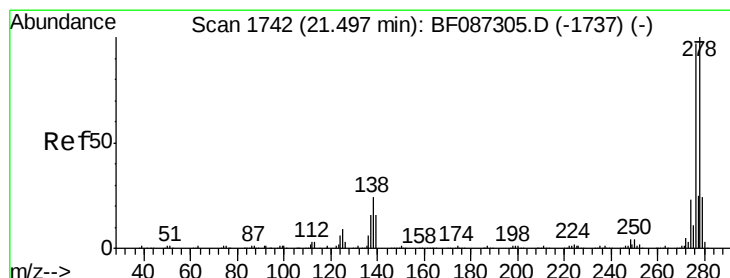
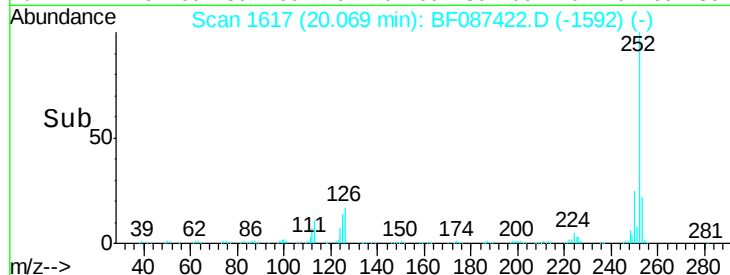
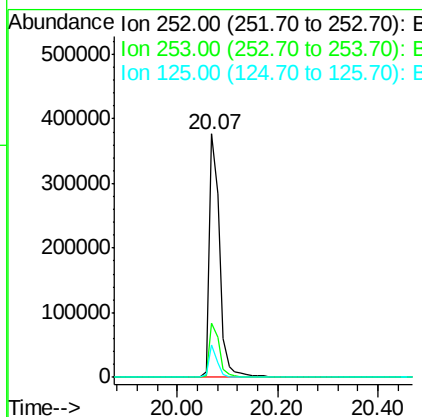
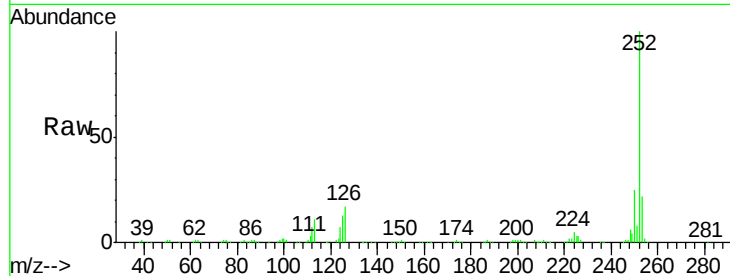
#89
Benzo(a)pyrene
Concen: 45.49 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.3	9.0	13.6

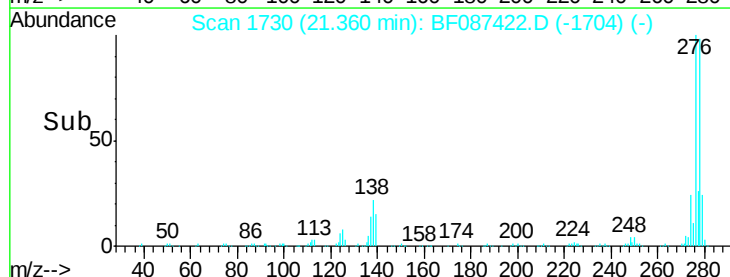
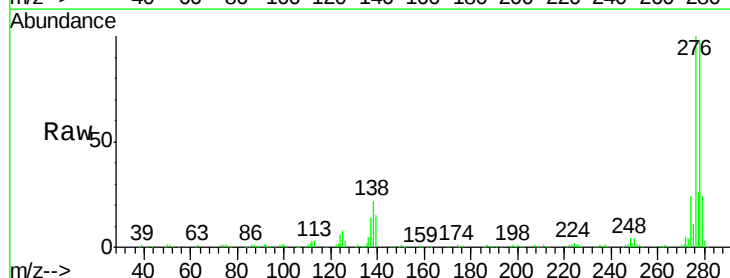
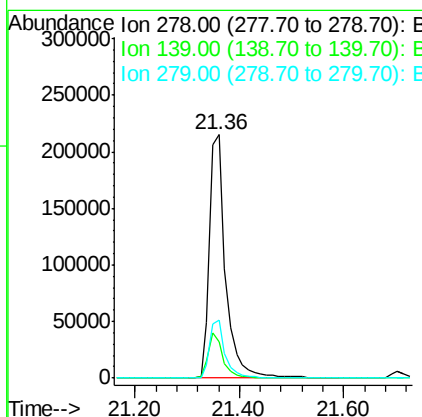
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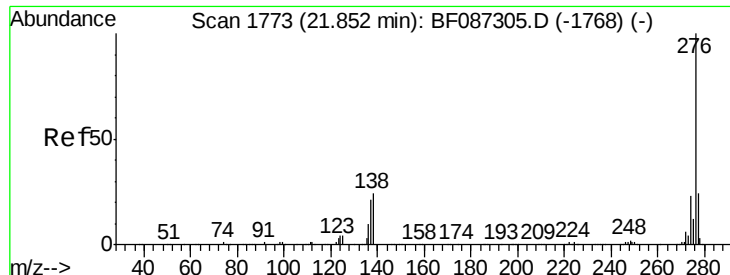
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#90
Dibenzo(a,h)anthracene
Concen: 46.03 ng
RT: 21.36 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BF087422.D
Acq: 26 May 2016 23:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	16.6	24.8#
279	24.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.01 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087422.D
 Acq: 26 May 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BS

Tot Ion:	276	Resp:	467040
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.6	29.4
138	20.8	23.6	35.4

Manual Integrations
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