

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087498.D
 Acq On : 29 May 2016 1:47
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 5/31/2016 7:39:26 PM

Quant Time: May 30 04:11:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	183071	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	748745	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	341323	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	648975	20.00	ng	0.00
75) Chrysene-d12	18.43	240	450226	20.00	ng	0.00
86) Perylene-d12	20.10	264	365723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	910073	87.35	ng	0.01
7) Phenol-d6	7.04	99	1164647	82.73	ng	0.00
23) Nitrobenzene-d5	8.40	82	1252009	84.27	ng	0.00
41) 2,4,6-Tribromophenol	13.63	330	274221	83.60	ng	0.00
44) 2-Fluorobiphenyl	11.29	172	1909347	78.86	ng	0.00
78) Terphenyl-d14	17.09	244	1902218	89.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	190207	34.60	ng	# 73
3) Pyridine	2.34	79	466454	38.81	ng	# 65
4) n-Nitrosodimethylamine	2.33	42	397449	42.92	ng	# 45
6) Aniline	6.98	93	757617	41.60	ng	94
8) 2-Chlorophenol	7.15	128	523270	40.27	ng	88
9) Benzaldehyde	6.79	77	316607	40.73	ng	97
10) Phenol	7.06	94	647990	42.15	ng	83
11) bis(2-Chloroethyl)ether	7.12	93	485707	39.04	ng	84
12) 1,3-Dichlorobenzene	7.37	146	553078	39.03	ng	# 96
13) 1,4-Dichlorobenzene	7.50	146	571567	39.29	ng	94
14) 1,2-Dichlorobenzene	7.72	146	531433	39.49	ng	96
15) Benzyl Alcohol	7.78	79	463686	45.18	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1056715	37.75	ng	87
17) 2-Methylphenol	8.00	107	427673	41.07	ng	# 90
18) Hexachloroethane	8.24	117	219220	40.39	ng	99
19) n-Nitroso-di-n-propylamine	8.20	70	428457	40.81	ng	# 69
20) 3+4-Methylphenols	8.26	107	558937	44.40	ng	# 60
22) Acetophenone	8.17	105	739966	41.37	ng	# 97
24) Nitrobenzene	8.43	77	649779	41.43	ng	96
25) Isophorone	8.83	82	1083673	40.67	ng	# 98
26) 2-Nitrophenol	8.92	139	266272	41.54	ng	# 63
27) 2,4-Dimethylphenol	9.07	122	449642	40.41	ng	# 85
28) bis(2-Chloroethoxy)methane	9.20	93	571544	38.08	ng	98
29) 2,4-Dichlorophenol	9.35	162	414832	41.36	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	454589	39.60	ng	96
31) Naphthalene	9.54	128	1503441	40.07	ng	99
32) Benzoic acid	9.45	122	203836	37.08	ng	# 76
33) 4-Chloroaniline	9.69	127	591433	42.80	ng	97
34) Hexachlorobutadiene	9.75	225	277982	39.83	ng	97
35) Caprolactam	10.38	113	127340m	43.50	ng	
36) 4-Chloro-3-methylphenol	10.56	107	475697	41.96	ng	88
37) 2-Methylnaphthalene	10.66	142	899889	38.39	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	425094	38.91	ng	99
40) Hexachlorocyclopentadiene	10.90	237	102044	29.47	ng	94

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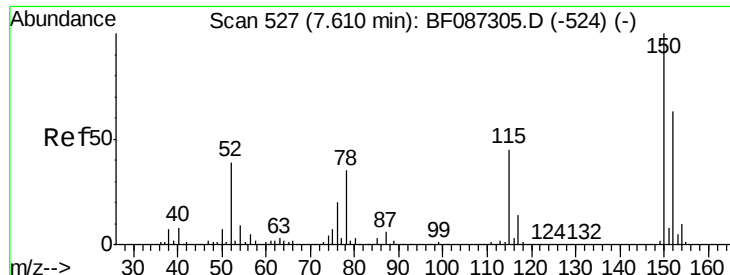
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	265716	42.13	ng	94
43) 2,4,5-Trichlorophenol	11.26	196	255203	39.74	ng #	91
45) 1,1'-Biphenyl	11.44	154	1178033	40.99	ng	97
46) 2-Chloronaphthalene	11.45	162	858399	39.04	ng	93
47) 2-Nitroaniline	11.68	65	358815	45.30	ng #	81
48) Acenaphthylene	12.10	152	1331502	38.25	ng	99
49) Dimethylphthalate	12.00	163	1098041	40.16	ng	99
50) 2,6-Dinitrotoluene	12.09	165	209471	38.02	ng #	56
51) Acenaphthene	12.39	154	823660	38.50	ng	98
52) 3-Nitroaniline	12.37	138	256613	45.38	ng	94
53) 2,4-Dinitrophenol	12.57	184	89707	35.76	ng #	83
54) Dibenzofuran	12.67	168	1147556	39.62	ng	95
55) 4-Nitrophenol	12.77	139	103313	38.30	ng #	49
56) 2,4-Dinitrotoluene	12.75	165	314259	42.68	ng	95
57) Fluorene	13.22	166	1007729	40.12	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.91	232	207363	41.97	ng	98
59) Diethylphthalate	13.14	149	1044725	39.30	ng	99
60) 4-Chlorophenyl-phenylether	13.26	204	484766	39.58	ng	90
61) 4-Nitroaniline	13.37	138	223310	42.31	ng #	63
62) Azobenzene	13.51	77	1149156	41.67	ng	85
64) 4,6-Dinitro-2-methylphenol	13.43	198	157100	38.07	ng #	84
65) n-Nitrosodiphenylamine	13.47	169	801175	38.17	ng	98
66) 4-Bromophenyl-phenylether	14.03	248	275390	38.79	ng	93
67) Hexachlorobenzene	14.11	284	290942	39.18	ng #	84
68) Atrazine	14.40	200	221229	33.07	ng	93
69) Pentachlorophenol	14.48	266	89667	42.03	ng	97
70) Phenanthrene	14.78	178	1441731	40.11	ng	99
71) Anthracene	14.86	178	1426518	39.28	ng	100
72) Carbazole	15.15	167	1255412	40.53	ng	99
73) Di-n-butylphthalate	15.73	149	1535423	38.33	ng #	98
74) Fluoranthene	16.54	202	1416974	39.31	ng	95
76) Benzidine	16.77	184	549393	47.42	ng	97
77) Pyrene	16.83	202	1404916	43.35	ng	99
79) Butylbenzylphthalate	17.75	149	628963	43.76	ng #	67
80) Benzo(a)anthracene	18.42	228	1024485	40.00	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	561103	39.66	ng	98
82) Chrysene	18.47	228	994600	39.13	ng	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	846582	40.37	ng #	95
84) Di-n-octyl phthalate	19.27	149	1229291	38.44	ng #	83
85) Indeno(1,2,3-cd)pyrene	21.33	276	947467	46.50	ng	94
87) Benzo(b)fluoranthene	19.70	252	892440	38.31	ng #	93
88) Benzo(k)fluoranthene	19.73	252	802990m	40.05	ng	
89) Benzo(a)pyrene	20.05	252	792874	39.35	ng	98
90) Dibenzo(a,h)anthracene	21.33	278	801955	46.67	ng #	93
91) Benzo(g,h,i)perylene	21.67	276	800962	47.24	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 152 Resp: 183071

Ion Ratio Lower Upper

152 100

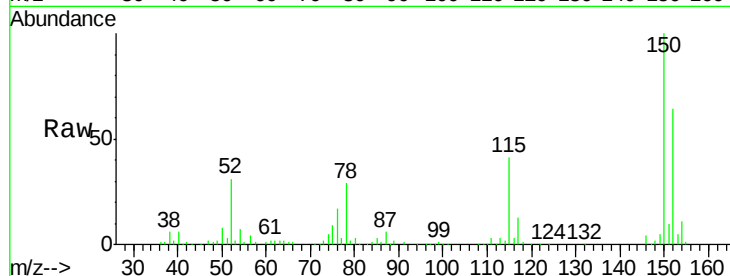
150 156.5 125.8 188.6

115 64.3 51.5 77.3

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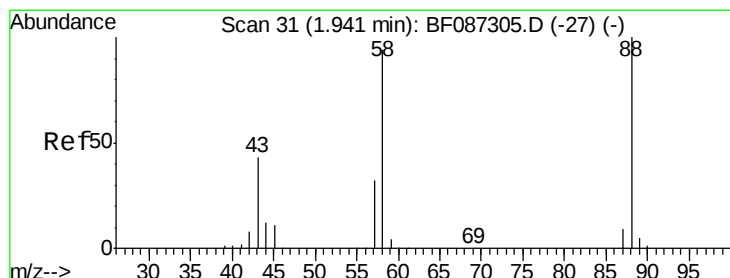
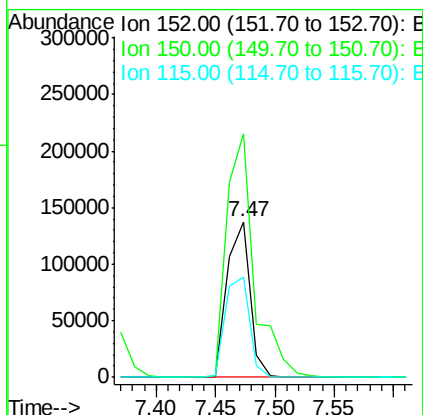
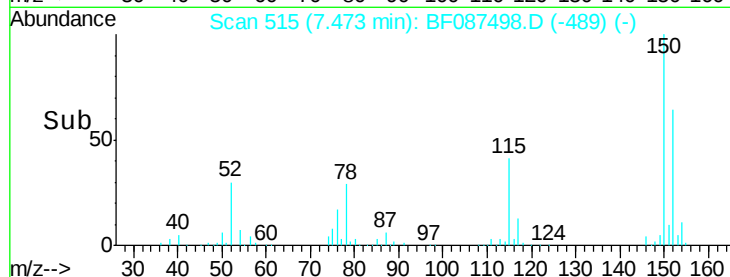
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.60 ng

RT: 1.76 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

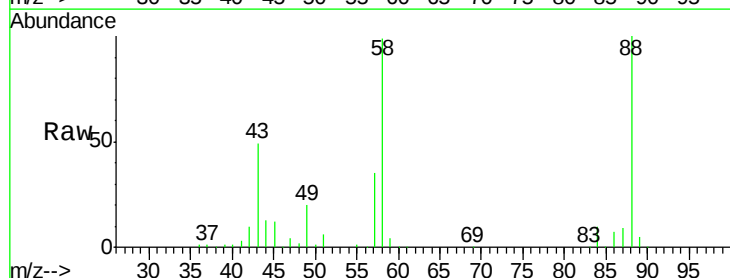
Tgt Ion: 88 Resp: 190207

Ion Ratio Lower Upper

88 100

58 95.3 59.6 89.4#

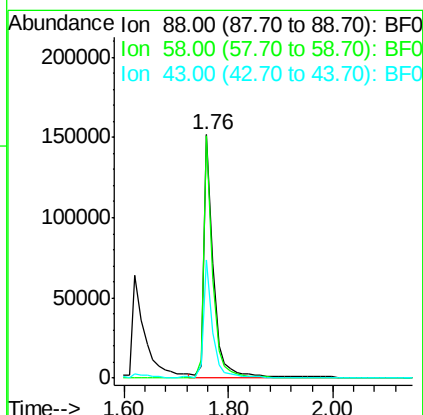
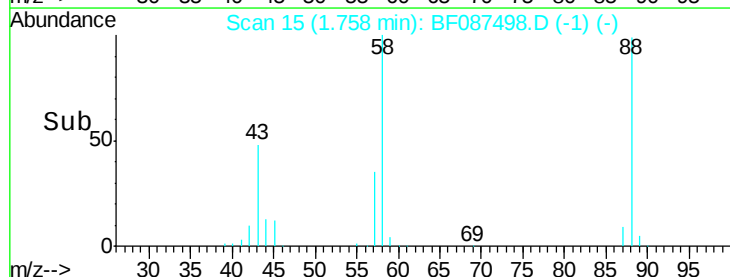
43 45.4 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.81 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

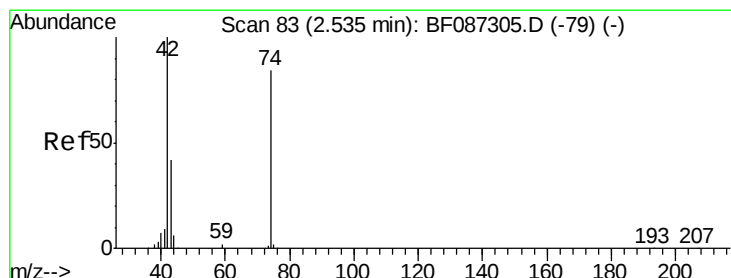
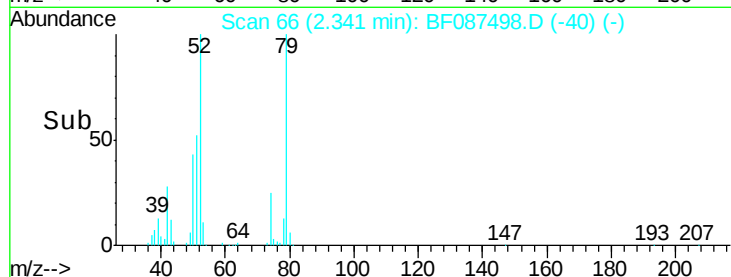
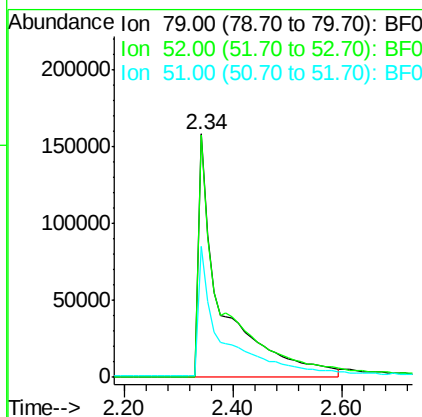
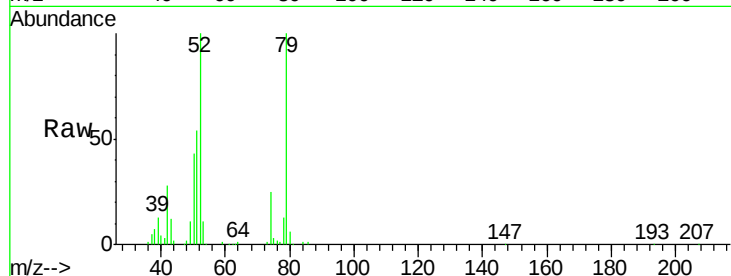
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	79	Resp:	466454
Ion Ratio		Lower	Upper
79	100		
52	99.8	55.9	83.9#
51	53.8	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 42.92 ng

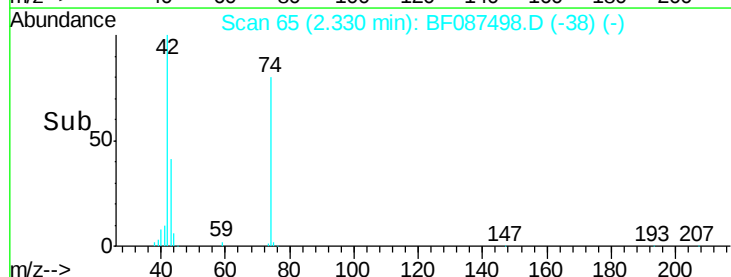
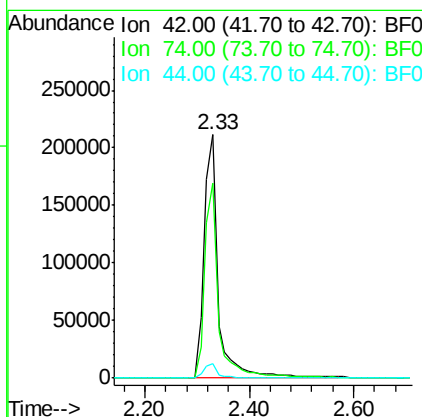
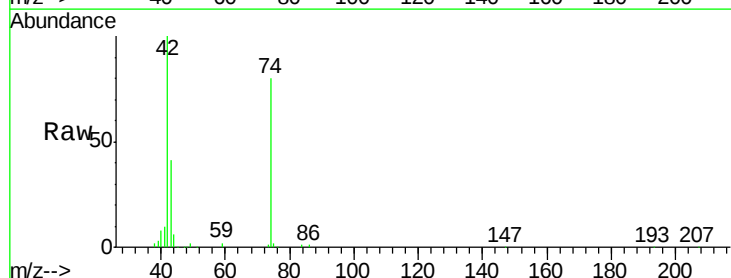
RT: 2.33 min Scan# 65

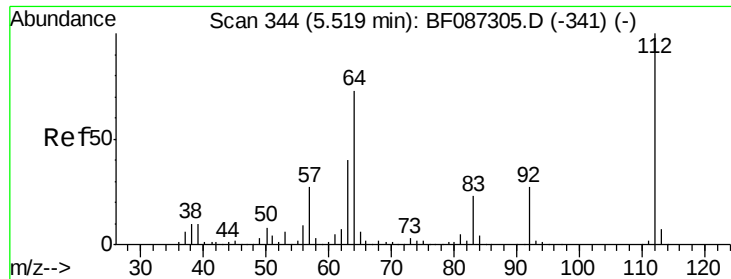
Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion:	42	Resp:	397449
Ion Ratio		Lower	Upper
42	100		
74	80.0	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 87.35 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087498.D

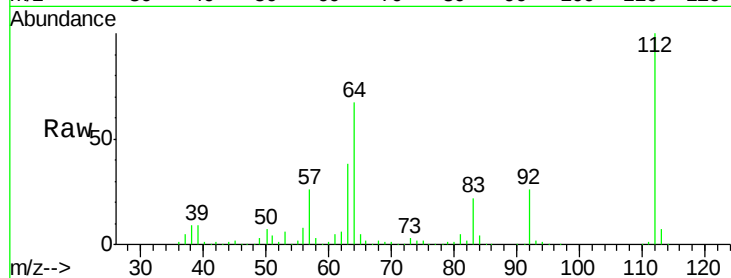
Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

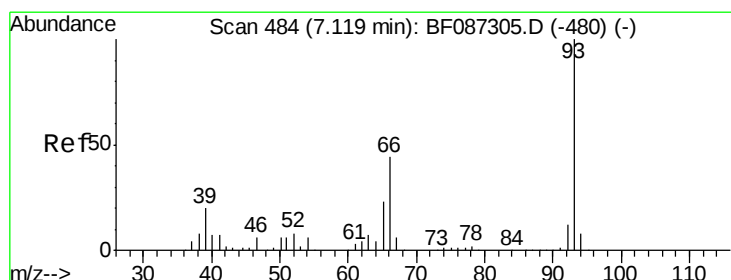
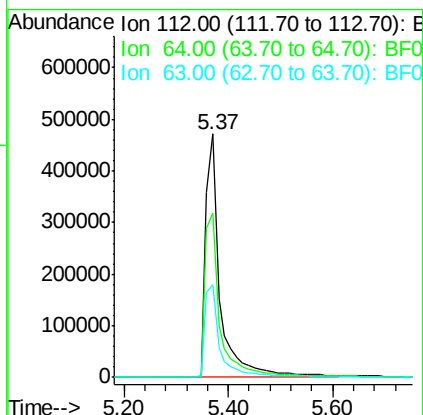
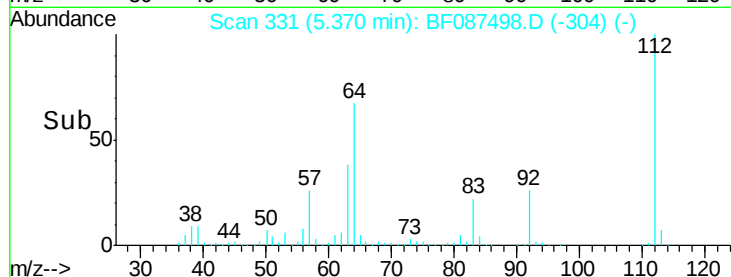
SSTDCCC040EC



Tgt Ion:	112	Resp:	910073
Ion Ratio	Lower	Upper	
112	100		
64	67.4	52.1	78.1
63	38.1	25.7	38.5

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#6

Aniline

Concen: 41.60 ng

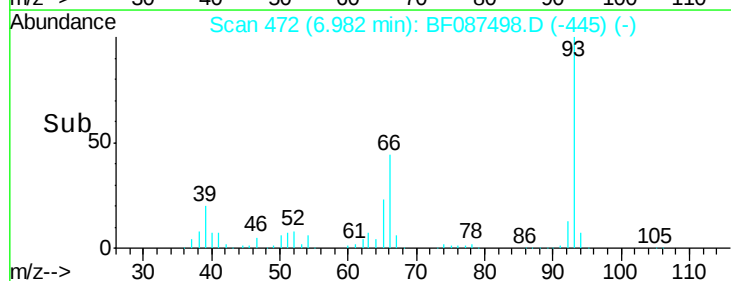
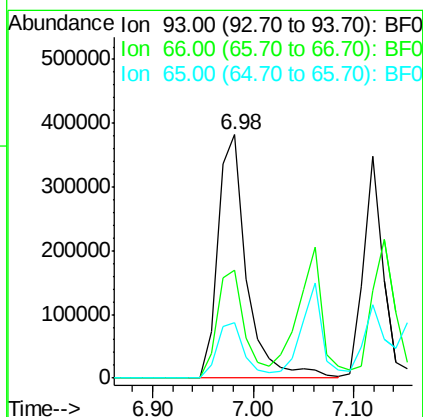
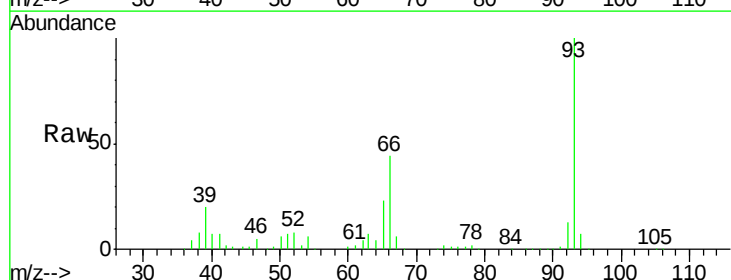
RT: 6.98 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion:	93	Resp:	757617
Ion Ratio	Lower	Upper	
93	100		
66	44.1	39.0	58.6
65	23.0	20.6	31.0





#7

Phenol-d6

Concen: 82.73 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1164647

Ion Ratio Lower Upper

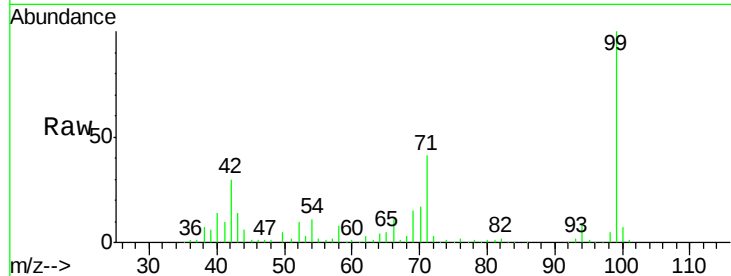
99 100

42 30.2 13.6 20.4#

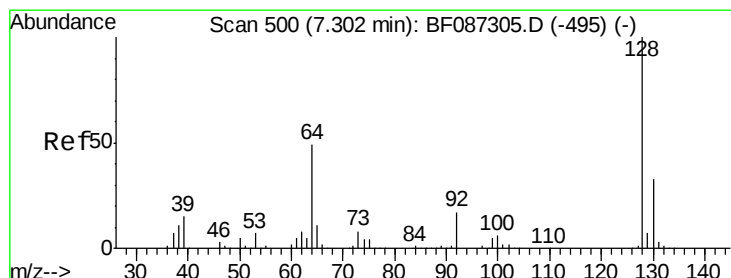
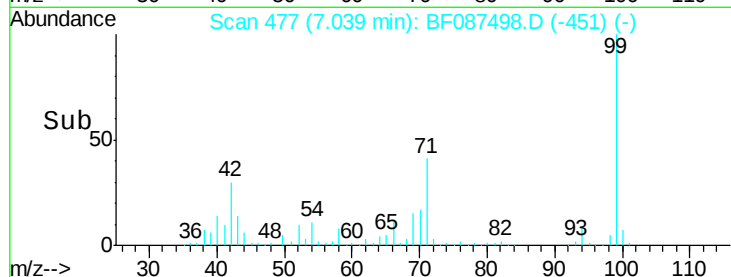
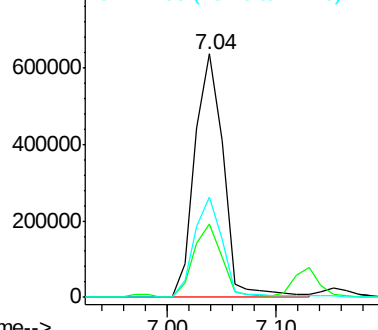
71 41.4 24.6 36.8#

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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: 40.27 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

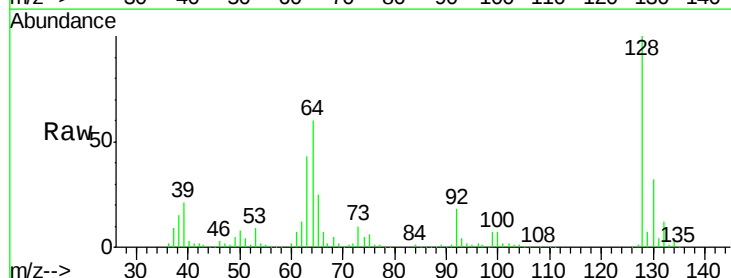
Tgt Ion: 128 Resp: 523270

Ion Ratio Lower Upper

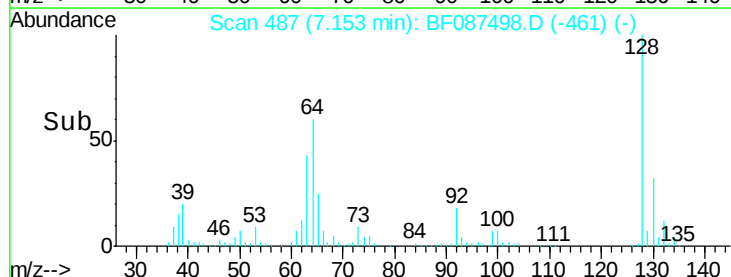
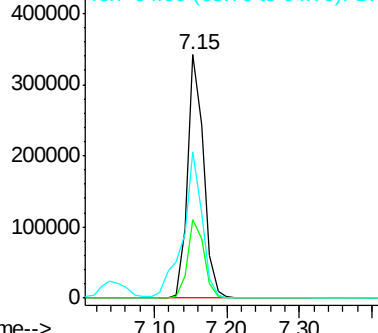
128 100

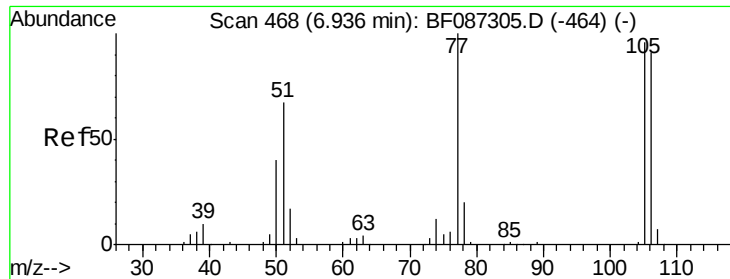
130 32.0 12.5 52.5

64 60.0 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: 40.73 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF087498.D

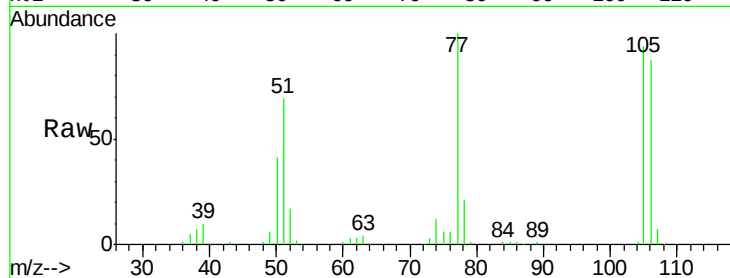
Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 316607

Ion Ratio Lower Upper

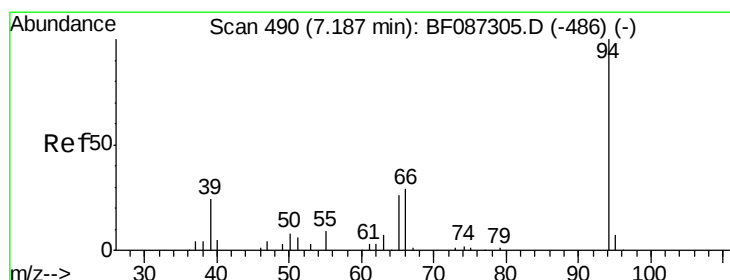
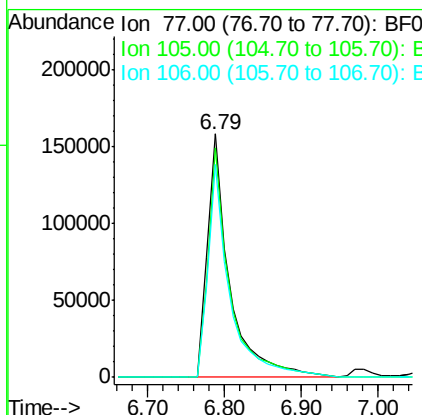
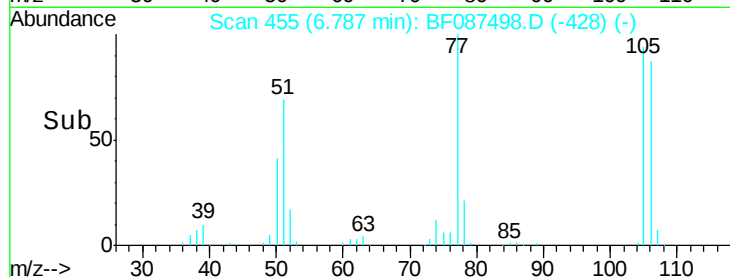
77 100

105 94.3 72.7 112.7

106 87.3 70.8 110.8

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#10

Phenol

Concen: 42.15 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

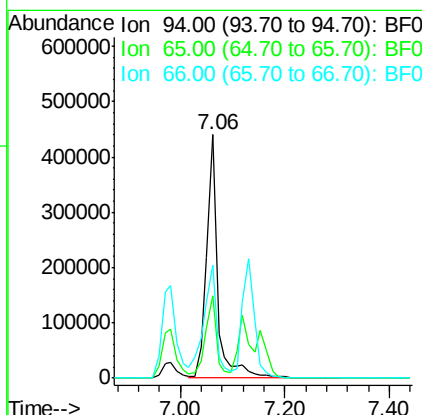
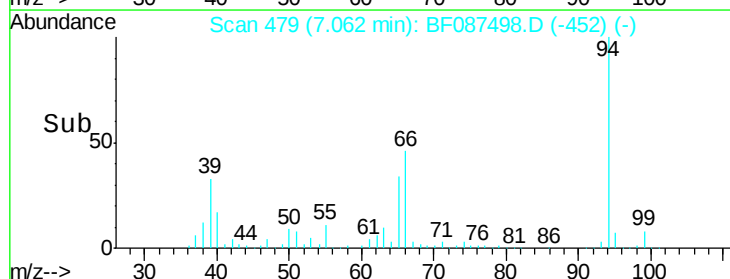
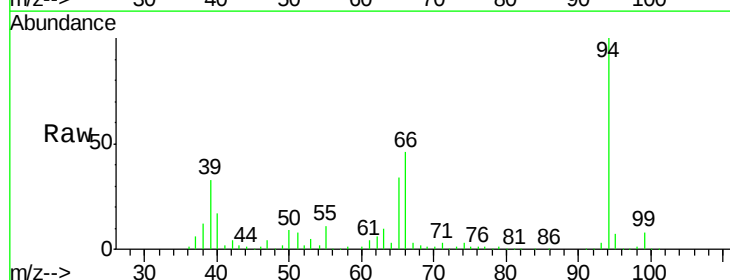
Tgt Ion: 94 Resp: 647990

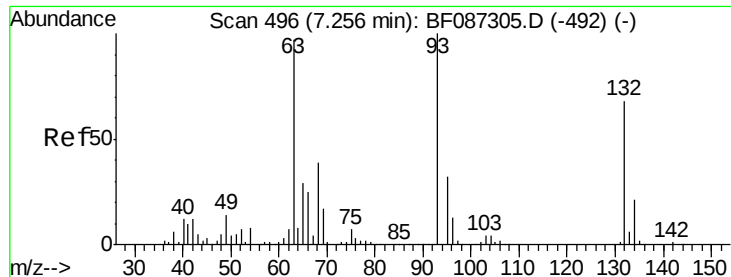
Ion Ratio Lower Upper

94 100

65 34.0 7.2 47.2

66 46.5 14.9 54.9





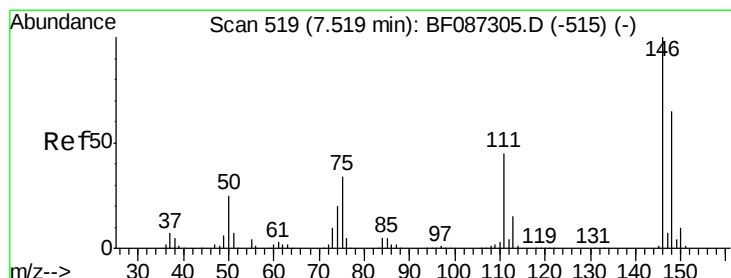
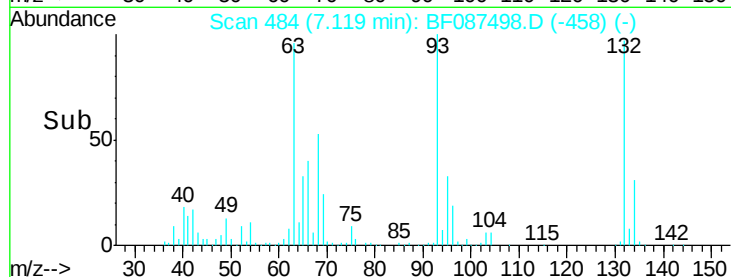
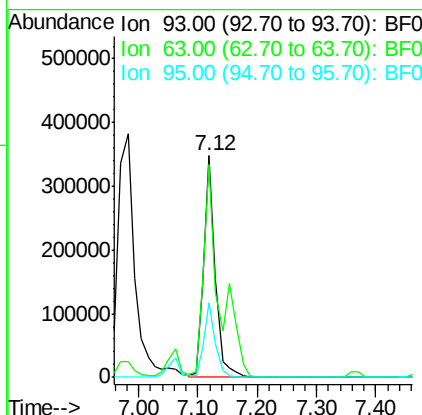
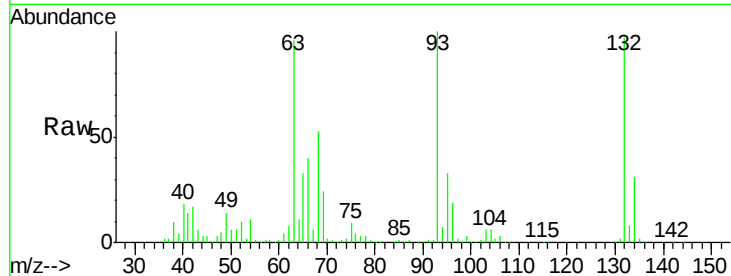
#11
bis(2-Chloroethyl)ether
Concen: 39.04 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	485707		
63	96.0	58.0	98.0	
95	33.5	11.9	51.9	

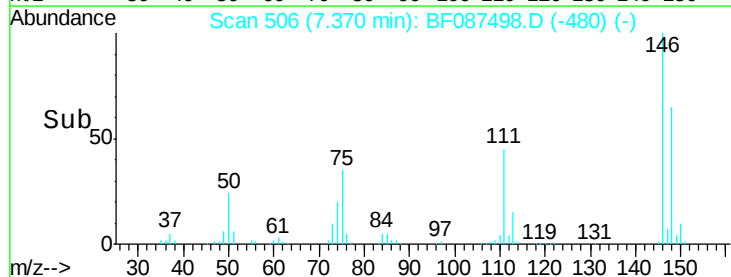
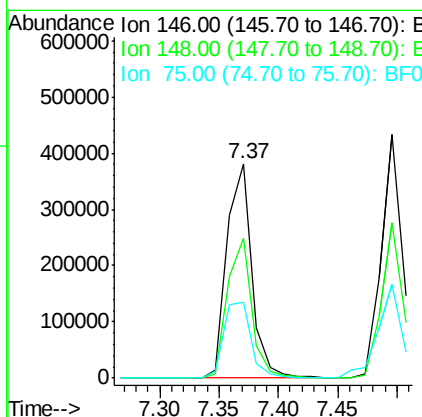
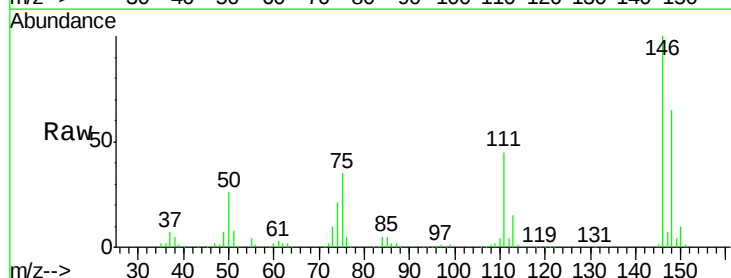
Manual Integrations
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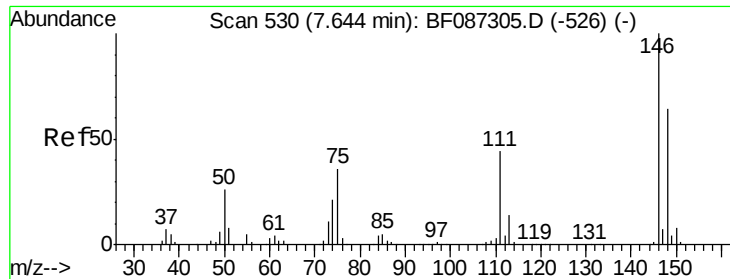
umangi
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#12
1,3-Dichlorobenzene
Concen: 39.03 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	553078		
148	65.2	52.4	78.6	
75	35.2	22.8	34.2	





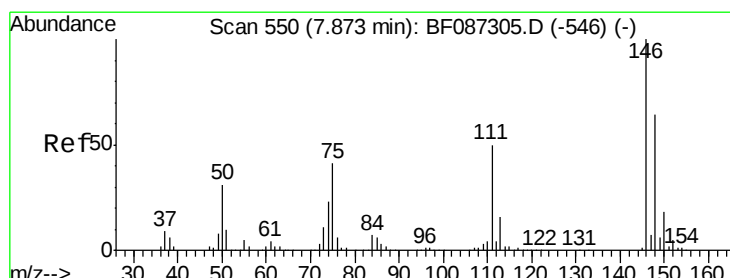
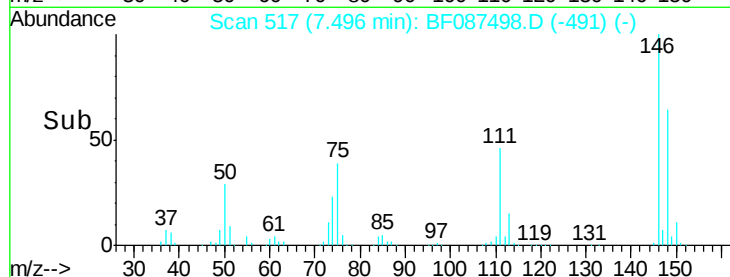
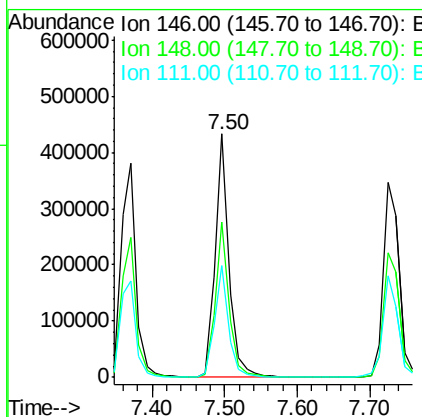
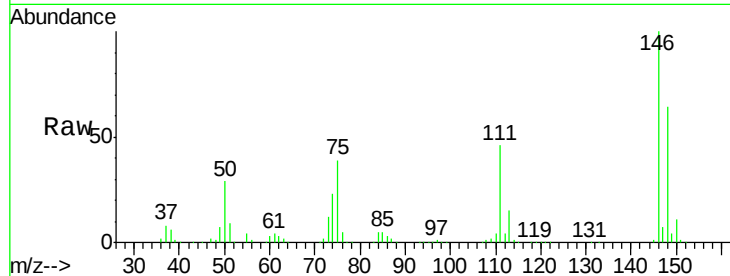
#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	571567		
148	64.0	52.2	78.4	
111	45.9	30.7	46.1	

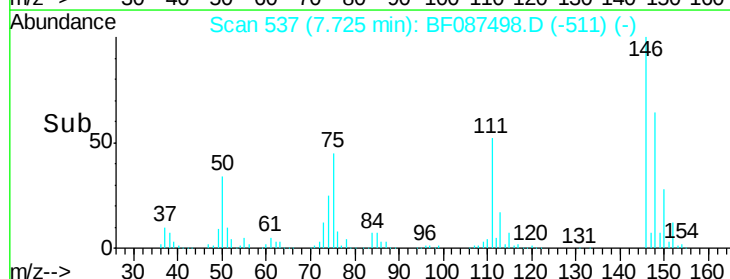
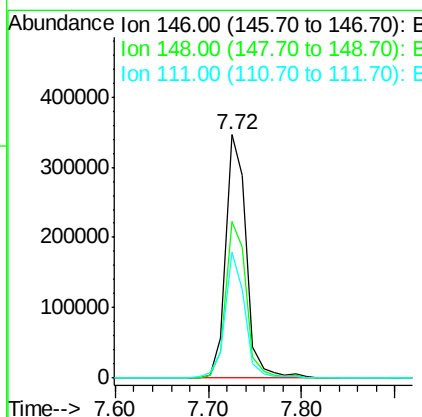
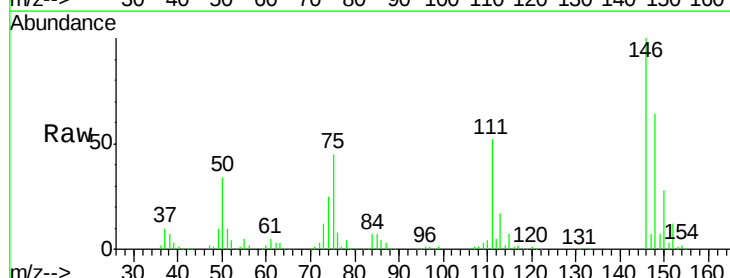
Manual Integrations
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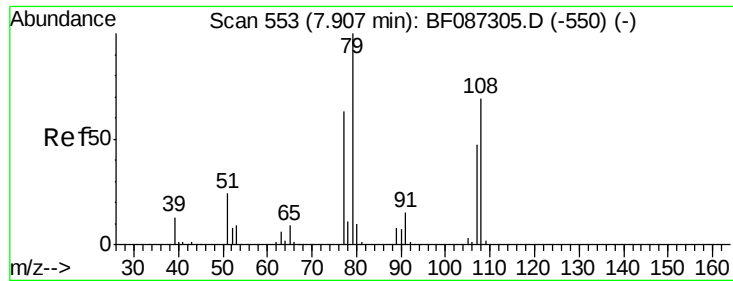
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#14
 1,2-Dichlorobenzene
 Concen: 39.49 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	531433		
148	64.1	51.0	76.6	
111	51.9	36.2	54.4	





#15

Benzyl Alcohol

Concen: 45.18 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

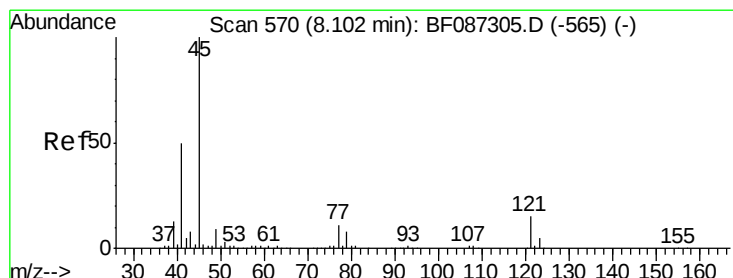
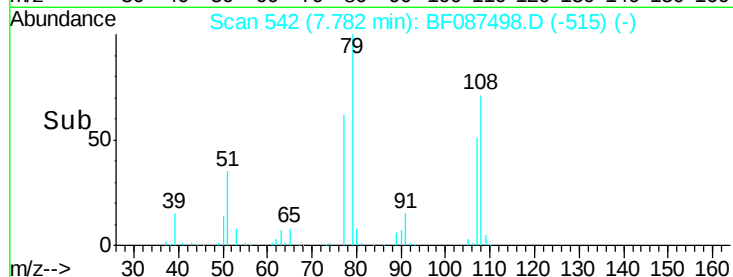
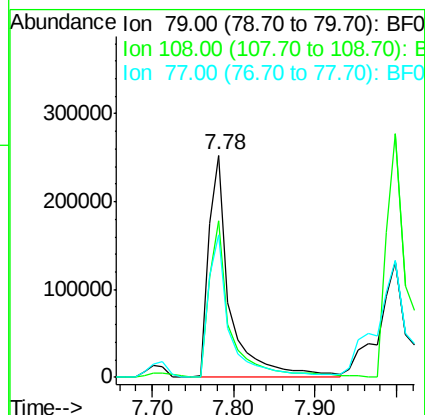
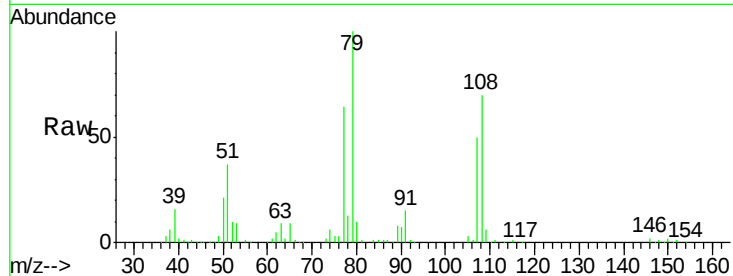
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	463686
Ion Ratio	Lower	Upper	
79	100		
108	70.4	68.4	102.6
77	64.0	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.75 ng

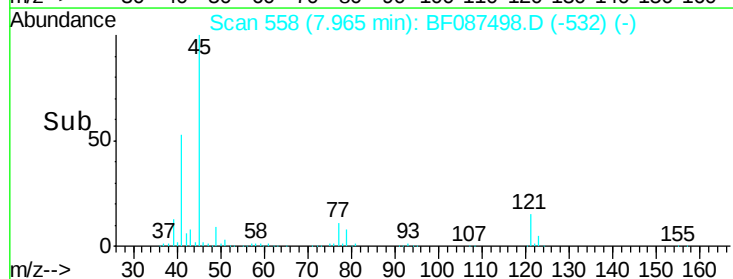
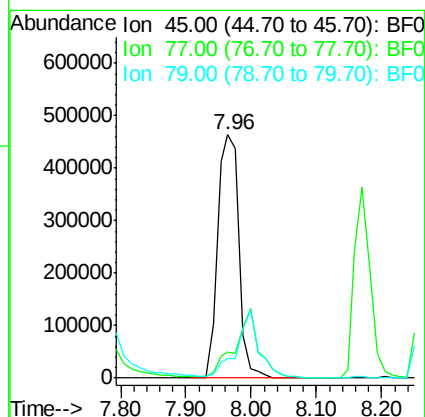
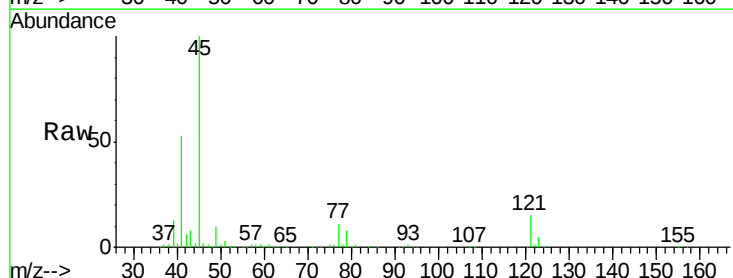
RT: 7.96 min Scan# 558

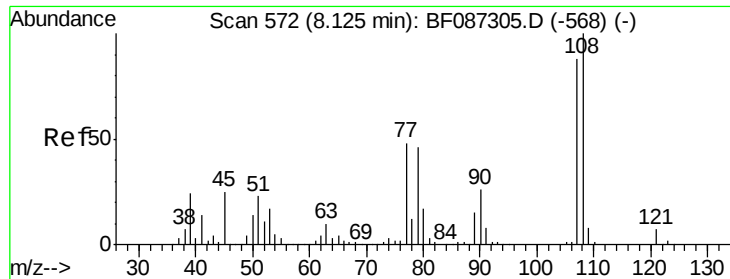
Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion:	45	Resp:	1056715
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	36.4
79	8.2	0.0	33.4





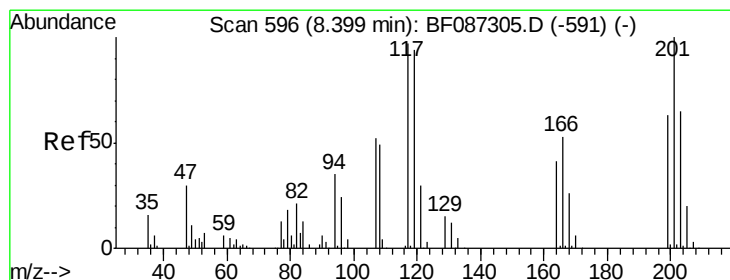
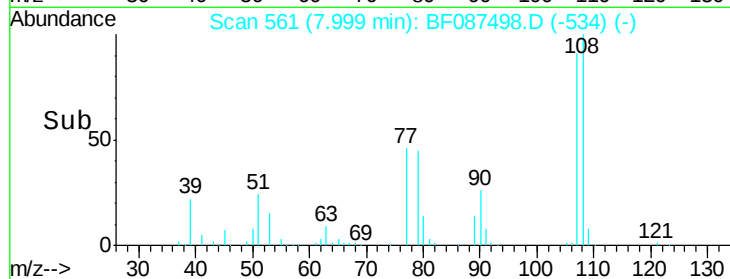
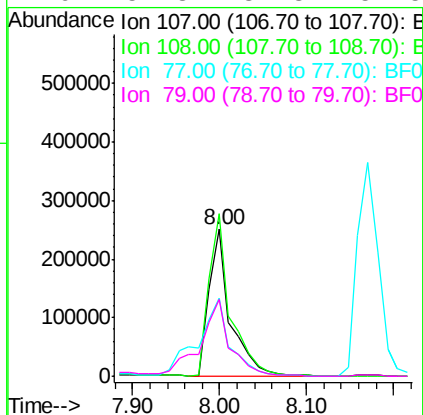
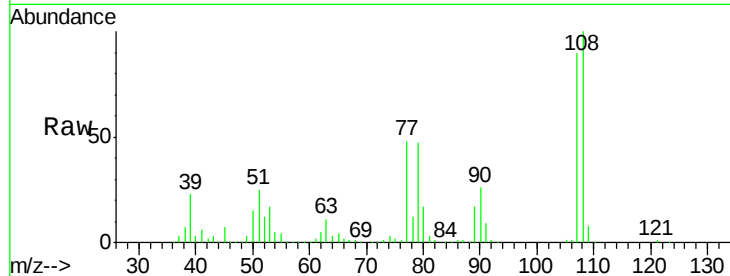
#17
2-Methylphenol
Concen: 41.07 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	427673		
108	110.7	93.7	140.5	
77	53.3	33.4	50.0#	
79	52.3	34.3	51.5#	

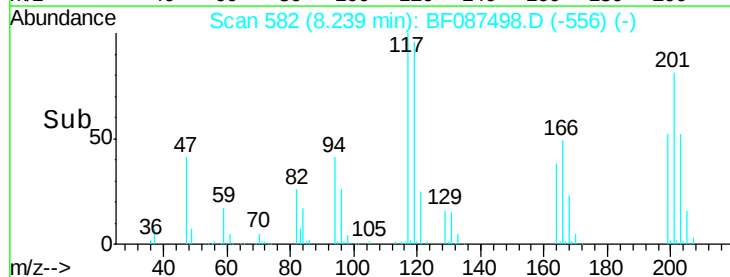
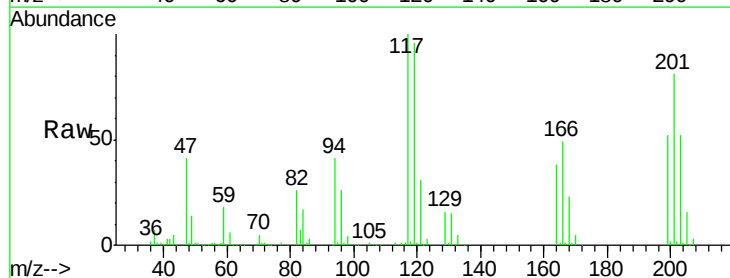
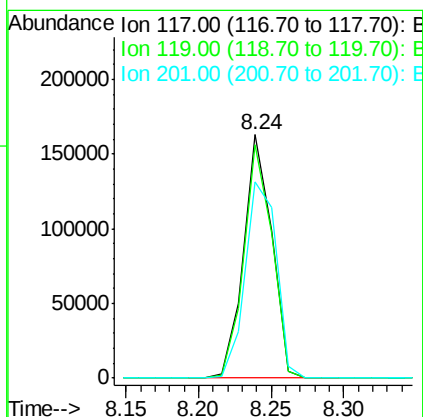
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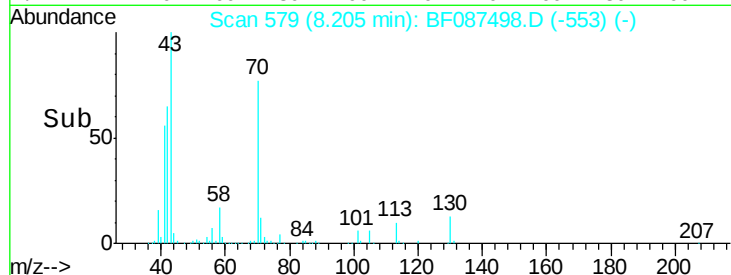
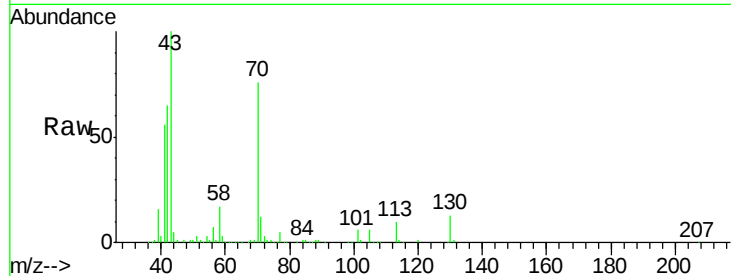
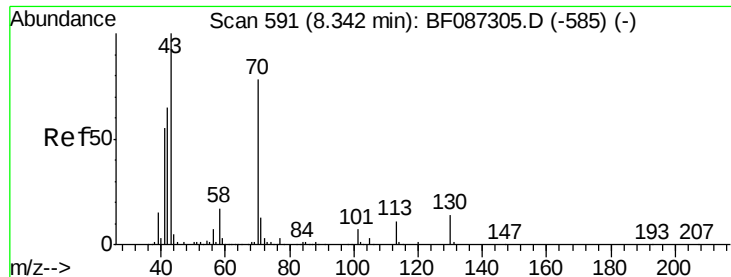
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#18
Hexachloroethane
Concen: 40.39 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	219220		
119	95.8	76.5	114.7	
201	80.8	63.0	94.6	





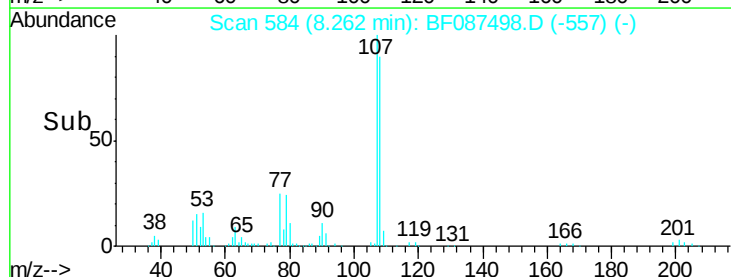
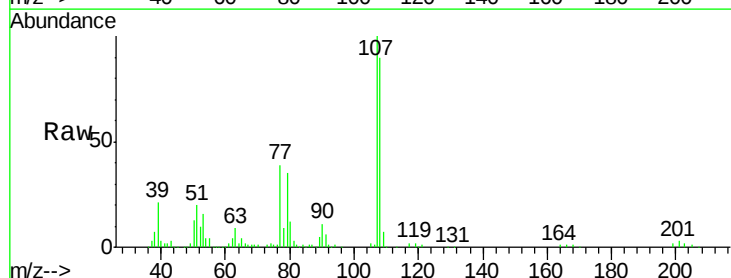
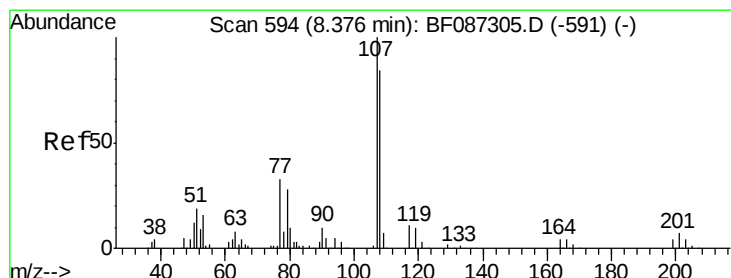
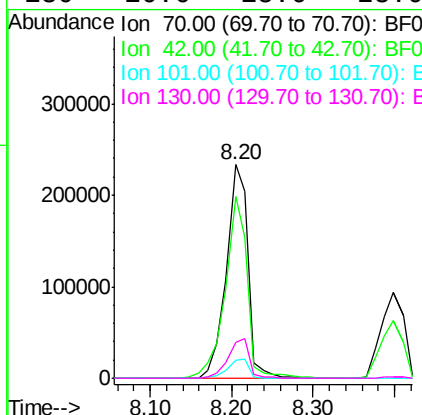
#19
n-Nitroso-di-n-propylamine
Concen: 40.81 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	84.9	43.1	64.7#
101	8.3	8.1	12.1
130	16.6	18.6	28.0#

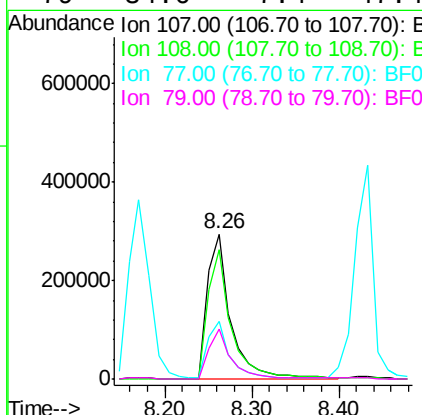
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#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.7	68.5	108.5
77	39.4	101.6	141.6#
79	34.6	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087498.D

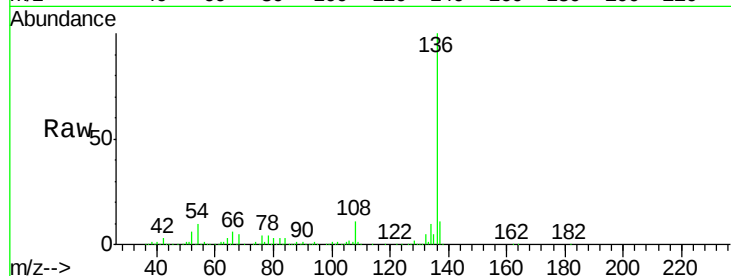
Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

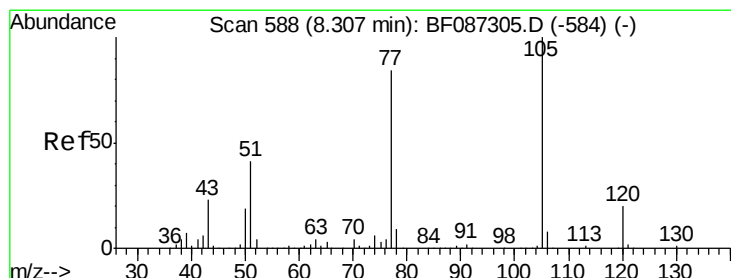
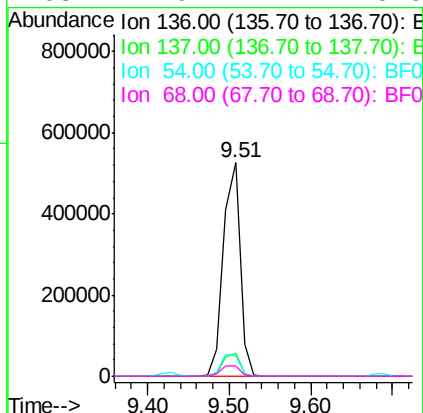
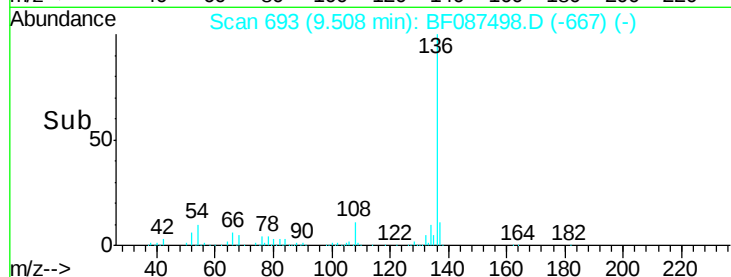
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	748745		
137	10.7	8.8	13.2	
54	9.9	5.0	7.4#	
68	4.9	4.4	6.6	

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#22

Acetophenone

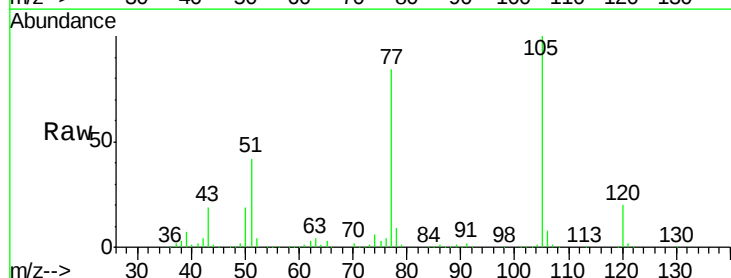
Concen: 41.37 ng

RT: 8.17 min Scan# 576

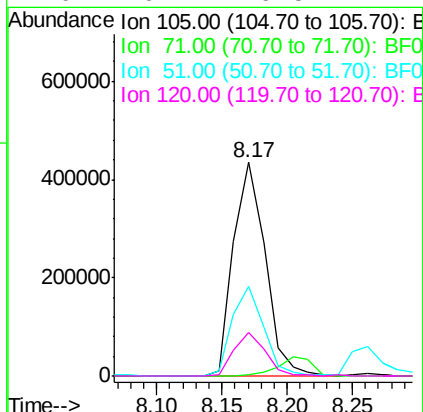
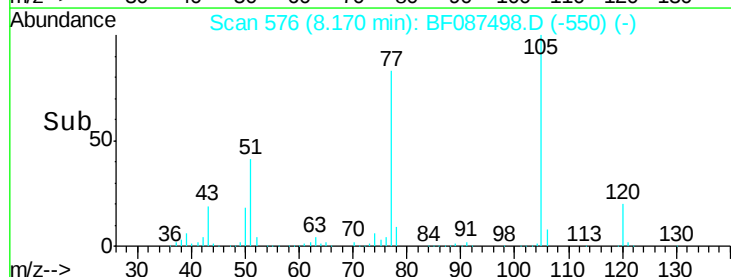
Delta R.T. 0.00 min

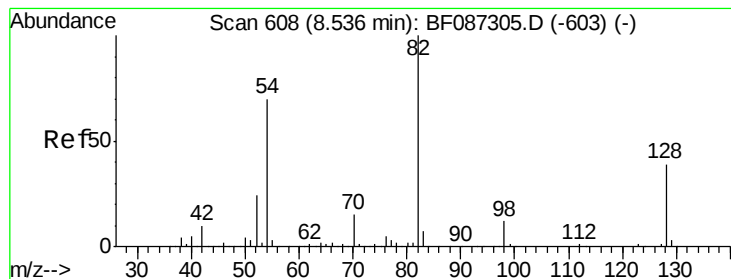
Lab File: BF087498.D

Acq: 29 May 2016 1:47



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	739966		
71	0.3	4.8	7.2#	
51	41.7	32.6	49.0	
120	20.1	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 84.27 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1252009

Ion Ratio Lower Upper

82 100

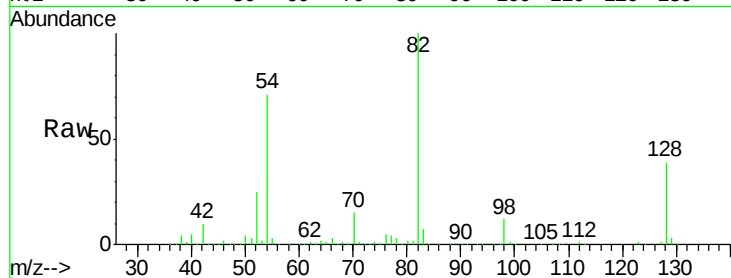
128 38.7 40.6 61.0#

54 70.7 38.1 57.1#

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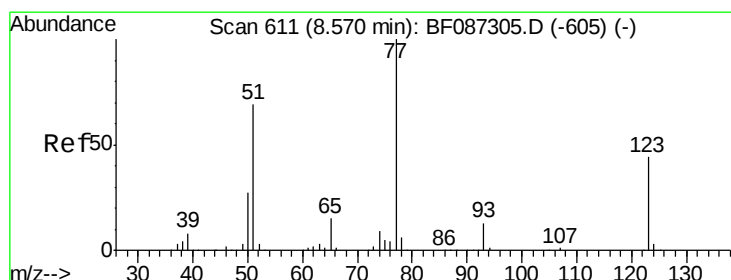
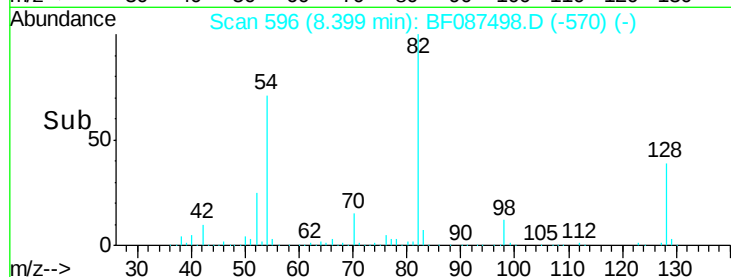
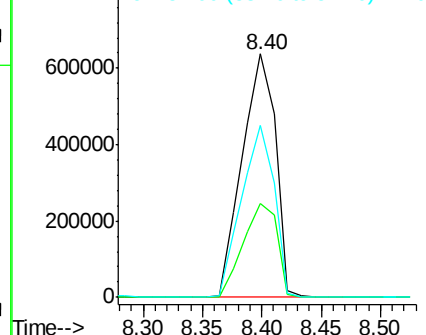
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.43 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

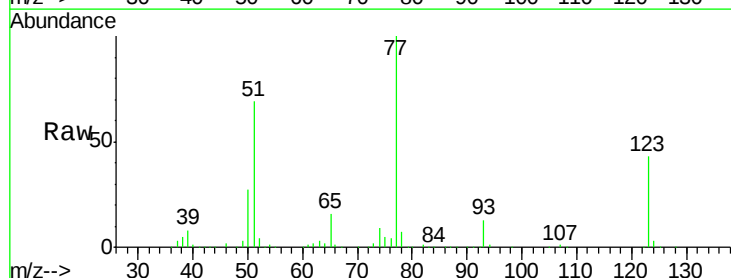
Tgt Ion: 77 Resp: 649779

Ion Ratio Lower Upper

77 100

123 43.4 33.0 49.4

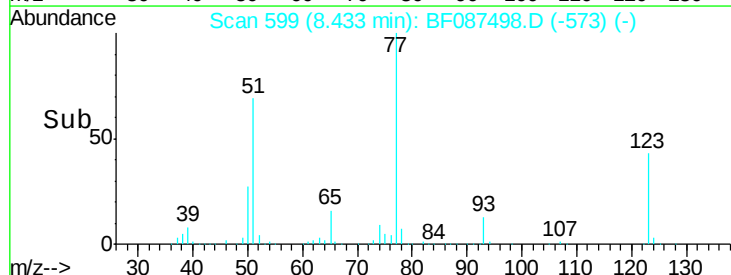
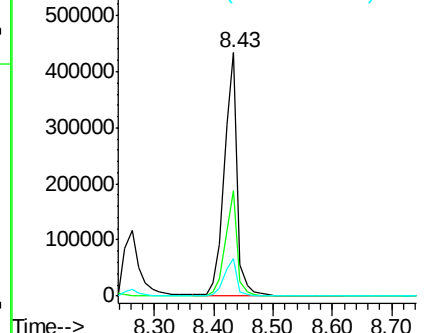
65 15.6 10.8 16.2

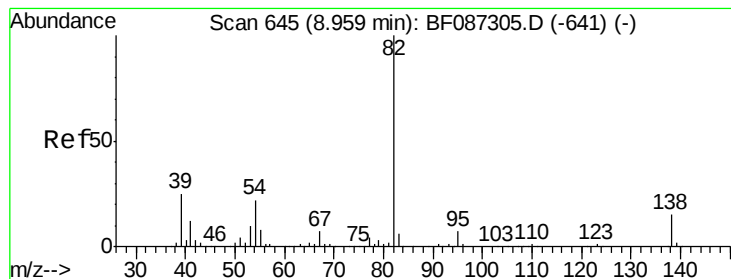


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.67 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1083673

Ion Ratio Lower Upper

82 100

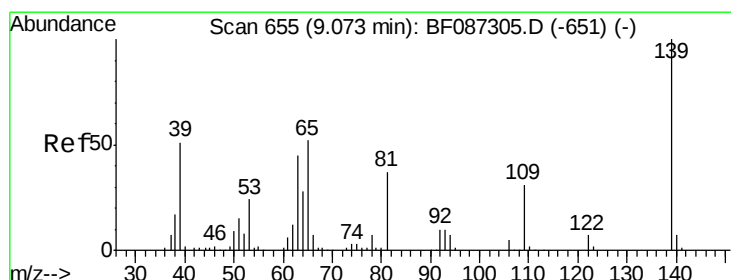
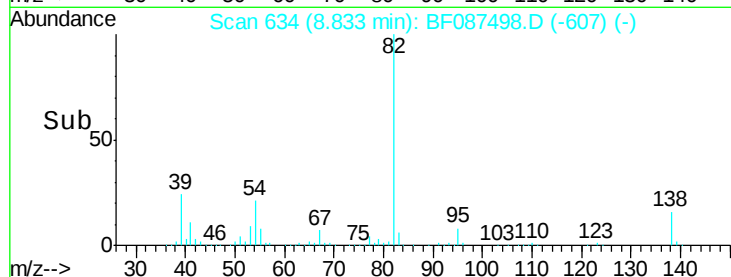
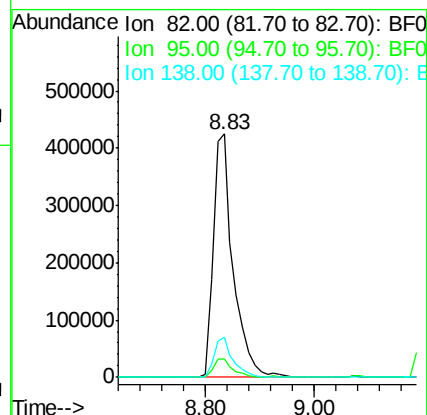
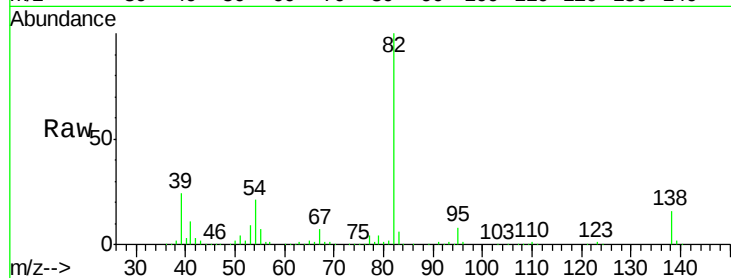
95 7.7 5.1 7.7#

138 16.3 12.4 18.6

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#26

2-Nitrophenol

Concen: 41.54 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

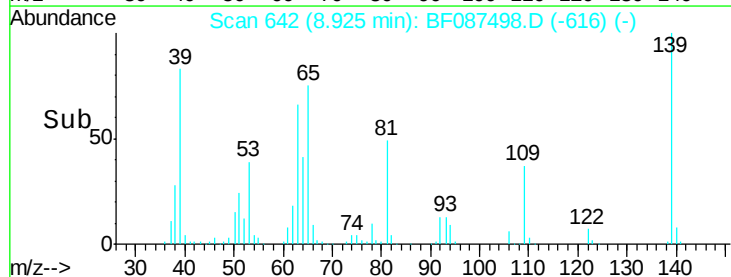
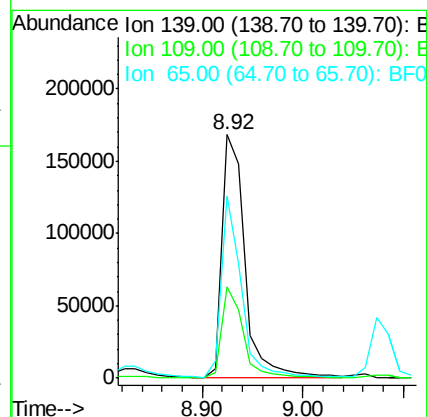
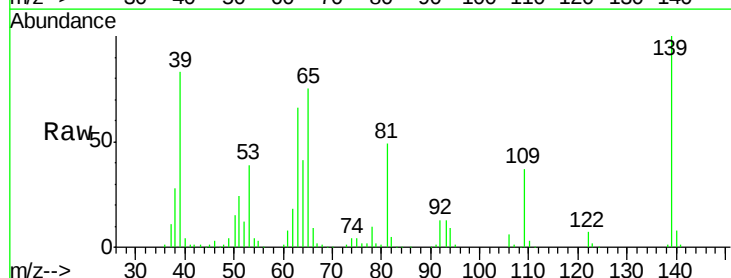
Tgt Ion: 139 Resp: 266272

Ion Ratio Lower Upper

139 100

109 37.4 19.5 29.3#

65 75.0 37.5 56.3#





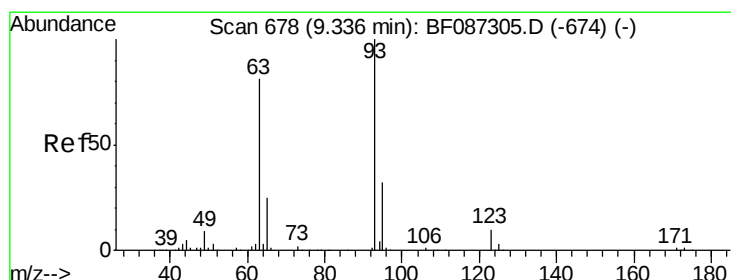
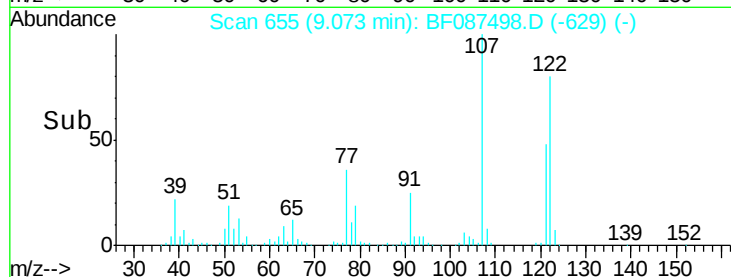
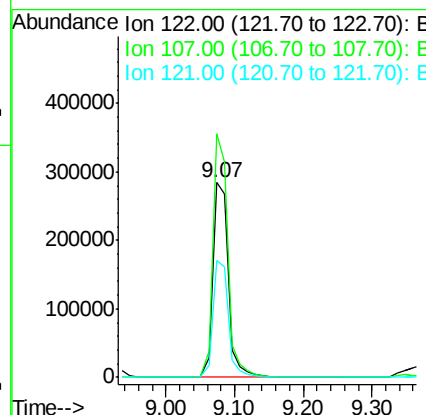
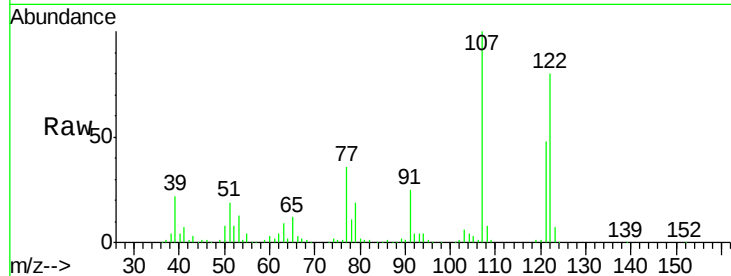
#27
 2,4-Dimethylphenol
 Concen: 40.41 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	449642		
107	125.1	82.0	123.0#	
121	59.9	46.1	69.1	

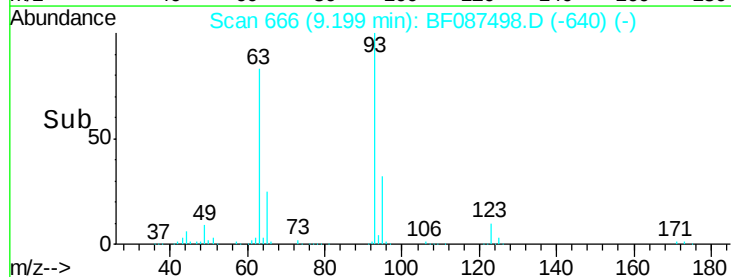
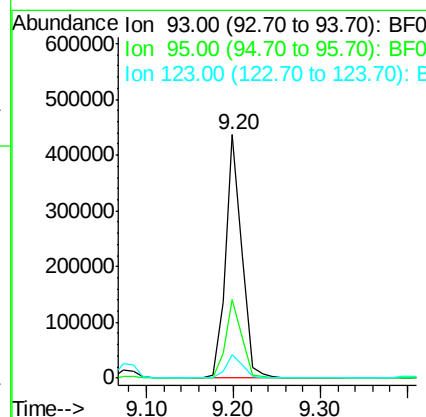
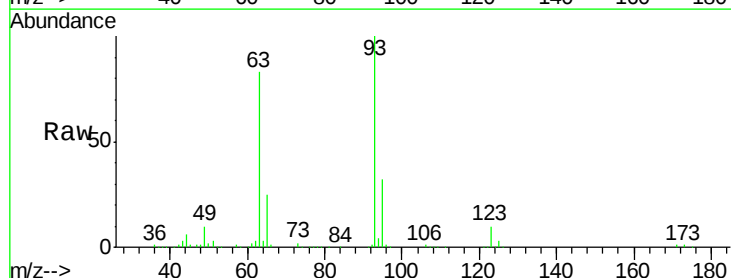
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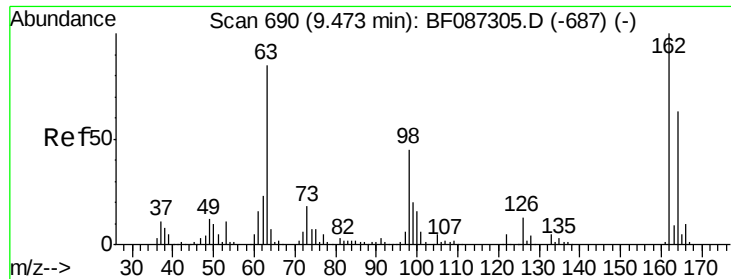
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.08 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	571544		
95	32.3	26.0	39.0	
123	9.6	9.5	14.3	





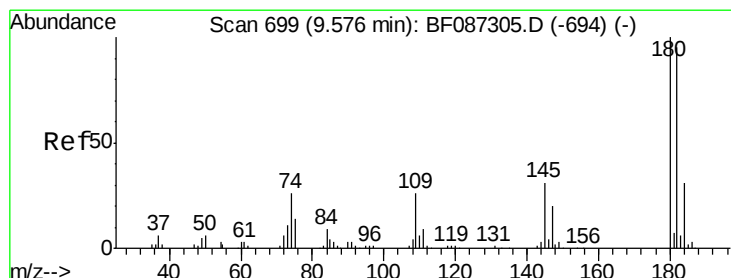
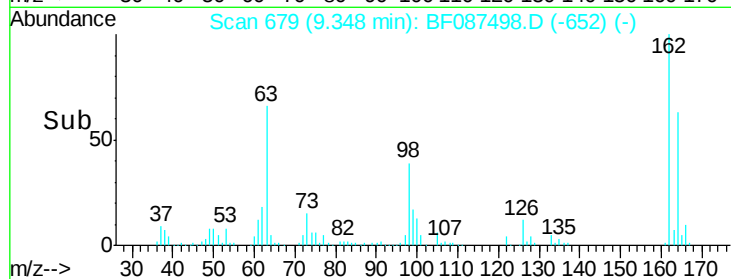
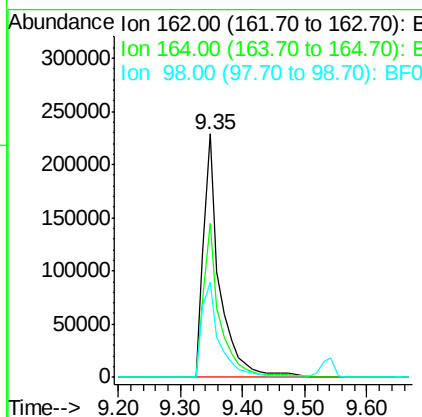
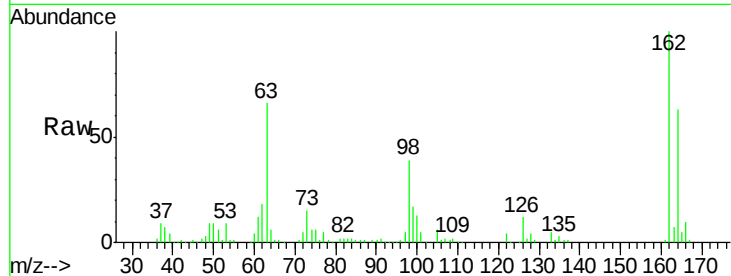
#29
 2,4-Dichlorophenol
 Concen: 41.36 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	414832		
164	63.4	42.2	82.2	
98	38.9	19.0	59.0	

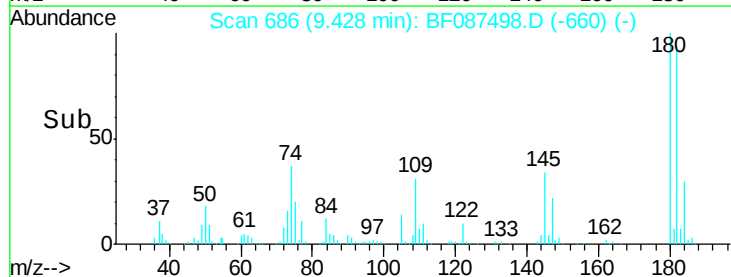
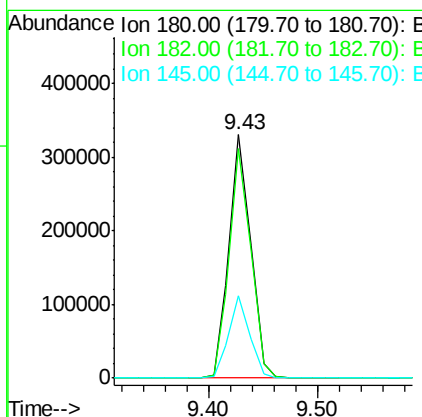
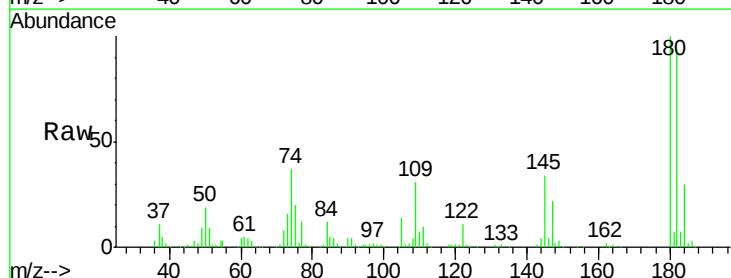
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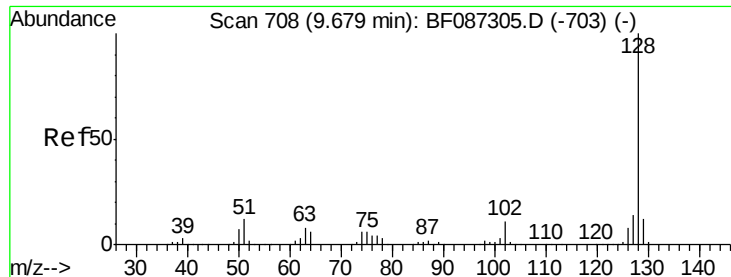
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	454589		
182	94.3	78.0	117.0	
145	34.1	24.2	36.2	





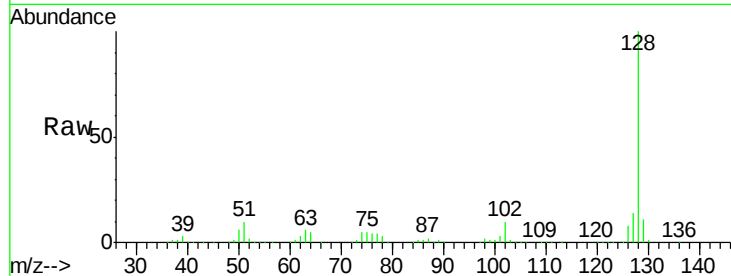
#31
Naphthalene
Concen: 40.07 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

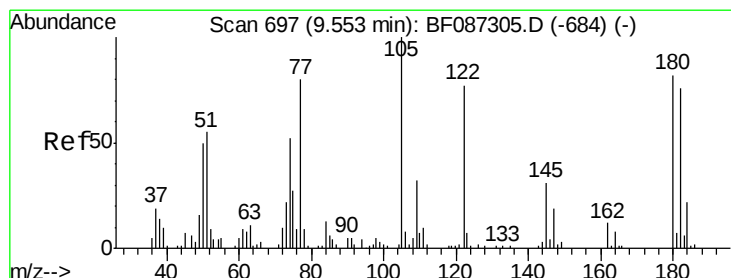
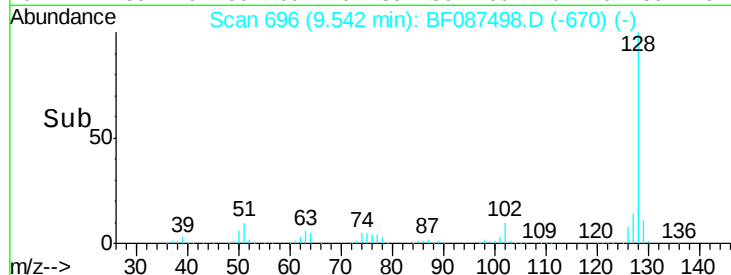
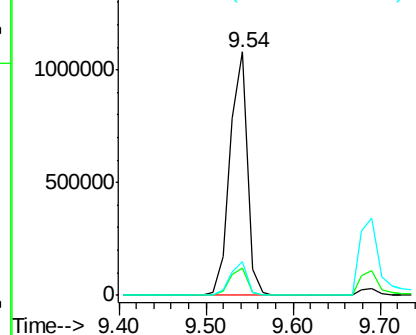
Tgt Ion:128 Resp: 1503441
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.9 10.8 16.2

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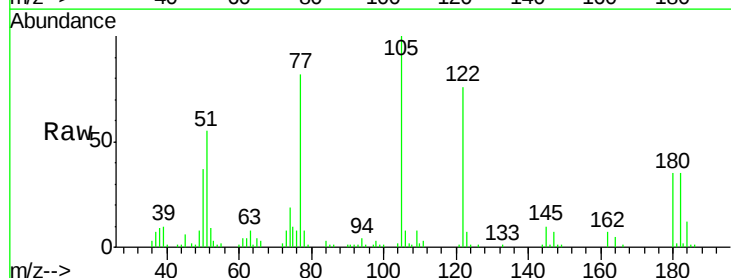


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

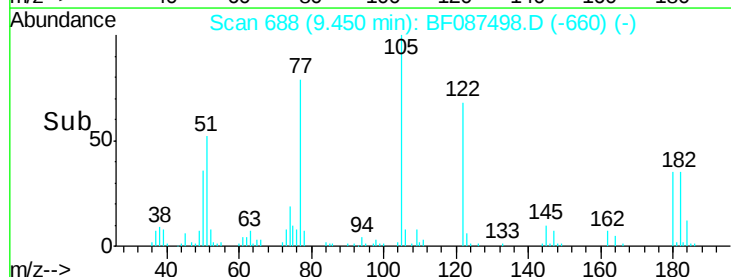
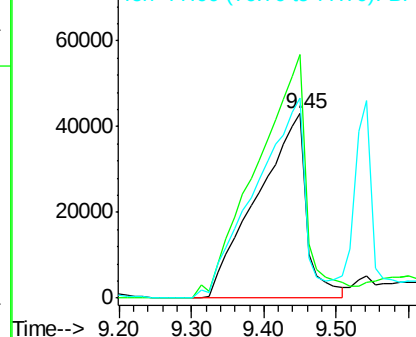


#32
Benzoic acid
Concen: 37.08 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion:122 Resp: 203836
Ion Ratio Lower Upper
122 100
105 132.2 92.6 132.6
77 108.6 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





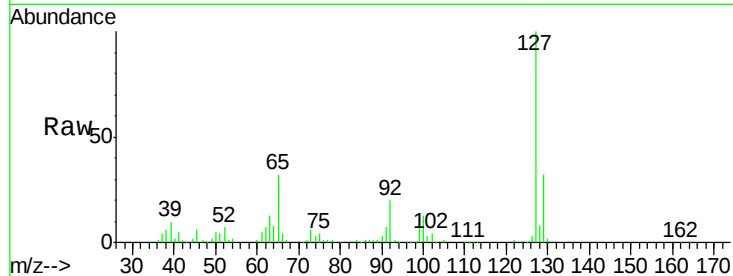
#33
 4-Chloroaniline
 Concen: 42.80 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

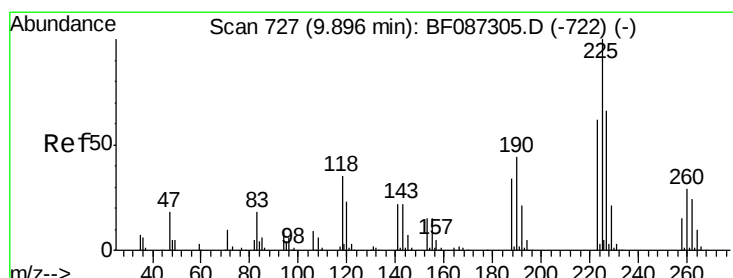
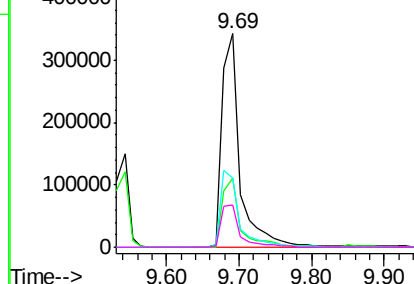
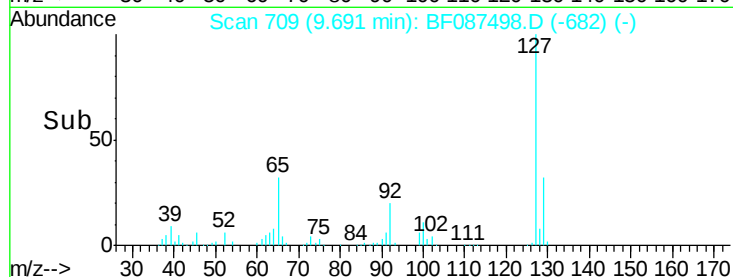
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	591433		
129	32.3	26.2	39.4	
65	32.4	23.0	34.4	
92	19.7	15.1	22.7	

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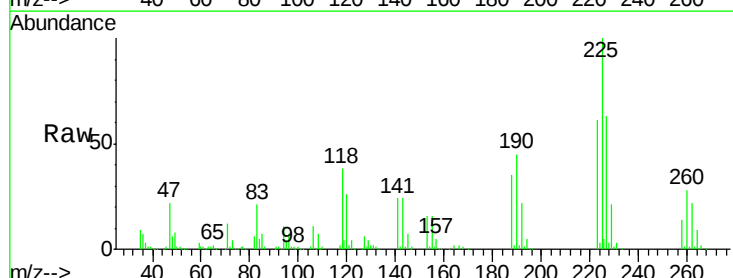


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

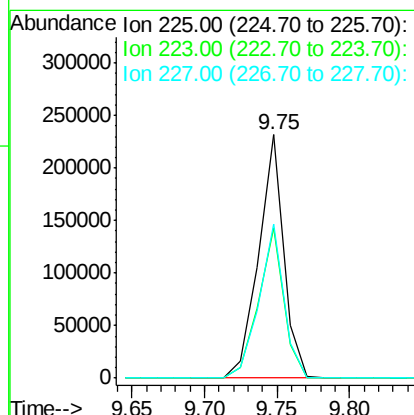
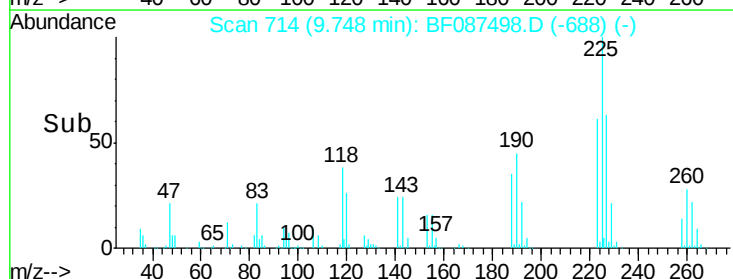


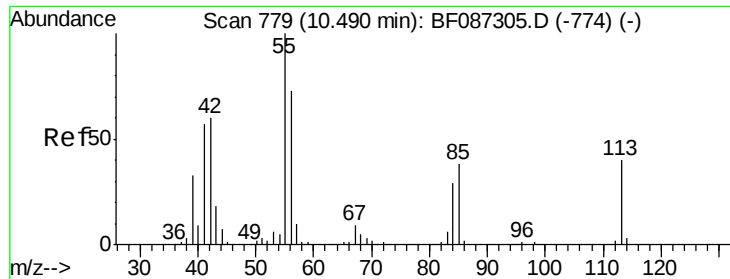
#34
 Hexachlorobutadiene
 Concen: 39.83 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	277982		
223	61.5	51.5	77.3	
227	63.1	52.2	78.2	



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





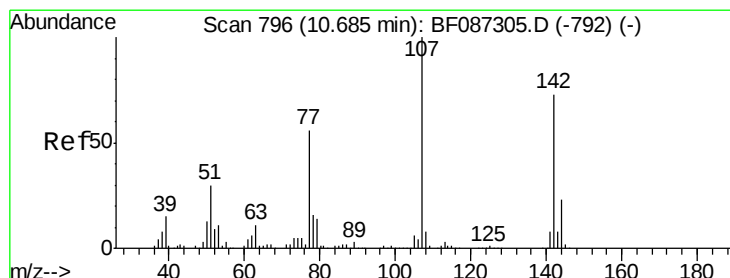
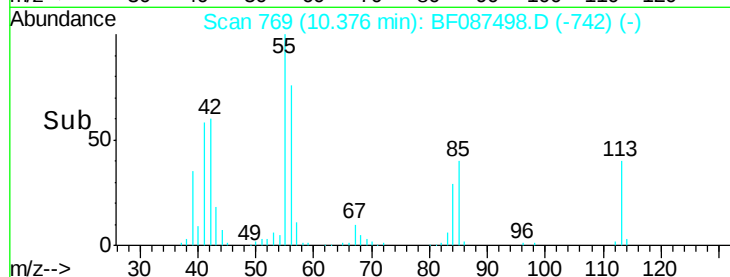
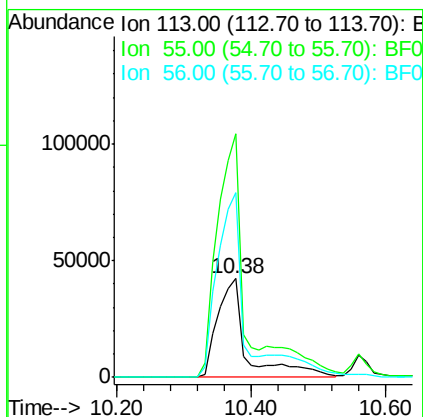
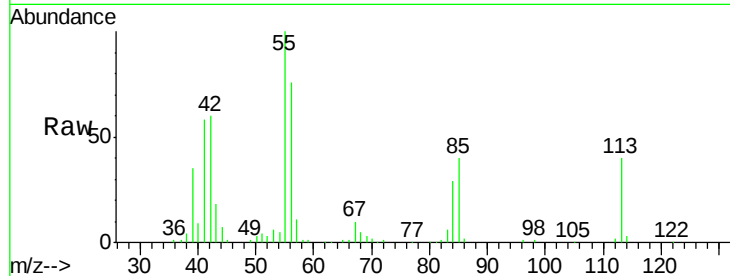
#35
 Caprolactam
 Concen: 43.50 ng m
 RT: 10.38 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127340		
55	247.4	162.0	202.0#	
56	187.1	115.3	155.3#	

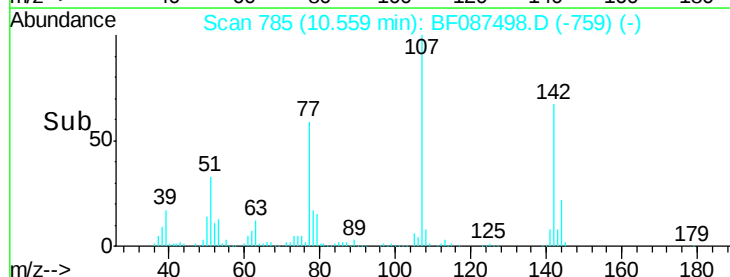
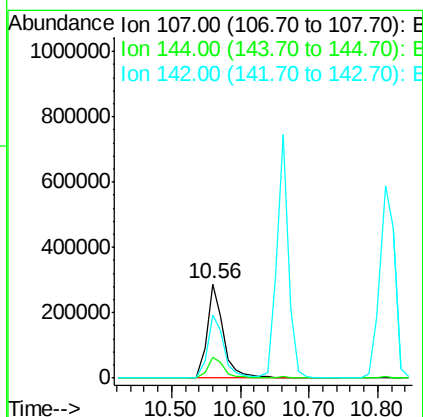
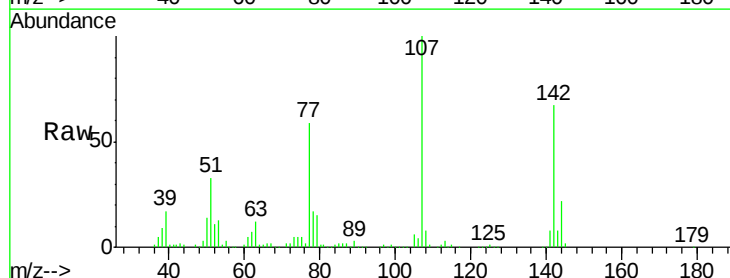
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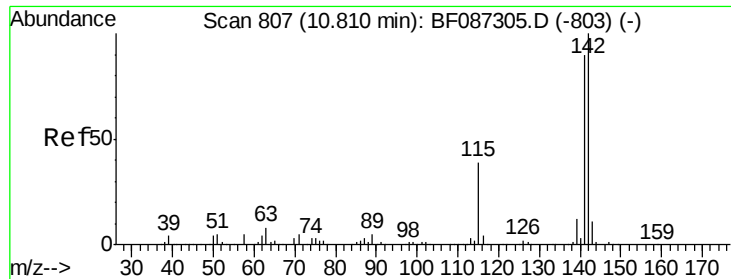
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#36
 4-Chloro-3-methylphenol
 Concen: 41.96 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	475697		
144	21.7	20.7	31.1	
142	67.4	63.2	94.8	





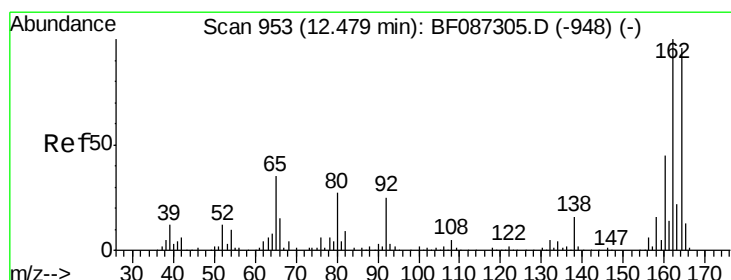
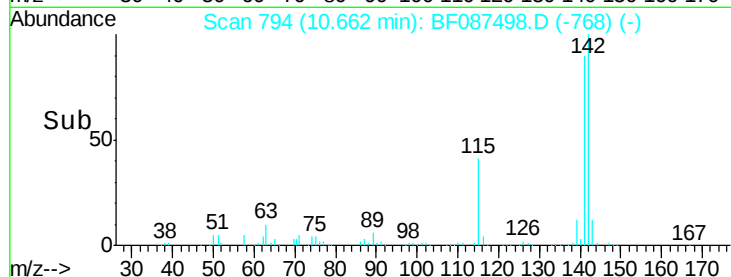
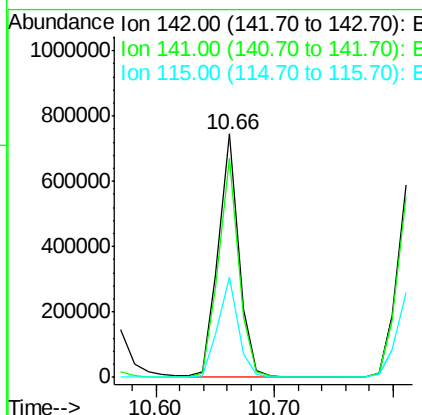
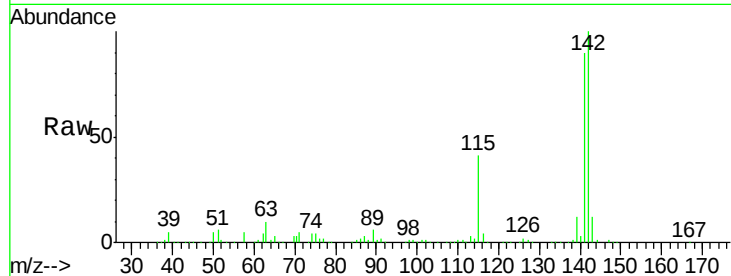
#37
2-Methylnaphthalene
Concen: 38.39 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	899889		
141	90.1	71.0	106.6	
115	41.2	26.6	39.8#	

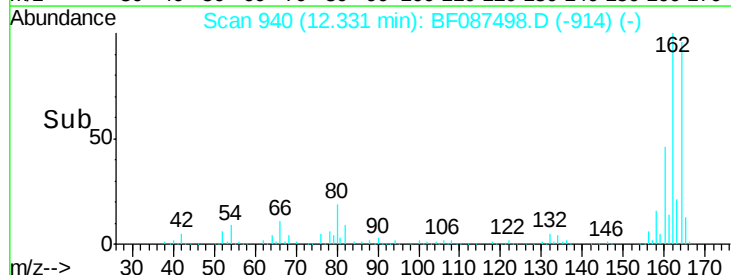
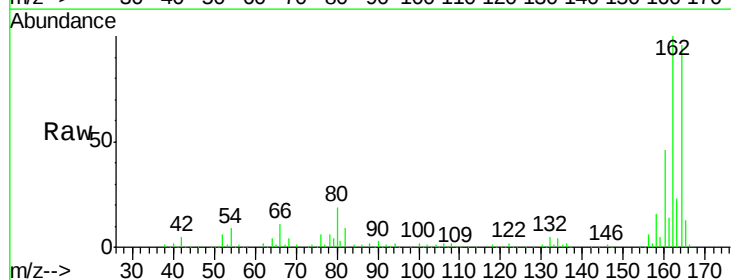
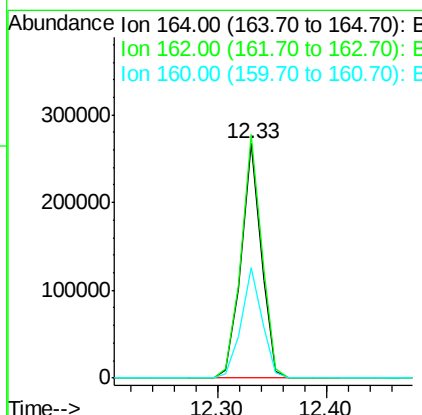
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	341323		
162	104.0	82.8	124.2	
160	47.5	36.9	55.3	





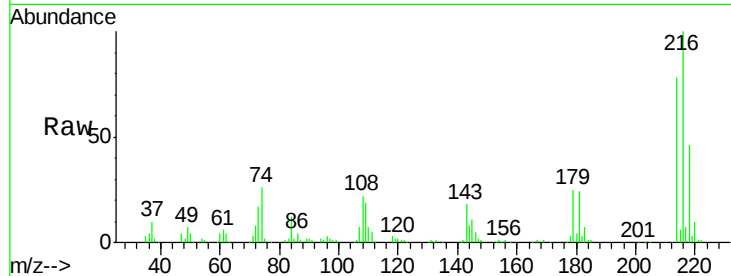
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.91 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

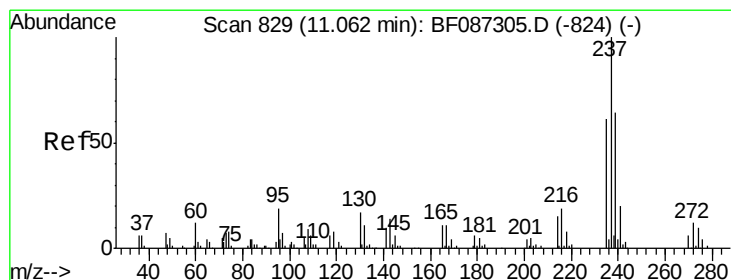
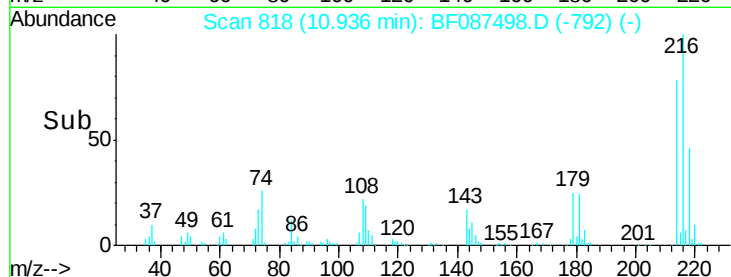
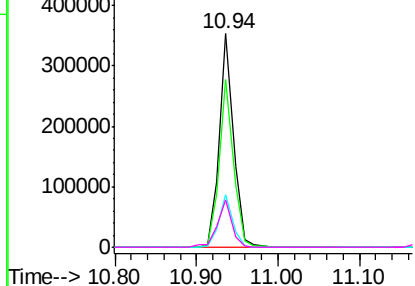
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	425094		
214	78.3	62.6	93.8	
179	24.1	18.2	27.4	
108	22.8	17.5	26.3	

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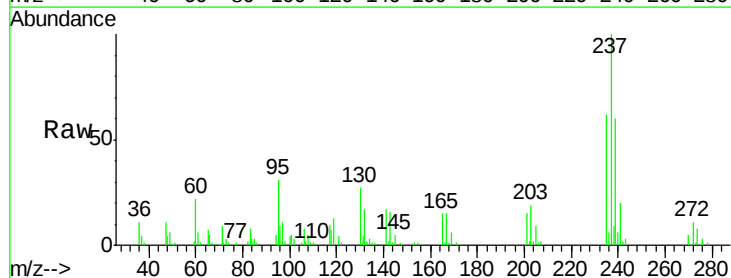


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

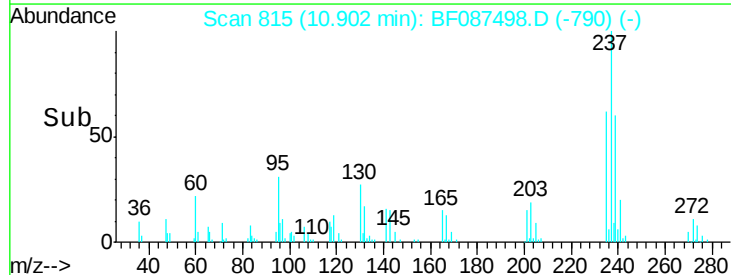
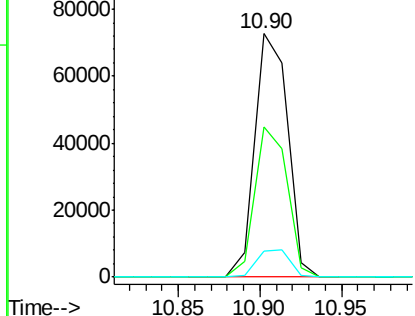


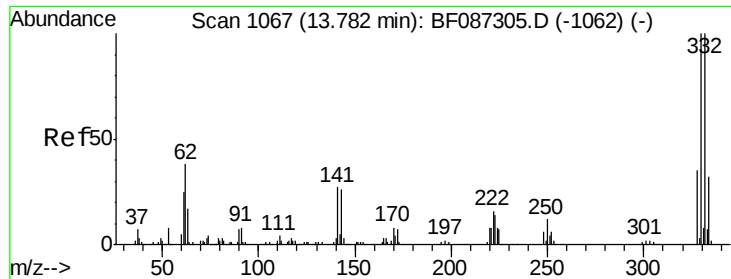
#40
 Hexachlorocyclopentadiene
 Concen: 29.47 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	102044		
235	61.6	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: 83.60 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

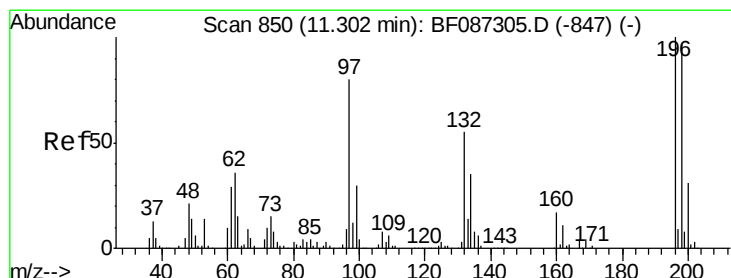
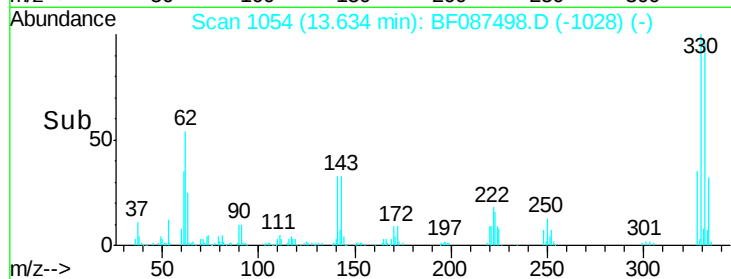
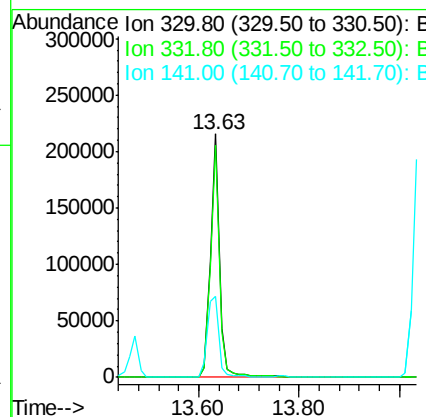
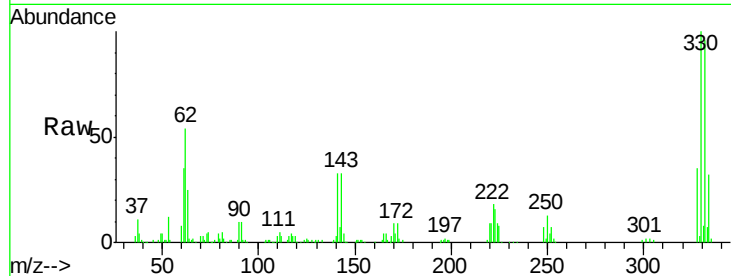
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	330	Resp:	274221
Ion Ratio	Lower	Upper	
330	100		
332	95.1	79.0	118.4
141	42.1	31.2	46.8

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#42

2,4,6-Trichlorophenol

Concen: 42.13 ng

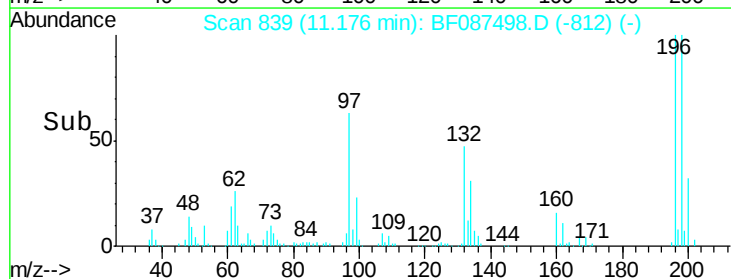
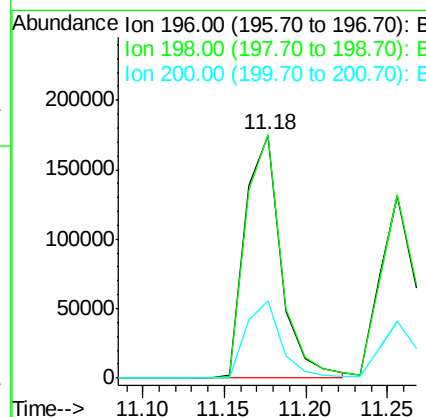
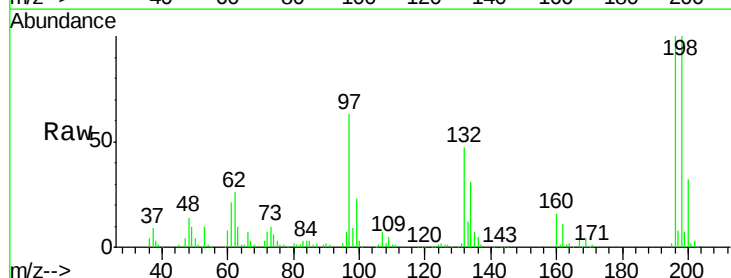
RT: 11.18 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

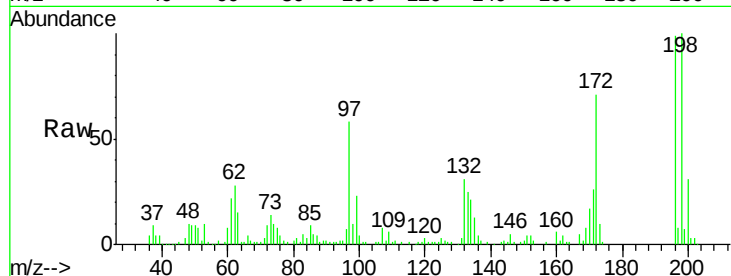
Tgt Ion:	196	Resp:	265716
Ion Ratio	Lower	Upper	
196	100		
198	100.3	74.7	112.1
200	31.6	23.8	35.6





#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

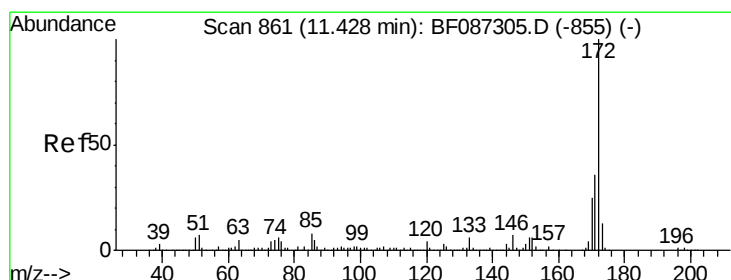
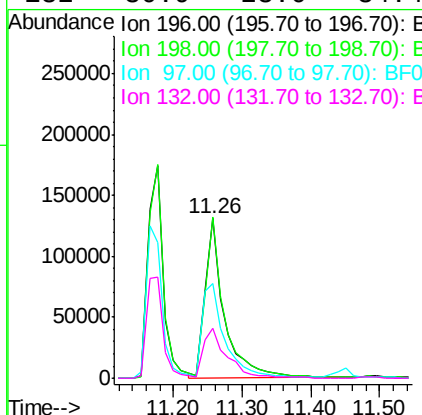
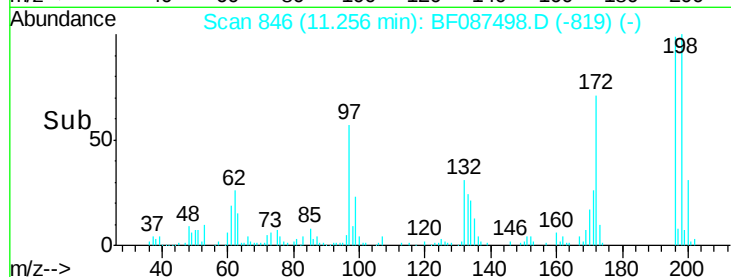
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



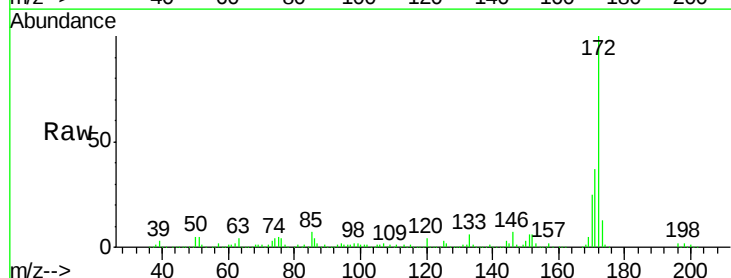
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255203		
198	100.9	77.5	116.3	
97	59.0	34.8	52.2	
132	30.9	23.0	34.4	

Manual Integrations
 APPROVED

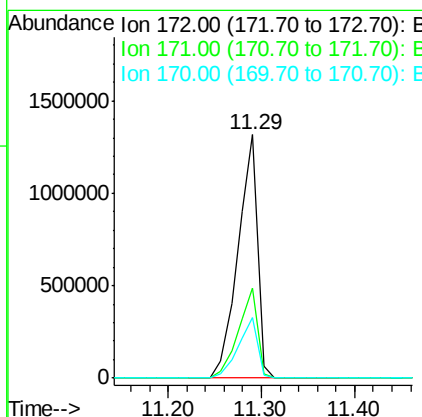
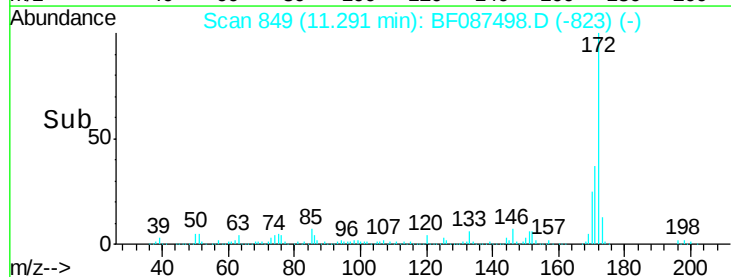
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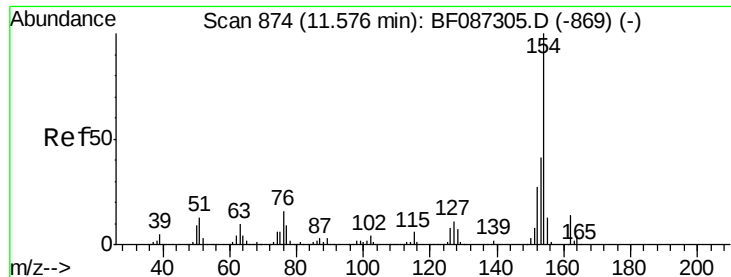


#44
 2-Fluorobiphenyl
 Concen: 78.86 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1909347		
171	36.8	29.0	43.6	
170	24.7	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 40.99 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1178033

Ion Ratio Lower Upper

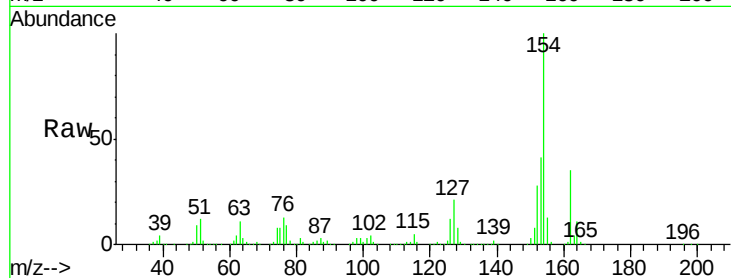
154 100

153 41.0 20.3 60.3

76 13.3 0.0 30.2

Manual Integrations
APPROVED

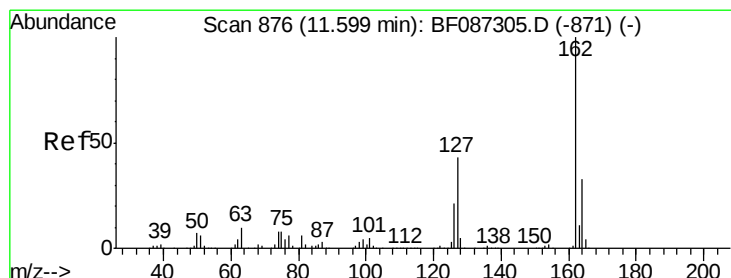
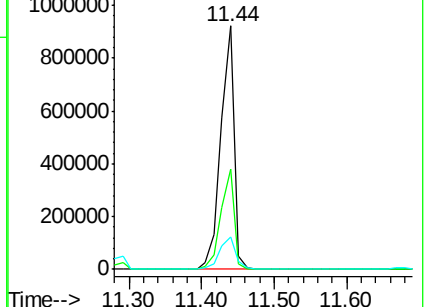
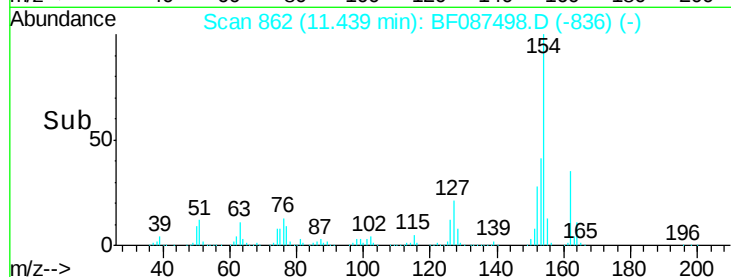
umangi
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.04 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

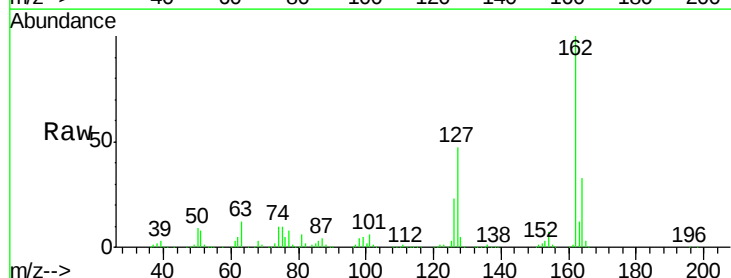
Tgt Ion:162 Resp: 858399

Ion Ratio Lower Upper

162 100

127 47.1 31.8 47.6

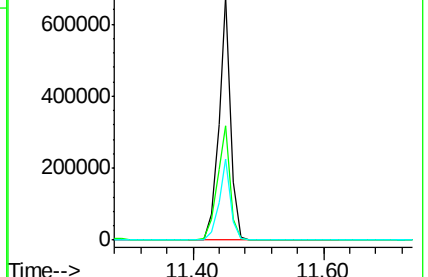
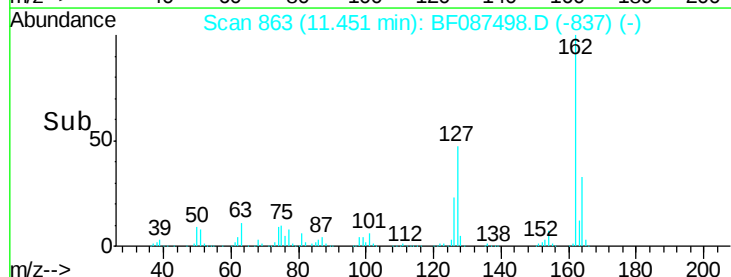
164 33.3 27.0 40.6

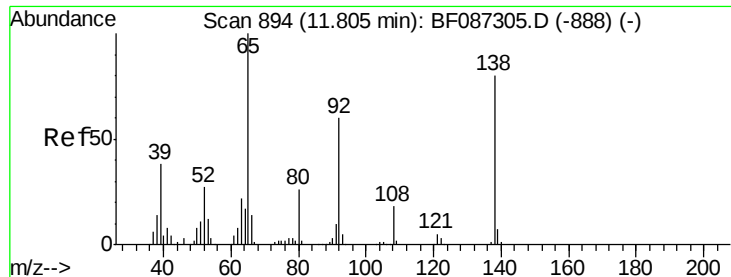


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





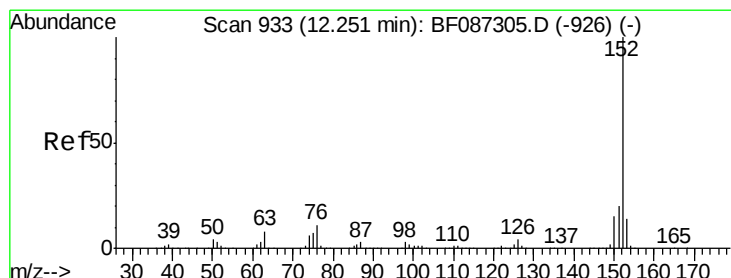
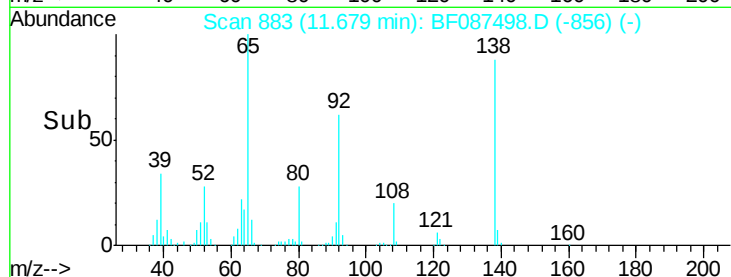
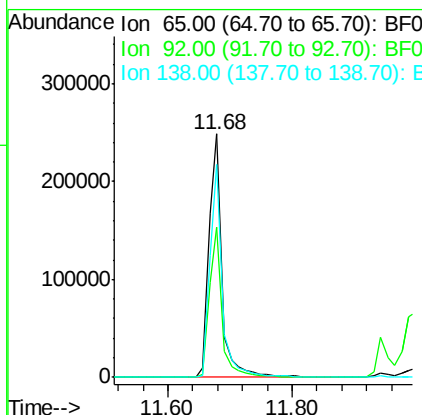
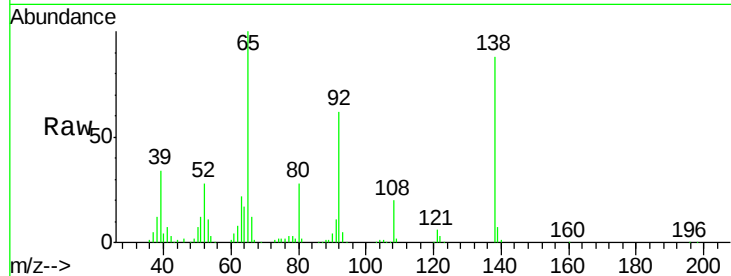
#47
2-Nitroaniline
Concen: 45.30 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	57.4	86.2
138	87.6	90.1	135.1#

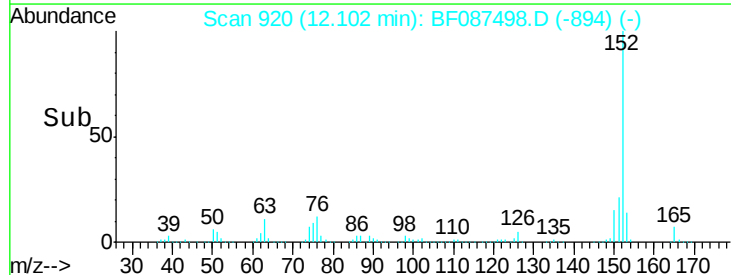
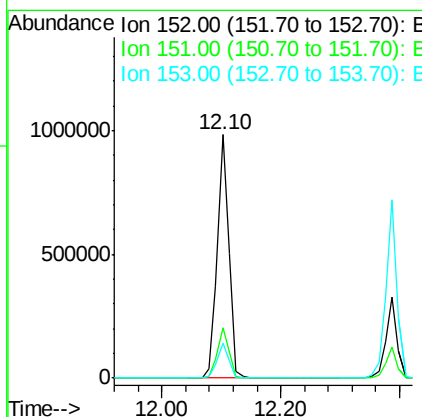
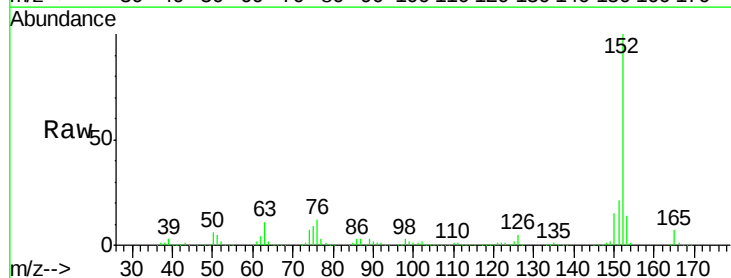
Manual Integrations
APPROVED

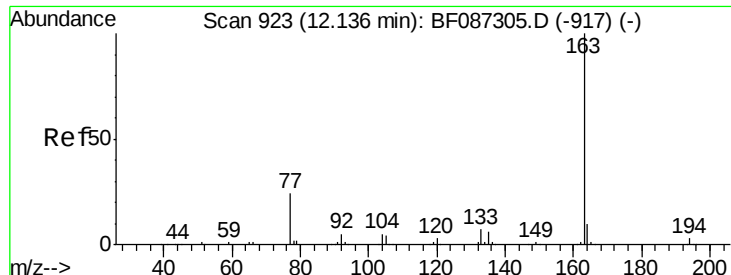
umangi
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#48
Acenaphthylene
Concen: 38.25 ng
RT: 12.10 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	14.2	10.9	16.3





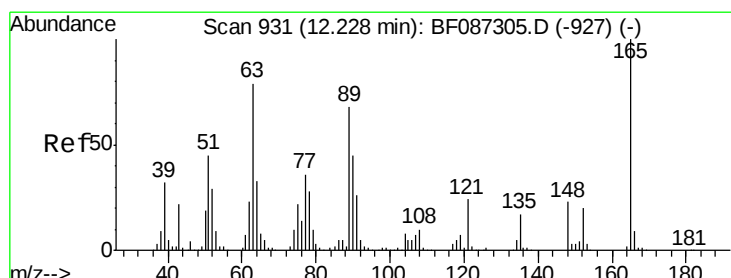
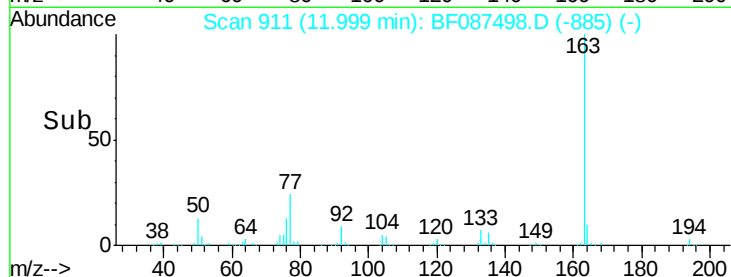
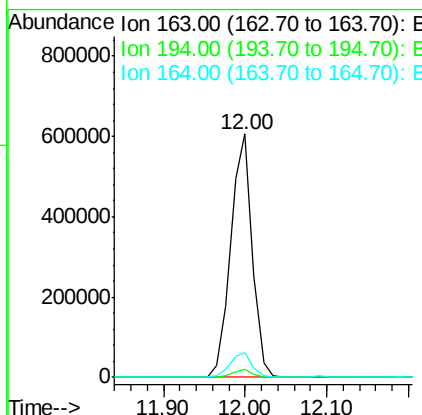
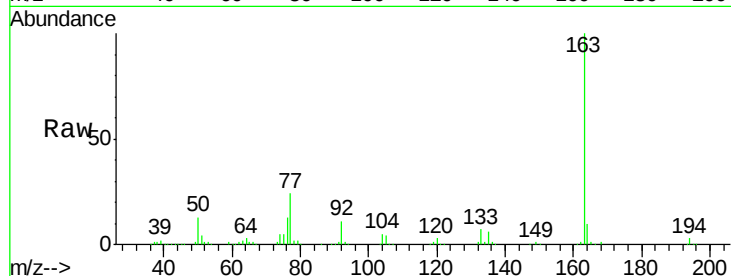
#49
Dimethylphthalate
Concen: 40.16 ng
RT: 12.00 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.2	12.4

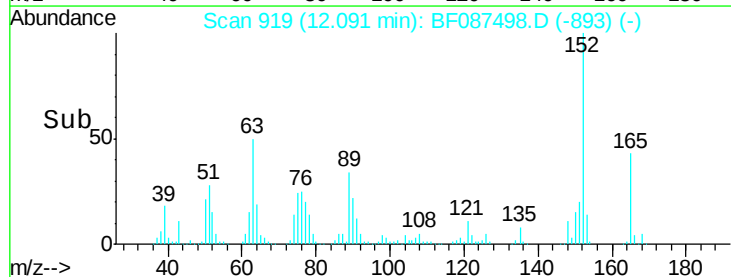
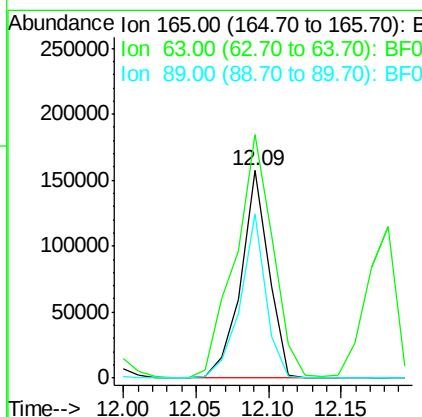
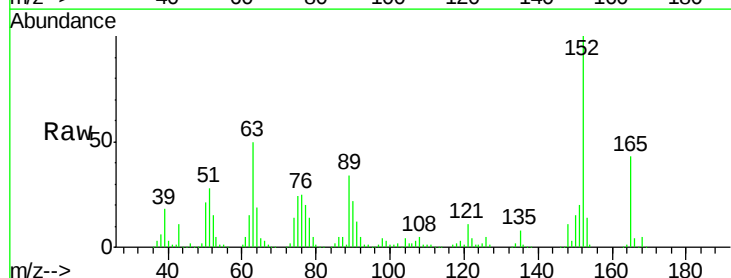
Manual Integrations
APPROVED

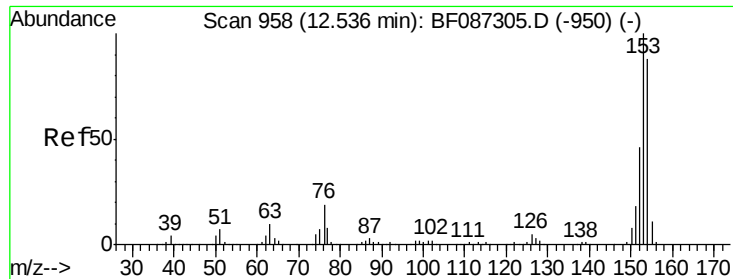
umangi
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#50
2,6-Dinitrotoluene
Concen: 38.02 ng
RT: 12.09 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	117.2	51.8	77.8#
89	79.2	50.7	76.1#





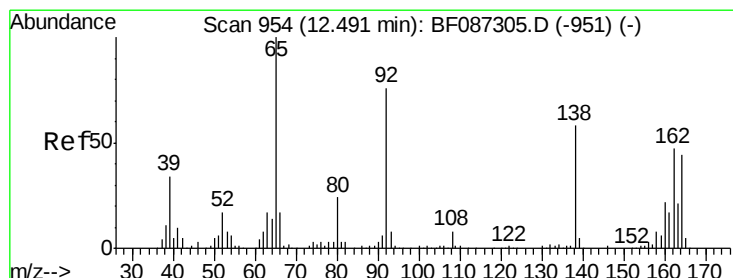
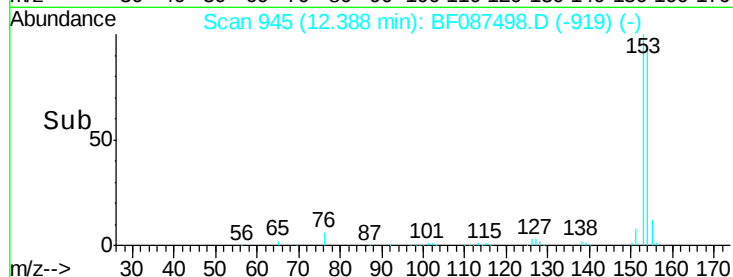
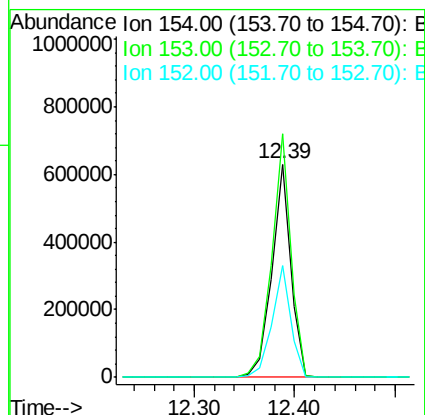
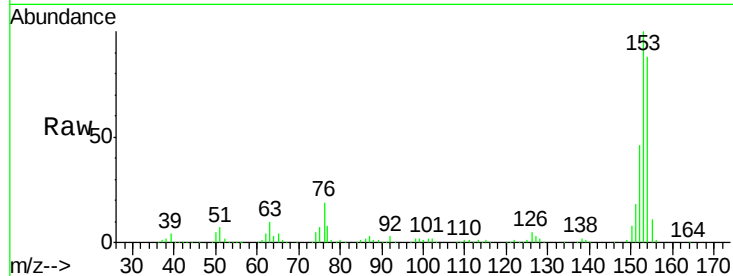
#51
Acenaphthene
Concen: 38.50 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	823660		
153	114.0	89.8	134.6	
152	52.2	43.4	65.0	

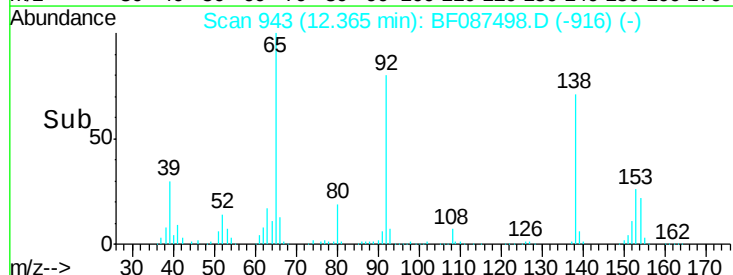
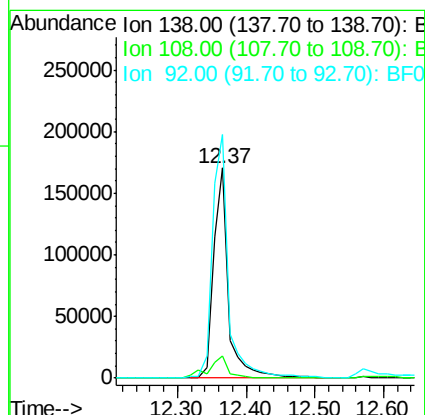
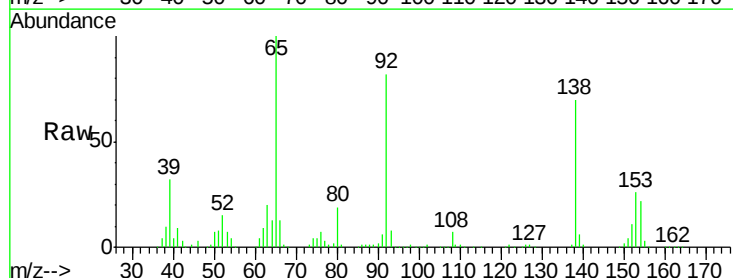
Manual Integrations
APPROVED

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#52
3-Nitroaniline
Concen: 45.38 ng
RT: 12.37 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	256613		
108	10.5	7.8	11.6	
92	115.9	87.8	131.8	





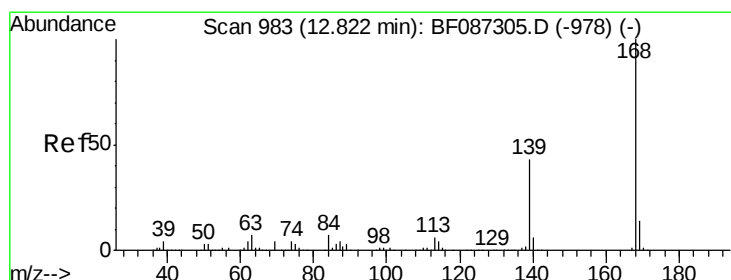
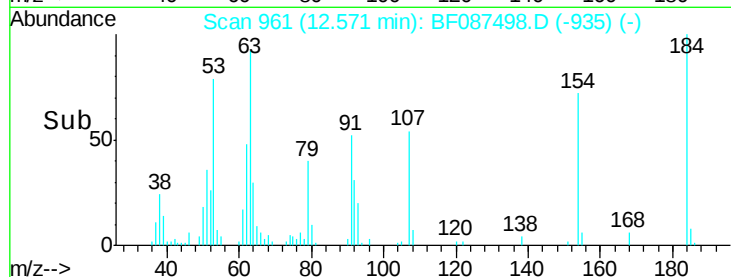
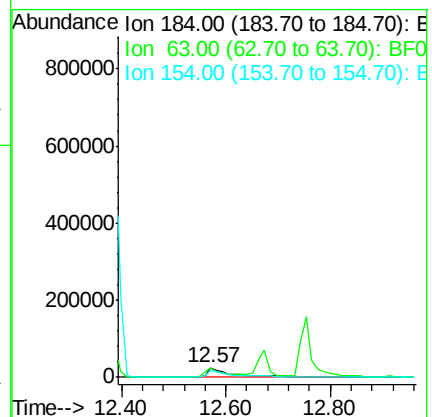
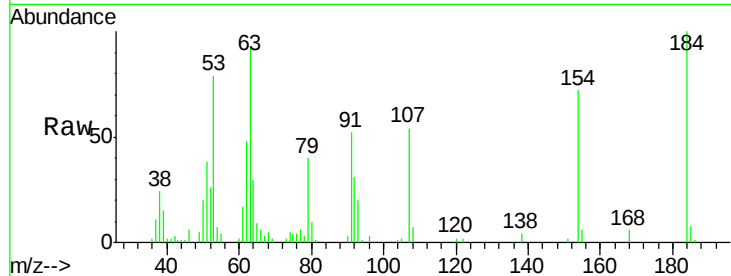
#53
2,4-Dinitrophenol
Concen: 35.76 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 89707
Ion Ratio Lower Upper
184 100
63 92.4 55.8 83.8#
154 72.0 62.4 93.6

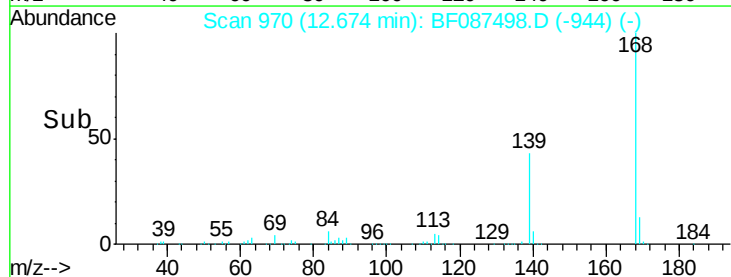
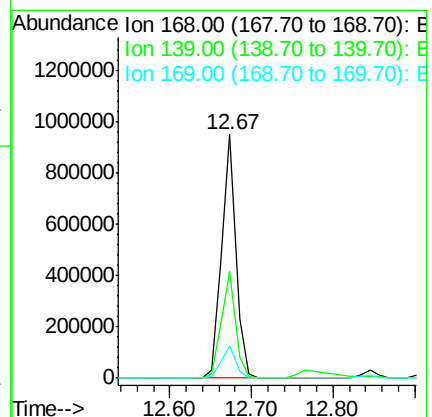
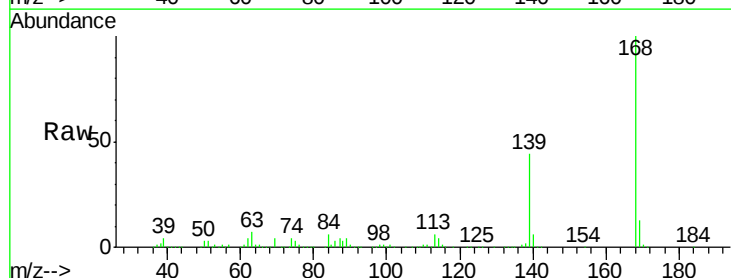
Manual Integrations
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#54
Dibenzofuran
Concen: 39.62 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion:168 Resp: 1147556
Ion Ratio Lower Upper
168 100
139 43.6 31.4 47.0
169 13.5 10.7 16.1





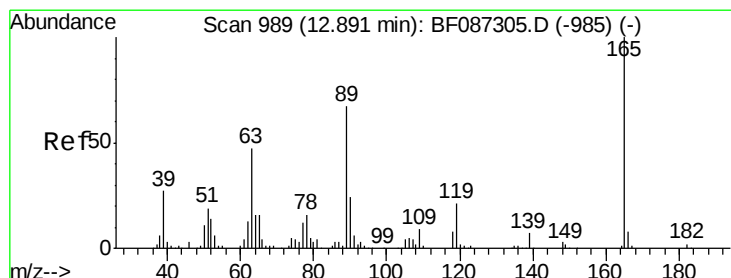
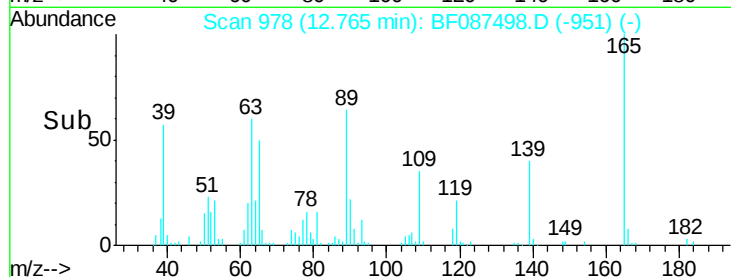
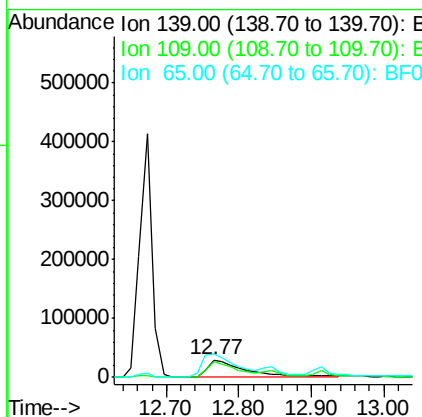
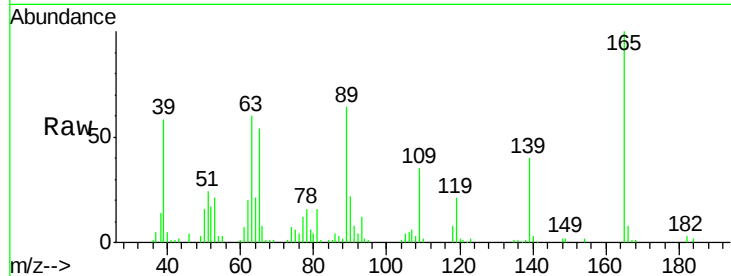
#55
4-Nitrophenol
Concen: 38.30 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	103313		
109	87.3	36.9	76.9#	
65	135.5	64.0	104.0#	

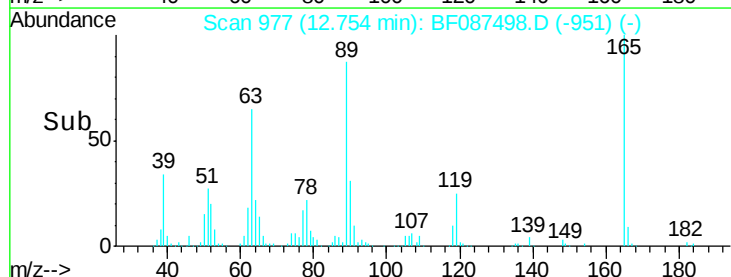
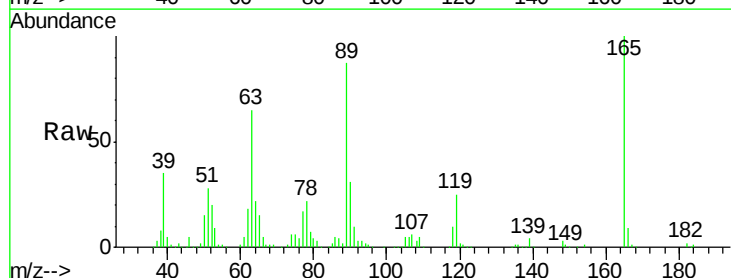
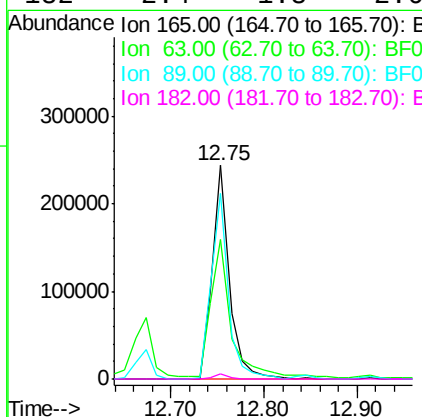
Manual Integrations
APPROVED

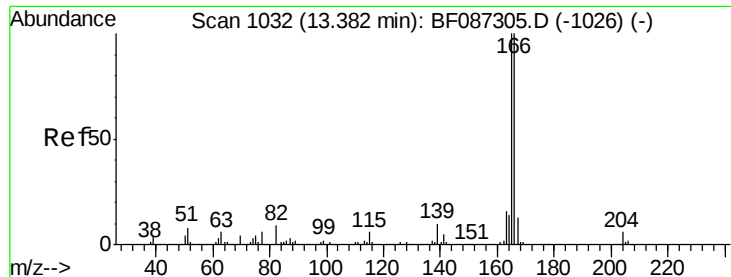
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#56
2,4-Dinitrotoluene
Concen: 42.68 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	314259		
63	65.0	44.3	66.5	
89	87.2	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 40.12 ng

RT: 13.22 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:166 Resp: 1007729

Ion Ratio Lower Upper

166 100

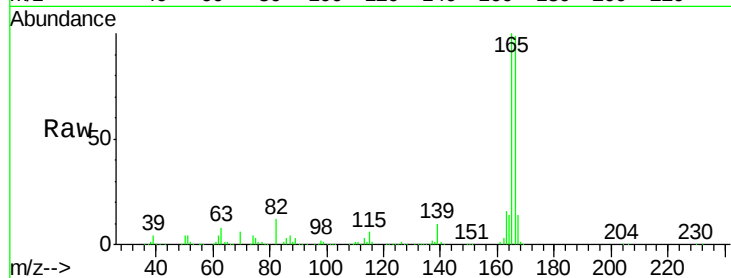
165 100.6 79.0 118.6

167 13.7 10.6 15.8

Manual Integrations
APPROVED

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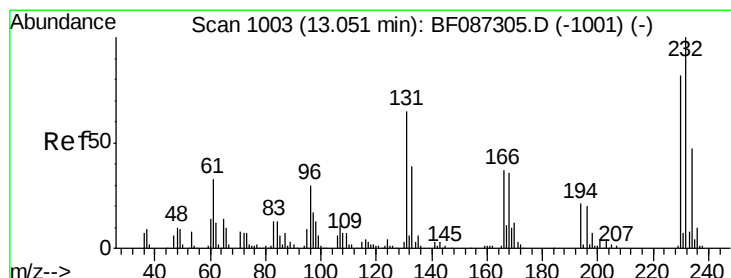
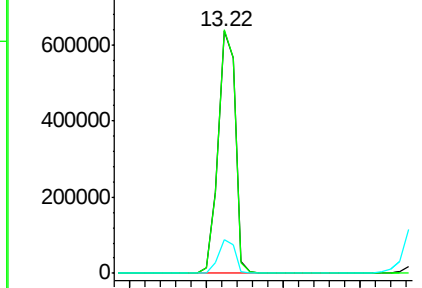
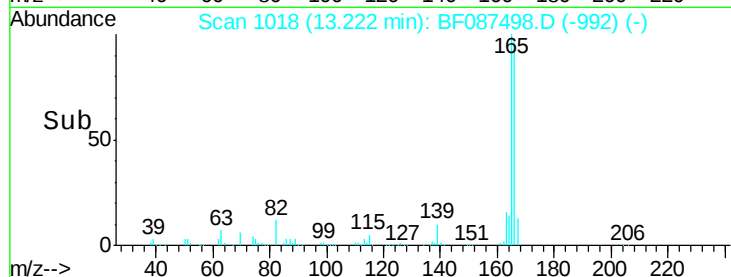
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.97 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion:232 Resp: 207363

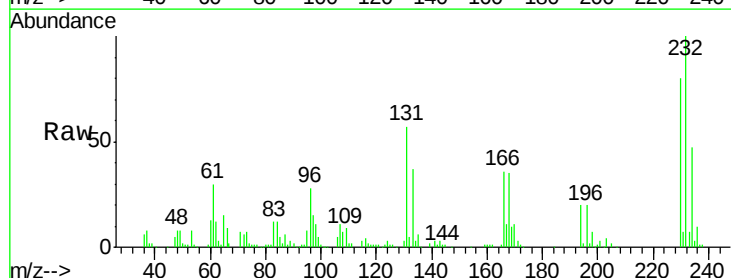
Ion Ratio Lower Upper

232 100

131 54.7 41.9 62.9

130 2.7 2.2 3.4

166 32.7 26.8 40.2

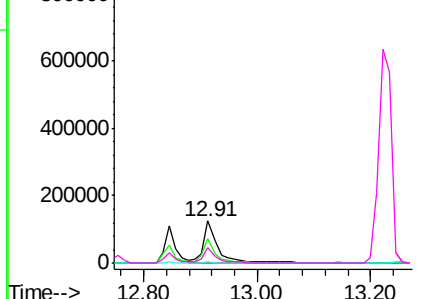
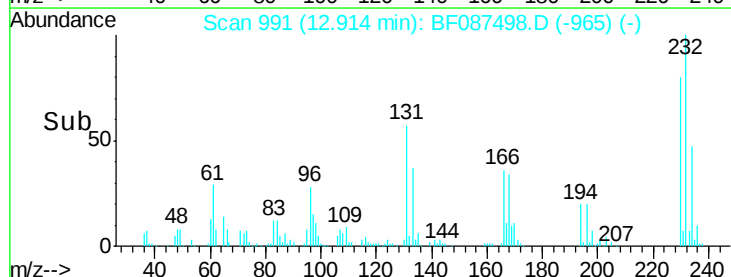


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





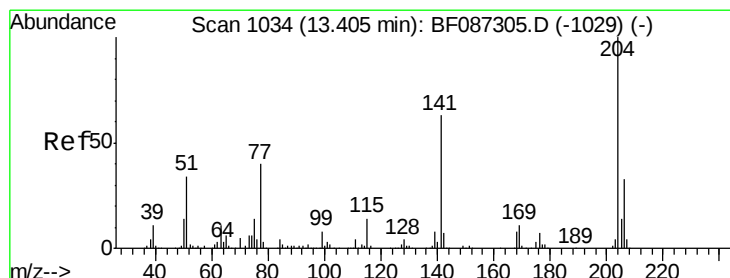
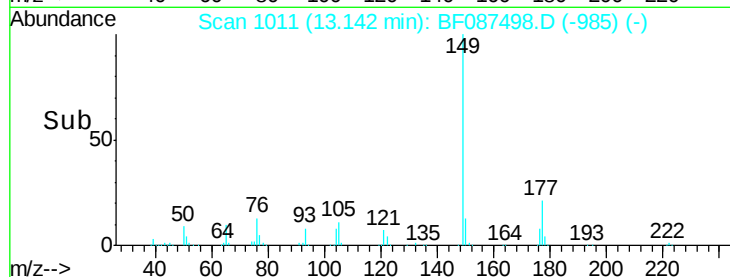
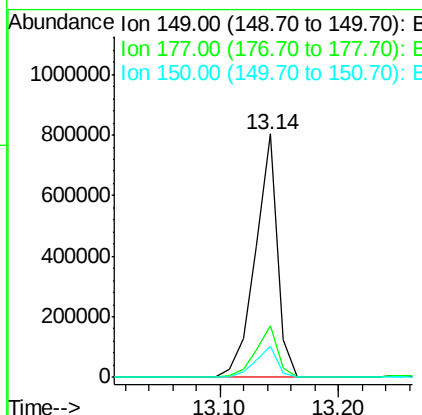
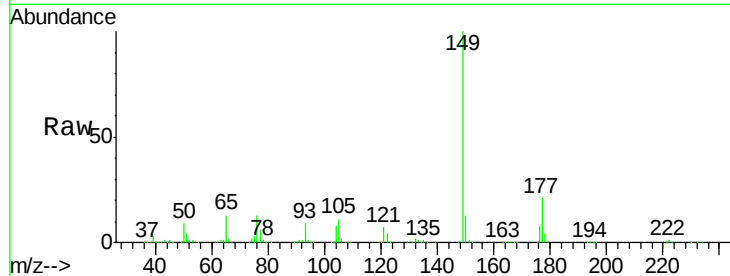
#59
Diethylphthalate
Concen: 39.30 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1044725
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.9 10.0 15.0

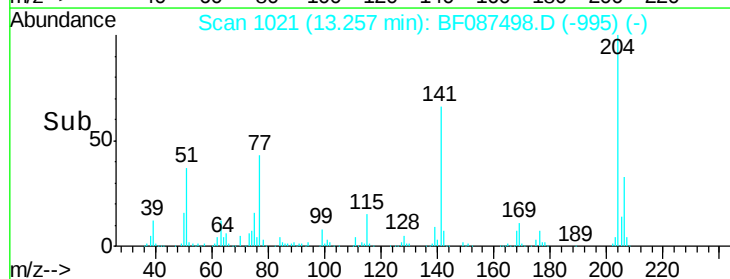
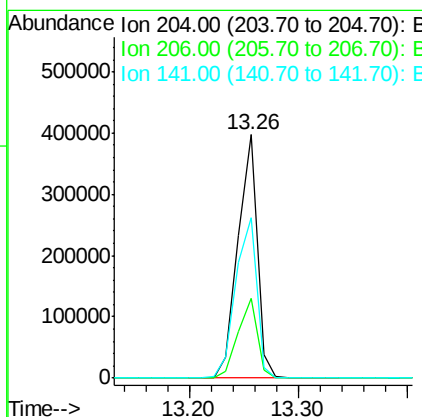
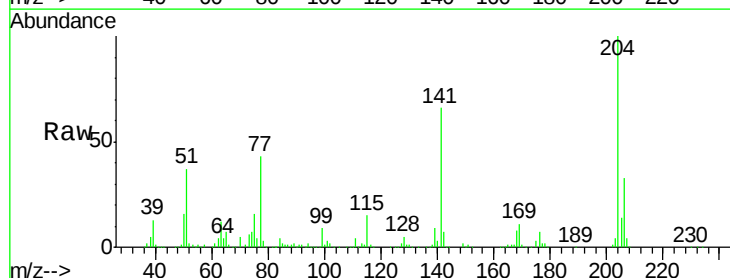
Manual Integrations
APPROVED

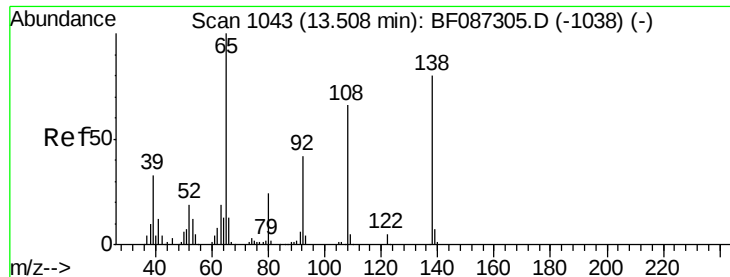
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 39.58 ng
RT: 13.26 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion:204 Resp: 484766
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 66.0 61.6 92.4





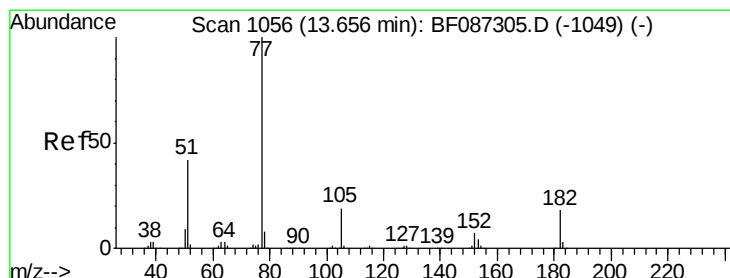
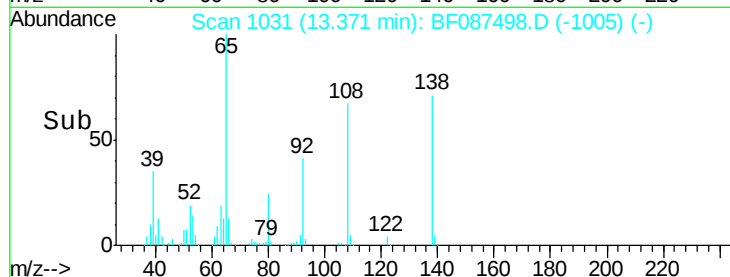
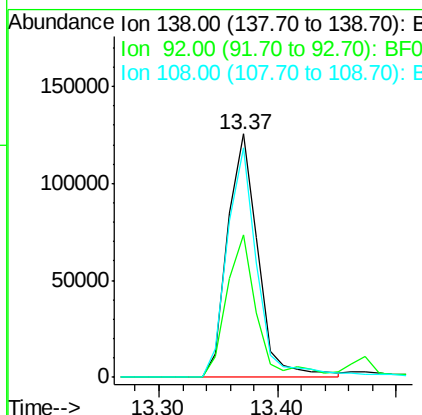
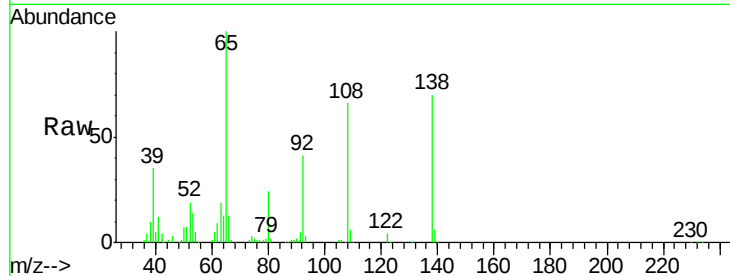
#61
4-Nitroaniline
Concen: 42.31 ng
RT: 13.37 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	24.7	64.7
108	94.1	37.4	77.4

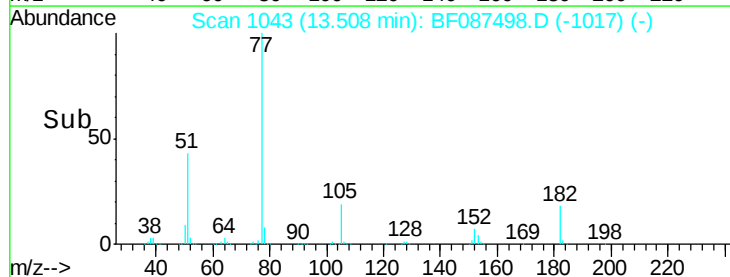
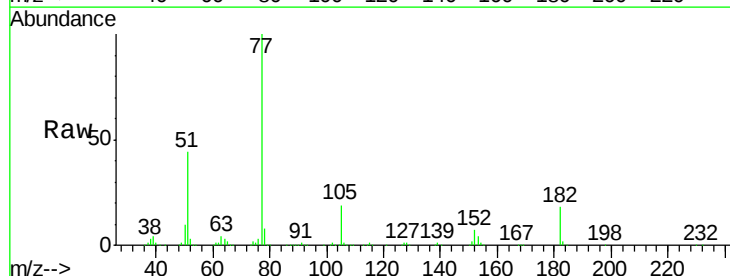
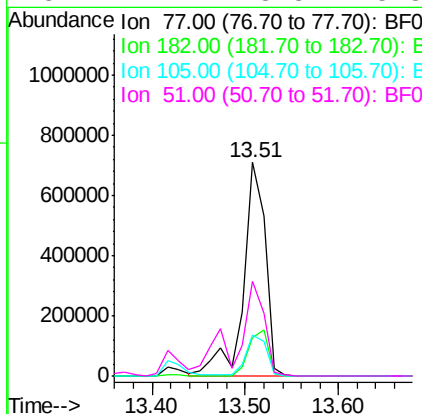
Manual Integrations
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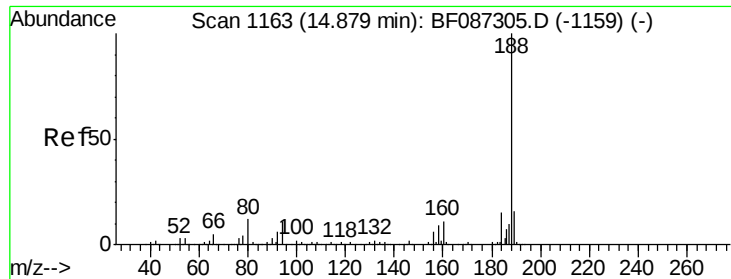
umangi
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#62
Azobenzene
Concen: 41.67 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	0.0	38.8
105	19.2	3.2	43.2
51	44.4	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

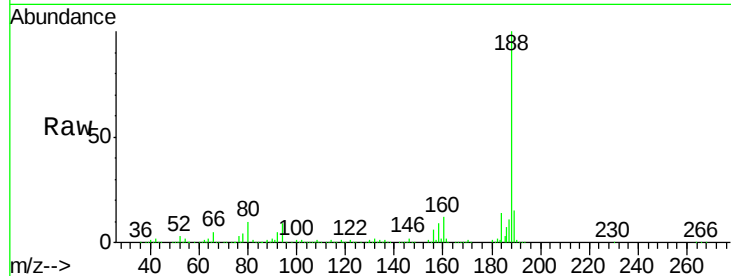
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	648975
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.8	10.2
80	10.4	7.1	10.7

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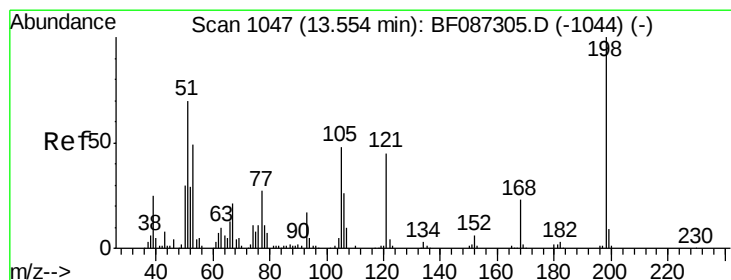
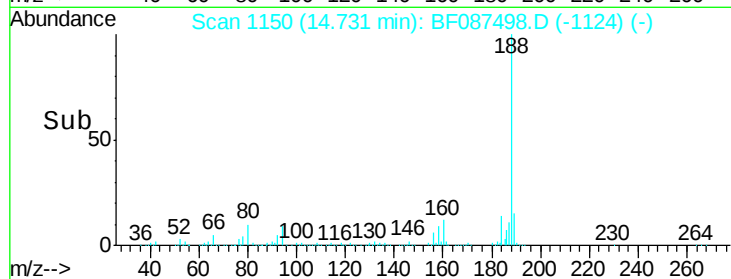
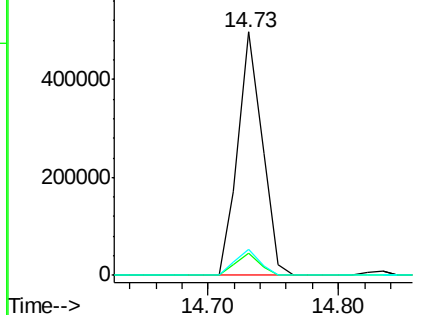
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.07 ng

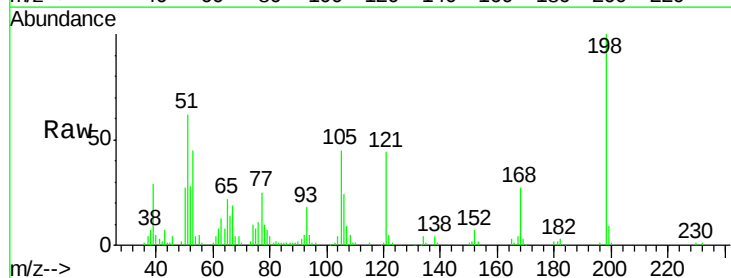
RT: 13.43 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

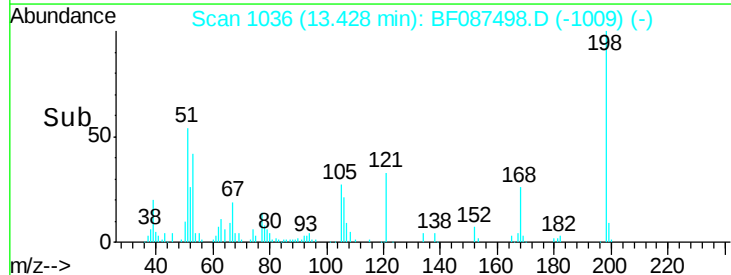
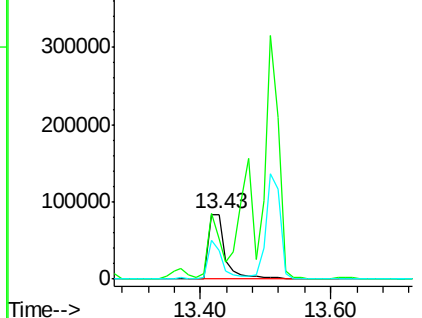
Tgt Ion:	198	Resp:	157100
Ion Ratio	Lower	Upper	
198	100		
51	62.0	20.5	60.5#
105	44.5	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





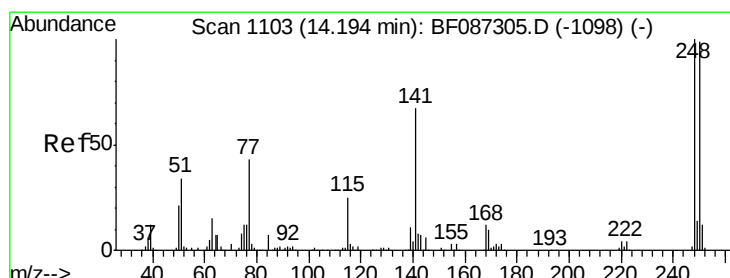
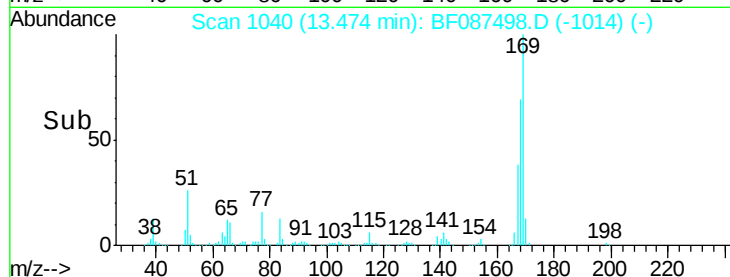
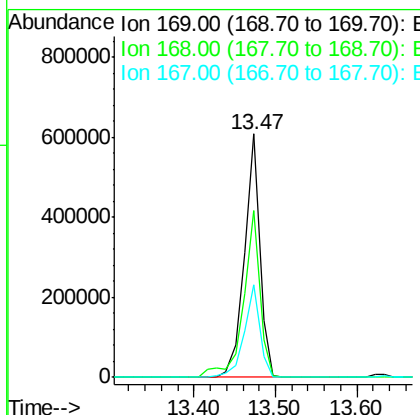
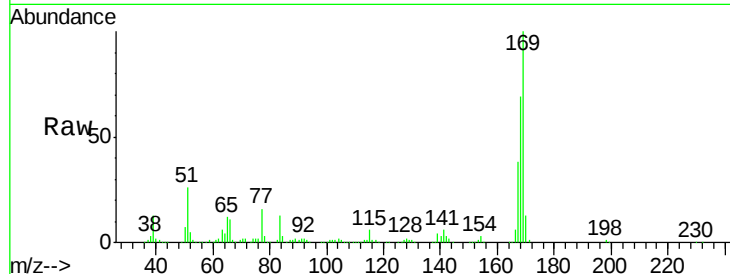
#65
n-Nitrosodiphenylamine
Concen: 38.17 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	801175		
168	68.7	53.8	80.6	
167	38.3	29.5	44.3	

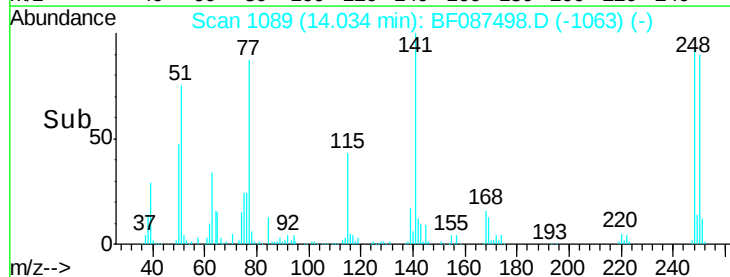
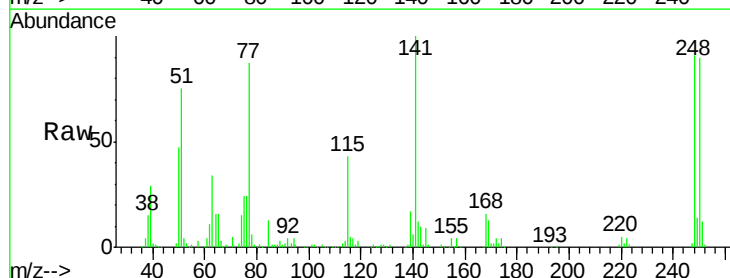
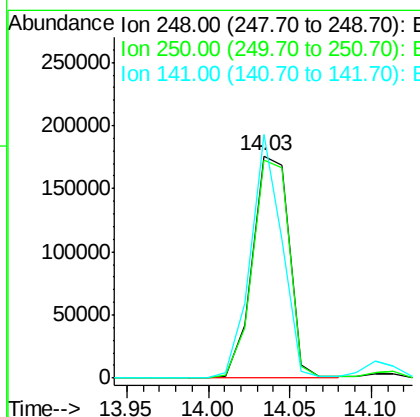
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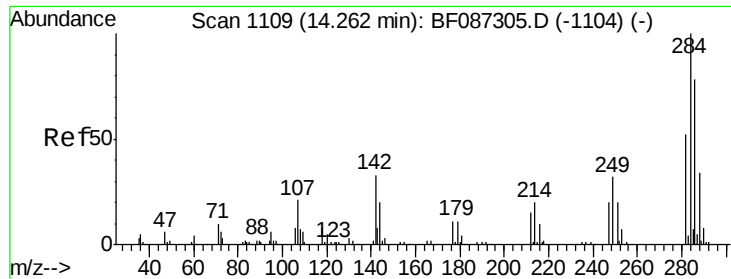
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#66
4-Bromophenyl-phenylether
Concen: 38.79 ng
RT: 14.03 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	275390		
250	98.0	78.6	117.8	
141	109.4	76.0	114.0	





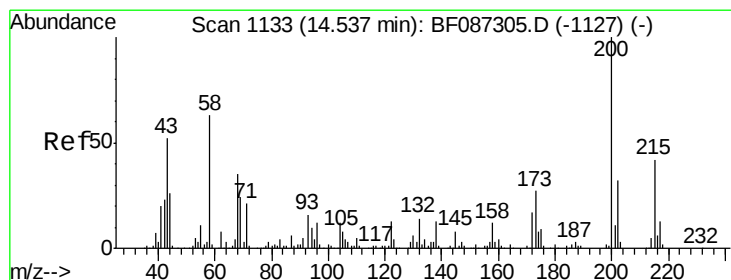
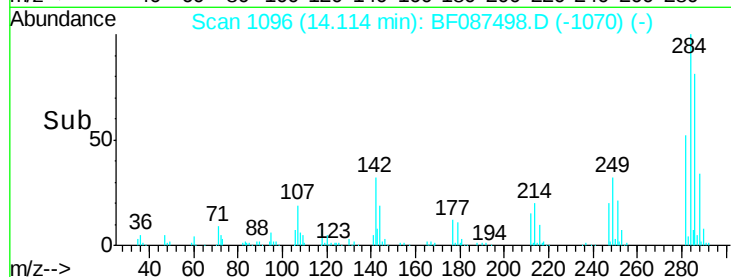
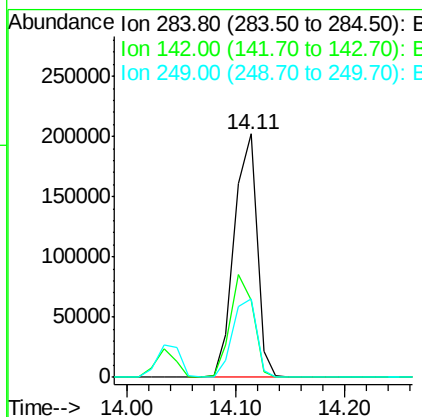
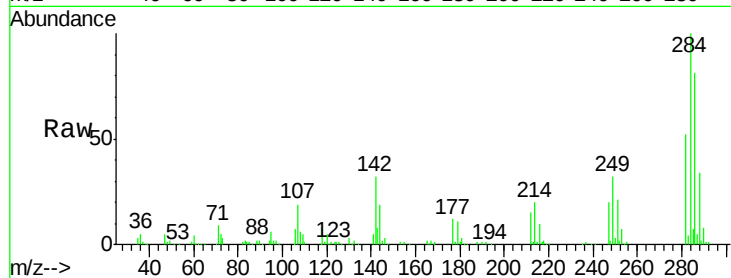
#67
Hexachlorobenzene
Concen: 39.18 ng
RT: 14.11 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	290942		
142	31.8	16.7	25.1#	
249	32.3	21.3	31.9#	

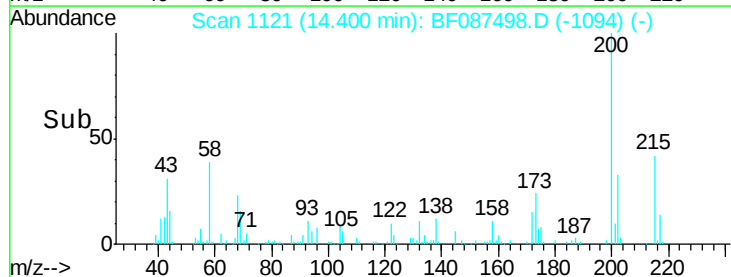
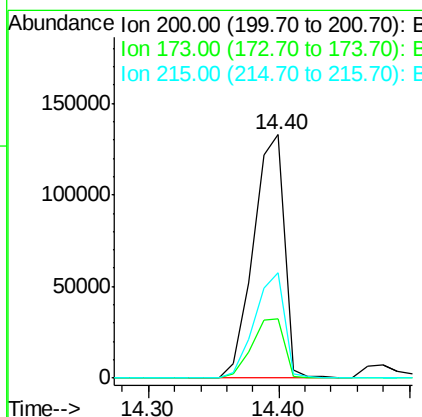
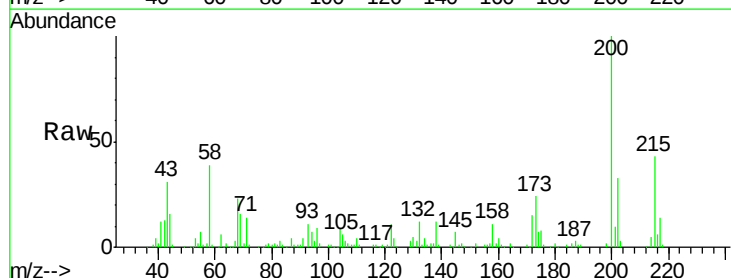
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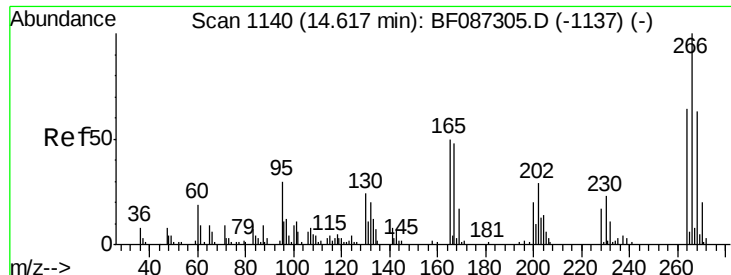
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#68
Atrazine
Concen: 33.07 ng
RT: 14.40 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	221229		
173	24.4	8.5	48.5	
215	43.1	27.2	67.2	





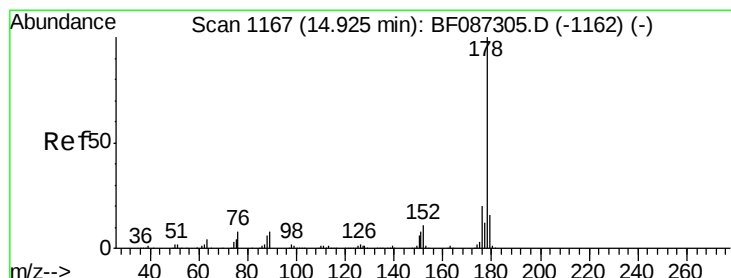
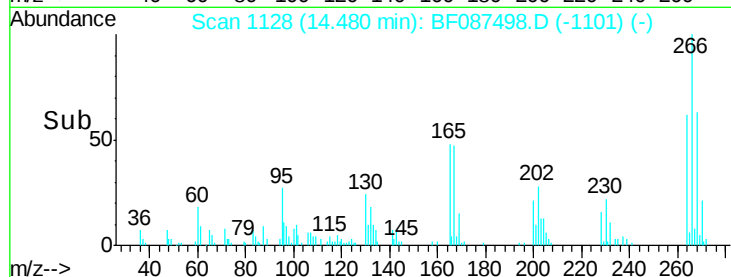
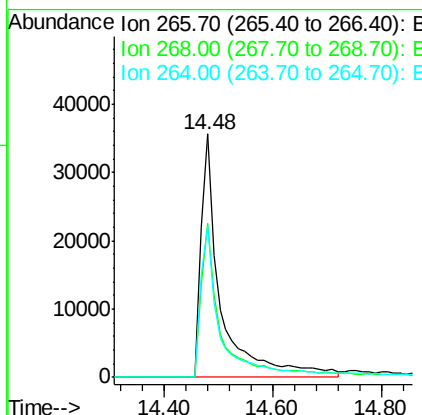
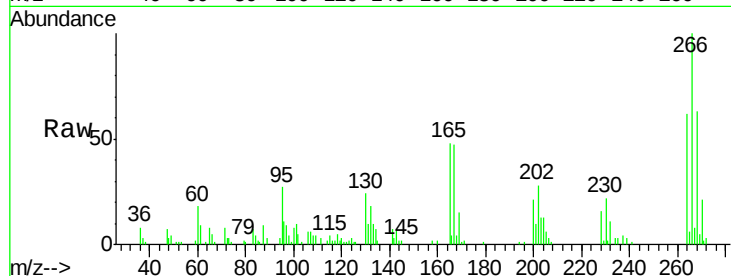
#69
 Pentachlorophenol
 Concen: 42.03 ng
 RT: 14.48 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.5	77.3
264	62.0	52.9	79.3

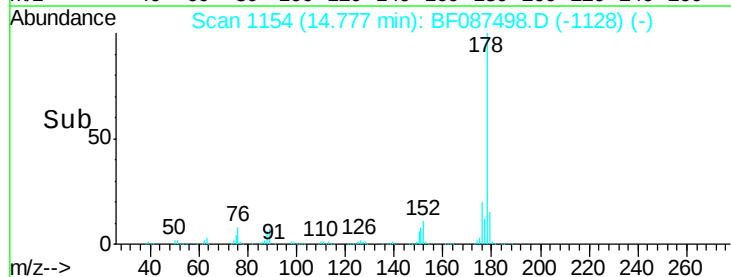
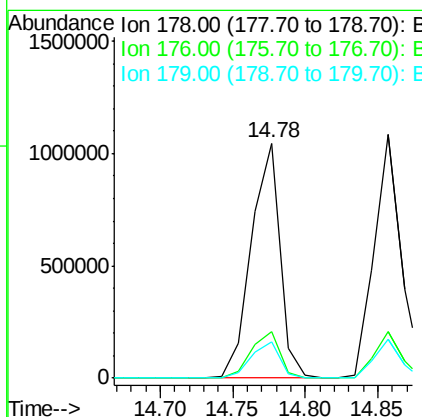
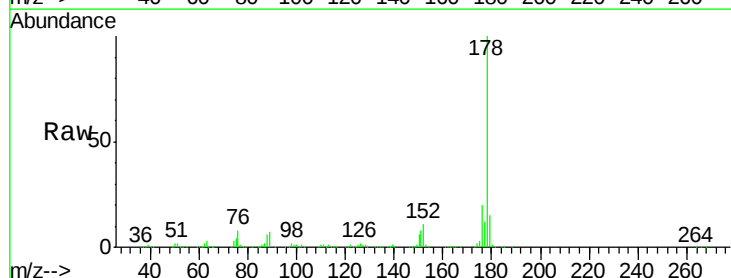
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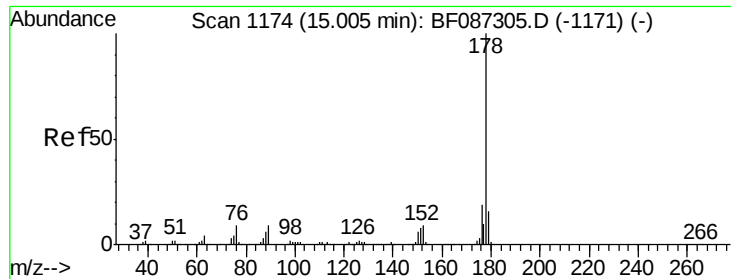
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#70
 Phenanthrene
 Concen: 40.11 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.4	12.6	18.8





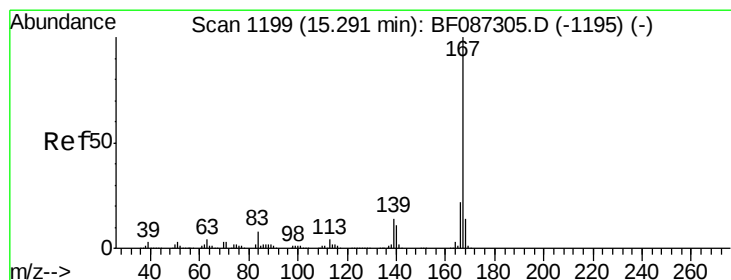
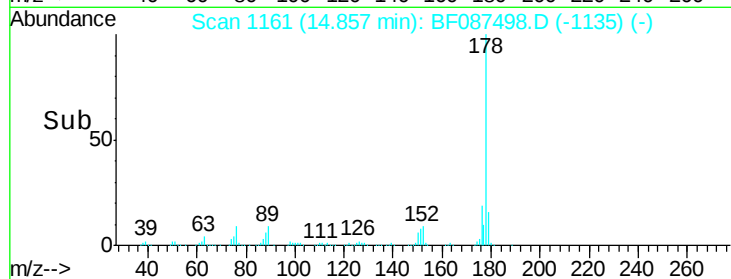
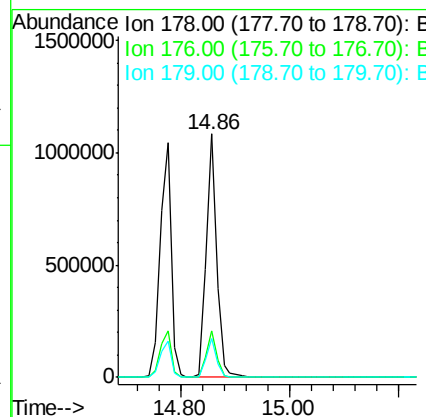
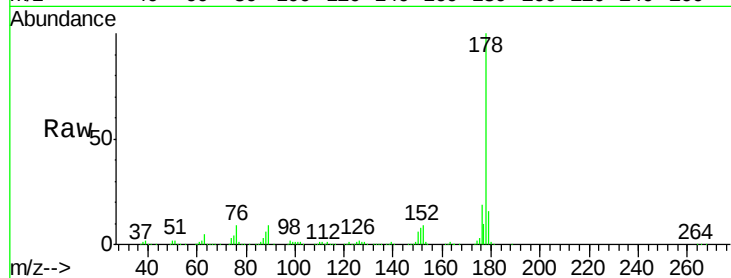
#71
 Anthracene
 Concen: 39.28 ng
 RT: 14.86 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1426518
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.7 12.7 19.1

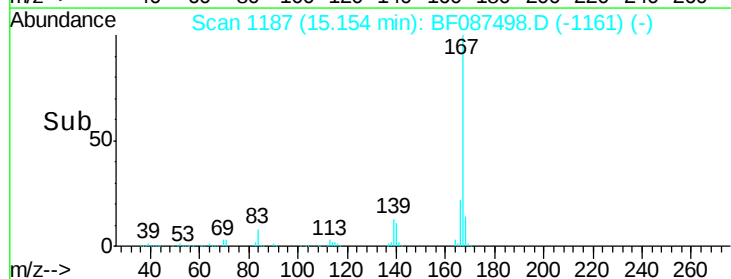
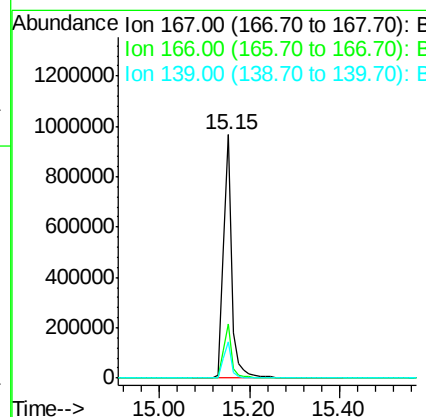
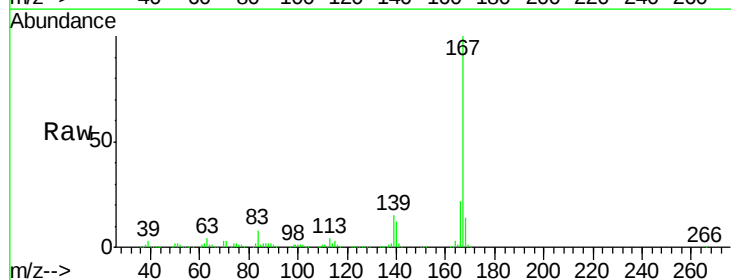
Manual Integrations
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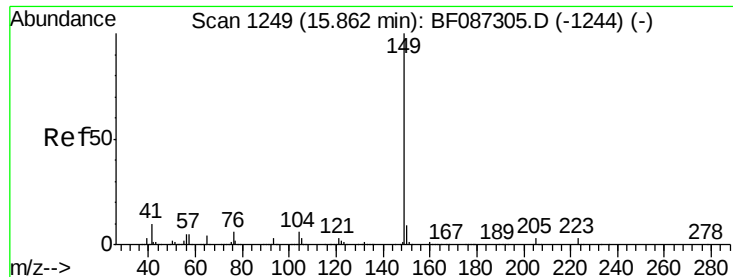
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#72
 Carbazole
 Concen: 40.53 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion:167 Resp: 1255412
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 38.33 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1535423

Ion Ratio Lower Upper

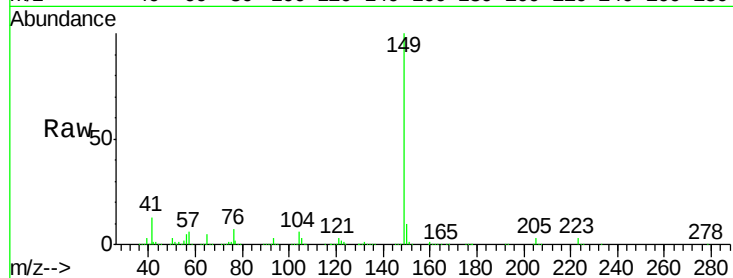
149 100

150 9.5 7.6 11.4

104 6.3 3.8 5.6#

Manual Integrations
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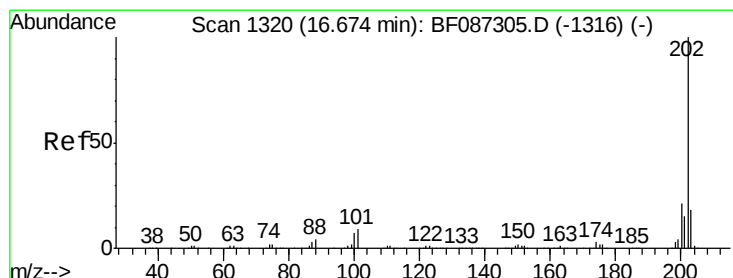
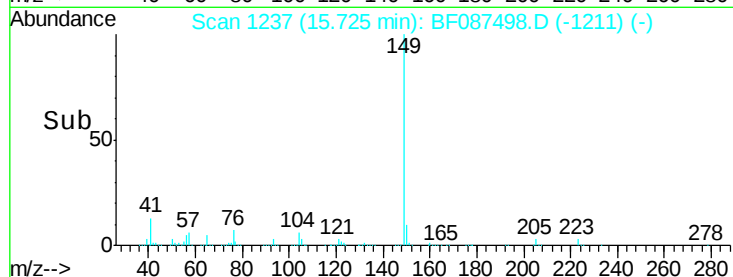
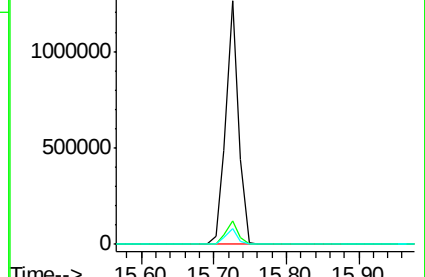
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.31 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

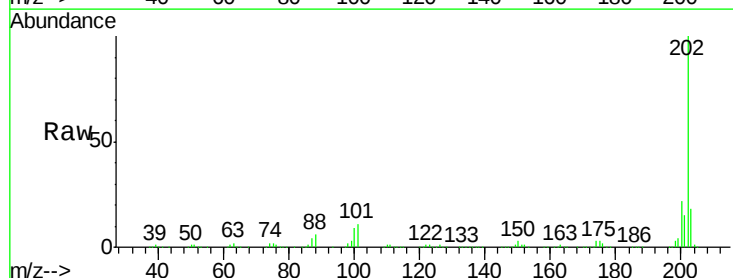
Tgt Ion:202 Resp: 1416974

Ion Ratio Lower Upper

202 100

101 11.3 0.0 35.4

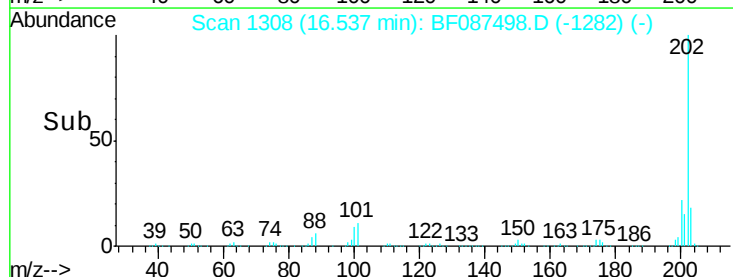
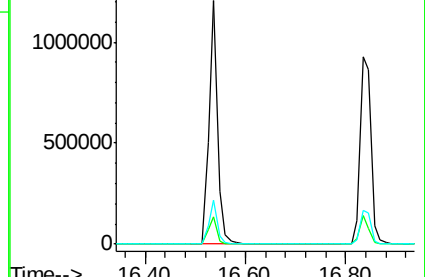
203 17.9 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF087498.D

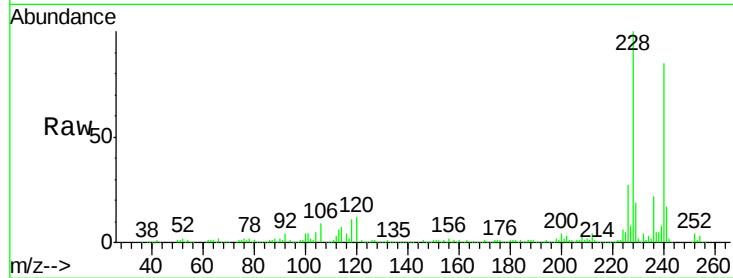
Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

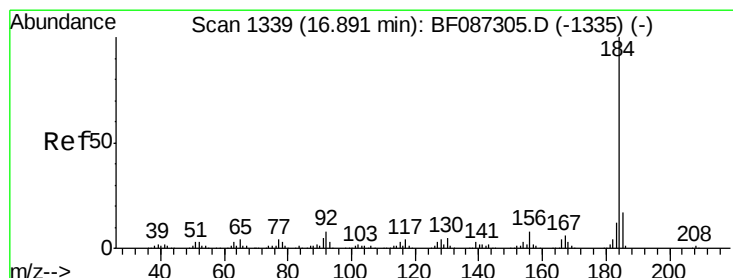
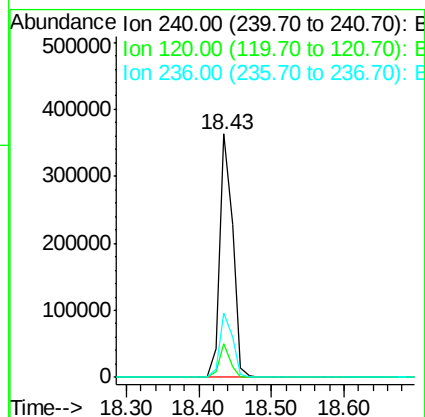
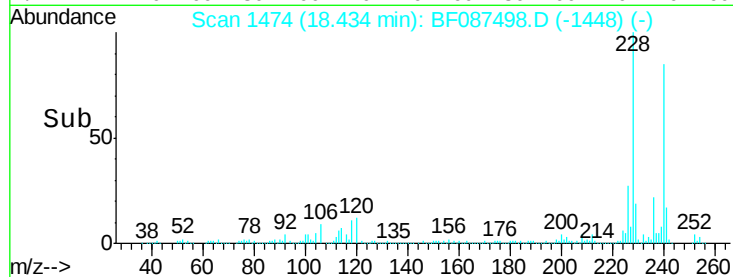
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	450226		
120	13.9	11.2	16.8	
236	26.5	21.2	31.8	

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#76

Benzidine

Concen: 47.42 ng

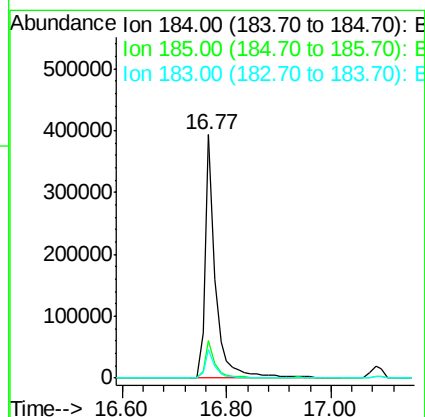
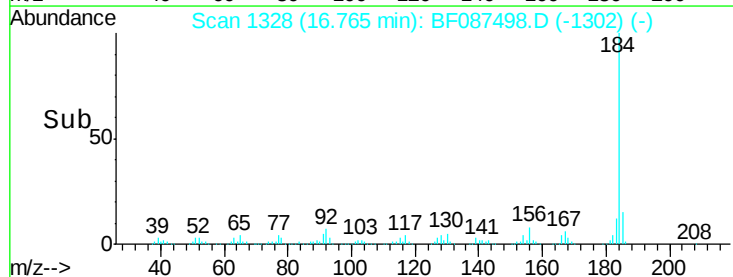
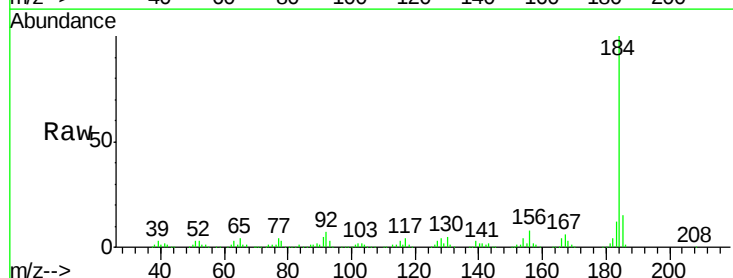
RT: 16.77 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	549393		
185	15.3	13.6	20.4	
183	11.9	9.8	14.6	





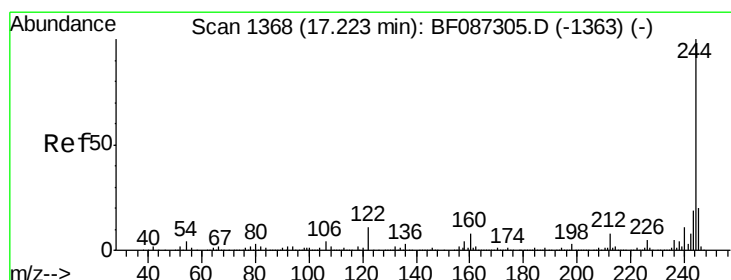
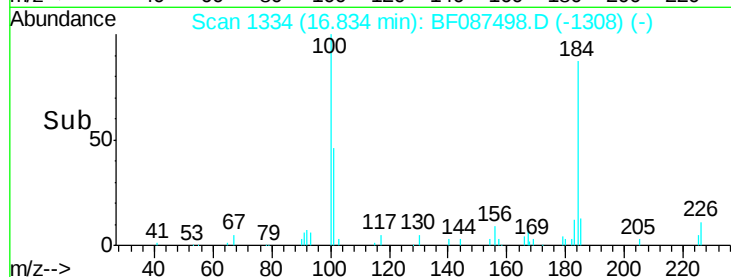
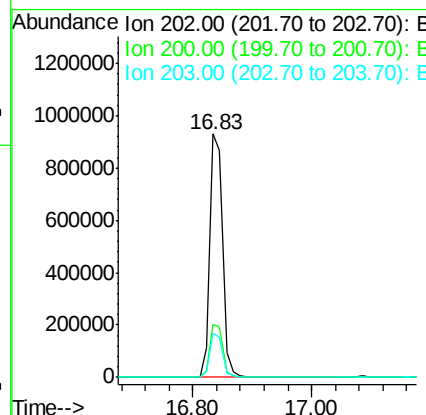
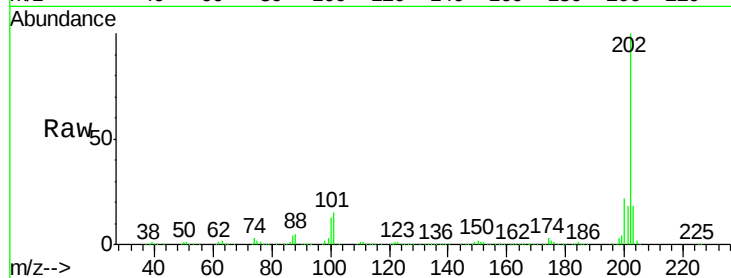
#77
 Pyrene
 Concen: 43.35 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 1404916
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.3 14.2 21.4

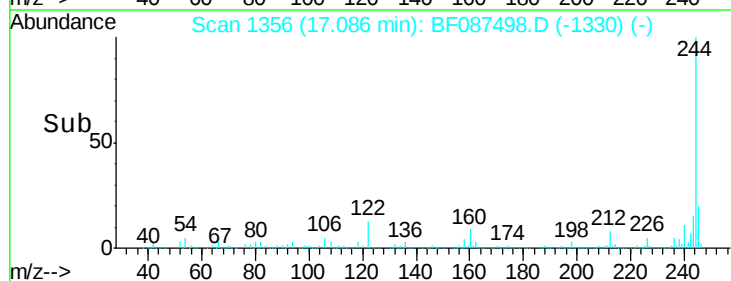
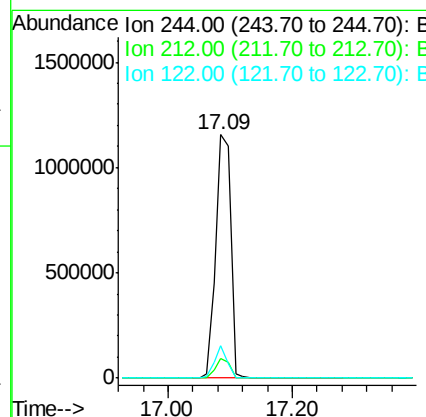
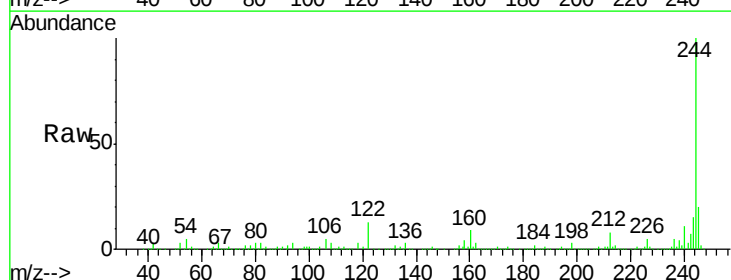
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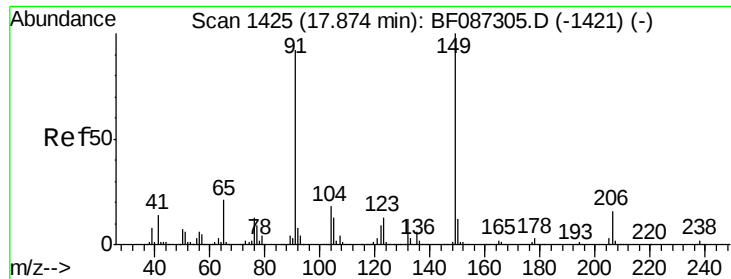
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#78
 Terphenyl-d14
 Concen: 89.82 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion: 244 Resp: 1902218
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.3 12.0 18.0





#79

Butylbenzylphthalate

Concen: 43.76 ng

RT: 17.75 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF087498.D

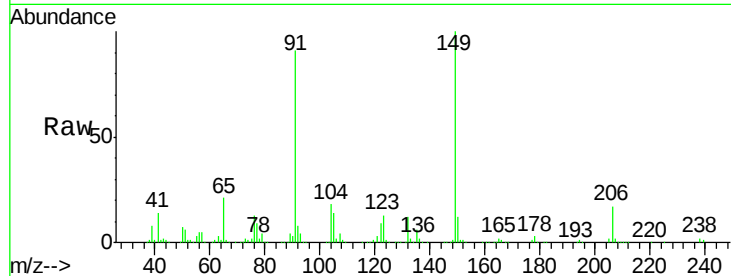
Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 628963

Ion Ratio Lower Upper

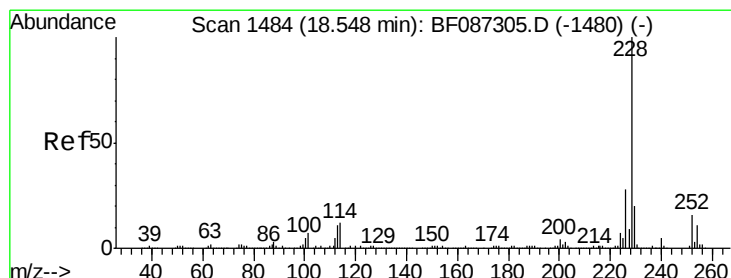
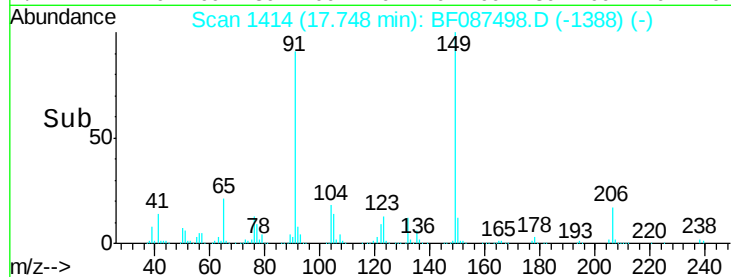
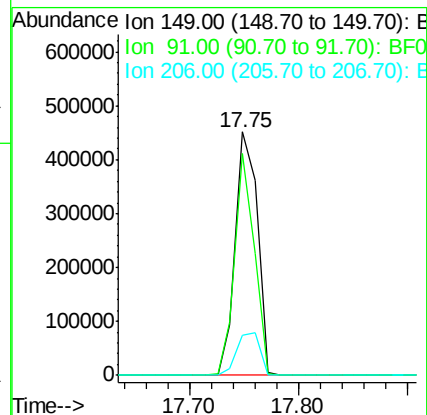
149 100

91 91.3 48.0 72.0#

206 16.5 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 40.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

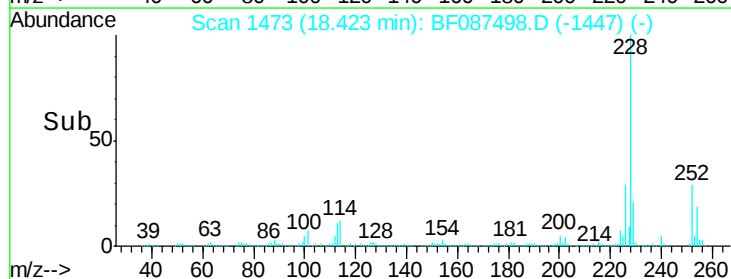
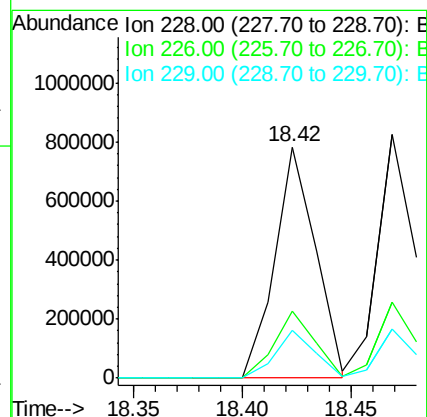
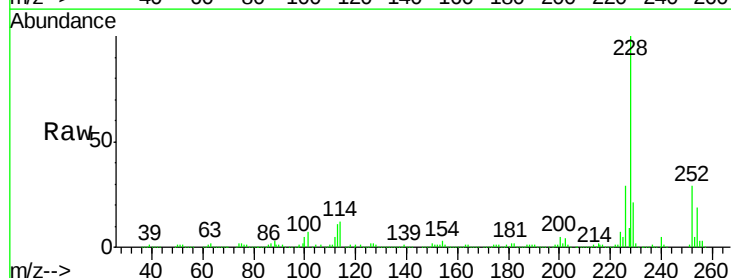
Tgt Ion:228 Resp: 1024485

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

229 20.6 16.6 25.0





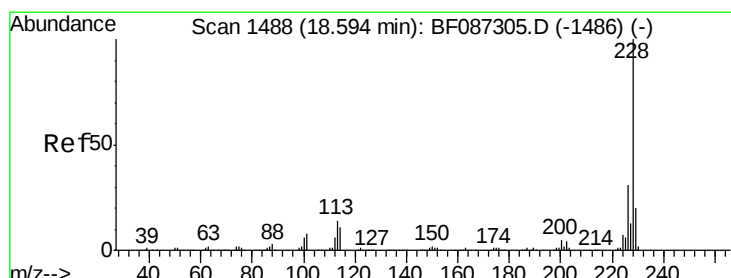
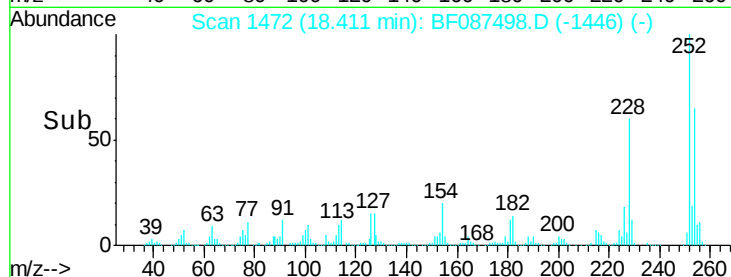
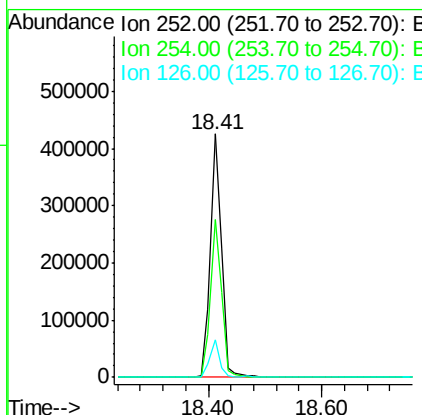
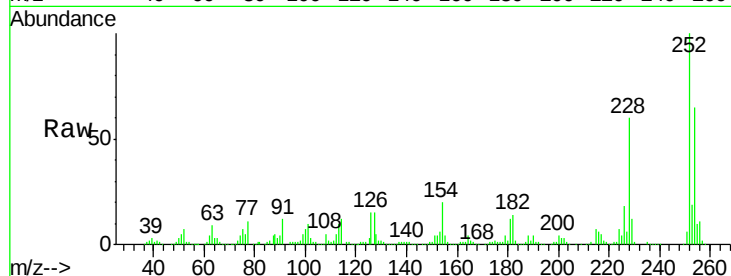
#81
 3,3'-Dichlorobenzidine
 Concen: 39.66 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.7	76.1
126	15.4	12.7	19.1

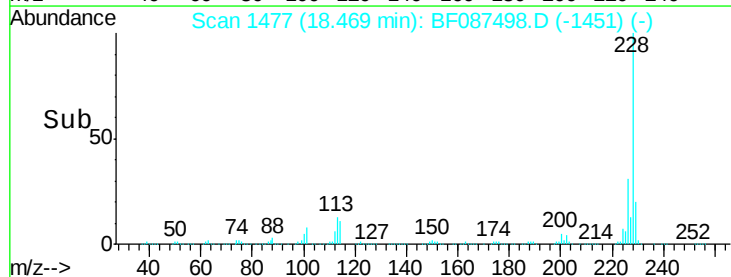
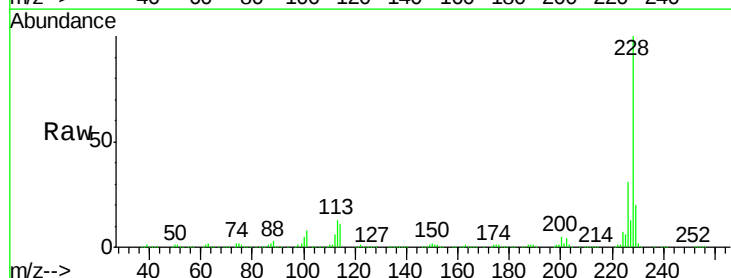
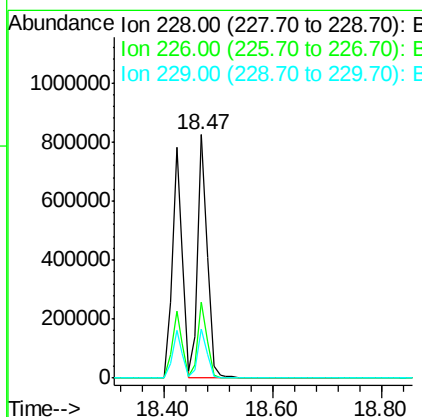
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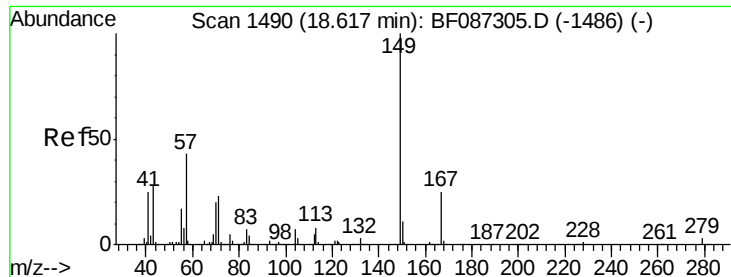
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#82
 Chrysene
 Concen: 39.13 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.37 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 846582
Ion Ratio Lower Upper

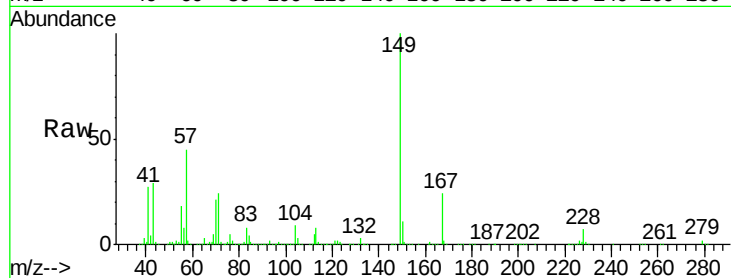
149 100

167 24.2 21.8 32.6

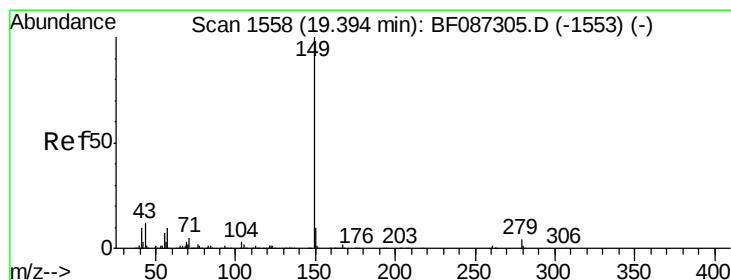
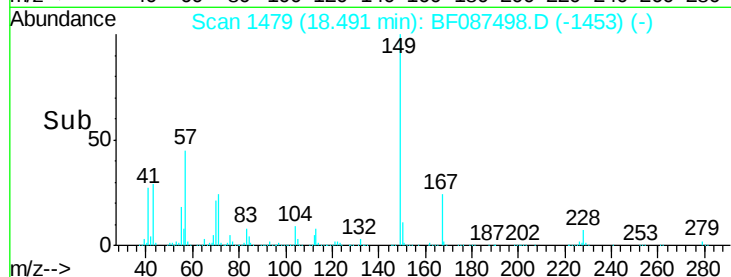
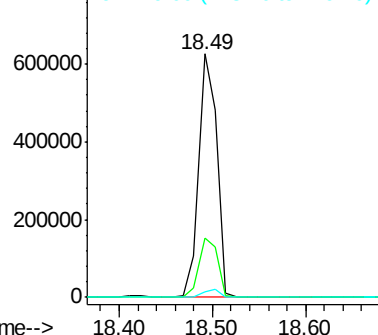
279 2.3 2.6 4.0#

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



#84

Di-n-octyl phthalate

Concen: 38.44 ng

RT: 19.27 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF087498.D

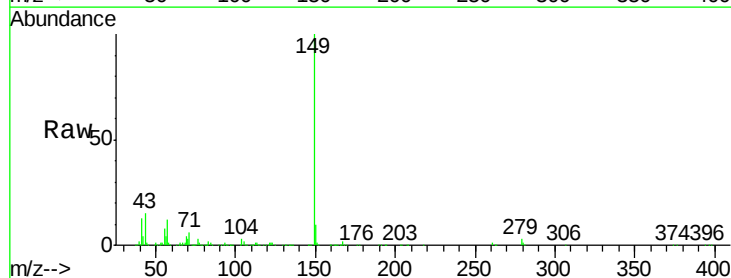
Acq: 29 May 2016 1:47

Tgt Ion:149 Resp: 1229291
Ion Ratio Lower Upper

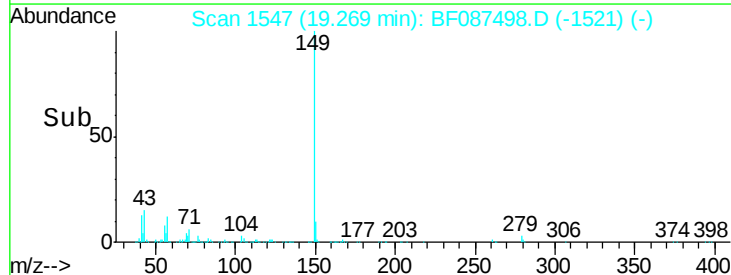
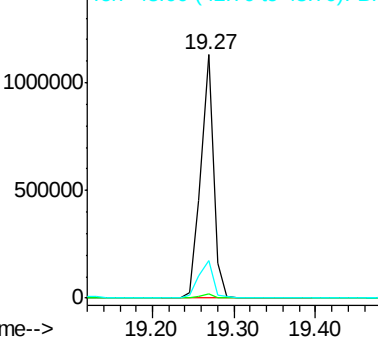
149 100

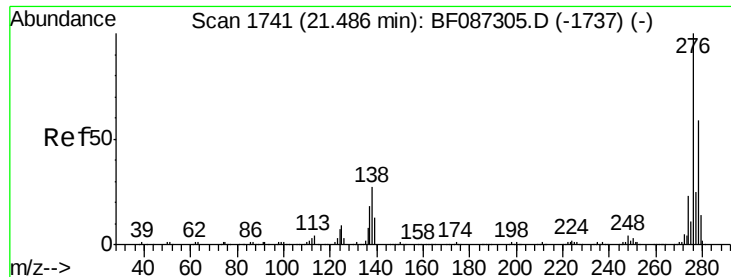
167 1.5 1.2 1.8

43 17.6 8.2 12.4#



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





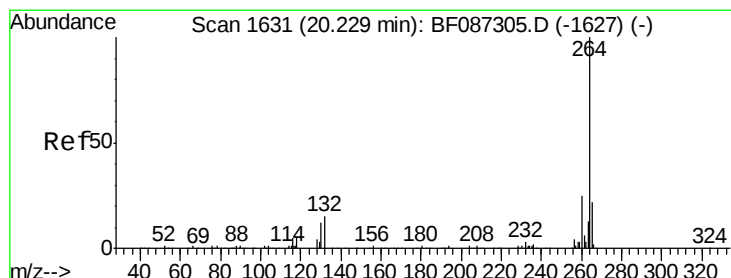
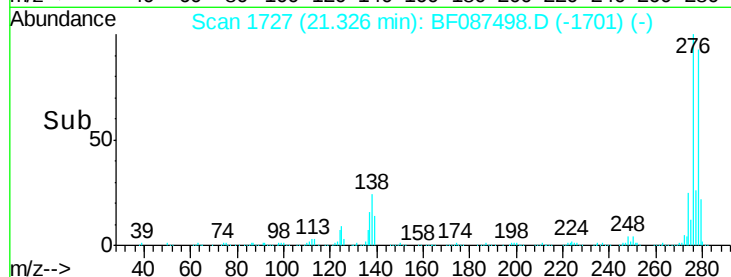
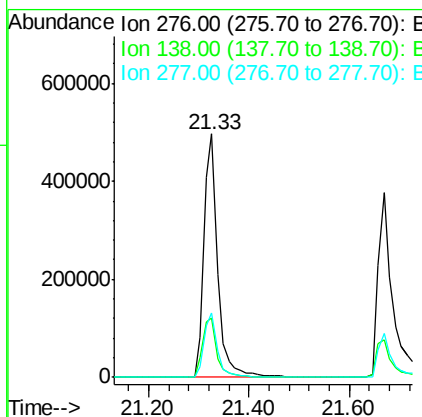
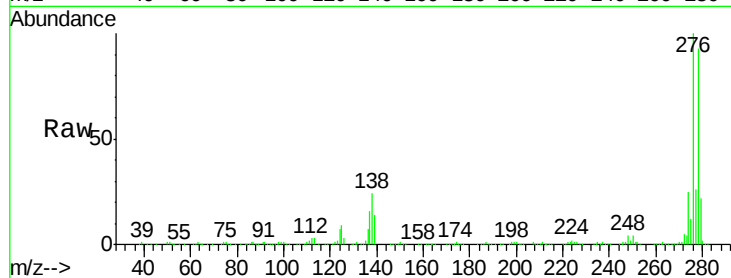
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.50 ng
RT: 21.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.0	25.6	38.4
277	25.8	20.5	30.7

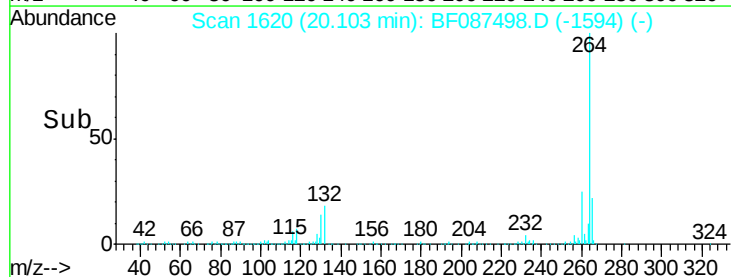
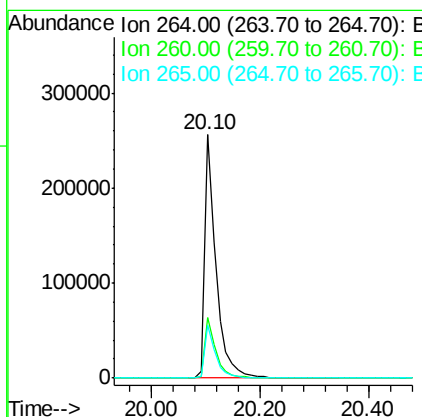
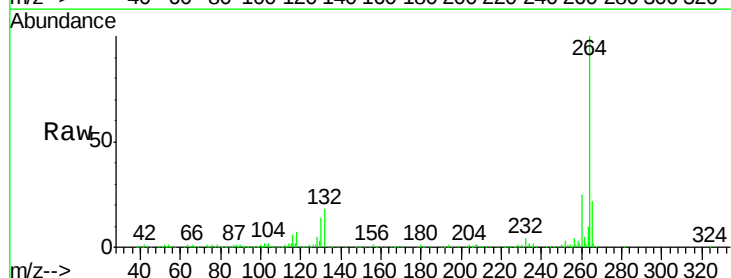
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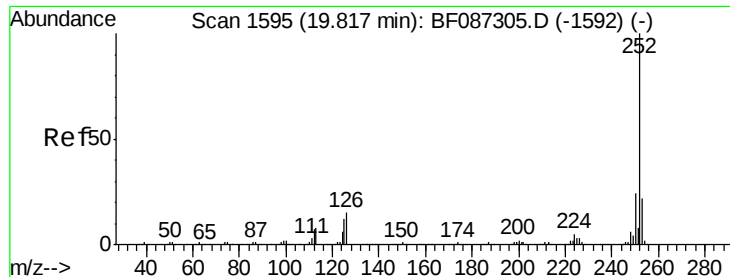
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BF087498.D
Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.31 ng

RT: 19.70 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

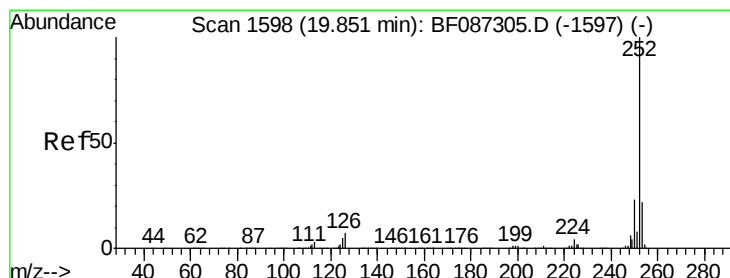
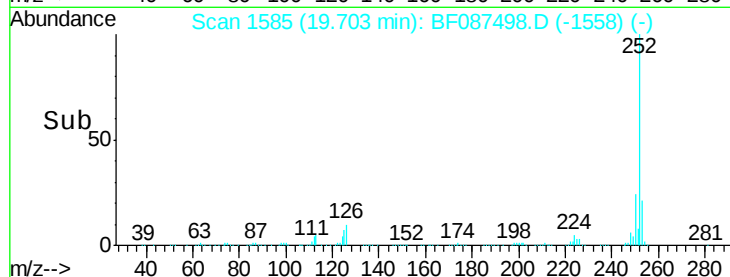
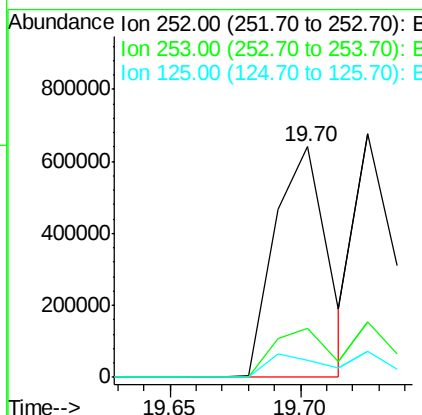
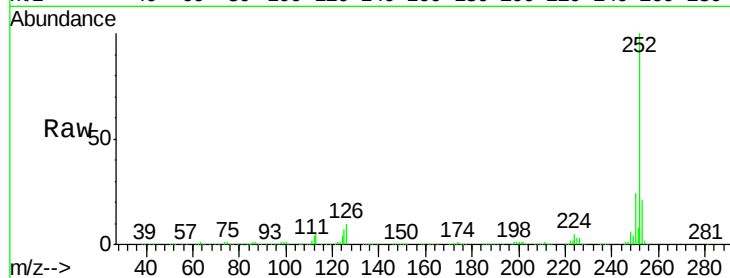
Instrument :
BNA_F

ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	7.4	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 40.05 ng m

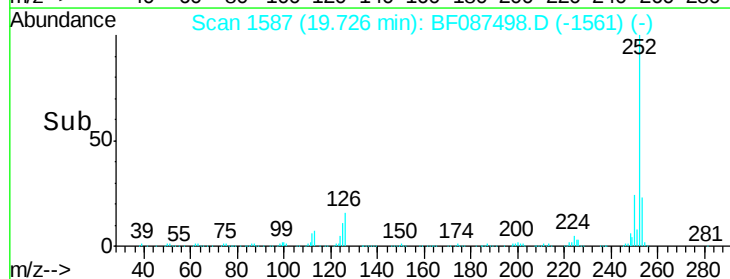
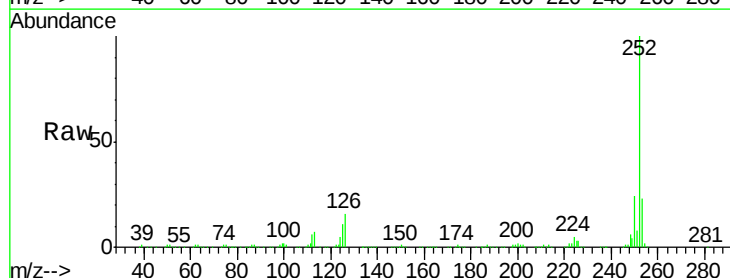
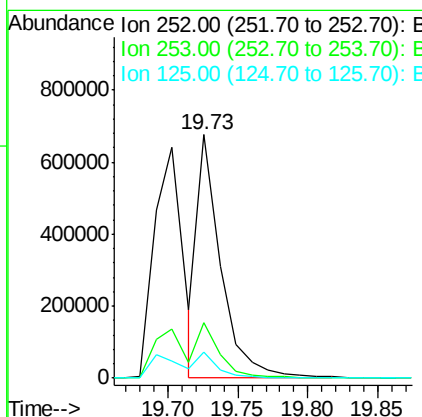
RT: 19.73 min Scan# 1587

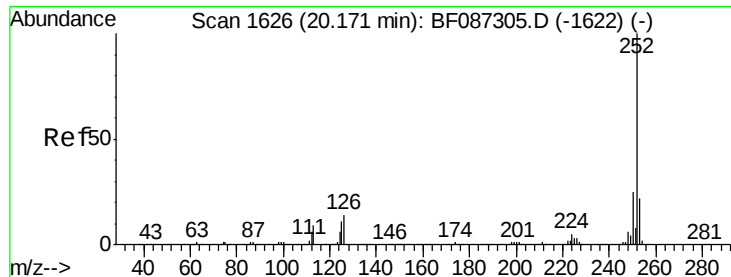
Delta R.T. 0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.7	9.1	13.7





#89

Benzo(a)pyrene

Concen: 39.35 ng

RT: 20.05 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF087498.D

Acq: 29 May 2016 1:47

Instrument :

BNA_F

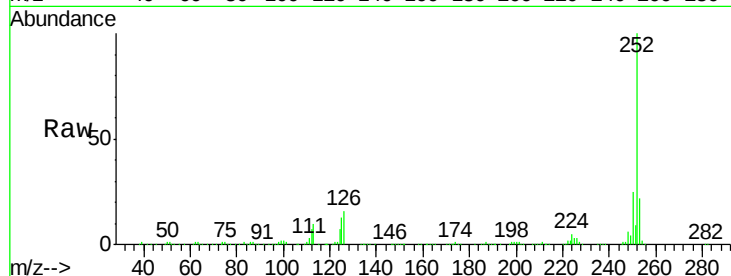
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	792874
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	12.5	9.0	13.6

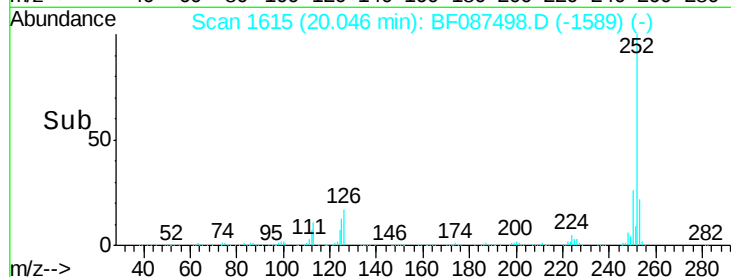
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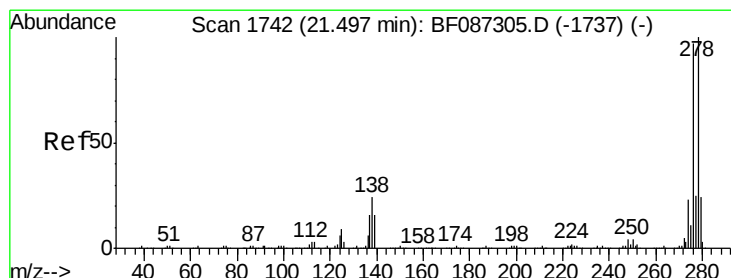


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

20.05



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 46.67 ng

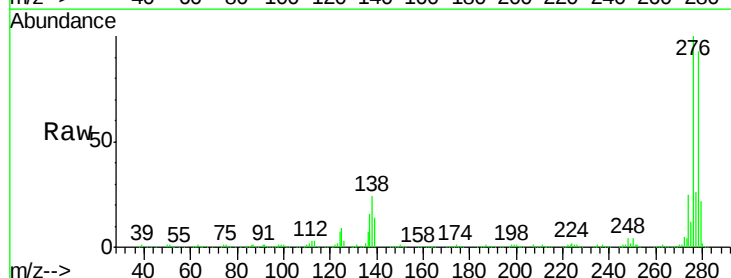
RT: 21.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BF087498.D

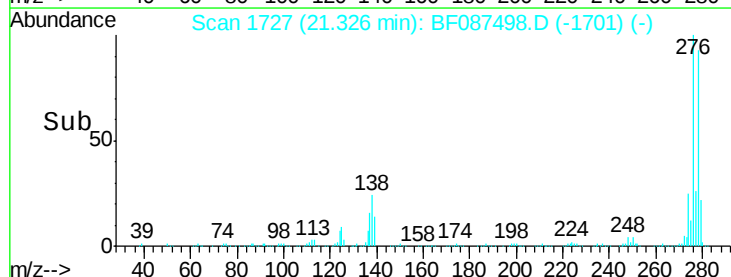
Acq: 29 May 2016 1:47

Tgt Ion:	278	Resp:	801955
Ion Ratio	Lower	Upper	
278	100		
139	14.6	16.6	24.8#
279	23.7	19.6	29.4

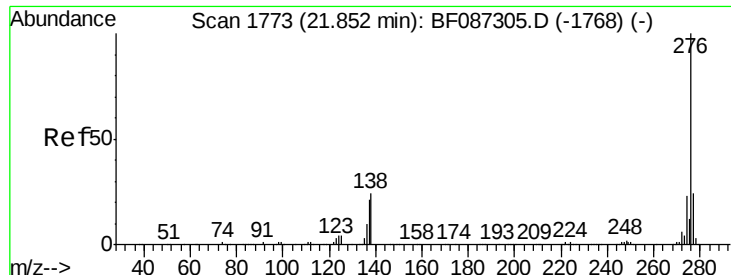


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

21.33



Time-->



#91
 Benzo(g,h,i)perylene
 Concen: 47.24 ng
 RT: 21.67 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF087498.D
 Acq: 29 May 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.6	29.4
138	20.4	23.6	35.4

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