

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090709.D
 Acq On : 21 Oct 2016 13:14
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Oct 21 17:21:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 14:20:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244252	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1001100	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	507713	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	745134	20.00	ng	0.00
75) Chrysene-d12	14.03	240	510653	20.00	ng	0.01
86) Perylene-d12	15.46	264	328045	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2139908	125.24	ng	0.01
7) Phenol-d6	6.51	99	2813045	140.57	ng	0.01
23) Nitrobenzene-d5	7.43	82	2606177	161.11	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	732733	189.83	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.98	244	3284671	128.26	ng	0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	621657	94.00	ng	85
3) Pyridine	3.23	79	1587073	93.02	ng	# 79
4) n-Nitrosodimethylamine	3.21	42	592814	78.37	ng	85
6) Aniline	6.53	93	1746025	71.17	ng	# 43
8) 2-Chlorophenol	6.66	128	1298553	71.27	ng	97
10) Phenol	6.52	94	1503035	71.67	ng	# 29
11) bis(2-Chloroethyl)ether	6.60	93	1372823	83.63	ng	98
12) 1,3-Dichlorobenzene	6.81	146	1383940	70.34	ng	# 94
13) 1,4-Dichlorobenzene	6.87	146	1355515	66.99	ng	# 88
14) 1,2-Dichlorobenzene	7.03	146	1188666	63.18	ng	# 91
15) Benzyl Alcohol	7.01	79	915217	85.50	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1901248	60.49	ng	73
17) 2-Methylphenol	7.13	107	1019152	79.80	ng	# 81
18) Hexachloroethane	7.38	117	564769	88.83	ng	# 77
20) 3+4-Methylphenols	7.29	107	1005940	59.35	ng	# 65
22) Acetophenone	7.29	105	1559275	63.42	ng	# 81
24) Nitrobenzene	7.46	77	1558086	100.57	ng	# 72
25) Isophorone	7.70	82	2622487	85.66	ng	# 88
26) 2-Nitrophenol	7.77	139	674989	67.56	ng	# 61
27) 2,4-Dimethylphenol	7.81	122	1108677	62.38	ng	# 81
28) bis(2-Chloroethoxy)methane	7.90	93	1422905	69.25	ng	# 95
29) 2,4-Dichlorophenol	8.02	162	979691	69.99	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	1103910	73.26	ng	# 95
31) Naphthalene	8.18	128	3477573	60.12	ng	96
32) Benzoic acid	7.98	122	891450	76.50	ng	# 55
33) 4-Chloroaniline	8.22	127	1467459	66.08	ng	# 87
34) Hexachlorobutadiene	8.29	225	668033	104.99	ng	99
35) Caprolactam	8.63	113	328353m	65.23	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1095180	87.44	ng	# 82
37) 2-Methylnaphthalene	8.86	142	2129948	61.39	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	1119799	78.54	ng	98
40) Hexachlorocyclopentadiene	9.01	237	541049	65.11	ng	94
42) 2,4,6-Trichlorophenol	9.15	196	698526	74.34	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	680350	69.49	ng	# 89

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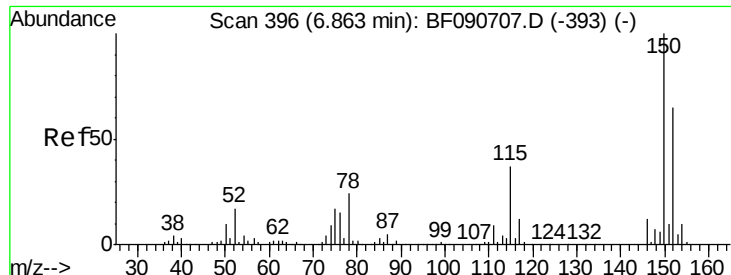
Instrument :
 BNA_F
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.33	154	2716665	55.25	nq	90
46) 2-Chloronaphthalene	9.35	162	2073201	62.23	nq	# 88
47) 2-Nitroaniline	9.45	65	753281	85.91	nq	# 66
48) Acenaphthylene	9.77	152	2826268	47.98	nq	# 93
49) Dimethylphthalate	9.64	163	2381241	69.80	nq	# 97
50) 2,6-Dinitrotoluene	9.70	165	535259	67.08	nq	# 64
51) Acenaphthene	9.94	154	1958182	53.78	nq	89
52) 3-Nitroaniline	9.87	138	592451	59.68	nq	# 60
53) 2,4-Dinitrophenol	9.97	184	313473	71.67	nq	# 69
54) Dibenzofuran	10.11	168	2426667	52.71	nq	# 81
55) 4-Nitrophenol	10.03	139	379489	47.56	nq	# 33
56) 2,4-Dinitrotoluene	10.10	165	629372	64.13	nq	# 65
57) Fluorene	10.45	166	1835272	45.46	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.23	232	577814	78.57	nq	95
59) Diethylphthalate	10.34	149	2466643	72.12	nq	95
60) 4-Chlorophenyl-phenylether	10.44	204	998554	62.58	nq	# 78
61) 4-Nitroaniline	10.50	138	630132	63.17	nq	# 60
62) Azobenzene	10.60	77	2586840	82.61	nq	85
64) 4,6-Dinitro-2-methylphenol	10.51	198	380656	85.04	nq	87
65) n-Nitrosodiphenylamine	10.57	169	1736715	63.21	nq	89
66) 4-Bromophenyl-phenylether	10.93	248	582749	84.54	nq	# 91
67) Hexachlorobenzene	11.00	284	685947	92.37	nq	# 92
68) Atrazine	11.09	200	528738	83.67	nq	84
69) Pentachlorophenol	11.19	266	424835	90.20	nq	99
70) Phenanthrene	11.41	178	2587062	56.28	nq	# 92
71) Anthracene	11.47	178	3163900	69.44	nq	# 93
72) Carbazole	11.62	167	2526668	60.08	nq	# 90
73) Di-n-butylphthalate	11.95	149	2901364	57.79	nq	# 94
74) Fluoranthene	12.60	202	2730433	69.67	nq	93
76) Benzidine	12.73	184	775146	63.75	nq	# 93
77) Pyrene	12.83	202	2711451	66.89	nq	# 91
79) Butylbenzylphthalate	13.45	149	1327329	71.34	nq	# 87
80) Benzo(a)anthracene	14.02	228	2070947	67.38	nq	93
81) 3,3'-Dichlorobenzidine	13.98	252	752153	79.94	nq	# 94
82) Chrysene	14.05	228	2015066m	67.50	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1592147	60.36	nq	# 97
84) Di-n-octyl phthalate	14.61	149	2492800	63.19	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.88	276	1689150	67.64	nq	# 94
87) Benzo(b)fluoranthene	15.05	252	1598154m	78.14	nq	
88) Benzo(k)fluoranthene	15.08	252	1774201m	84.64	nq	
89) Benzo(a)pyrene	15.40	252	1524686	79.48	nq	# 91
90) Dibenzo(a,h)anthracene	16.90	278	1494989	89.93	nq	# 81
91) Benzo(g,h,i)perylene	17.31	276	1378882	81.30	nq	# 79

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



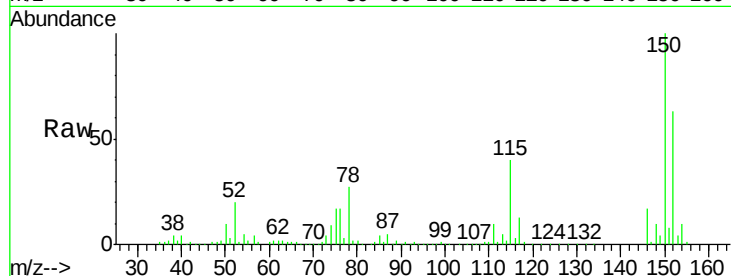
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

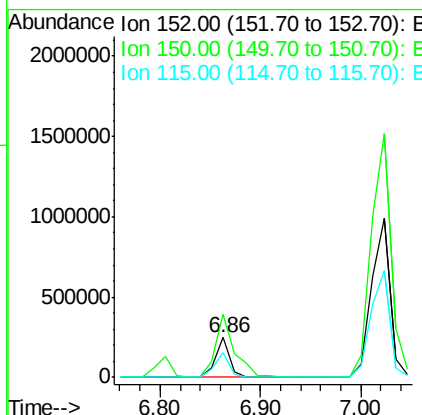
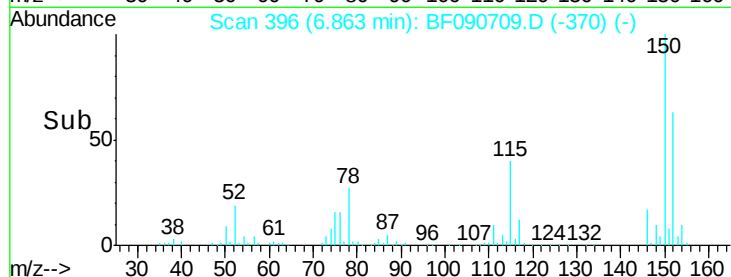
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	63.1	39.0	58.4

Manual Integrations
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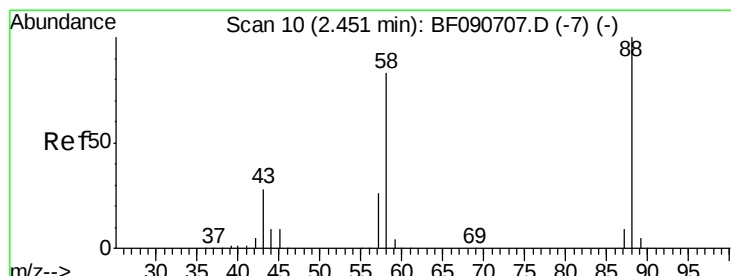


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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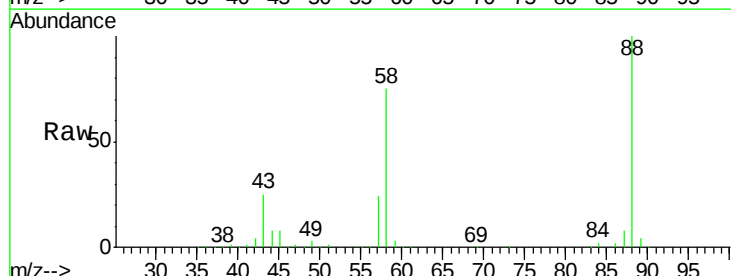
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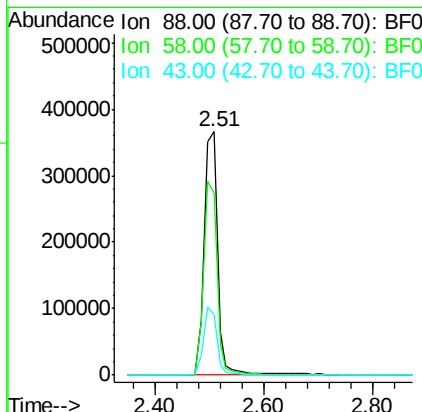
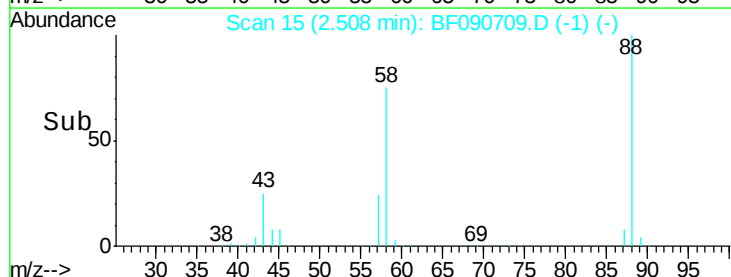
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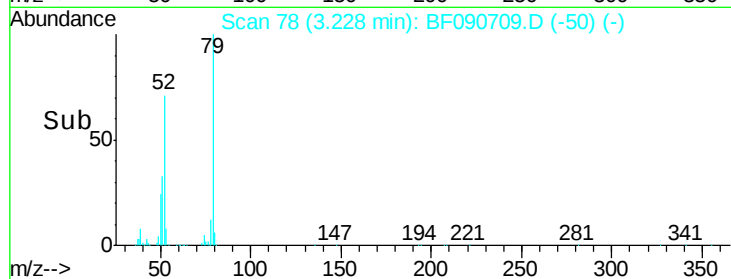
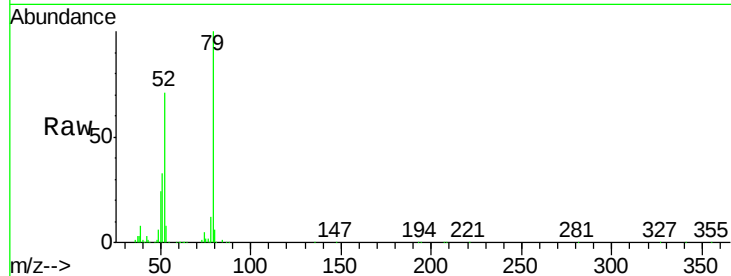
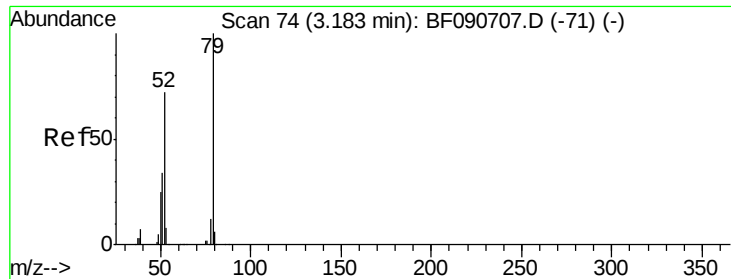
1,4-Dioxane
Concen: 94.00 ng
RT: 2.51 min Scan# 15
Delta R.T. 0.02 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	77.7	116.5
43	27.4	26.6	40.0



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



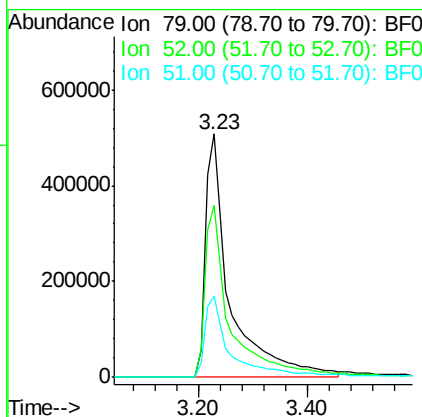


#3
 Pvrindine
 Concen: 93.02 ng
 RT: 3.23 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tot Ion: 79 Resp: 1587073
 Ion Ratio Lower Upper
 79 100
 52 70.7 76.8 115.2#
 51 33.4 32.2 48.4

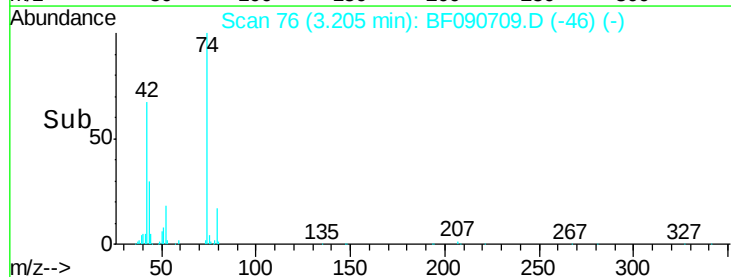
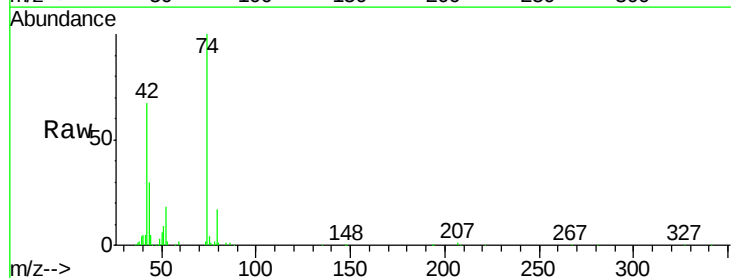
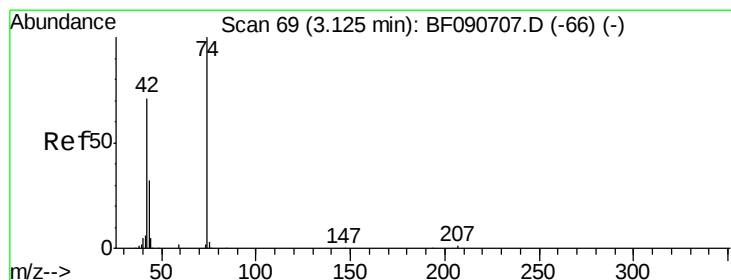
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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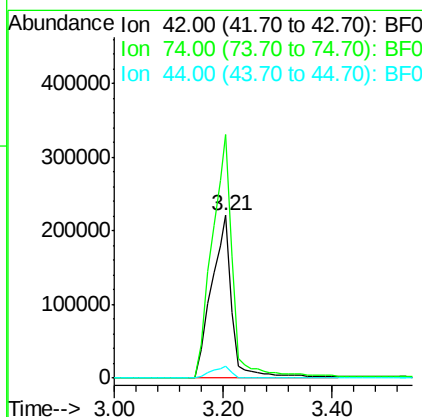
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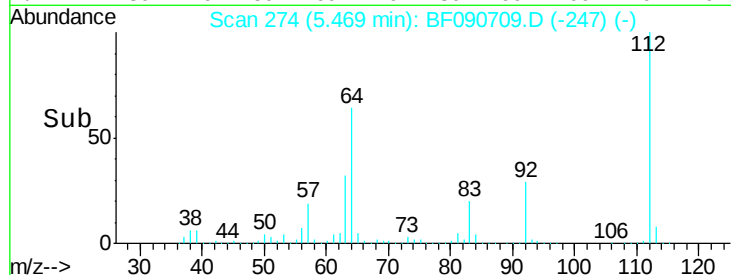
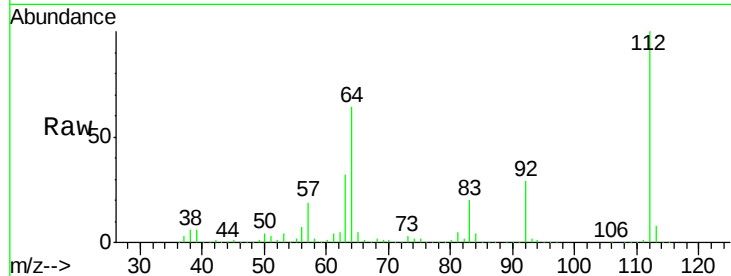
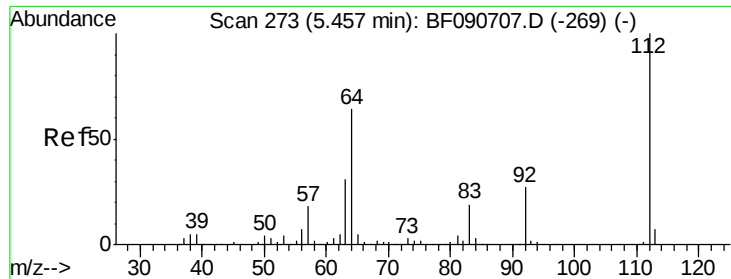
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#4
 n-Nitrosodimethylamine
 Concen: 78.37 ng
 RT: 3.21 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion: 42 Resp: 592814
 Ion Ratio Lower Upper
 42 100
 74 149.9 105.0 157.6
 44 7.2 6.6 10.0



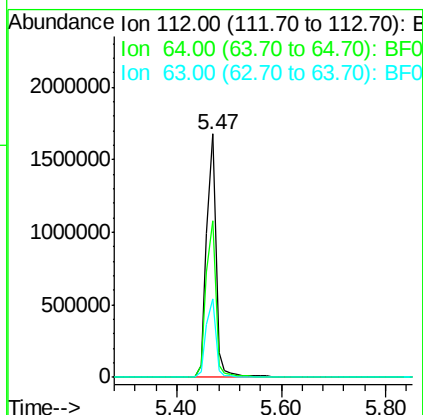


#5
2-Fluorophenol
Concen: 125.24 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tot Ion: 112 Resp: 2139908
Ion Ratio Lower Upper
112 100
64 64.2 39.7 59.5#
63 32.1 17.4 26.0#

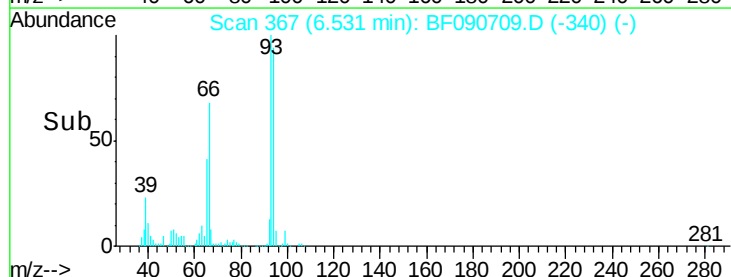
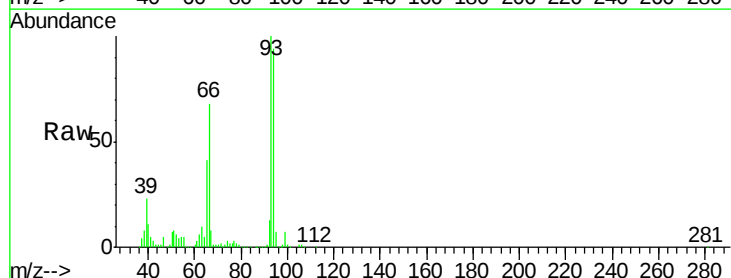
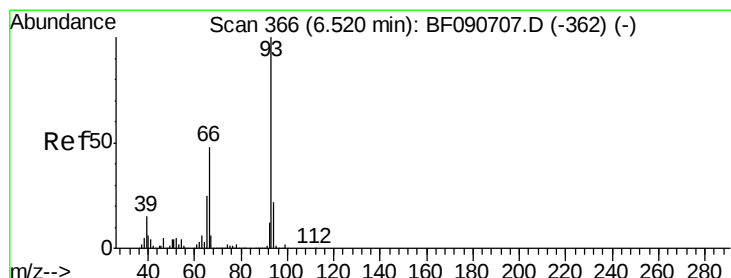
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Manual Integrations
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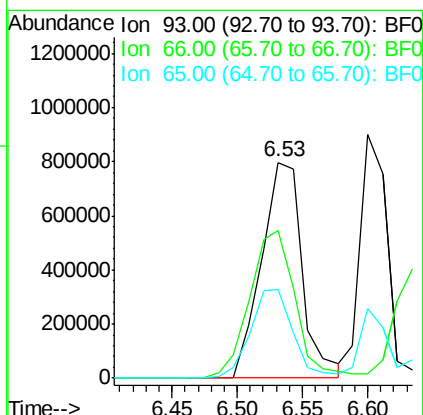
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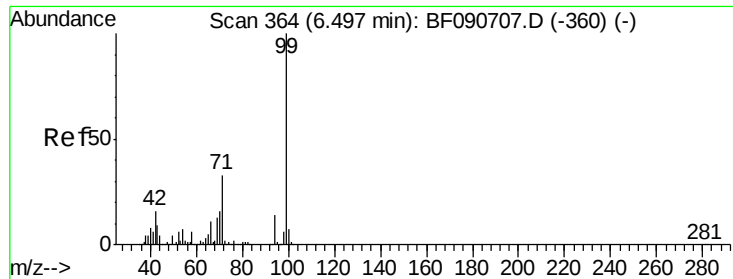
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#6
Aniline
Concen: 71.17 ng
RT: 6.53 min Scan# 367
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion: 93 Resp: 1746025
Ion Ratio Lower Upper
93 100
66 68.4 27.2 40.8#
65 41.1 14.7 22.1#





#7

Phenol-d6

Concen: 140.57 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2813045

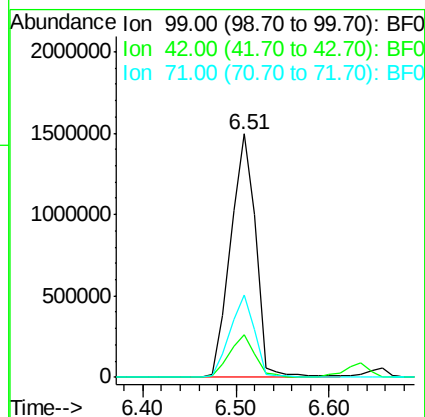
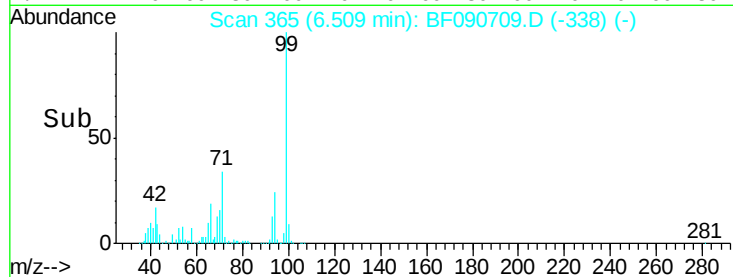
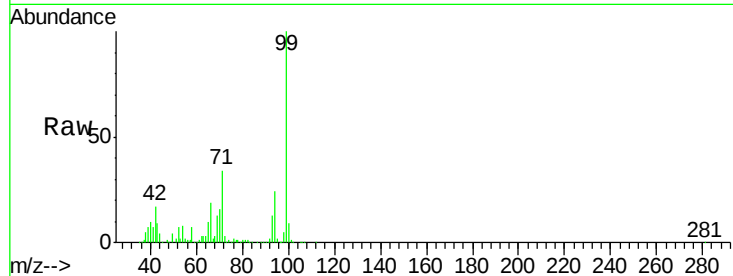
Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

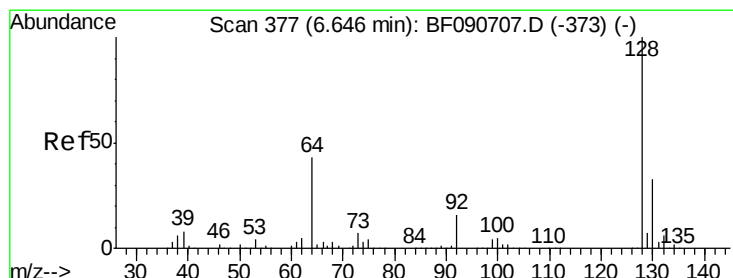
71 33.7 14.2 21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 71.27 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

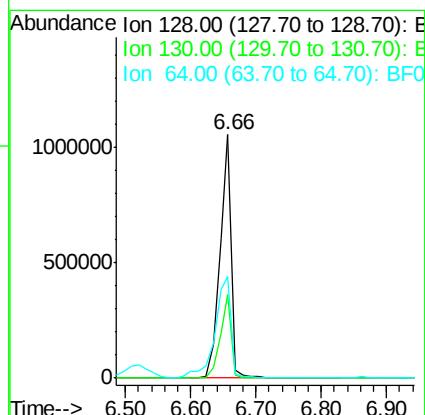
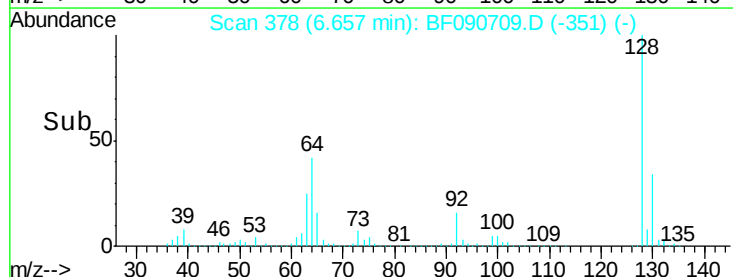
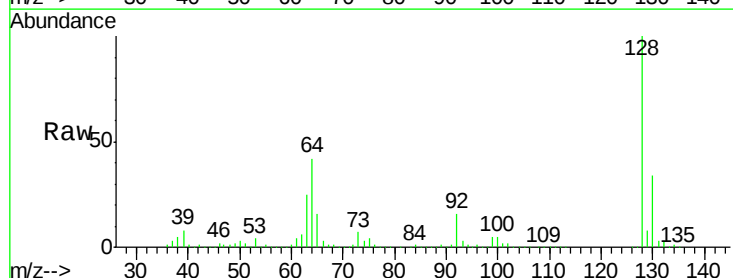
Tgt Ion:128 Resp: 1298553

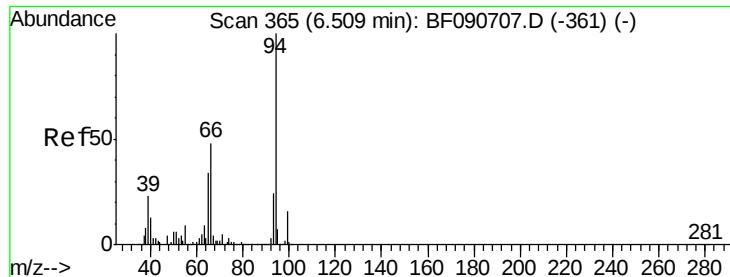
Ion Ratio Lower Upper

128 100

130 34.4 12.2 52.2

64 41.6 20.5 60.5





#10

Phenol

Concen: 71.67 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 94 Resp: 1503035

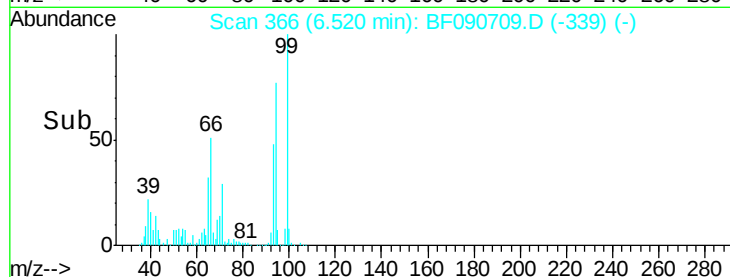
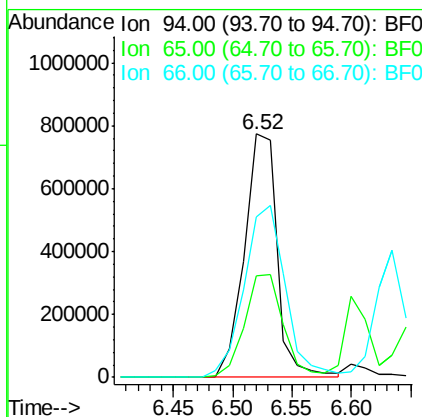
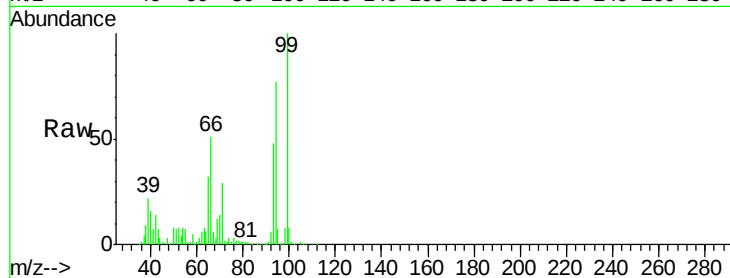
Ion Ratio Lower Upper

94 100

65 41.7 0.7 40.7#

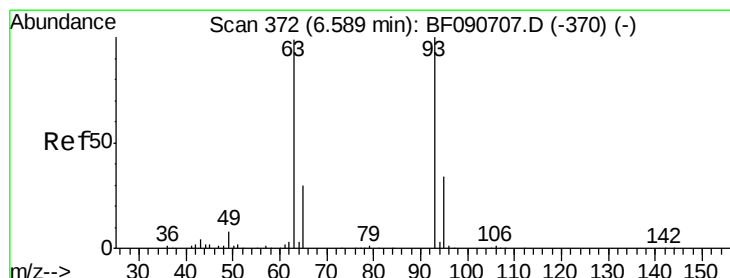
66 66.0 0.8 40.8#

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 83.63 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

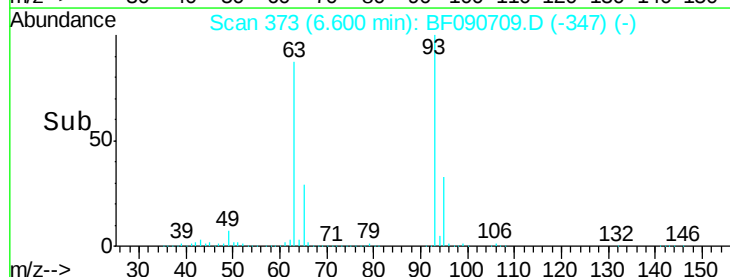
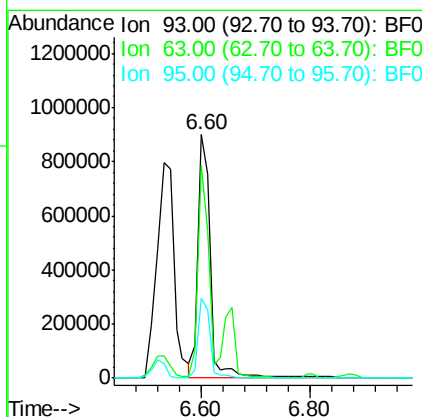
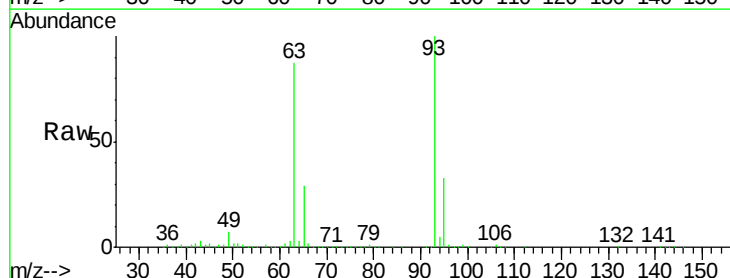
Tgt Ion: 93 Resp: 1372823

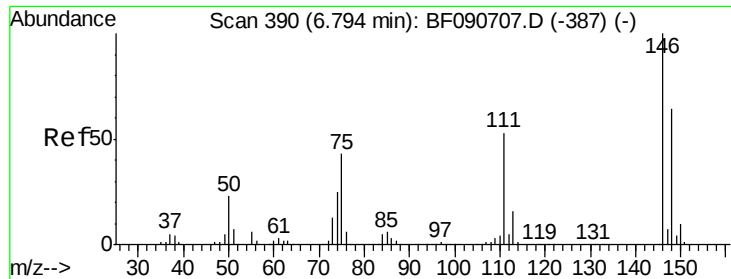
Ion Ratio Lower Upper

93 100

63 87.3 65.6 105.6

95 32.6 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 70.34 ng

RT: 6.81 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1383940

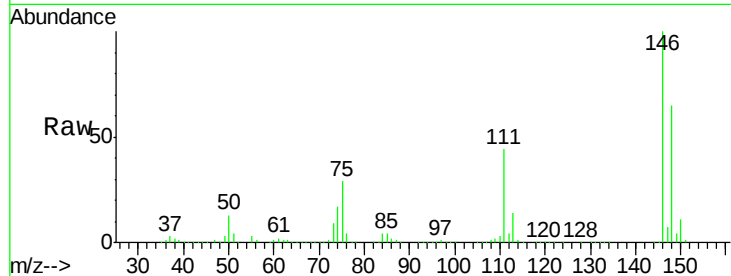
Ion Ratio Lower Upper

146 100

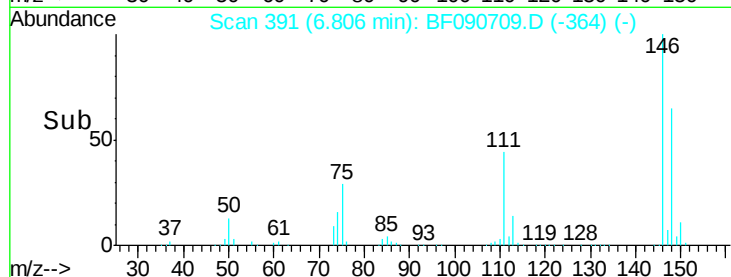
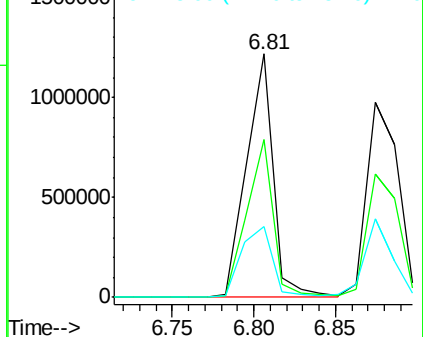
148 64.9 51.0 76.4

75 29.1 15.0 22.6#

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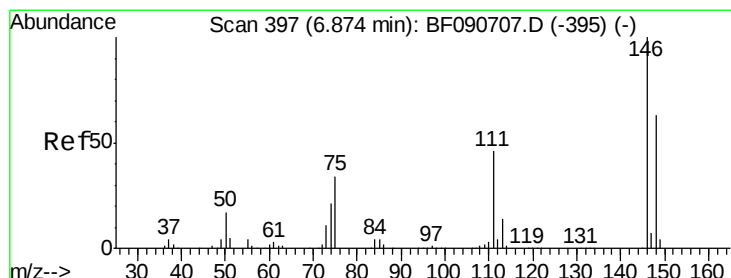


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



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#13

1,4-Dichlorobenzene

Concen: 66.99 ng

RT: 6.87 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

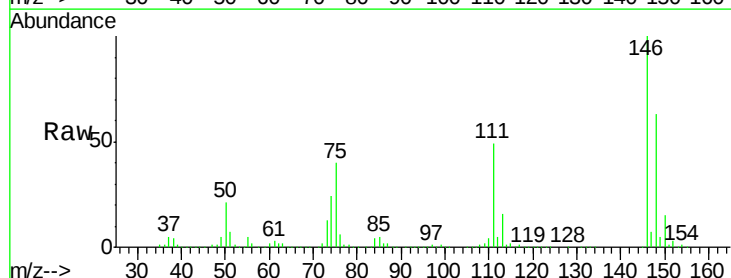
Tgt Ion:146 Resp: 1355515

Ion Ratio Lower Upper

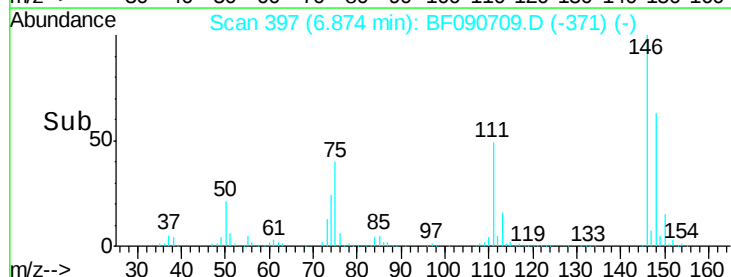
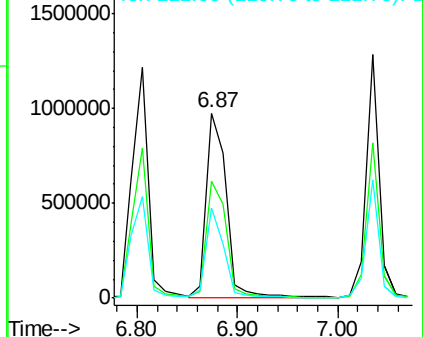
146 100

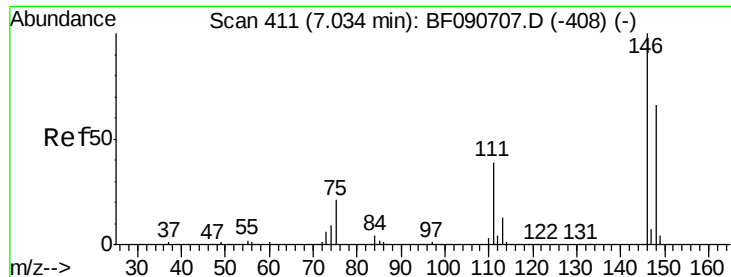
148 63.2 51.8 77.6

111 49.0 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



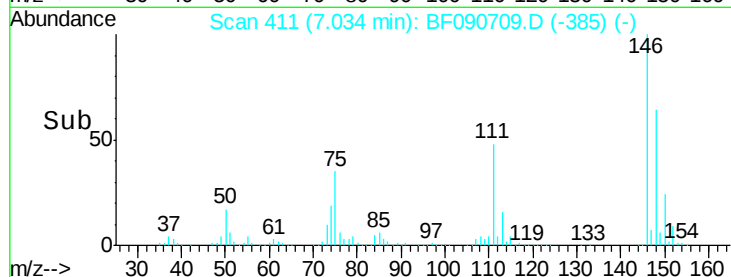
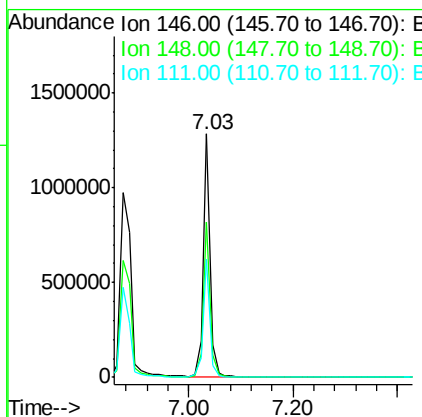
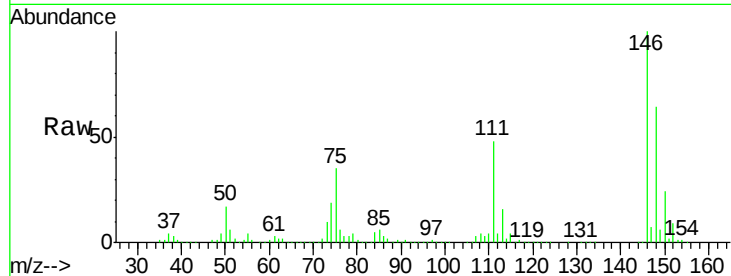


#14
1,2-Dichlorobenzene
Concen: 63.18 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

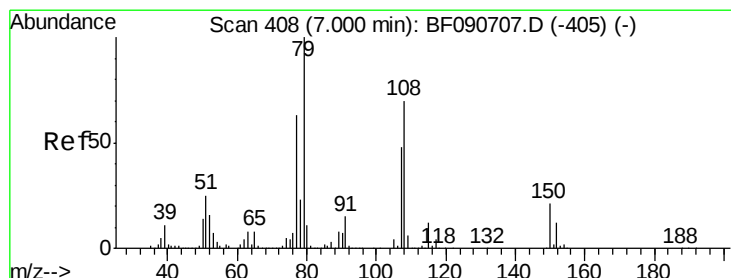
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.7	79.1
111	48.5	28.8	43.2

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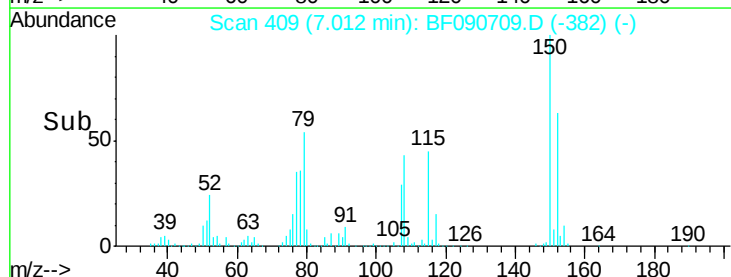
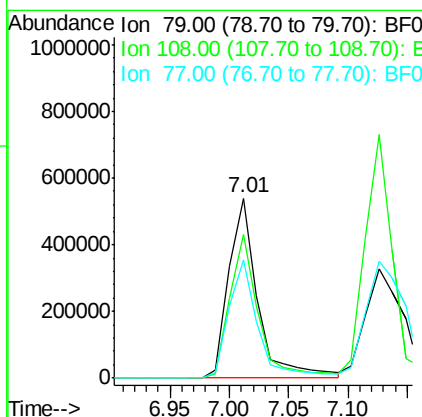
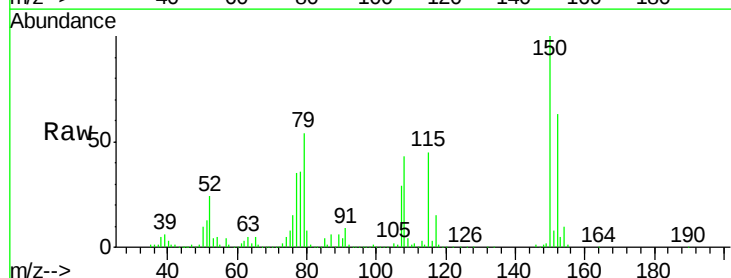
sohil

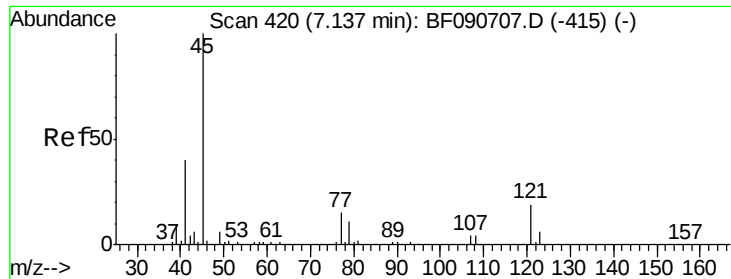
10/24/2016 3:50:55 PM



#15
Benzyl Alcohol
Concen: 85.50 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.4	88.6	132.8
77	65.6	47.0	70.4



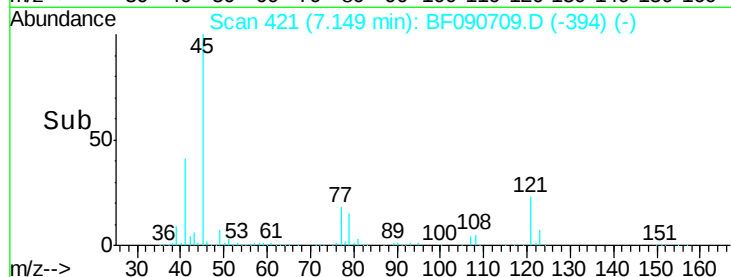
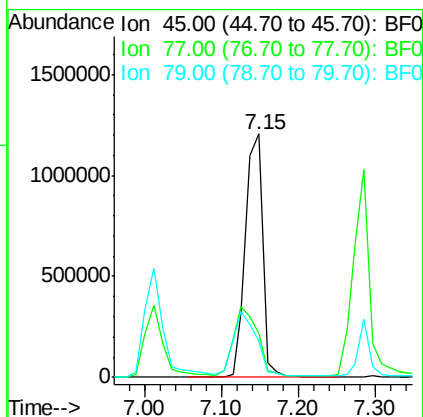
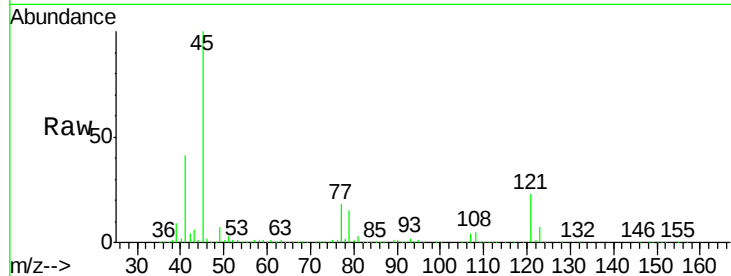


#16
2,2'-oxvbis(1-Chloropropane)
Concen: 60.49 ng
RT: 7.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

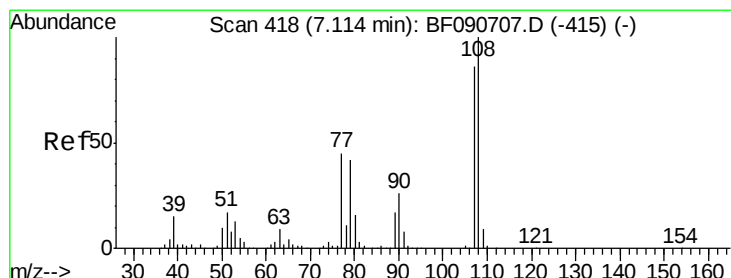
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	28.1
79	14.7	0.0	26.0

Manual Integrations
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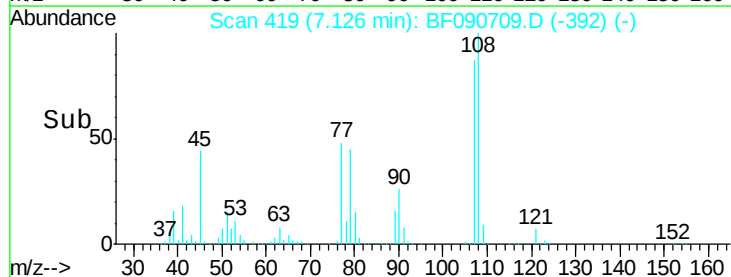
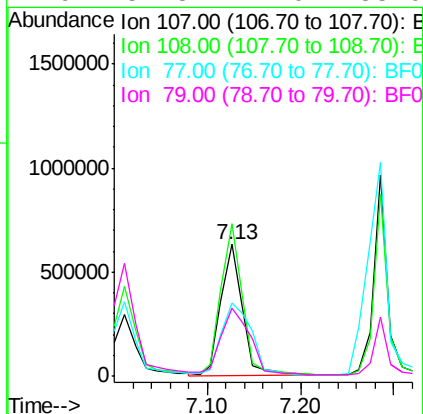
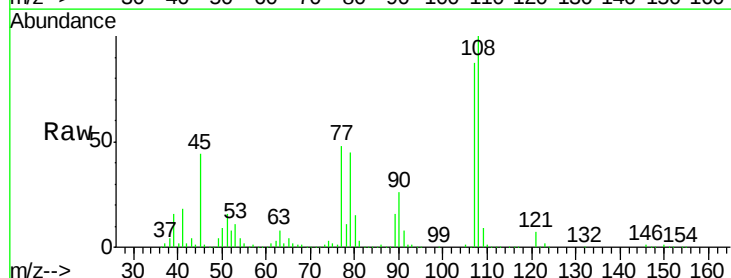
sohil

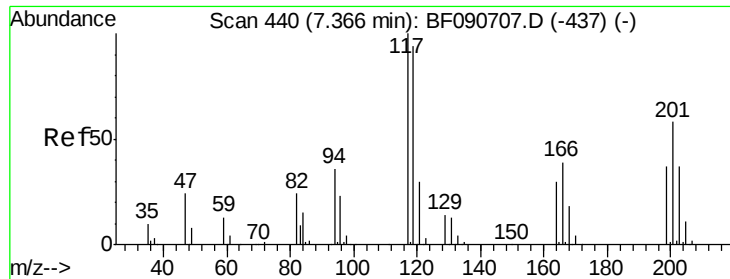
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#17
2-Methylphenol
Concen: 79.80 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.3	96.6	145.0
77	55.2	23.3	34.9#
79	51.8	22.0	33.0#



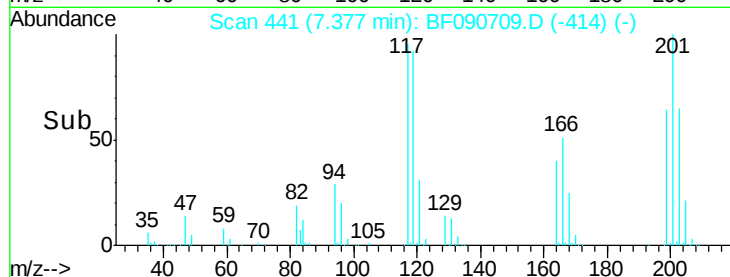
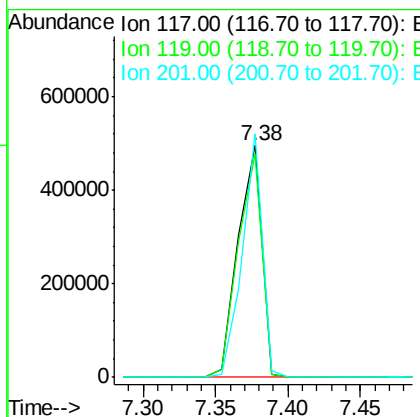
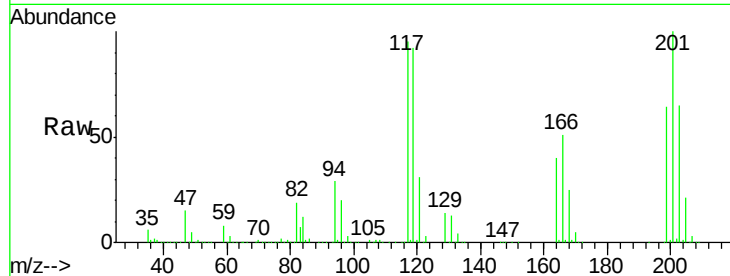


#18
Hexachloroethane
Concen: 88.83 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDIC080

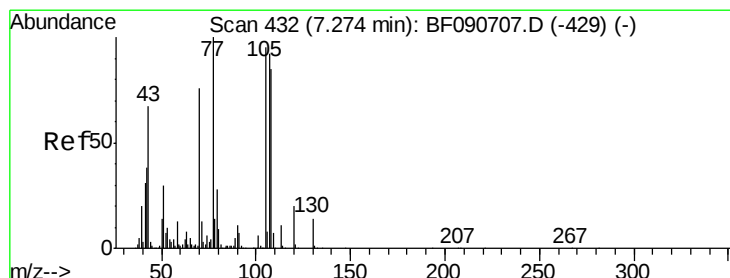
Tot Ion	Ratio	Resp	Lower	Upper
117	100	564769		
119	96.1		83.8	125.6
201	105.0		55.1	82.7#

Manual Integrations
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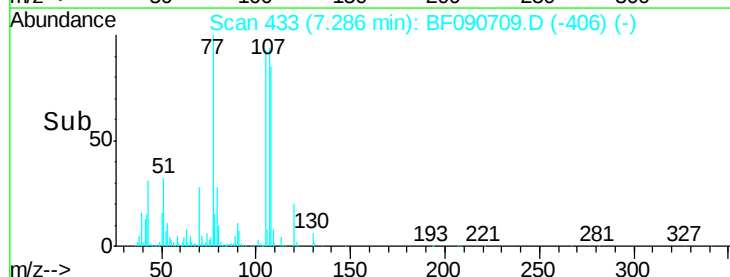
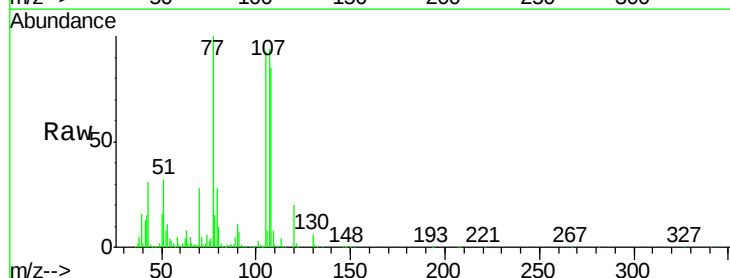
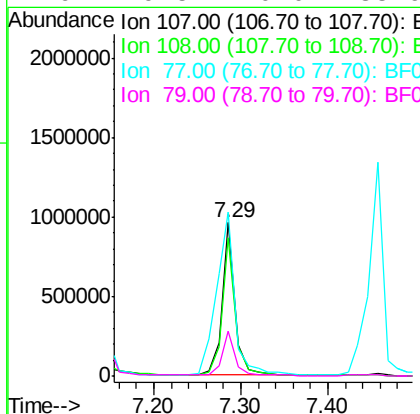
sohil

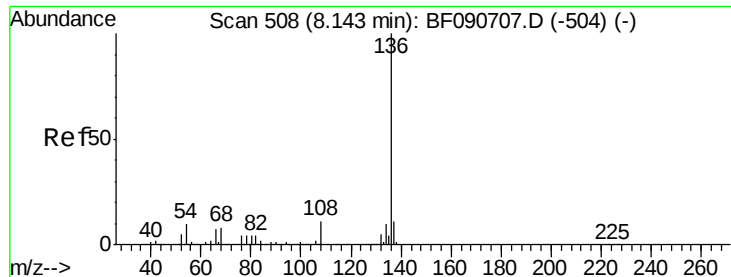
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#20
3+4-Methylphenols
Concen: 59.35 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1005940		
108	90.4		74.6	114.6
77	106.4		0.7	40.7#
79	29.5		0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

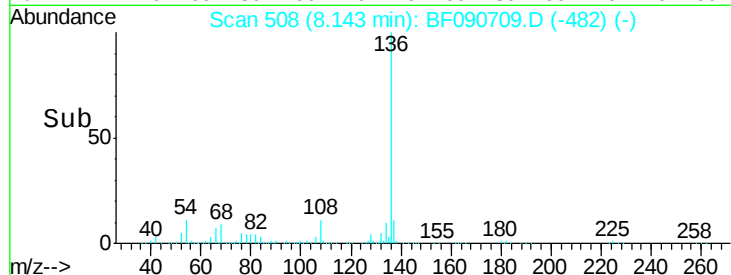
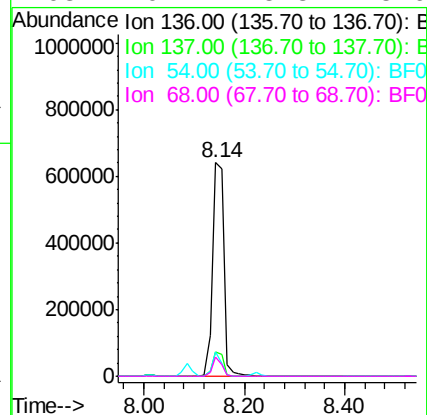
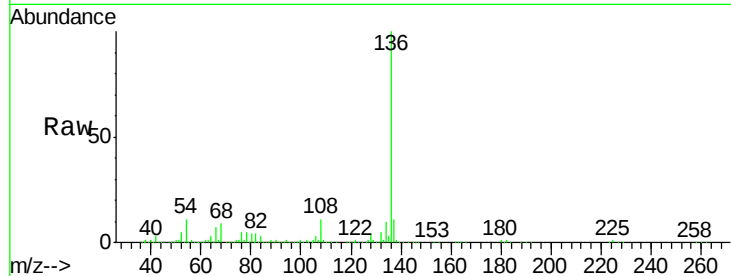
BNA_F

ClientSampleId :

SSTDIC080

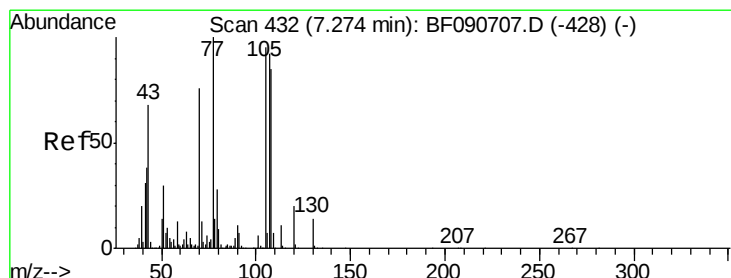
Tot Ion	136	Resp	1001100
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.2	8.2	12.2
68	9.2	5.8	8.6#

Manual Integrations
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#22

Acetophenone

Concen: 63.42 ng

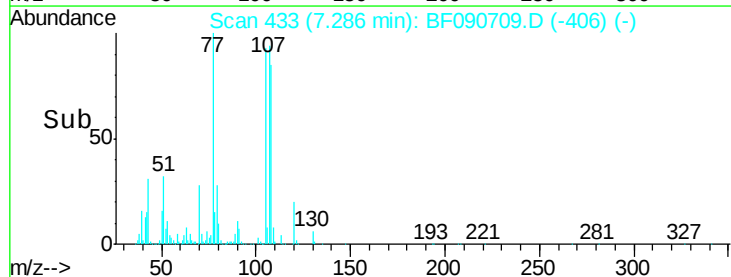
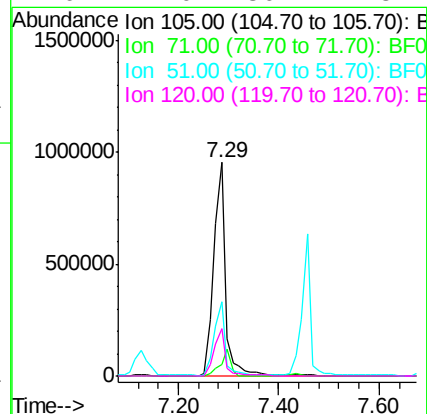
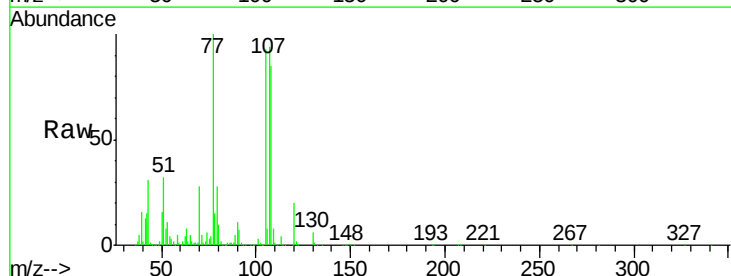
RT: 7.29 min Scan# 433

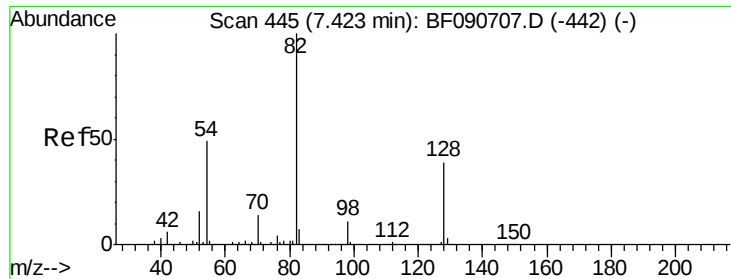
Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Tgt Ion	105	Resp	1559275
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.7	7.1
51	34.6	22.0	33.0#
120	22.0	30.1	45.1#



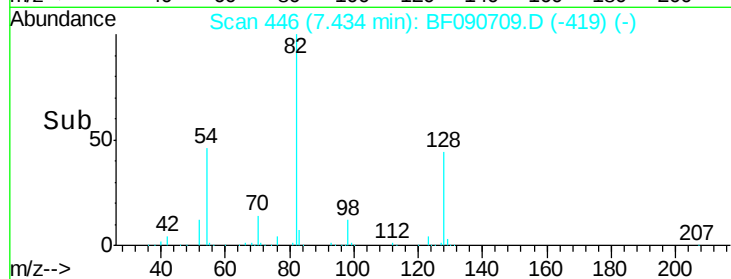
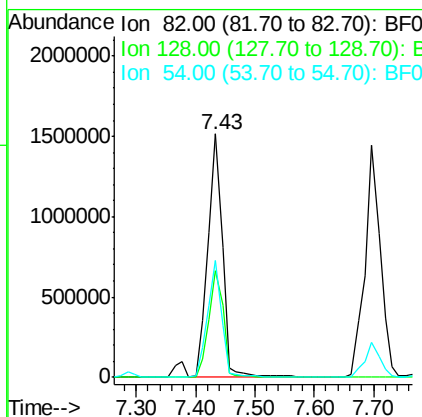
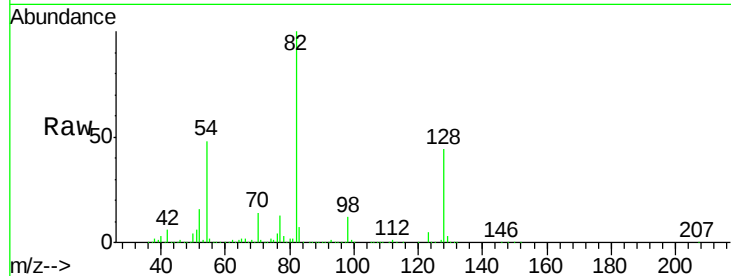


#23
 Nitrobenzene-d5
 Concen: 161.11 ng
 RT: 7.43 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

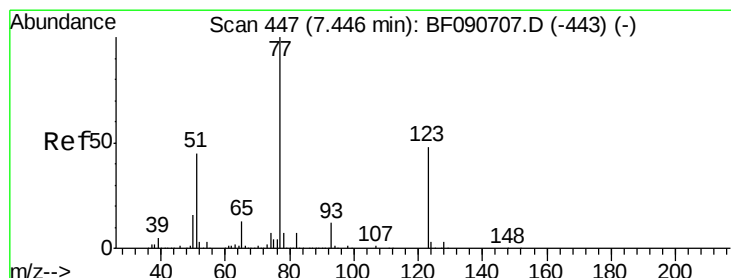
Tot Ion	82	Resp	2606177
Ion	Ratio	Lower	Upper
82	100		
128	44.0	51.0	76.6#
54	47.9	47.5	71.3

Manual Integrations
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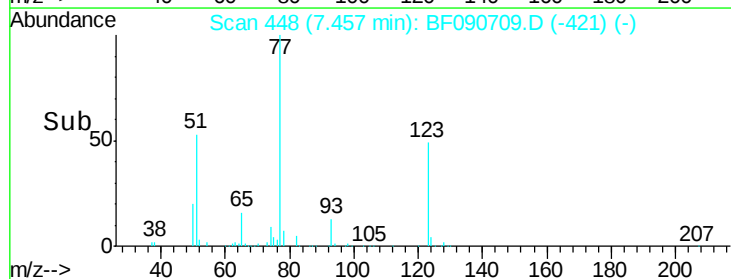
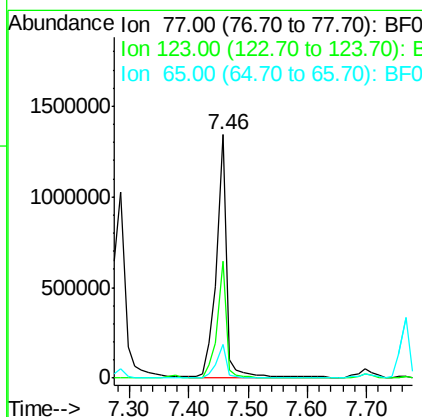
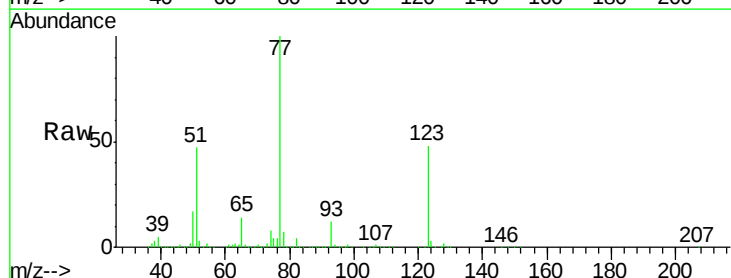
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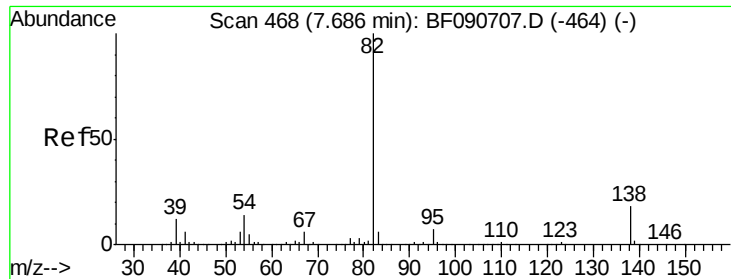
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#24
 Nitrobenzene
 Concen: 100.57 ng
 RT: 7.46 min Scan# 448
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion	77	Resp	1558086
Ion	Ratio	Lower	Upper
77	100		
123	47.8	59.8	89.8#
65	14.1	10.2	15.4





#25

Isophorone

Concen: 85.66 ng

RT: 7.70 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion: 82 Resp: 2622487

Ion Ratio Lower Upper

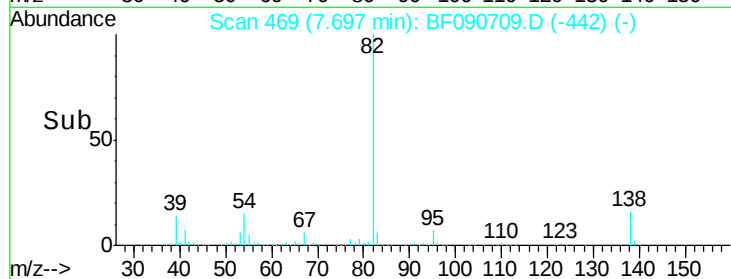
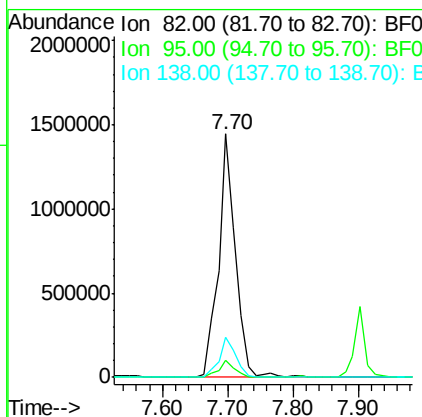
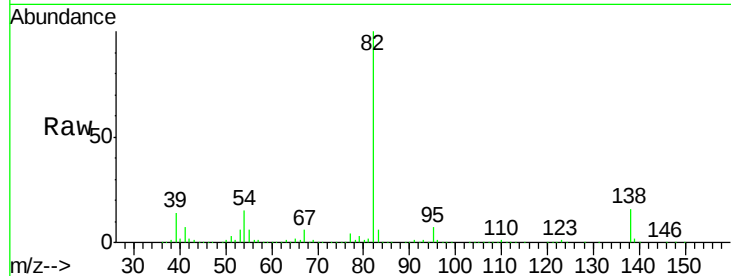
82 100

95 6.8 4.0 6.0#

138 16.3 18.3 27.5#

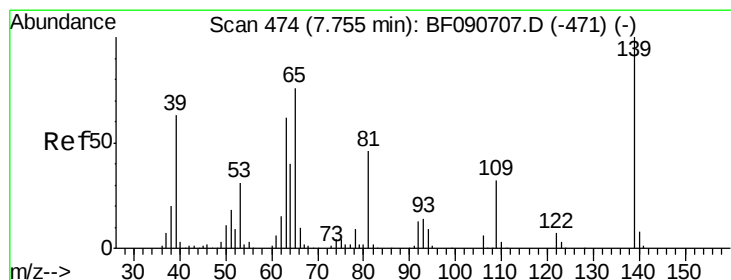
Manual Integrations

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#26

2-Nitrophenol

Concen: 67.56 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

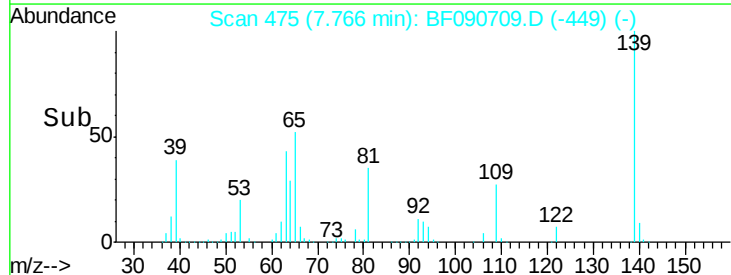
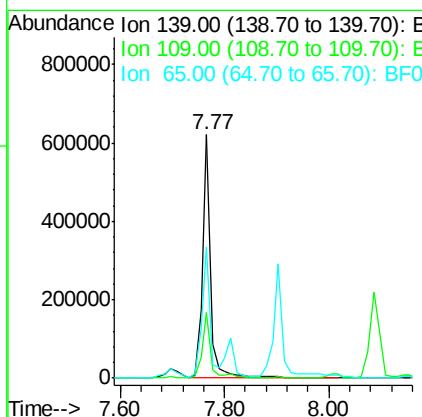
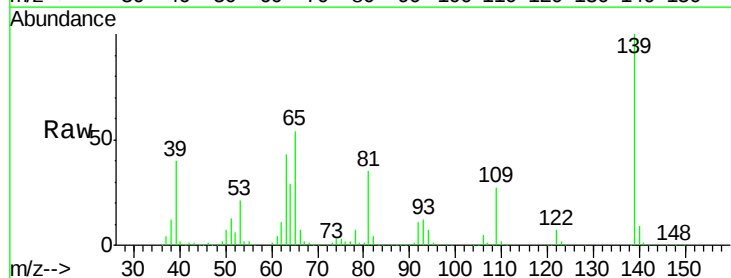
Tgt Ion: 139 Resp: 674989

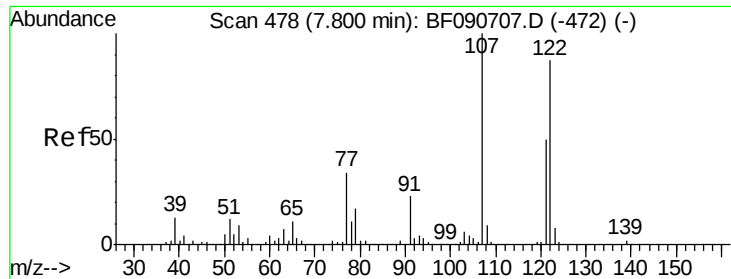
Ion Ratio Lower Upper

139 100

109 27.1 11.0 16.4#

65 54.0 24.7 37.1#



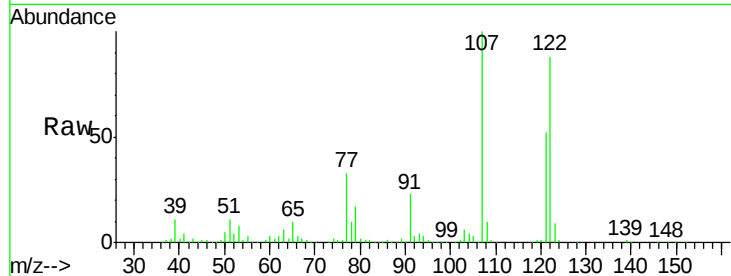


#27
 2,4-Dimethylphenol
 Concen: 62.38 ng
 RT: 7.81 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

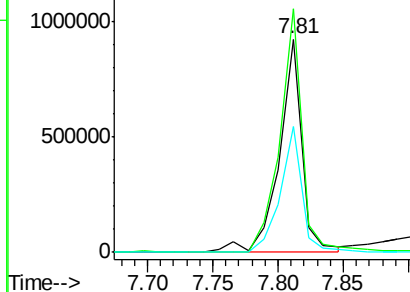
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	71.8	107.6#
121	58.9	42.3	63.5

Manual Integrations
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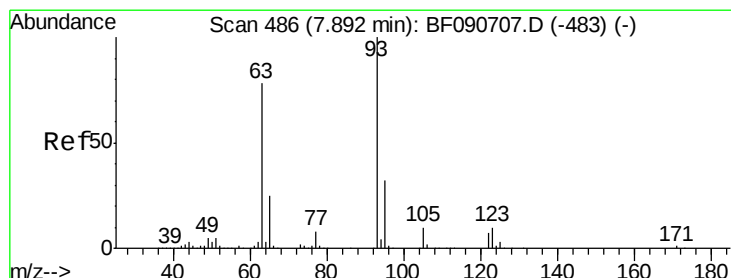
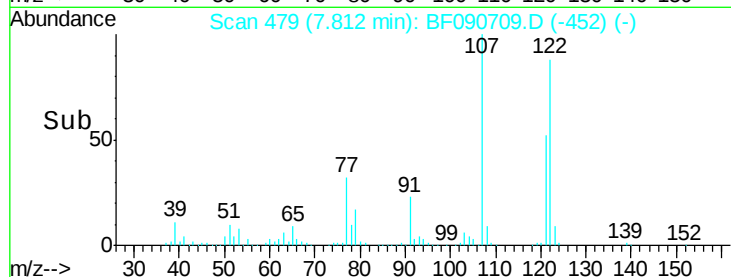


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



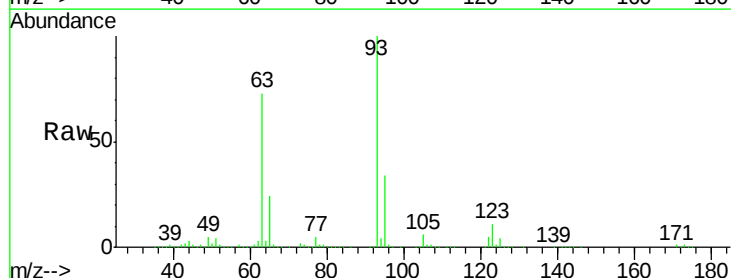
sohil

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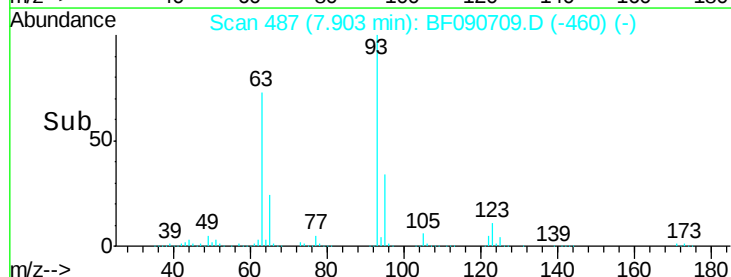
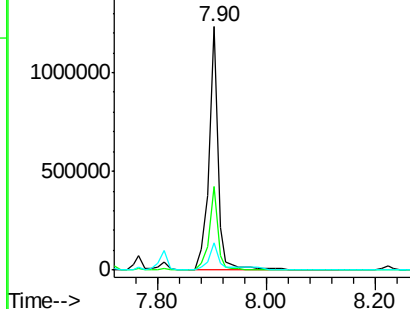


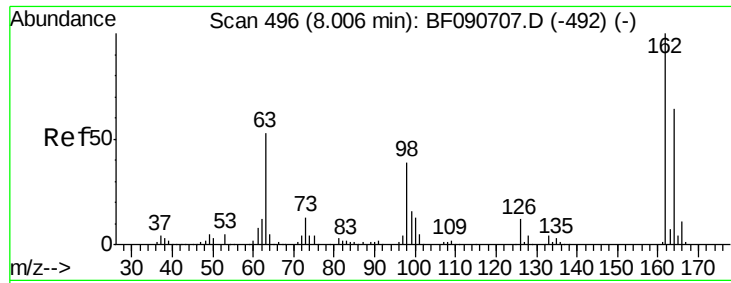
#28
 bis(2-Chloroethoxy)methane
 Concen: 69.25 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.5	41.3
123	11.4	13.7	20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



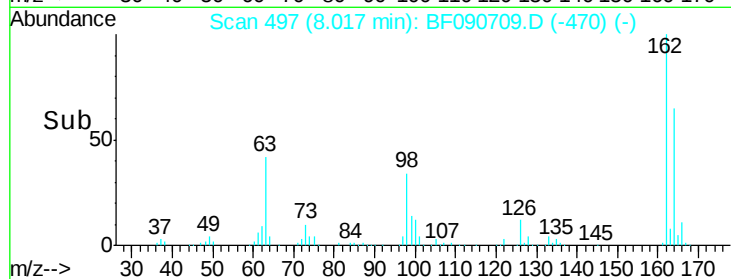
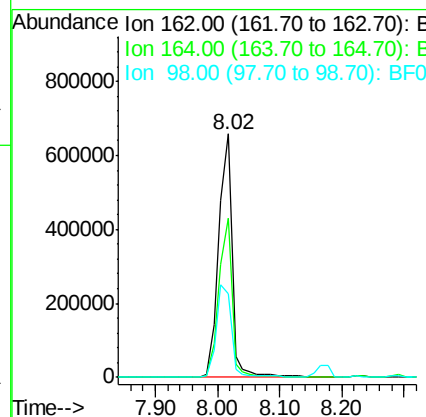
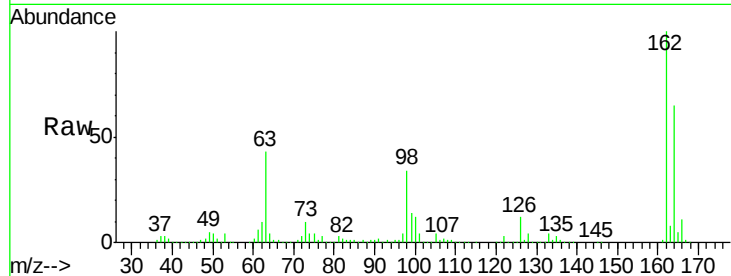


#29
2,4-Dichlorophenol
Concen: 69.99 ng
RT: 8.02 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDIC080

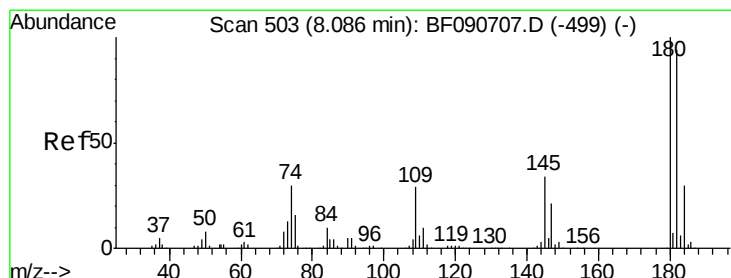
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	44.9	84.9
98	34.2	13.0	53.0

Manual Integrations
APPROVED



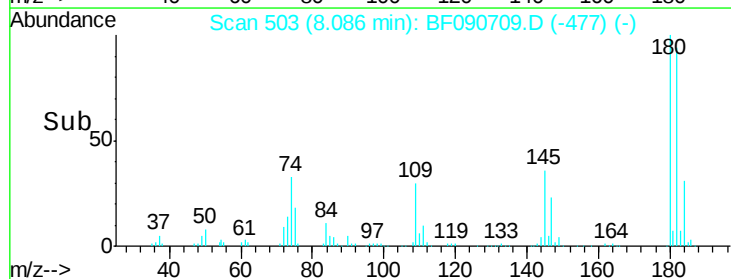
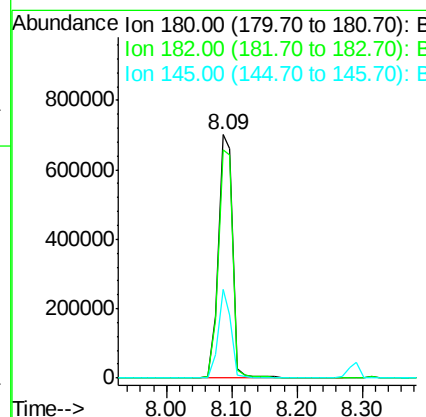
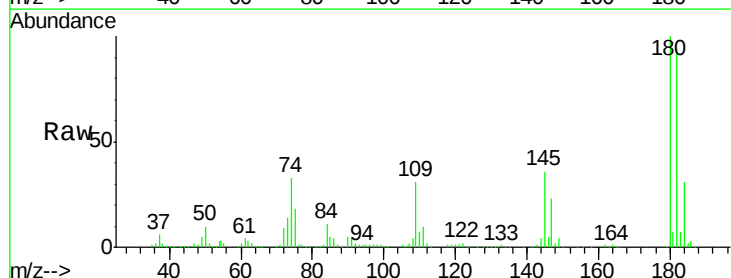
sohil

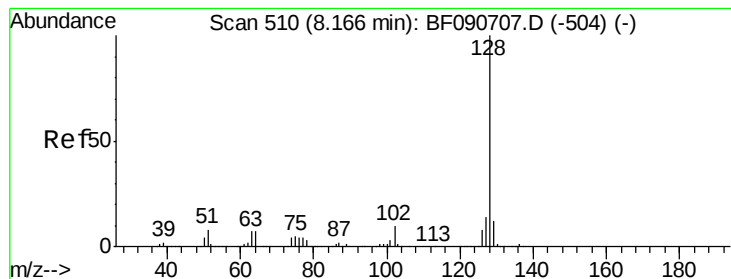
10/24/2016 3:50:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 73.26 ng
RT: 8.09 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	77.1	115.7
145	36.3	23.3	34.9#





#31

Naphthalene

Concen: 60.12 ng

RT: 8.18 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 3477573

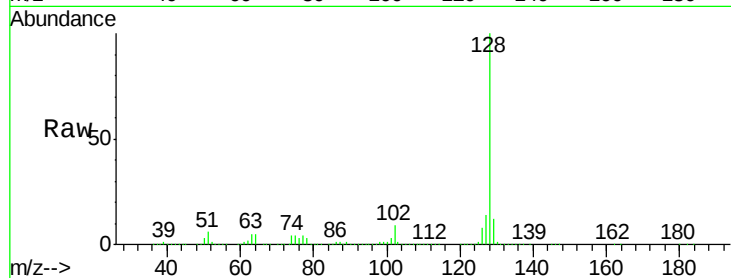
Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

127 14.3 9.9 14.9

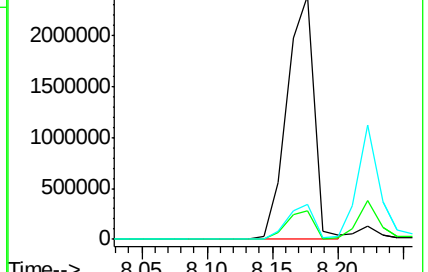
Manual Integrations
APPROVED



Abundance Ion 128.00 (127.70 to 128.70): E

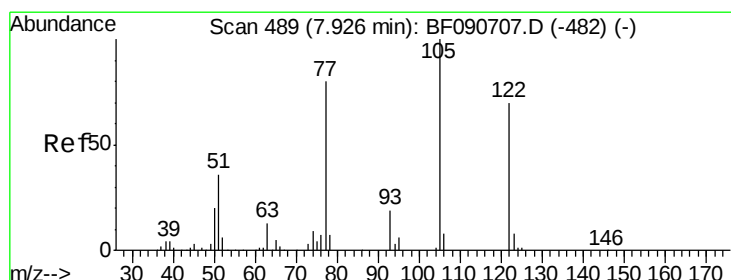
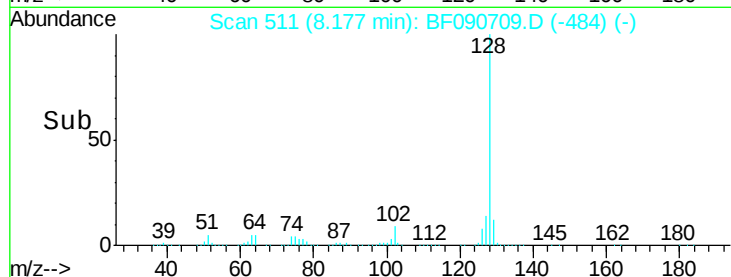
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 76.50 ng

RT: 7.98 min Scan# 494

Delta R.T. 0.05 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

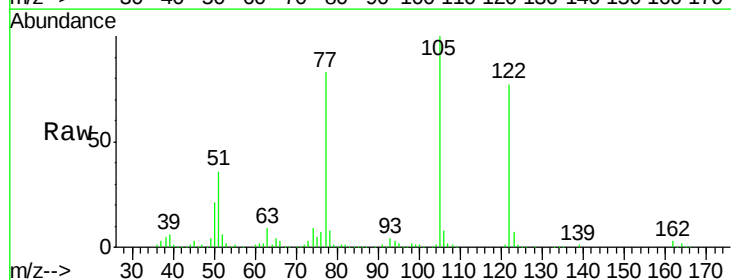
Tgt Ion:122 Resp: 891450

Ion Ratio Lower Upper

122 100

105 129.9 76.1 116.1#

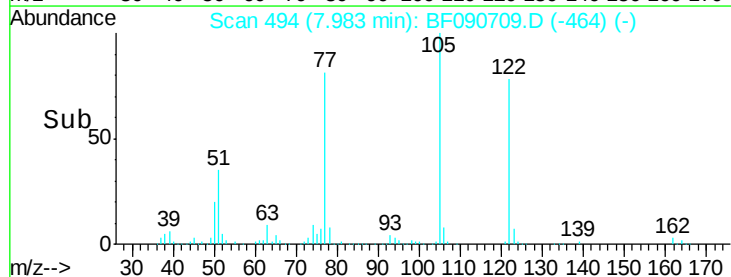
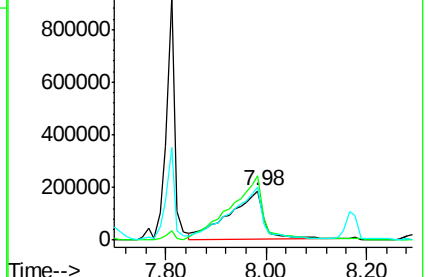
77 107.3 40.5 80.5#

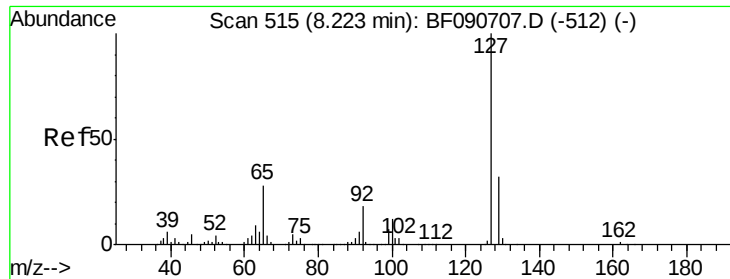


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



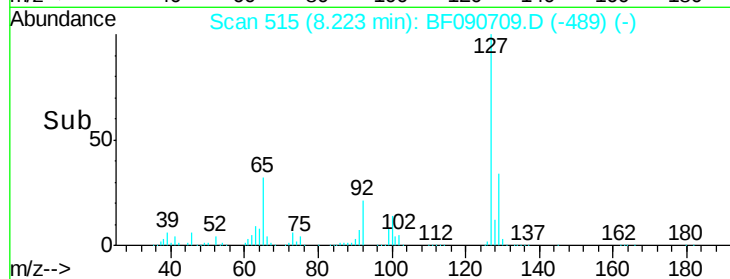
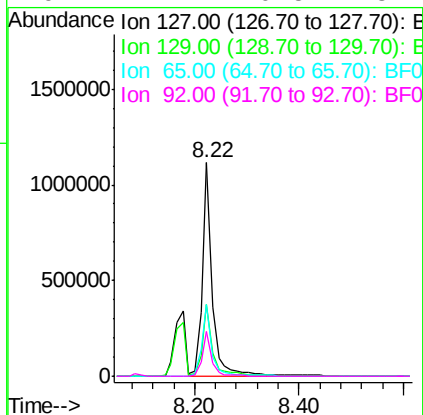
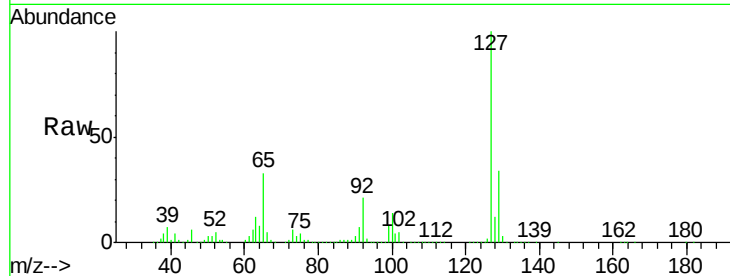


#33
4-Chloroaniline
Concen: 66.08 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

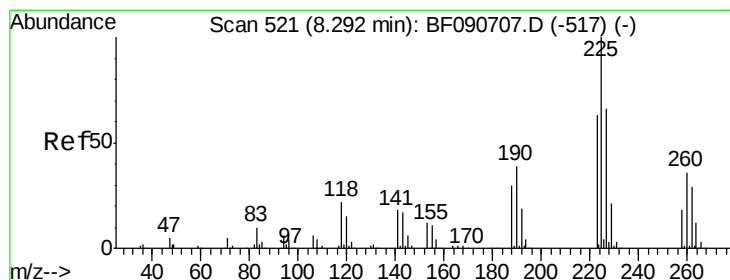
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	33.3	17.9	26.9
92	21.1	10.5	15.7

Manual Integrations
APPROVED



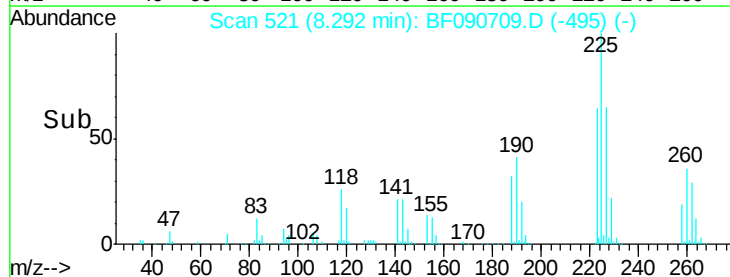
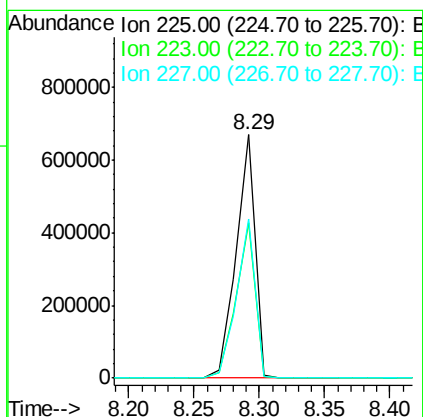
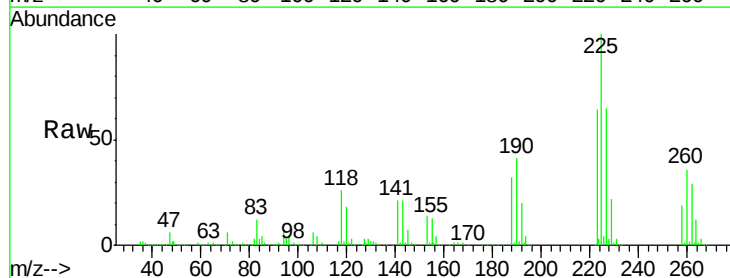
sohil

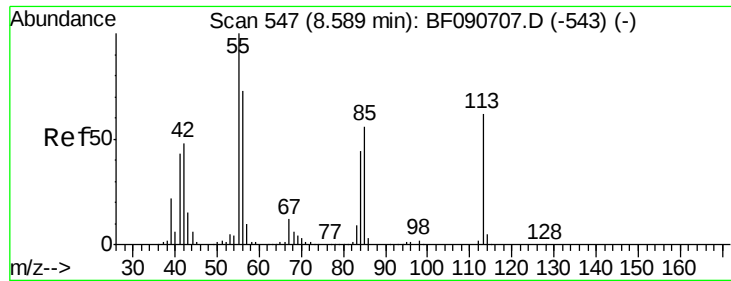
10/24/2016 3:50:55 PM



#34
Hexachlorobutadiene
Concen: 104.99 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	65.2	52.2	78.2





#35

Caprolactam

Concen: 65.23 ng/ml

RT: 8.63 min Scan# 551

Delta R.T. 0.05 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

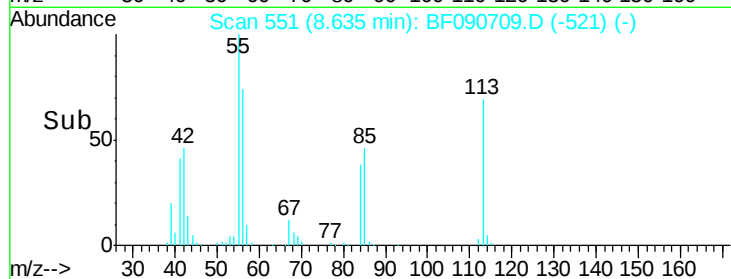
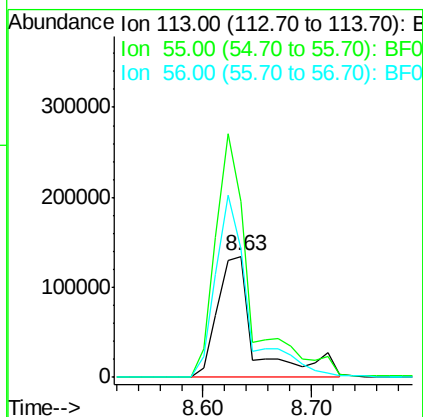
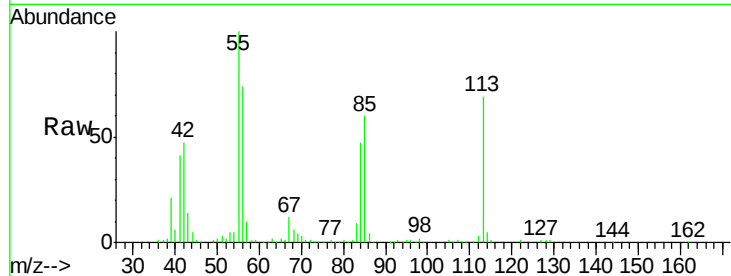
BNA_F

ClientSampleId :

SSTDIC080

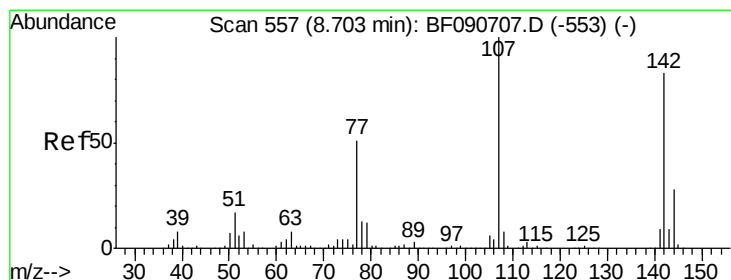
Tot Ion:113 Resp: 328353
 Ion Ratio Lower Upper
 113 100
 55 144.9 152.4 192.4#
 56 106.6 104.6 144.6

Manual Integrations
 APPROVED



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#36

4-Chloro-3-methylphenol

Concen: 87.44 ng/ml

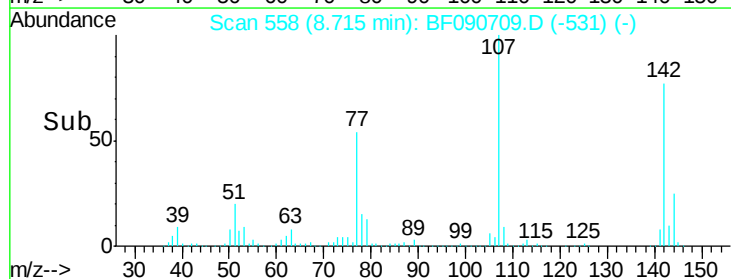
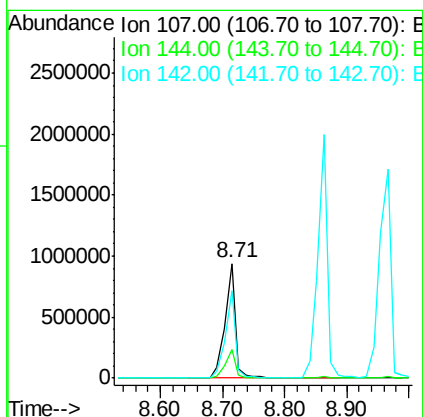
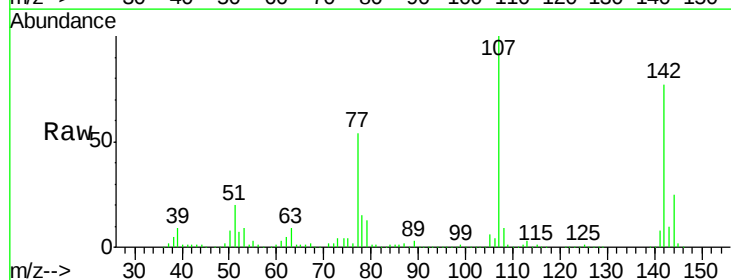
RT: 8.71 min Scan# 558

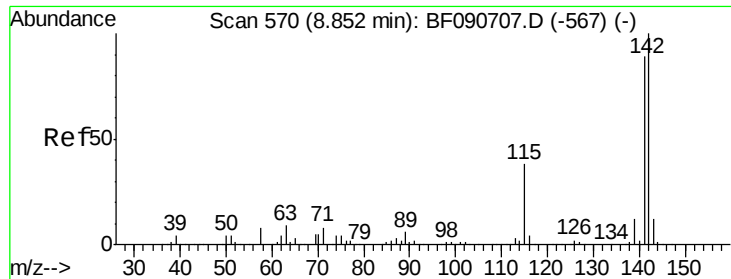
Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Tgt Ion:107 Resp: 1095180
 Ion Ratio Lower Upper
 107 100
 144 25.2 25.4 38.0#
 142 76.7 77.3 115.9#



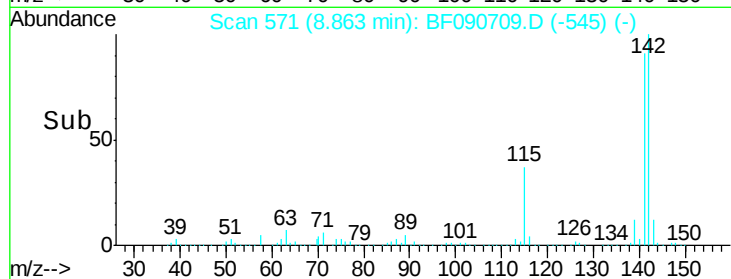
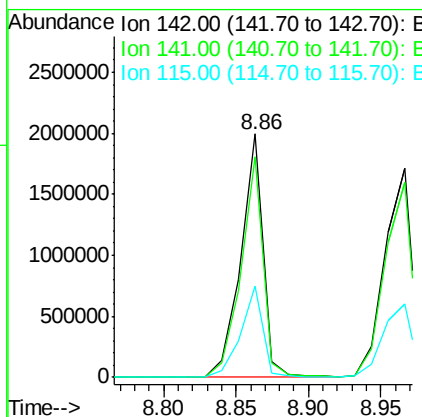
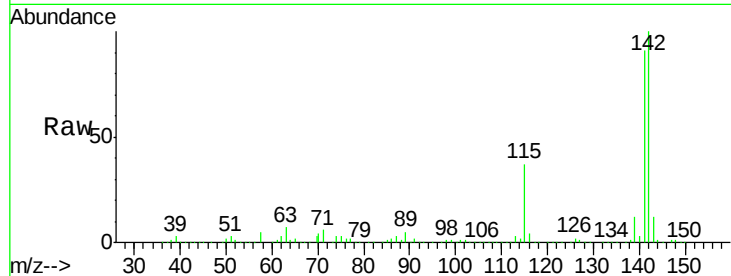


#37
2-Methylnaphthalene
Concen: 61.39 ng
RT: 8.86 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

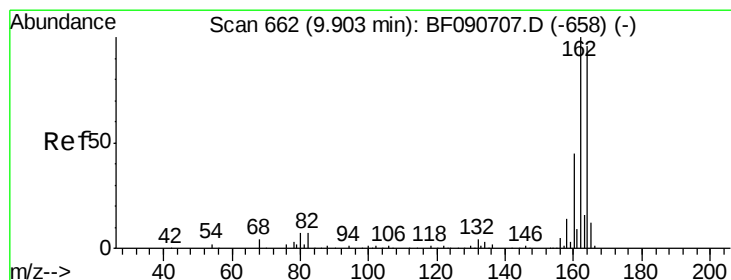
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.5	101.3
115	37.3	18.2	27.2

Manual Integrations
APPROVED



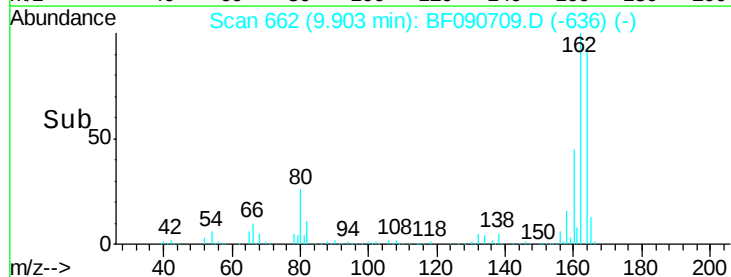
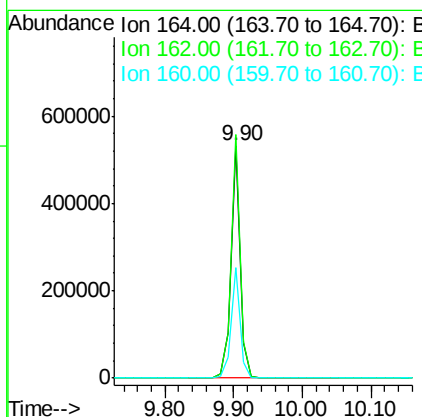
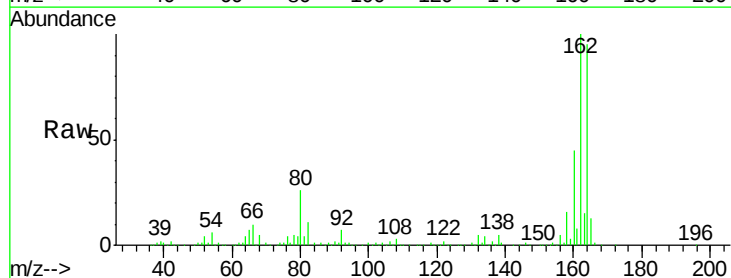
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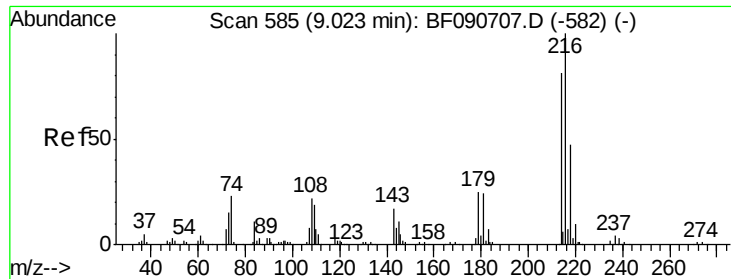
10/24/2016 3:50:55 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	75.2	112.8
160	47.5	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 78.54 ng

RT: 9.03 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:216 Resp: 1119799

Ion Ratio Lower Upper

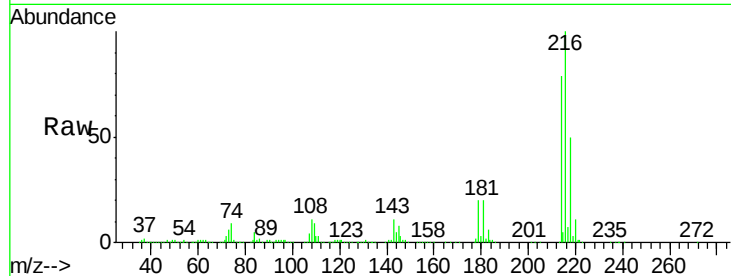
216 100

214 79.5 63.5 95.3

179 22.5 16.6 24.8

108 18.3 16.3 24.5

Manual Integrations
APPROVED

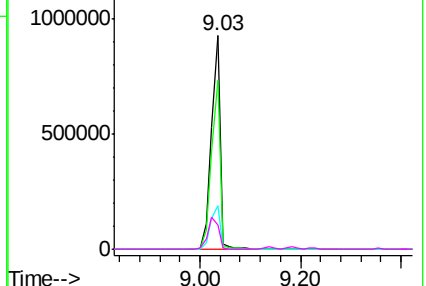
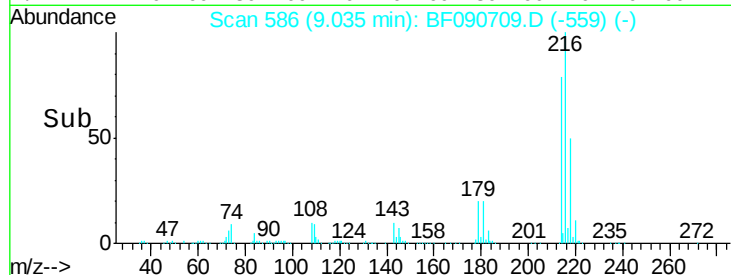


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

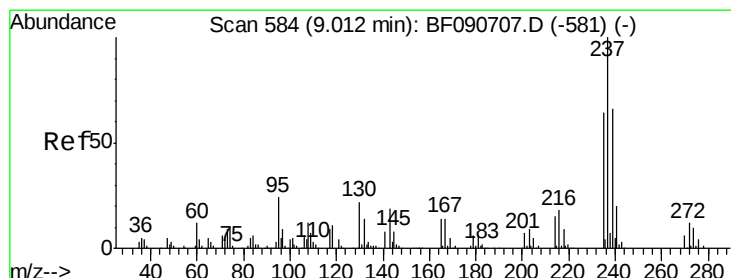
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 65.11 ng

RT: 9.01 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

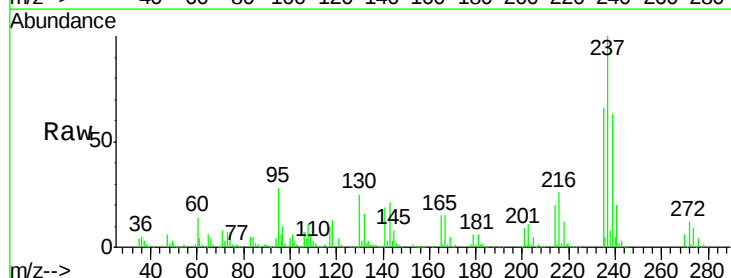
Tgt Ion:237 Resp: 541049

Ion Ratio Lower Upper

237 100

235 65.8 42.0 82.0

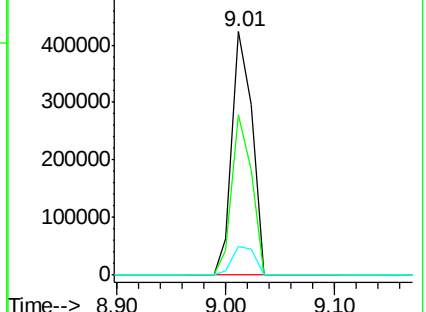
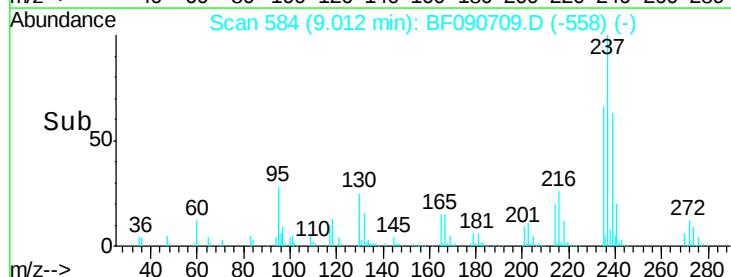
272 11.8 0.0 36.1

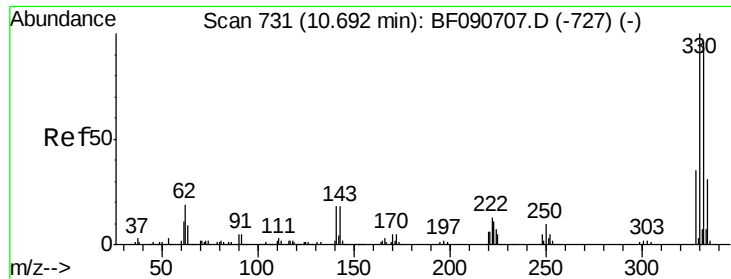


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



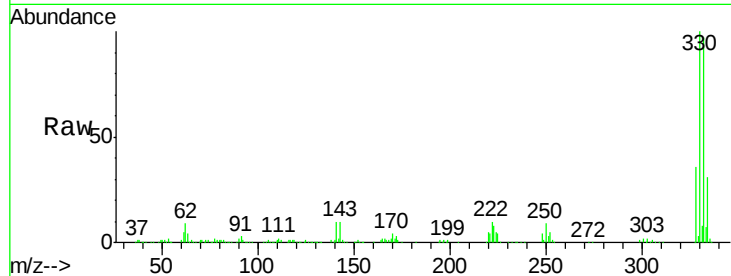


#41
 2,4,6-Tribromophenol
 Concen: 189.83 ng
 RT: 10.70 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

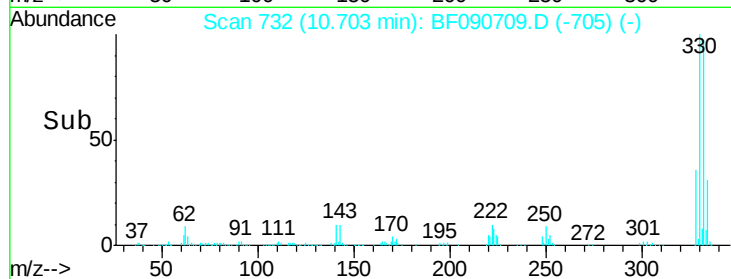
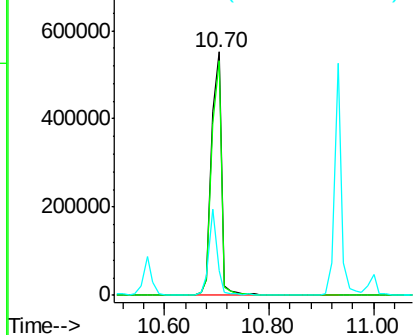
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	732733		
332	95.2		76.6	114.8
141	30.2		29.7	44.5

Manual Integrations
 APPROVED

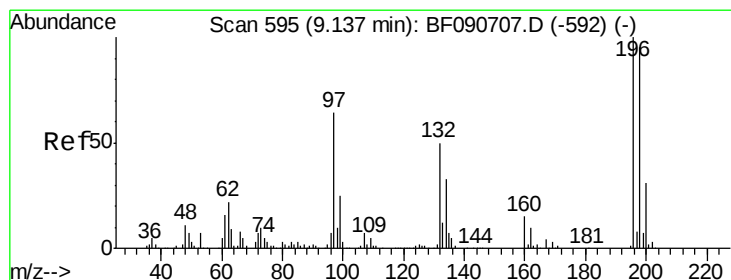


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



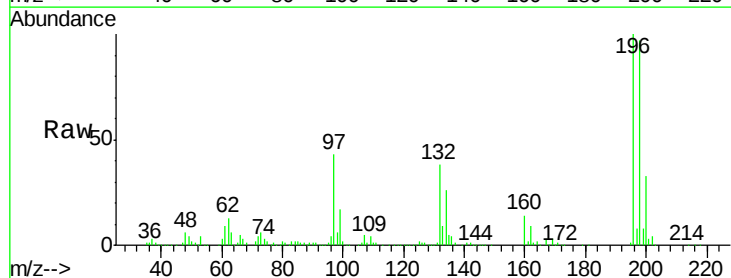
sohil

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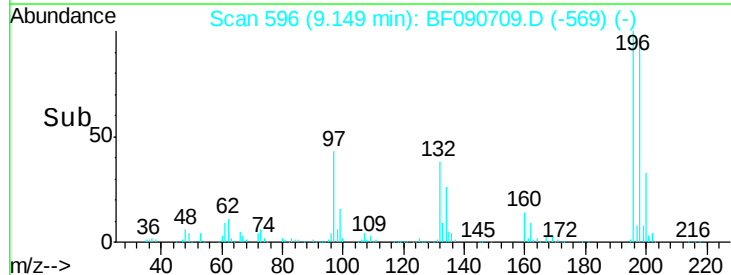
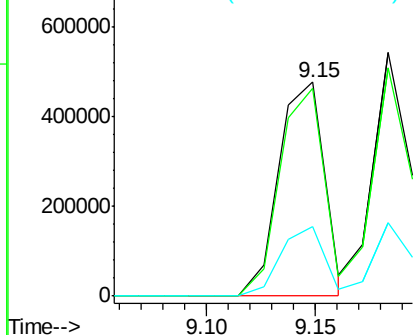


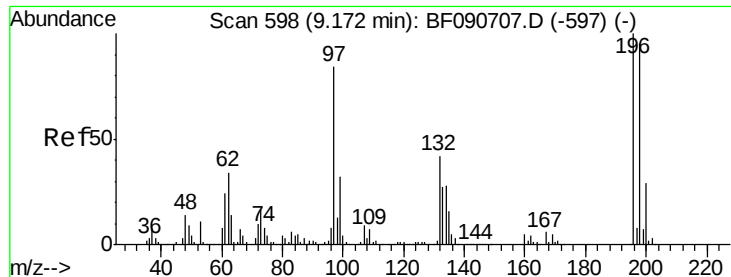
#42
 2,4,6-Trichlorophenol
 Concen: 74.34 ng
 RT: 9.15 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	698526		
198	97.4		75.7	113.5
200	32.5		23.9	35.9



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



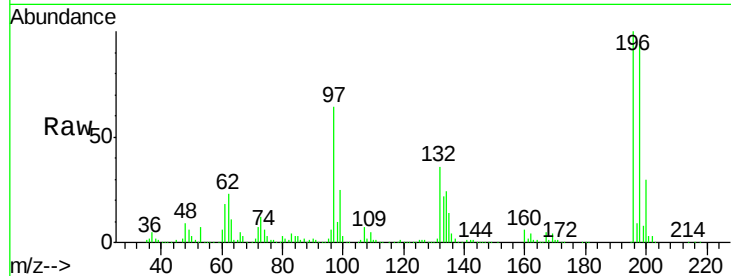


#43
 2,4,5-Trichlorophenol
 Concen: 69.49 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
196	100			
198	93.7	75.4	113.0	
97	63.7	33.3	49.9	
132	35.7	24.6	37.0	

Manual Integrations
 APPROVED



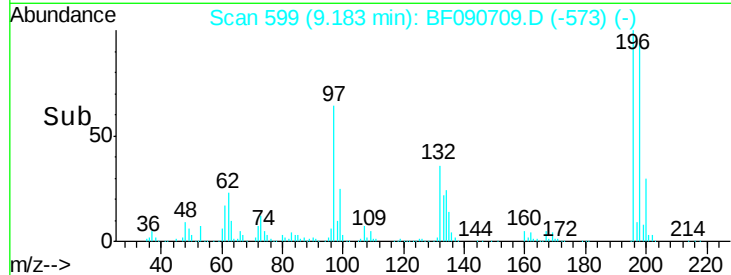
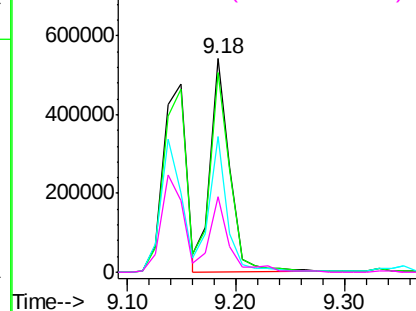
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

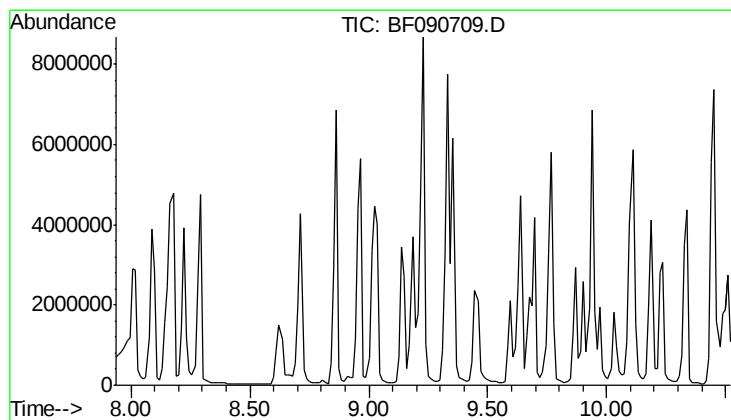
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



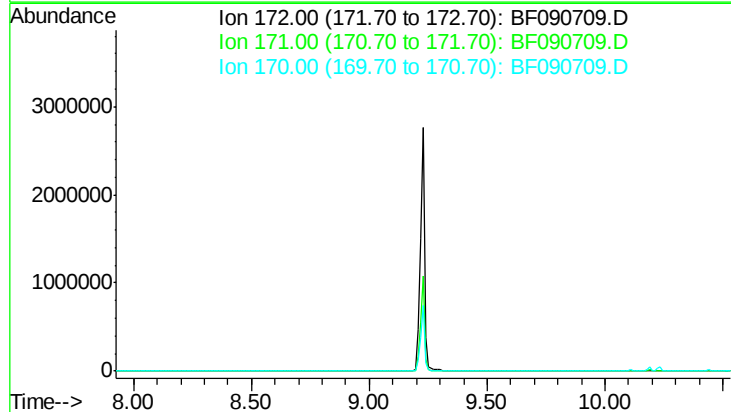
sohil

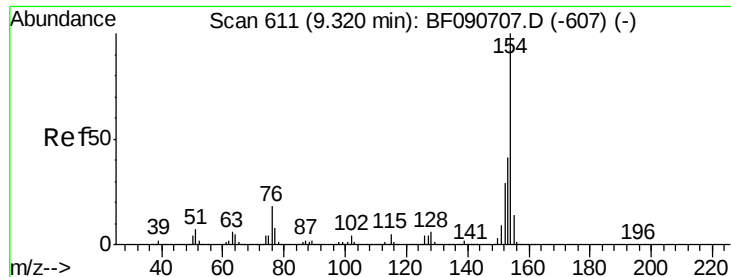
10/24/2016 3:50:55 PM



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.23 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion	Sig	Exp Ratio
172	100	
171	32.6	
170	21.8	





#45

1,1'-Biphenyl

Concen: 55.25 ng

RT: 9.33 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:154 Resp: 2716665

Ion Ratio Lower Upper

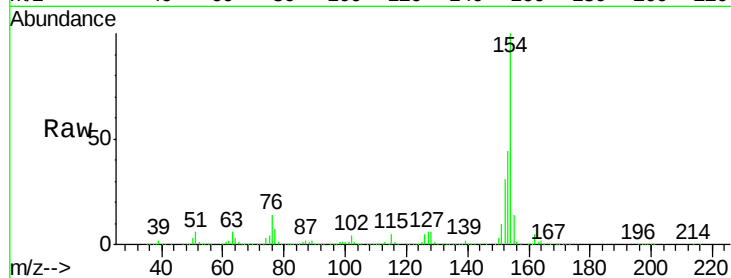
154 100

153 43.5 17.1 57.1

76 14.0 0.0 31.6

Manual Integrations

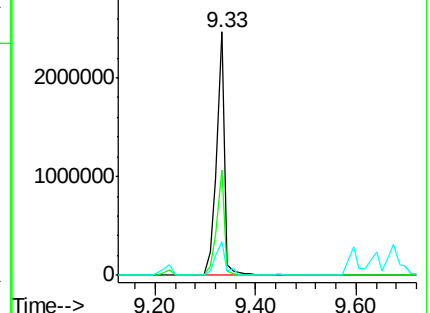
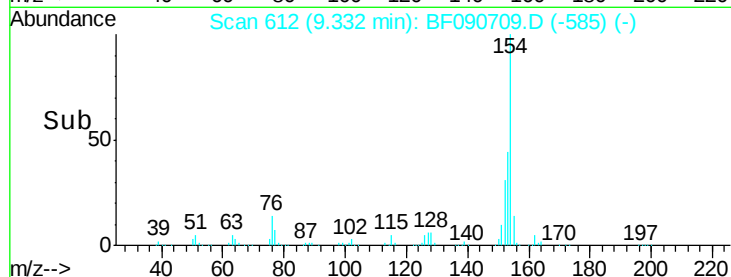
APPROVED



Abundance Ion 154.00 (153.70 to 154.70): E

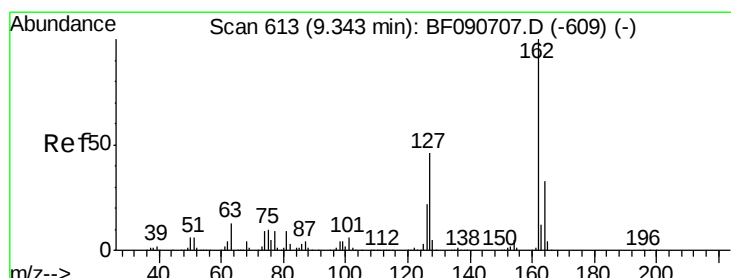
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



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#46

2-Chloronaphthalene

Concen: 62.23 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

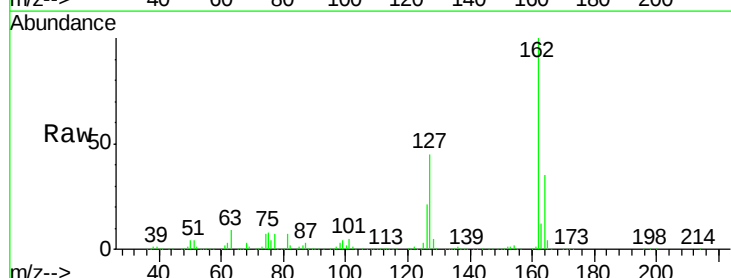
Tgt Ion:162 Resp: 2073201

Ion Ratio Lower Upper

162 100

127 44.6 27.6 41.4#

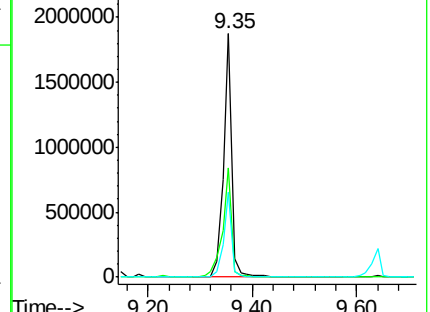
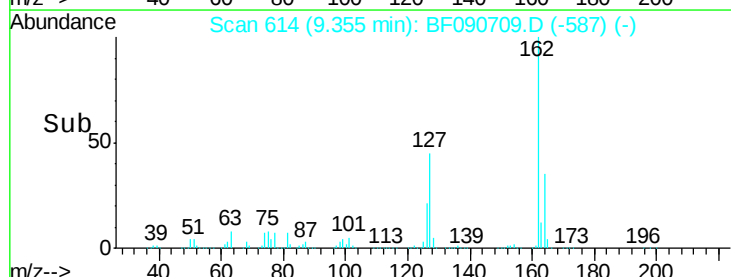
164 35.1 25.4 38.2

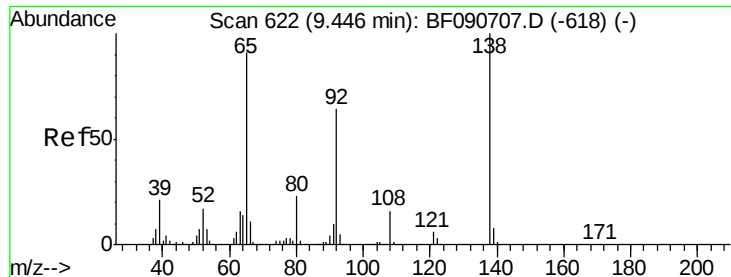


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



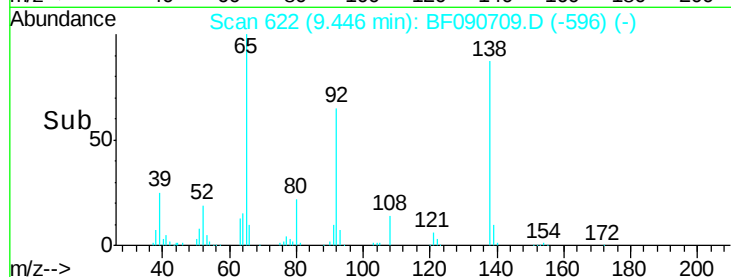
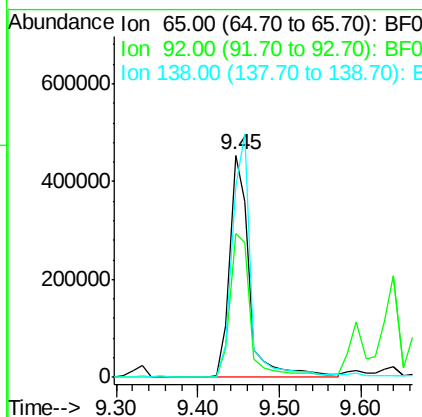
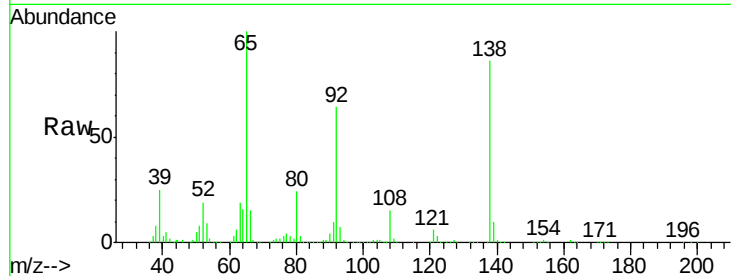


#47
2-Nitroaniline
Concen: 85.91 ng
RT: 9.45 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

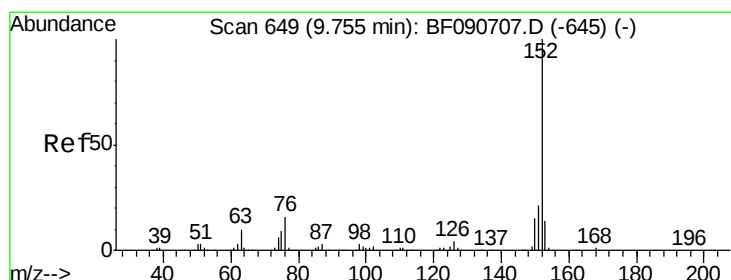
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.4	83.0
138	85.9	115.5	173.3

Manual Integrations
APPROVED



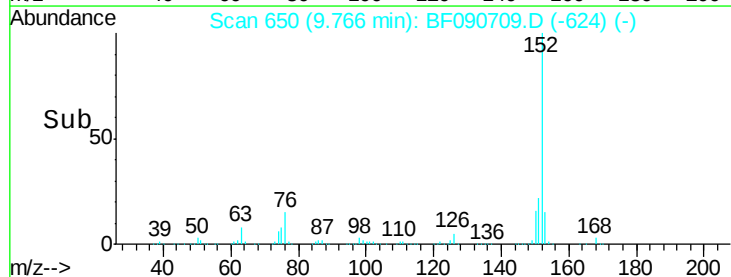
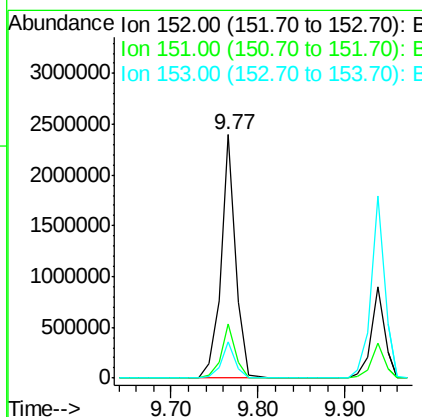
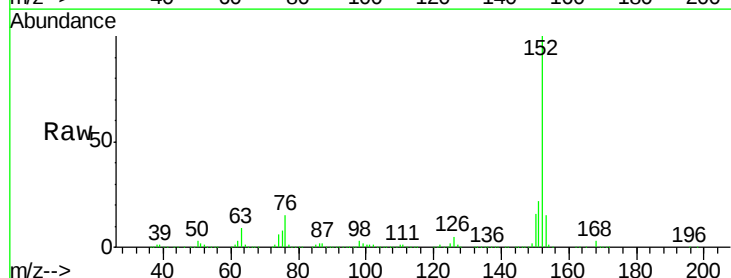
sohil

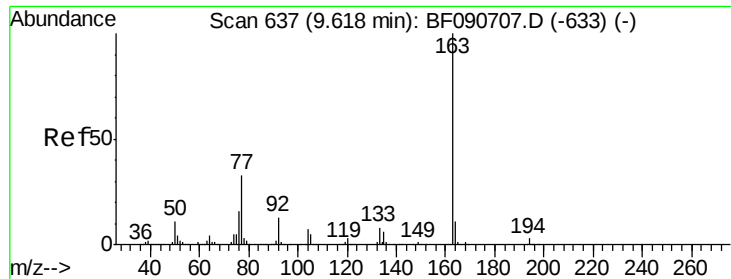
10/24/2016 3:50:55 PM



#48
Acenaphthylene
Concen: 47.98 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	14.6	22.0
153	14.8	10.3	15.5



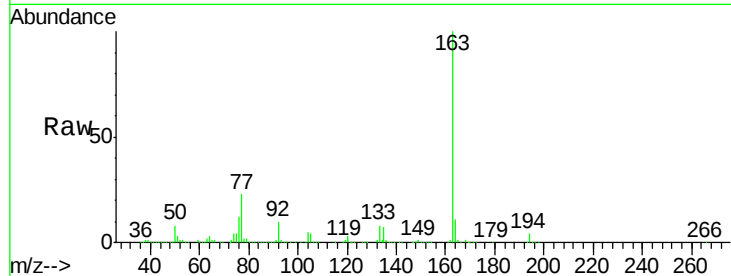


#49
Dimethylphthalate
Concen: 69.80 ng
RT: 9.64 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

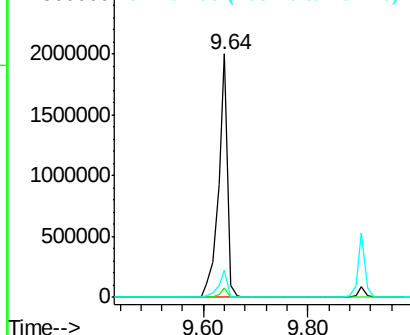
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 2381241
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 11.2 8.3 12.5

Manual Integrations
APPROVED

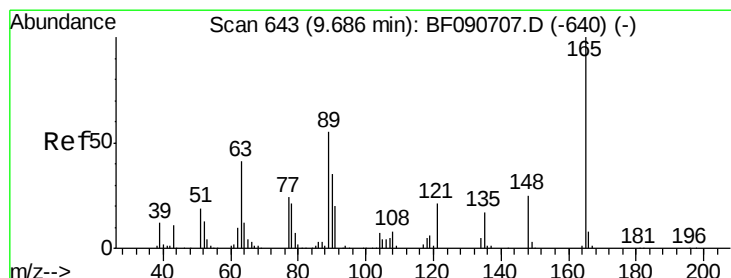
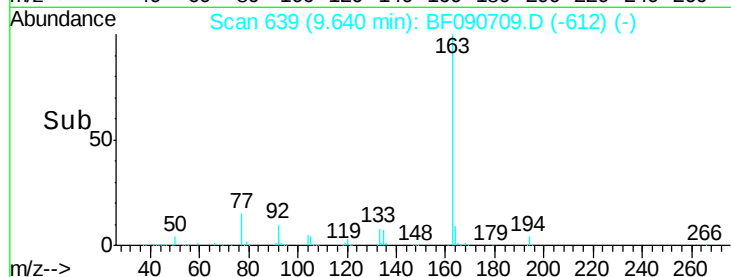


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



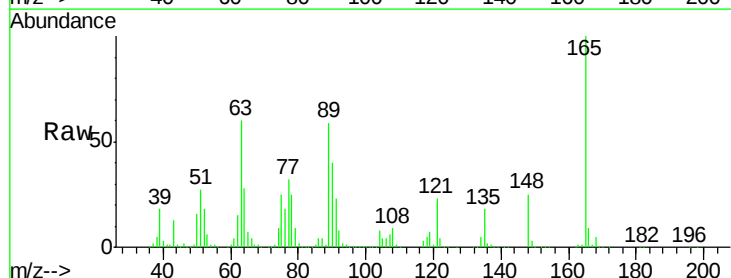
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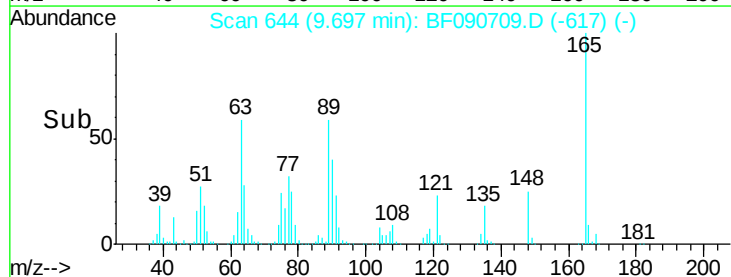
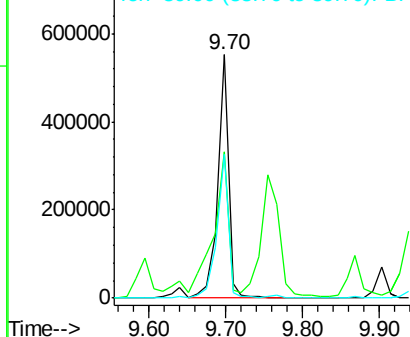


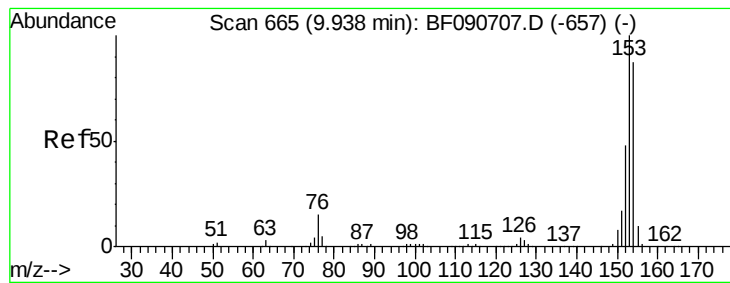
#50
2,6-Dinitrotoluene
Concen: 67.08 ng
RT: 9.70 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion:165 Resp: 535259
Ion Ratio Lower Upper
165 100
63 60.2 32.3 48.5#
89 59.3 28.6 43.0#



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: 53.78 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1958182

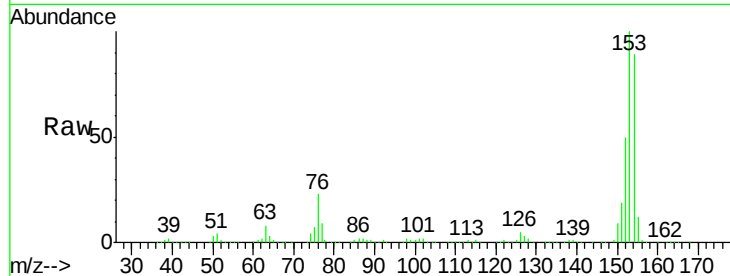
Ion Ratio Lower Upper

154 100

153 112.7 82.1 123.1

152 56.4 37.9 56.9

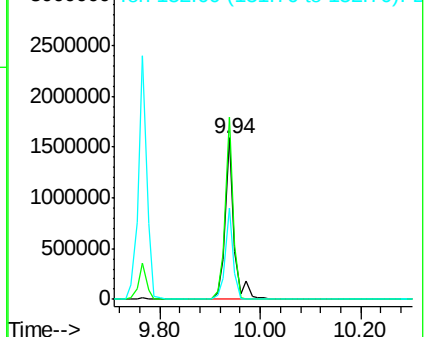
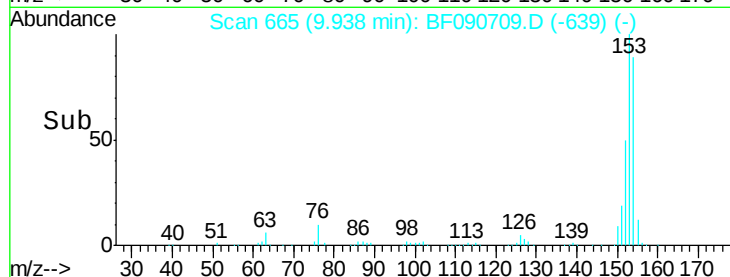
Manual Integrations
APPROVED



Abundance Ion 154.00 (153.70 to 154.70): E

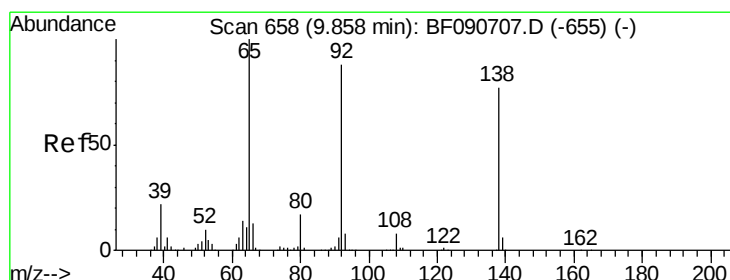
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 59.68 ng

RT: 9.87 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

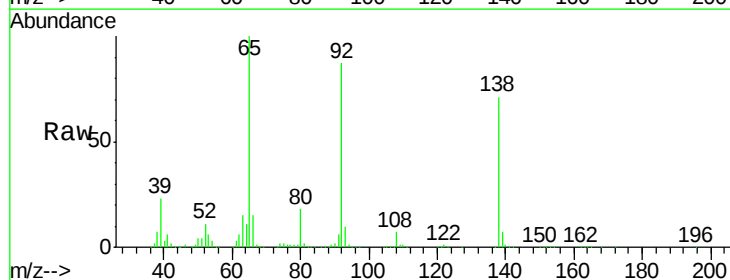
Tgt Ion:138 Resp: 592451

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

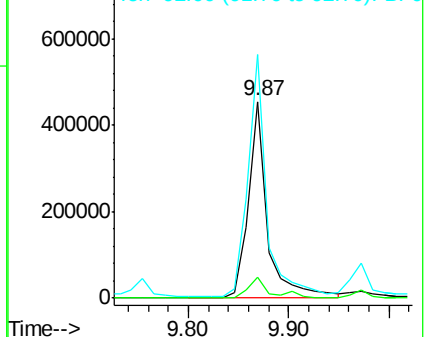
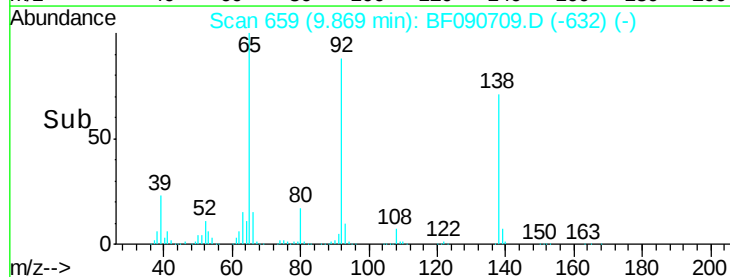
92 123.7 67.7 101.5#

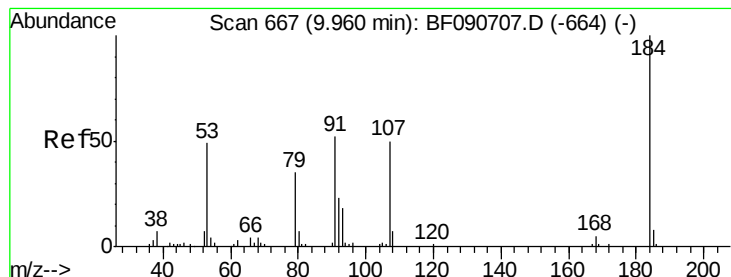


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 71.67 ng

RT: 9.97 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 313473

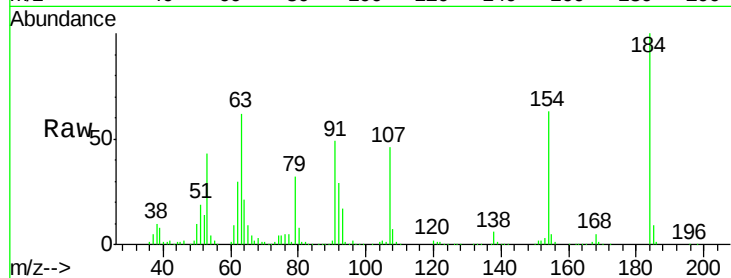
Ion Ratio Lower Upper

184 100

63 61.7 35.4 53.2#

154 63.0 32.2 48.4#

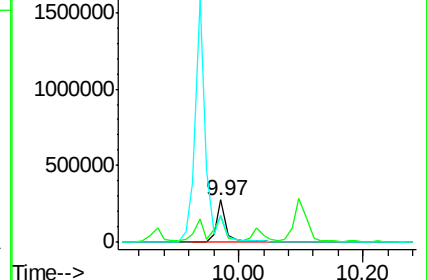
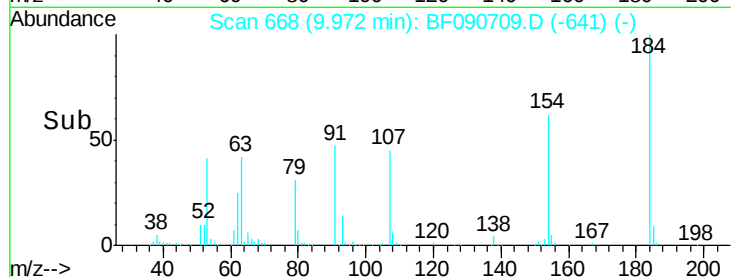
Manual Integrations
APPROVED



Abundance Ion 184.00 (183.70 to 184.70): E

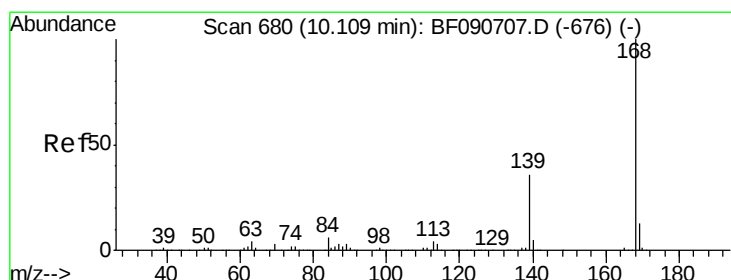
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



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#54

Dibenzofuran

Concen: 52.71 ng

RT: 10.11 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

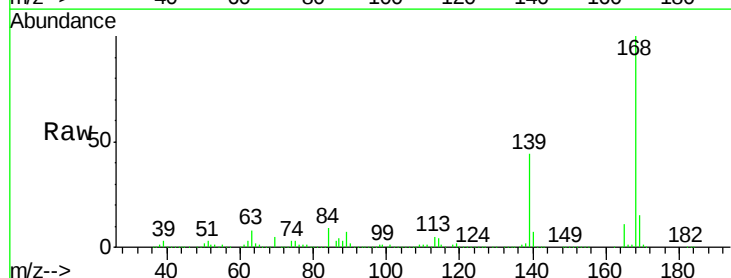
Tgt Ion:168 Resp: 2426667

Ion Ratio Lower Upper

168 100

139 44.4 24.2 36.2#

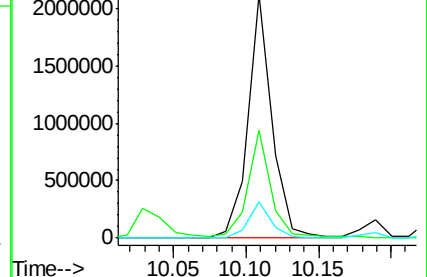
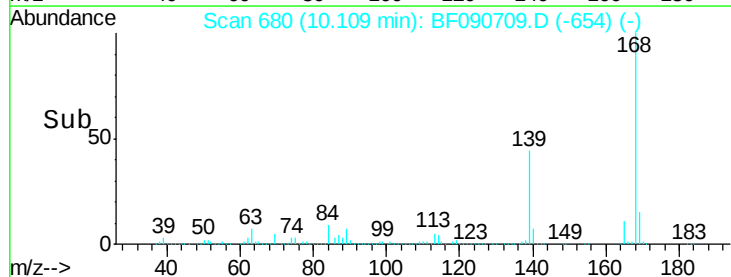
169 14.8 10.6 15.8

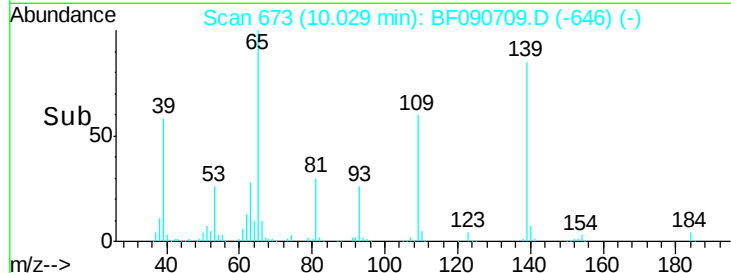
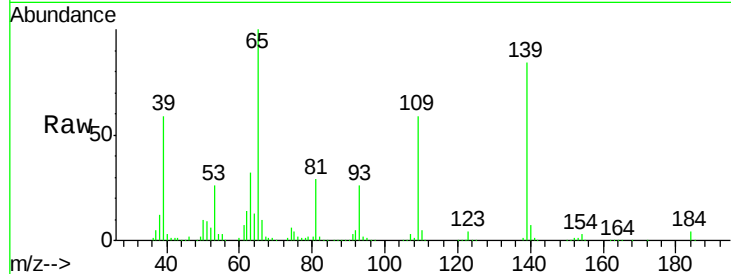
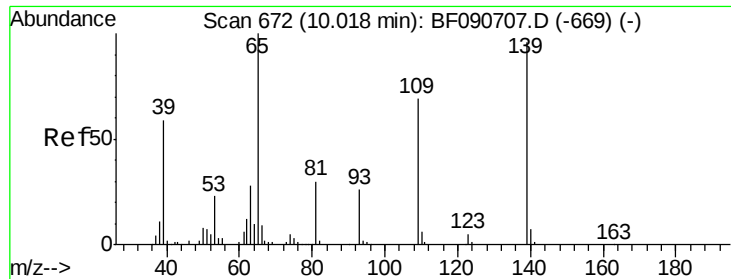


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



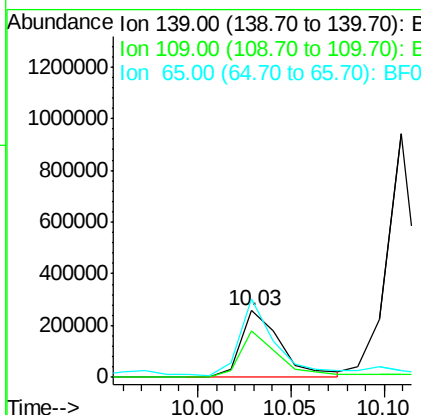


#55
4-Nitrophenol
Concen: 47.56 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.3	12.7	52.7#	
65	118.9	45.9	85.9#	

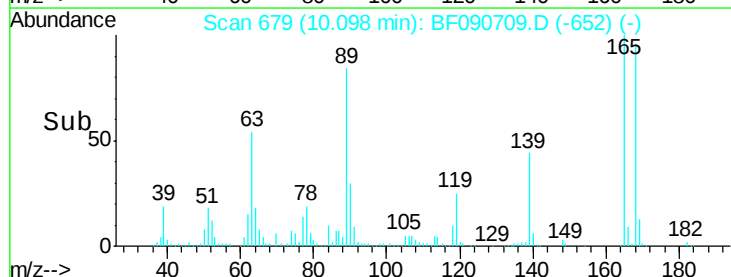
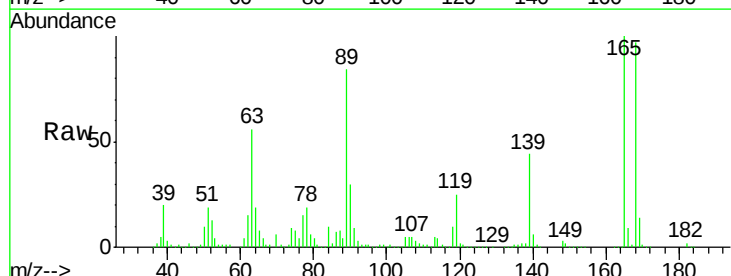
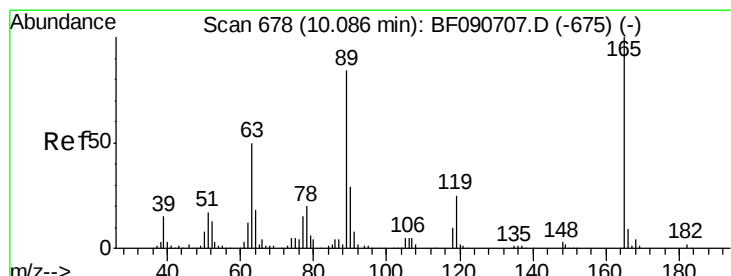
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Manual Integrations
APPROVED



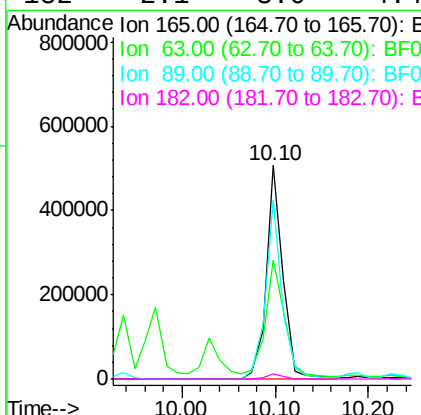
sohil

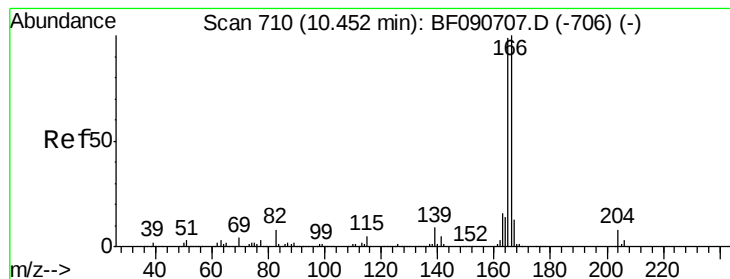
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#56
2,4-Dinitrotoluene
Concen: 64.13 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	29.8	44.6#	
89	83.7	44.5	66.7#	
182	2.1	3.0	4.4#	





#57

Fluorene

Concen: 45.46 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 1835272

Ion Ratio Lower Upper

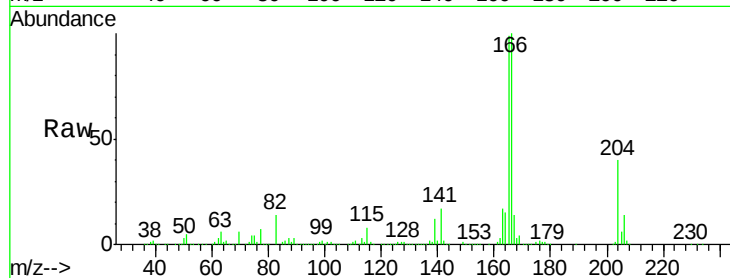
166 100

165 99.4 72.6 109.0

167 14.2 10.6 16.0

Manual Integrations

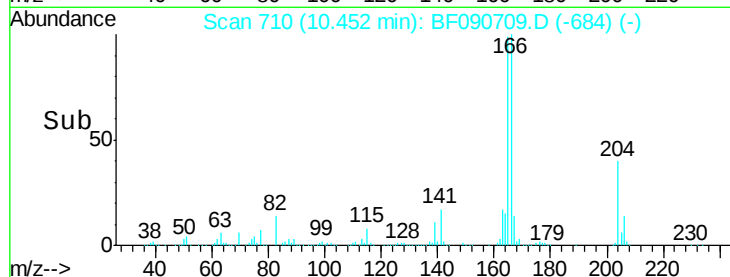
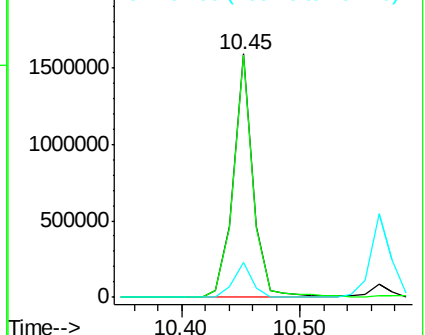
APPROVED



Abundance Ion 166.00 (165.70 to 166.70): E

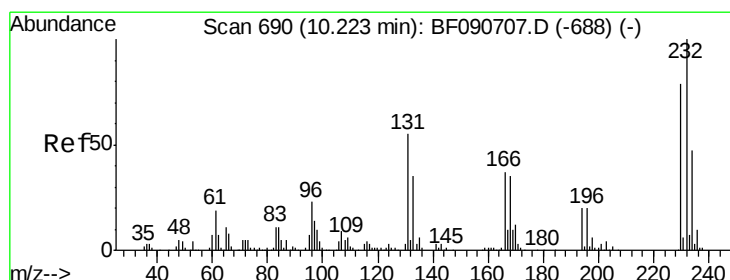
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 78.57 ng

RT: 10.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Tgt Ion:232 Resp: 577814

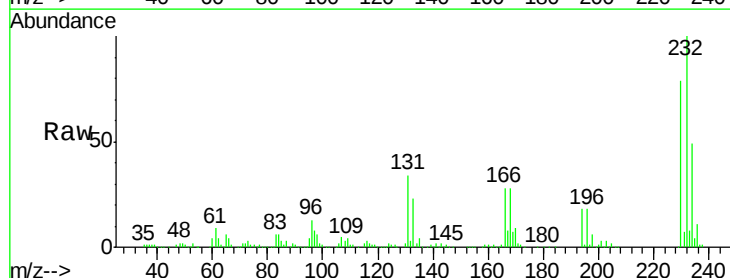
Ion Ratio Lower Upper

232 100

131 51.7 38.5 57.7

130 2.3 1.8 2.6

166 33.6 25.0 37.6

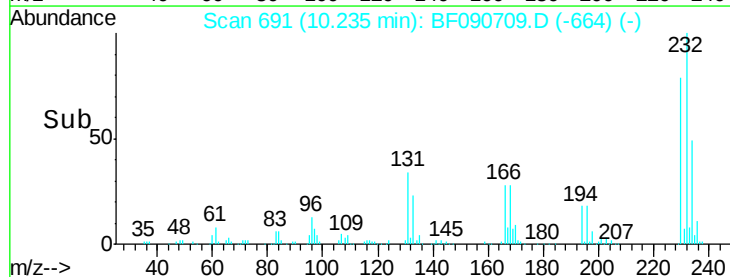
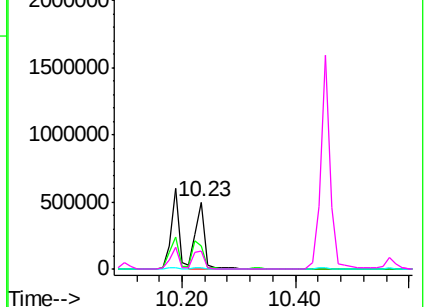


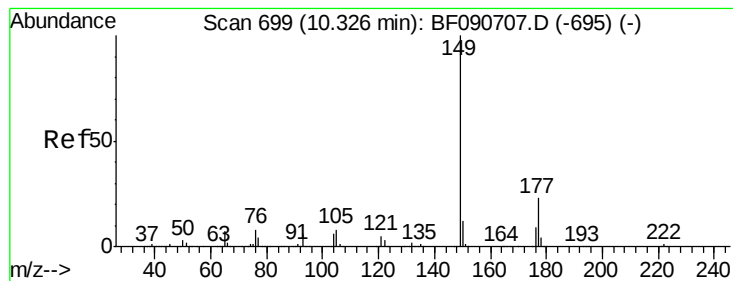
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 72.12 ng

RT: 10.34 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2466643

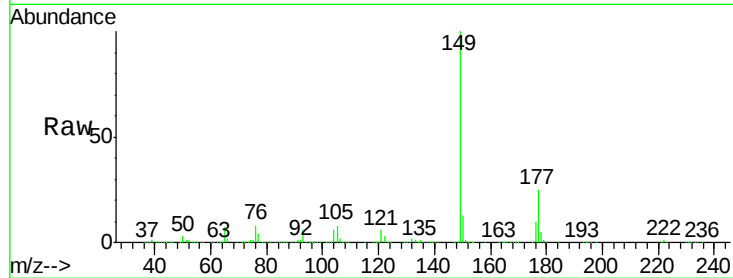
Ion Ratio Lower Upper

149 100

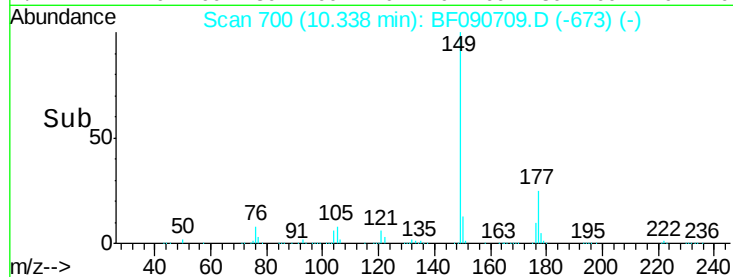
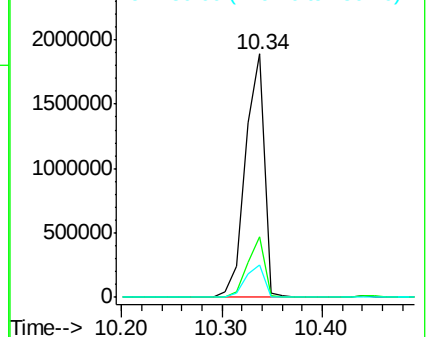
177 24.7 17.5 26.3

150 13.1 9.4 14.2

Manual Integrations
APPROVED

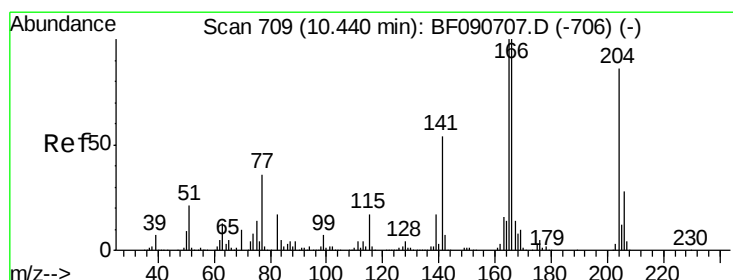


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



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#60

4-Chlorophenyl-phenylether

Concen: 62.58 ng

RT: 10.44 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

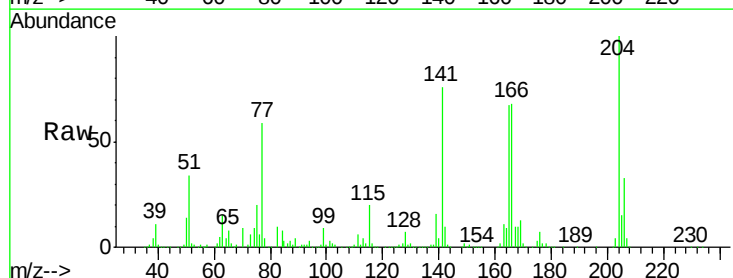
Tgt Ion:204 Resp: 998554

Ion Ratio Lower Upper

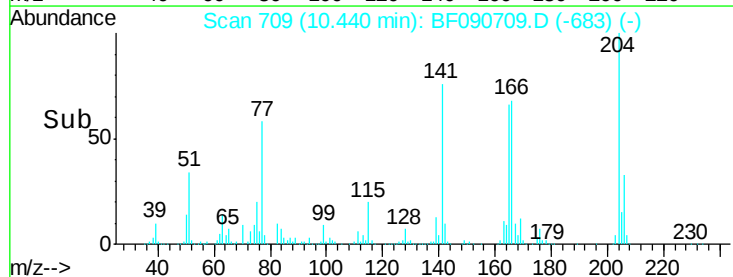
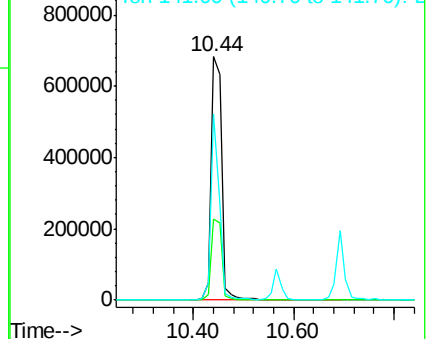
204 100

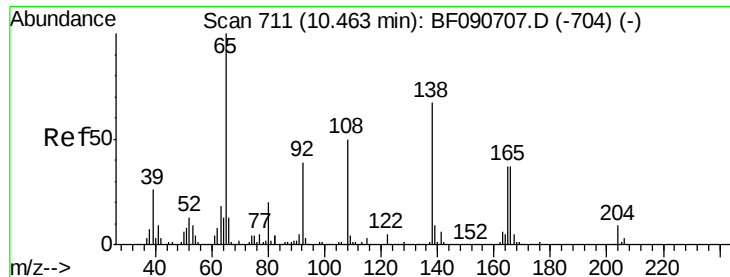
206 33.4 24.8 37.2

141 76.3 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



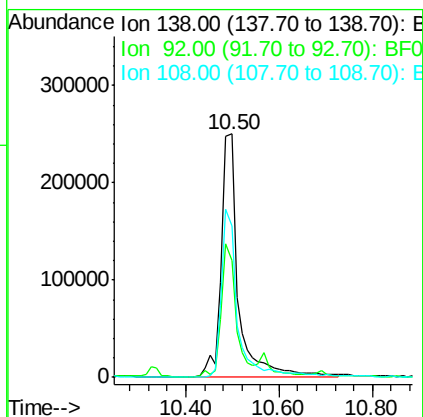
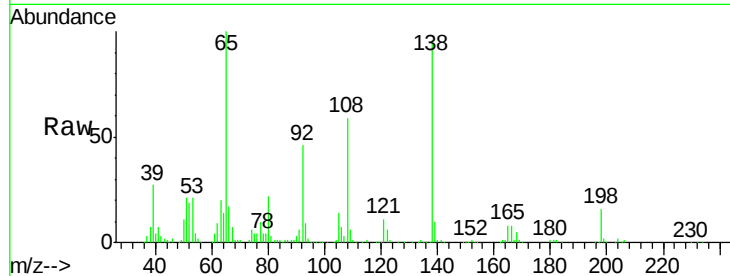


#61
4-Nitroaniline
Concen: 63.17 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.02 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

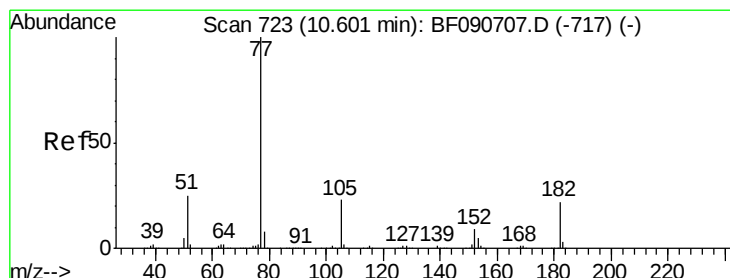
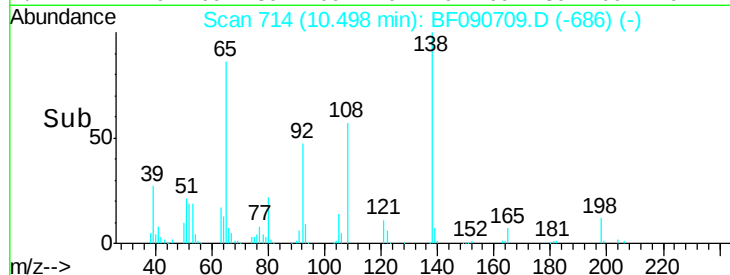
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	12.6	52.6
108	62.0	12.4	52.4

Manual Integrations
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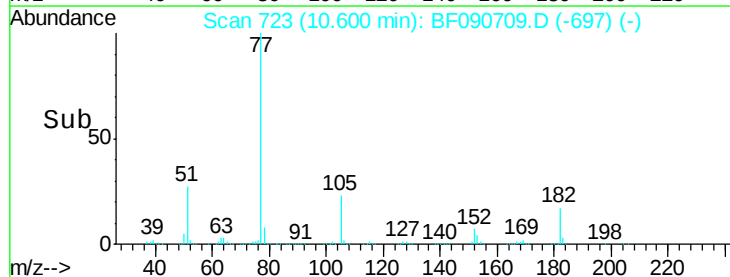
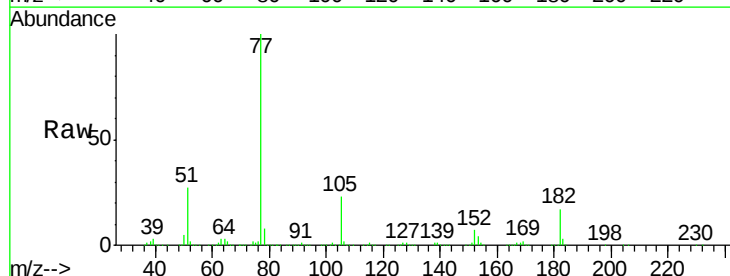
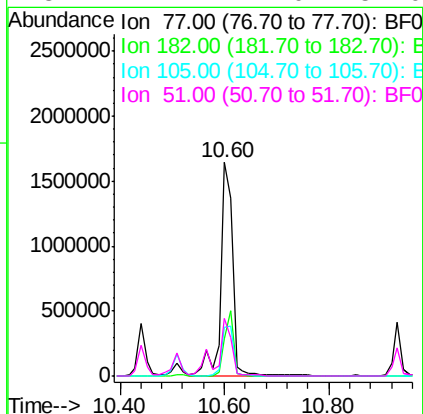
sohil

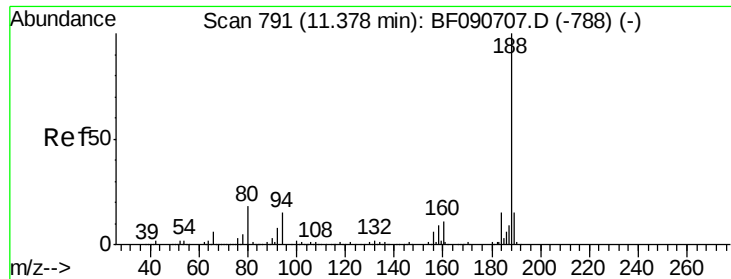
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#62
Azobenzene
Concen: 82.61 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.4	15.1	55.1
105	22.9	3.4	43.4
51	27.1	12.0	52.0



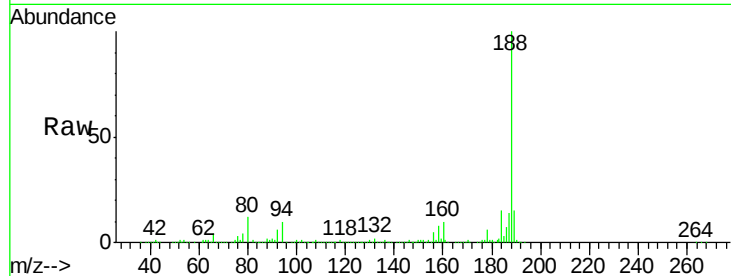


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	11.6	11.0	16.4

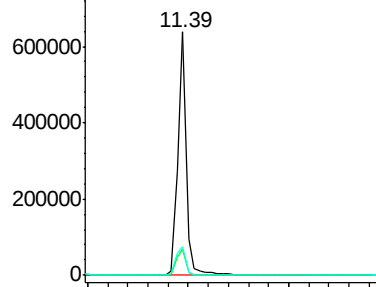
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

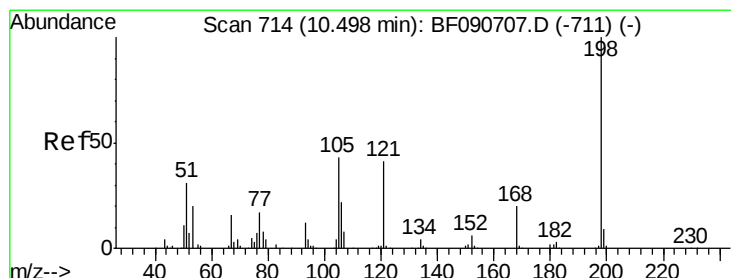
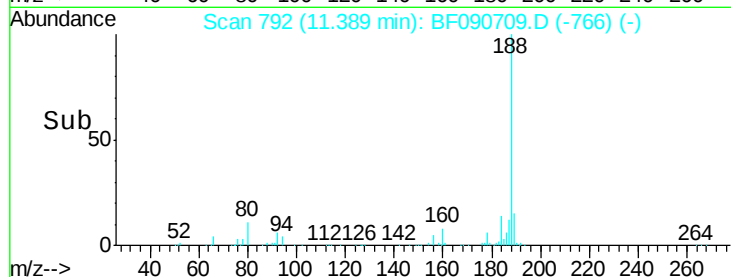
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



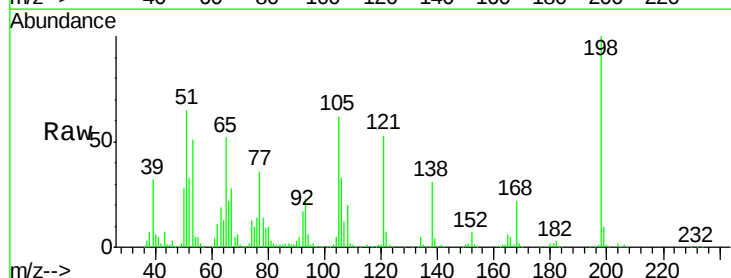
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#64
4,6-Dinitro-2-methylphenol
Concen: 85.04 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

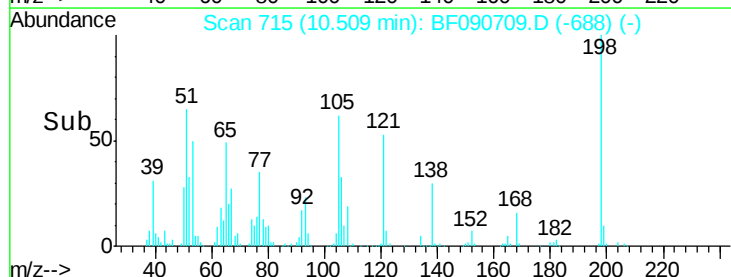
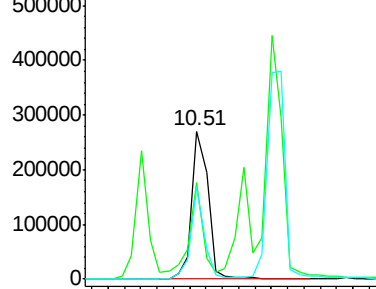
Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.3	39.6	79.6
105	61.7	28.5	68.5

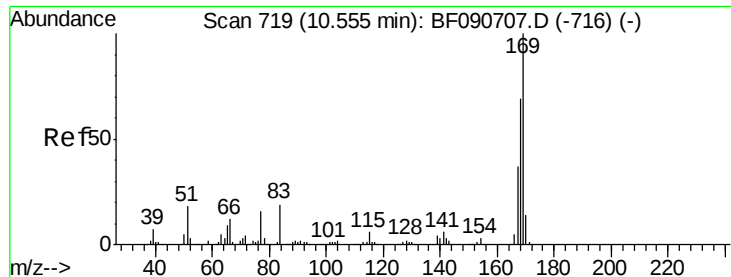


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 63.21 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:169 Resp: 1736715

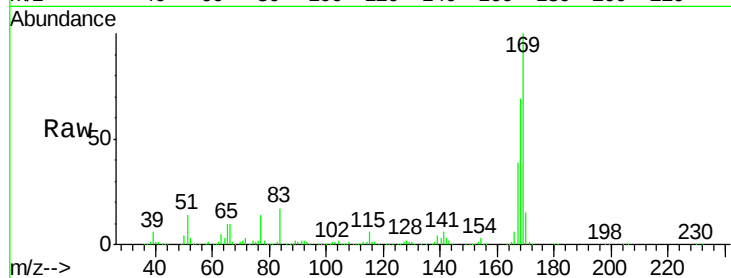
Ion Ratio Lower Upper

169 100

168 69.0 48.9 73.3

167 38.9 26.2 39.4

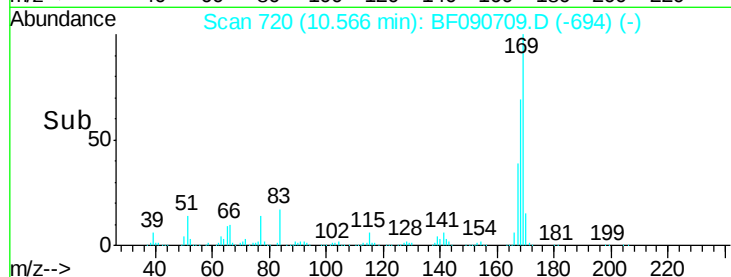
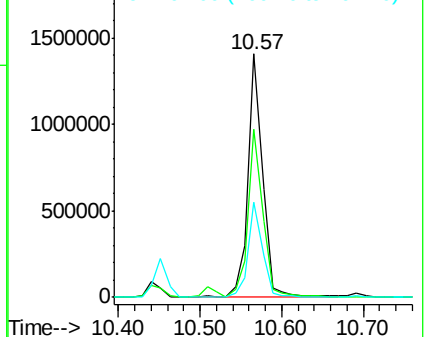
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E

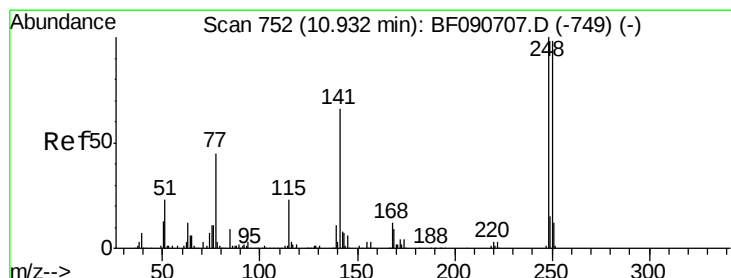
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 84.54 ng

RT: 10.93 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

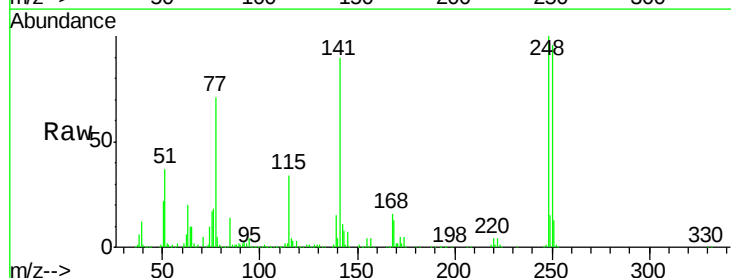
Tgt Ion:248 Resp: 582749

Ion Ratio Lower Upper

248 100

250 96.1 78.5 117.7

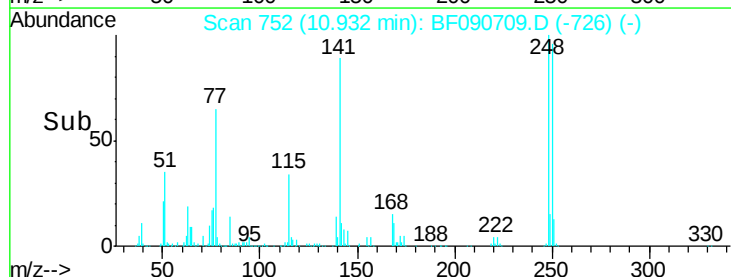
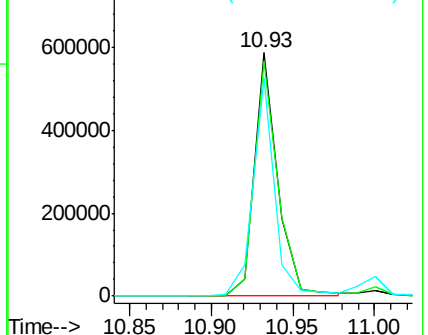
141 89.6 59.0 88.6#

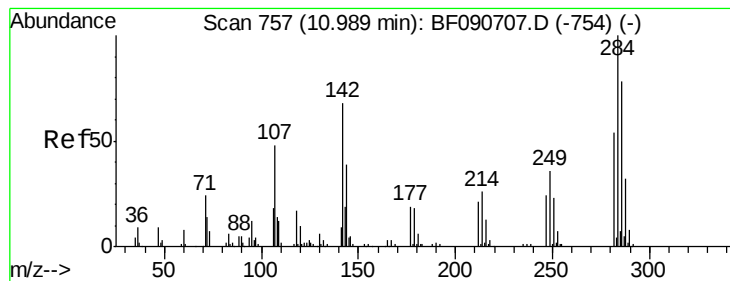


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



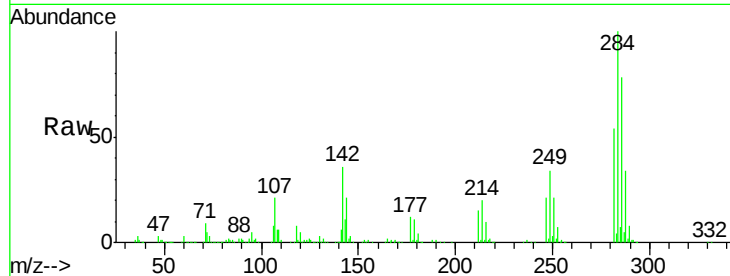


#67
Hexachlorobenzene
Concen: 92.37 ng
RT: 11.00 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

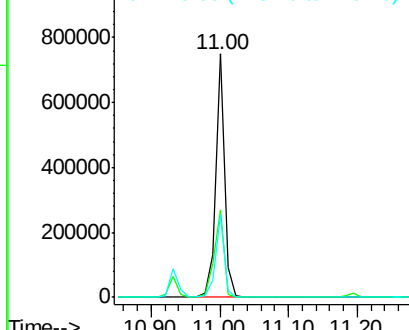
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.5	44.3
249	33.6	19.5	29.3

Manual Integrations
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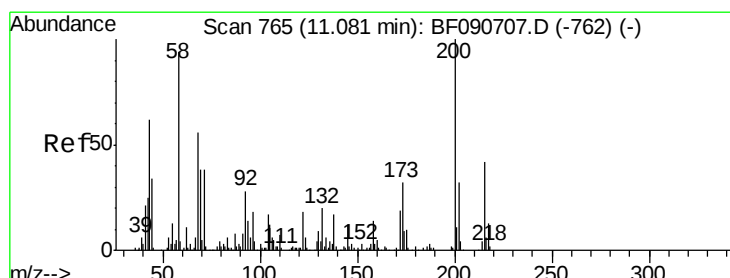
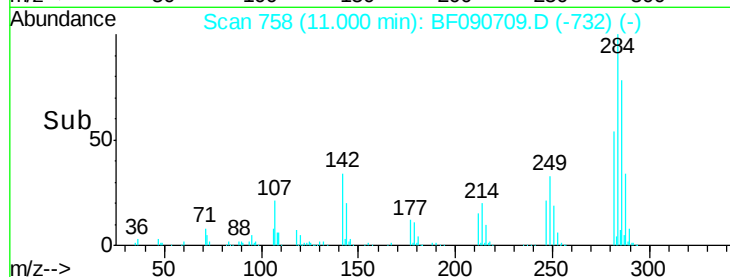


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



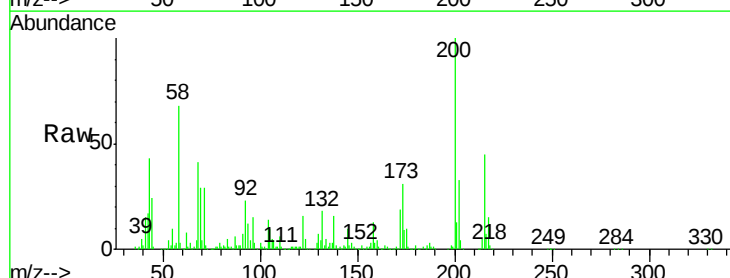
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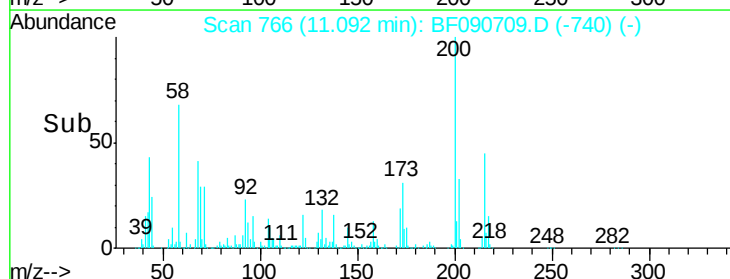
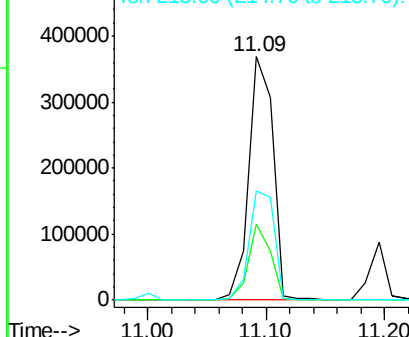


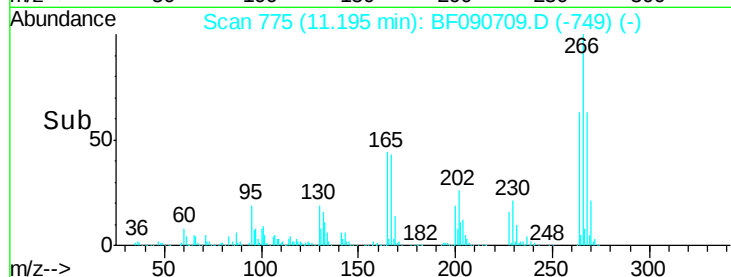
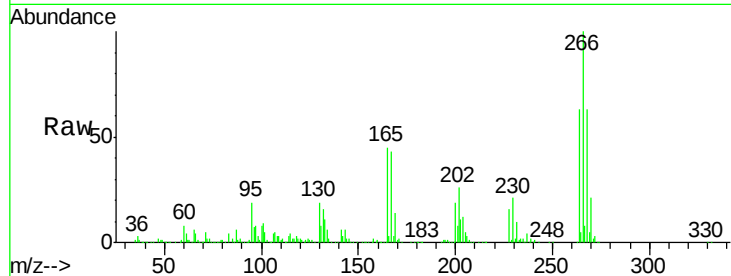
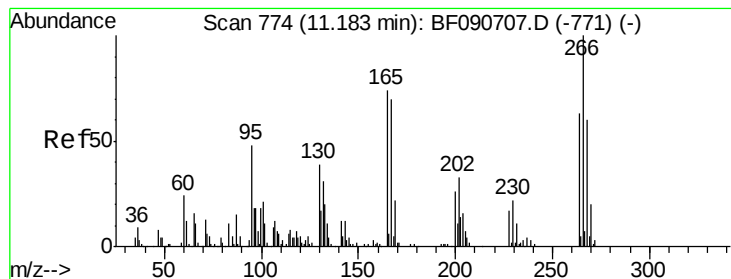
#68
Atrazine
Concen: 83.67 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.1	13.2	53.2
215	44.7	41.8	81.8



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: 90.20 ng

RT: 11.19 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Tot Ion:	266	Resp:	424835
Ion Ratio	Lower	Upper	
266	100		
268	63.2	49.8	74.6
264	63.2	50.2	75.2

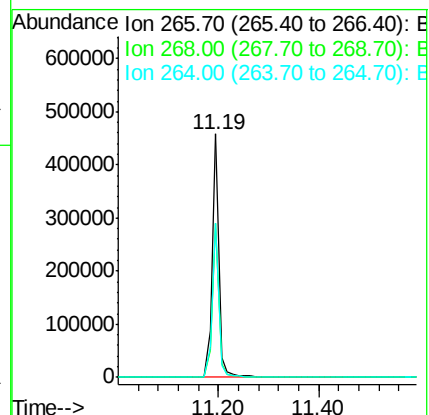
Instrument :

BNA_F

ClientSampleId :

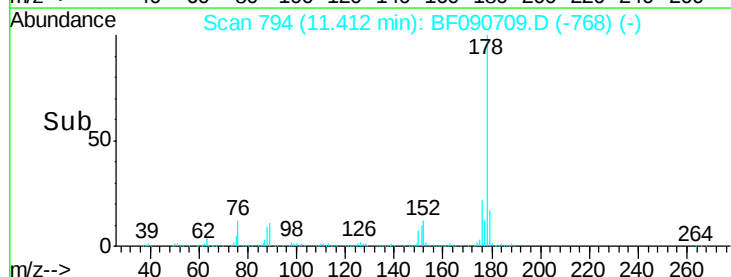
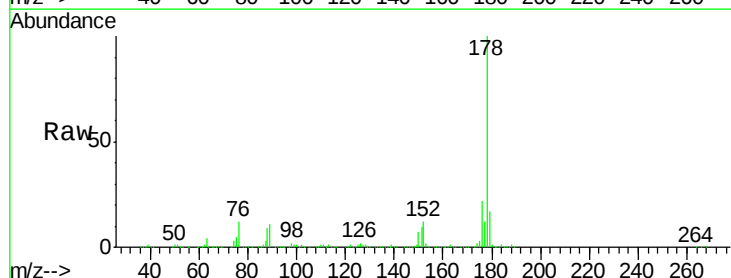
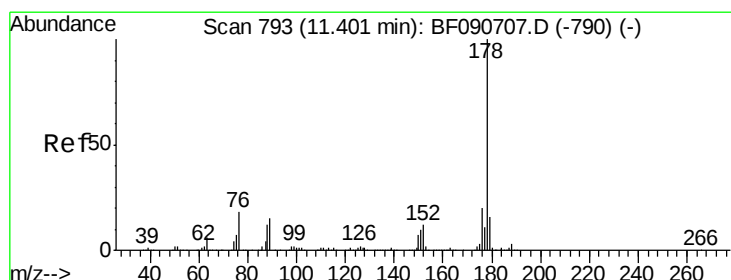
SSTDIC080

Manual Integrations
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#70

Phenanthrene

Concen: 56.28 ng

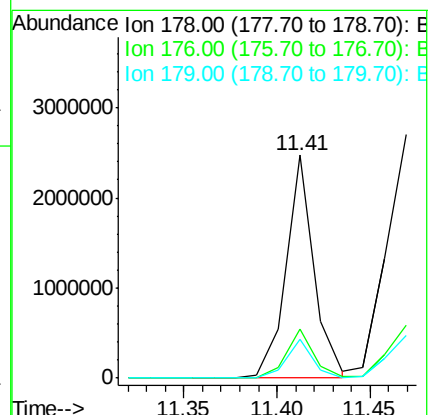
RT: 11.41 min Scan# 794

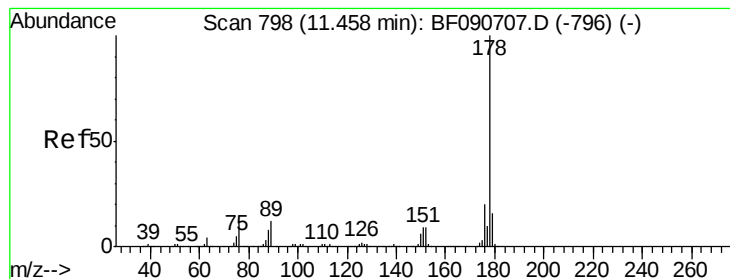
Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Tgt Ion:	178	Resp:	2587062
Ion Ratio	Lower	Upper	
178	100		
176	22.2	13.8	20.8#
179	17.3	12.2	18.2





#71

Anthracene

Concen: 69.44 ng

RT: 11.47 min Scan# 799

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 3163900

Ion Ratio Lower Upper

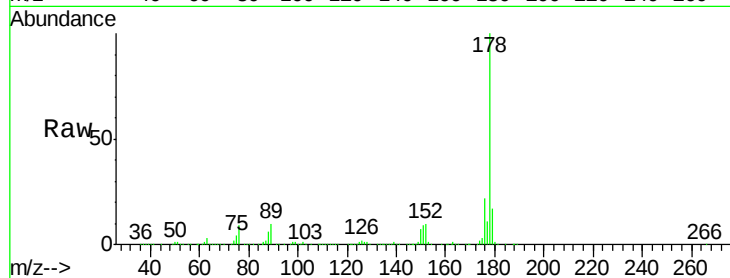
178 100

176 21.7 14.1 21.1#

179 17.3 12.2 18.2

Manual Integrations

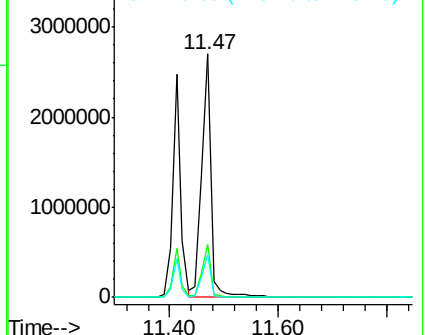
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Abundance Ion 178.00 (177.70 to 178.70): E

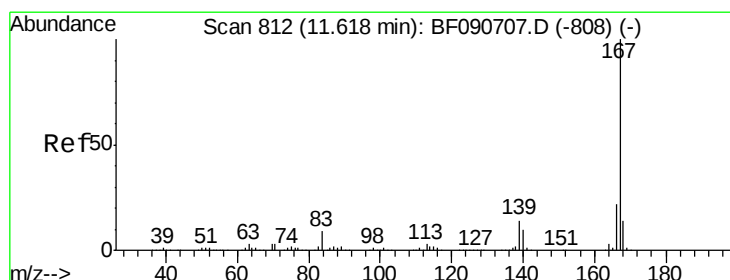
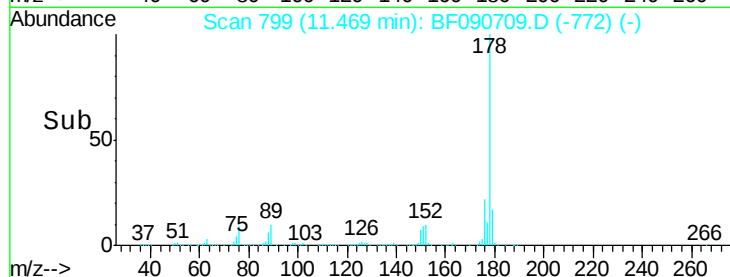
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#72

Carbazole

Concen: 60.08 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

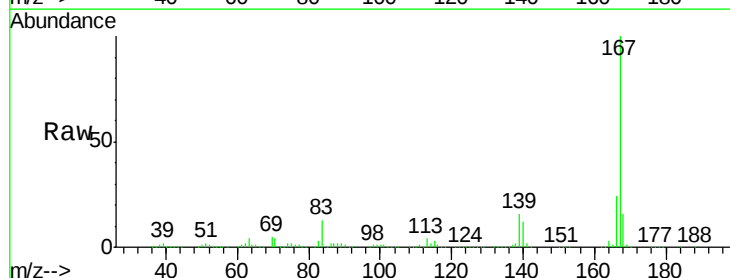
Tgt Ion:167 Resp: 2526668

Ion Ratio Lower Upper

167 100

166 23.6 15.7 23.5#

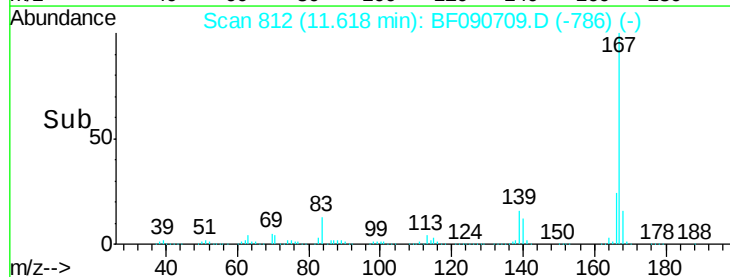
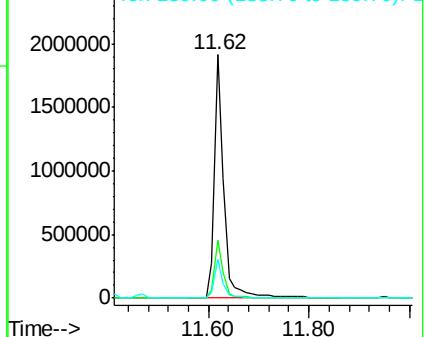
139 16.1 9.5 14.3#

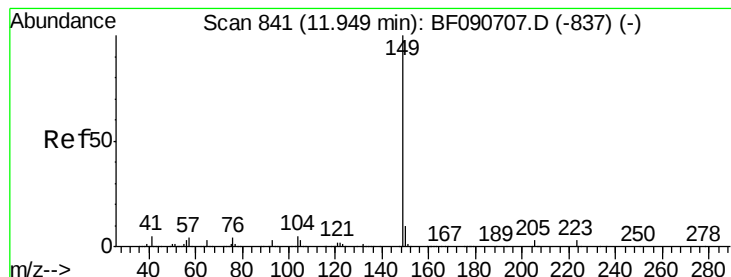


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.79 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2901364

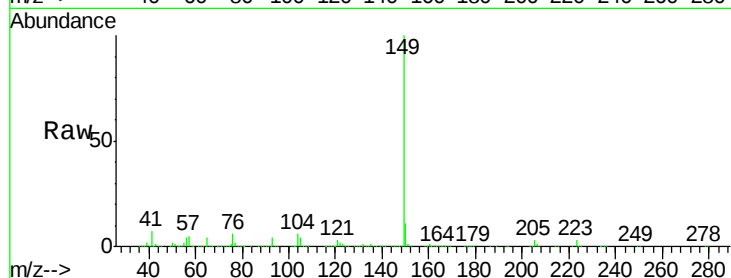
Ion Ratio Lower Upper

149 100

150 10.9 7.4 11.2

104 5.9 2.4 3.6#

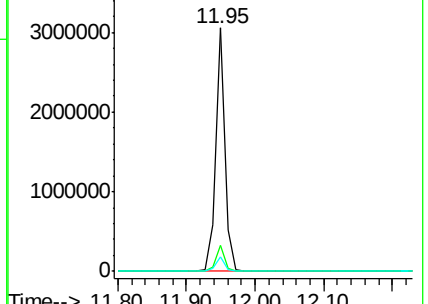
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

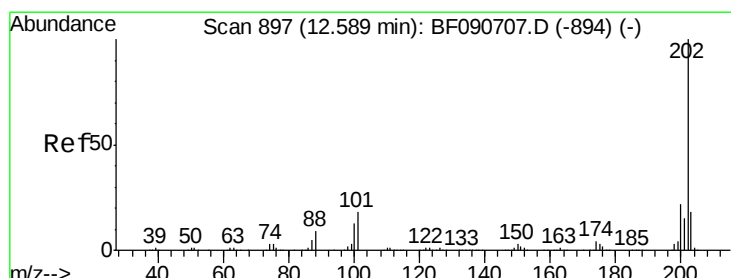
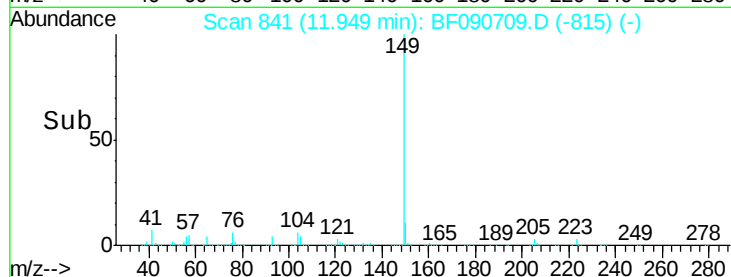
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 69.67 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

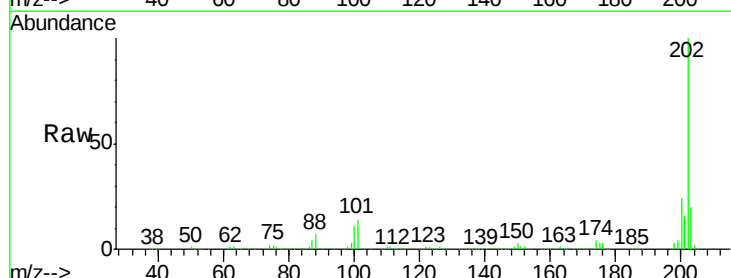
Tgt Ion:202 Resp: 2730433

Ion Ratio Lower Upper

202 100

101 14.2 0.0 38.3

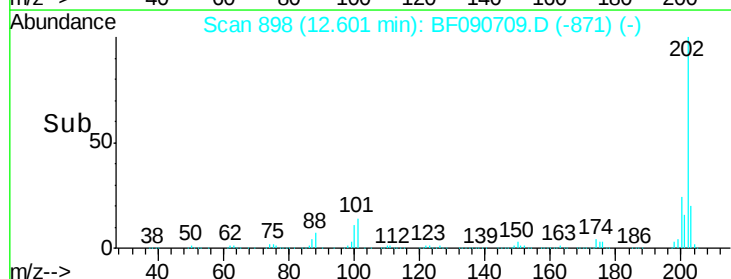
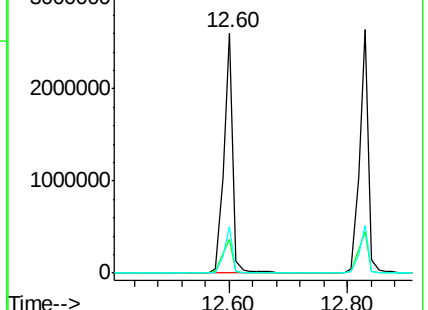
203 19.5 0.0 37.3

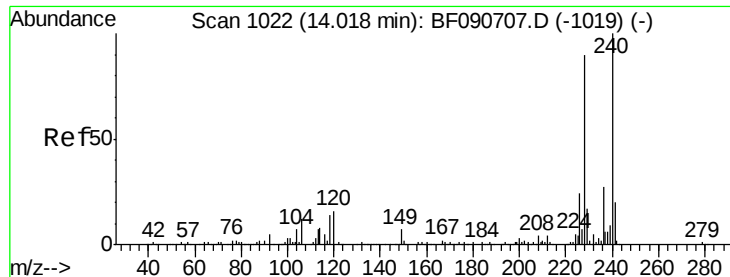


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

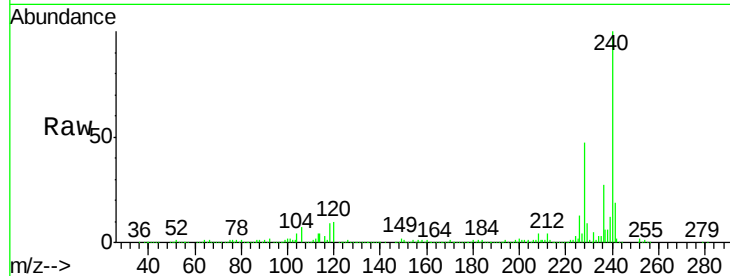
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	16.2	24.2#
236	27.3	18.4	27.6

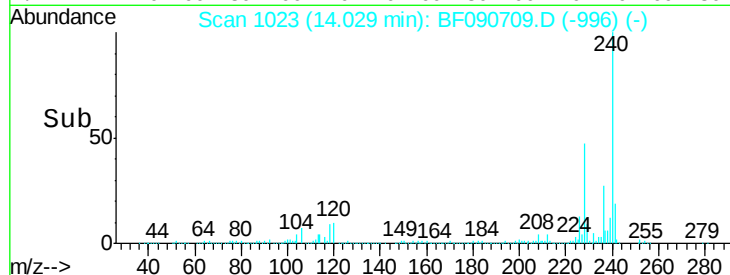
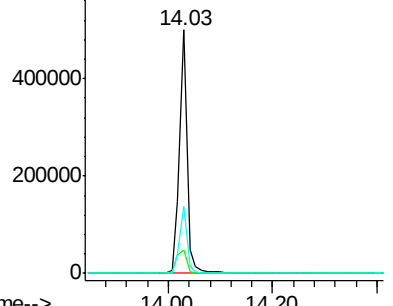
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

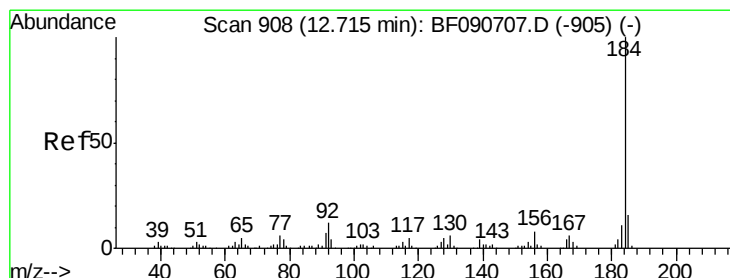
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 63.75 ng

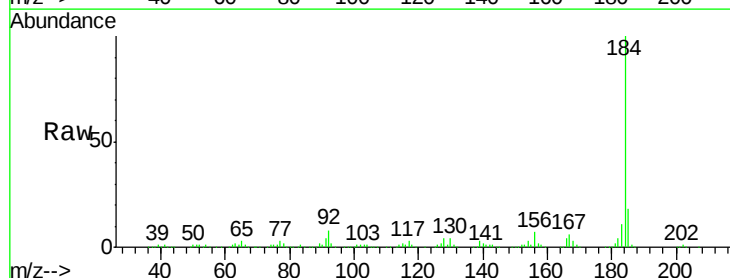
RT: 12.73 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

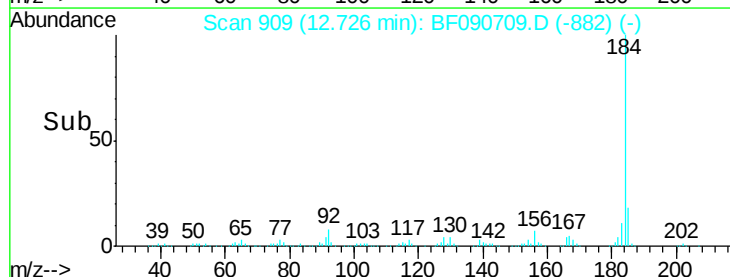
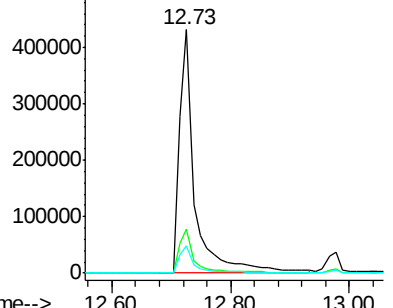
Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.8	17.6#
183	11.3	7.6	11.4

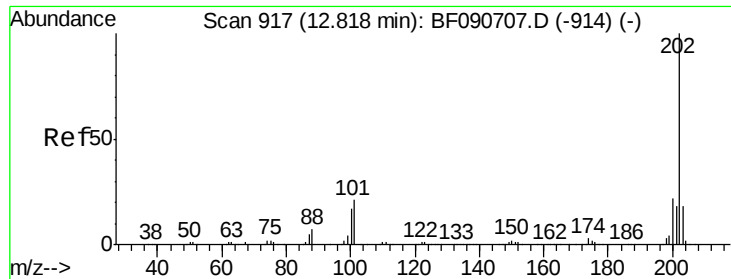


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



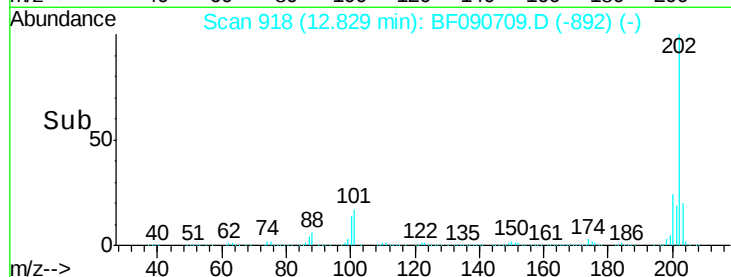
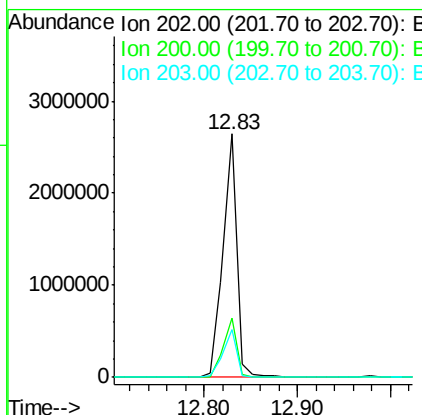
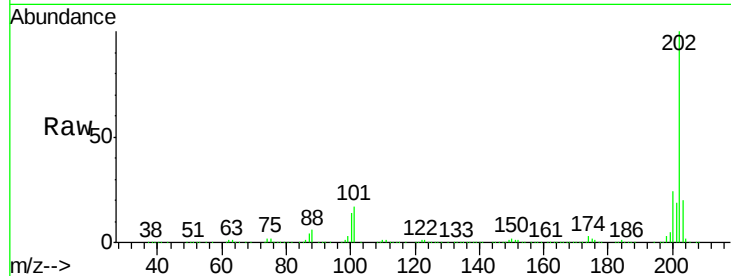


#77
Pvrene
Concen: 66.89 ng
RT: 12.83 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

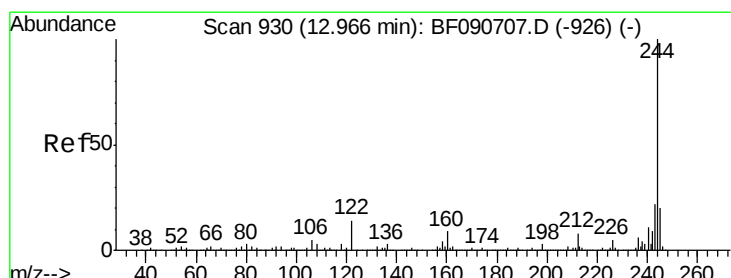
Tot Ion: 202 Resp: 2711451
Ion Ratio Lower Upper
202 100
200 24.4 15.0 22.4#
203 19.6 14.1 21.1

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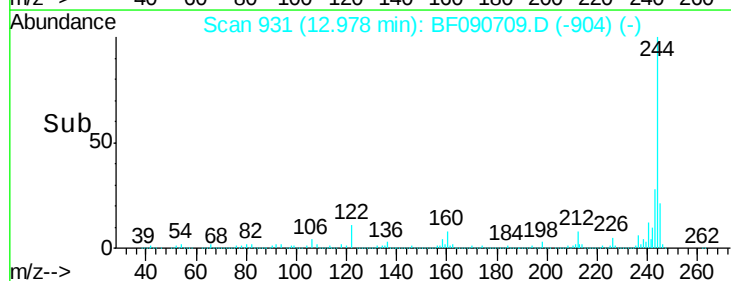
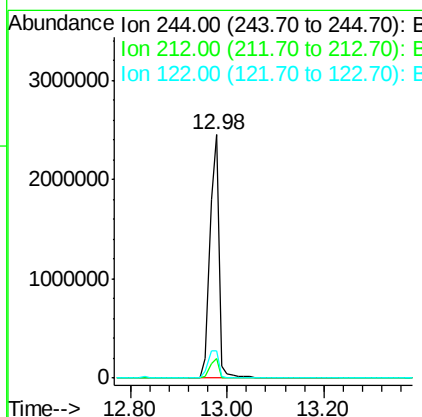
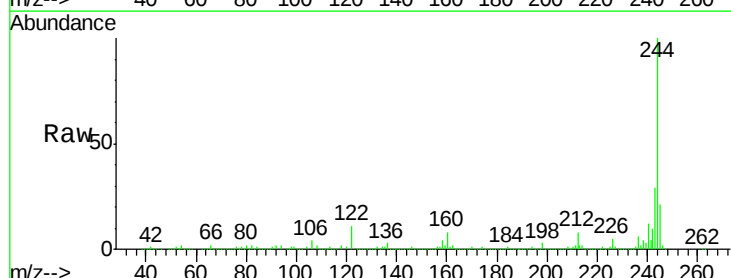
sohil

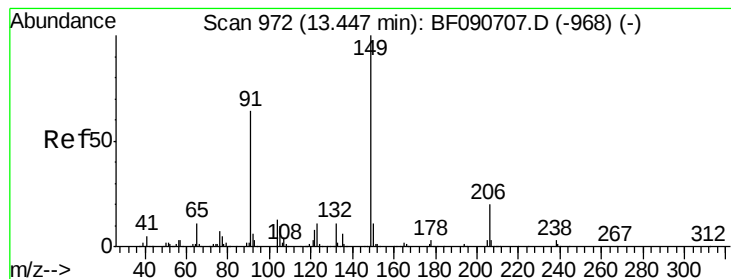
10/24/2016 3:50:55 PM



#78
Terphenyl-d14
Concen: 128.26 ng
RT: 12.98 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion: 244 Resp: 3284671
Ion Ratio Lower Upper
244 100
212 7.8 4.3 6.5#
122 11.5 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 71.34 ng

RT: 13.45 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1327329

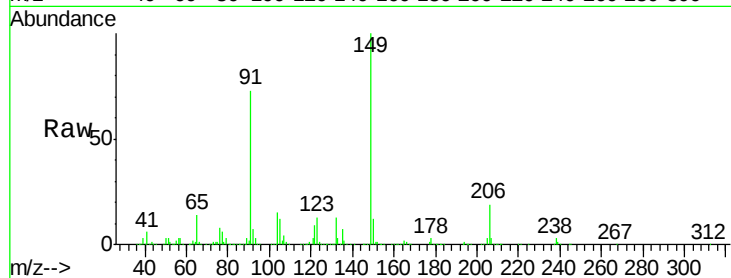
Ion Ratio Lower Upper

149 100

91 73.4 48.6 72.8#

206 19.2 14.9 22.3

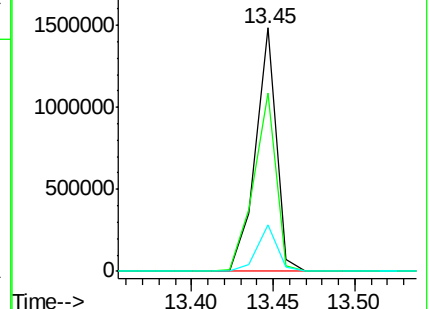
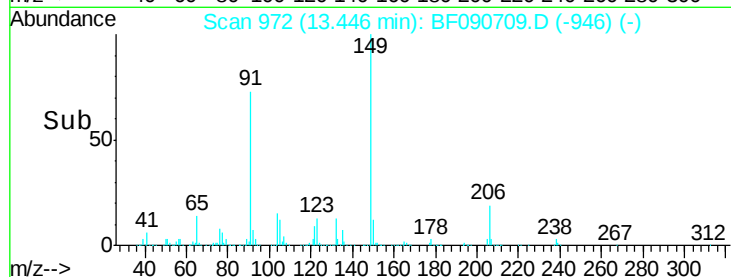
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

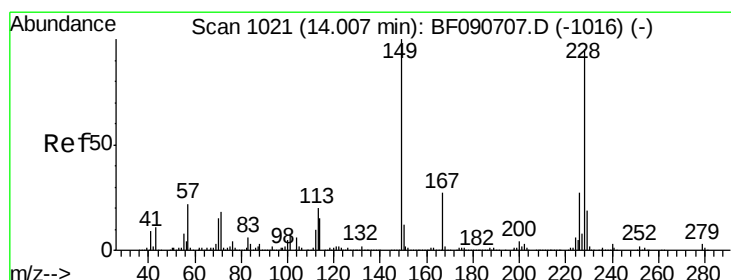
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



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#80

Benzo(a)anthracene

Concen: 67.38 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF090709.D

Acq: 21 Oct 2016 13:14

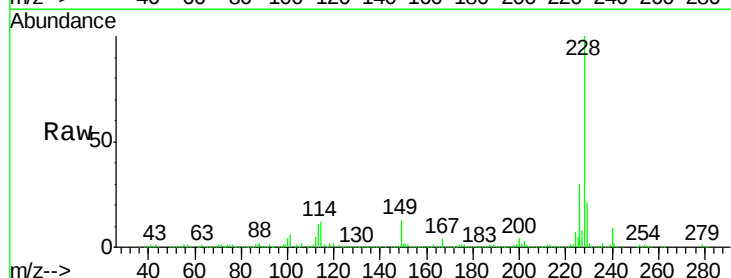
Tgt Ion:228 Resp: 2070947

Ion Ratio Lower Upper

228 100

226 29.5 20.0 30.0

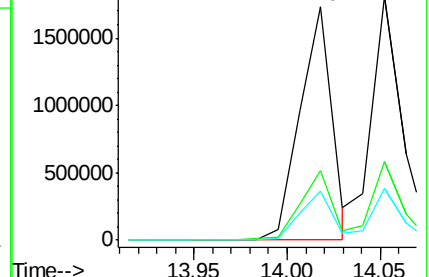
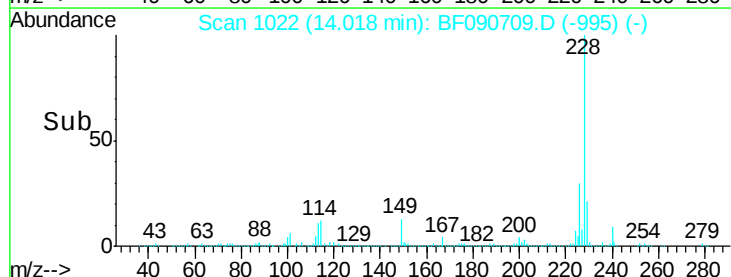
229 20.8 15.4 23.2

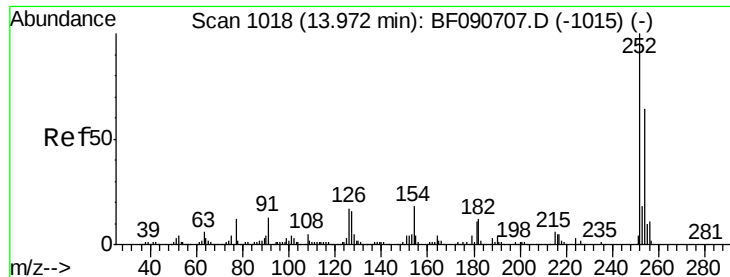


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



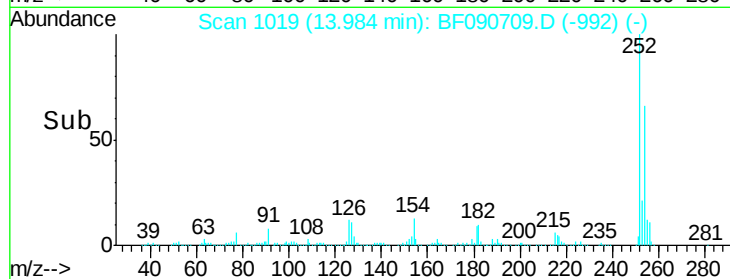
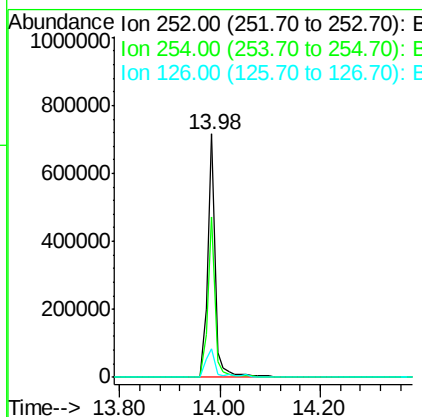
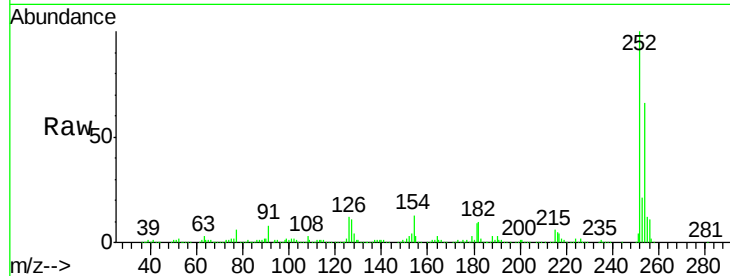


#81
 3,3'-Dichlorobenzidine
 Concen: 79.94 ng
 RT: 13.98 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

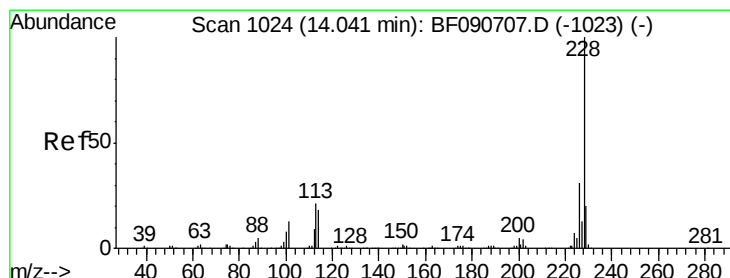
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.2
126	11.5	16.4	24.6

Manual Integrations
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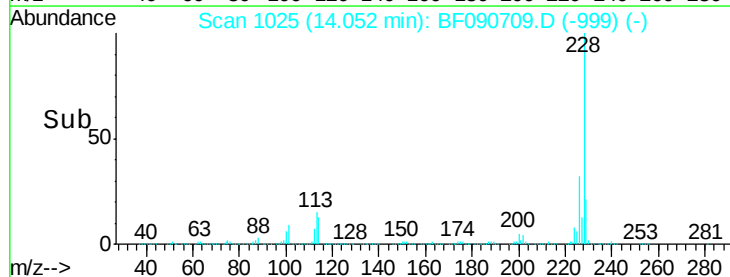
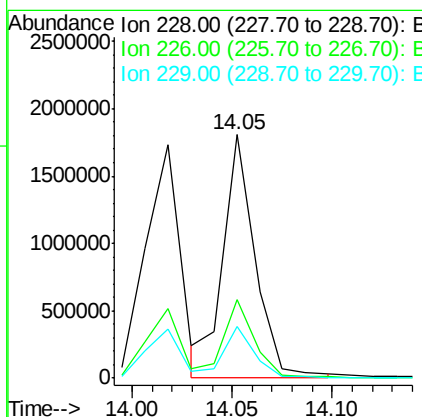
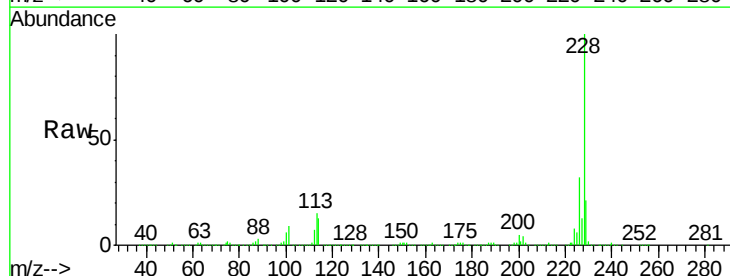
sohil

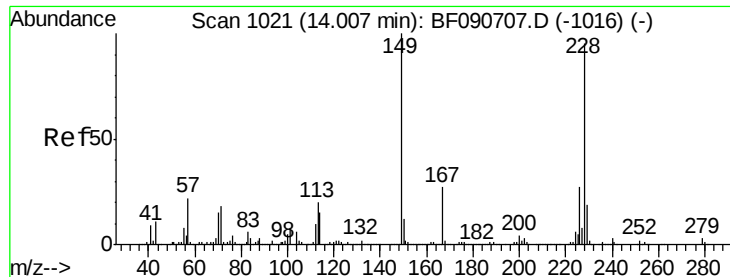
10/24/2016 3:50:55 PM



#82
 Chrysene
 Concen: 67.50 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.0	31.4
229	20.9	15.6	23.4



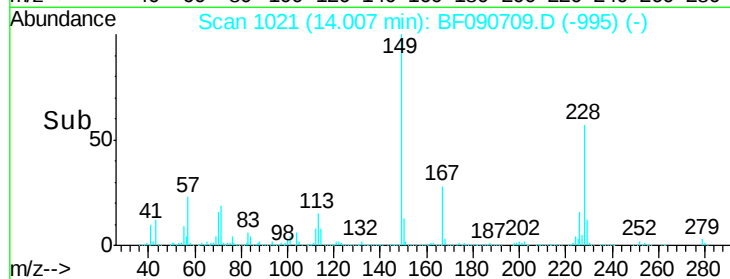
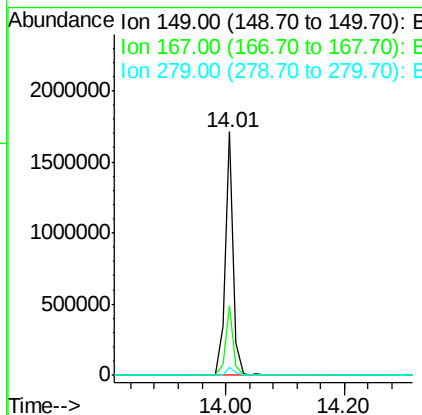
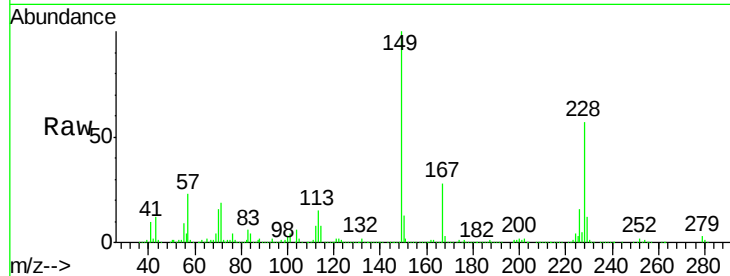


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.36 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

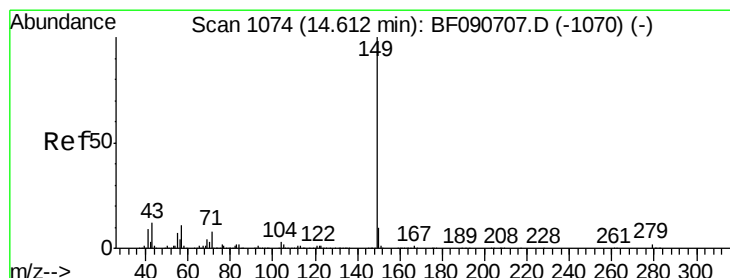
Tot Ion:149 Resp: 1592147
 Ion Ratio Lower Upper
 149 100
 167 28.5 24.2 36.2
 279 3.4 3.8 5.6#

Manual Integrations
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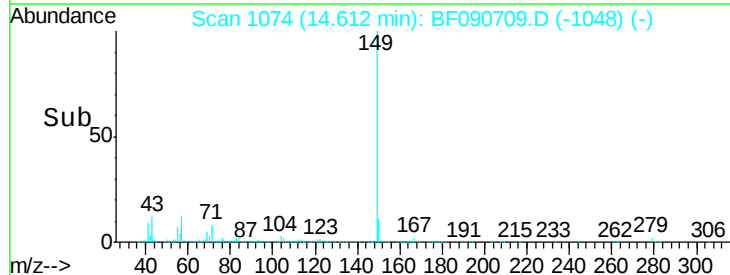
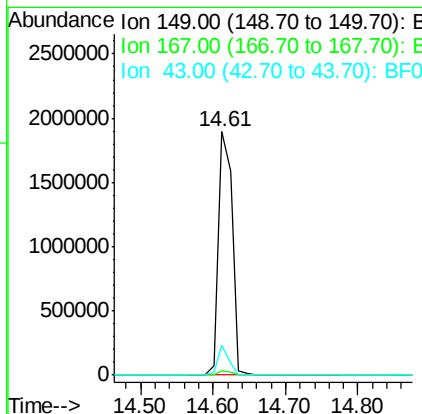
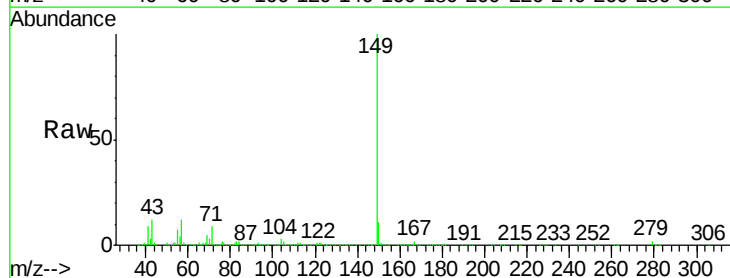
sohil

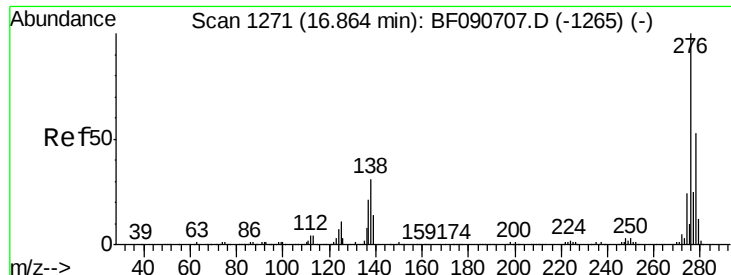
10/24/2016 3:50:55 PM



#84
 Di-n-octyl phthalate
 Concen: 63.19 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Tgt Ion:149 Resp: 2492800
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.7 10.2 15.2#



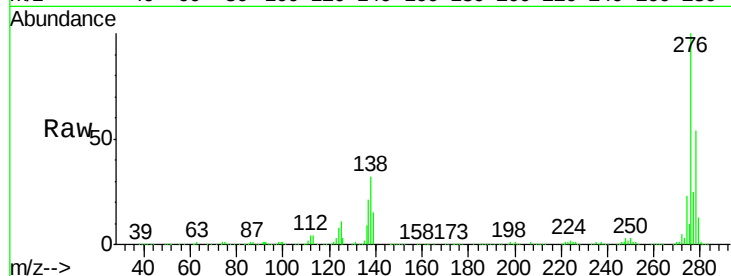


#85
Indeno(1,2,3-cd)pyrene
Concen: 67.64 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

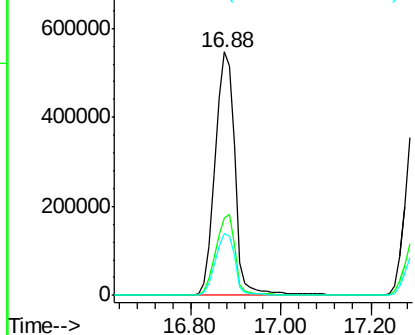
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.7	38.5
277	25.4	15.6	23.4

Manual Integrations
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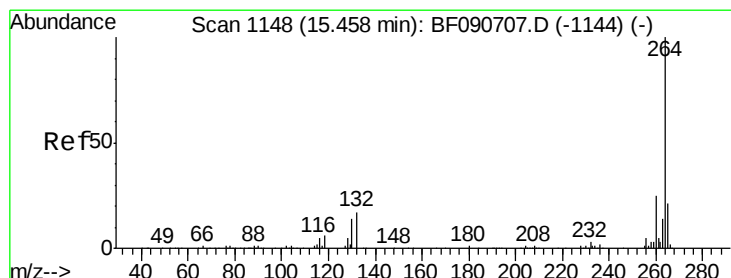
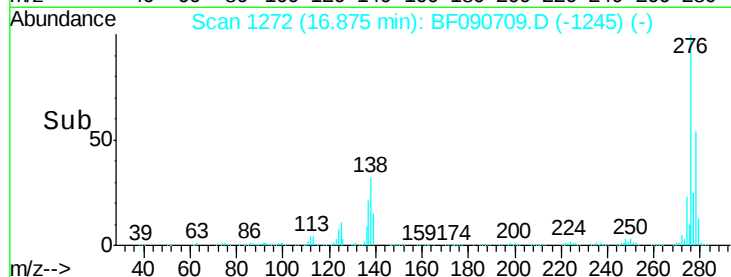


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



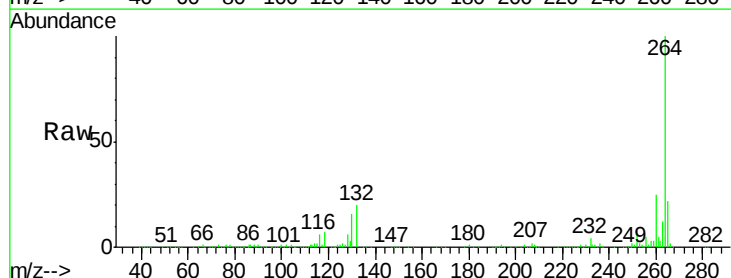
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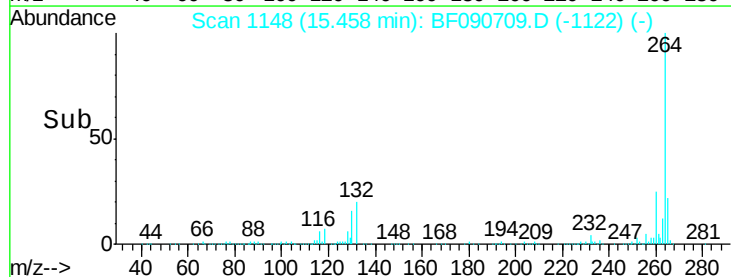
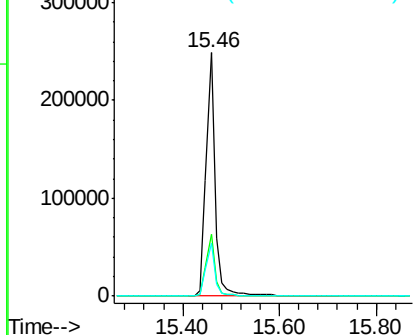


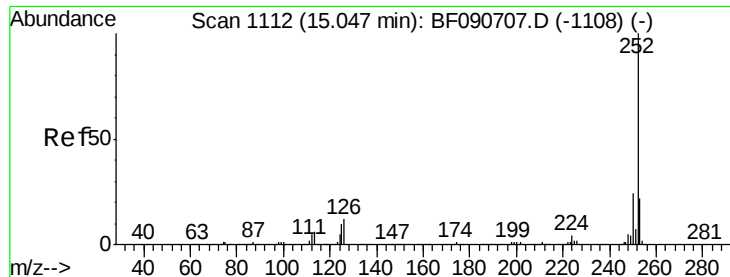
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



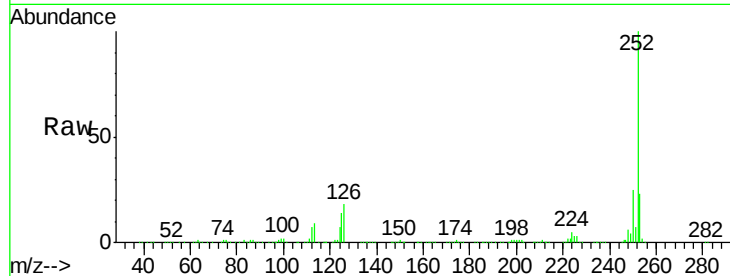


#87
Benzo(b)fluoranthene
Concen: 78.14 ng m
RT: 15.05 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

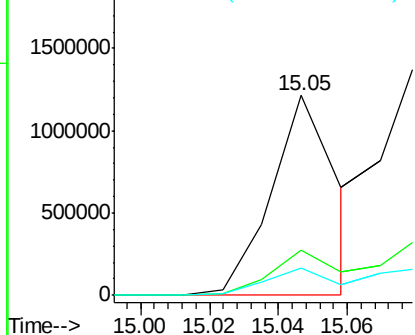
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.7	17.1	25.7

Manual Integrations
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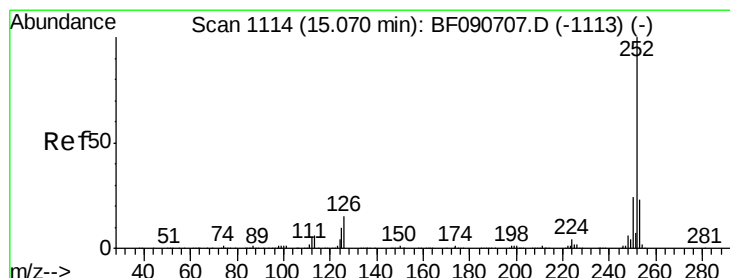
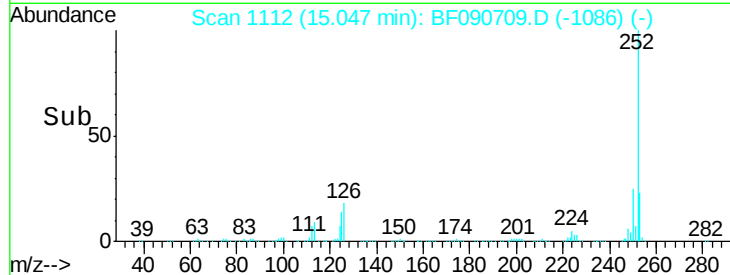


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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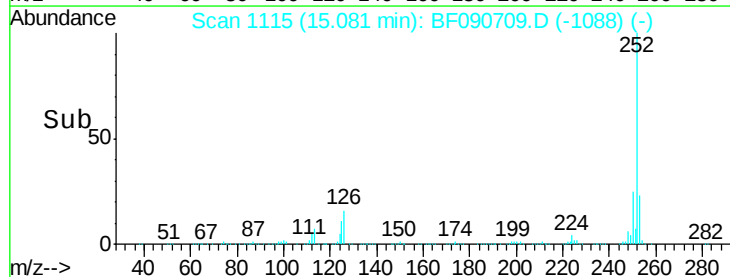
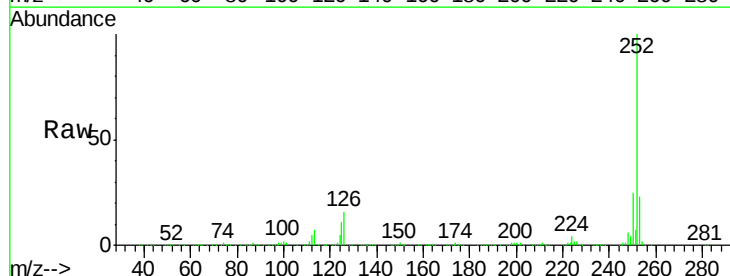
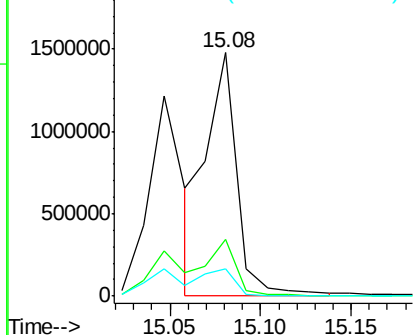
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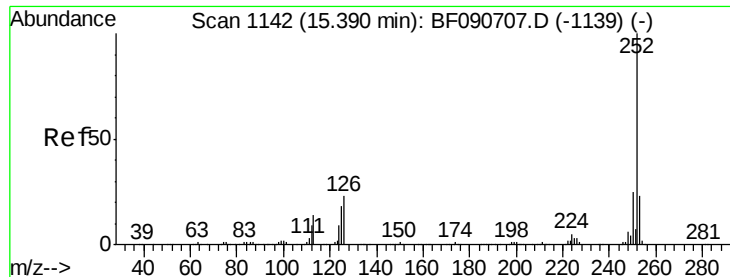


#88
Benzo(k)fluoranthene
Concen: 84.64 ng m
RT: 15.08 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	11.2	16.0	24.0

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



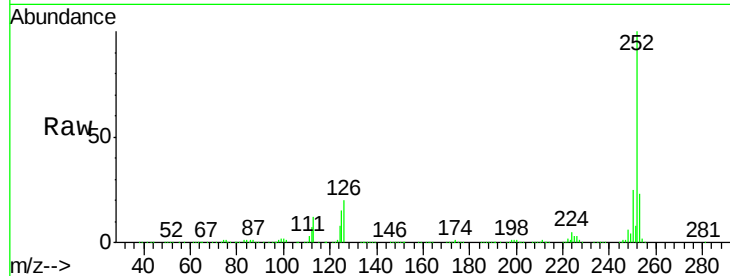


#89
Benzo(a)pyrene
Concen: 79.48 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

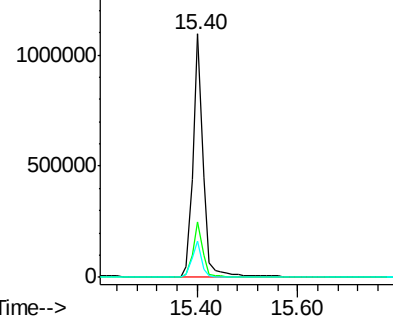
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	15.1	18.0	27.0

Manual Integrations
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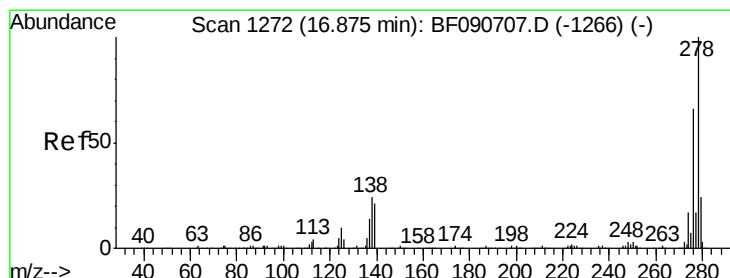
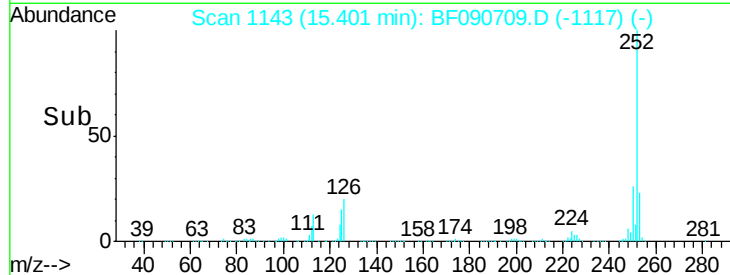


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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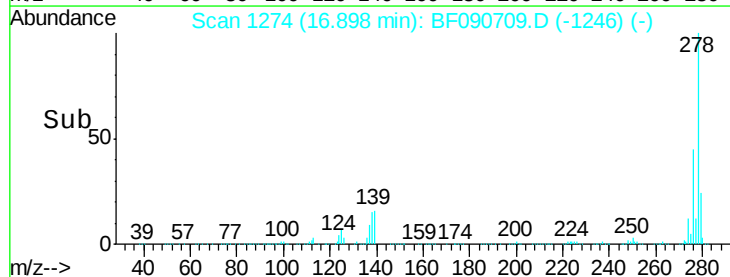
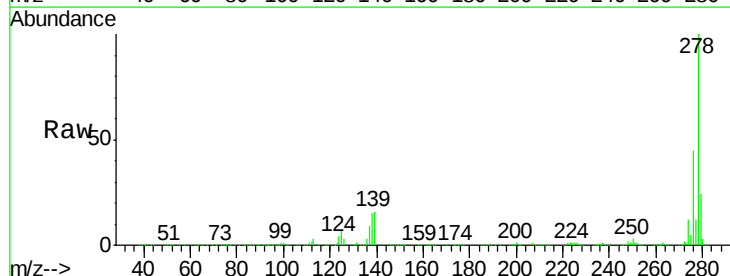
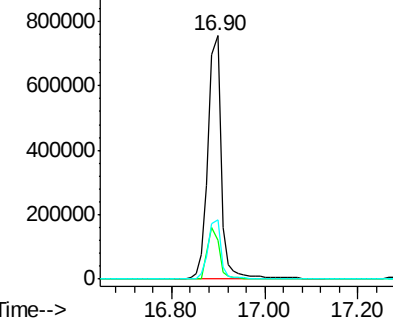
10/24/2016 3:50:55 PM

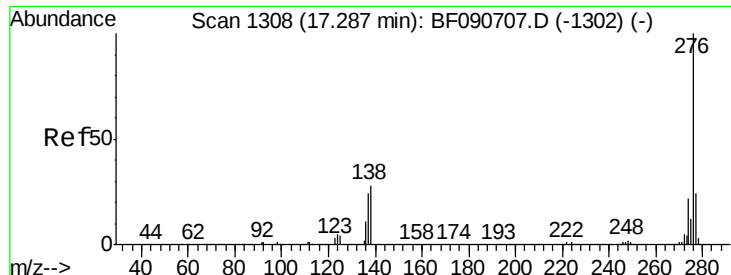


#90
Dibenzo(a,h)anthracene
Concen: 89.93 ng
RT: 16.90 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF090709.D
Acq: 21 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	26.3	39.5
279	24.4	18.2	27.4

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



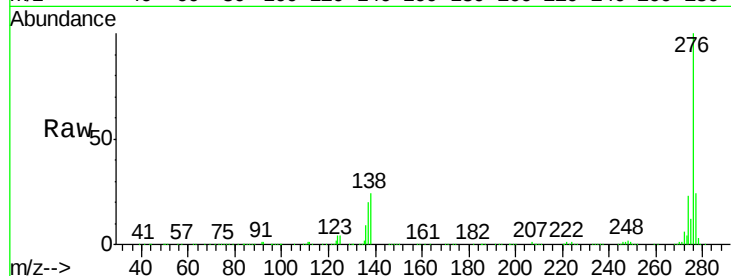


#91
 Benzo(a,h,i)perylene
 Concen: 81.30 ng
 RT: 17.31 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF090709.D
 Acq: 21 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	24.0	34.6	51.8

Manual Integrations
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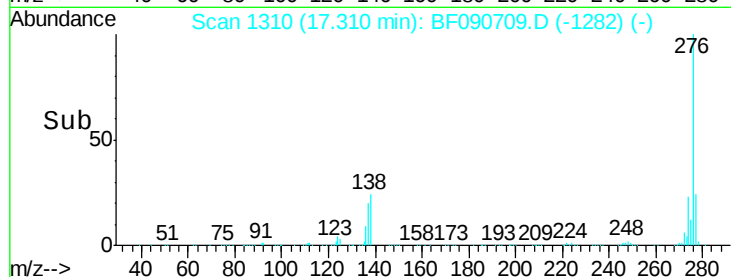
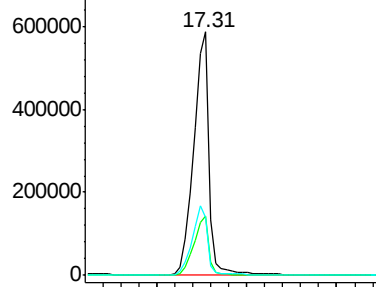


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



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