

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087321.D
 Acq On : 24 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 5/24/2016 7:39:36 PM

Quant Time: May 24 05:55:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	189199	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	768577	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	349151	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	656151	20.00	ng	0.00
75) Chrysene-d12	18.56	240	474965	20.00	ng	0.00
86) Perylene-d12	20.23	264	377716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	930250	86.40	ng	0.00
7) Phenol-d6	7.16	99	1165808	80.13	ng	0.00
23) Nitrobenzene-d5	8.54	82	1234221	80.93	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	272066	81.09	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1862782	75.21	ng	0.00
78) Terphenyl-d14	17.22	244	1870664	83.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	231395	40.73	ng	# 76
3) Pyridine	2.55	79	490808	39.52	ng	# 68
4) n-Nitrosodimethylamine	2.52	42	419524	43.84	ng	# 47
6) Aniline	7.12	93	770250	40.92	ng	93
8) 2-Chlorophenol	7.29	128	535881	39.91	ng	86
9) Benzaldehyde	6.94	77	290132	36.12	ng	96
10) Phenol	7.18	94	555492	34.96	ng	77
11) bis(2-Chloroethyl)ether	7.26	93	505553	39.32	ng	84
12) 1,3-Dichlorobenzene	7.52	146	579125	39.54	ng	96
13) 1,4-Dichlorobenzene	7.64	146	594630	39.55	ng	96
14) 1,2-Dichlorobenzene	7.87	146	546259	39.28	ng	97
15) Benzyl Alcohol	7.91	79	436064	41.11	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1120103	38.71	ng	91
17) 2-Methylphenol	8.12	107	426284	39.61	ng	# 89
18) Hexachloroethane	8.39	117	221436	39.48	ng	99
19) n-Nitroso-di-n-propylamine	8.34	70	432549	39.87	ng	# 73
20) 3+4-Methylphenols	8.38	107	540609	41.56	ng	# 60
22) Acetophenone	8.31	105	741178	40.37	ng	# 98
24) Nitrobenzene	8.57	77	660351	41.02	ng	95
25) Isophorone	8.96	82	1104675	40.39	ng	99
26) 2-Nitrophenol	9.06	139	279243	42.44	ng	# 66
27) 2,4-Dimethylphenol	9.20	122	460252	40.29	ng	86
28) bis(2-Chloroethoxy)methane	9.34	93	615492	39.95	ng	99
29) 2,4-Dichlorophenol	9.47	162	430496	41.82	ng	97
30) 1,2,4-Trichlorobenzene	9.58	180	473005	40.14	ng	98
31) Naphthalene	9.68	128	1511401	39.24	ng	99
32) Benzoic acid	9.55	122	212298	37.54	ng	88
33) 4-Chloroaniline	9.82	127	565732	39.88	ng	# 90
34) Hexachlorobutadiene	9.90	225	287783	40.17	ng	97
35) Caprolactam	10.49	113	130310m	43.37	ng	
36) 4-Chloro-3-methylphenol	10.68	107	490198	42.12	ng	95
37) 2-Methylnaphthalene	10.81	142	958562	39.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.09	216	445238	39.84	ng	98
40) Hexachlorocyclopentadiene	11.05	237	149779	38.17	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	268169	41.57	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	270153	41.12	ng	# 92
45) 1,1'-Biphenyl	11.58	154	1131940	38.51	ng	97
46) 2-Chloronaphthalene	11.60	162	888955	39.53	ng	97
47) 2-Nitroaniline	11.81	65	336590	41.54	ng	# 76
48) Acenaphthylene	12.25	152	1390580	39.06	ng	99
49) Dimethylphthalate	12.14	163	1111201	39.73	ng	100
50) 2,6-Dinitrotoluene	12.23	165	232492	41.25	ng	# 87
51) Acenaphthene	12.54	154	852345	38.95	ng	99
52) 3-Nitroaniline	12.49	138	231650	40.05	ng	# 82
53) 2,4-Dinitrophenol	12.69	184	103832	39.60	ng	# 73
54) Dibenzofuran	12.82	168	1169032	39.45	ng	97
55) 4-Nitrophenol	12.87	139	117149	42.46	ng	# 59
56) 2,4-Dinitrotoluene	12.88	165	309641	41.11	ng	# 90
57) Fluorene	13.37	166	999120	38.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	215534	42.65	ng	99
59) Diethylphthalate	13.28	149	1043432	38.37	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	499520	39.87	ng	# 84
61) 4-Nitroaniline	13.51	138	232669	43.10	ng	# 77
62) Azobenzene	13.66	77	1160933	41.15	ng	87
64) 4,6-Dinitro-2-methylphenol	13.55	198	178730	42.84	ng	# 82
65) n-Nitrosodiphenylamine	13.62	169	851601	40.13	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	285269	39.74	ng	96
67) Hexachlorobenzene	14.26	284	296443	39.49	ng	# 82
68) Atrazine	14.54	200	275012	40.66	ng	93
69) Pentachlorophenol	14.62	266	87076	40.62	ng	98
70) Phenanthrene	14.93	178	1407965	38.74	ng	100
71) Anthracene	15.01	178	1429829	38.94	ng	99
72) Carbazole	15.29	167	1244803	39.75	ng	99
73) Di-n-butylphthalate	15.86	149	1671294	41.27	ng	99
74) Fluoranthene	16.67	202	1408475	38.65	ng	91
76) Benzidine	16.89	184	514976	42.14	ng	99
77) Pyrene	16.97	202	1383319	40.46	ng	100
79) Butylbenzylphthalate	17.87	149	633655	41.79	ng	# 70
80) Benzo(a)anthracene	18.55	228	1064712	39.41	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	579379	38.82	ng	97
82) Chrysene	18.59	228	1032493	38.51	ng	98
83) Bis(2-ethylhexyl)phthalate	18.62	149	893536	40.39	ng	96
84) Di-n-octyl phthalate	19.38	149	1398232	41.44	ng	# 86
85) Indeno(1,2,3-cd)pyrene	21.49	276	884596	41.15	ng	95
87) Benzo(b)fluoranthene	19.82	252	825433m	34.31	ng	
88) Benzo(k)fluoranthene	19.85	252	936817m	45.24	ng	
89) Benzo(a)pyrene	20.17	252	848522	40.78	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	747556	42.12	ng	# 93
91) Benzo(g,h,i)perylene	21.85	276	742065	42.38	ng	94

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

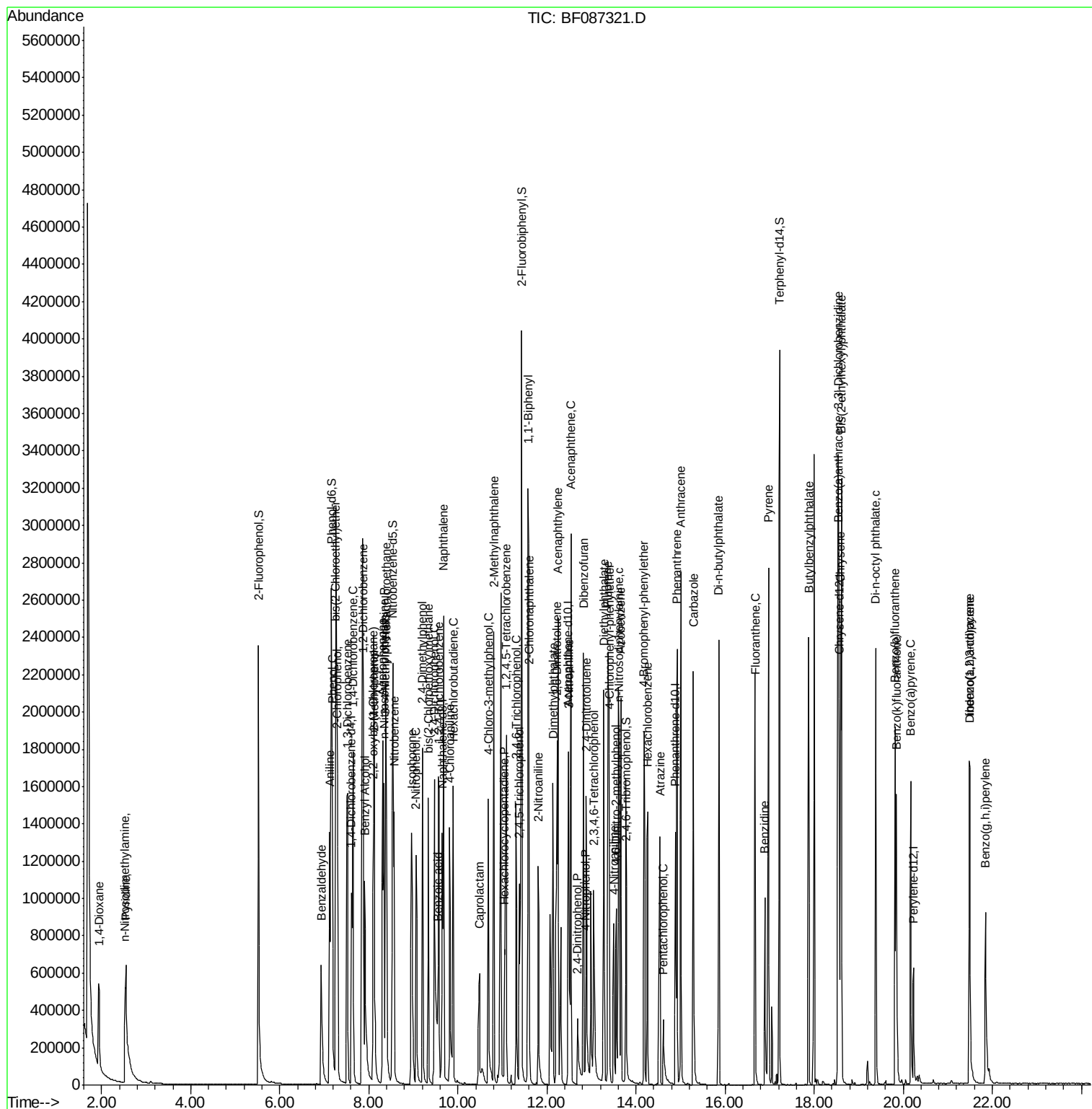
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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ALS Vial : 6 Sample Multiplier: 1

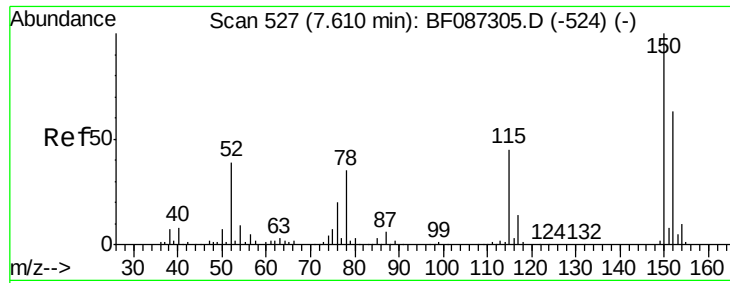
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

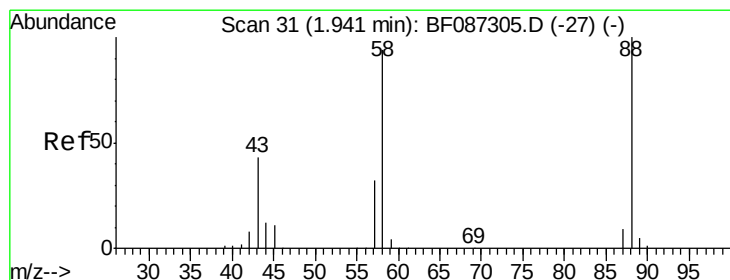
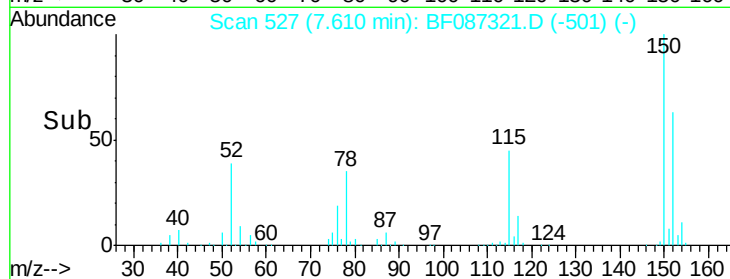
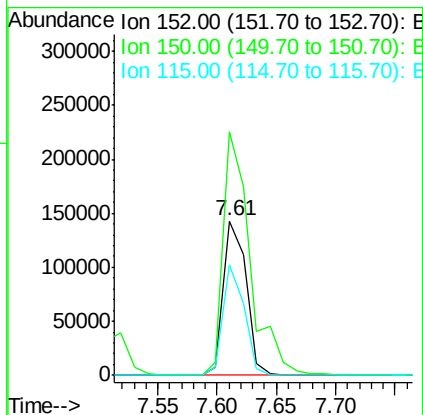
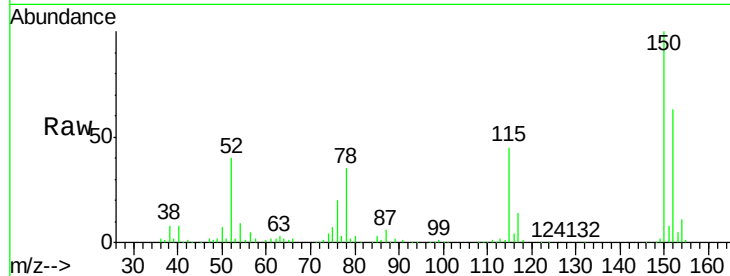
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	189199		
150	157.6	125.8	188.6	
115	71.2	51.5	77.3	

Manual Integrations
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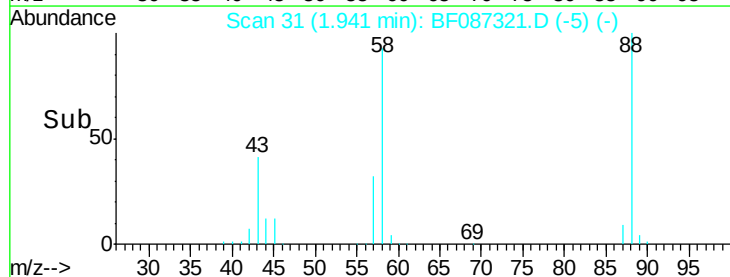
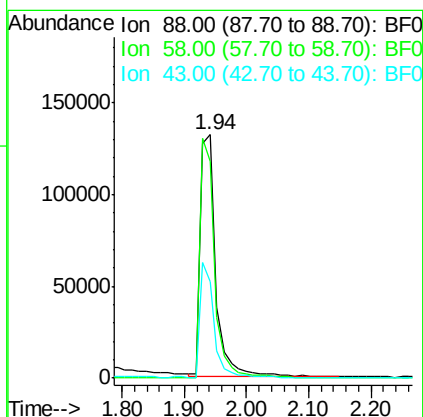
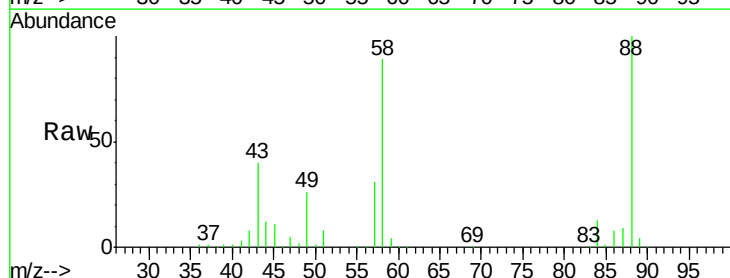
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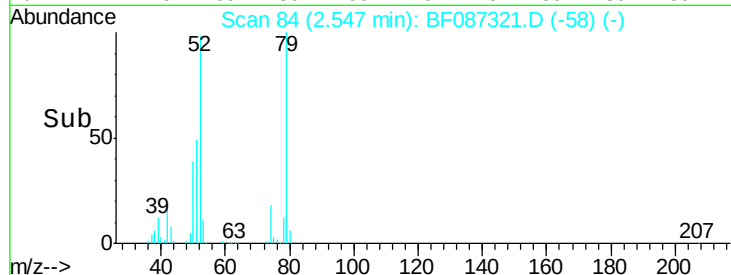
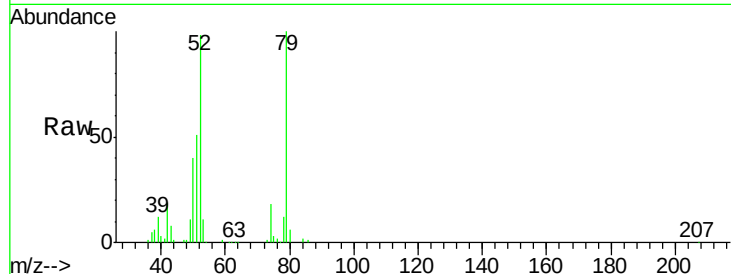
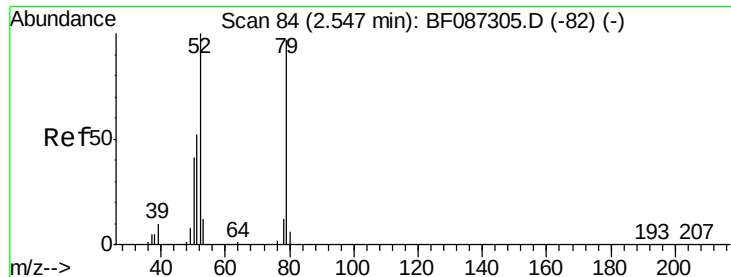


#2

1,4-Dioxane
Concen: 40.73 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	231395		
58	92.5	59.6	89.4#	
43	43.9	21.8	32.6#	





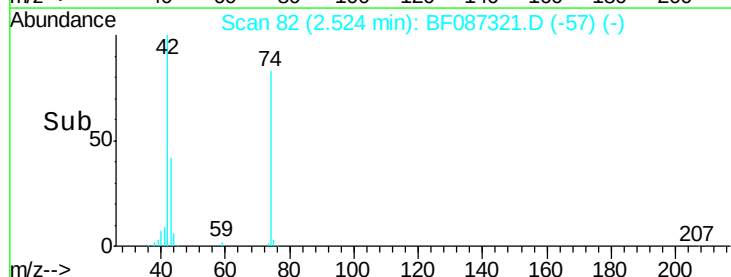
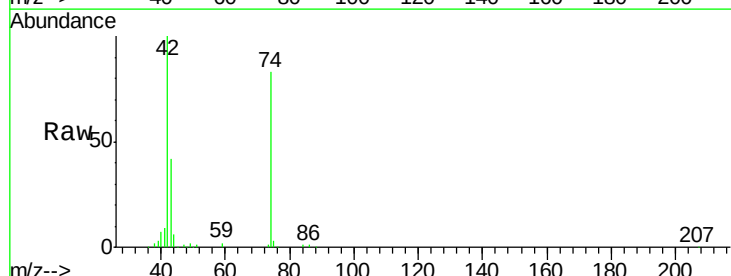
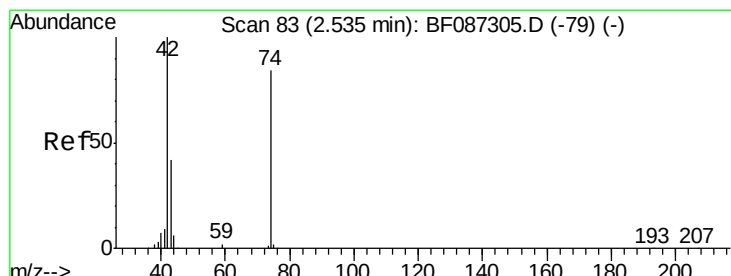
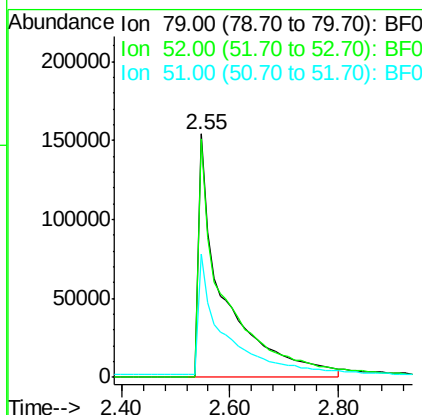
#3
 Pyridine
 Concen: 39.52 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.9	55.9	83.9#
51	50.7	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

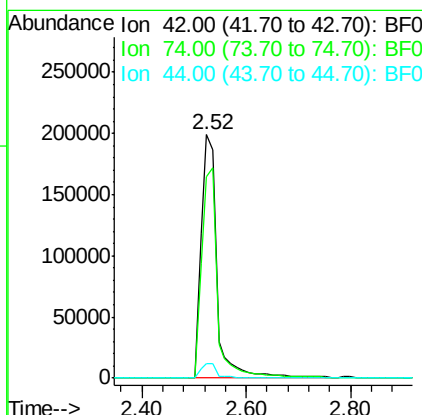
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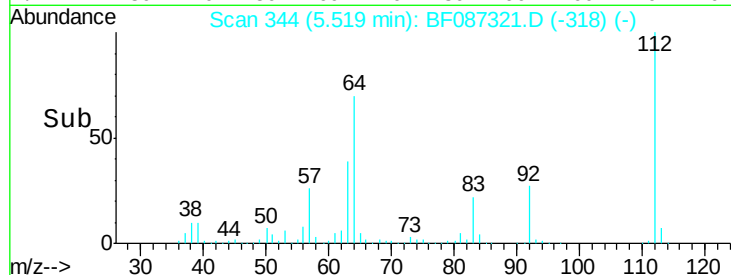
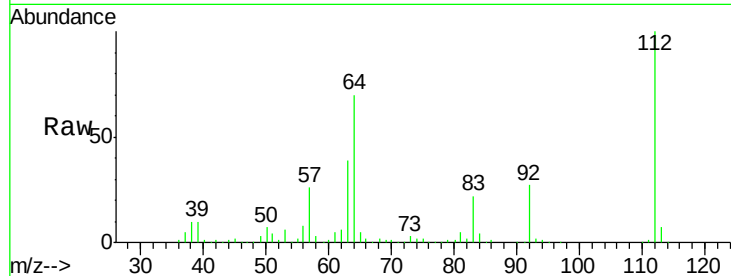
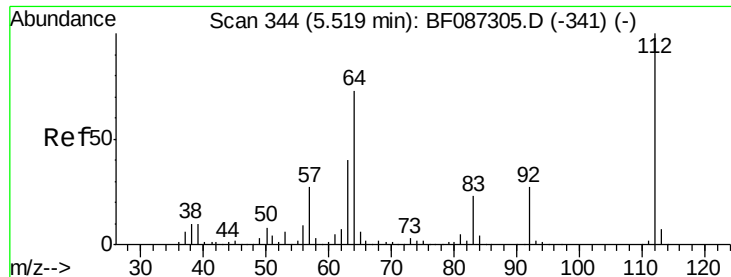
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#4
 n-Nitrosodimethylamine
 Concen: 43.84 ng
 RT: 2.52 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	82.6	123.4	185.0#
44	6.2	5.8	8.6





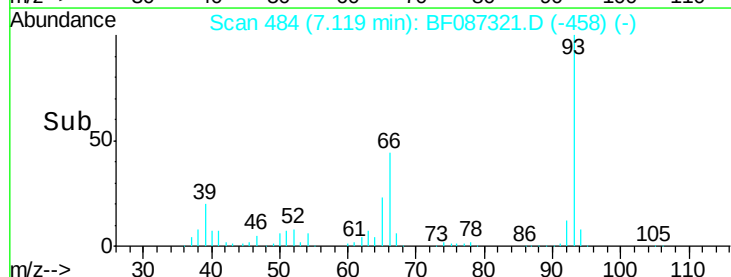
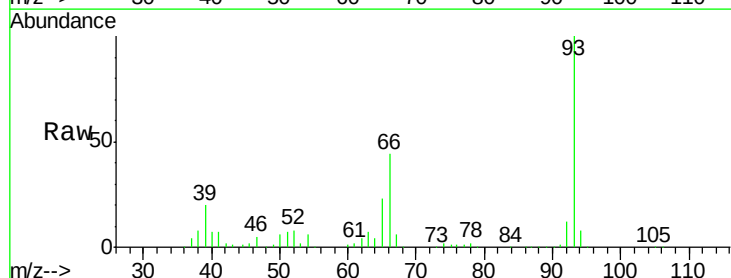
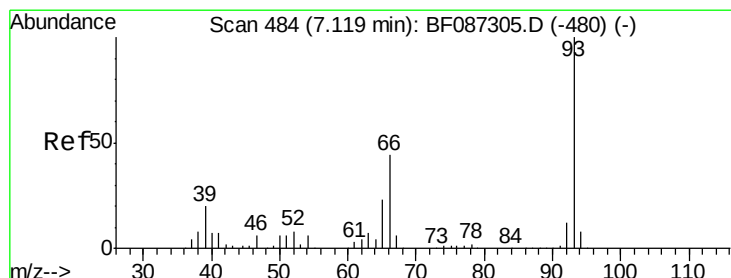
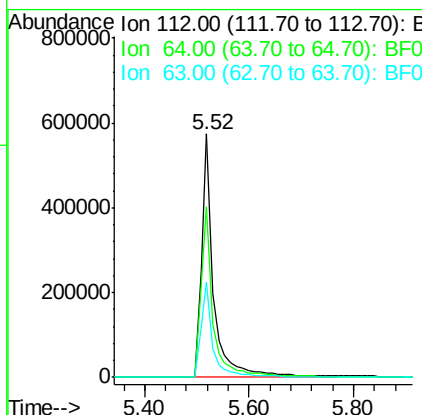
#5
2-Fluorophenol
Concen: 86.40 ng
RT: 5.52 min Scan# 344
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	70.3	52.1	78.1
63	38.9	25.7	38.5#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

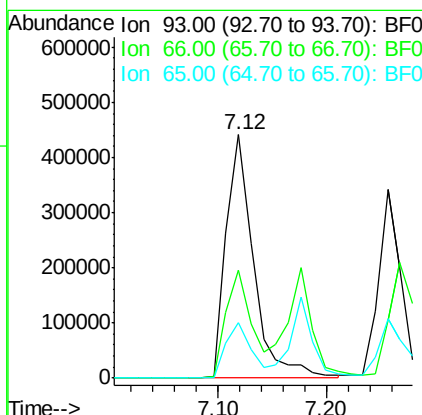
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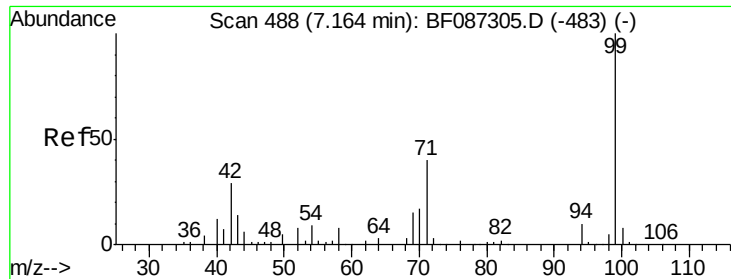
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#6
Aniline
Concen: 40.92 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	44.1	39.0	58.6
65	22.8	20.6	31.0





#7

Phenol-d6

Concen: 80.13 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1165808

Ion Ratio Lower Upper

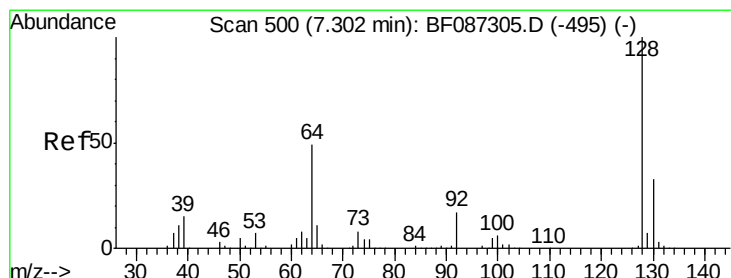
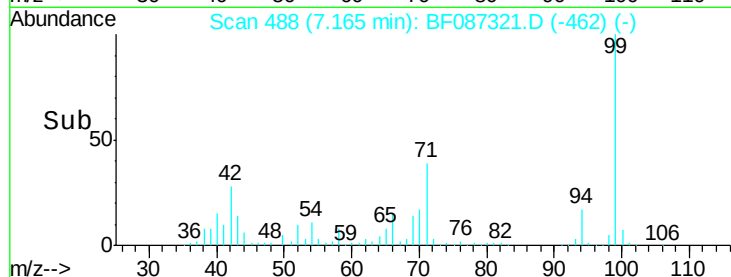
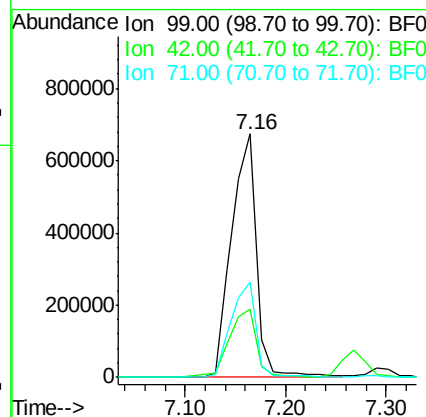
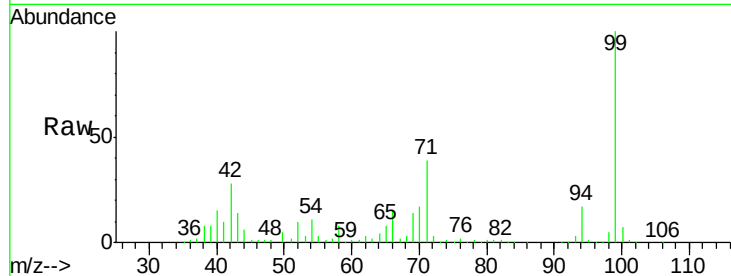
99 100

42 28.2 13.6 20.4#

71 39.3 24.6 36.8#

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#8

2-Chlorophenol

Concen: 39.91 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

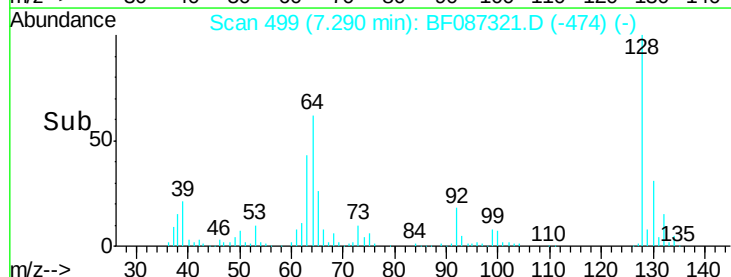
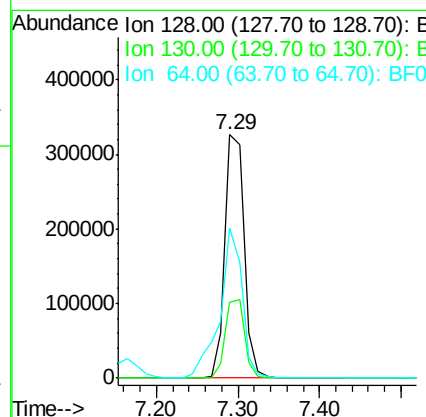
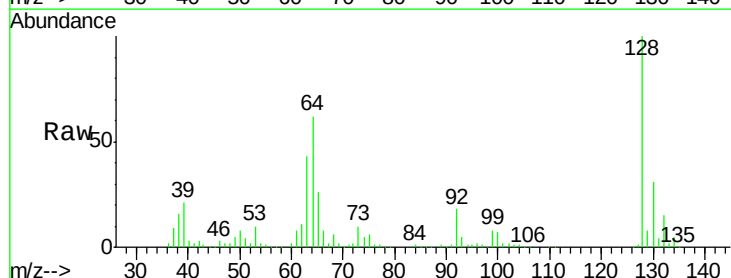
Tgt Ion: 128 Resp: 535881

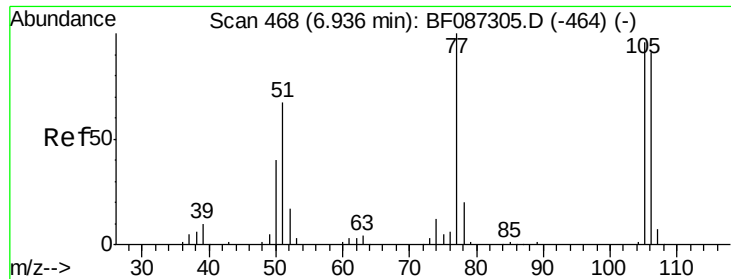
Ion Ratio Lower Upper

128 100

130 31.3 12.5 52.5

64 61.8 27.3 67.3





#9

Benzaldehyde

Concen: 36.12 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087321.D

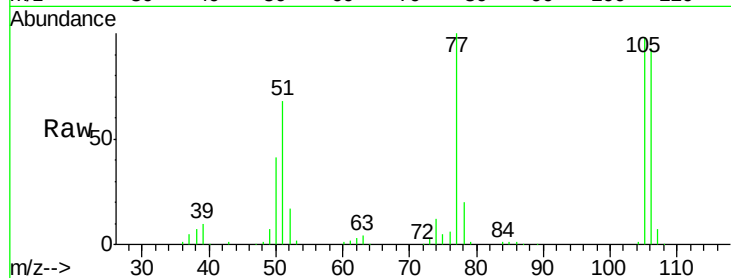
Acq: 24 May 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 290132

Ion Ratio Lower Upper

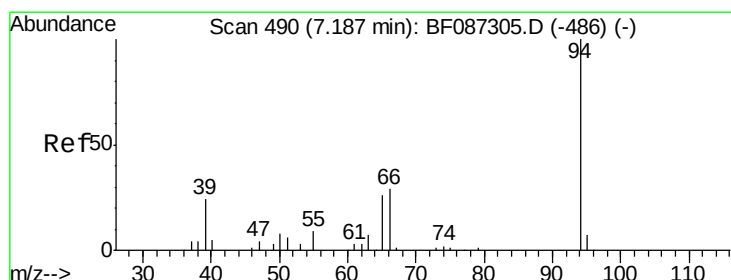
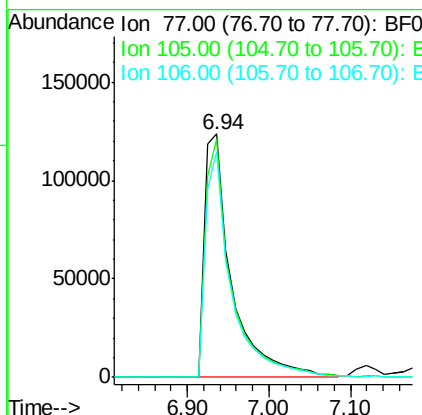
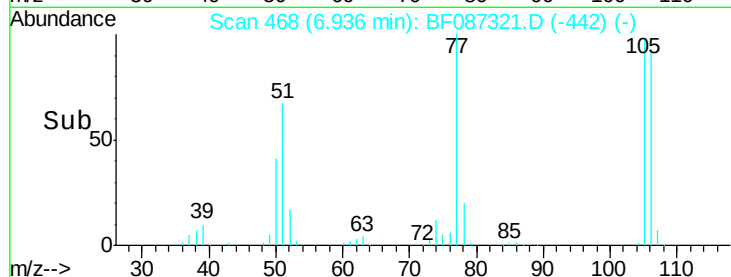
77 100

105 97.9 72.7 112.7

106 92.6 70.8 110.8

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#10

Phenol

Concen: 34.96 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

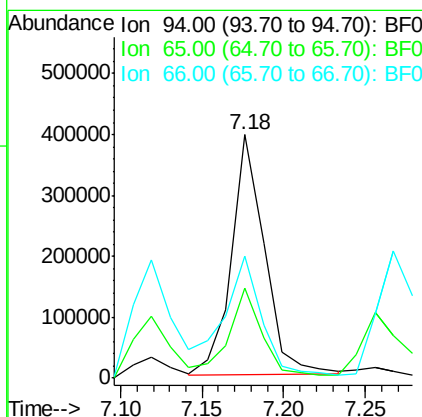
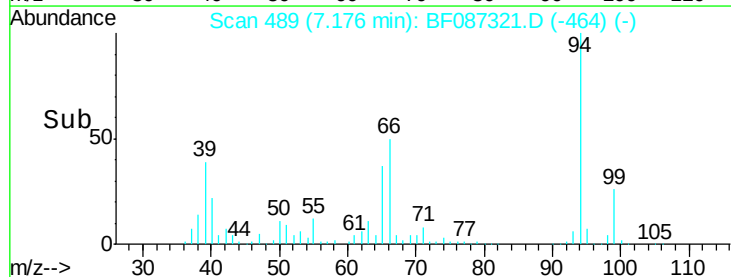
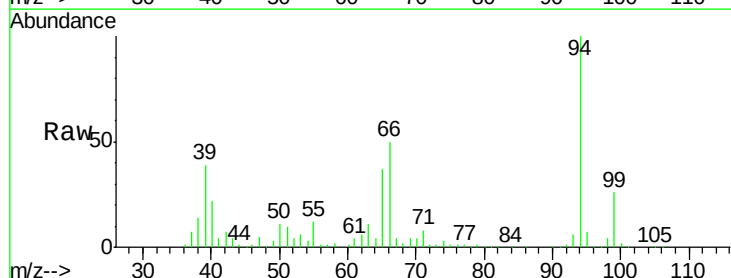
Tgt Ion: 94 Resp: 555492

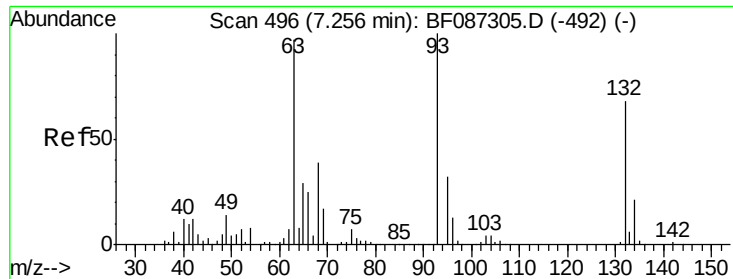
Ion Ratio Lower Upper

94 100

65 36.8 7.2 47.2

66 50.2 14.9 54.9





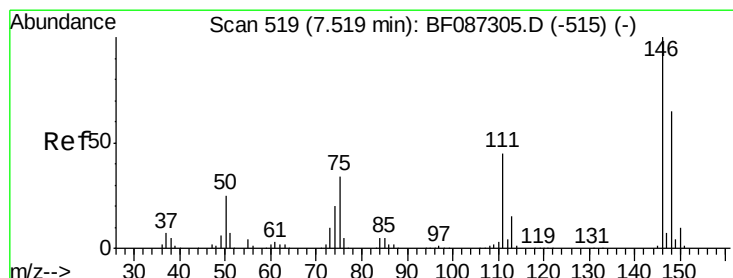
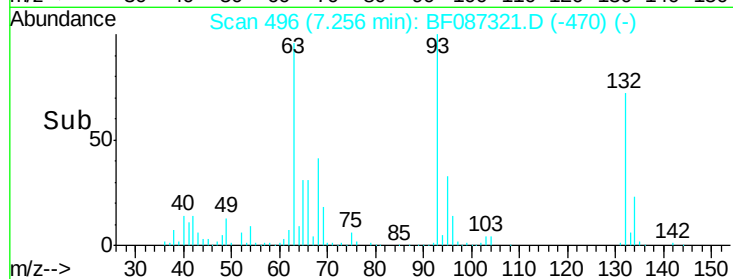
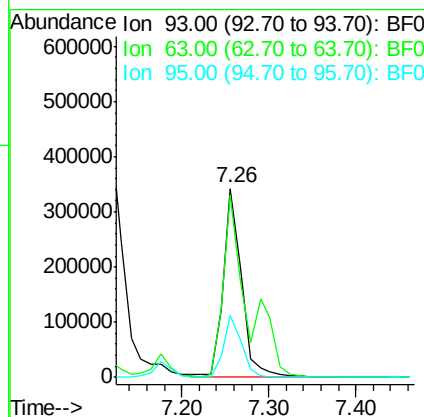
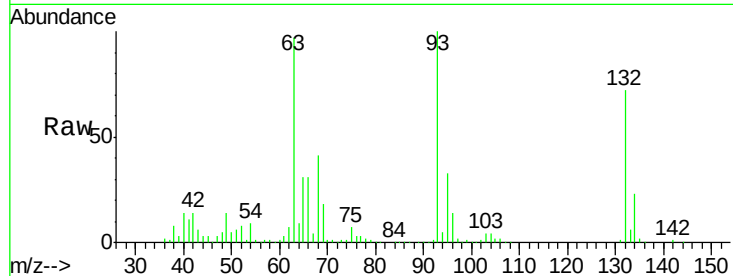
#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	96.6	58.0	98.0
95	33.1	11.9	51.9

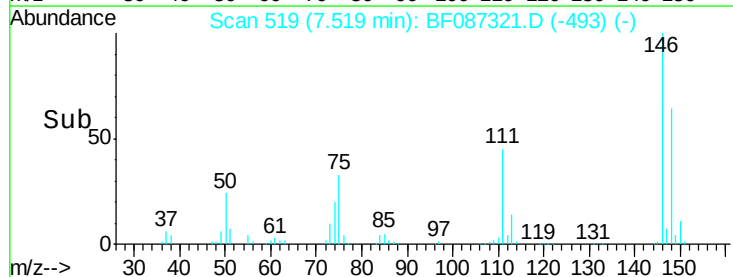
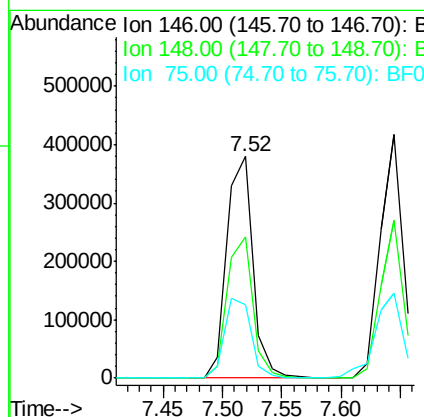
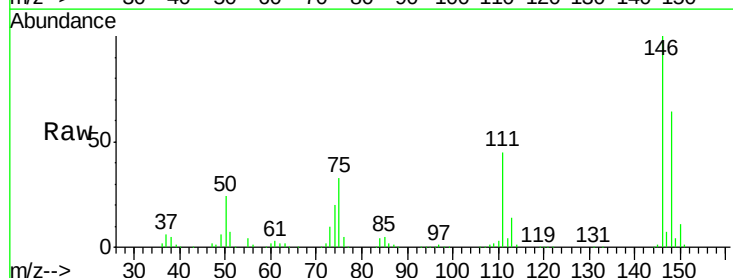
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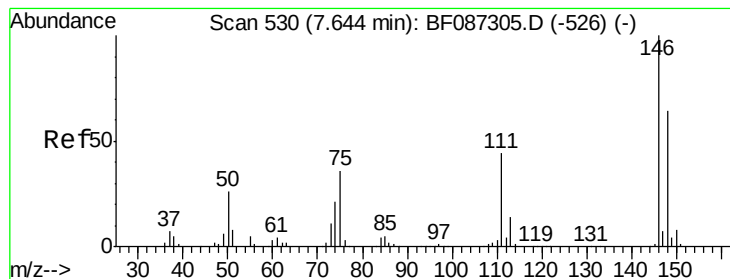
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#12
1,3-Dichlorobenzene
Concen: 39.54 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	52.4	78.6
75	33.0	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 39.55 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

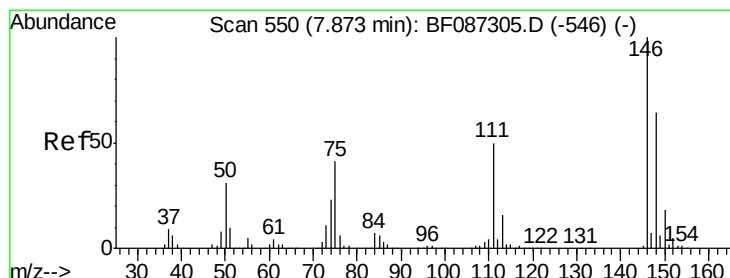
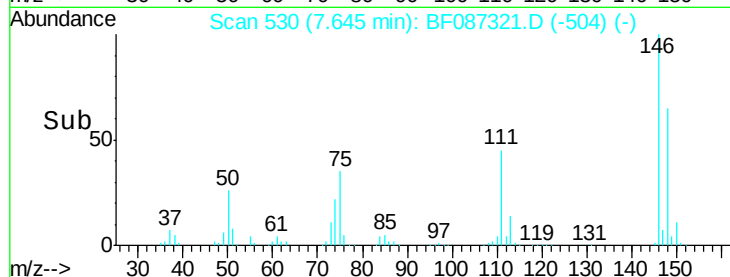
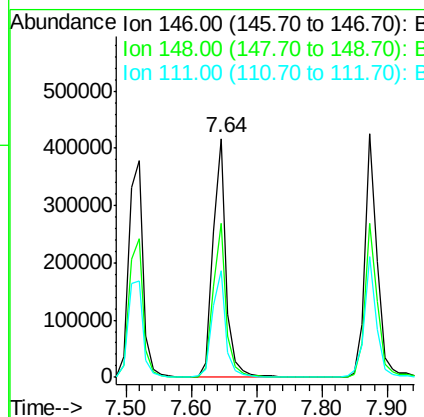
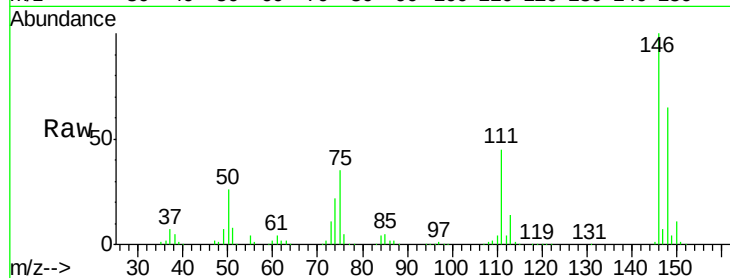
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	594630
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.4
111	44.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 39.28 ng

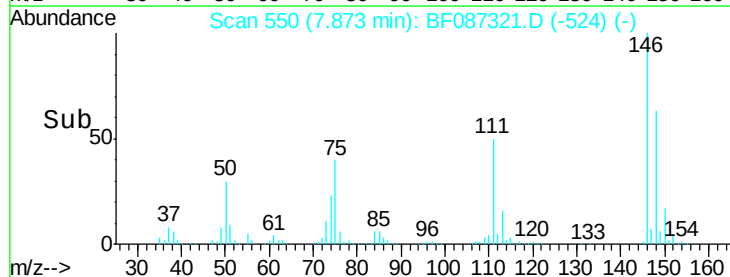
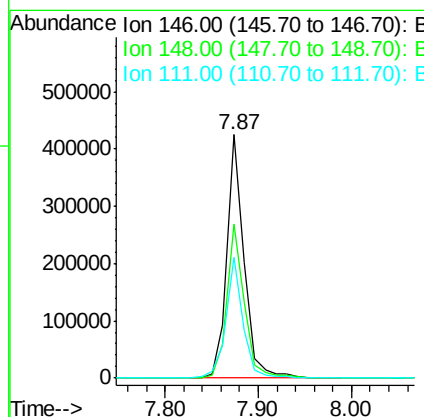
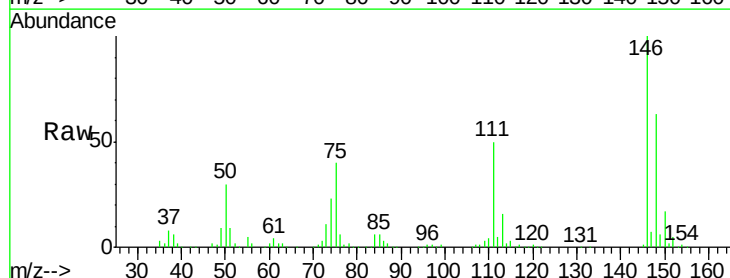
RT: 7.87 min Scan# 550

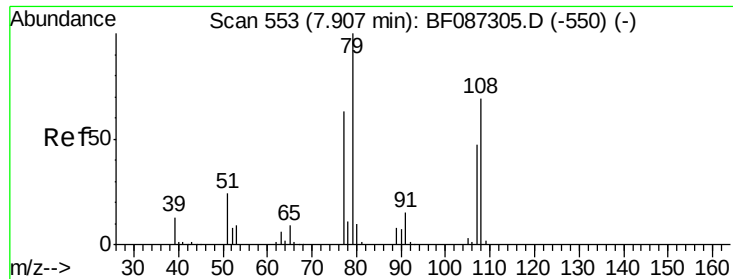
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	146	Resp:	546259
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.0	76.6
111	49.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.11 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

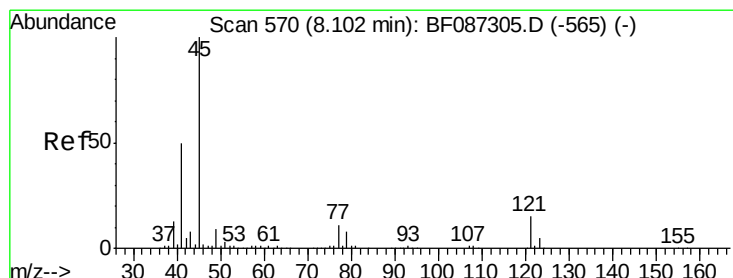
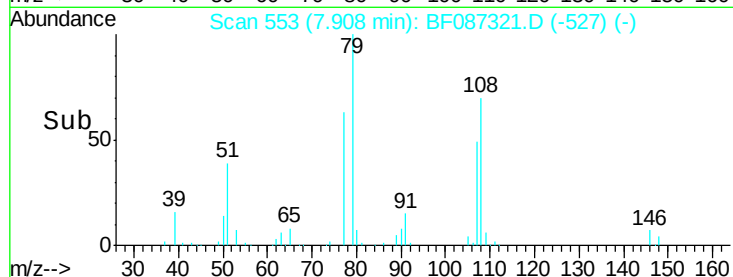
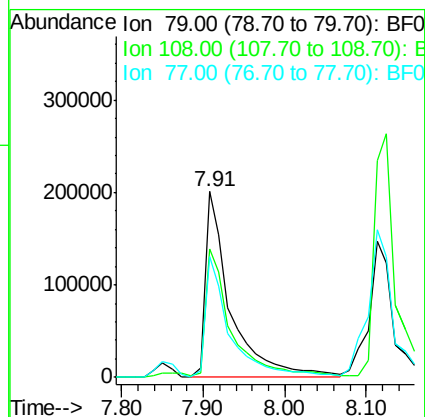
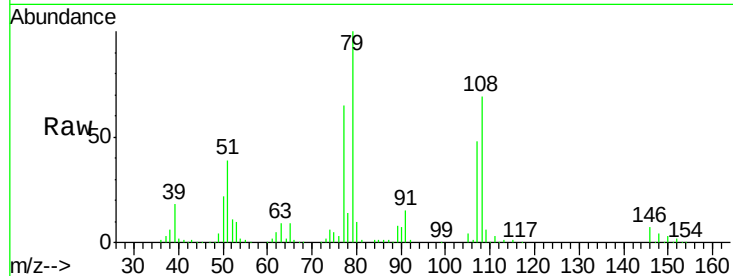
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	436064
Ion Ratio	Lower	Upper	
79	100		
108	68.9	68.4	102.6
77	65.2	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

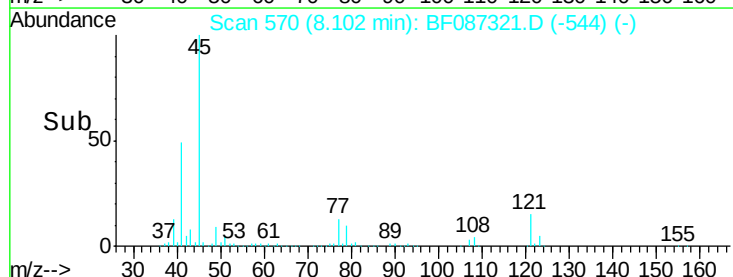
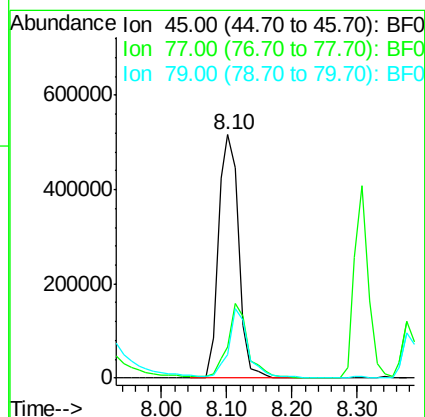
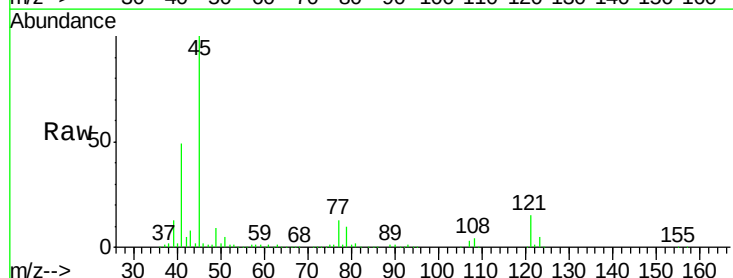
RT: 8.10 min Scan# 570

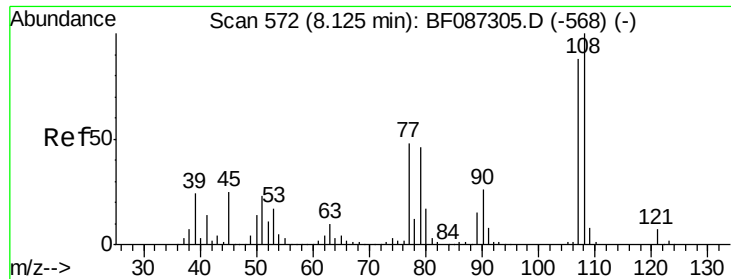
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	45	Resp:	1120103
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	36.4
79	9.8	0.0	33.4





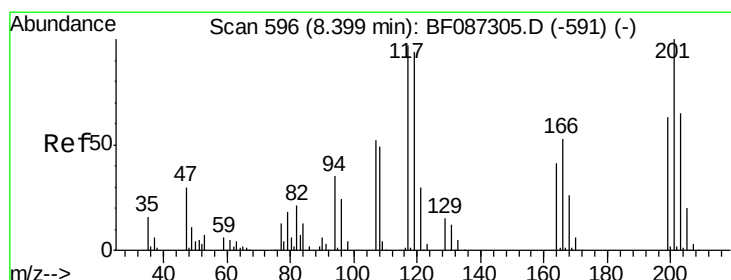
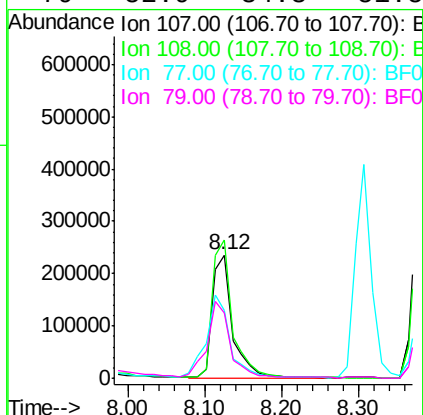
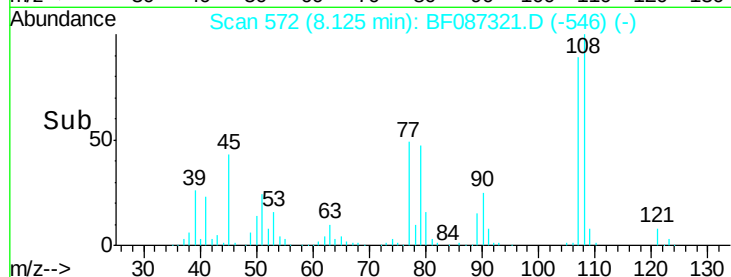
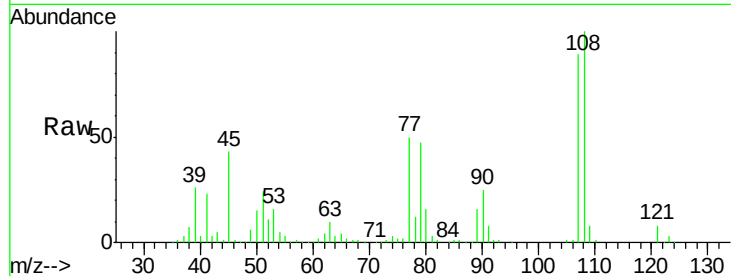
#17
2-Methylphenol
Concen: 39.61 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	426284
Ion Ratio	Lower	Upper	
107	100		
108	111.9	93.7	140.5
77	55.4	33.4	50.0#
79	52.9	34.3	51.5#

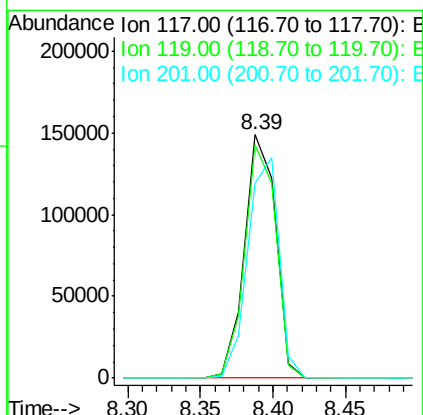
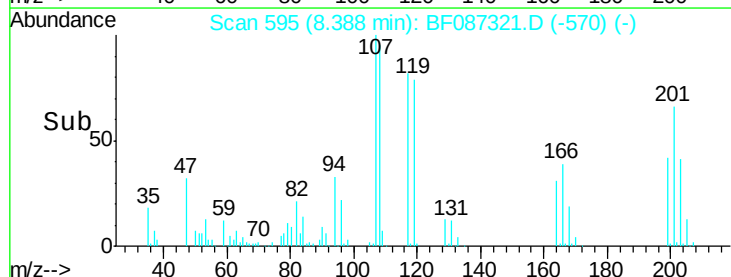
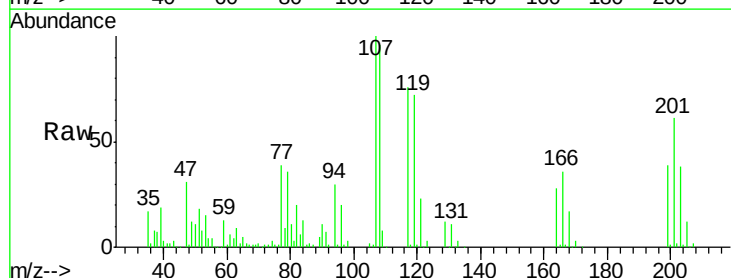
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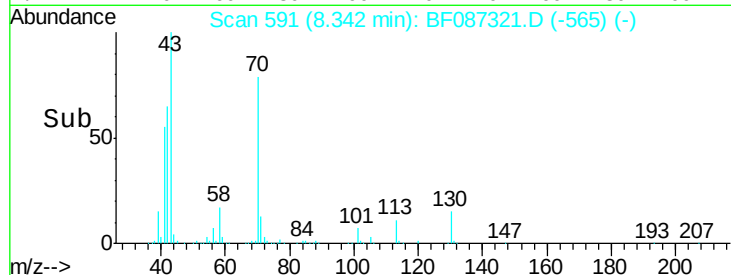
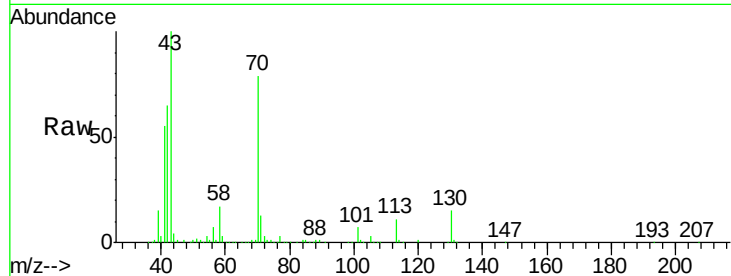
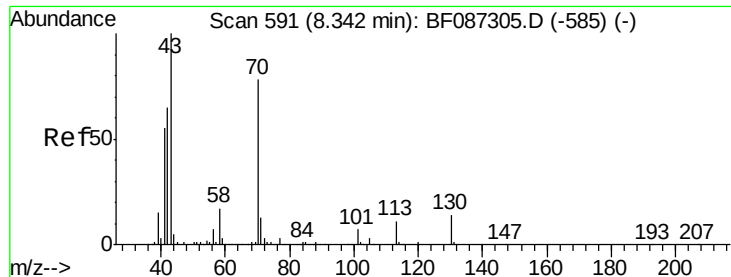
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#18
Hexachloroethane
Concen: 39.48 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion:	117	Resp:	221436
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.5	114.7
201	80.3	63.0	94.6





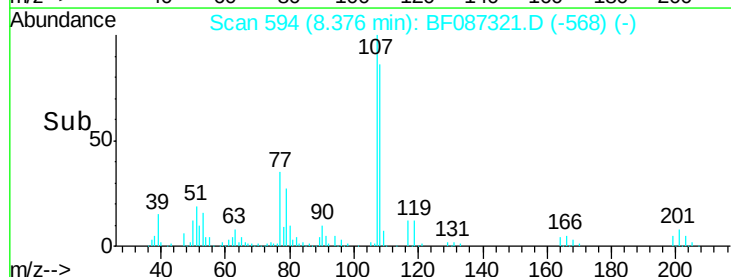
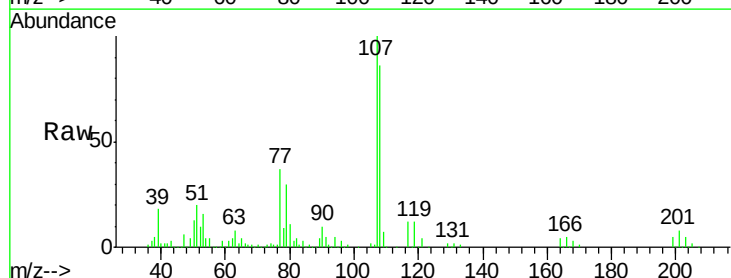
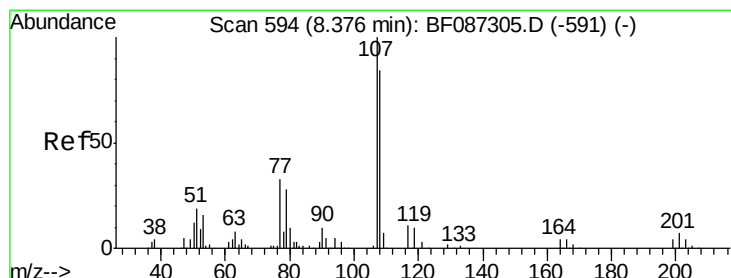
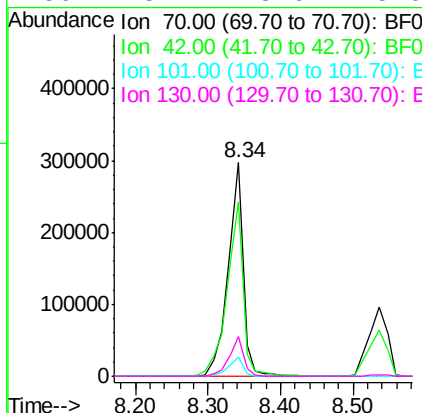
#19
n-Nitroso-di-n-propylamine
Concen: 39.87 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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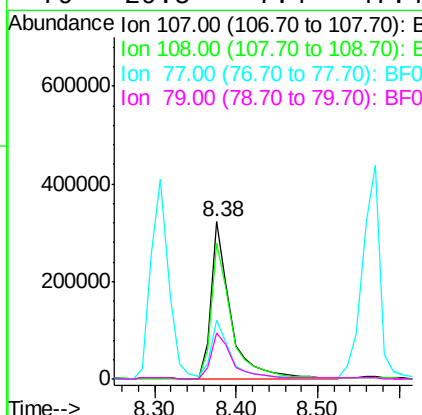
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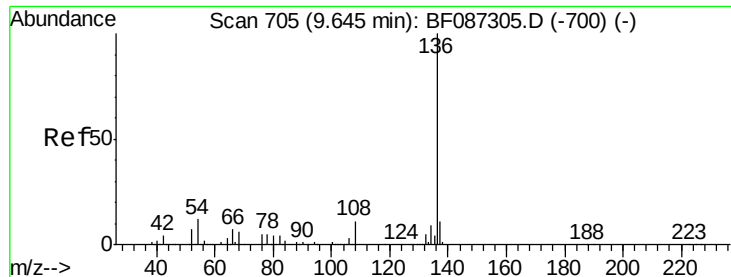
Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.7	43.1	64.7#
101	8.7	8.1	12.1
130	18.7	18.6	28.0



#20
3+4-Methylphenols
Concen: 41.56 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	37.3	101.6	141.6#
79	29.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

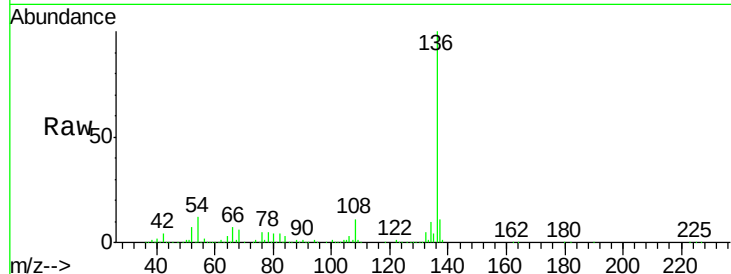
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		768577		
137	11.2	8.8	13.2		
54	12.2	5.0	7.4#		
68	6.4	4.4	6.6		

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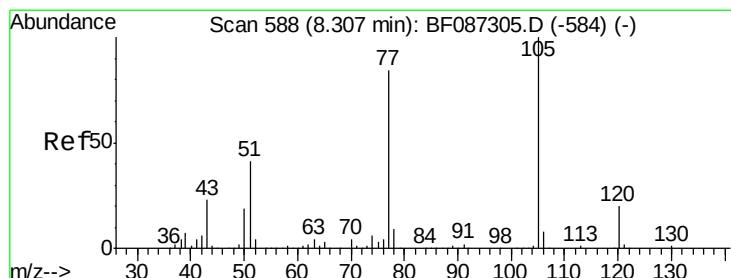
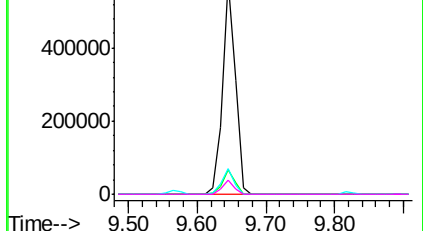
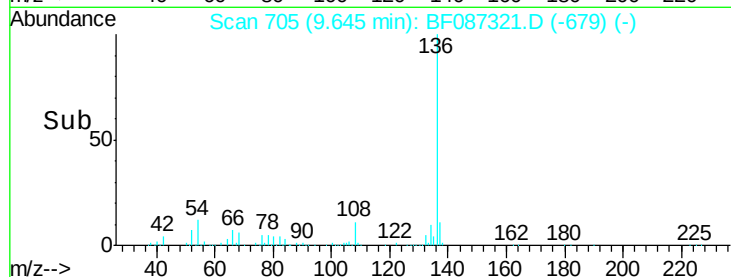


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.37 ng

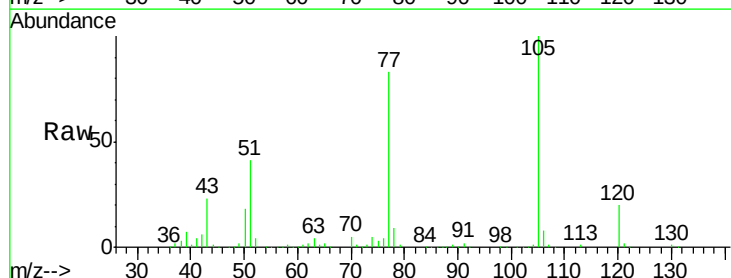
RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		741178		
71	0.8	4.8	7.2#		
51	41.3	32.6	49.0		
120	20.2	16.5	24.7		

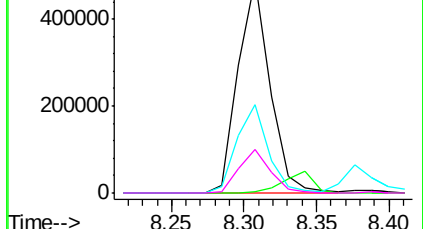
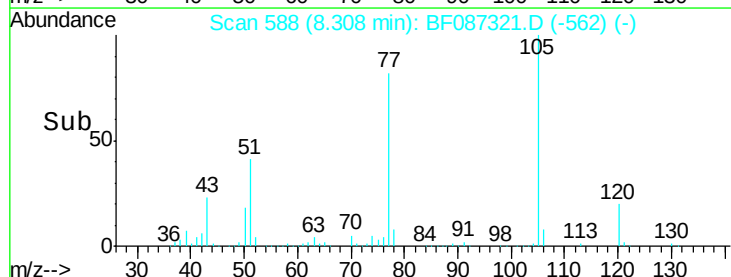


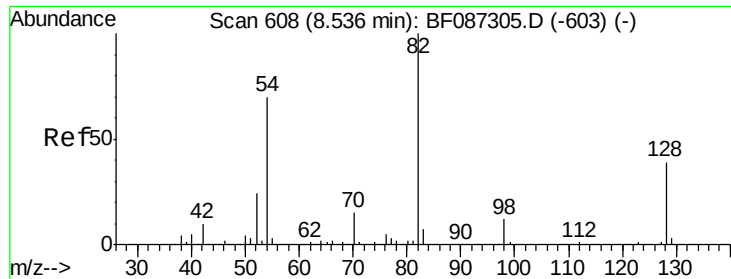
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.93 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

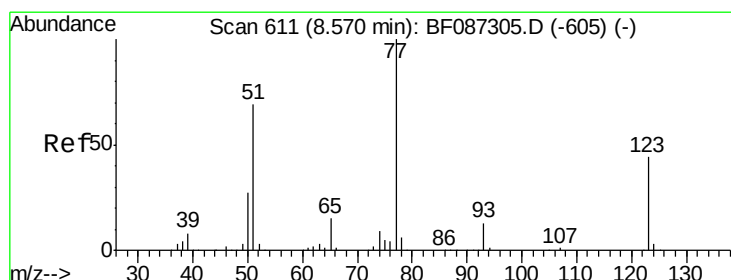
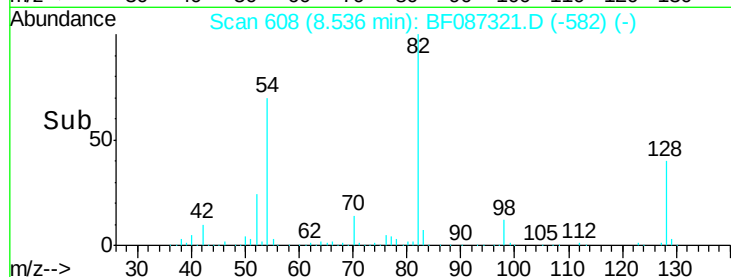
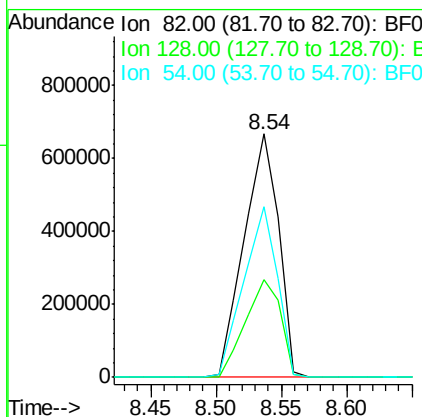
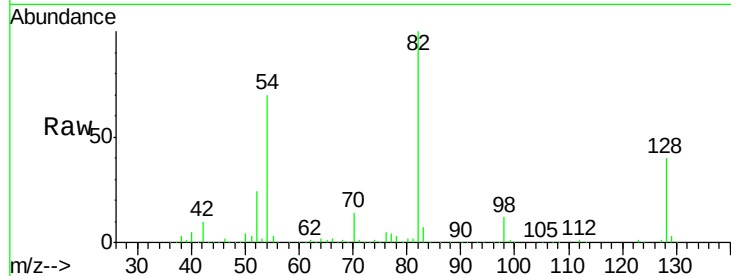
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	1234221
Ion	Ratio	Lower	Upper
82	100		
128	40.0	40.6	61.0#
54	69.9	38.1	57.1#

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#24

Nitrobenzene

Concen: 41.02 ng

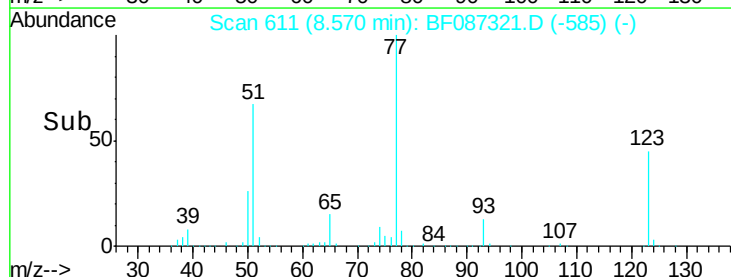
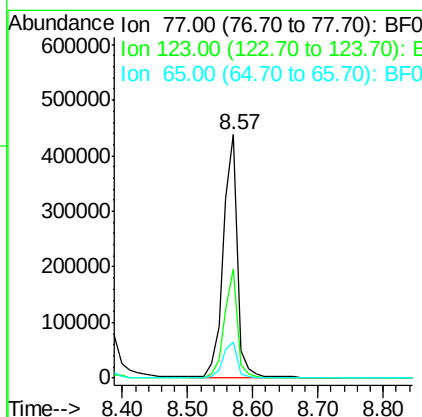
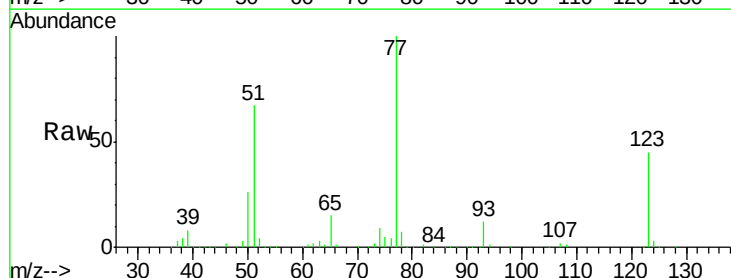
RT: 8.57 min Scan# 611

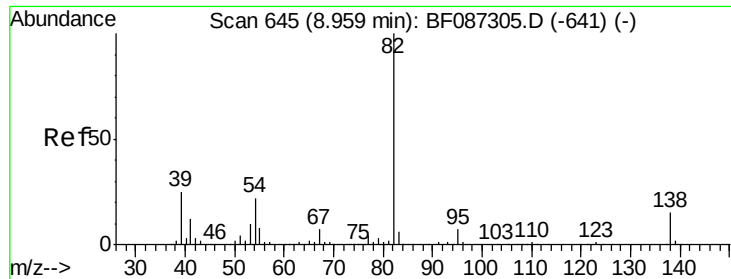
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	77	Resp:	660351
Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.0	49.4
65	14.8	10.8	16.2





#25

Isophorone

Concen: 40.39 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1104675

Ion Ratio Lower Upper

82 100

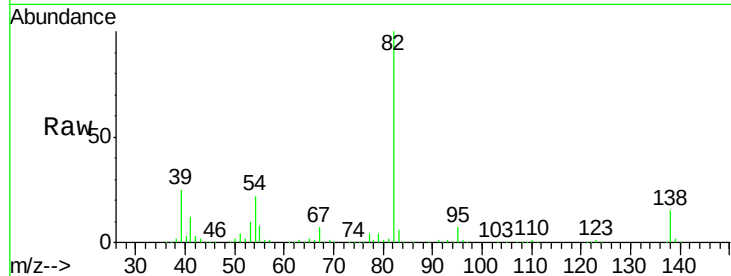
95 7.3 5.1 7.7

138 15.4 12.4 18.6

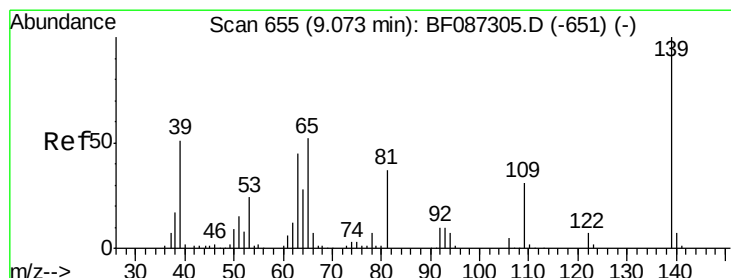
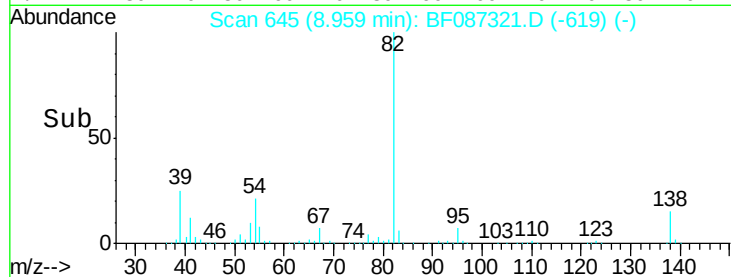
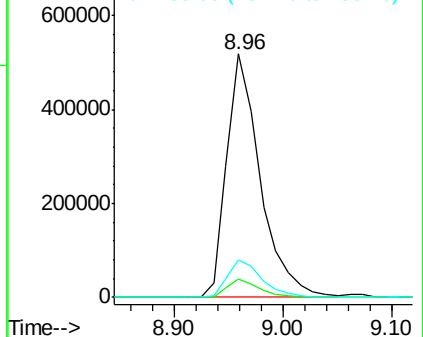
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.44 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

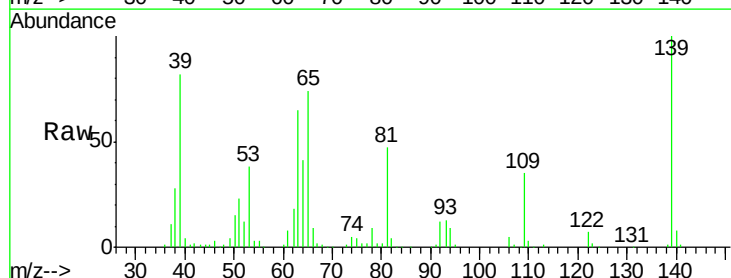
Tgt Ion: 139 Resp: 279243

Ion Ratio Lower Upper

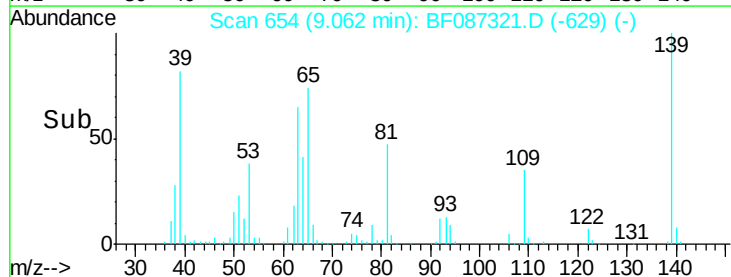
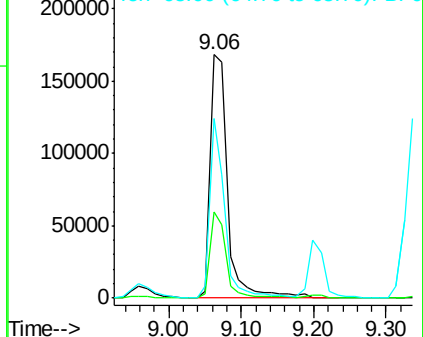
139 100

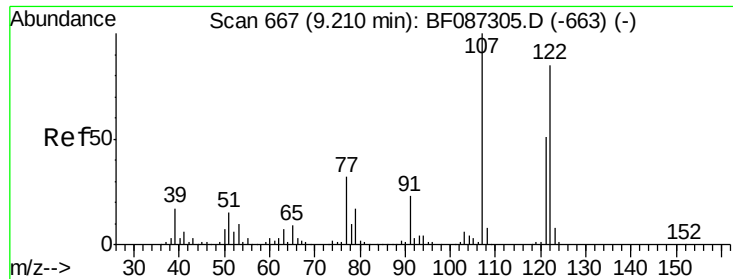
109 35.2 19.5 29.3#

65 73.7 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





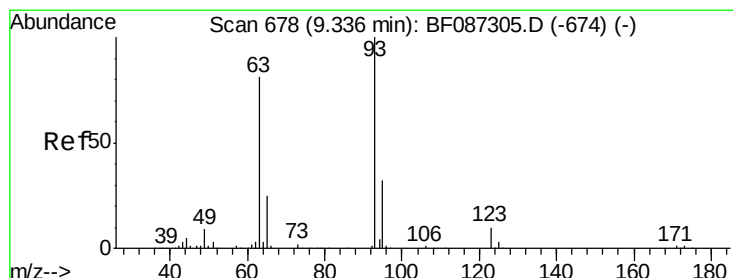
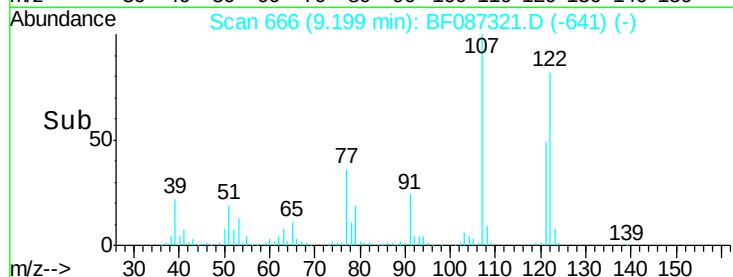
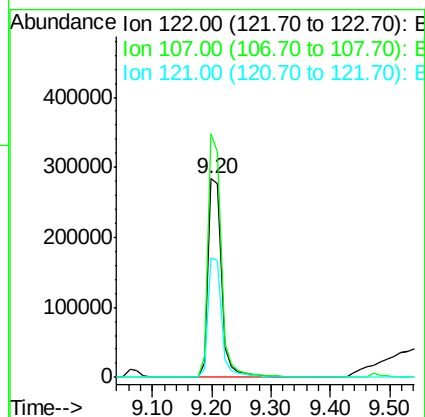
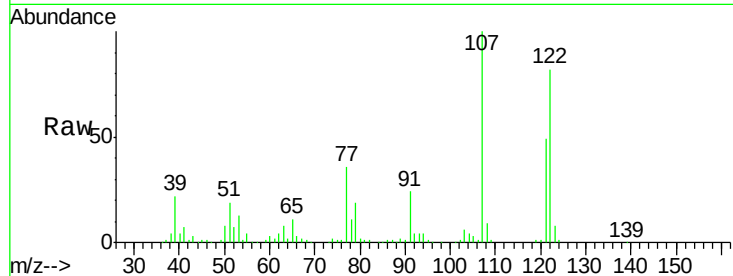
#27
 2,4-Dimethylphenol
 Concen: 40.29 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	460252		
107	122.7	82.0	123.0	
121	60.0	46.1	69.1	

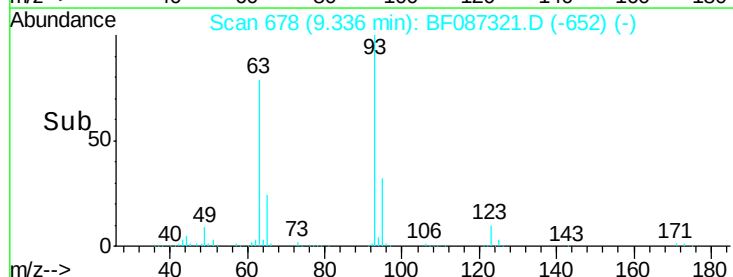
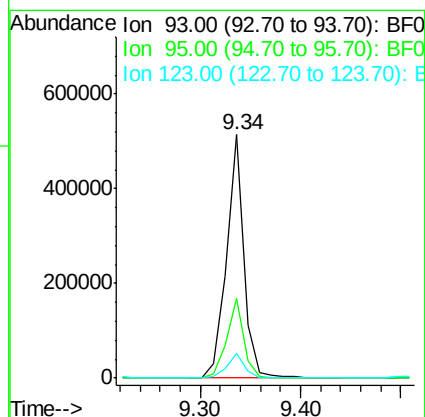
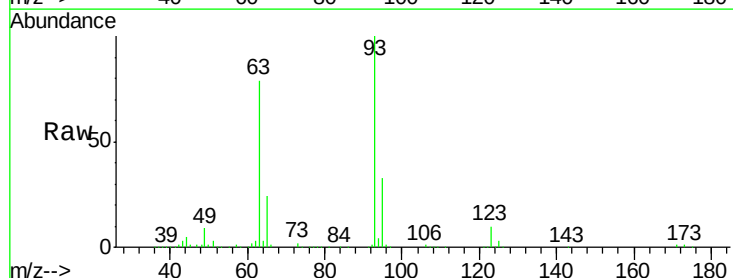
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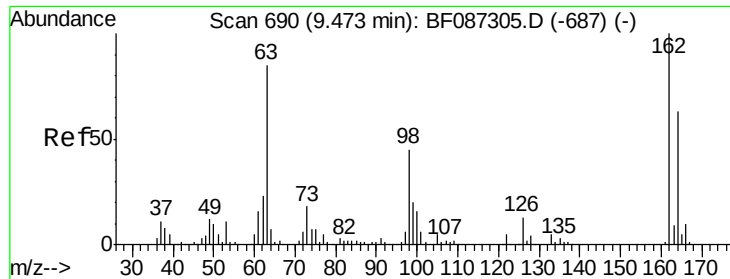
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.95 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	615492		
95	32.5	26.0	39.0	
123	10.0	9.5	14.3	





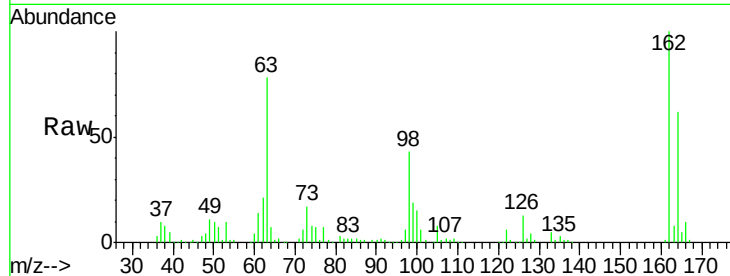
#29
 2,4-Dichlorophenol
 Concen: 41.82 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

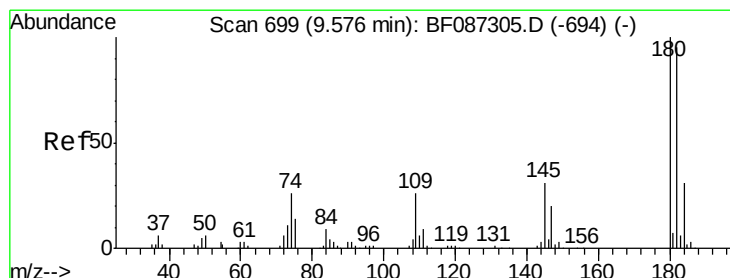
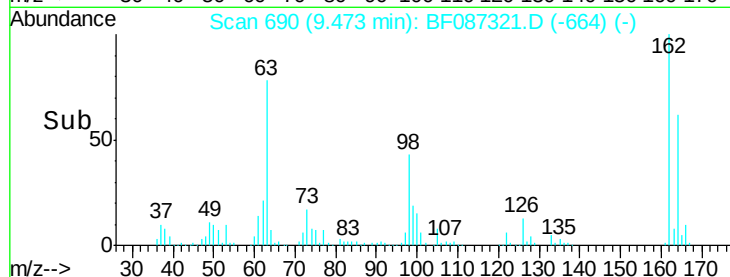
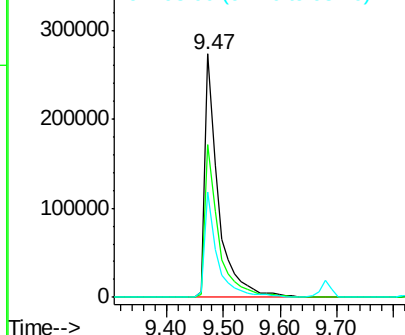
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	430496		
164	62.5	42.2	82.2	
98	43.0	19.0	59.0	

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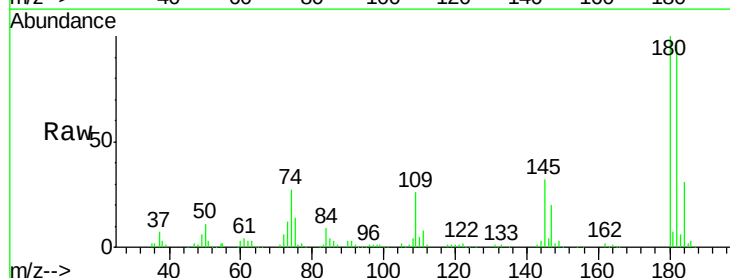


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

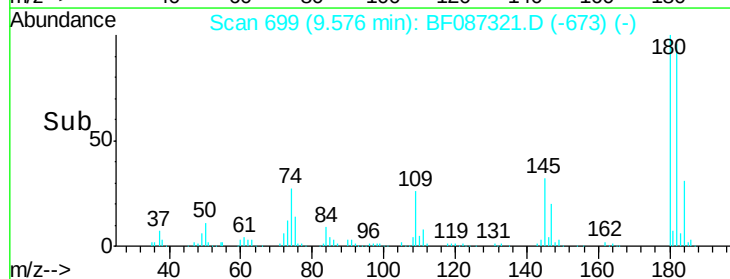
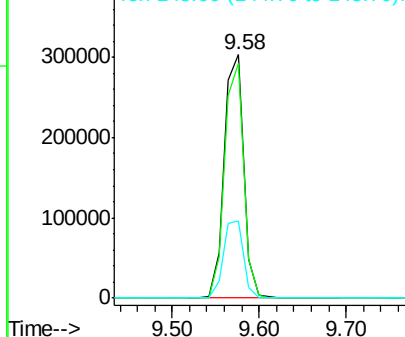


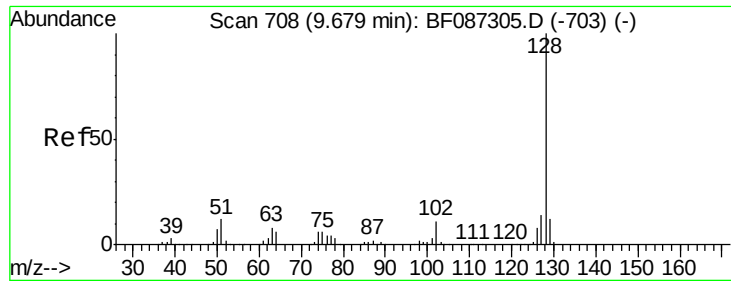
#30
 1,2,4-Trichlorobenzene
 Concen: 40.14 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473005		
182	96.3	78.0	117.0	
145	31.7	24.2	36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.24 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1511401

Ion Ratio Lower Upper

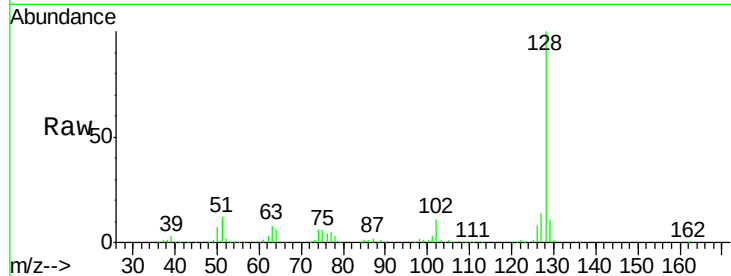
128 100

129 11.4 8.6 13.0

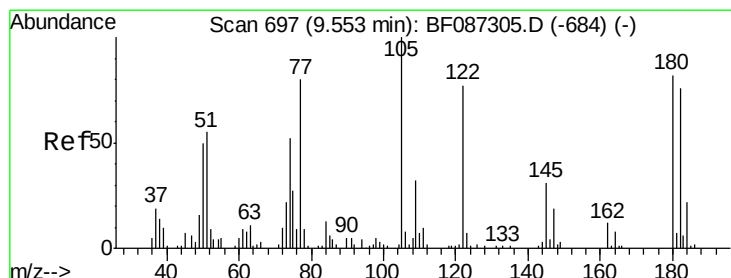
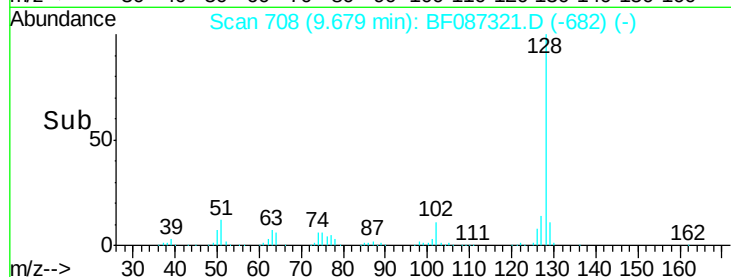
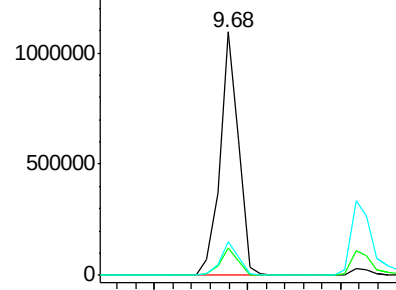
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.54 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

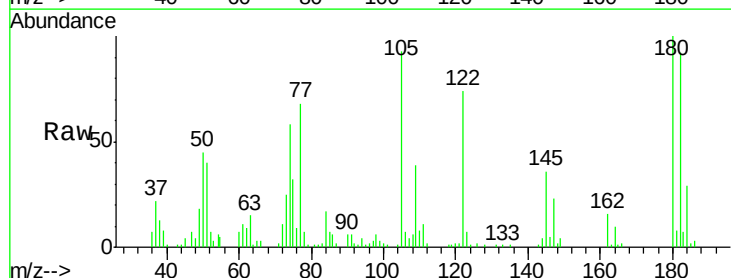
Tgt Ion:122 Resp: 212298

Ion Ratio Lower Upper

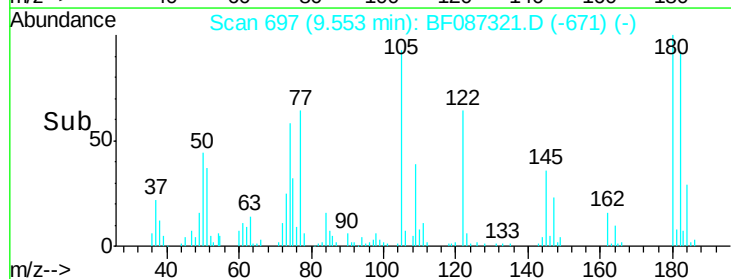
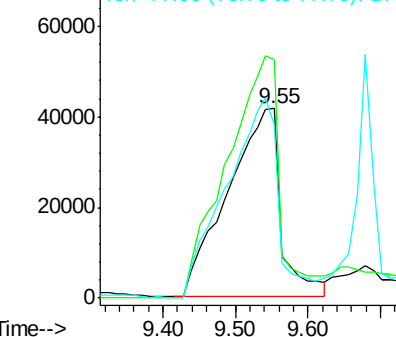
122 100

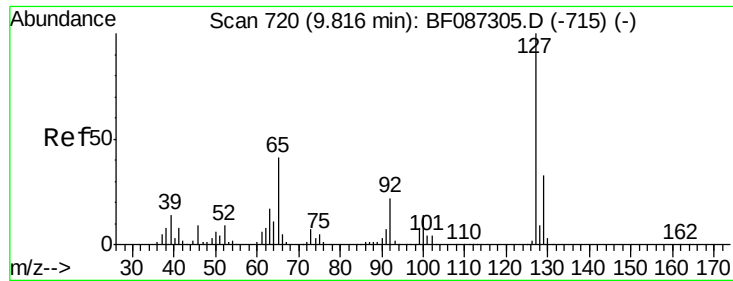
105 125.4 92.6 132.6

77 91.0 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
60000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





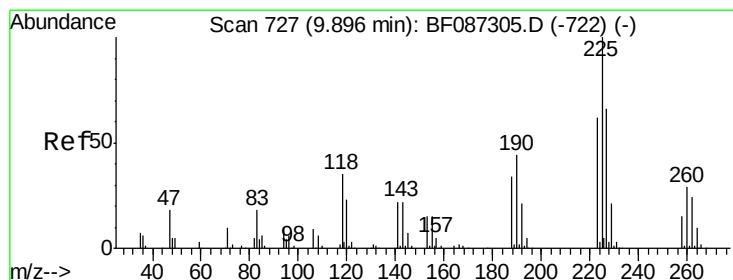
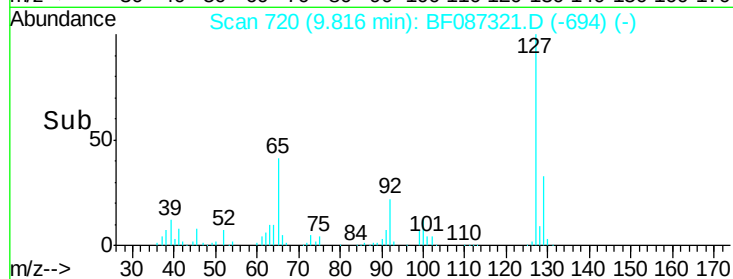
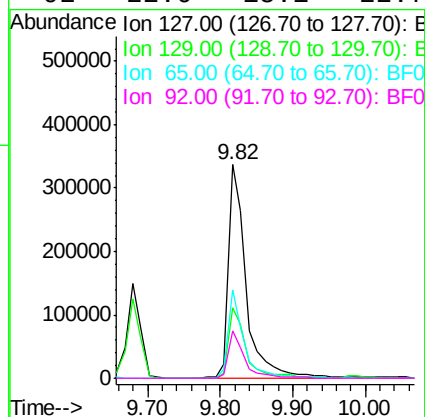
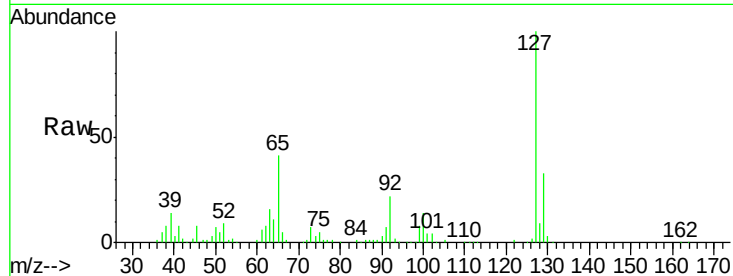
#33
4-Chloroaniline
Concen: 39.88 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	26.2	39.4
65	41.4	23.0	34.4
92	22.0	15.1	22.7

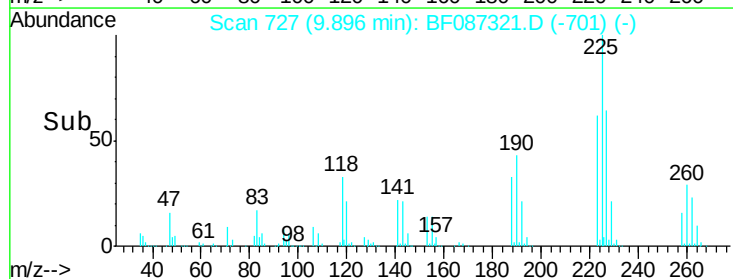
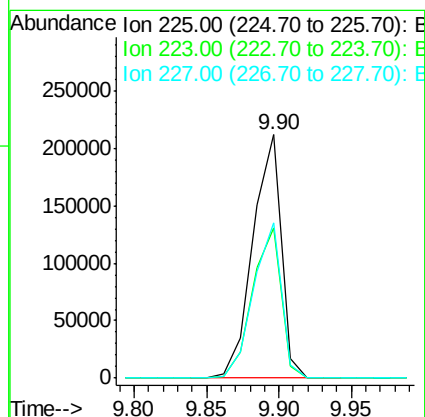
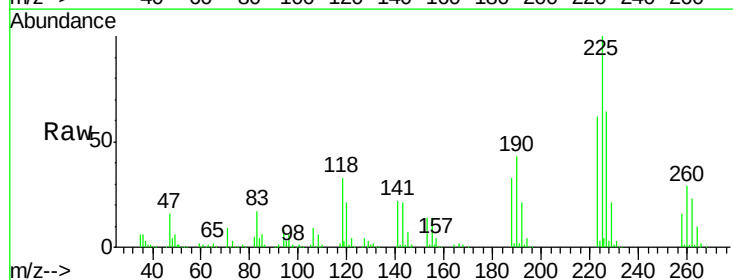
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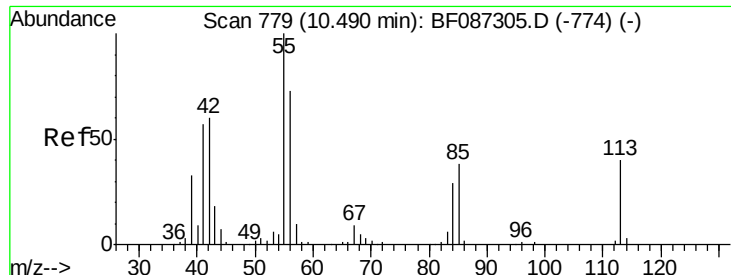
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#34
Hexachlorobutadiene
Concen: 40.17 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.8	51.5	77.3
227	63.6	52.2	78.2





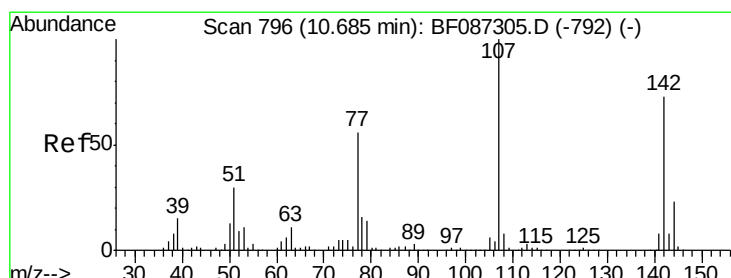
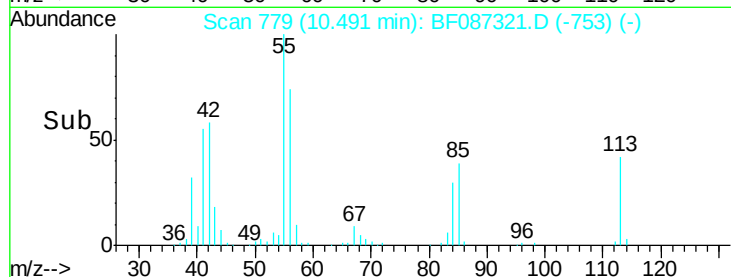
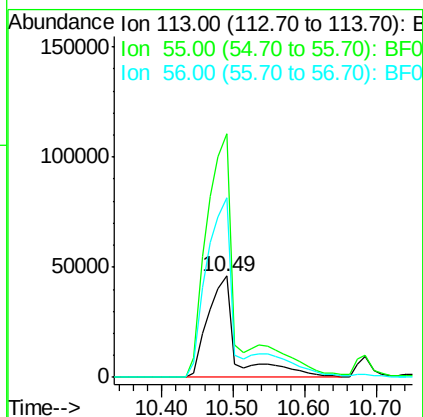
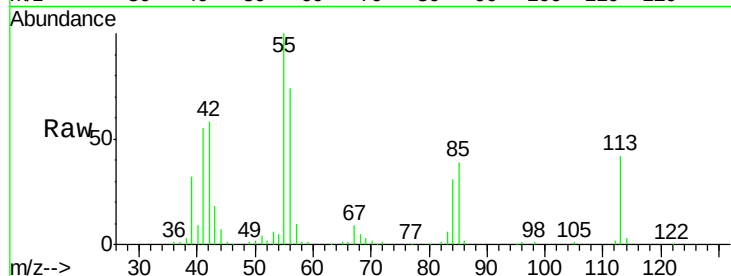
#35
 Caprolactam
 Concen: 43.37 ng m
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	130310		
55	240.3	162.0	202.0#	
56	176.9	115.3	155.3#	

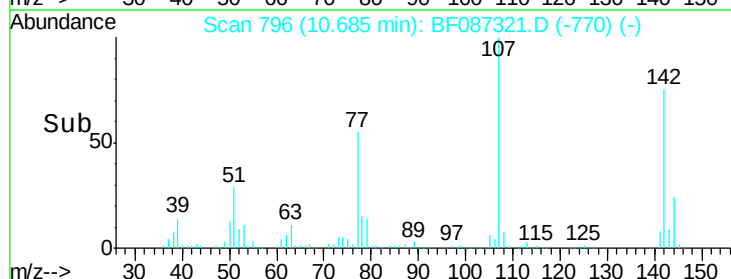
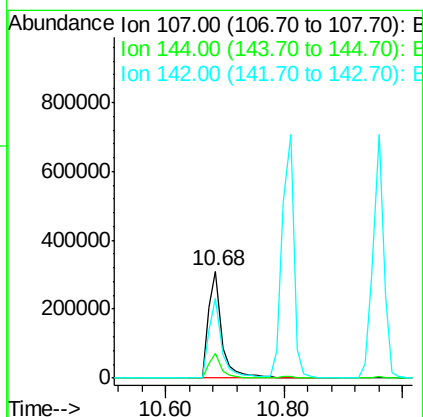
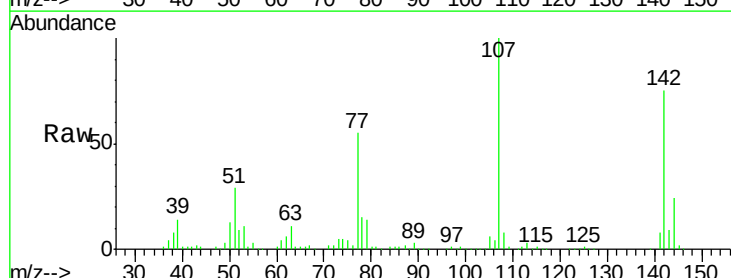
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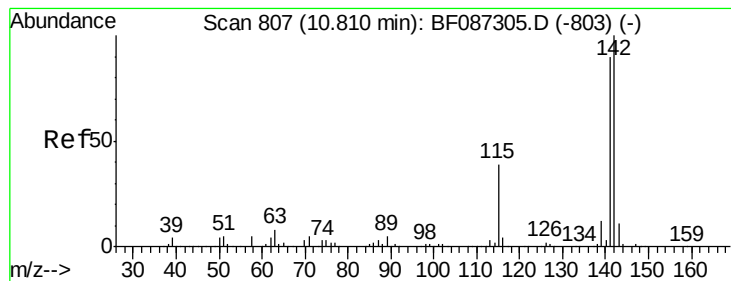
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#36
 4-Chloro-3-methylphenol
 Concen: 42.12 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	490198		
144	23.6	20.7	31.1	
142	74.6	63.2	94.8	





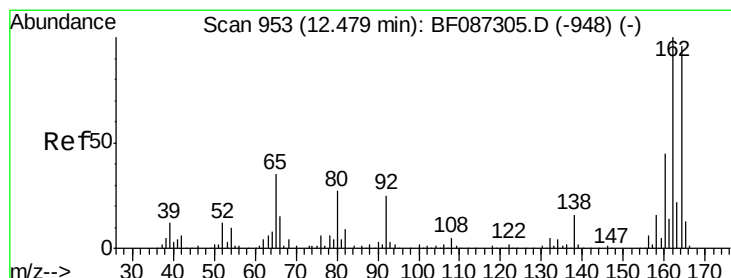
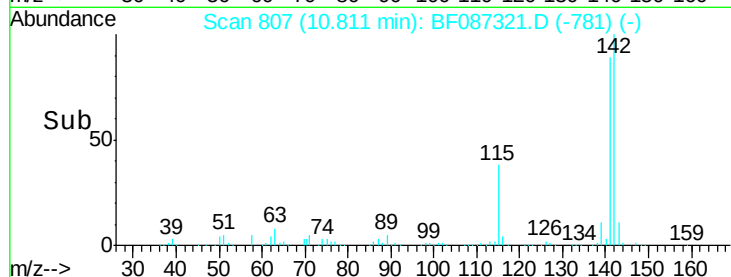
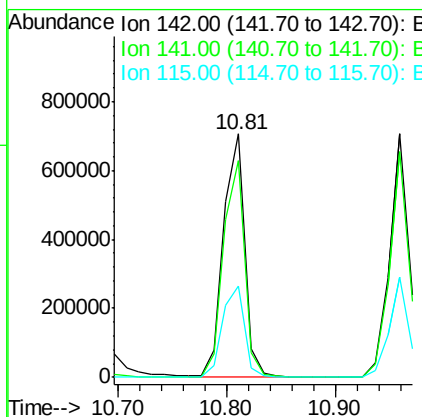
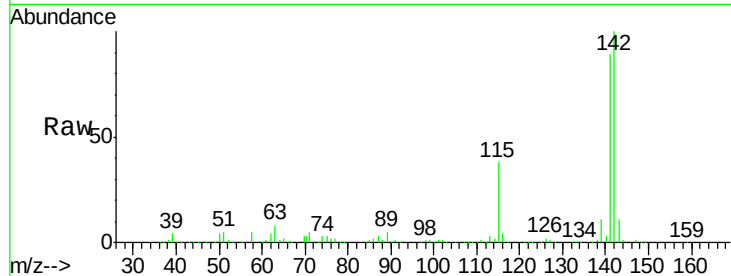
#37
2-Methylnaphthalene
Concen: 39.84 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	958562		
141	89.2	71.0	106.6	
115	37.6	26.6	39.8	

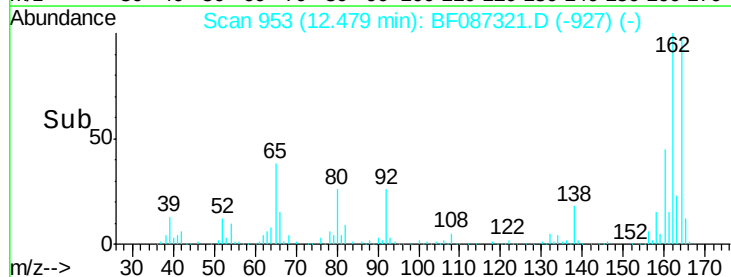
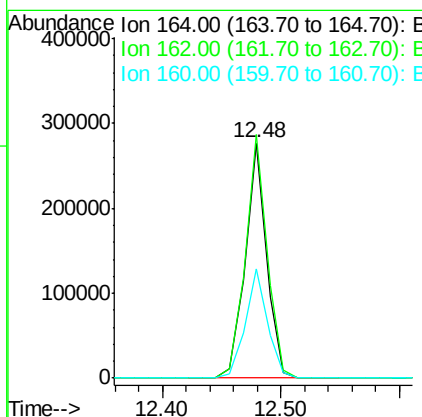
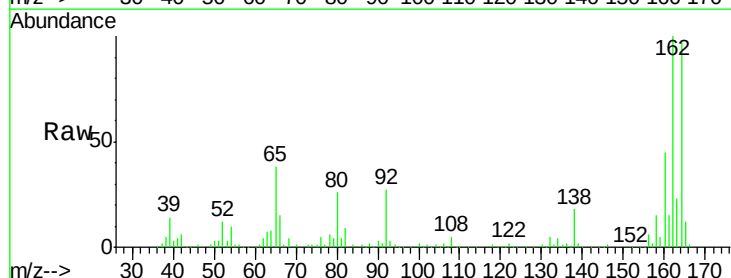
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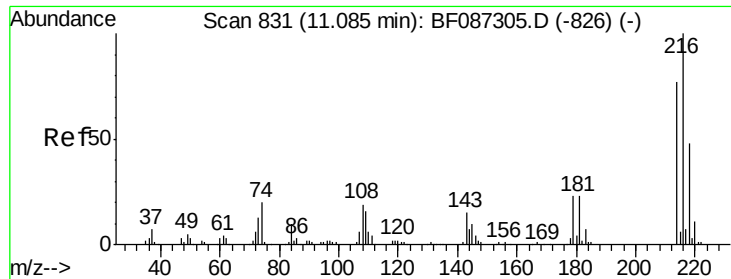
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	349151		
162	103.6	82.8	124.2	
160	46.7	36.9	55.3	





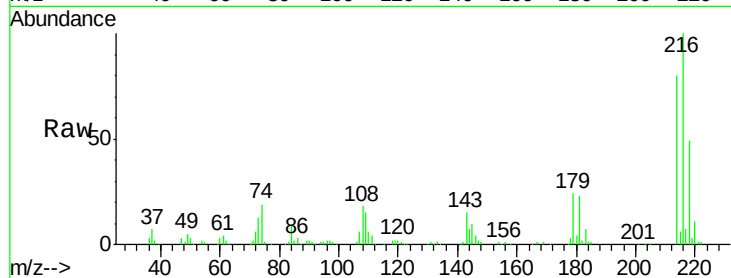
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.84 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

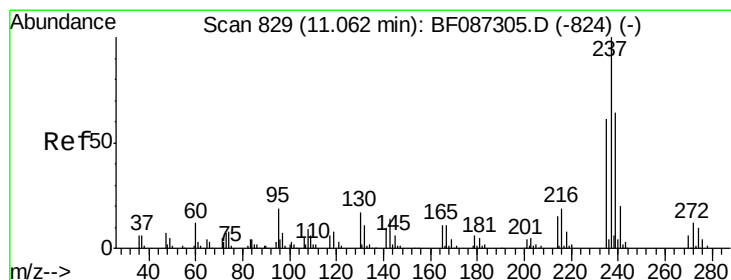
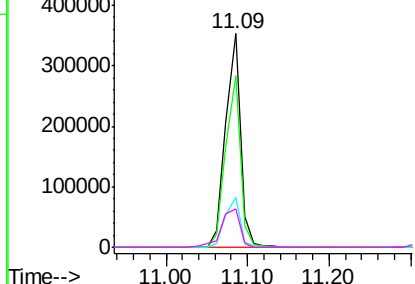
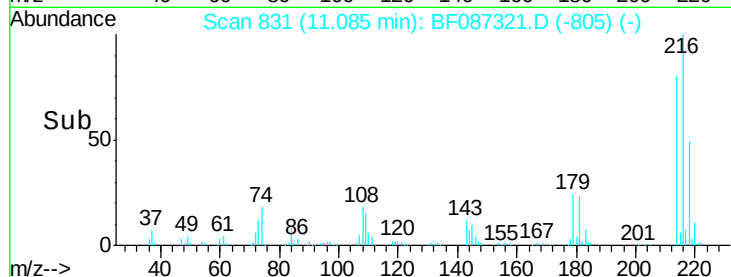
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	445238		
214	79.7	62.6	93.8	
179	23.8	18.2	27.4	
108	22.5	17.5	26.3	

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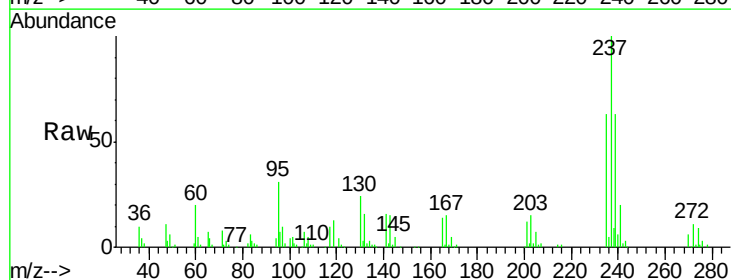


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

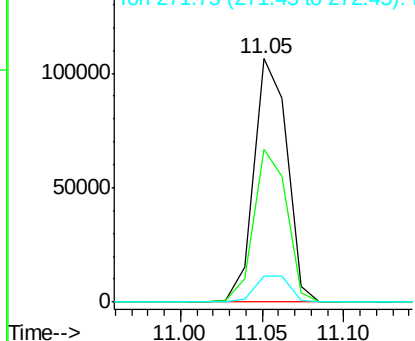
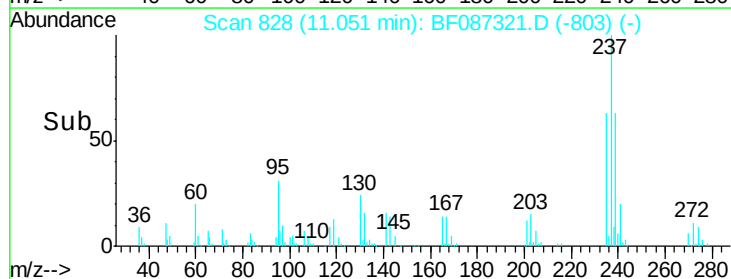


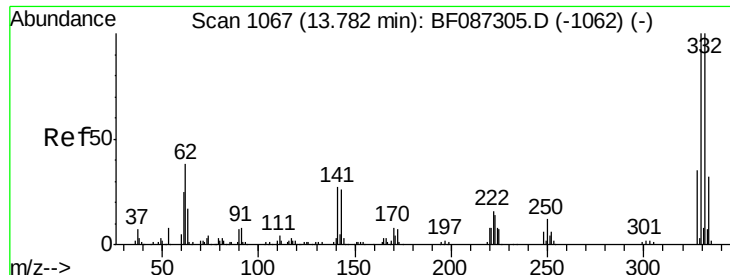
#40
 Hexachlorocyclopentadiene
 Concen: 38.17 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	149779		
235	63.0	47.2	87.2	
272	10.9	0.0	31.1	



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





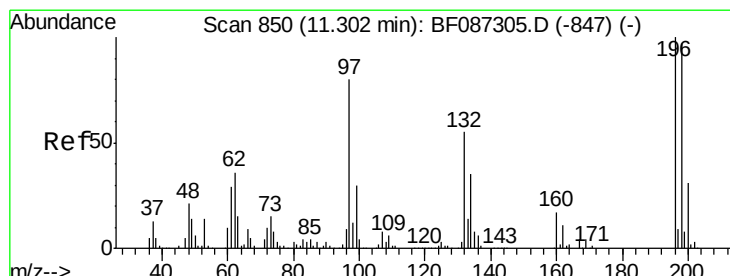
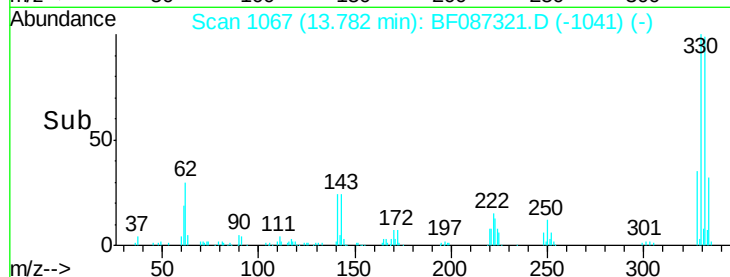
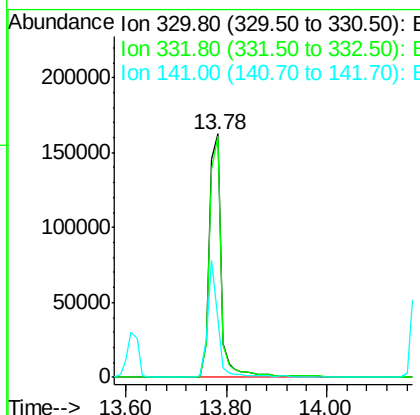
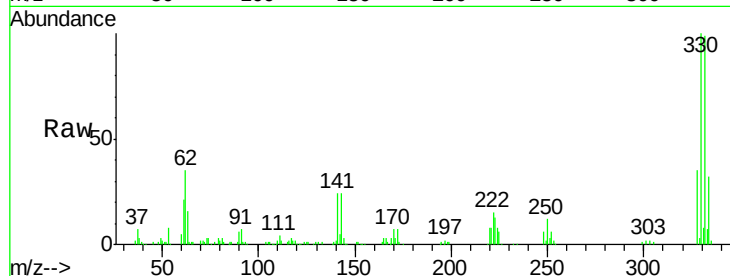
#41
 2,4,6-Tribromophenol
 Concen: 81.09 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	272066		
332	97.2	79.0	118.4	
141	40.8	31.2	46.8	

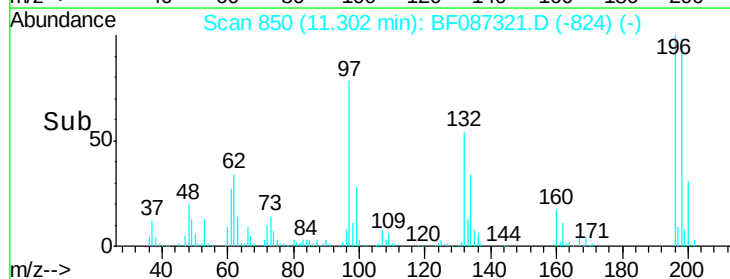
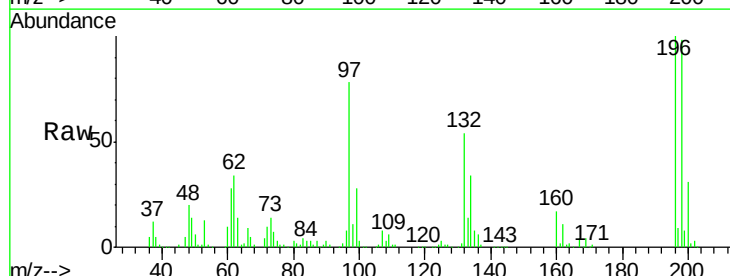
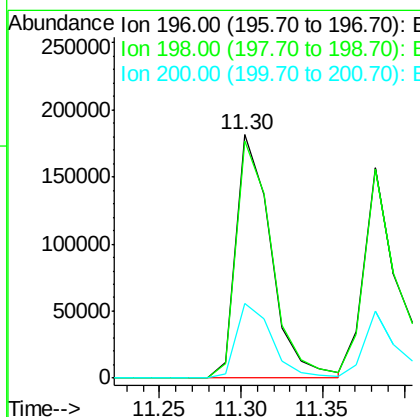
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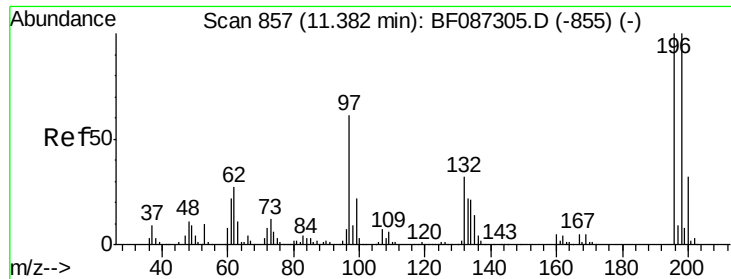
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#42
 2,4,6-Trichlorophenol
 Concen: 41.57 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268169		
198	97.6	74.7	112.1	
200	30.7	23.8	35.6	





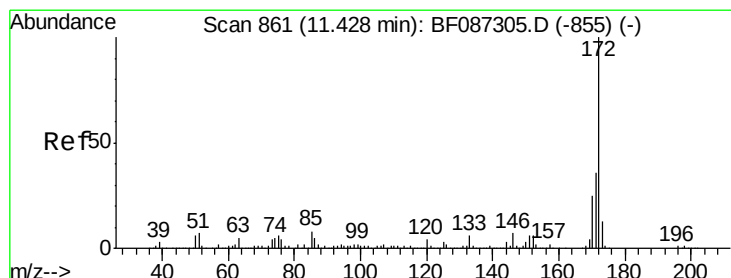
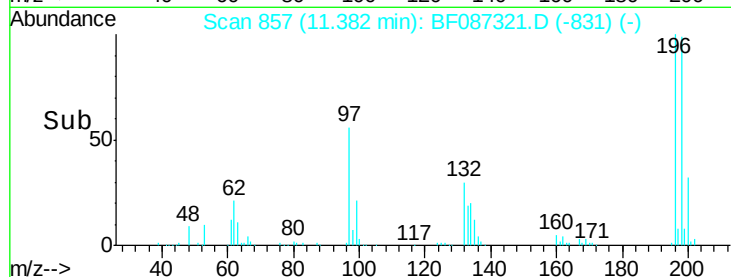
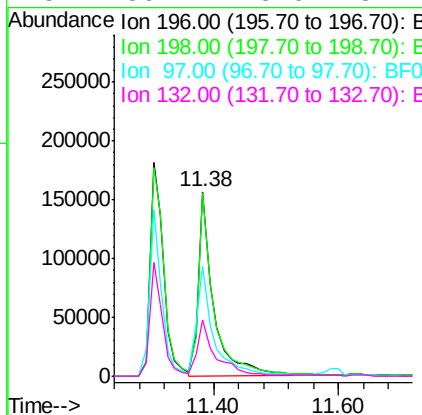
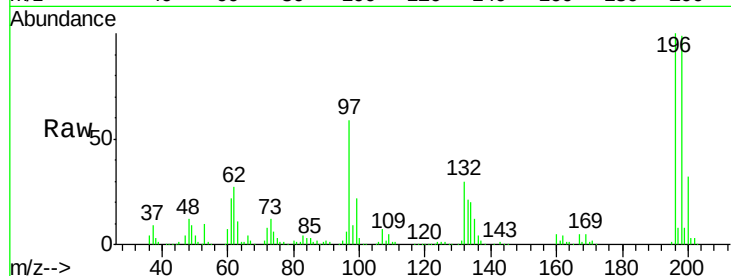
#43
 2,4,5-Trichlorophenol
 Concen: 41.12 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270153		
198	99.3	77.5	116.3	
97	59.4	34.8	52.2	
132	30.4	23.0	34.4	

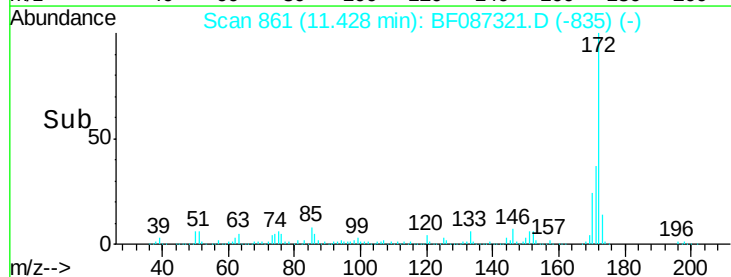
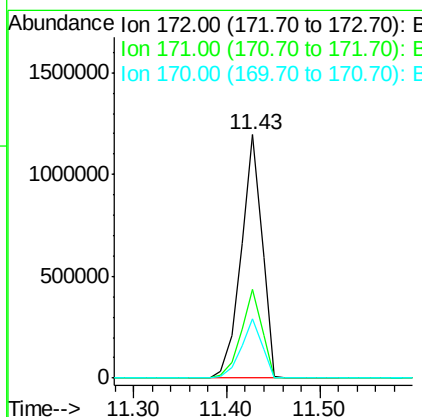
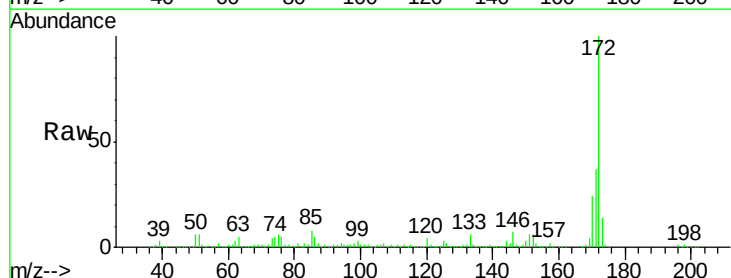
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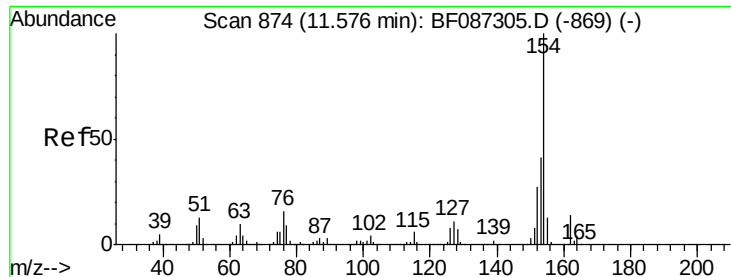
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#44
 2-Fluorobiphenyl
 Concen: 75.21 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1862782		
171	36.5	29.0	43.6	
170	24.5	19.8	29.8	





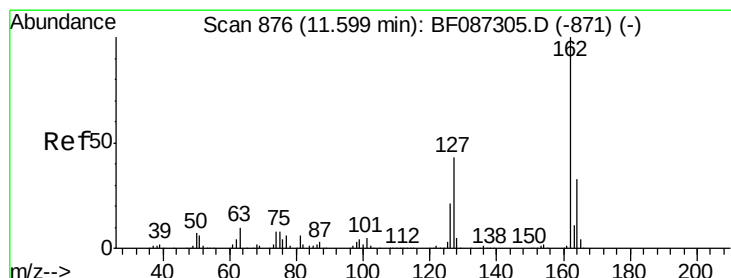
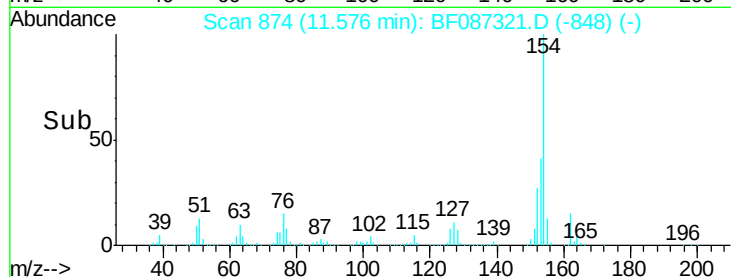
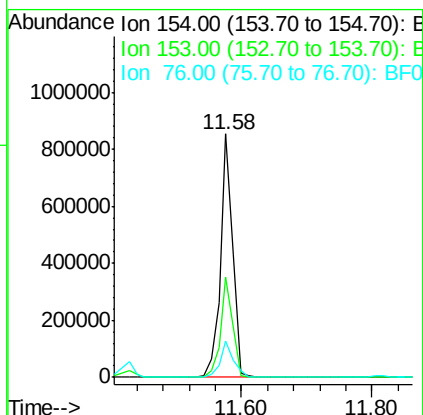
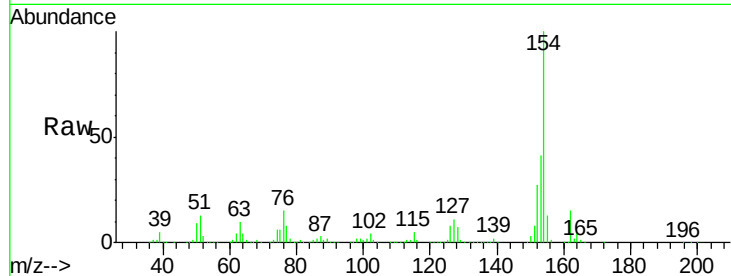
#45
 1,1'-Biphenyl
 Concen: 38.51 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	14.9	0.0	30.2

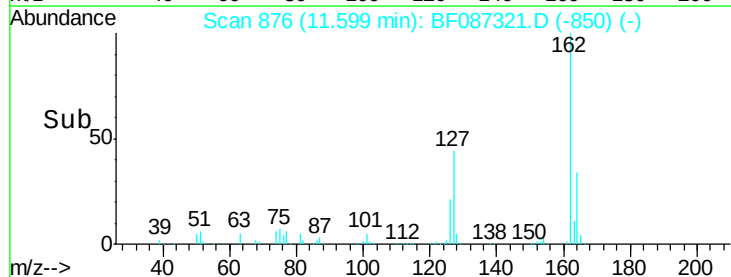
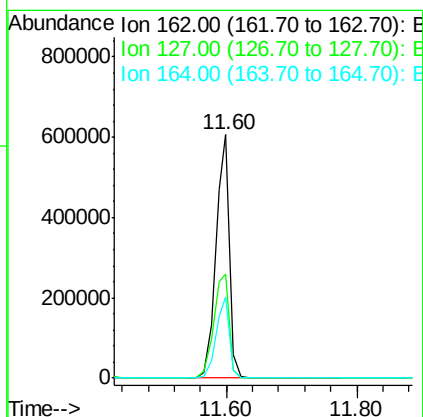
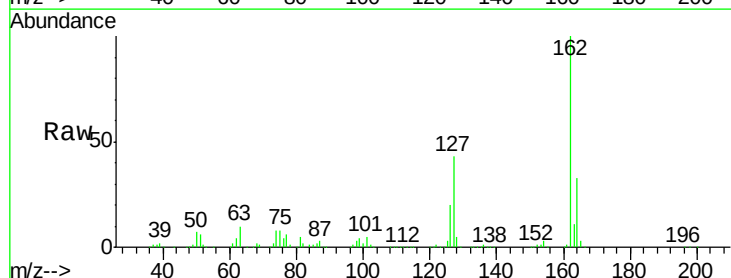
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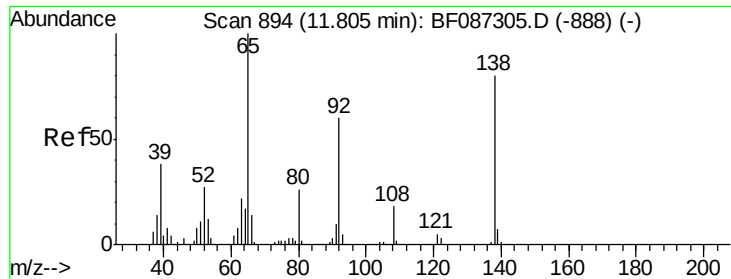
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#46
 2-Chloronaphthalene
 Concen: 39.53 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	31.8	47.6
164	33.1	27.0	40.6





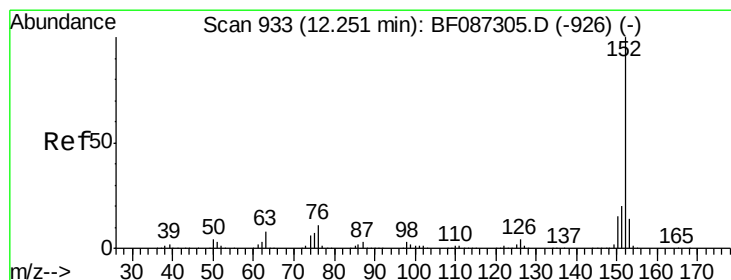
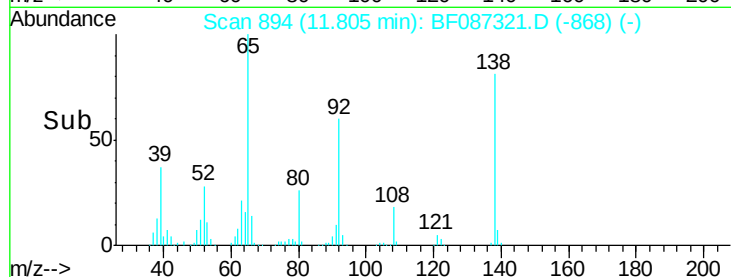
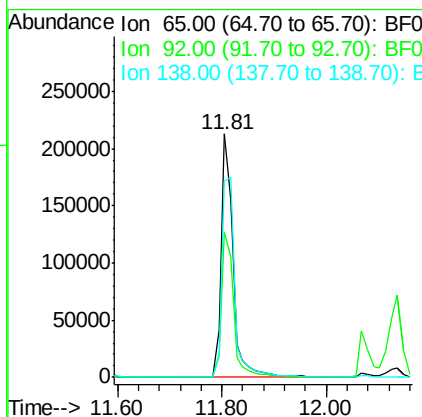
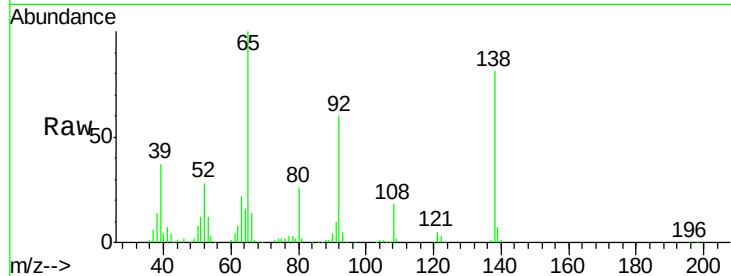
#47
2-Nitroaniline
Concen: 41.54 ng
RT: 11.81 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	57.4	86.2
138	80.8	90.1	135.1#

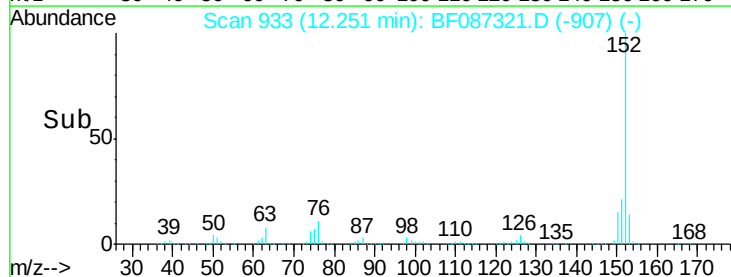
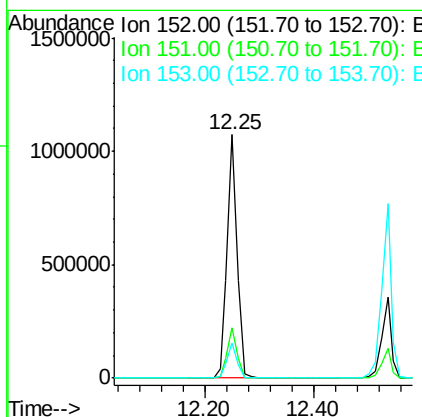
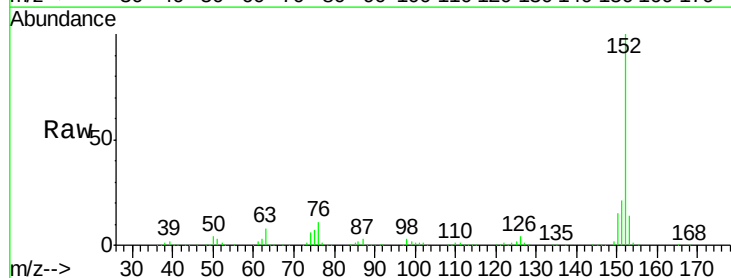
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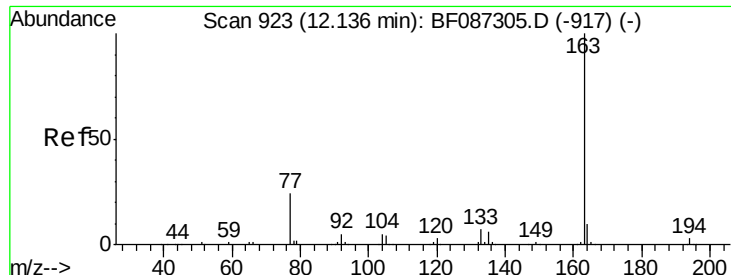
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#48
Acenaphthylene
Concen: 39.06 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.2	10.9	16.3





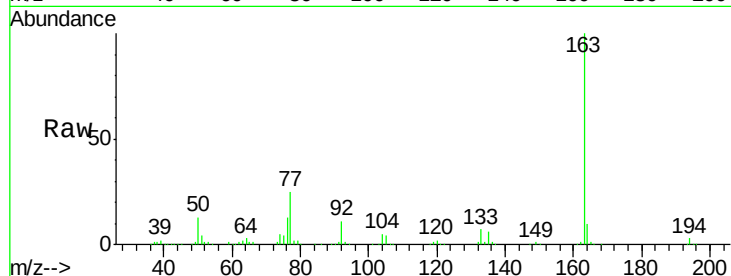
#49
Dimethylphthalate
Concen: 39.73 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

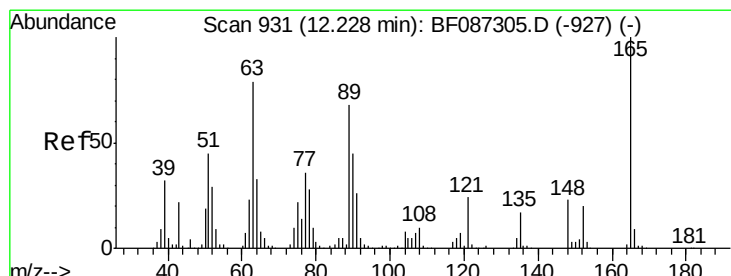
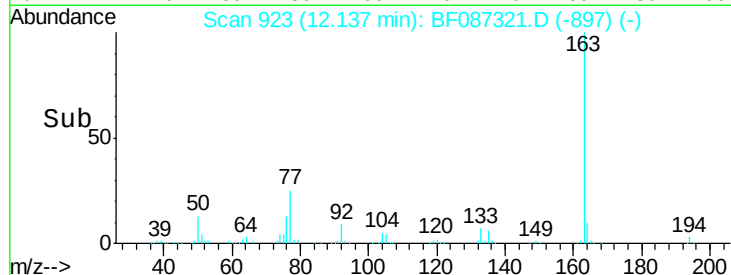
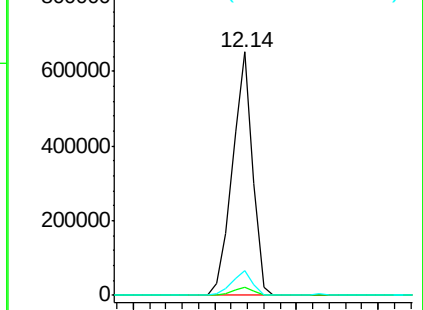
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.2	12.4

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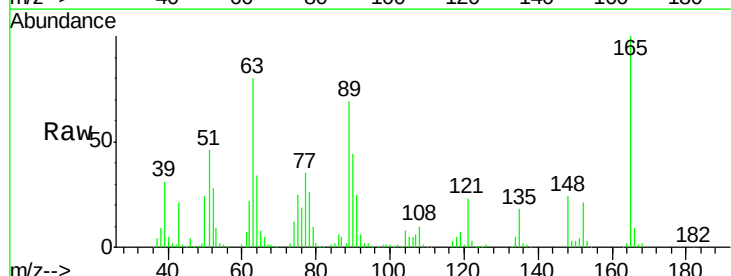


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

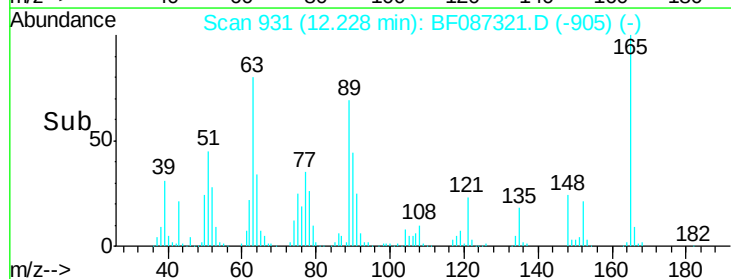
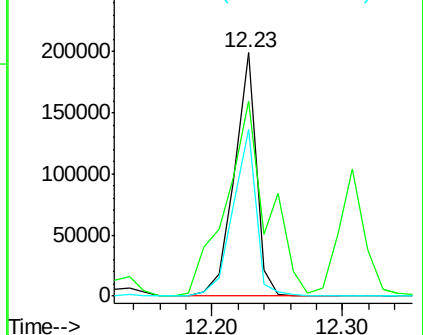


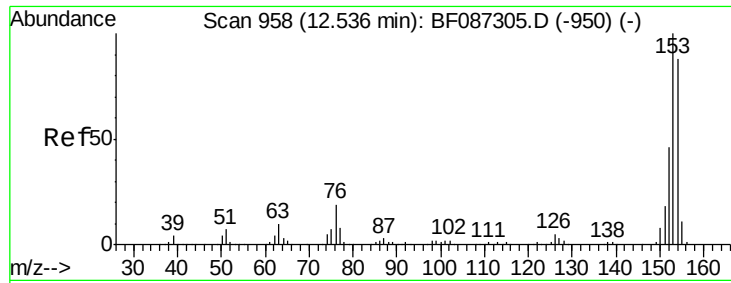
#50
2,6-Dinitrotoluene
Concen: 41.25 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	80.0	51.8	77.8#
89	68.6	50.7	76.1



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





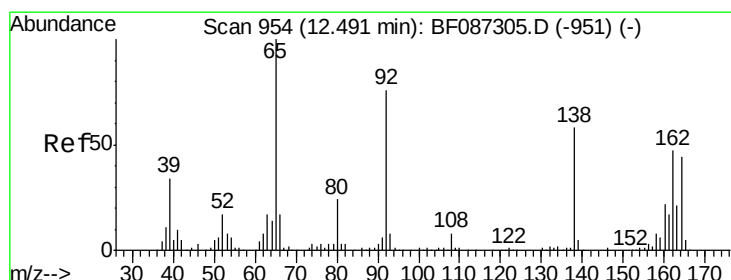
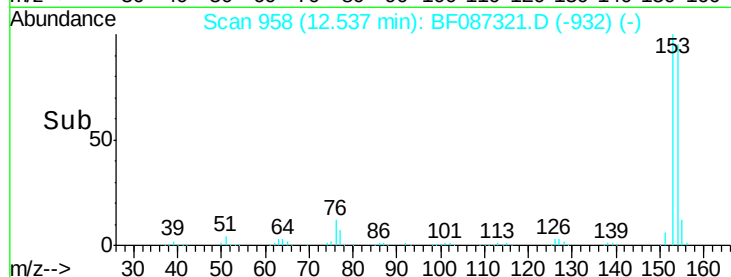
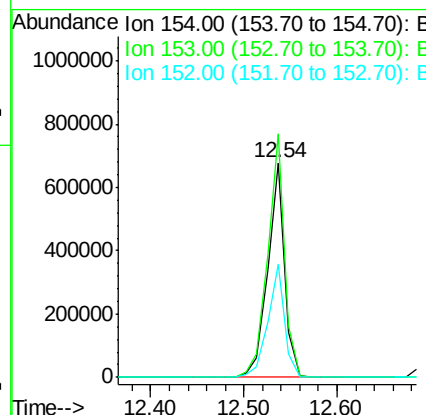
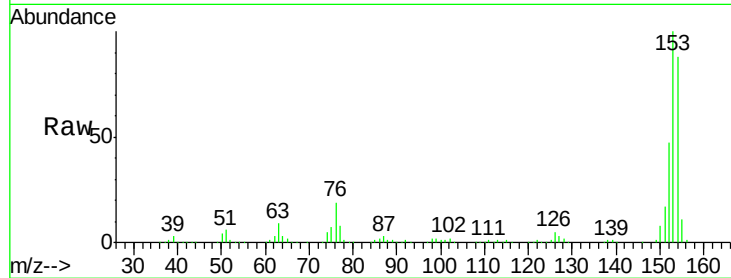
#51
Acenaphthene
Concen: 38.95 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	852345		
153	113.6	89.8	134.6	
152	53.0	43.4	65.0	

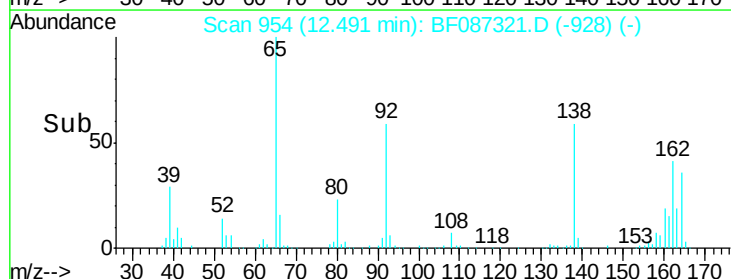
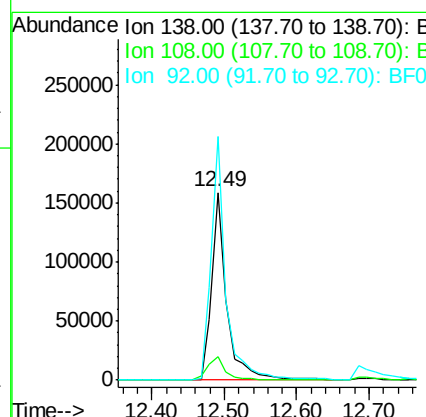
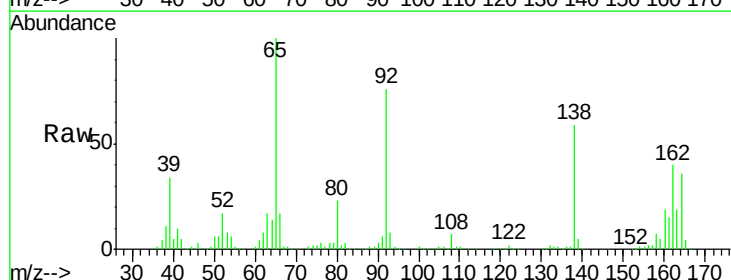
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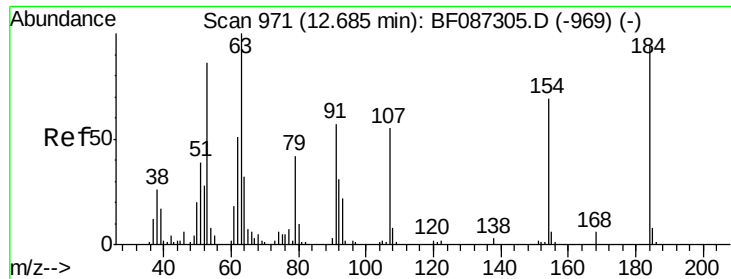
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#52
3-Nitroaniline
Concen: 40.05 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	231650		
108	12.6	7.8	11.6#	
92	129.7	87.8	131.8	





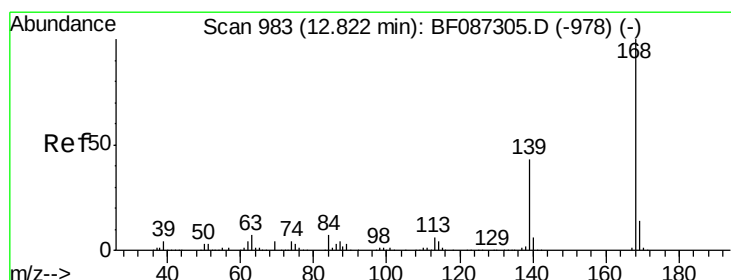
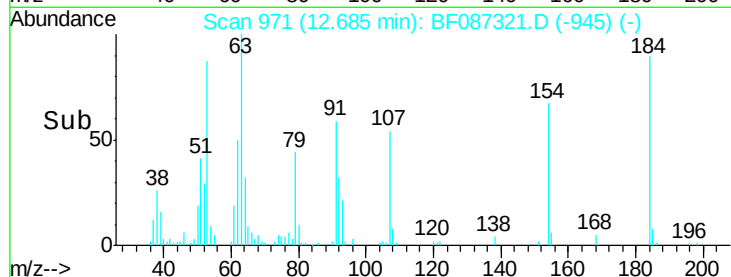
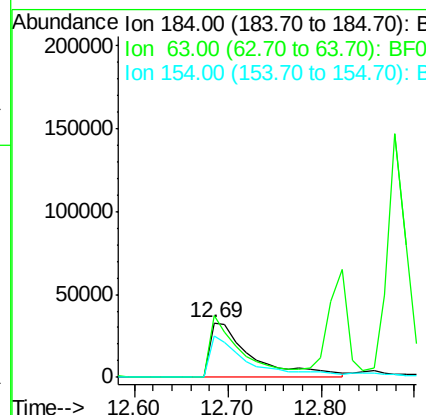
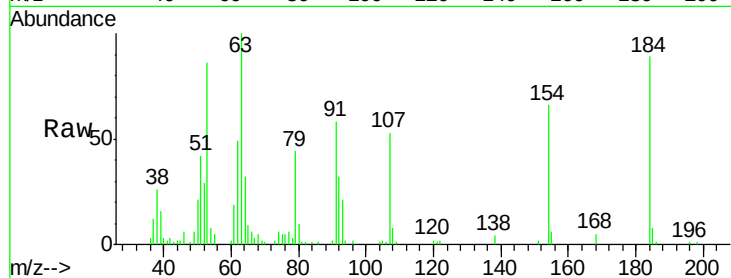
#53
2,4-Dinitrophenol
Concen: 39.60 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	103832		
63	112.2	55.8	83.8#	
154	74.6	62.4	93.6	

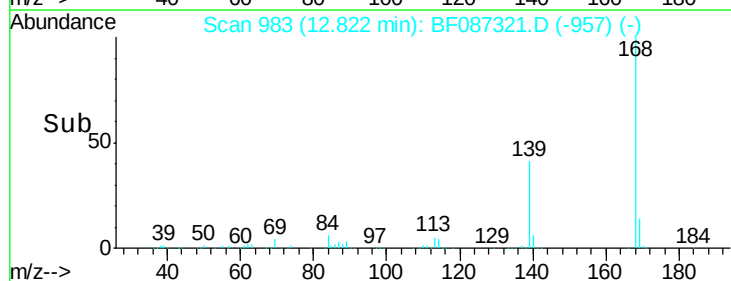
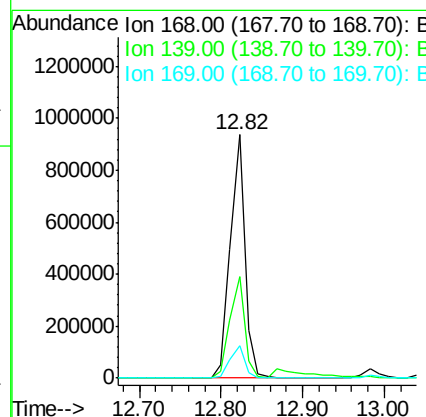
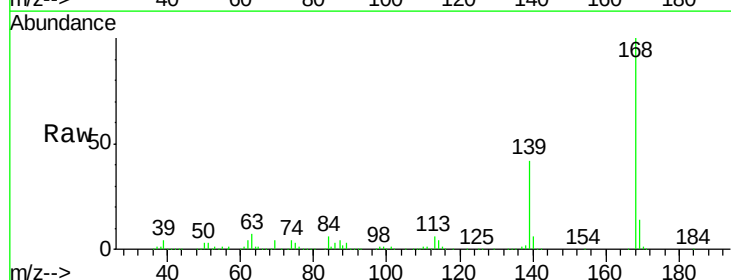
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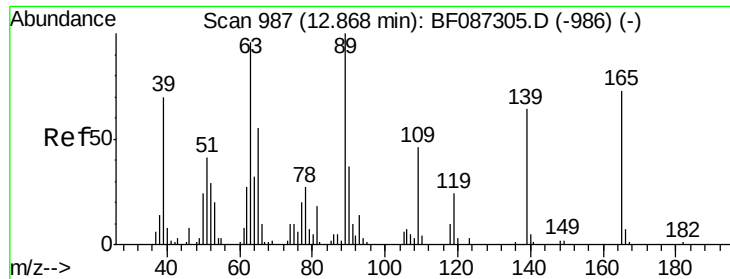
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#54
Dibenzofuran
Concen: 39.45 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1169032		
139	41.7	31.4	47.0	
169	13.6	10.7	16.1	





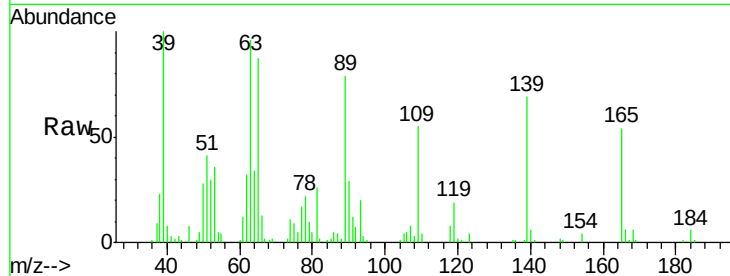
#55
4-Nitrophenol
Concen: 42.46 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117149		
109	80.0	36.9	76.9#	
65	126.5	64.0	104.0#	

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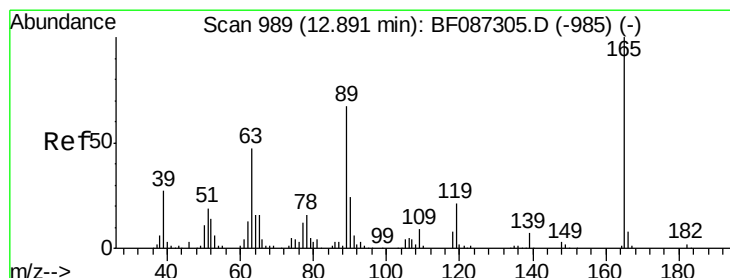
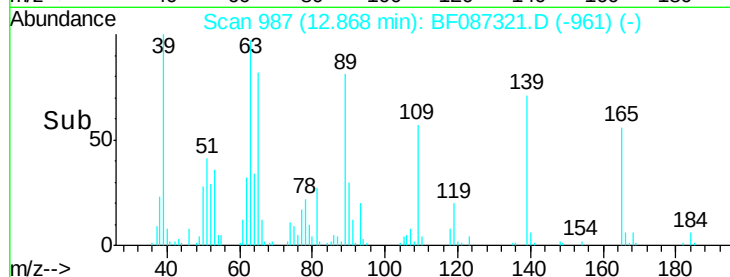
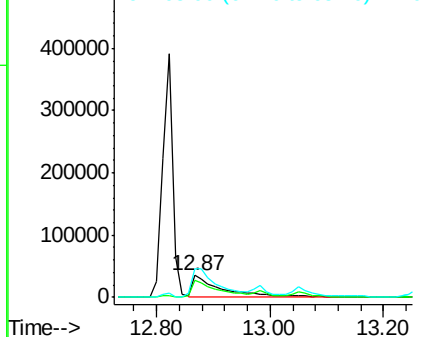


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 41.11 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	309641		
63	71.9	44.3	66.5#	
89	89.7	70.0	105.0	
182	2.3	1.8	2.6	

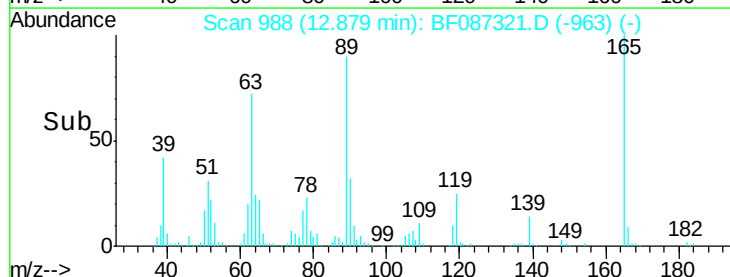
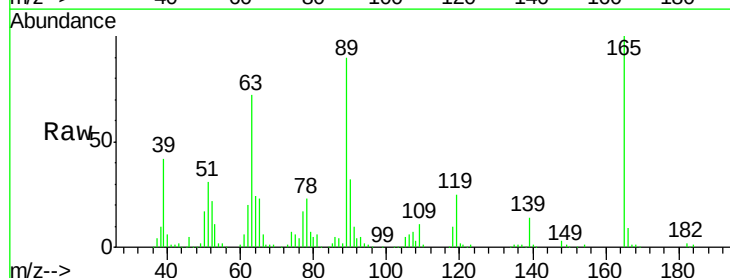
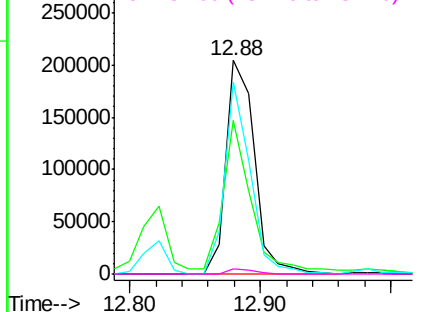
Abundance

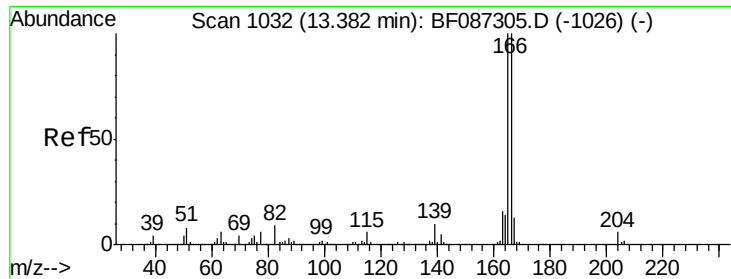
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.89 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

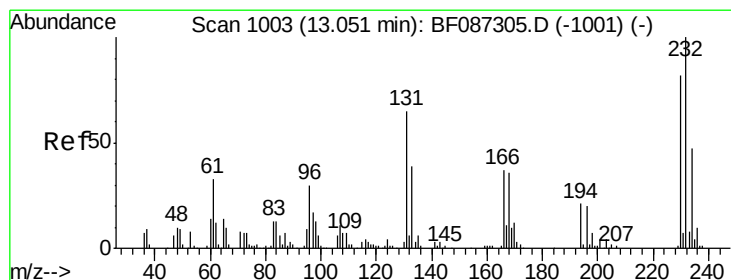
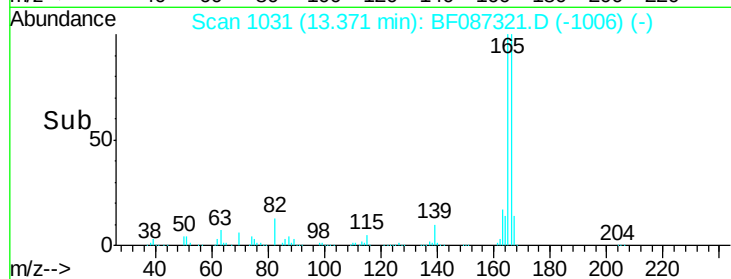
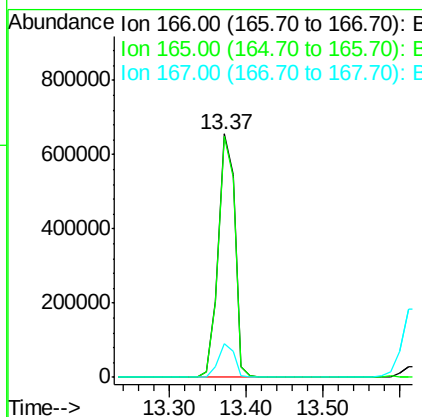
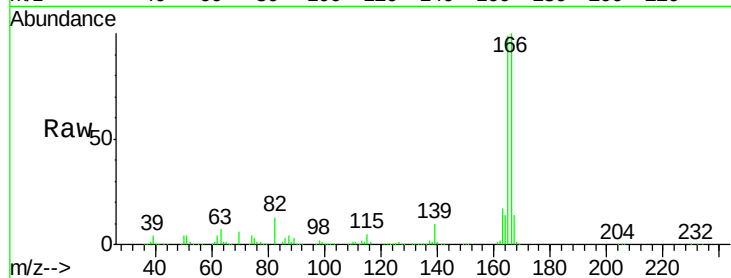
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	999120
Ion Ratio		Lower	Upper
166	100		
165	99.2	79.0	118.6
167	13.9	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.65 ng

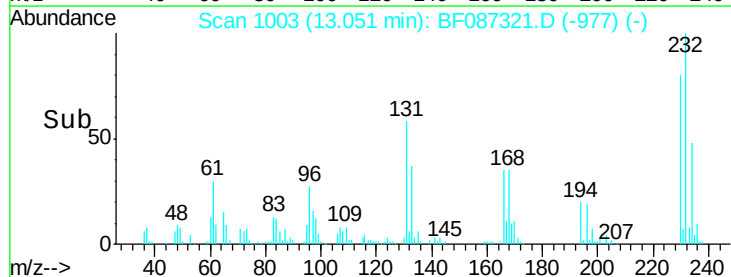
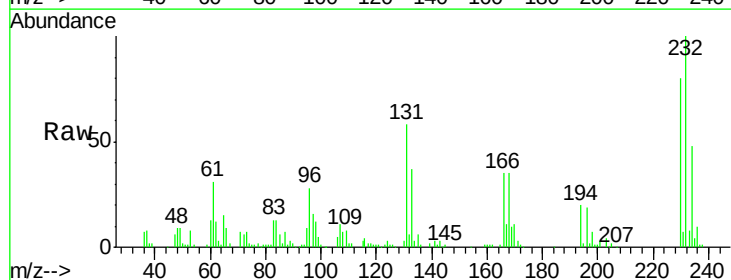
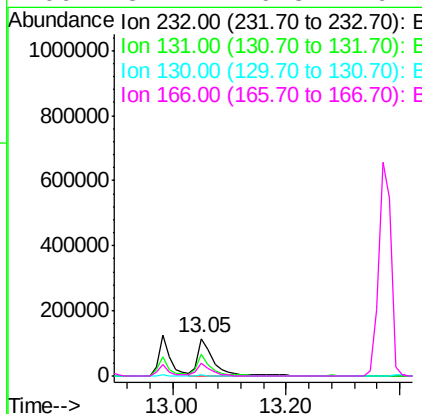
RT: 13.05 min Scan# 1003

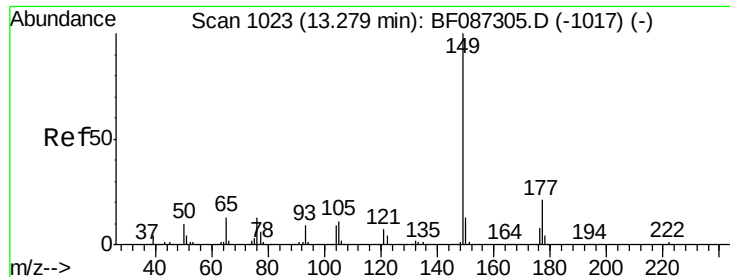
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	232	Resp:	215534
Ion Ratio		Lower	Upper
232	100		
131	53.2	41.9	62.9
130	2.6	2.2	3.4
166	32.7	26.8	40.2





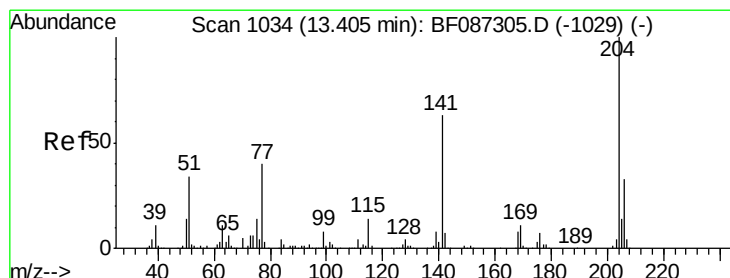
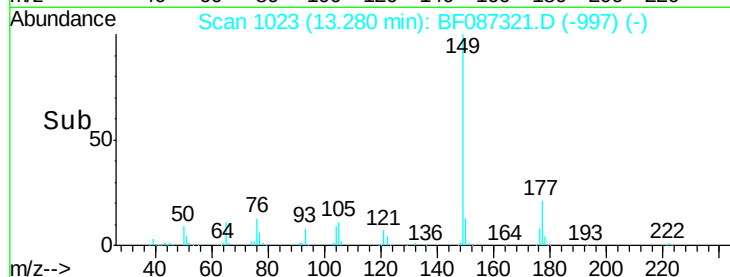
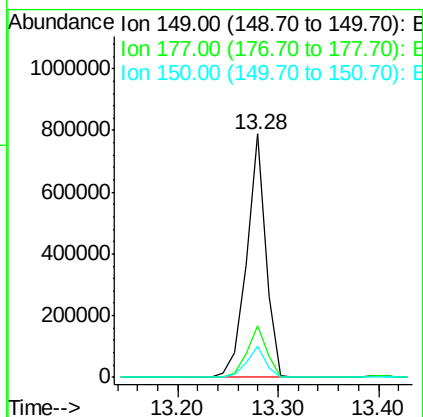
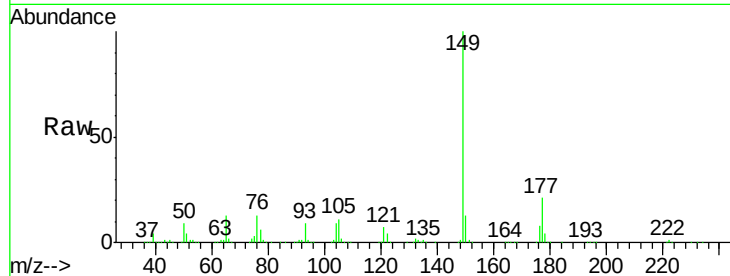
#59
Diethylphthalate
Concen: 38.37 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.6	24.8
150	12.8	10.0	15.0

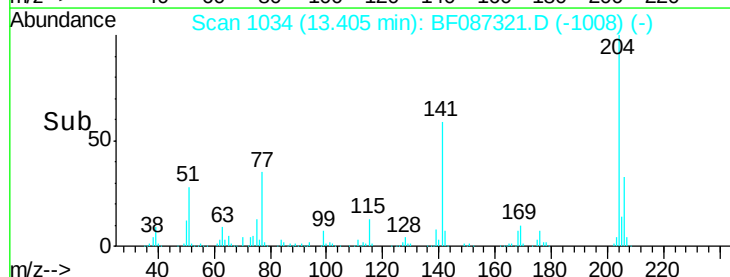
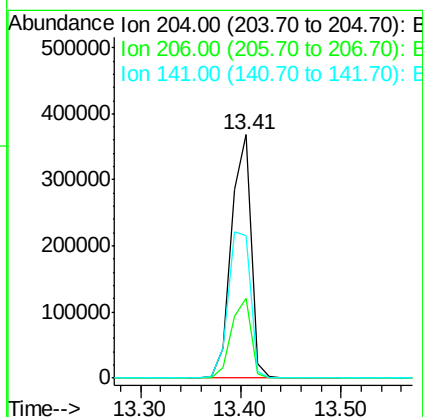
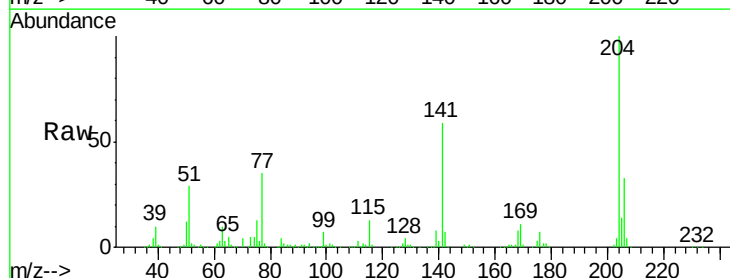
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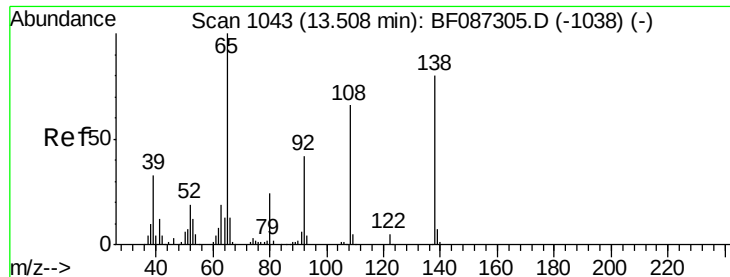
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#60
4-Chlorophenyl-phenylether
Concen: 39.87 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.4	38.0
141	58.7	61.6	92.4#





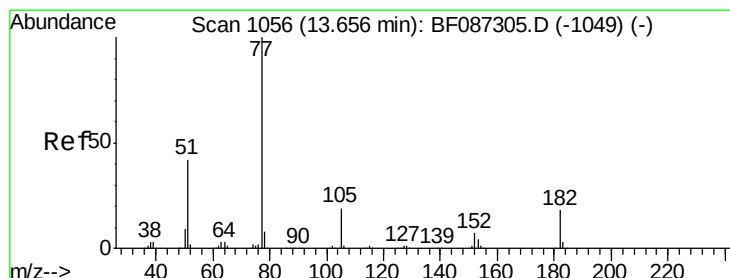
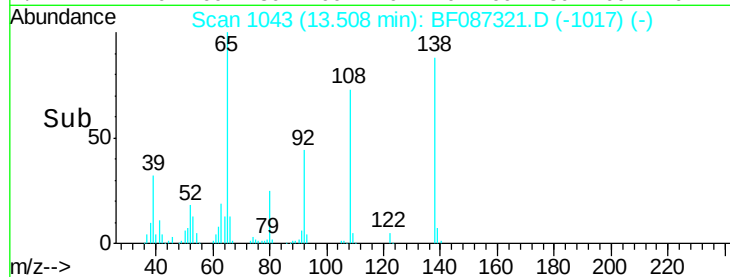
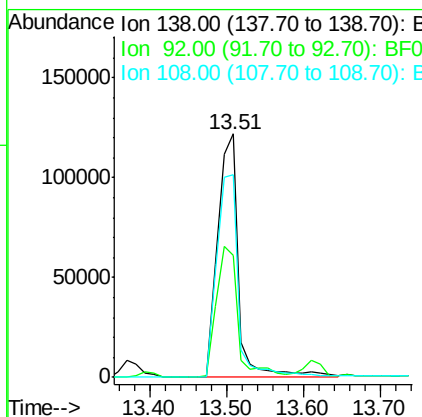
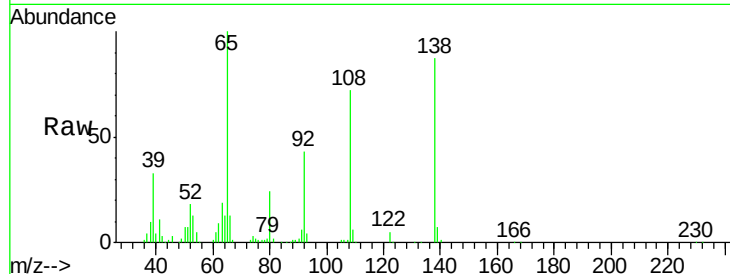
#61
4-Nitroaniline
Concen: 43.10 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	24.7	64.7
108	83.1	37.4	77.4

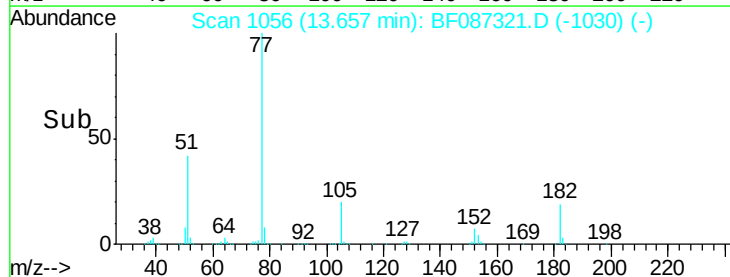
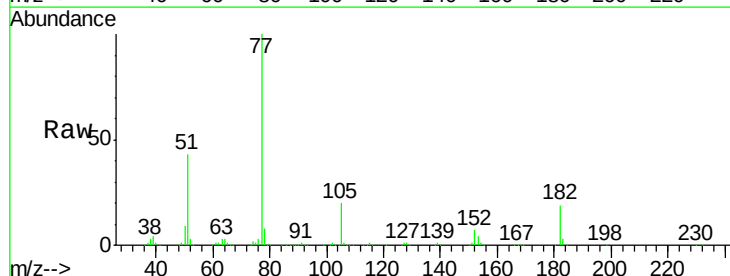
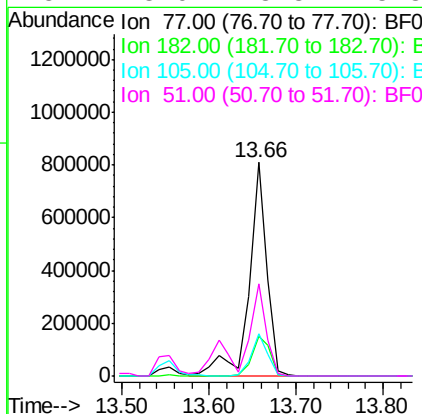
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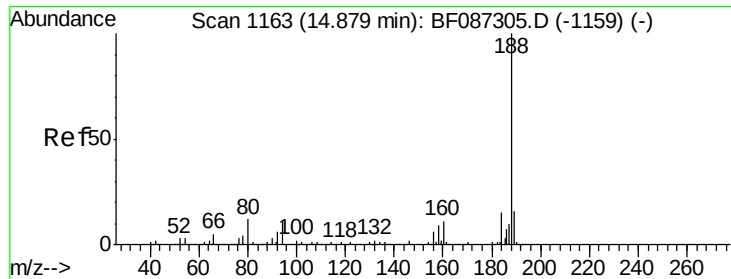
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#62
Azobenzene
Concen: 41.15 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	38.8
105	20.0	3.2	43.2
51	43.0	8.8	48.8





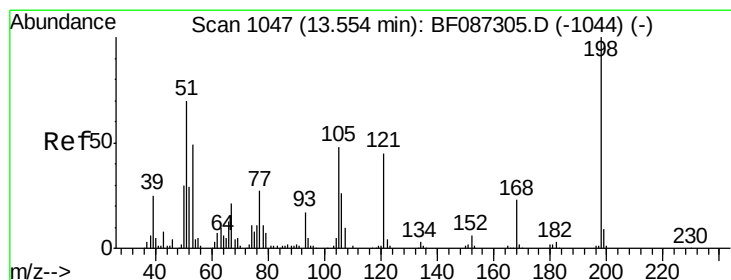
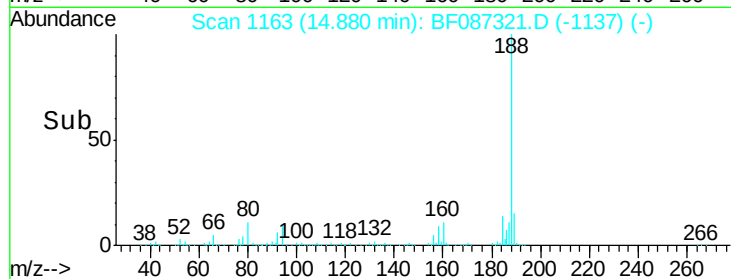
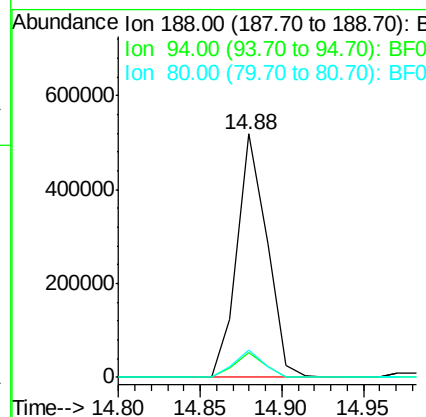
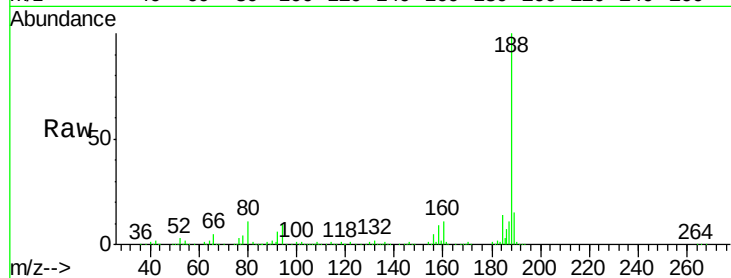
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	6.8	10.2
80	11.4	7.1	10.7

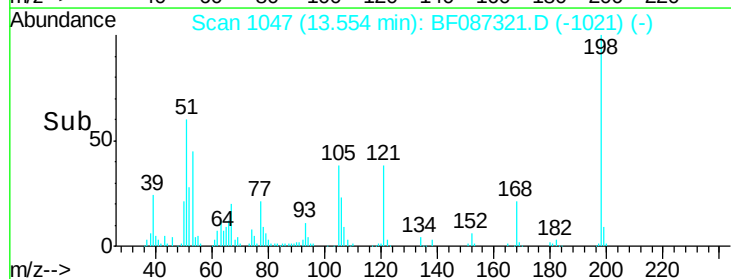
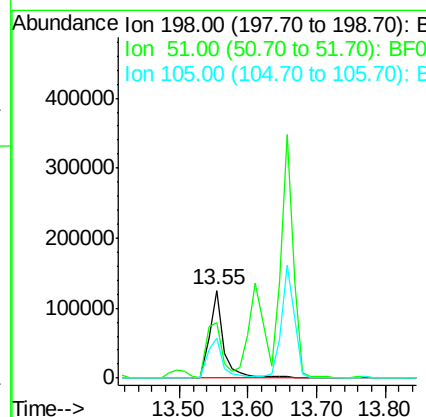
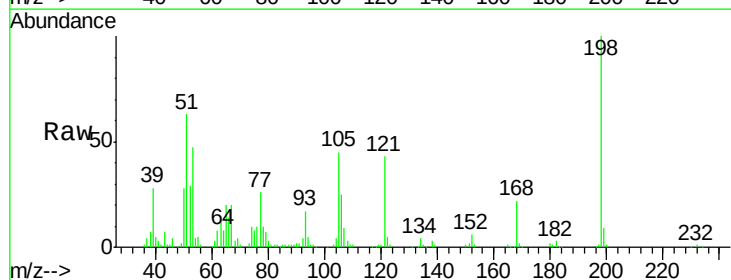
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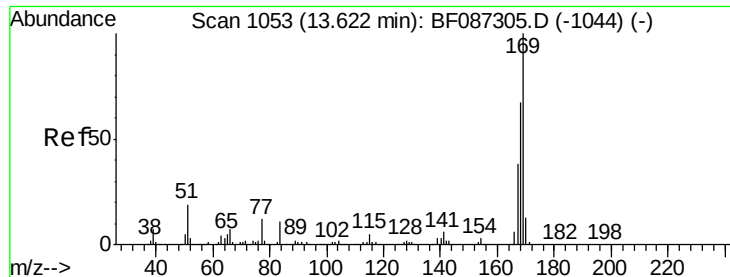
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.84 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	63.4	20.5	60.5
105	45.2	24.5	64.5





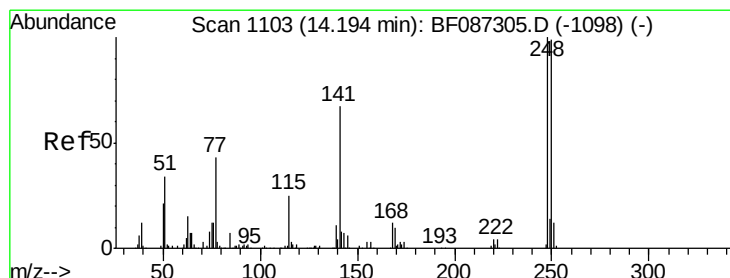
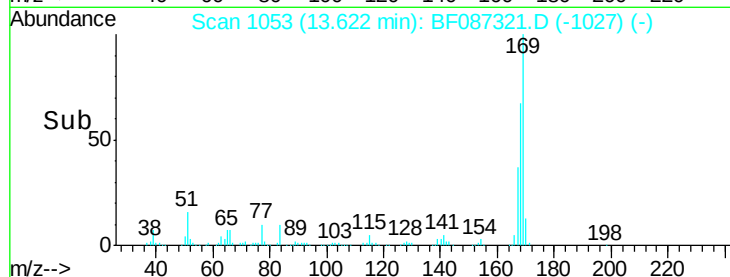
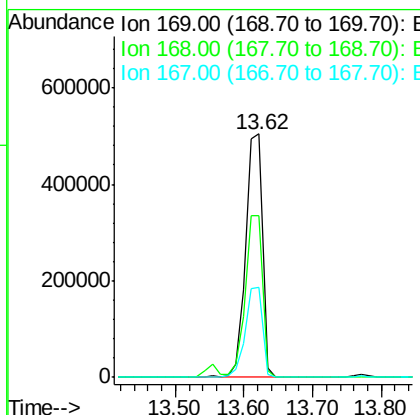
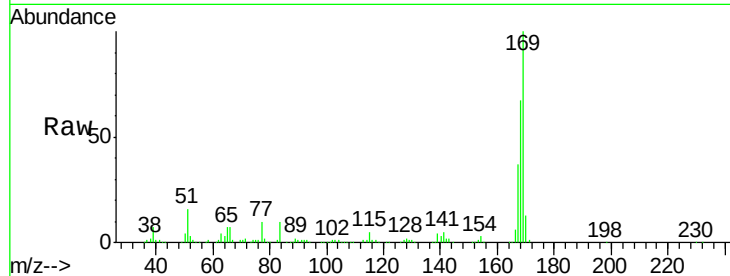
#65
 n-Nitrosodiphenylamine
 Concen: 40.13 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	851601		
168	66.6	53.8	80.6	
167	36.8	29.5	44.3	

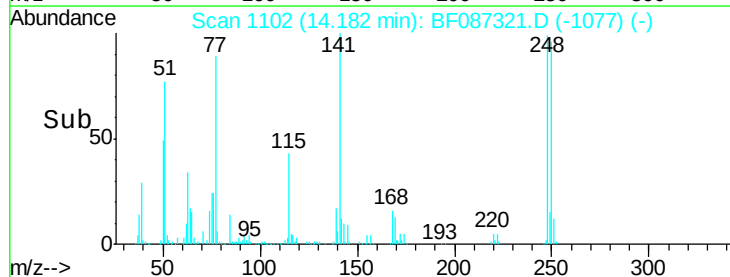
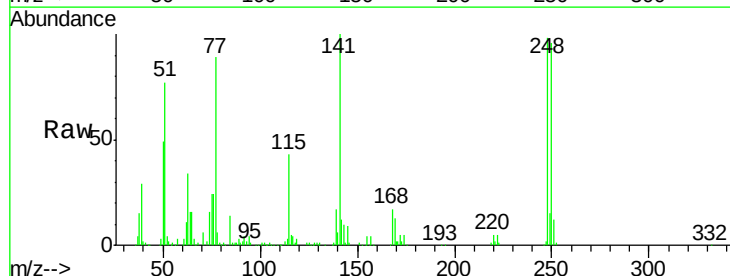
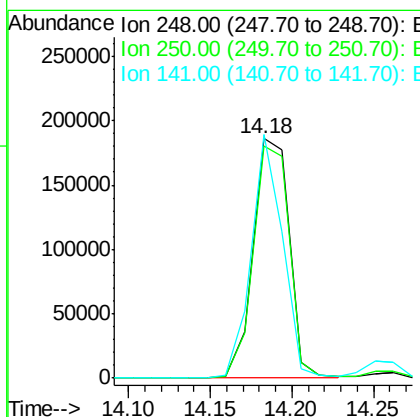
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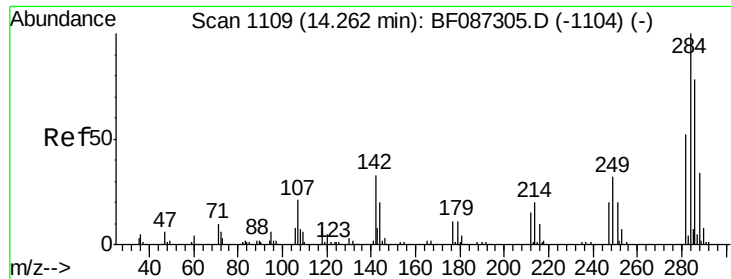
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#66
 4-Bromophenyl-phenylether
 Concen: 39.74 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	285269		
250	97.1	78.6	117.8	
141	101.6	76.0	114.0	





#67

Hexachlorobenzene

Concen: 39.49 ng

RT: 14.26 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

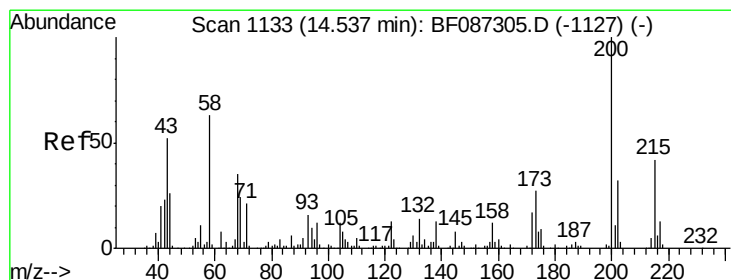
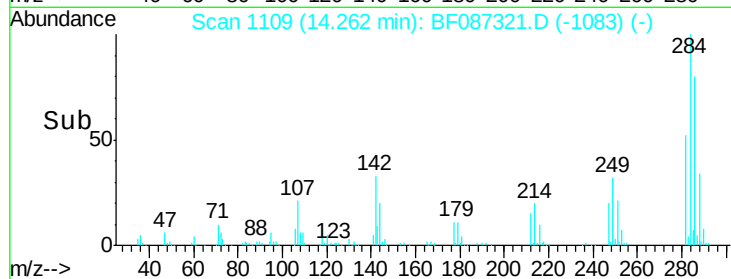
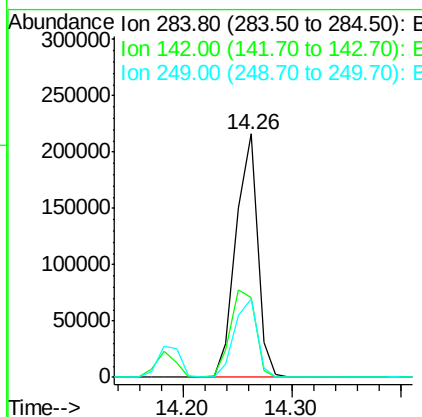
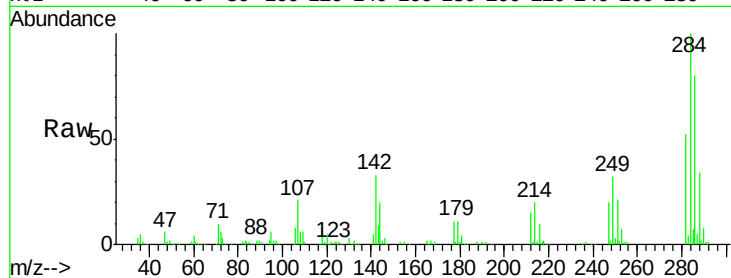
ClientSampleId :

SSTDCCC040

Tgt Ion:	284	Resp:	296443
Ion Ratio	Lower	Upper	
284	100		
142	33.0	16.7	25.1#
249	32.4	21.3	31.9#

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#68

Atrazine

Concen: 40.66 ng

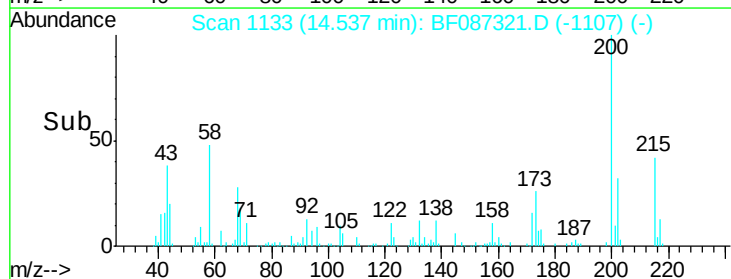
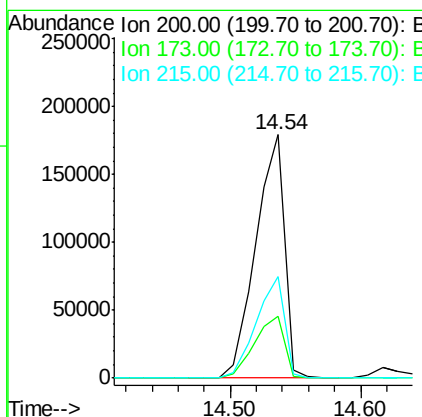
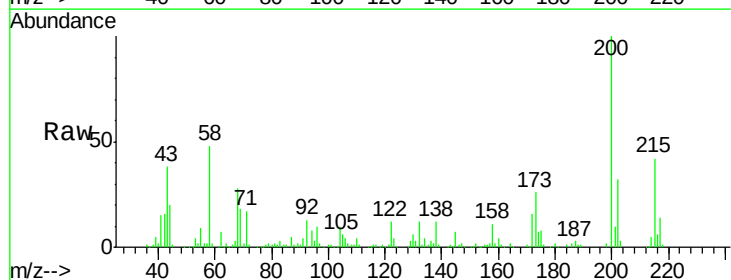
RT: 14.54 min Scan# 1133

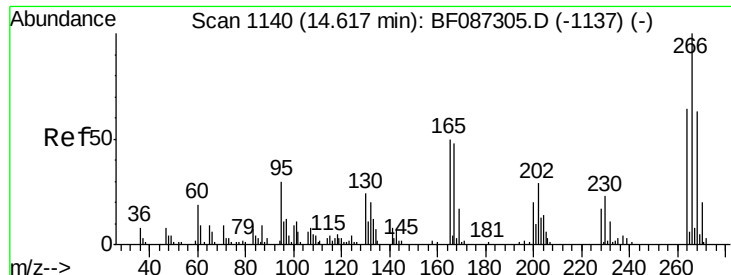
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	200	Resp:	275012
Ion Ratio	Lower	Upper	
200	100		
173	25.6	8.5	48.5
215	41.8	27.2	67.2





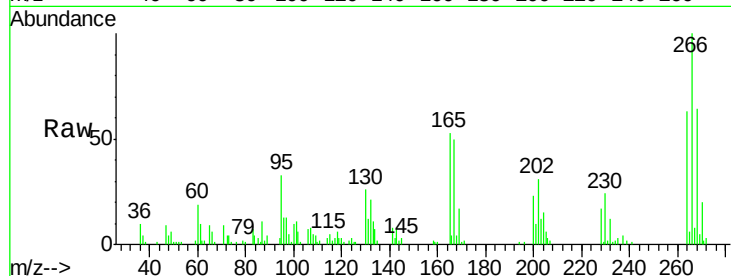
#69
 Pentachlorophenol
 Concen: 40.62 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

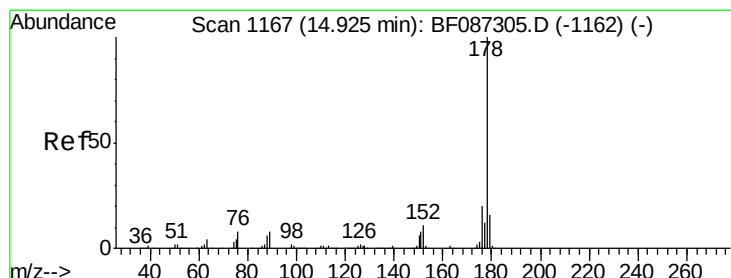
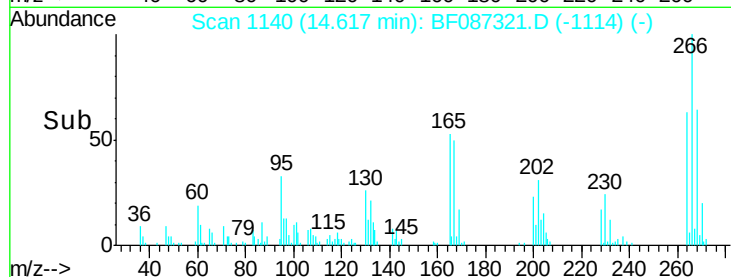
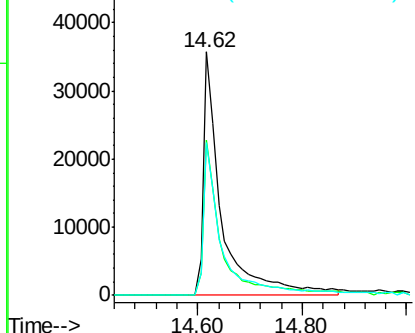
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.5	77.3
264	62.9	52.9	79.3

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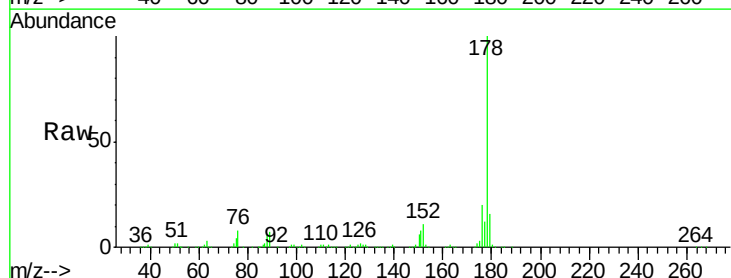


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

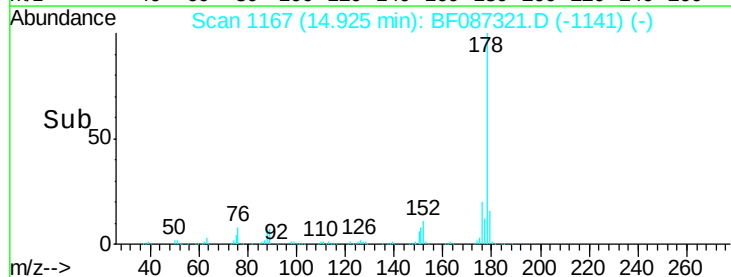
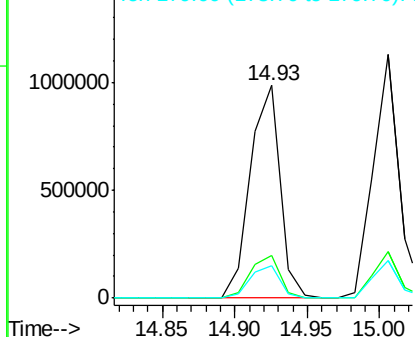


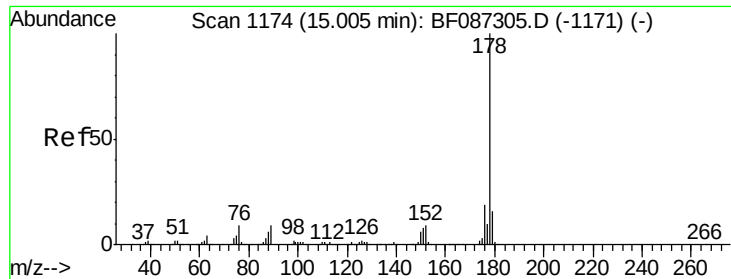
#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	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





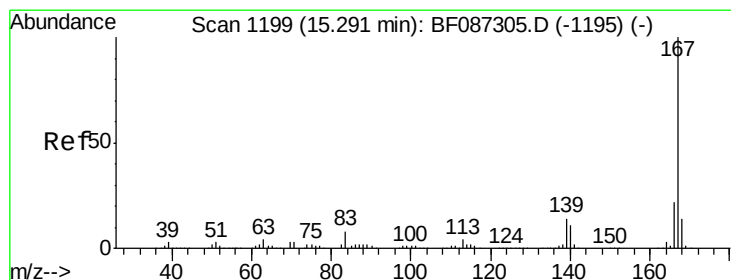
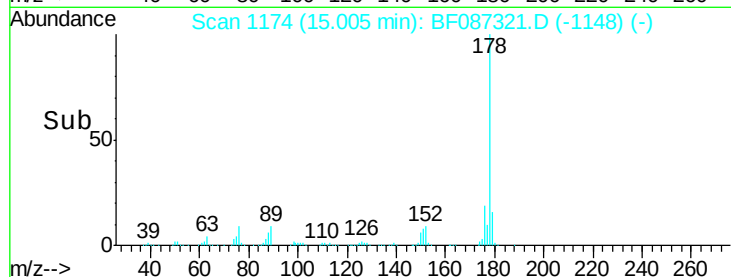
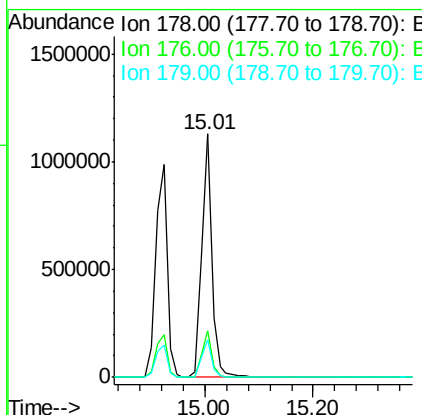
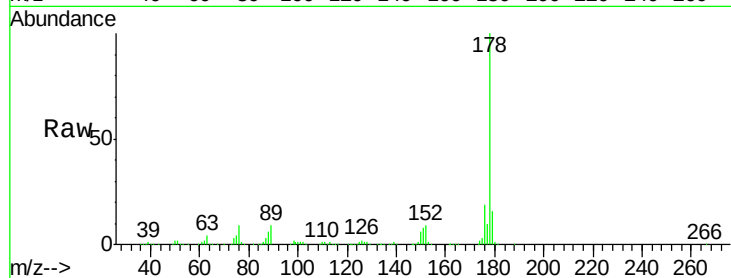
#71
 Anthracene
 Concen: 38.94 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1429829
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.6 12.7 19.1

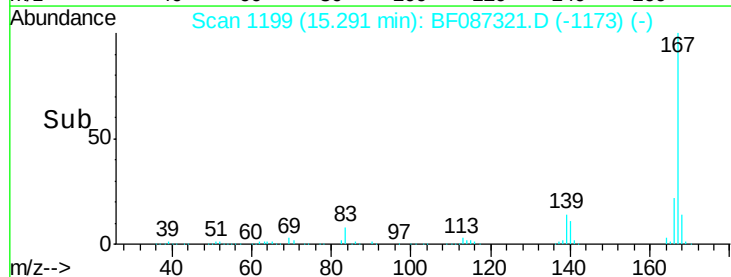
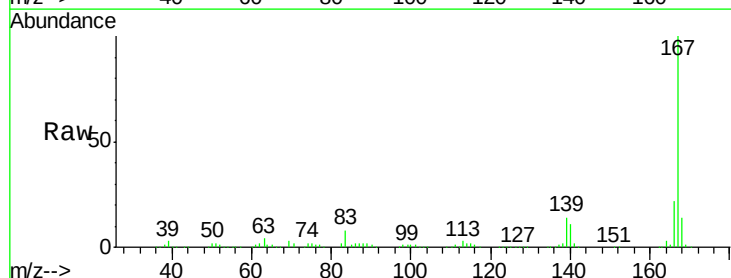
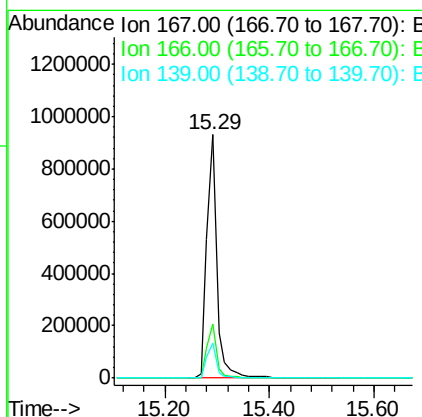
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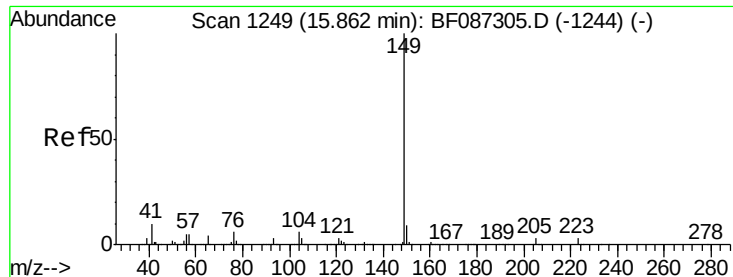
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#72
 Carbazole
 Concen: 39.75 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion:167 Resp: 1244803
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.27 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

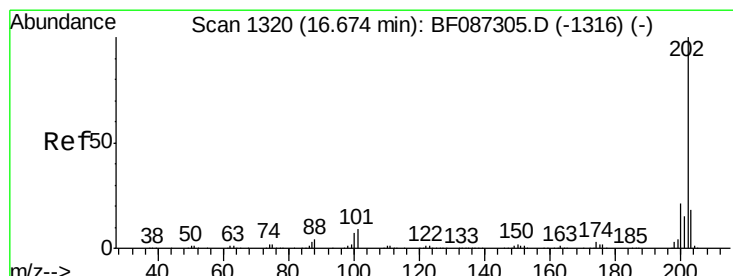
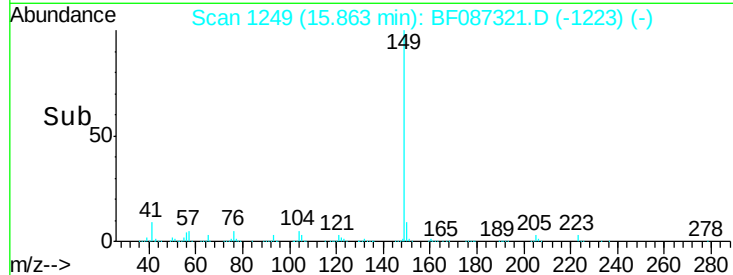
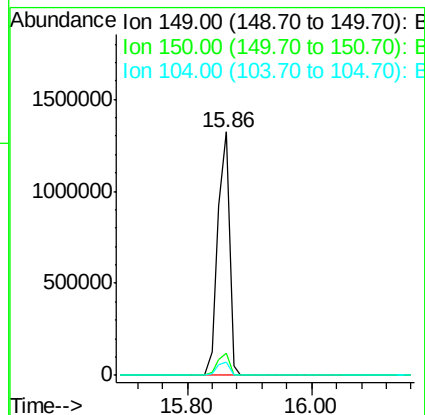
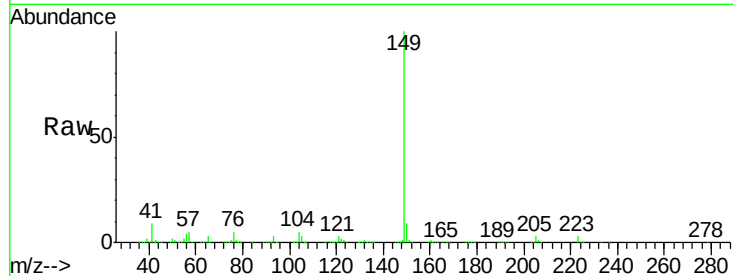
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1671294
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.2	3.8	5.6

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#74

Fluoranthene

Concen: 38.65 ng

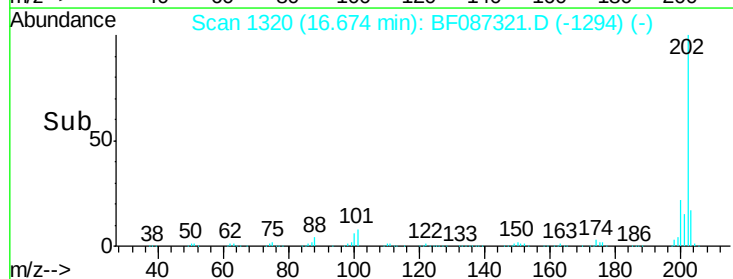
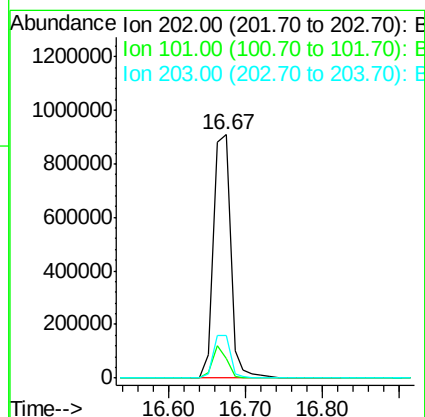
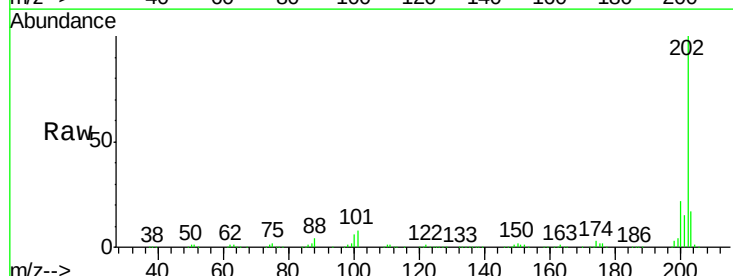
RT: 16.67 min Scan# 1320

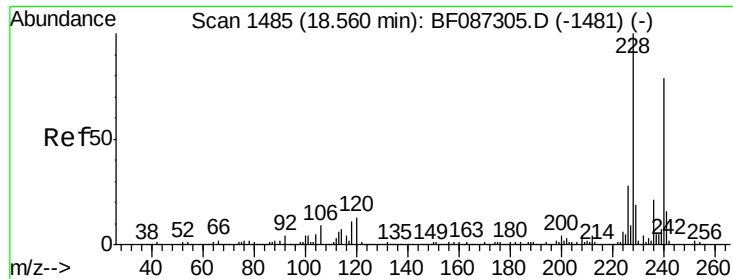
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	202	Resp:	1408475
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	35.4
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

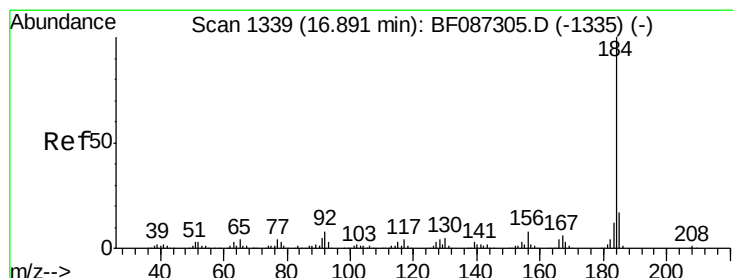
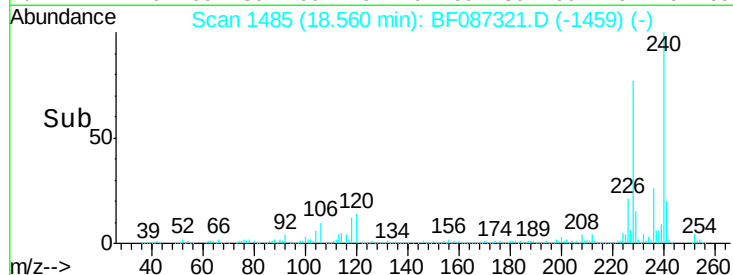
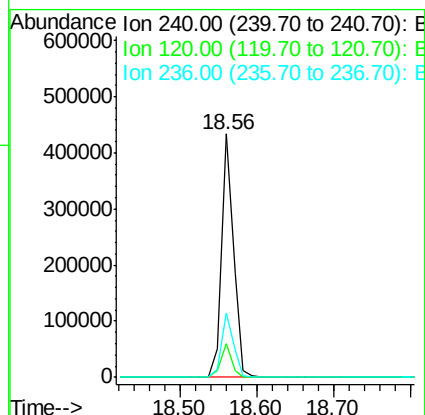
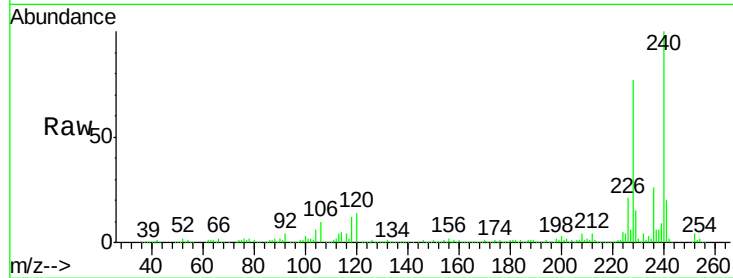
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	474965
Ion Ratio		Lower	Upper
240	100		
120	13.6	11.2	16.8
236	26.3	21.2	31.8

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#76

Benzidine

Concen: 42.14 ng

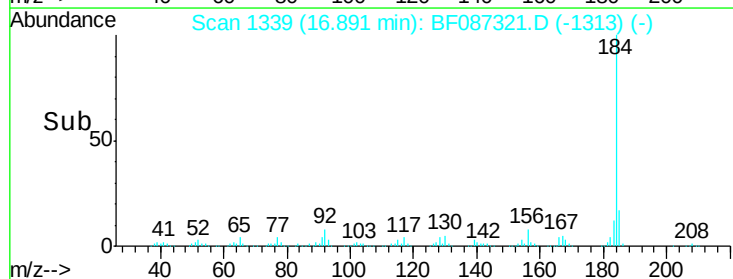
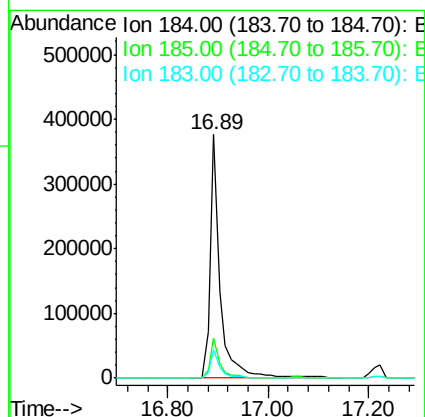
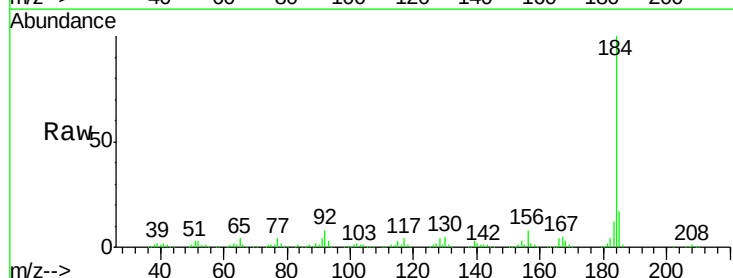
RT: 16.89 min Scan# 1339

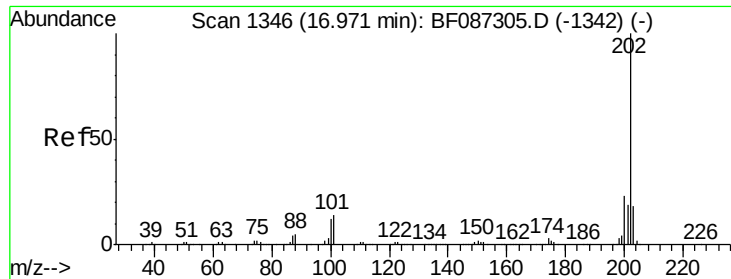
Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Tgt Ion:	184	Resp:	514976
Ion Ratio		Lower	Upper
184	100		
185	16.7	13.6	20.4
183	11.7	9.8	14.6





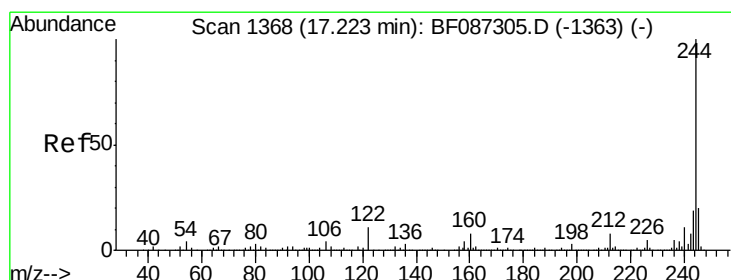
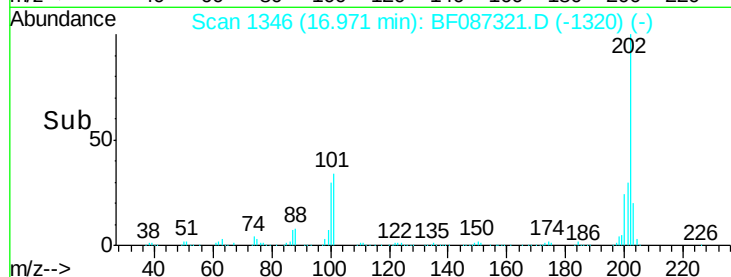
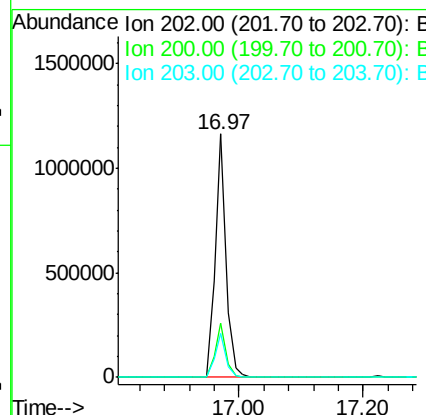
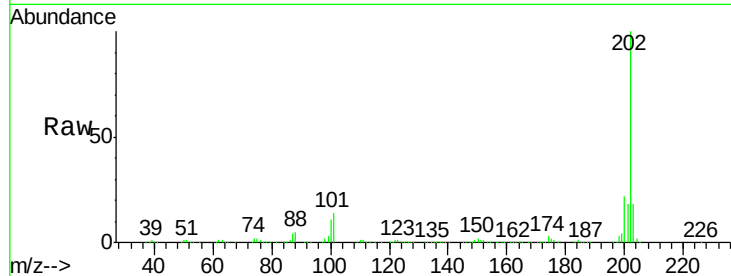
#77
 Pyrene
 Concen: 40.46 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.2	21.4

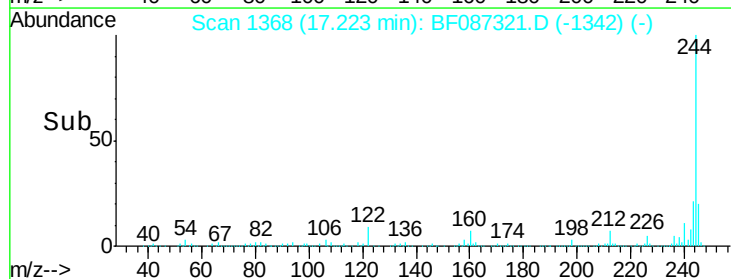
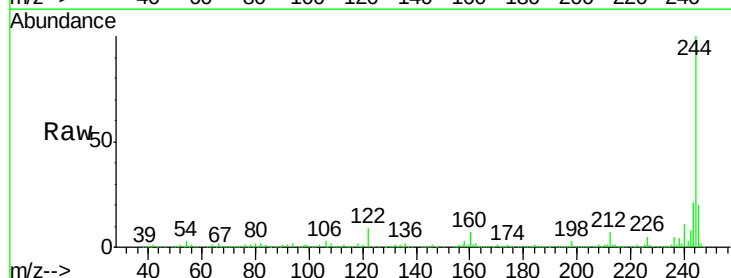
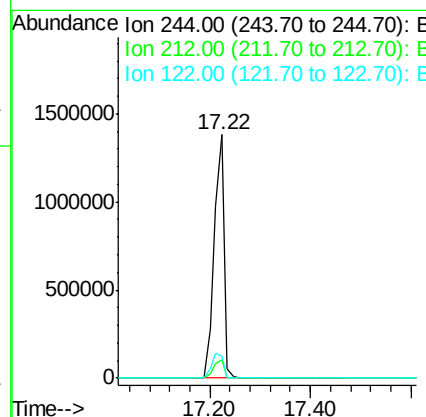
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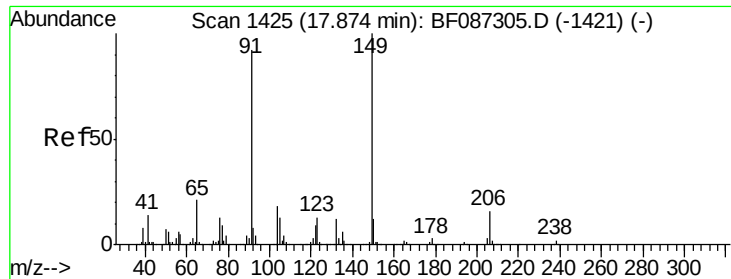
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#78
 Terphenyl-d14
 Concen: 83.73 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.0	12.0	18.0





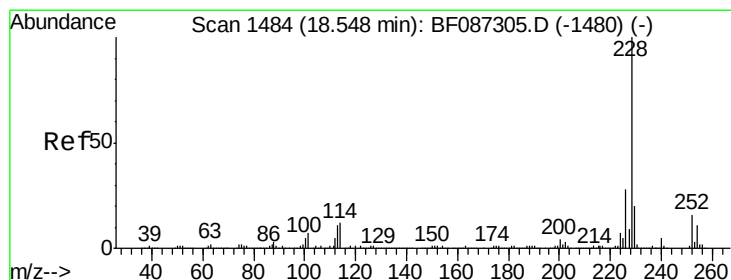
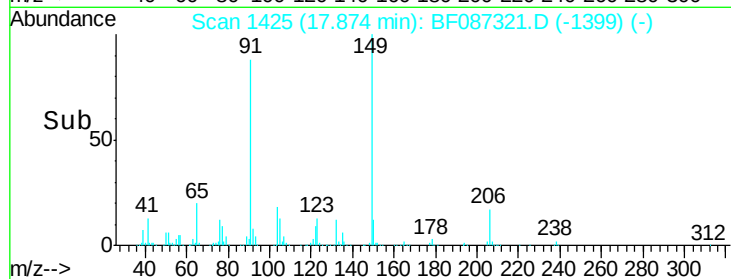
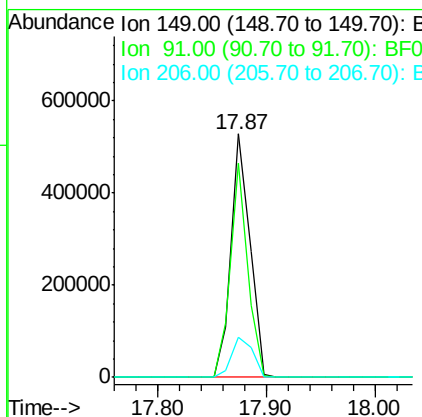
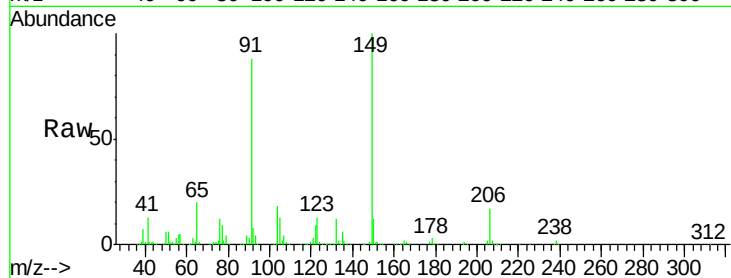
#79
Butylbenzylphthalate
Concen: 41.79 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	633655		
91	88.2	48.0	72.0#	
206	16.7	15.8	23.6	

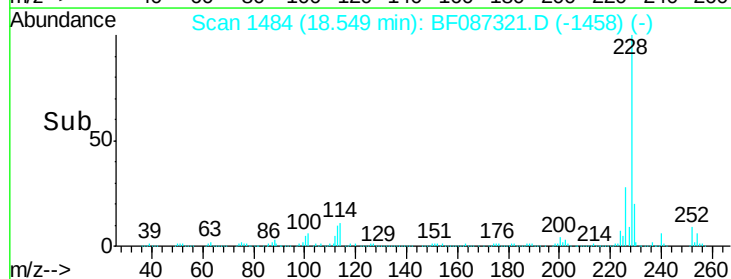
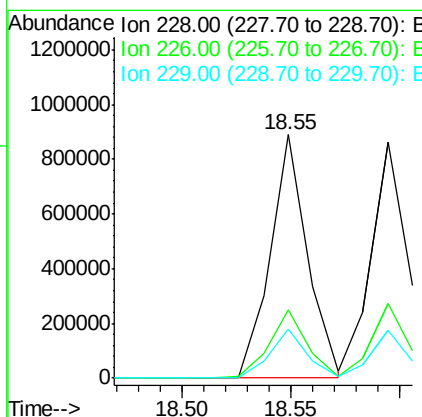
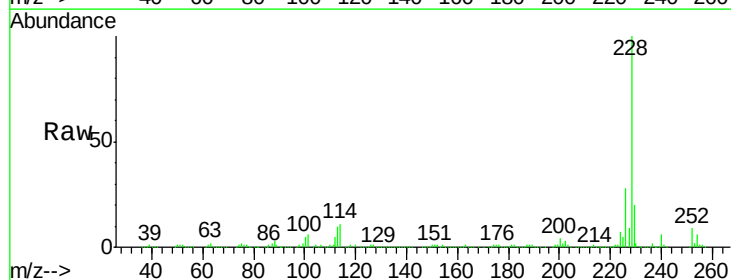
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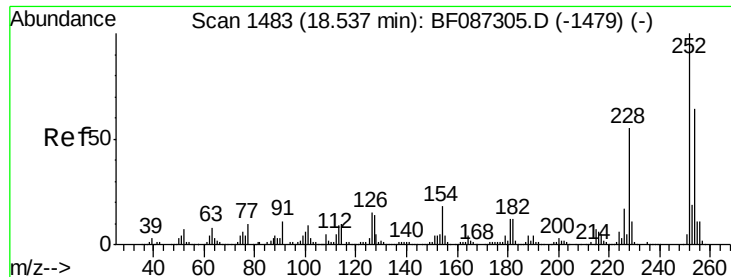
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#80
Benzo(a)anthracene
Concen: 39.41 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1064712		
226	28.3	22.5	33.7	
229	20.1	16.6	25.0	





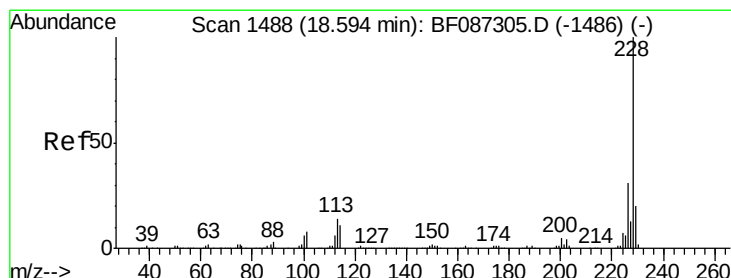
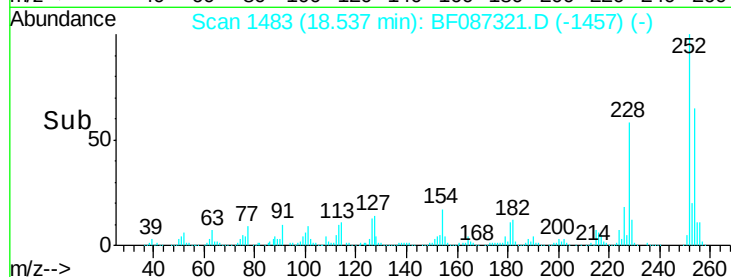
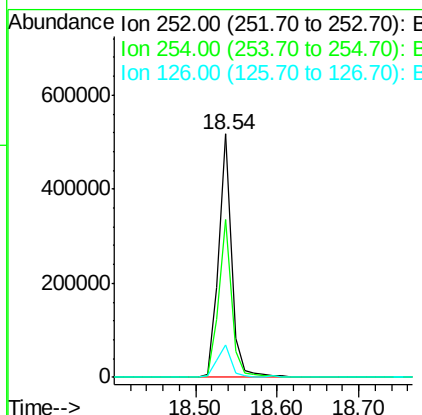
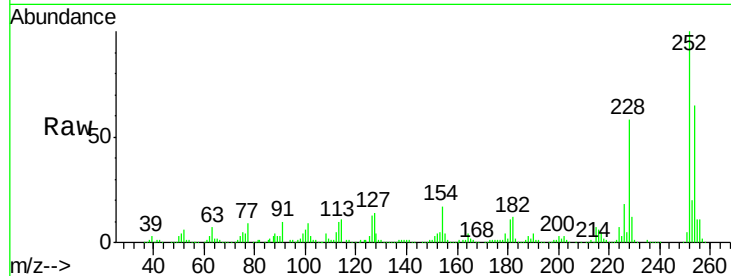
#81
 3,3'-Dichlorobenzidine
 Concen: 38.82 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.7	76.1
126	13.4	12.7	19.1

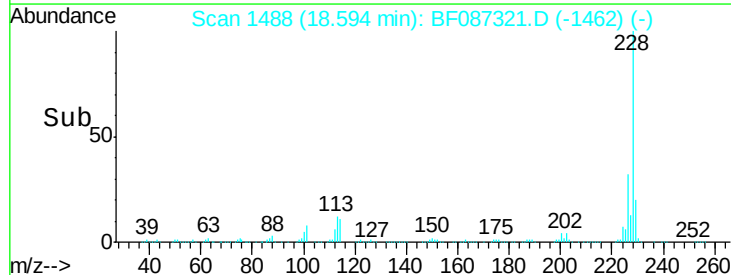
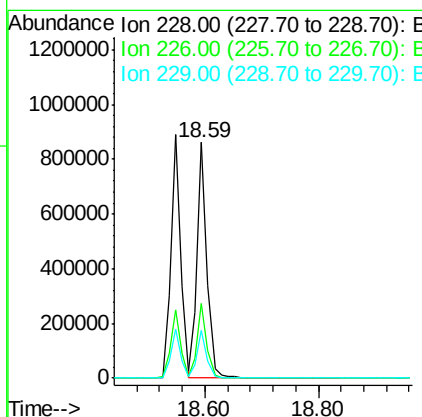
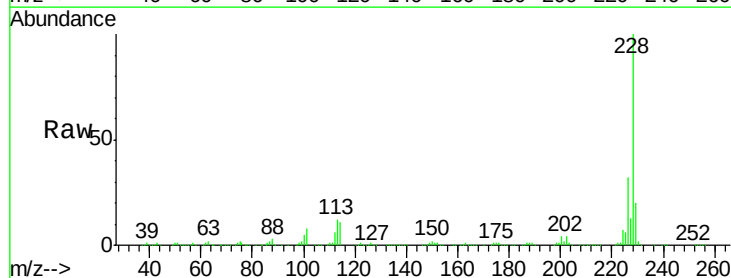
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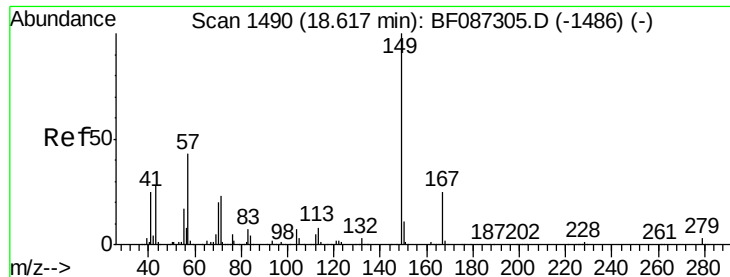
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#82
 Chrysene
 Concen: 38.51 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.2	15.8	23.8





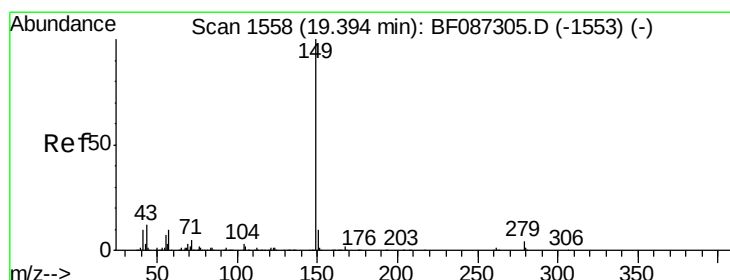
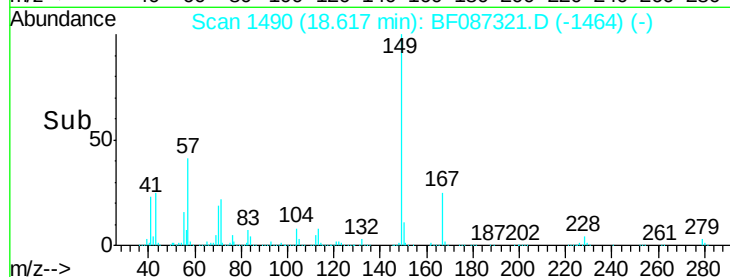
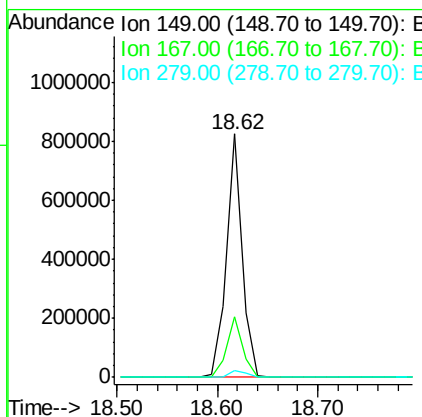
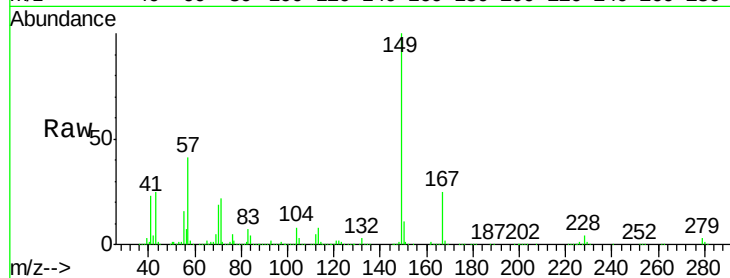
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.39 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	893536		
167	25.0	21.8	32.6	
279	2.8	2.6	4.0	

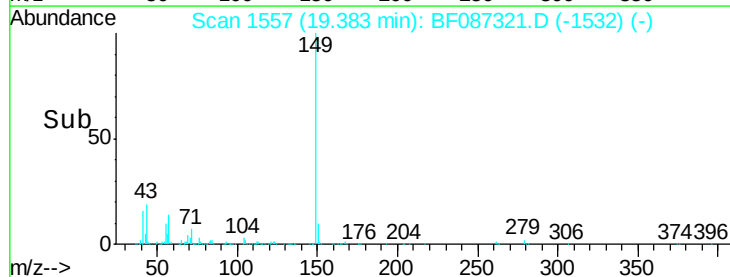
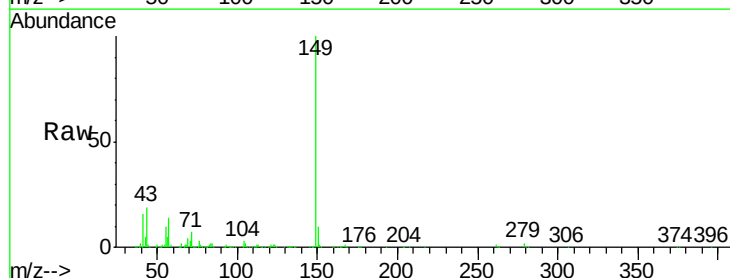
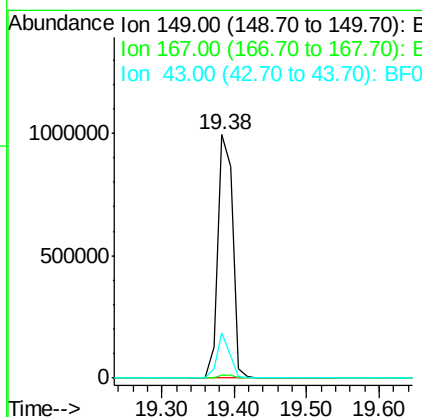
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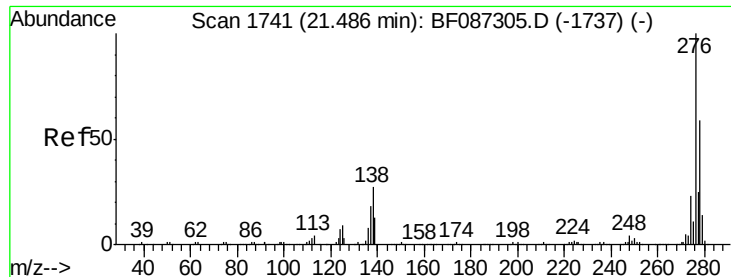
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#84
 Di-n-octyl phthalate
 Concen: 41.44 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1398232		
167	1.5	1.2	1.8	
43	16.2	8.2	12.4	





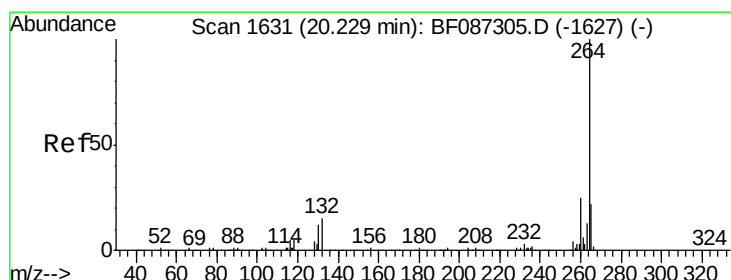
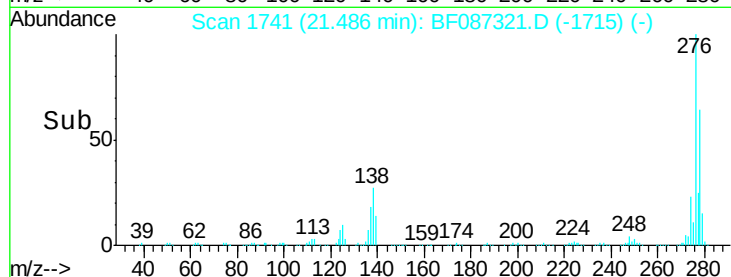
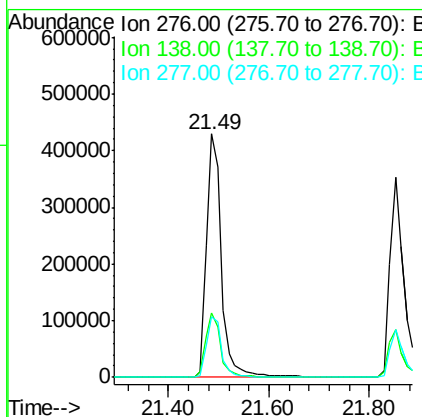
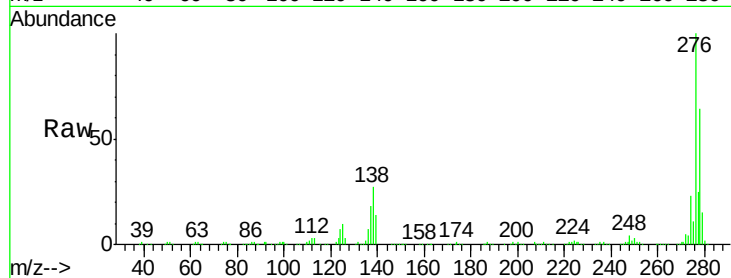
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.15 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		884596		
138	27.2	25.6	38.4		
277	25.5	20.5	30.7		

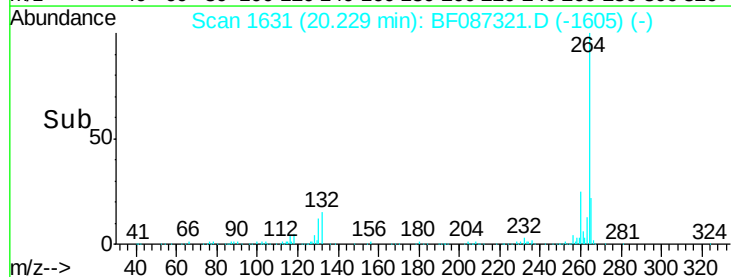
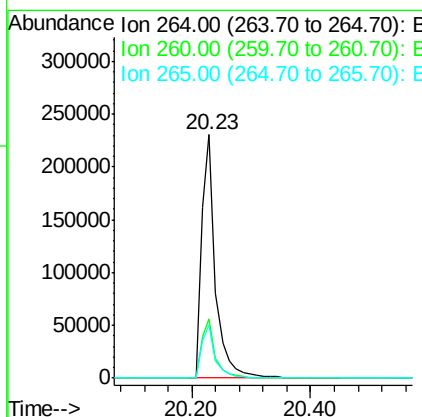
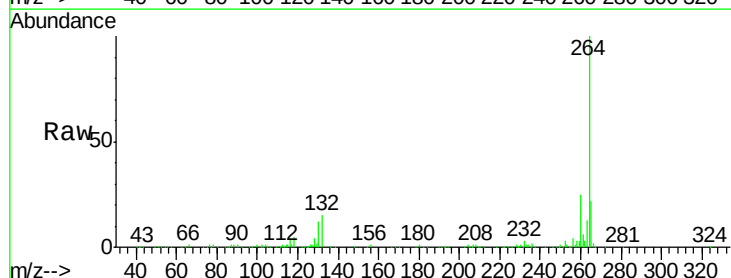
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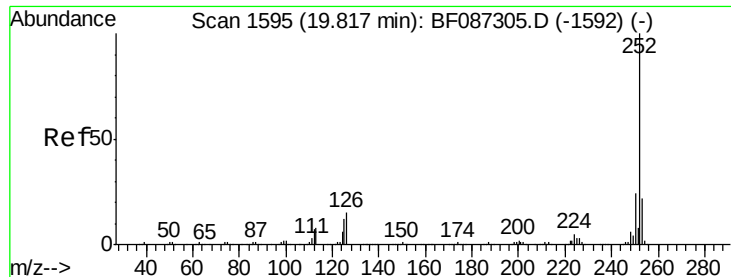
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		377716		
260	24.5	19.5	29.3		
265	21.8	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 34.31 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087321.D

Acq: 24 May 2016 3:22

Instrument :

BNA_F

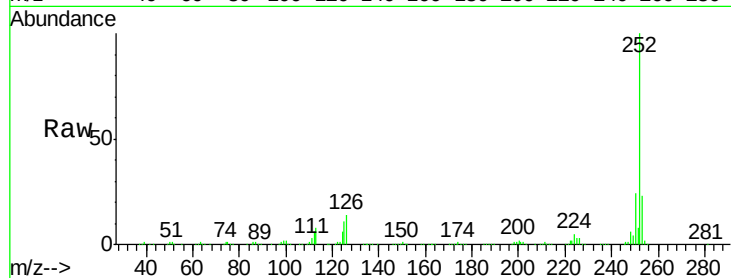
ClientSampleId :

SSTDCCC040

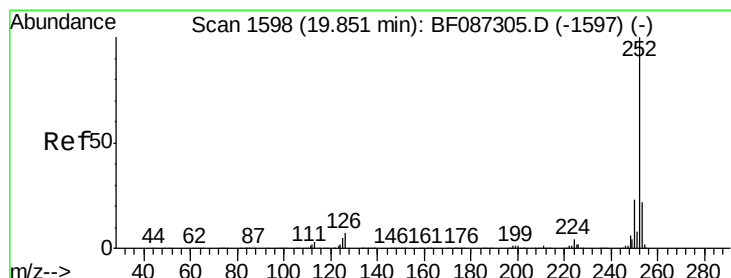
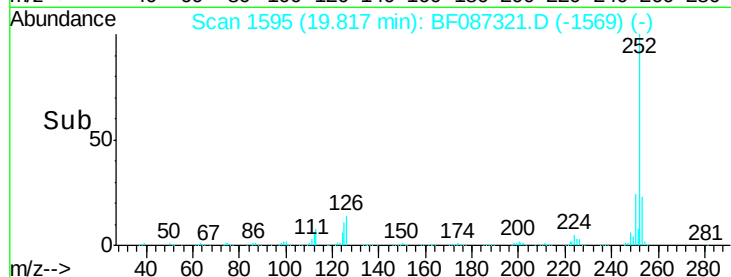
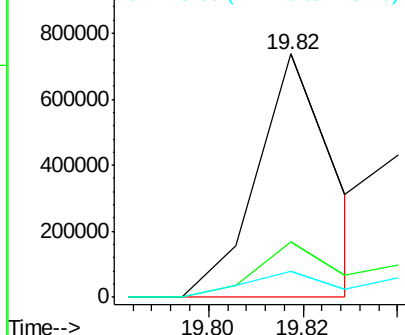
Tgt	Ion:252	Resp:	825433
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.9	11.4	17.0#

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



#88

Benzo(k)fluoranthene

Concen: 45.24 ng m

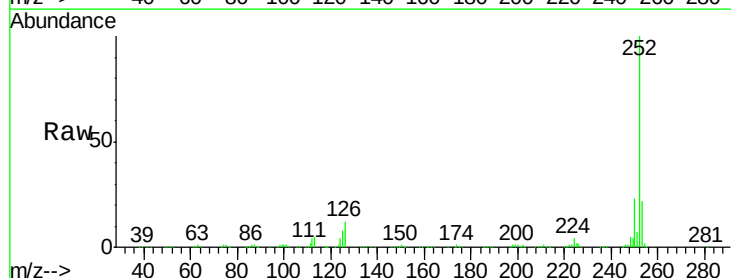
RT: 19.85 min Scan# 1598

Delta R.T. 0.00 min

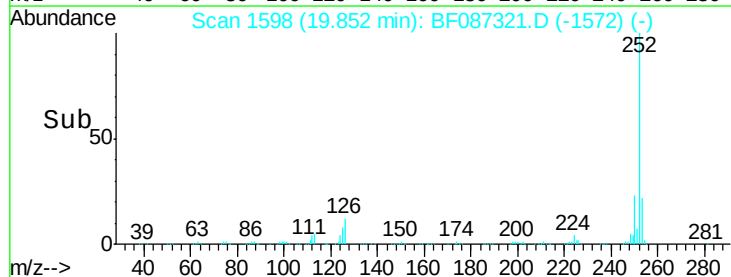
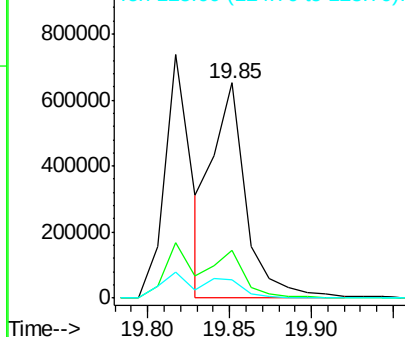
Lab File: BF087321.D

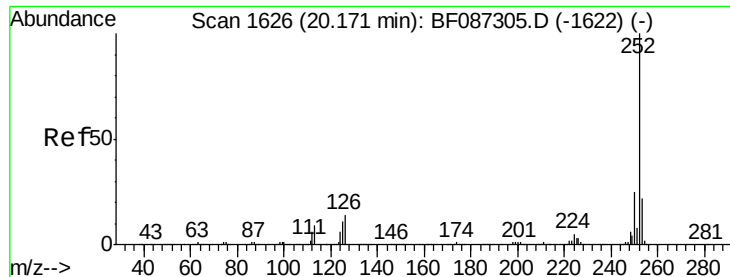
Acq: 24 May 2016 3:22

Tgt	Ion:252	Resp:	936817
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.5	9.1	13.7#



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





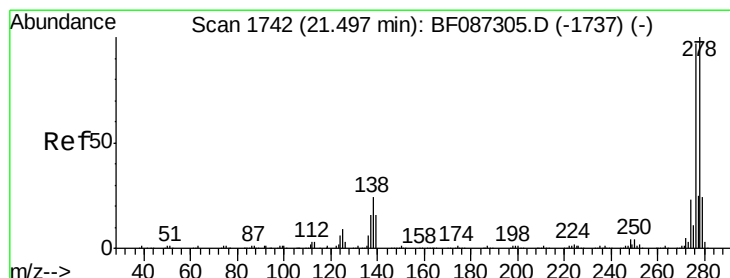
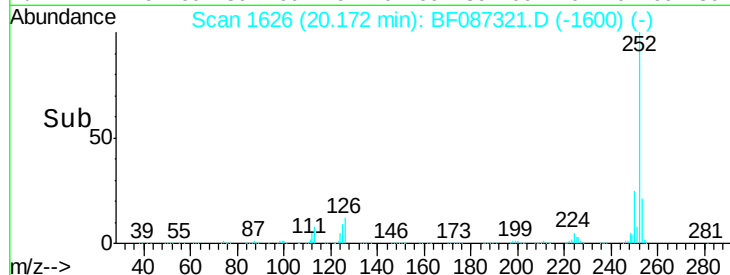
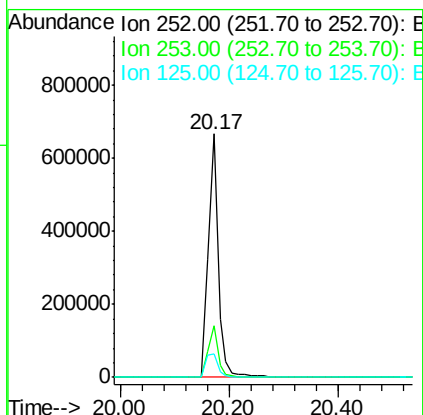
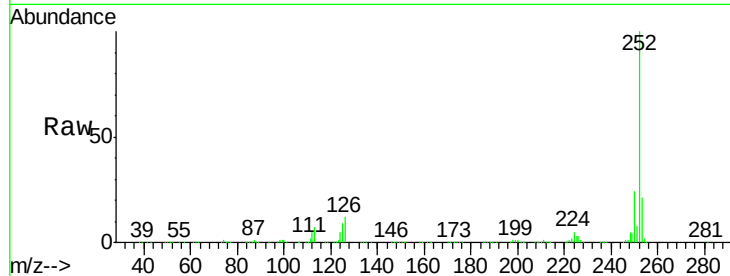
#89
Benzo(a)pyrene
Concen: 40.78 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.4	9.0	13.6

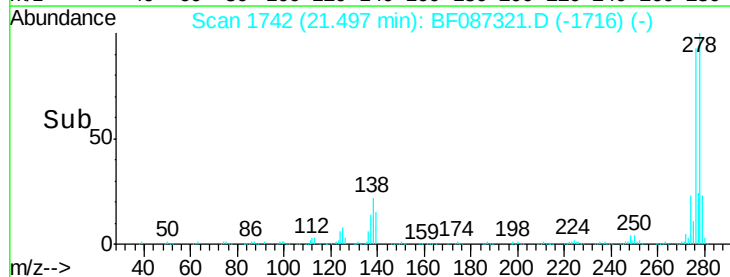
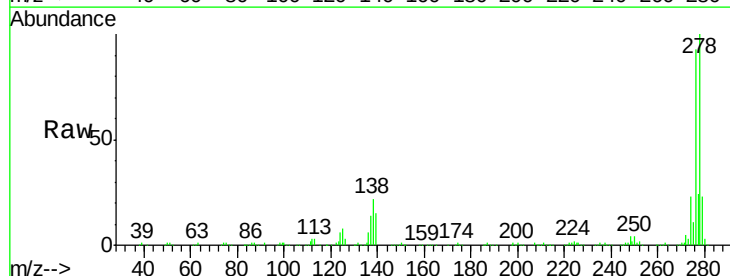
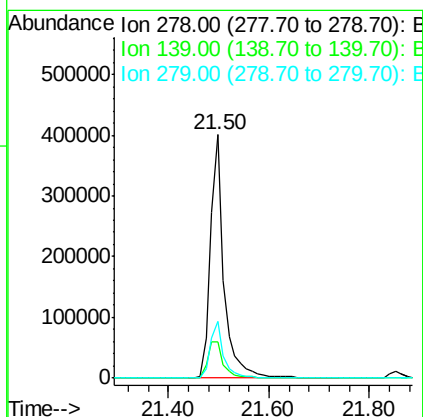
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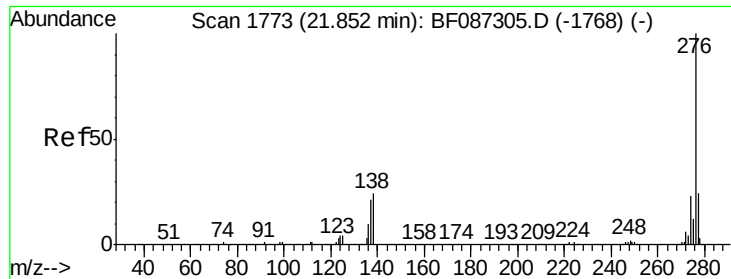
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#90
Dibenzo(a,h)anthracene
Concen: 42.12 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087321.D
Acq: 24 May 2016 3:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	16.6	24.8#
279	23.2	19.6	29.4





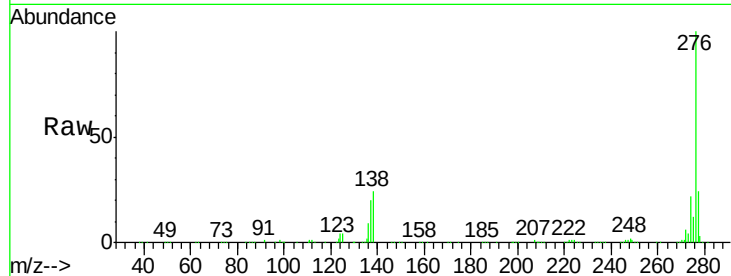
#91
 Benzo(g,h,i)perylene
 Concen: 42.38 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087321.D
 Acq: 24 May 2016 3:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	742065
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.6	29.4
138	23.8	23.6	35.4

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

