

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087428.D
 Acq On : 27 May 2016 2:26
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 5/27/2016 7:38:09 PM

Quant Time: May 27 03:49:54 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	144957	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	599893	20.00	ng	-0.01
38) Acenaphthene-d10	12.37	164	284964	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	539350	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	399403	20.00	ng	-0.01
86) Perylene-d12	20.13	264	319811	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	739209	89.61	ng	-0.01
7) Phenol-d6	7.06	99	958309	85.97	ng	-0.01
23) Nitrobenzene-d5	8.43	82	982295	82.53	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	217614	79.47	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1534011	75.89	ng	-0.01
78) Terphenyl-d14	17.12	244	1450198	77.19	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	164560	37.80	ng	# 74
3) Pyridine	2.39	79	416220	43.74	ng	# 63
4) n-Nitrosodimethylamine	2.38	42	313232	42.72	ng	# 48
6) Aniline	7.02	93	594504	41.23	ng	92
8) 2-Chlorophenol	7.19	128	425562	41.37	ng	89
9) Benzaldehyde	6.82	77	226826	36.86	ng	97
10) Phenol	7.08	94	527003	43.30	ng	81
11) bis(2-Chloroethyl)ether	7.15	93	403963	41.00	ng	86
12) 1,3-Dichlorobenzene	7.40	146	444917	39.65	ng	# 93
13) 1,4-Dichlorobenzene	7.53	146	461577m	40.07	ng	
14) 1,2-Dichlorobenzene	7.77	146	433491	40.68	ng	99
15) Benzyl Alcohol	7.82	79	345224	42.48	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.00	45	851565	38.41	ng	87
17) 2-Methylphenol	8.02	107	340223	41.27	ng	# 85
18) Hexachloroethane	8.28	117	173303	40.33	ng	94
19) n-Nitroso-di-n-propylamine	8.24	70	343503	41.32	ng	# 72
20) 3+4-Methylphenols	8.28	107	434438	43.59	ng	# 60
22) Acetophenone	8.20	105	597625	41.70	ng	# 97
24) Nitrobenzene	8.46	77	510857	40.66	ng	96
25) Isophorone	8.86	82	863468	40.45	ng	99
26) 2-Nitrophenol	8.96	139	223233	43.46	ng	# 62
27) 2,4-Dimethylphenol	9.11	122	362995	40.71	ng	87
28) bis(2-Chloroethoxy)methane	9.23	93	468022	38.92	ng	98
29) 2,4-Dichlorophenol	9.38	162	337660	42.02	ng	99
30) 1,2,4-Trichlorobenzene	9.46	180	366265	39.82	ng	95
31) Naphthalene	9.58	128	1210297	40.26	ng	99
32) Benzoic acid	9.45	122	163527	37.12	ng	# 79
33) 4-Chloroaniline	9.72	127	452572	40.88	ng	# 94
34) Hexachlorobutadiene	9.78	225	217568	38.91	ng	99
35) Caprolactam	10.38	113	106705m	45.50	ng	
36) 4-Chloro-3-methylphenol	10.59	107	400548	44.09	ng	93
37) 2-Methylnaphthalene	10.70	142	751177m	40.00	ng	
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	342887	37.59	ng	98
40) Hexachlorocyclopentadiene	10.95	237	100780	33.13	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	208044	39.51	nq	96
43) 2,4,5-Trichlorophenol	11.28	196	213802	39.87	nq #	87
45) 1,1'-Biphenyl	11.47	154	935709	39.00	nq	97
46) 2-Chloronaphthalene	11.48	162	707947	38.57	nq	93
47) 2-Nitroaniline	11.70	65	284449	43.01	nq #	74
48) Acenaphthylene	12.14	152	1150448	39.59	nq	99
49) Dimethylphthalate	12.03	163	895011	39.21	nq	99
50) 2,6-Dinitrotoluene	12.12	165	196292	42.68	nq #	89
51) Acenaphthene	12.42	154	698442	39.10	nq	99
52) 3-Nitroaniline	12.39	138	200763	42.53	nq	82
53) 2,4-Dinitrophenol	12.59	184	93659	43.08	nq #	84
54) Dibenzofuran	12.71	168	936561	38.73	nq	94
55) 4-Nitrophenol	12.79	139	87352	38.79	nq #	39
56) 2,4-Dinitrotoluene	12.78	165	255917	41.63	nq #	89
57) Fluorene	13.27	166	836698	39.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	161950	39.26	nq	97
59) Diethylphthalate	13.18	149	863472	38.91	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	381884	37.34	nq	96
61) 4-Nitroaniline	13.39	138	184460	41.87	nq #	63
62) Azobenzene	13.54	77	950245	41.27	nq	84
64) 4,6-Dinitro-2-methylphenol	13.45	198	147048	42.88	nq #	83
65) n-Nitrosodiphenylamine	13.51	169	677267	38.83	nq	99
66) 4-Bromophenyl-phenylether	14.08	248	226241	38.34	nq	90
67) Hexachlorobenzene	14.15	284	238386	38.63	nq #	79
68) Atrazine	14.42	200	170449	30.66	nq	94
69) Pentachlorophenol	14.51	266	65784	37.83	nq	96
70) Phenanthrene	14.81	178	1173569	39.28	nq	99
71) Anthracene	14.89	178	1180353	39.11	nq	100
72) Carbazole	15.19	167	1070635	41.59	nq	99
73) Di-n-butylphthalate	15.76	149	1237586	37.18	nq #	98
74) Fluoranthene	16.57	202	1212413	40.47	nq	92
76) Benzidine	16.80	184	417576	40.63	nq	97
77) Pyrene	16.87	202	1190436	41.41	nq	99
79) Butylbenzylphthalate	17.78	149	484376	37.99	nq #	71
80) Benzo(a)anthracene	18.46	228	906803	39.91	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	520547	41.48	nq #	97
82) Chrysene	18.50	228	880249	39.04	nq	99
83) Bis(2-ethylhexyl)phthalate	18.53	149	627523	33.73	nq #	95
84) Di-n-octyl phthalate	19.30	149	914036	32.22	nq #	85
85) Indeno(1,2,3-cd)pyrene	21.36	276	831092	45.98	nq	94
87) Benzo(b)fluoranthene	19.73	252	720840m	35.38	nq	
88) Benzo(k)fluoranthene	19.75	252	740327m	42.22	nq	
89) Benzo(a)pyrene	20.08	252	704048	39.96	nq #	96
90) Dibenzo(a,h)anthracene	21.36	278	688539	45.82	nq #	95
91) Benzo(g,h,i)perylene	21.70	276	697572	47.05	nq #	93

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

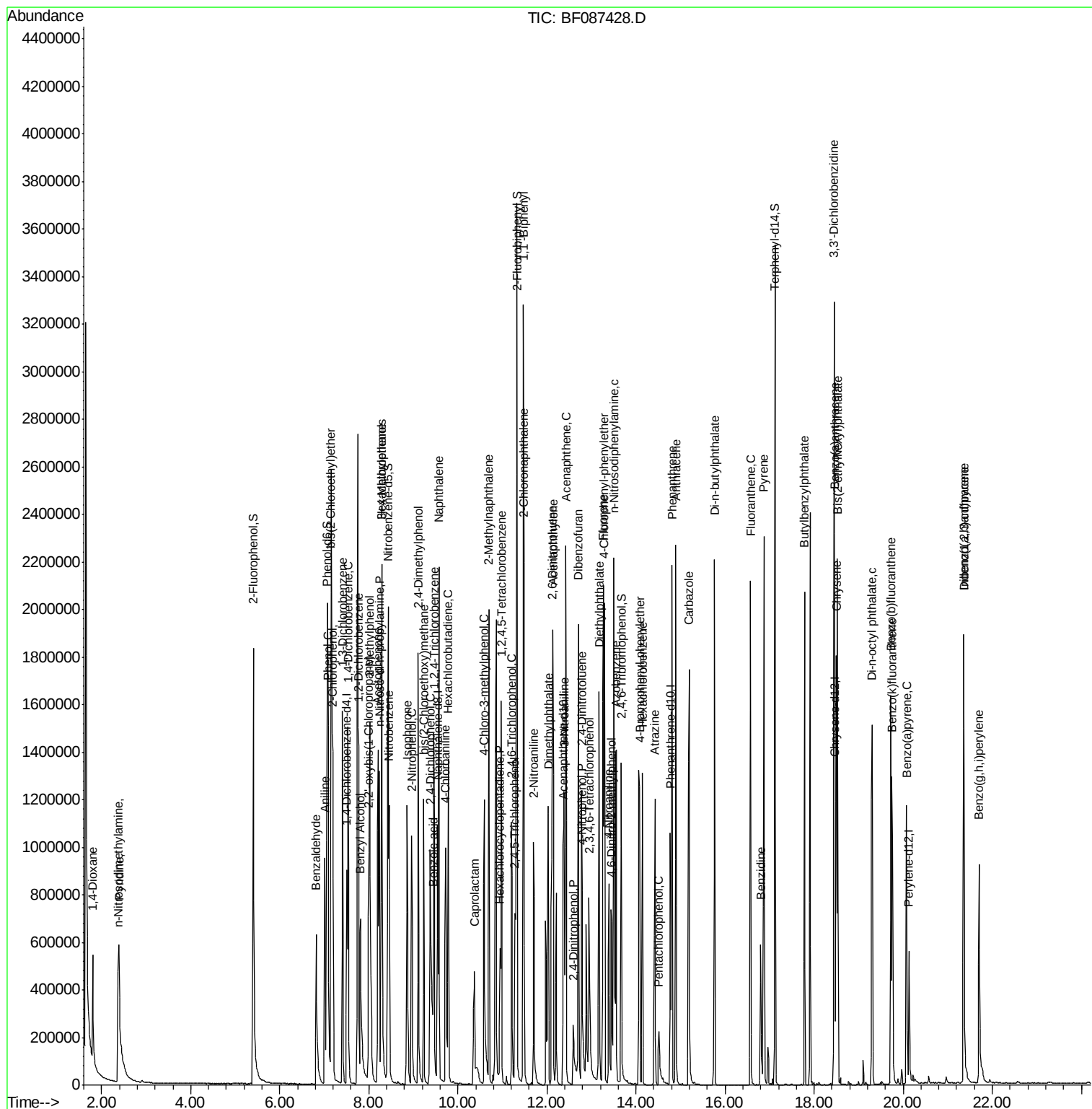
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

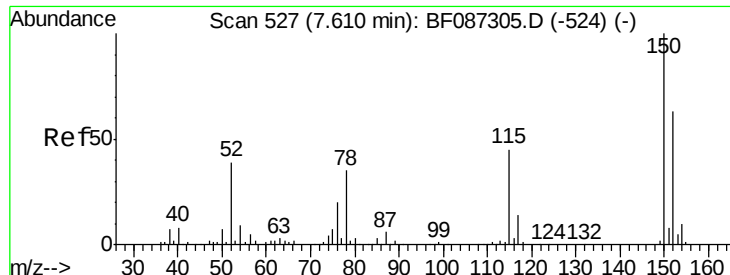
Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

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#1

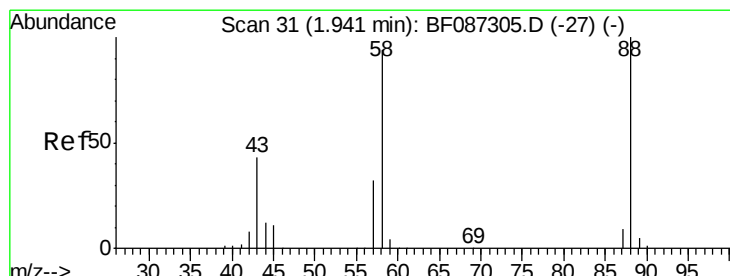
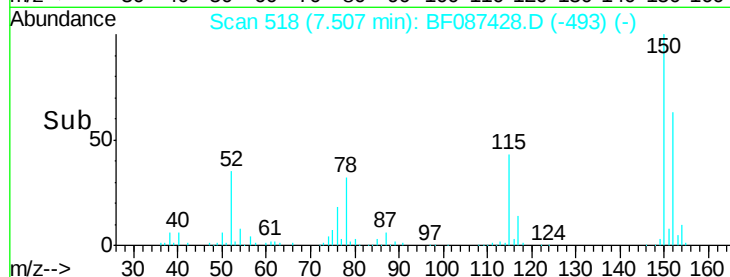
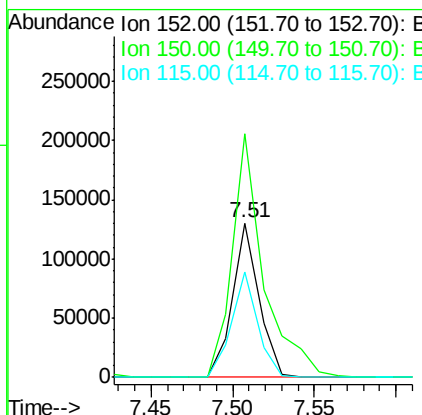
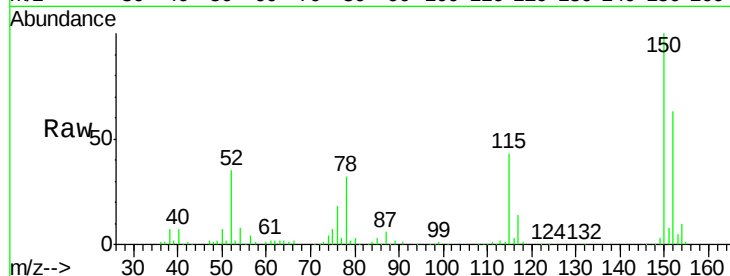
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.8	188.6
115	68.0	51.5	77.3

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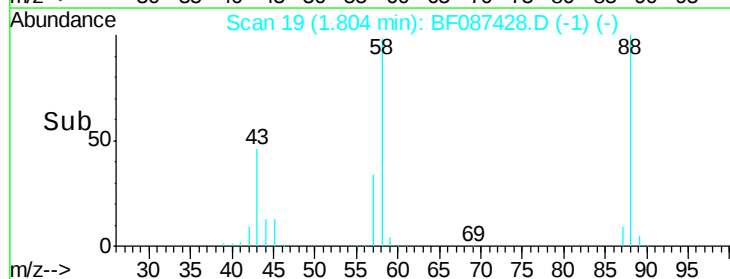
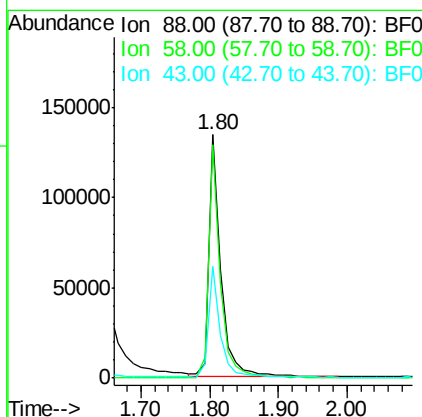
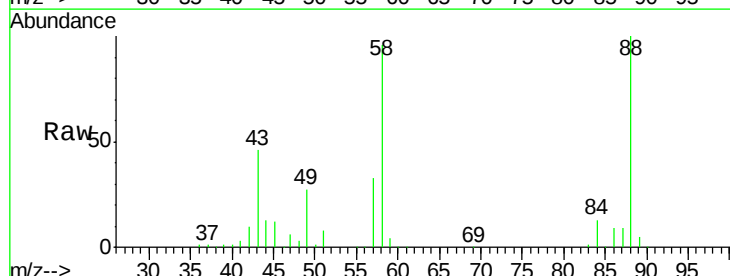
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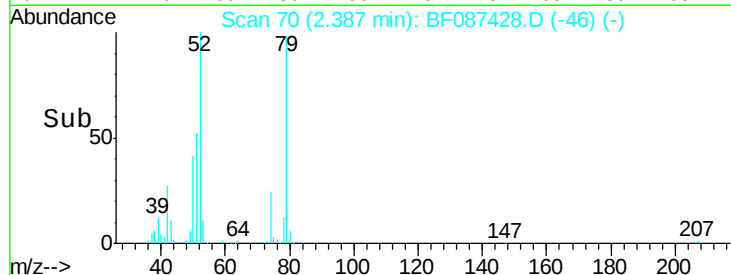
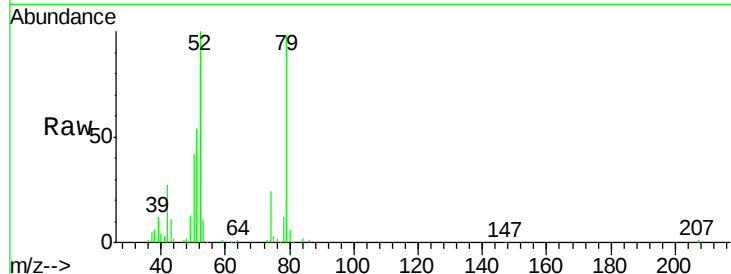
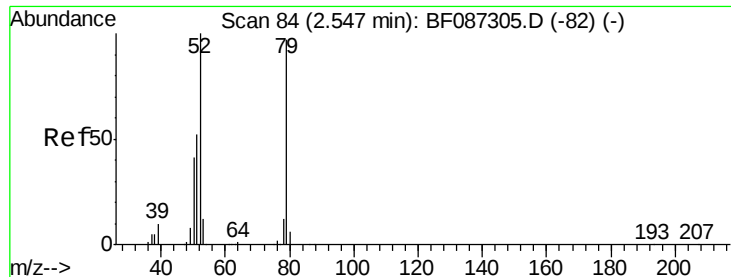


#2

1,4-Dioxane
Concen: 37.80 ng
RT: 1.80 min Scan# 19
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	59.6	89.4#
43	45.6	21.8	32.6#





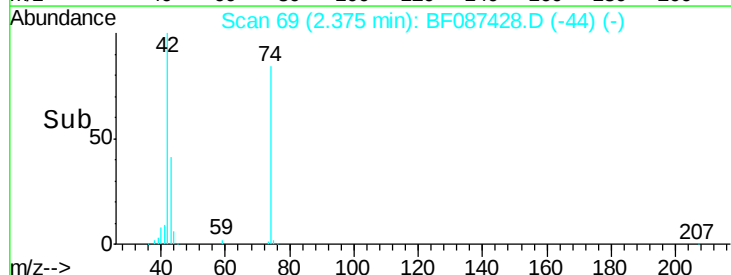
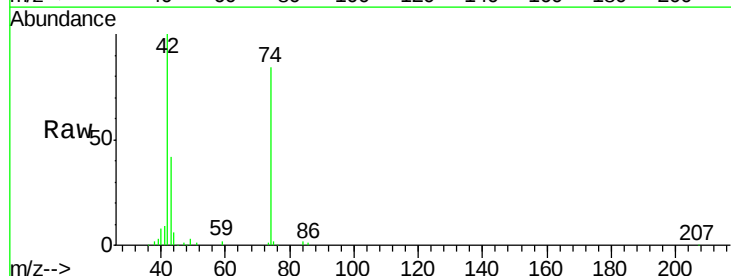
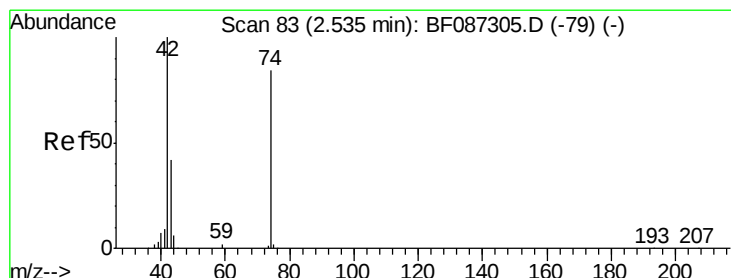
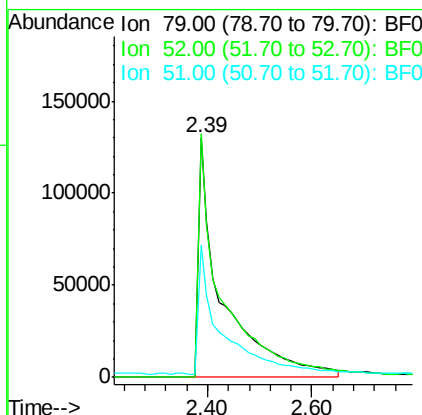
#3
Pvridine
Concen: 43.74 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.7	55.9	83.9#		
51	55.2	28.1	42.1#		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

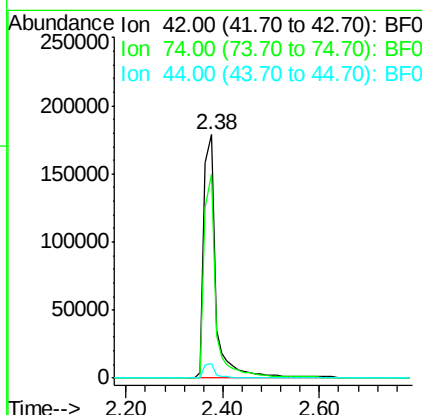
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#4
n-Nitrosodimethylamine
Concen: 42.72 ng
RT: 2.38 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	83.5	123.4	185.0#		
44	6.1	5.8	8.6		





#5

2-Fluorophenol

Concen: 89.61 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

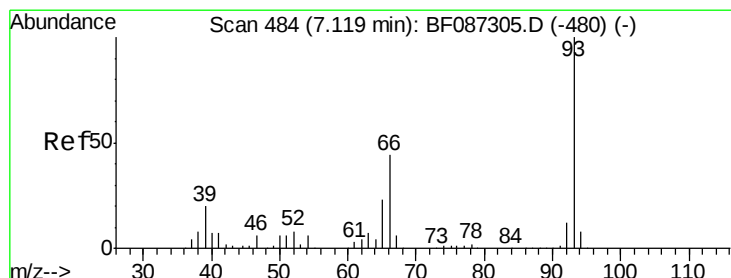
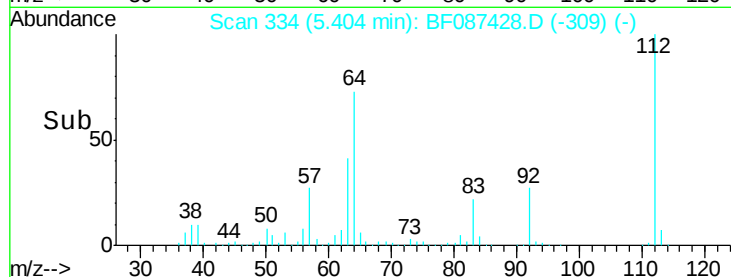
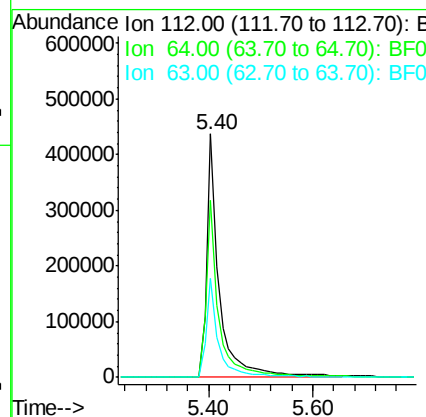
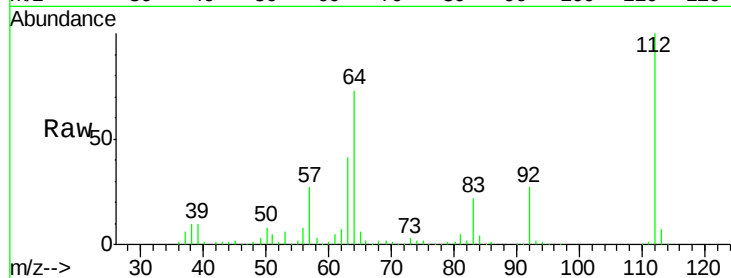
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	739209
Ion Ratio	Lower	Upper	
112	100		
64	72.5	52.1	78.1
63	40.5	25.7	38.5

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#6

Aniline

Concen: 41.23 ng

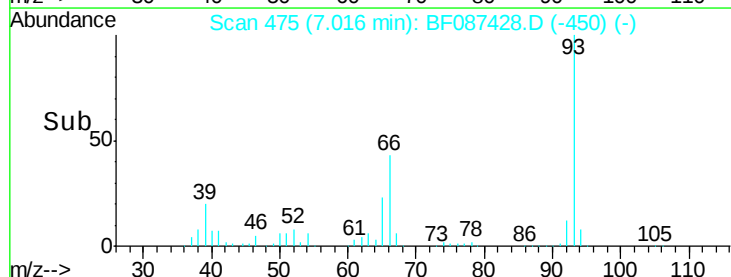
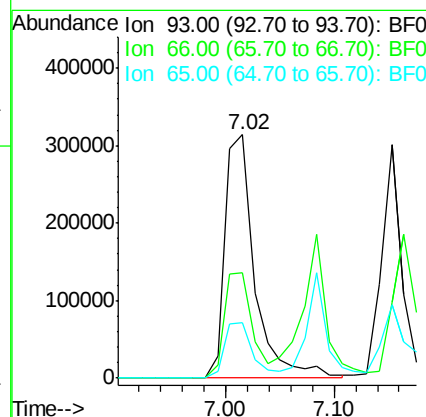
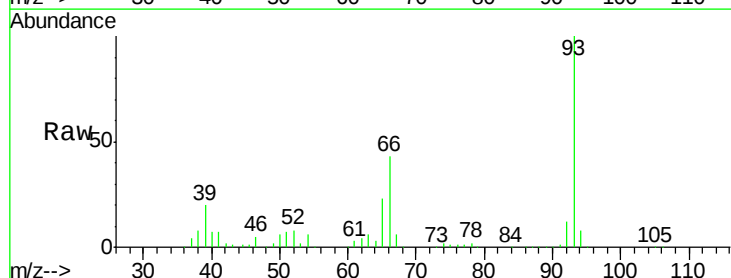
RT: 7.02 min Scan# 475

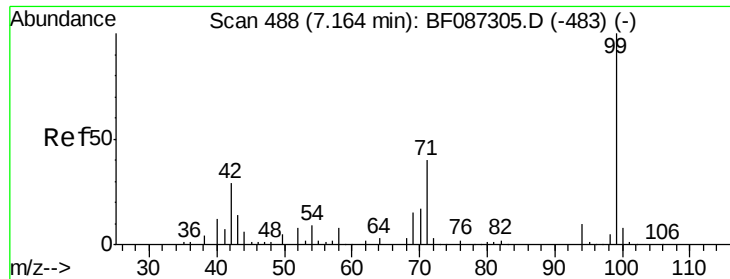
Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:	93	Resp:	594504
Ion Ratio	Lower	Upper	
93	100		
66	43.0	39.0	58.6
65	22.6	20.6	31.0





#7

Phenol-d6

Concen: 85.97 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

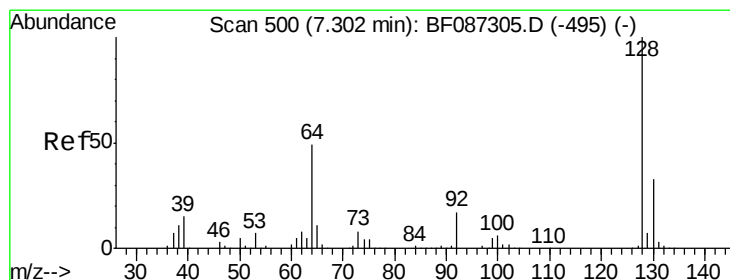
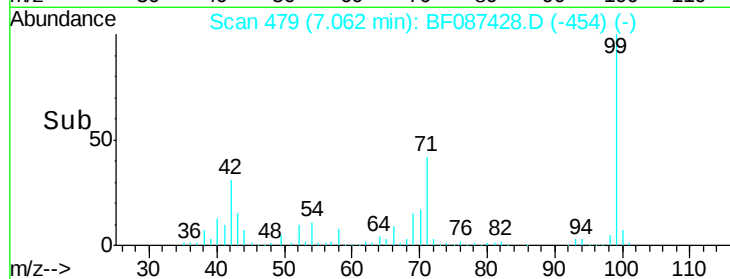
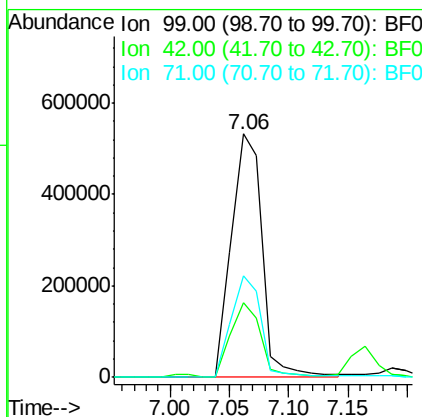
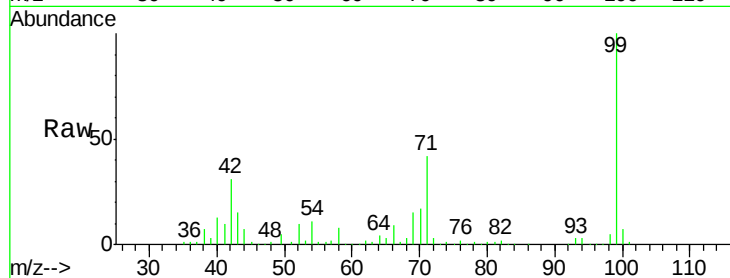
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	958309
Ion Ratio	Lower	Upper	
99	100		
42	30.8	13.6	20.4#
71	41.6	24.6	36.8#

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#8

2-Chlorophenol

Concen: 41.37 ng

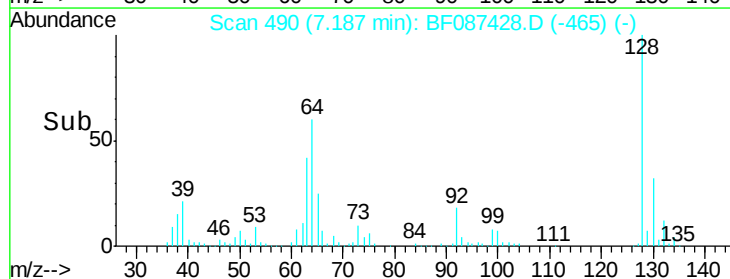
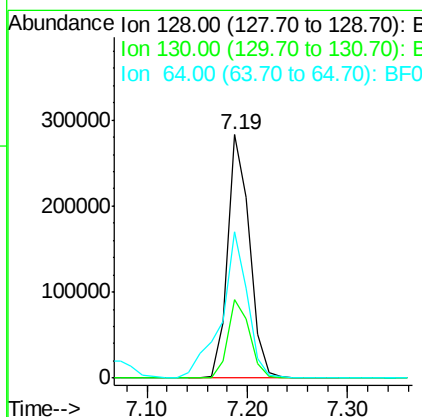
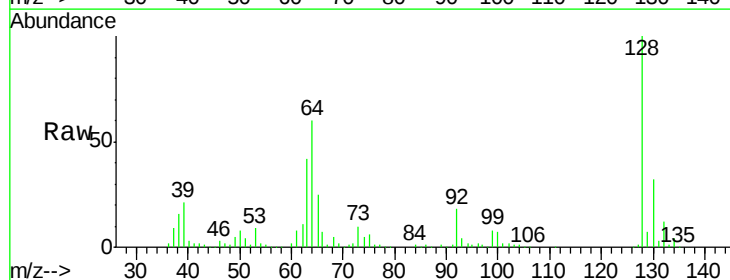
RT: 7.19 min Scan# 490

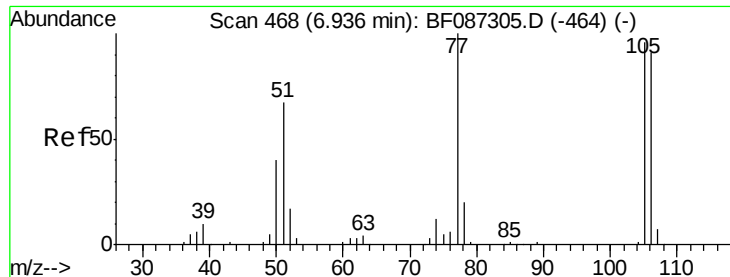
Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:	128	Resp:	425562
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	60.0	27.3	67.3





#9

Benzaldehyde

Concen: 36.86 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 226826

Ion Ratio Lower Upper

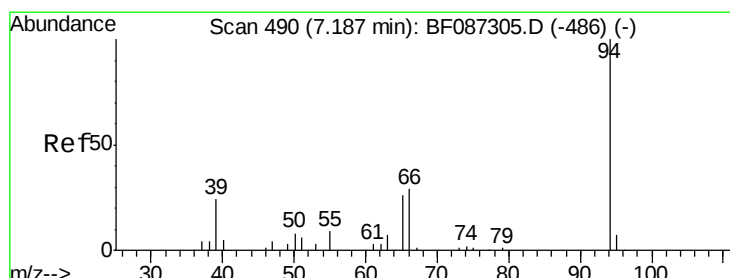
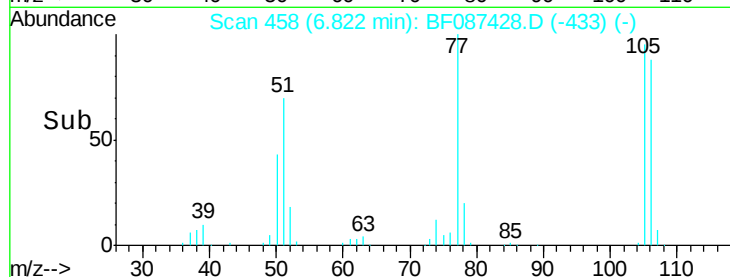
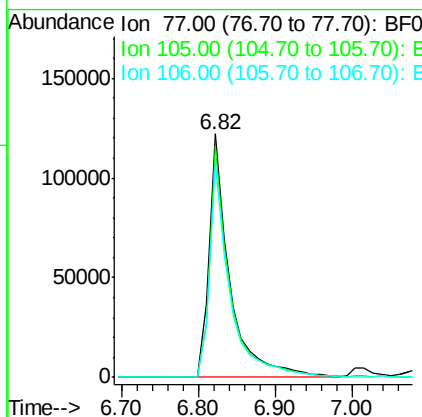
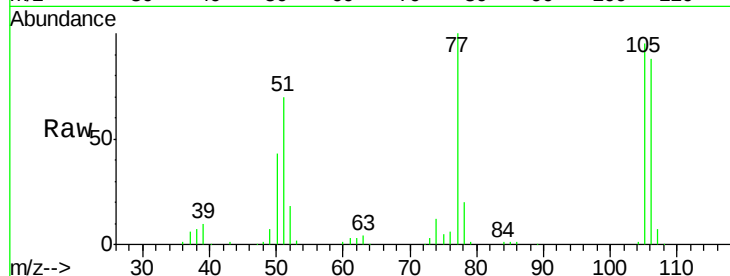
77 100

105 94.6 72.7 112.7

106 87.7 70.8 110.8

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#10

Phenol

Concen: 43.30 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

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Acq: 27 May 2016 2:26

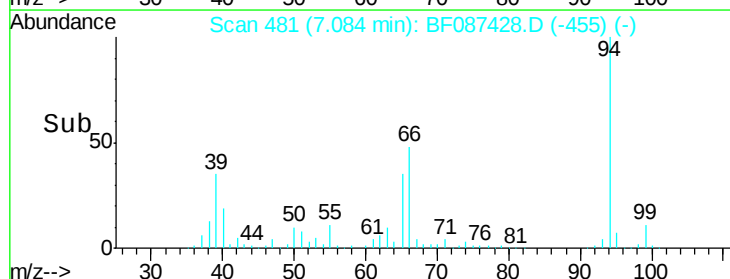
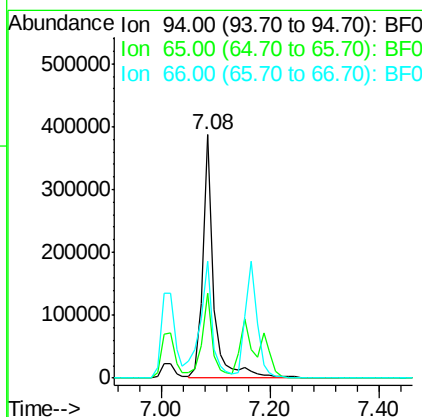
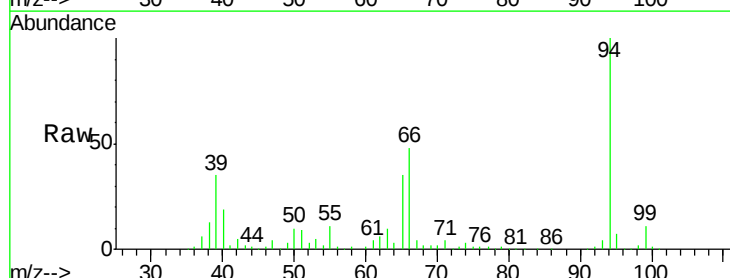
Tgt Ion: 94 Resp: 527003

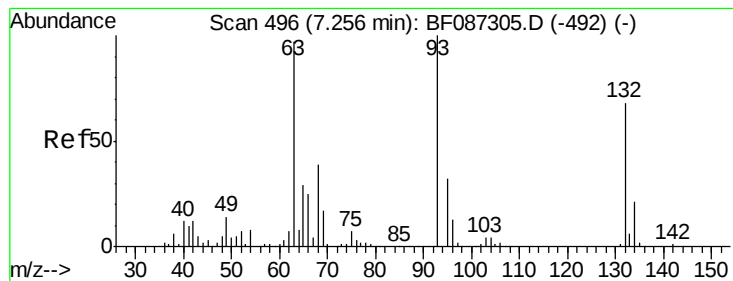
Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

66 47.9 14.9 54.9





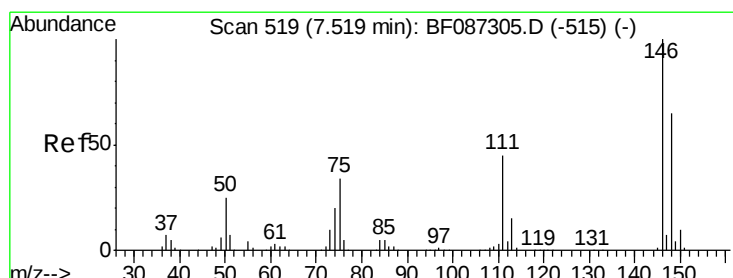
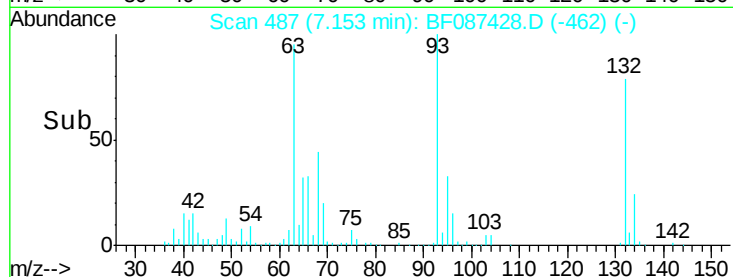
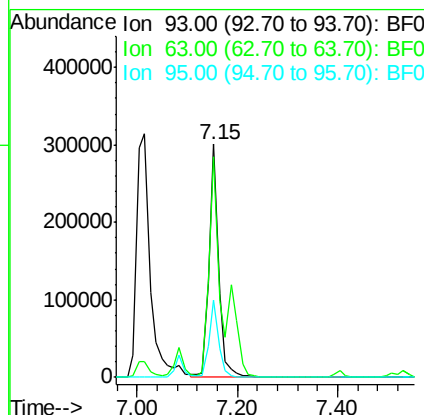
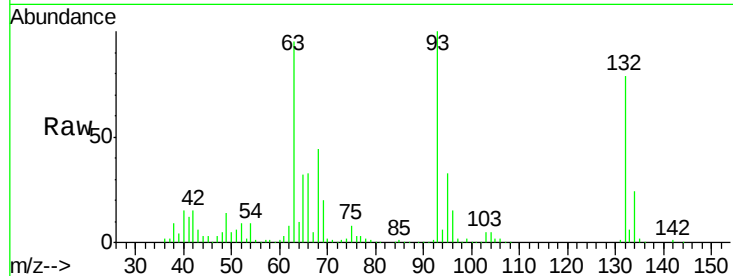
#11
 bis(2-Chloroethyl)ether
 Concen: 41.00 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	94.7	58.0	98.0	
95	32.9	11.9	51.9	

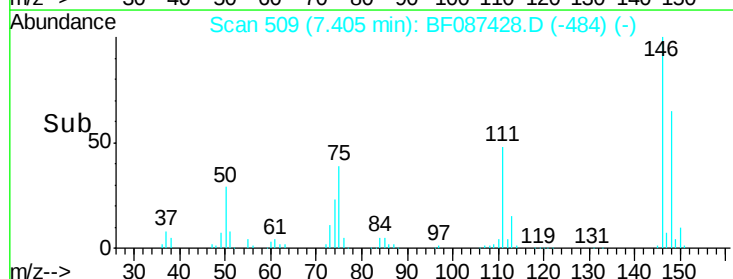
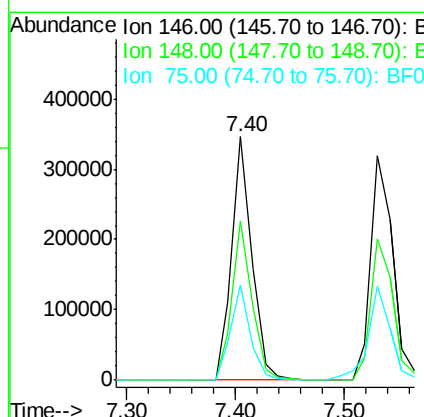
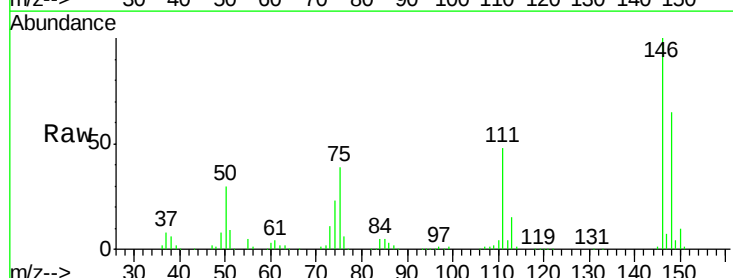
Manual Integrations
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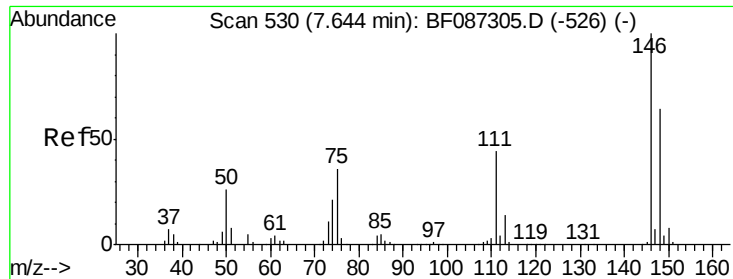
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#12
 1,3-Dichlorobenzene
 Concen: 39.65 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.1	52.4	78.6	
75	39.3	22.8	34.2	





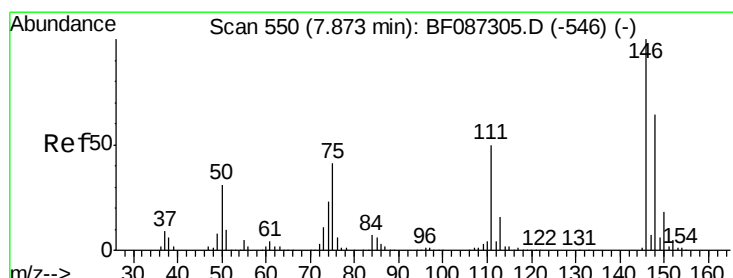
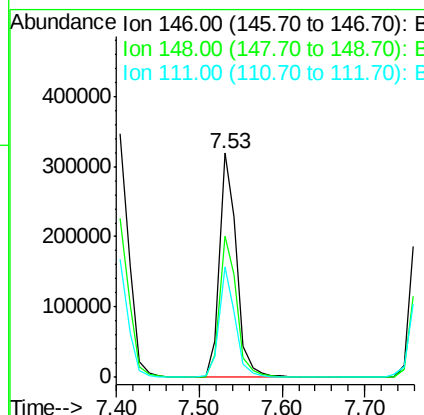
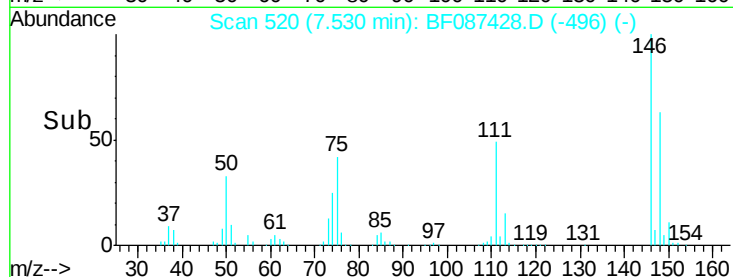
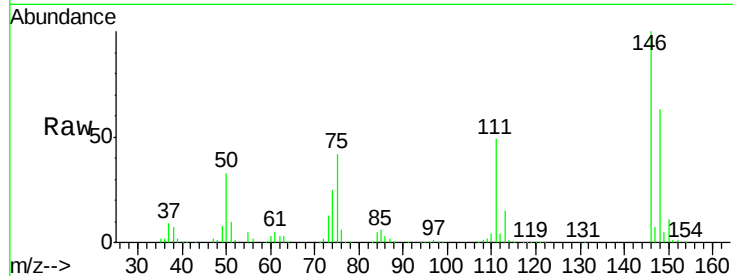
#13
 1,4-Dichlorobenzene
 Concen: 40.07 ng/mL
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	49.2	30.7	46.1

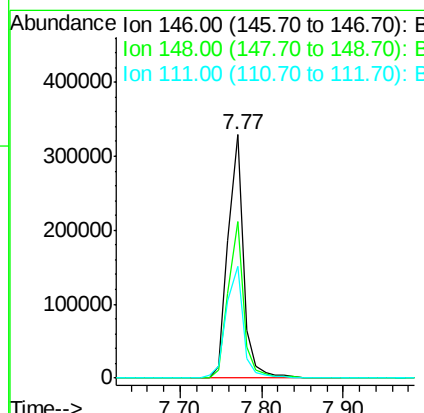
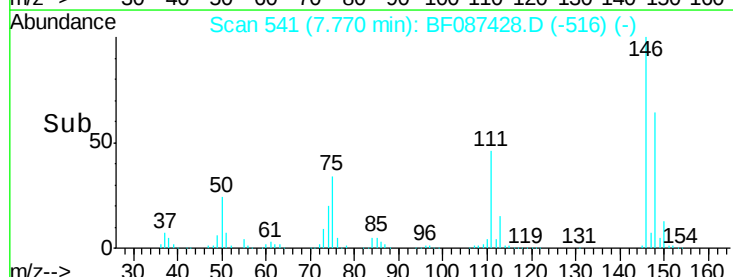
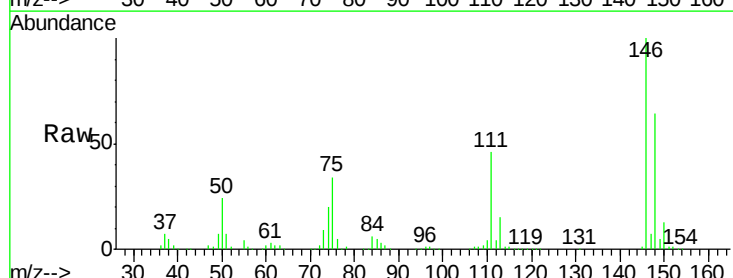
Manual Integrations
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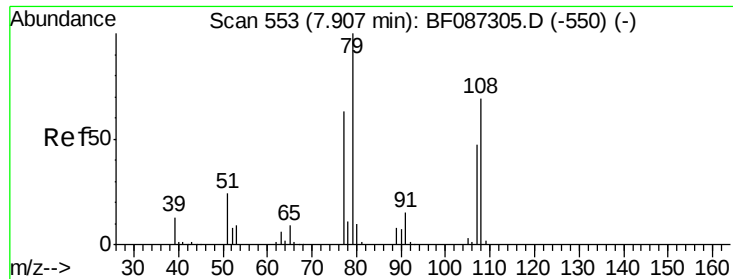
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#14
 1,2-Dichlorobenzene
 Concen: 40.68 ng/mL
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	45.7	36.2	54.4





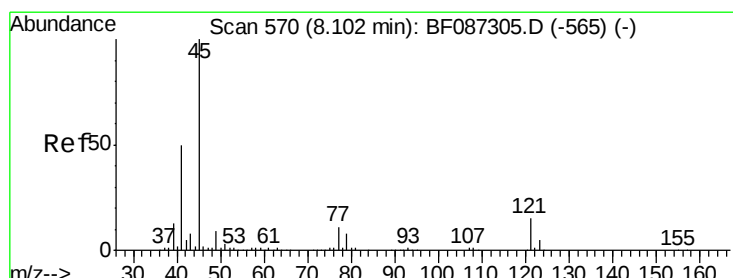
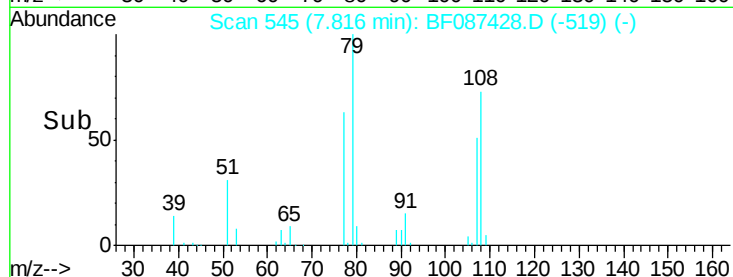
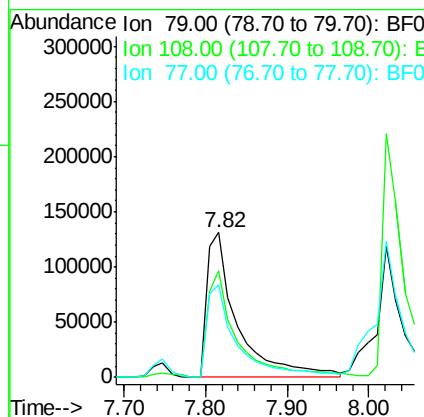
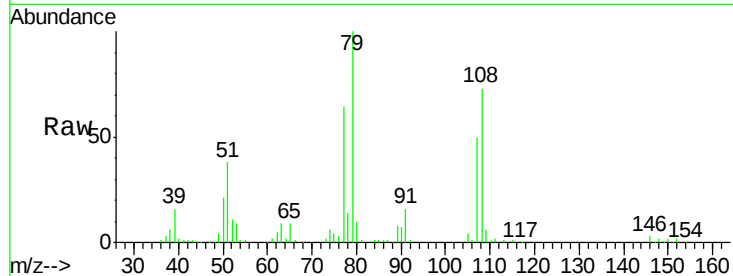
#15
Benzyl Alcohol
Concen: 42.48 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	68.4	102.6
77	64.2	50.6	76.0

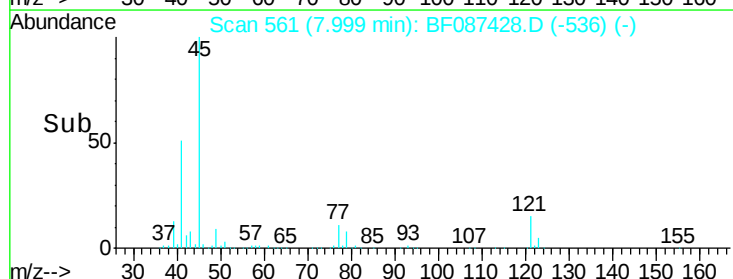
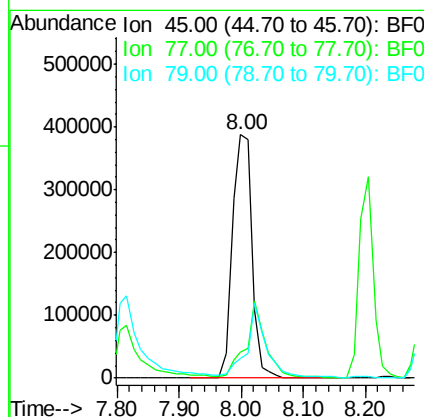
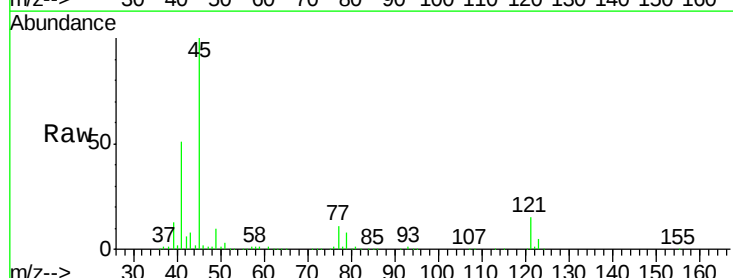
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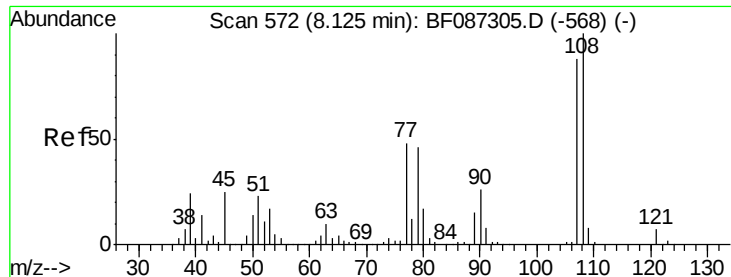
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.41 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	36.4
79	8.3	0.0	33.4





#17

2-Methylphenol

Concen: 41.27 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

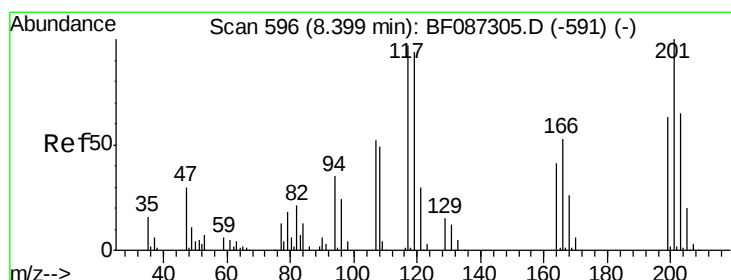
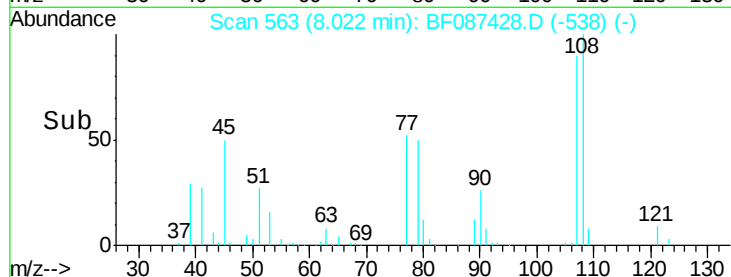
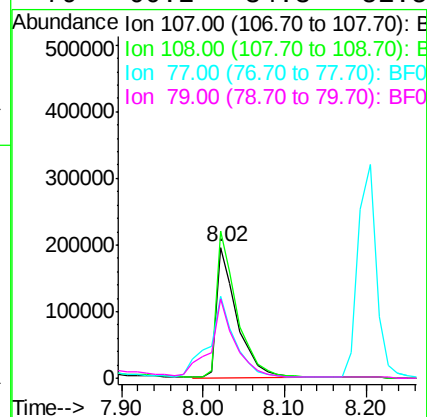
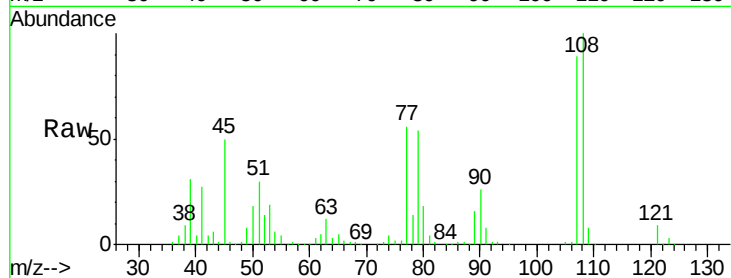
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	340223
Ion Ratio	Lower	Upper	
107	100		
108	112.4	93.7	140.5
77	62.8	33.4	50.0#
79	60.2	34.3	51.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 40.33 ng

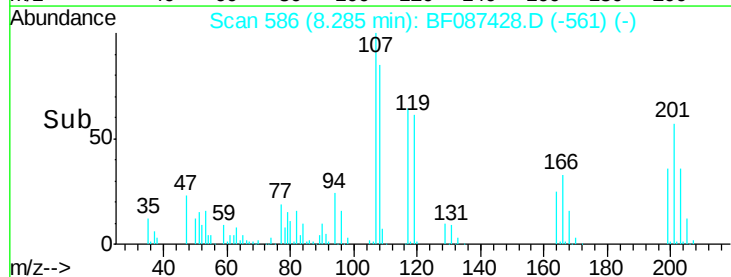
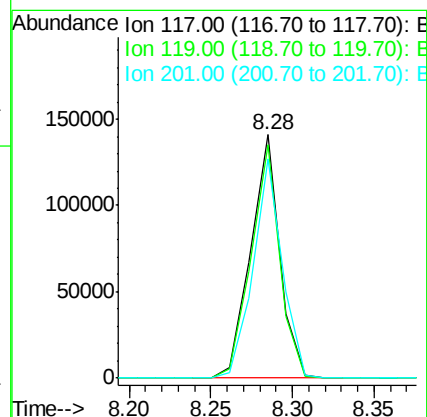
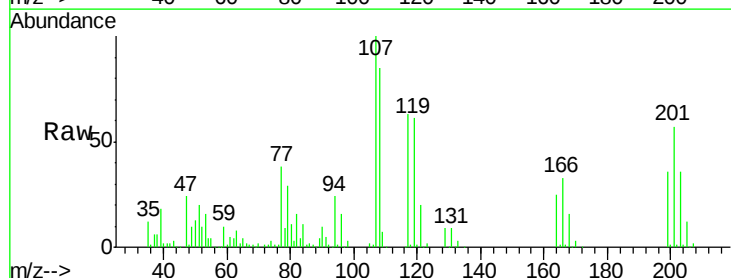
RT: 8.28 min Scan# 586

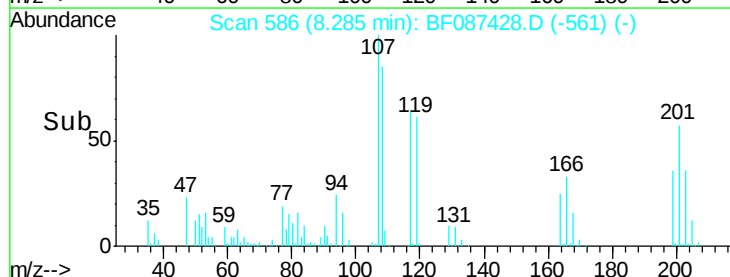
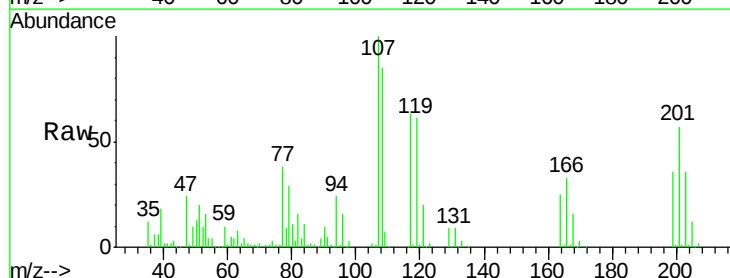
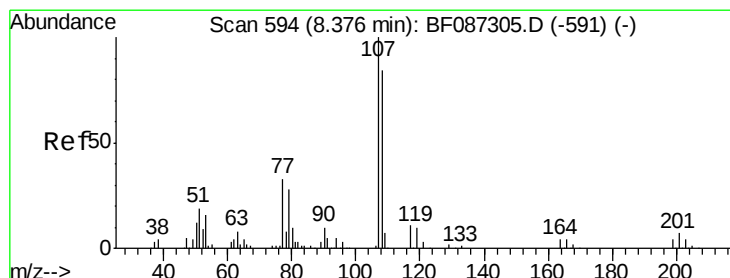
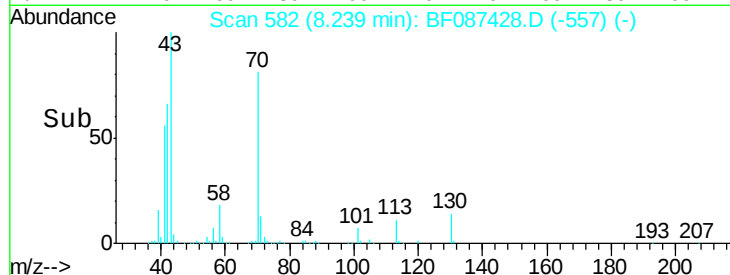
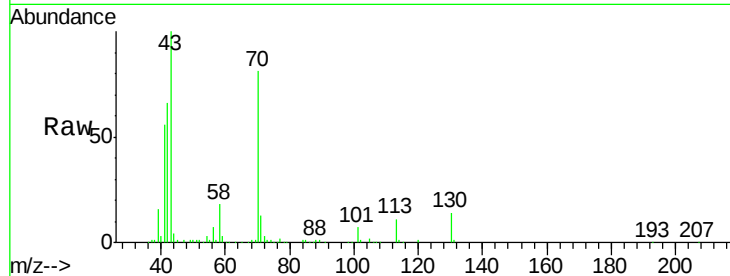
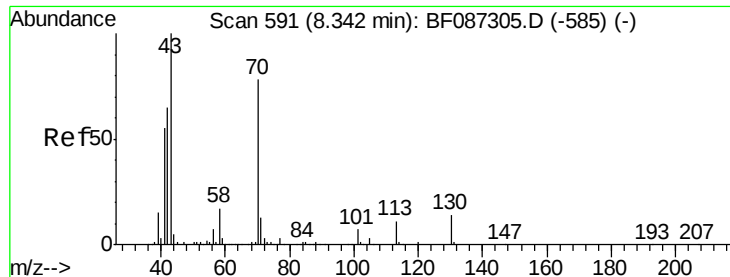
Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:	117	Resp:	173303
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.5	114.7
201	89.9	63.0	94.6





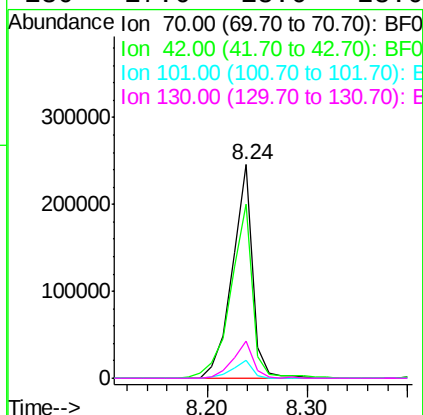
#19
n-Nitroso-di-n-propylamine
Concen: 41.32 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp Lower	Upper
70	100			
42	81.6	43.1	64.7#	
101	8.7	8.1	12.1	
130	17.6	18.6	28.0#	

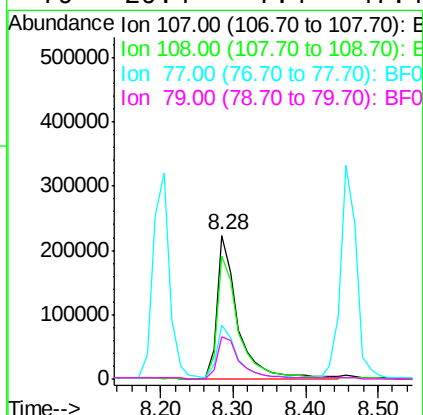
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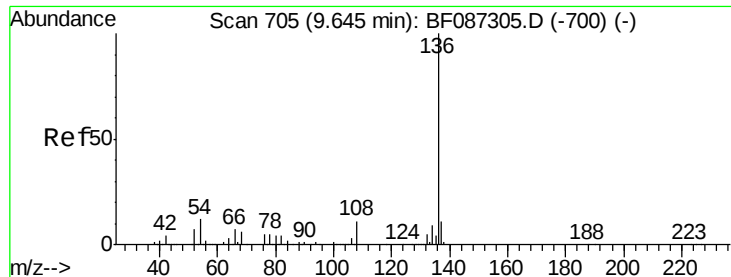
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#20
3+4-Methylphenols
Concen: 43.59 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ion	Ratio	Resp Lower	Upper
107	100			
108	85.3	68.5	108.5	
77	37.8	101.6	141.6#	
79	29.4	7.4	47.4	





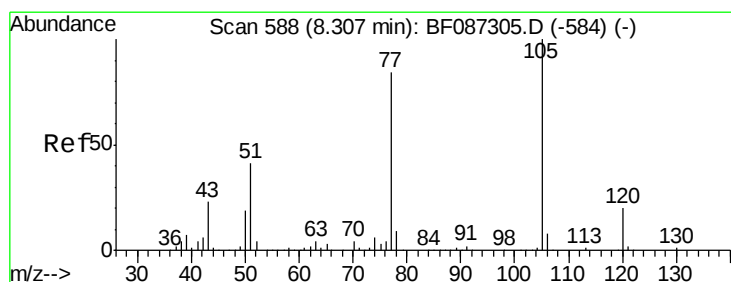
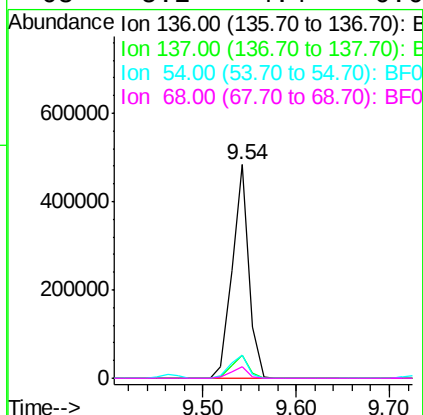
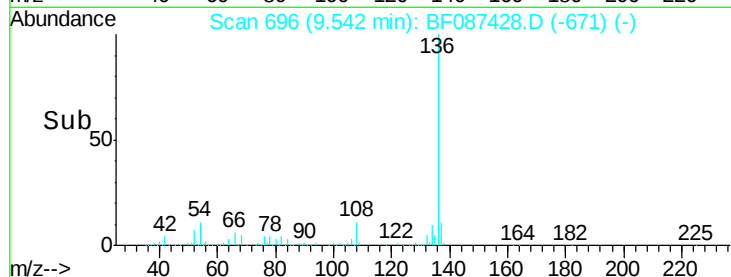
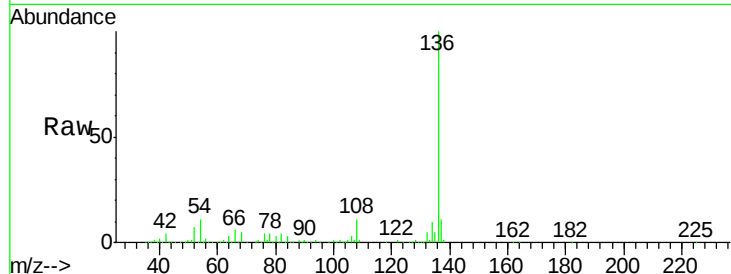
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	599893		
137	11.0	8.8	13.2	
54	10.8	5.0	7.4#	
68	5.2	4.4	6.6	

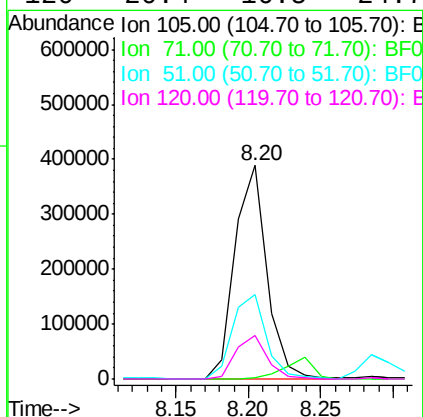
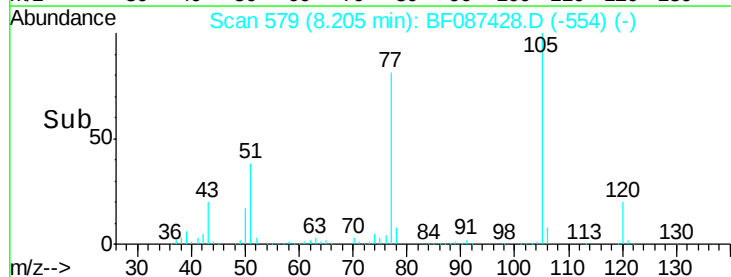
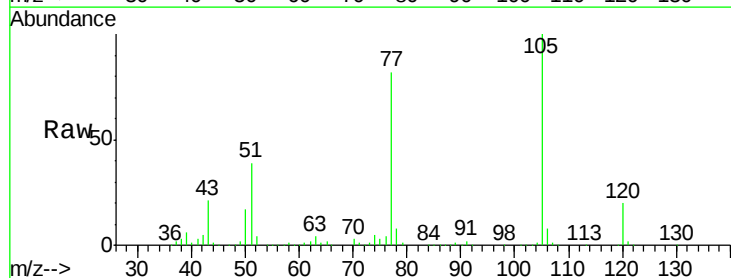
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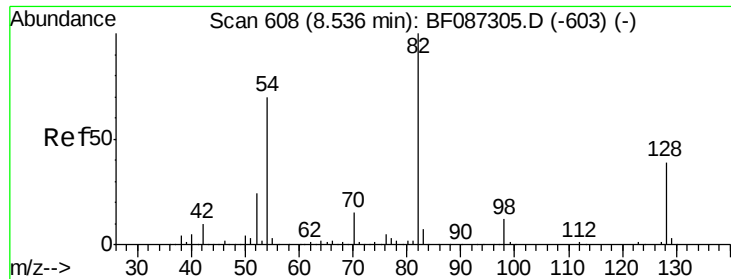
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#22
Acetophenone
Concen: 41.70 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	597625		
71	0.6	4.8	7.2#	
51	39.3	32.6	49.0	
120	20.4	16.5	24.7	





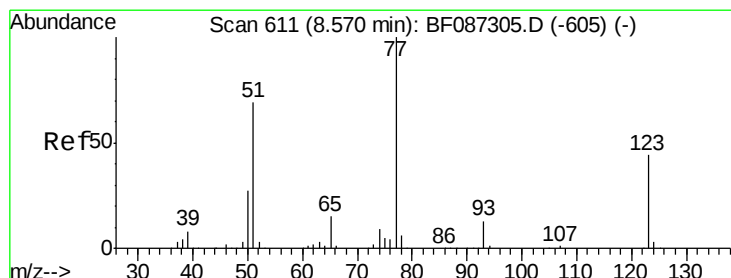
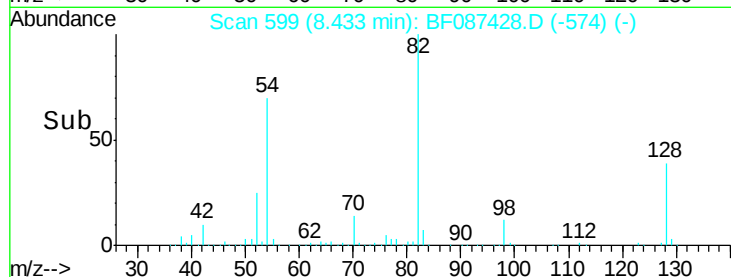
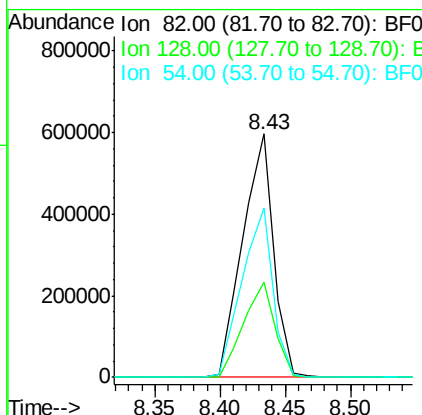
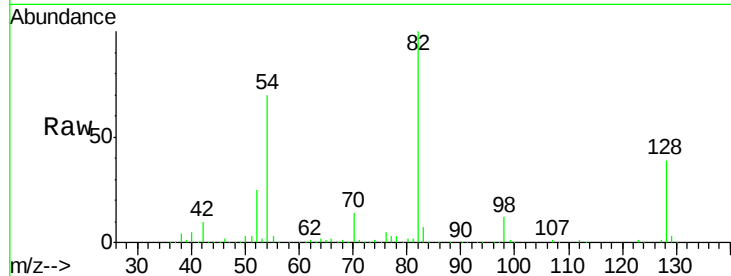
#23
 Nitrobenzene-d5
 Concen: 82.53 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	39.0	40.6	61.0#
54	69.6	38.1	57.1#

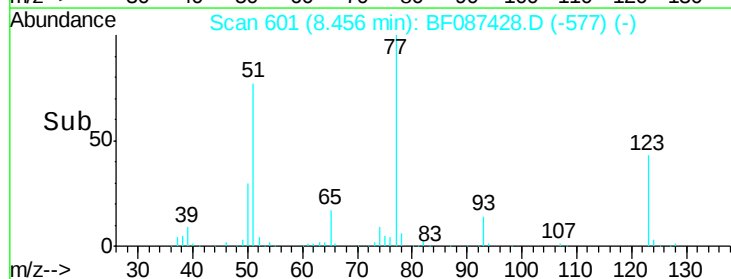
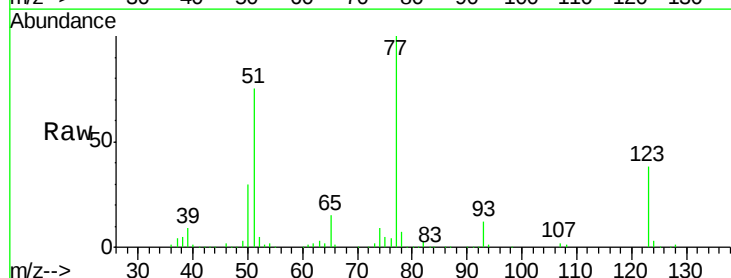
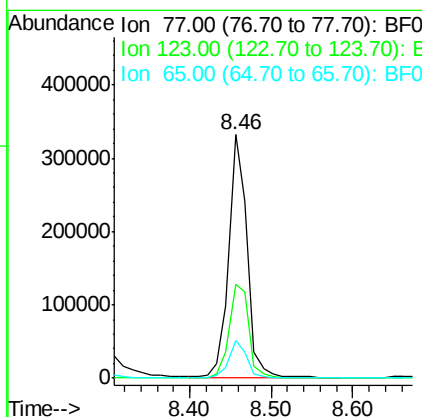
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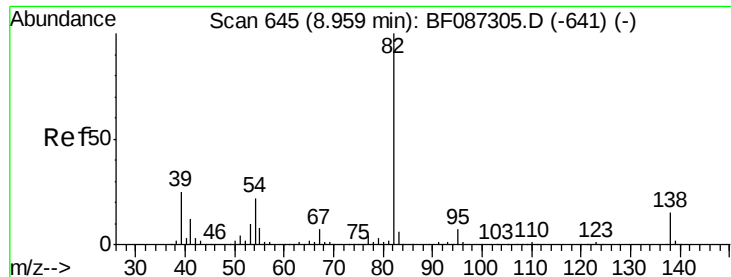
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#24
 Nitrobenzene
 Concen: 40.66 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	38.5	33.0	49.4
65	15.3	10.8	16.2





#25

Isophorone

Concen: 40.45 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

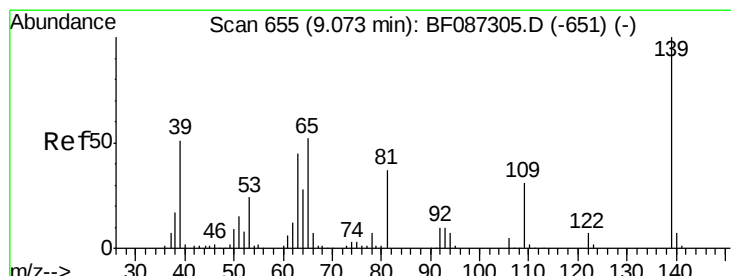
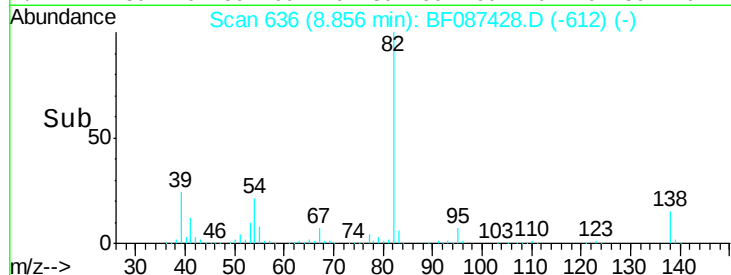
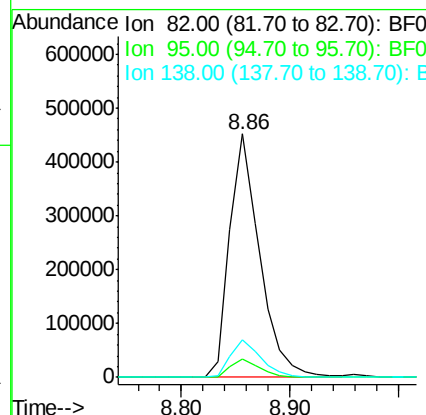
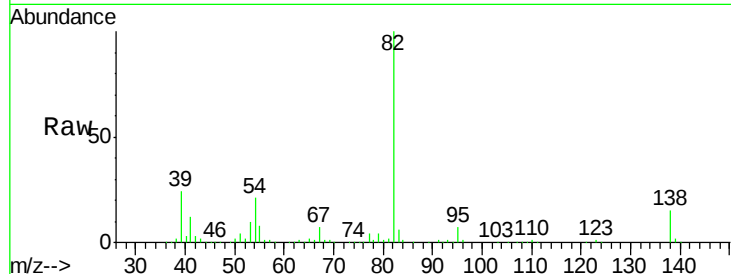
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	863468
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	15.4	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.46 ng

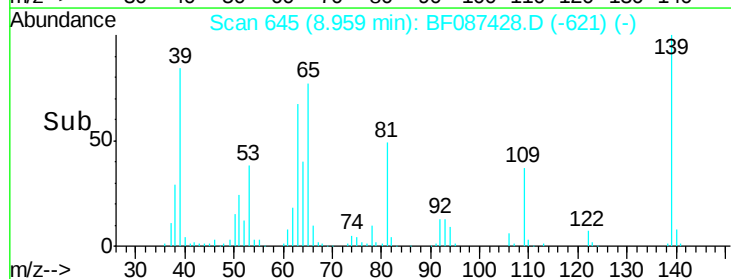
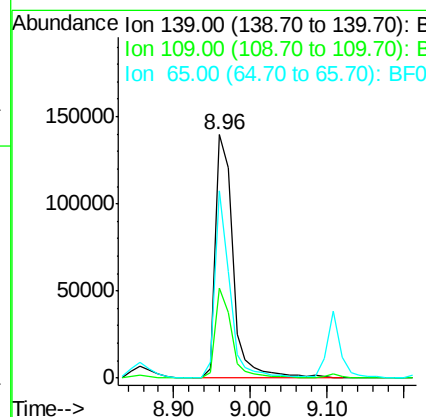
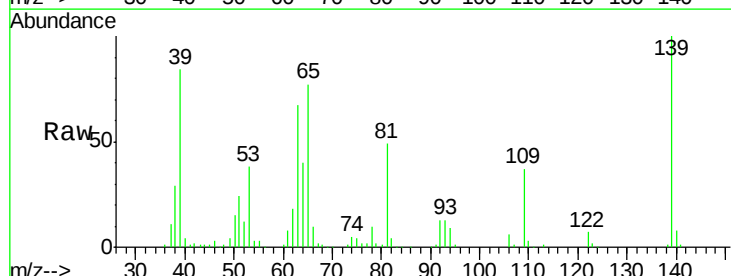
RT: 8.96 min Scan# 645

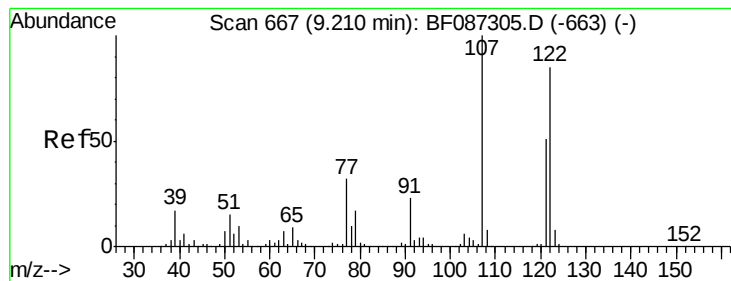
Delta R.T. -0.02 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:	139	Resp:	223233
Ion Ratio	Lower	Upper	
139	100		
109	37.1	19.5	29.3#
65	76.8	37.5	56.3#





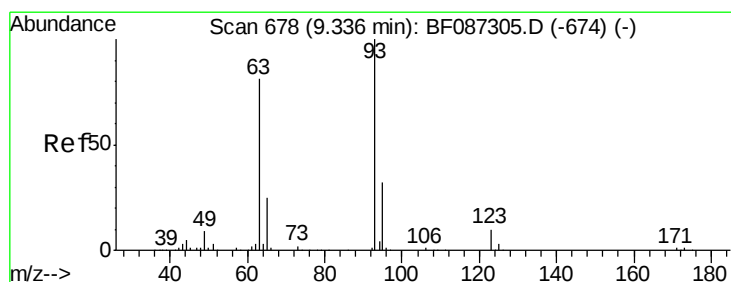
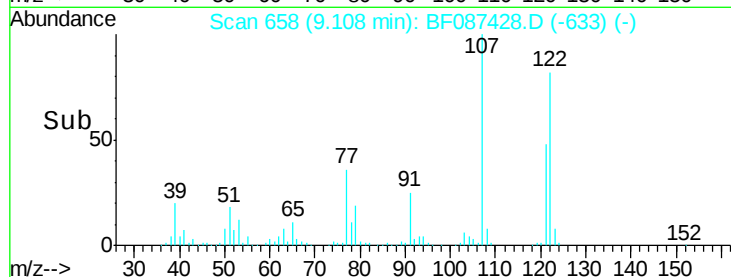
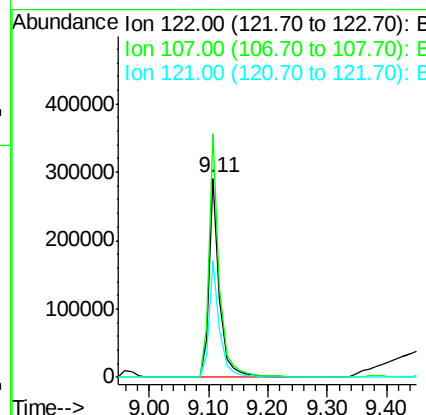
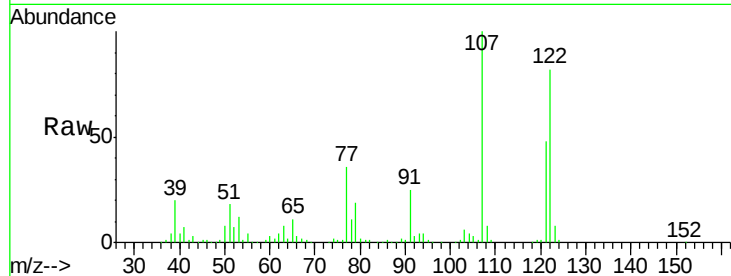
#27
 2,4-Dimethylphenol
 Concen: 40.71 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362995		
107	122.4	82.0	123.0	
121	58.5	46.1	69.1	

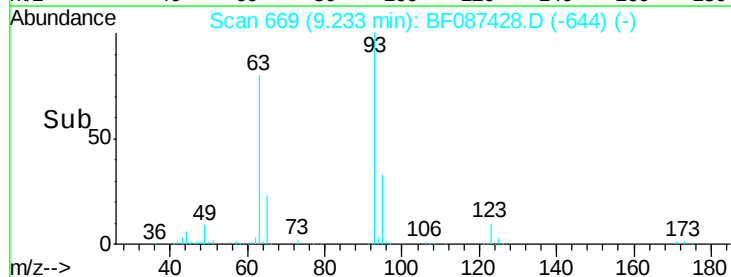
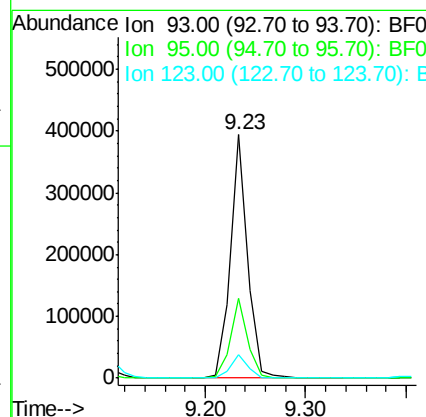
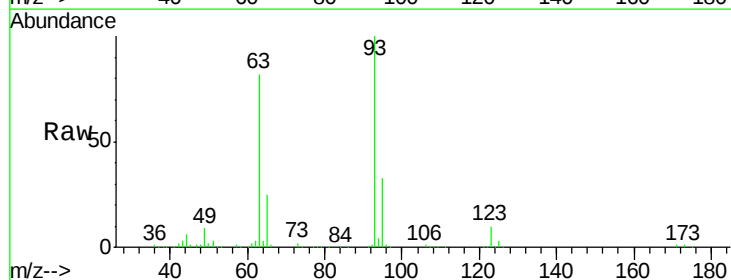
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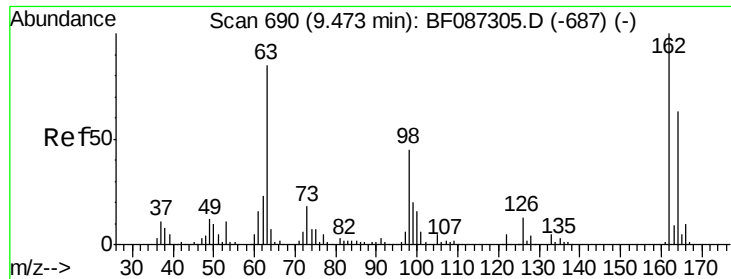
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.92 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	468022		
95	32.5	26.0	39.0	
123	9.6	9.5	14.3	





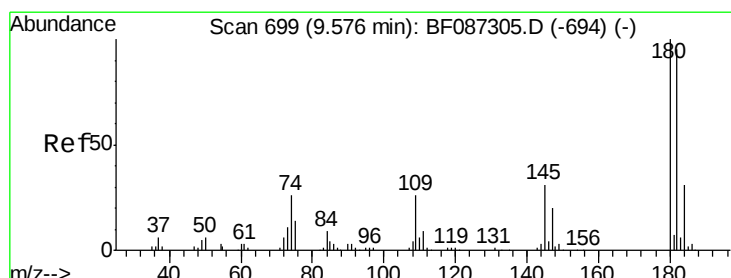
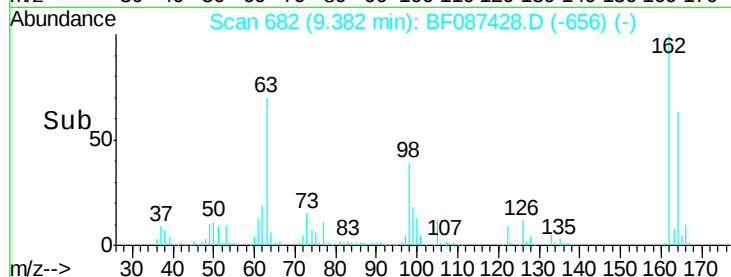
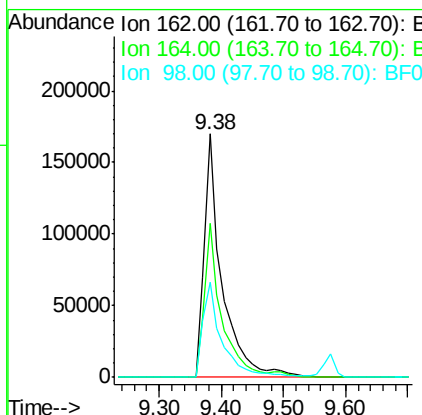
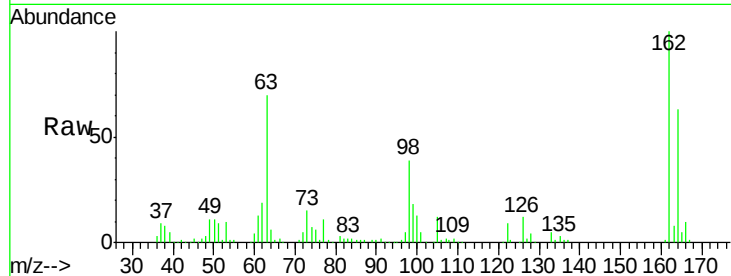
#29
2,4-Dichlorophenol
Concen: 42.02 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	337660		
164	63.4	42.2	82.2	
98	39.1	19.0	59.0	

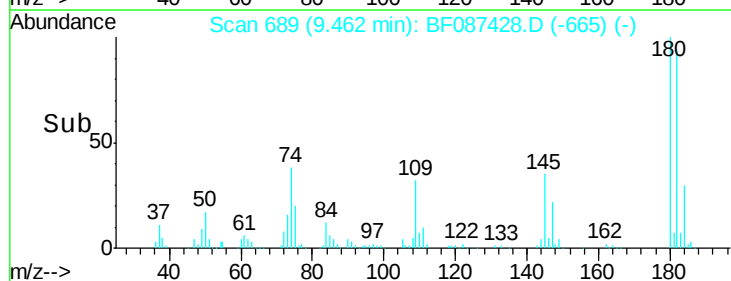
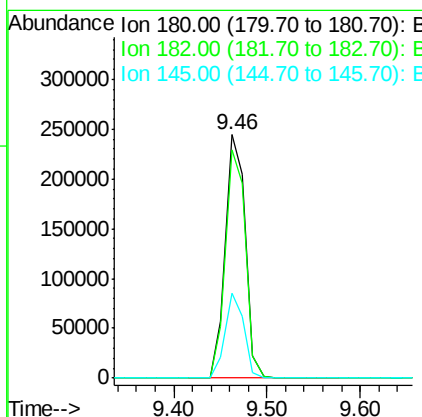
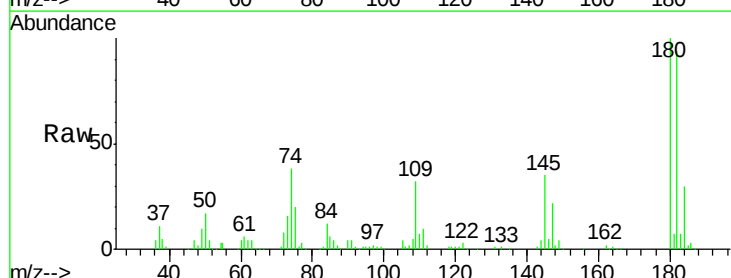
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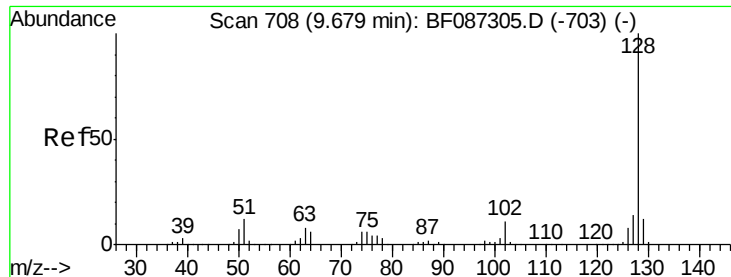
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#30
1,2,4-Trichlorobenzene
Concen: 39.82 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	366265		
182	93.9	78.0	117.0	
145	34.8	24.2	36.2	





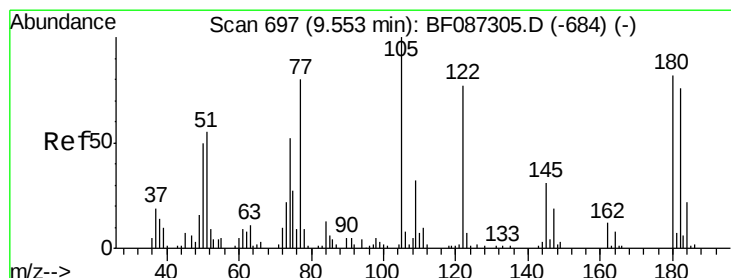
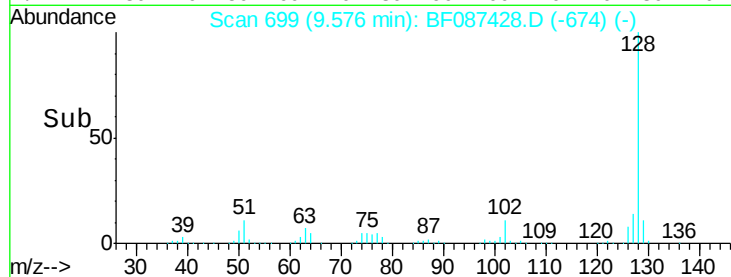
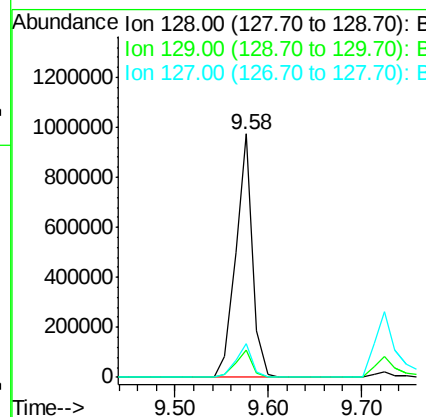
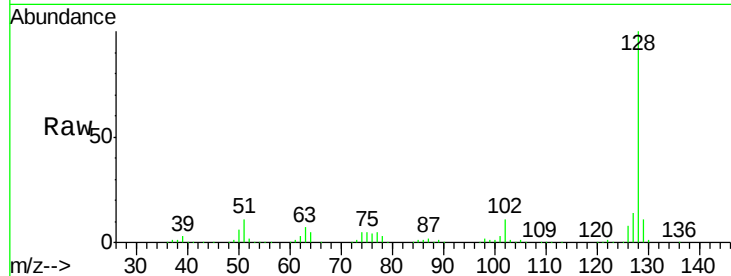
#31
Naphthalene
Concen: 40.26 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

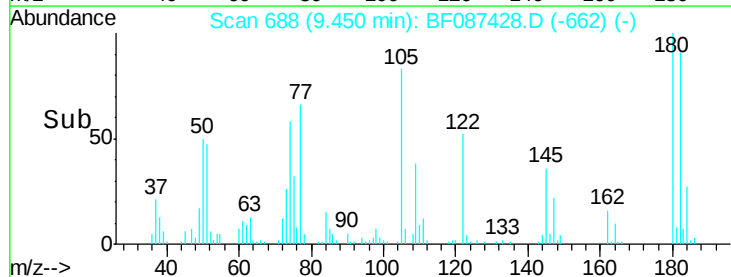
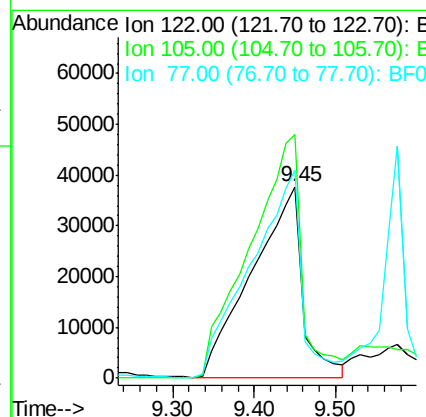
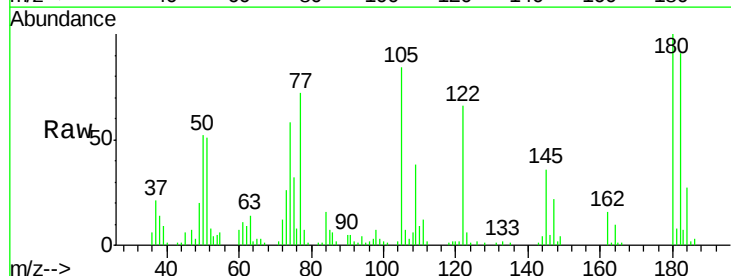
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#32
Benzoic acid
Concen: 37.12 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	92.6	132.6
77	108.6	60.0	100.0#





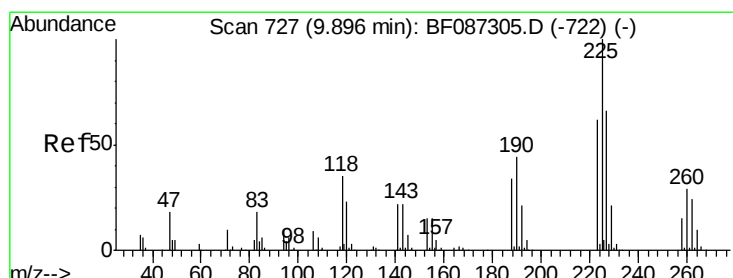
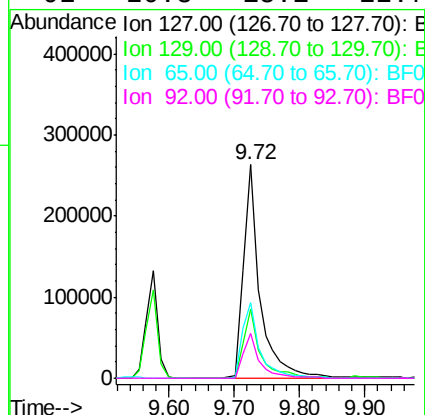
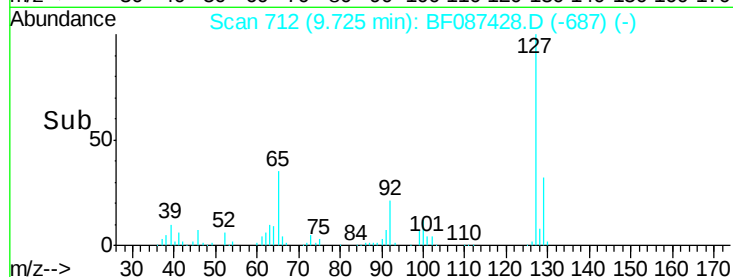
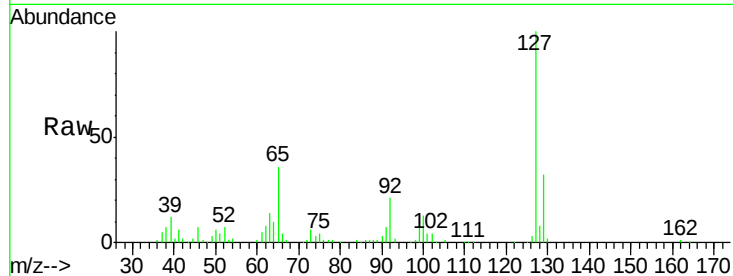
#33
4-Chloroaniline
Concen: 40.88 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	35.5	23.0	34.4		
92	20.8	15.1	22.7		

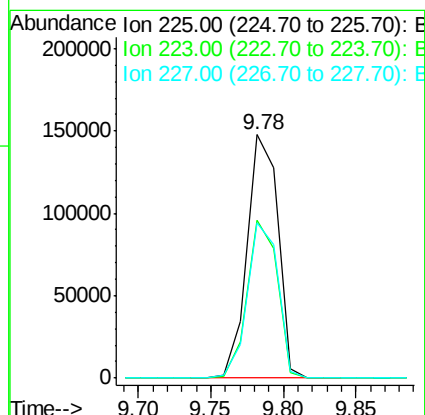
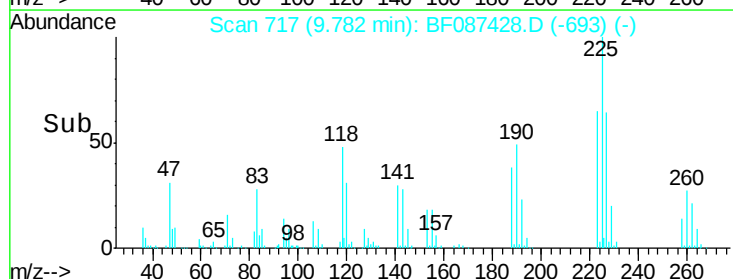
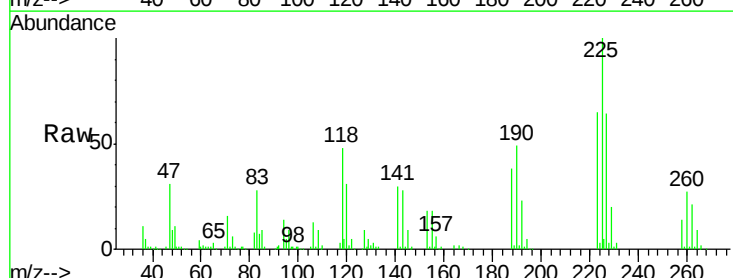
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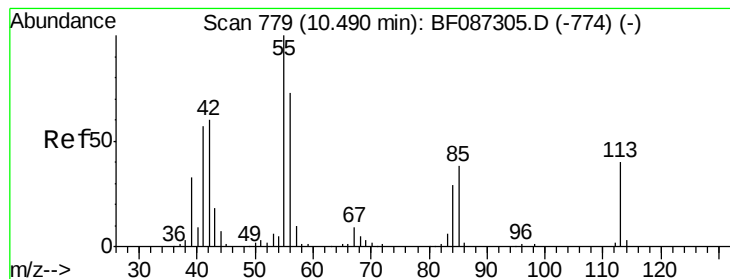
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#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	51.5	77.3		
227	63.8	52.2	78.2		





#35

Caprolactam

Concen: 45.50 ng/mL

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

Tot Ion: 113 Resp: 106705

Ion Ratio Lower Upper

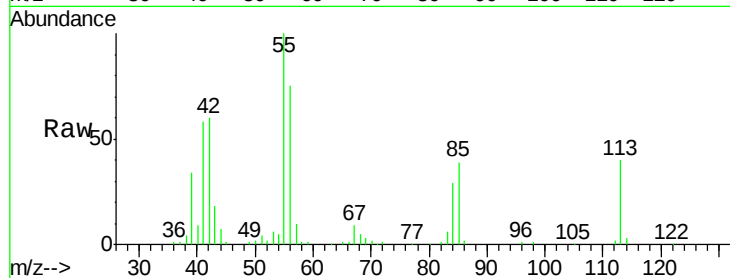
113 100

55 248.4 162.0 202.0#

56 186.8 115.3 155.3#

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

120000

100000

80000

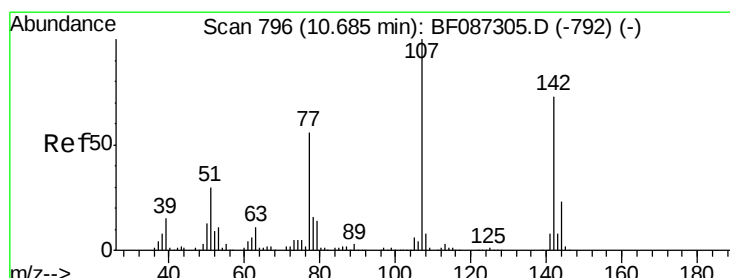
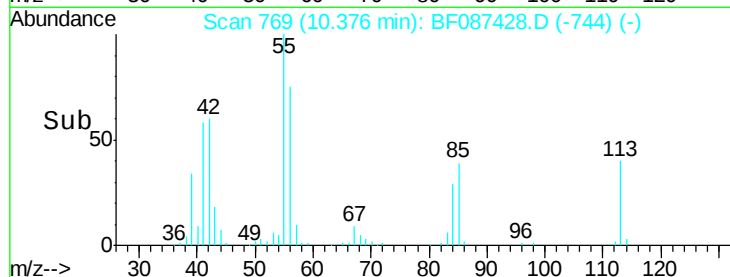
60000

40000

20000

0

Time--> 10.20 10.40 10.60



#36

4-Chloro-3-methylphenol

Concen: 44.09 ng/mL

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

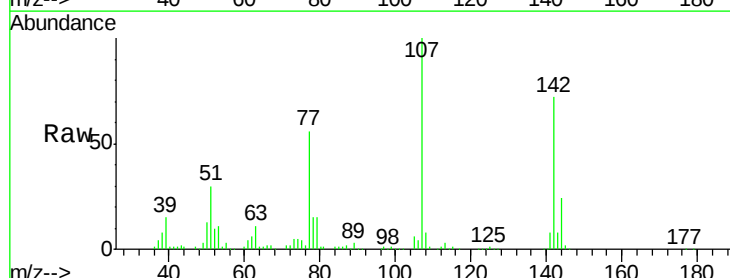
Tgt Ion: 107 Resp: 400548

Ion Ratio Lower Upper

107 100

144 23.9 20.7 31.1

142 72.3 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

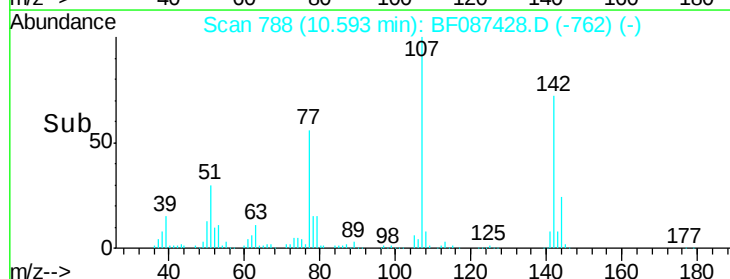
600000

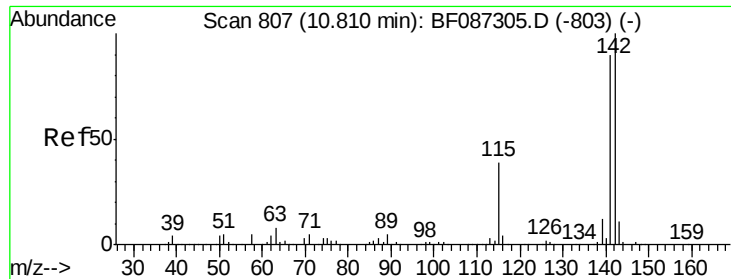
400000

200000

0

Time--> 10.60 10.80





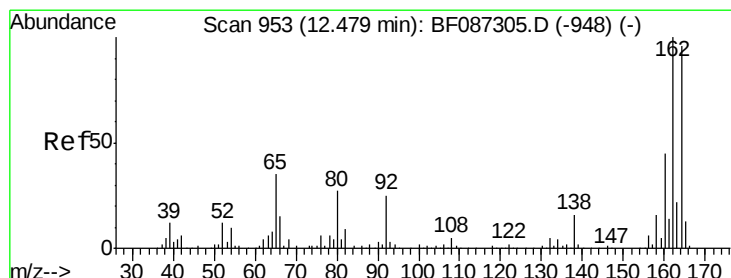
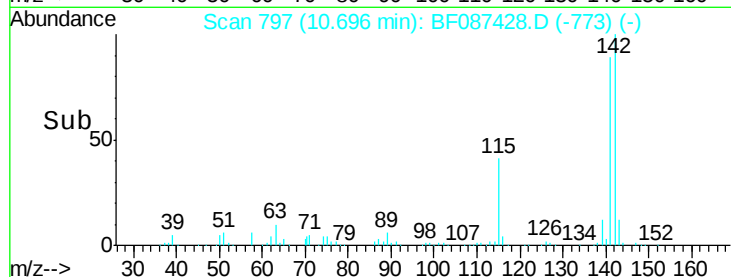
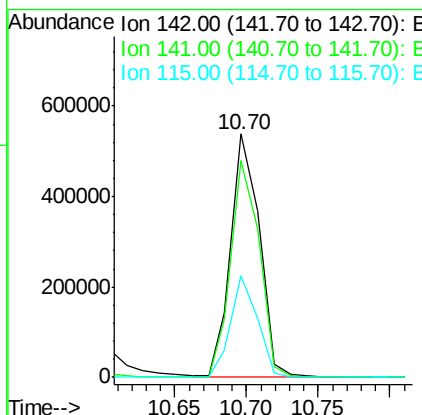
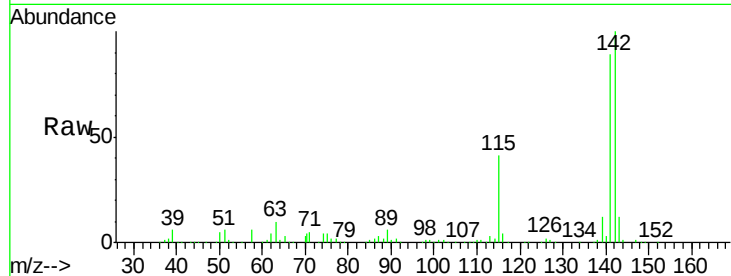
#37
2-Methylnaphthalene
Concen: 40.00 ng/mL
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	41.5	26.6	39.8

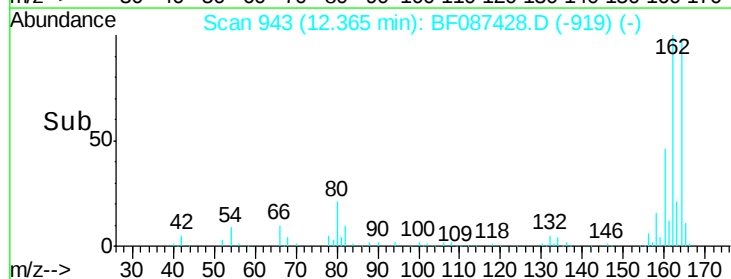
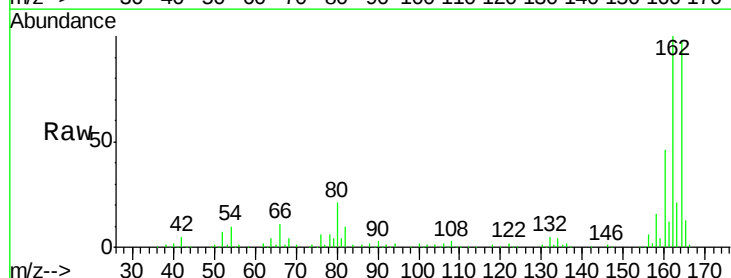
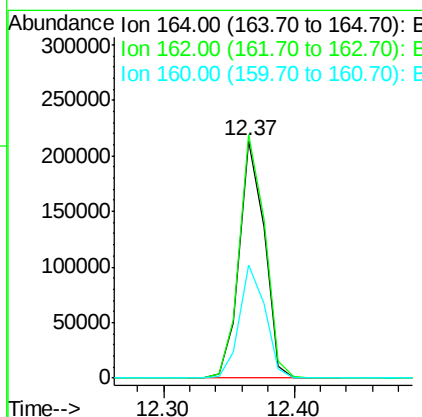
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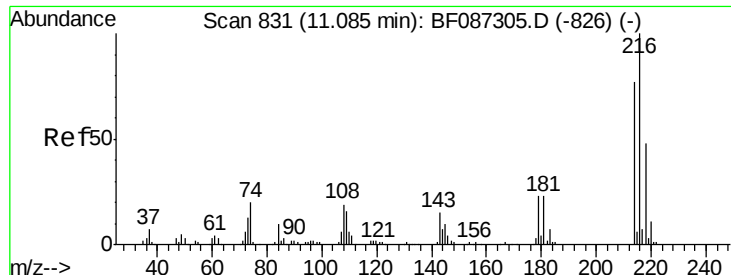
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#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	47.4	36.9	55.3





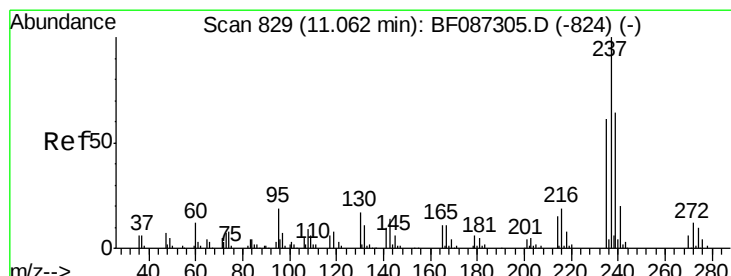
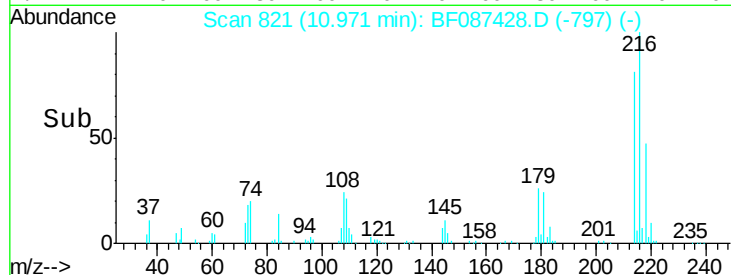
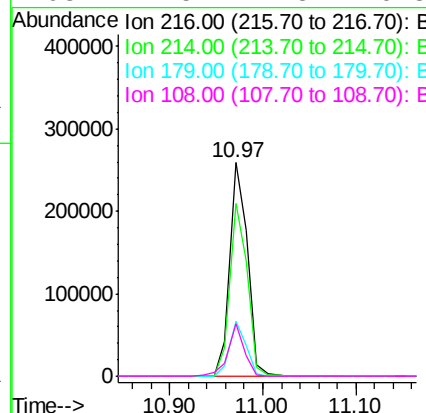
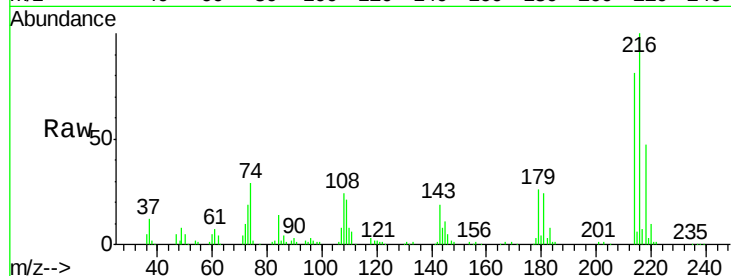
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.59 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	62.6	93.8
179	24.1	18.2	27.4
108	22.5	17.5	26.3

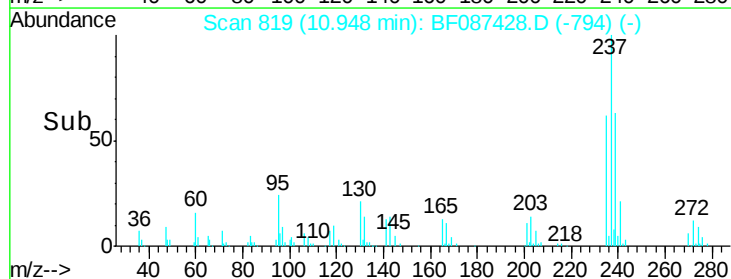
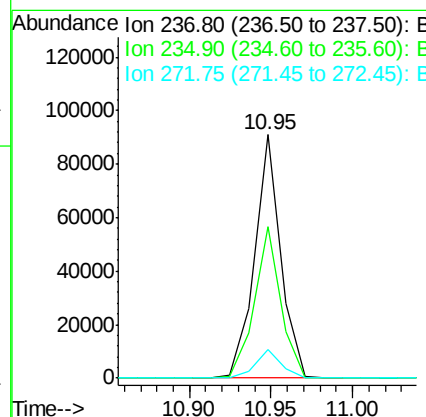
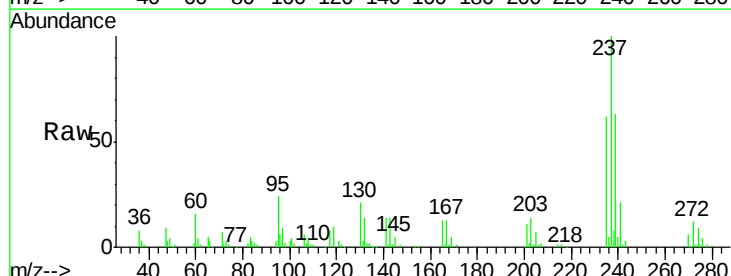
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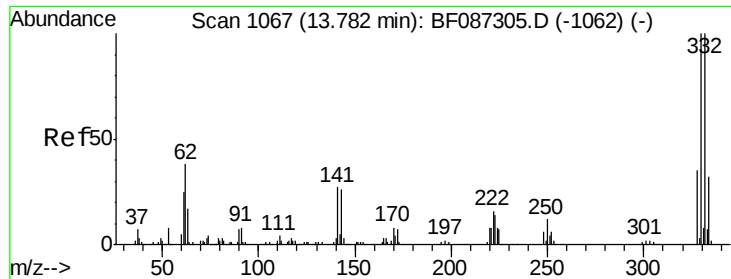
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#40
 Hexachlorocyclopentadiene
 Concen: 33.13 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	47.2	87.2
272	11.7	0.0	31.1





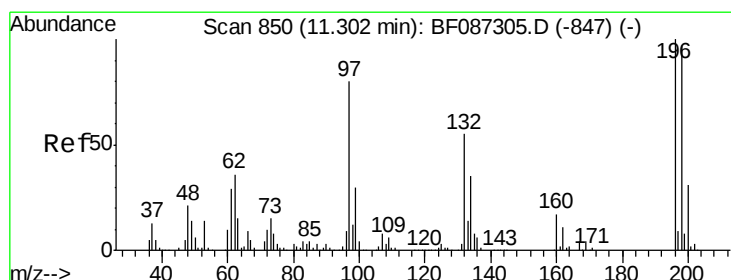
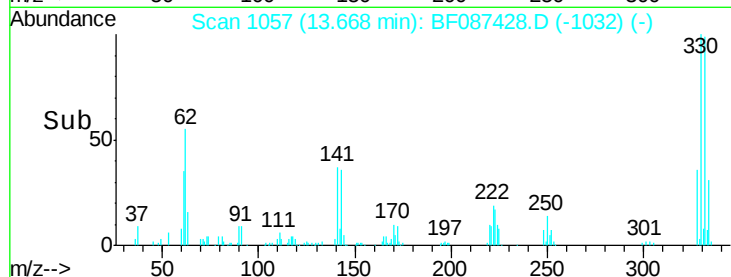
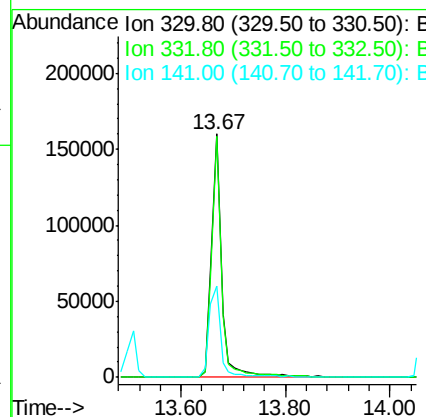
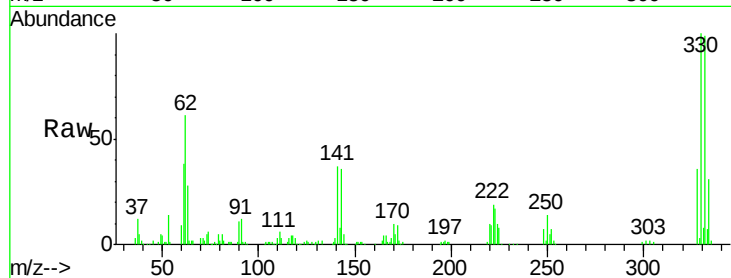
#41
 2,4,6-Tribromophenol
 Concen: 79.47 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217614		
332	96.9	79.0	118.4	
141	43.6	31.2	46.8	

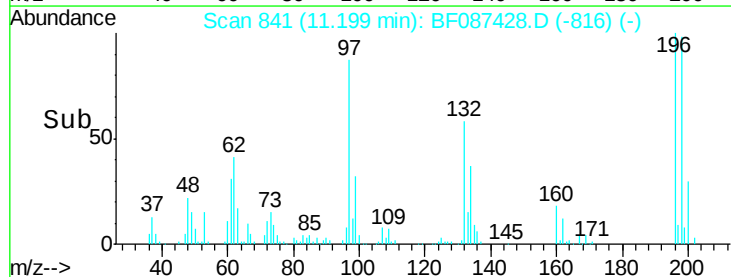
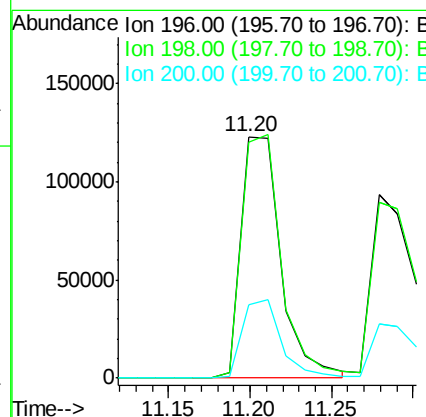
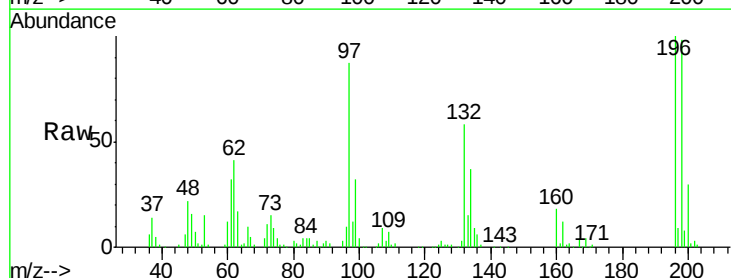
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#42
 2,4,6-Trichlorophenol
 Concen: 39.51 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208044		
198	97.8	74.7	112.1	
200	30.3	23.8	35.6	





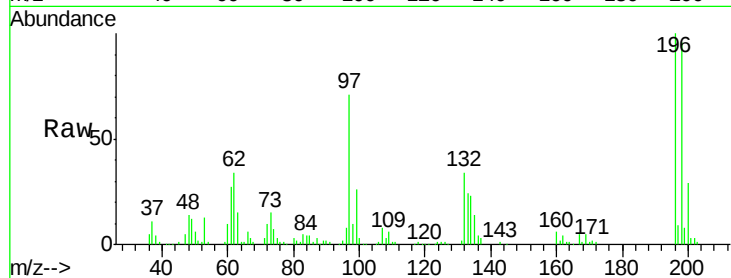
#43
 2,4,5-Trichlorophenol
 Concen: 39.87 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

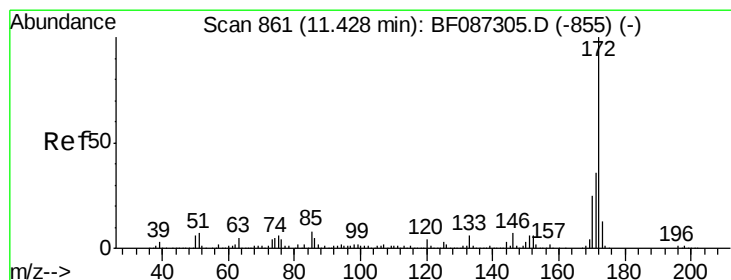
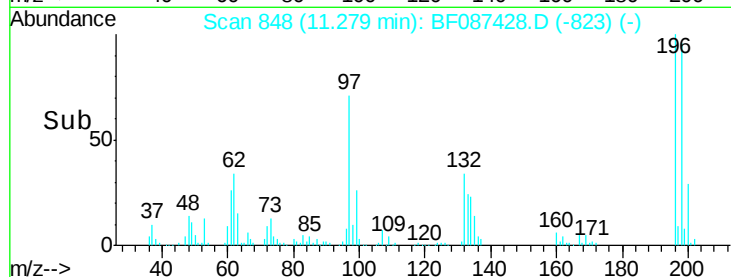
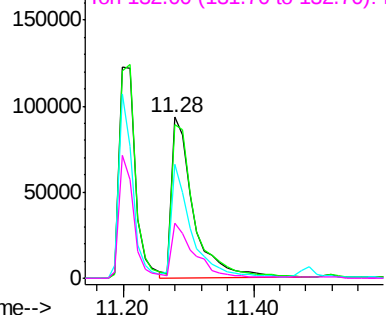
Tot Ion:	196	Resp:	213802
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.5	116.3
97	70.7	34.8	52.2
132	34.1	23.0	34.4

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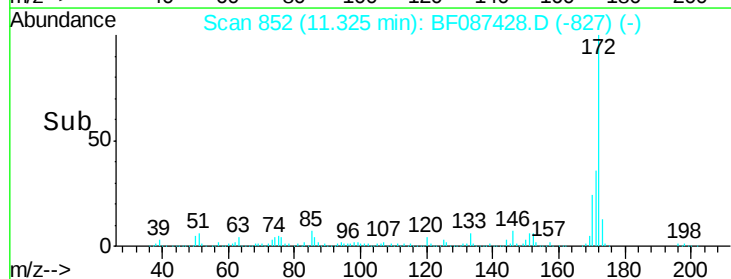
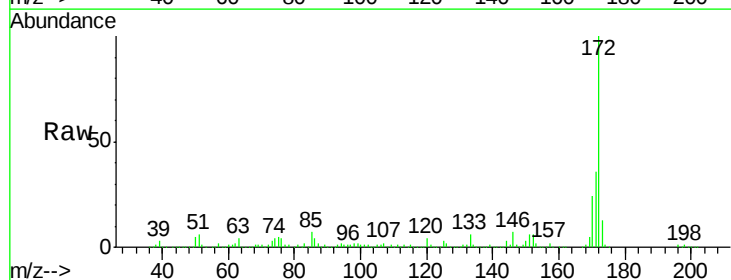
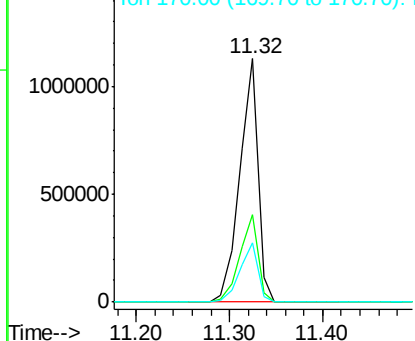
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

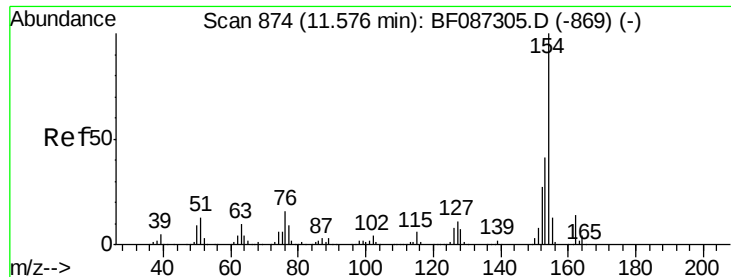


#44
 2-Fluorobiphenyl
 Concen: 75.89 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion:	172	Resp:	1534011
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	24.3	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: 39.00 ng

RT: 11.47 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

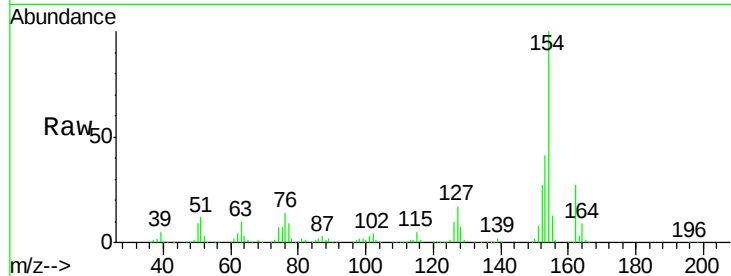
ClientSampleId :

SSTDCCC040EC

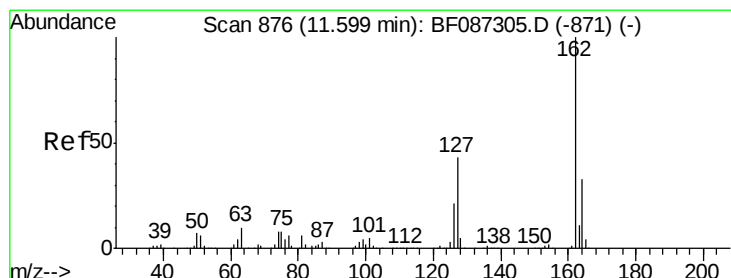
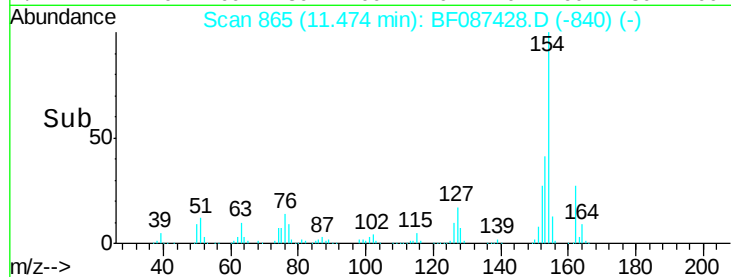
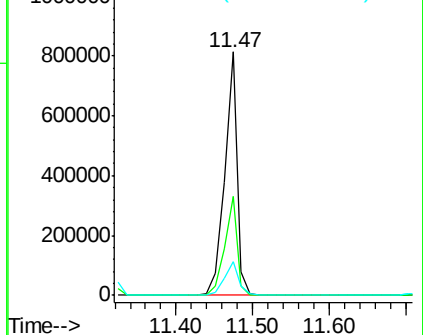
Tot Ion:	154	Resp:	935709
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	14.1	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 38.57 ng

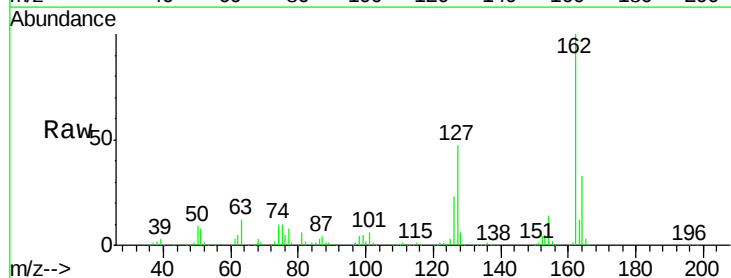
RT: 11.48 min Scan# 866

Delta R.T. -0.01 min

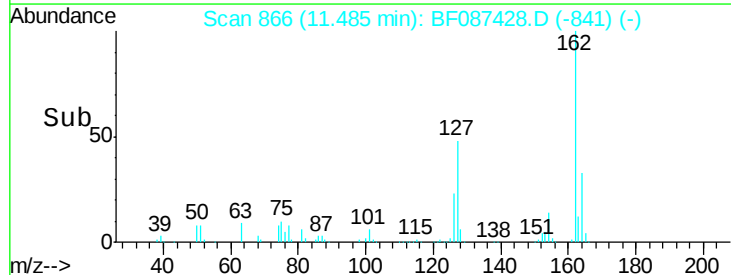
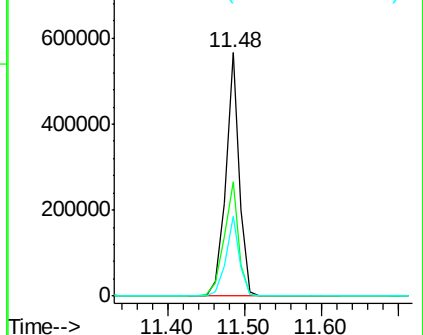
Lab File: BF087428.D

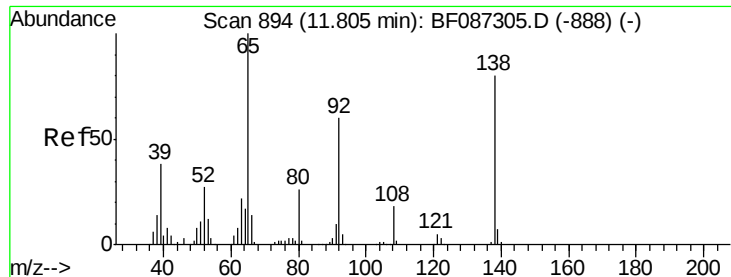
Acq: 27 May 2016 2:26

Tgt Ion:	162	Resp:	707947
Ion Ratio	Lower	Upper	
162	100		
127	46.8	31.8	47.6
164	32.8	27.0	40.6



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





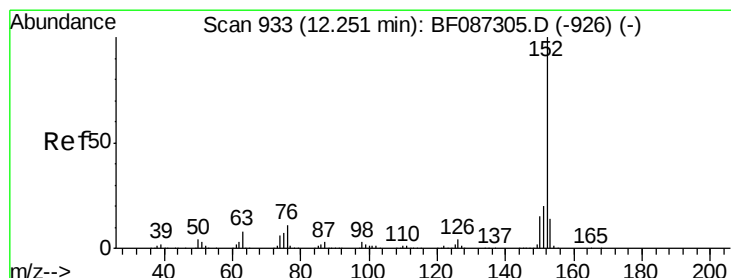
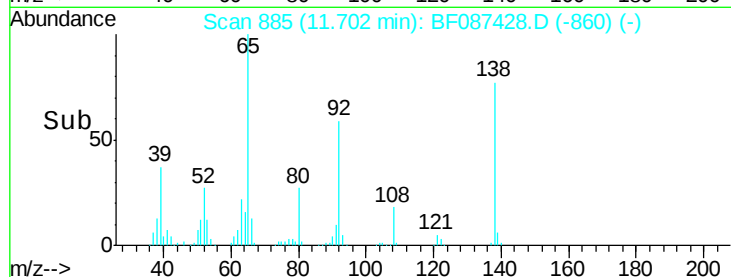
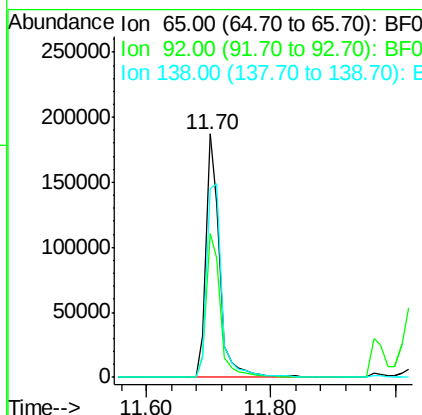
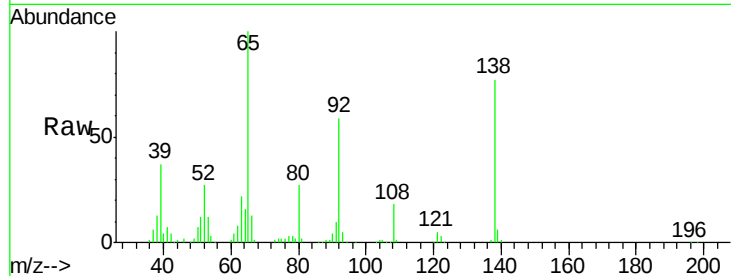
#47
2-Nitroaniline
Concen: 43.01 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.0	57.4	86.2
138	77.4	90.1	135.1#

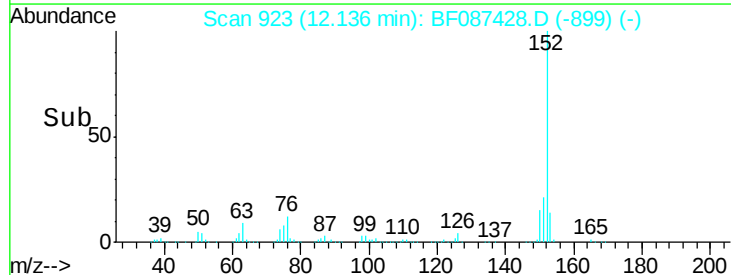
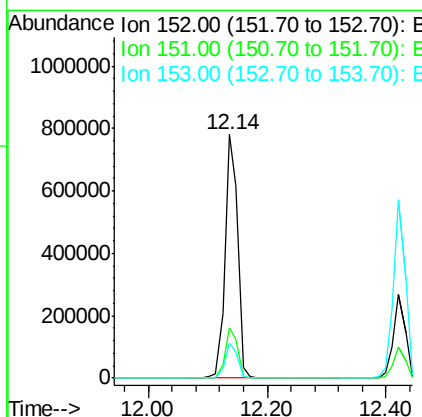
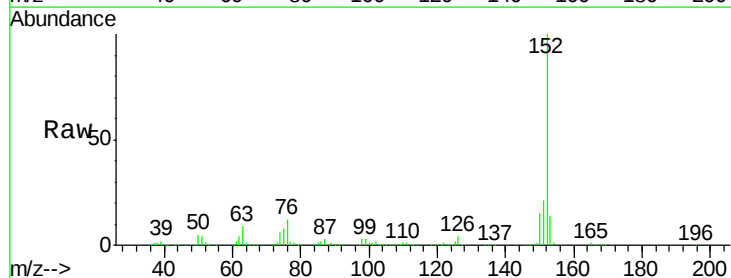
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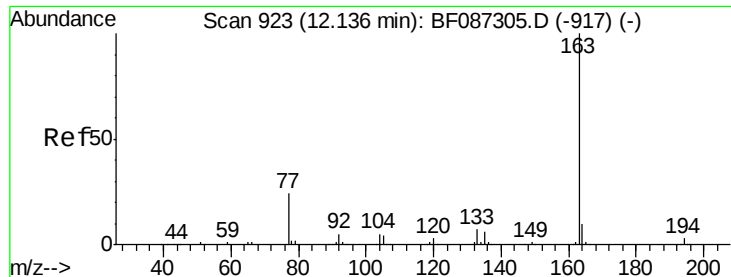
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#48
Acenaphthylene
Concen: 39.59 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.9	16.3





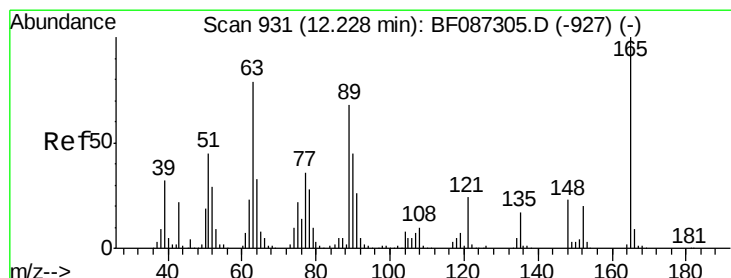
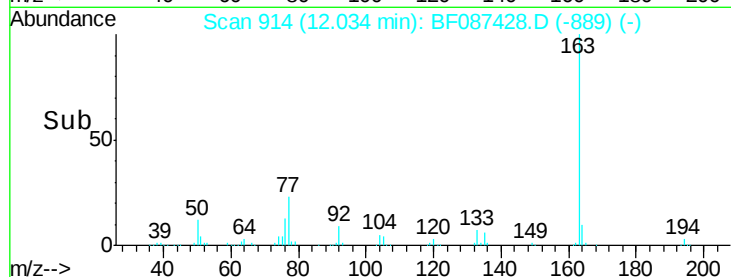
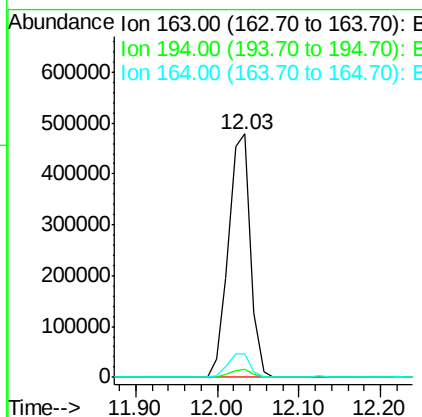
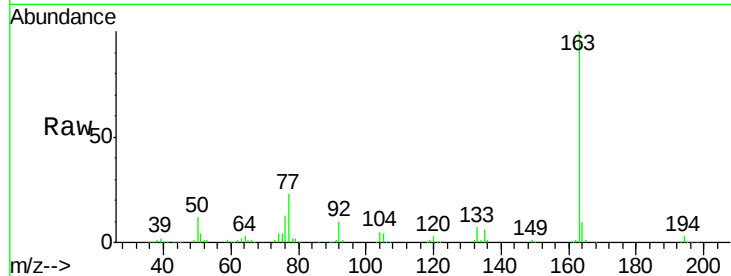
#49
Dimethylphthalate
Concen: 39.21 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.2	12.4

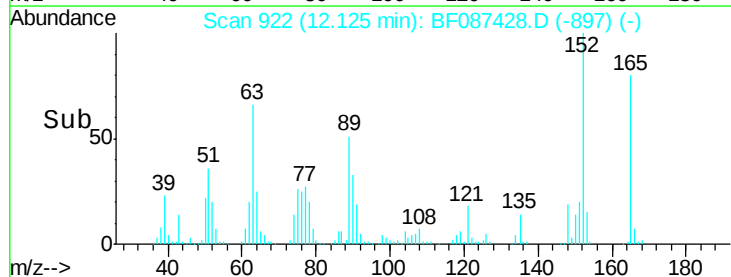
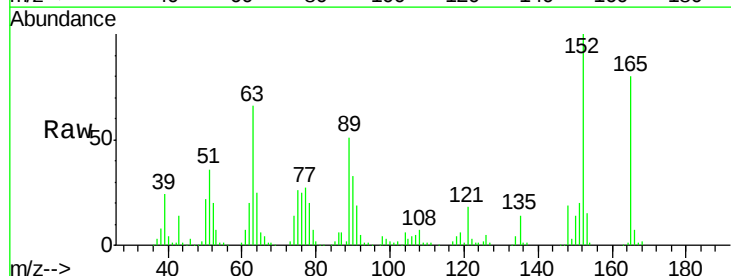
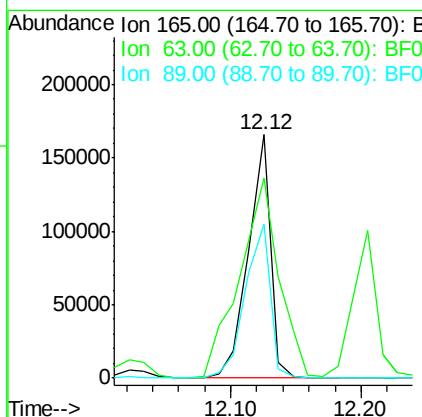
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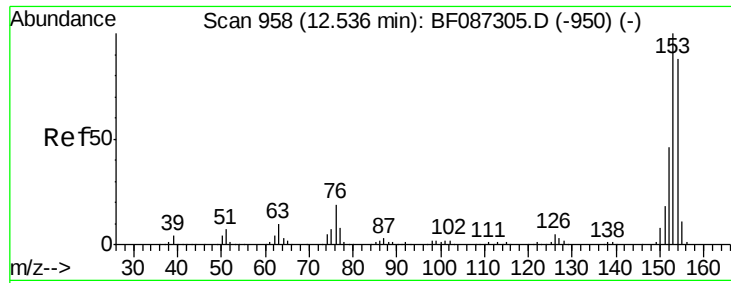
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#50
2,6-Dinitrotoluene
Concen: 42.68 ng
RT: 12.12 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	82.3	51.8	77.8#
89	63.0	50.7	76.1





#51

Acenaphthene

Concen: 39.10 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

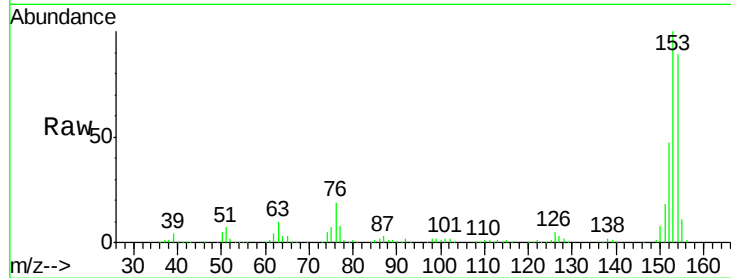
ClientSampleId :

SSTDCCC040EC

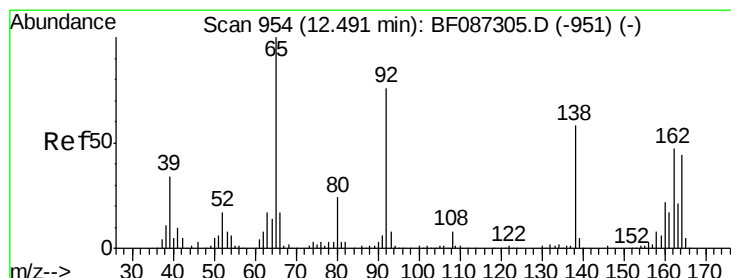
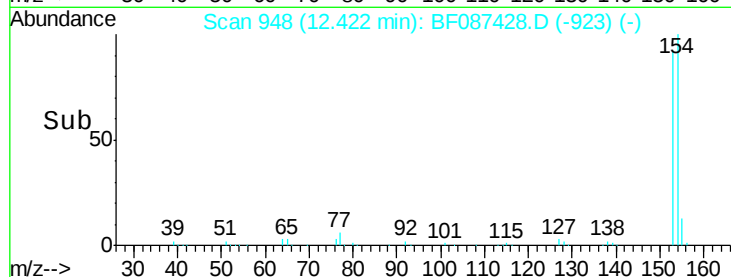
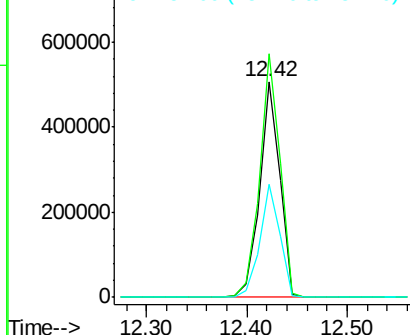
Tot Ion:	154	Resp:	698442
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.8	43.4	65.0

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



#52

3-Nitroaniline

Concen: 42.53 ng

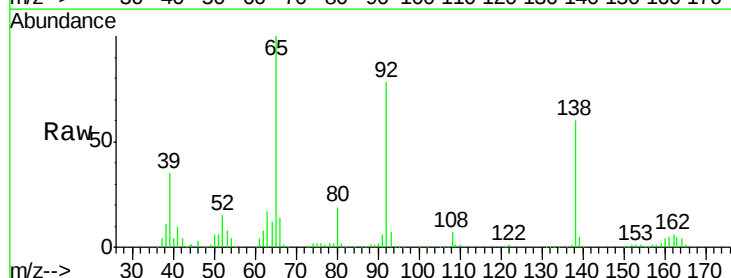
RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

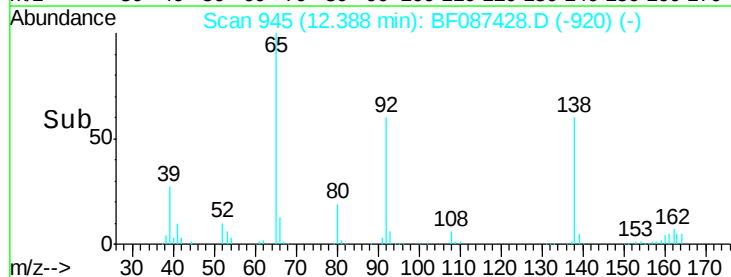
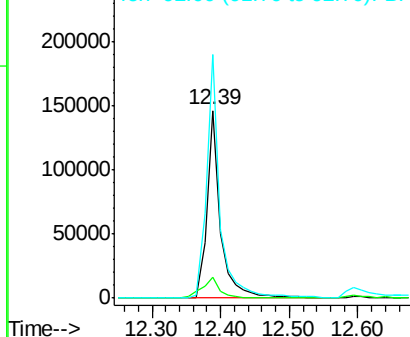
Lab File: BF087428.D

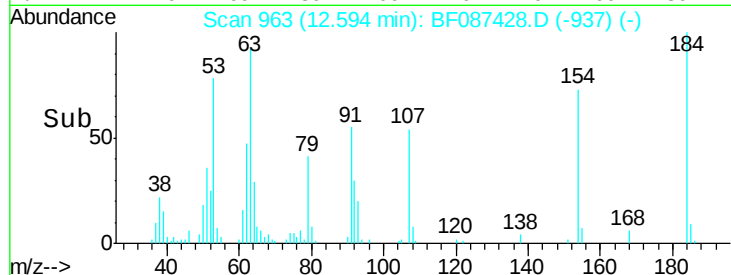
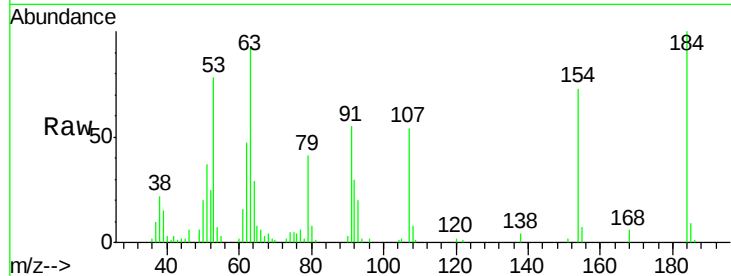
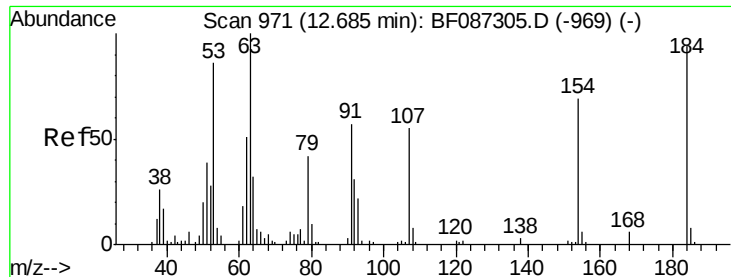
Acq: 27 May 2016 2:26

Tgt Ion:	138	Resp:	200763
Ion Ratio	Lower	Upper	
138	100		
108	11.3	7.8	11.6
92	129.9	87.8	131.8



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





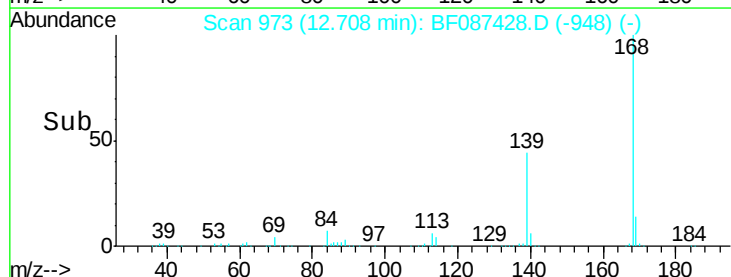
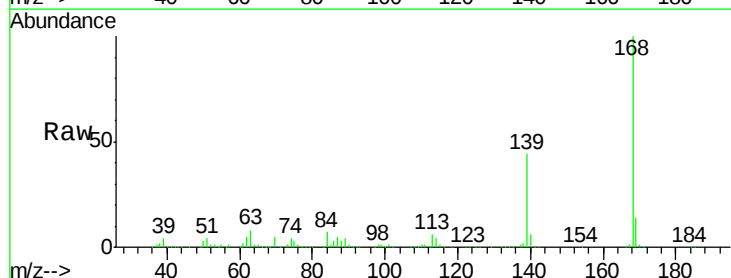
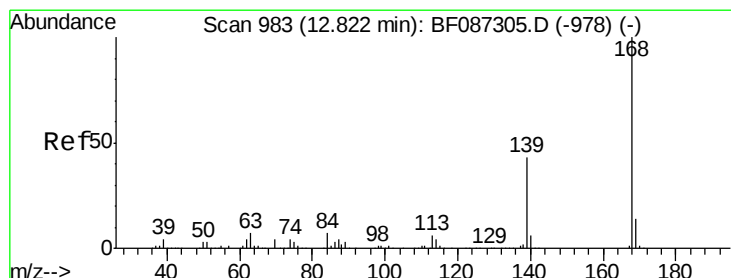
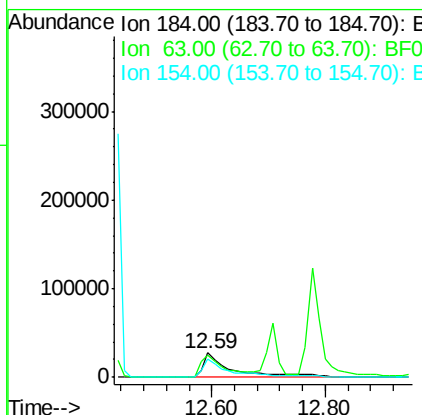
#53
2,4-Dinitrophenol
Concen: 43.08 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tot Ion	Ratio	Resp	Lower	Upper
184	100	93659		
63	92.0	55.8	83.8	
154	73.1	62.4	93.6	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

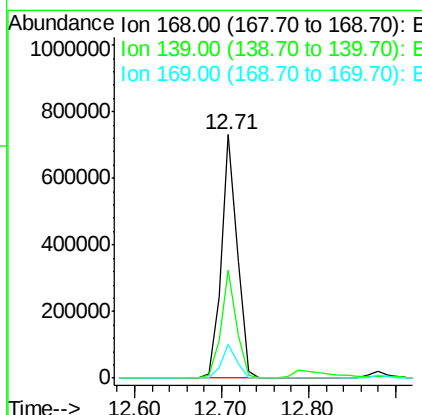
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#54
Dibenzofuran
Concen: 38.73 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	936561		
139	44.3	31.4	47.0	
169	13.6	10.7	16.1	





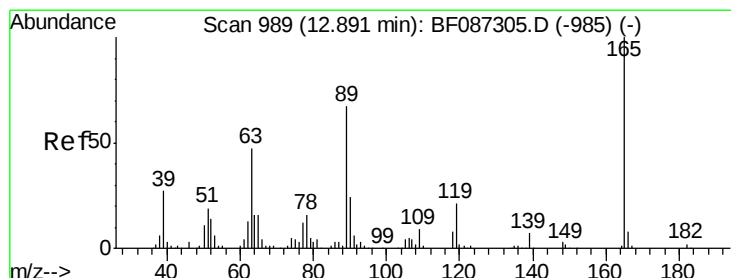
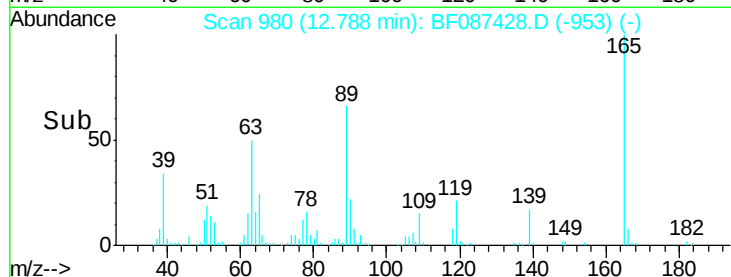
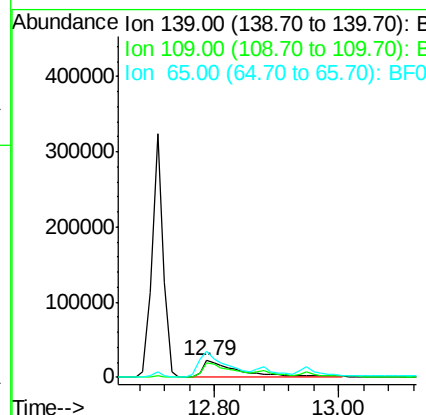
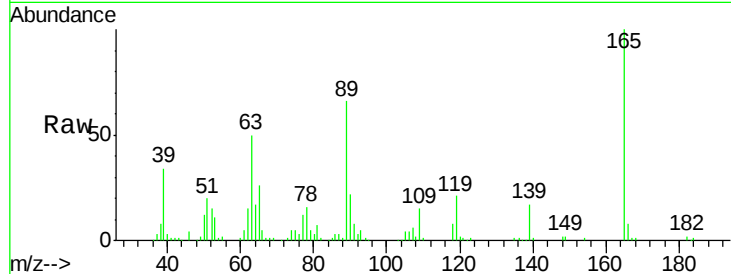
#55
4-Nitrophenol
Concen: 38.79 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 87352
Ion Ratio Lower Upper
139 100
109 86.2 36.9 76.9#
65 151.9 64.0 104.0#

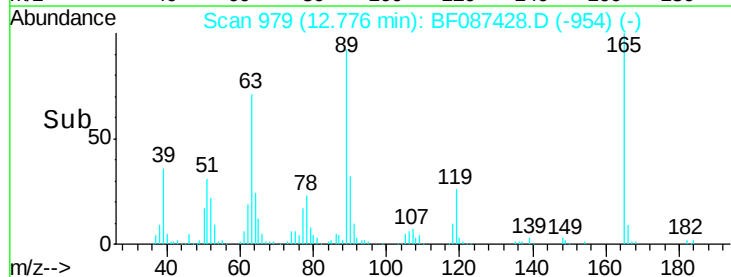
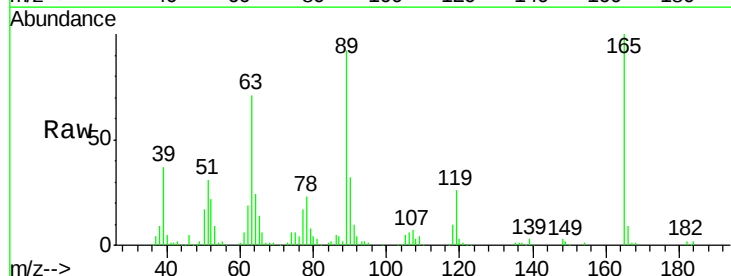
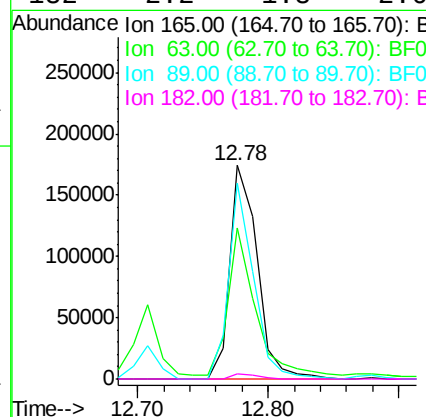
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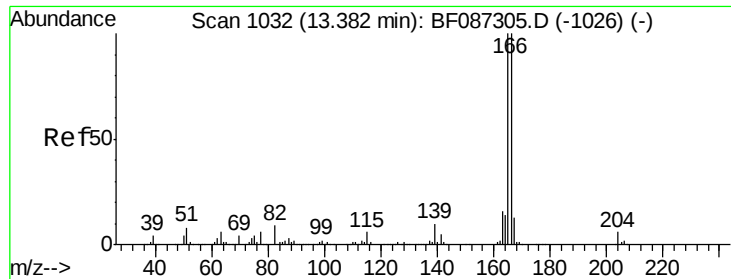
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#56
2,4-Dinitrotoluene
Concen: 41.63 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion:165 Resp: 255917
Ion Ratio Lower Upper
165 100
63 70.9 44.3 66.5#
89 91.8 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 39.90 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 836698

Ion Ratio Lower Upper

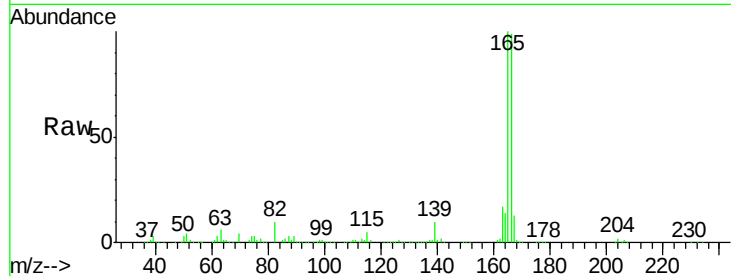
166 100

165 100.7 79.0 118.6

167 13.6 10.6 15.8

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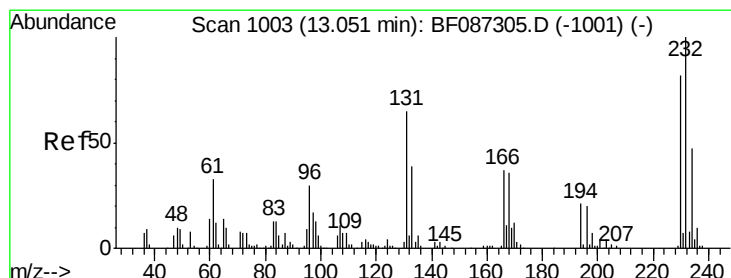
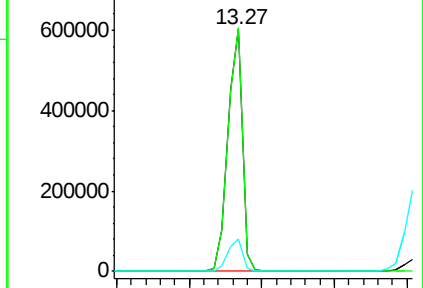
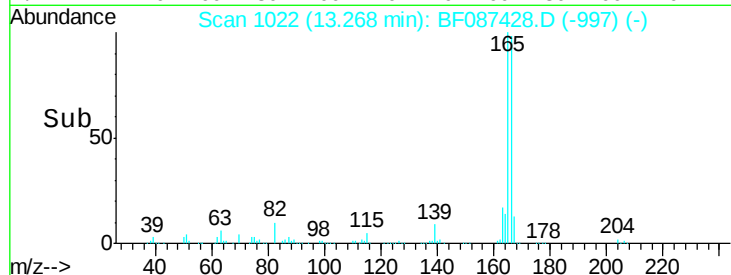
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.26 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:232 Resp: 161950

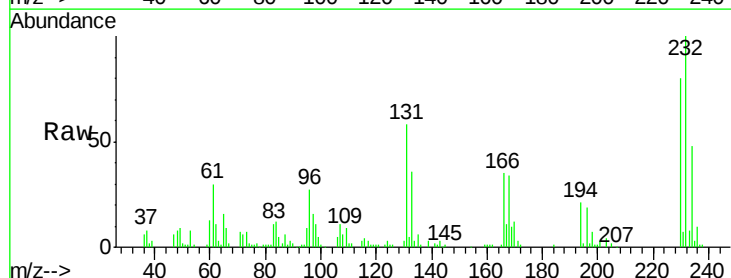
Ion Ratio Lower Upper

232 100

131 54.5 41.9 62.9

130 2.7 2.2 3.4

166 32.1 26.8 40.2

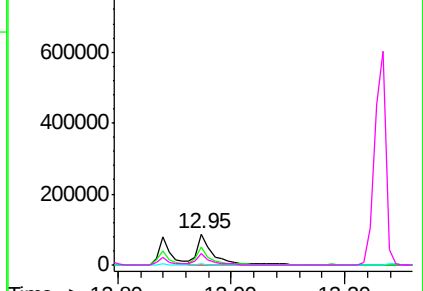
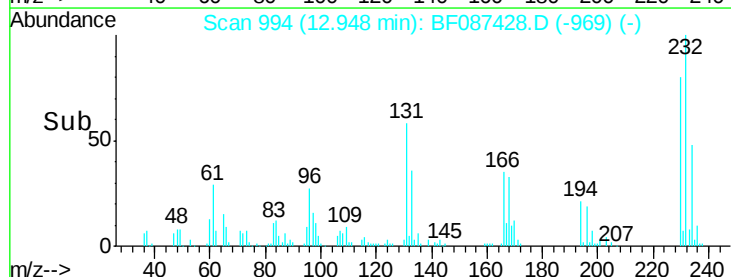


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





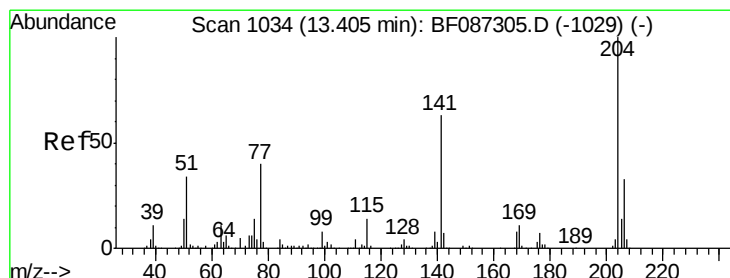
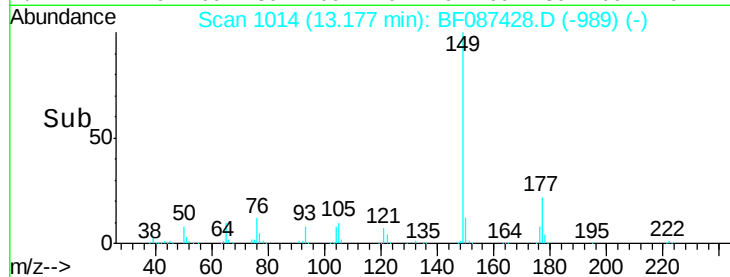
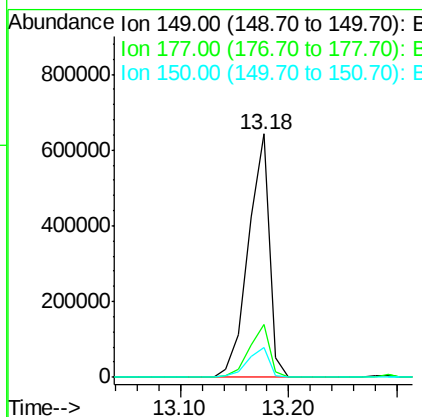
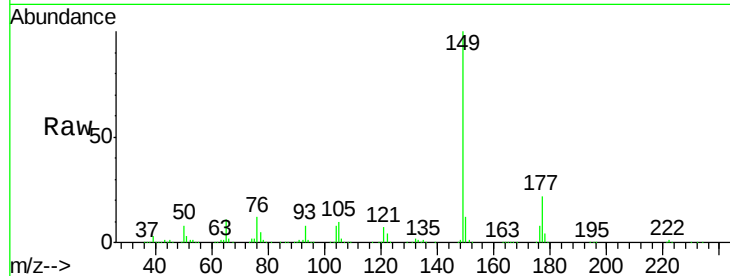
#59
Diethylphthalate
Concen: 38.91 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.6	24.8
150	12.4	10.0	15.0

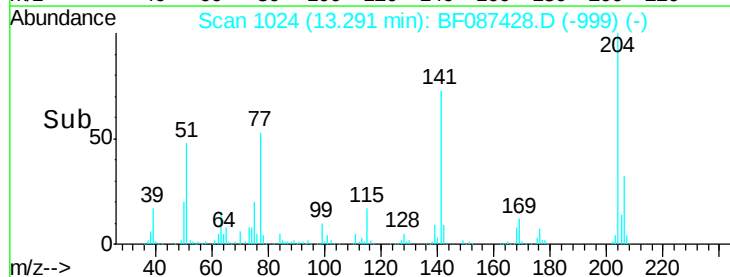
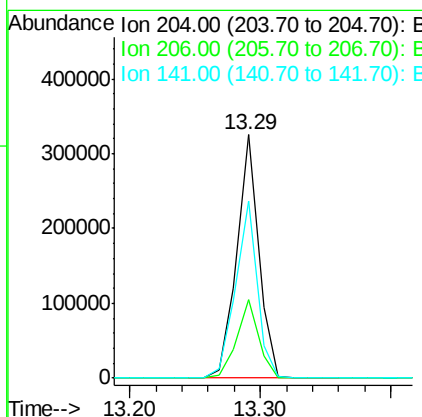
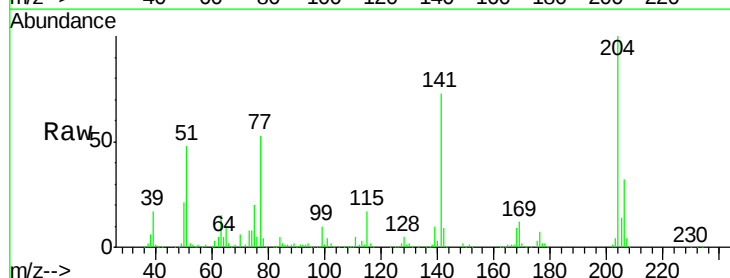
Manual Integrations
APPROVED

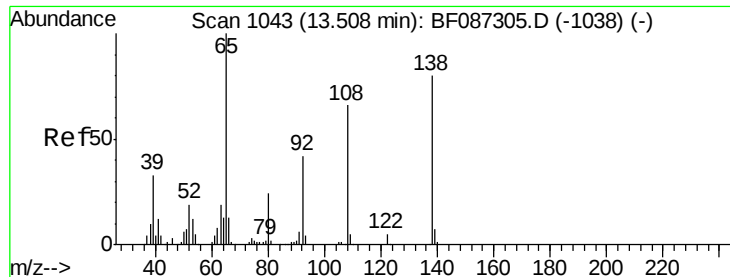
sohil
5/27/2016 7:38:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.34 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.4	38.0
141	72.6	61.6	92.4





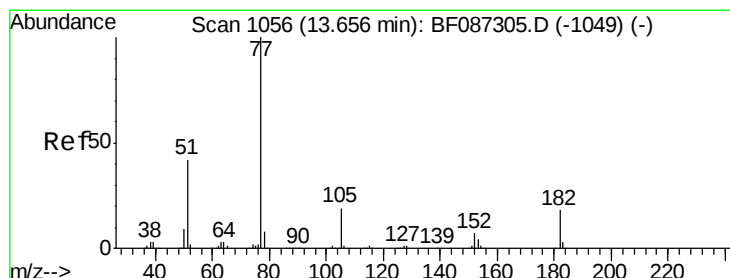
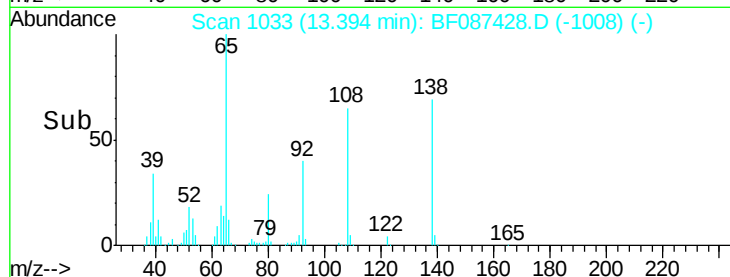
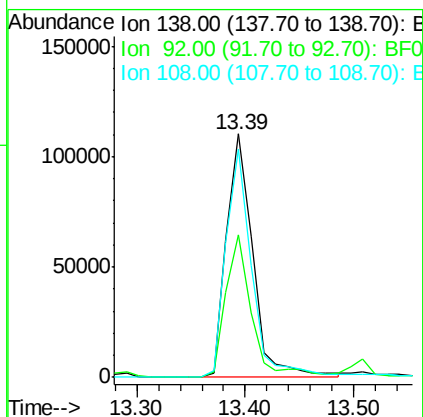
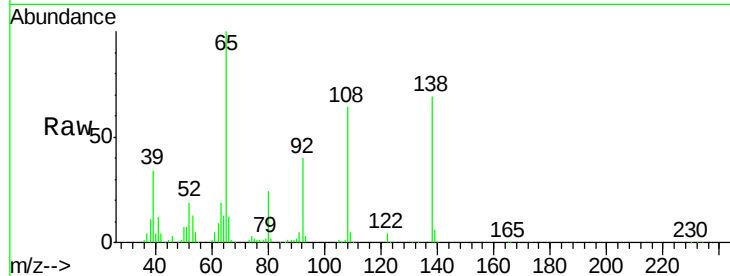
#61
4-Nitroaniline
Concen: 41.87 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.4	24.7	64.7
108	93.7	37.4	77.4#

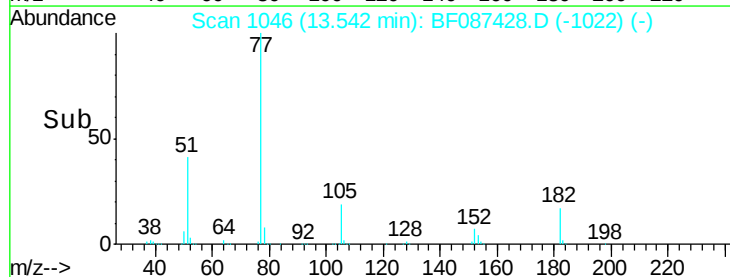
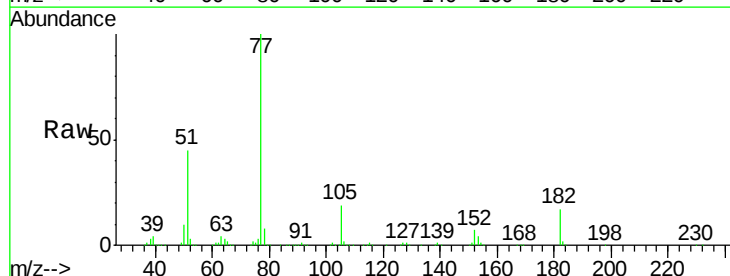
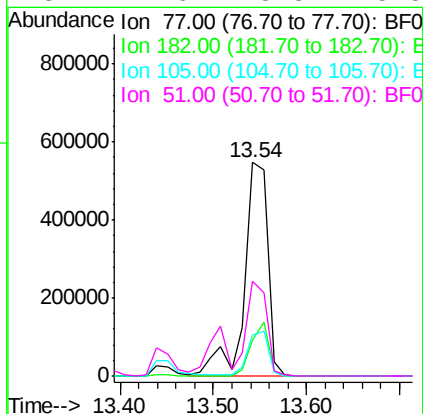
Manual Integrations
APPROVED

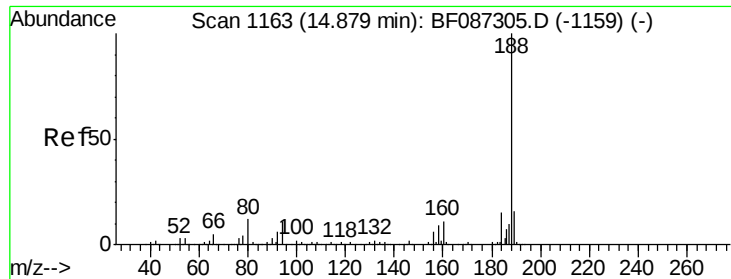
sohil
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#62
Azobenzene
Concen: 41.27 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.9	0.0	38.8
105	18.9	3.2	43.2
51	44.6	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: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

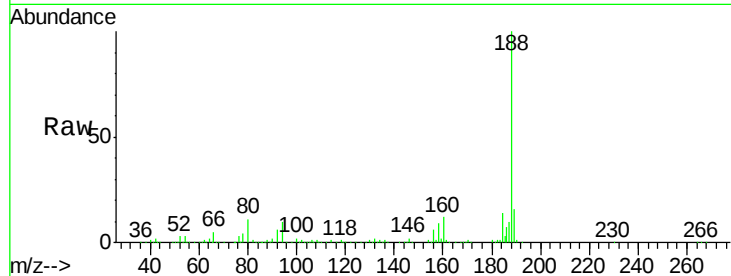
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	539350
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.8	10.2#
80	11.4	7.1	10.7#

Manual Integrations
APPROVED

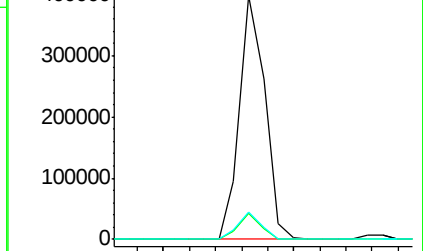
sohil
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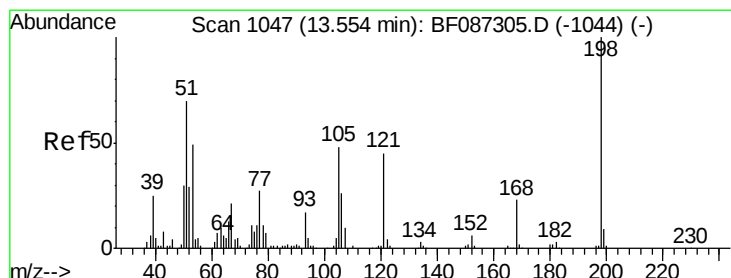
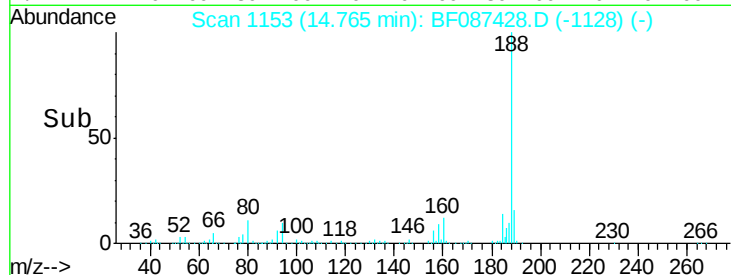
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.88 ng

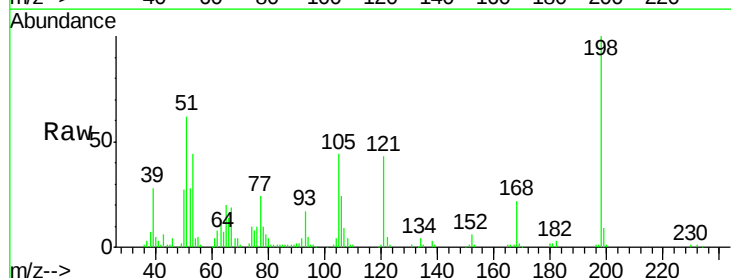
RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

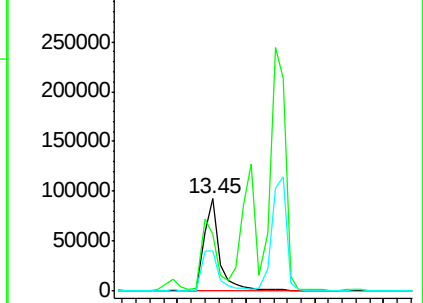
Tgt Ion:	198	Resp:	147048
Ion Ratio	Lower	Upper	
198	100		
51	61.5	20.5	60.5#
105	43.9	24.5	64.5



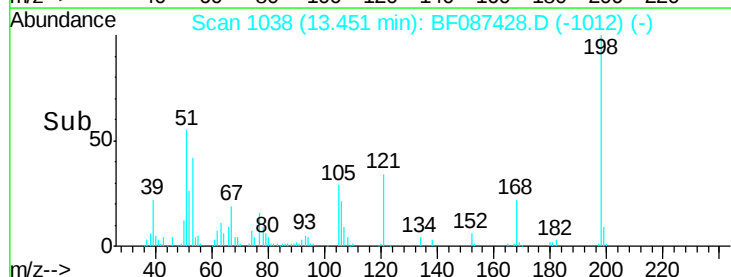
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





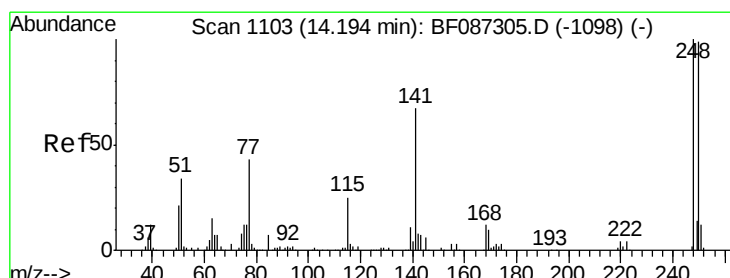
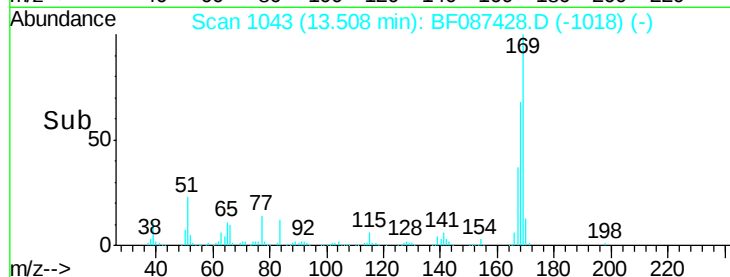
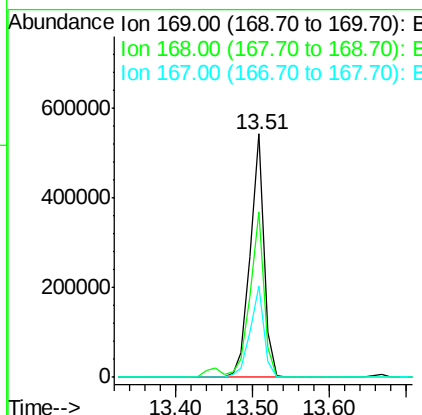
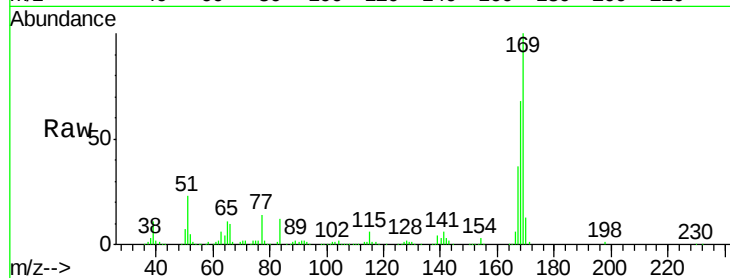
#65
n-Nitrosodiphenylamine
Concen: 38.83 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	677267		
168	68.2	53.8	80.6	
167	37.3	29.5	44.3	

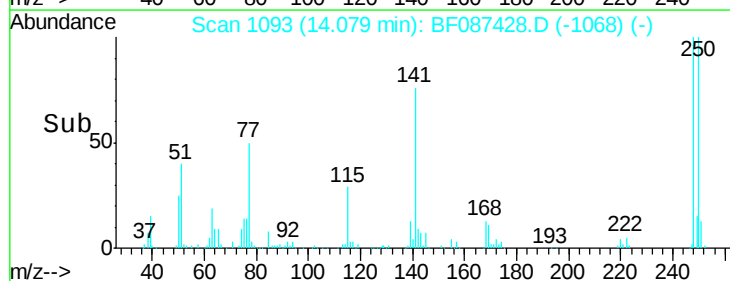
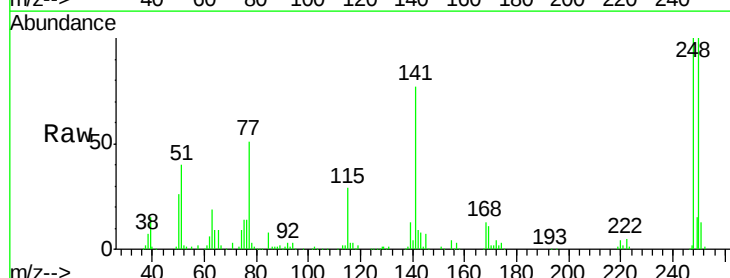
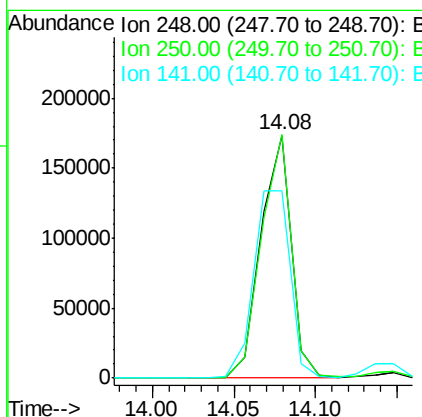
Manual Integrations
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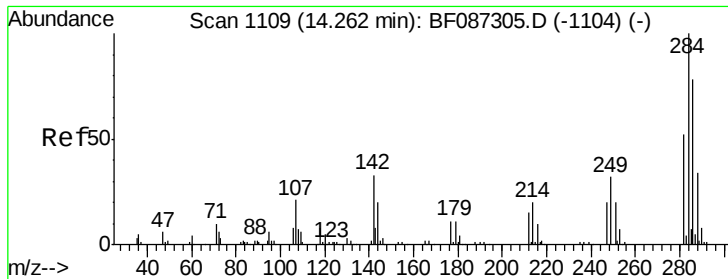
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#66
4-Bromophenyl-phenylether
Concen: 38.34 ng
RT: 14.08 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	226241		
250	100.3	78.6	117.8	
141	76.9	76.0	114.0	





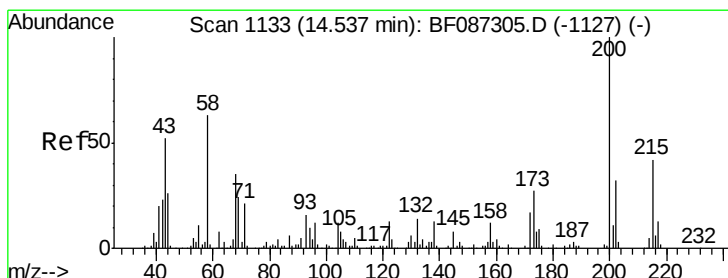
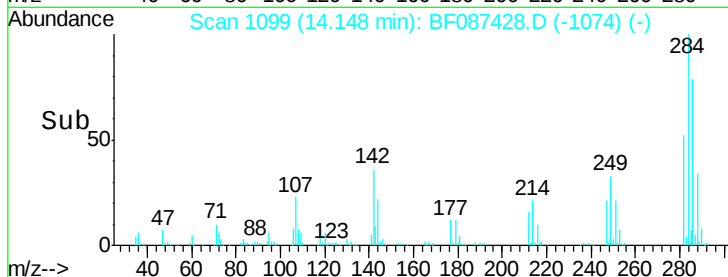
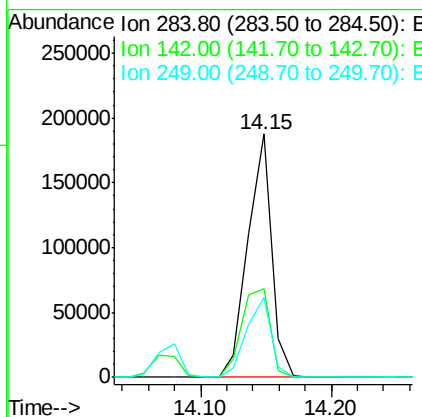
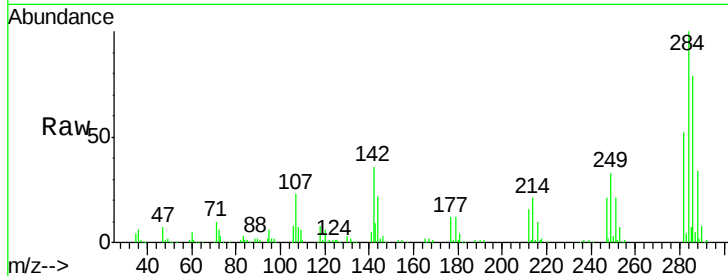
#67
Hexachlorobenzene
Concen: 38.63 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.3	16.7	25.1#	
249	32.8	21.3	31.9#	

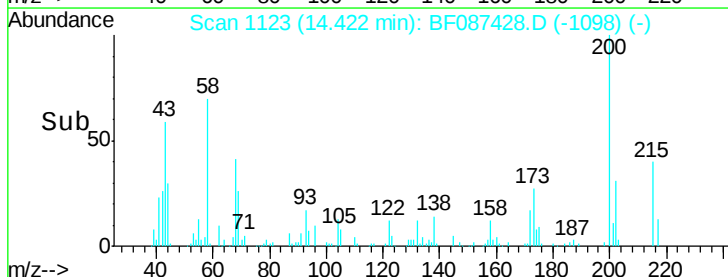
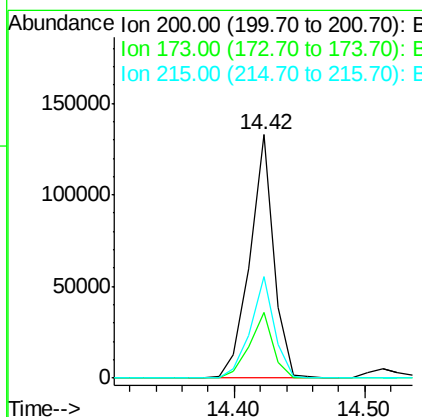
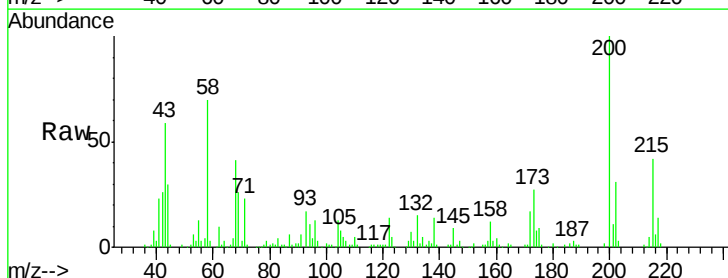
Manual Integrations
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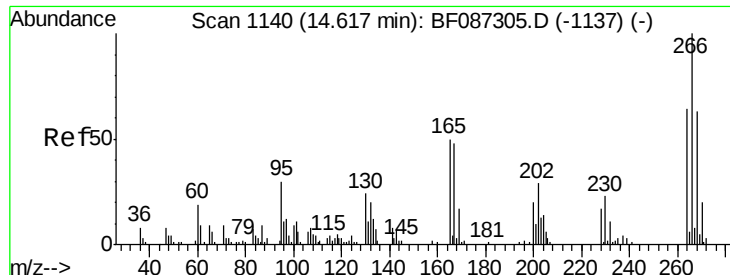
sohil
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#68
Atrazine
Concen: 30.66 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	8.5	48.5	
215	41.8	27.2	67.2	





#69

Pentachlorophenol

Concen: 37.83 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

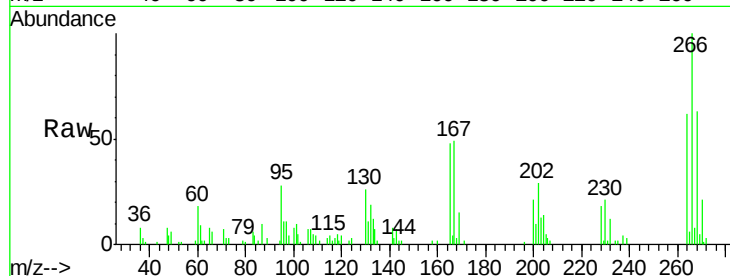
ClientSampleId :

SSTDCCC040EC

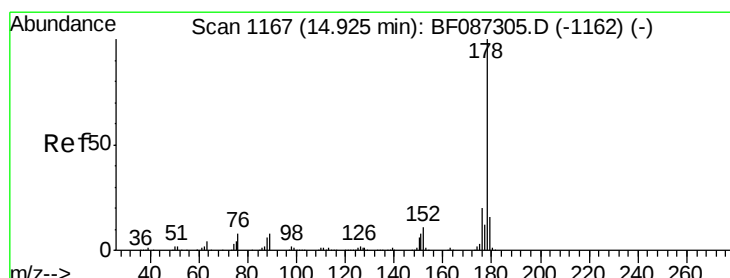
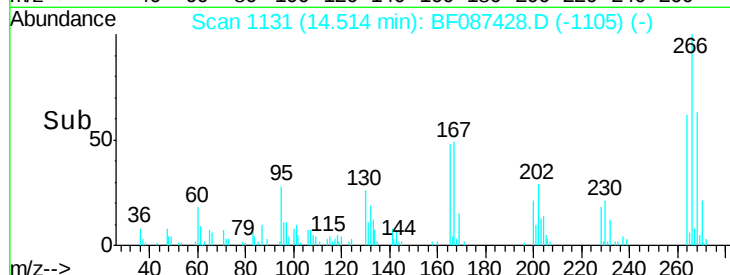
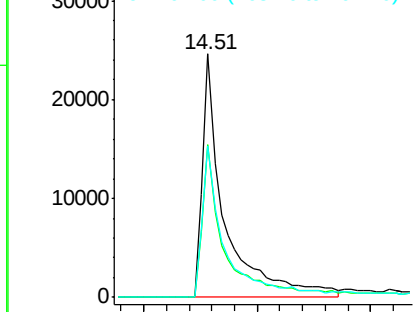
Tot Ion:	266	Resp:	65784
Ion Ratio	Lower	Upper	
266	100		
268	62.5	51.5	77.3
264	62.3	52.9	79.3

Manual Integrations
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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: 39.28 ng

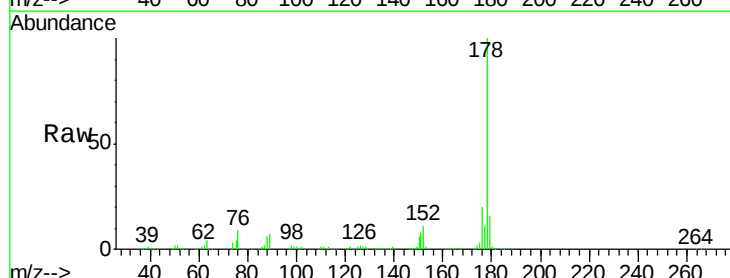
RT: 14.81 min Scan# 1157

Delta R.T. -0.01 min

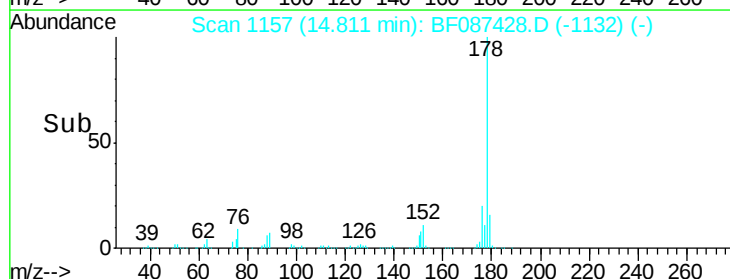
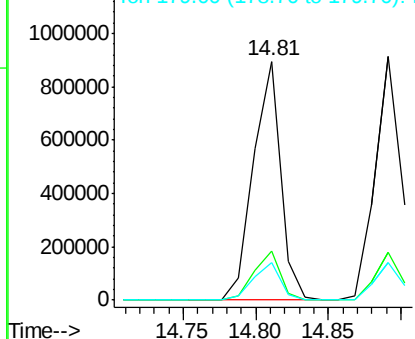
Lab File: BF087428.D

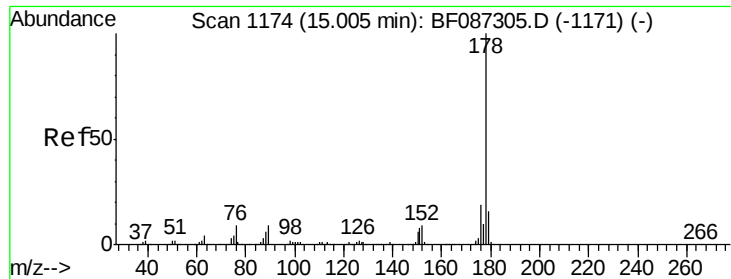
Acq: 27 May 2016 2:26

Tgt Ion:	178	Resp:	1173569
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.0	24.0
179	15.5	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





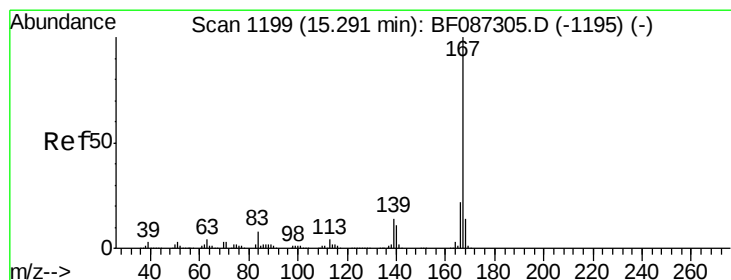
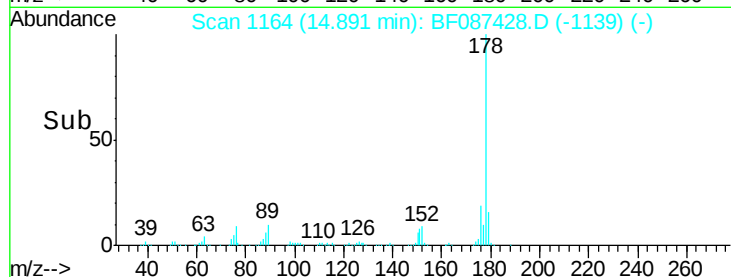
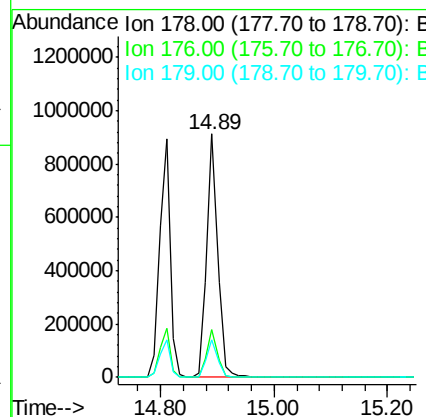
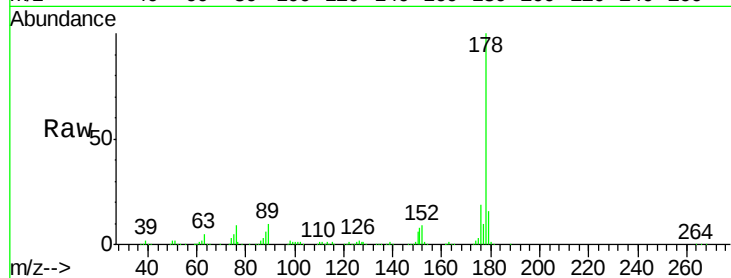
#71
 Anthracene
 Concen: 39.11 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1180353
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.6 12.7 19.1

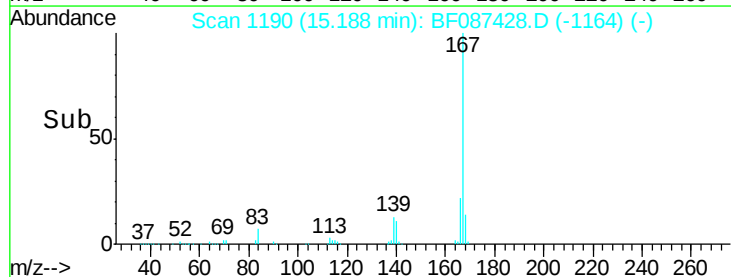
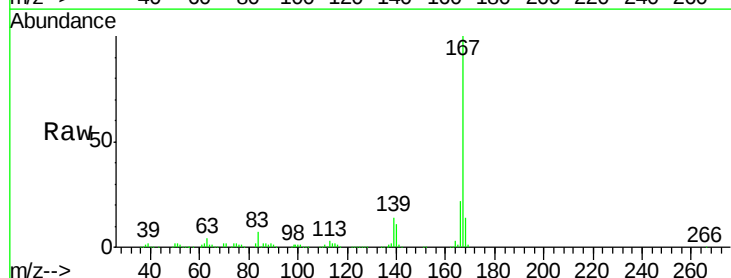
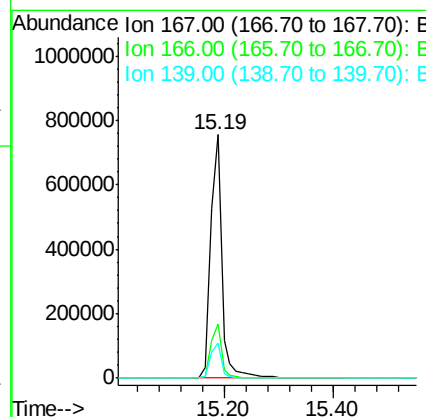
Manual Integrations
 APPROVED

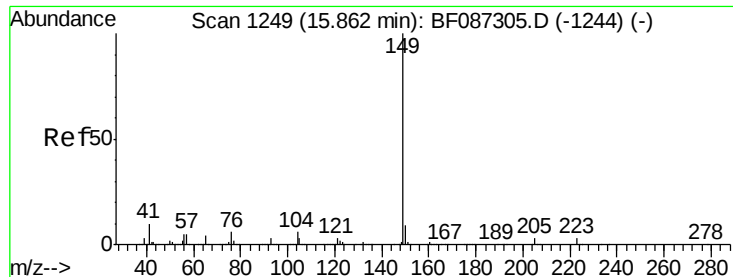
sohil
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#72
 Carbazole
 Concen: 41.59 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion:167 Resp: 1070635
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 37.18 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1237586

Ion Ratio Lower Upper

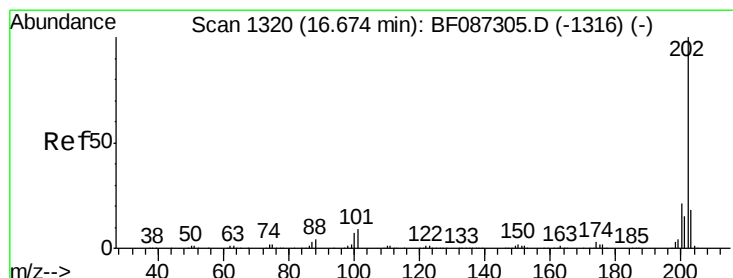
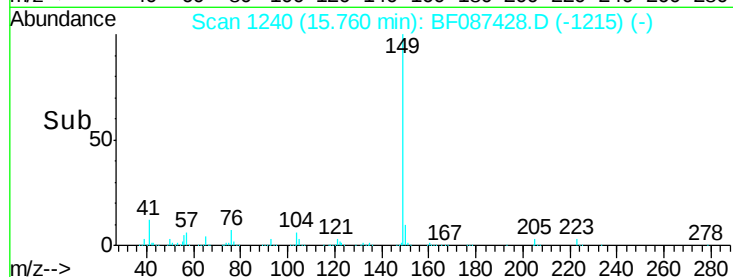
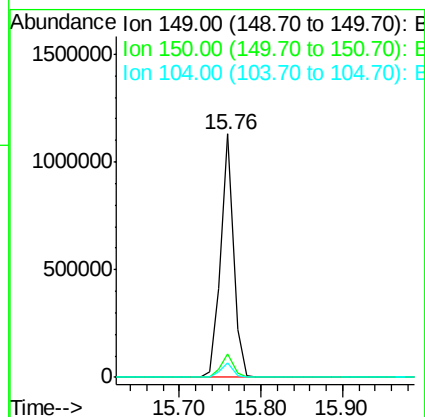
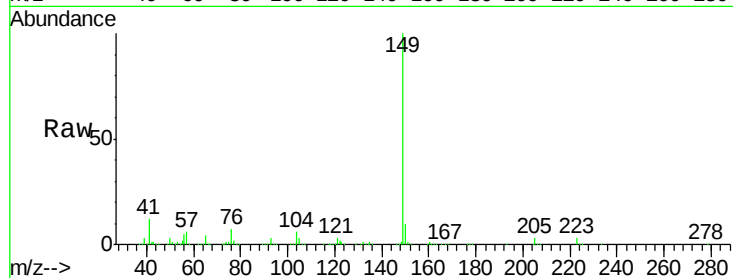
149 100

150 9.6 7.6 11.4

104 6.2 3.8 5.6#

Manual Integrations
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#74

Fluoranthene

Concen: 40.47 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

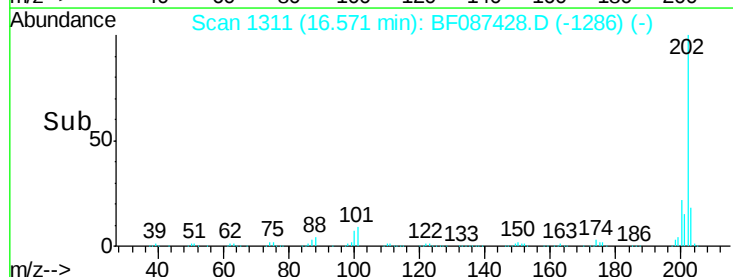
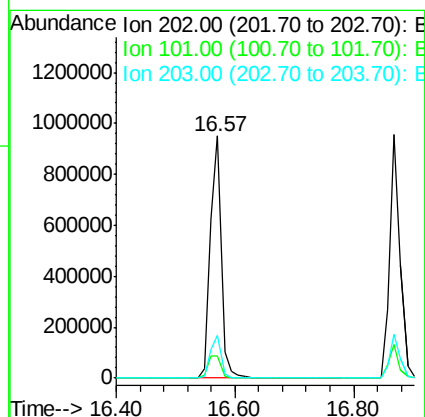
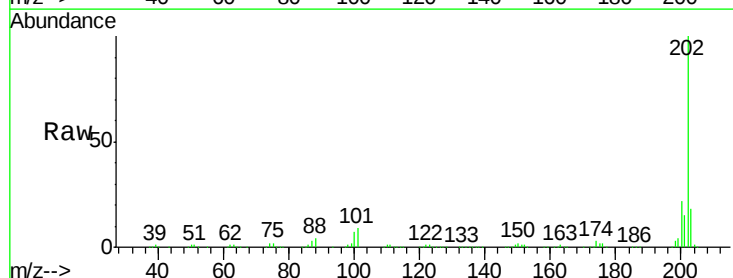
Tgt Ion:202 Resp: 1212413

Ion Ratio Lower Upper

202 100

101 9.1 0.0 35.4

203 17.6 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: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

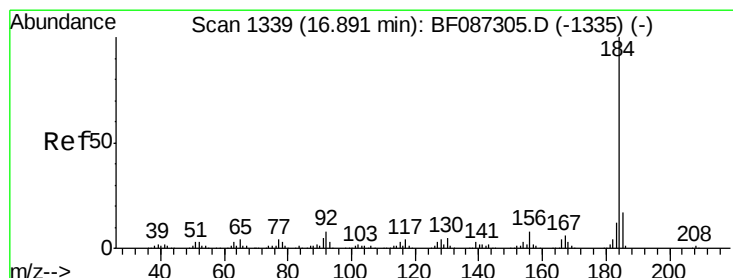
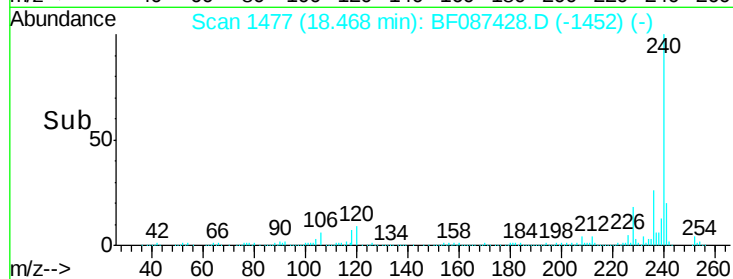
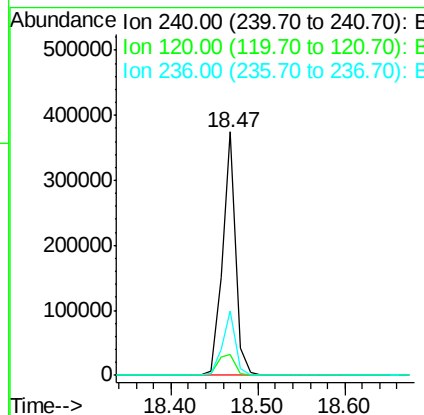
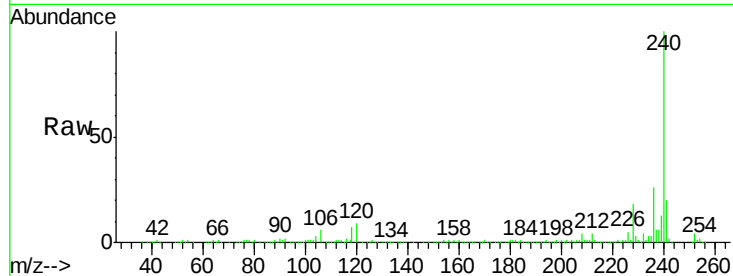
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	399403
Ion Ratio	Lower	Upper	
240	100		
120	8.7	11.2	16.8#
236	26.5	21.2	31.8

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#76

Benzidine

Concen: 40.63 ng

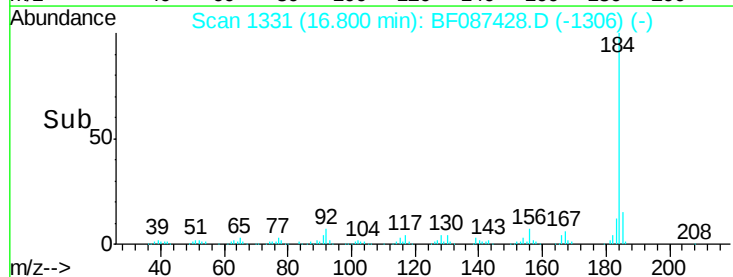
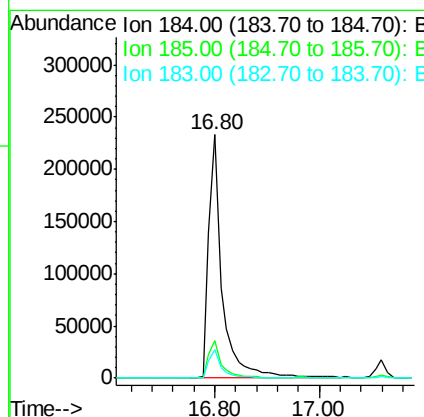
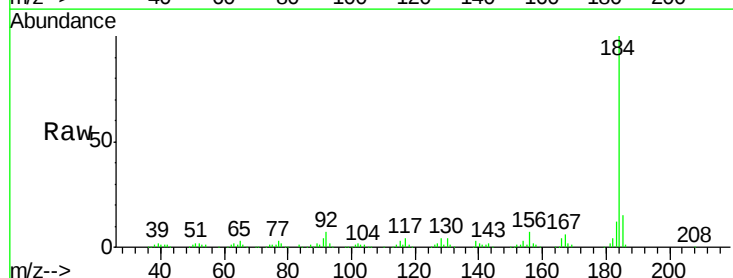
RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087428.D

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Tgt Ion:	184	Resp:	417576
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.8	9.8	14.6





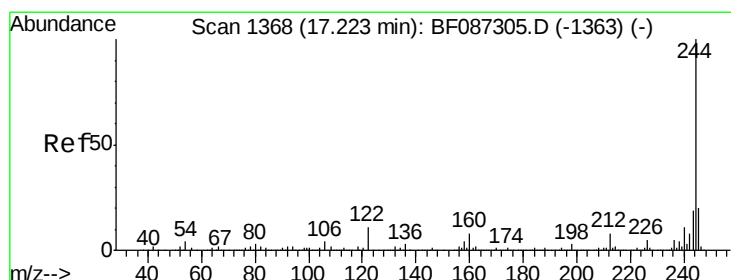
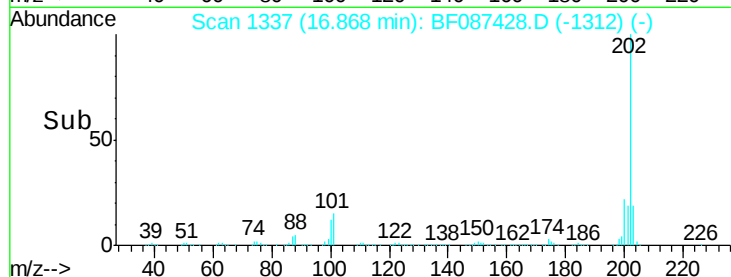
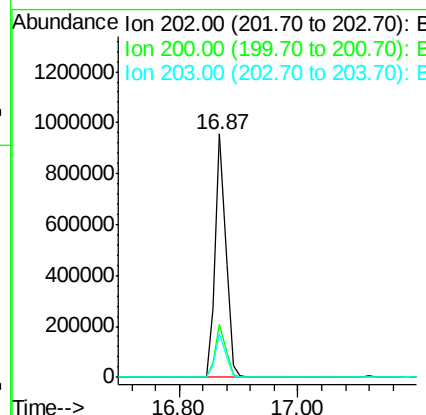
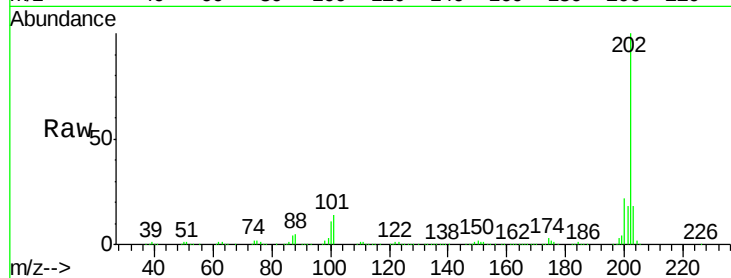
#77
Pvrene
Concen: 41.41 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.3	14.2	21.4

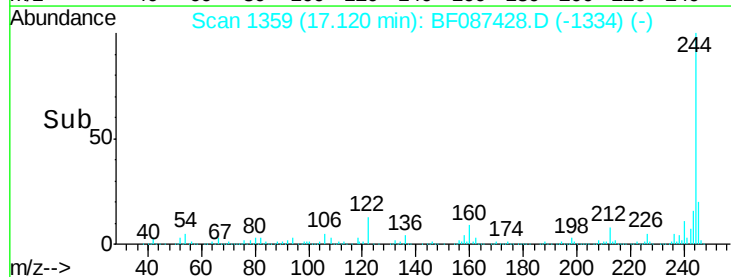
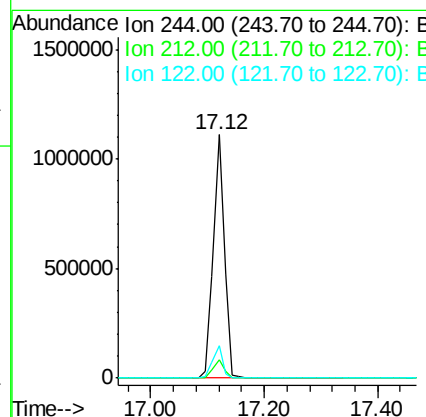
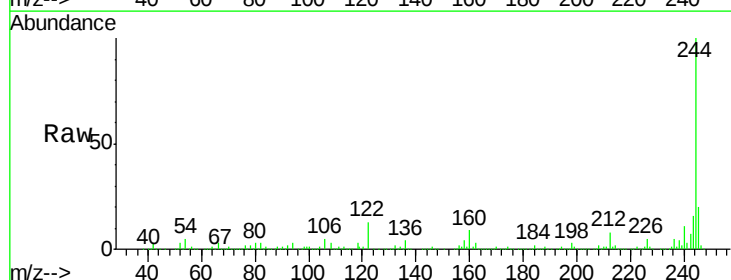
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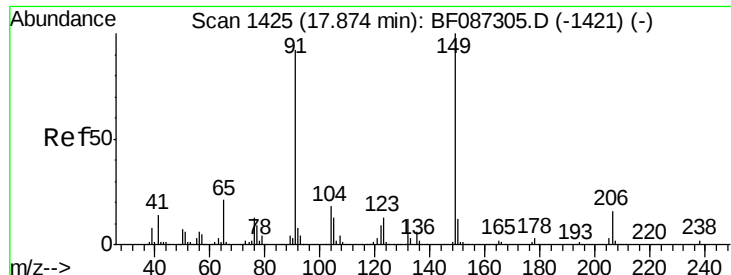
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#78
Terphenyl-d14
Concen: 77.19 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.2	12.0	18.0





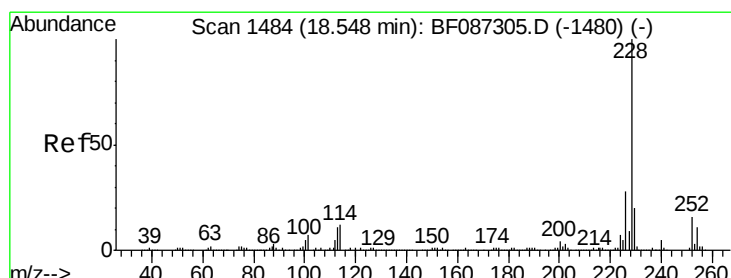
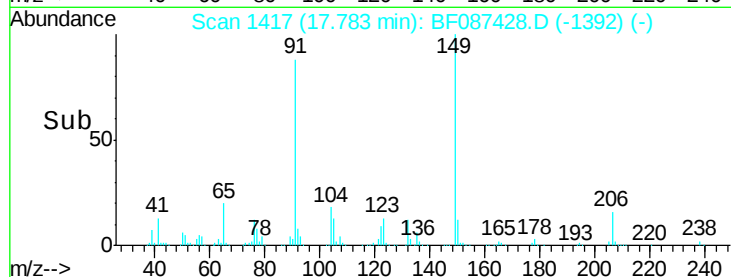
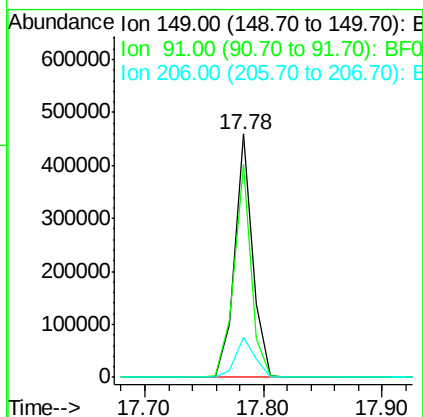
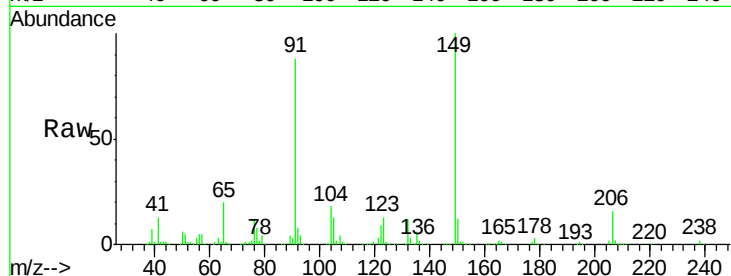
#79
Butylbenzylphthalate
Concen: 37.99 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484376		
91	87.6	48.0	72.0#	
206	16.3	15.8	23.6	

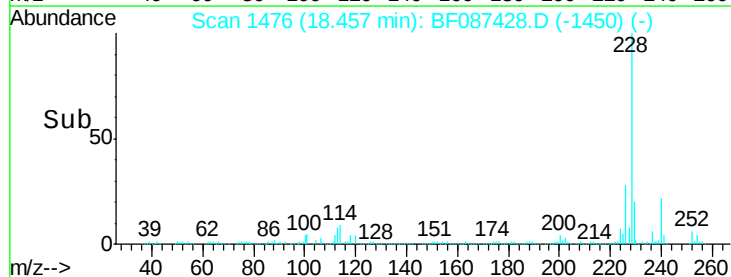
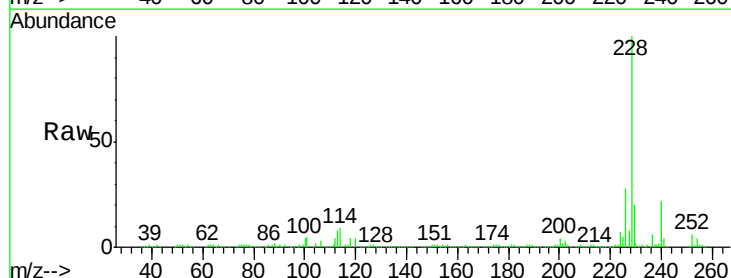
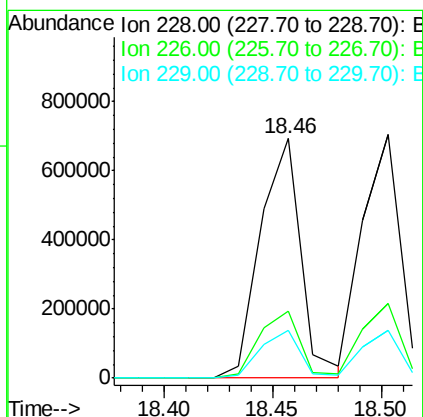
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#80
Benzo(a)anthracene
Concen: 39.91 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	906803		
226	27.9	22.5	33.7	
229	19.9	16.6	25.0	





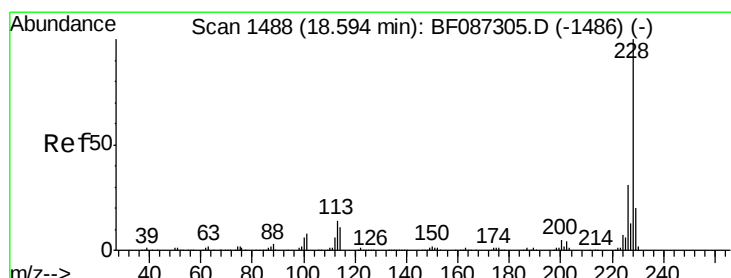
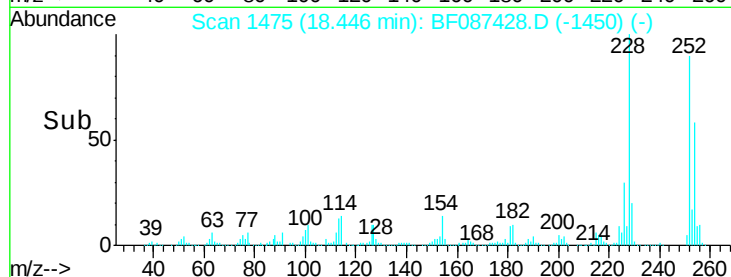
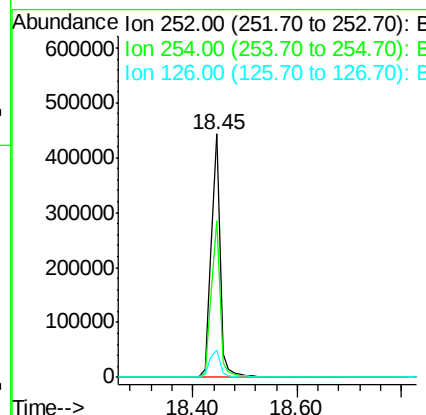
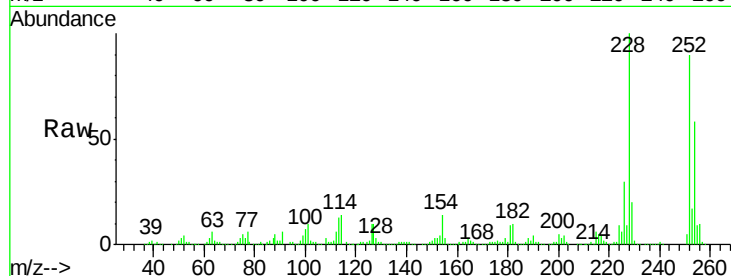
#81
 3,3'-Dichlorobenzidine
 Concen: 41.48 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.4	50.7	76.1	
126	11.1	12.7	19.1	

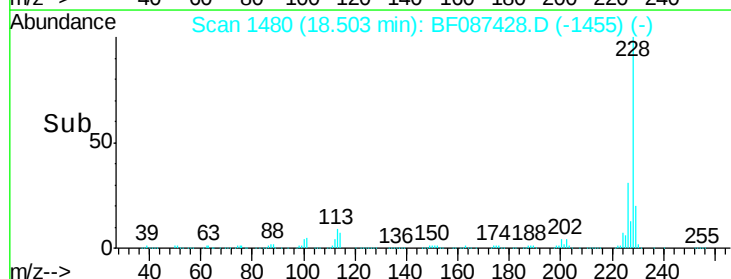
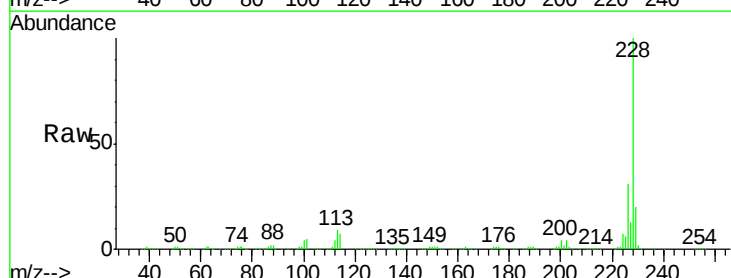
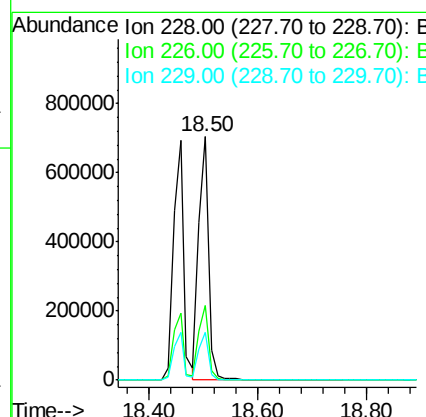
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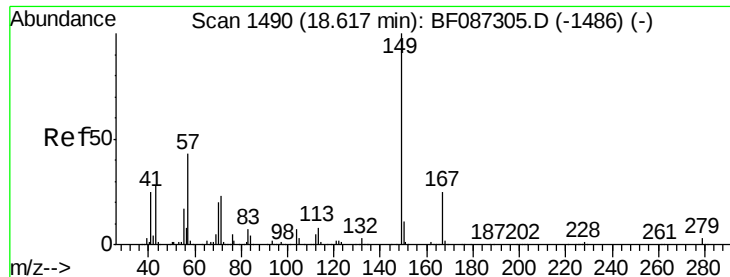
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#82
 Chrysene
 Concen: 39.04 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.9	24.4	36.6	
229	19.6	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.73 ng

RT: 18.53 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

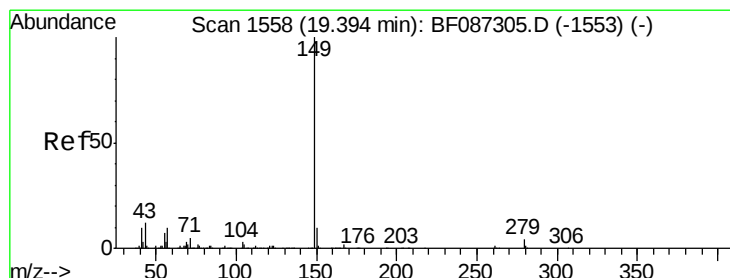
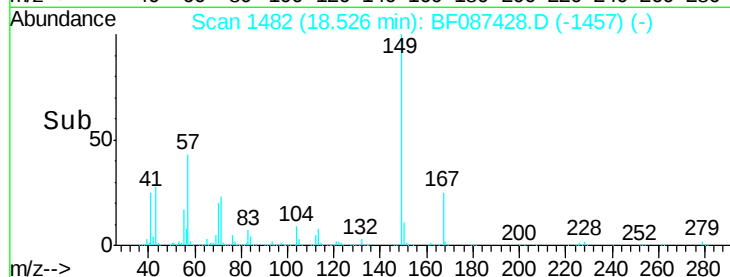
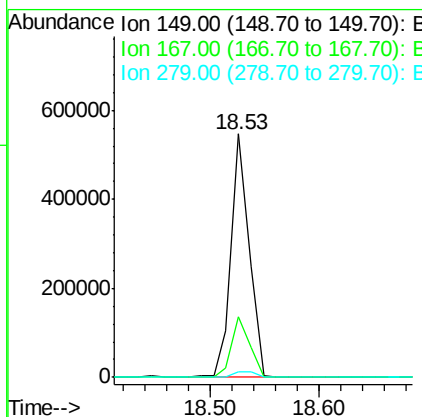
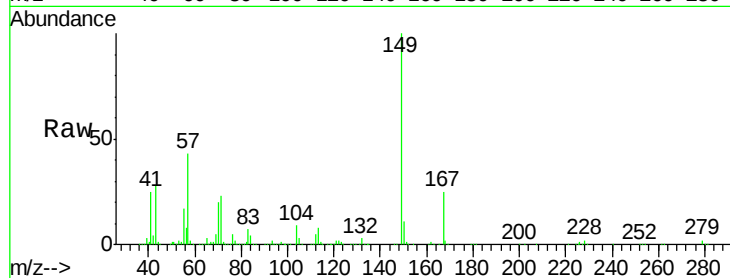
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	627523
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.8	32.6
279	2.3	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 32.22 ng

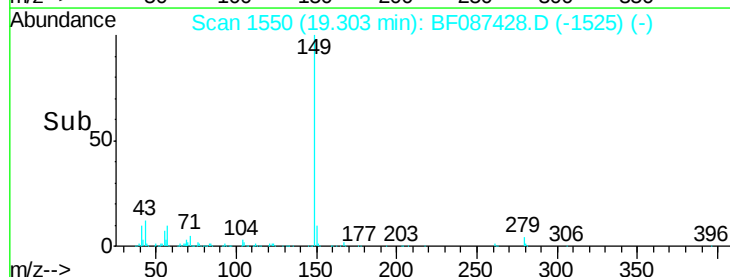
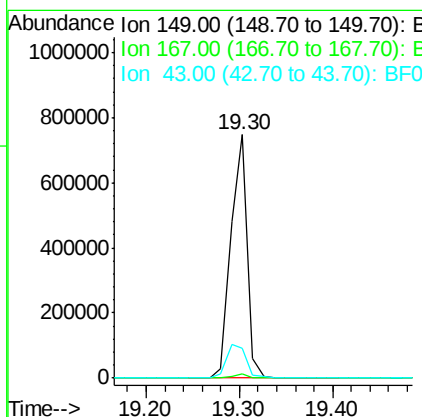
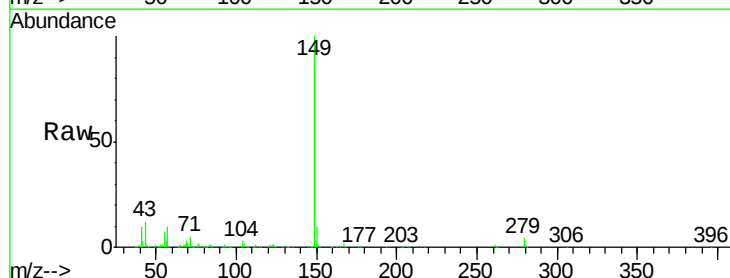
RT: 19.30 min Scan# 1550

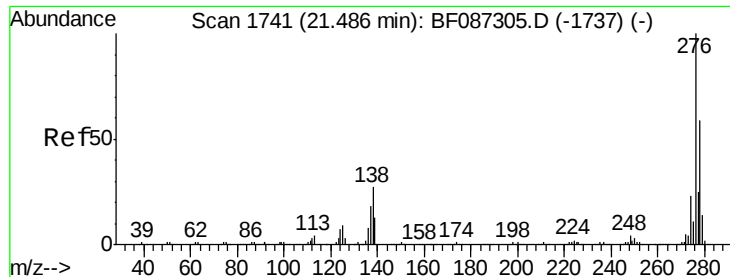
Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion:	149	Resp:	914036
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.6	8.2	12.4#





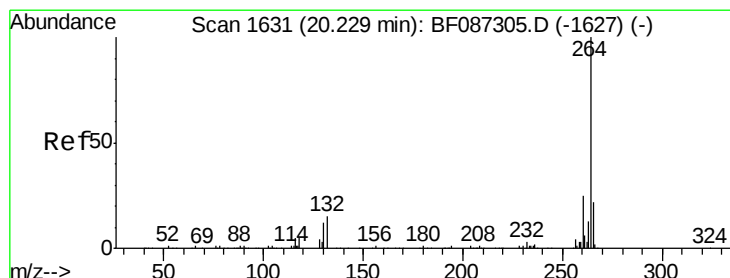
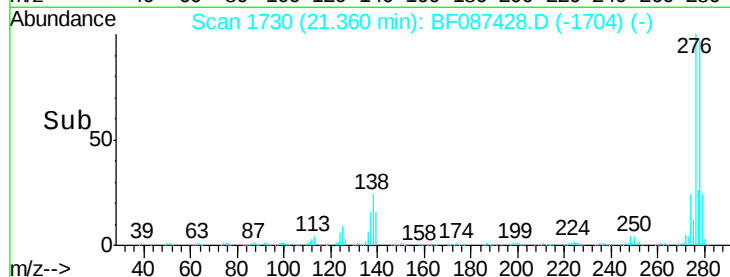
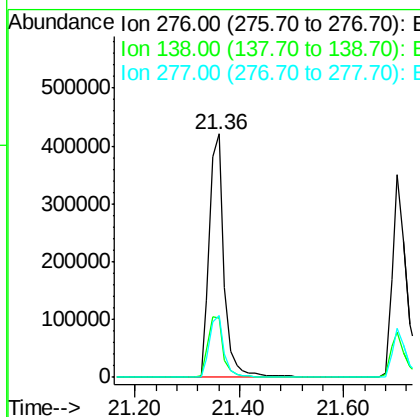
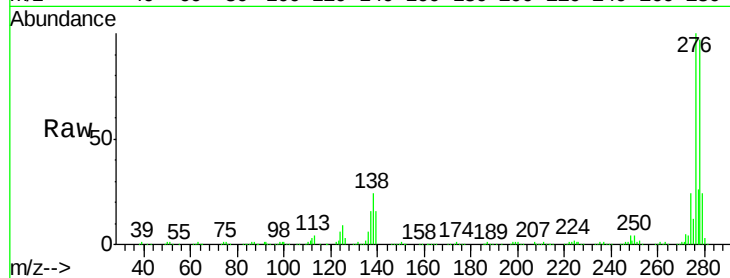
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.98 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
277	25.3	20.5	30.7

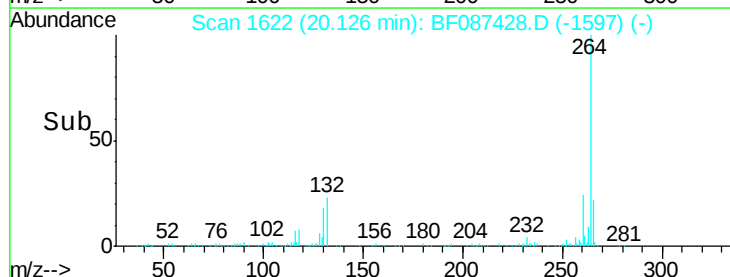
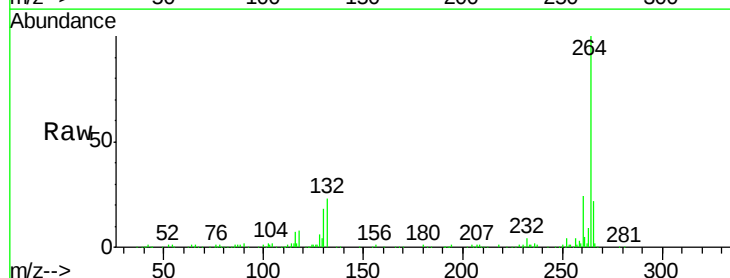
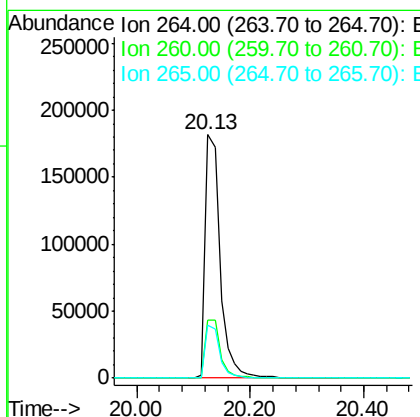
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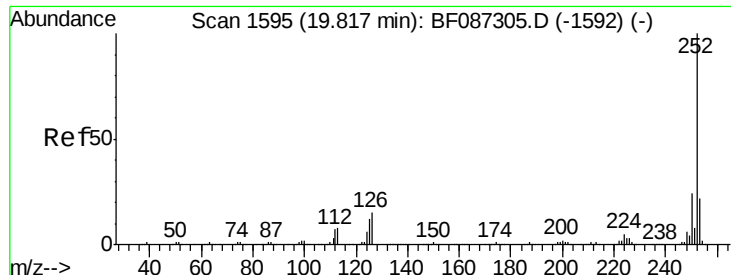
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.38 ng m

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Instrument :

BNA_F

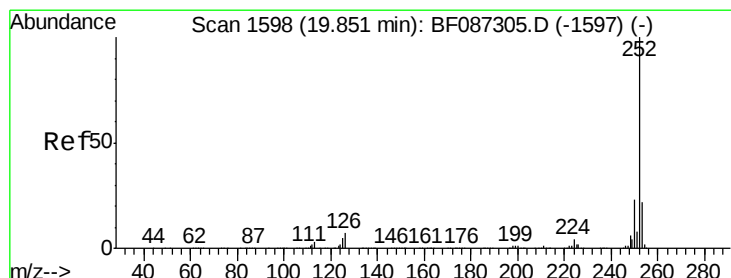
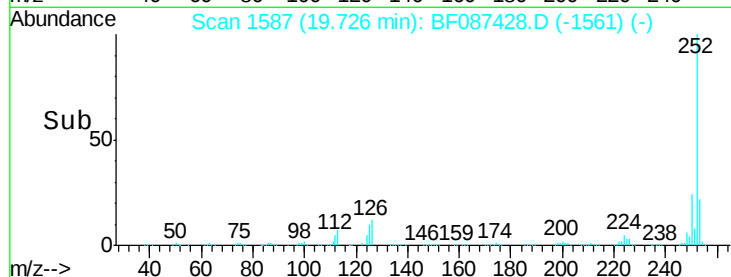
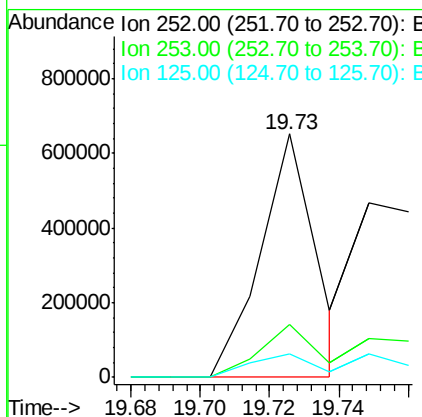
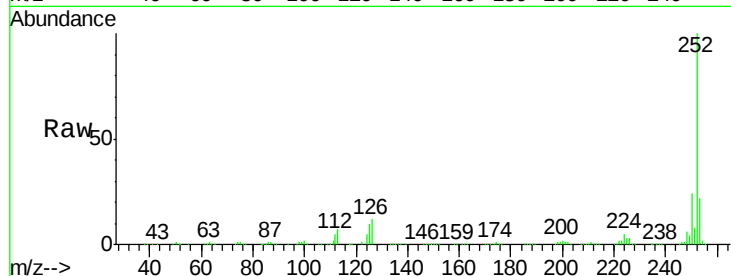
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.5	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 42.22 ng m

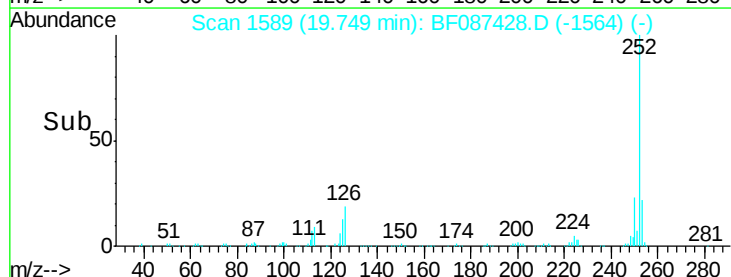
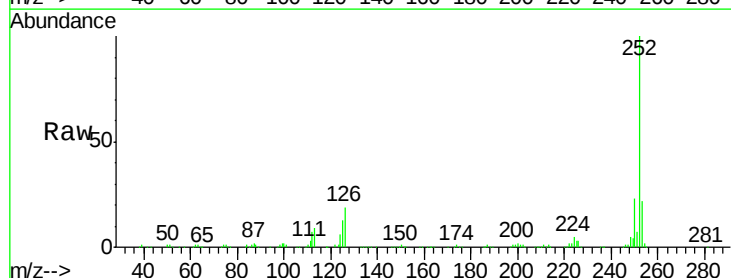
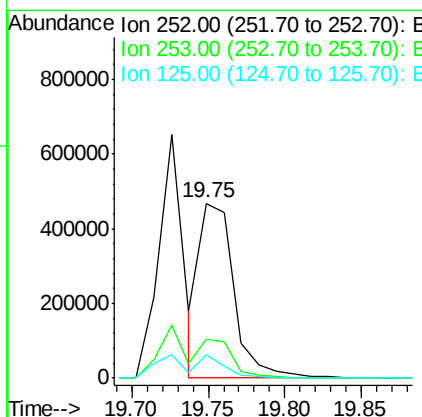
RT: 19.75 min Scan# 1589

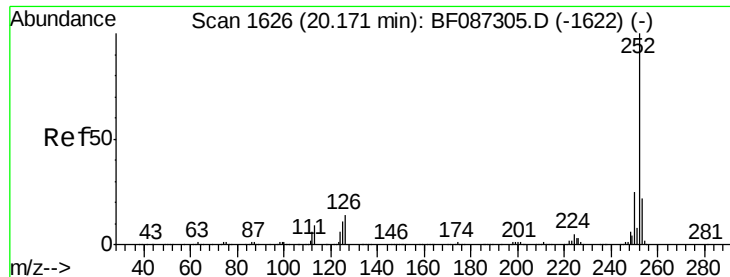
Delta R.T. -0.01 min

Lab File: BF087428.D

Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.1	9.1	13.7





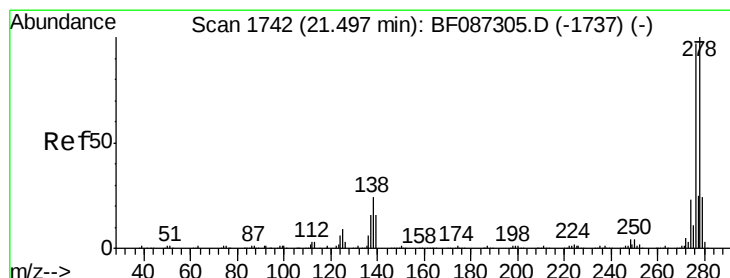
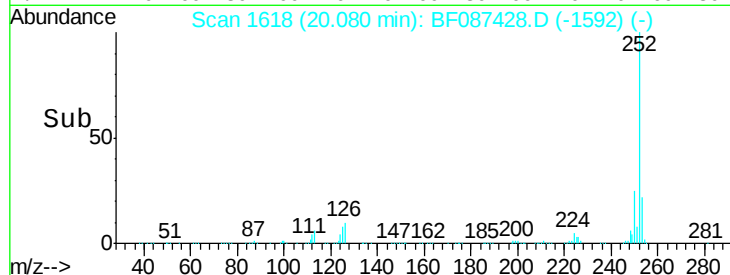
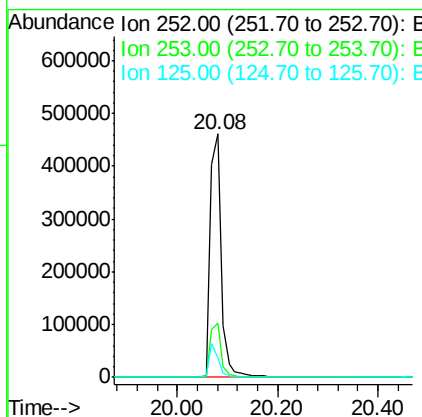
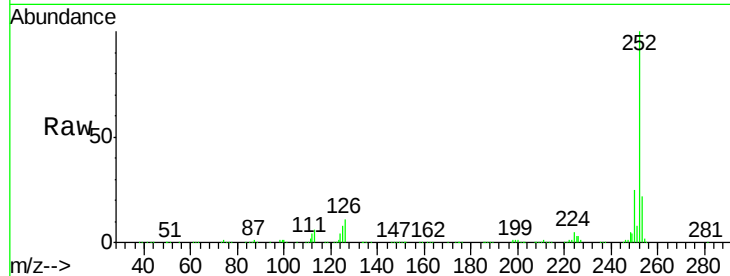
#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	8.2	9.0	13.6

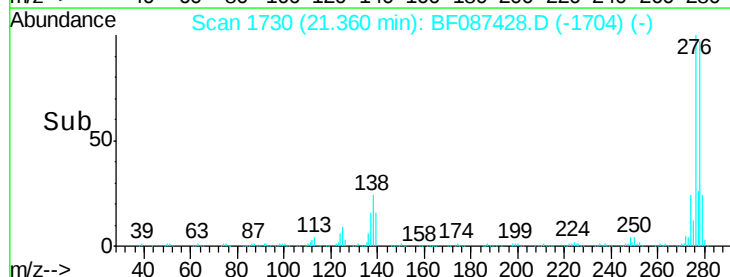
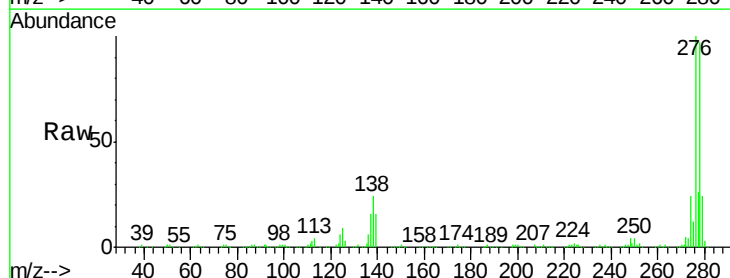
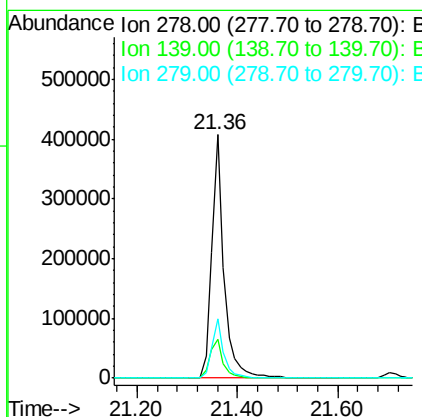
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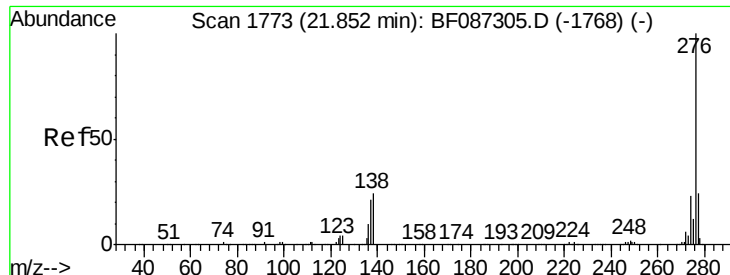
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#90
Dibenzo(a,h)anthracene
Concen: 45.82 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087428.D
Acq: 27 May 2016 2:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.6	24.8
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.05 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087428.D
 Acq: 27 May 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	19.6	29.4
138	22.5	23.6	35.4

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