

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090545.D
 Acq On : 12 Oct 2016 19:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Quant Time: Oct 13 01:17:44 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	193588	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	819736	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	438502	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	714578	20.00	ng	0.00
75) Chrysene-d12	14.13	240	533160	20.00	ng	0.00
86) Perylene-d12	15.60	264	381735	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	918406	73.81	ng	0.00
7) Phenol-d6	6.59	99	1165475	74.22	ng	0.00
23) Nitrobenzene-d5	7.51	82	972879	64.37	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	324844	74.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2113797	81.01	ng	0.00
78) Terphenyl-d14	13.07	244	1925288	88.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	217992	35.71	ng	# 78
3) Pyridine	3.37	79	583410m	34.58	ng	
4) n-Nitrosodimethylamine	3.32	42	141260	25.55	ng	# 25
6) Aniline	6.61	93	716020	35.94	ng	# 76
8) 2-Chlorophenol	6.74	128	537024	40.57	ng	88
9) Benzaldehyde	6.50	77	335761	33.94	ng	95
10) Phenol	6.60	94	666305	37.62	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	503500	37.98	ng	94
12) 1,3-Dichlorobenzene	6.89	146	547538	38.34	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	604683	41.50	ng	98
14) 1,2-Dichlorobenzene	7.13	146	529375	39.98	ng	95
15) Benzyl Alcohol	7.09	79	401667	33.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	510811	26.88	ng	56
17) 2-Methylphenol	7.21	107	403989	37.52	ng	99
18) Hexachloroethane	7.46	117	200391	37.27	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	351457	35.09	ng	# 74
20) 3+4-Methylphenols	7.37	107	501906	36.82	ng	# 81
22) Acetophenone	7.37	105	687885	38.12	ng	# 90
24) Nitrobenzene	7.54	77	549616	33.91	ng	# 86
25) Isophorone	7.78	82	903146	32.83	ng	# 93
26) 2-Nitrophenol	7.86	139	279641	37.81	ng	92
27) 2,4-Dimethylphenol	7.89	122	473181	37.64	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	566118	33.33	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	439999	41.85	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	492987	40.82	ng	98
31) Naphthalene	8.26	128	1598865	39.15	ng	98
32) Benzoic acid	8.02	122	281765	28.40	ng	95
33) 4-Chloroaniline	8.31	127	675105	39.05	ng	# 88
34) Hexachlorobutadiene	8.38	225	268556	39.77	ng	98
35) Caprolactam	8.68	113	120108	35.23	ng	# 66
36) 4-Chloro-3-methylphenol	8.79	107	477701	38.90	ng	97
37) 2-Methylnaphthalene	8.95	142	1032776	37.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	460233	37.49	ng	99
40) Hexachlorocyclopentadiene	9.10	237	207118	33.99	ng	99

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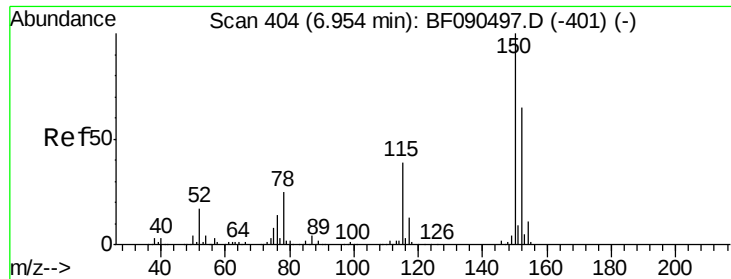
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Quant Time: Oct 13 01:17:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	296047	35.77	nq	98
43) 2,4,5-Trichlorophenol	9.27	196	341307	41.67	nq #	92
45) 1,1'-Biphenyl	9.41	154	1244841	37.17	nq	96
46) 2-Chloronaphthalene	9.45	162	988424	39.67	nq	92
47) 2-Nitroaniline	9.54	65	308086	34.66	nq	96
48) Acenaphthylene	9.86	152	1520575	37.82	nq	98
49) Dimethylphthalate	9.72	163	1146904	38.89	nq	98
50) 2,6-Dinitrotoluene	9.78	165	253314	38.90	nq #	84
51) Acenaphthene	10.03	154	996767	36.99	nq	99
52) 3-Nitroaniline	9.95	138	287949	35.64	nq	96
53) 2,4-Dinitrophenol	10.05	184	91561	25.34	nq #	59
54) Dibenzofuran	10.20	168	1323735	36.92	nq	96
55) 4-Nitrophenol	10.12	139	196663	31.32	nq #	84
56) 2,4-Dinitrotoluene	10.18	165	320400	37.20	nq #	42
57) Fluorene	10.54	166	1078440	36.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	256423	37.53	nq	95
59) Diethylphthalate	10.42	149	1132357	37.75	nq	95
60) 4-Chlorophenyl-phenylether	10.53	204	503734	37.30	nq	93
61) 4-Nitroaniline	10.57	138	296186	35.93	nq	94
62) Azobenzene	10.69	77	1120438	34.21	nq	89
64) 4,6-Dinitro-2-methylphenol	10.59	198	157466	32.99	nq #	70
65) n-Nitrosodiphenylamine	10.66	169	943033	40.58	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	302394	38.19	nq #	91
67) Hexachlorobenzene	11.09	284	353222	40.38	nq	95
68) Atrazine	11.18	200	284153	39.51	nq	98
69) Pentachlorophenol	11.29	266	169391	32.55	nq	99
70) Phenanthrene	11.50	178	1476395	37.49	nq	97
71) Anthracene	11.56	178	1570925	39.37	nq	98
72) Carbazole	11.72	167	1442748	38.29	nq	96
73) Di-n-butylphthalate	12.04	149	1634964	36.03	nq	98
74) Fluoranthene	12.69	202	1494936	37.19	nq	99
76) Benzidine	12.82	184	535815	31.98	nq	98
77) Pyrene	12.93	202	1559746	46.74	nq	97
79) Butylbenzylphthalate	13.55	149	701642	44.91	nq	88
80) Benzo(a)anthracene	14.12	228	1318977	41.51	nq	98
81) 3,3'-Dichlorobenzidine	14.08	252	440747	38.54	nq #	95
82) Chrysene	14.16	228	1277017	43.18	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	964335	42.30	nq #	96
84) Di-n-octyl phthalate	14.72	149	1432685	40.58	nq #	86
85) Indeno(1,2,3-cd)pyrene	17.07	276	936201	38.02	nq	98
87) Benzo(b)fluoranthene	15.17	252	1030360	40.91	nq	99
88) Benzo(k)fluoranthene	15.20	252	934674m	41.66	nq	
89) Benzo(a)pyrene	15.54	252	895424	40.48	nq	98
90) Dibenzo(a,h)anthracene	17.09	278	811845	43.21	nq #	96
91) Benzo(g,h,i)perylene	17.53	276	805426	46.35	nq	97

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



#1

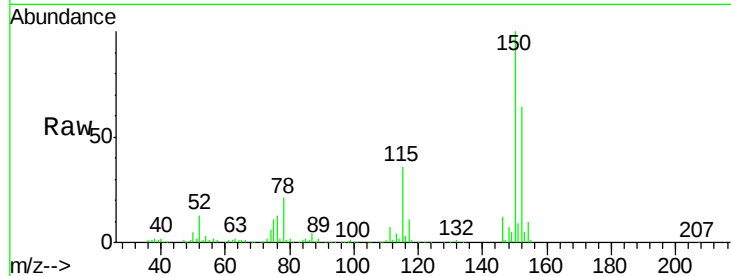
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

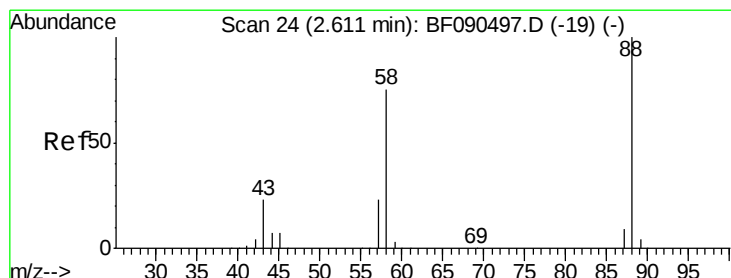
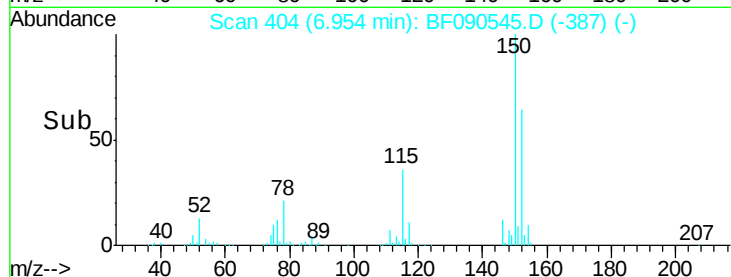
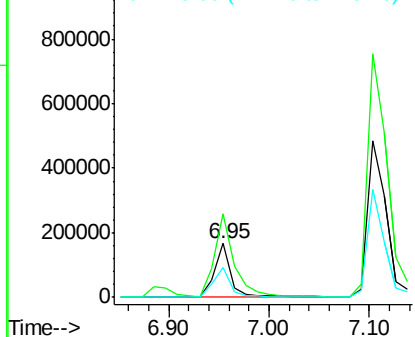
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	56.4	46.2	69.4

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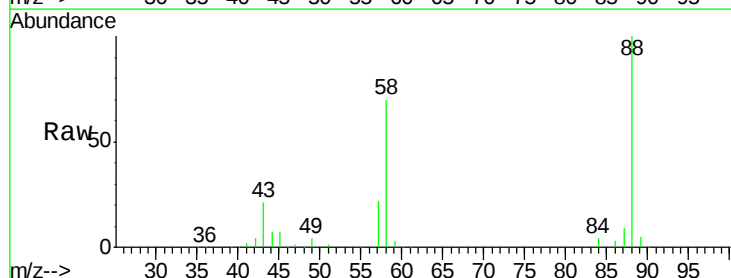
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



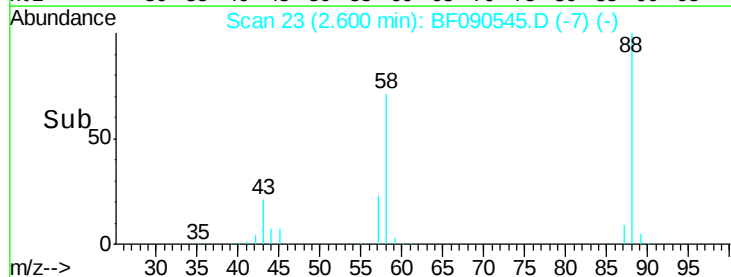
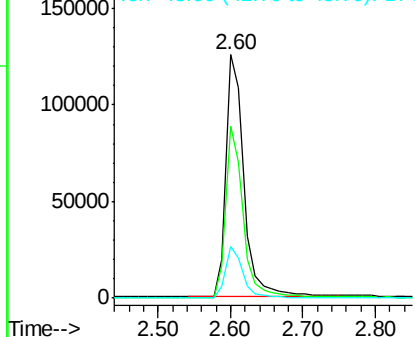
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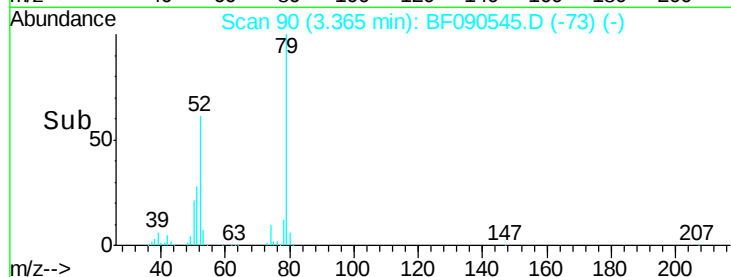
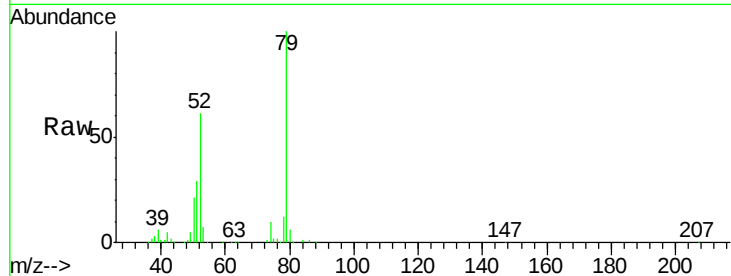
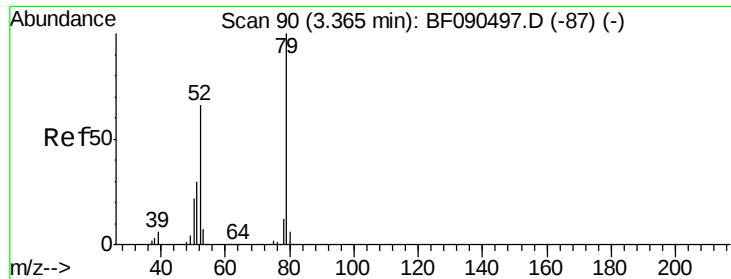
1,4-Dioxane
Concen: 35.71 ng
RT: 2.60 min Scan# 23
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	71.2	106.8#
43	21.6	29.8	44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





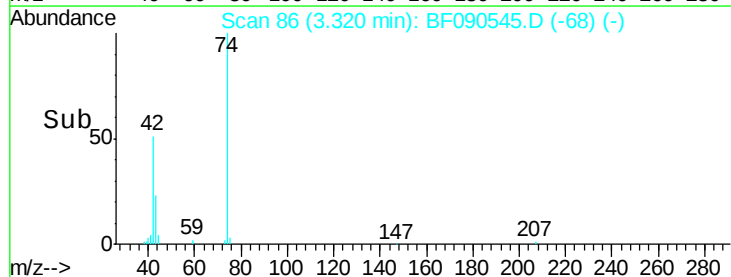
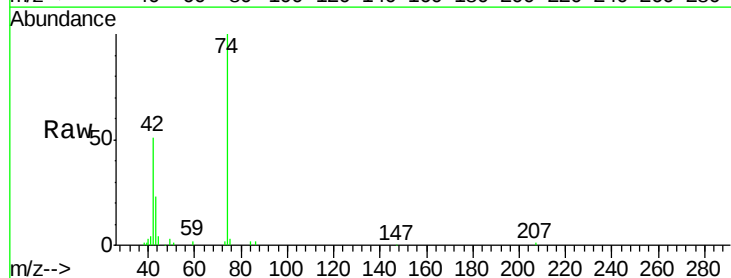
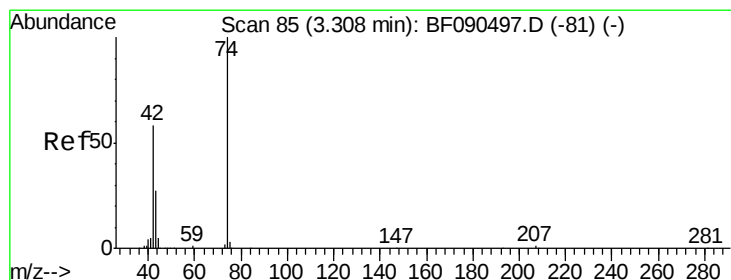
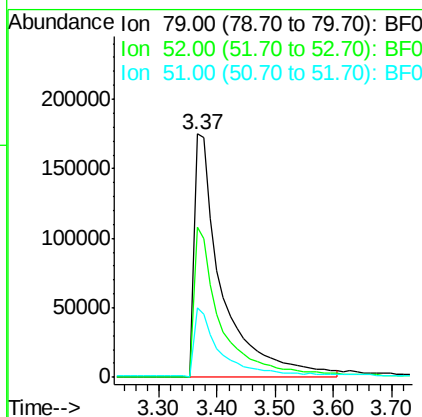
#3
 Pvridine
 Concen: 34.58 ng/ml
 RT: 3.37 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	71.3	106.9#
51	28.5	34.5	51.7#

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 BNA_F
 ClientSampleId :
 SSTDCCC040EC

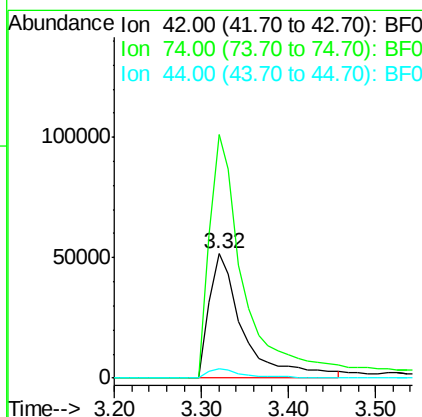
Manual Integrations
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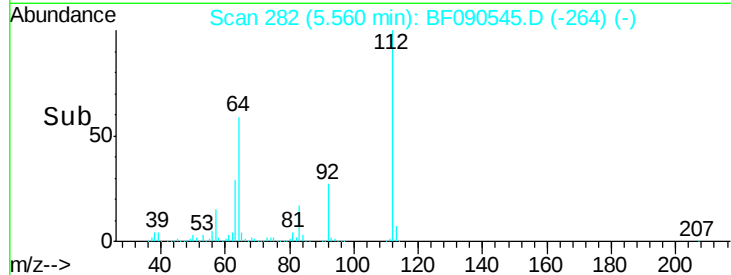
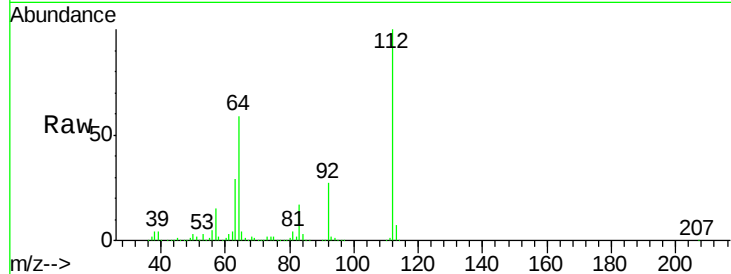
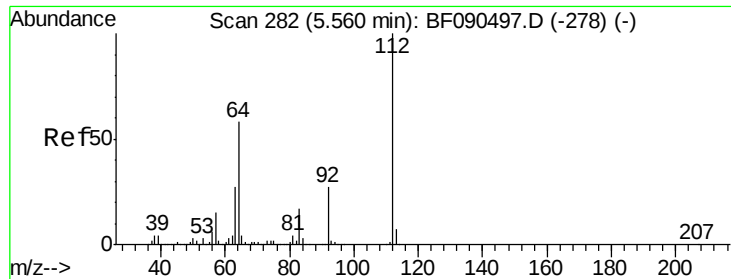
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#4
 n-Nitrosodimethylamine
 Concen: 25.55 ng/ml
 RT: 3.32 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	196.3	88.9	133.3#
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 73.81 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

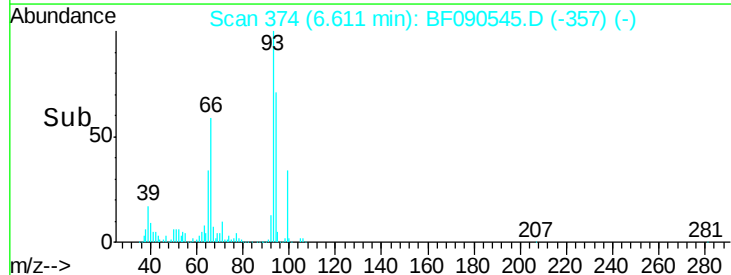
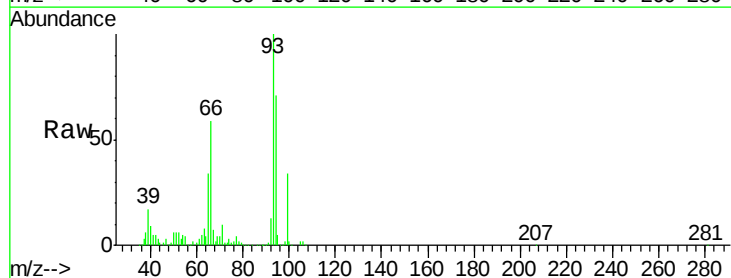
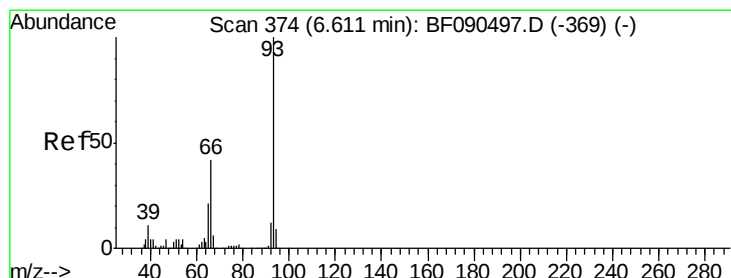
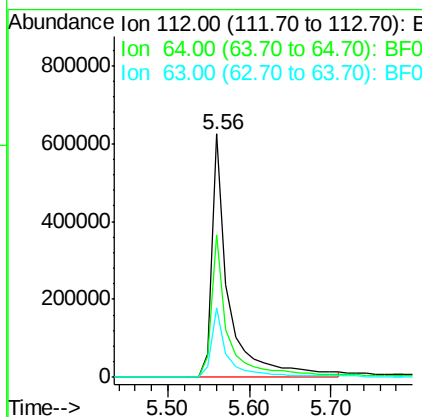
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		918406		
64	58.6		57.9	86.9	
63	28.6		29.6	44.4	

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#6

Aniline

Concen: 35.94 ng

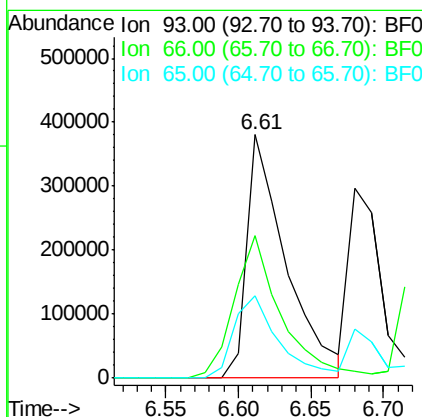
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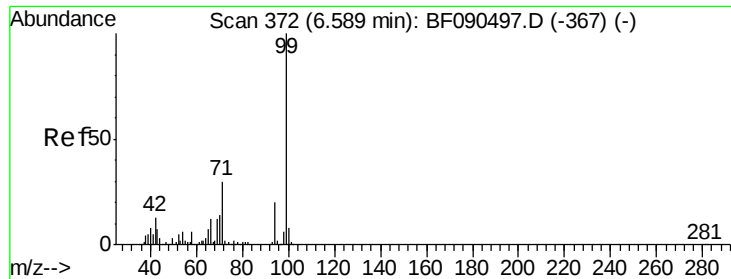
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		716020		
66	58.5		34.5	51.7	
65	33.8		18.2	27.2	





#7

Phenol-d6

Concen: 74.22 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1165475

Ion Ratio Lower Upper

99 100

42 13.2 20.0 30.0#

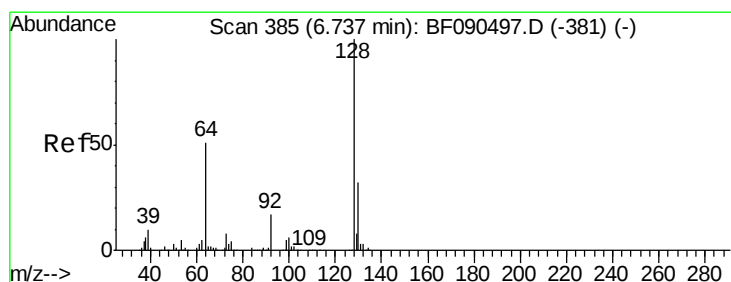
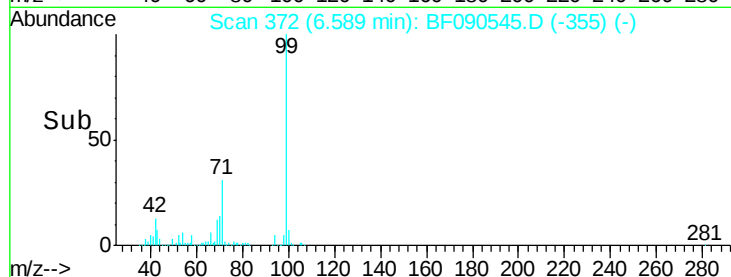
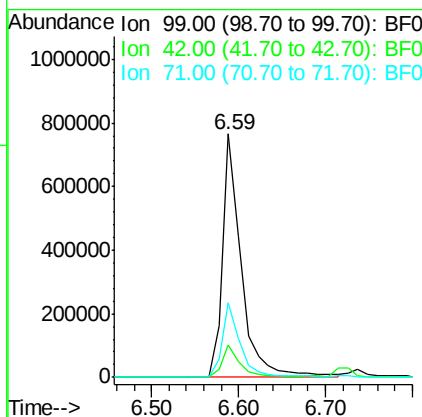
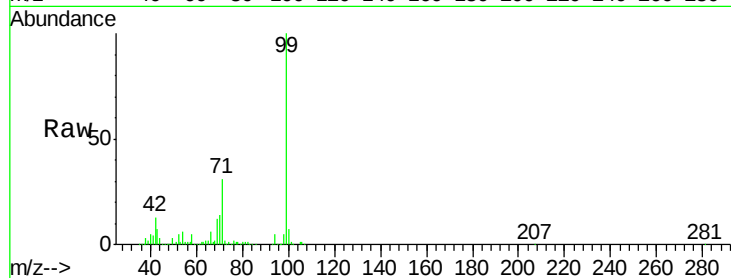
71 30.7 27.9 41.9

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#8

2-Chlorophenol

Concen: 40.57 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

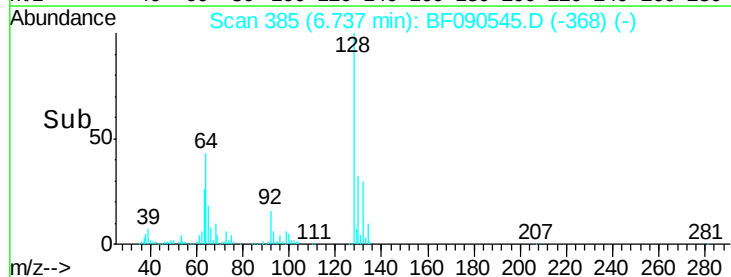
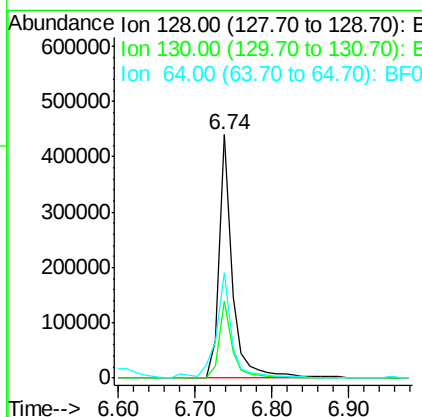
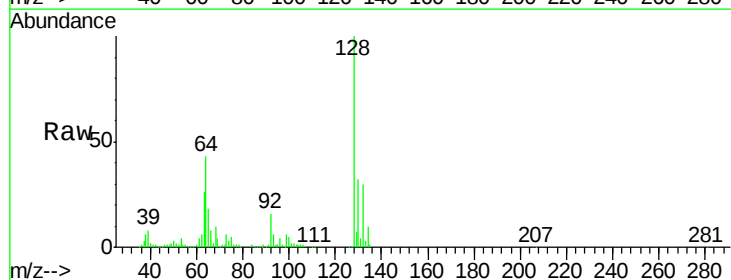
Tgt Ion: 128 Resp: 537024

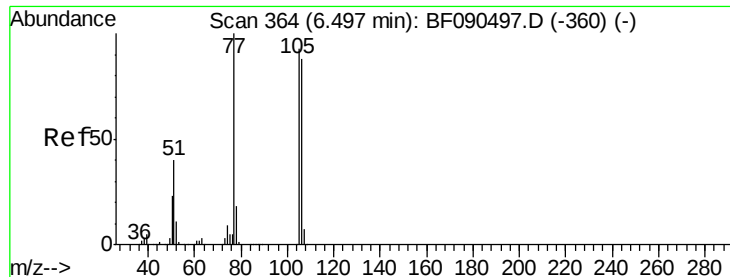
Ion Ratio Lower Upper

128 100

130 31.8 13.3 53.3

64 43.4 36.0 76.0





#9

Benzaldehyde

Concen: 33.94 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

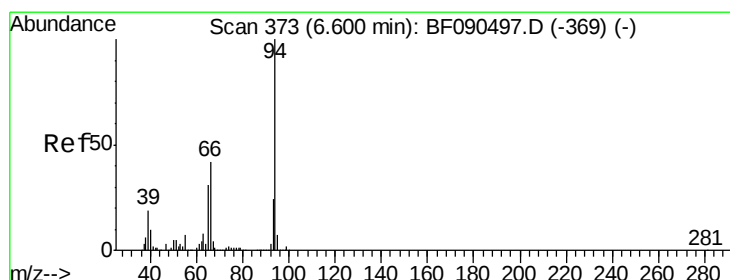
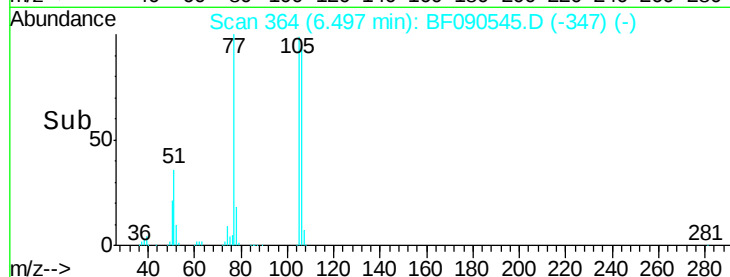
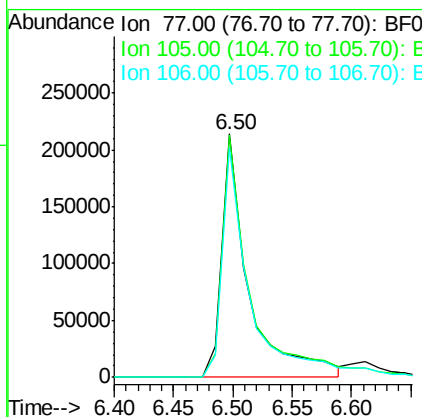
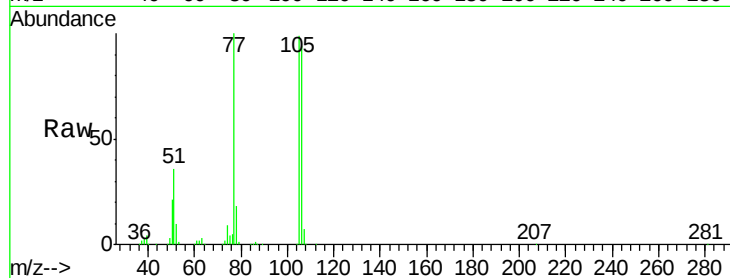
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	335761
Ion Ratio	Lower	Upper	
77	100		
105	99.5	73.1	113.1
106	94.3	70.2	110.2

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#10

Phenol

Concen: 37.62 ng

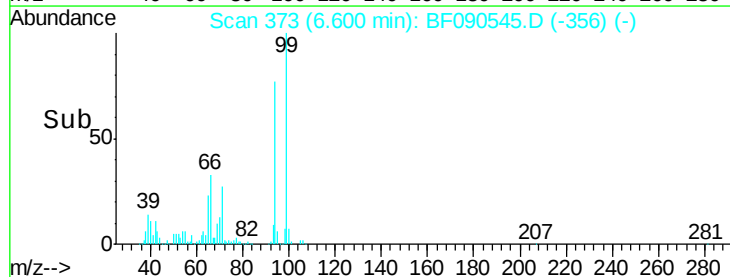
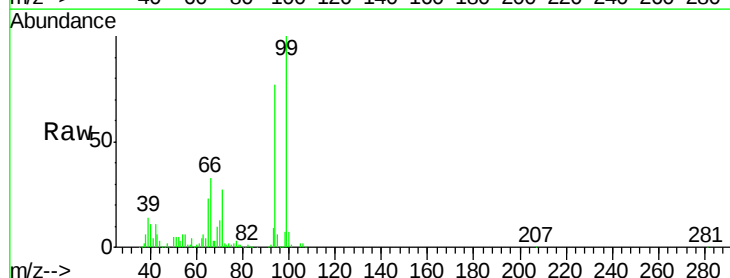
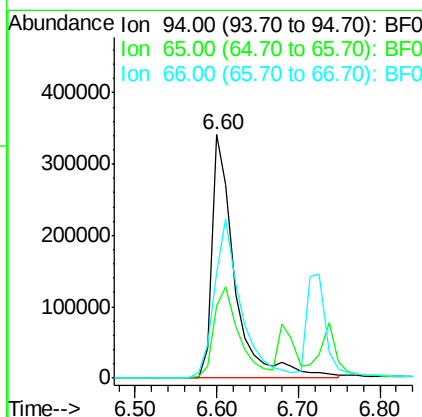
RT: 6.60 min Scan# 373

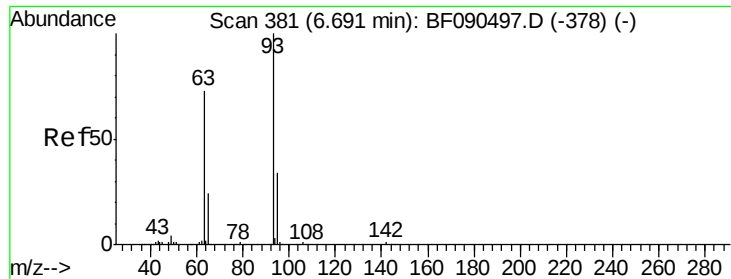
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	94	Resp:	666305
Ion Ratio	Lower	Upper	
94	100		
65	29.7	13.3	53.3
66	43.0	20.4	60.4





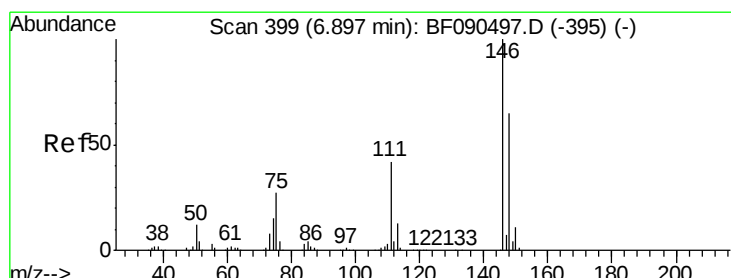
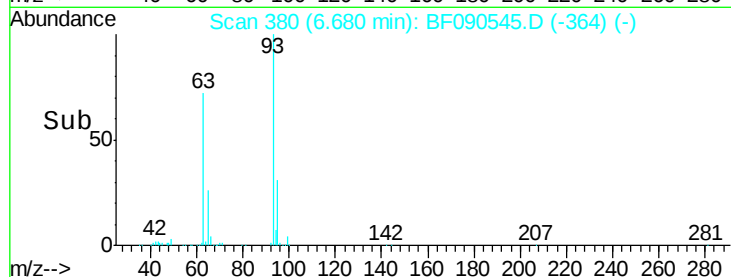
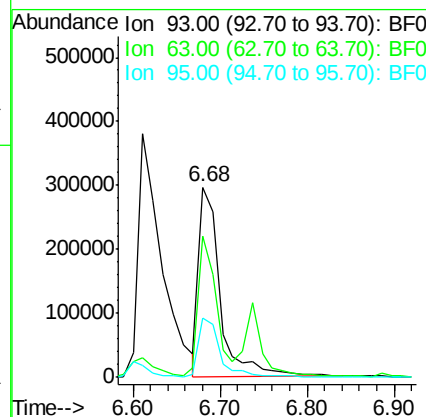
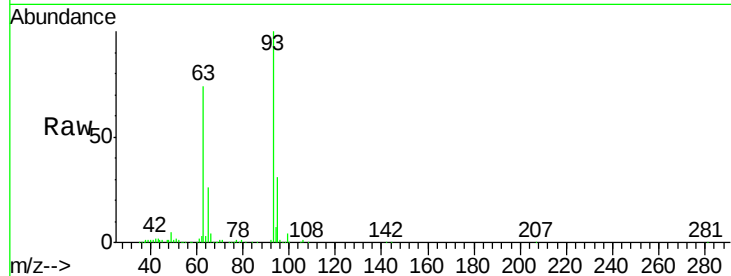
#11
bis(2-Chloroethyl)ether
Concen: 37.98 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	503500
Ion Ratio	Lower	Upper	
93	100		
63	74.2	59.7	99.7
95	31.4	14.0	54.0

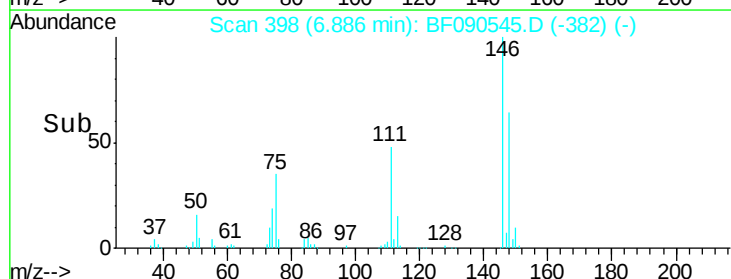
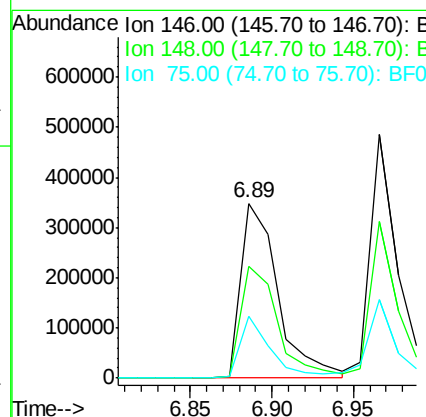
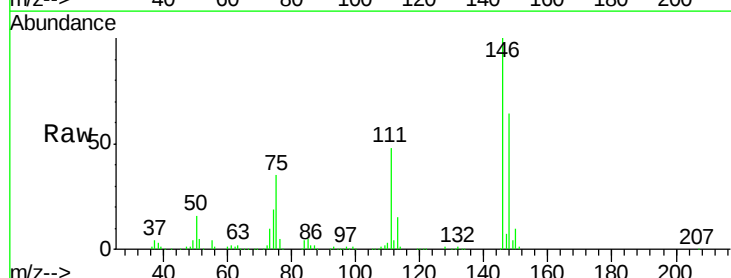
Manual Integrations
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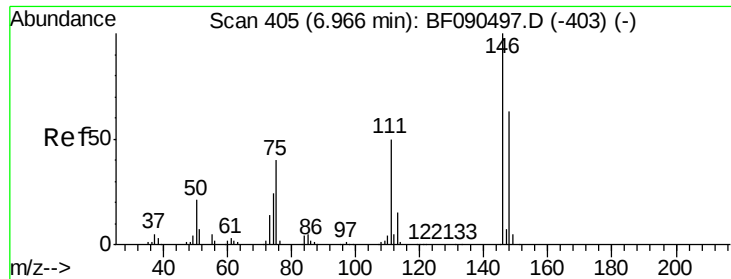
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#12
1,3-Dichlorobenzene
Concen: 38.34 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	146	Resp	547538
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
75	35.3	21.4	32.2#





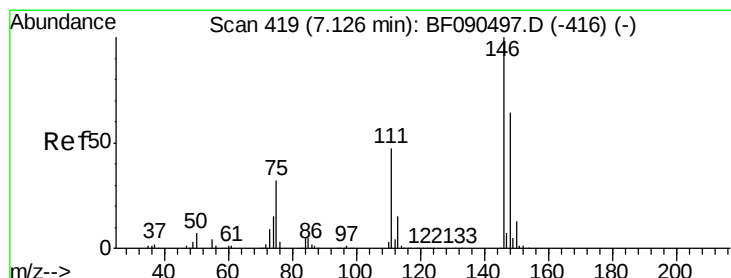
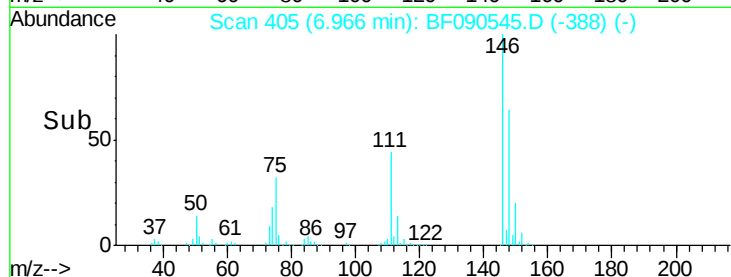
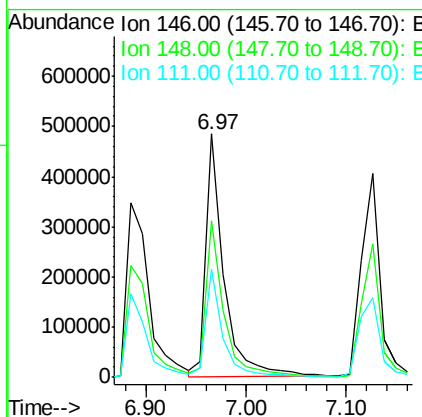
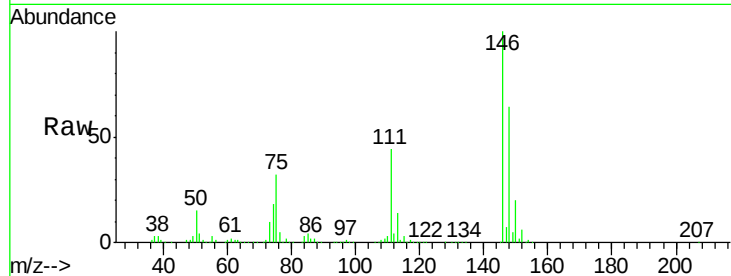
#13
 1,4-Dichlorobenzene
 Concen: 41.50 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	44.3	37.8	56.6

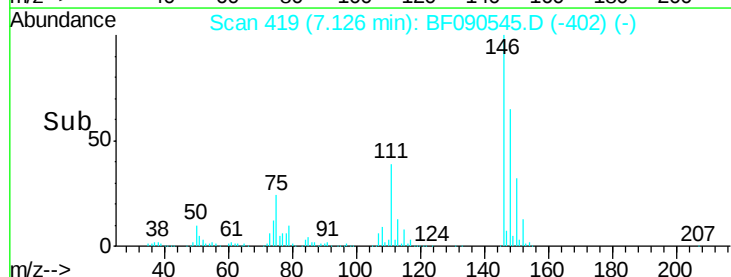
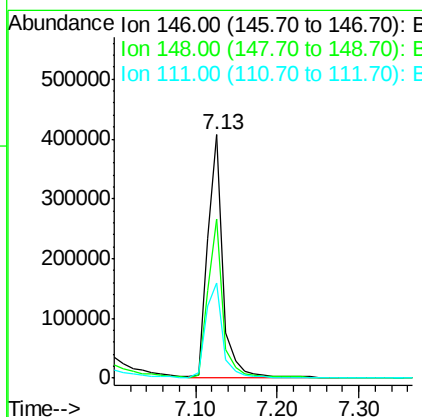
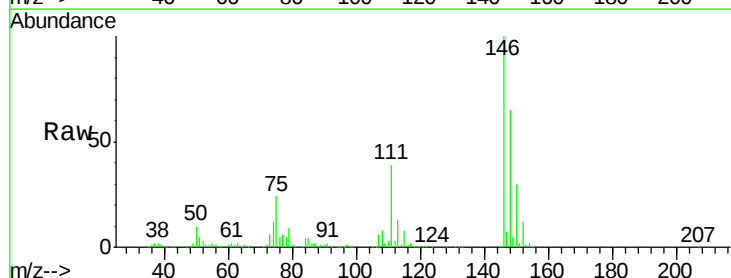
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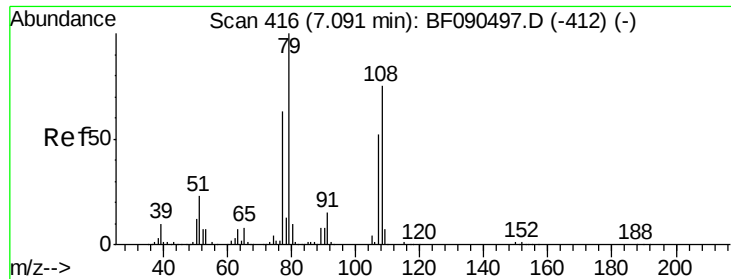
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#14
 1,2-Dichlorobenzene
 Concen: 39.98 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	39.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 33.31 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

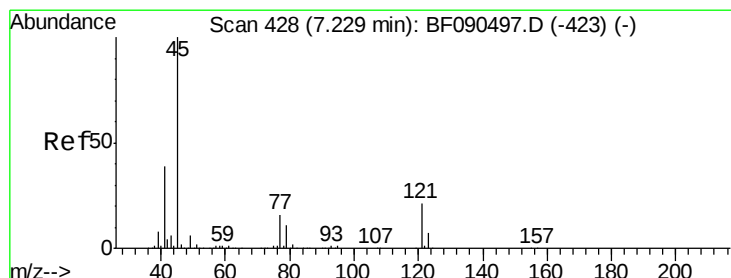
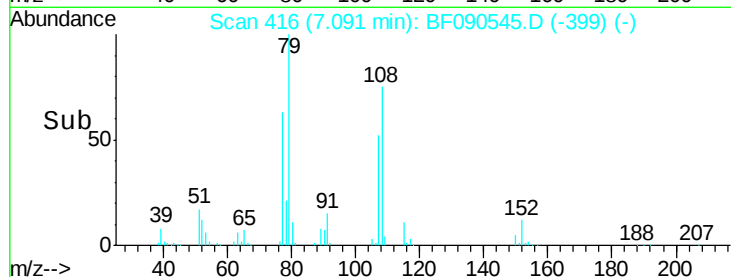
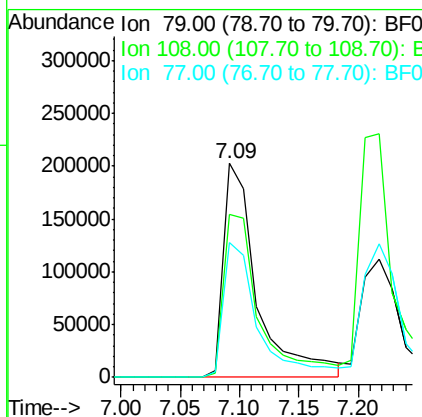
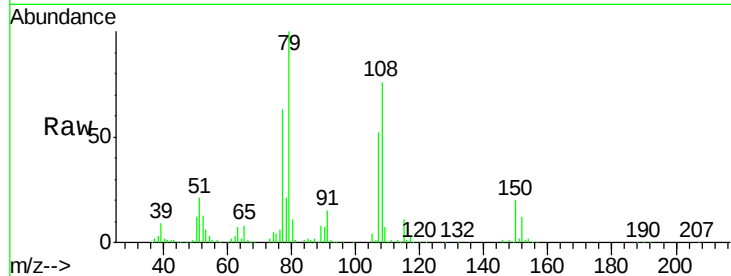
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	401667
Ion Ratio	Lower	Upper	
79	100		
108	76.2	60.9	91.3
77	62.9	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.88 ng

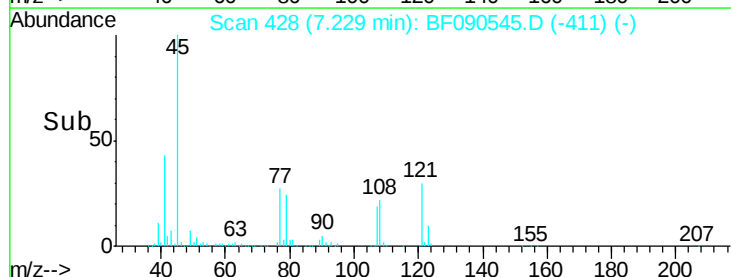
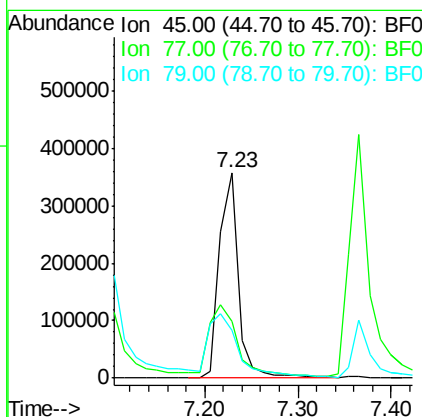
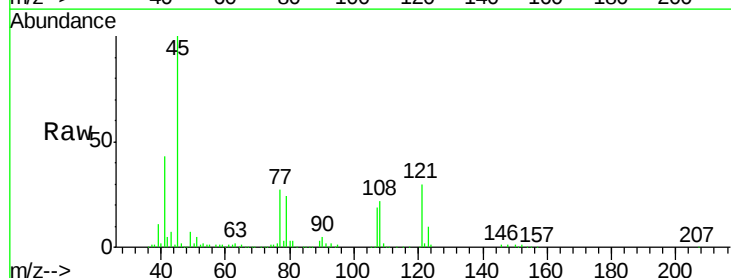
RT: 7.23 min Scan# 428

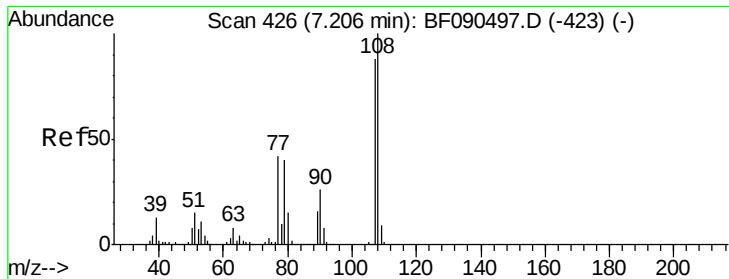
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	45	Resp:	510811
Ion Ratio	Lower	Upper	
45	100		
77	27.4	0.0	30.8
79	23.5	0.0	28.2





#17

2-Methylphenol

Concen: 37.52 ng

RT: 7.21 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

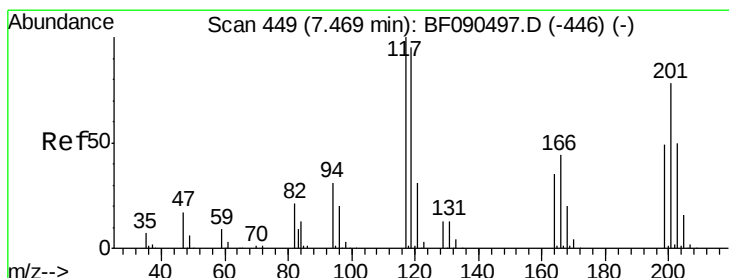
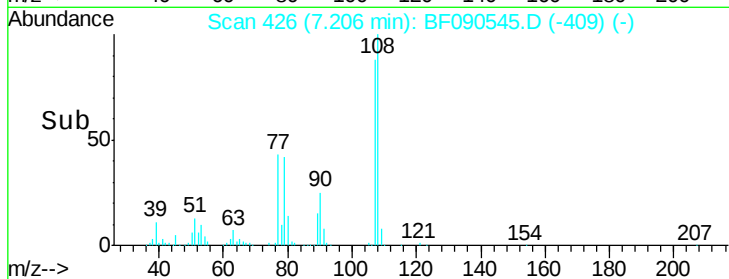
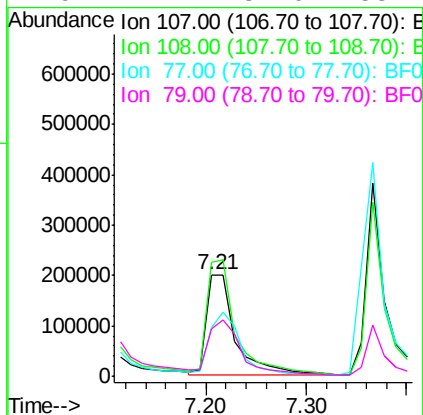
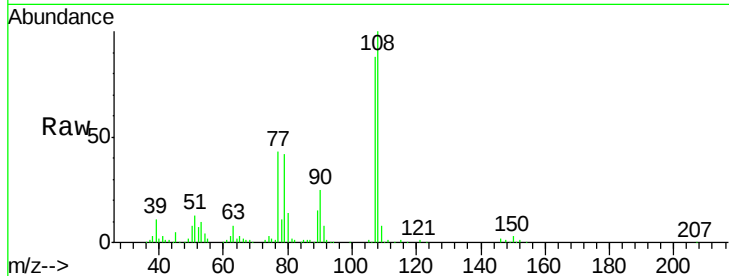
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.1	90.9	136.3		
77	48.5	38.2	57.4		
79	47.4	37.0	55.4		

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#18

Hexachloroethane

Concen: 37.27 ng

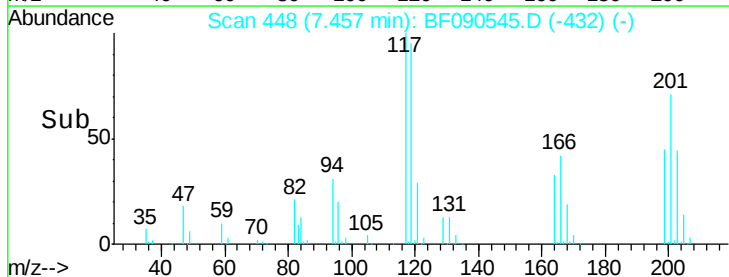
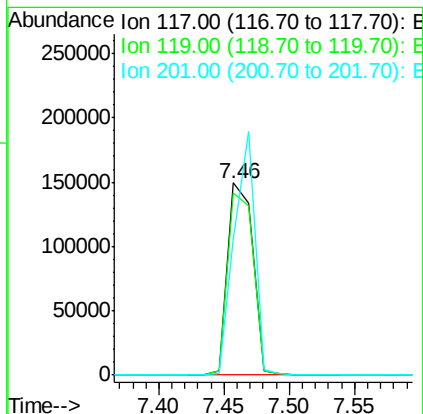
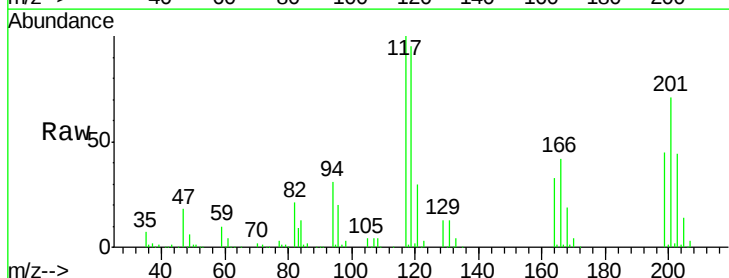
RT: 7.46 min Scan# 448

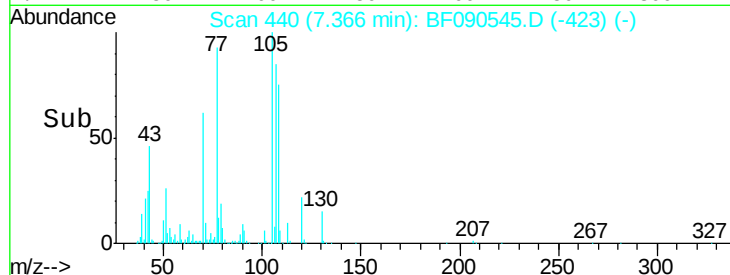
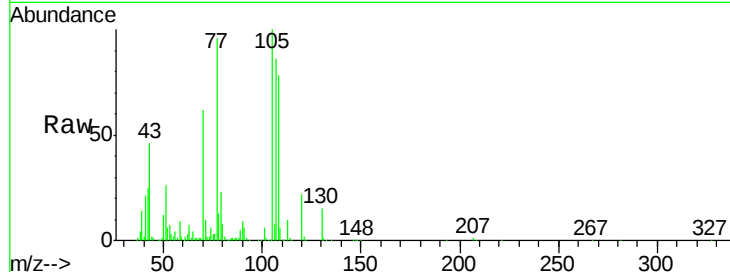
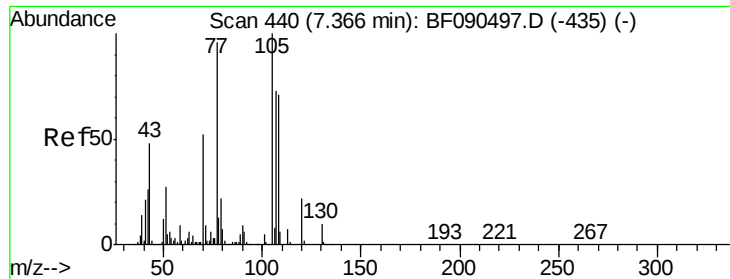
Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.1	75.9	113.9		
201	71.0	66.5	99.7		





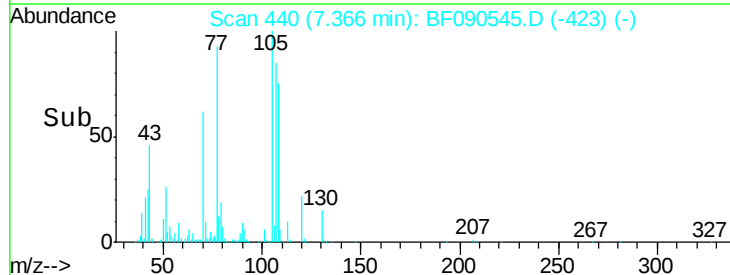
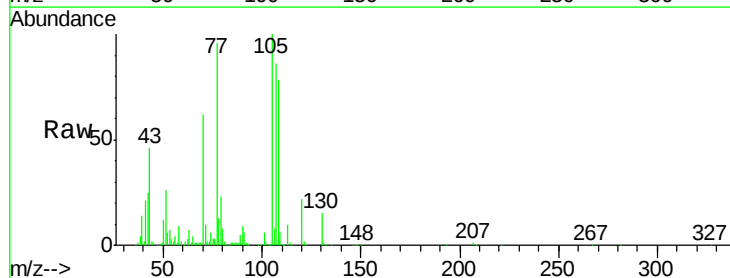
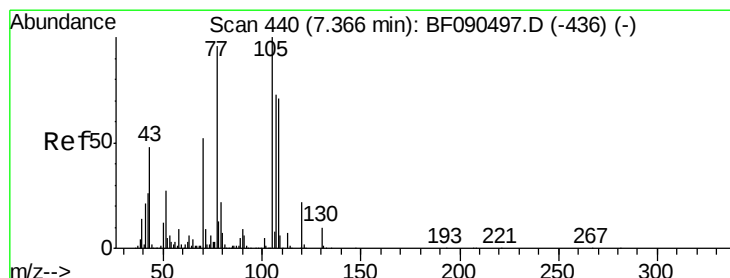
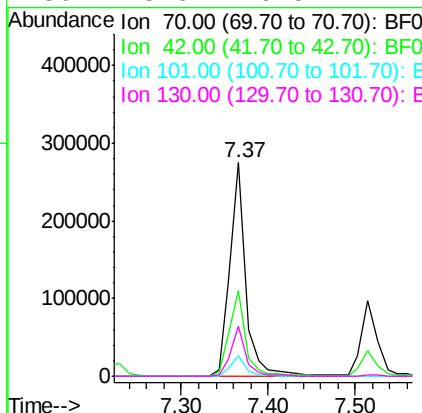
#19
n-Nitroso-di-n-propylamine
Concen: 35.09 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.4	55.4	83.2#
101	9.8	7.6	11.4
130	23.6	16.5	24.7

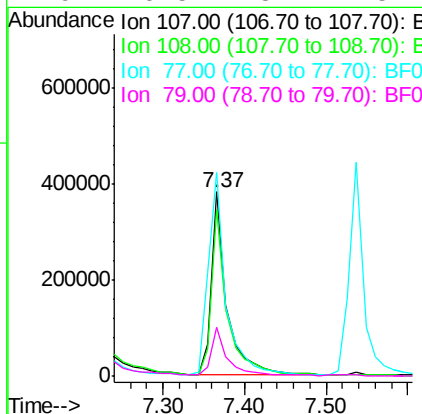
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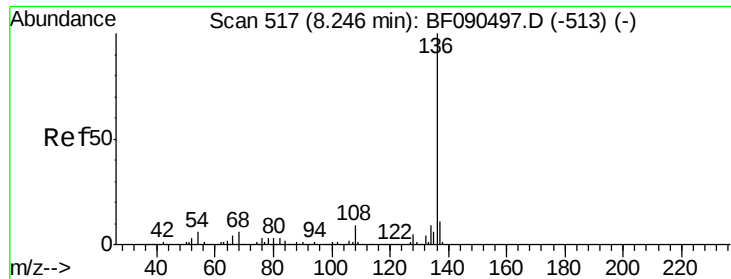
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#20
3+4-Methylphenols
Concen: 36.82 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.7	106.7
77	110.7	53.7	93.7#
79	26.5	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: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

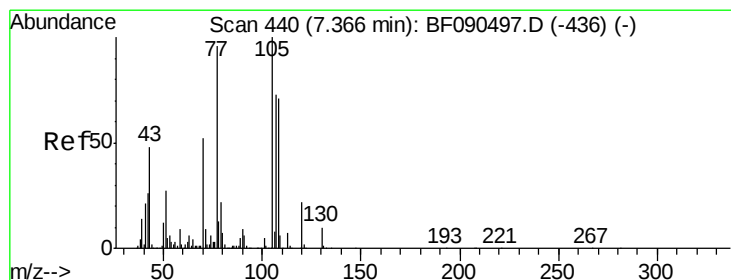
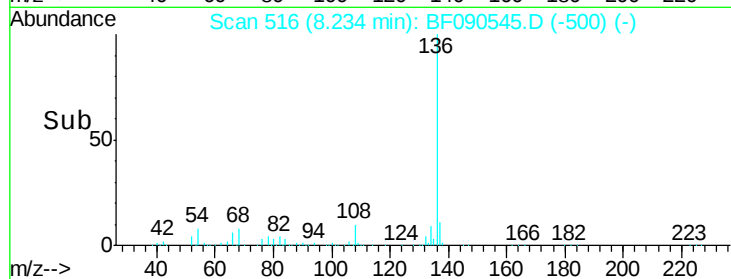
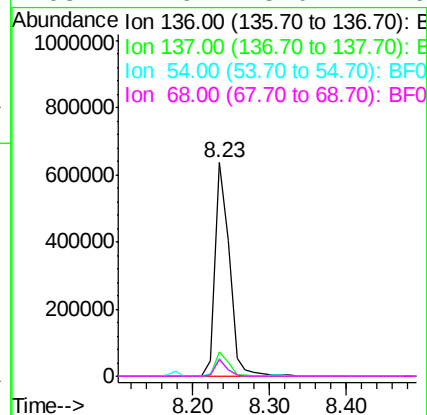
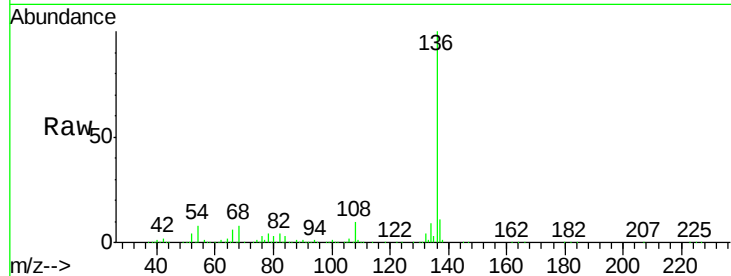
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	819736		
137	11.3		9.0	13.6
54	8.2		6.6	10.0
68	7.6		5.0	7.6#

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#22

Acetophenone

Concen: 38.12 ng

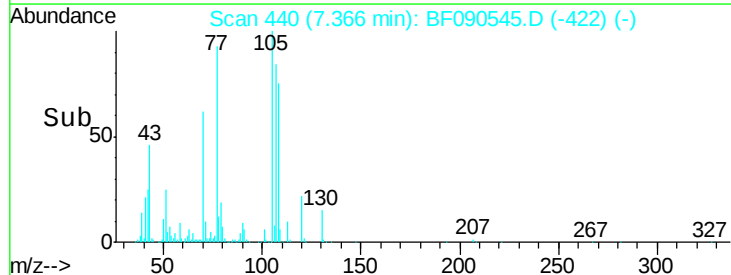
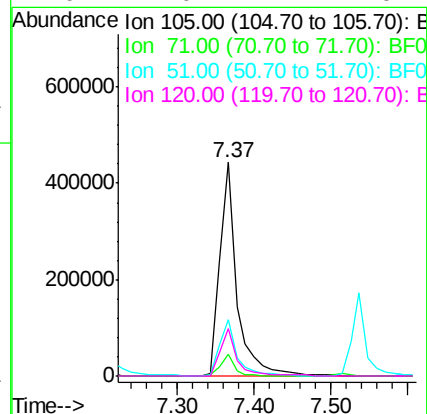
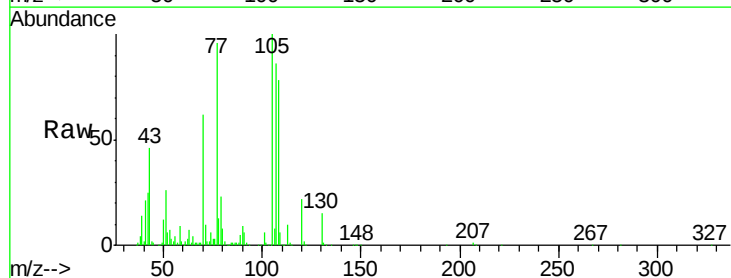
RT: 7.37 min Scan# 440

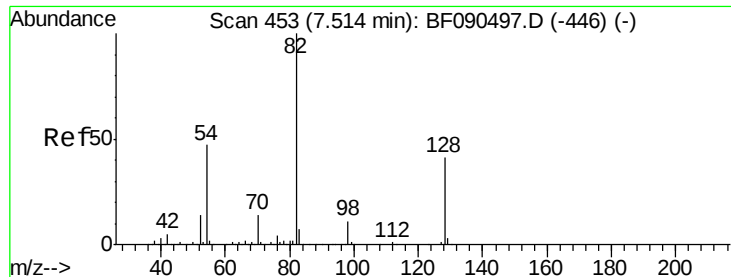
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	687885		
71	10.3		3.8	5.6#
51	26.3		28.2	42.4#
120	22.0		17.4	26.2





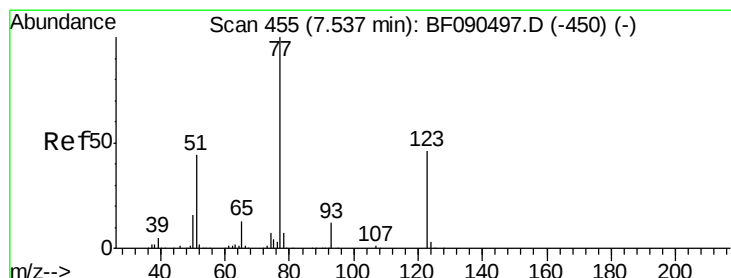
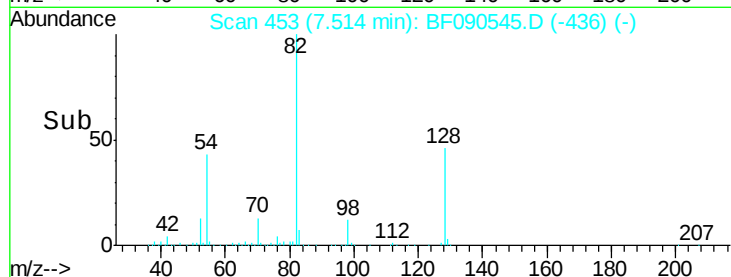
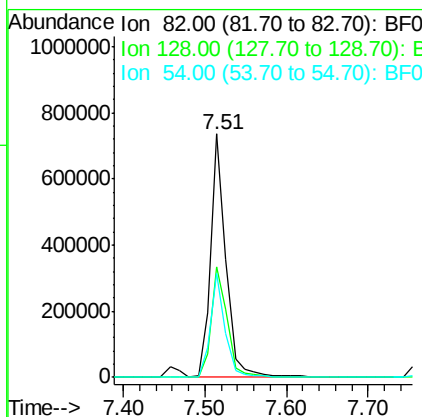
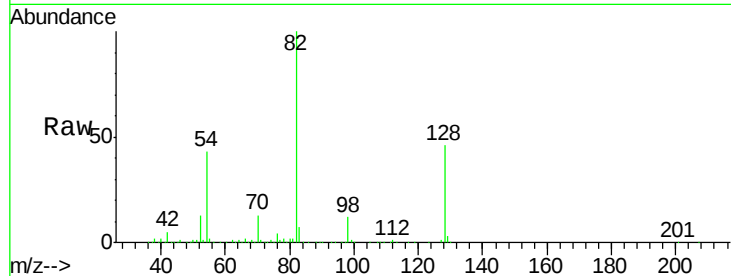
#23
 Nitrobenzene-d5
 Concen: 64.37 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	40.0	60.0
54	42.6	42.6	64.0

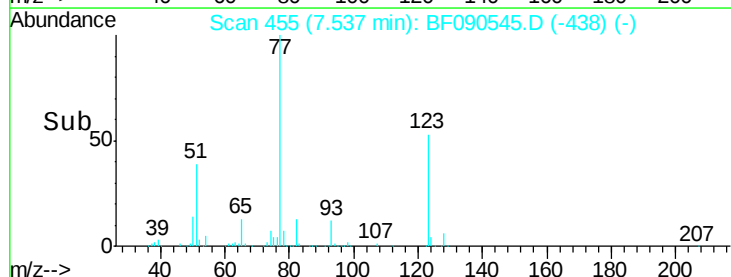
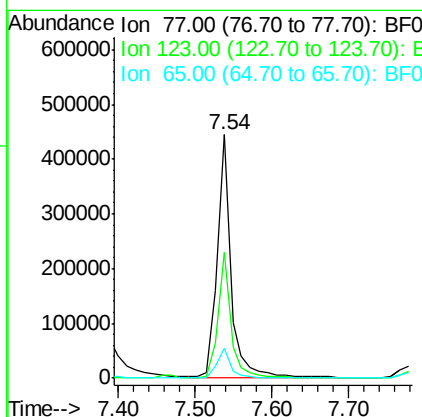
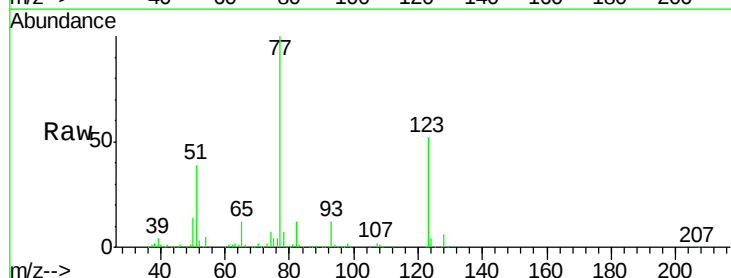
Manual Integrations
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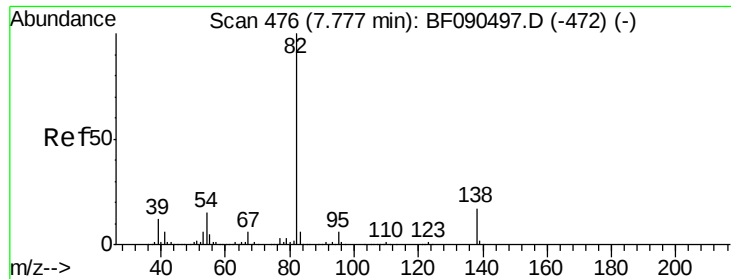
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#24
 Nitrobenzene
 Concen: 33.91 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	33.0	49.4#
65	12.4	12.0	18.0





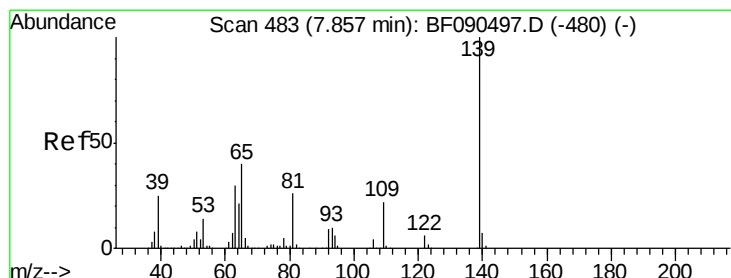
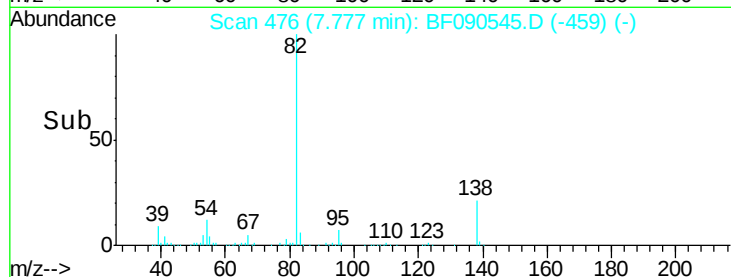
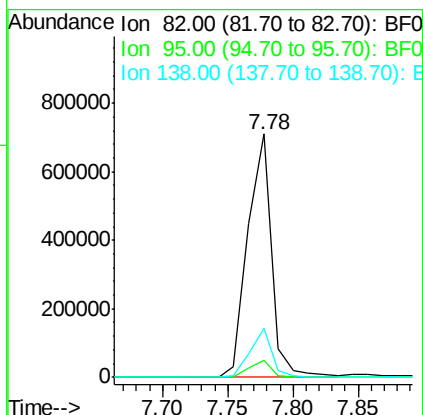
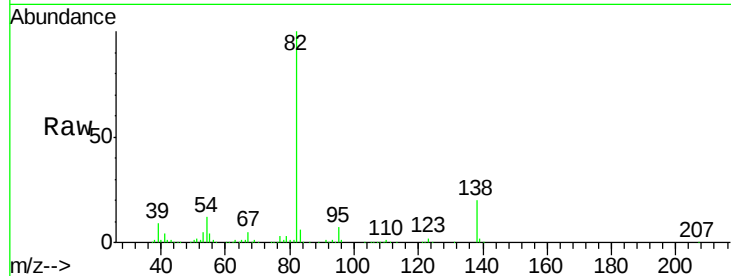
#25
Isophorone
Concen: 32.83 ng
RT: 7.78 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.2	7.8	
138	20.4	13.0	19.4	

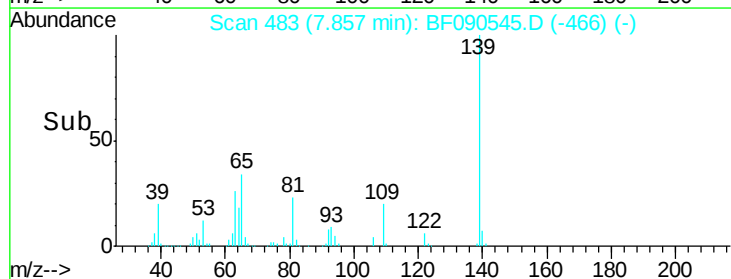
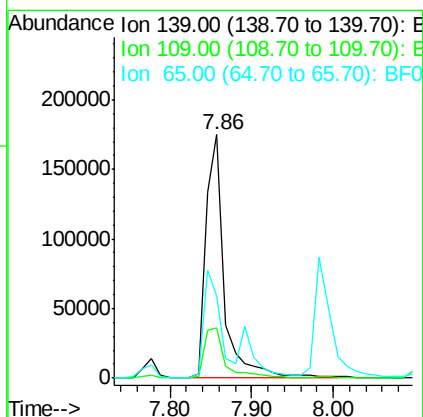
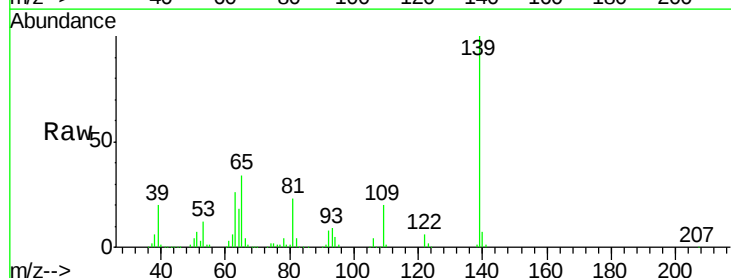
Manual Integrations
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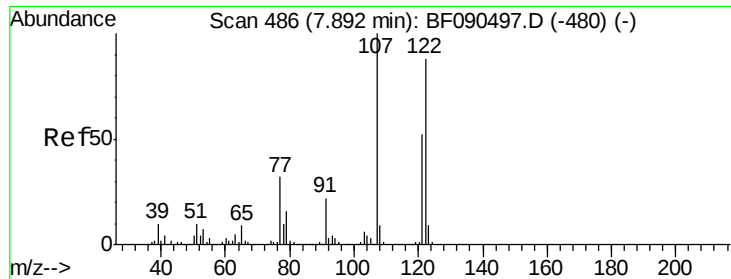
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#26
2-Nitrophenol
Concen: 37.81 ng
RT: 7.86 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	20.5	18.9	28.3	
65	34.0	31.6	47.4	





#27

2,4-Dimethylphenol

Concen: 37.64 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

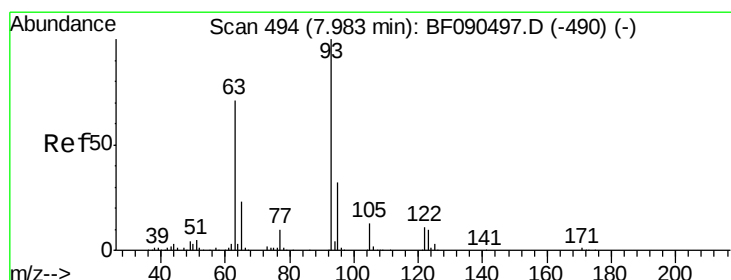
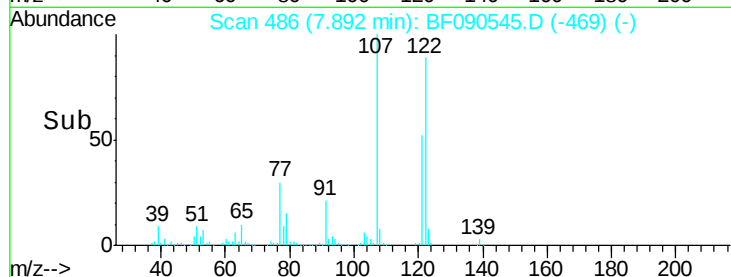
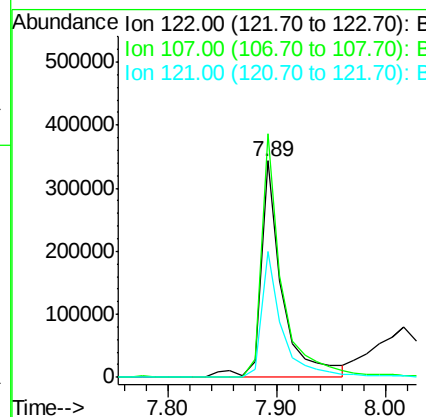
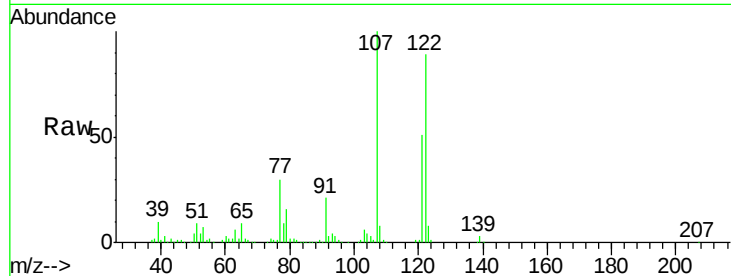
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	473181
Ion Ratio	Lower	Upper	
122	100		
107	112.4	88.6	132.8
121	57.8	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 33.33 ng

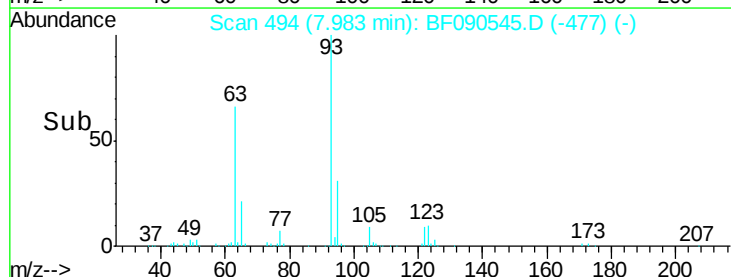
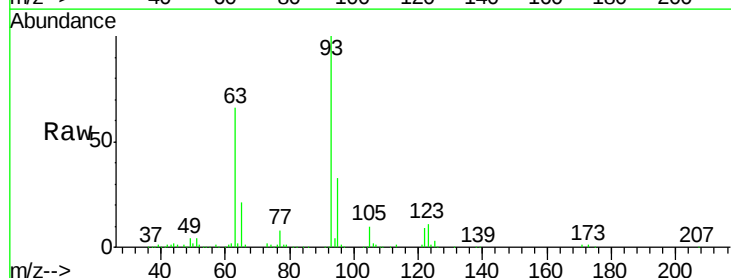
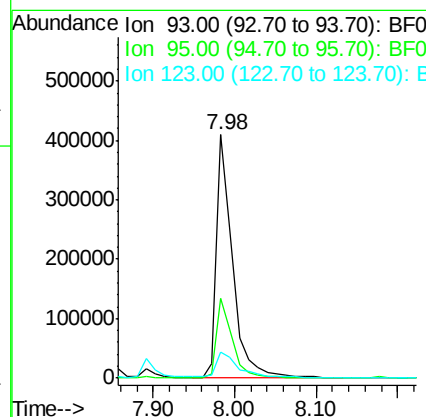
RT: 7.98 min Scan# 494

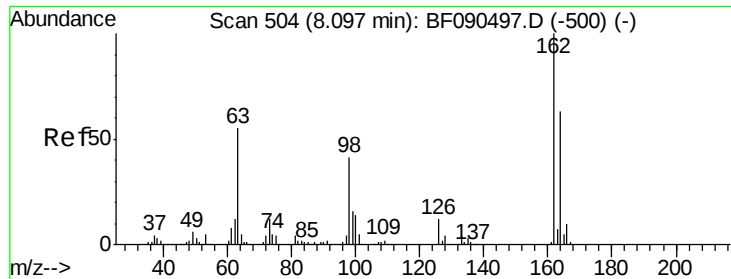
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	93	Resp:	566118
Ion Ratio	Lower	Upper	
93	100		
95	32.6	27.0	40.4
123	10.7	11.1	16.7#





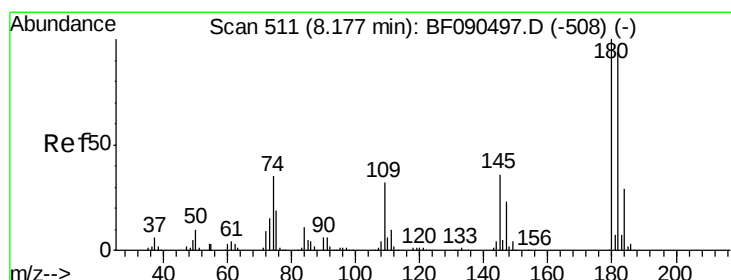
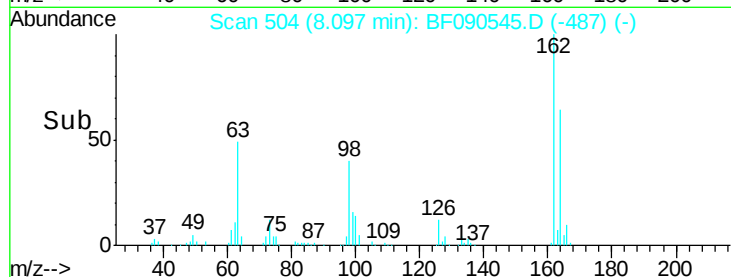
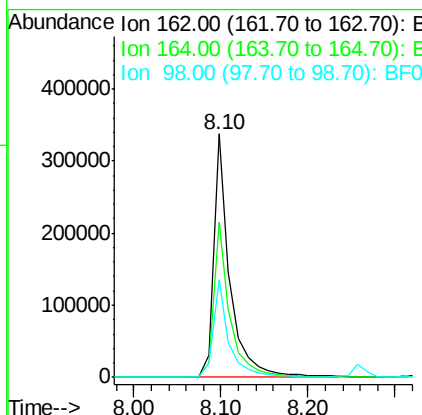
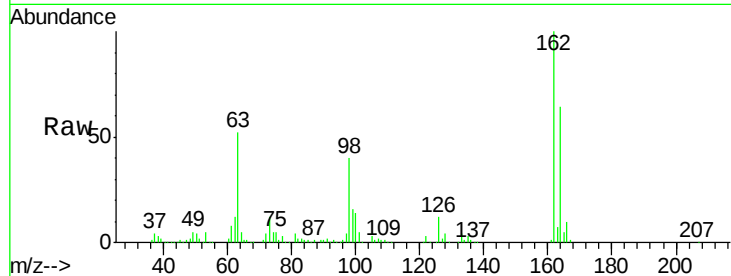
#29
2,4-Dichlorophenol
Concen: 41.85 ng
RT: 8.10 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	439999		
164	63.9		45.7	85.7
98	40.2		13.3	53.3

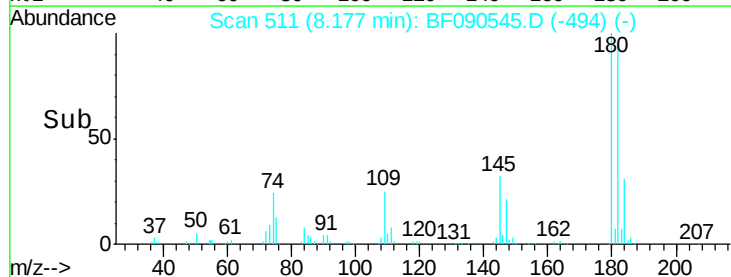
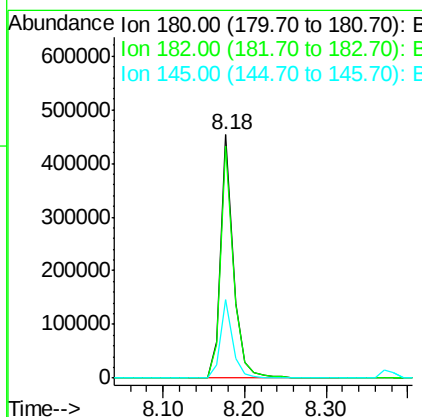
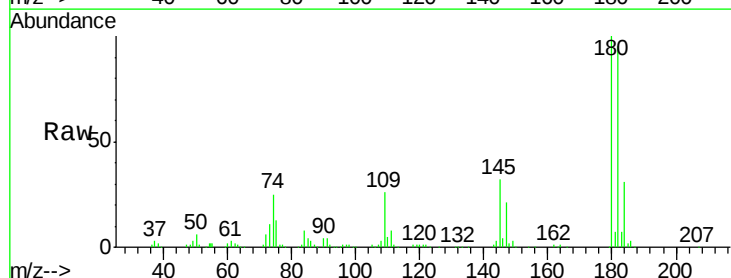
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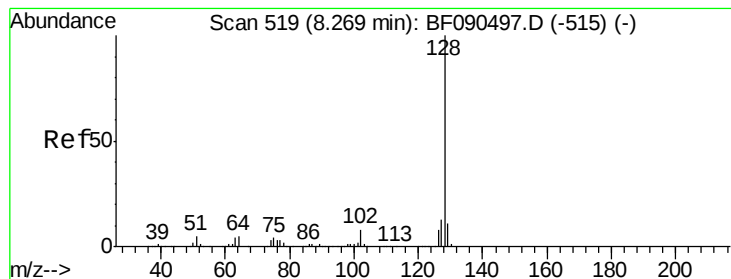
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#30
1,2,4-Trichlorobenzene
Concen: 40.82 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492987		
182	95.4		75.3	112.9
145	32.1		27.7	41.5





#31

Naphthalene

Concen: 39.15 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1598865

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

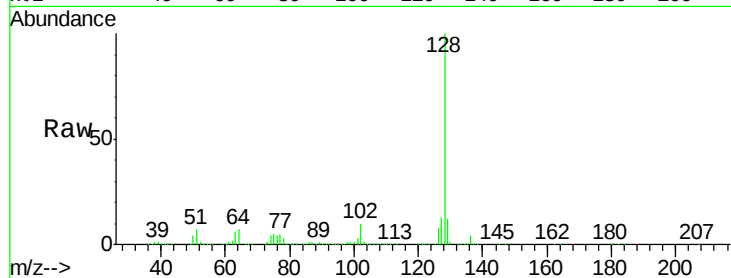
127 13.3 11.7 17.5

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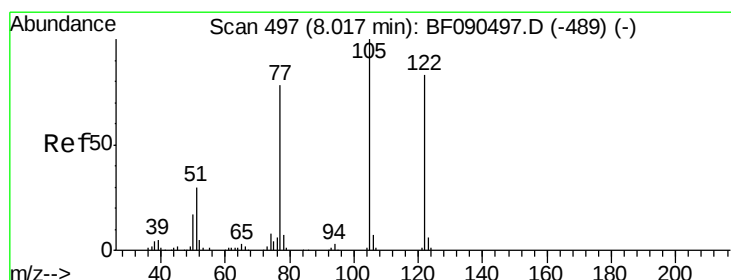
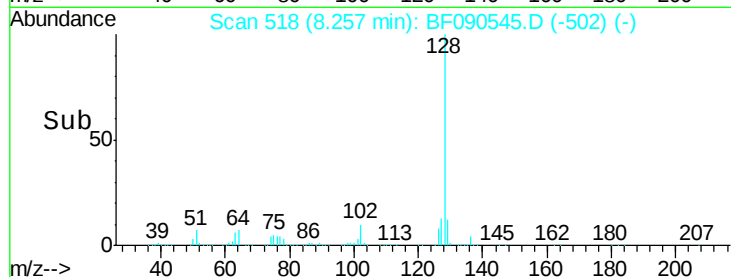
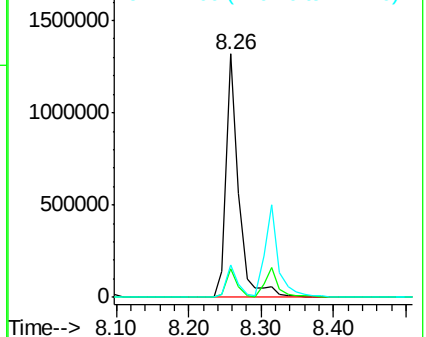
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.40 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

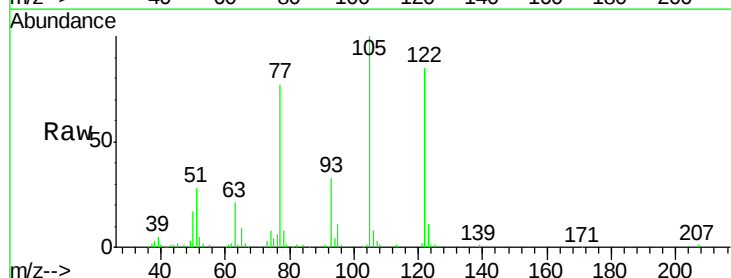
Tgt Ion:122 Resp: 281765

Ion Ratio Lower Upper

122 100

105 117.4 103.9 143.9

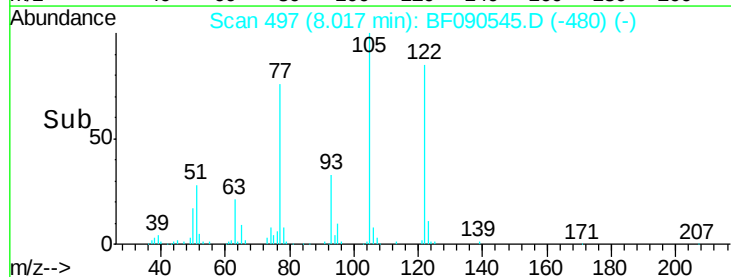
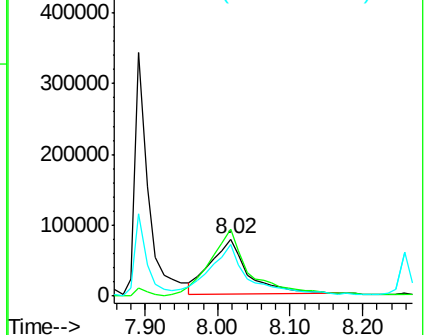
77 90.6 74.6 114.6

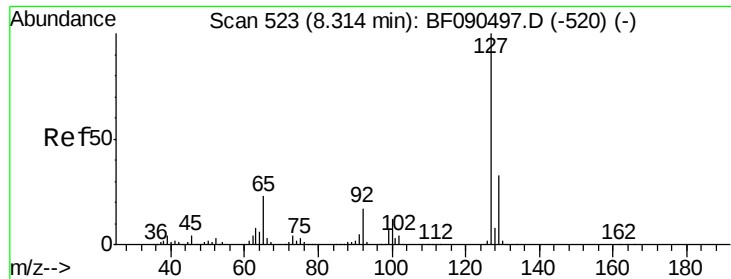


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





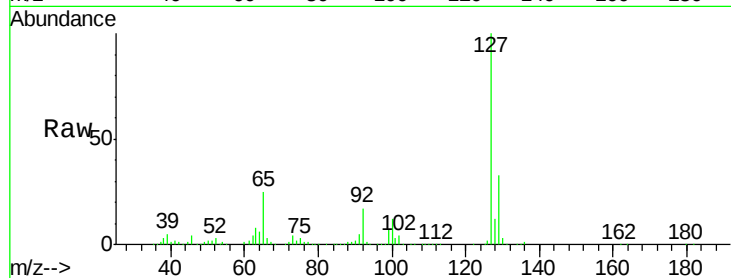
#33
4-Chloroaniline
Concen: 39.05 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	25.4	32.5	48.7
92	17.4	17.2	25.8

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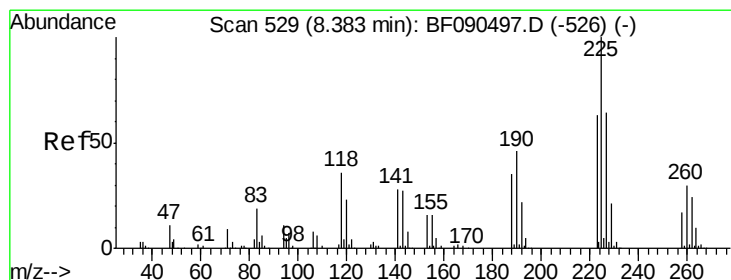
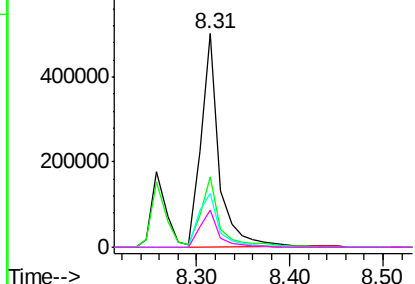
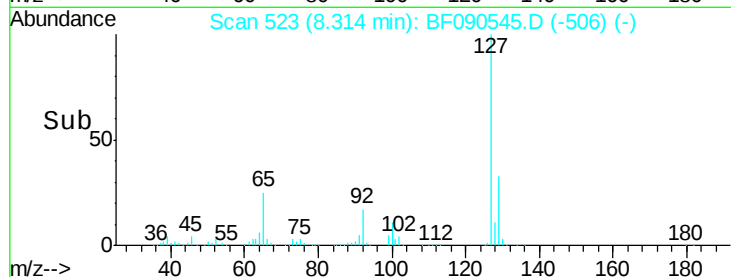
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

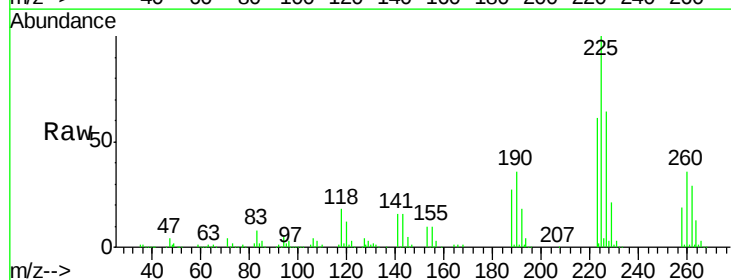
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 39.77 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.0	76.4
227	64.1	50.8	76.2

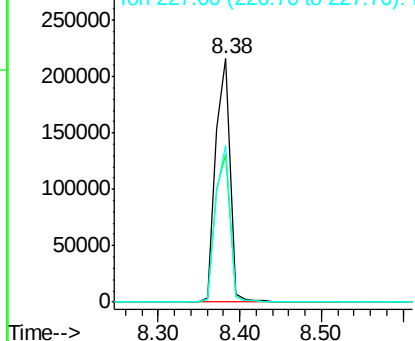
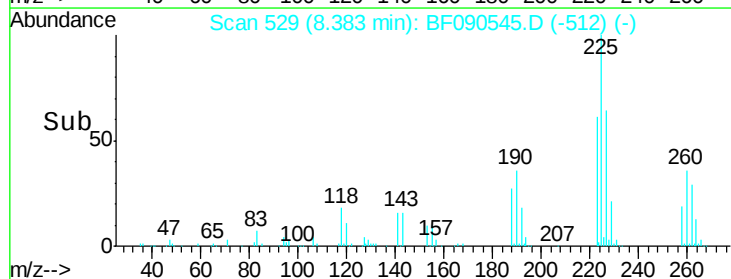


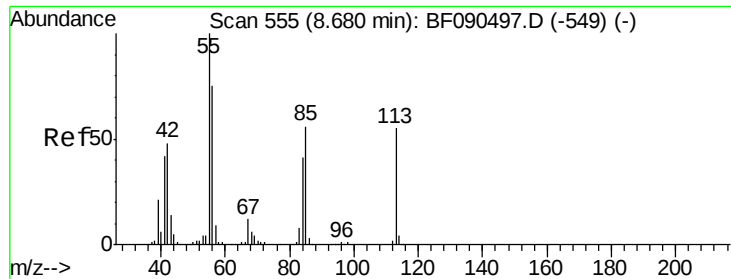
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.23 ng

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

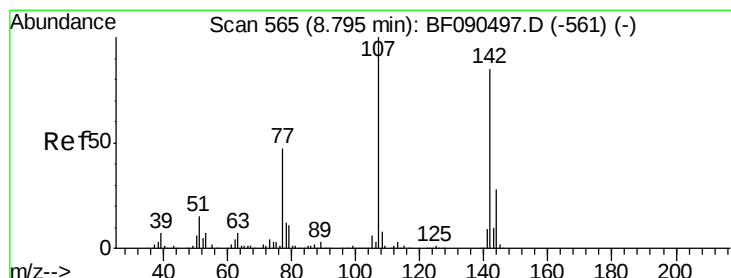
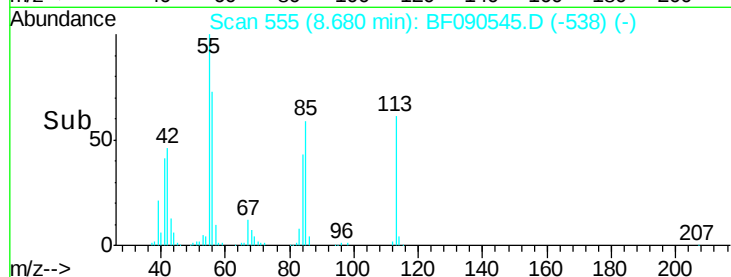
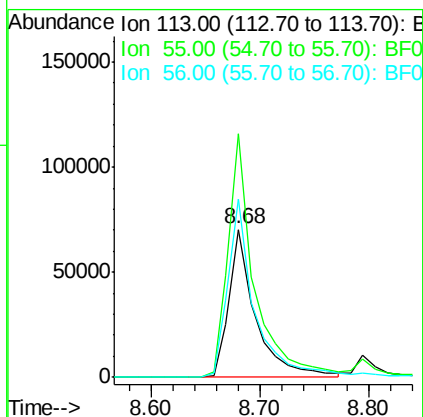
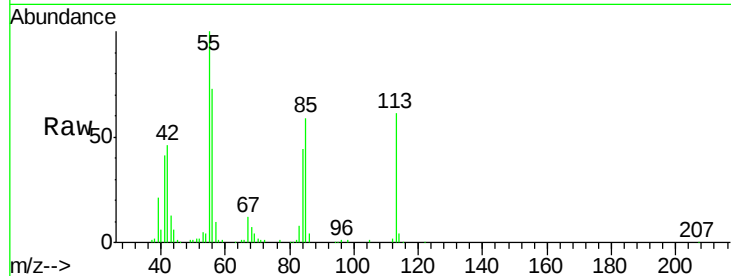
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	164.5		203.3	243.3#	
56	120.8		140.5	180.5#	

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#36

4-Chloro-3-methylphenol

Concen: 38.90 ng

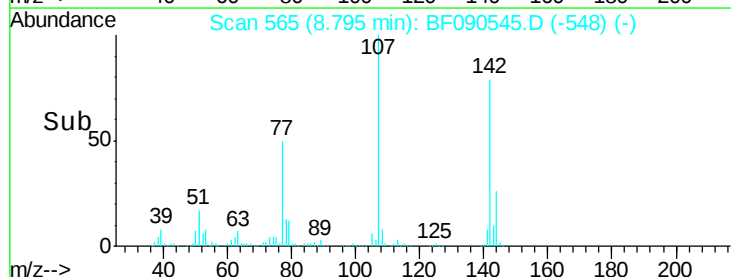
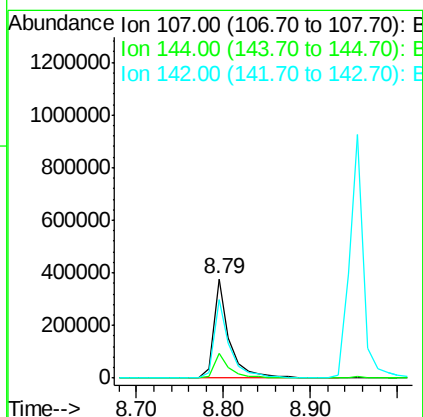
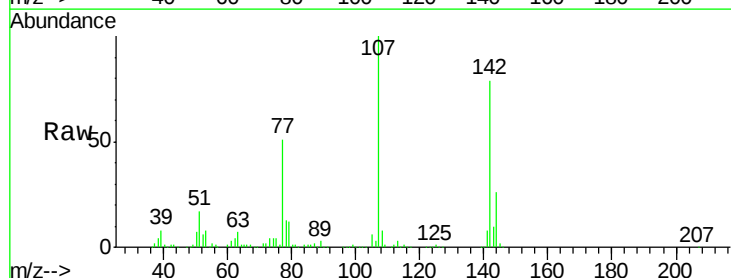
RT: 8.79 min Scan# 565

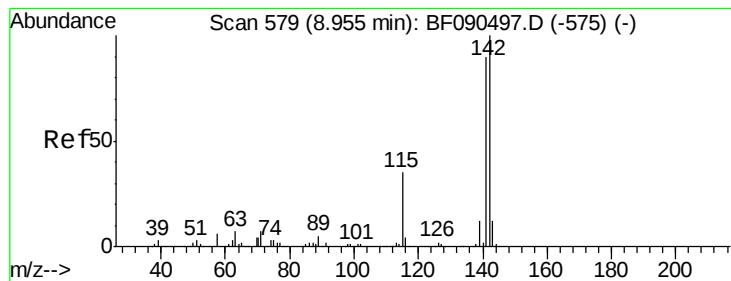
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5		19.8	29.8	
142	79.2		60.7	91.1	





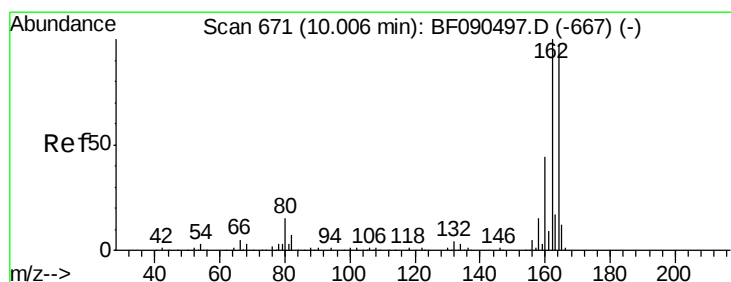
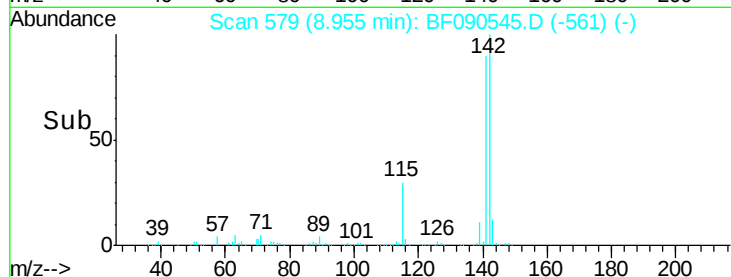
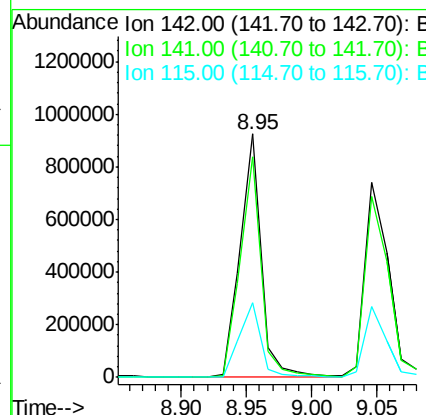
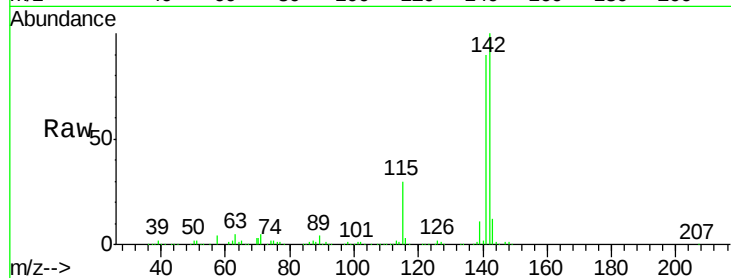
#37
2-Methylnaphthalene
Concen: 37.68 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.8	107.8
115	30.5	28.8	43.2

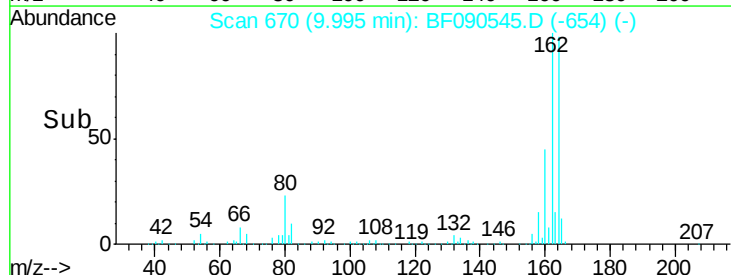
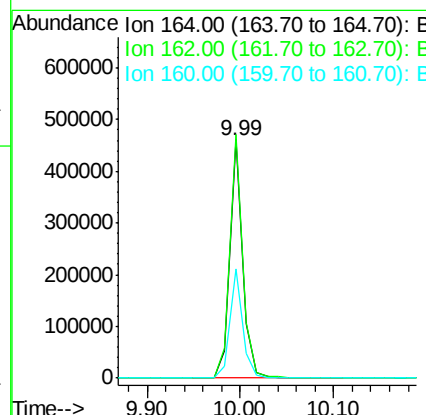
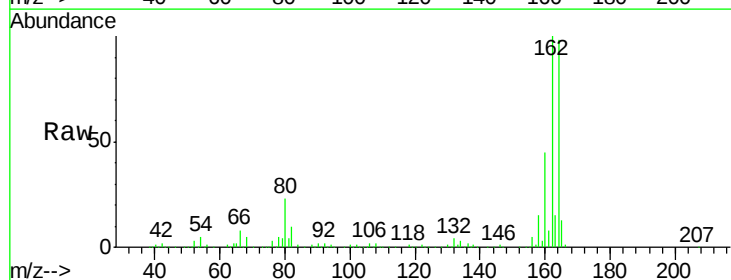
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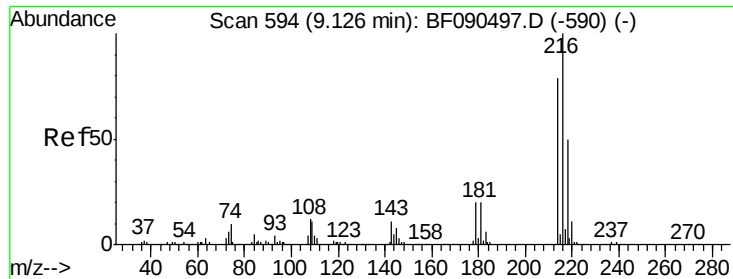
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.1	120.1
160	46.1	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.49 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

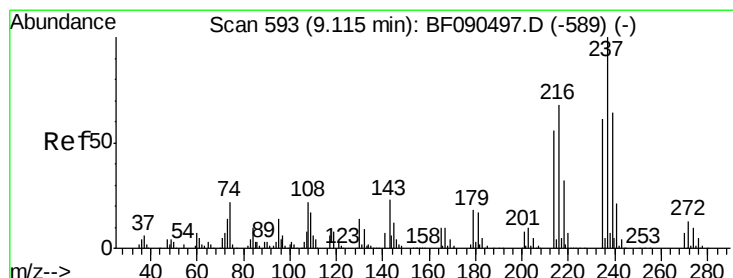
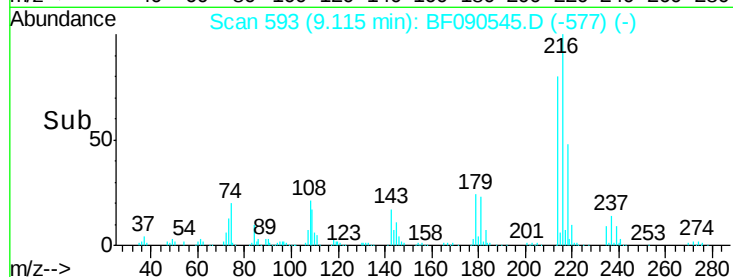
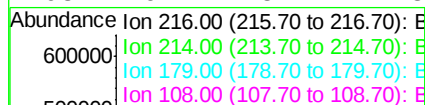
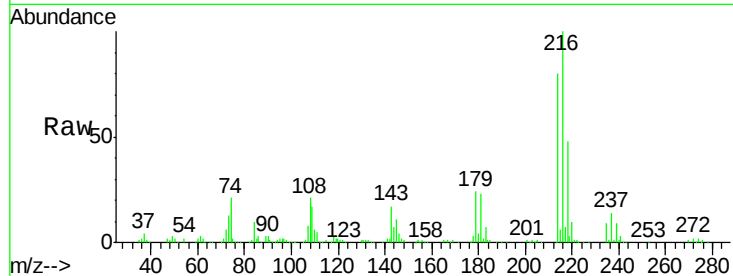
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.2	96.2
179	22.2	18.0	27.0
108	19.4	15.2	22.8

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#40

Hexachlorocyclopentadiene

Concen: 33.99 ng

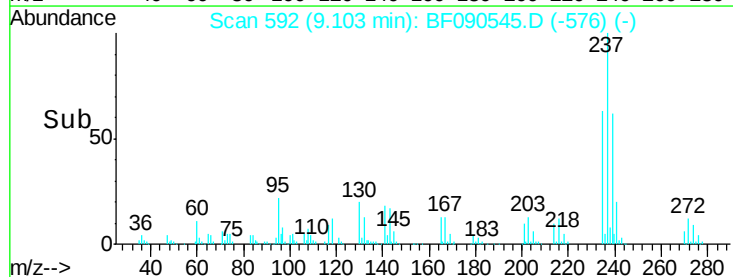
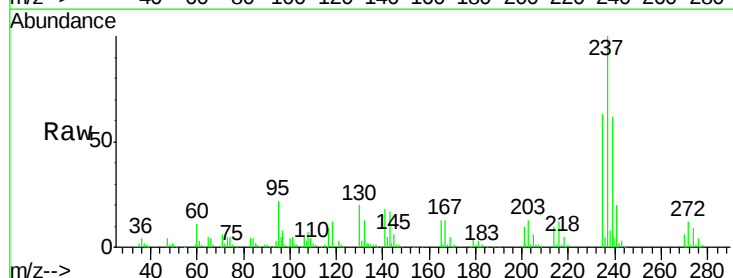
RT: 9.10 min Scan# 592

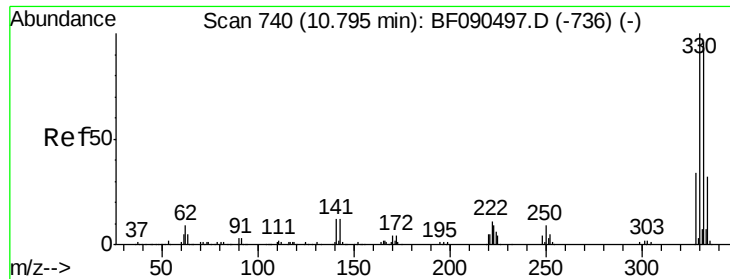
Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.6	83.6
272	12.2	0.0	32.7





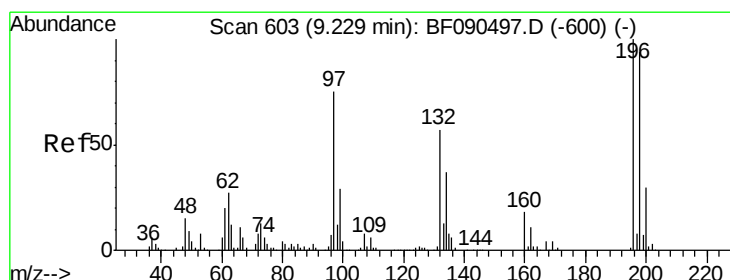
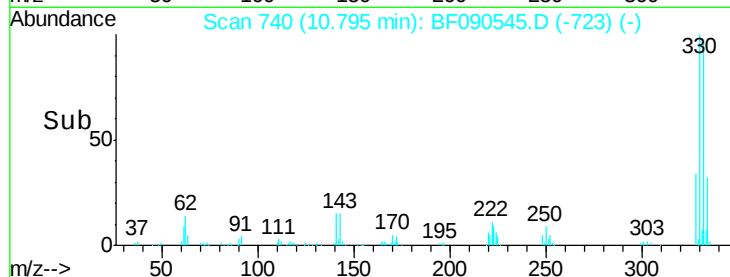
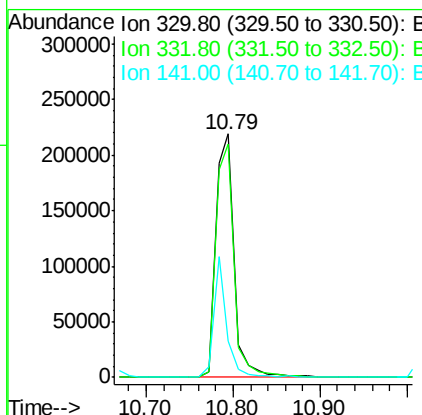
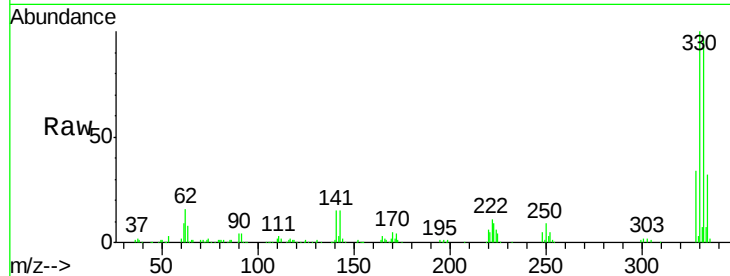
#41
 2,4,6-Tribromophenol
 Concen: 74.73 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	35.5	26.9	40.3

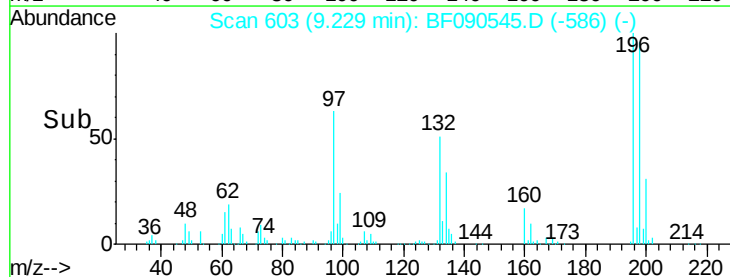
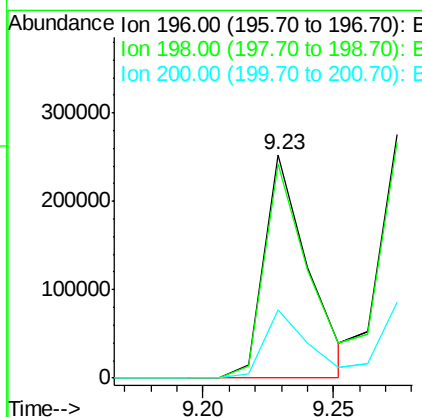
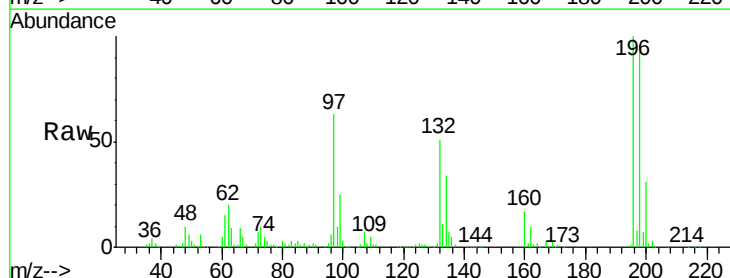
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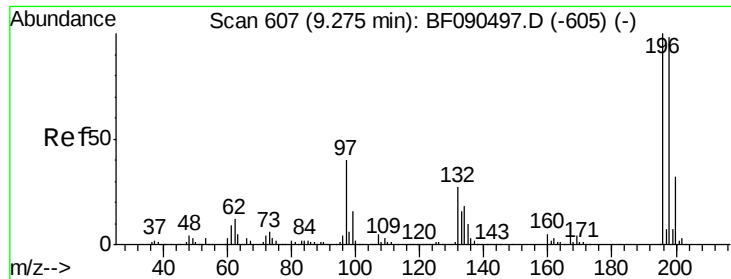
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#42
 2,4,6-Trichlorophenol
 Concen: 35.77 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.9	118.3
200	30.7	25.4	38.2





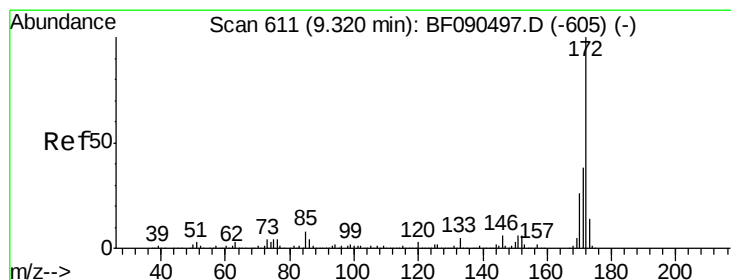
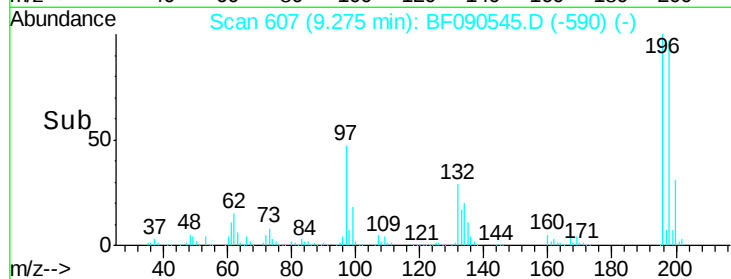
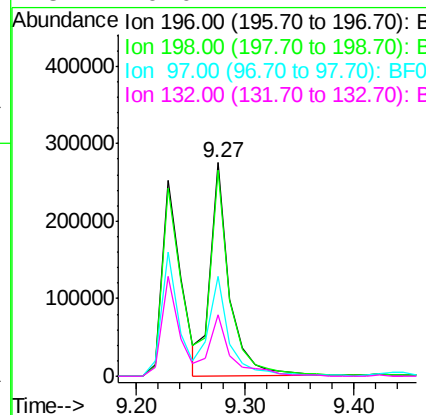
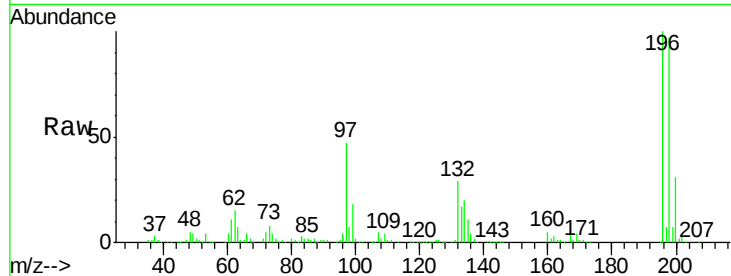
#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
341307	196	100			
	198	96.7	78.1	117.1	
	97	46.7	48.1	72.1	
	132	29.0	27.4	41.2	

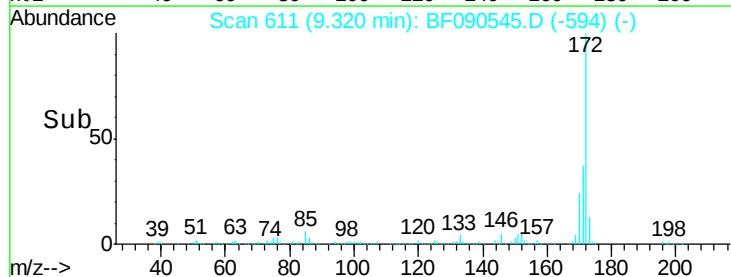
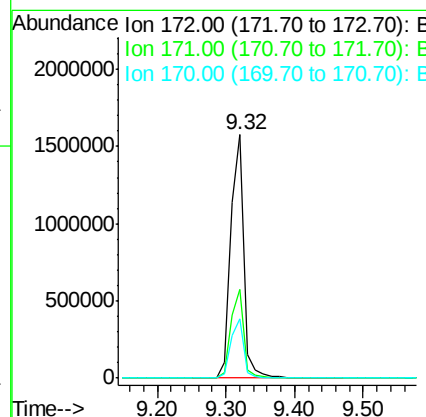
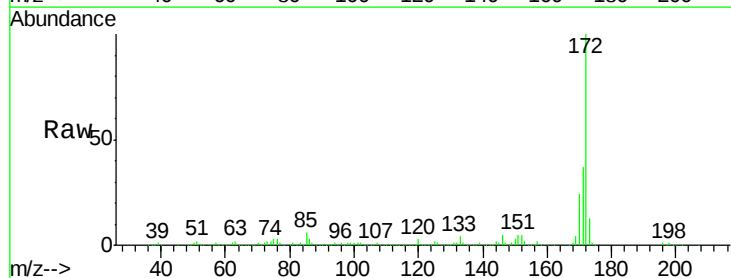
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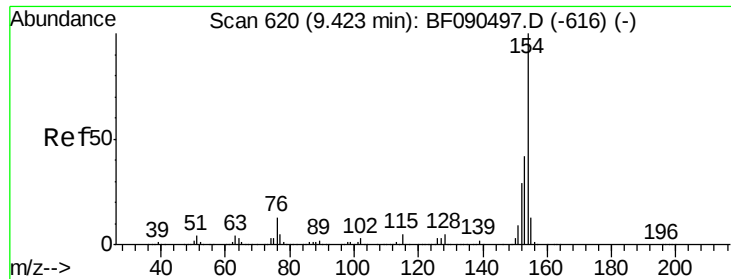
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#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
2113797	172	100			
	171	36.6	31.8	47.8	
	170	24.3	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 37.17 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1244841

Ion Ratio Lower Upper

154 100

153 41.1 23.8 63.8

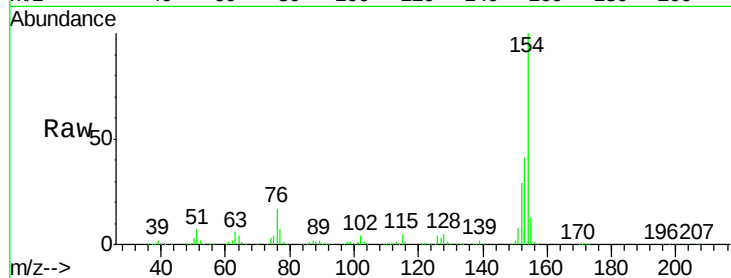
76 17.1 0.0 35.8

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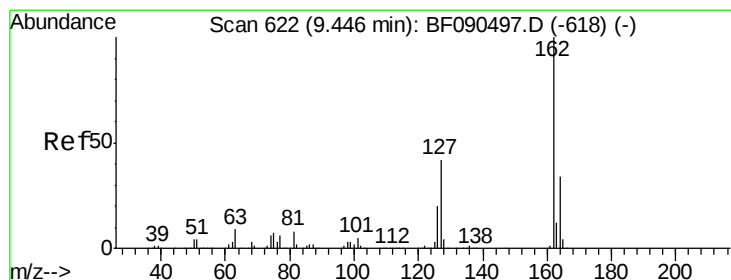
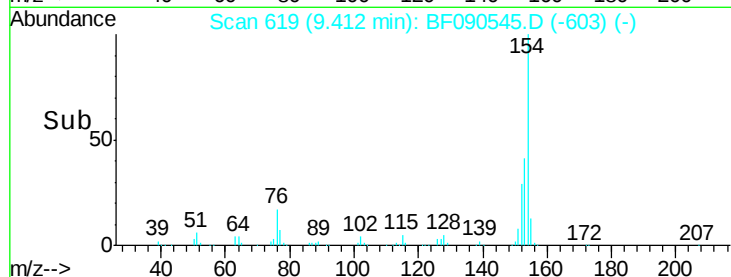
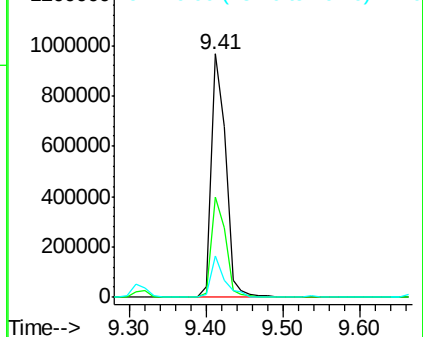
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.67 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

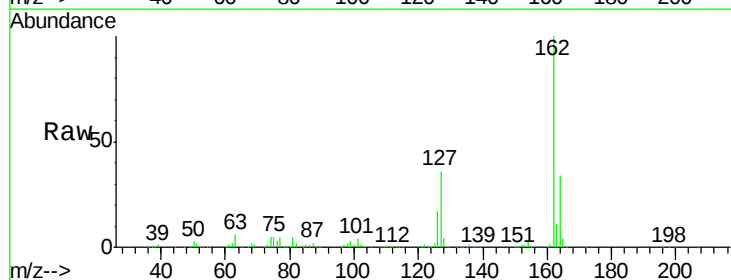
Tgt Ion:162 Resp: 988424

Ion Ratio Lower Upper

162 100

127 35.8 35.6 53.4

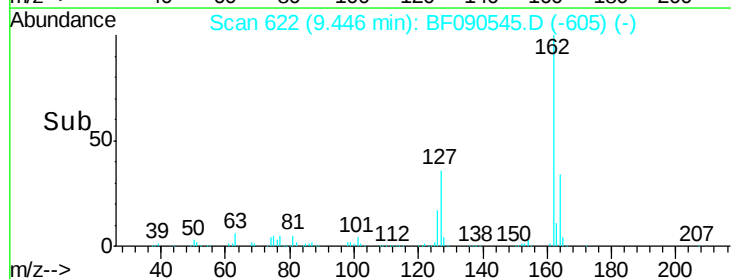
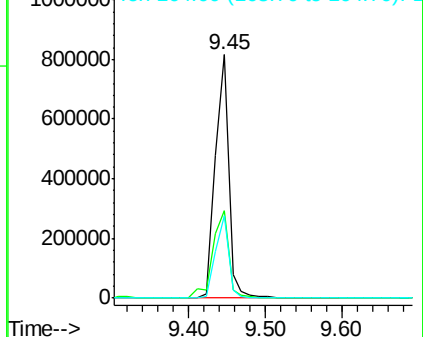
164 33.6 27.5 41.3

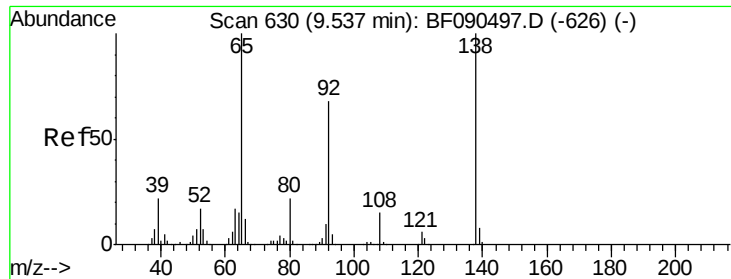


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.66 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

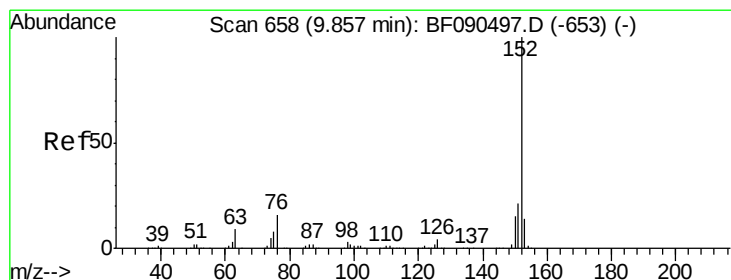
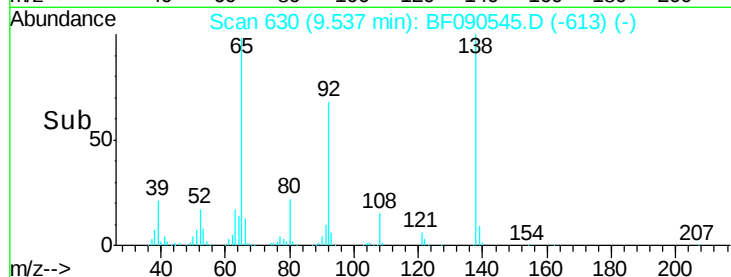
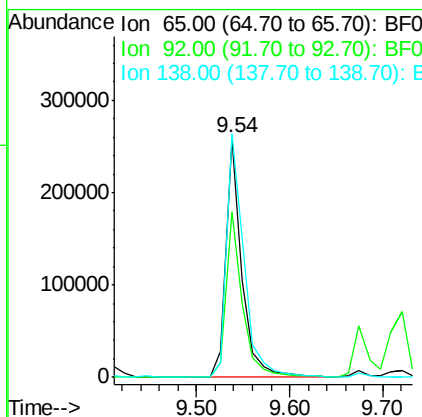
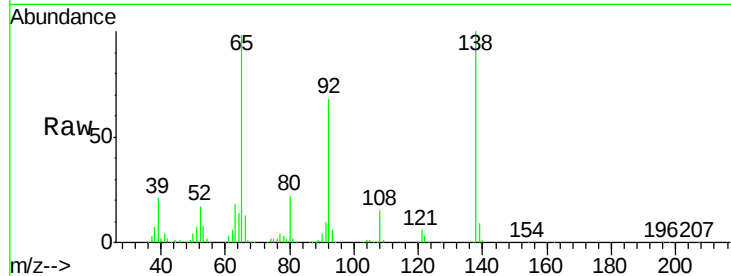
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	308086
Ion Ratio	Lower	Upper	
65	100		
92	69.4	51.7	77.5
138	101.9	79.0	118.4

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#48

Acenaphthylene

Concen: 37.82 ng

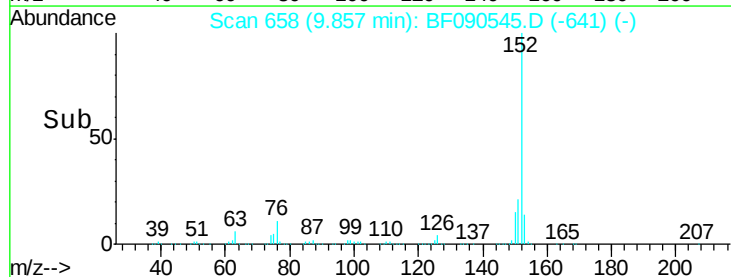
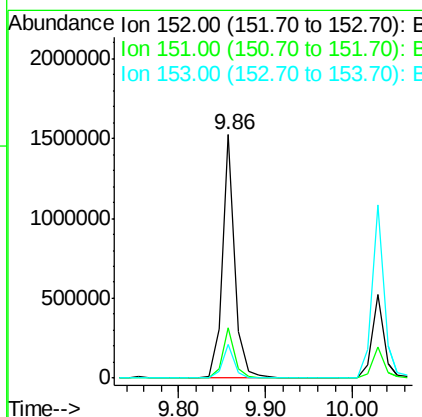
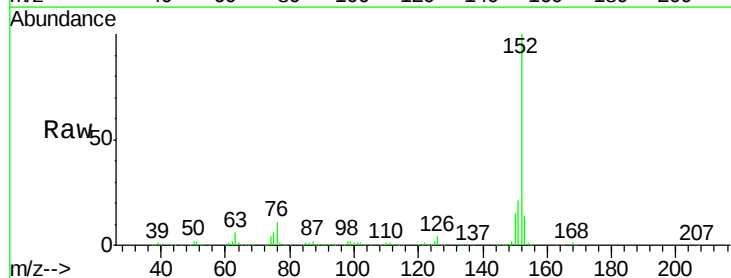
RT: 9.86 min Scan# 658

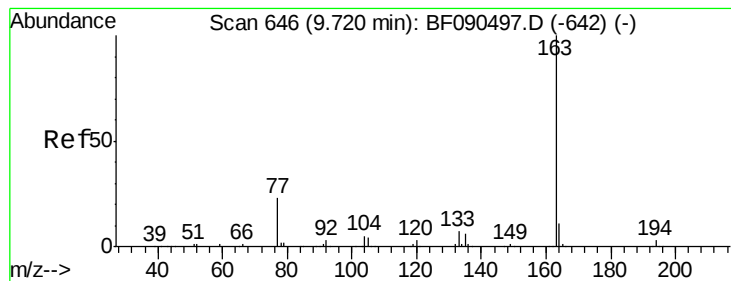
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	152	Resp:	1520575
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.0
153	13.8	11.6	17.4





#49

Dimethylphthalate

Concen: 38.89 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

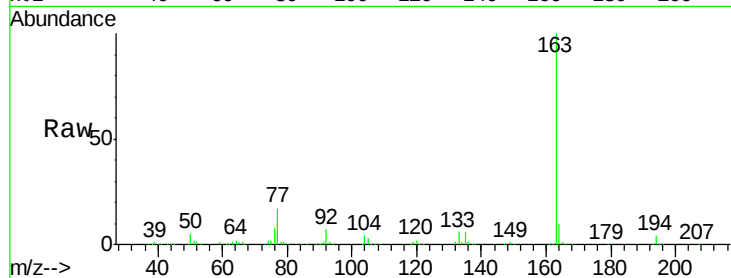
ClientSampleId :

SSTDCCC040EC

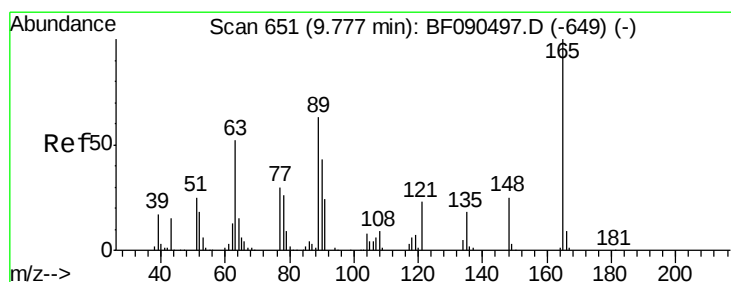
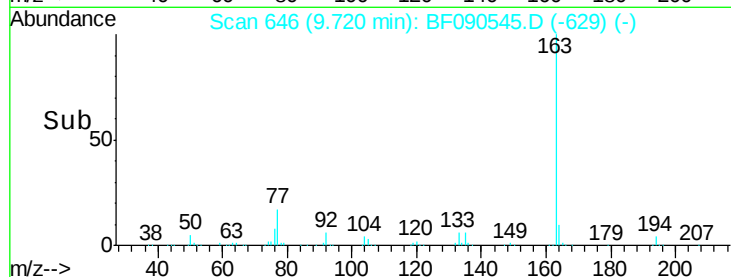
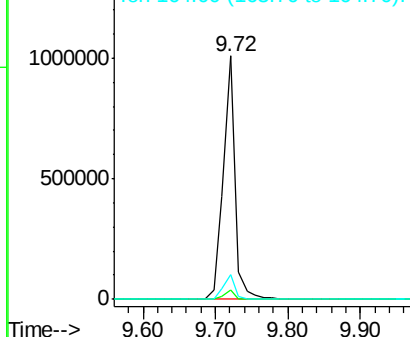
Tot Ion:	163	Resp:	1146904
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.2	9.0	13.4

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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: 38.90 ng

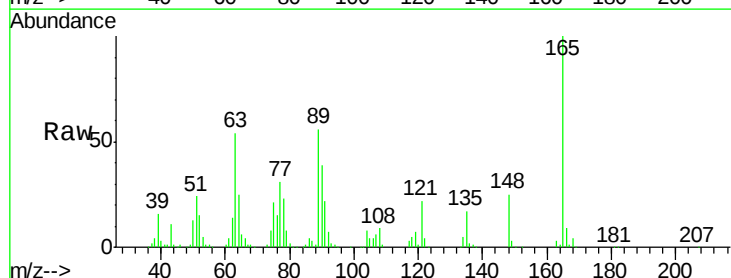
RT: 9.78 min Scan# 651

Delta R.T. 0.00 min

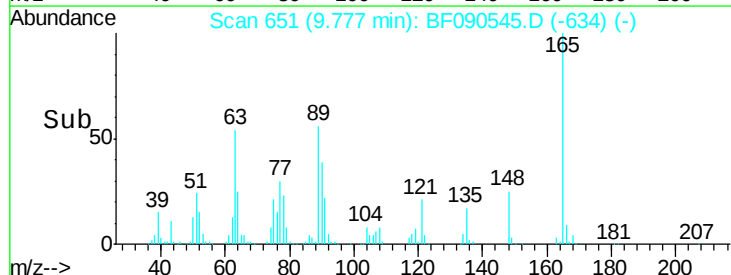
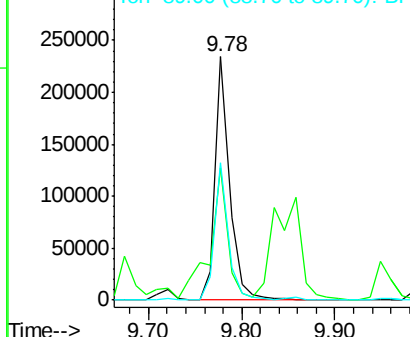
Lab File: BF090545.D

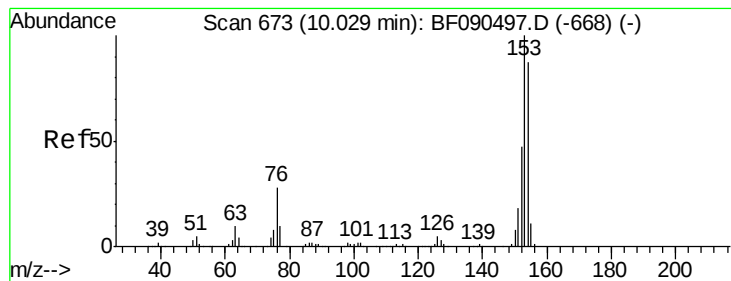
Acq: 12 Oct 2016 19:43

Tgt Ion:	165	Resp:	253314
Ion	Ratio	Lower	Upper
165	100		
63	54.1	58.0	87.0#
89	56.3	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: 36.99 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

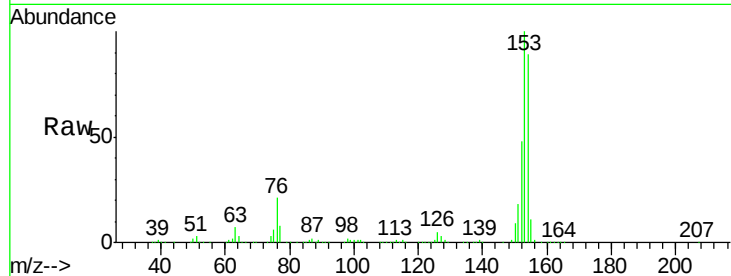
ClientSampleId :

SSTDCCC040EC

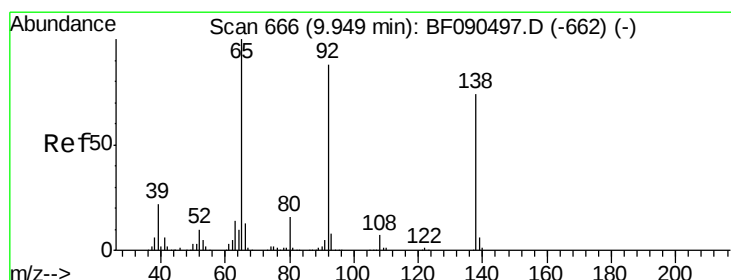
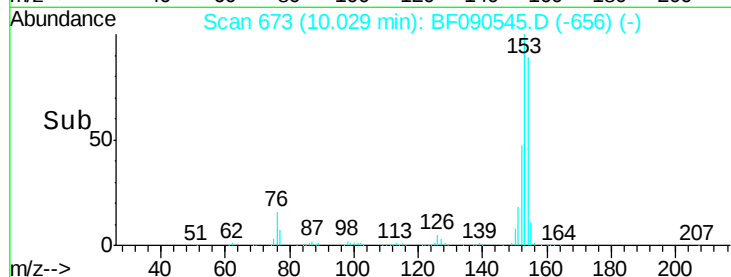
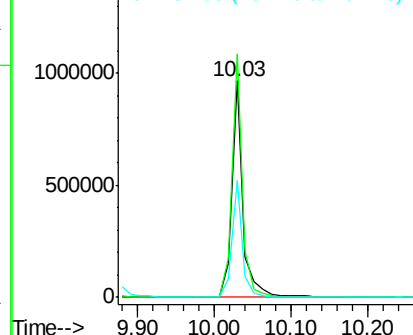
Tot Ion:	154	Resp:	996767
Ion Ratio	Lower	Upper	
154	100		
153	112.6	88.6	133.0
152	53.9	42.6	64.0

Manual Integrations
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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: 35.64 ng

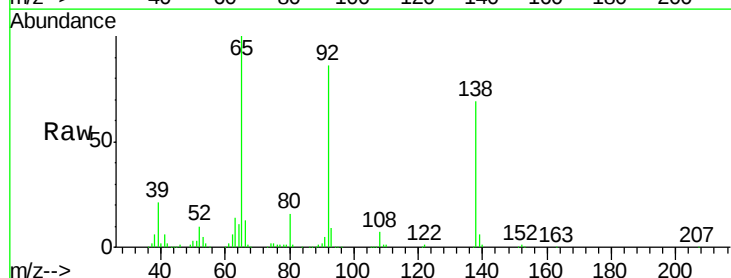
RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

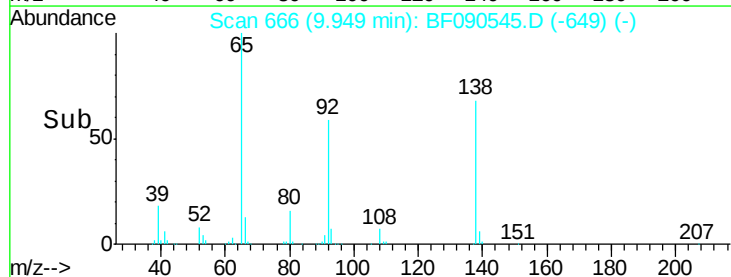
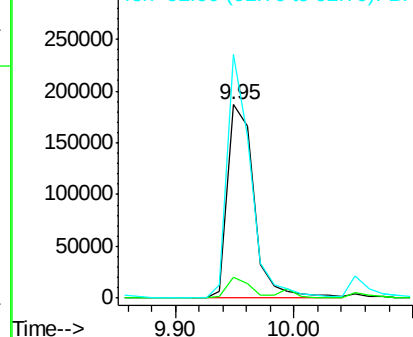
Lab File: BF090545.D

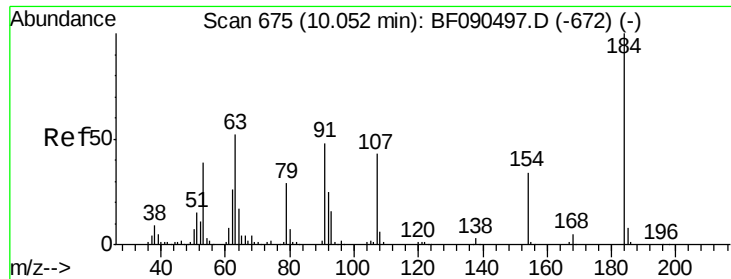
Acq: 12 Oct 2016 19:43

Tgt Ion:	138	Resp:	287949
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.7	14.5
92	125.9	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





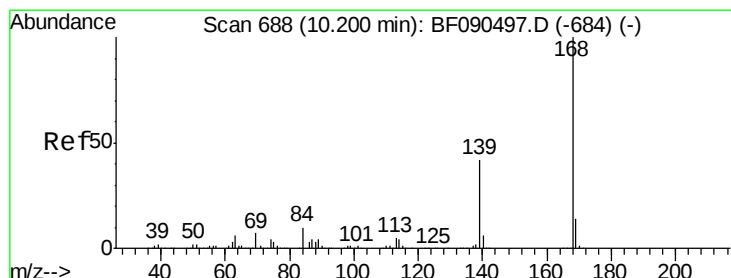
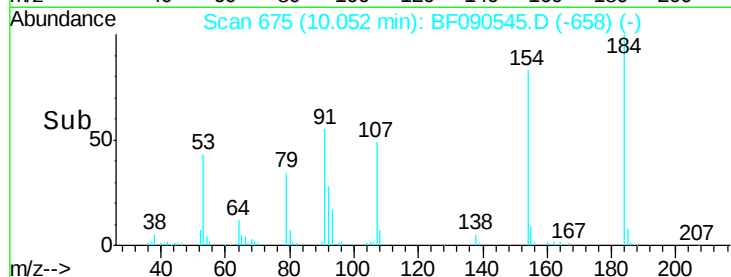
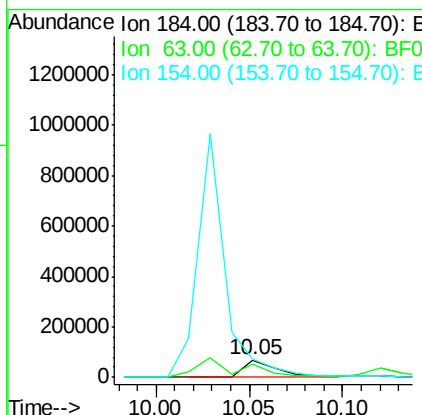
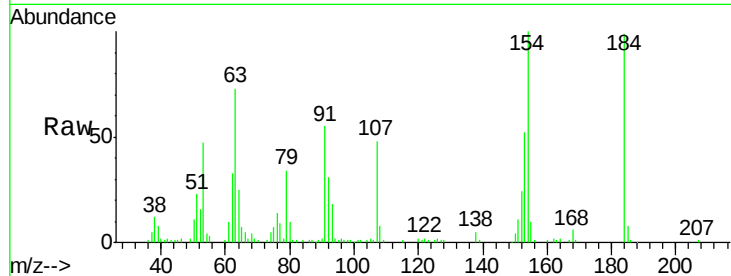
#53
2,4-Dinitrophenol
Concen: 25.34 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.0	41.9	62.9#
154	100.7	48.9	73.3#

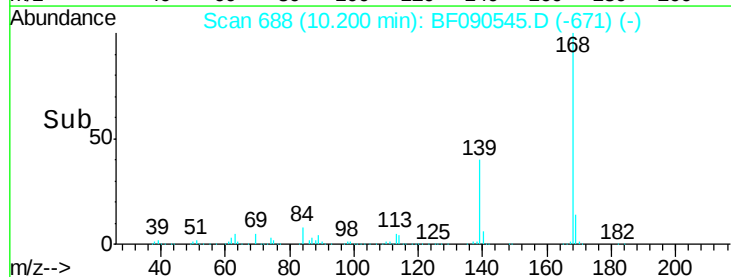
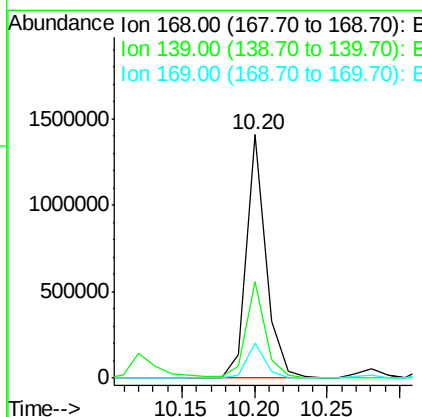
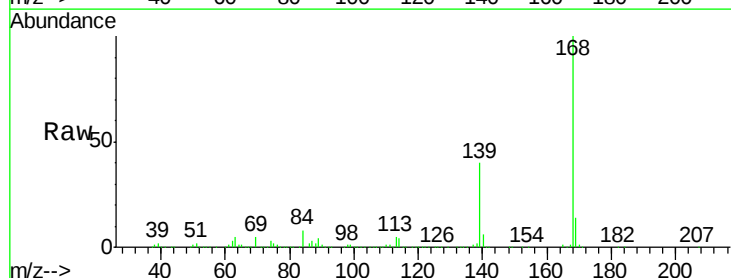
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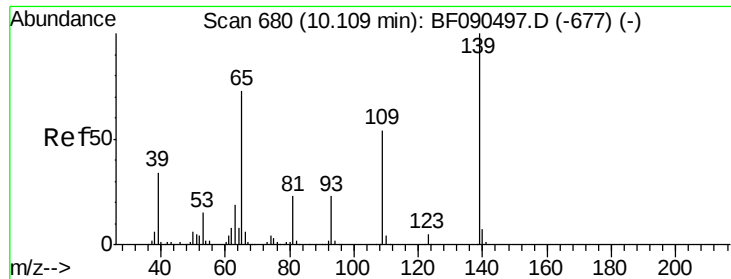
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#54
Dibenzofuran
Concen: 36.92 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	29.6	44.4
169	14.3	11.3	16.9





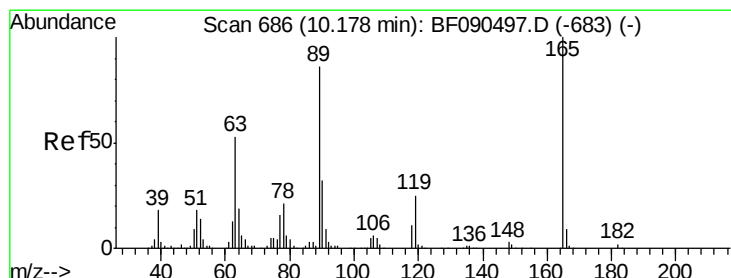
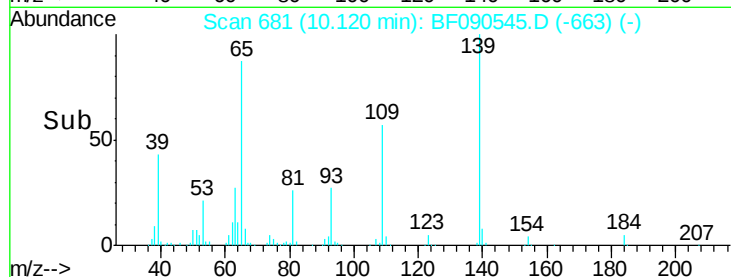
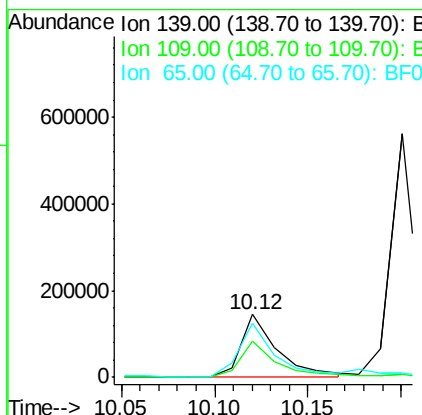
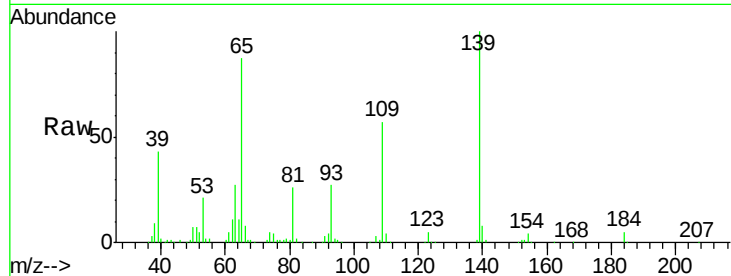
#55
4-Nitrophenol
Concen: 31.32 ng
RT: 10.12 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	196663		
109	57.2	43.6	83.6	
65	86.6	87.5	127.5	

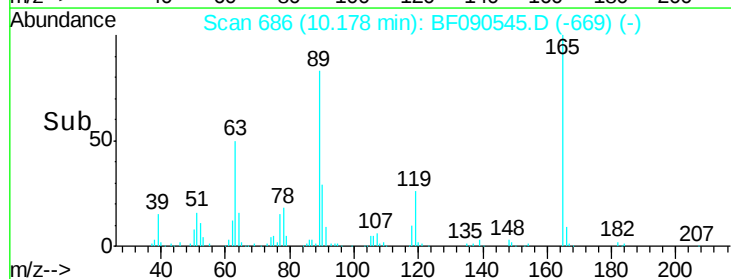
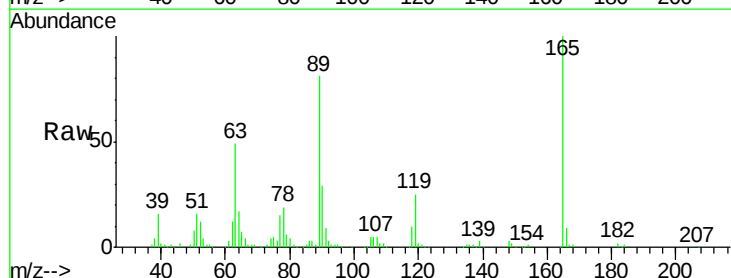
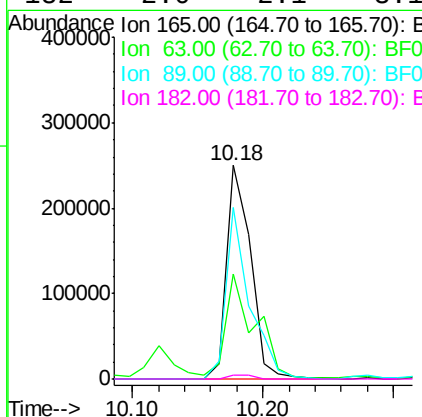
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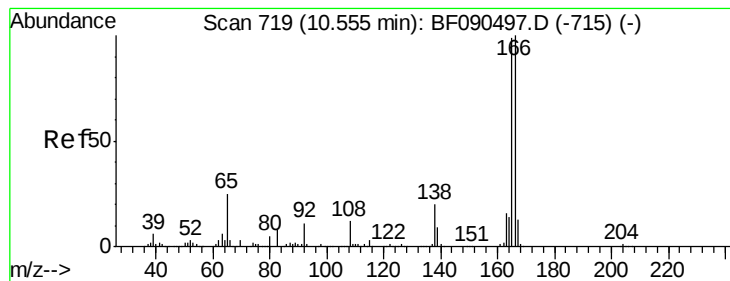
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#56
2,4-Dinitrotoluene
Concen: 37.20 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	320400		
63	48.9	17.8	26.6	
89	80.6	33.2	49.8	
182	2.0	2.1	3.1	





#57

Fluorene

Concen: 36.85 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1078440

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

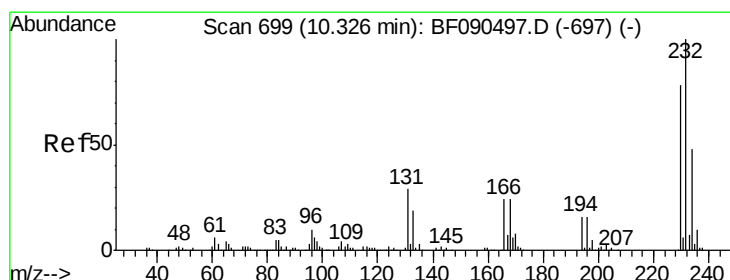
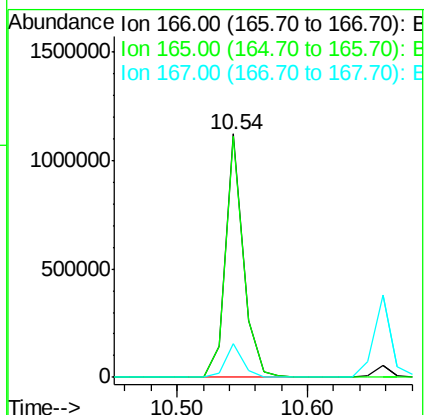
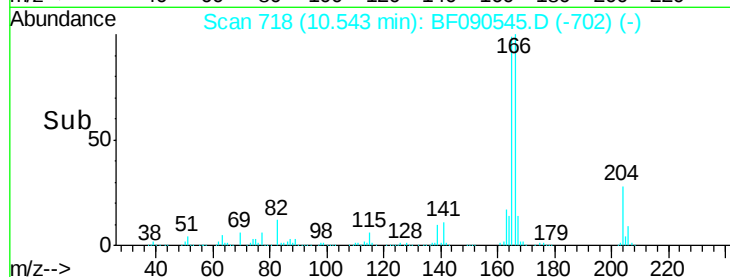
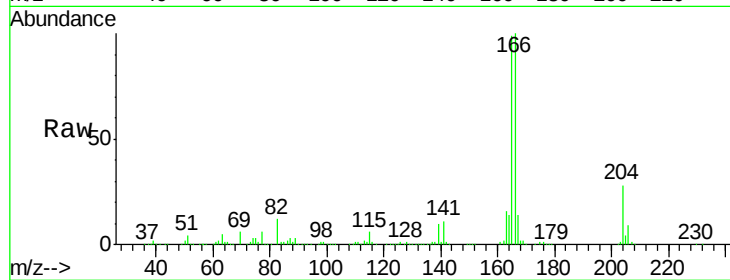
167 14.0 11.1 16.7

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.53 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:232 Resp: 256423

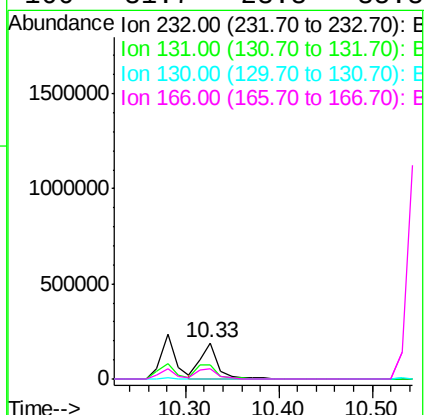
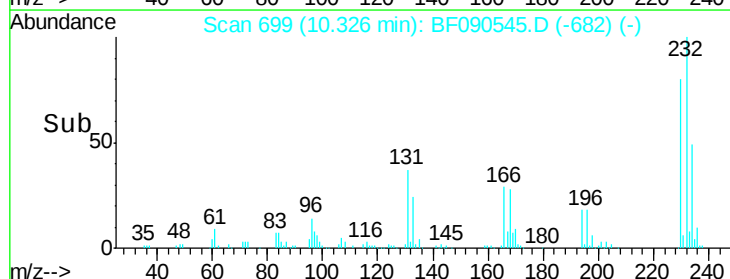
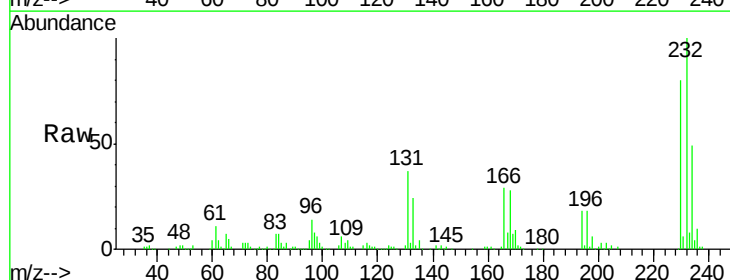
Ion Ratio Lower Upper

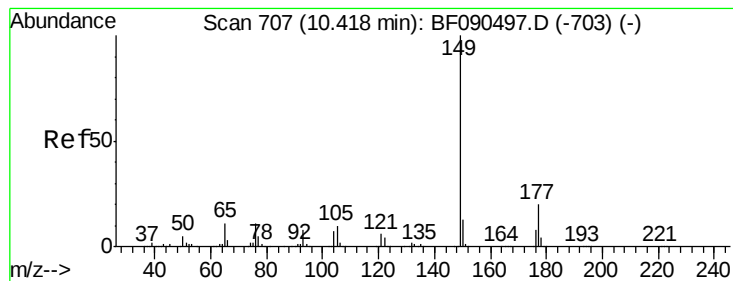
232 100

131 47.5 34.5 51.7

130 1.9 1.6 2.4

166 31.7 23.8 35.8





#59

Diethylphthalate

Concen: 37.75 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

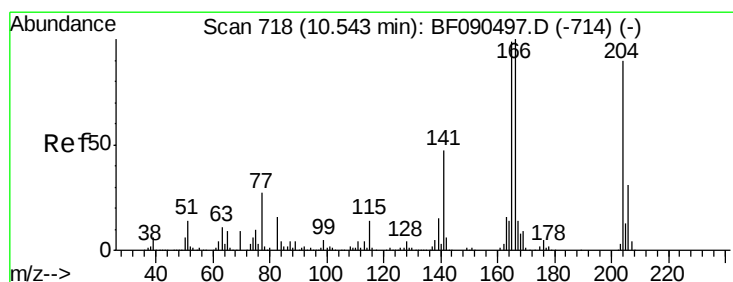
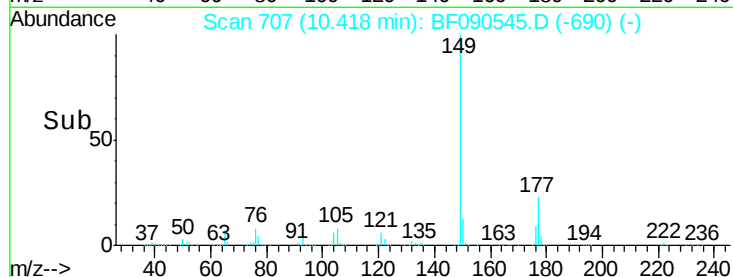
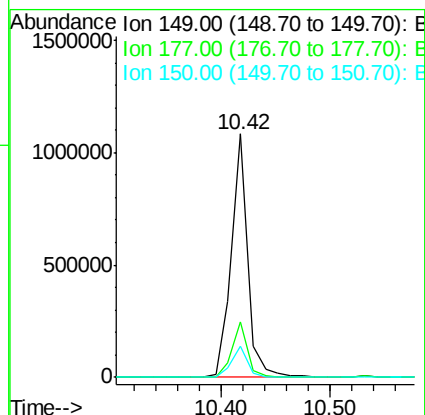
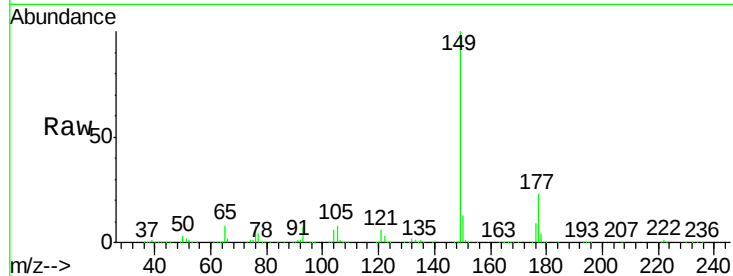
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	1132357
Ion	Ratio	Lower	Upper
149	100		
177	23.0	21.1	31.7
150	12.8	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 37.30 ng

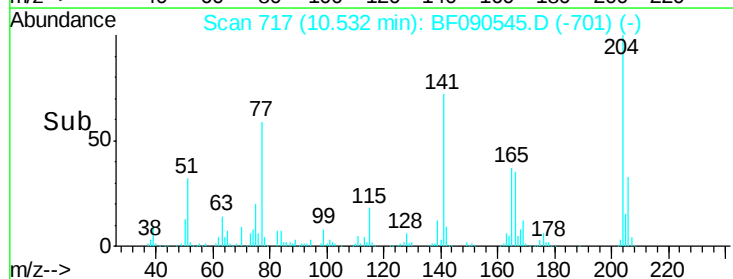
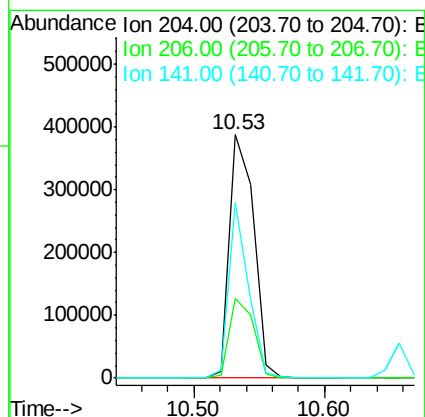
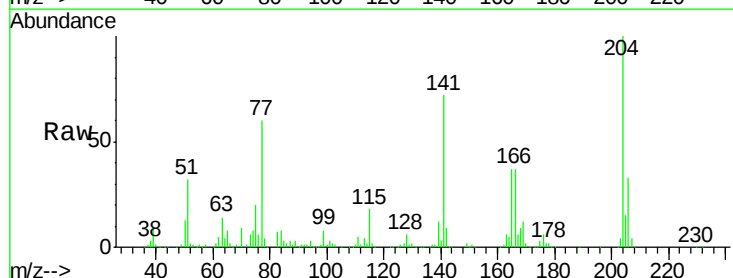
RT: 10.53 min Scan# 717

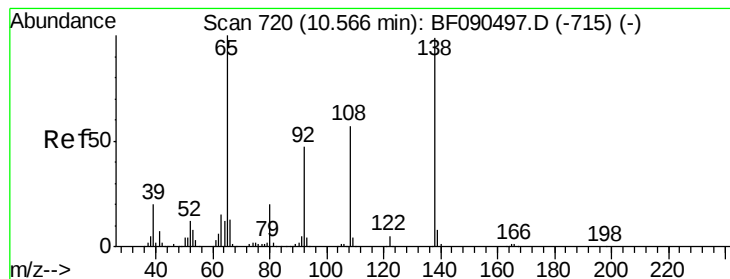
Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	204	Resp:	503734
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	72.4	51.7	77.5





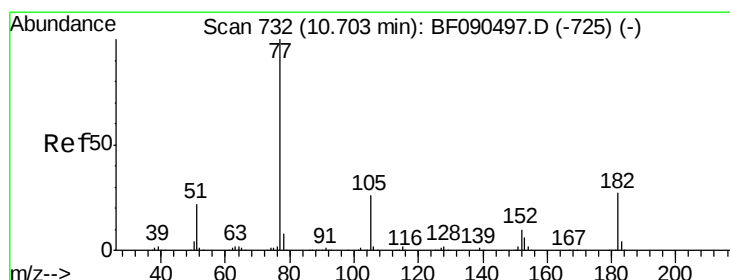
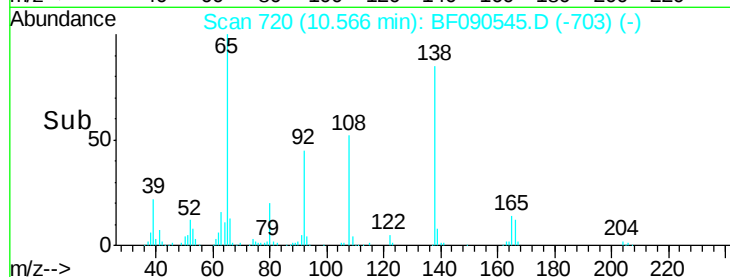
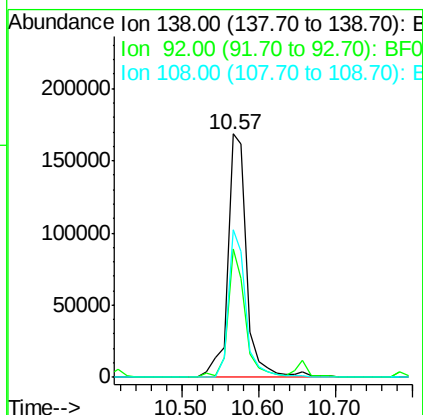
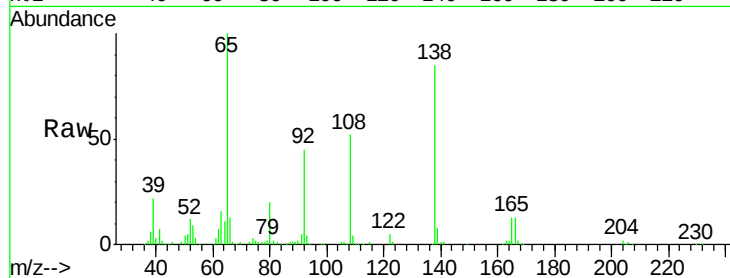
#61
4-Nitroaniline
Concen: 35.93 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.2	73.2
108	60.8	48.5	88.5

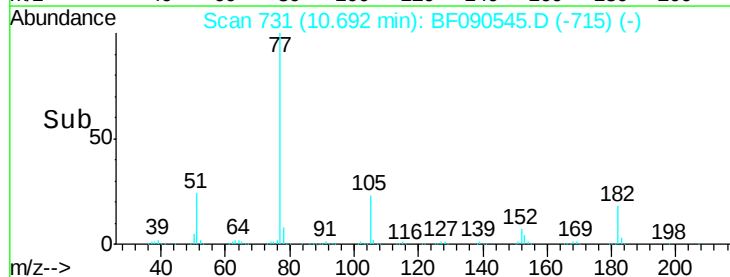
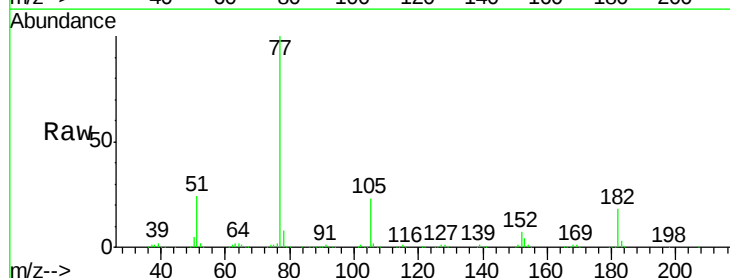
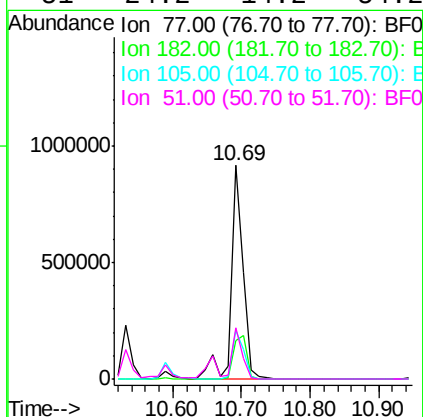
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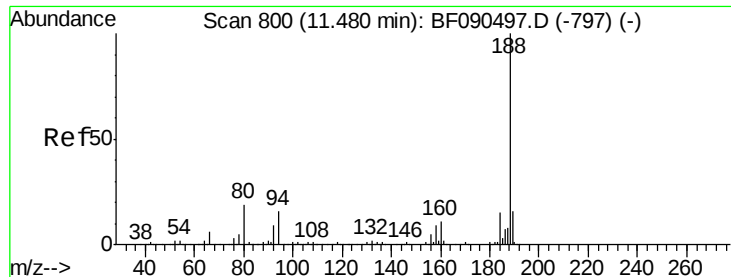
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#62
Azobenzene
Concen: 34.21 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	3.2	43.2
105	22.9	2.9	42.9
51	24.2	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: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 714578

Ion Ratio Lower Upper

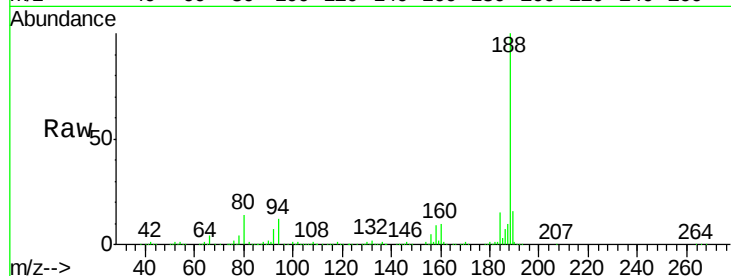
188 100

94 12.1 8.2 12.2

80 13.6 8.8 13.2#

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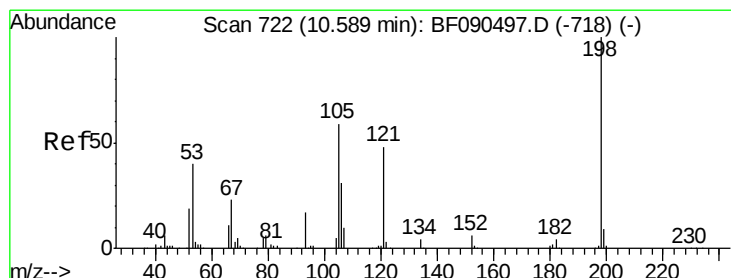
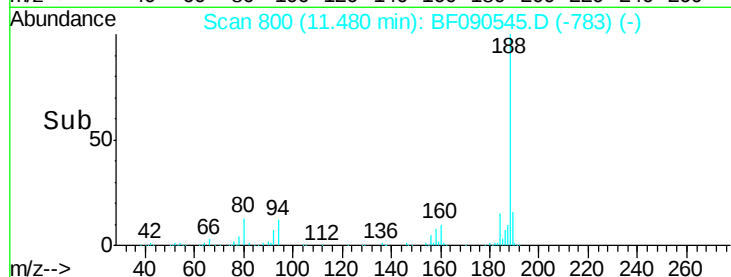
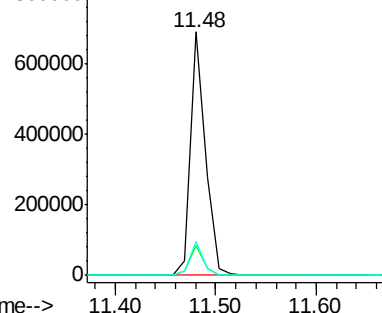
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.99 ng

RT: 10.59 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

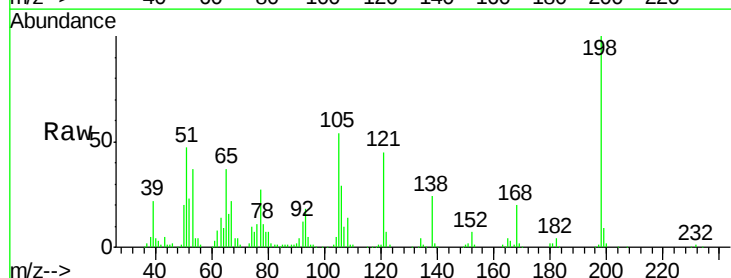
Tgt Ion:198 Resp: 157466

Ion Ratio Lower Upper

198 100

51 46.6 67.3 107.3#

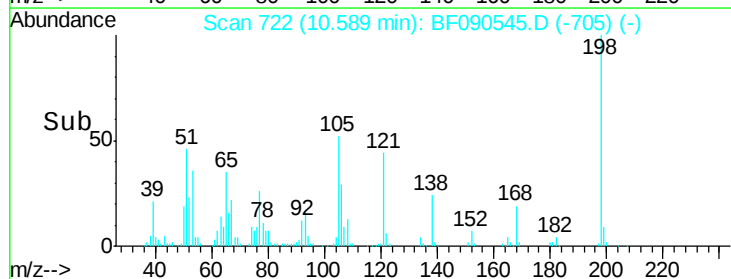
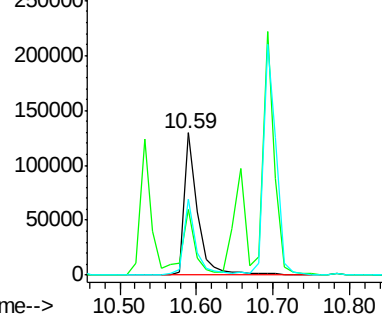
105 53.5 42.6 82.6

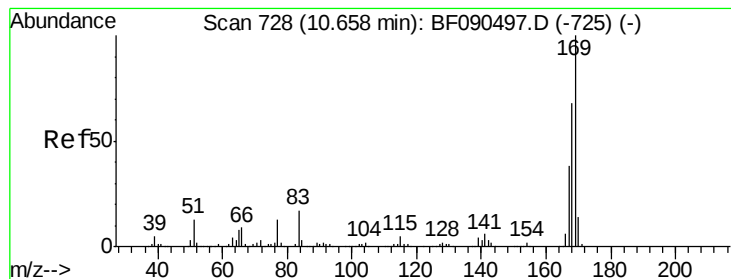


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.58 ng

RT: 10.66 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 943033

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

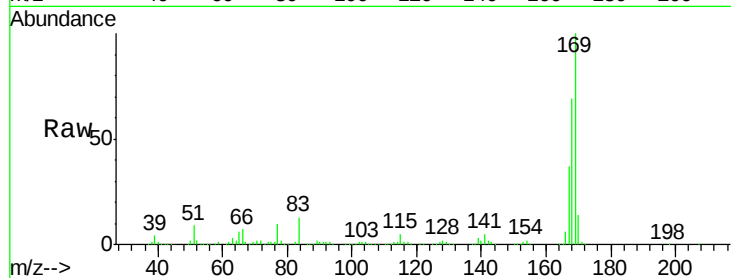
167 37.4 29.8 44.8

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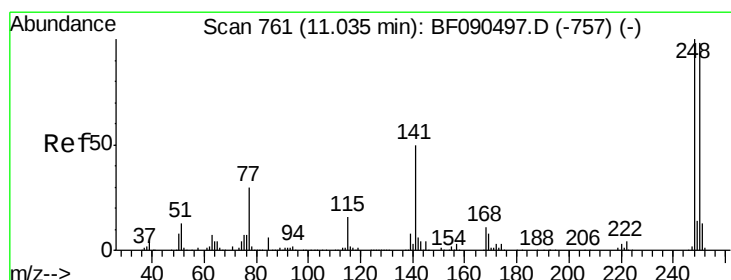
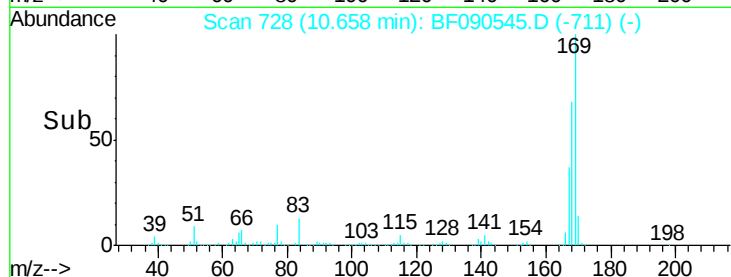
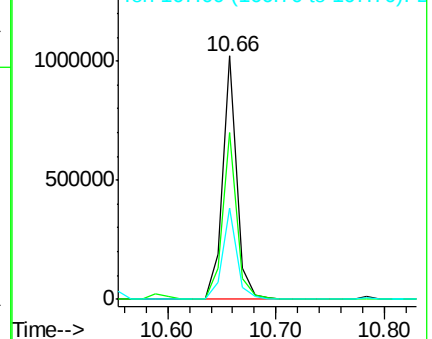
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.19 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

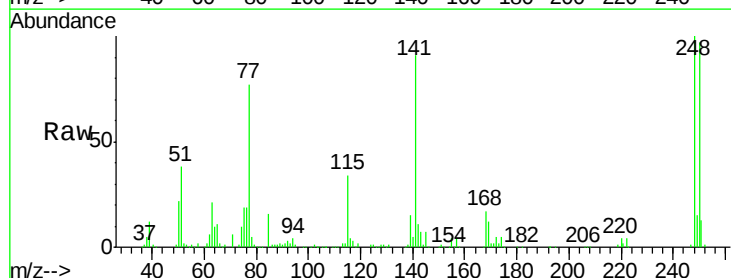
Tgt Ion:248 Resp: 302394

Ion Ratio Lower Upper

248 100

250 97.4 76.5 114.7

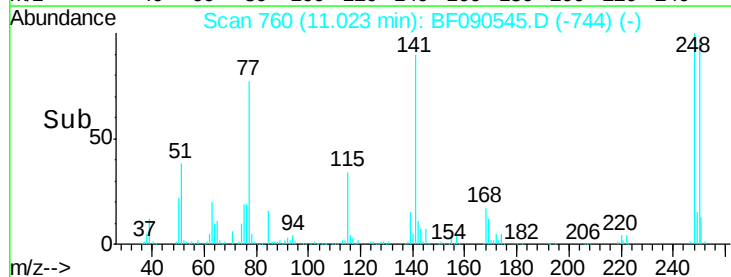
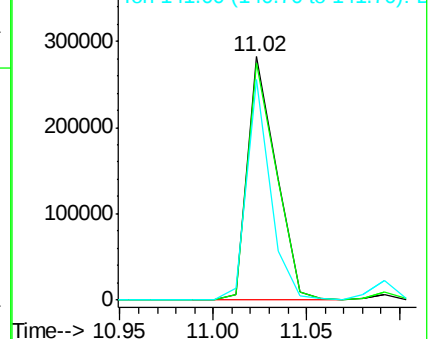
141 90.7 59.8 89.6#

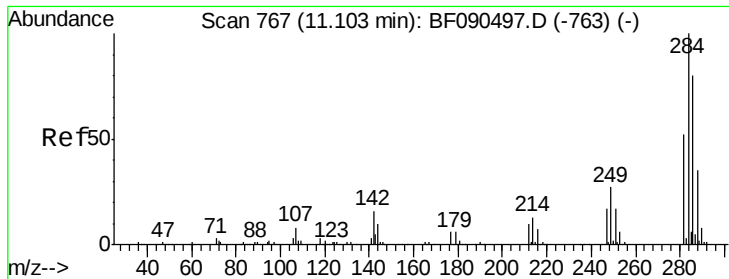


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.38 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

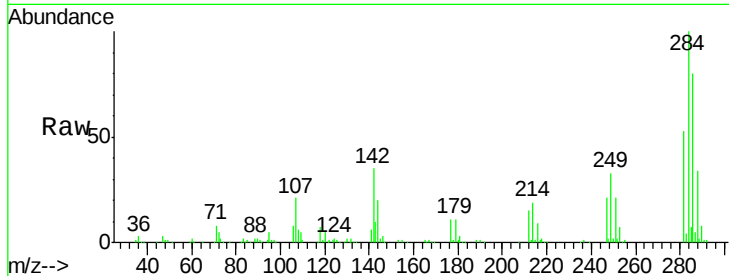
ClientSampleId :

SSTDCCC040EC

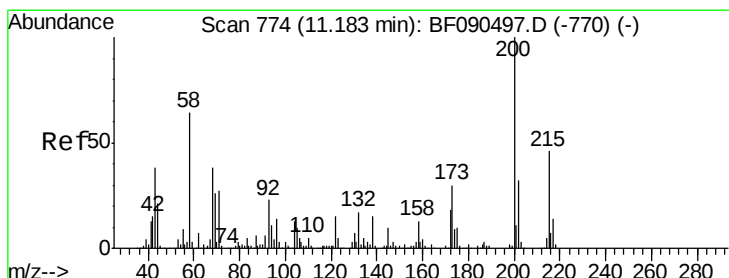
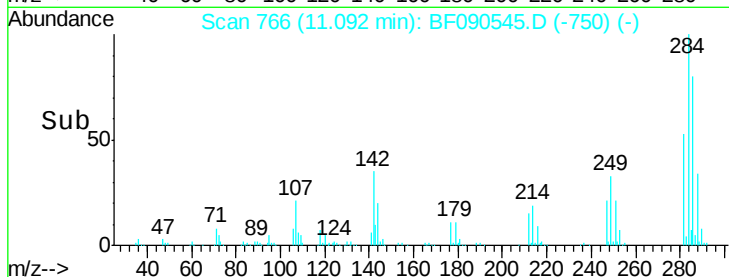
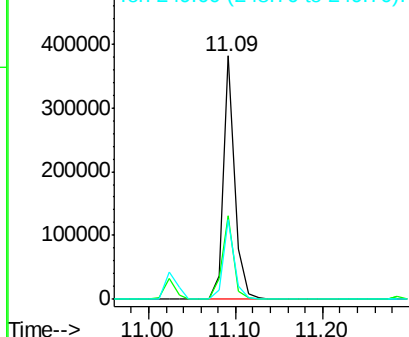
Tot Ion:	284	Resp:	353222
Ion Ratio	Lower	Upper	
284	100		
142	34.6	23.1	34.7
249	32.7	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.51 ng

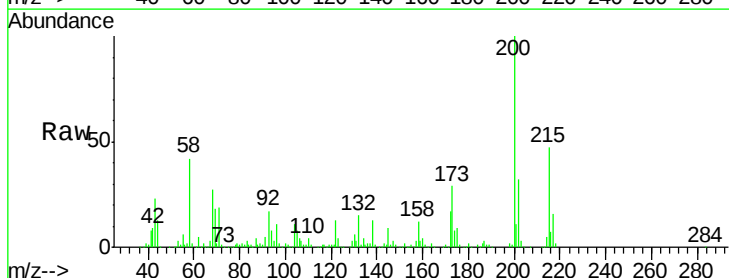
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

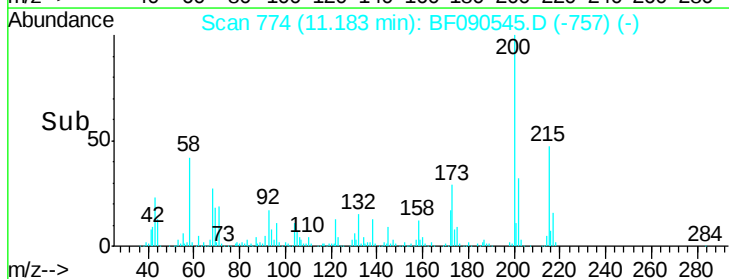
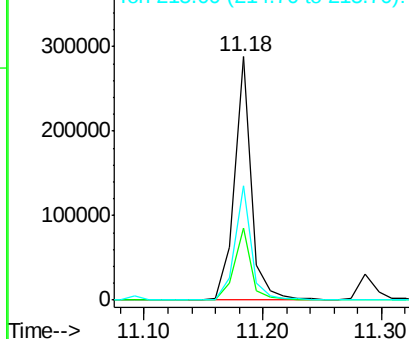
Lab File: BF090545.D

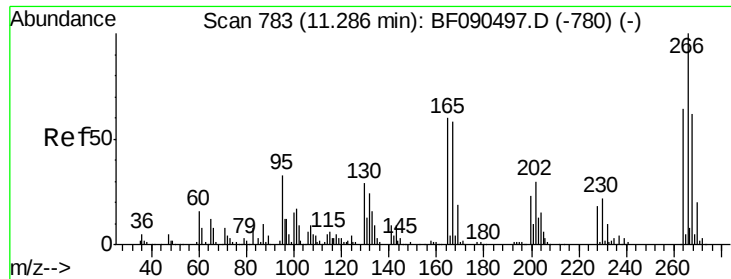
Acq: 12 Oct 2016 19:43

Tgt Ion:	200	Resp:	284153
Ion Ratio	Lower	Upper	
200	100		
173	29.5	9.0	49.0
215	46.9	24.8	64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





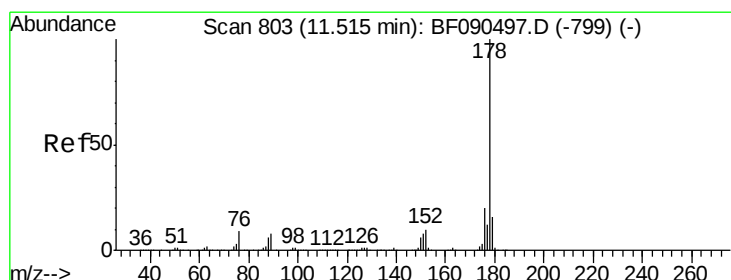
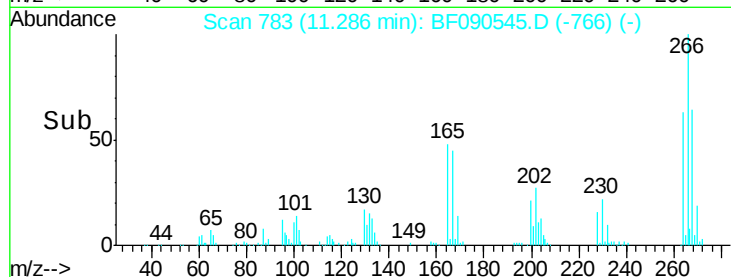
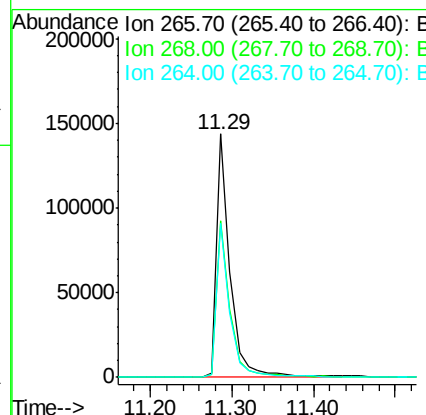
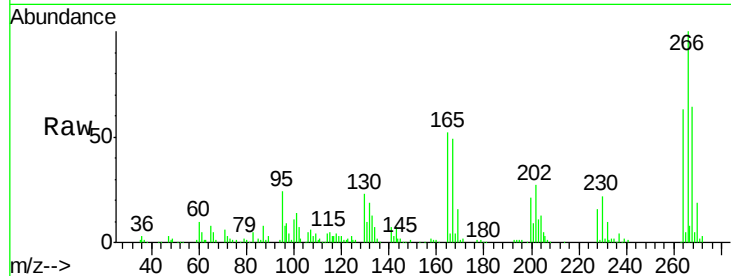
#69
 Pentachlorophenol
 Concen: 32.55 ng
 RT: 11.29 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169391		
268	64.2	50.9	76.3	
264	63.0	51.5	77.3	

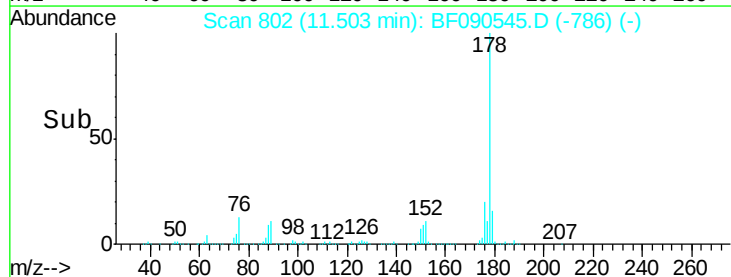
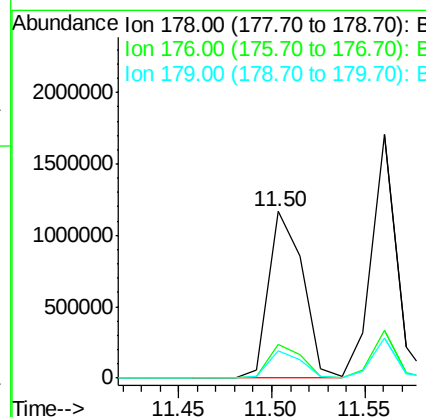
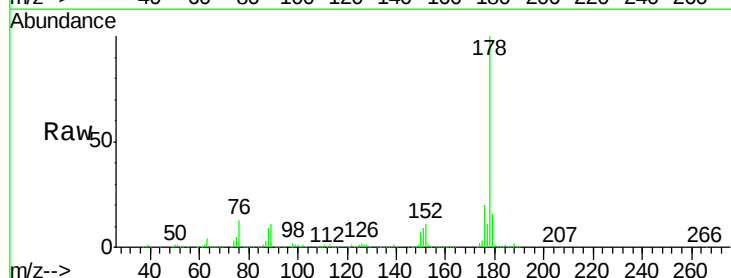
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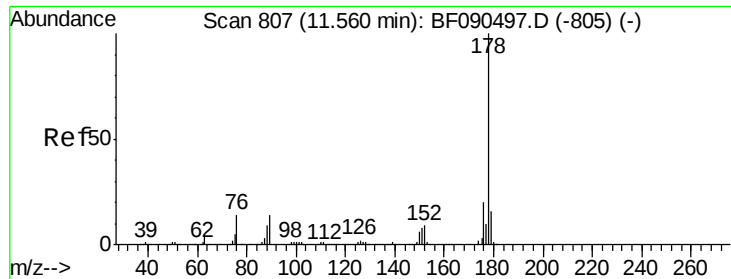
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#70
 Phenanthrene
 Concen: 37.49 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1476395		
176	19.9	17.3	25.9	
179	16.2	13.8	20.6	





#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

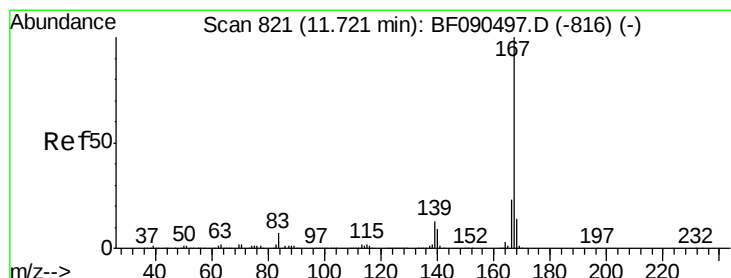
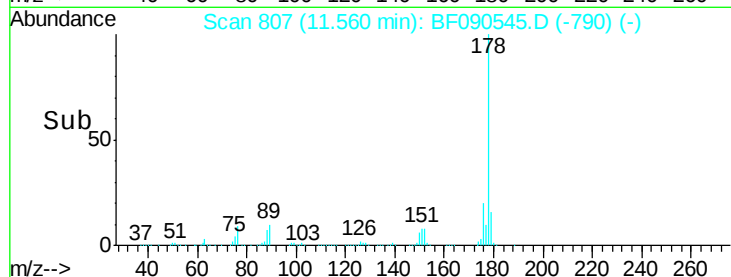
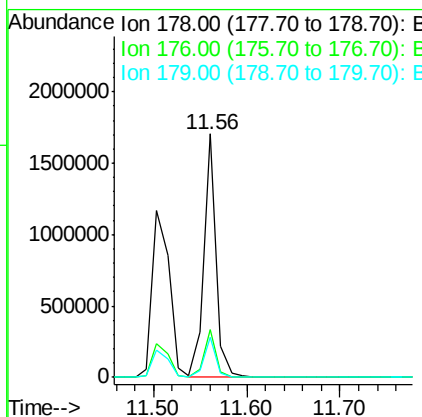
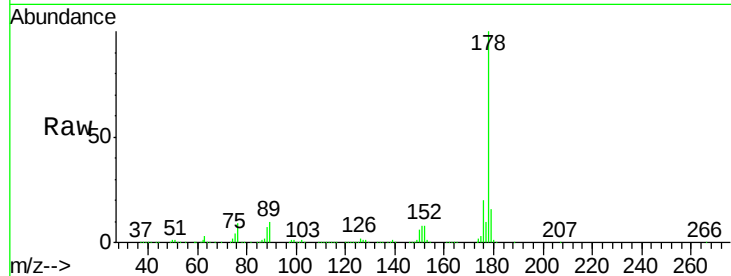
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1570925

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	16.3	13.4	20.2

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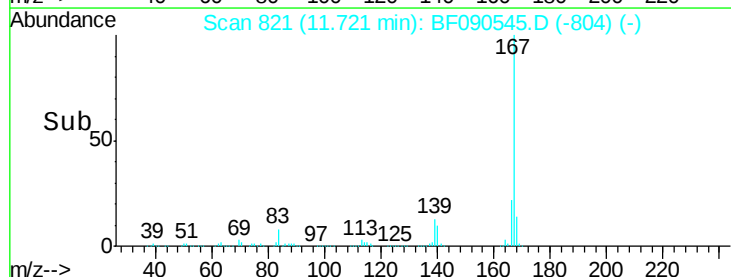
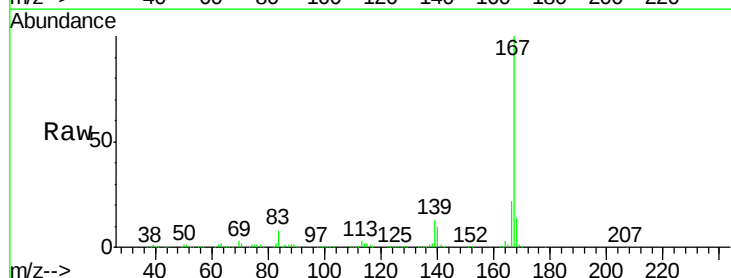
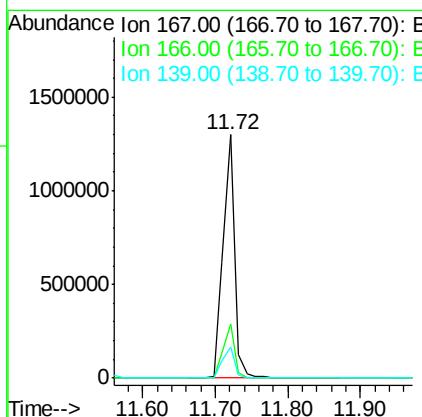
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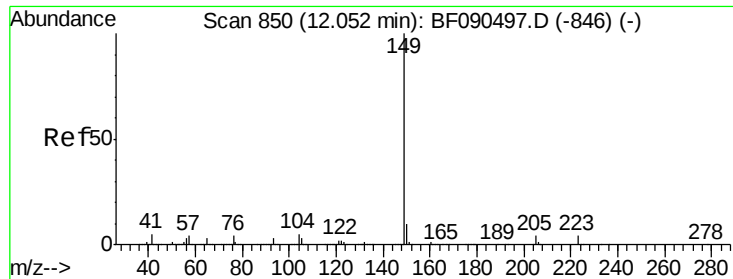


#72
 Carbazole
 Concen: 38.29 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:167 Resp: 1442748

Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.1	28.7
139	13.0	12.1	18.1





#73

Di-n-butylphthalate

Concen: 36.03 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1634964

Ion Ratio Lower Upper

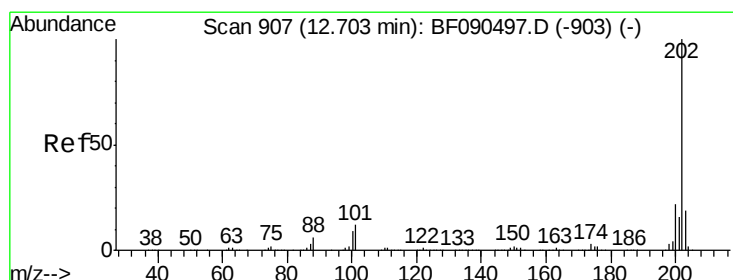
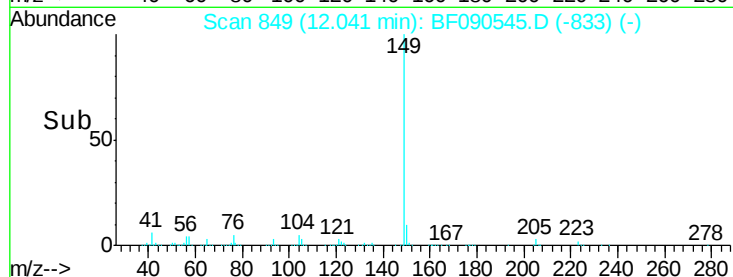
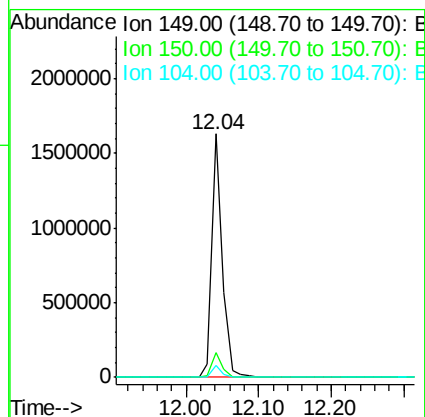
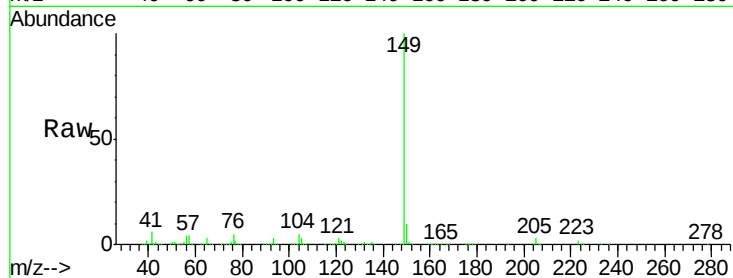
149 100

150 9.9 8.6 12.8

104 5.0 4.7 7.1

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#74

Fluoranthene

Concen: 37.19 ng

RT: 12.69 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

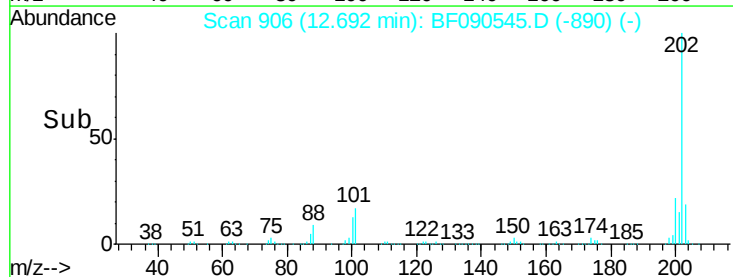
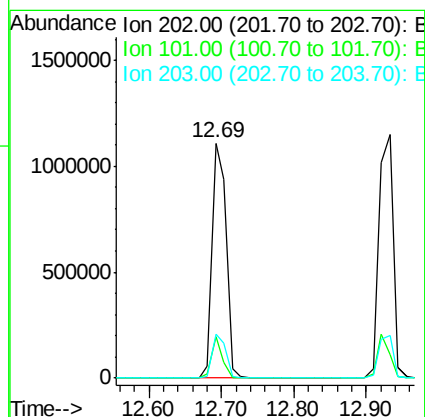
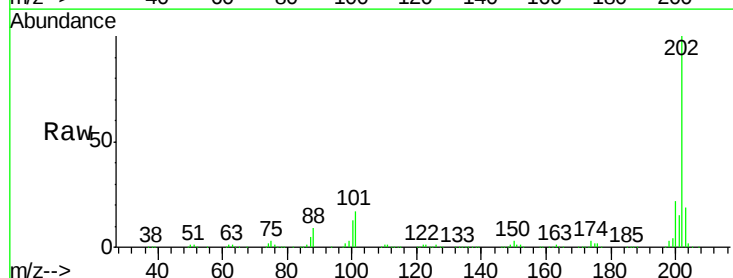
Tgt Ion:202 Resp: 1494936

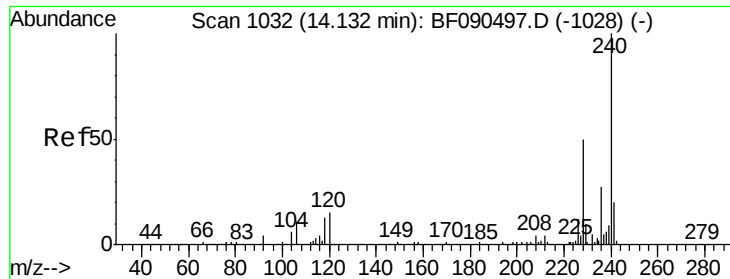
Ion Ratio Lower Upper

202 100

101 17.3 0.0 37.2

203 18.6 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: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

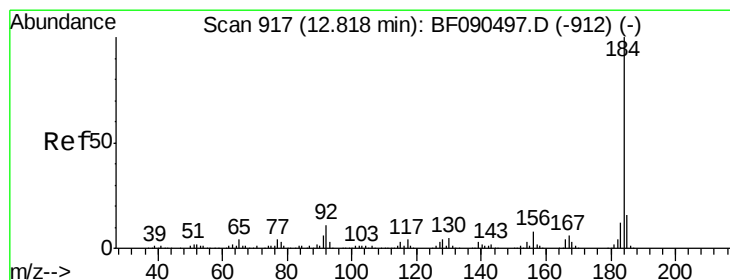
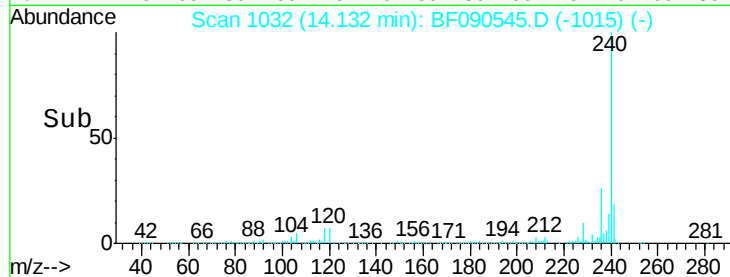
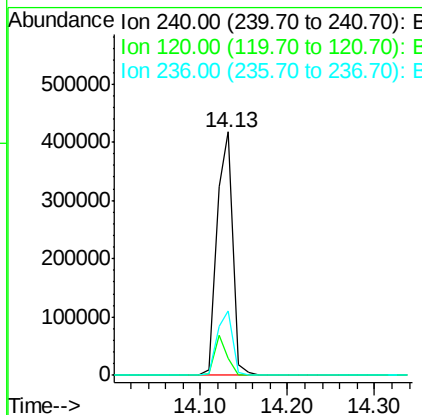
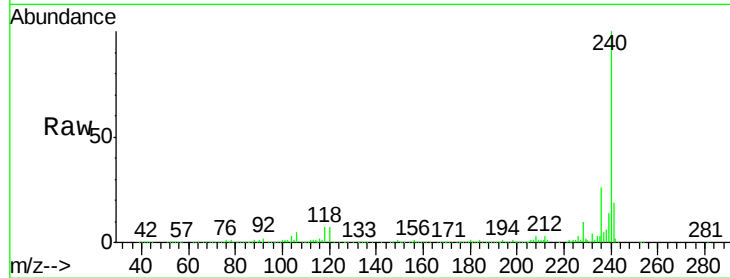
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.6	13.0#
236	26.2	21.6	32.4

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#76

Benzidine

Concen: 31.98 ng

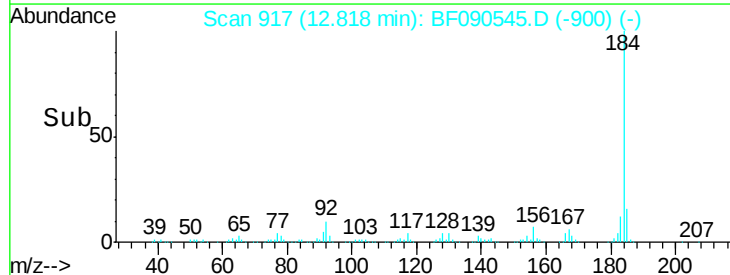
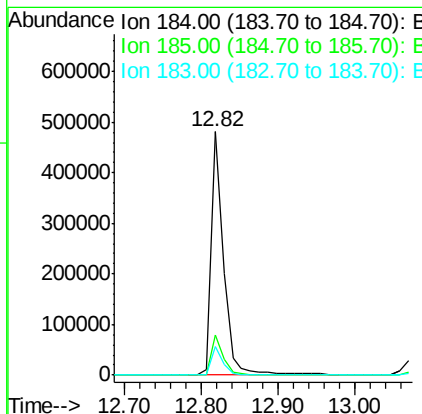
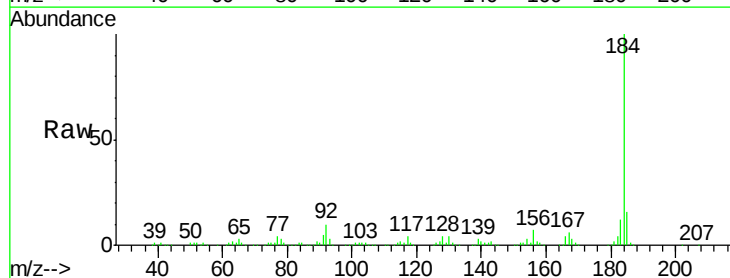
RT: 12.82 min Scan# 917

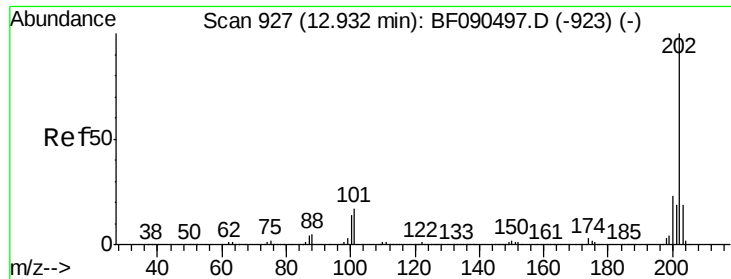
Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.8	17.8
183	11.8	9.6	14.4





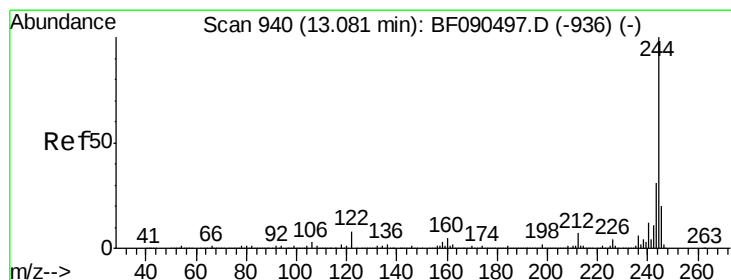
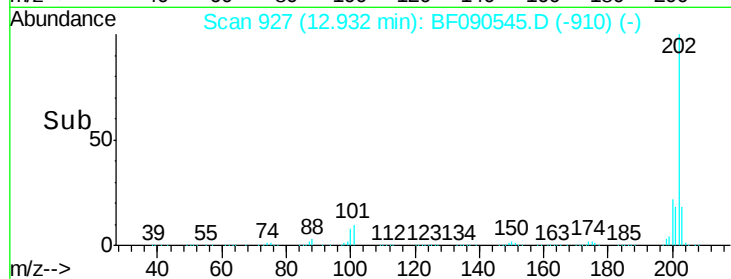
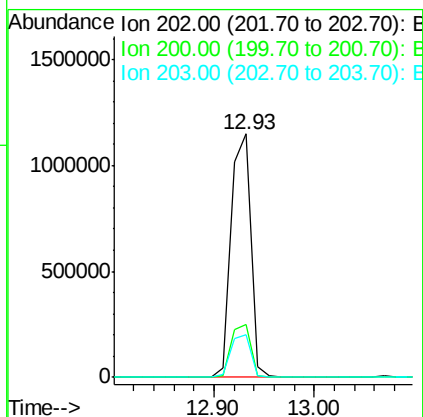
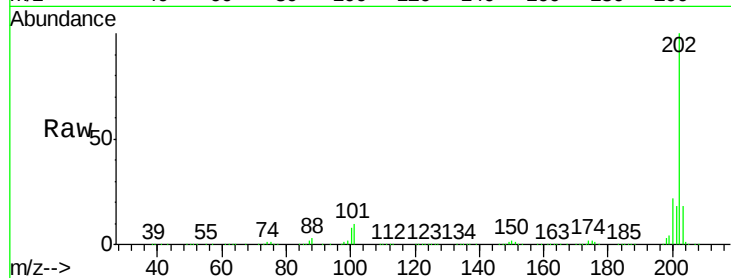
#77
Pvrene
Concen: 46.74 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.5	27.7
203	17.6	15.0	22.6

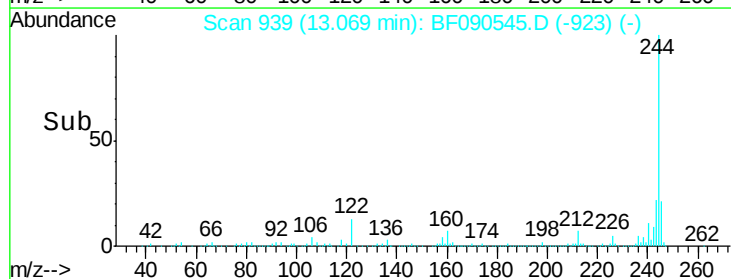
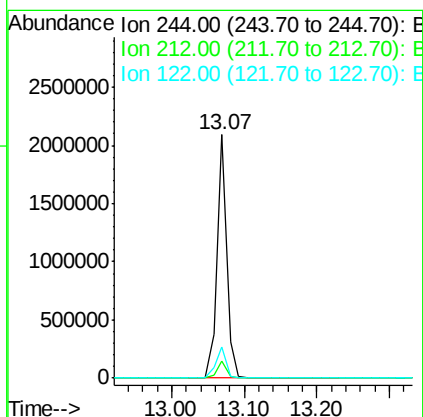
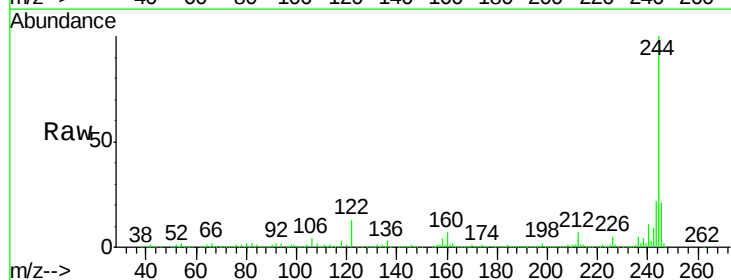
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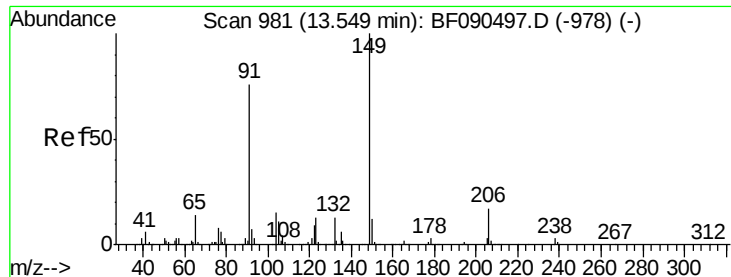
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#78
Terphenyl-d14
Concen: 88.25 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	12.9	13.3	19.9#





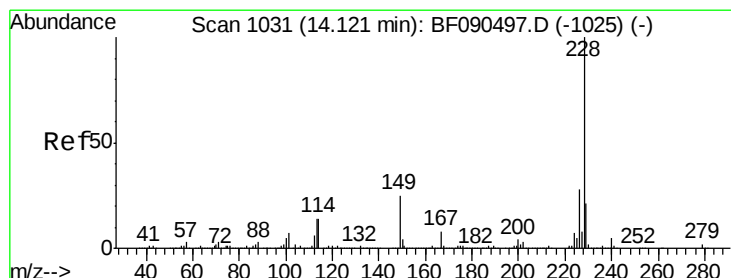
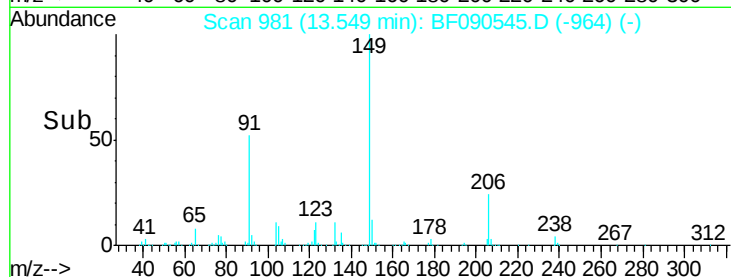
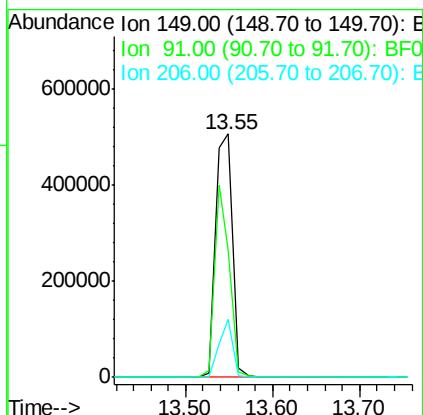
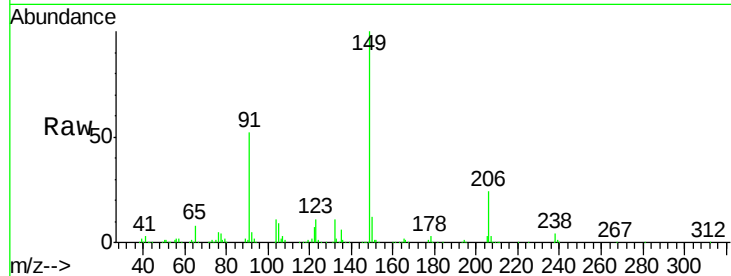
#79
Butylbenzylphthalate
Concen: 44.91 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	52.5	51.8	77.8
206	23.7	18.0	27.0

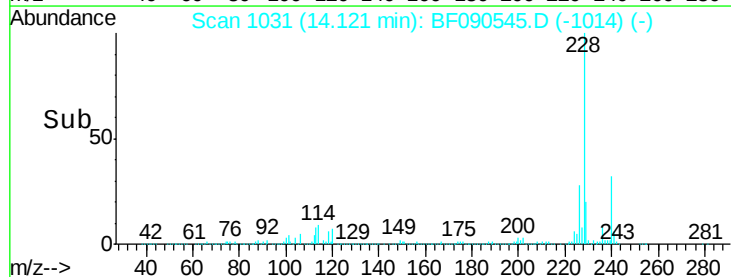
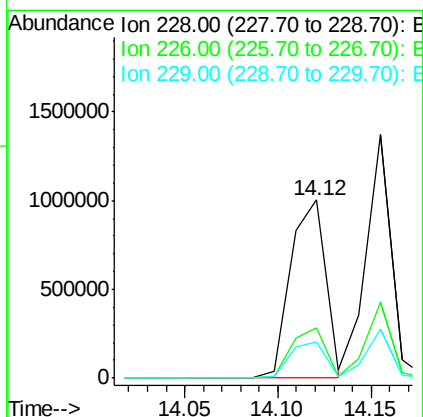
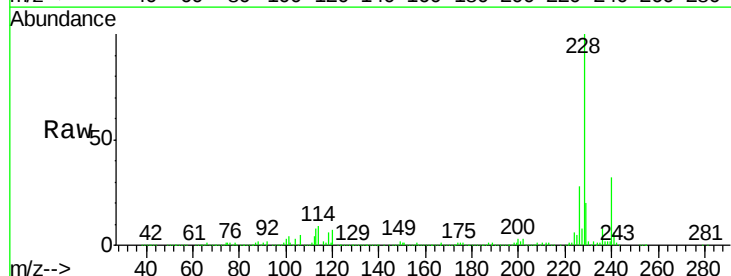
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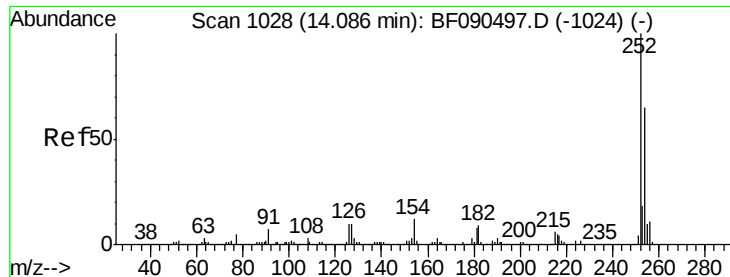
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#80
Benzo(a)anthracene
Concen: 41.51 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.6	35.4
229	20.2	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 38.54 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

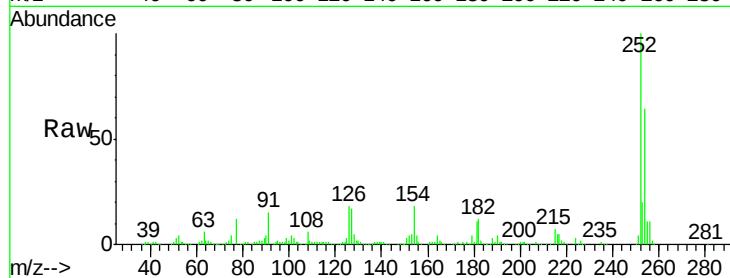
SSTDCCC040EC

Tot Ion:252 Resp: 440747
Ion Ratio Lower Upper

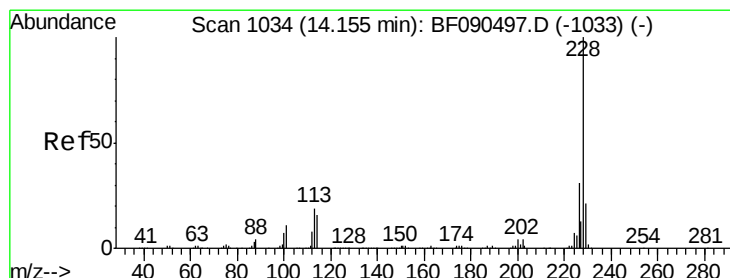
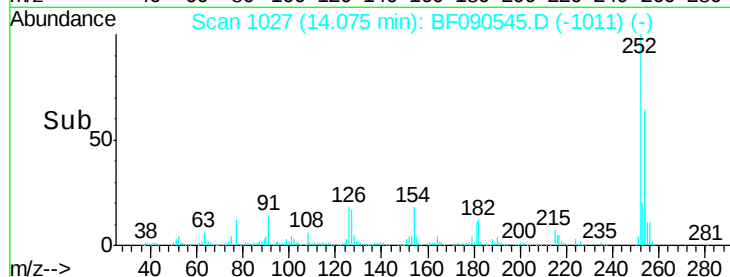
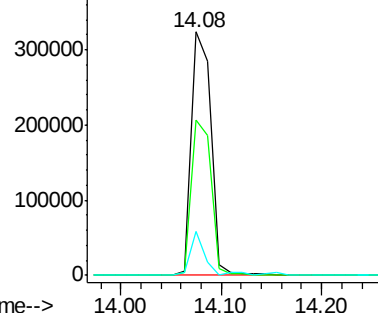
252	100		
254	63.7	52.1	78.1
126	17.9	4.2	6.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.18 ng

RT: 14.16 min Scan# 1034

Delta R.T. 0.00 min

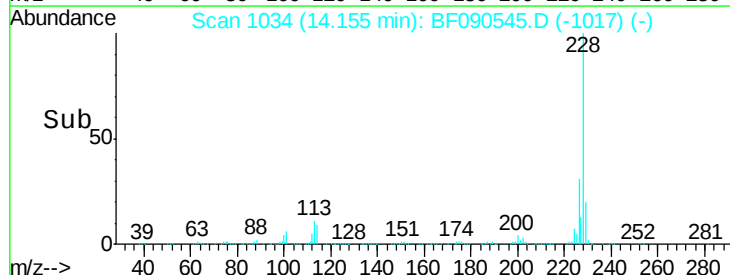
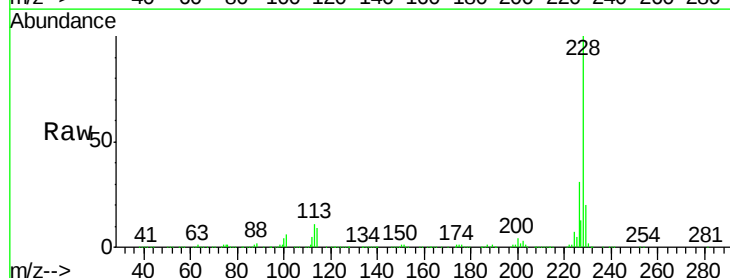
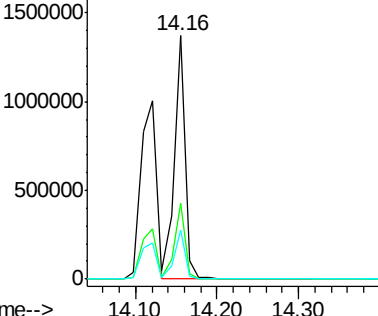
Lab File: BF090545.D

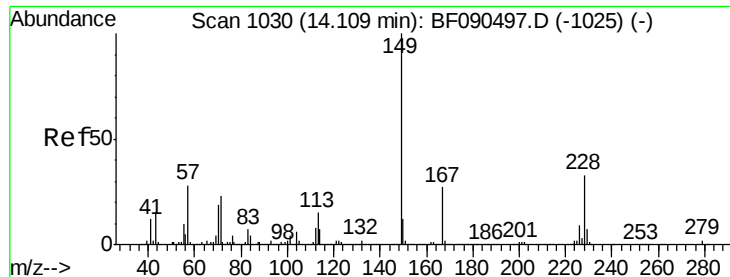
Acq: 12 Oct 2016 19:43

Tgt Ion:228 Resp: 1277017
Ion Ratio Lower Upper

228	100		
226	31.1	25.8	38.6
229	20.4	16.9	25.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.30 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

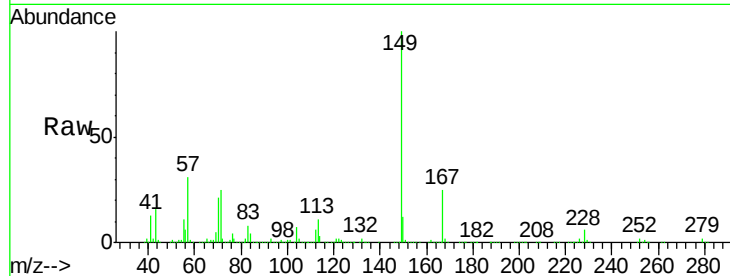
ClientSampleId :

SSTDCCC040EC

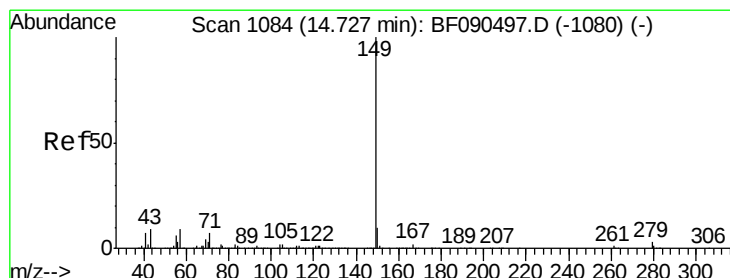
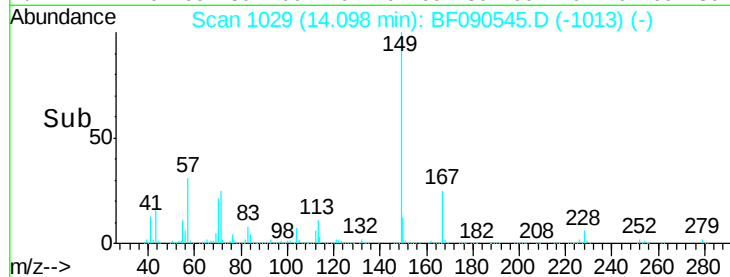
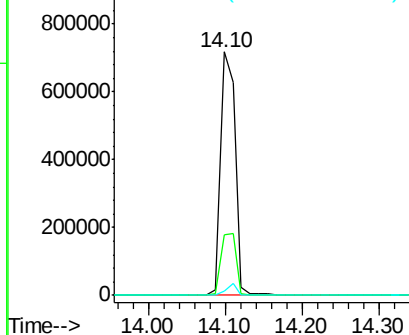
Tot Ion:	149	Resp:	964335
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.5	32.3
279	1.9	2.6	3.8#

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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: 40.58 ng

RT: 14.72 min Scan# 1083

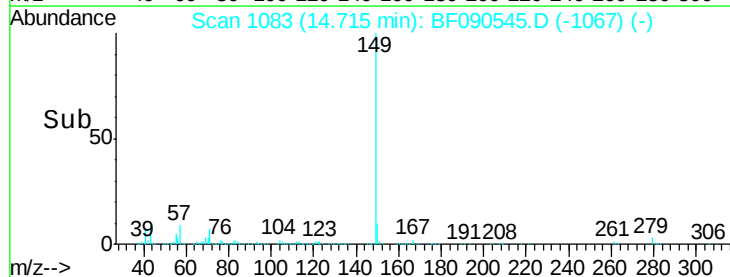
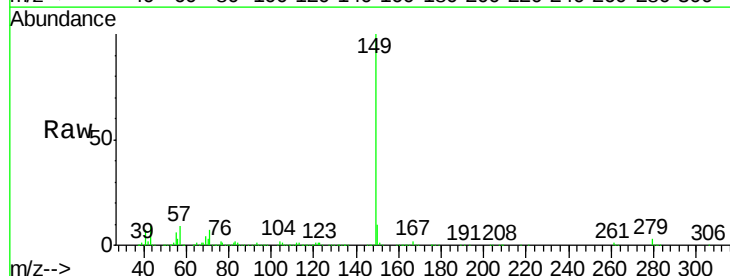
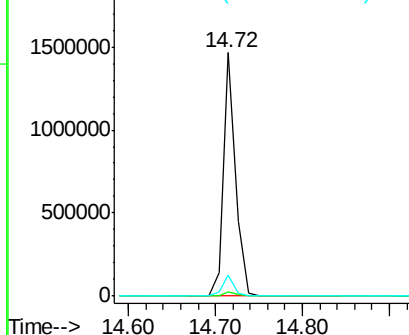
Delta R.T. -0.01 min

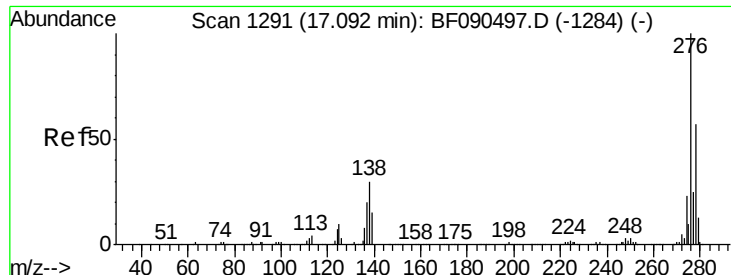
Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:	149	Resp:	1432685
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.4	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





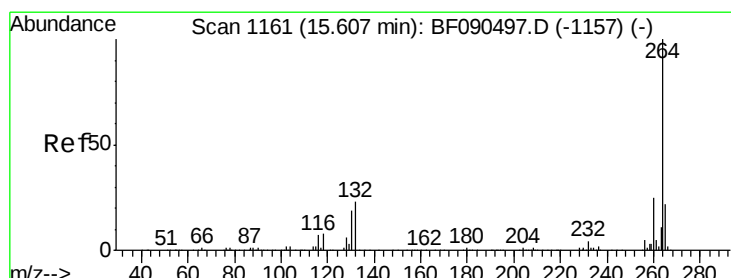
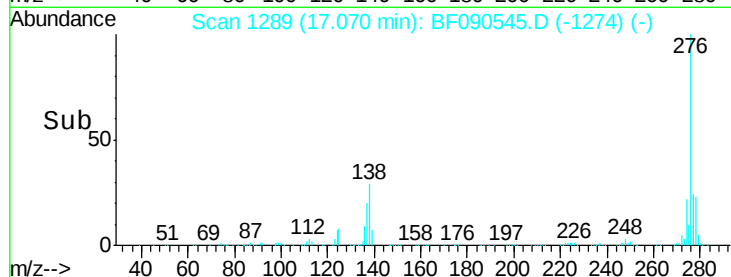
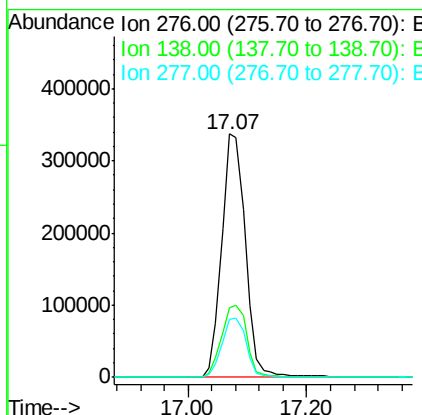
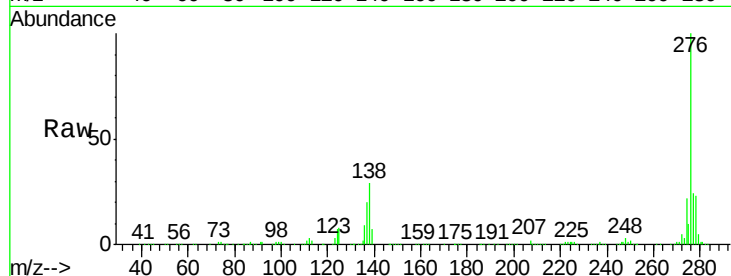
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.02 ng
RT: 17.07 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	23.8	35.8
277	25.1	20.4	30.6

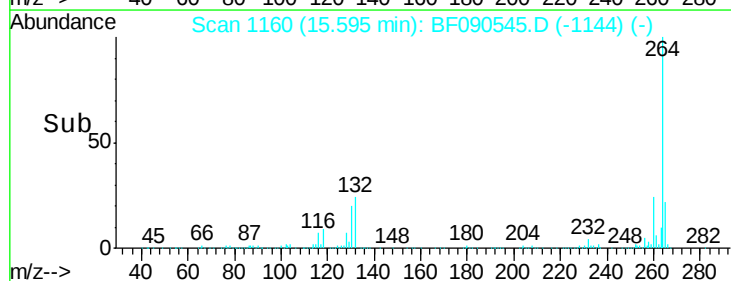
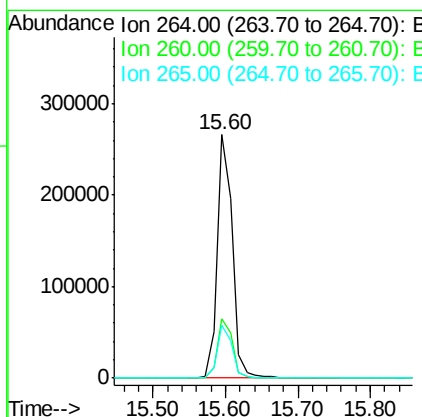
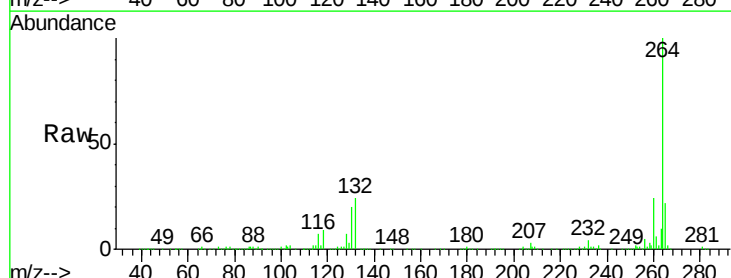
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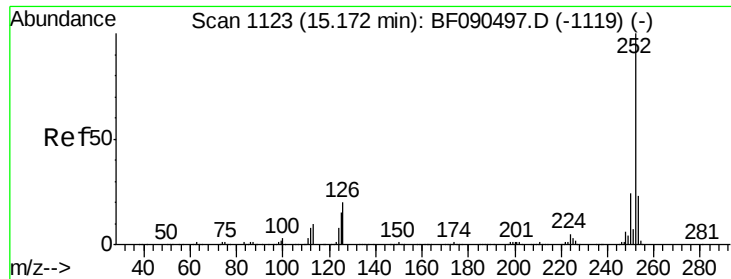
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.8	17.4	26.0





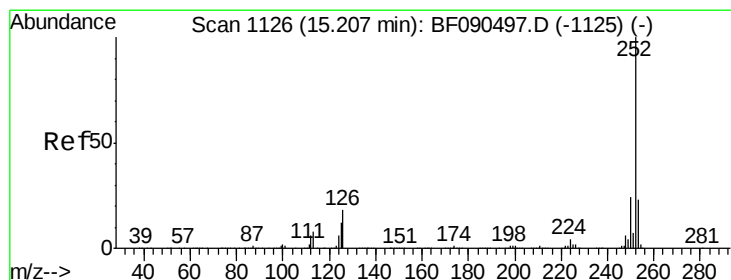
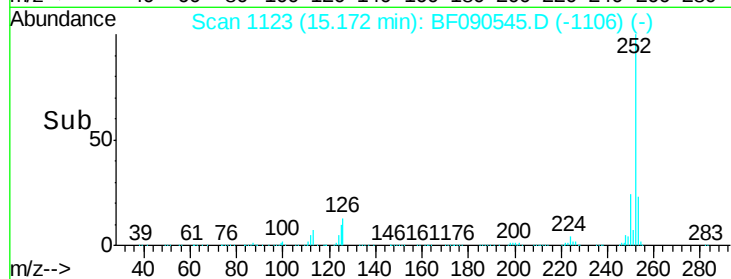
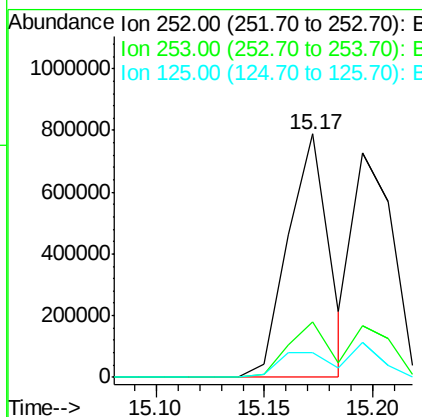
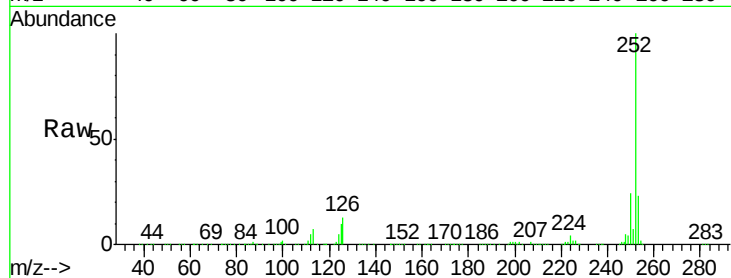
#87
Benzo(b)fluoranthene
Concen: 40.91 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.3	7.0	10.4

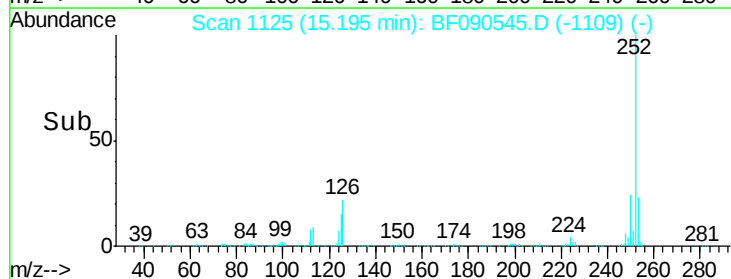
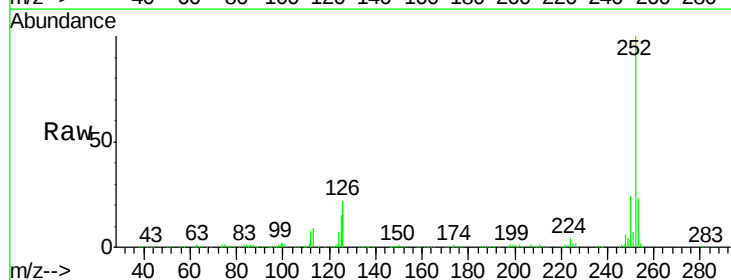
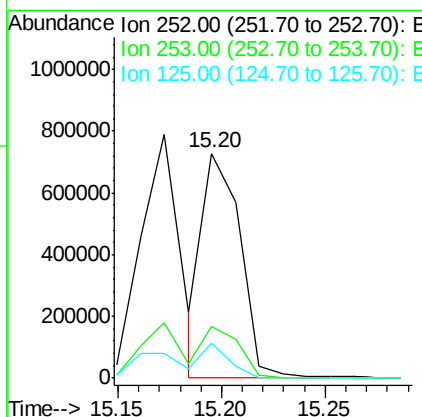
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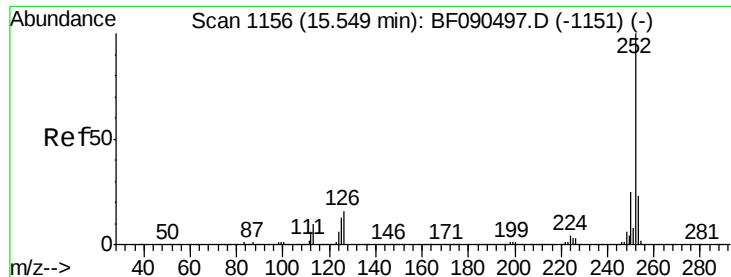
sohil
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#88
Benzo(k)fluoranthene
Concen: 41.66 ng m
RT: 15.20 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	15.3	11.7	17.5





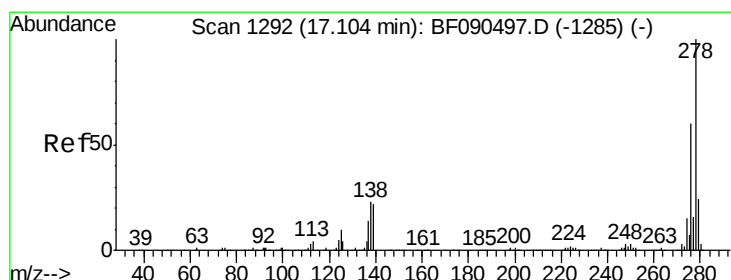
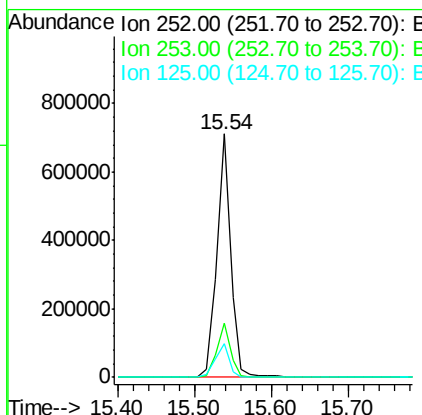
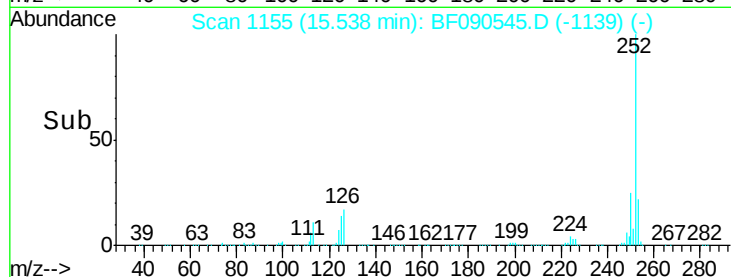
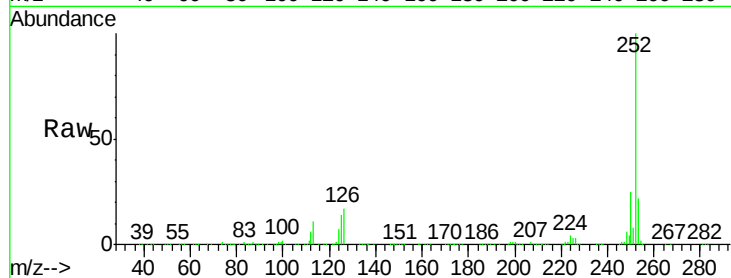
#89
Benzo(a)pyrene
Concen: 40.48 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.6	9.8	14.8

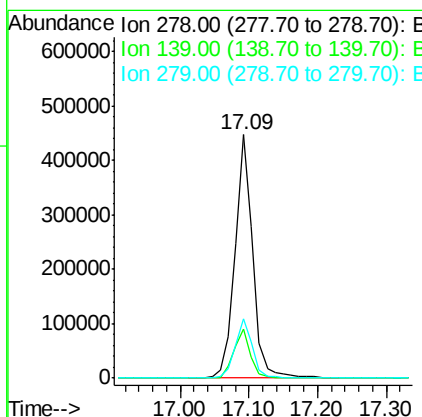
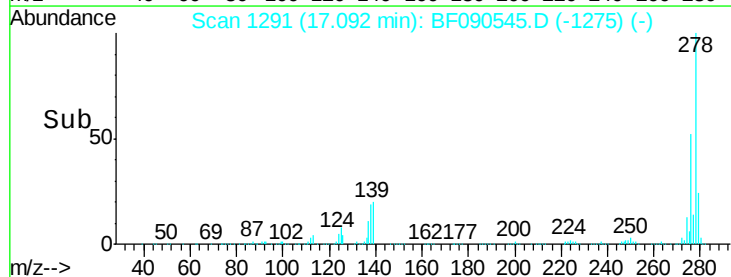
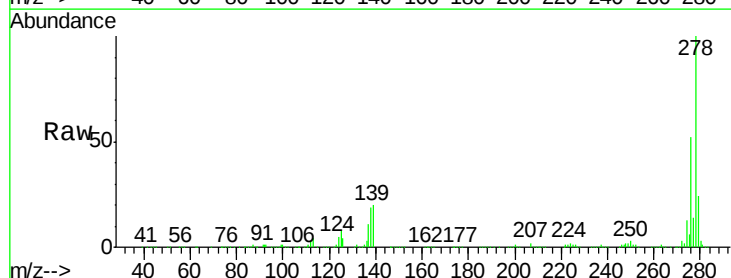
Manual Integrations
APPROVED

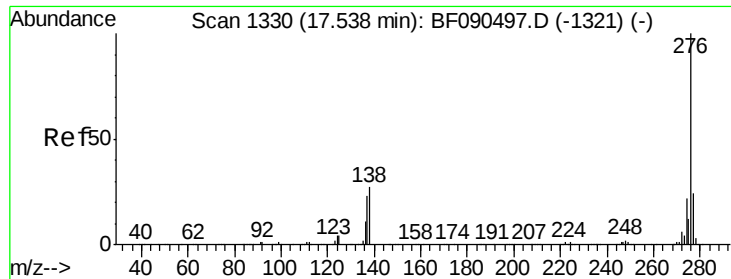
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.21 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.8	19.2#
279	24.2	19.6	29.4





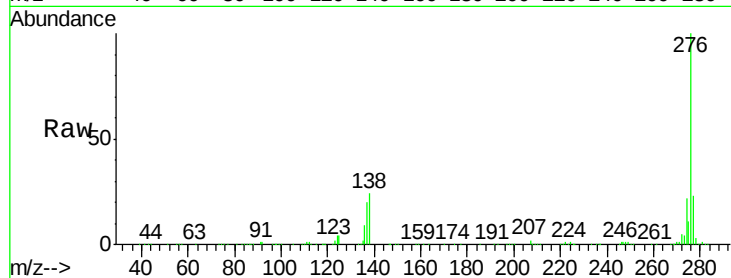
#91
 Benzo(a,h,i)perylene
 Concen: 46.35 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	805426
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.4	29.0
138	23.6	20.8	31.2

Manual Integrations
 APPROVED

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 10/13/2016 2:04:14 PM



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

