

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090532.D
 Acq On : 12 Oct 2016 13:45
 Operator : UM/SJ
 Sample : PB93973BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Manual Integrations
 APPROVED

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 10/13/2016 2:04:29 PM

Quant Time: Oct 12 16:31:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	249566	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1055485	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	545040	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	899238	20.00	ng	0.00
75) Chrysene-d12	14.13	240	808152	20.00	ng	0.00
86) Perylene-d12	15.61	264	558975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1639955	102.23	ng	0.02
7) Phenol-d6	6.60	99	2109672	104.21	ng	0.01
23) Nitrobenzene-d5	7.51	82	1343943	69.06	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	687854	127.31	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2609342	80.45	ng	0.00
78) Terphenyl-d14	13.07	244	2357178	71.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	193825m	24.63	ng	
3) Pyridine	3.49	79	562062m	25.84	ng	
4) n-Nitrosodimethylamine	3.43	42	189700m	26.61	ng	
6) Aniline	6.62	93	483200	18.82	ng	# 75
8) 2-Chlorophenol	6.74	128	596288	34.94	ng	97
9) Benzaldehyde	6.50	77	152615	11.97	ng	94
10) Phenol	6.61	94	745077	32.63	ng	93
11) bis(2-Chloroethyl)ether	6.69	93	582052	34.05	ng	89
12) 1,3-Dichlorobenzene	6.89	146	618978m	33.62	ng	
13) 1,4-Dichlorobenzene	6.97	146	651658	34.69	ng	97
14) 1,2-Dichlorobenzene	7.13	146	599885	35.14	ng	94
15) Benzyl Alcohol	7.09	79	474382	30.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	699701	28.56	ng	65
17) 2-Methylphenol	7.22	107	509042	36.68	ng	97
18) Hexachloroethane	7.46	117	241532	34.84	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	479778	37.16	ng	# 79
20) 3+4-Methylphenols	7.37	107	658620	37.48	ng	# 83
22) Acetophenone	7.37	105	860147	37.02	ng	# 91
24) Nitrobenzene	7.54	77	697306	33.41	ng	# 88
25) Isophorone	7.78	82	1225963	34.62	ng	95
26) 2-Nitrophenol	7.85	139	328723	34.52	ng	# 80
27) 2,4-Dimethylphenol	7.89	122	576786	35.63	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	774600	35.41	ng	# 97
29) 2,4-Dichlorophenol	8.10	162	512244	37.84	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	553233	35.57	ng	98
31) Naphthalene	8.26	128	1770982	33.68	ng	98
32) Benzoic acid	8.03	122	338780	26.52	ng	99
33) 4-Chloroaniline	8.31	127	267651	12.02	ng	# 88
34) Hexachlorobutadiene	8.37	225	291683	33.55	ng	99
35) Caprolactam	8.68	113	181803m	41.42	ng	
36) 4-Chloro-3-methylphenol	8.81	107	569095	35.99	ng	90
37) 2-Methylnaphthalene	8.95	142	1198466	33.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	508366	33.32	ng	97
40) Hexachlorocyclopentadiene	9.10	237	632487	83.51	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	359461	34.94	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	371947	36.53	nq	96
45) 1,1'-Biphenyl	9.41	154	1367644	32.85	nq	96
46) 2-Chloronaphthalene	9.45	162	1140845	36.83	nq	93
47) 2-Nitroaniline	9.54	65	363459	32.90	nq	98
48) Acenaphthylene	9.86	152	1718818	34.40	nq	99
49) Dimethylphthalate	9.72	163	1344524	36.68	nq	99
50) 2,6-Dinitrotoluene	9.78	165	286146	35.35	nq	88
51) Acenaphthene	10.03	154	1179722	35.23	nq	97
52) 3-Nitroaniline	9.95	138	165029	16.43	nq	97
53) 2,4-Dinitrophenol	10.05	184	255038	56.79	nq #	79
54) Dibenzofuran	10.20	168	1508020	33.84	nq	95
55) 4-Nitrophenol	10.13	139	532320	68.21	nq #	82
56) 2,4-Dinitrotoluene	10.19	165	426519	39.84	nq #	85
57) Fluorene	10.54	166	1210415	33.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	312778	36.83	nq	96
59) Diethylphthalate	10.42	149	1283885	34.44	nq	94
60) 4-Chlorophenyl-phenylether	10.53	204	567042	33.78	nq	94
61) 4-Nitroaniline	10.58	138	307311	29.99	nq	83
62) Azobenzene	10.69	77	1417444	34.81	nq	90
64) 4,6-Dinitro-2-methylphenol	10.59	198	176428	29.37	nq #	82
65) n-Nitrosodiphenylamine	10.66	169	1104559	37.77	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	350054	35.13	nq #	90
67) Hexachlorobenzene	11.09	284	398019	36.16	nq #	93
68) Atrazine	11.18	200	307982	34.03	nq	98
69) Pentachlorophenol	11.30	266	441957	67.48	nq	98
70) Phenanthrene	11.50	178	1770984	35.74	nq	97
71) Anthracene	11.56	178	1830447	36.46	nq	98
72) Carbazole	11.72	167	1739246	36.68	nq	98
73) Di-n-butylphthalate	12.04	149	1895573	33.19	nq	98
74) Fluoranthene	12.70	202	1852339	36.62	nq	88
76) Benzidine	12.82	184	494792	19.48	nq	99
77) Pyrene	12.93	202	1928417	38.12	nq	98
79) Butylbenzylphthalate	13.55	149	900633	38.03	nq	93
80) Benzo(a)anthracene	14.12	228	1710060	35.51	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	310392	17.91	nq #	97
82) Chrysene	14.16	228	1473690	32.87	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1243044	35.97	nq #	96
84) Di-n-octyl phthalate	14.72	149	1914435	35.77	nq #	86
85) Indeno(1,2,3-cd)pyrene	17.08	276	1138909	30.51	nq	98
87) Benzo(b)fluoranthene	15.17	252	1345454	36.48	nq #	96
88) Benzo(k)fluoranthene	15.21	252	1427462m	43.45	nq	
89) Benzo(a)pyrene	15.54	252	1241668	38.34	nq #	97
90) Dibenzo(a,h)anthracene	17.09	278	975092	35.44	nq #	95
91) Benzo(g,h,i)perylene	17.53	276	905054	35.57	nq	99

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

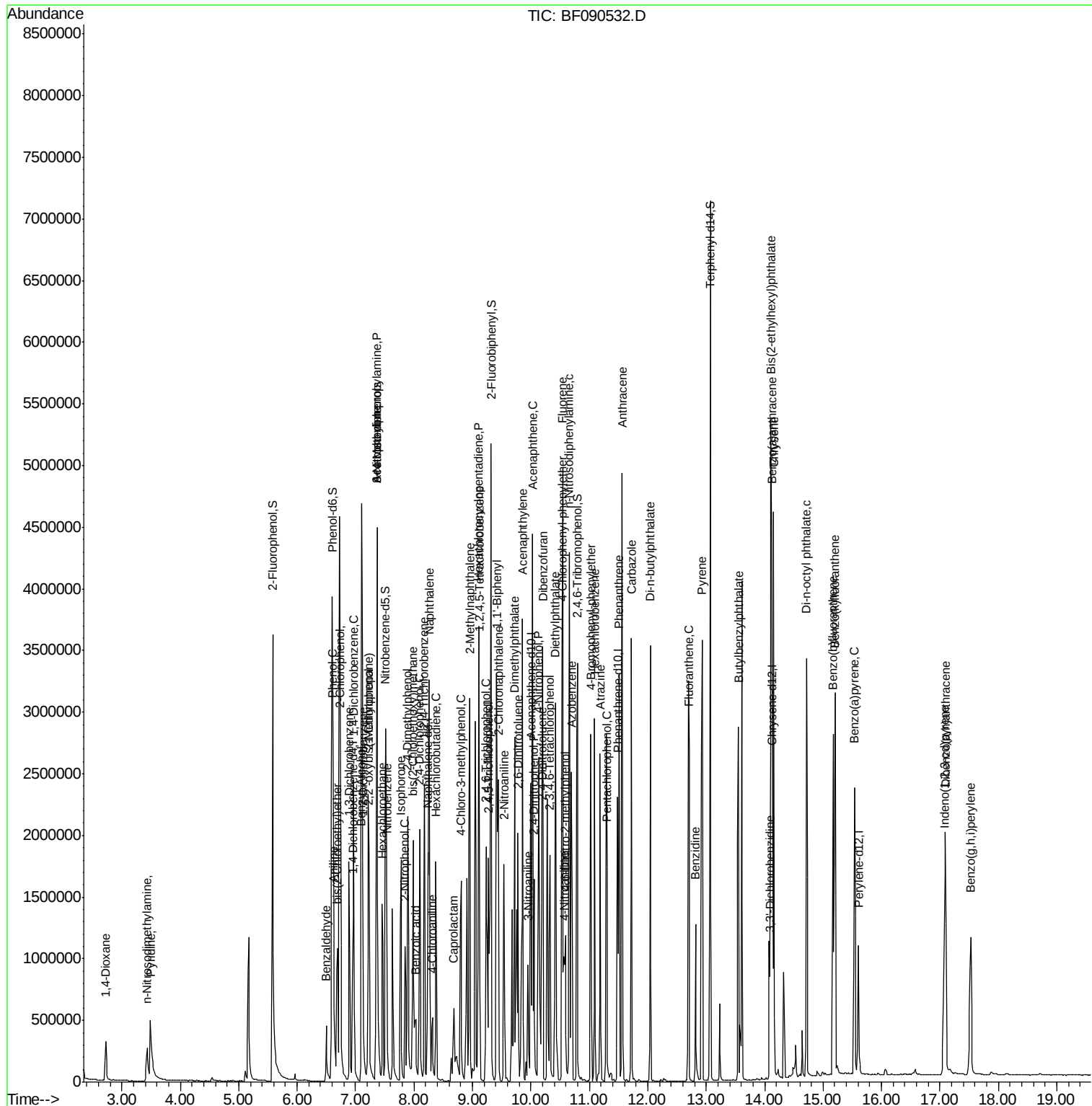
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Operator  : UM/SJ  
Sample    : PB93973BSD  
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ALS Vial  : 7 Sample Multiplier: 1
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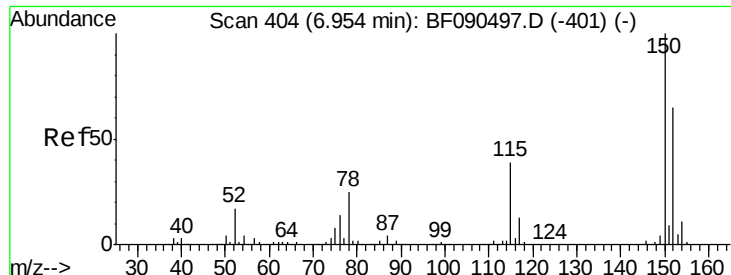
Instrument :
BNA_F
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#1

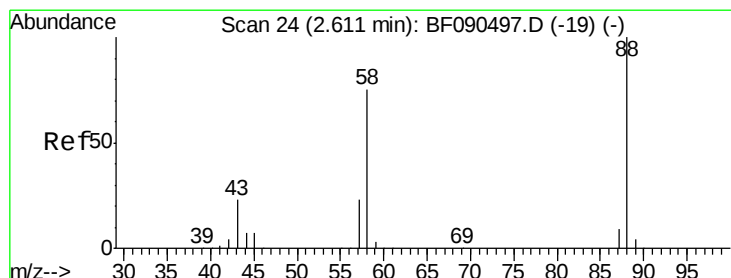
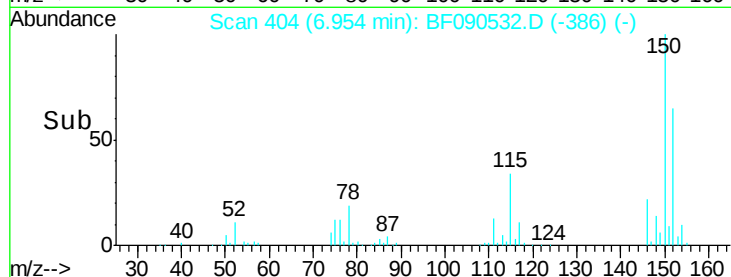
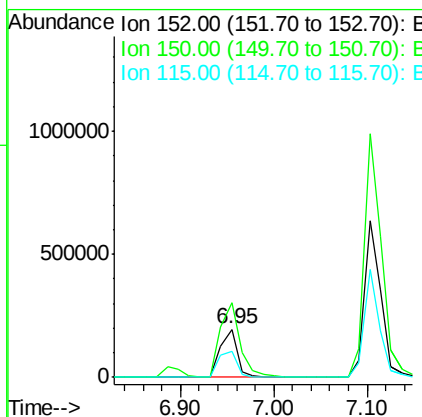
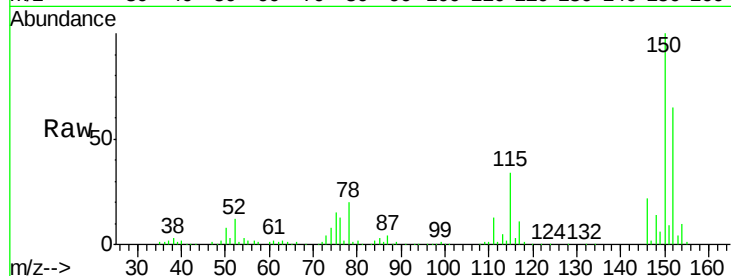
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	53.4	46.2	69.4

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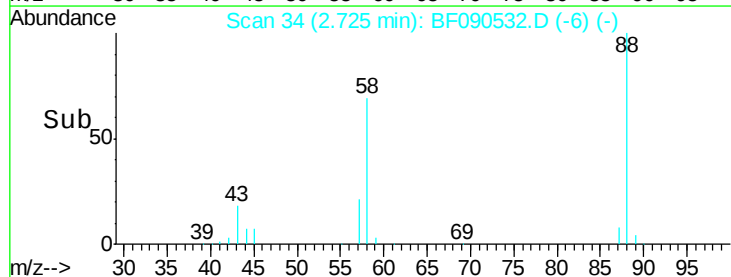
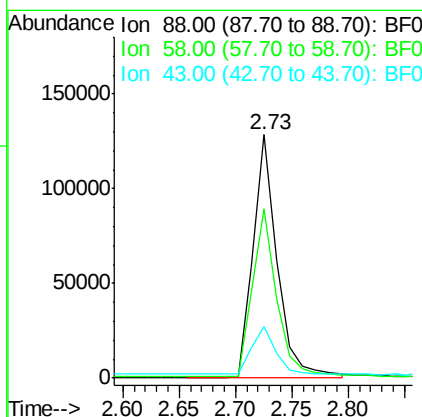
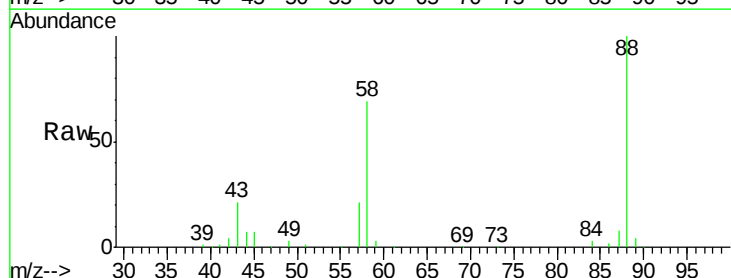
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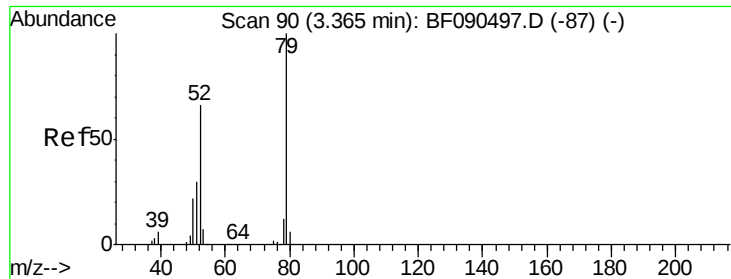


#2

1,4-Dioxane
Concen: 24.63 ng m
RT: 2.73 min Scan# 34
Delta R.T. 0.11 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	71.2	106.8#
43	18.8	29.8	44.6#





#3

Pvridine

Concen: 25.84 ng m

RT: 3.49 min Scan# 101

Delta R.T. 0.13 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

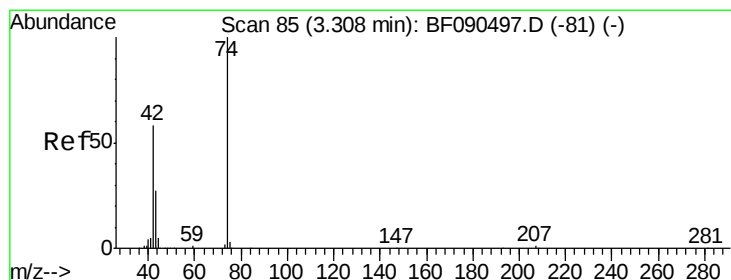
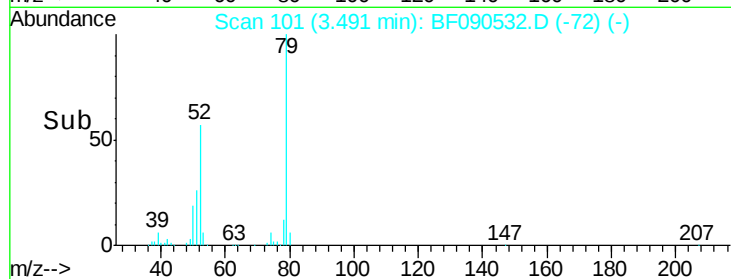
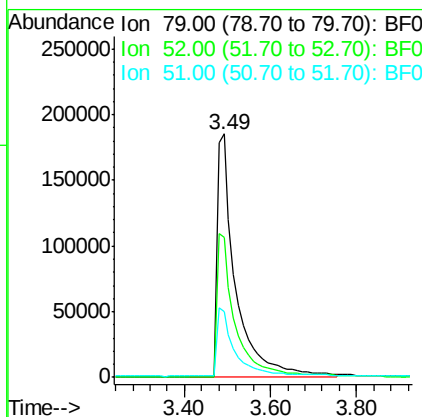
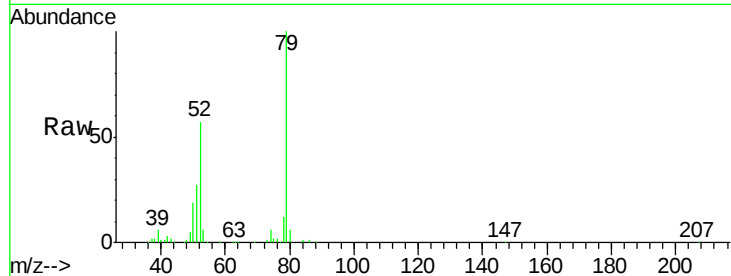
ClientSampleId :

PB93973BSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	57.2	71.3	106.9#	
51	26.9	34.5	51.7#	

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#4

n-Nitrosodimethylamine

Concen: 26.61 ng m

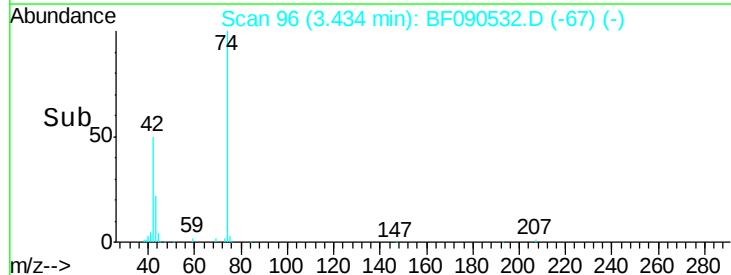
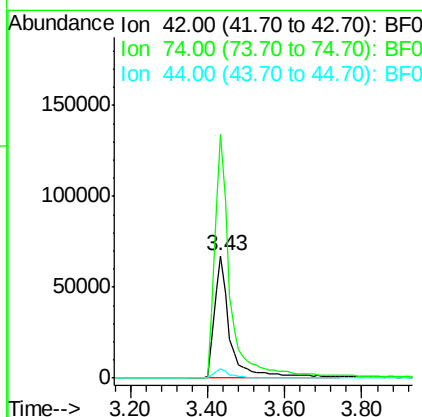
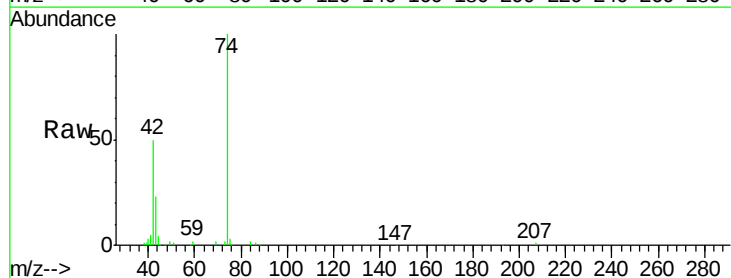
RT: 3.43 min Scan# 96

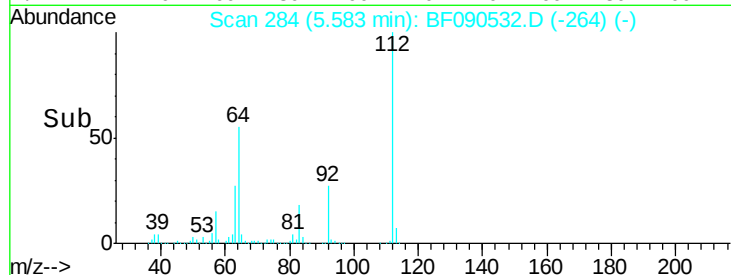
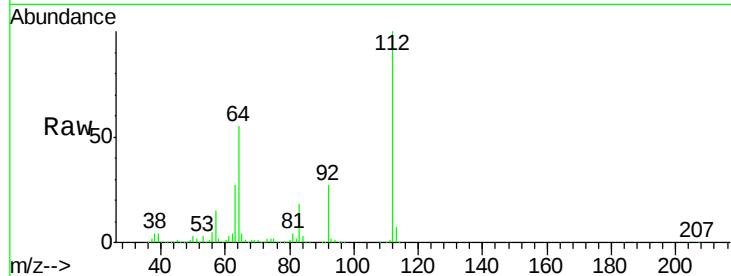
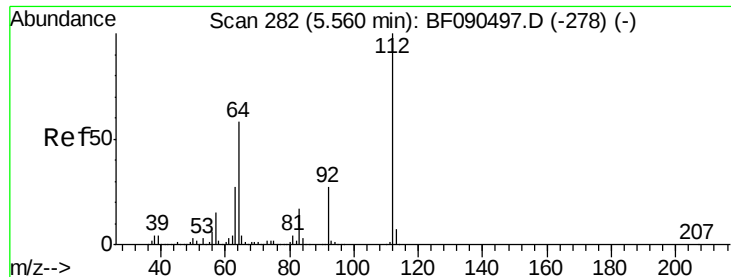
Delta R.T. 0.13 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	199.5	88.9	133.3#	
44	8.0	6.5	9.7	





#5

2-Fluorophenol

Concen: 102.23 ng

RT: 5.58 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion: 112 Resp: 1639955

Ion Ratio Lower Upper

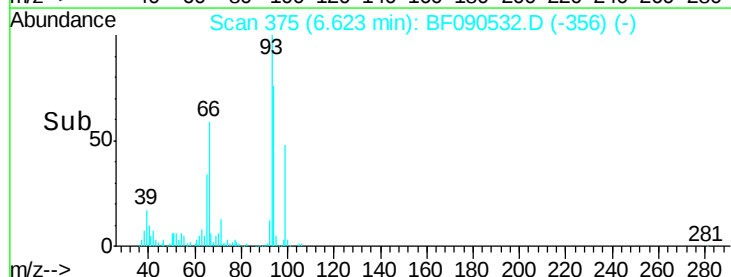
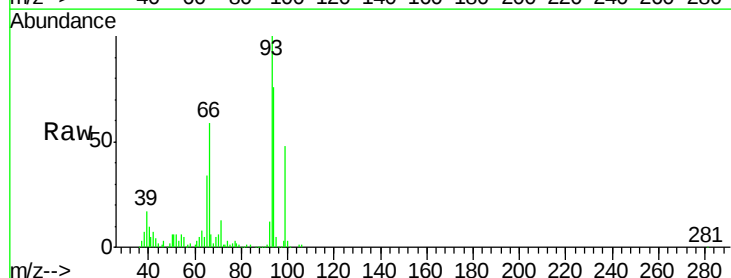
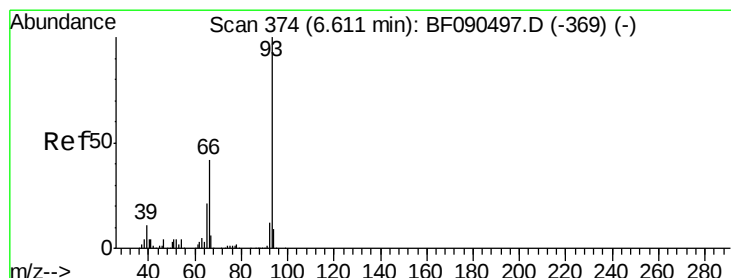
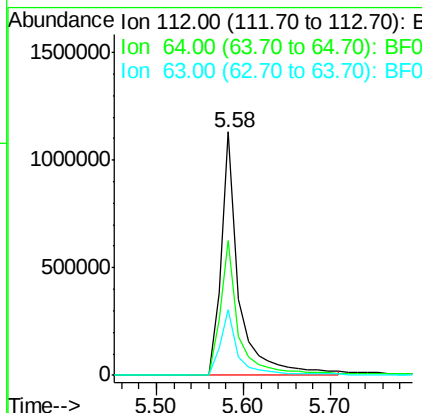
112 100

64 55.5 57.9 86.9#

63 27.2 29.6 44.4#

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#6

Aniline

Concen: 18.82 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

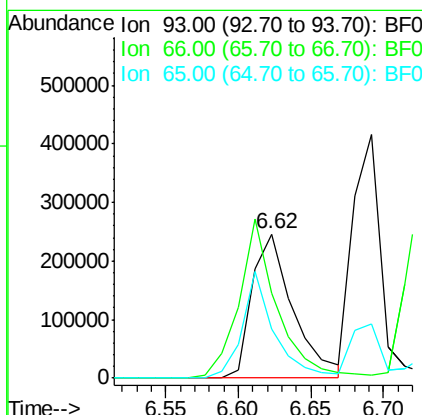
Tgt Ion: 93 Resp: 483200

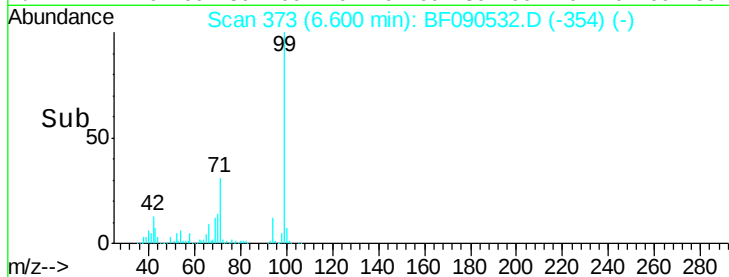
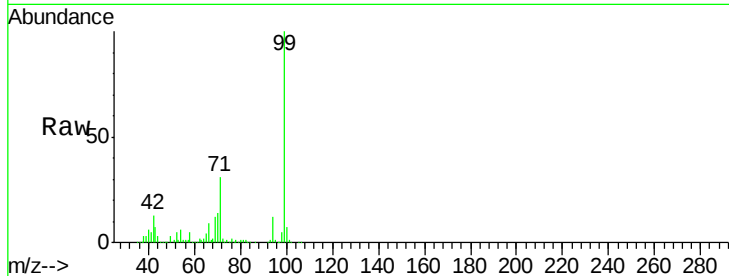
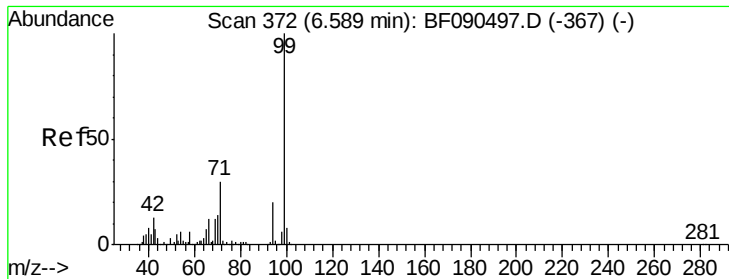
Ion Ratio Lower Upper

93 100

66 59.2 34.5 51.7#

65 34.3 18.2 27.2#





#7

Phenol-d6

Concen: 104.21 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tot Ion: 99 Resp: 2109672

Ion Ratio Lower Upper

99 100

42 12.8 20.0 30.0#

71 30.7 27.9 41.9

Instrument :

BNA_F

ClientSampleId :

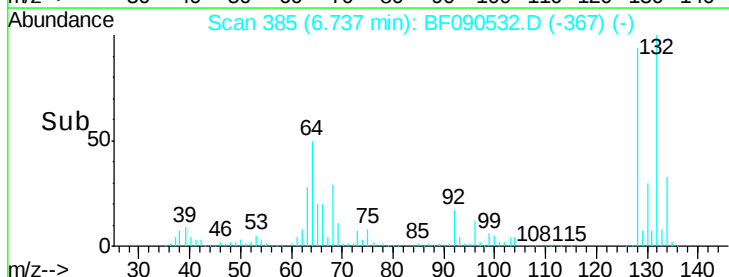
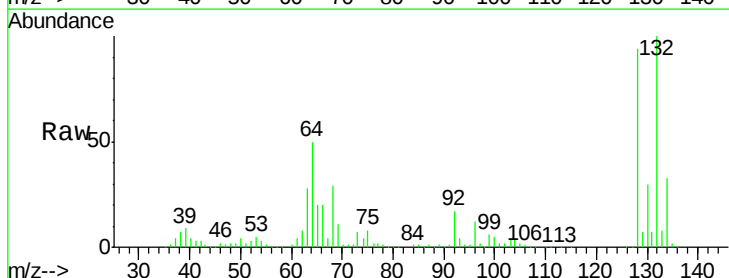
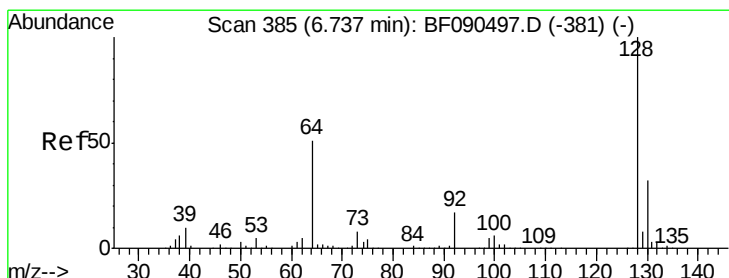
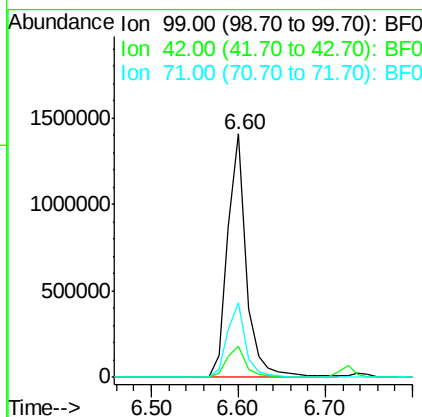
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#8

2-Chlorophenol

Concen: 34.94 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

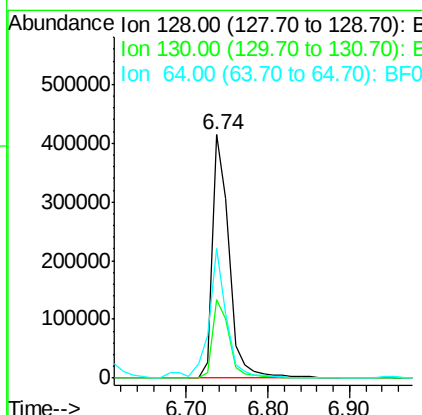
Tgt Ion:128 Resp: 596288

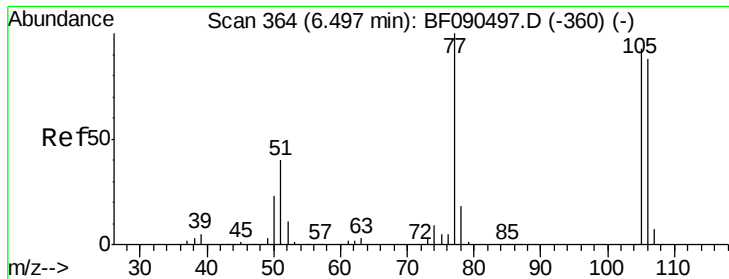
Ion Ratio Lower Upper

128 100

130 32.0 13.3 53.3

64 53.0 36.0 76.0





#9

Benzaldehyde

Concen: 11.97 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

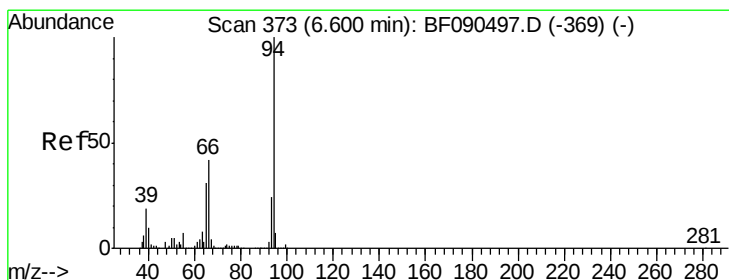
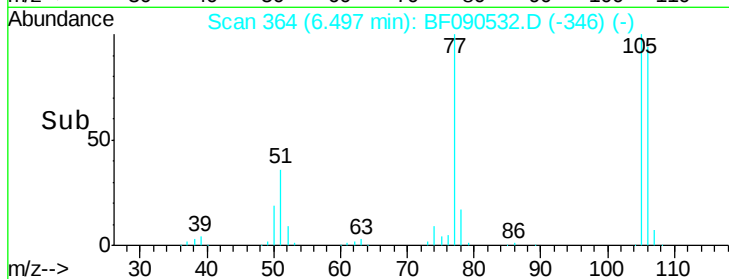
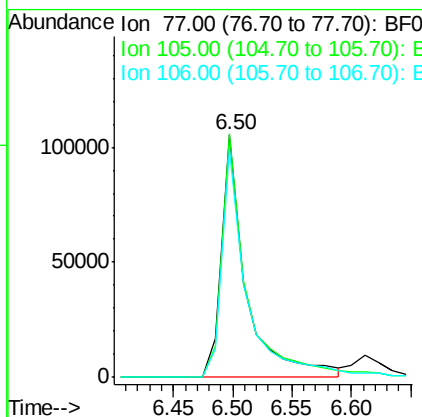
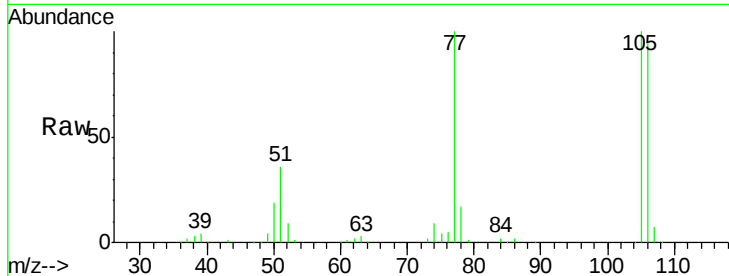
ClientSampleId :

PB93973BSD

Tot Ion:	77	Resp:	152615
Ion	Ratio	Lower	Upper
77	100		
105	100.2	73.1	113.1
106	94.2	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 32.63 ng

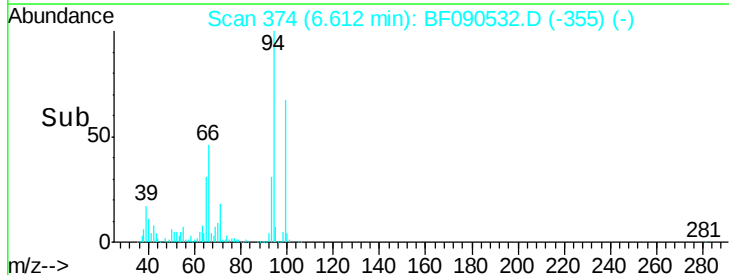
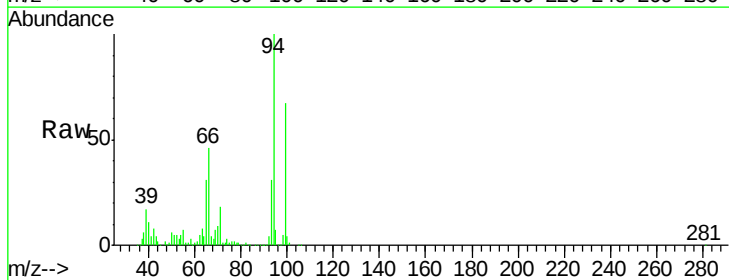
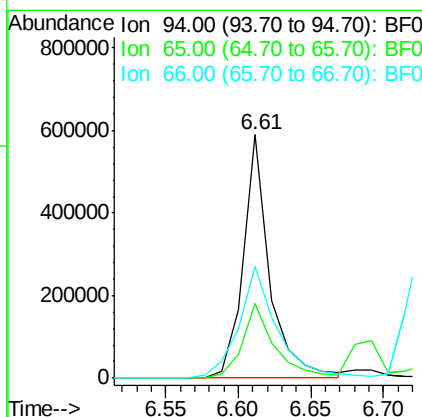
RT: 6.61 min Scan# 374

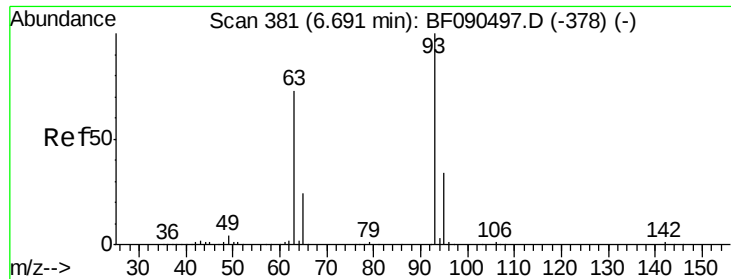
Delta R.T. 0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:	94	Resp:	745077
Ion	Ratio	Lower	Upper
94	100		
65	30.7	13.3	53.3
66	46.0	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 34.05 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

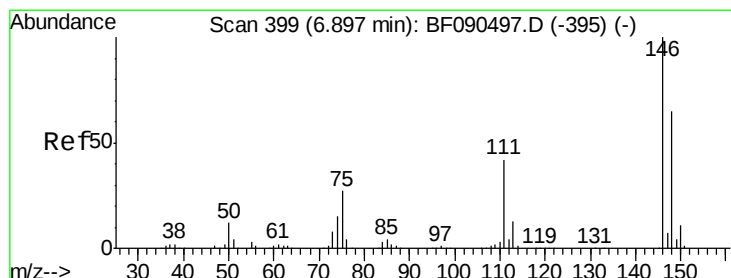
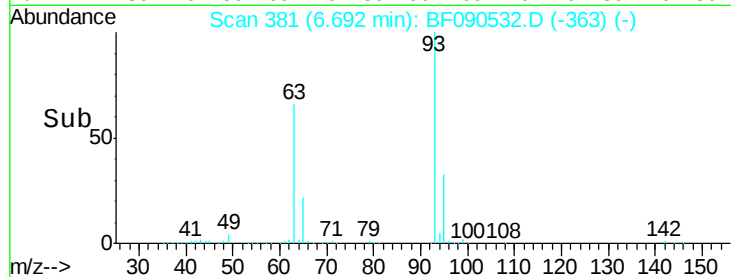
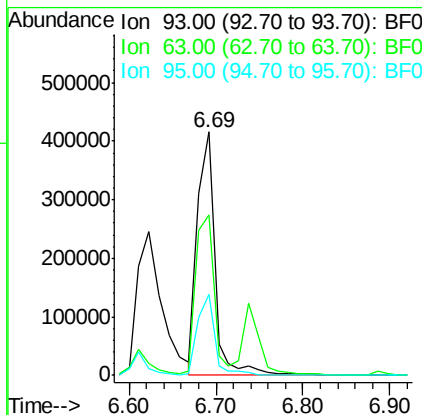
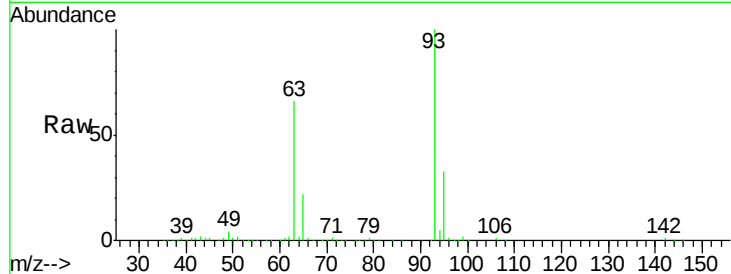
ClientSampleId :

PB93973BSD

Tot Ion:	93	Resp:	582052
Ion	Ratio	Lower	Upper
93	100		
63	66.0	59.7	99.7
95	33.5	14.0	54.0

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#12

1,3-Dichlorobenzene

Concen: 33.62 ng m

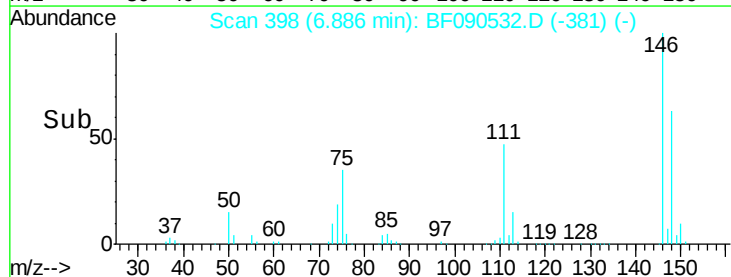
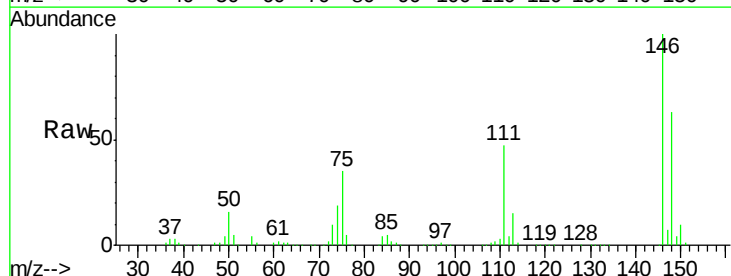
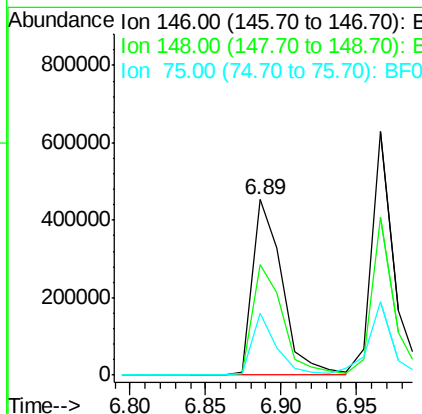
RT: 6.89 min Scan# 398

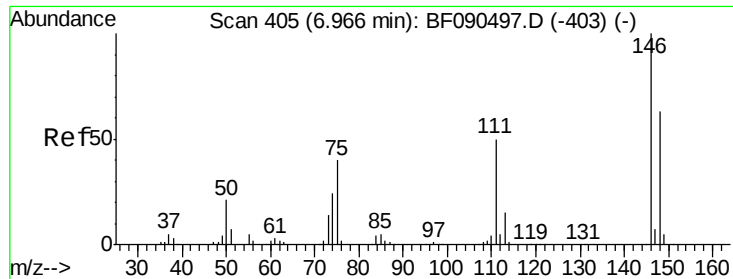
Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:	146	Resp:	618978
Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.4
75	35.0	21.4	32.2#





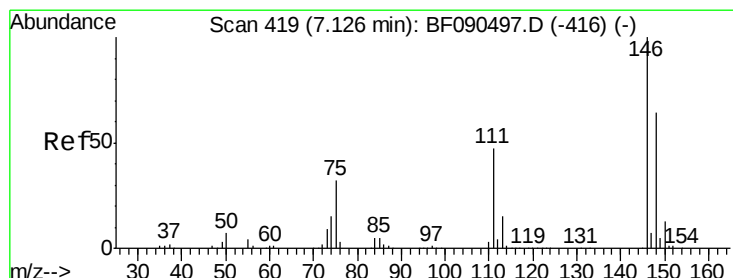
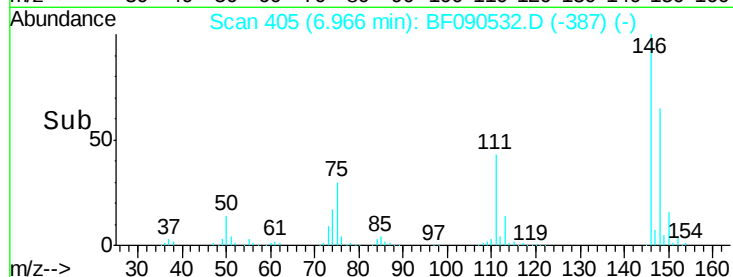
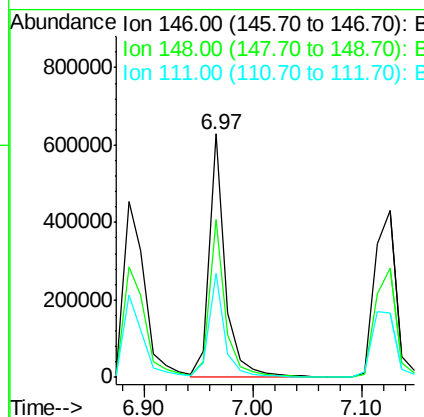
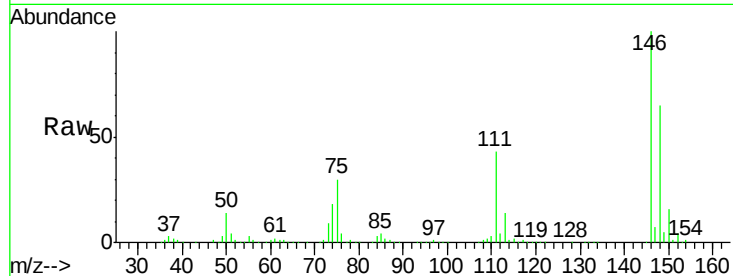
#13
 1,4-Dichlorobenzene
 Concen: 34.69 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	43.0	37.8	56.6

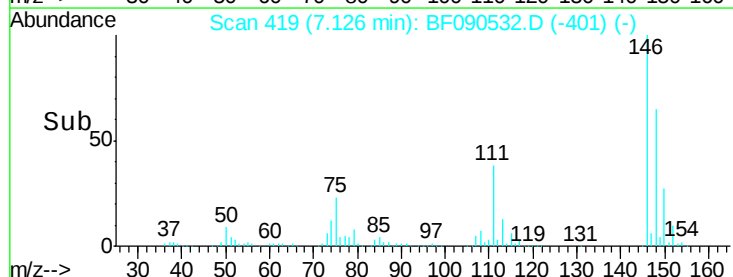
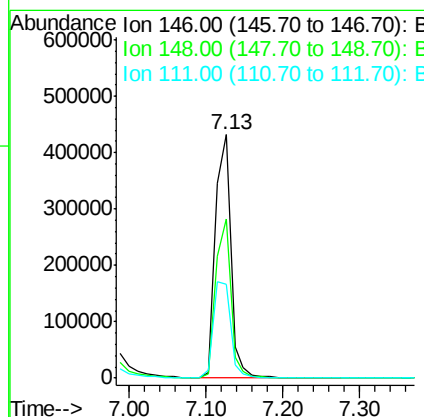
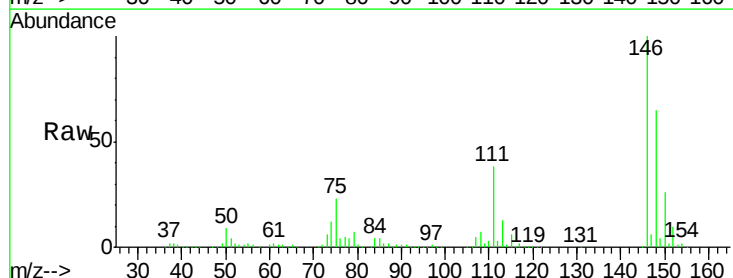
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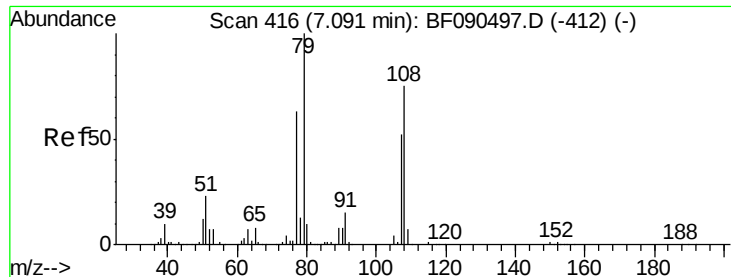
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#14
 1,2-Dichlorobenzene
 Concen: 35.14 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
111	38.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 30.52 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

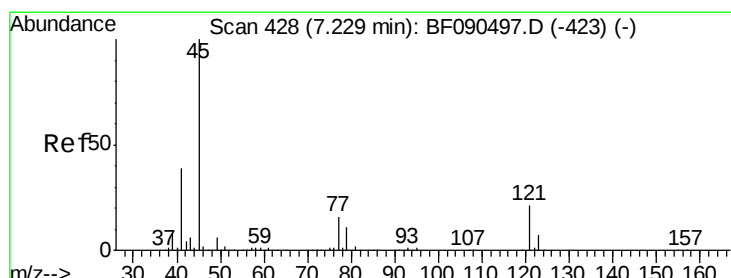
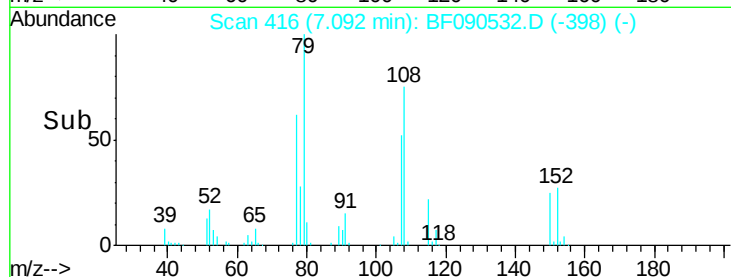
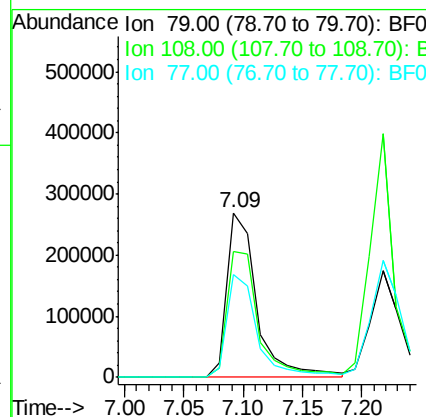
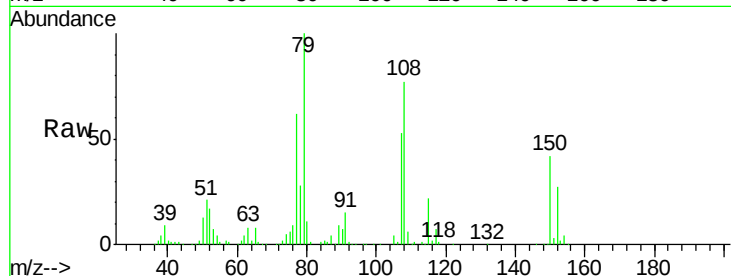
ClientSampleId :

PB93973BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	60.9	91.3
77	62.0	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.56 ng

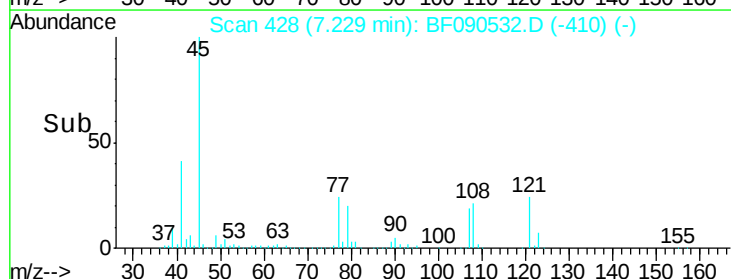
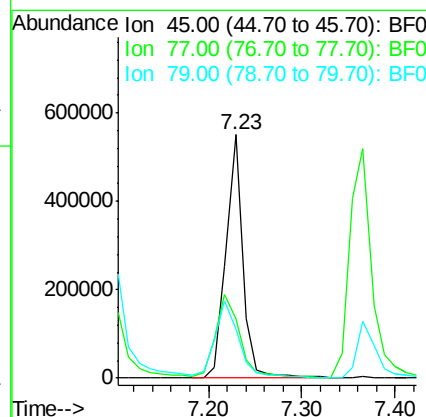
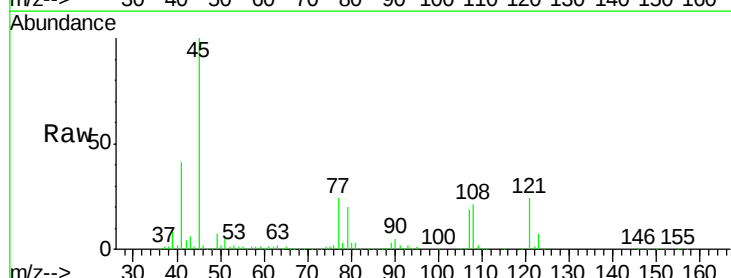
RT: 7.23 min Scan# 428

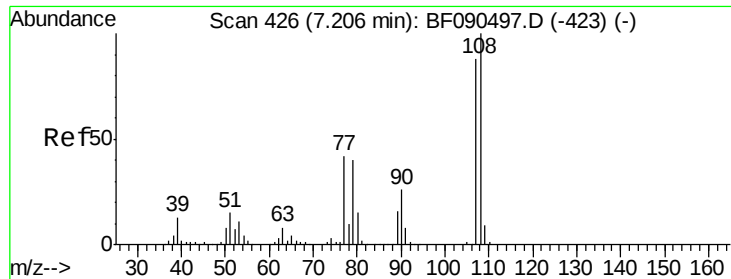
Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.5	0.0	30.8
79	20.3	0.0	28.2





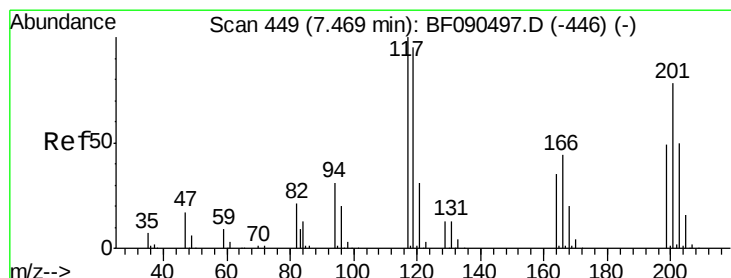
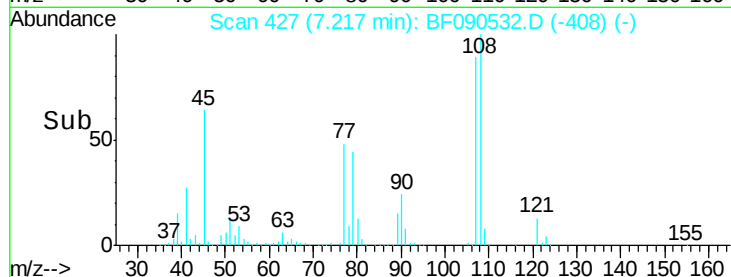
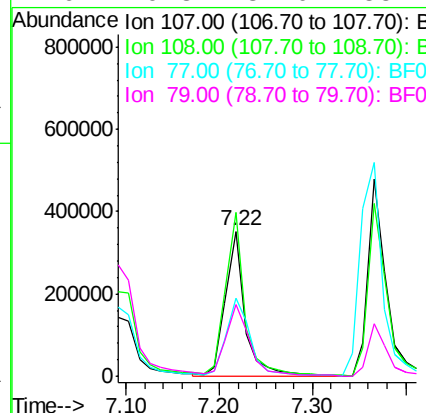
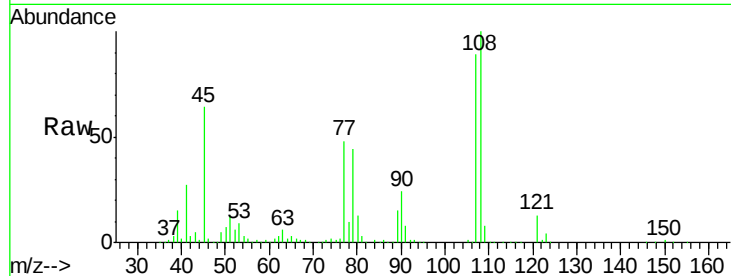
#17
2-Methylphenol
Concen: 36.68 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion:	107	Resp:	509042
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.9	136.3
77	54.0	38.2	57.4
79	49.3	37.0	55.4

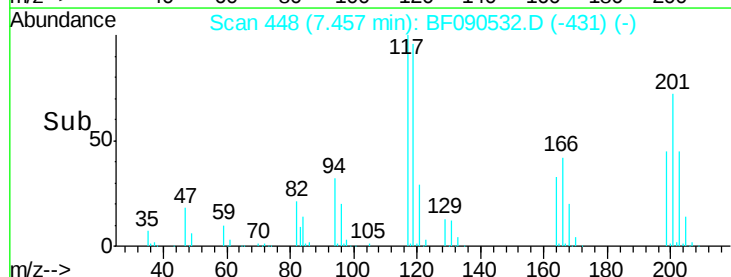
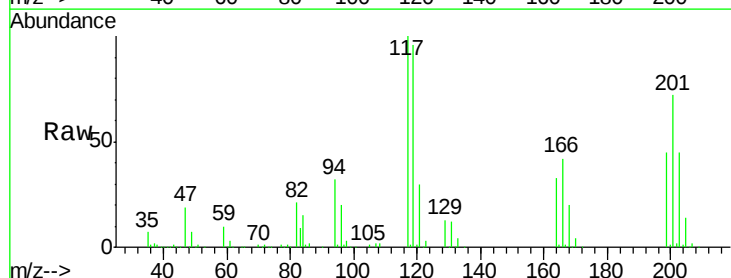
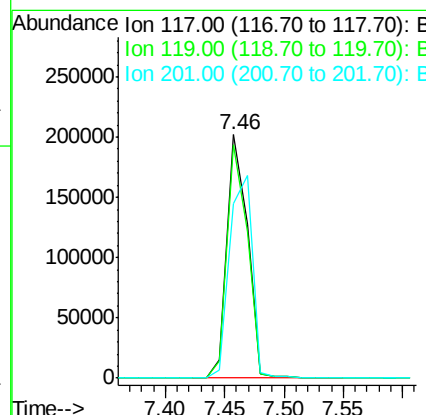
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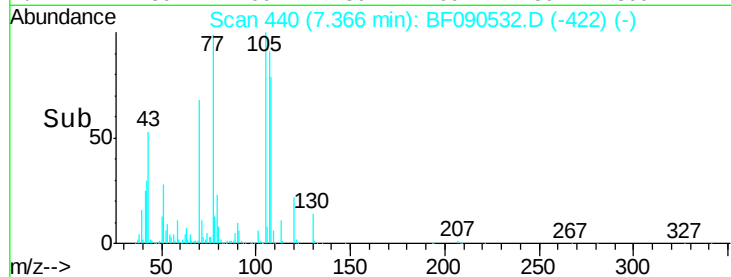
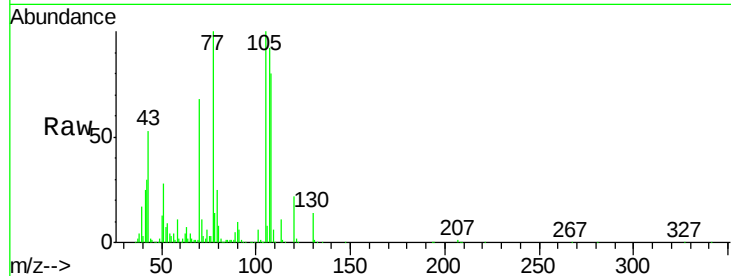
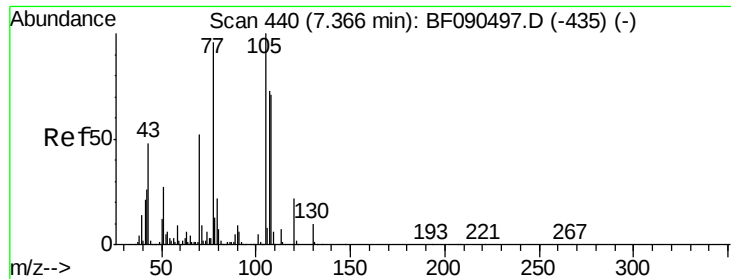
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#18
Hexachloroethane
Concen: 34.84 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:	117	Resp:	241532
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.9	113.9
201	71.8	66.5	99.7





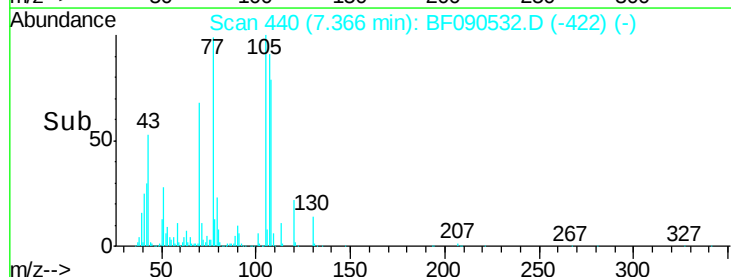
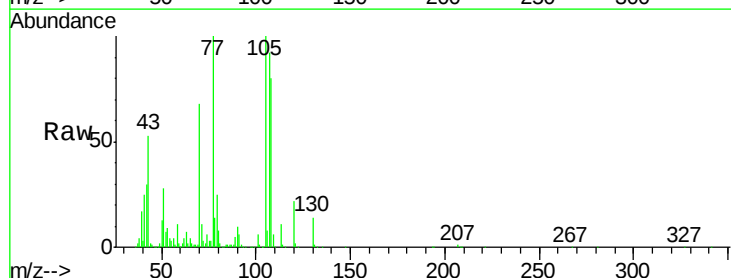
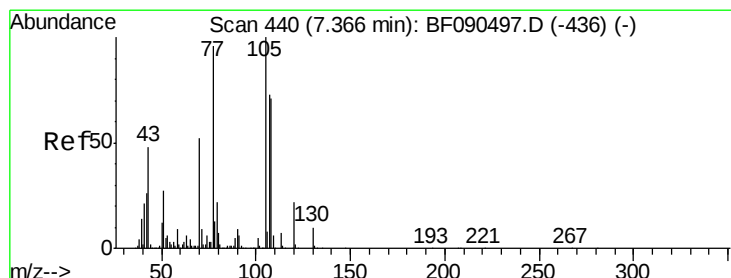
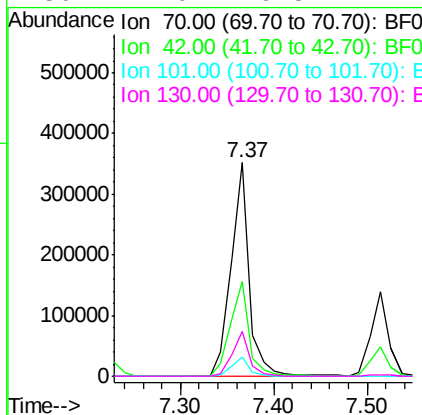
#19
n-Nitroso-di-n-propylamine
Concen: 37.16 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.4	55.4	83.2#
101	9.3	7.6	11.4
130	21.0	16.5	24.7

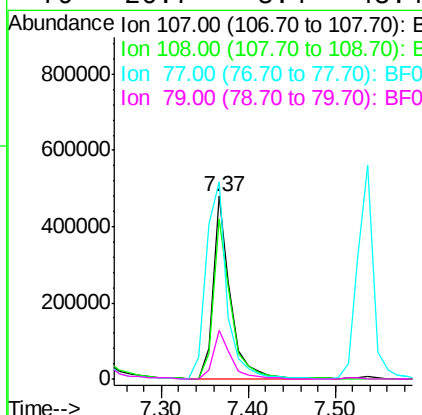
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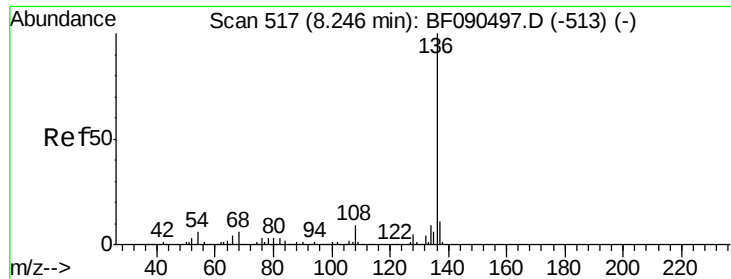
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#20
3+4-Methylphenols
Concen: 37.48 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.7	106.7
77	108.0	53.7	93.7#
79	26.7	8.4	48.4





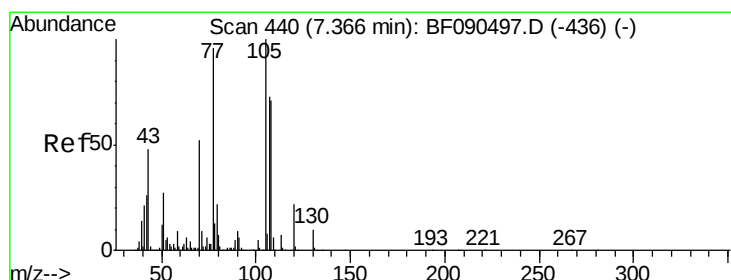
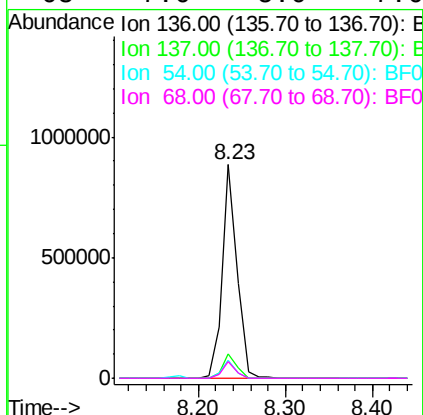
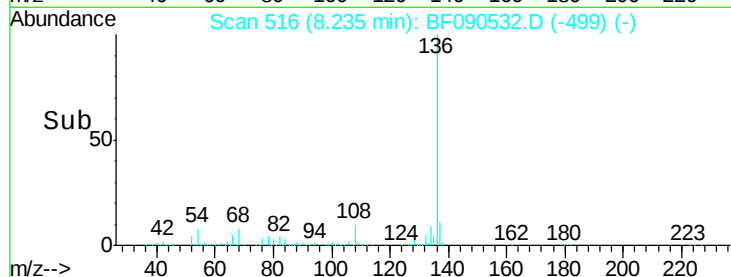
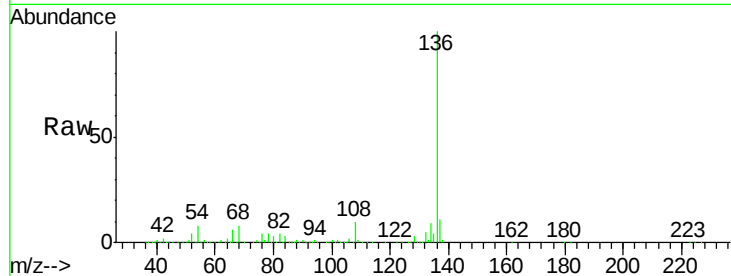
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1055485		
137	11.3		9.0	13.6	
54	8.3		6.6	10.0	
68	7.6		5.0	7.6#	

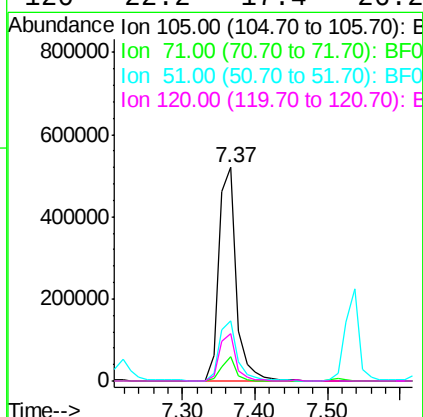
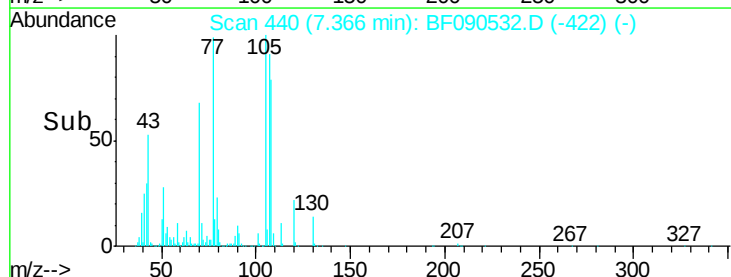
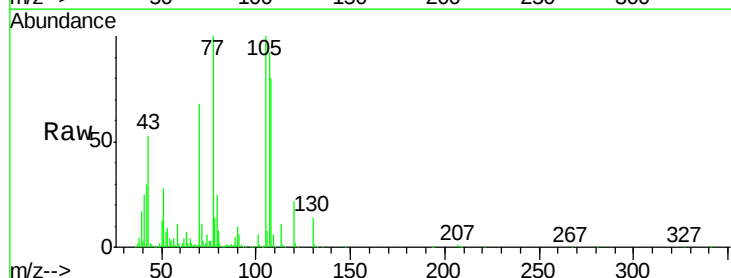
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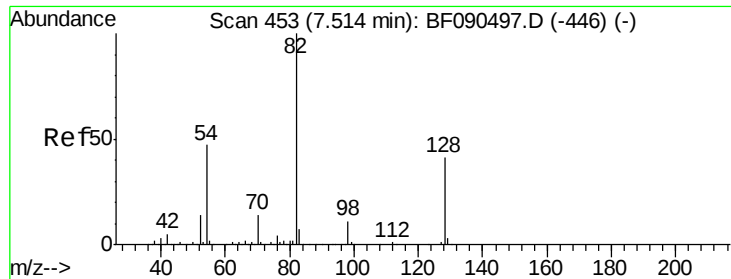
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#22
Acetophenone
Concen: 37.02 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		860147		
71	11.4		3.8	5.6#	
51	28.3		28.2	42.4	
120	22.2		17.4	26.2	





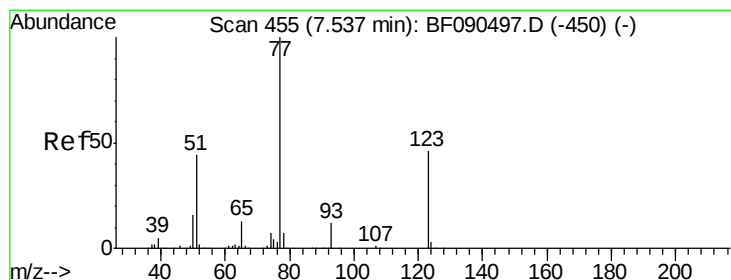
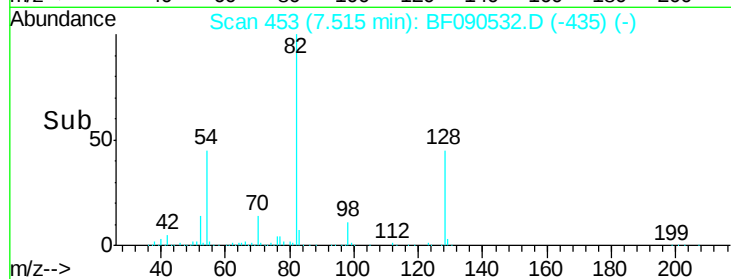
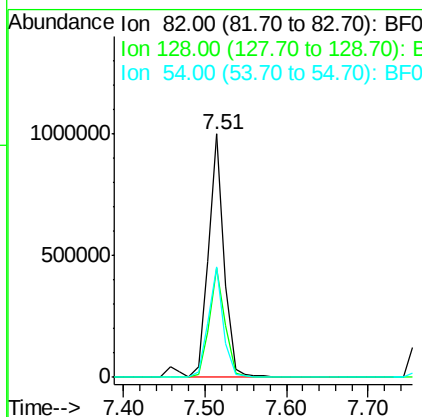
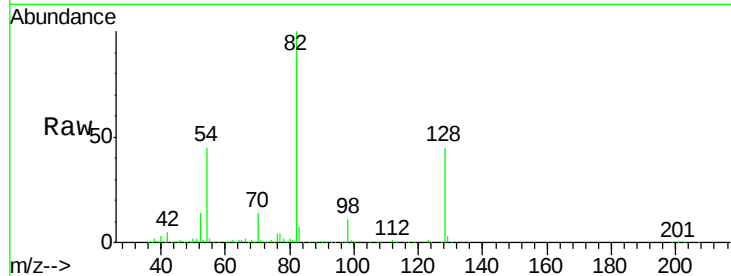
#23
Nitrobenzene-d5
Concen: 69.06 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	40.0	60.0
54	45.2	42.6	64.0

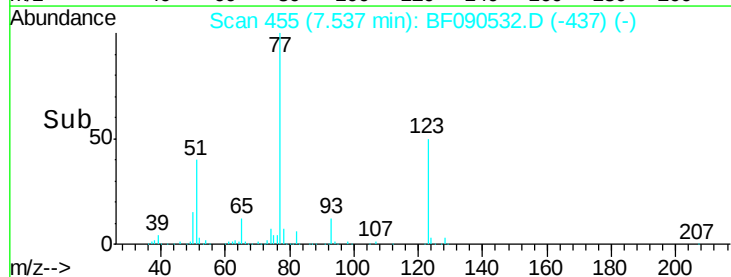
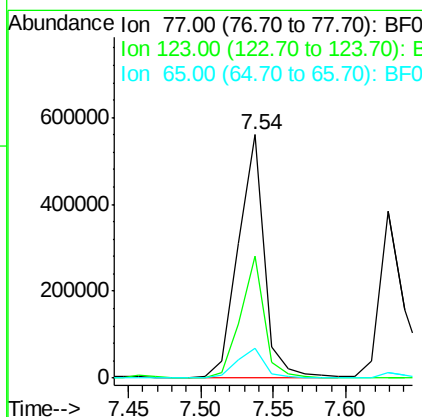
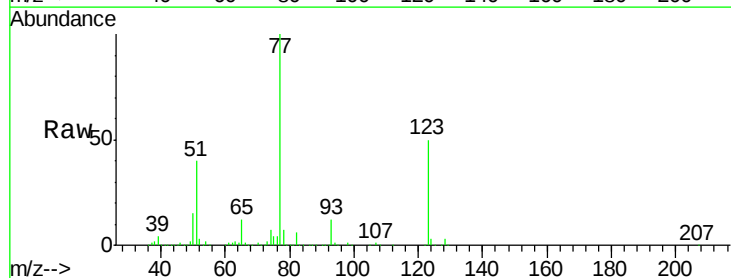
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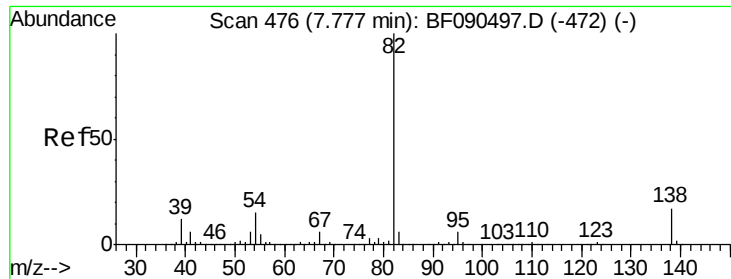
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#24
Nitrobenzene
Concen: 33.41 ng
RT: 7.54 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	33.0	49.4#
65	12.5	12.0	18.0





#25

Isophorone

Concen: 34.62 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion: 82 Resp: 1225963

Ion Ratio Lower Upper

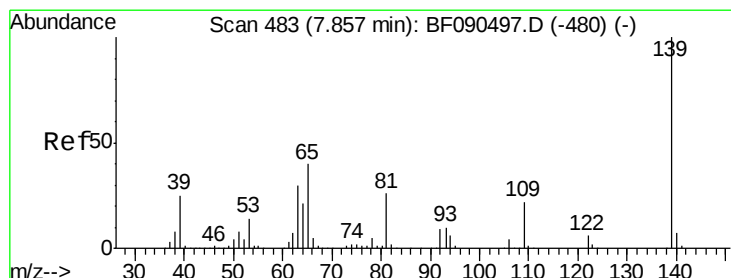
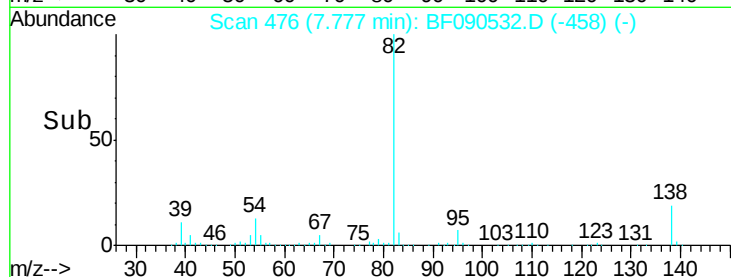
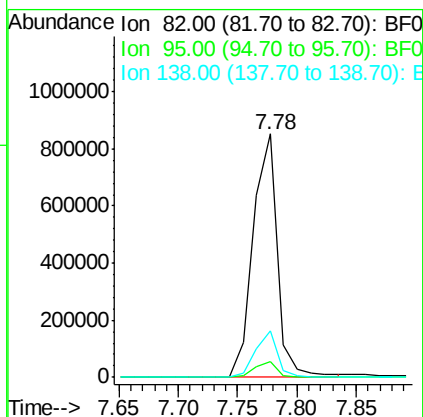
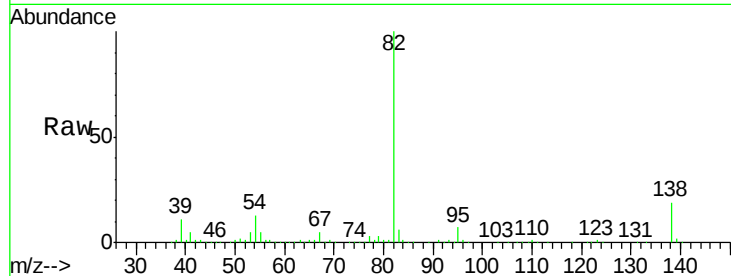
82 100

95 6.6 5.2 7.8

138 19.0 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.52 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

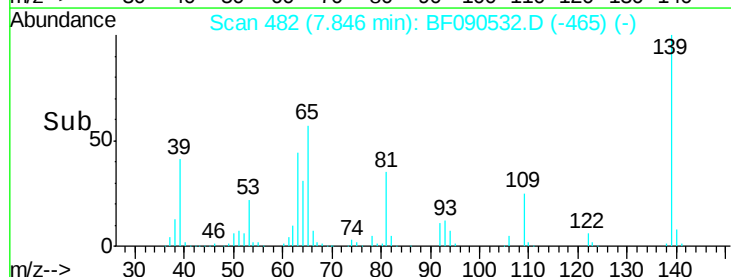
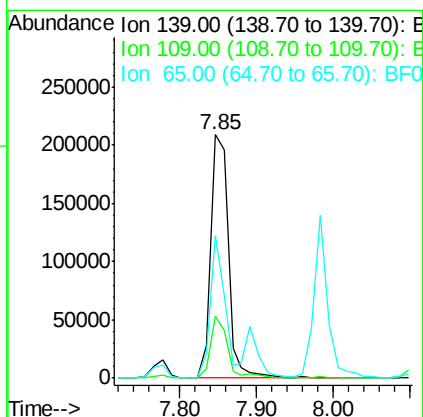
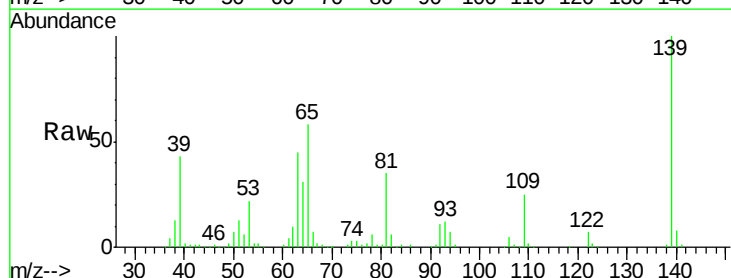
Tgt Ion: 139 Resp: 328723

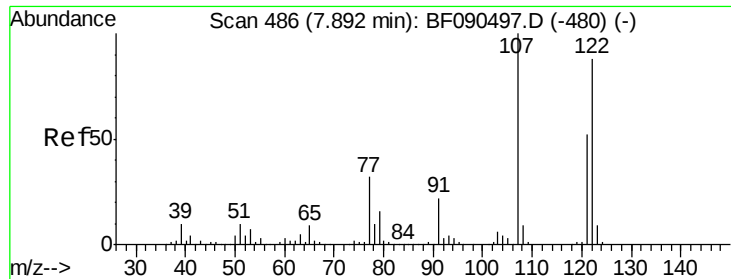
Ion Ratio Lower Upper

139 100

109 25.2 18.9 28.3

65 58.3 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 35.63 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

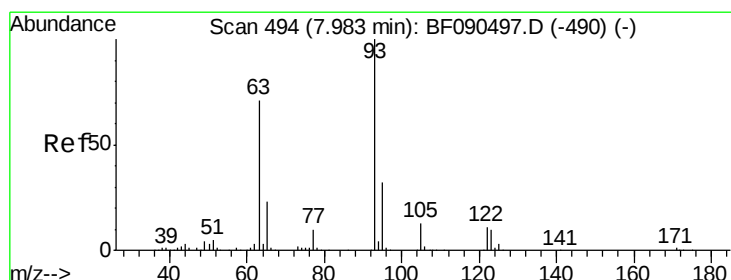
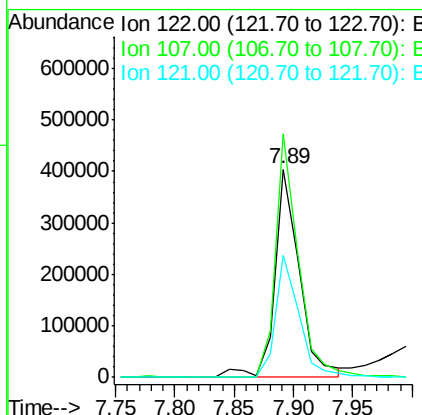
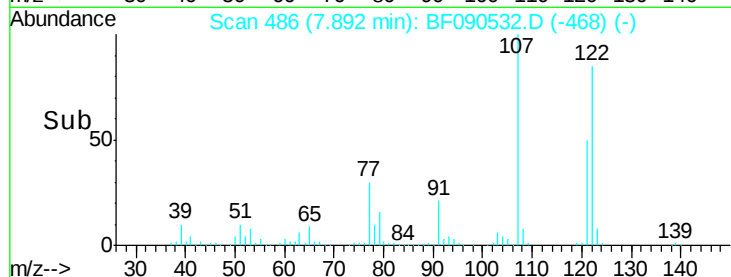
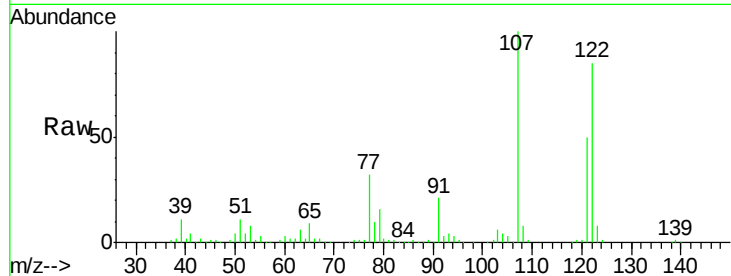
ClientSampleId :

PB93973BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	576786		
107	117.1		88.6	132.8
121	58.9		47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 35.41 ng

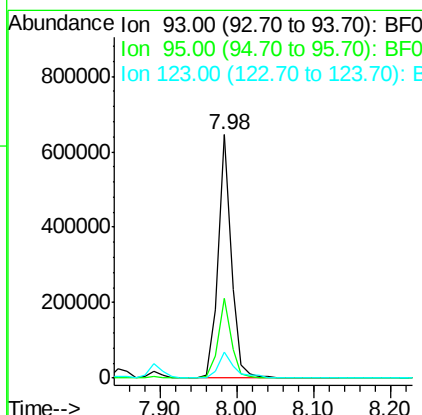
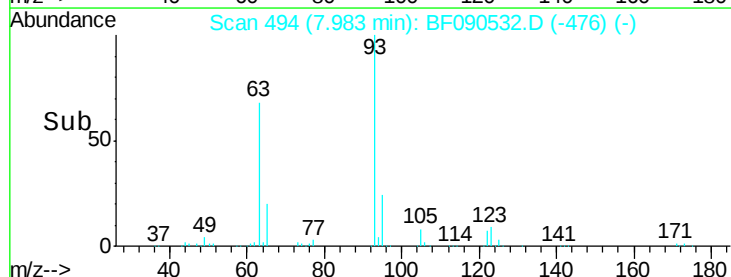
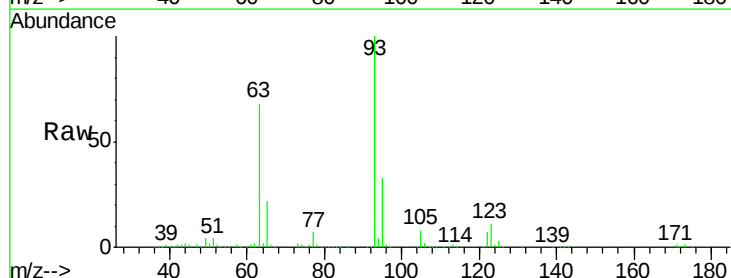
RT: 7.98 min Scan# 494

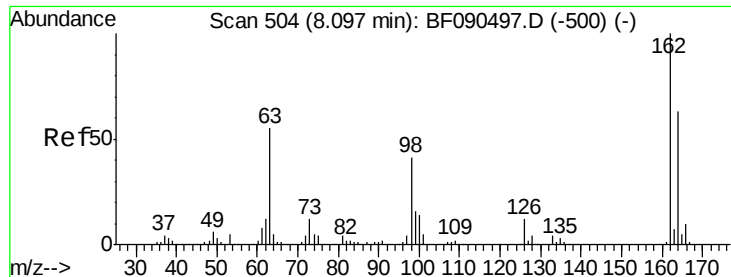
Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	774600		
95	32.9		27.0	40.4
123	10.9		11.1	16.7#





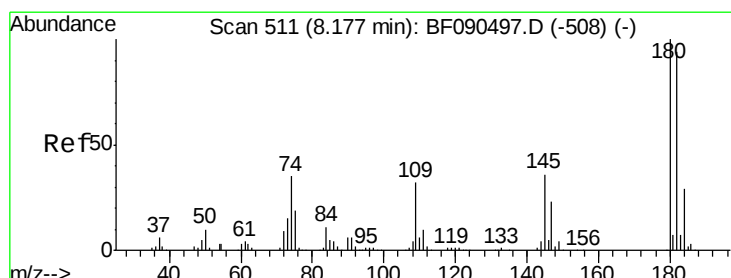
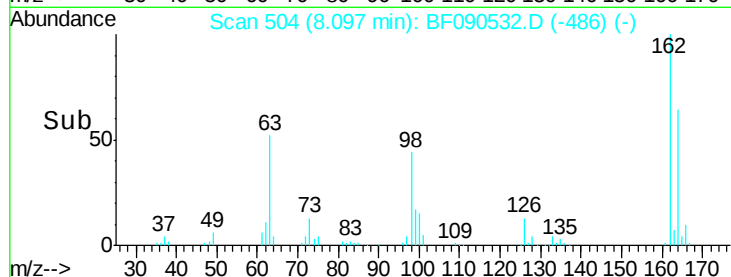
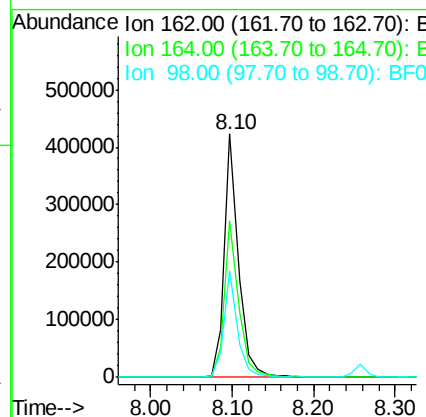
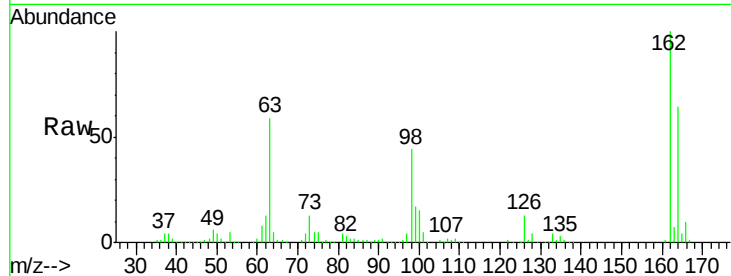
#29
2,4-Dichlorophenol
Concen: 37.84 ng
RT: 8.10 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	512244		
164	64.1	45.7	85.7	
98	44.0	13.3	53.3	

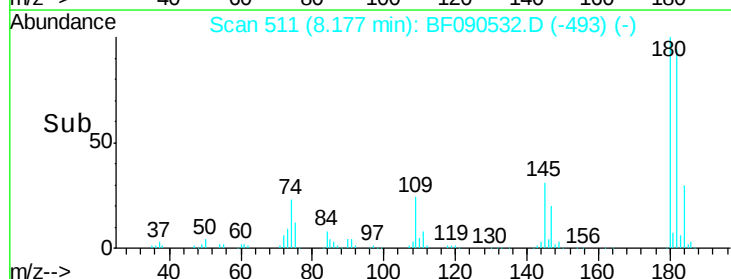
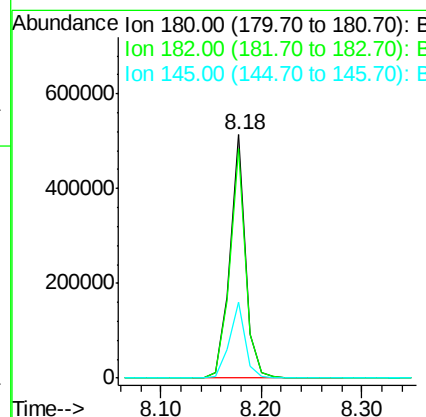
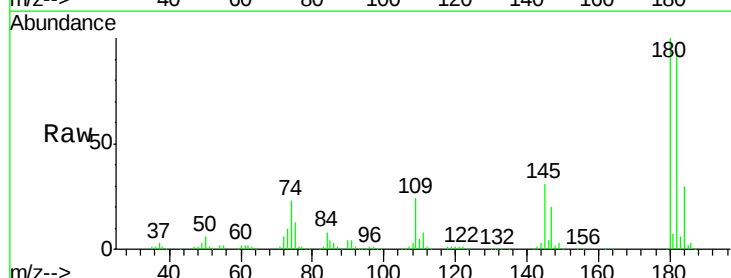
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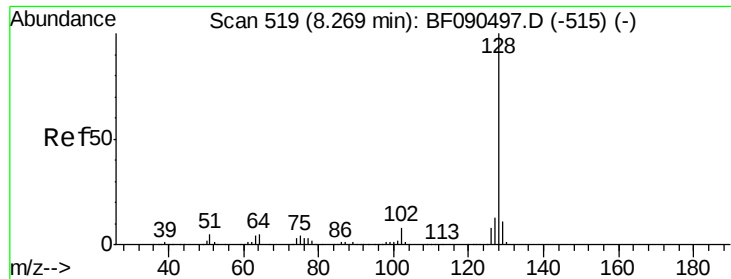
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#30
1,2,4-Trichlorobenzene
Concen: 35.57 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	553233		
182	94.1	75.3	112.9	
145	31.4	27.7	41.5	





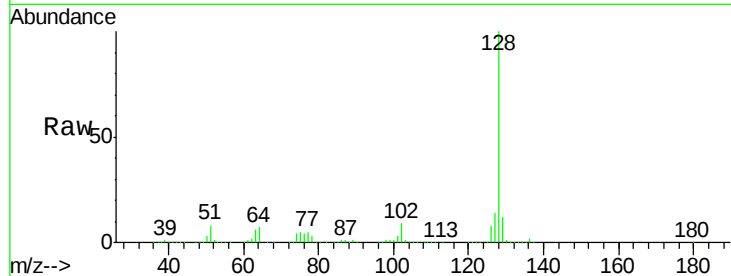
#31
Naphthalene
Concen: 33.68 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

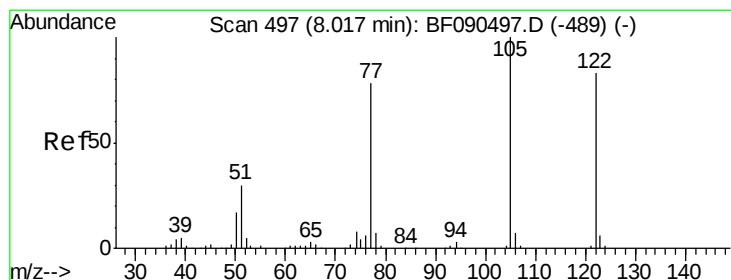
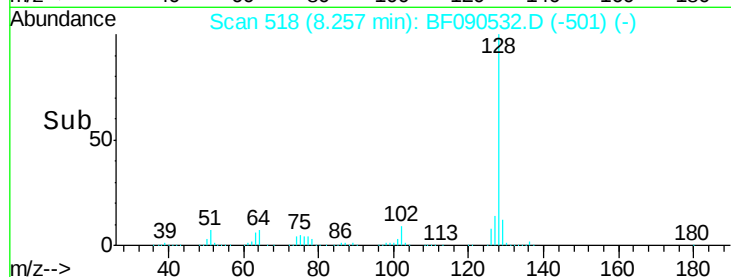
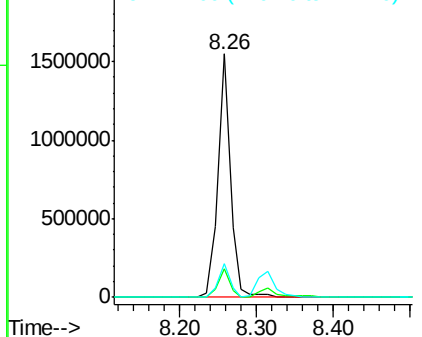
Tot Ion:128 Resp: 1770982
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.7 11.7 17.5

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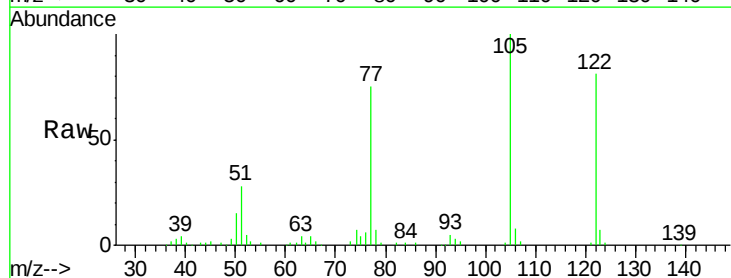


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

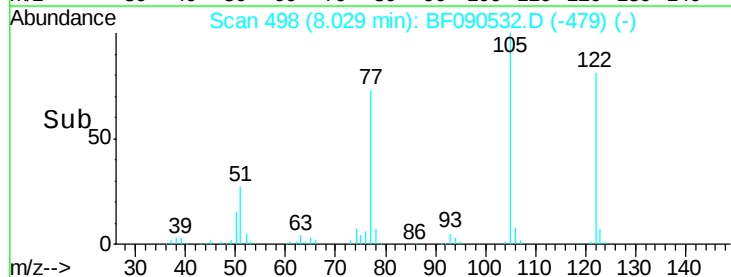
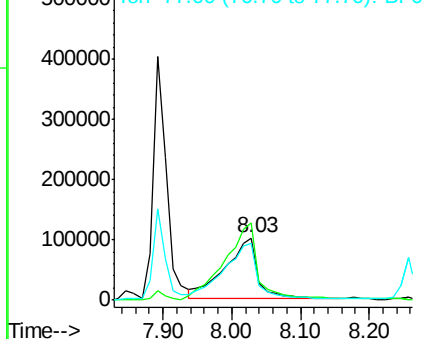


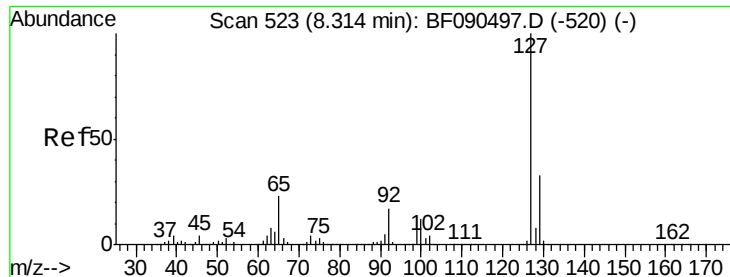
#32
Benzoic acid
Concen: 26.52 ng
RT: 8.03 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:122 Resp: 338780
Ion Ratio Lower Upper
122 100
105 123.4 103.9 143.9
77 92.0 74.6 114.6



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





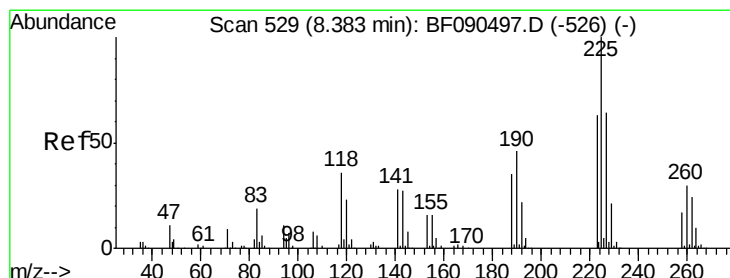
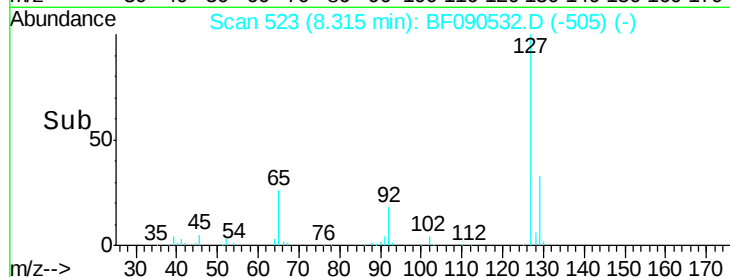
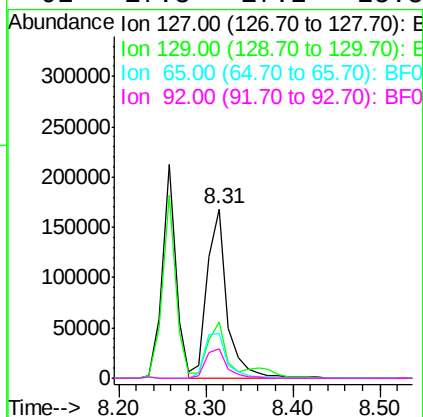
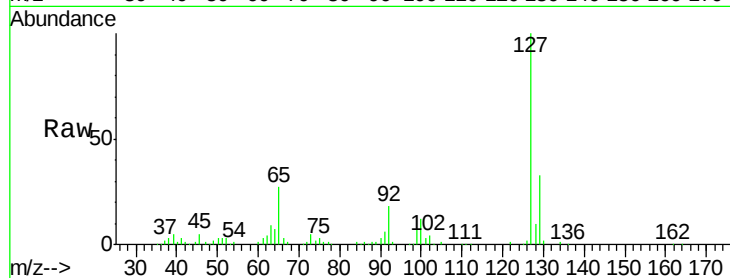
#33
4-Chloroaniline
Concen: 12.02 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		267651		
129	33.3	26.2	39.4		
65	26.7	32.5	48.7		
92	17.8	17.2	25.8		

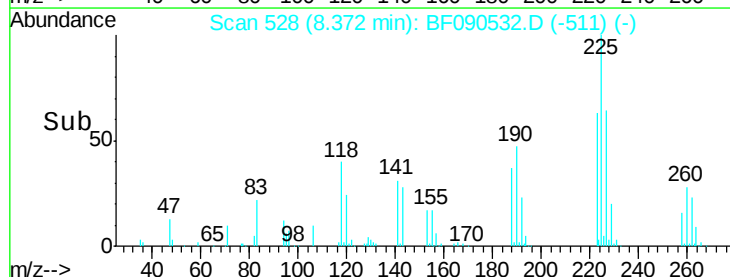
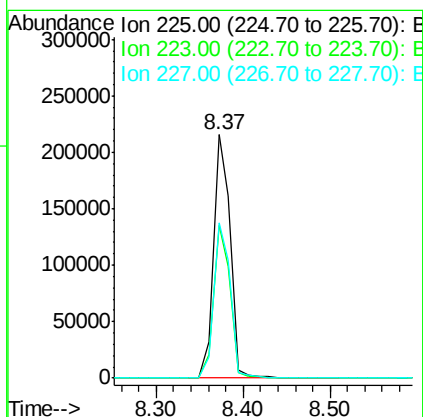
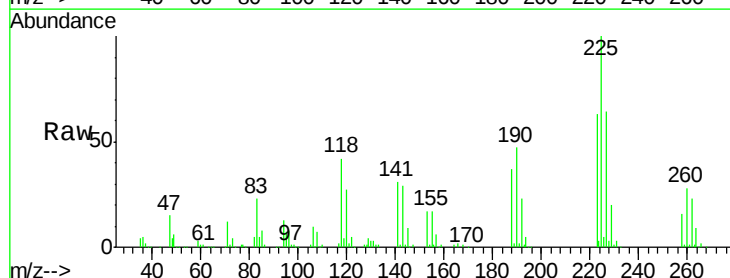
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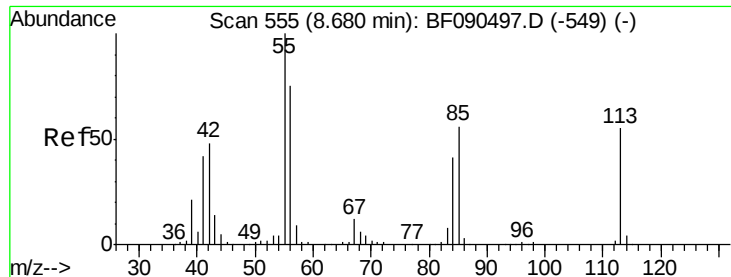
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#34
Hexachlorobutadiene
Concen: 33.55 ng
RT: 8.37 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		291683		
223	62.9	51.0	76.4		
227	63.7	50.8	76.2		





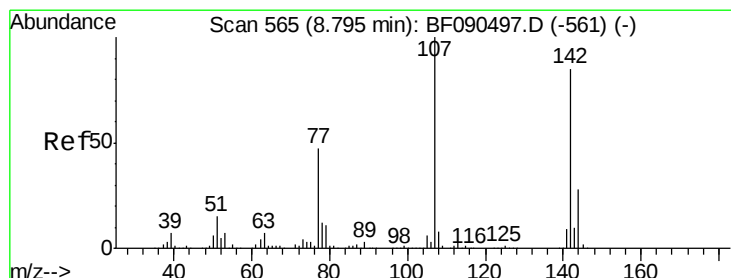
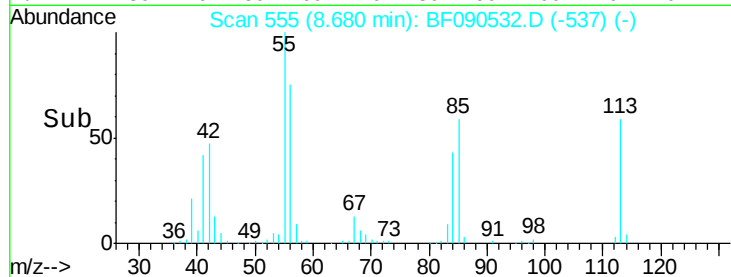
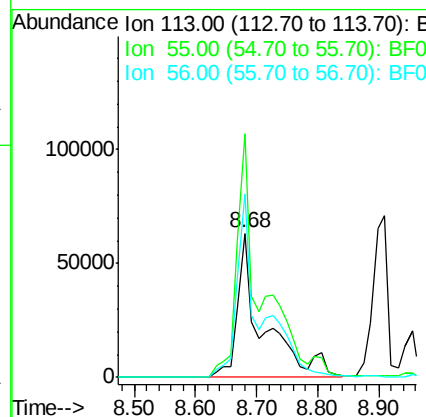
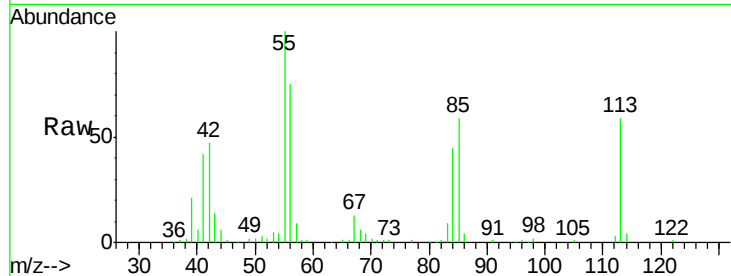
#35
Caprolactam
Concen: 41.42 ng/ml
RT: 8.68 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.0	203.3	243.3#
56	127.5	140.5	180.5#

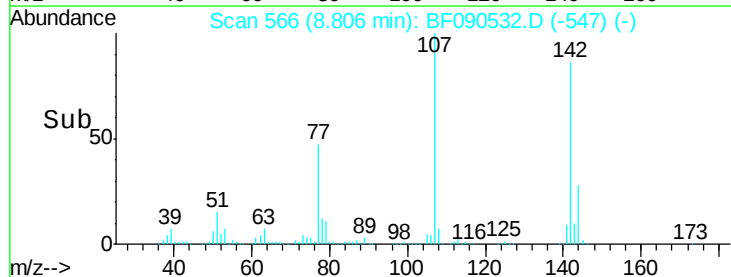
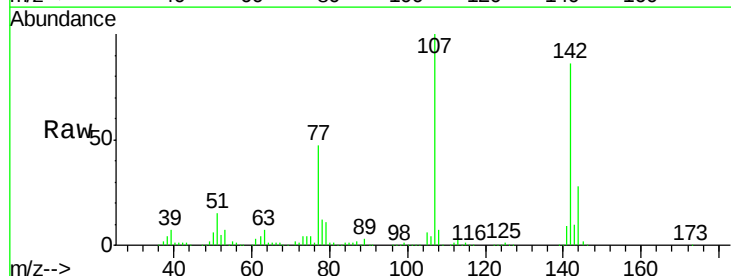
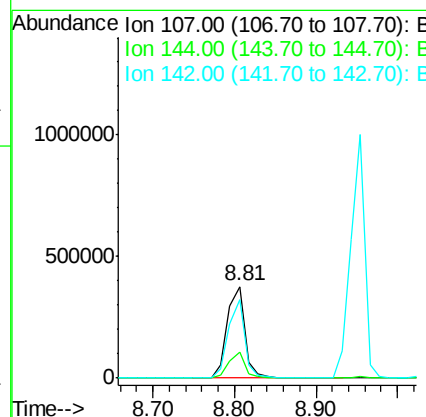
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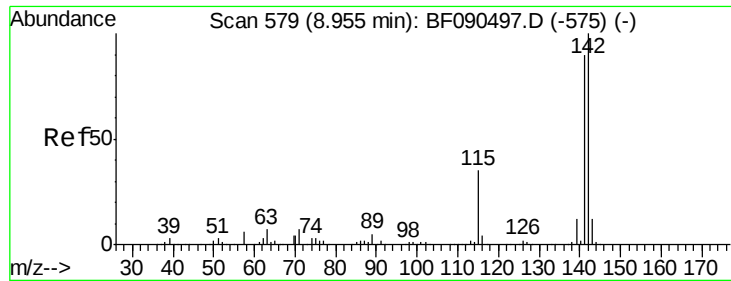
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#36
4-Chloro-3-methylphenol
Concen: 35.99 ng/ml
RT: 8.81 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	19.8	29.8
142	85.8	60.7	91.1





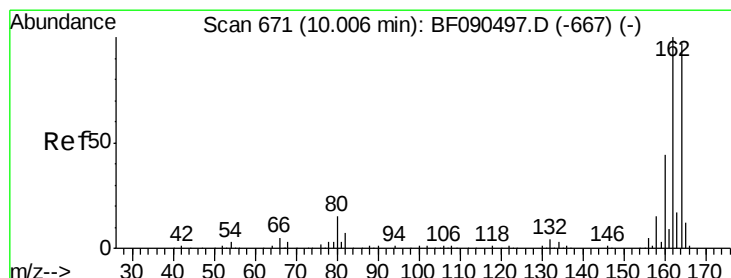
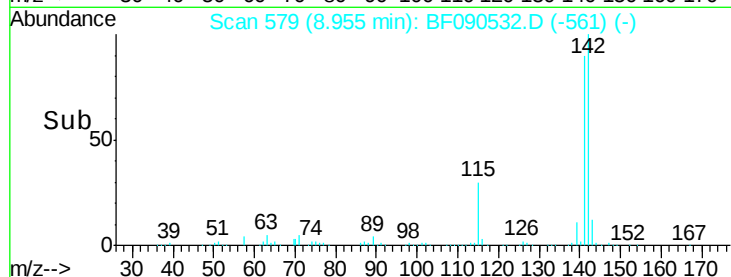
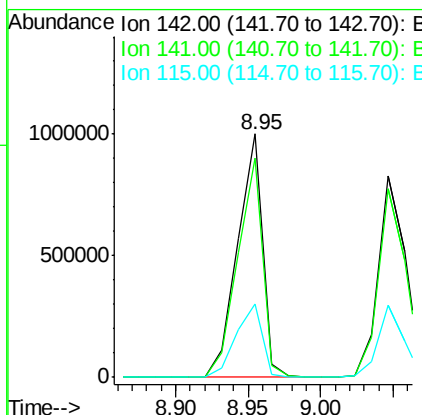
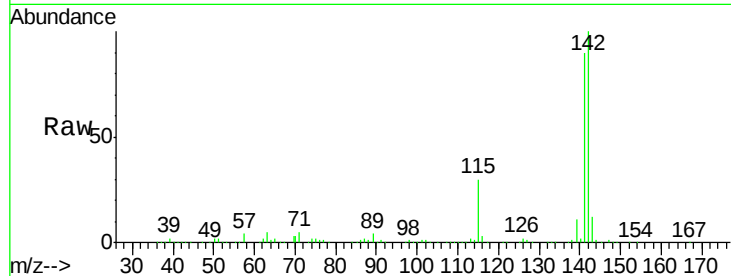
#37
2-Methylnaphthalene
Concen: 33.96 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8
115	30.2	28.8	43.2

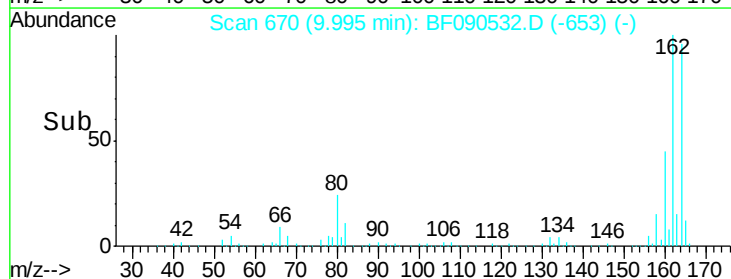
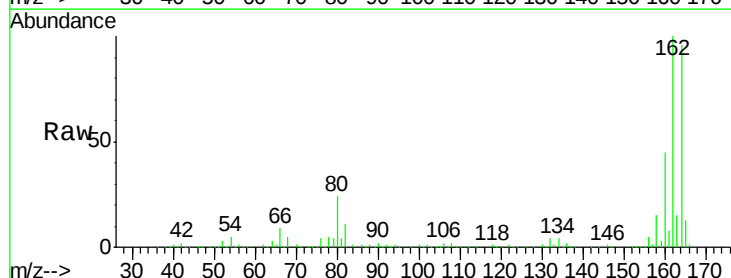
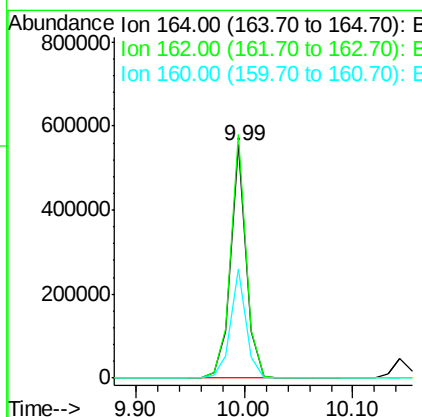
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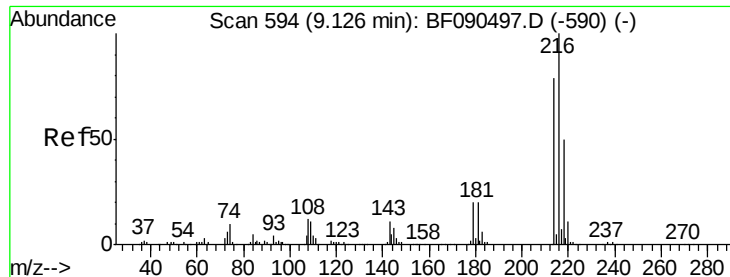
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.1	120.1
160	46.8	36.3	54.5





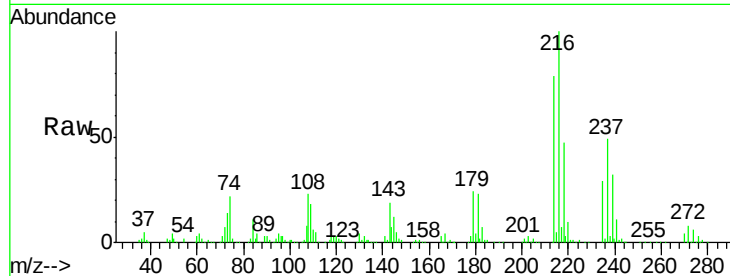
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.32 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

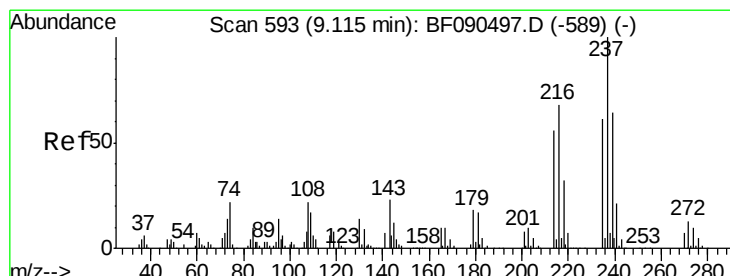
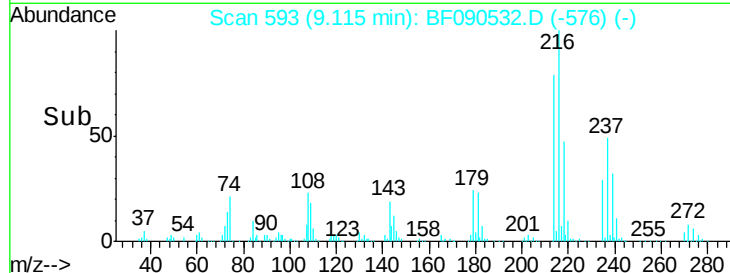
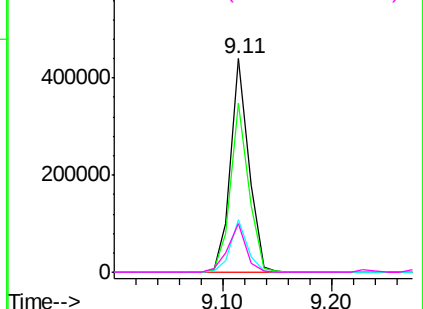
Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6		64.2	96.2	
179	22.4		18.0	27.0	
108	22.6		15.2	22.8	

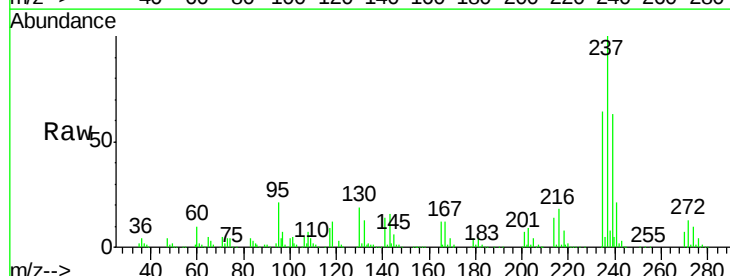


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

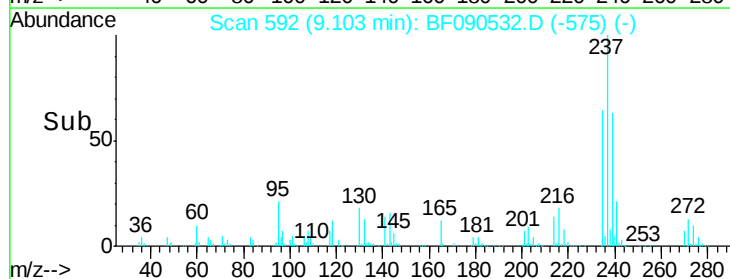
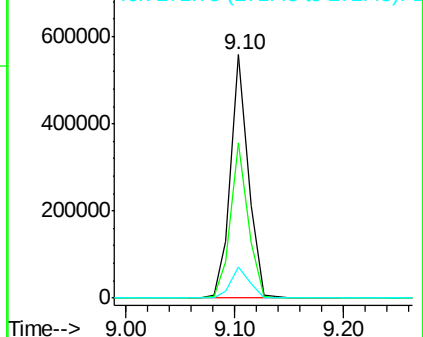


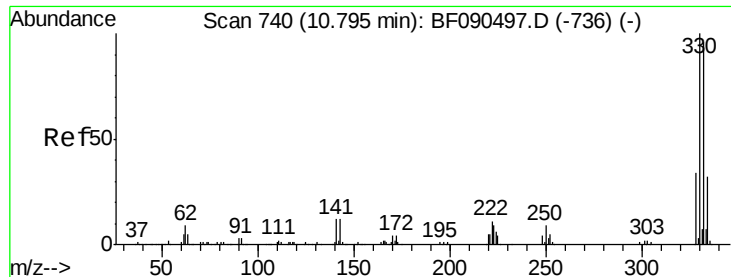
#40
 Hexachlorocyclopentadiene
 Concen: 83.51 ng
 RT: 9.10 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.5		43.6	83.6	
272	12.5		0.0	32.7	



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





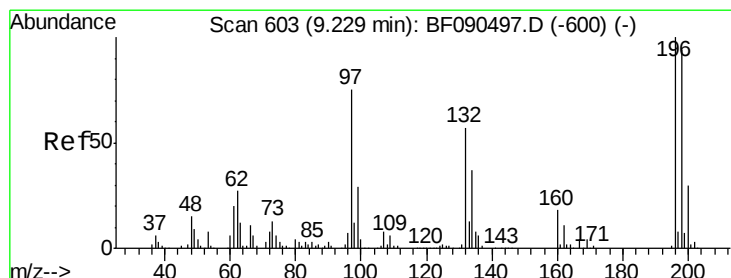
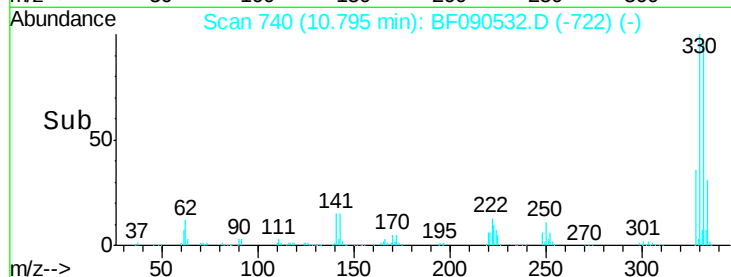
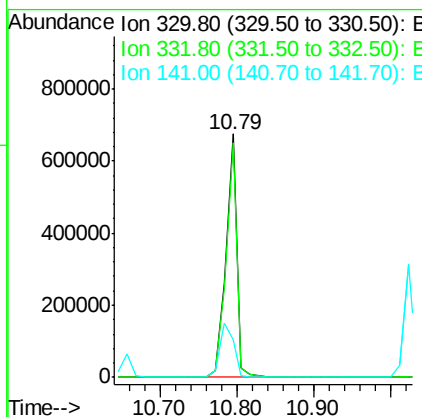
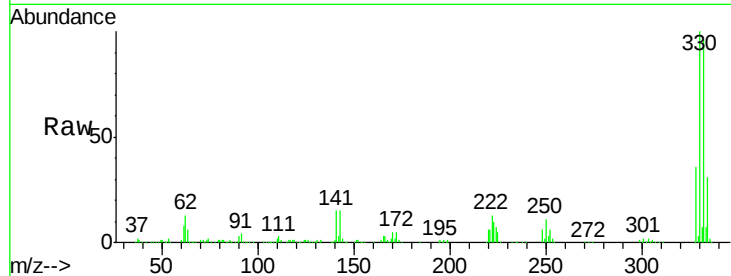
#41
 2,4,6-Tribromophenol
 Concen: 127.31 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	687854		
332	96.1		75.4	113.0
141	28.5		26.9	40.3

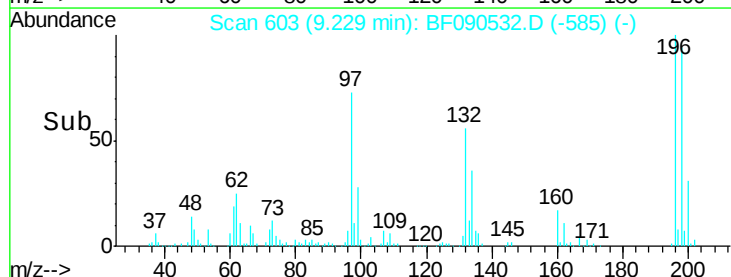
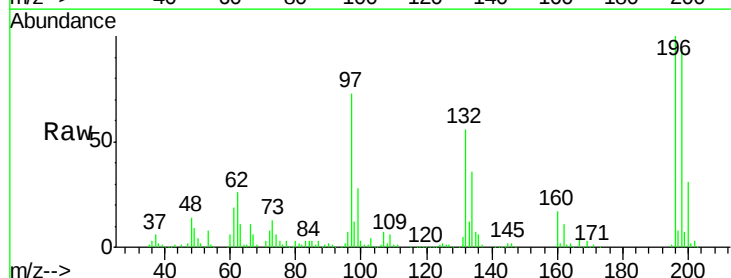
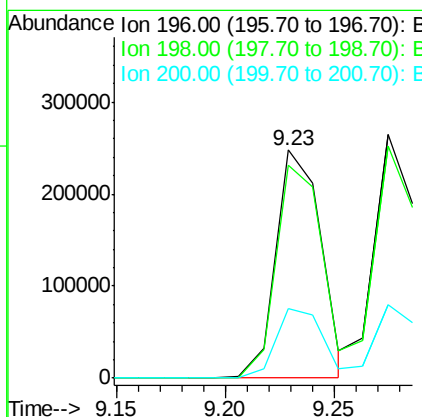
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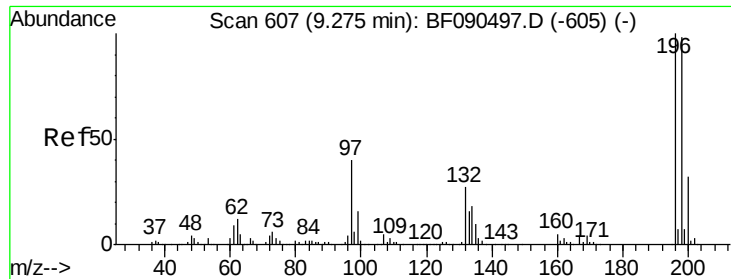
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#42
 2,4,6-Trichlorophenol
 Concen: 34.94 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	359461		
198	93.5		78.9	118.3
200	30.7		25.4	38.2





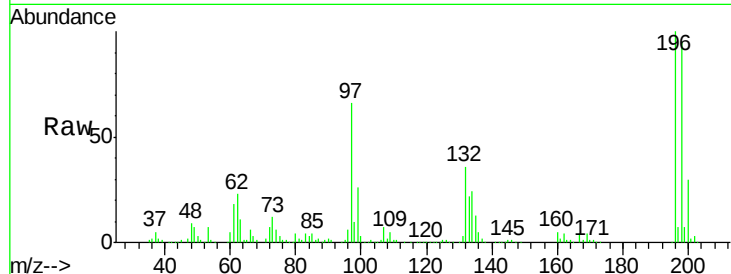
#43
 2,4,5-Trichlorophenol
 Concen: 36.53 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

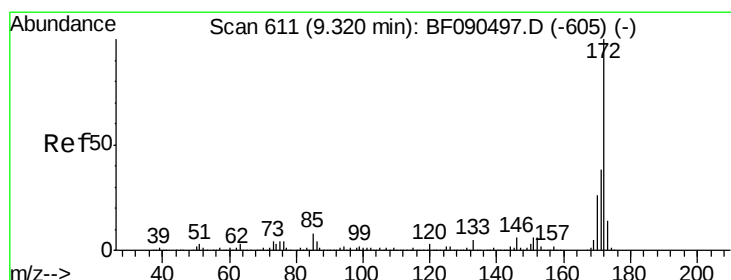
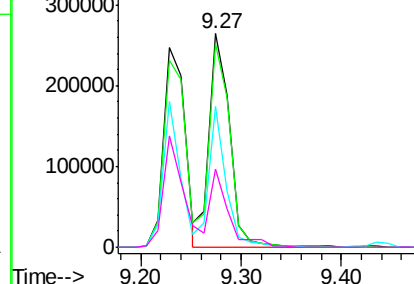
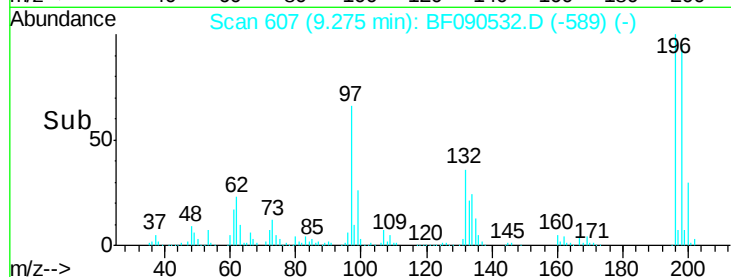
Tot Ion:	196	Resp:	371947
Ion Ratio	Lower	Upper	
196	100		
198	95.3	78.1	117.1
97	65.9	48.1	72.1
132	36.4	27.4	41.2

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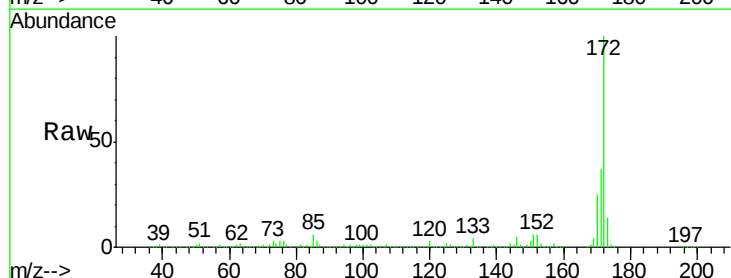


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

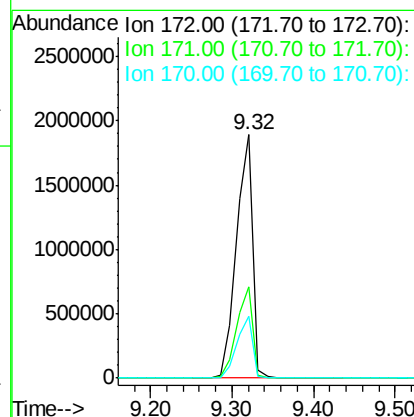
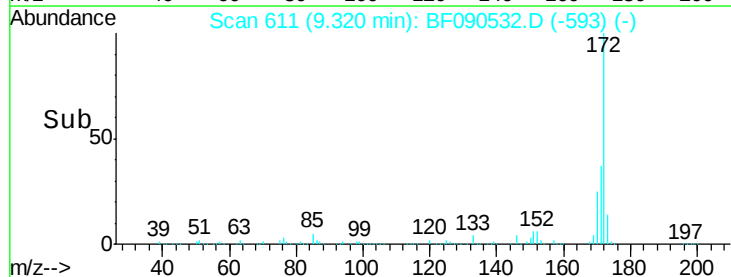


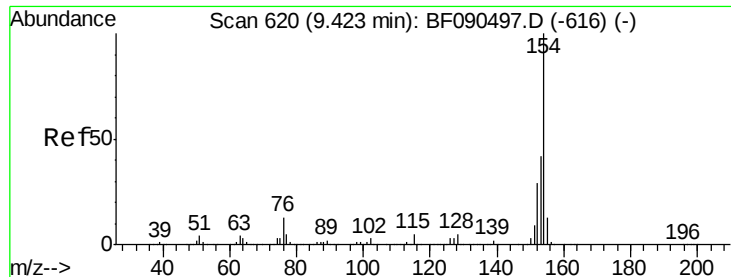
#44
 2-Fluorobiphenyl
 Concen: 80.45 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:	172	Resp:	2609342
Ion Ratio	Lower	Upper	
172	100		
171	37.4	31.8	47.8
170	25.3	21.7	32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.85 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampled :

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Tot Ion:154 Resp: 1367644

Ion Ratio Lower Upper

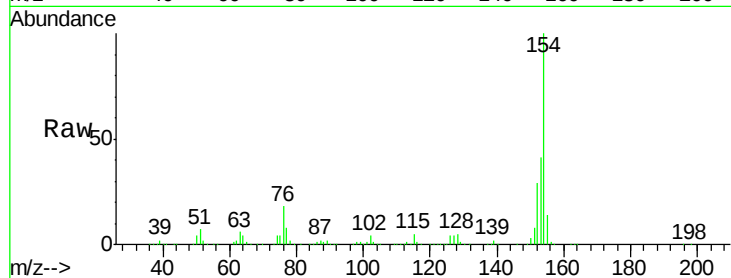
154 100

153 41.3 23.8 63.8

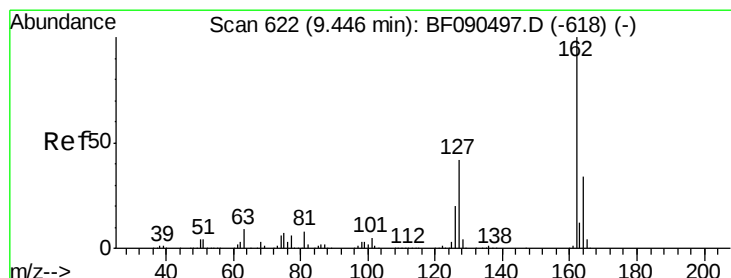
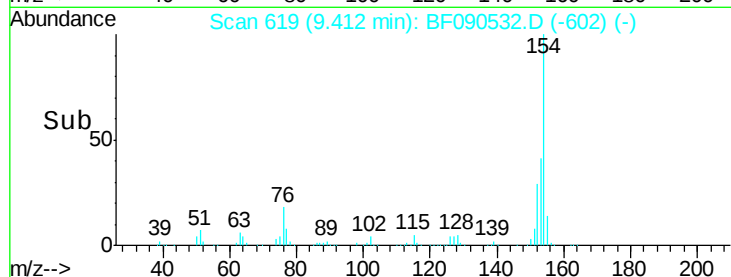
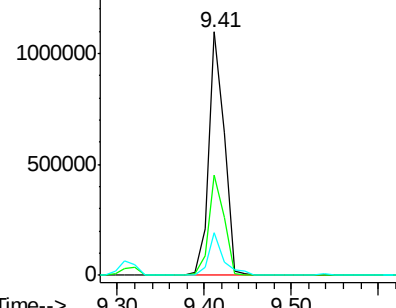
76 17.7 0.0 35.8

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Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.83 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

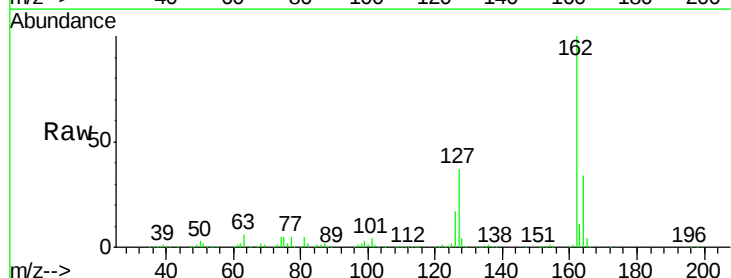
Tgt Ion:162 Resp: 1140845

Ion Ratio Lower Upper

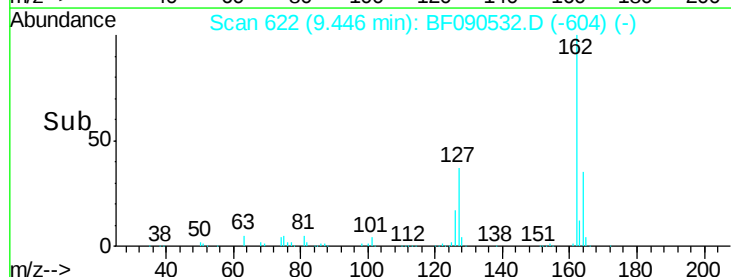
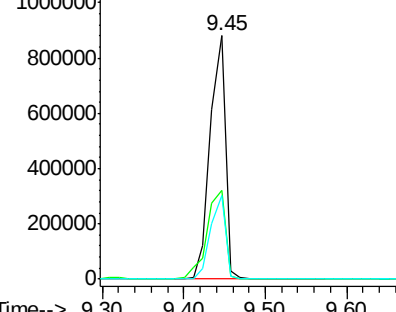
162 100

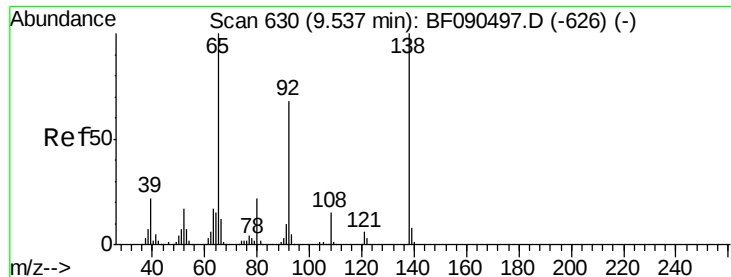
127 36.7 35.6 53.4

164 34.2 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E
1200000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 32.90 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

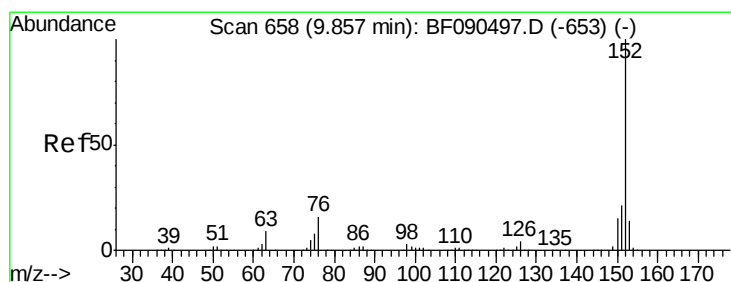
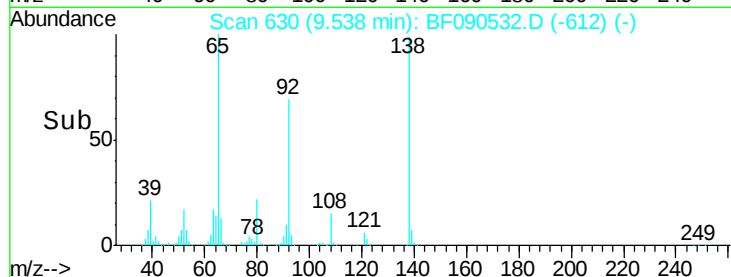
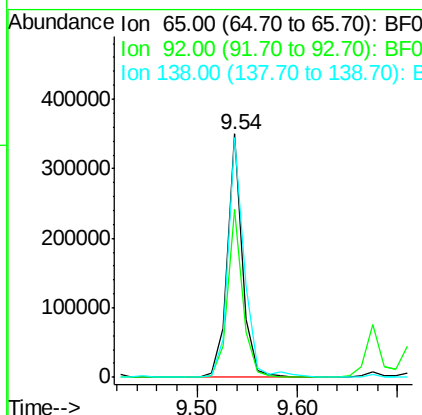
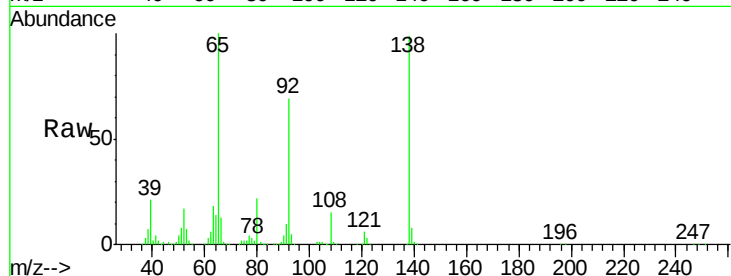
ClientSampleId :

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Tot Ion:	65	Resp:	363459
Ion	Ratio	Lower	Upper
65	100		
92	68.8	51.7	77.5
138	98.7	79.0	118.4

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#48

Acenaphthylene

Concen: 34.40 ng

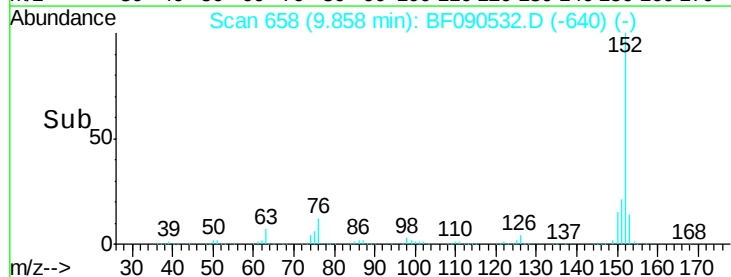
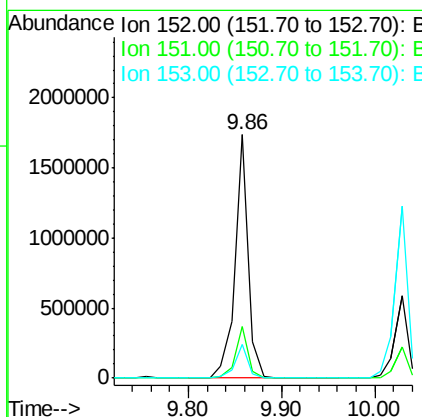
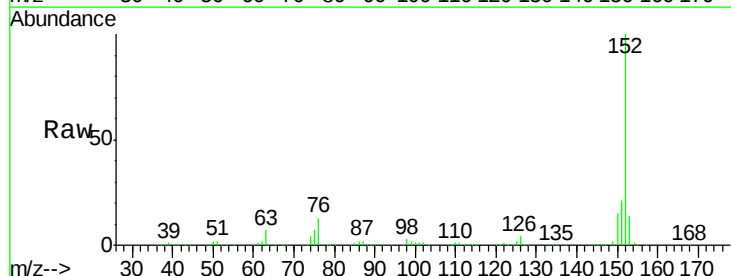
RT: 9.86 min Scan# 658

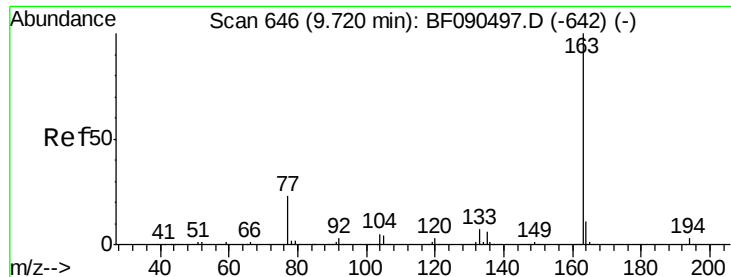
Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:	152	Resp:	1718818
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.0
153	14.0	11.6	17.4





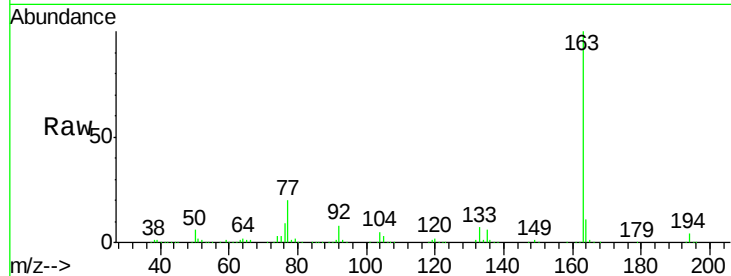
#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

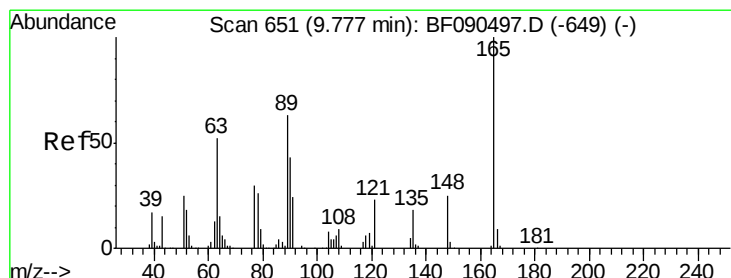
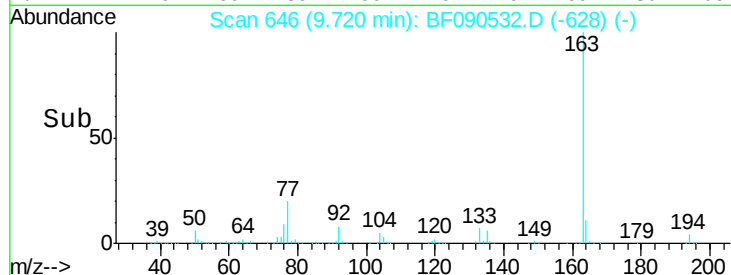
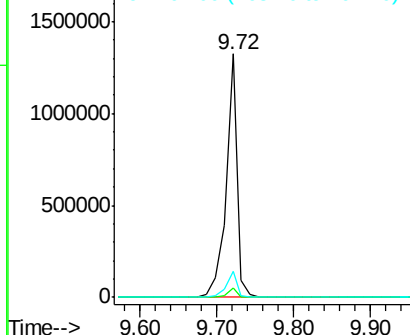
Tot Ion:163 Resp: 1344524
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.5 9.0 13.4

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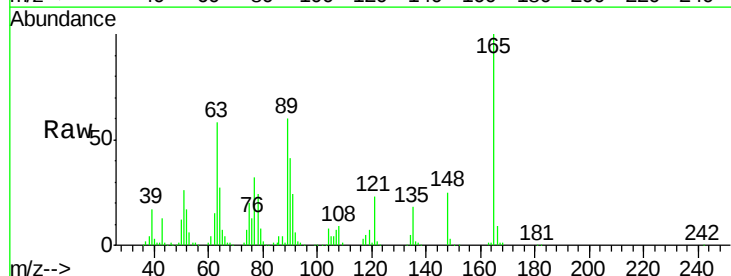


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

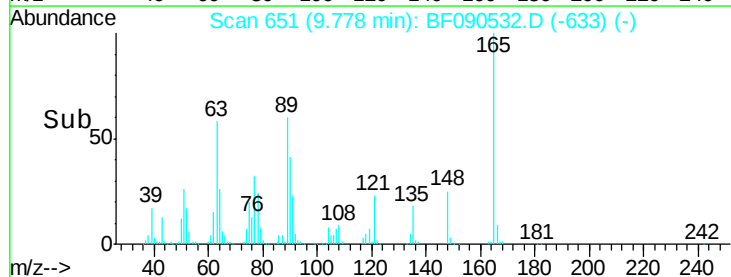
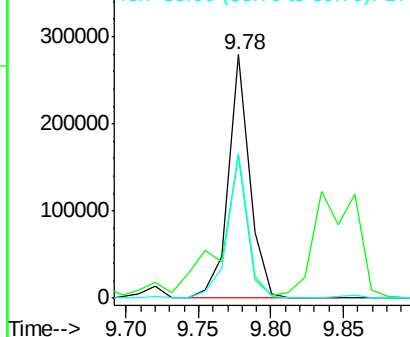


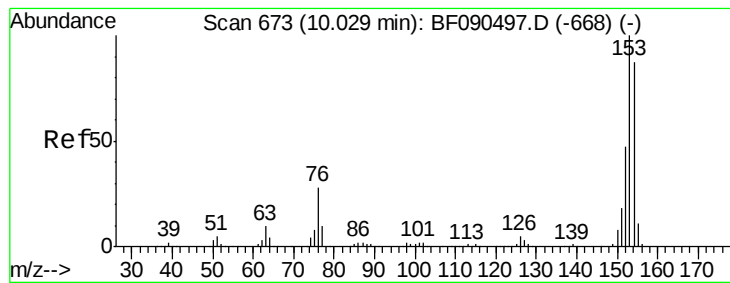
#50
2,6-Dinitrotoluene
Concen: 35.35 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:165 Resp: 286146
Ion Ratio Lower Upper
165 100
63 58.4 58.0 87.0
89 59.6 51.2 76.8



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





#51

Acenaphthene

Concen: 35.23 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:154 Resp: 1179722

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

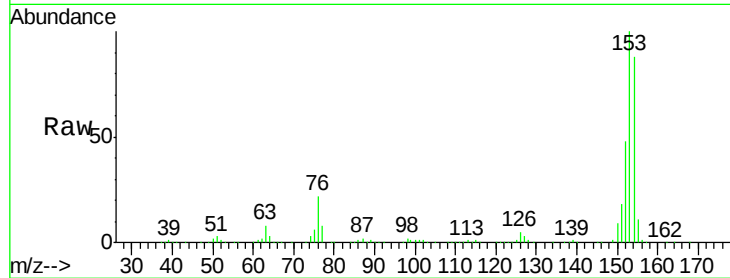
152 54.5 42.6 64.0

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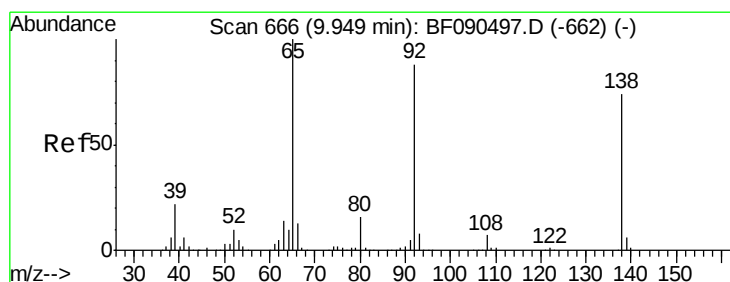
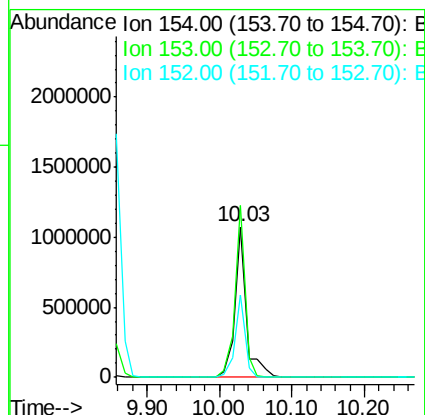
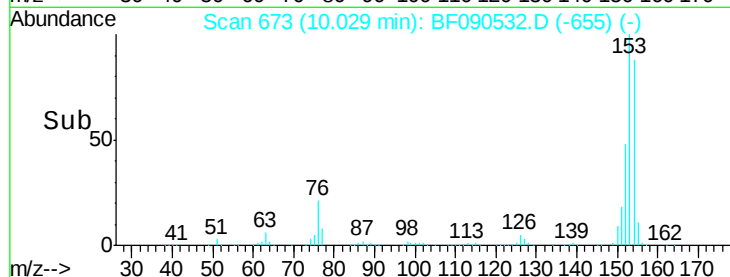
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.43 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

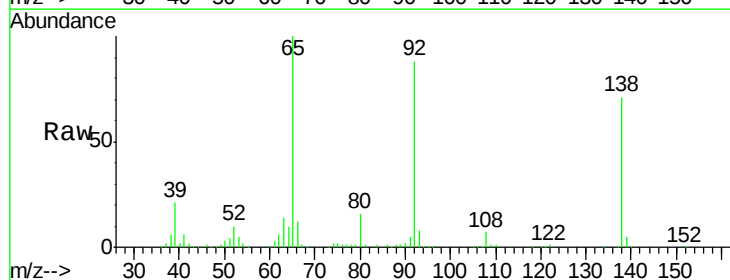
Tgt Ion:138 Resp: 165029

Ion Ratio Lower Upper

138 100

108 10.1 9.7 14.5

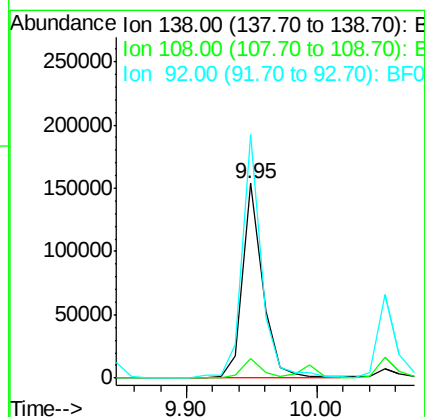
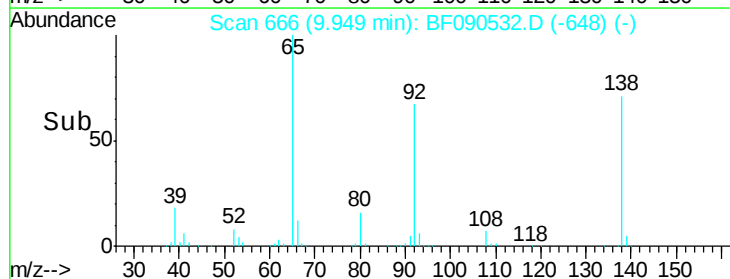
92 125.0 97.1 145.7

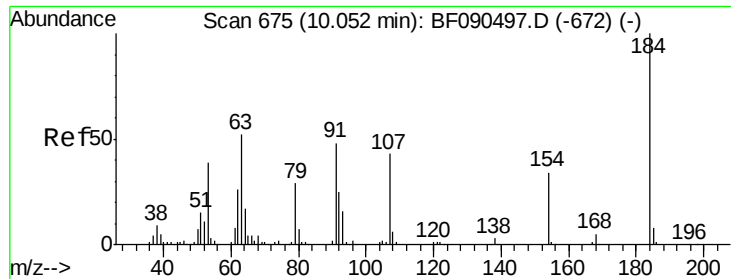


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





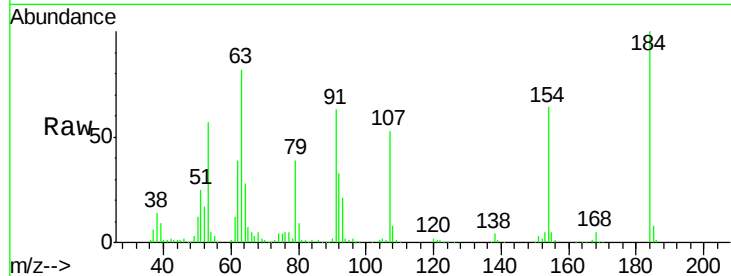
#53
2,4-Dinitrophenol
Concen: 56.79 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

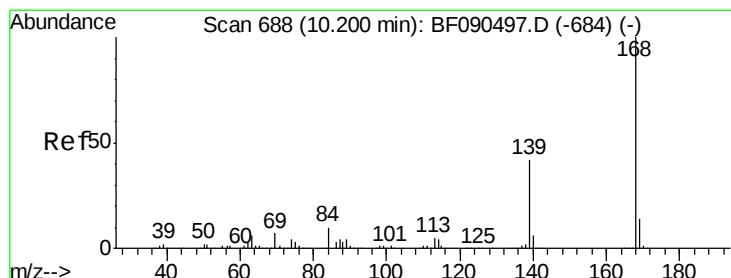
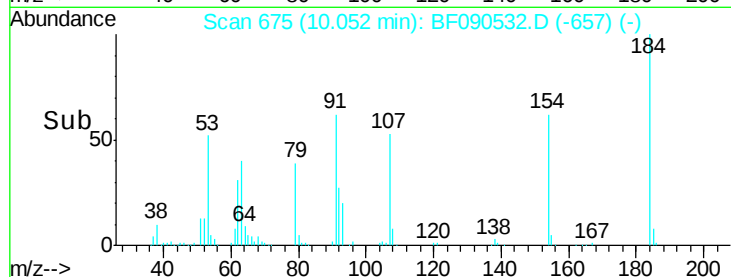
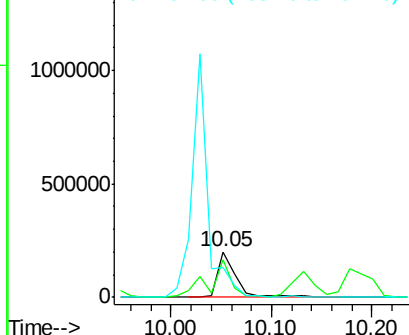
Tot Ion	Ratio	Resp	Lower	Upper
184	100	255038		
63	81.8	41.9	62.9#	
154	64.0	48.9	73.3	

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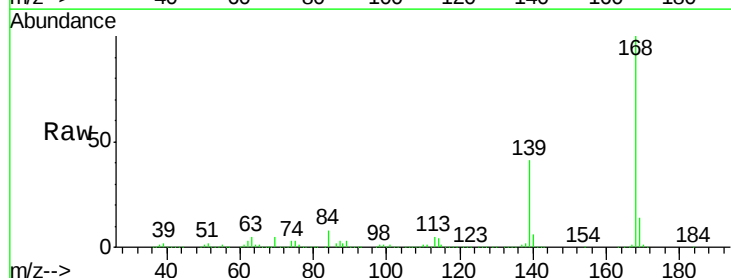


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

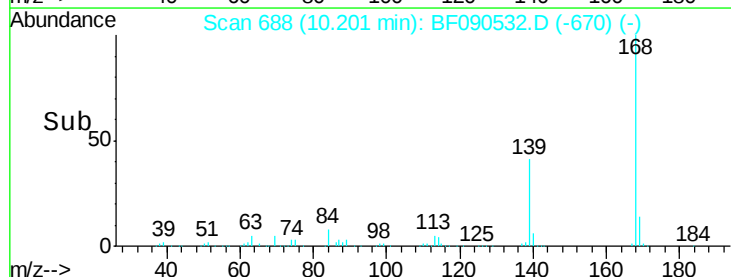
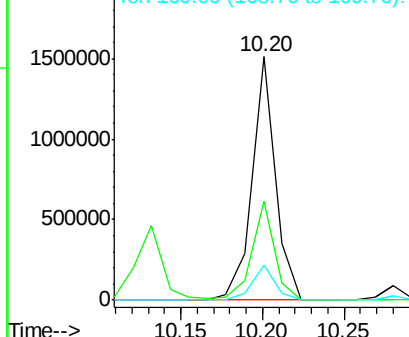


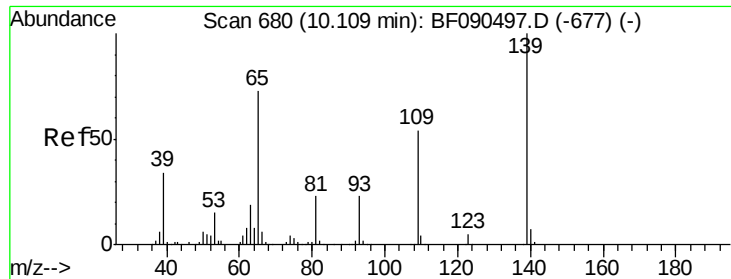
#54
Dibenzofuran
Concen: 33.84 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1508020		
139	40.9	29.6	44.4	
169	14.3	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





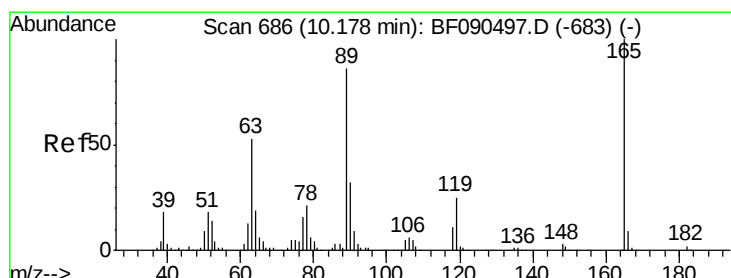
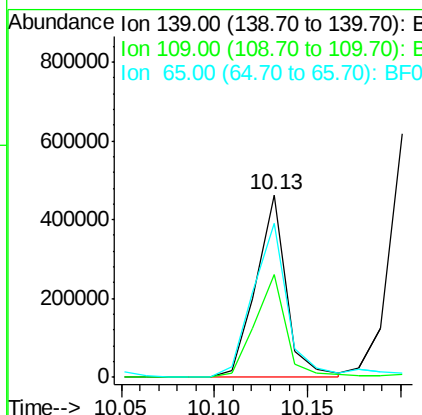
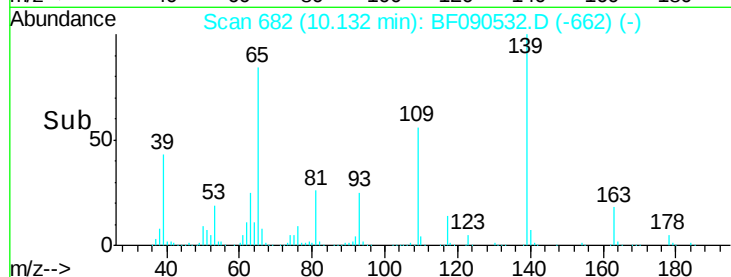
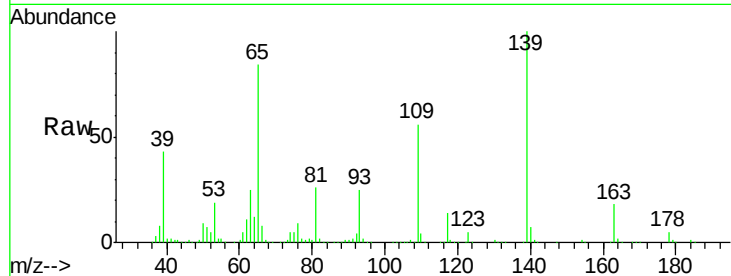
#55
4-Nitrophenol
Concen: 68.21 ng
RT: 10.13 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.9	43.6	83.6	
65	84.5	87.5	127.5	

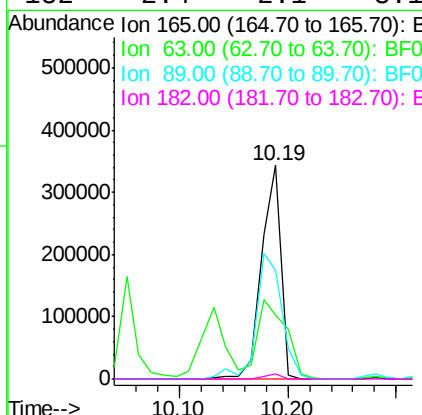
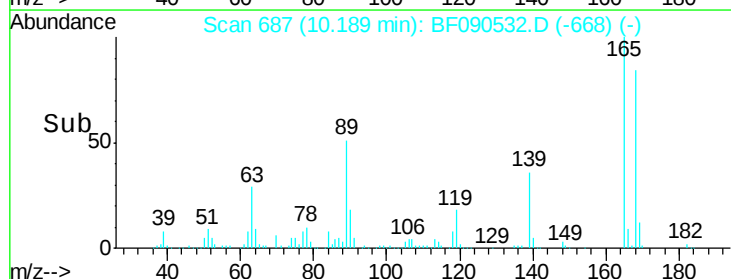
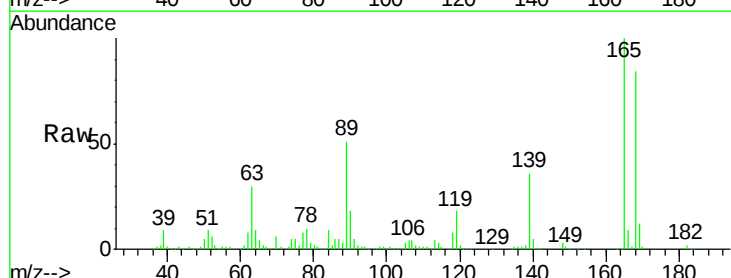
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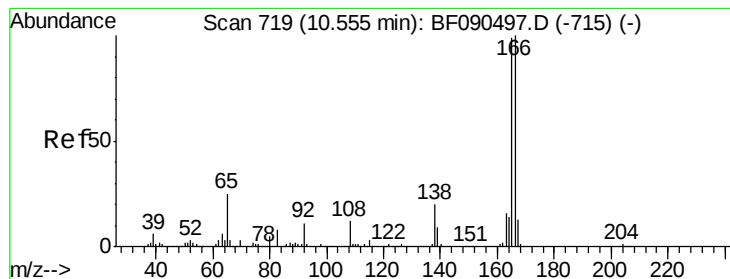
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#56
2,4-Dinitrotoluene
Concen: 39.84 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	29.7	17.8	26.6	
89	51.1	33.2	49.8	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 33.27 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:166 Resp: 1210415

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

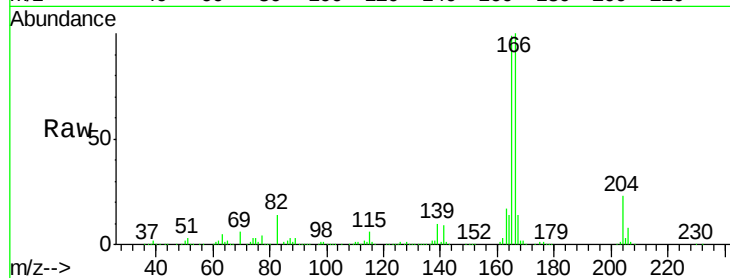
167 14.2 11.1 16.7

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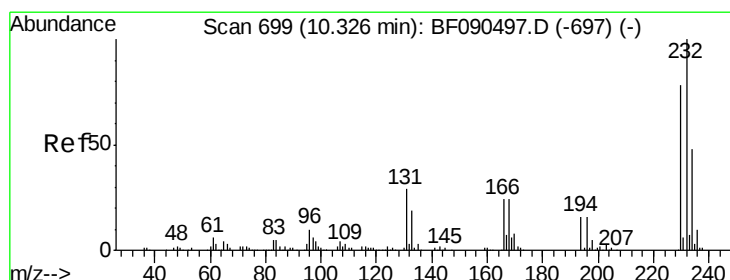
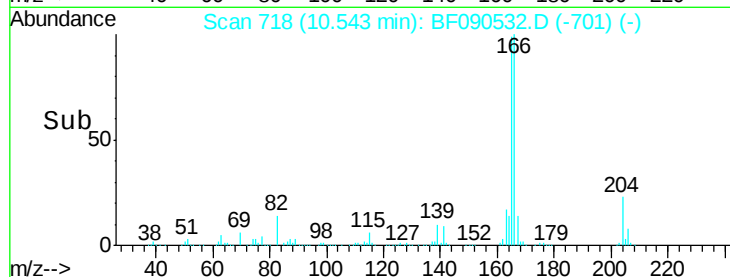
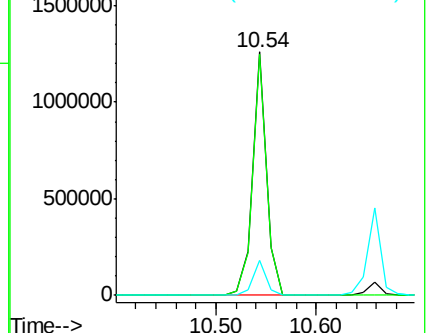
10/13/2016 2:04:29 PM



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: 36.83 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:232 Resp: 312778

Ion Ratio Lower Upper

232 100

131 46.3 34.5 51.7

130 2.1 1.6 2.4

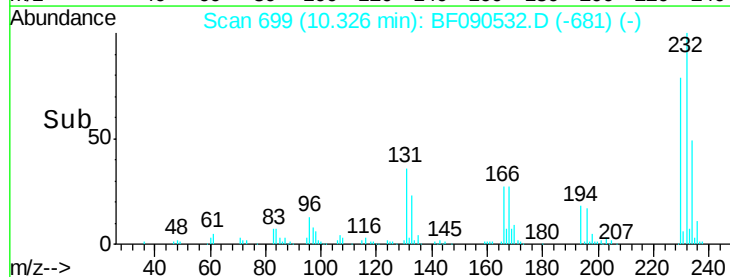
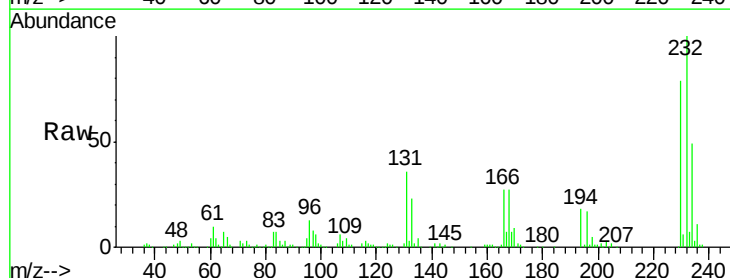
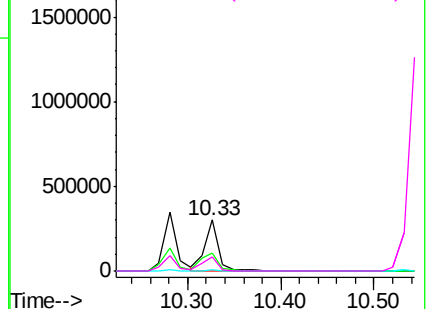
166 30.8 23.8 35.8

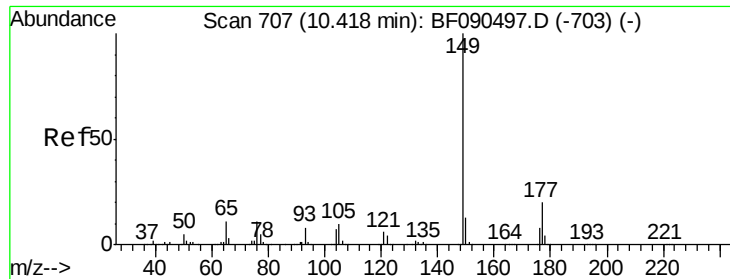
Abundance Ion 232.00 (231.70 to 232.70): E

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





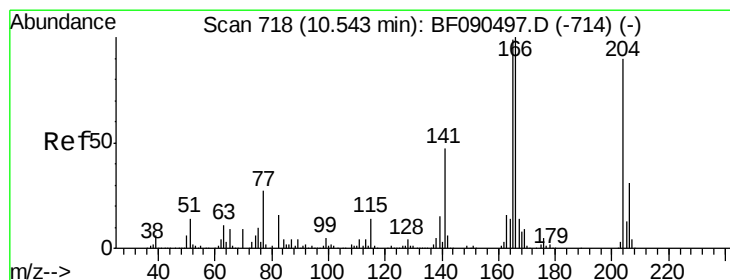
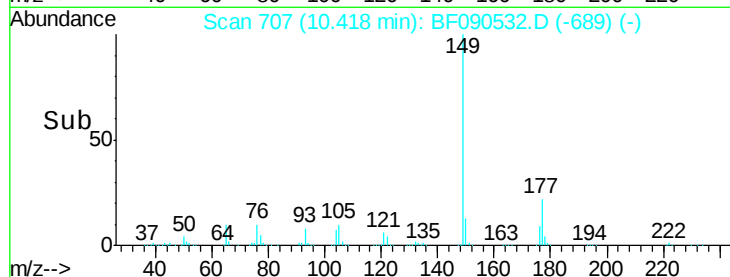
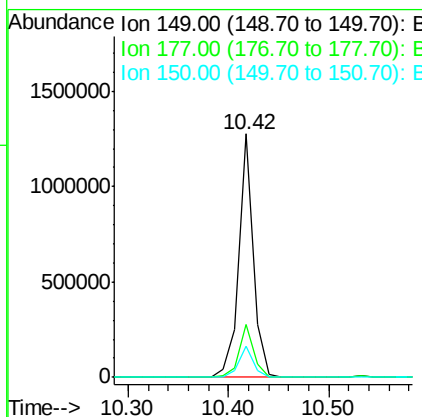
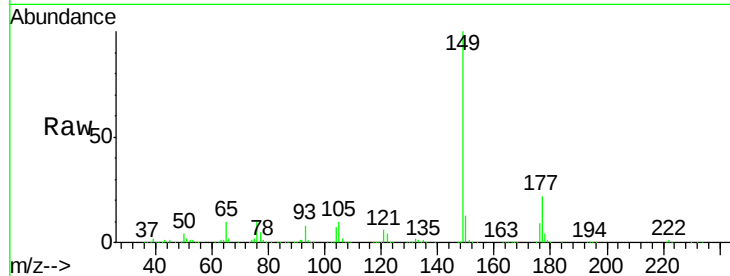
#59
Diethylphthalate
Concen: 34.44 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	21.1	31.7
150	13.0	10.2	15.2

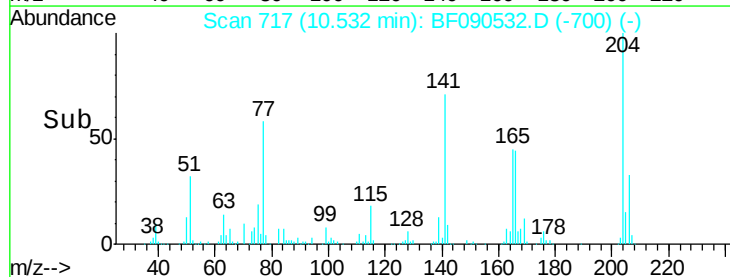
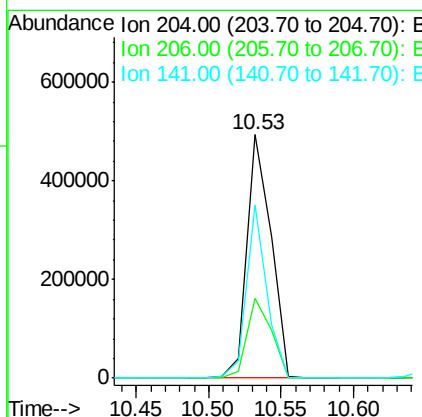
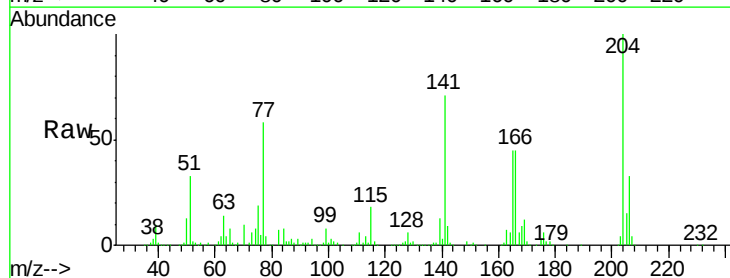
Manual Integrations
APPROVED

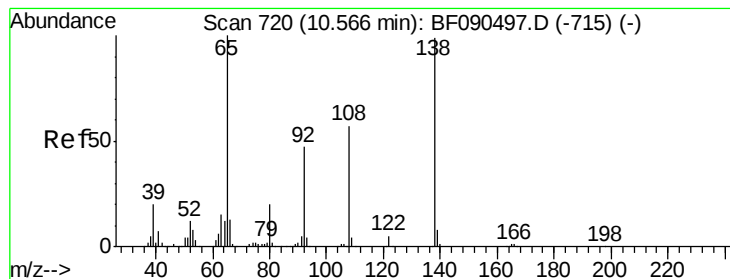
sohil
10/13/2016 2:04:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.78 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	71.0	51.7	77.5





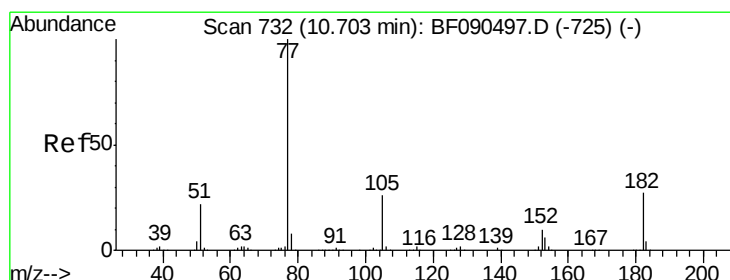
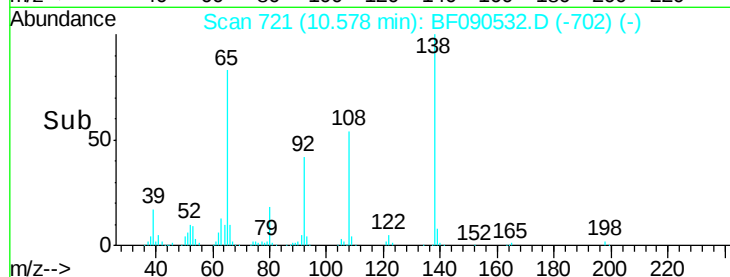
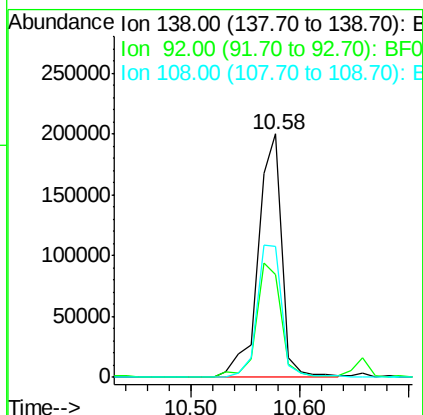
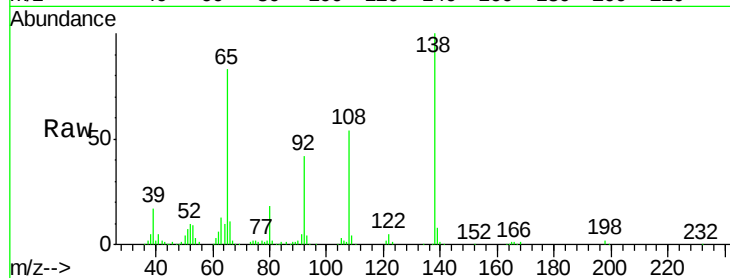
#61
4-Nitroaniline
Concen: 29.99 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.3	33.2	73.2
108	54.1	48.5	88.5

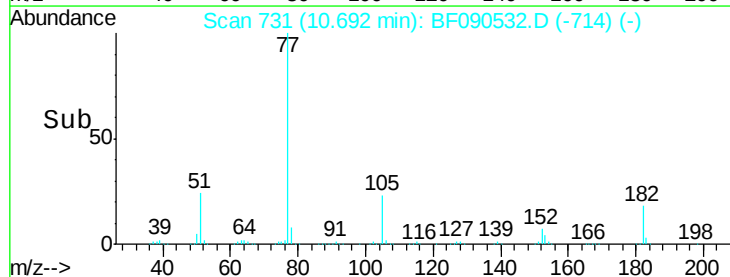
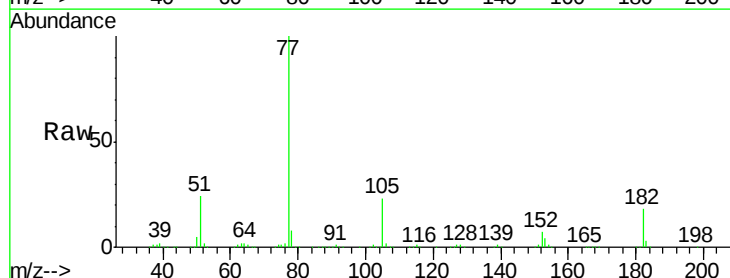
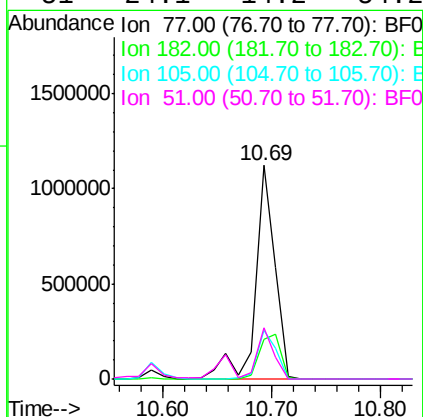
Manual Integrations
APPROVED

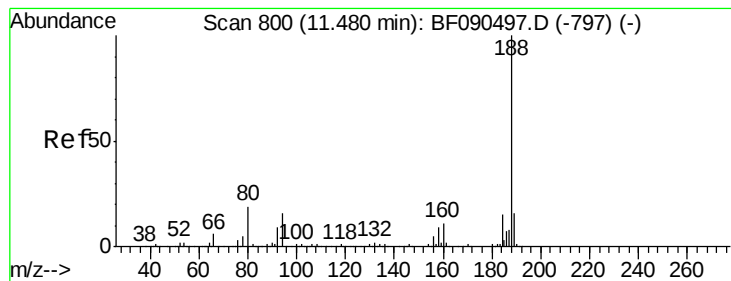
sohil
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#62
Azobenzene
Concen: 34.81 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	3.2	43.2
105	22.9	2.9	42.9
51	24.1	14.2	54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

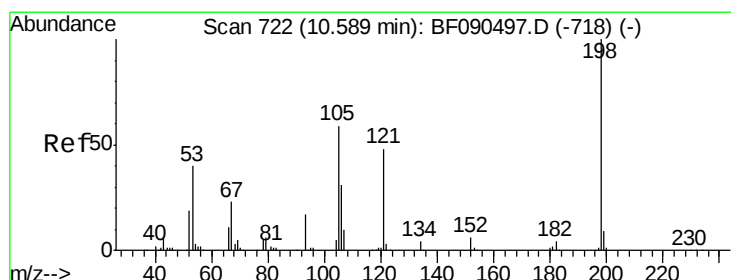
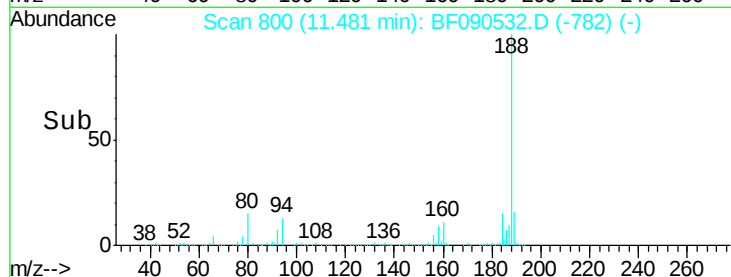
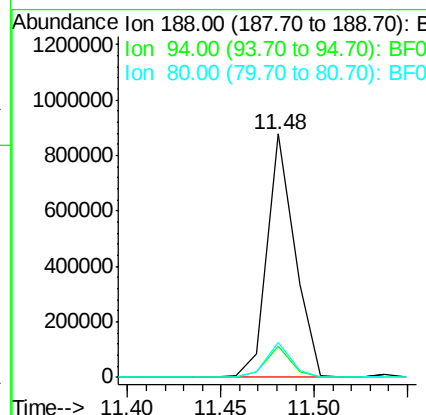
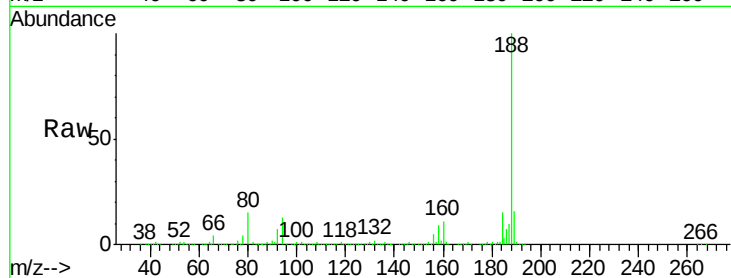
ClientSampleId :

PB93973BSD

Tot Ion:	188	Resp:	899238
Ion Ratio	Lower	Upper	
188	100		
94	13.0	8.2	12.2#
80	14.6	8.8	13.2#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 29.37 ng

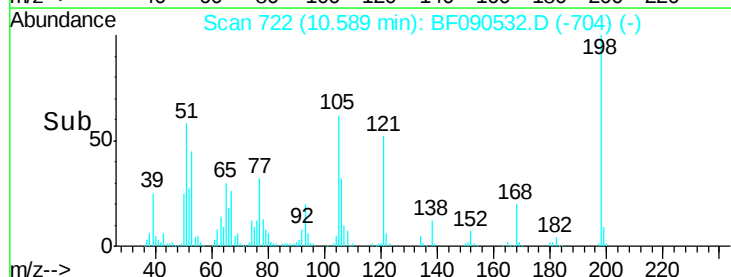
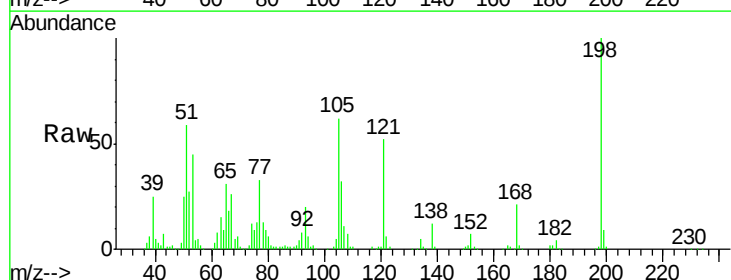
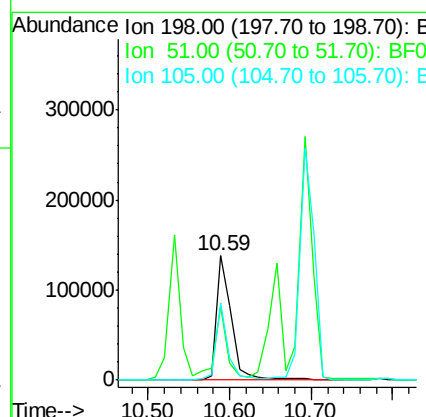
RT: 10.59 min Scan# 722

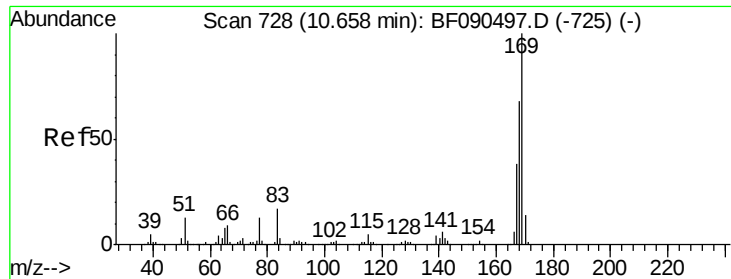
Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:	198	Resp:	176428
Ion Ratio	Lower	Upper	
198	100		
51	59.1	67.3	107.3#
105	62.1	42.6	82.6





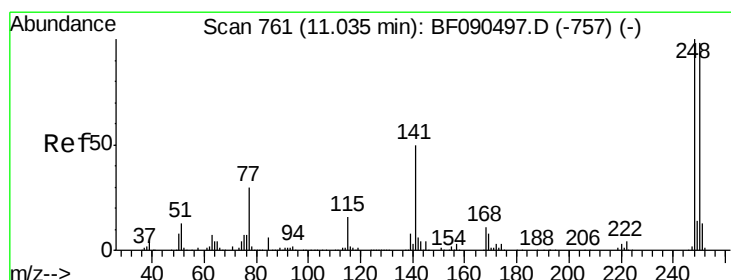
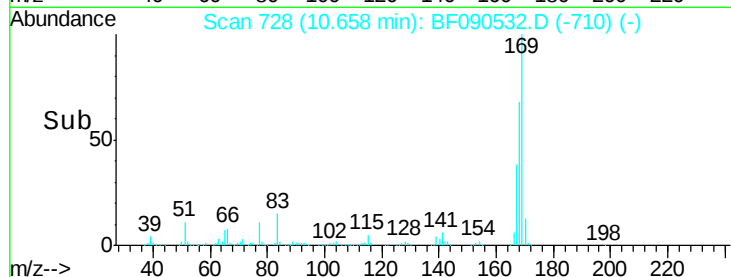
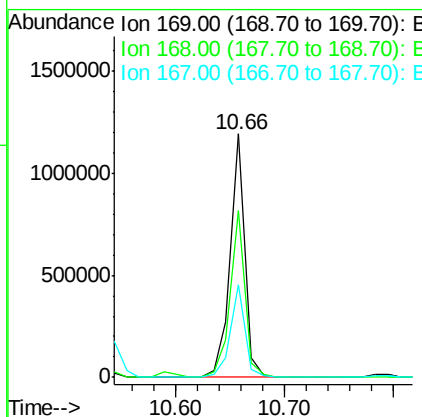
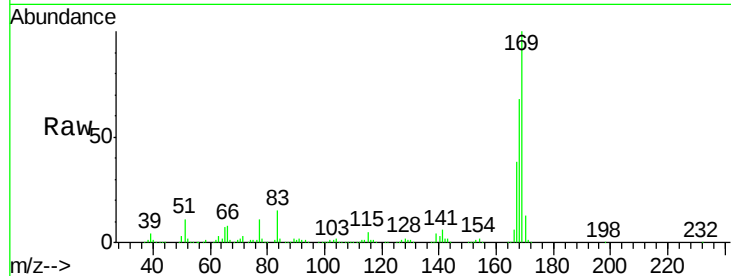
#65
n-Nitrosodiphenylamine
Concen: 37.77 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion:169 Resp: 1104559
Ion Ratio Lower Upper
169 100
168 68.5 53.8 80.6
167 38.0 29.8 44.8

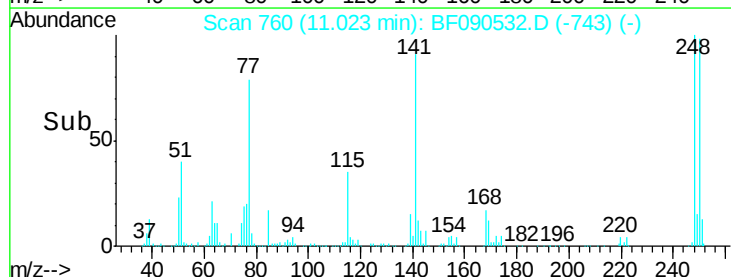
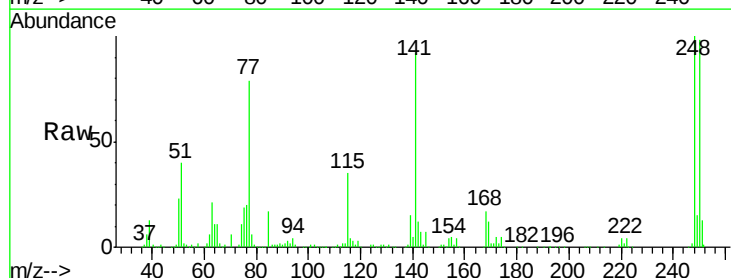
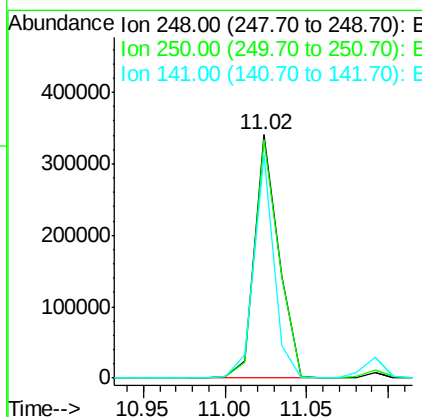
Manual Integrations
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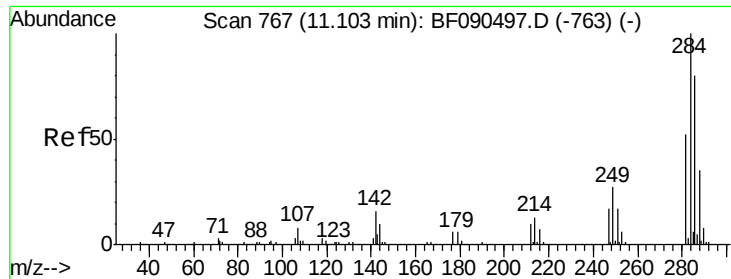
sohil
10/13/2016 2:04:29 PM



#66
4-Bromophenyl-phenylether
Concen: 35.13 ng
RT: 11.02 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:248 Resp: 350054
Ion Ratio Lower Upper
248 100
250 98.0 76.5 114.7
141 91.8 59.8 89.6#





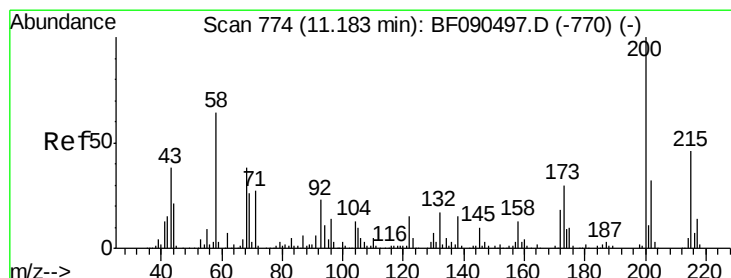
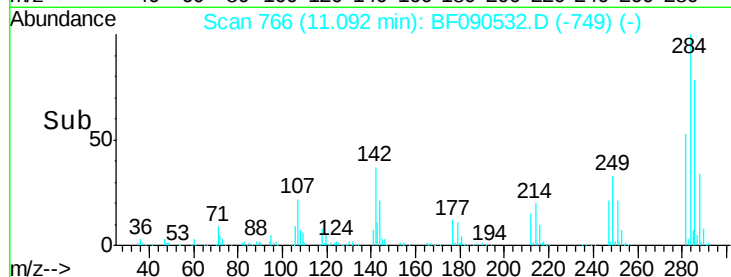
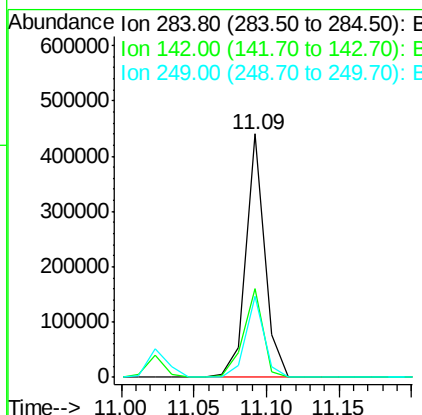
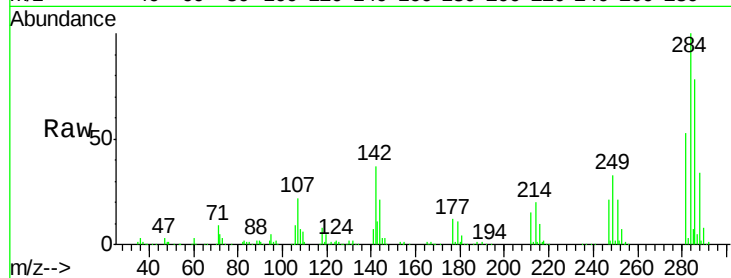
#67
Hexachlorobenzene
Concen: 36.16 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	36.6	23.1	34.7#
249	33.2	26.3	39.5

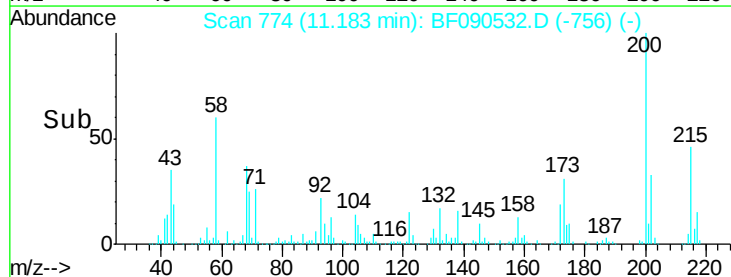
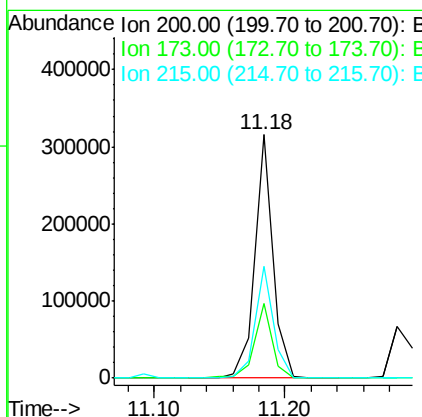
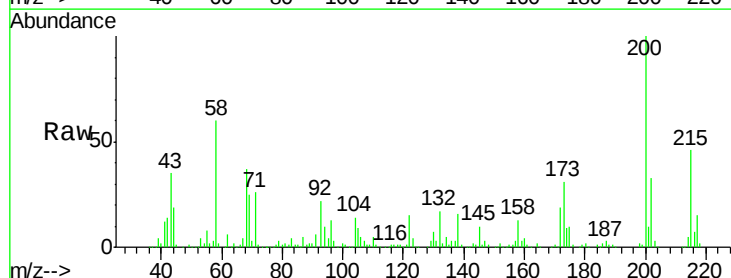
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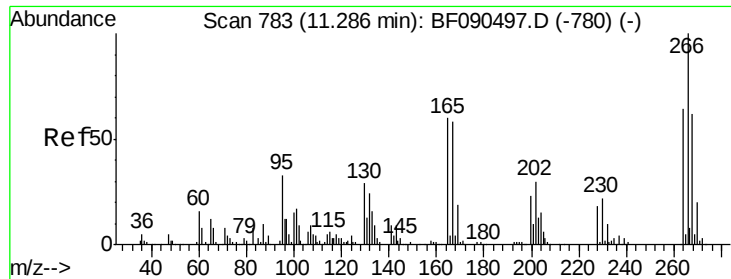
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#68
Atrazine
Concen: 34.03 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.8	9.0	49.0
215	46.0	24.8	64.8





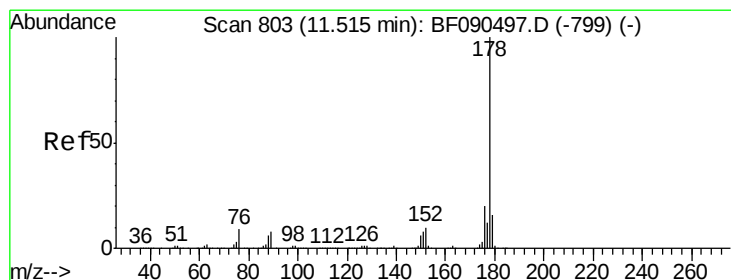
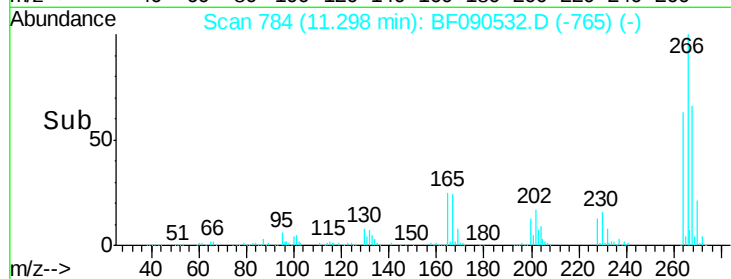
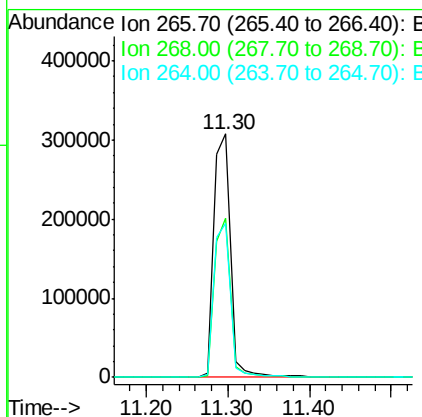
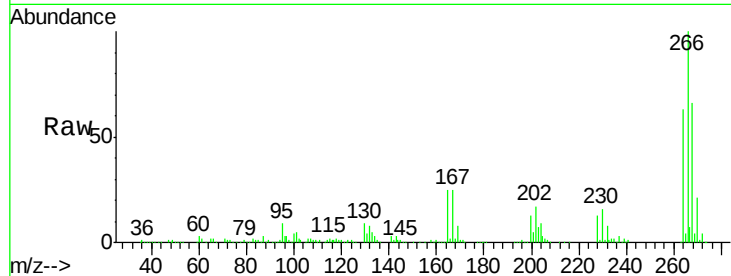
#69
 Pentachlorophenol
 Concen: 67.48 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.9	76.3
264	63.0	51.5	77.3

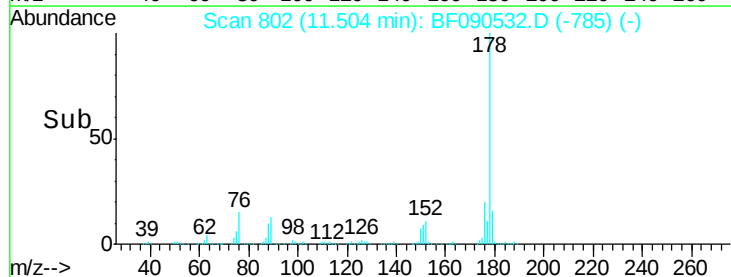
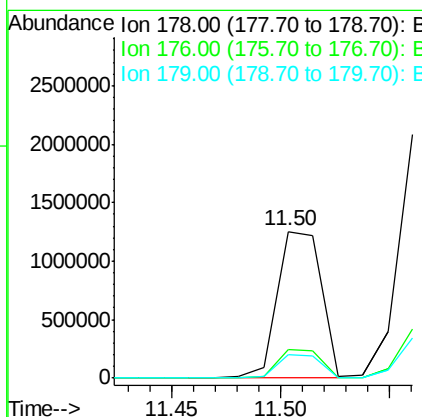
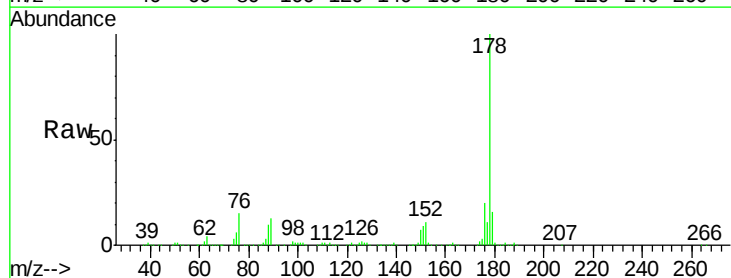
Manual Integrations
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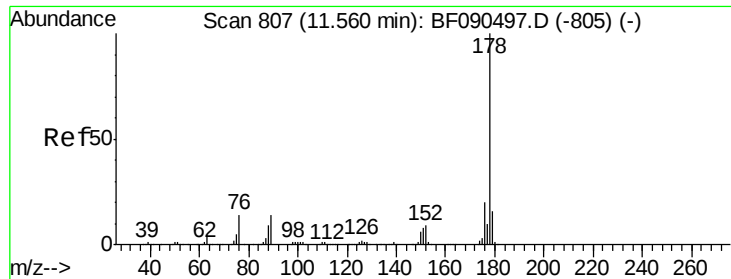
sohil
 10/13/2016 2:04:29 PM



#70
 Phenanthrene
 Concen: 35.74 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.3	25.9
179	16.3	13.8	20.6





#71
 Anthracene
 Concen: 36.46 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

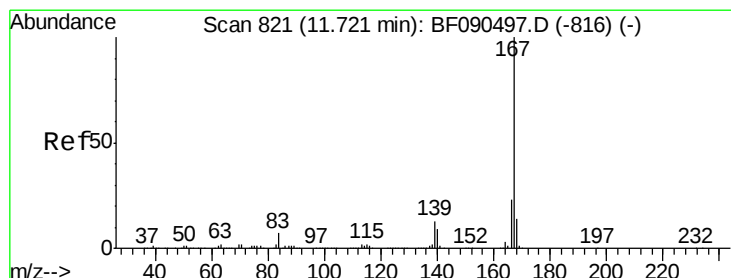
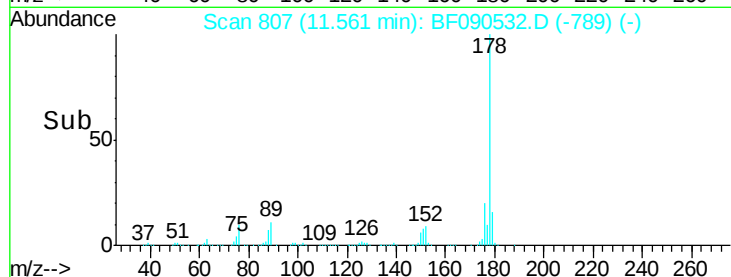
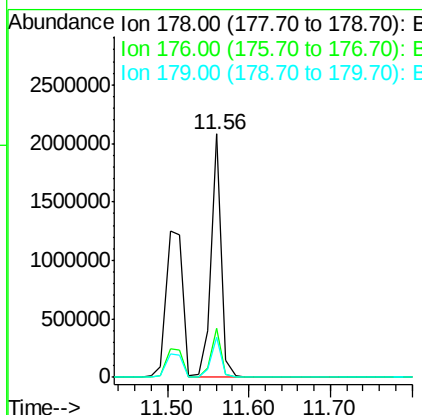
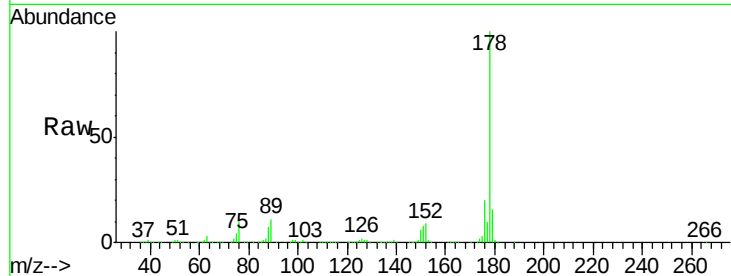
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion:178 Resp: 1830447

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.8	25.2
179	16.5	13.4	20.2

Manual Integrations
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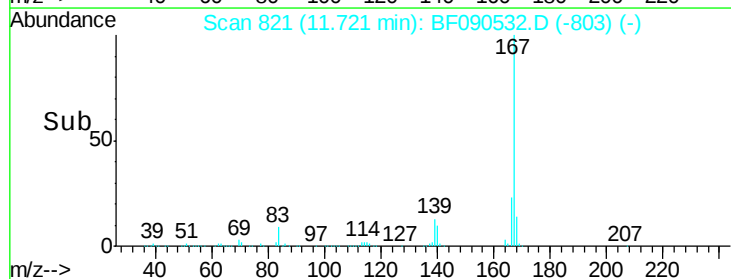
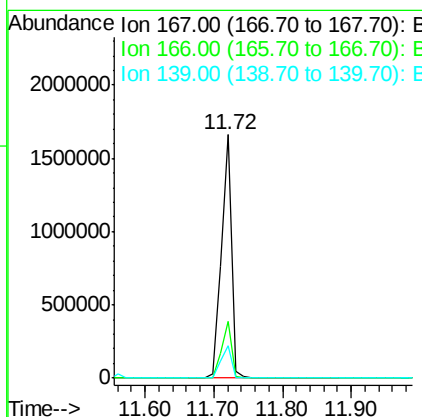
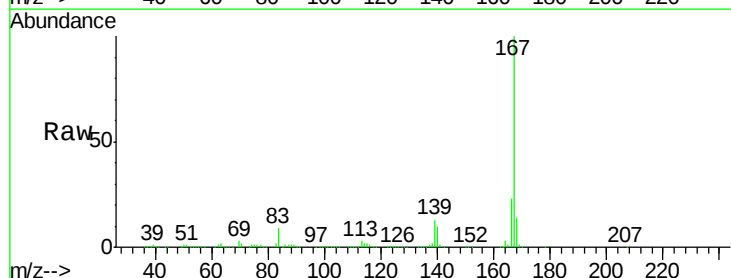
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 10/13/2016 2:04:29 PM

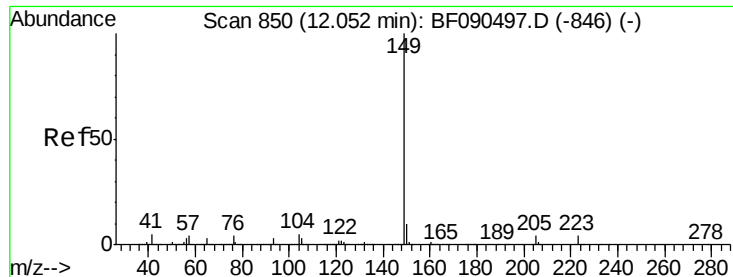


#72
 Carbazole
 Concen: 36.68 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:167 Resp: 1739246

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.1	28.7
139	13.4	12.1	18.1





#73

Di-n-butylphthalate

Concen: 33.19 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:149 Resp: 1895573

Ion Ratio Lower Upper

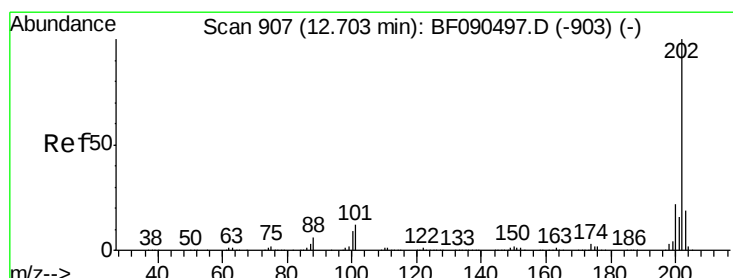
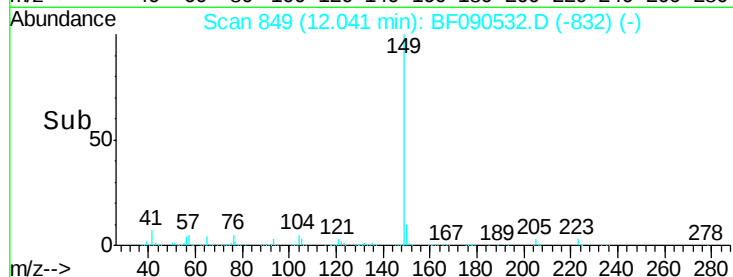
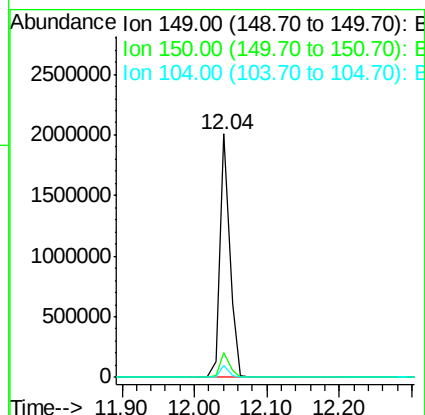
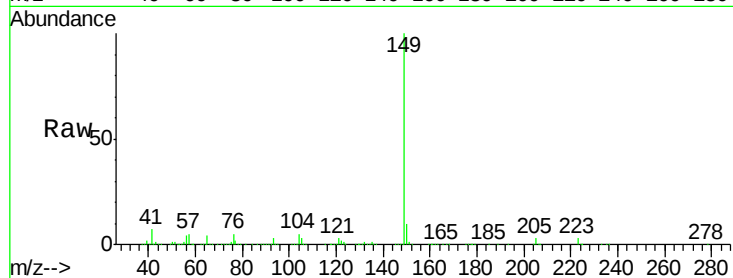
149 100

150 10.1 8.6 12.8

104 5.1 4.7 7.1

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#74

Fluoranthene

Concen: 36.62 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

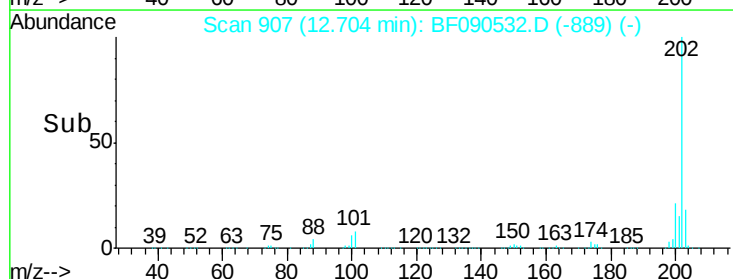
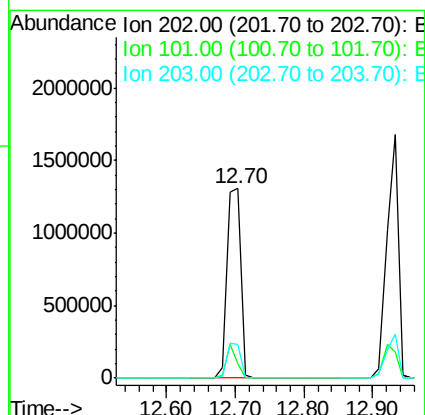
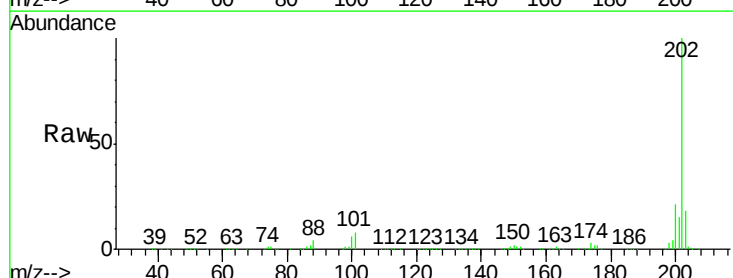
Tgt Ion:202 Resp: 1852339

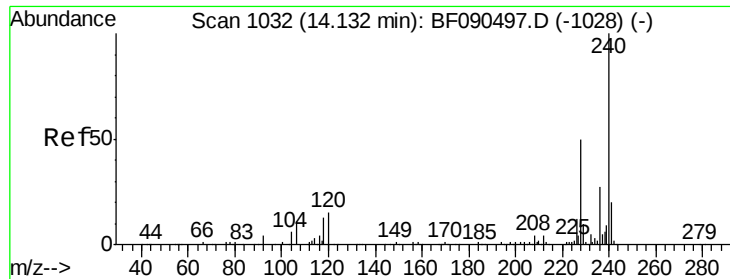
Ion Ratio Lower Upper

202 100

101 7.9 0.0 37.2

203 17.8 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

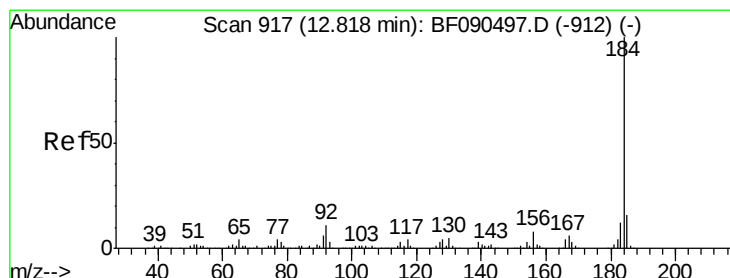
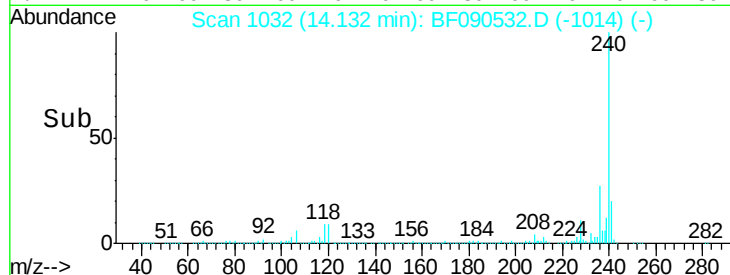
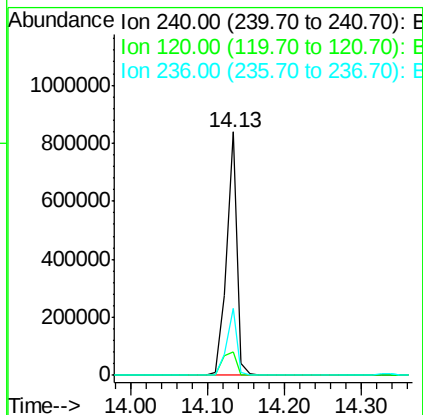
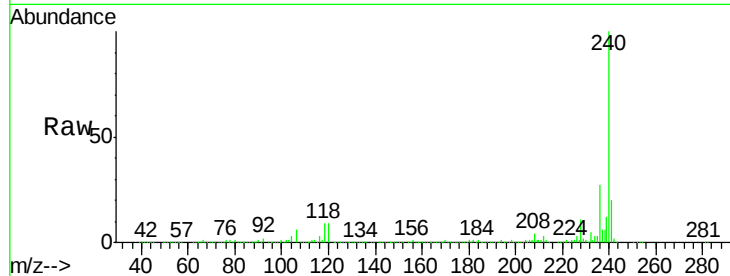
ClientSampleId :

PB93973BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	808152		
120	9.4	8.6	13.0	
236	27.3	21.6	32.4	

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#76

Benzidine

Concen: 19.48 ng

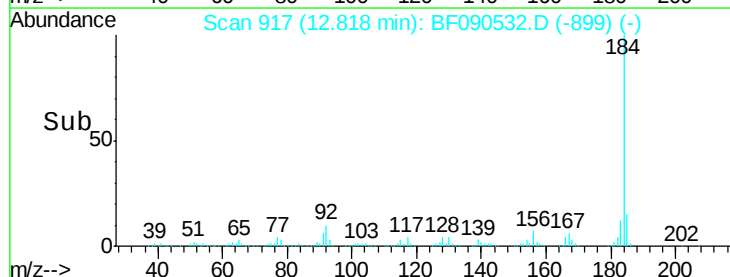
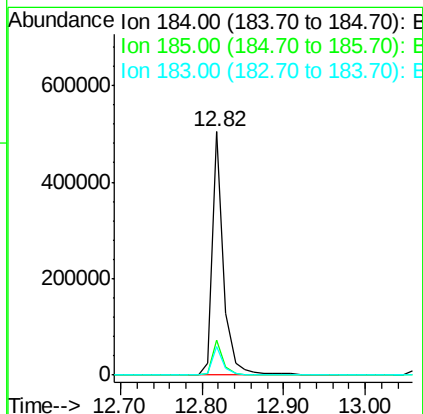
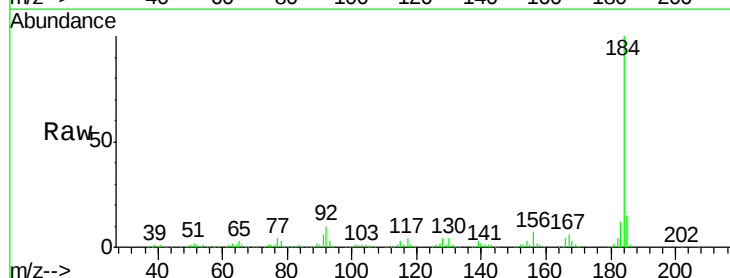
RT: 12.82 min Scan# 917

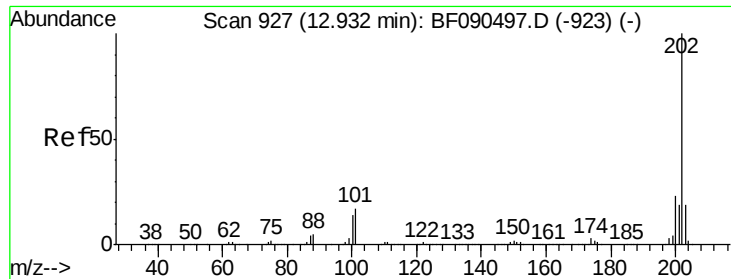
Delta R.T. 0.00 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	494792		
185	14.6	11.8	17.8	
183	11.6	9.6	14.4	





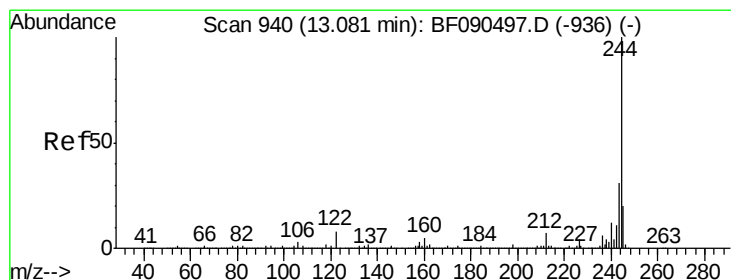
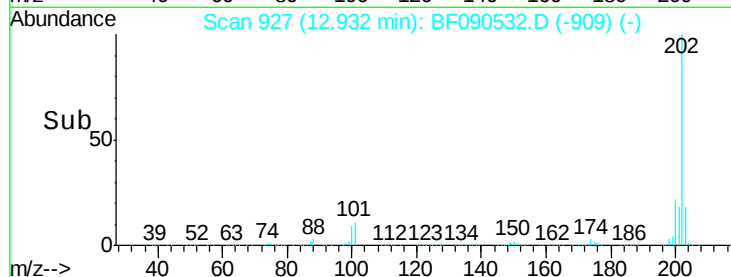
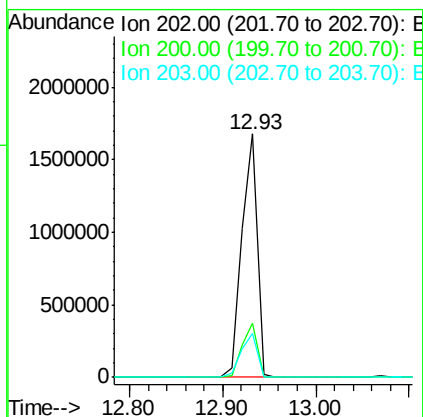
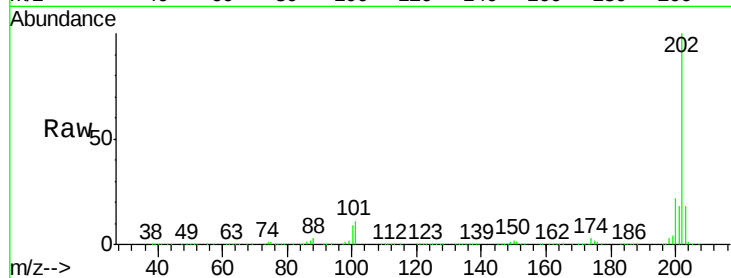
#77
Pvrene
Concen: 38.12 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.5	27.7
203	18.1	15.0	22.6

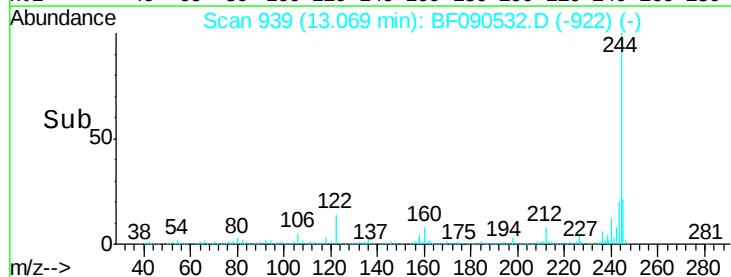
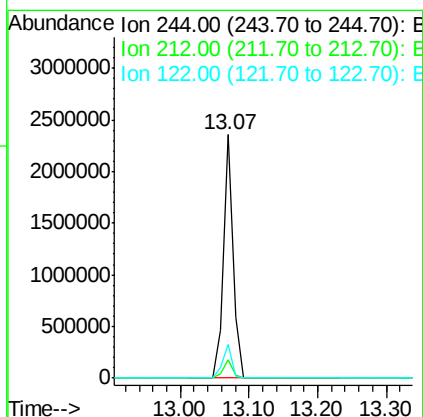
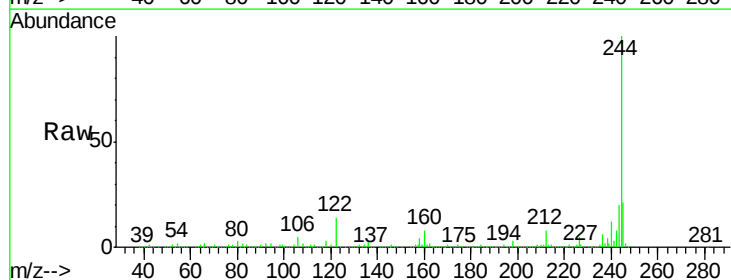
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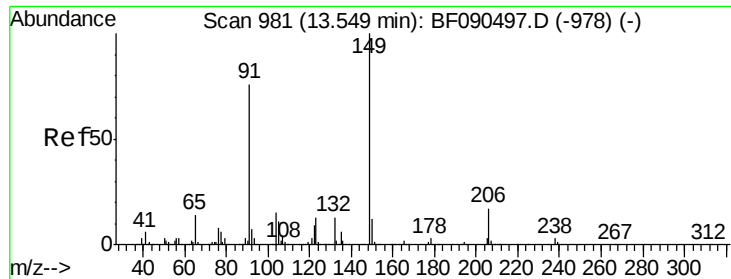
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#78
Terphenyl-d14
Concen: 71.28 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	14.0	13.3	19.9





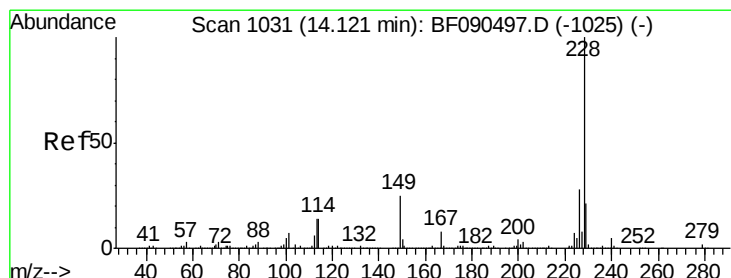
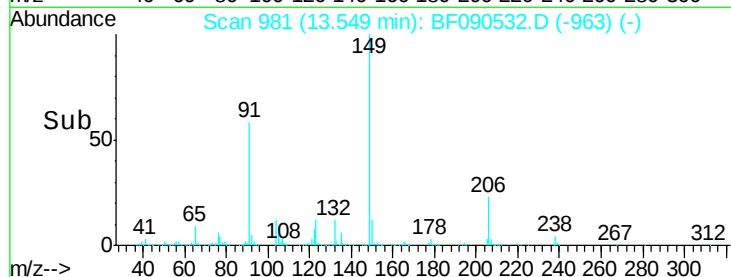
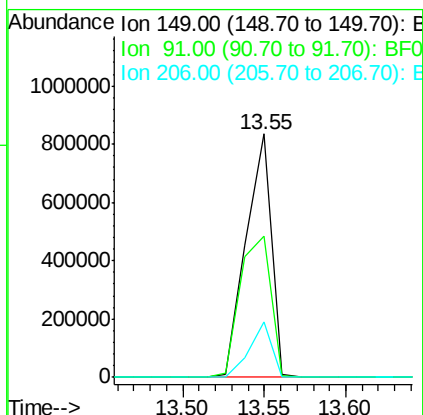
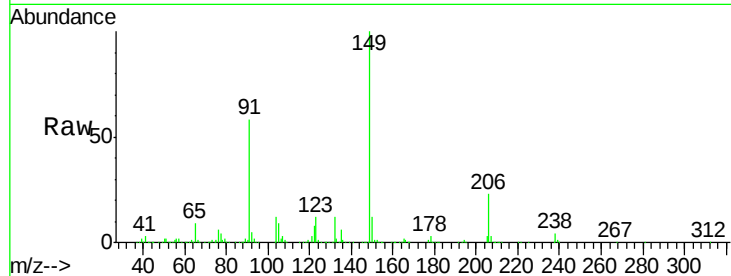
#79
Butylbenzylphthalate
Concen: 38.03 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleID :
PB93973BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		900633		
91	57.8	51.8	77.8		
206	22.9	18.0	27.0		

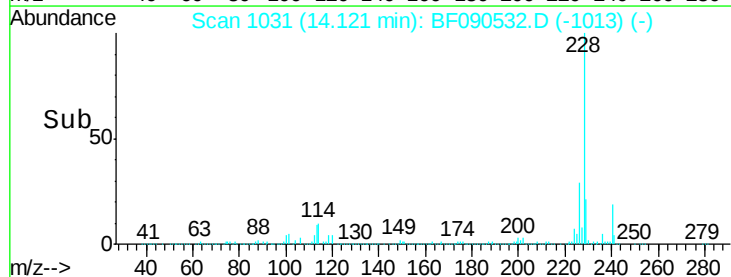
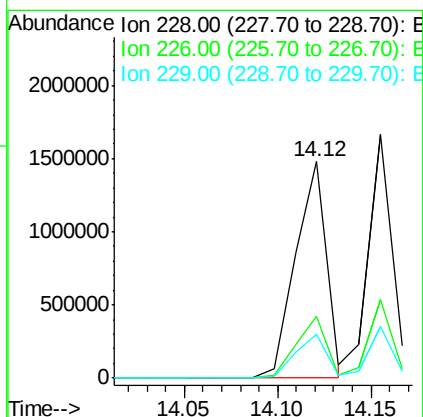
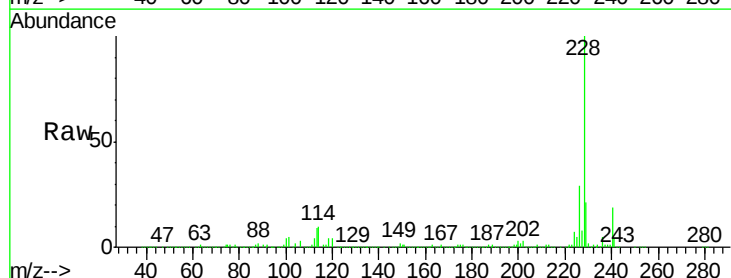
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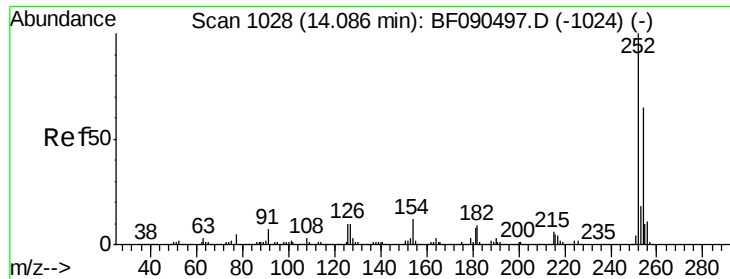
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#80
Benzo(a)anthracene
Concen: 35.51 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1710060		
226	28.7	23.6	35.4		
229	20.6	16.6	25.0		





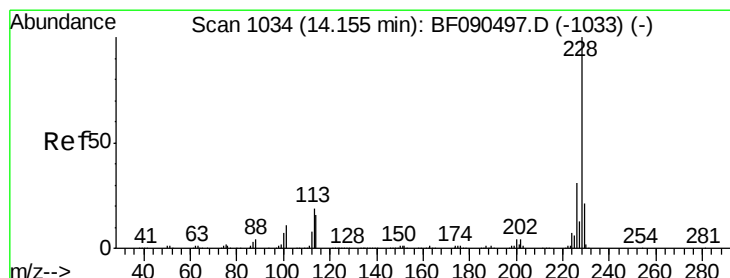
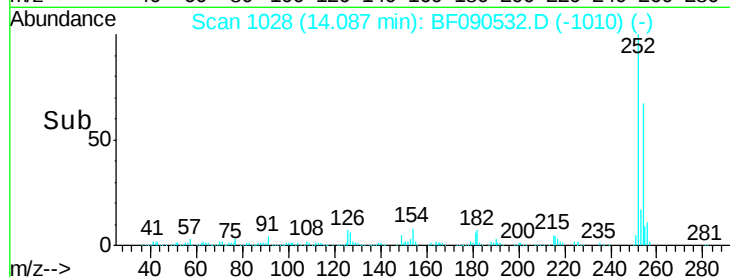
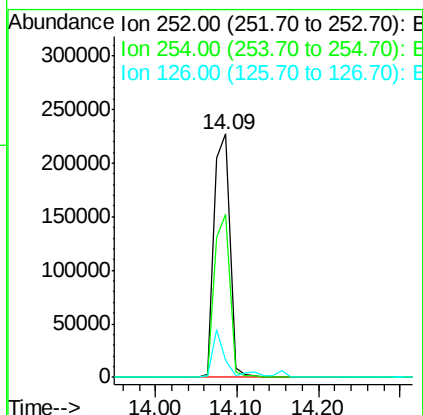
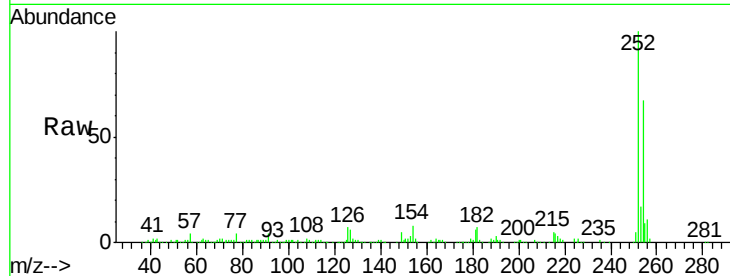
#81
 3,3'-Dichlorobenzidine
 Concen: 17.91 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.1	78.1
126	6.8	4.2	6.4

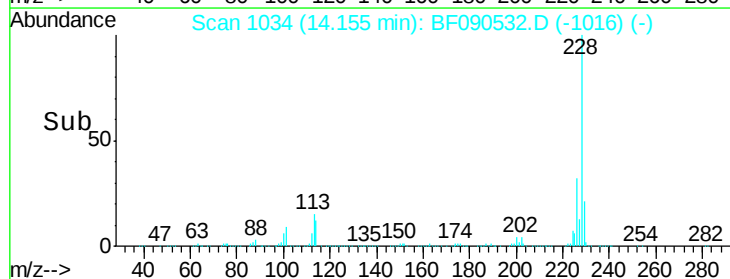
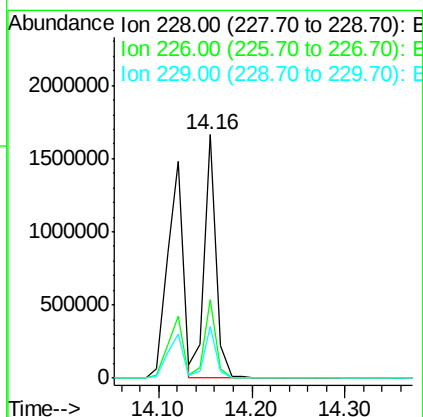
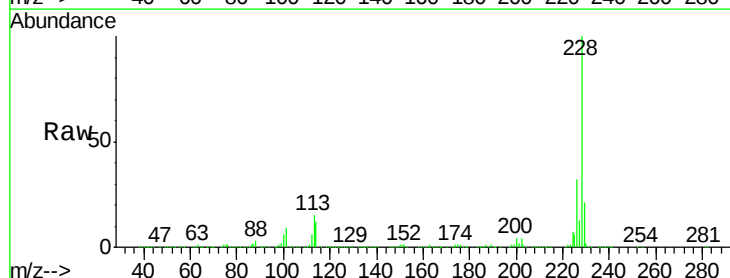
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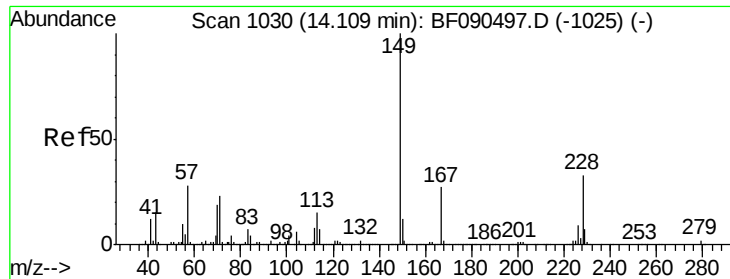
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#82
 Chrysene
 Concen: 32.87 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.0	16.9	25.3





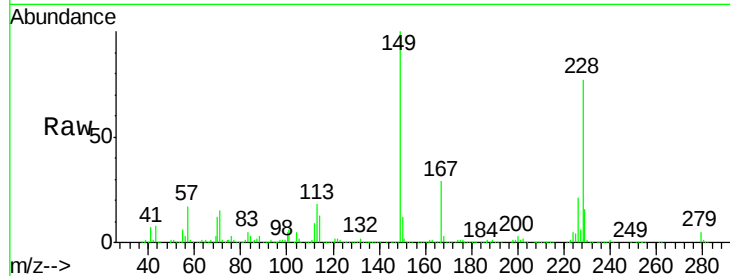
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.97 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.5	32.3
279	4.7	2.6	3.8

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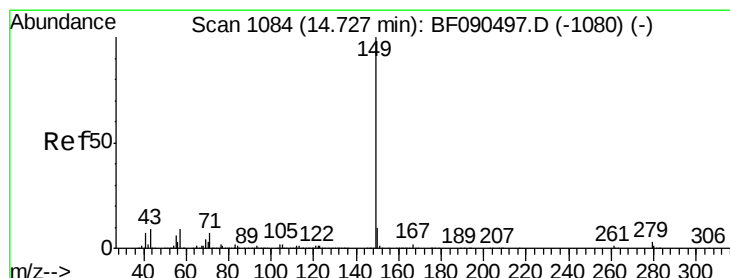
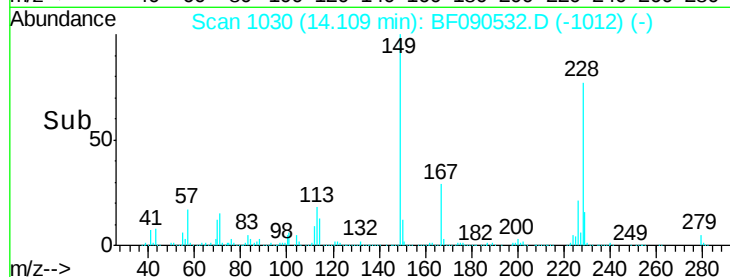
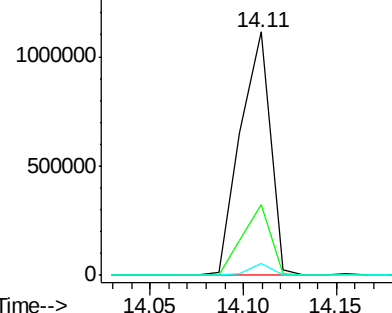


Abundance

Ion 149.00 (148.70 to 149.70): E

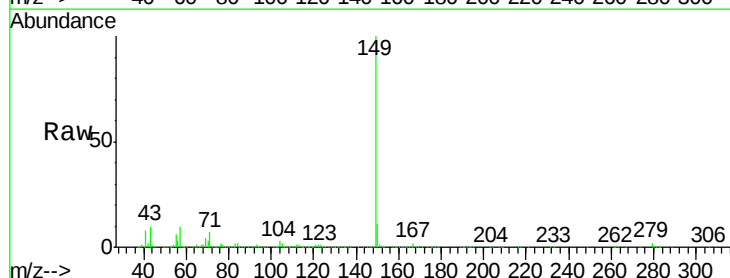
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 35.77 ng
 RT: 14.72 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	11.8	17.8

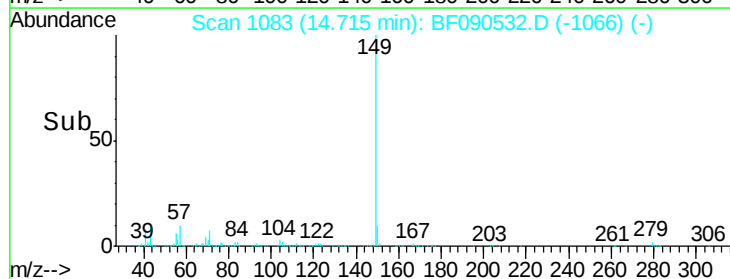
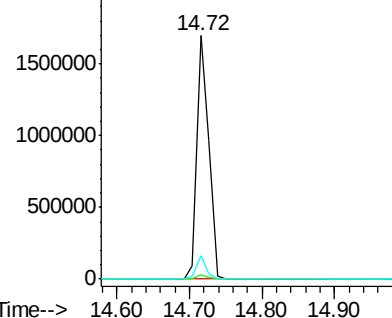


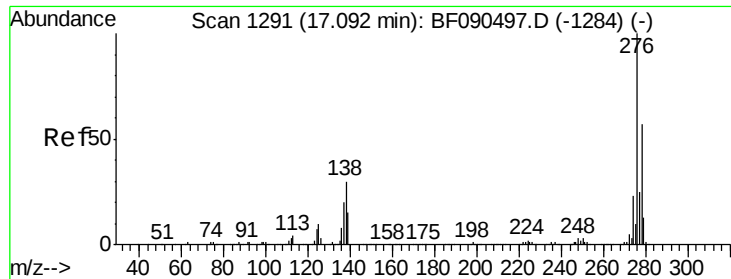
Abundance

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





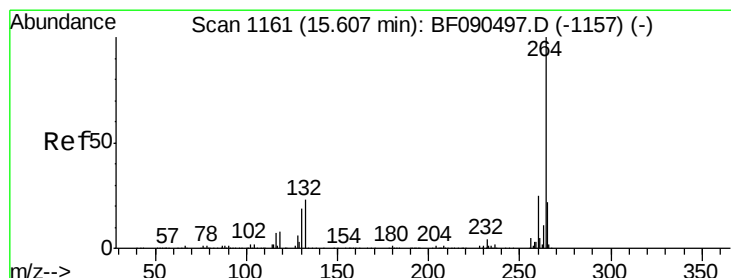
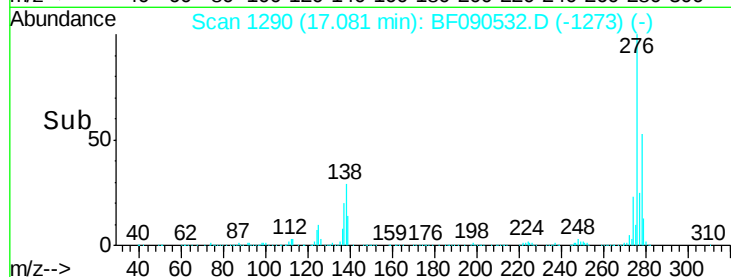
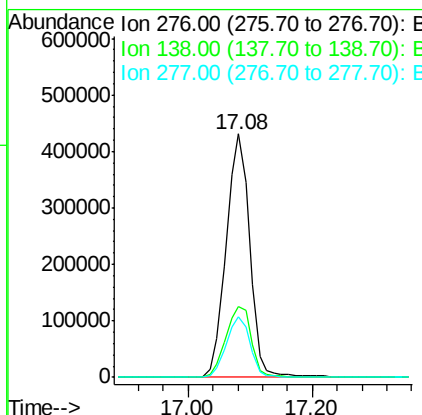
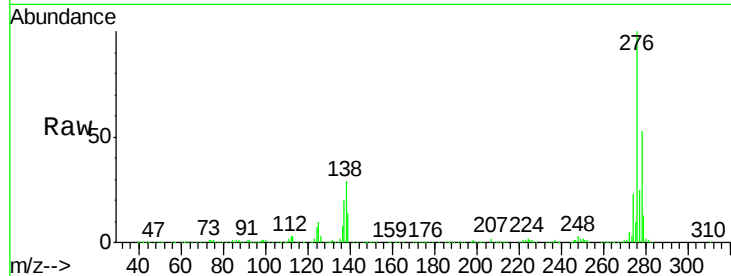
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.51 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	23.8	35.8
277	25.3	20.4	30.6

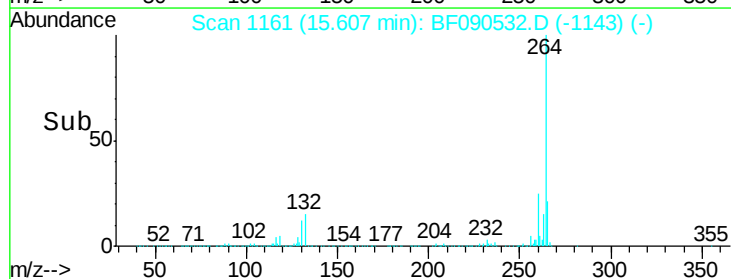
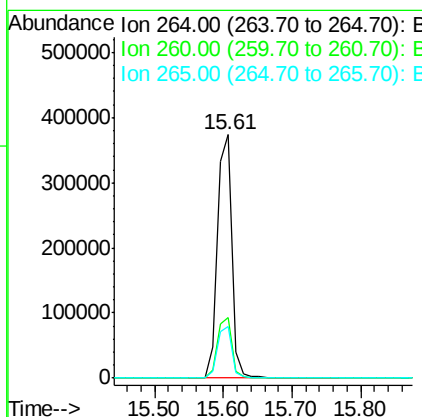
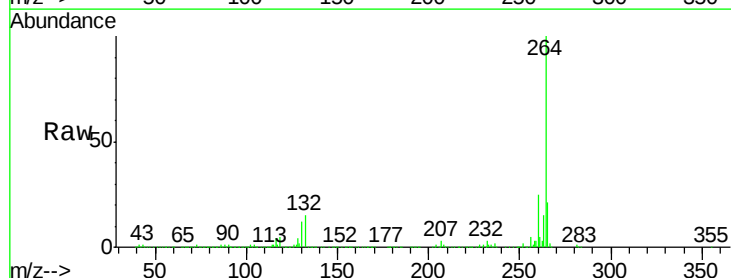
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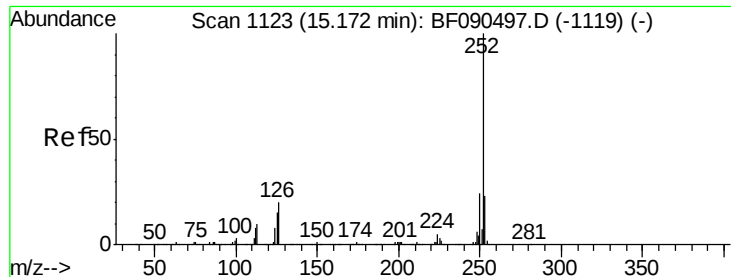
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.5	17.4	26.0





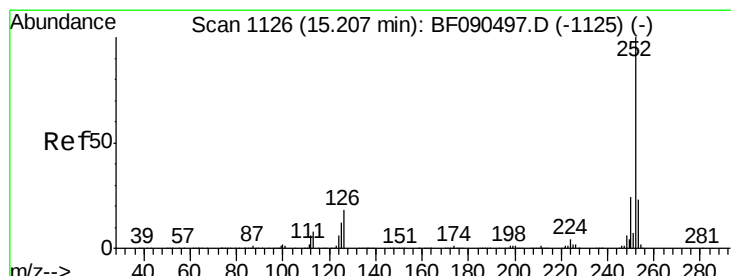
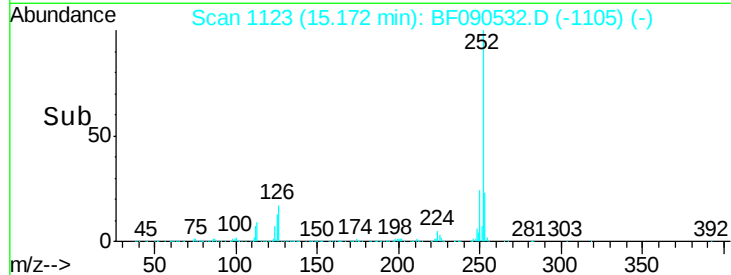
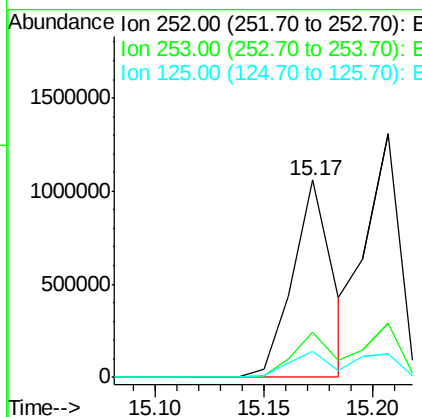
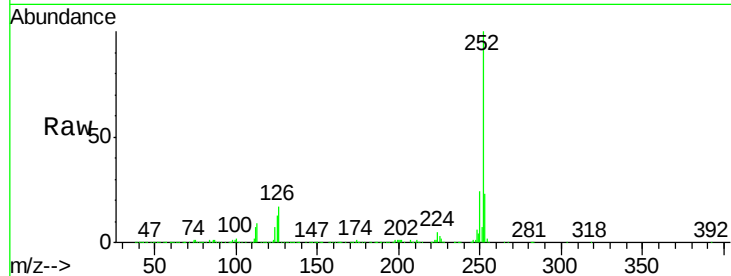
#87
Benzo(b)fluoranthene
Concen: 36.48 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.1	7.0	10.4

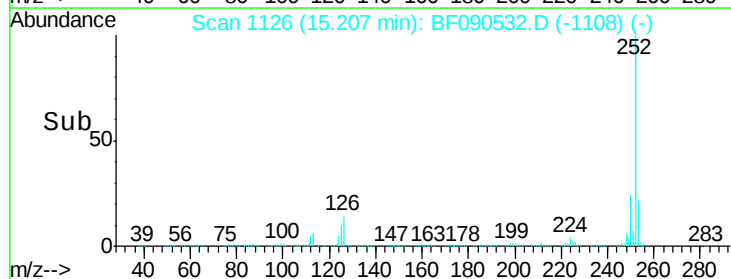
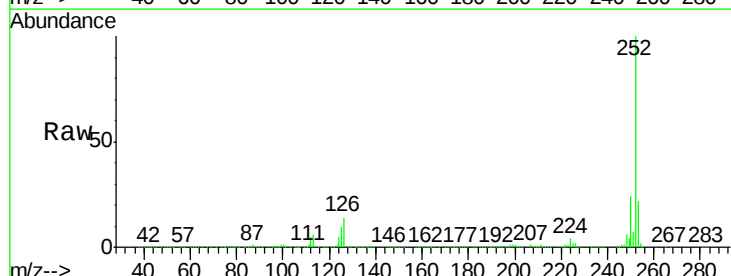
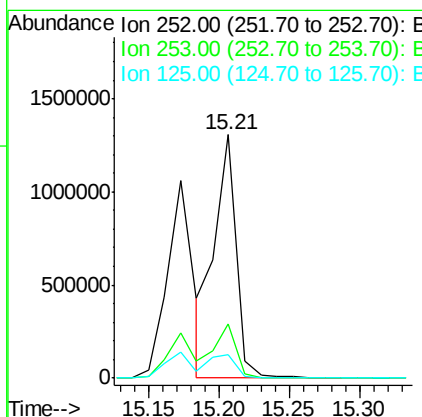
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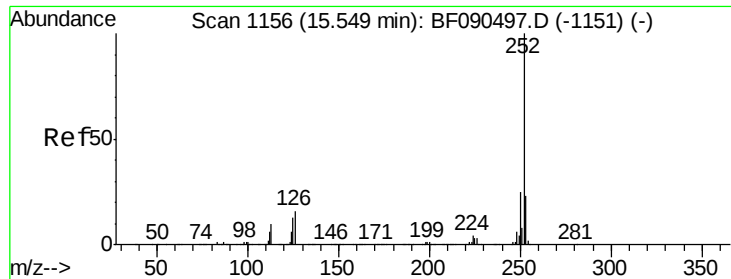
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#88
Benzo(k)fluoranthene
Concen: 43.45 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	9.7	11.7	17.5





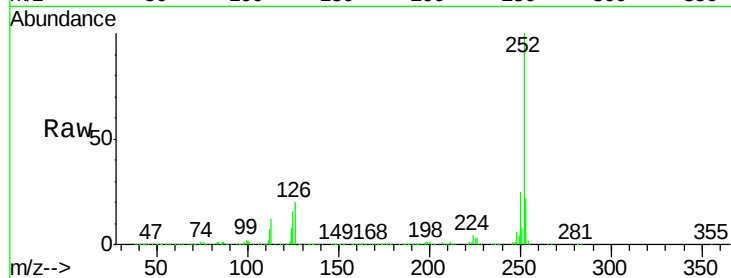
#89
Benzo(a)pyrene
Concen: 38.34 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

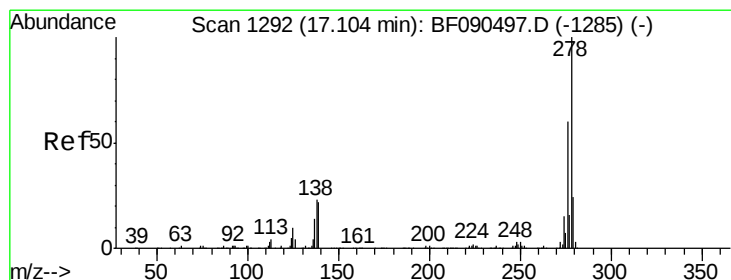
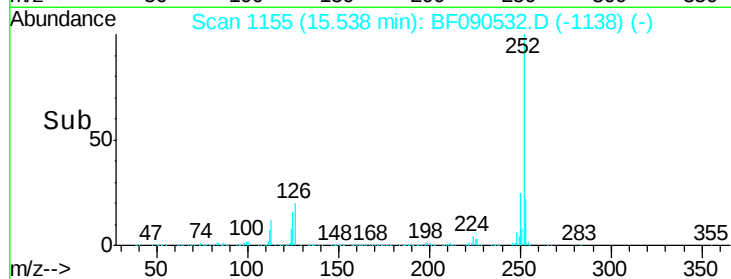
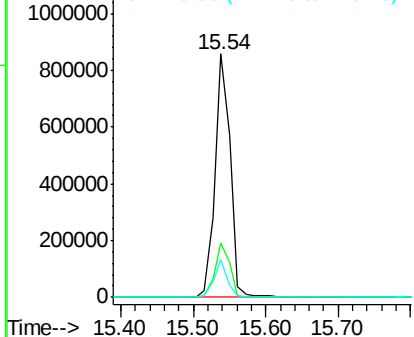
Tot Ion:252 Resp: 1241668
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 15.5 9.8 14.8#

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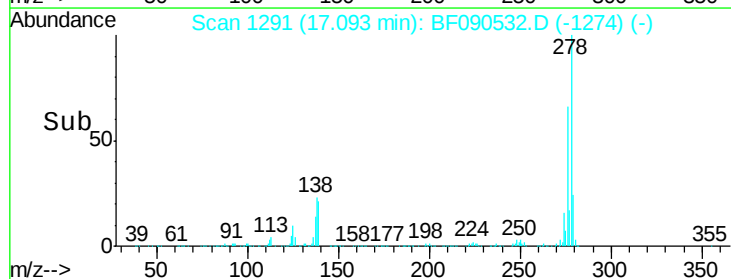
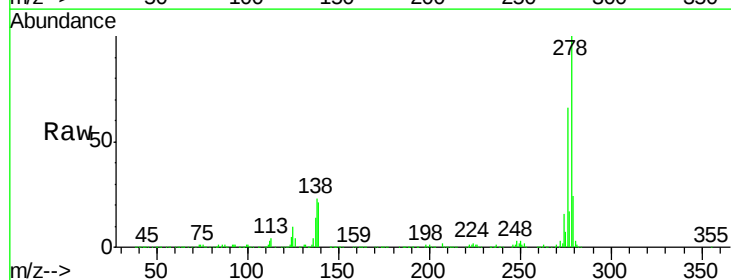
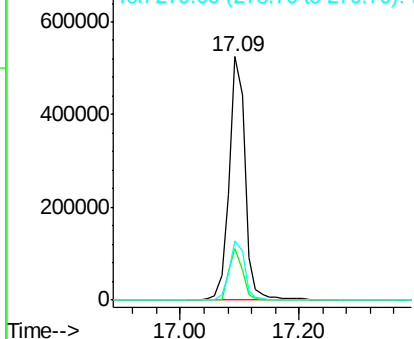
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

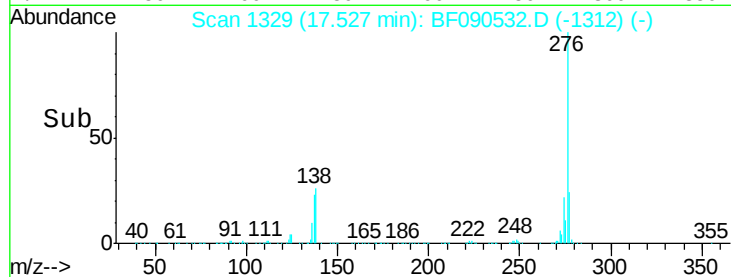
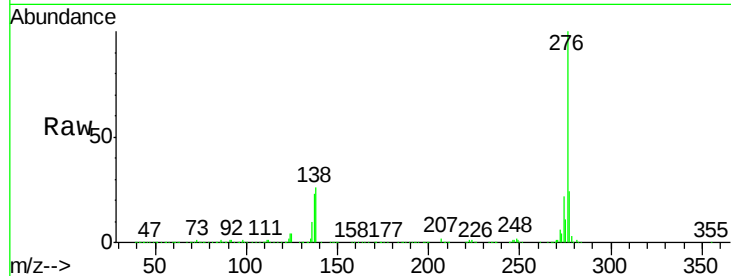
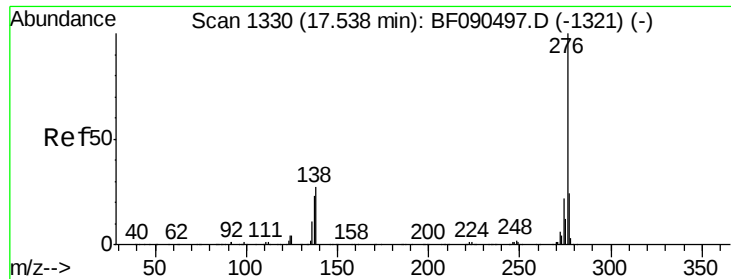


#90
Dibenzo(a,h)anthracene
Concen: 35.44 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:278 Resp: 975092
Ion Ratio Lower Upper
278 100
139 21.0 12.8 19.2#
279 24.2 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





#91

Benzo(a,h,i)perylene

Concen: 35.57 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:	276	Resp:	905054
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.4	29.0
138	26.5	20.8	31.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:29 PM

