

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087343.D
 Acq On : 24 May 2016 15:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

umangi
 5/24/2016 7:39:43 PM

Quant Time: May 24 18:52:55 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	184618	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	754112	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	337031	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	612402	20.00	ng	0.00
75) Chrysene-d12	18.56	240	388421	20.00	ng	0.00
86) Perylene-d12	20.23	264	345673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	892347	84.93	ng	0.00
7) Phenol-d6	7.16	99	1173252	82.64	ng	0.00
23) Nitrobenzene-d5	8.54	82	1237028	82.67	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	257960	79.65	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1849716	77.37	ng	0.00
78) Terphenyl-d14	17.22	244	1637259	89.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	193971	34.99	ng	# 71
3) Pyridine	2.55	79	437351	36.09	ng	# 67
4) n-Nitrosodimethylamine	2.52	42	365266	39.11	ng	# 47
6) Aniline	7.12	93	759397	41.35	ng	94
8) 2-Chlorophenol	7.30	128	528357	40.32	ng	96
9) Benzaldehyde	6.92	77	291426	37.18	ng	95
10) Phenol	7.19	94	659534	42.54	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	494431	39.40	ng	85
12) 1,3-Dichlorobenzene	7.52	146	564826	39.52	ng	# 96
13) 1,4-Dichlorobenzene	7.64	146	581185	39.61	ng	96
14) 1,2-Dichlorobenzene	7.87	146	529302	39.00	ng	96
15) Benzyl Alcohol	7.91	79	438676	42.38	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1115708	39.52	ng	86
17) 2-Methylphenol	8.12	107	426448	40.61	ng	# 90
18) Hexachloroethane	8.39	117	217692	39.77	ng	99
19) n-Nitroso-di-n-propylamine	8.34	70	413110	39.02	ng	# 70
20) 3+4-Methylphenols	8.38	107	538442	42.42	ng	# 59
22) Acetophenone	8.31	105	730745	40.56	ng	# 98
24) Nitrobenzene	8.57	77	649834	41.14	ng	96
25) Isophorone	8.96	82	1088638	40.57	ng	99
26) 2-Nitrophenol	9.07	139	277327	42.95	ng	# 92
27) 2,4-Dimethylphenol	9.21	122	465658	41.55	ng	88
28) bis(2-Chloroethoxy)methane	9.34	93	601910	39.82	ng	98
29) 2,4-Dichlorophenol	9.47	162	425501	42.13	ng	94
30) 1,2,4-Trichlorobenzene	9.58	180	458760	39.67	ng	99
31) Naphthalene	9.68	128	1451236	38.40	ng	99
32) Benzoic acid	9.55	122	218000	39.01	ng	88
33) 4-Chloroaniline	9.82	127	551056	39.59	ng	# 89
34) Hexachlorobutadiene	9.90	225	279187	39.72	ng	99
35) Caprolactam	10.49	113	125076m	42.43	ng	
36) 4-Chloro-3-methylphenol	10.68	107	480906	42.11	ng	92
37) 2-Methylnaphthalene	10.81	142	936319	39.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	431099	39.96	ng	99
40) Hexachlorocyclopentadiene	11.05	237	107851	30.88	ng	95

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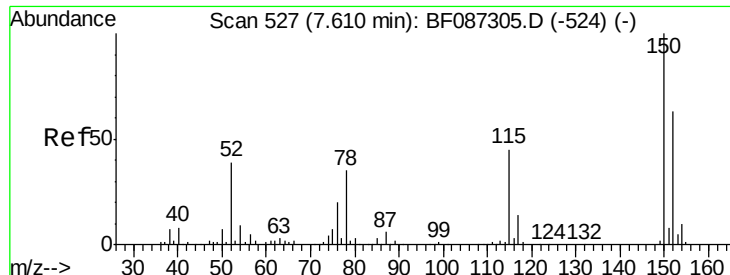
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	267303	42.93	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	267494	42.18	ng #	90
45) 1,1'-Biphenyl	11.58	154	1100479	38.78	ng	96
46) 2-Chloronaphthalene	11.60	162	872092	40.17	ng	97
47) 2-Nitroaniline	11.81	65	332147	42.47	ng #	75
48) Acenaphthylene	12.25	152	1352034	39.34	ng	99
49) Dimethylphthalate	12.14	163	1097240	40.64	ng	100
50) 2,6-Dinitrotoluene	12.23	165	225078	41.37	ng #	88
51) Acenaphthene	12.54	154	804586	38.09	ng	98
52) 3-Nitroaniline	12.49	138	223974	40.11	ng #	81
53) 2,4-Dinitrophenol	12.70	184	57240	25.42	ng #	80
54) Dibenzofuran	12.82	168	1126207	39.38	ng	96
55) 4-Nitrophenol	12.87	139	112291	42.16	ng #	50
56) 2,4-Dinitrotoluene	12.88	165	298802	41.10	ng #	87
57) Fluorene	13.37	166	959075	38.67	ng	98
58) 2,3,4,6-Tetrachlorophenol	13.05	232	202151	41.44	ng	97
59) Diethylphthalate	13.28	149	1027373	39.14	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	483452	39.97	ng #	85
61) 4-Nitroaniline	13.50	138	226442	43.45	ng #	65
62) Azobenzene	13.66	77	1102531	40.49	ng	87
64) 4,6-Dinitro-2-methylphenol	13.55	198	115640	29.70	ng #	79
65) n-Nitrosodiphenylamine	13.61	169	803232	40.56	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	267336	39.90	ng	95
67) Hexachlorobenzene	14.26	284	278218	39.71	ng #	85
68) Atrazine	14.54	200	263507	41.74	ng	94
69) Pentachlorophenol	14.62	266	76025	38.39	ng	98
70) Phenanthrene	14.93	178	1332718	39.29	ng	99
71) Anthracene	15.01	178	1331818	38.86	ng	100
72) Carbazole	15.29	167	1146521	39.23	ng	99
73) Di-n-butylphthalate	15.86	149	1574532	41.66	ng	99
74) Fluoranthene	16.66	202	1200824	35.30	ng	97
76) Benzidine	16.89	184	361793	36.20	ng	99
77) Pyrene	16.97	202	1183018	42.31	ng	100
79) Butylbenzylphthalate	17.87	149	563616	45.46	ng #	71
80) Benzo(a)anthracene	18.55	228	859623	38.91	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	510964	41.86	ng #	96
82) Chrysene	18.59	228	854089	38.95	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	795592	43.97	ng	96
84) Di-n-octyl phthalate	19.38	149	1172758	42.50	ng #	85
85) Indeno(1,2,3-cd)pyrene	21.50	276	853782	48.57	ng	94
87) Benzo(b)fluoranthene	19.82	252	938157m	42.61	ng	
88) Benzo(k)fluoranthene	19.85	252	618521m	32.64	ng	
89) Benzo(a)pyrene	20.17	252	755623	39.68	ng	99
90) Dibenzo(a,h)anthracene	21.50	278	711250	43.79	ng	97
91) Benzo(g,h,i)perylene	21.86	276	701965	43.80	ng #	89

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



#1

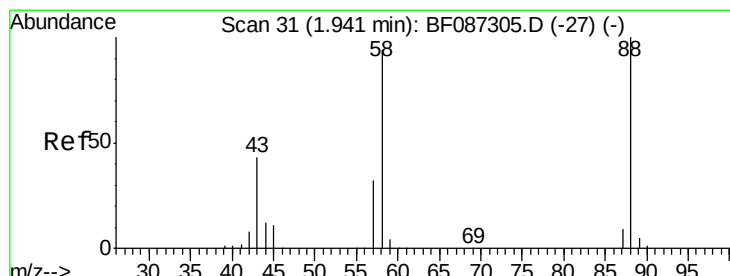
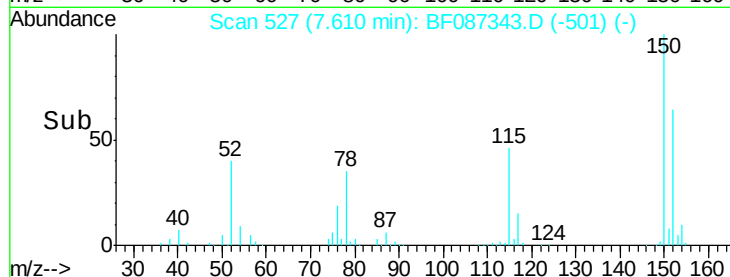
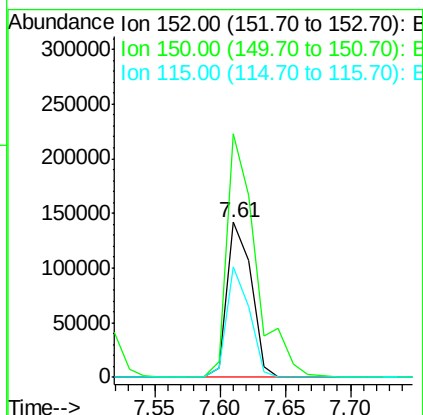
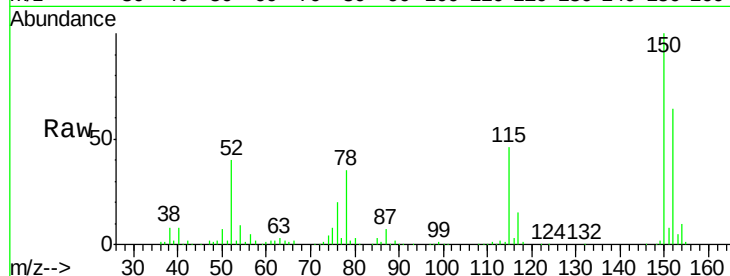
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	184618		
150	156.9	125.8	188.6	
115	71.4	51.5	77.3	

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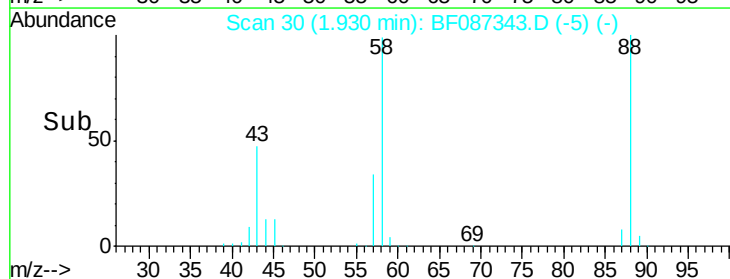
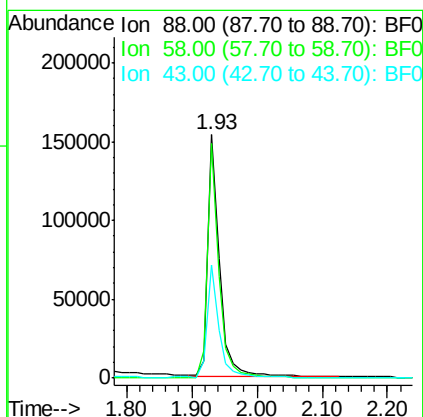
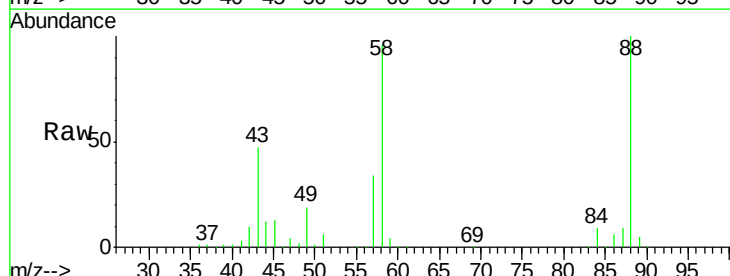
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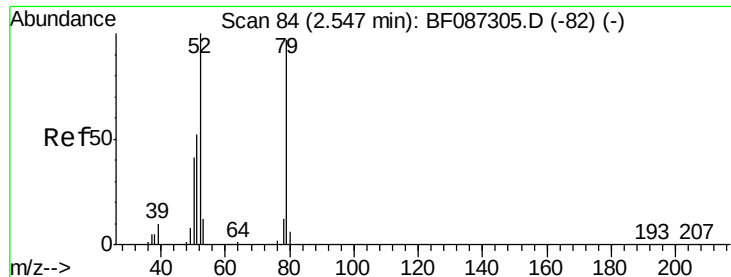


#2

1,4-Dioxane
Concen: 34.99 ng
RT: 1.93 min Scan# 30
Delta R.T. -0.01 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	193971		
58	96.3	59.6	89.4#	
43	47.3	21.8	32.6#	





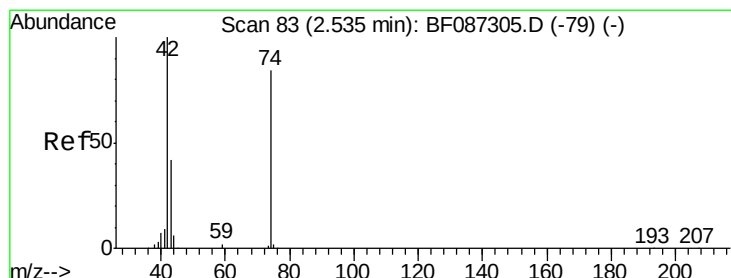
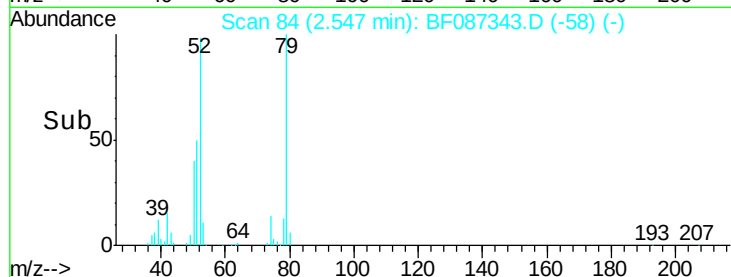
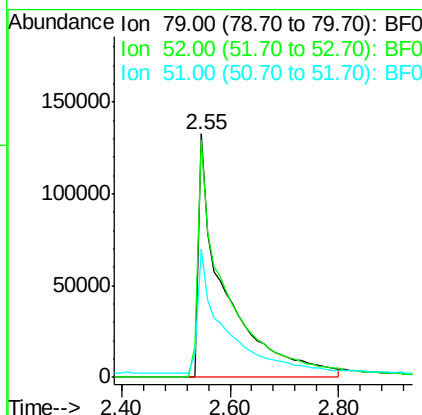
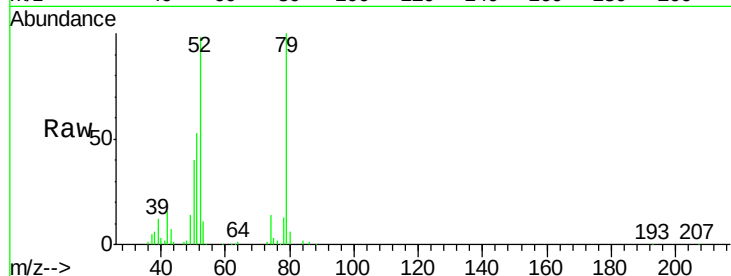
#3
 Pyridine
 Concen: 36.09 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.7	55.9	83.9#
51	52.8	28.1	42.1#

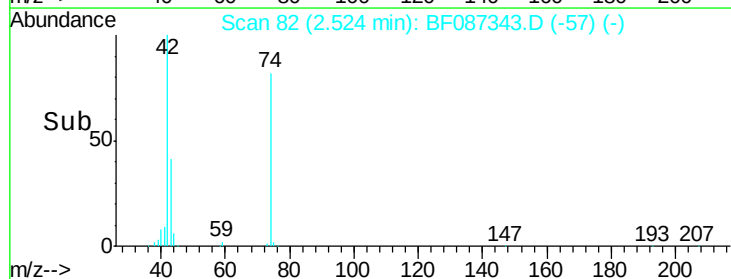
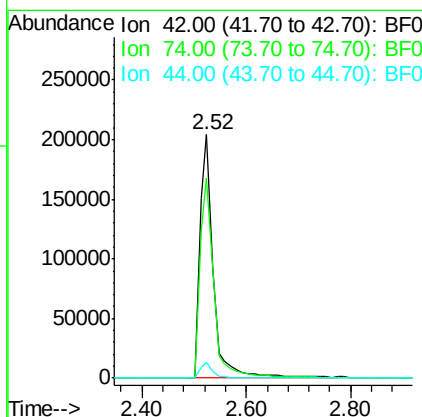
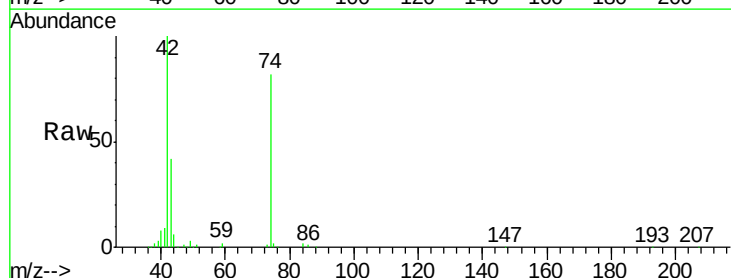
Manual Integrations
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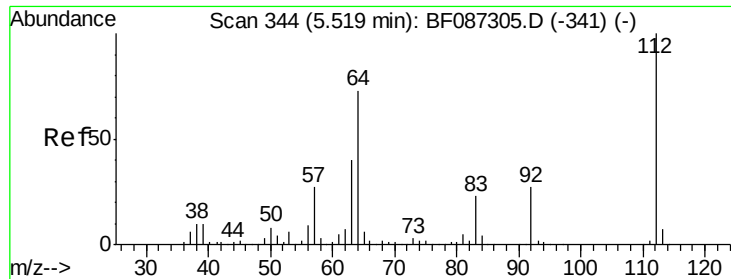
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#4
 n-Nitrosodimethylamine
 Concen: 39.11 ng
 RT: 2.52 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	82.4	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 84.93 ng

RT: 5.52 min Scan# 344

Delta R.T. 0.00 min

Lab File: BF087343.D

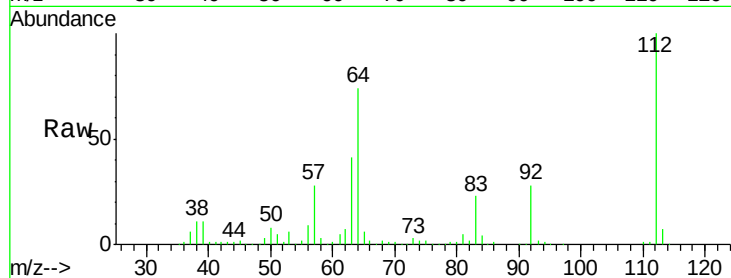
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 112 Resp: 892347

Ion Ratio Lower Upper

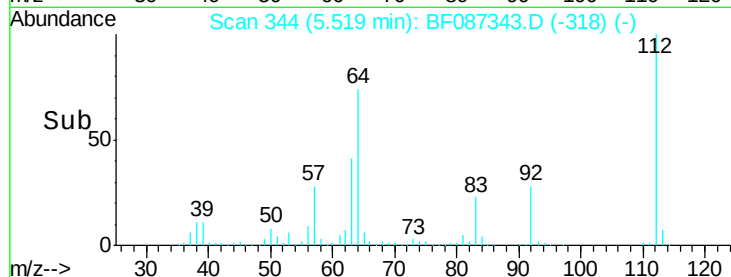
112 100

64 74.1 52.1 78.1

63 41.1 25.7 38.5#

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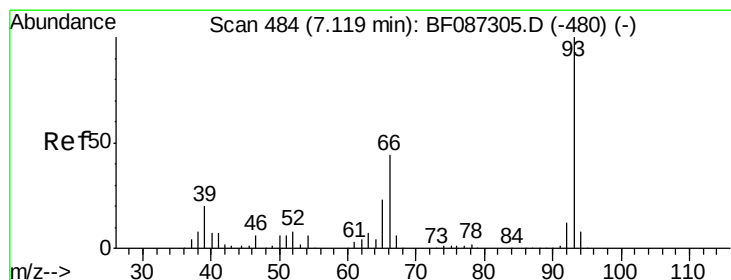
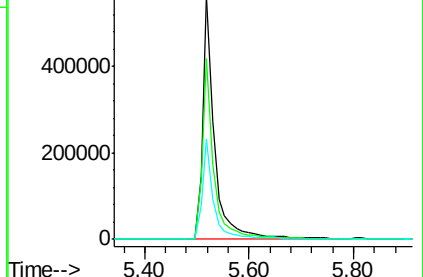
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.35 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

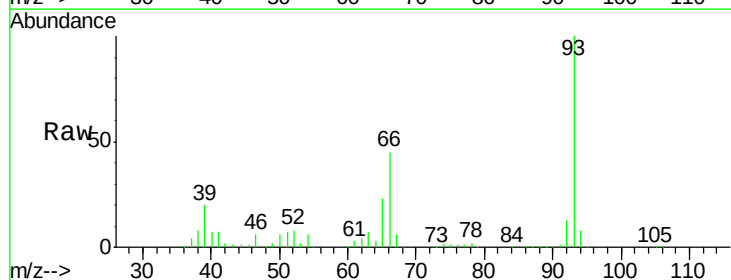
Tgt Ion: 93 Resp: 759397

Ion Ratio Lower Upper

93 100

66 44.7 39.0 58.6

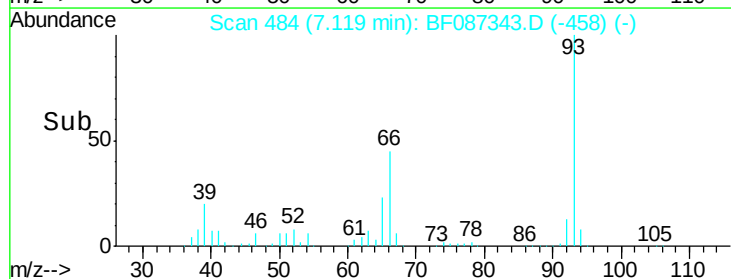
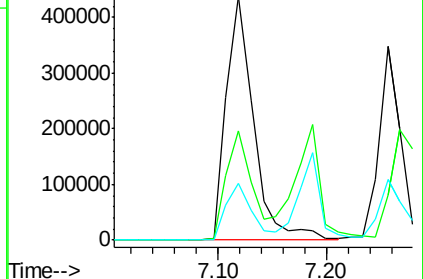
65 23.2 20.6 31.0

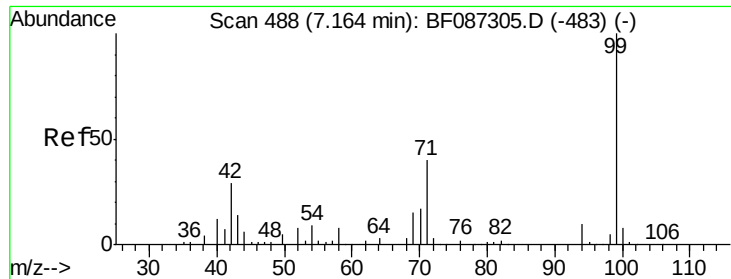


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.64 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1173252

Ion Ratio Lower Upper

99 100

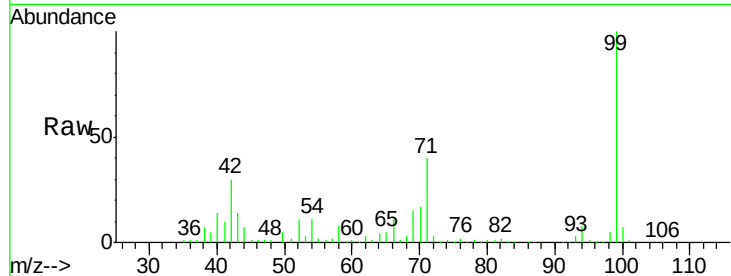
42 30.0 13.6 20.4#

71 40.5 24.6 36.8#

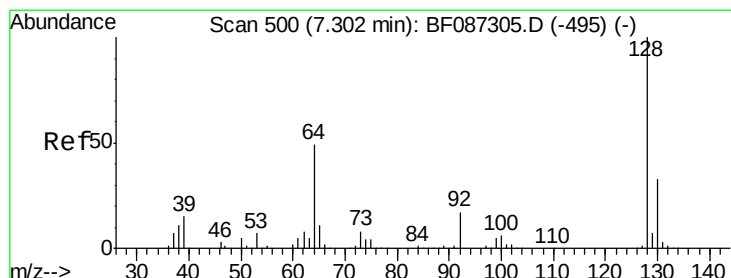
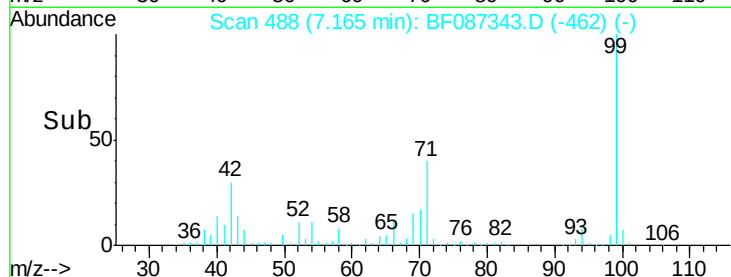
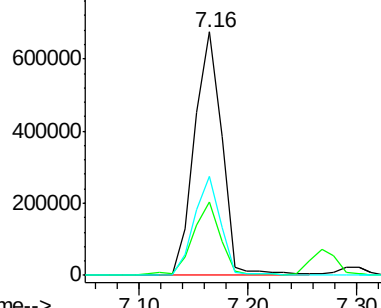
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.32 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

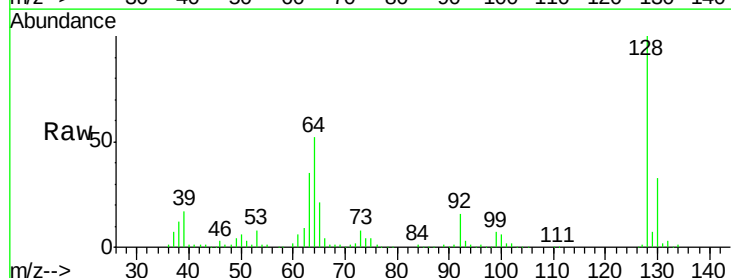
Tgt Ion: 128 Resp: 528357

Ion Ratio Lower Upper

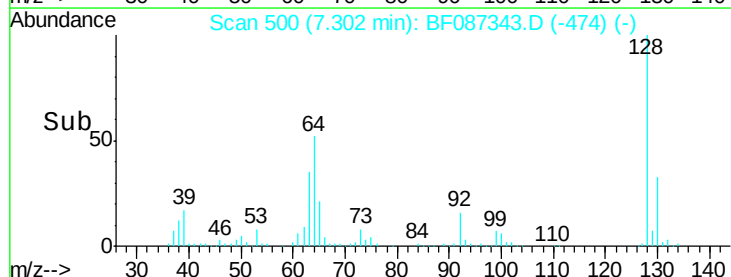
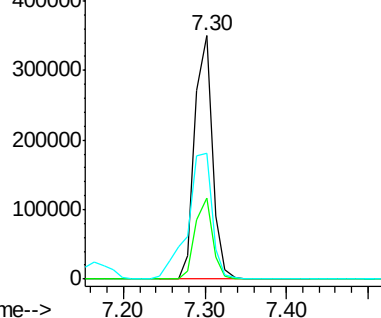
128 100

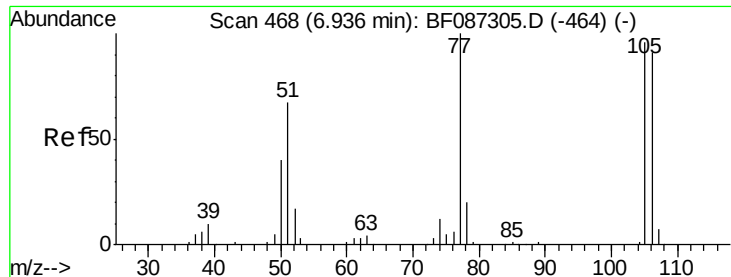
130 33.2 12.5 52.5

64 51.8 27.3 67.3



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





#9

Benzaldehyde

Concen: 37.18 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF087343.D

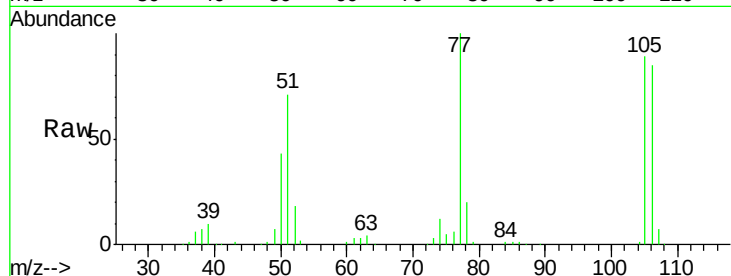
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

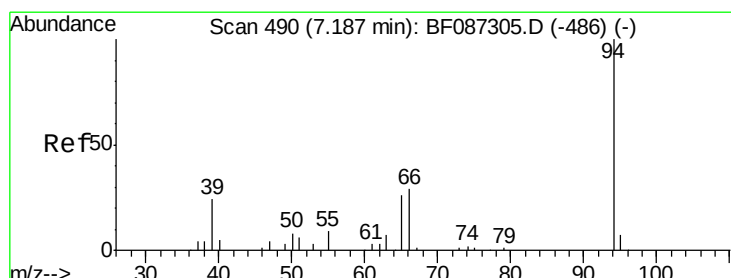
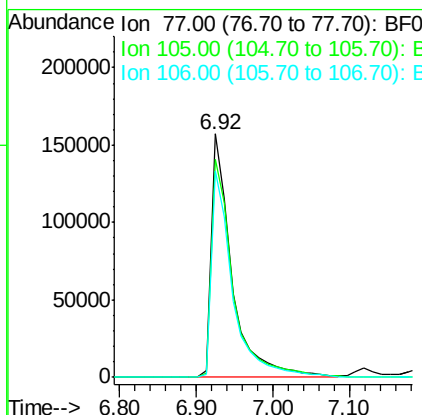
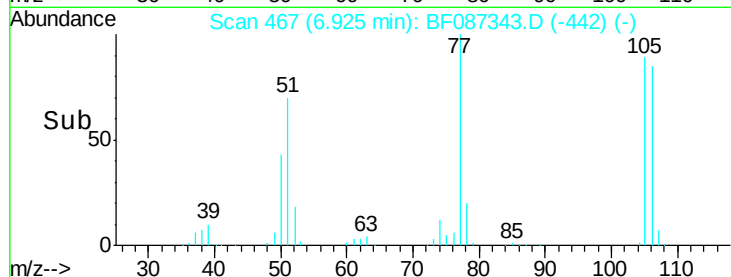
SSTDCCC040EC



Tgt Ion:	77	Resp:	291426
Ion	Ratio	Lower	Upper
77	100		
105	89.4	72.7	112.7
106	84.9	70.8	110.8

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#10

Phenol

Concen: 42.54 ng

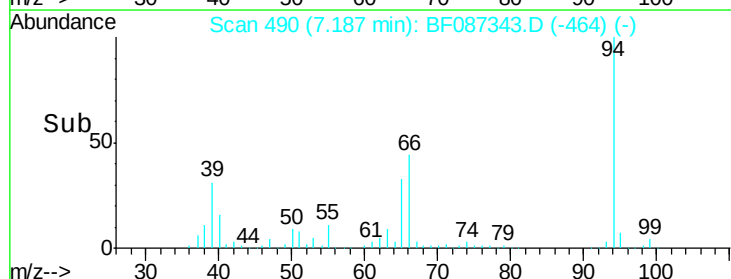
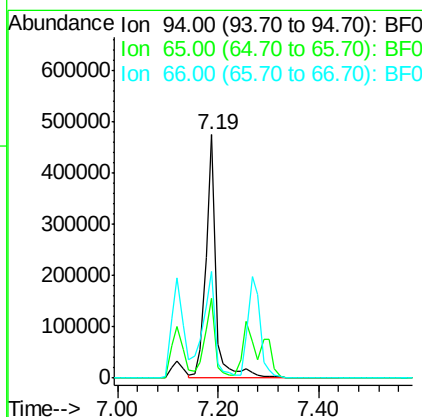
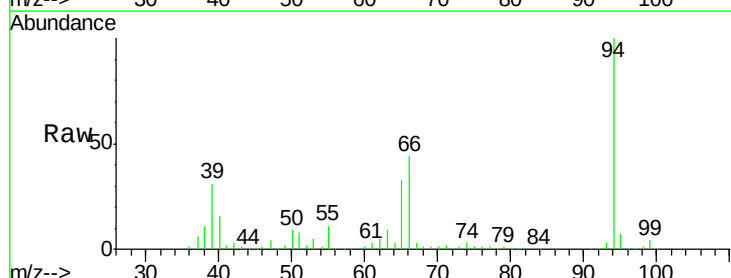
RT: 7.19 min Scan# 490

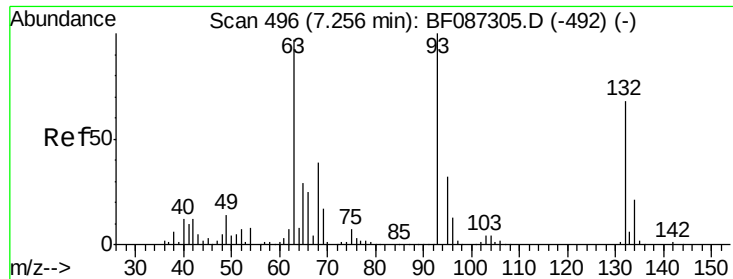
Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion:	94	Resp:	659534
Ion	Ratio	Lower	Upper
94	100		
65	33.0	7.2	47.2
66	44.0	14.9	54.9





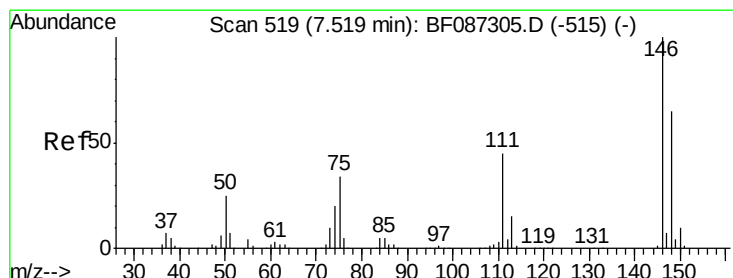
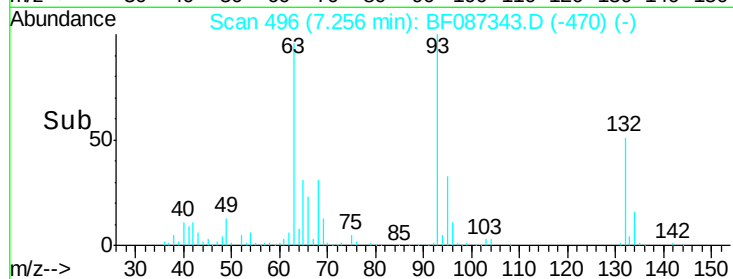
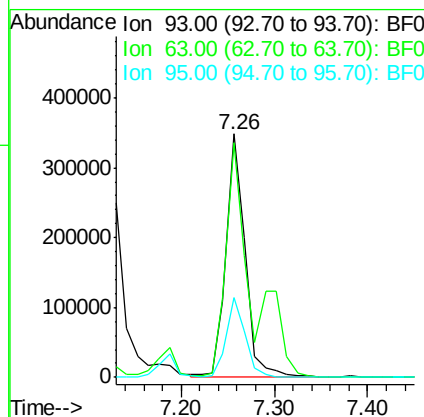
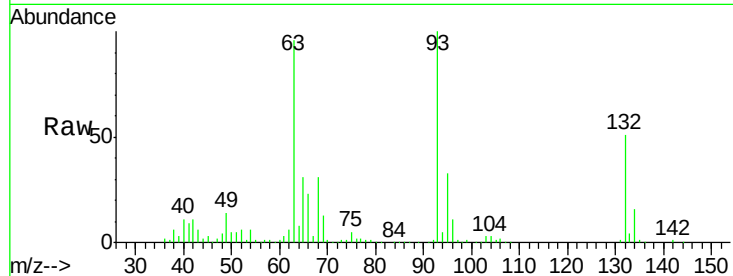
#11
bis(2-Chloroethyl)ether
Concen: 39.40 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	93	Resp:	494431
Ion Ratio	Lower	Upper	
93	100		
63	96.3	58.0	98.0
95	32.6	11.9	51.9

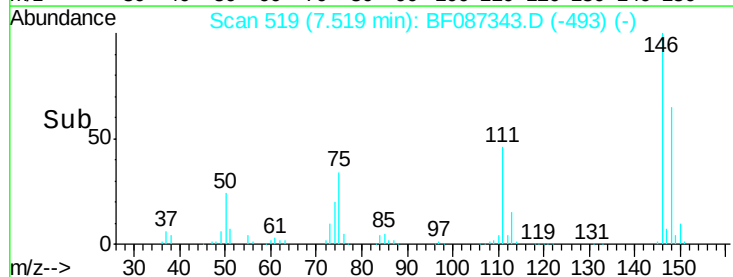
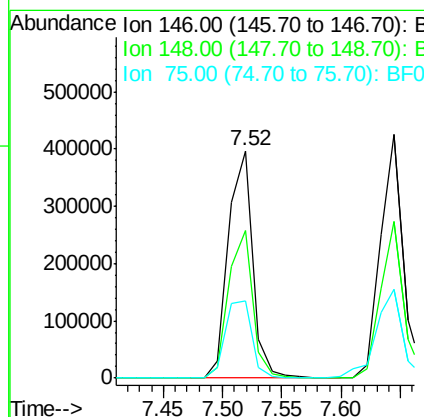
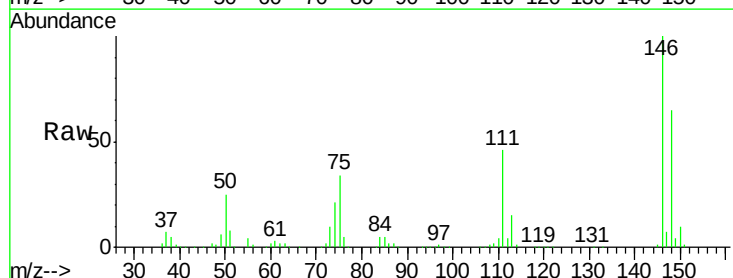
Manual Integrations
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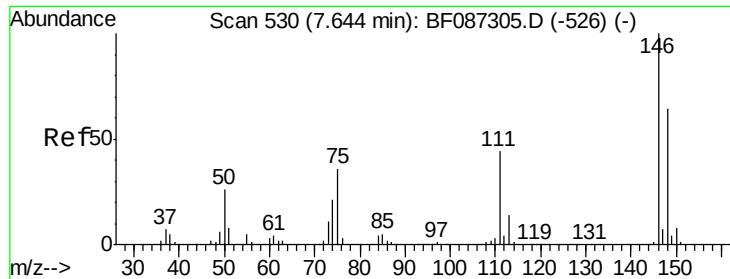
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#12
1,3-Dichlorobenzene
Concen: 39.52 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion:	146	Resp:	564826
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.4	78.6
75	34.3	22.8	34.2





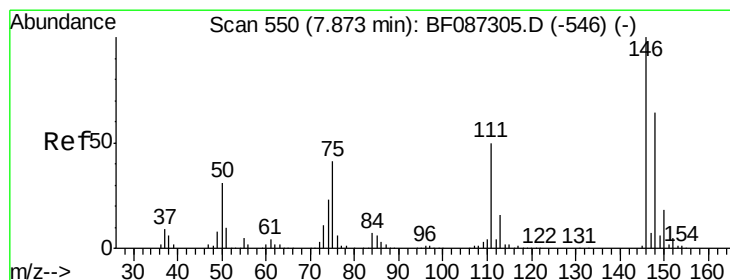
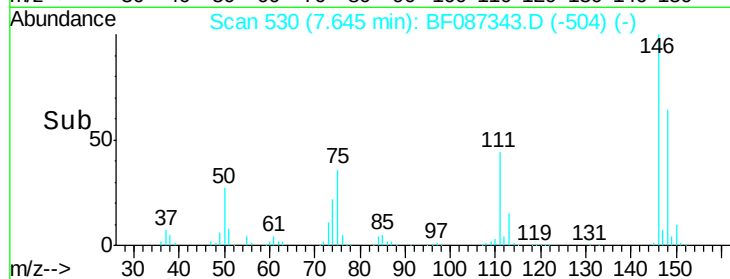
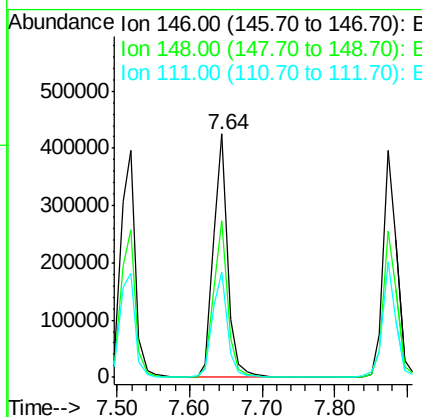
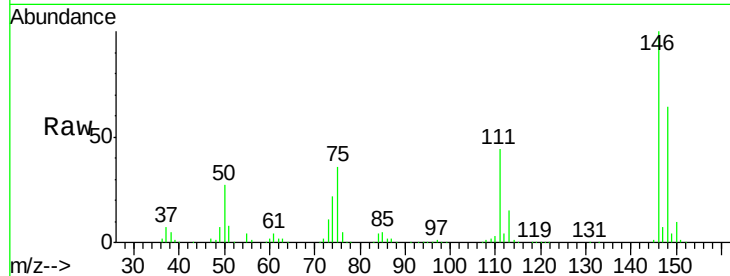
#13
 1,4-Dichlorobenzene
 Concen: 39.61 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	581185		
148	64.3	52.2	78.4	
111	43.5	30.7	46.1	

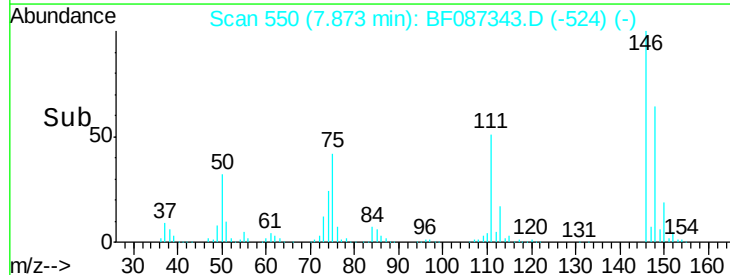
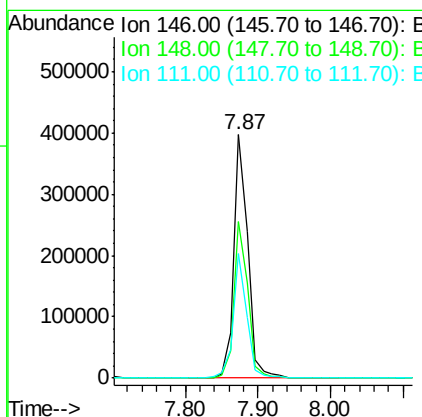
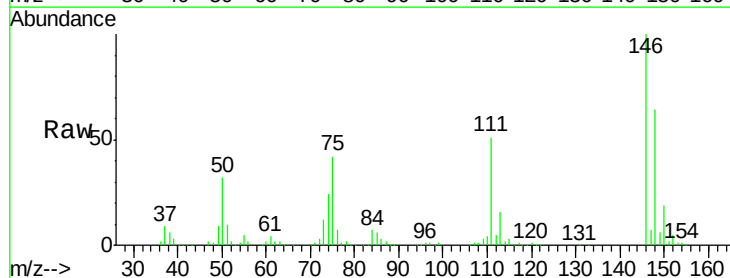
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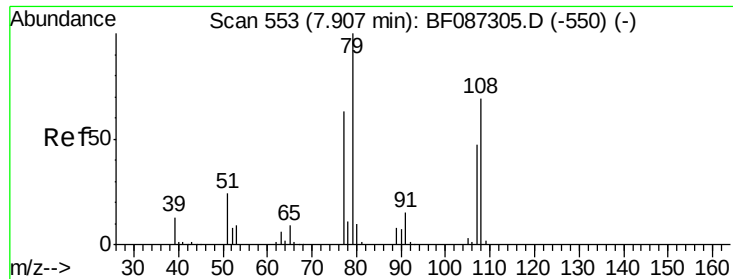
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#14
 1,2-Dichlorobenzene
 Concen: 39.00 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	529302		
148	64.1	51.0	76.6	
111	50.9	36.2	54.4	





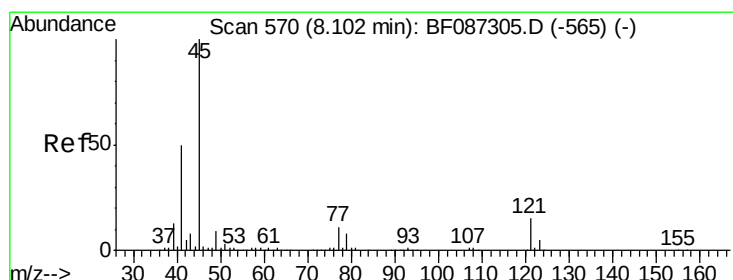
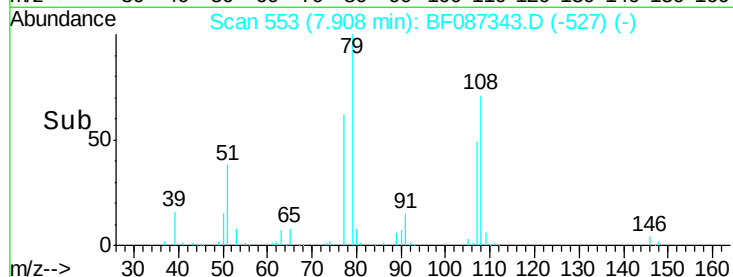
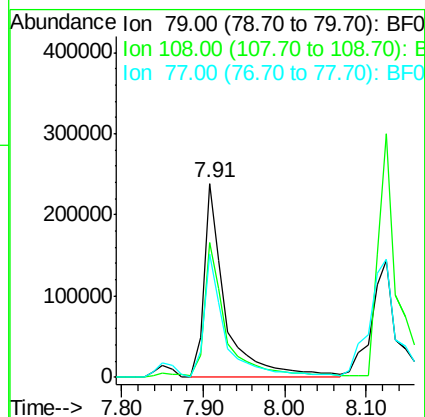
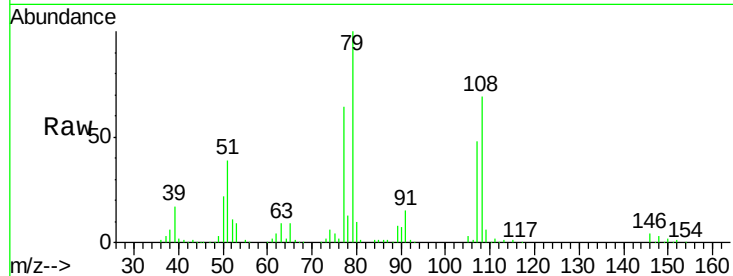
#15
Benzyl Alcohol
Concen: 42.38 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.4	68.4	102.6
77	63.8	50.6	76.0

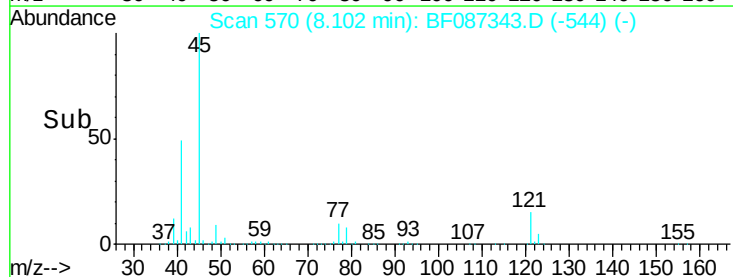
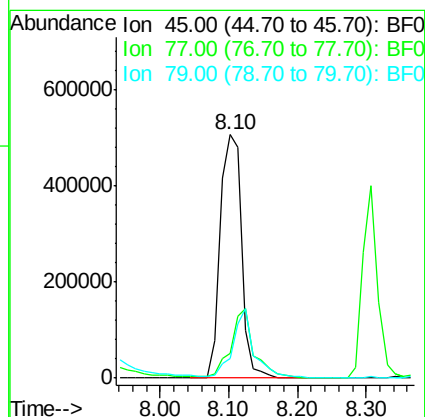
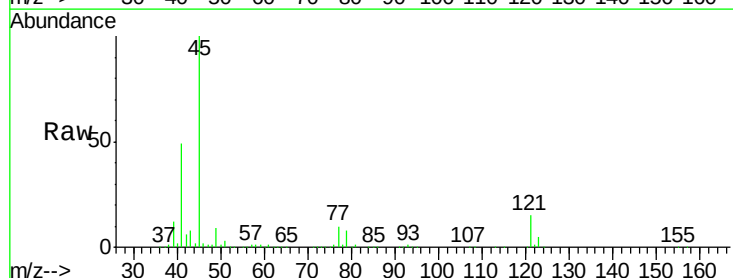
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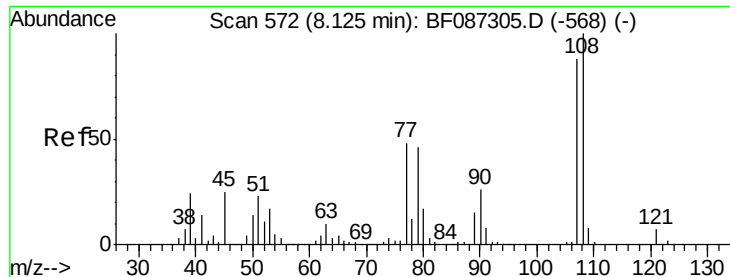
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.52 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	36.4
79	7.8	0.0	33.4





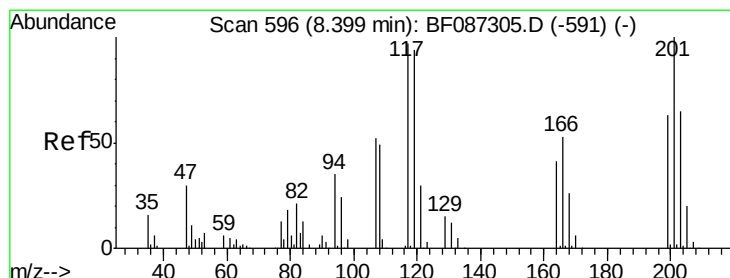
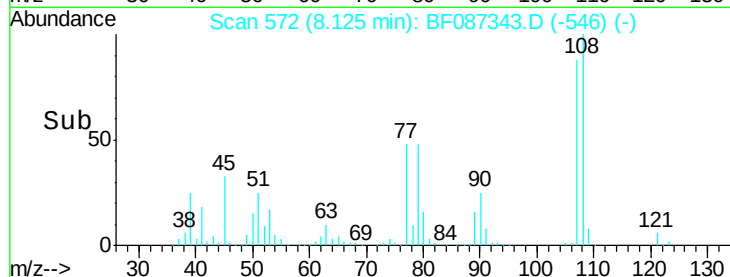
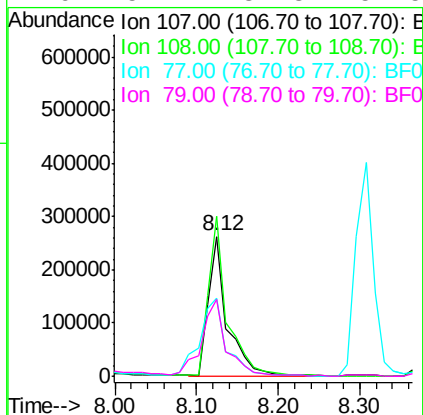
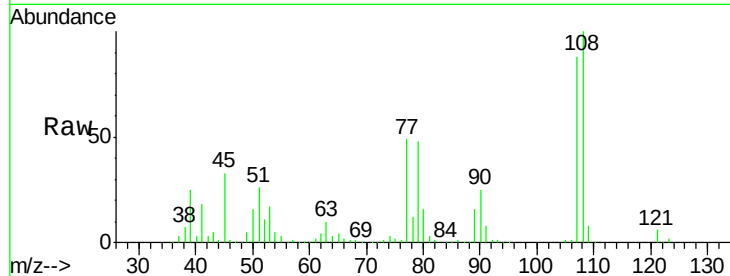
#17
2-Methylphenol
Concen: 40.61 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.7	140.5	
77	55.4	33.4	50.0	
79	54.7	34.3	51.5	

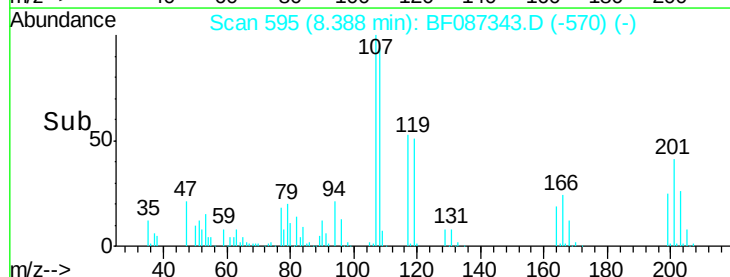
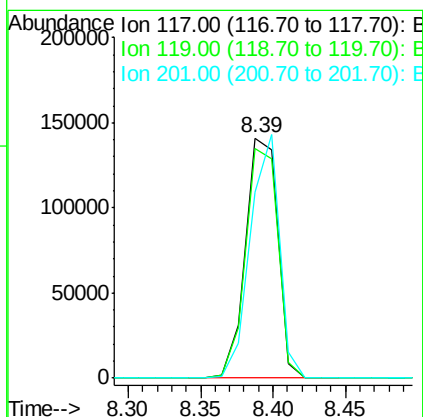
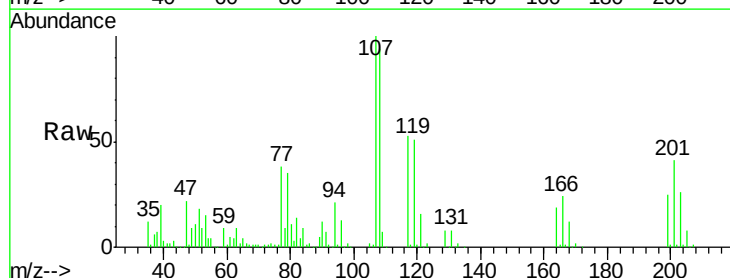
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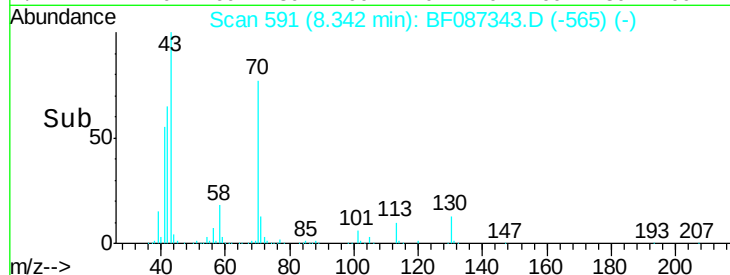
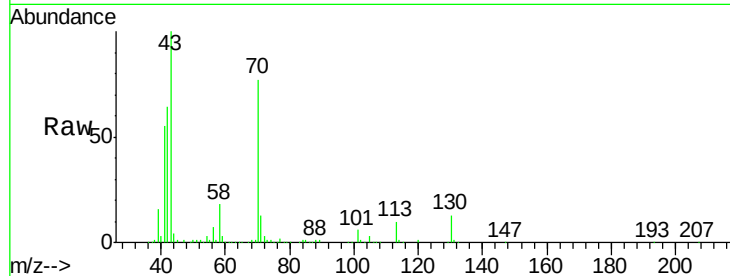
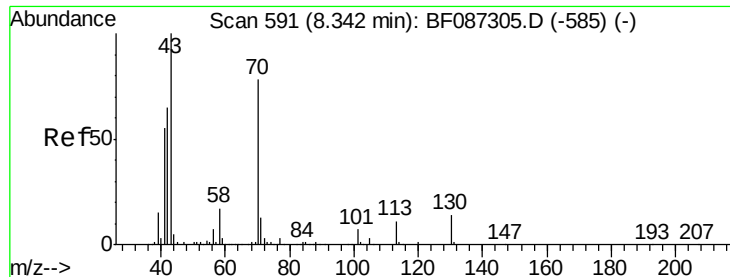
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#18
Hexachloroethane
Concen: 39.77 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.5	114.7	
201	77.4	63.0	94.6	





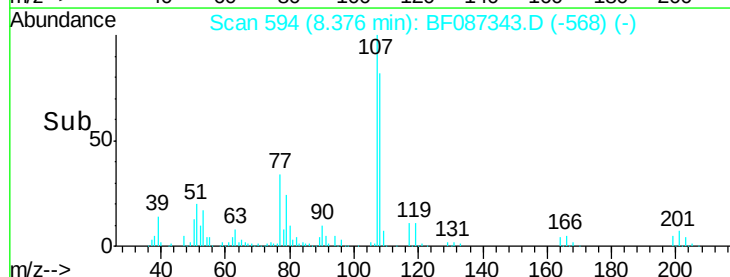
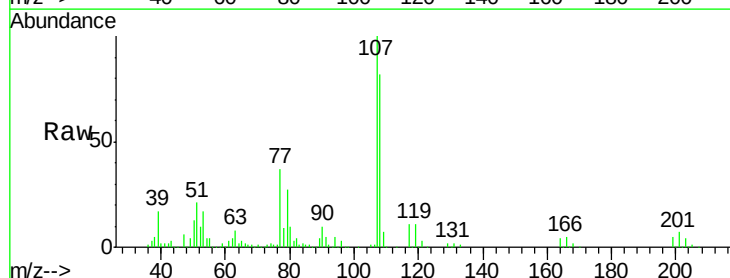
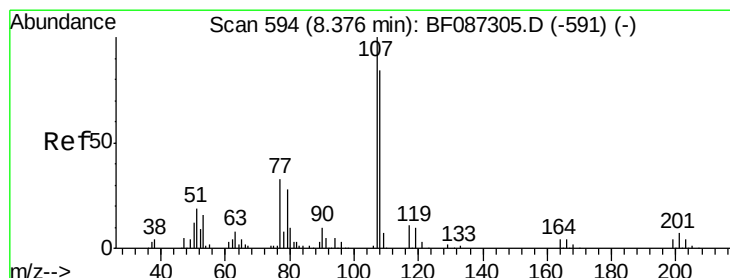
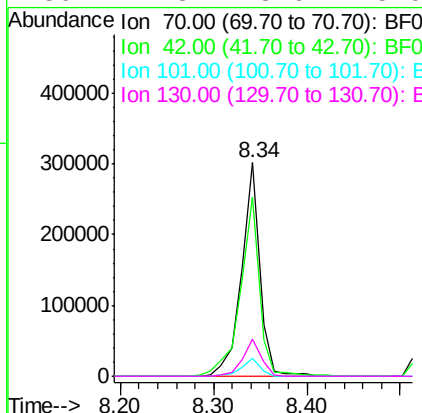
#19
n-Nitroso-di-n-propylamine
Concen: 39.02 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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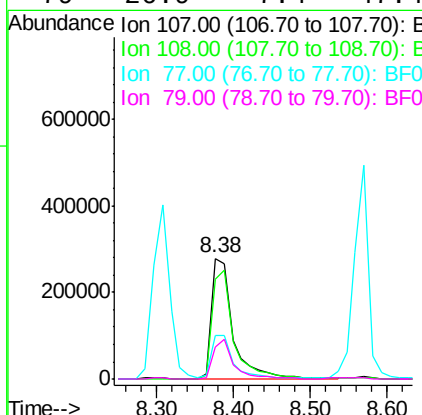
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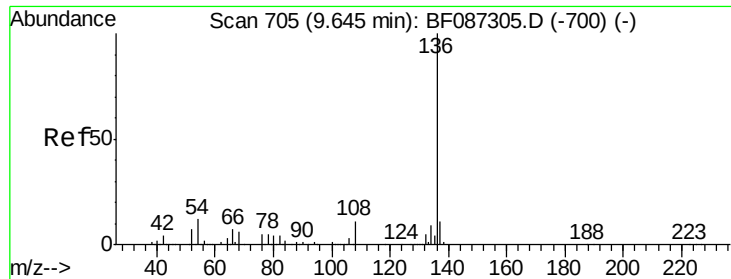
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	83.9	43.1	64.7#	
101	8.4	8.1	12.1	
130	17.3	18.6	28.0#	



#20
3+4-Methylphenols
Concen: 42.42 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	82.5	68.5	108.5	
77	36.5	101.6	141.6#	
79	26.9	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: BF087343.D

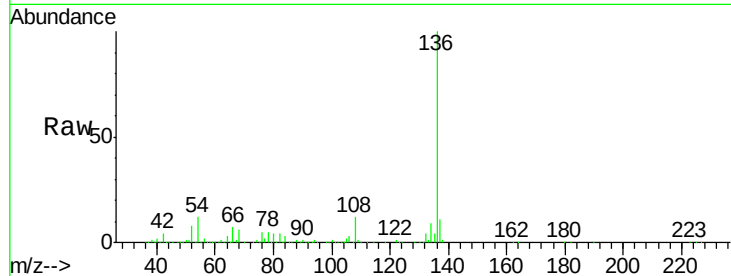
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

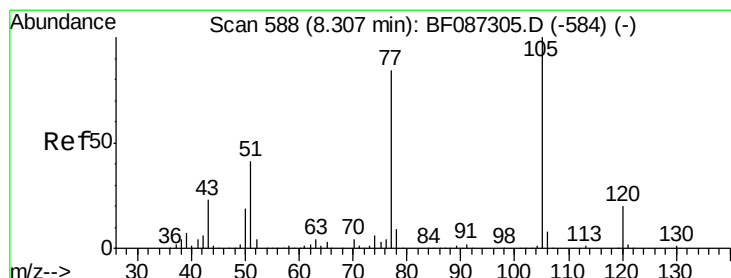
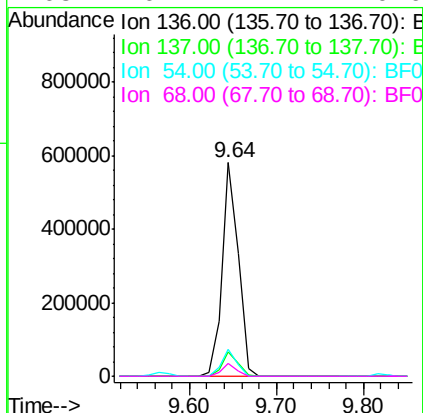
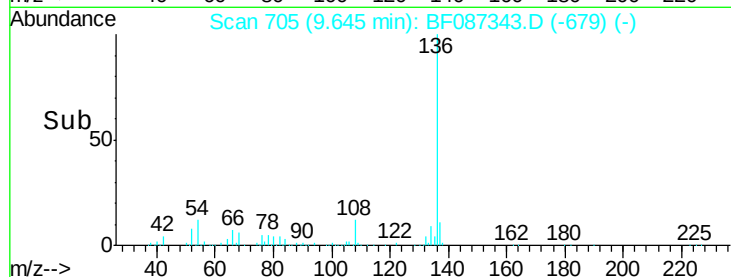
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	754112		
137	11.4	8.8	13.2	
54	12.4	5.0	7.4	
68	6.1	4.4	6.6	

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#22

Acetophenone

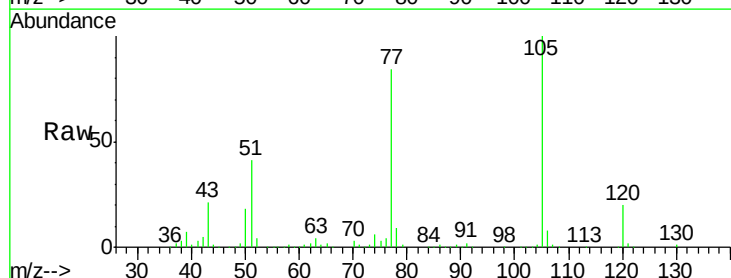
Concen: 40.56 ng

RT: 8.31 min Scan# 588

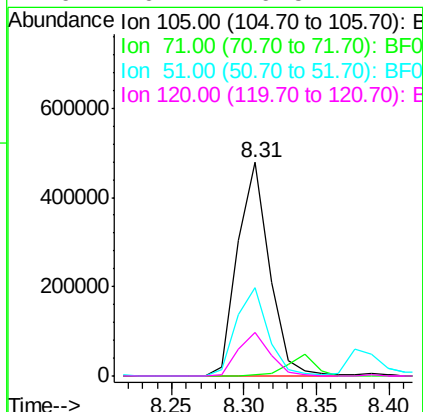
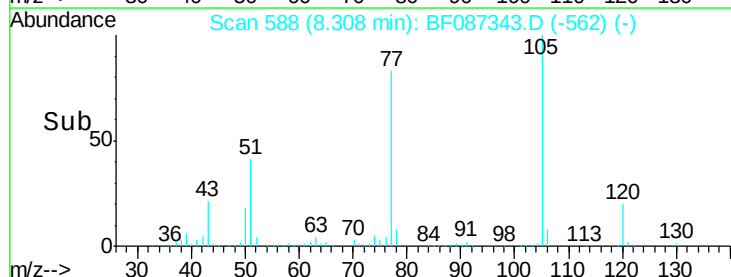
Delta R.T. 0.00 min

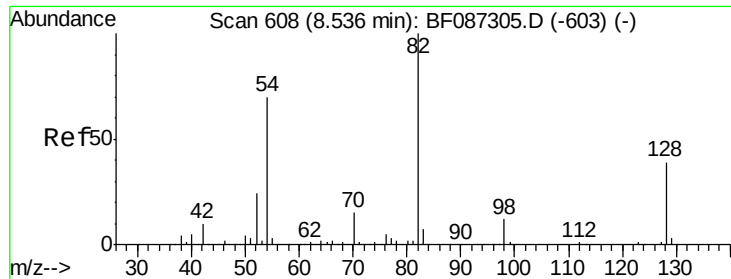
Lab File: BF087343.D

Acq: 24 May 2016 15:41



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	730745		
71	0.6	4.8	7.2	
51	41.5	32.6	49.0	
120	20.2	16.5	24.7	





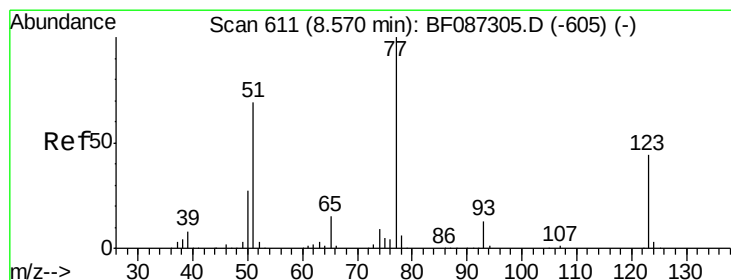
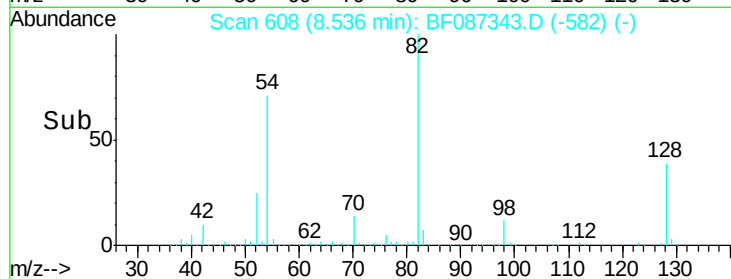
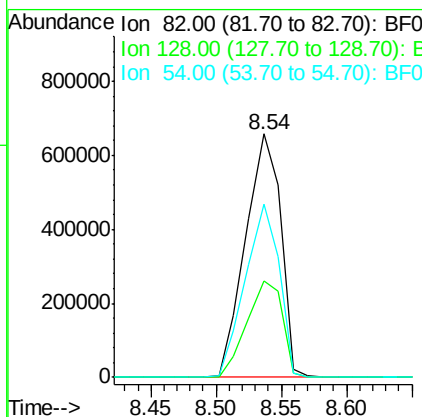
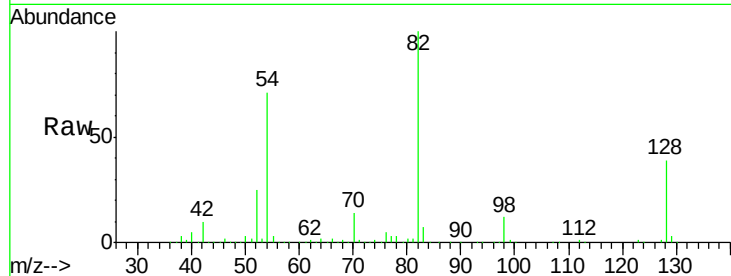
#23
 Nitrobenzene-d5
 Concen: 82.67 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	71.1	38.1	57.1#

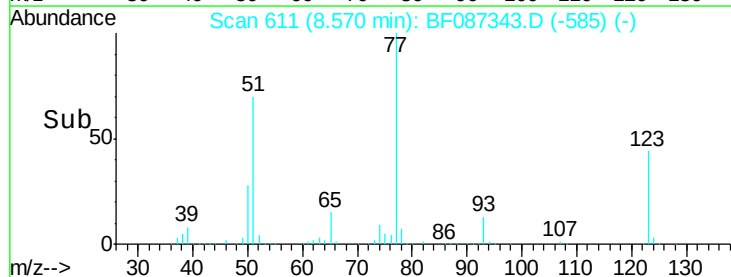
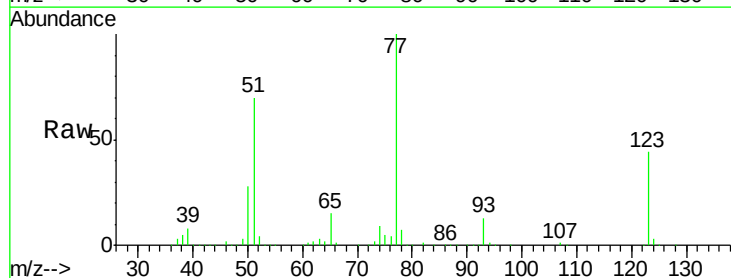
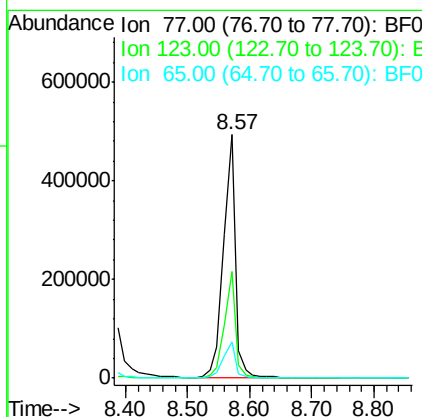
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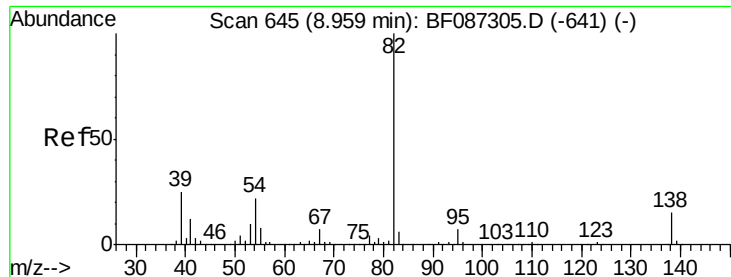
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#24
 Nitrobenzene
 Concen: 41.14 ng
 RT: 8.57 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.0	49.4
65	15.0	10.8	16.2





#25

Isophorone

Concen: 40.57 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1088638

Ion Ratio Lower Upper

82 100

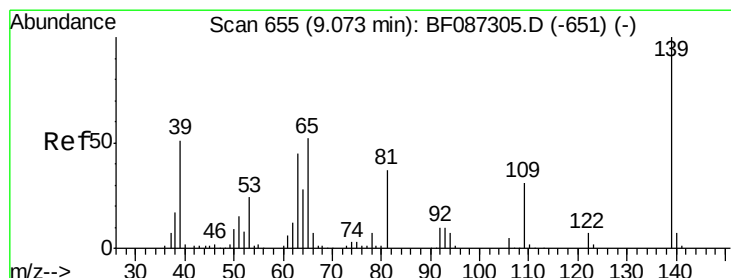
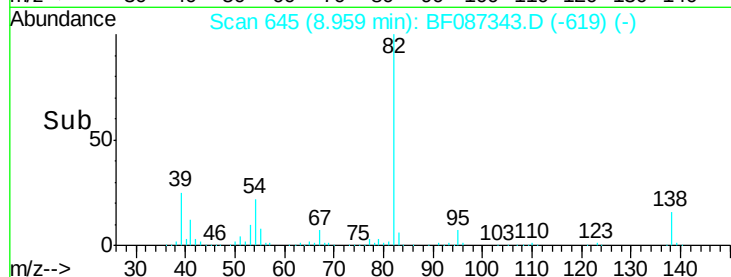
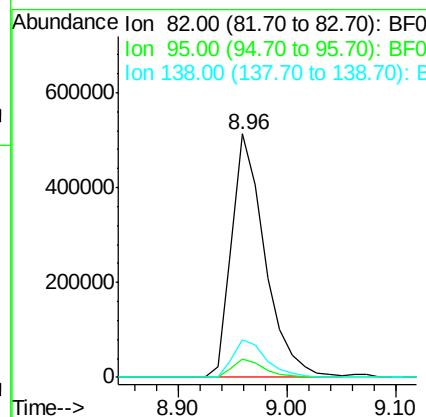
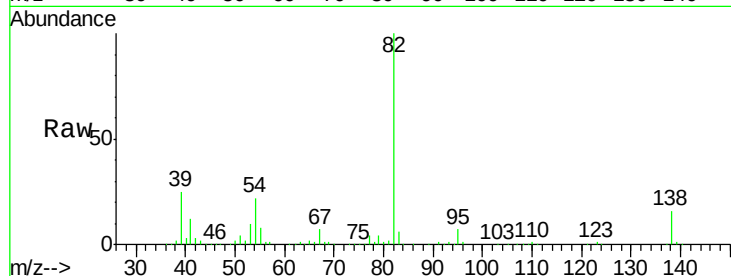
95 7.4 5.1 7.7

138 15.6 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.95 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

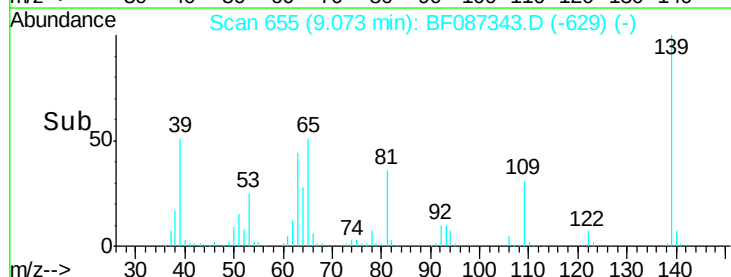
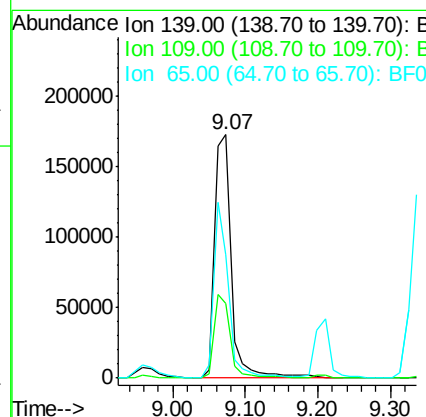
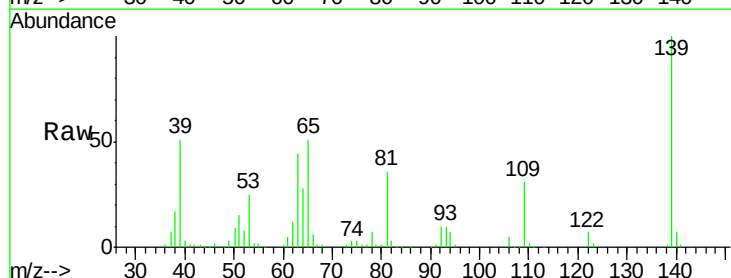
Tgt Ion: 139 Resp: 277327

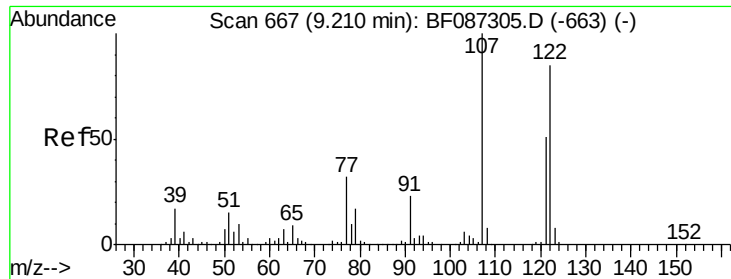
Ion Ratio Lower Upper

139 100

109 30.5 19.5 29.3#

65 50.8 37.5 56.3





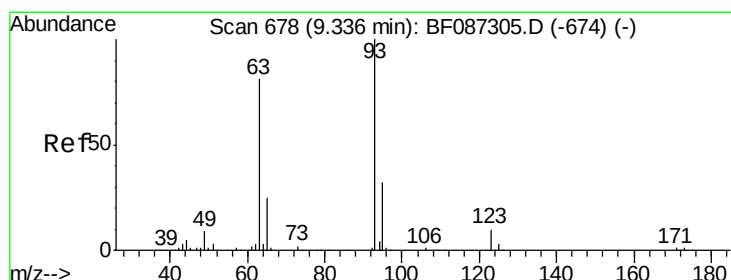
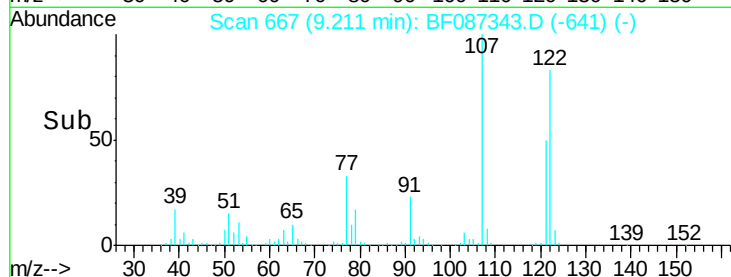
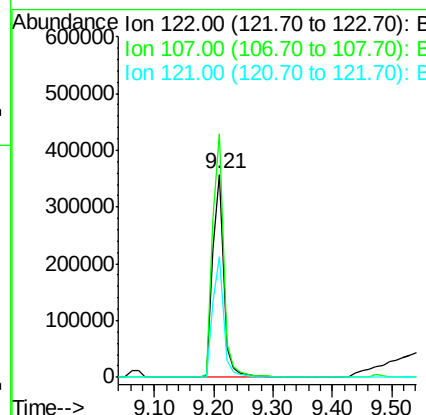
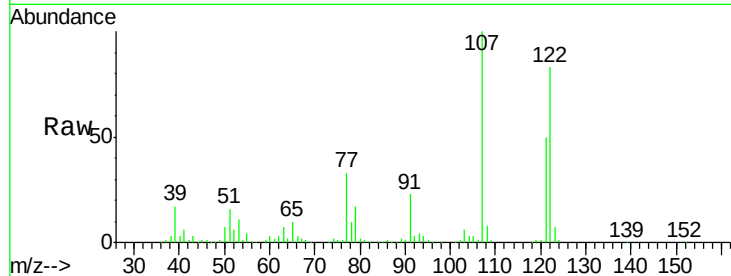
#27
 2,4-Dimethylphenol
 Concen: 41.55 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	465658		
107	120.0	82.0	123.0	
121	59.7	46.1	69.1	

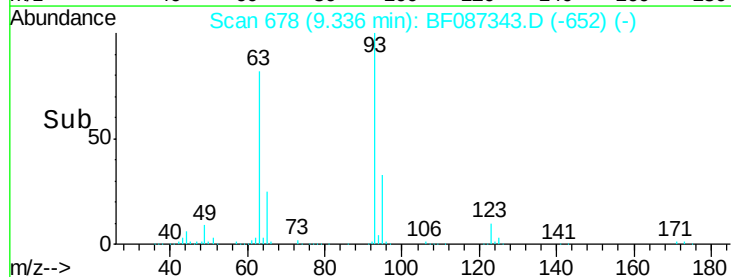
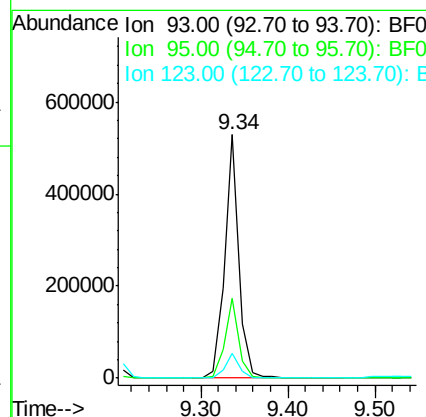
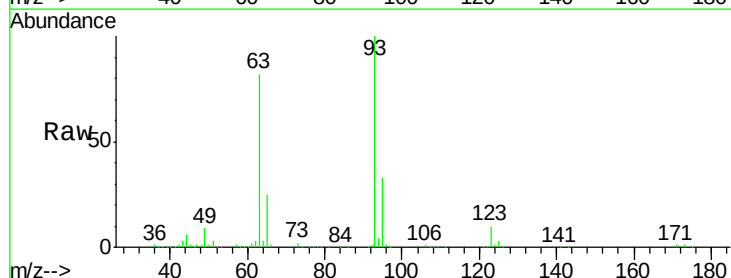
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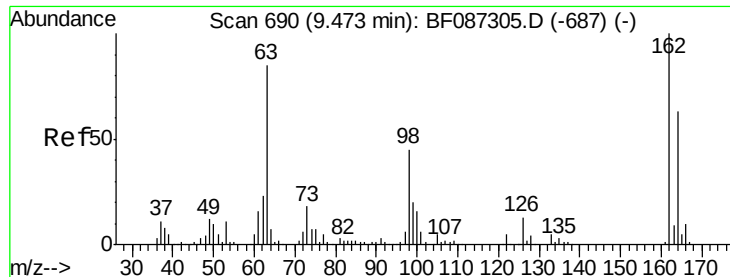
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.82 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601910		
95	32.7	26.0	39.0	
123	9.9	9.5	14.3	





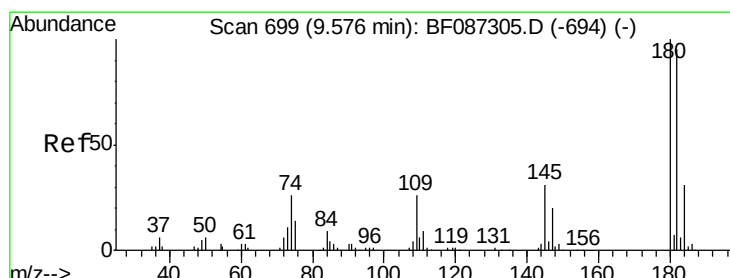
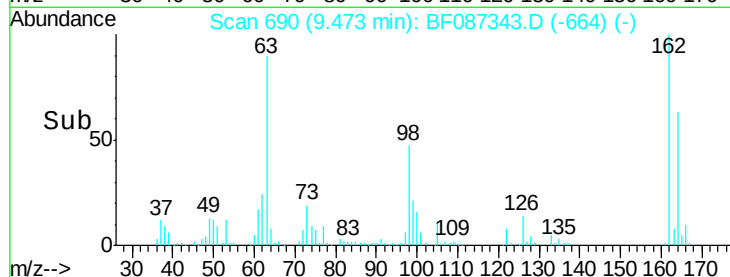
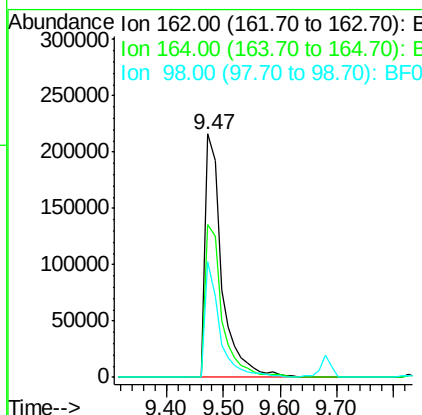
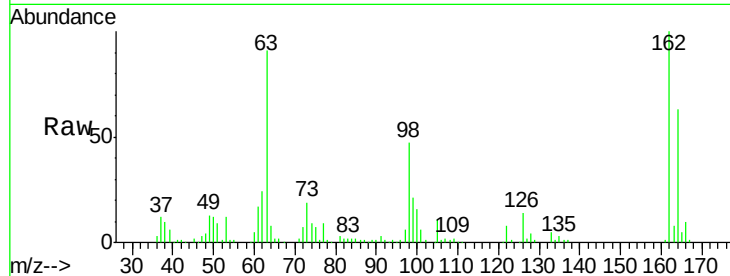
#29
 2,4-Dichlorophenol
 Concen: 42.13 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	425501		
164	62.5	42.2	82.2	
98	47.3	19.0	59.0	

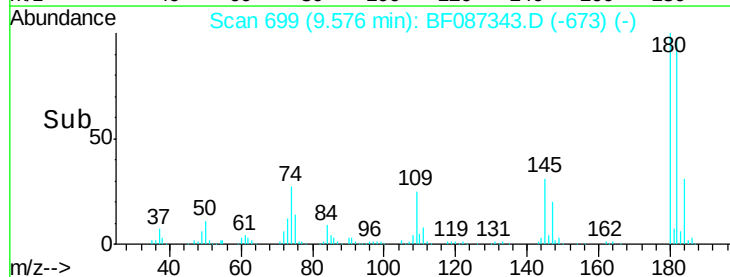
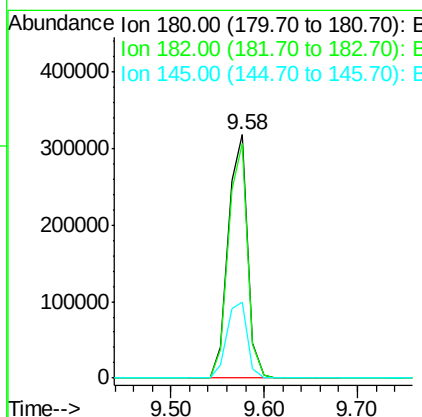
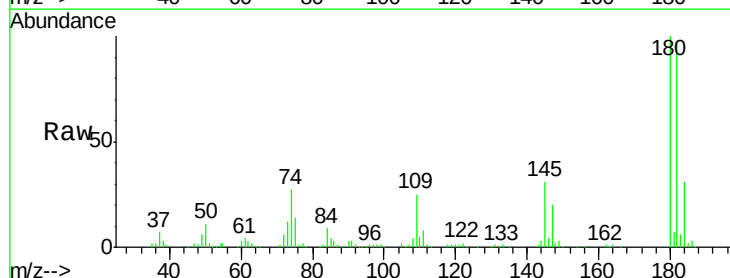
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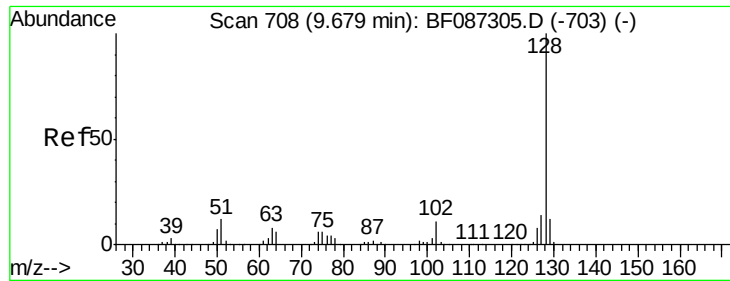
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	458760		
182	96.5	78.0	117.0	
145	30.9	24.2	36.2	





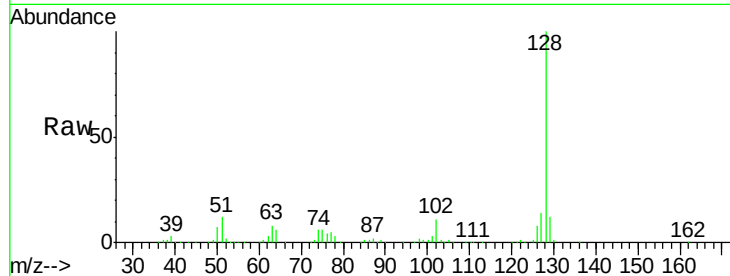
#31
Naphthalene
Concen: 38.40 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

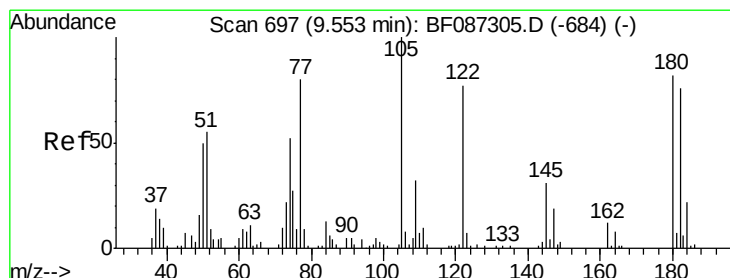
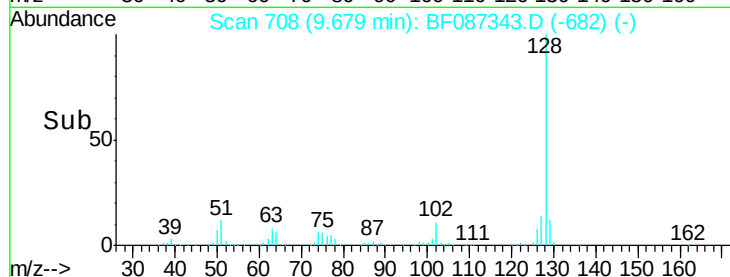
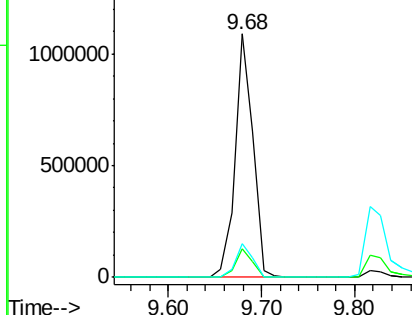
Tgt Ion:128 Resp: 1451236
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.7 10.8 16.2

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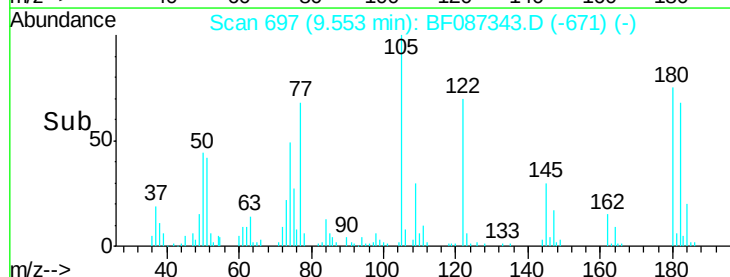
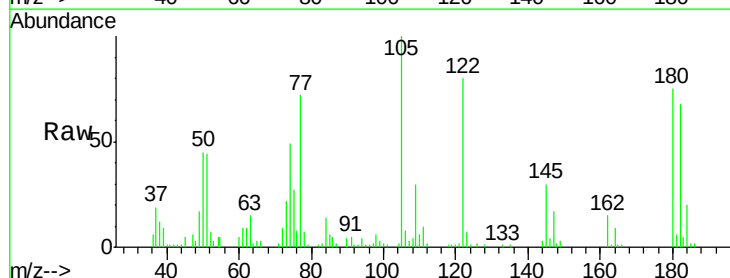
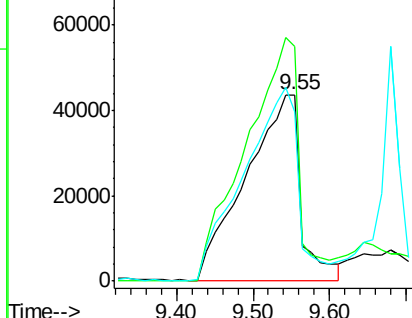
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

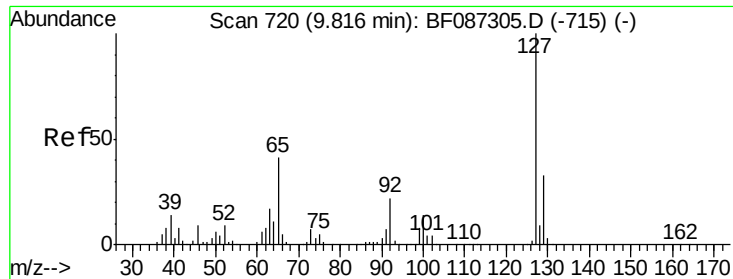


#32
Benzoic acid
Concen: 39.01 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion:122 Resp: 218000
Ion Ratio Lower Upper
122 100
105 125.6 92.6 132.6
77 90.9 60.0 100.0

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





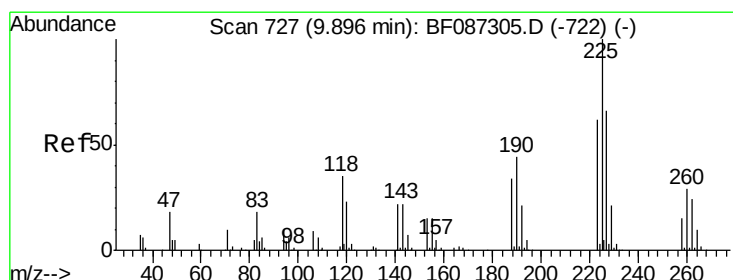
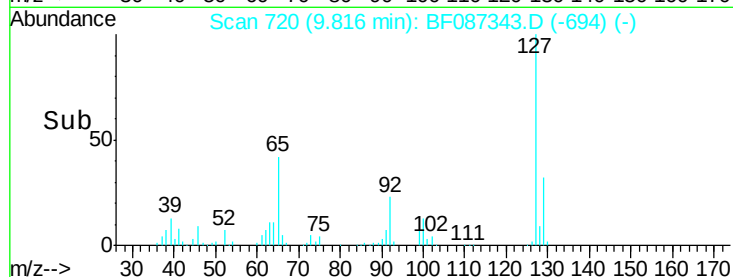
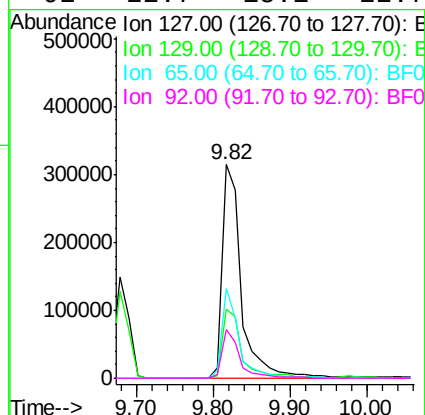
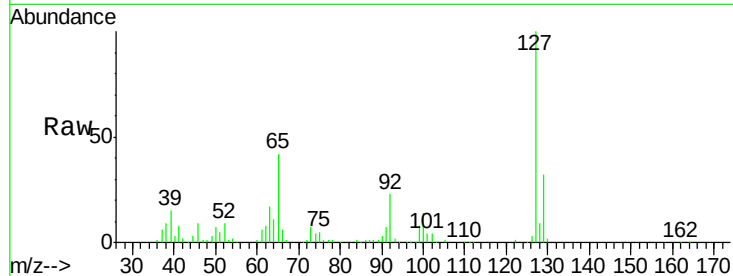
#33
 4-Chloroaniline
 Concen: 39.59 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.2	39.4
65	42.2	23.0	34.4#
92	22.7	15.1	22.7#

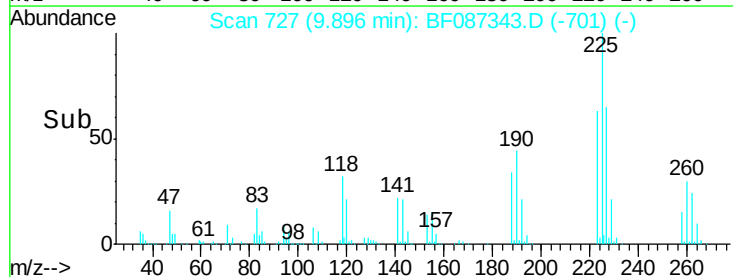
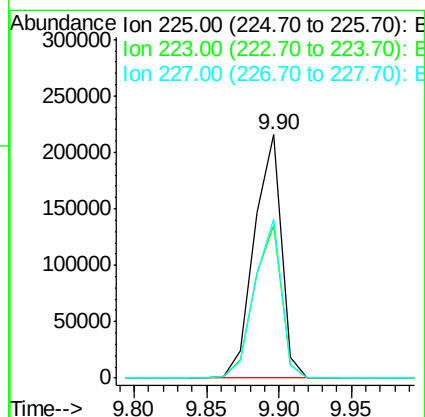
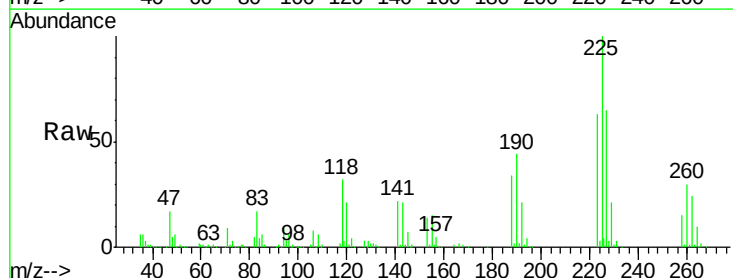
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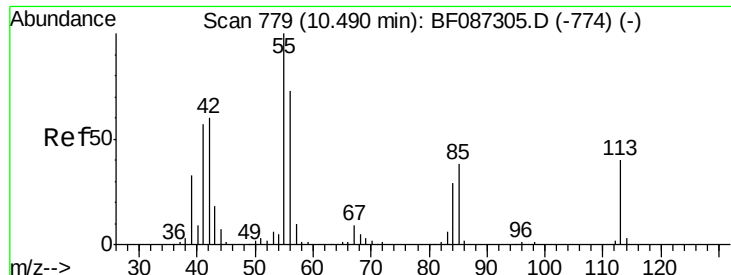
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#34
 Hexachlorobutadiene
 Concen: 39.72 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.5	51.5	77.3
227	65.2	52.2	78.2





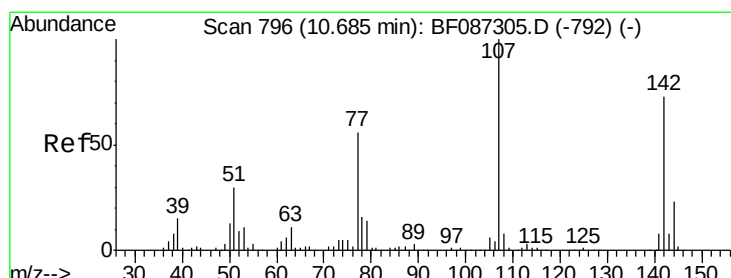
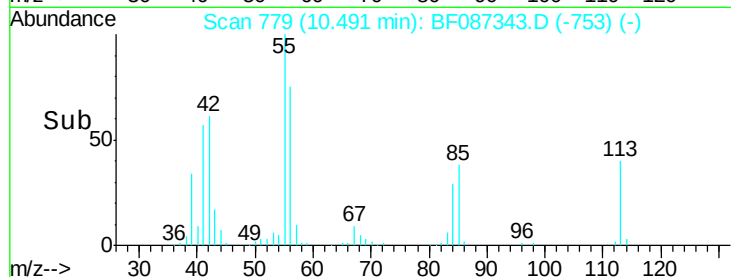
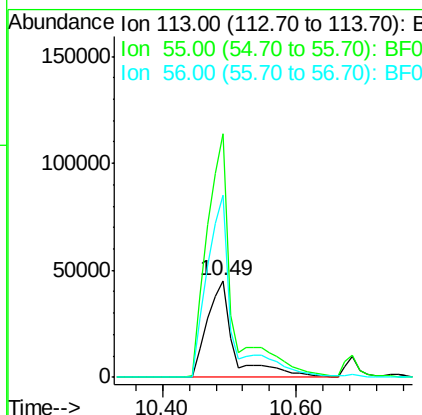
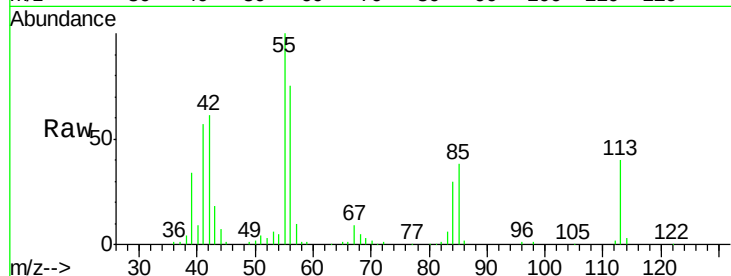
#35
 Caprolactam
 Concen: 42.43 ng m
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	251.4	162.0	202.0#
56	188.7	115.3	155.3#

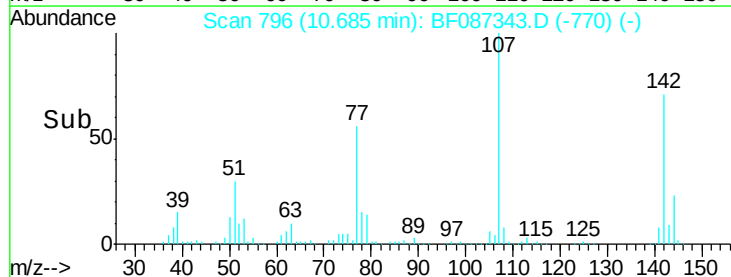
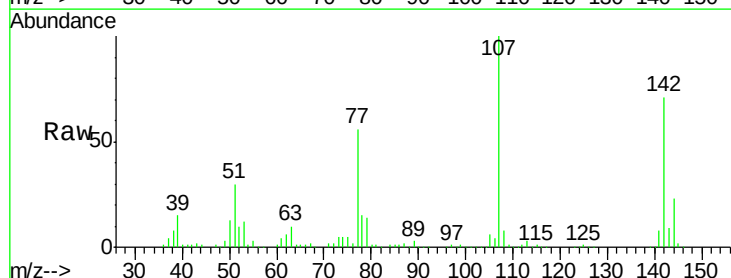
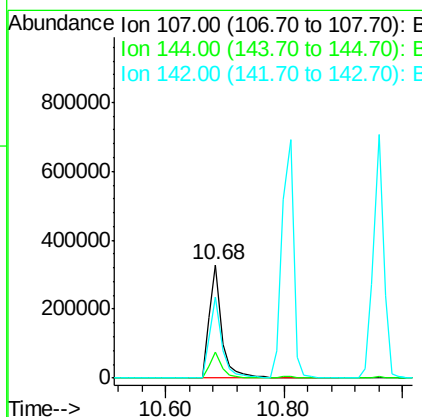
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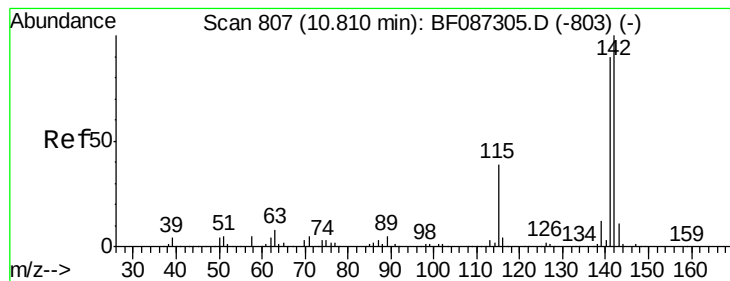
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#36
 4-Chloro-3-methylphenol
 Concen: 42.11 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	20.7	31.1
142	71.0	63.2	94.8





#37

2-Methylnaphthalene

Concen: 39.66 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF087343.D

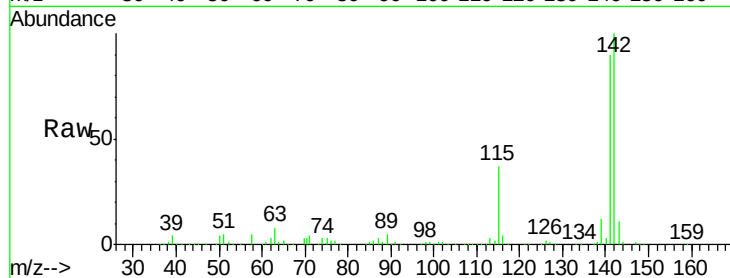
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

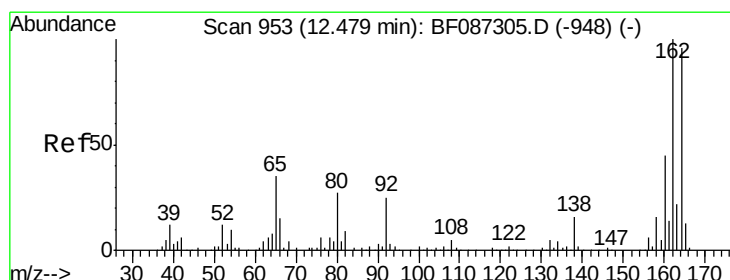
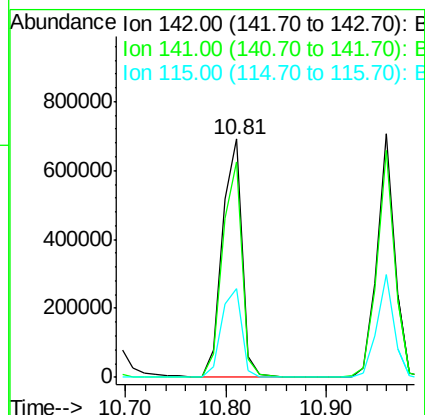
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Tgt Ion:	142	Resp:	936319
Ion Ratio	Lower	Upper	
142	100		
141	90.3	71.0	106.6
115	37.3	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

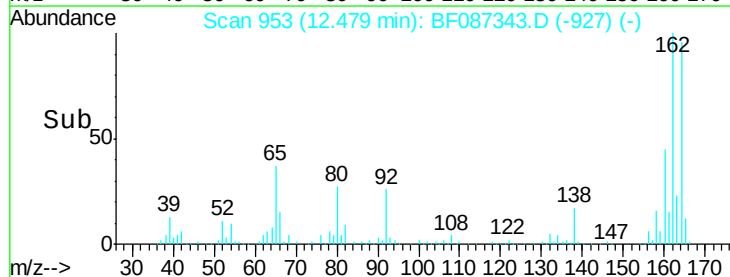
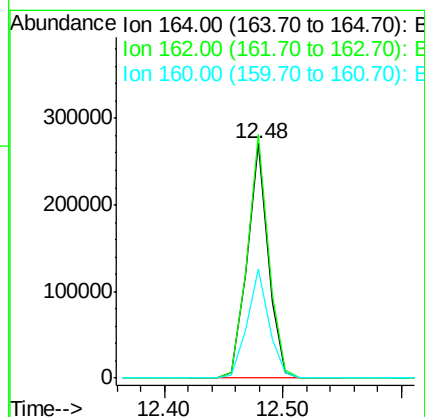
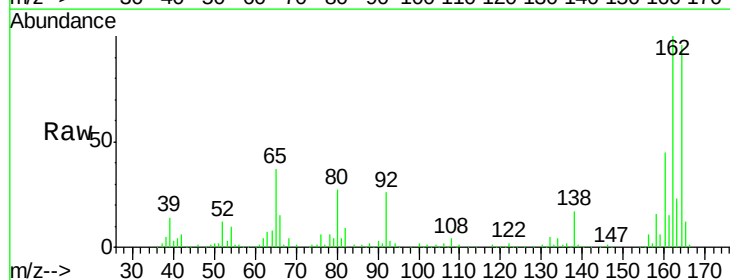
RT: 12.48 min Scan# 953

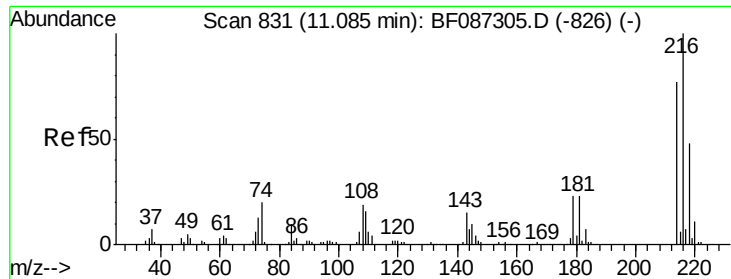
Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion:	164	Resp:	337031
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.8	124.2
160	46.6	36.9	55.3





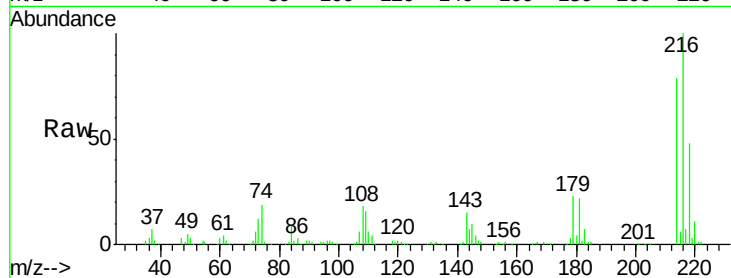
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.96 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

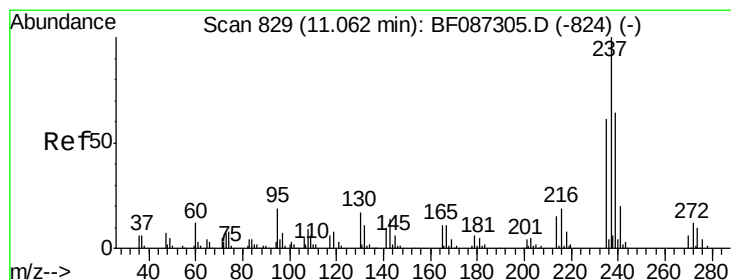
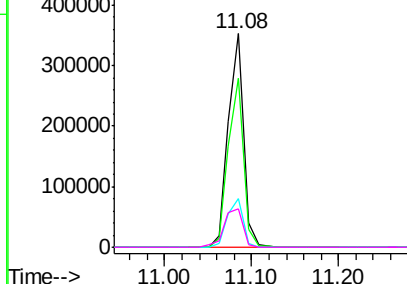
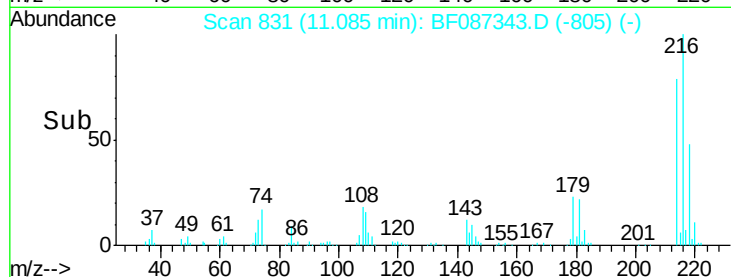
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Tgt Ion:	216	Resp:	431099
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.6	93.8
179	23.9	18.2	27.4
108	22.5	17.5	26.3

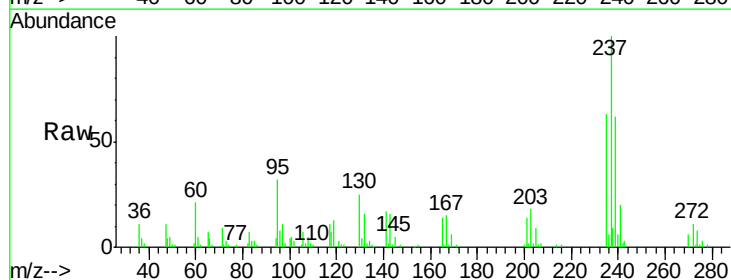


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

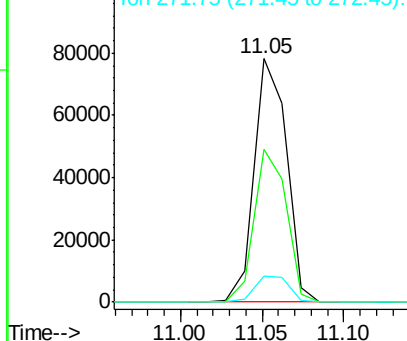
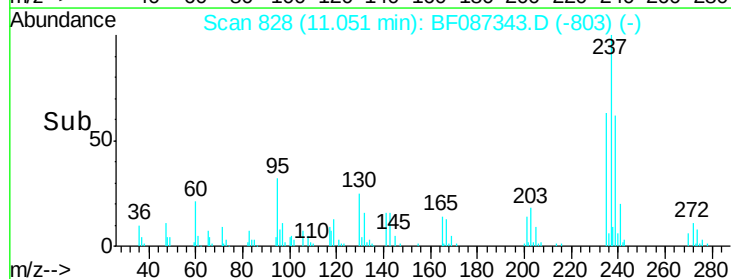


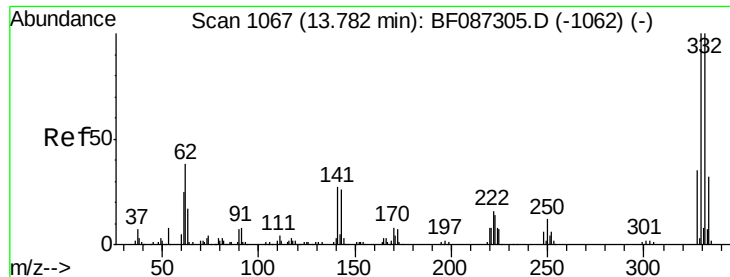
#40
 Hexachlorocyclopentadiene
 Concen: 30.88 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion:	237	Resp:	107851
Ion Ratio	Lower	Upper	
237	100		
235	62.9	47.2	87.2
272	10.7	0.0	31.1



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





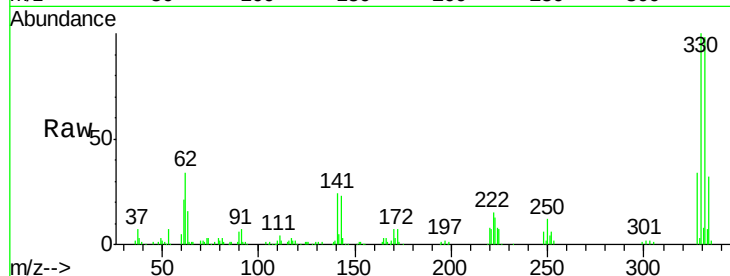
#41
 2,4,6-Tribromophenol
 Concen: 79.65 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

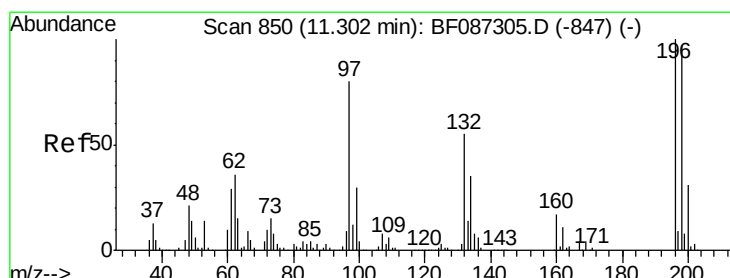
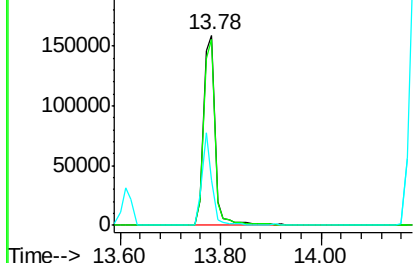
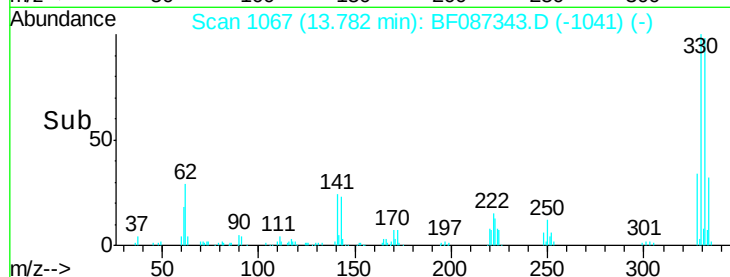
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	257960		
332	96.8	79.0	118.4	
141	41.0	31.2	46.8	

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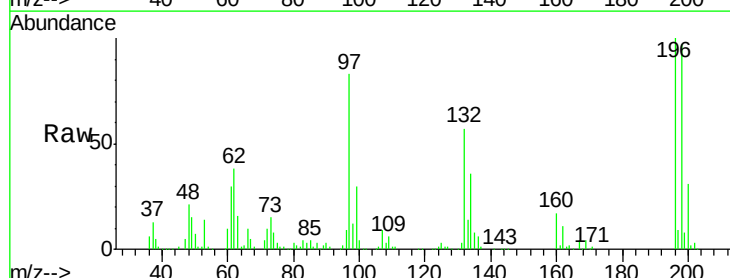


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

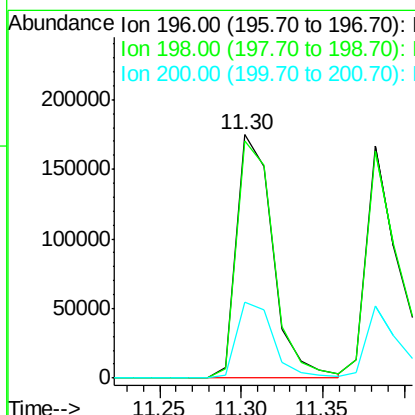
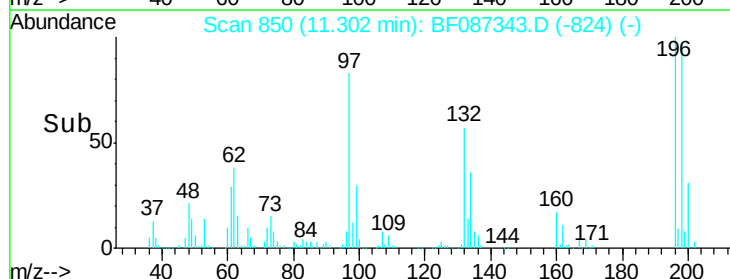


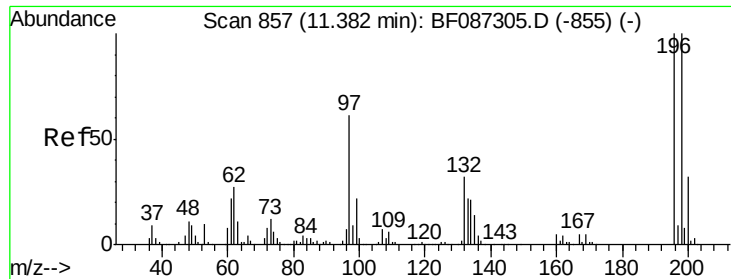
#42
 2,4,6-Trichlorophenol
 Concen: 42.93 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267303		
198	97.4	74.7	112.1	
200	31.2	23.8	35.6	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





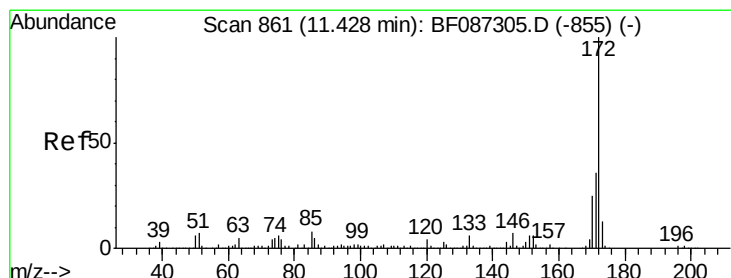
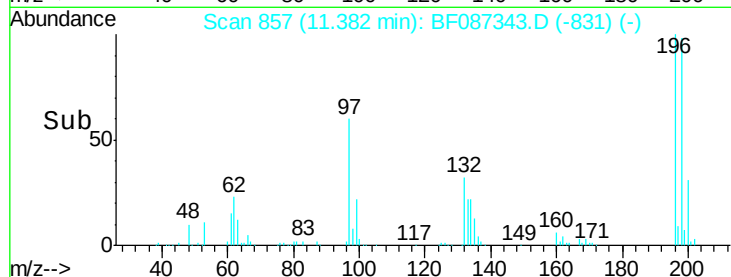
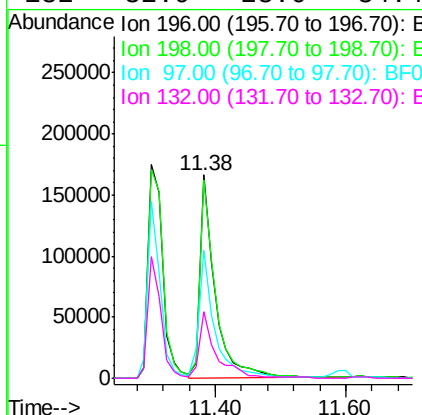
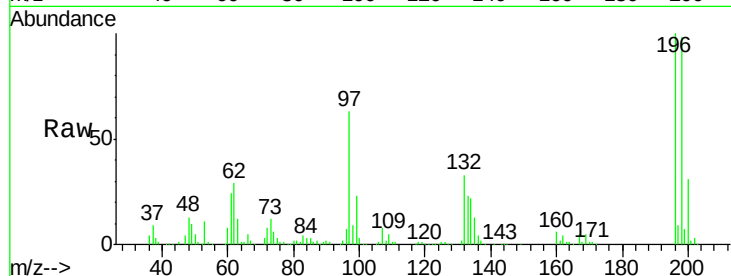
#43
 2,4,5-Trichlorophenol
 Concen: 42.18 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267494		
198	97.7	77.5	116.3	
97	63.2	34.8	52.2	
132	32.9	23.0	34.4	

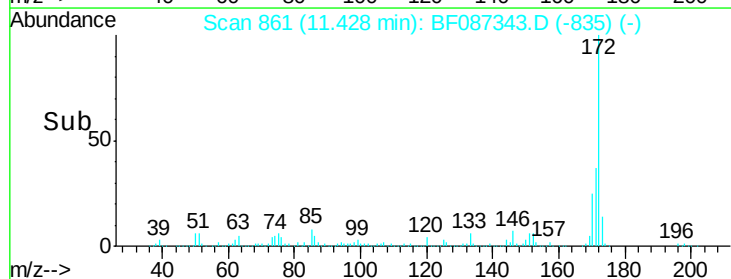
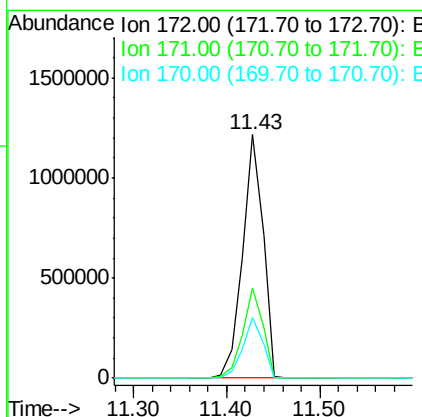
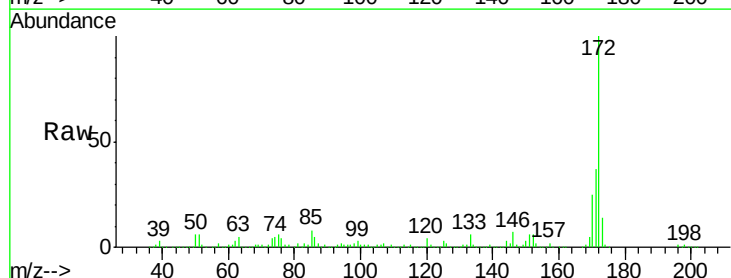
Manual Integrations
 APPROVED

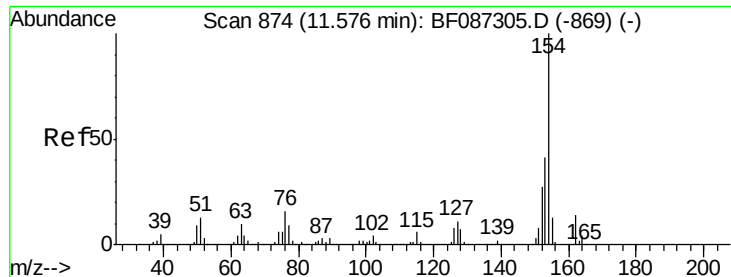
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#44
 2-Fluorobiphenyl
 Concen: 77.37 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1849716		
171	36.8	29.0	43.6	
170	24.9	19.8	29.8	





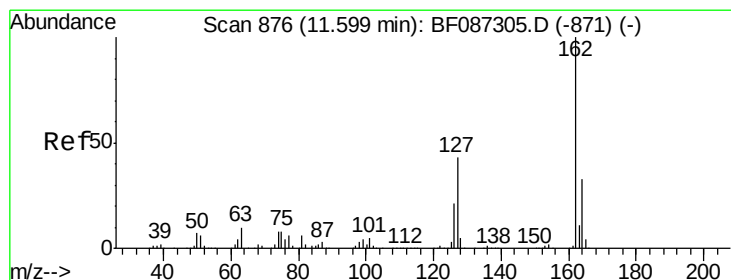
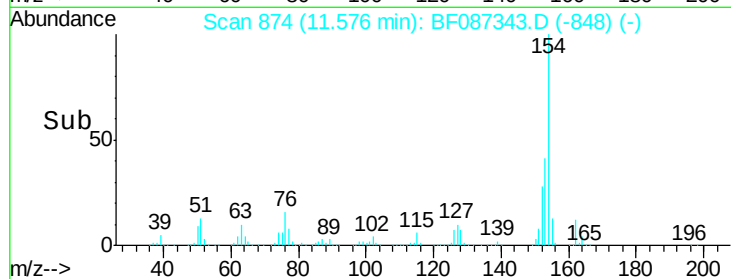
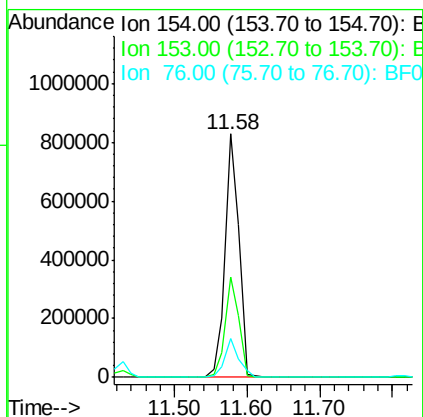
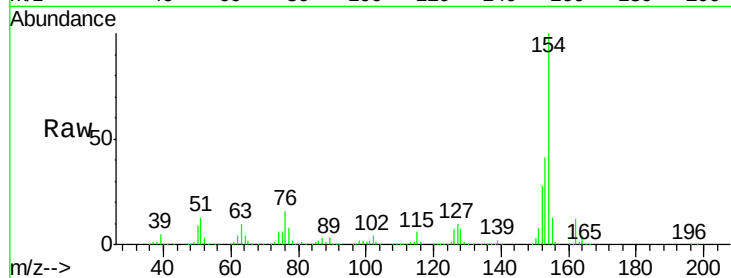
#45
 1,1'-Biphenyl
 Concen: 38.78 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1100479
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.3 60.3
 76 15.7 0.0 30.2

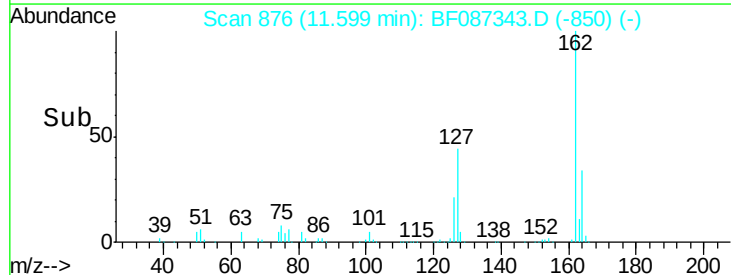
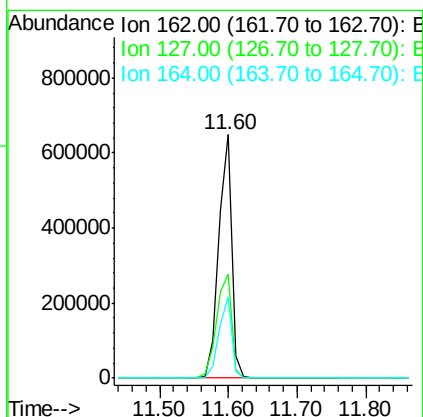
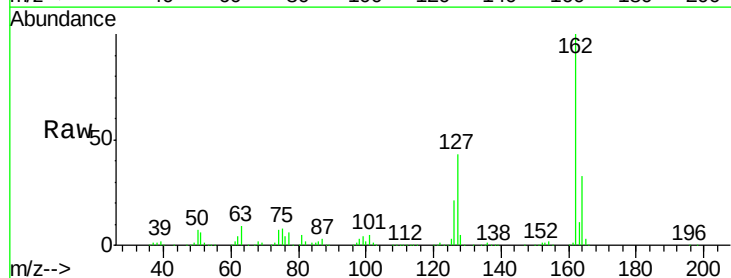
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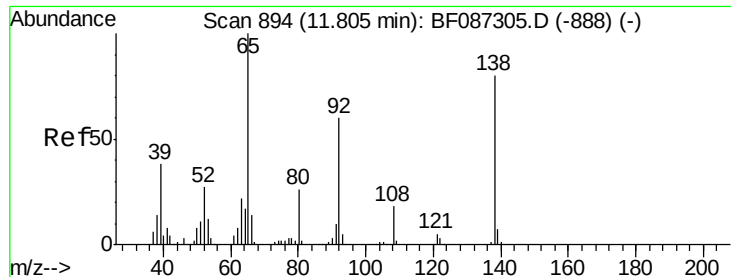
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#46
 2-Chloronaphthalene
 Concen: 40.17 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion:162 Resp: 872092
 Ion Ratio Lower Upper
 162 100
 127 42.9 31.8 47.6
 164 33.1 27.0 40.6





#47

2-Nitroaniline

Concen: 42.47 ng

RT: 11.81 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087343.D

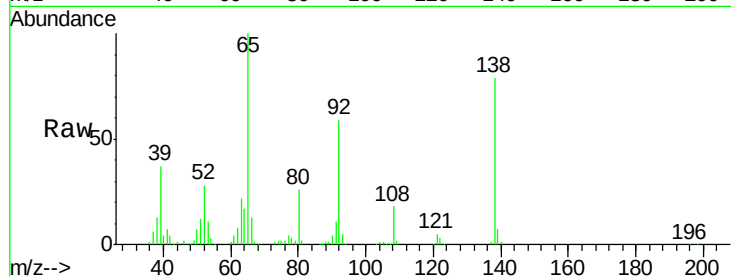
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 65 Resp: 332147

Ion Ratio Lower Upper

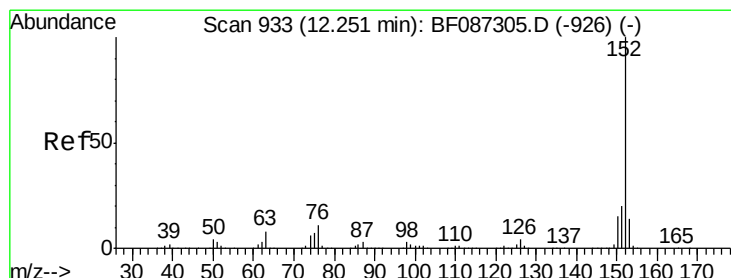
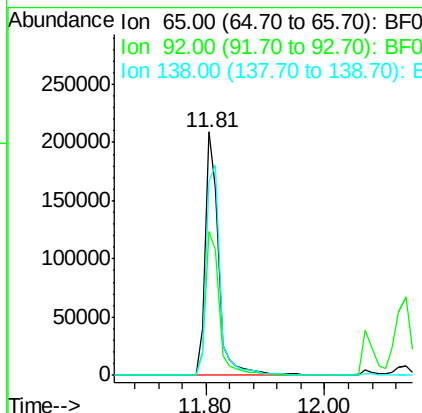
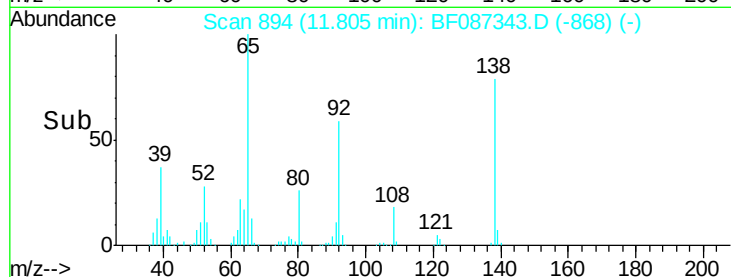
65 100

92 59.3 57.4 86.2

138 79.5 90.1 135.1#

Manual Integrations
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#48

Acenaphthylene

Concen: 39.34 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

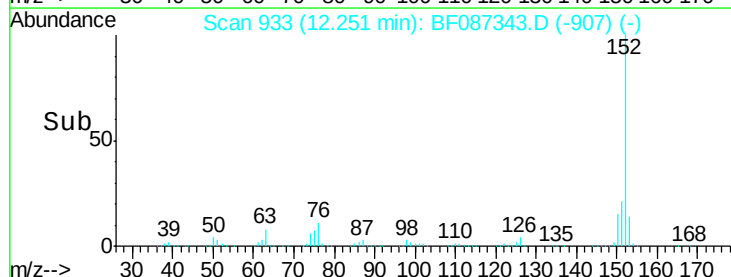
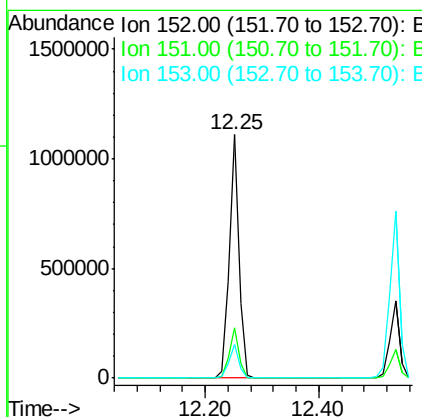
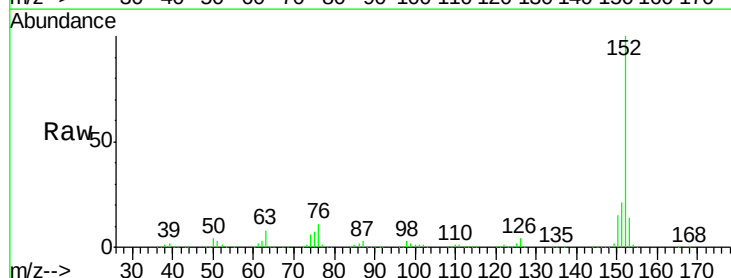
Tgt Ion: 152 Resp: 1352034

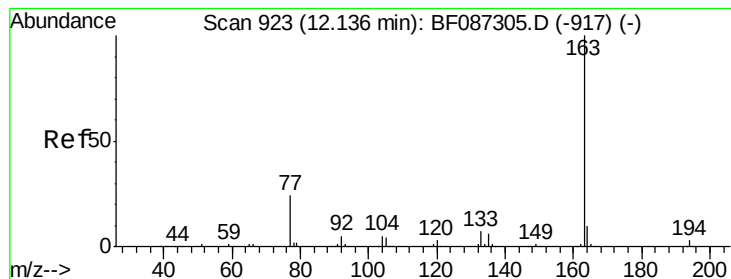
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 14.1 10.9 16.3





#49

Dimethylphthalate

Concen: 40.64 ng

RT: 12.14 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:163 Resp: 1097240

Ion Ratio Lower Upper

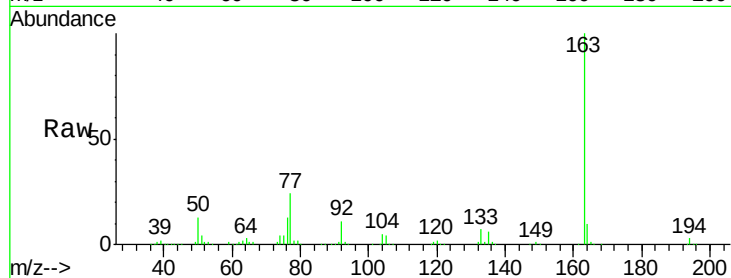
163 100

194 3.2 2.6 4.0

164 10.1 8.2 12.4

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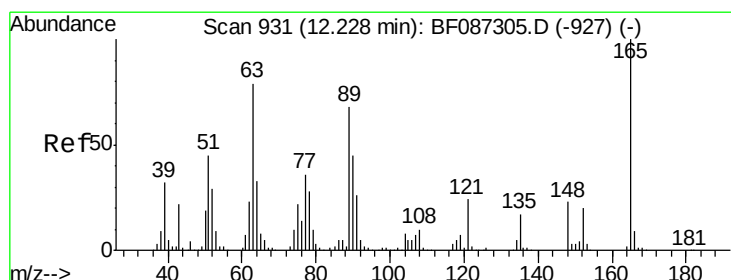
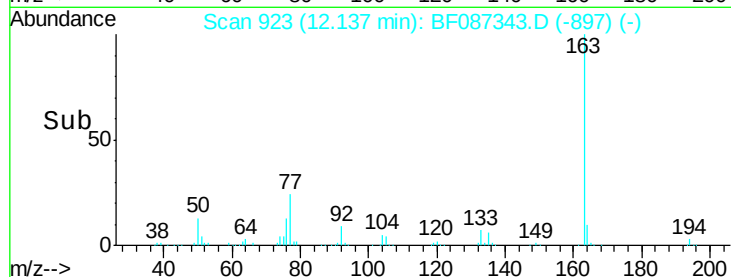
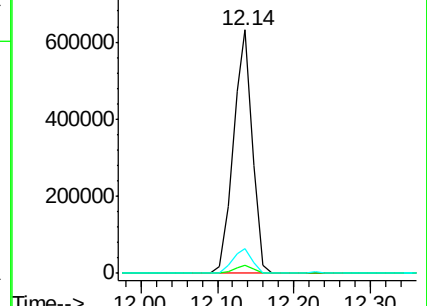
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.37 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

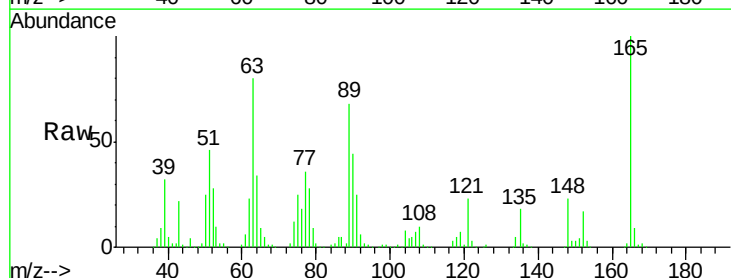
Tgt Ion:165 Resp: 225078

Ion Ratio Lower Upper

165 100

63 79.9 51.8 77.8#

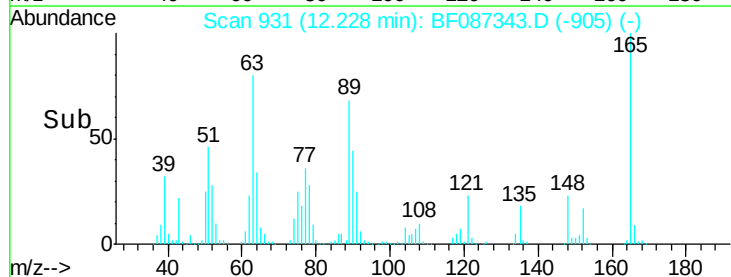
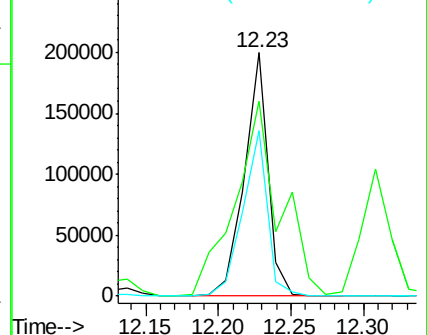
89 67.8 50.7 76.1

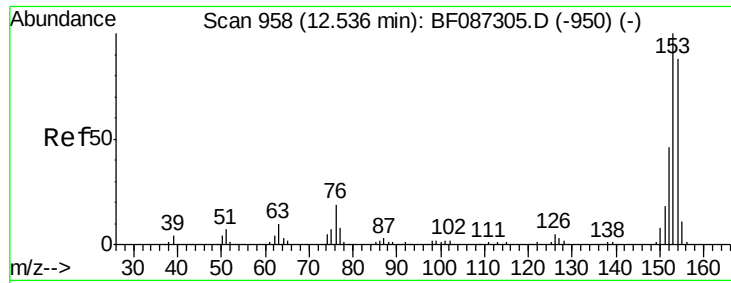


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.09 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087343.D

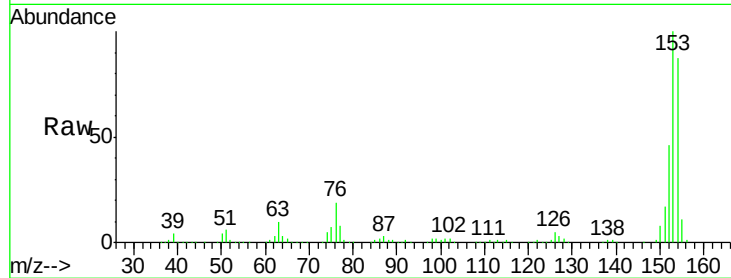
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

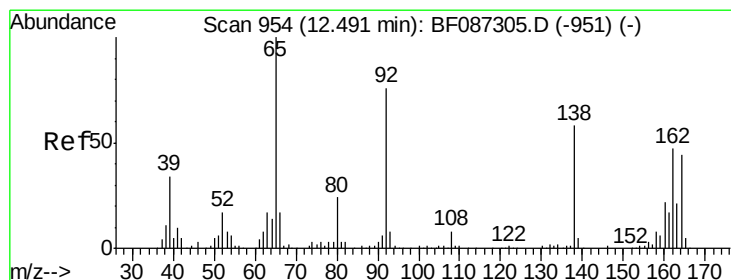
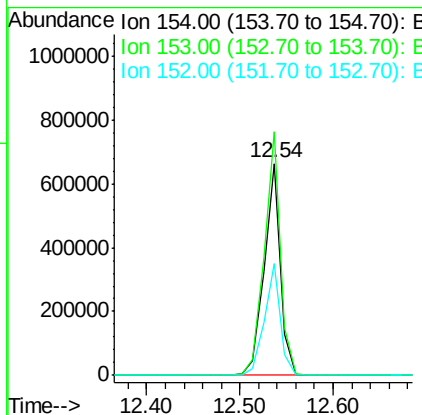
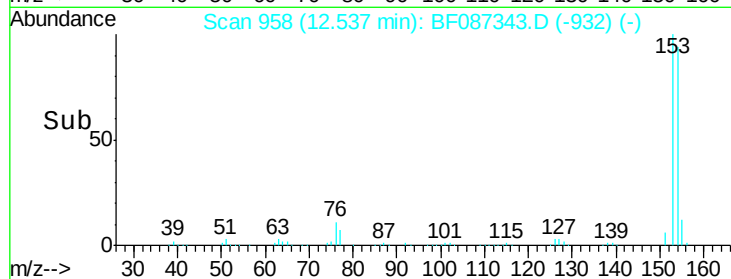
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	804586		
153	115.0	89.8	134.6	
152	53.0	43.4	65.0	

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#52

3-Nitroaniline

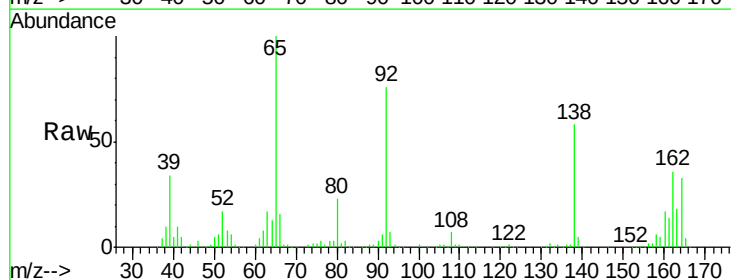
Concen: 40.11 ng

RT: 12.49 min Scan# 954

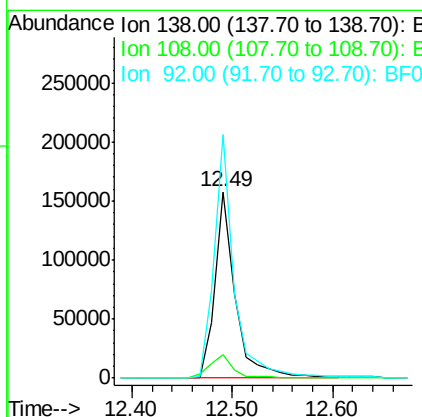
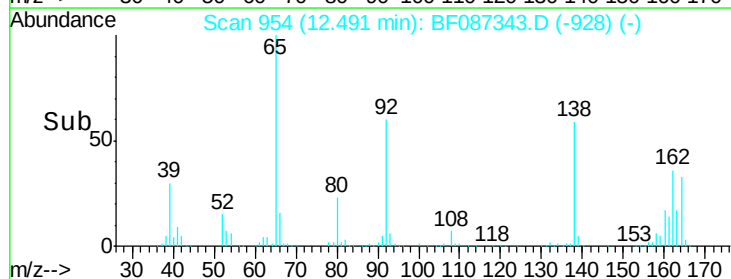
Delta R.T. 0.00 min

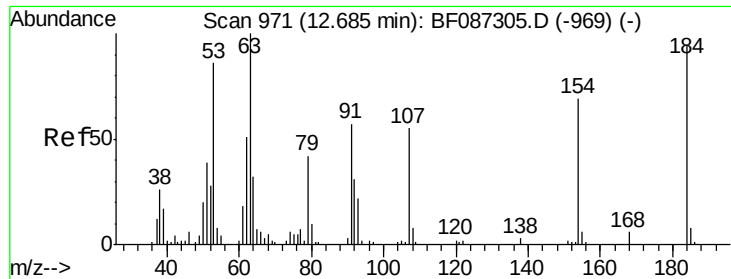
Lab File: BF087343.D

Acq: 24 May 2016 15:41



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	223974		
108	12.4	7.8	11.6#	
92	130.9	87.8	131.8	





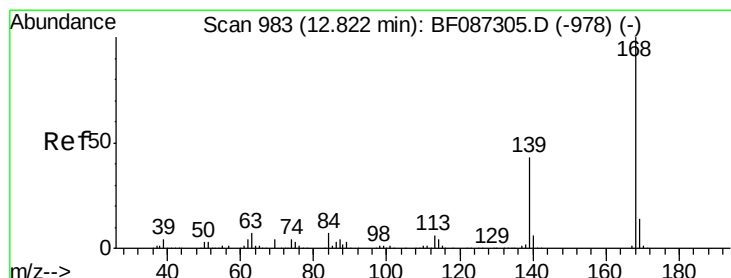
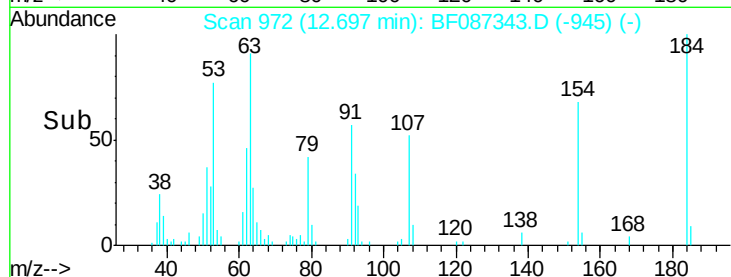
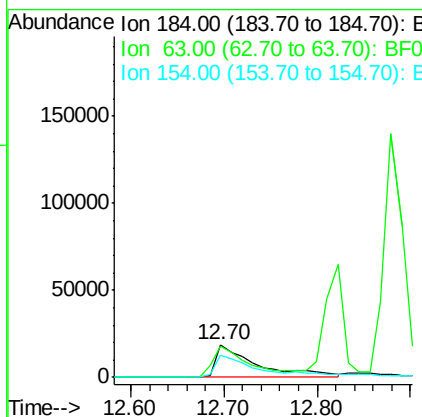
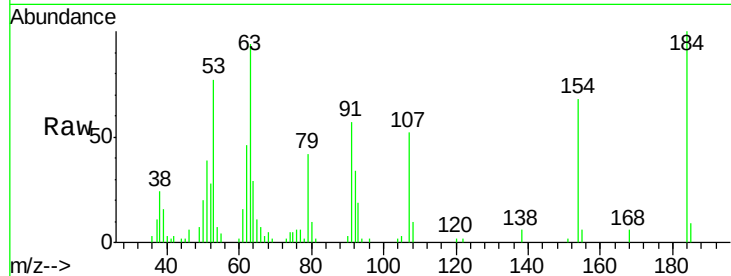
#53
2,4-Dinitrophenol
Concen: 25.42 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.6	55.8	83.8#
154	67.9	62.4	93.6

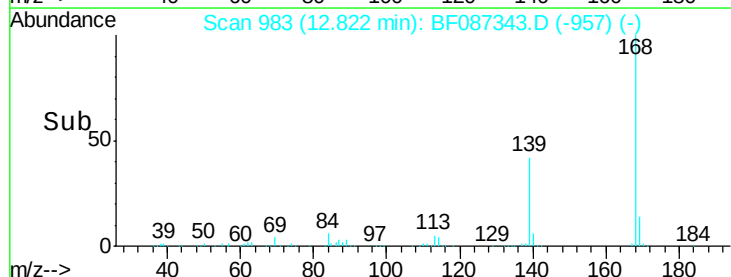
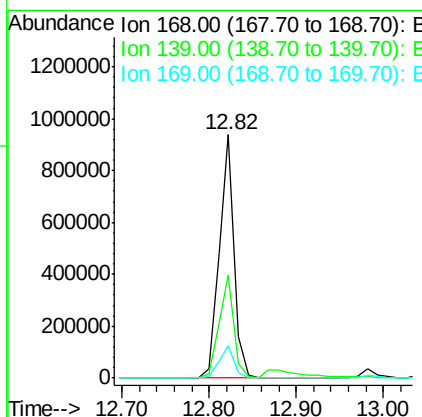
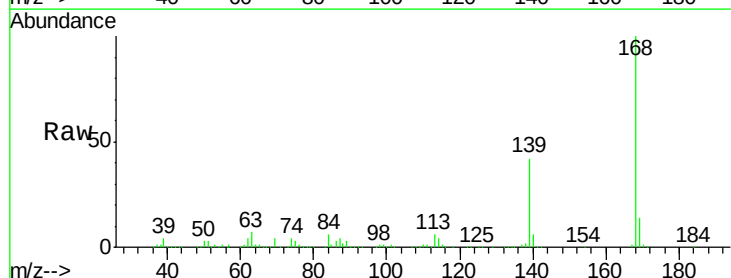
Manual Integrations
APPROVED

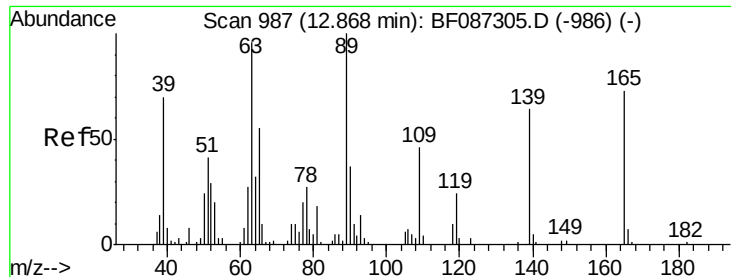
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#54
Dibenzofuran
Concen: 39.38 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	31.4	47.0
169	13.6	10.7	16.1





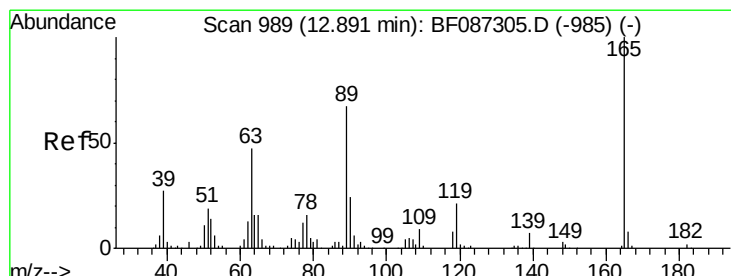
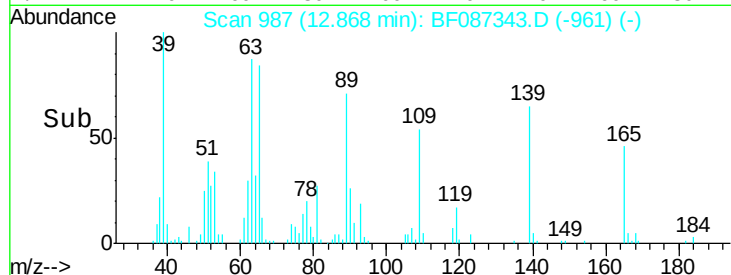
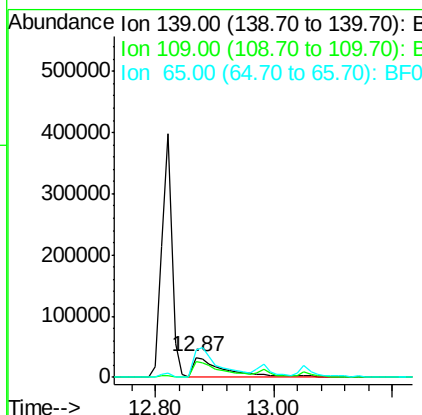
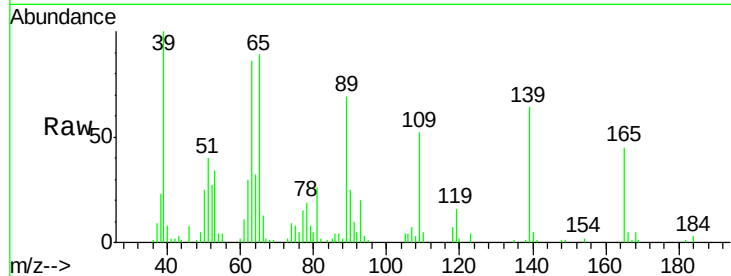
#55
4-Nitrophenol
Concen: 42.16 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tgt Ion:139 Resp: 112291
Ion Ratio Lower Upper
139 100
109 82.4 36.9 76.9#
65 139.5 64.0 104.0#

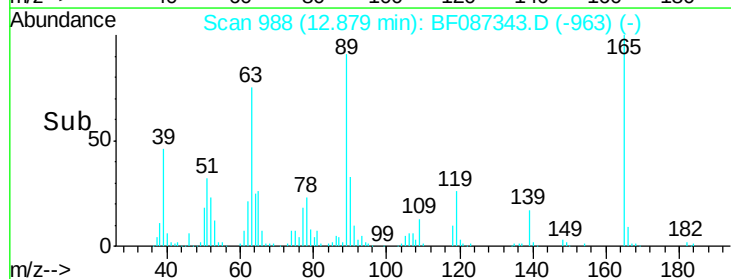
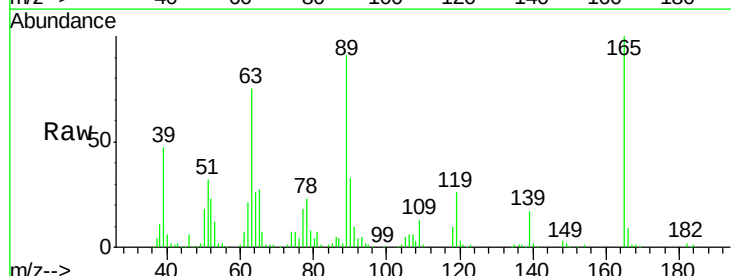
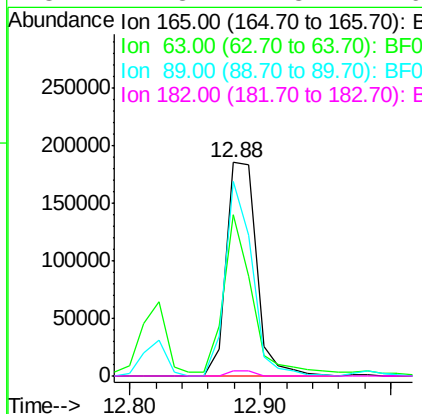
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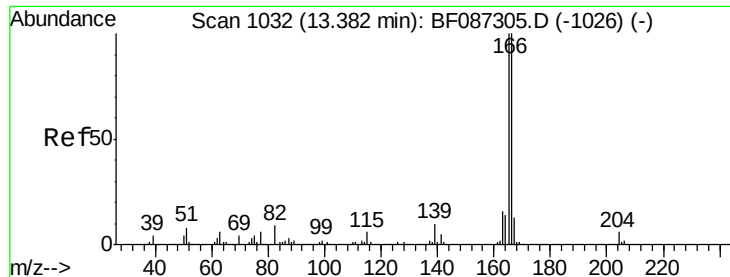
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#56
2,4-Dinitrotoluene
Concen: 41.10 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion:165 Resp: 298802
Ion Ratio Lower Upper
165 100
63 75.4 44.3 66.5#
89 91.0 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 38.67 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

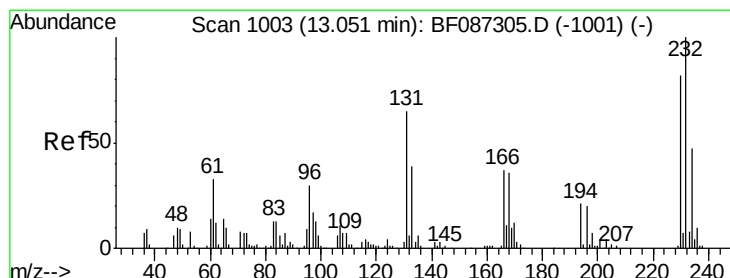
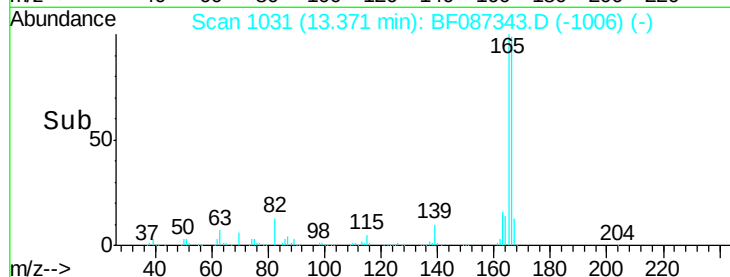
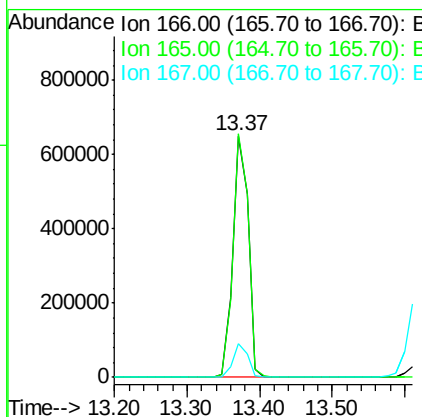
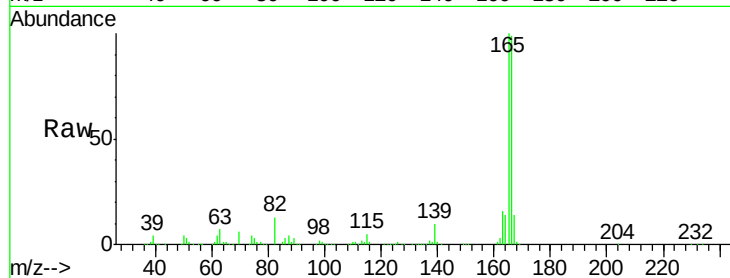
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	166	Resp:	959075
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.0	118.6
167	13.8	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.44 ng

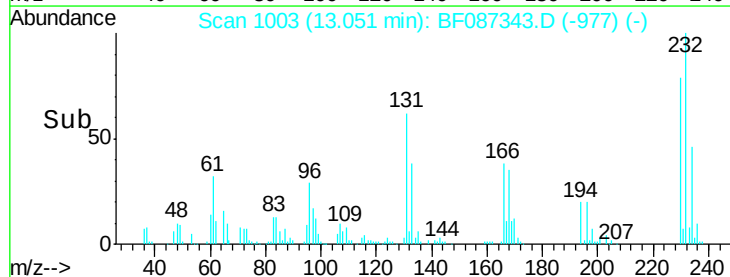
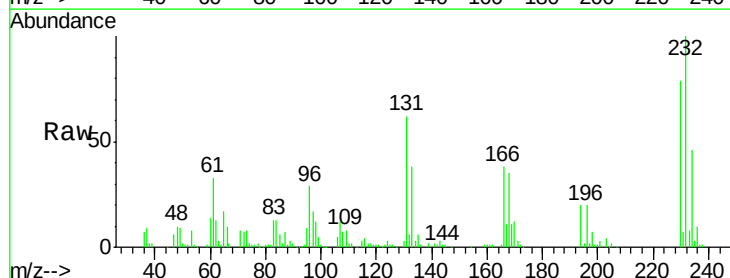
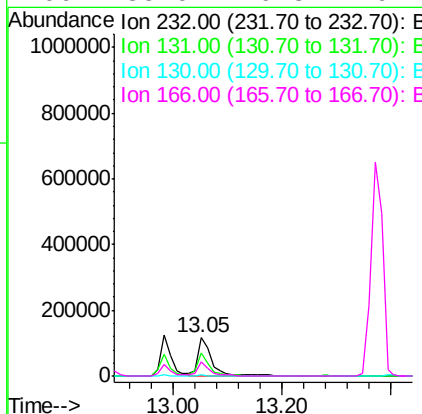
RT: 13.05 min Scan# 1003

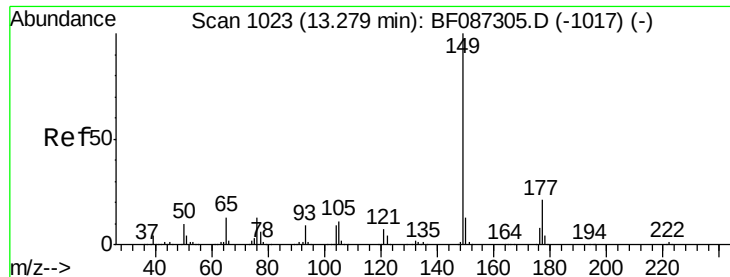
Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion:	232	Resp:	202151
Ion Ratio	Lower	Upper	
232	100		
131	54.4	41.9	62.9
130	2.6	2.2	3.4
166	35.0	26.8	40.2





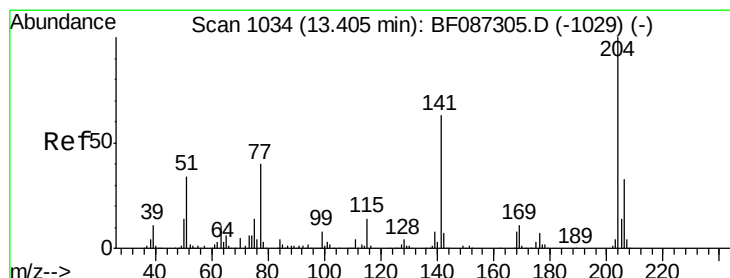
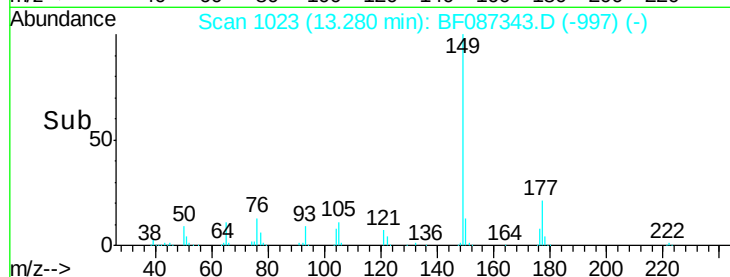
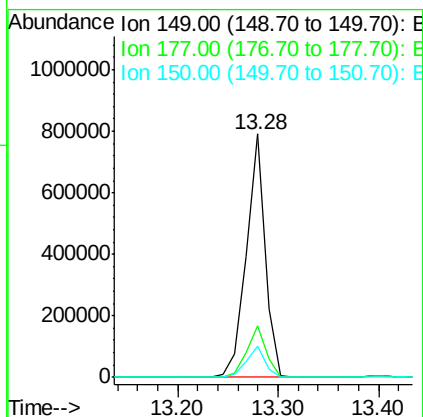
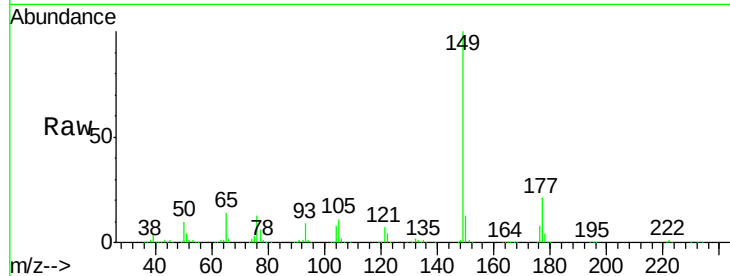
#59
Diethylphthalate
Concen: 39.14 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	24.8
150	12.7	10.0	15.0

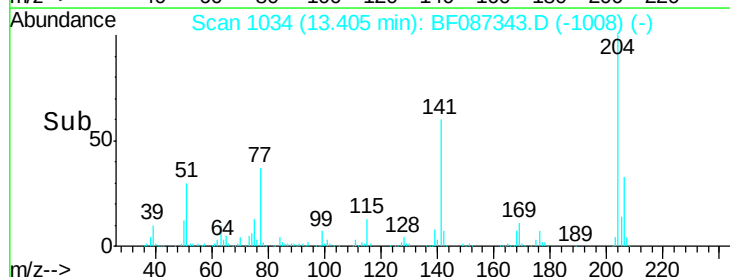
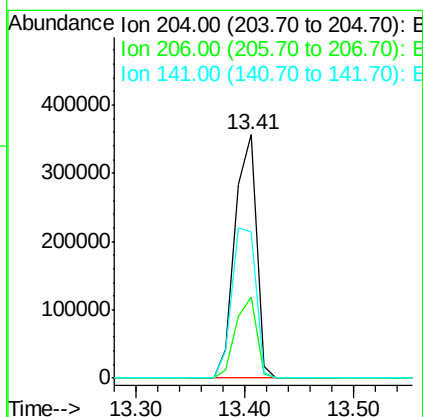
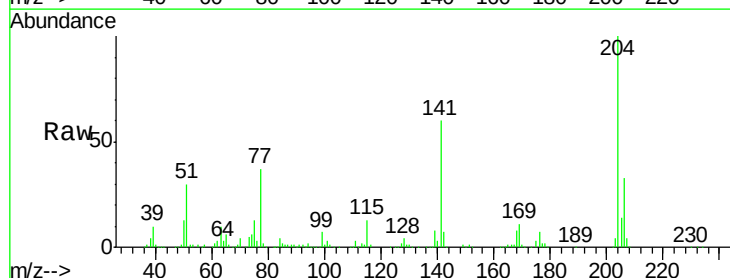
Manual Integrations
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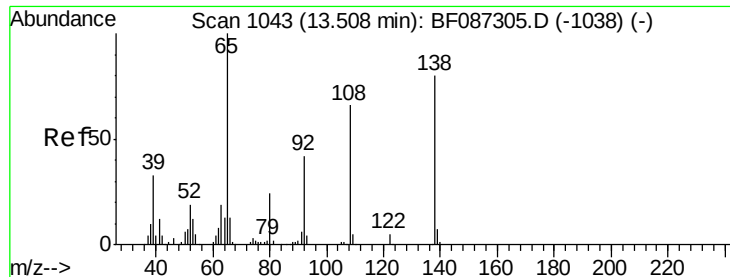
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#60
4-Chlorophenyl-phenylether
Concen: 39.97 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.4	38.0
141	59.8	61.6	92.4





#61

4-Nitroaniline

Concen: 43.45 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF087343.D

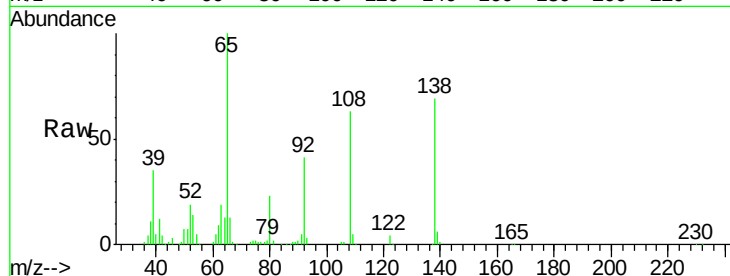
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 138 Resp: 226442

Ion Ratio Lower Upper

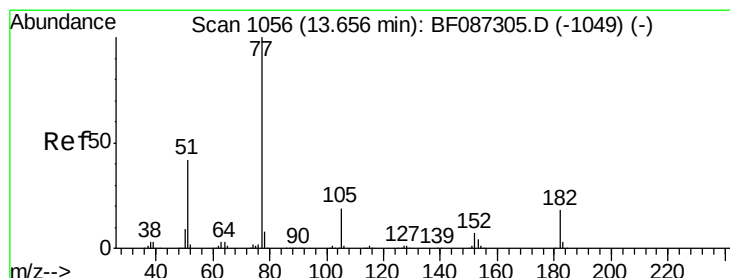
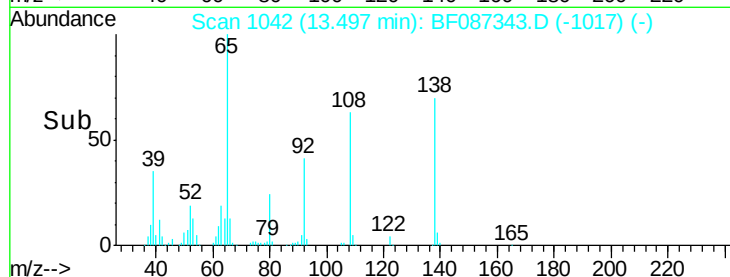
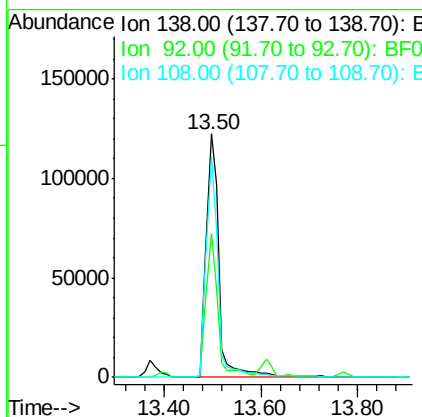
138 100

92 58.9 24.7 64.7

108 90.5 37.4 77.4#

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#62

Azobenzene

Concen: 40.49 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion: 77 Resp: 1102531

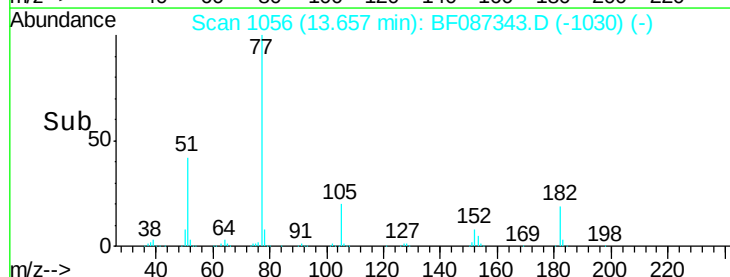
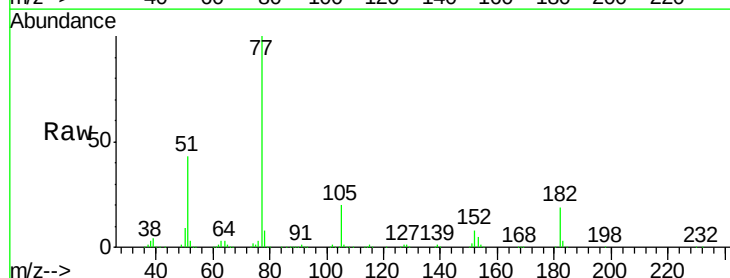
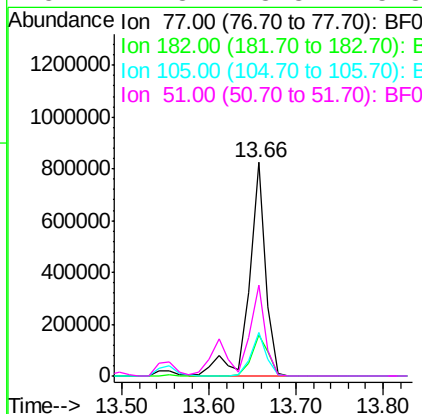
Ion Ratio Lower Upper

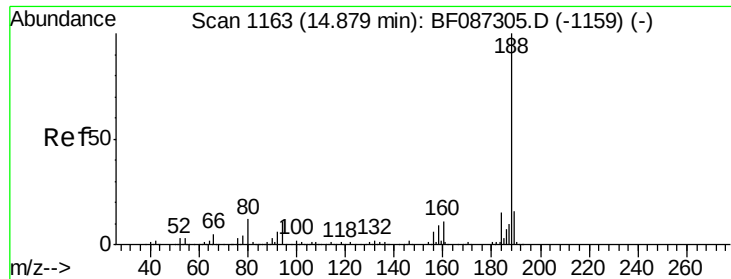
77 100

182 19.4 0.0 38.8

105 20.2 3.2 43.2

51 42.8 8.8 48.8





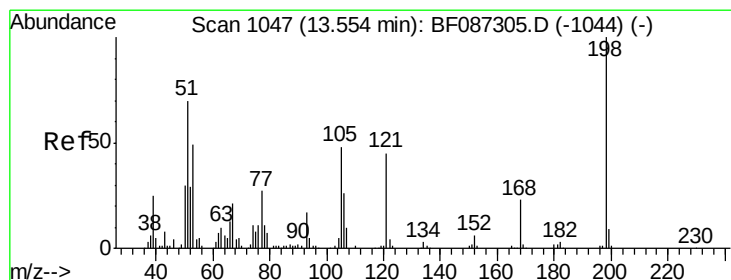
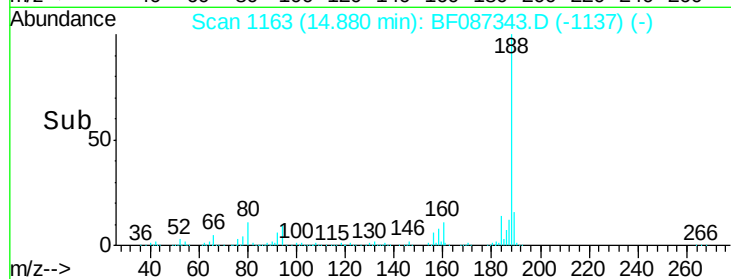
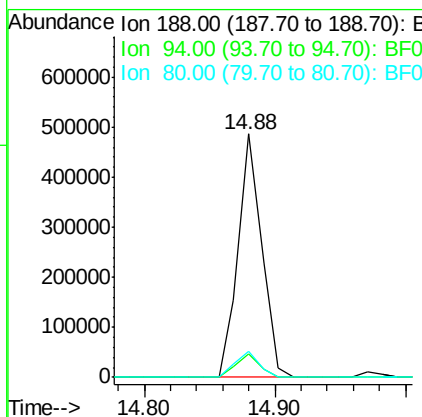
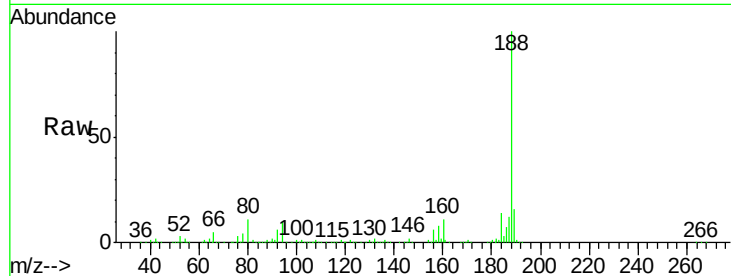
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.8	10.2
80	10.9	7.1	10.7

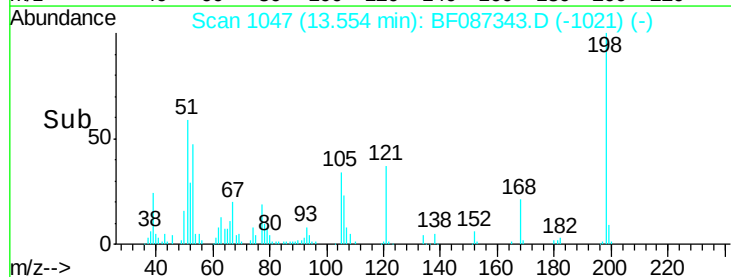
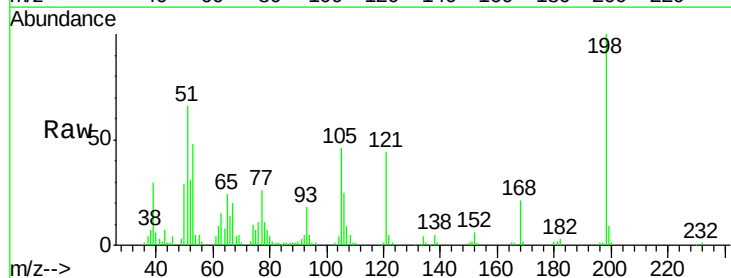
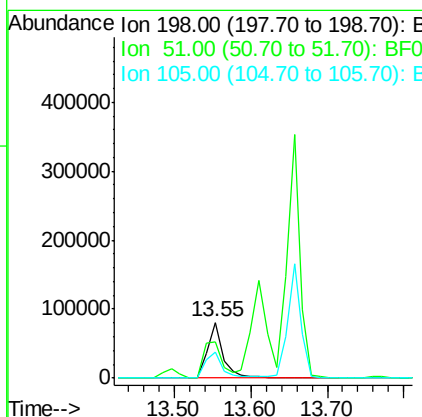
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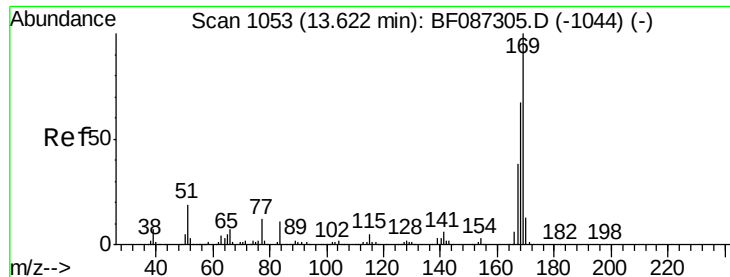
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.70 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.6	20.5	60.5
105	46.1	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 40.56 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

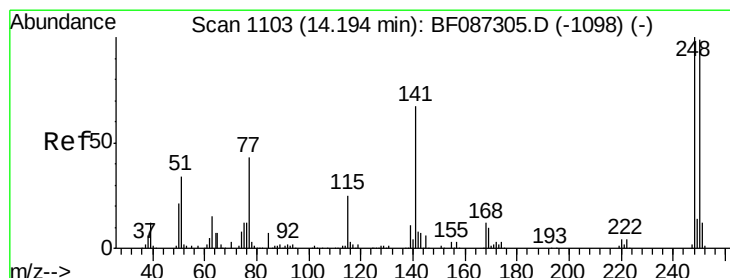
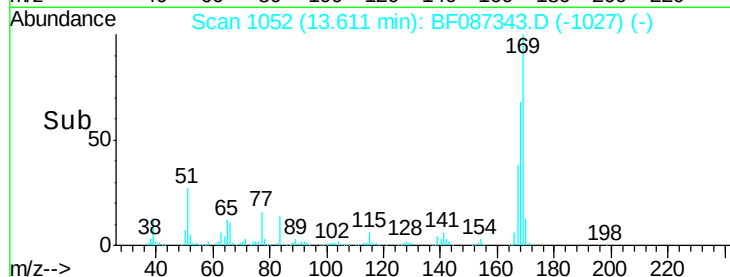
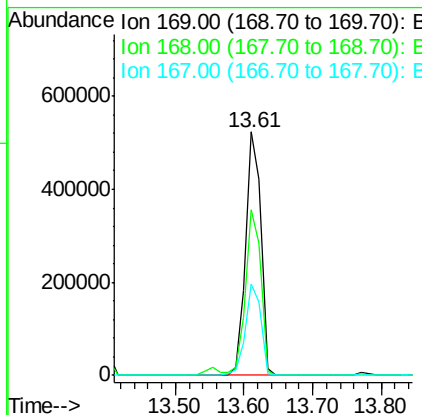
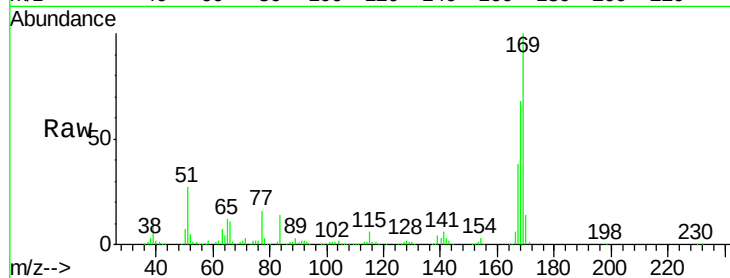
ClientSampleId :

SSTDCCC040EC

Tgt	Ion:169	Resp:	803232
Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.8	80.6
167	37.7	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.90 ng

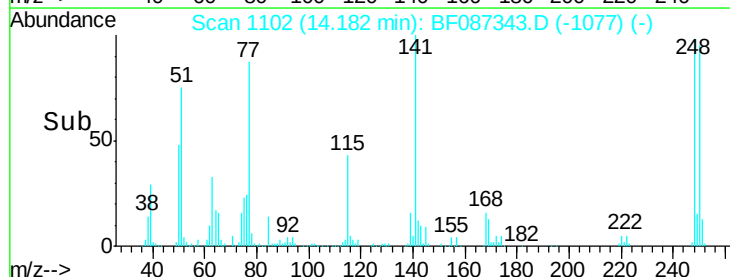
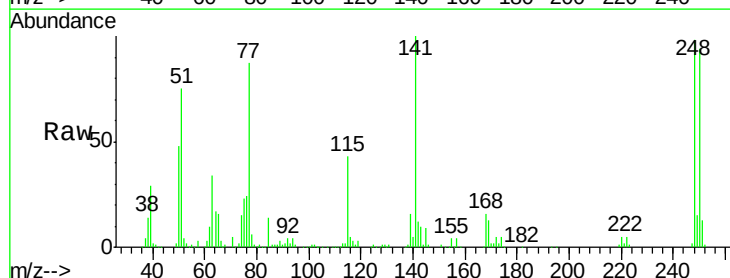
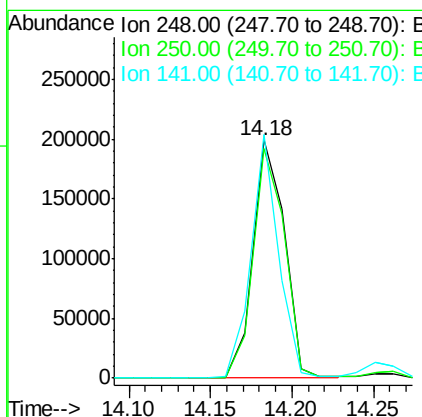
RT: 14.18 min Scan# 1102

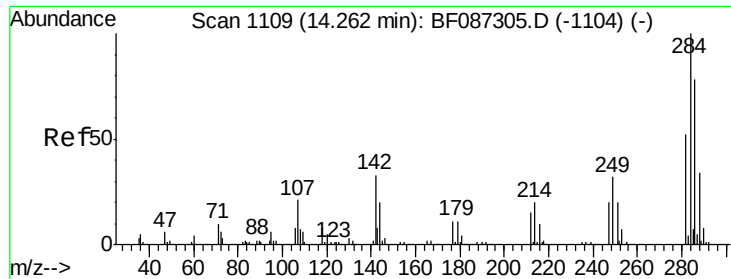
Delta R.T. -0.01 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt	Ion:248	Resp:	267336
Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.6	117.8
141	102.3	76.0	114.0





#67

Hexachlorobenzene

Concen: 39.71 ng

RT: 14.26 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF087343.D

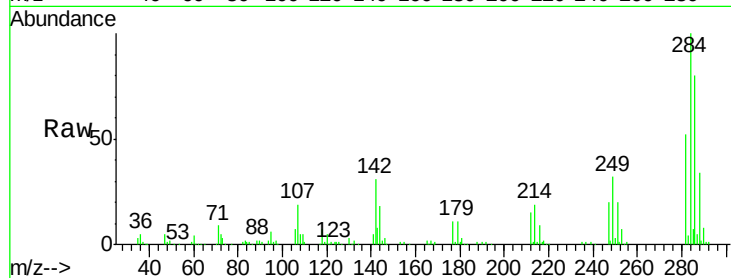
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 284 Resp: 278218

Ion Ratio Lower Upper

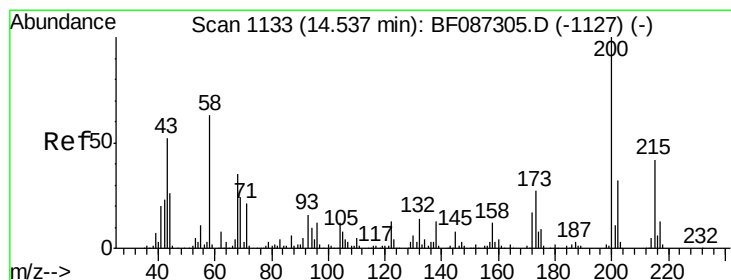
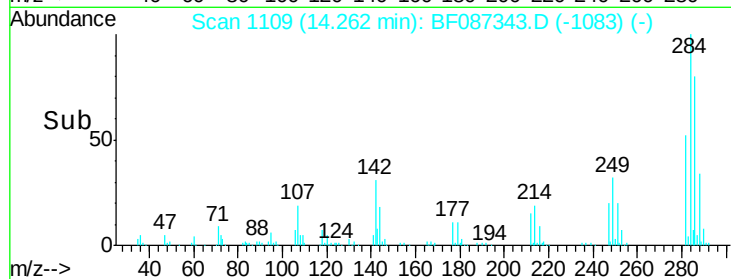
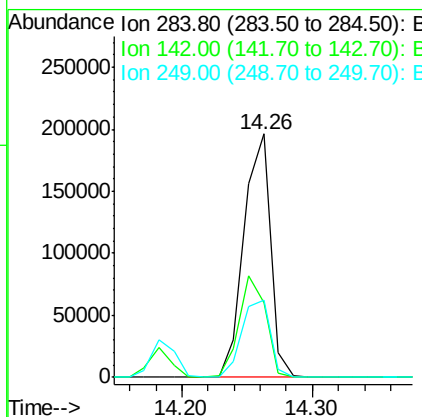
284 100

142 30.5 16.7 25.1#

249 32.0 21.3 31.9#

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#68

Atrazine

Concen: 41.74 ng

RT: 14.54 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

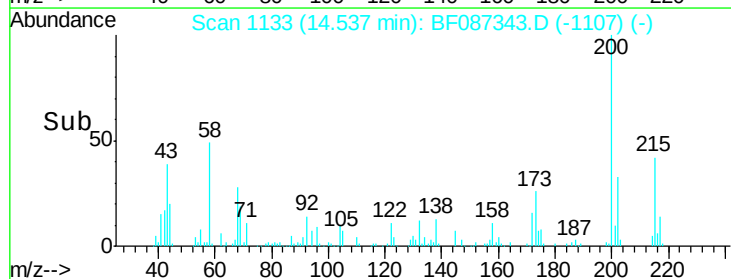
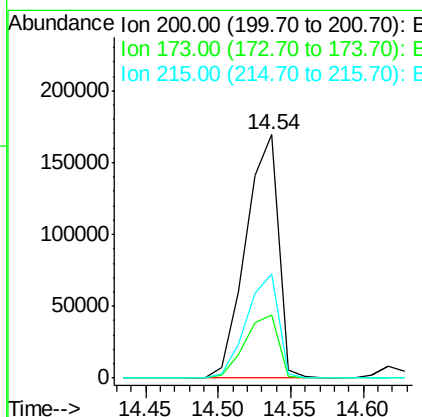
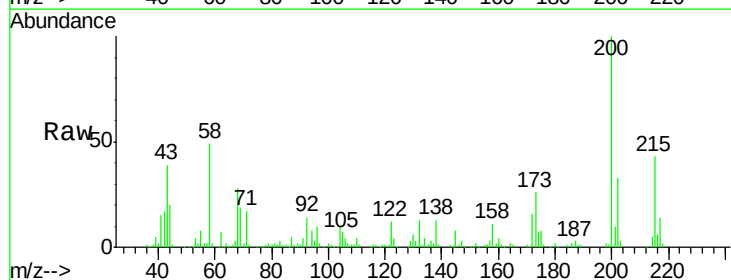
Tgt Ion: 200 Resp: 263507

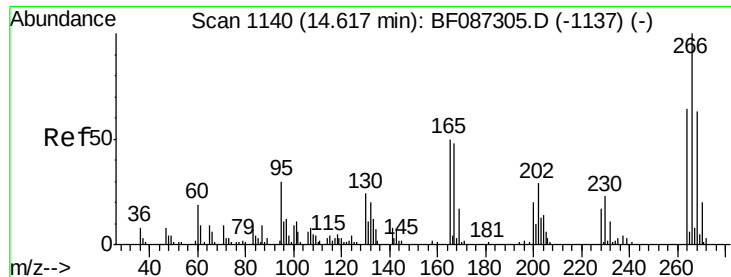
Ion Ratio Lower Upper

200 100

173 26.0 8.5 48.5

215 42.8 27.2 67.2





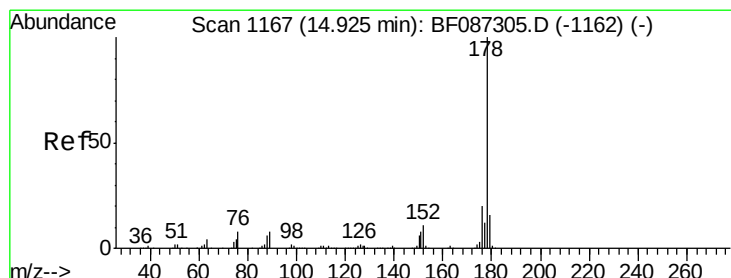
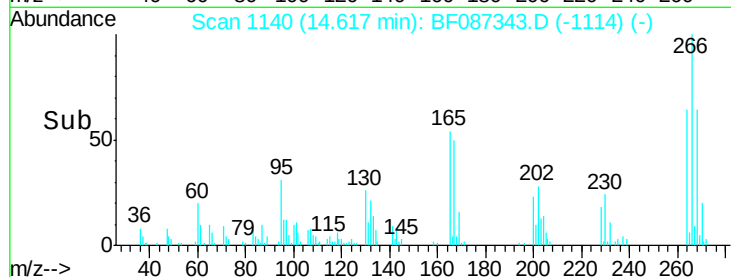
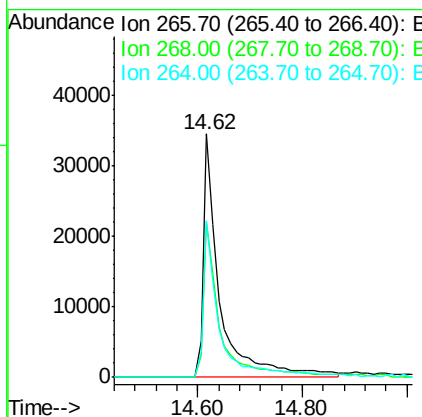
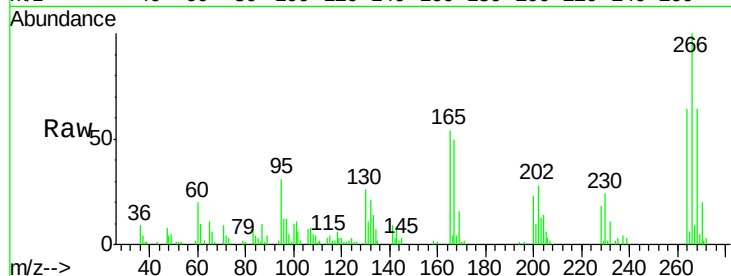
#69
 Pentachlorophenol
 Concen: 38.39 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.5	77.3
264	64.2	52.9	79.3

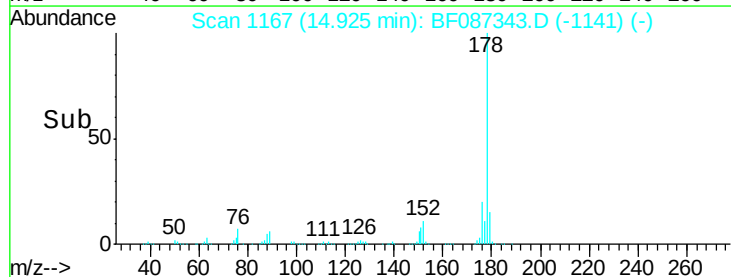
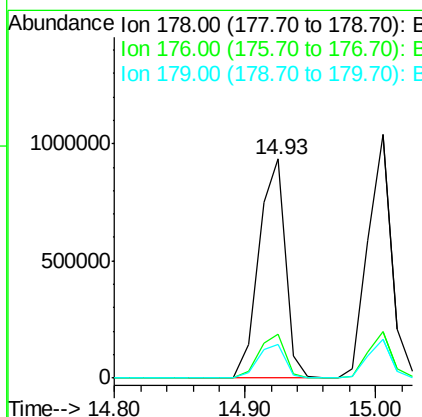
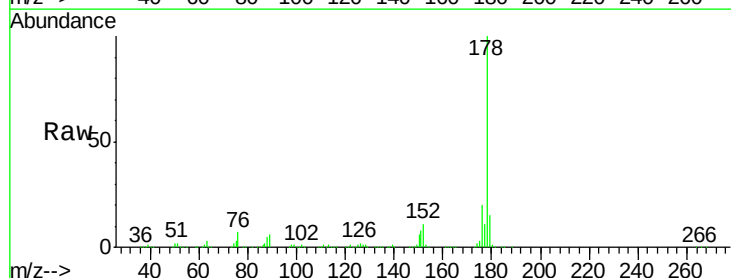
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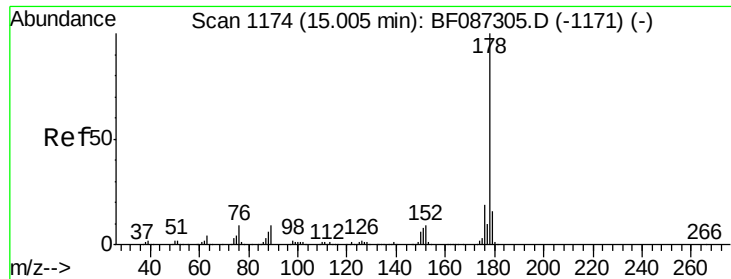
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#70
 Phenanthrene
 Concen: 39.29 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.3	12.6	18.8





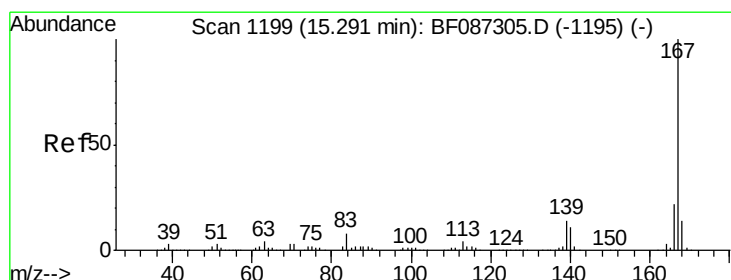
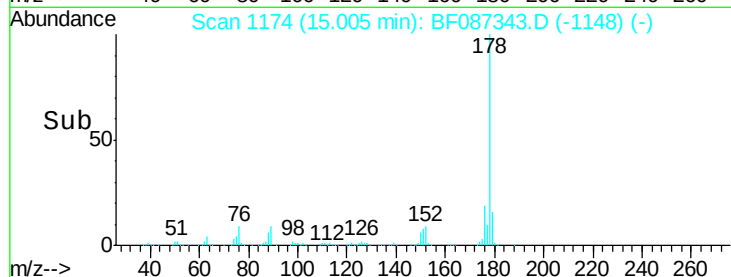
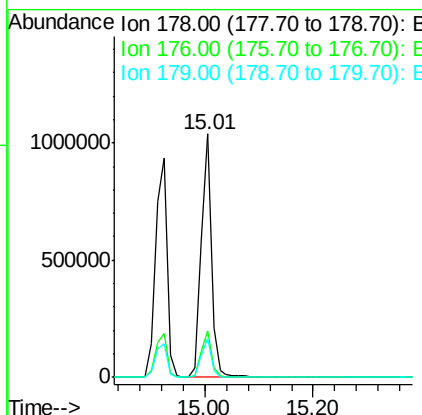
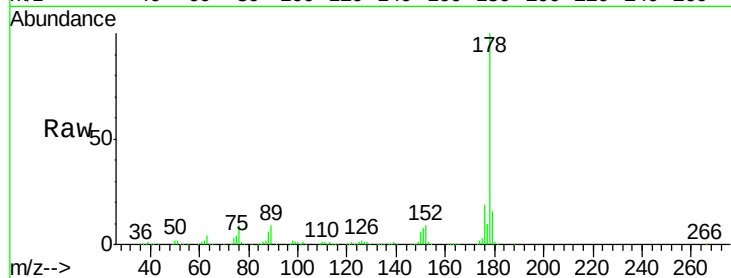
#71
 Anthracene
 Concen: 38.86 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.7	19.1

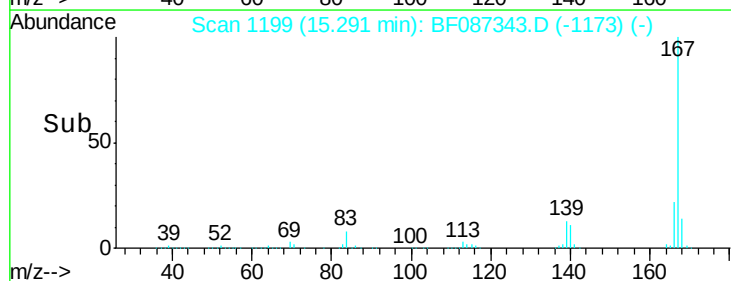
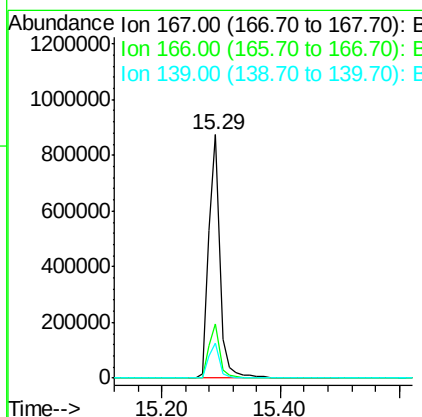
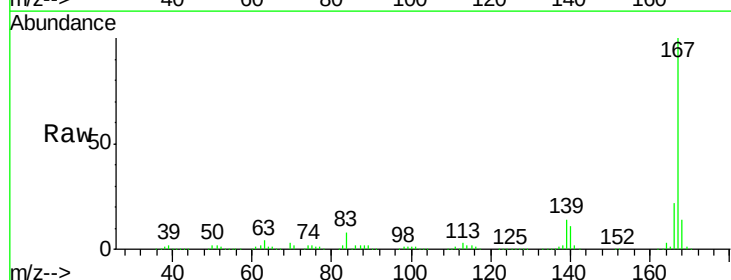
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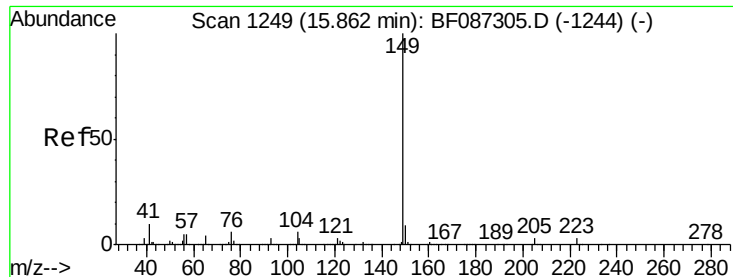
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#72
 Carbazole
 Concen: 39.23 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.66 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1574532

Ion Ratio Lower Upper

149 100

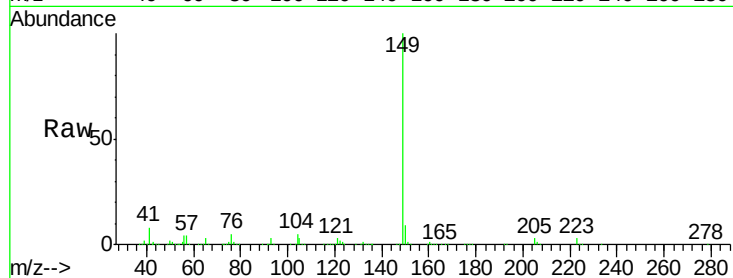
150 9.1 7.6 11.4

104 5.3 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

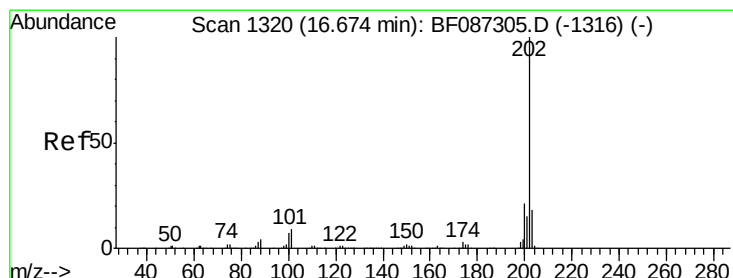
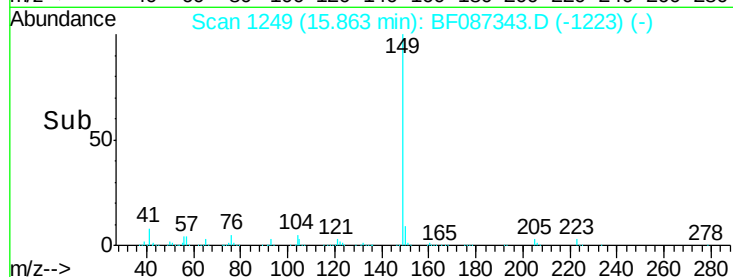
1000000

500000

0

15.86

Time-->



#74

Fluoranthene

Concen: 35.30 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

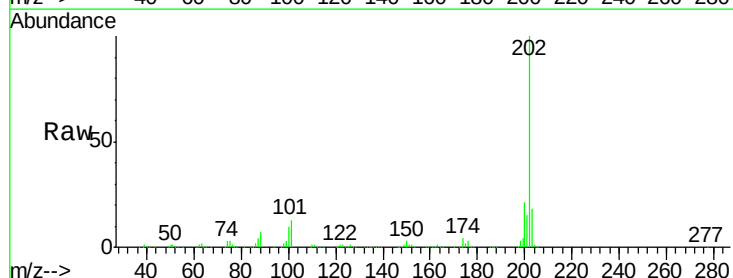
Tgt Ion:202 Resp: 1200824

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.4

203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

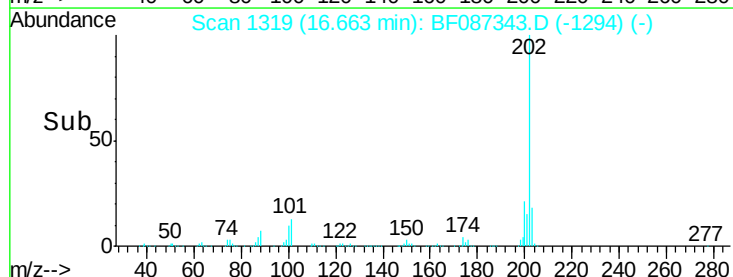
1000000

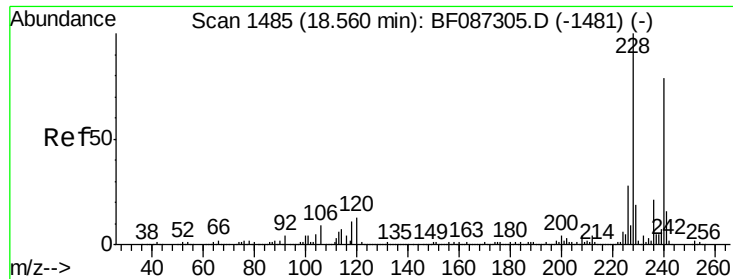
500000

0

16.66

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

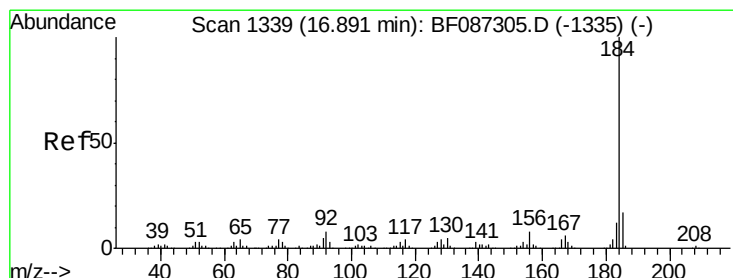
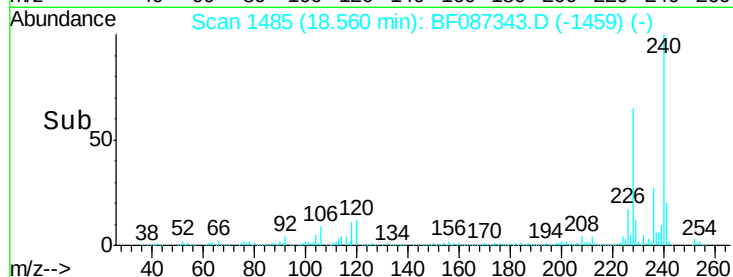
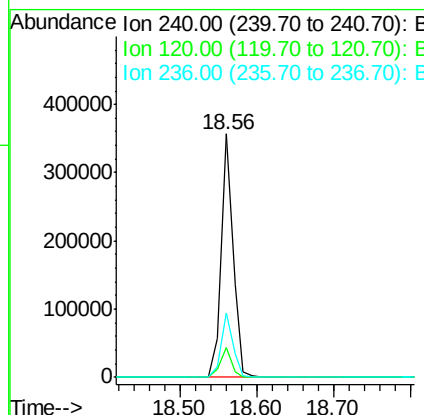
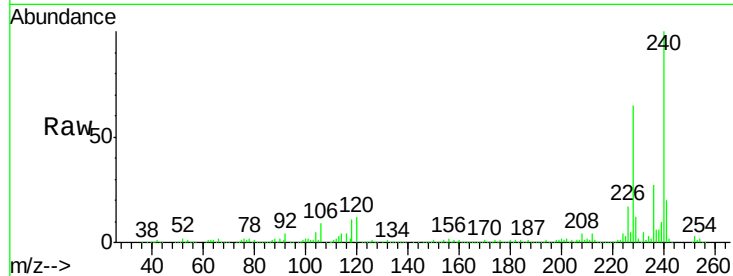
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	388421
Ion Ratio	Lower	Upper	
240	100		
120	12.3	11.2	16.8
236	26.5	21.2	31.8

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#76

Benzidine

Concen: 36.20 ng

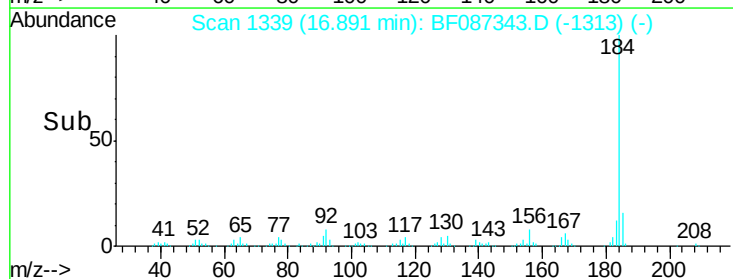
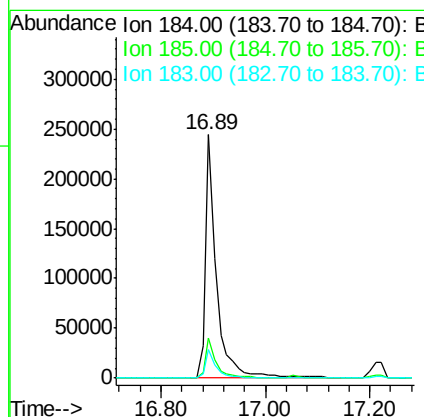
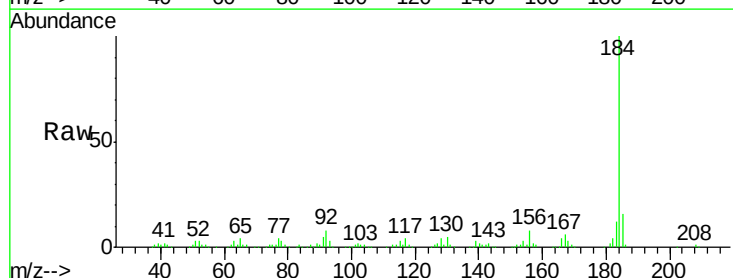
RT: 16.89 min Scan# 1339

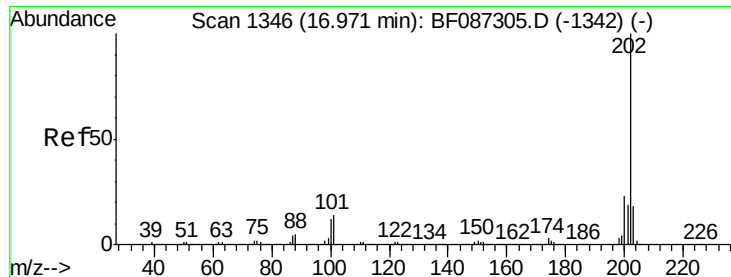
Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion:	184	Resp:	361793
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.6	20.4
183	11.8	9.8	14.6





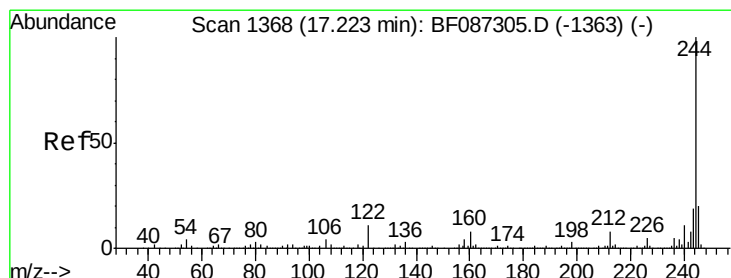
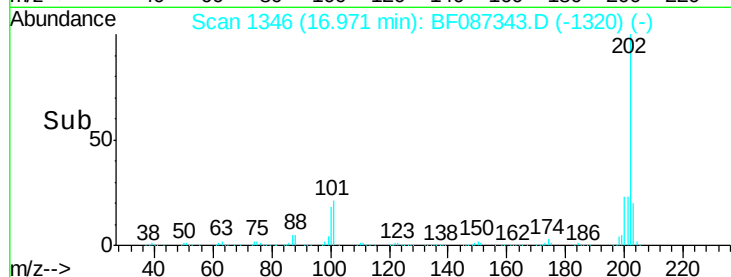
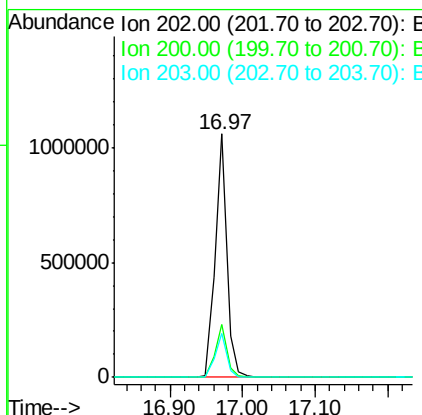
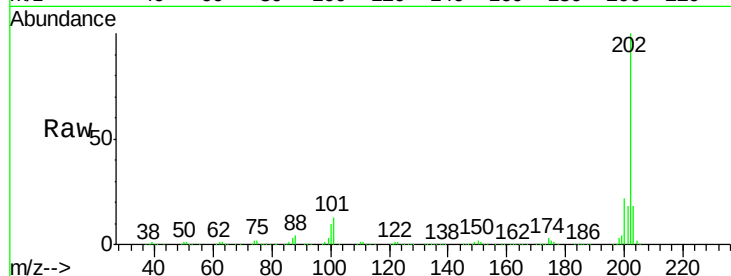
#77
 Pyrene
 Concen: 42.31 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

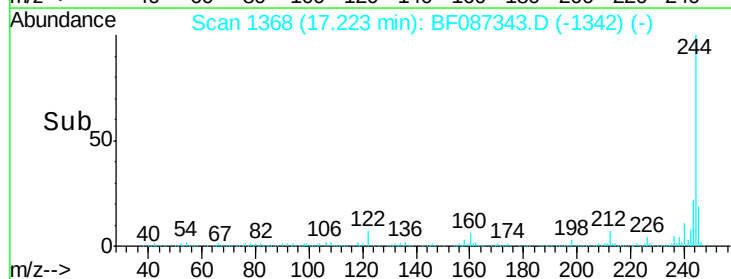
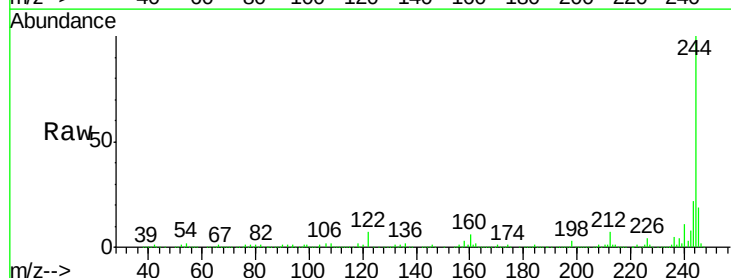
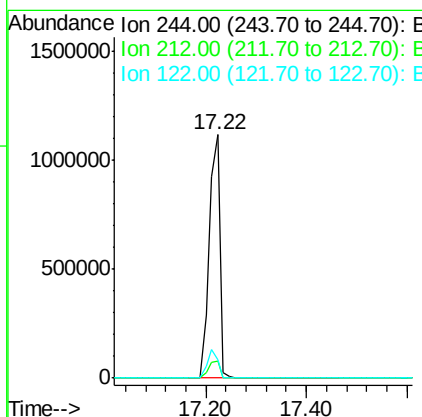
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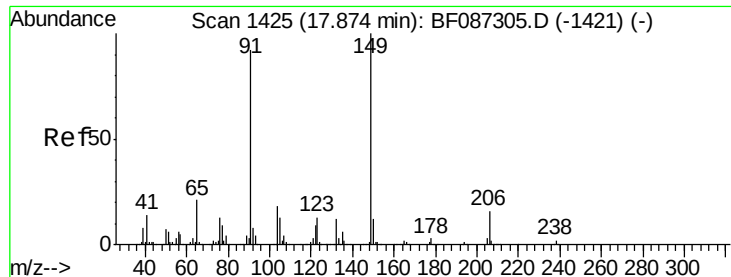
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#78
 Terphenyl-d14
 Concen: 89.61 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	7.3	12.0	18.0





#79

Butylbenzylphthalate

Concen: 45.46 ng

RT: 17.87 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF087343.D

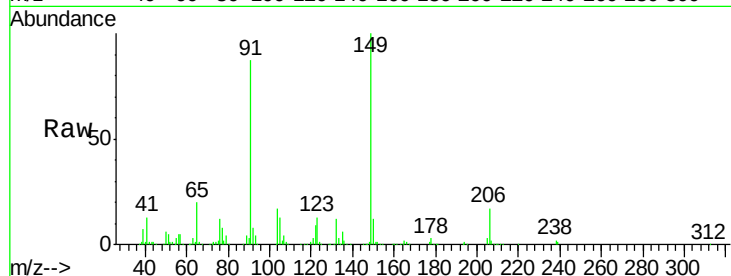
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 563616

Ion Ratio Lower Upper

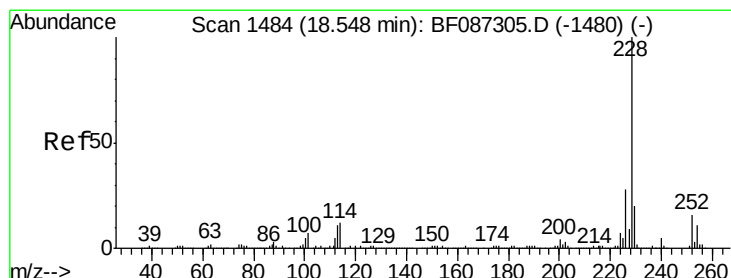
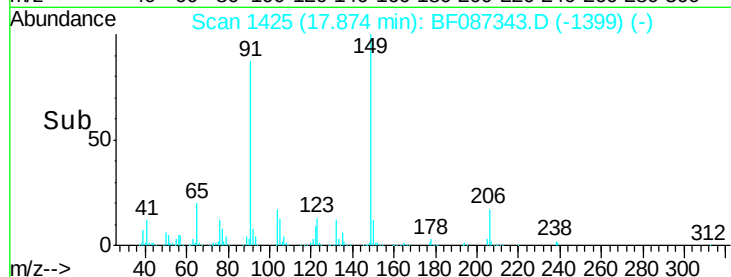
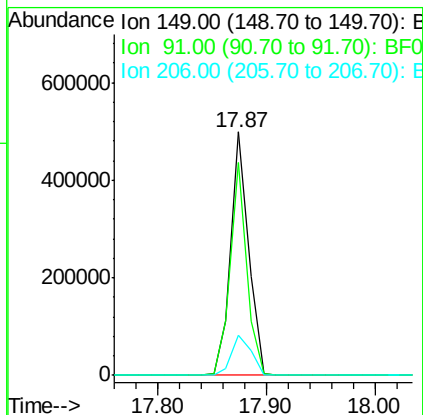
149 100

91 87.3 48.0 72.0#

206 16.5 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 38.91 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

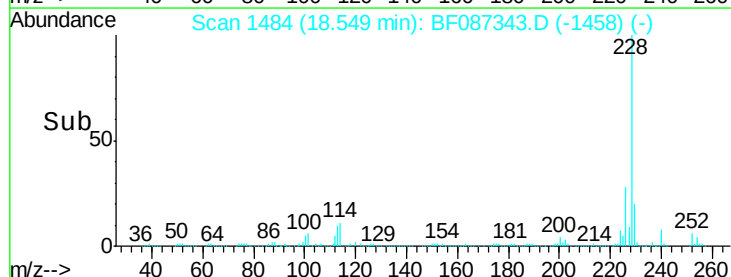
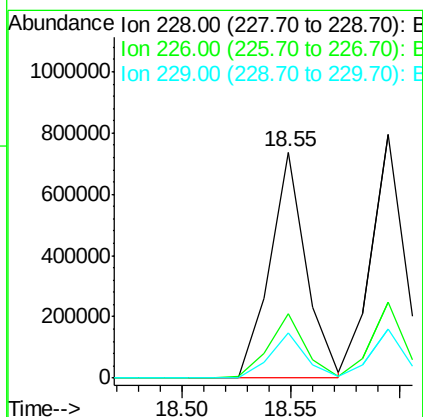
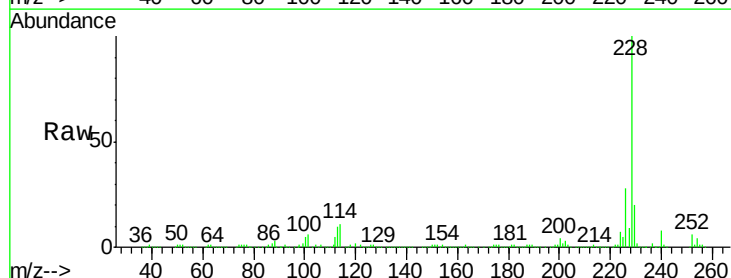
Tgt Ion:228 Resp: 859623

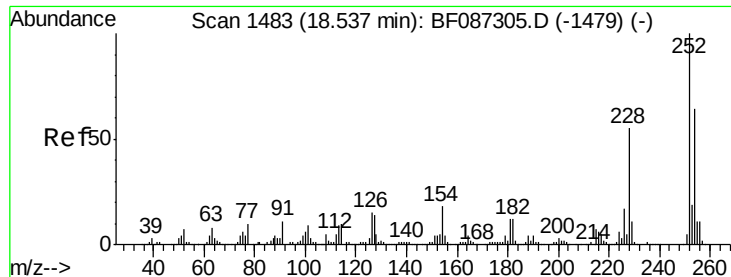
Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

229 19.9 16.6 25.0





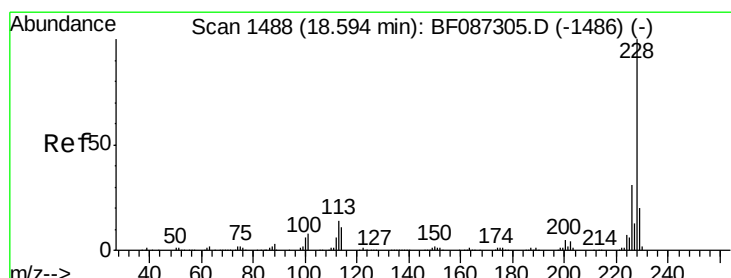
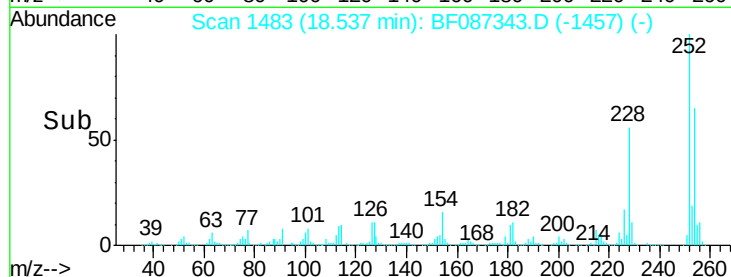
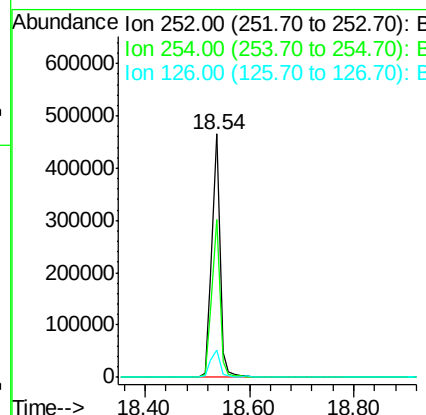
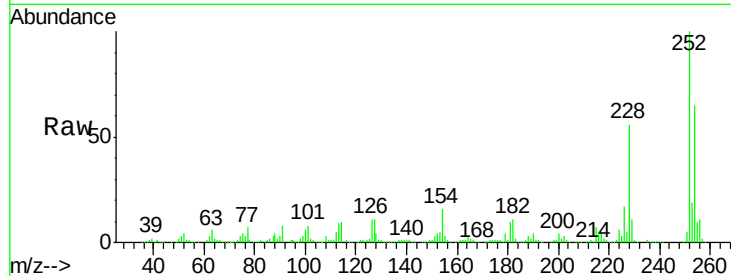
#81
 3,3'-Dichlorobenzidine
 Concen: 41.86 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	11.3	12.7	19.1

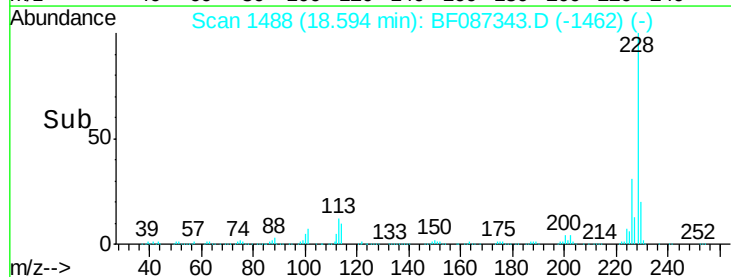
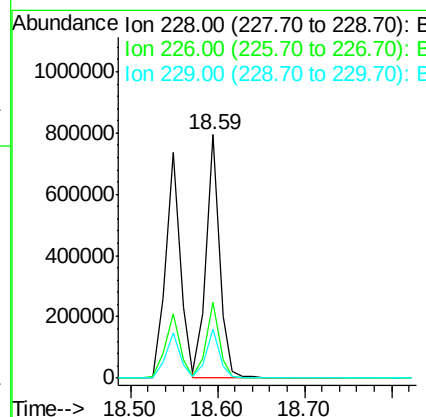
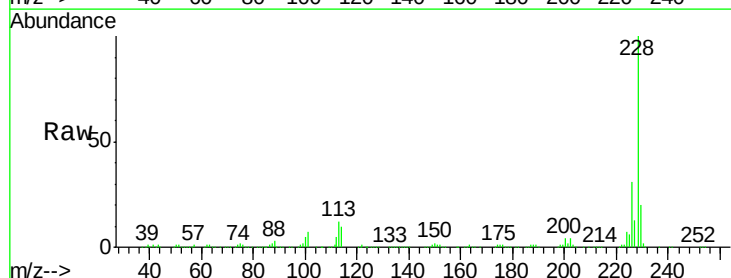
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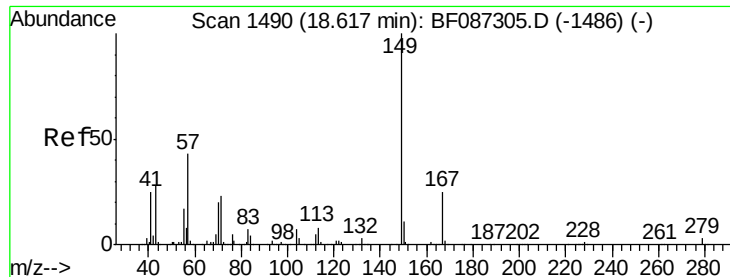
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#82
 Chrysene
 Concen: 38.95 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.0	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.97 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087343.D

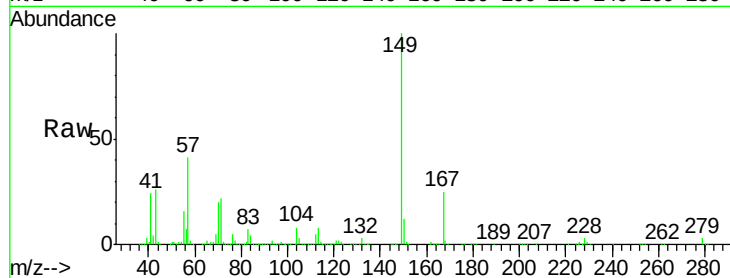
Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

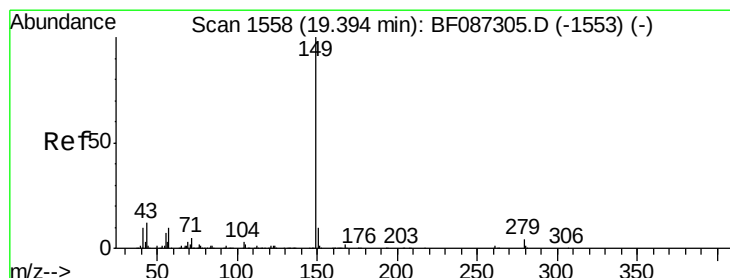
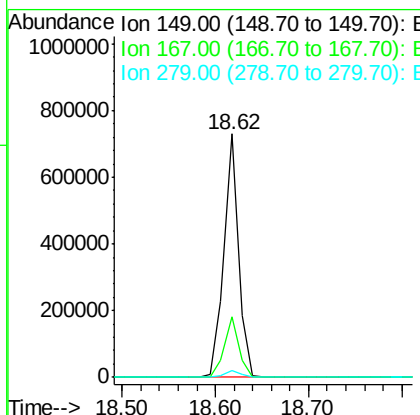
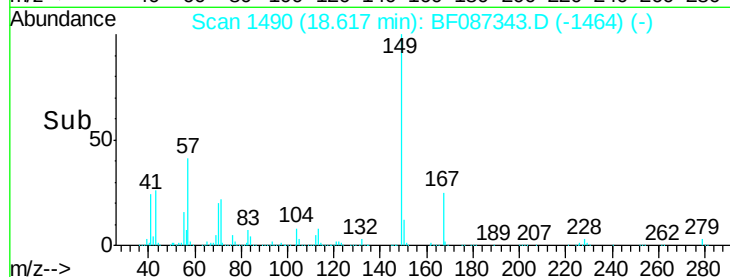
SSTDCCC040EC



Tgt Ion:	149	Resp:	795592
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.8	32.6
279	2.6	2.6	4.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 42.50 ng

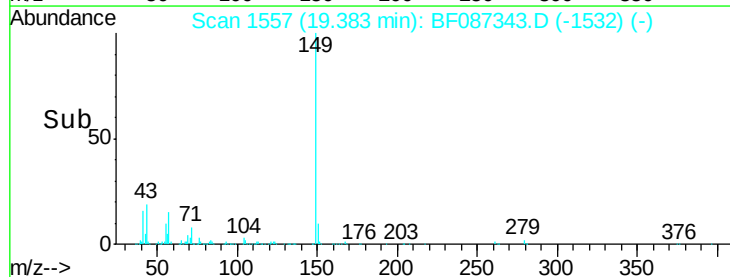
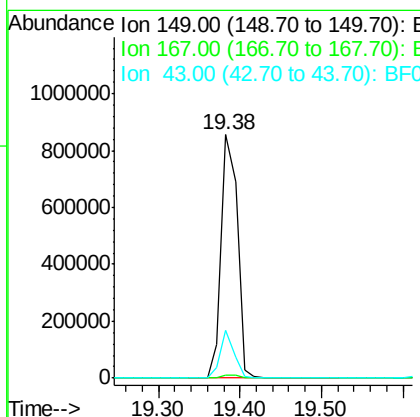
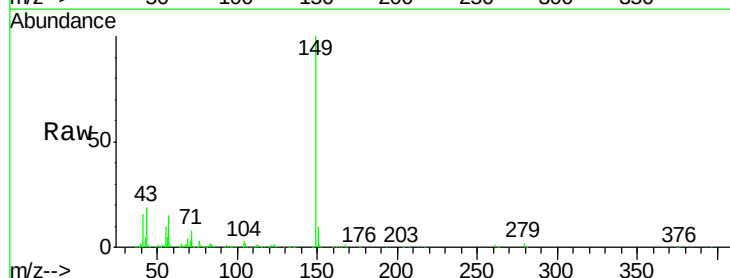
RT: 19.38 min Scan# 1557

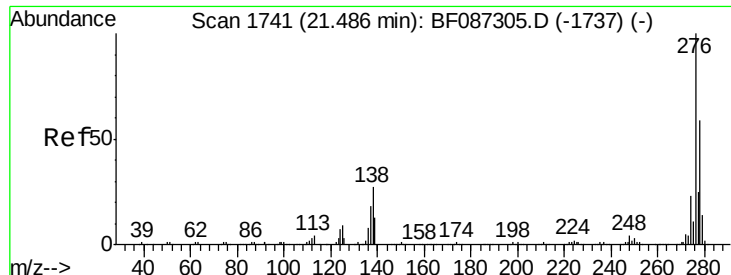
Delta R.T. -0.01 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Tgt Ion:	149	Resp:	1172758
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.6	8.2	12.4#





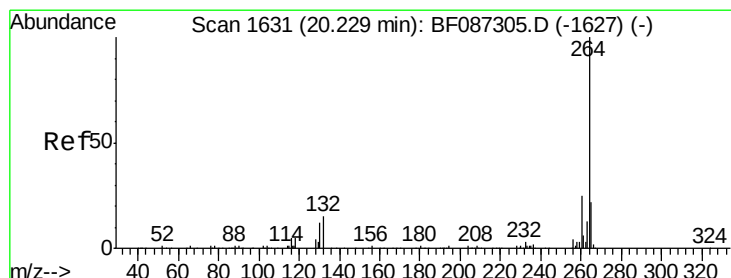
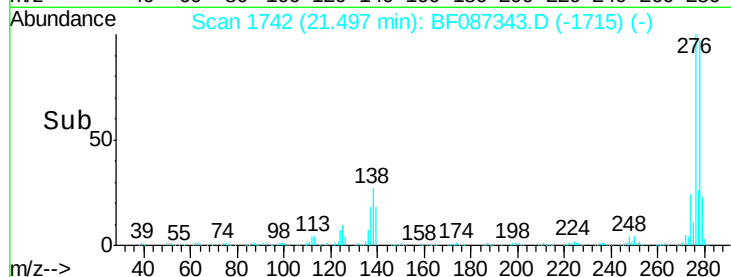
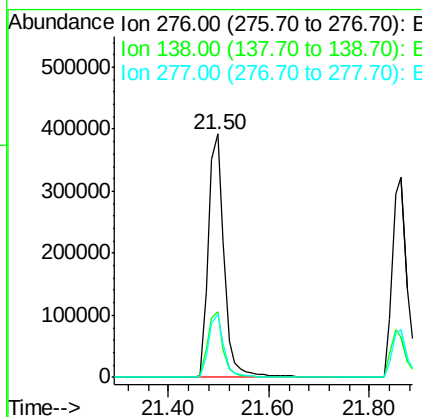
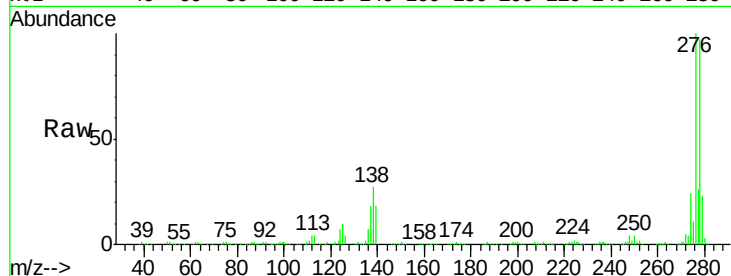
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.57 ng
 RT: 21.50 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	25.3	20.5	30.7

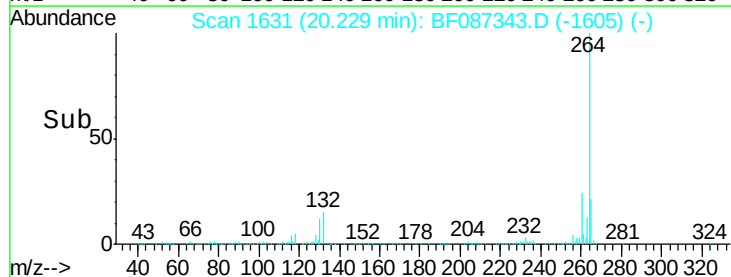
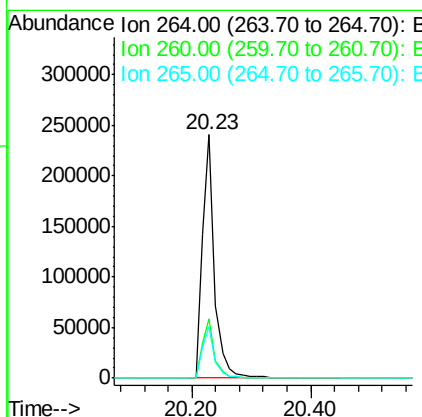
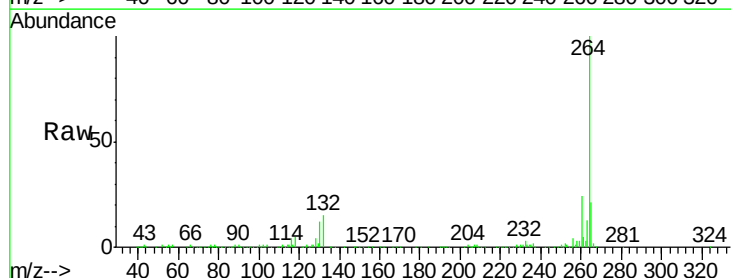
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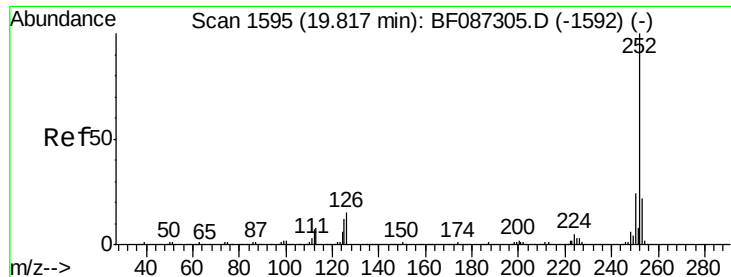
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.61 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087343.D

Acq: 24 May 2016 15:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 252 Resp: 938157
Ion Ratio Lower Upper

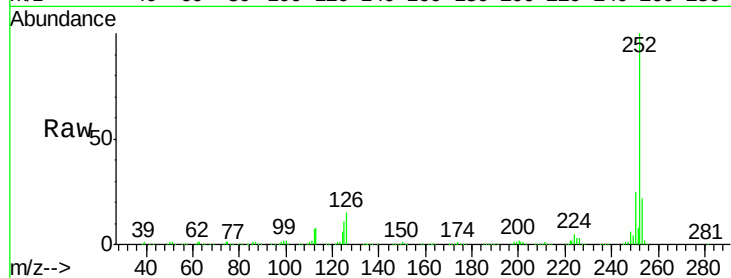
252 100

253 22.5 17.8 26.6

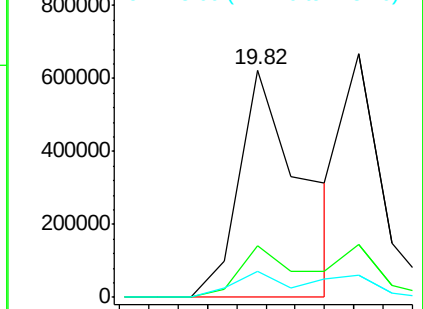
125 11.2 11.4 17.0#

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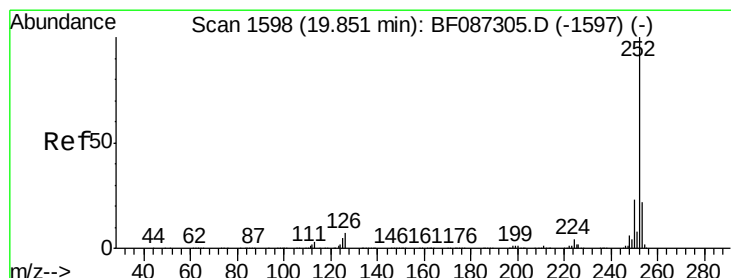
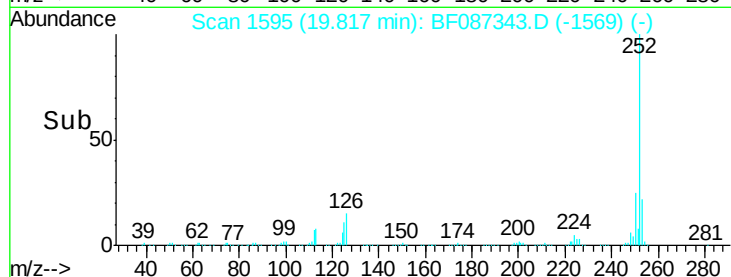
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 32.64 ng m

RT: 19.85 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF087343.D

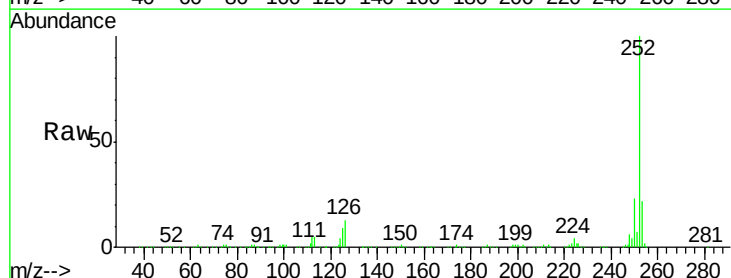
Acq: 24 May 2016 15:41

Tgt Ion: 252 Resp: 618521
Ion Ratio Lower Upper

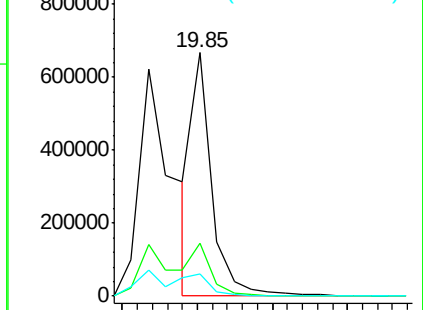
252 100

253 21.9 17.8 26.6

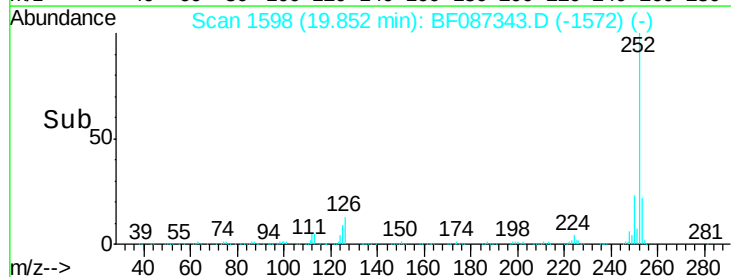
125 8.9 9.1 13.7#

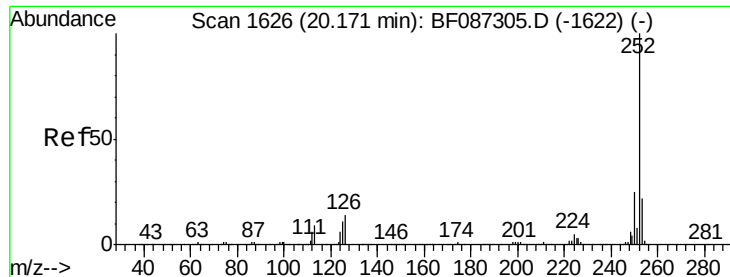


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





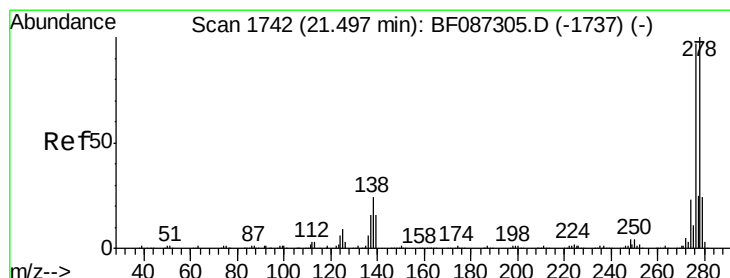
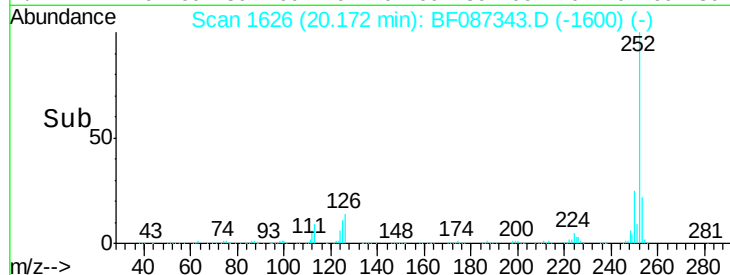
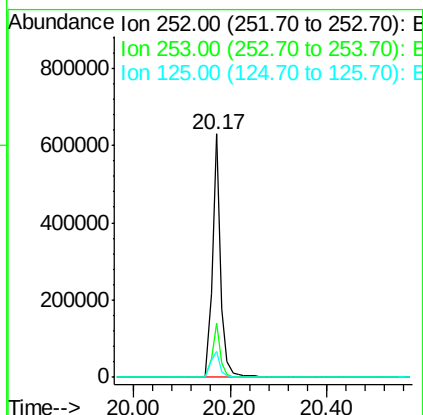
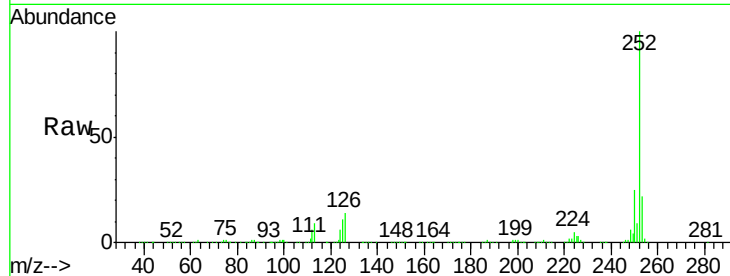
#89
Benzo(a)pyrene
Concen: 39.68 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.6	9.0	13.6

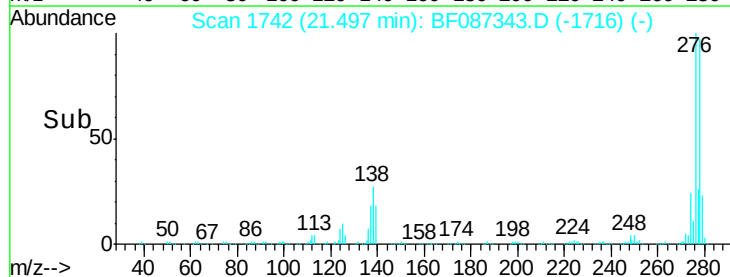
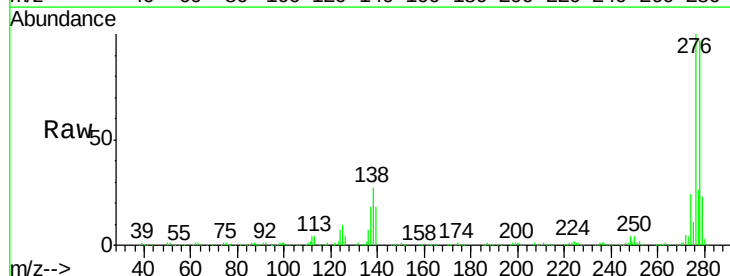
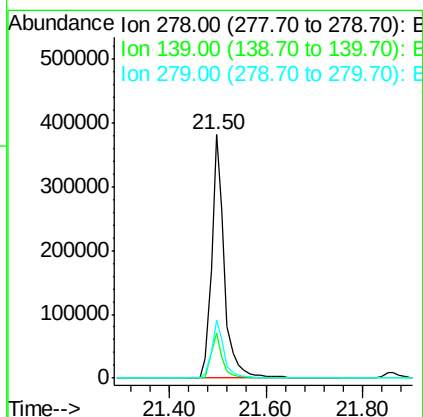
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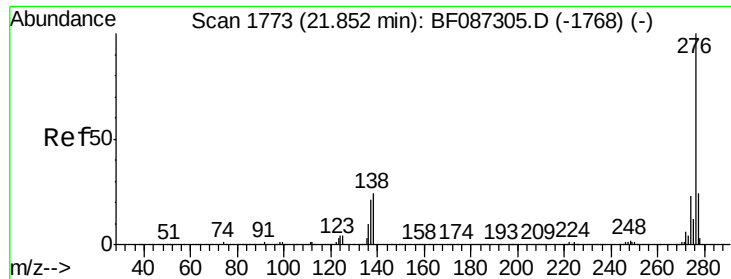
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#90
Dibenzo(a,h)anthracene
Concen: 43.79 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087343.D
Acq: 24 May 2016 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.6	24.8
279	23.9	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 43.80 ng
 RT: 21.86 min Scan# 1774
 Delta R.T. 0.01 min
 Lab File: BF087343.D
 Acq: 24 May 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt	Ion	276	Resp:	701965
Ion	Ratio	Lower	Upper	
276	100			
277	23.5	19.6	29.4	
138	19.7	23.6	35.4	

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