

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090841.D
 Acq On : 26 Oct 2016 14:21
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Oct 26 15:16:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205816	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	799289	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	437060	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	744529	20.00	ng	0.00
75) Chrysene-d12	13.96	240	639015	20.00	ng	0.00
86) Perylene-d12	15.38	264	493657	20.00	ng	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1797055	140.81	ng	0.00
7) Phenol-d6	6.45	99	1979379	114.51	ng	0.01
23) Nitrobenzene-d5	7.37	82	1977643	135.71	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	734045	212.19	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	3530796	125.41	ng	-0.01
78) Terphenyl-d14	12.91	244	3194477	114.57	ng	-0.01

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	446242	60.43	ng	# 73
3) Pyridine	3.04	79	1201080	69.41	ng	# 70
4) n-Nitrosodimethylamine	3.01	42	348380	58.84	ng	# 53
6) Aniline	6.46	93	1143415	58.34	ng	# 8
8) 2-Chlorophenol	6.58	128	875690	57.16	ng	# 94
10) Phenol	6.46	94	1138066	58.57	ng	# 47
11) bis(2-Chloroethyl)ether	6.53	93	907306	55.57	ng	# 89
12) 1,3-Dichlorobenzene	6.74	146	1055675	68.60	ng	# 96
13) 1,4-Dichlorobenzene	6.81	146	1052535m	64.48	ng	
14) 1,2-Dichlorobenzene	6.97	146	965694m	60.43	ng	
15) Benzyl Alcohol	6.94	79	723071	61.58	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1088946	44.53	ng	# 63
17) 2-Methylphenol	7.07	107	848759	73.53	ng	# 78
18) Hexachloroethane	7.31	117	415820	62.76	ng	# 67
19) n-Nitroso-di-n-propylamine	7.23	70	635937	49.40	ng	# 71
20) 3+4-Methylphenols	7.23	107	933913	68.26	ng	# 88
22) Acetophenone	7.22	105	1229061	69.00	ng	# 86
24) Nitrobenzene	7.39	77	998540	63.21	ng	# 74
25) Isophorone	7.63	82	1789159	64.86	ng	# 91
26) 2-Nitrophenol	7.70	139	499527	77.40	ng	# 71
27) 2,4-Dimethylphenol	7.76	122	893223	78.05	ng	# 88
28) bis(2-Chloroethoxy)methane	7.85	93	1068721	70.81	ng	# 97
29) 2,4-Dichlorophenol	7.95	162	819892	87.30	ng	# 98
30) 1,2,4-Trichlorobenzene	8.03	180	944700	85.47	ng	# 99
31) Naphthalene	8.11	128	2684265	68.65	ng	# 95
32) Benzoic acid	7.94	122	733825	84.20	ng	# 77
33) 4-Chloroaniline	8.17	127	1188896	81.99	ng	# 95
34) Hexachlorobutadiene	8.22	225	547365	88.08	ng	# 98
35) Caprolactam	8.58	113	280309m	104.50	ng	
36) 4-Chloro-3-methylphenol	8.66	107	882819	80.82	ng	# 91
37) 2-Methylnaphthalene	8.80	142	1601698	70.09	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	959817	81.33	ng	# 97
40) Hexachlorocyclopentadiene	8.96	237	500726	90.38	ng	# 100
42) 2,4,6-Trichlorophenol	9.08	196	646452	88.33	ng	# 98

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 ALS Vial : 9 Sample Multiplier: 1

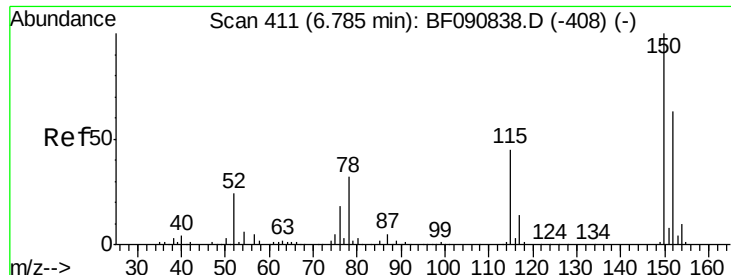
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Oct 26 15:16:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	631257	84.99	nq	95
45) 1,1'-Biphenyl	9.26	154	1952085	56.87	nq	92
46) 2-Chloronaphthalene	9.29	162	1572919	61.66	nq #	89
47) 2-Nitroaniline	9.39	65	514029	60.70	nq	89
48) Acenaphthylene	9.70	152	2539139	65.23	nq	94
49) Dimethylphthalate	9.58	163	2259796	82.28	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	550667	93.24	nq #	85
51) Acenaphthene	9.88	154	1848966	71.55	nq	89
52) 3-Nitroaniline	9.81	138	547091	80.59	nq #	98
53) 2,4-Dinitrophenol	9.92	184	297609	85.13	nq #	82
54) Dibenzofuran	10.05	168	2465818	78.77	nq	93
55) 4-Nitrophenol	9.97	139	366427	87.27	nq #	62
56) 2,4-Dinitrotoluene	10.04	165	642303	88.98	nq #	86
57) Fluorene	10.40	166	1817771	70.07	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	569603	97.73	nq	95
59) Diethylphthalate	10.27	149	1930575	67.78	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	943992	79.62	nq	96
61) 4-Nitroaniline	10.43	138	560642	81.54	nq #	59
62) Azobenzene	10.54	77	2036101	61.04	nq	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	397264	80.50	nq #	80
65) n-Nitrosodiphenylamine	10.51	169	1749702	73.35	nq	89
66) 4-Bromophenyl-phenylether	10.88	248	667290	92.45	nq #	81
67) Hexachlorobenzene	10.93	284	719207	84.44	nq #	89
68) Atrazine	11.04	200	437765	66.49	nq	86
69) Pentachlorophenol	11.13	266	410378	77.32	nq	98
70) Phenanthrene	11.34	178	2455253	64.70	nq #	93
71) Anthracene	11.40	178	2659829	63.20	nq #	93
72) Carbazole	11.56	167	2633464	74.84	nq	94
73) Di-n-butylphthalate	11.89	149	3053208	66.89	nq #	97
74) Fluoranthene	12.53	202	2652043	72.24	nq	92
76) Benzidine	12.66	184	955218	67.32	nq #	90
77) Pyrene	12.76	202	2637624	59.10	nq #	91
79) Butylbenzylphthalate	13.39	149	1494194	72.83	nq #	92
80) Benzo(a)anthracene	13.95	228	2302171	65.83	nq	94
81) 3,3'-Dichlorobenzidine	13.93	252	980777	80.94	nq #	91
82) Chrysene	14.00	228	2541558m	74.47	nq	
83) Bis(2-ethylhexyl)phthalate	13.95	149	1515276	51.63	nq	99
84) Di-n-octyl phthalate	14.57	149	2876203	64.57	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.75	276	2073094	69.62	nq #	89
87) Benzo(b)fluoranthene	14.98	252	2370566m	78.10	nq	
88) Benzo(k)fluoranthene	15.01	252	2277202m	74.65	nq	
89) Benzo(a)pyrene	15.32	252	2065375	72.52	nq #	86
90) Dibenzo(a,h)anthracene	16.77	278	1776977	64.99	nq #	81
91) Benzo(g,h,i)perylene	17.17	276	1678950	63.30	nq #	77

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



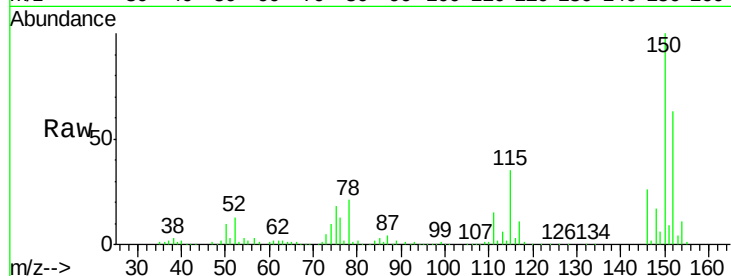
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

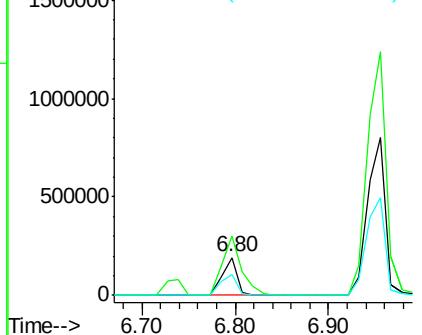
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	56.4	39.0	58.4

Manual Integrations
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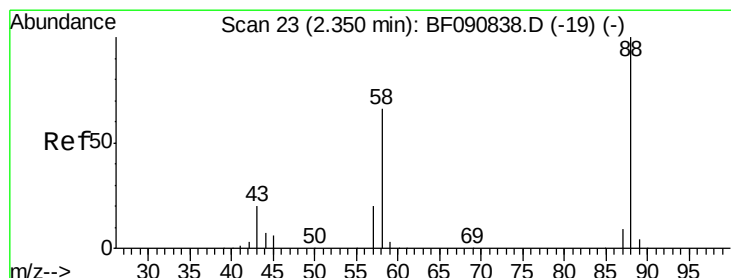
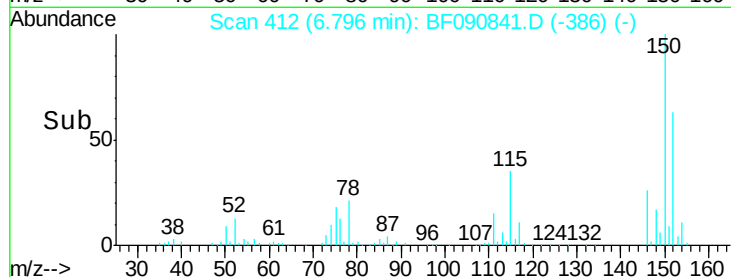


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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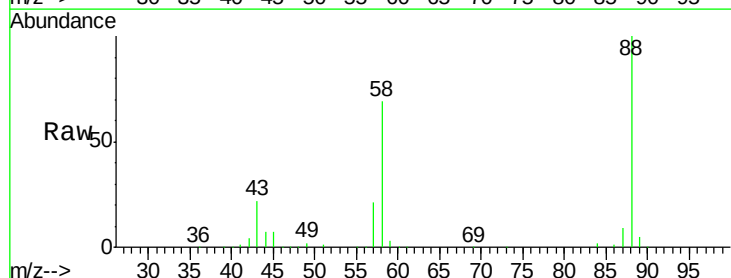
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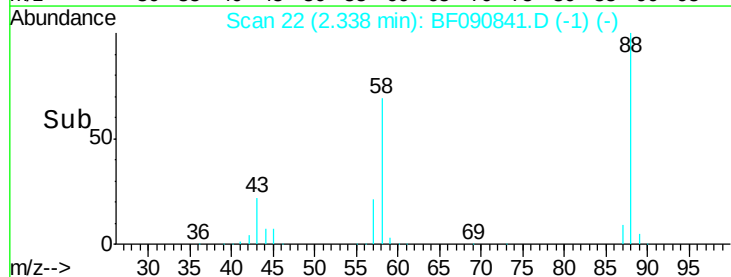
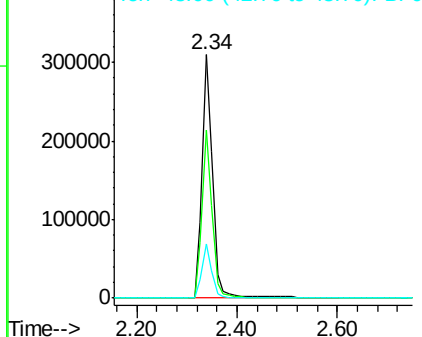
#2

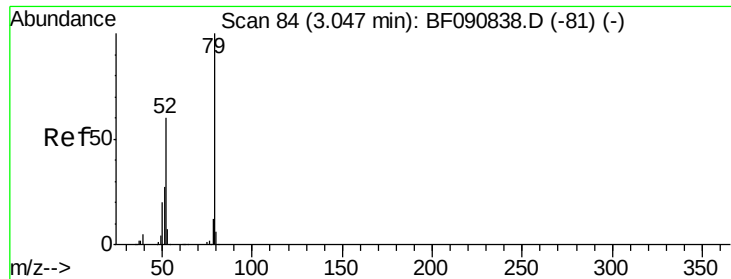
1,4-Dioxane
Concen: 60.43 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	77.7	116.5#
43	21.3	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



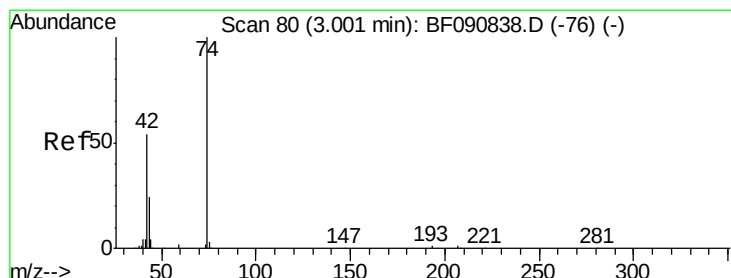
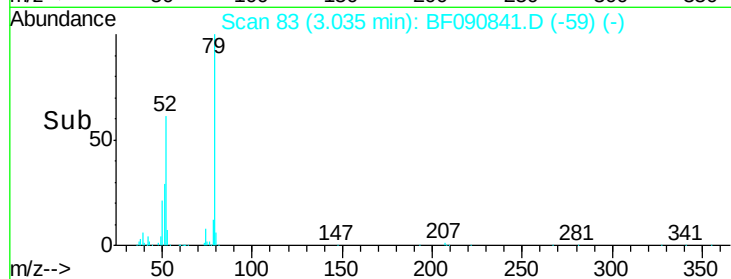
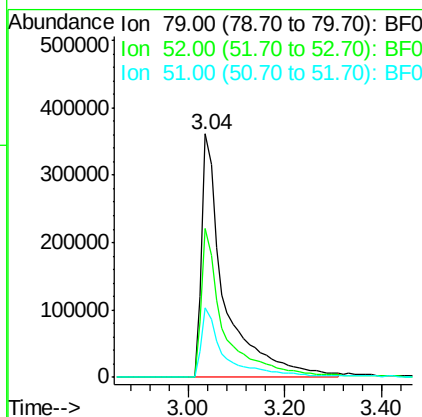
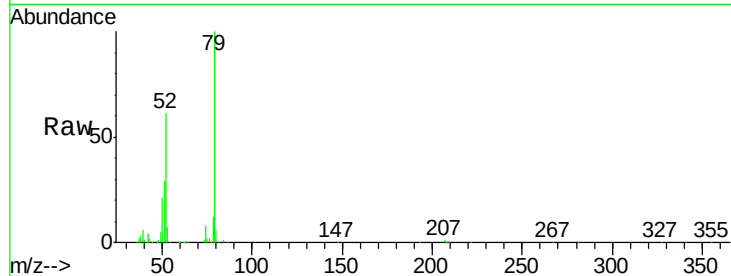


#3
 Pvridine
 Concen: 69.41 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.02 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

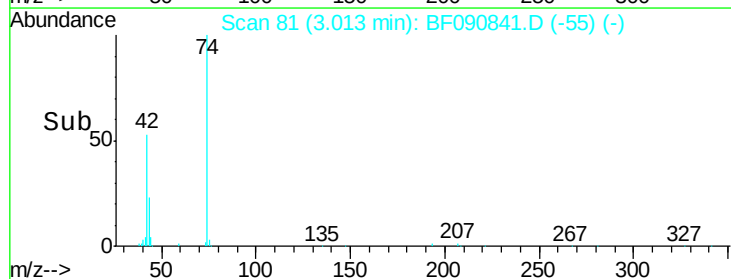
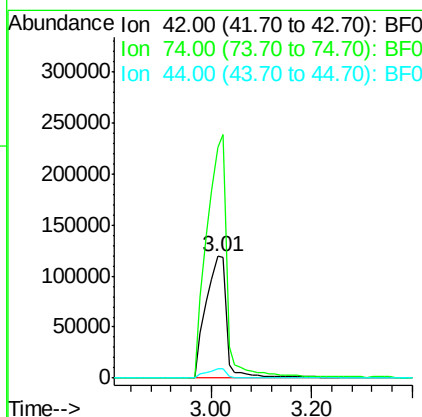
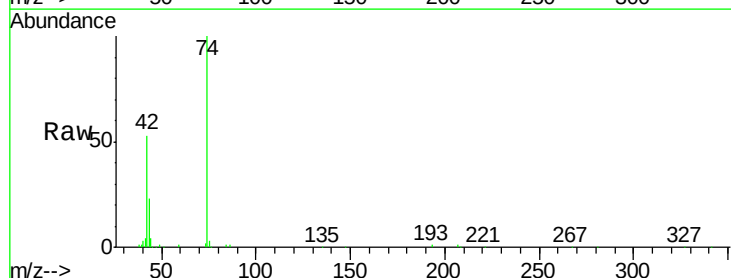
Tot Ion: 79 Resp: 1201080
 Ion Ratio Lower Upper
 79 100
 52 61.3 76.8 115.2#
 51 28.8 32.2 48.4#

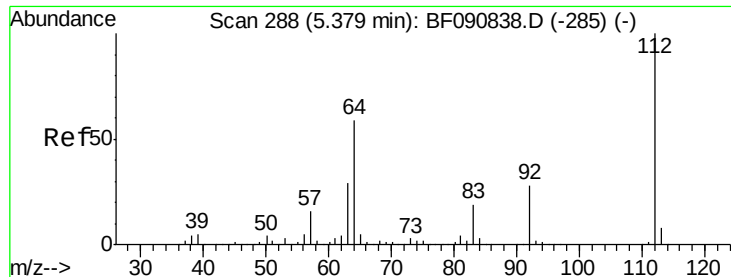
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 58.84 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion: 42 Resp: 348380
 Ion Ratio Lower Upper
 42 100
 74 189.4 105.0 157.6#
 44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 140.81 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:112 Resp: 1797055

Ion Ratio Lower Upper

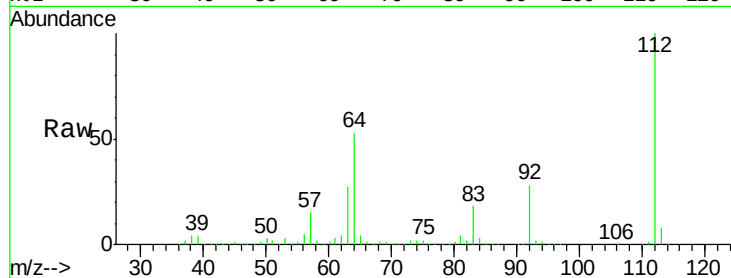
112 100

64 53.2 39.7 59.5

63 26.7 17.4 26.0#

Manual Integrations

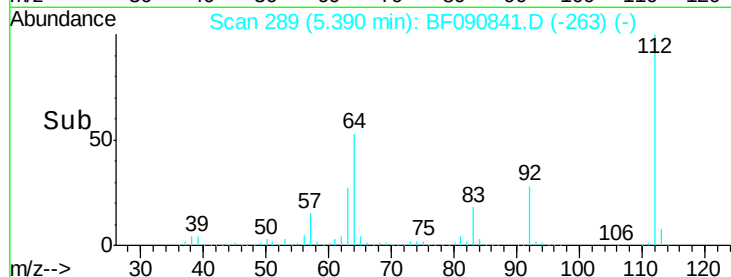
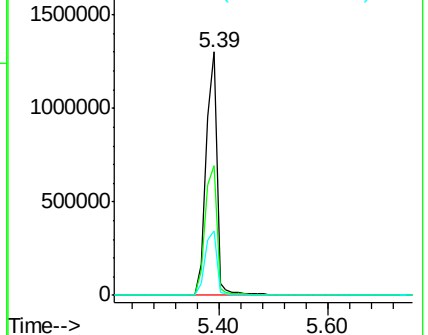
APPROVED



Abundance Ion 112.00 (111.70 to 112.70): E

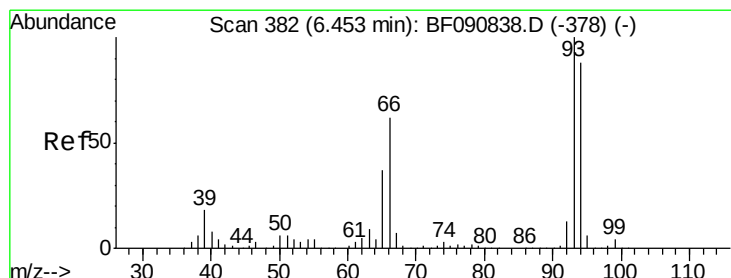
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 58.34 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

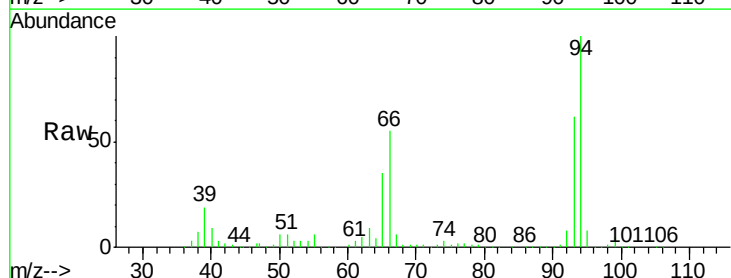
Tgt Ion: 93 Resp: 1143415

Ion Ratio Lower Upper

93 100

66 88.5 27.2 40.8#

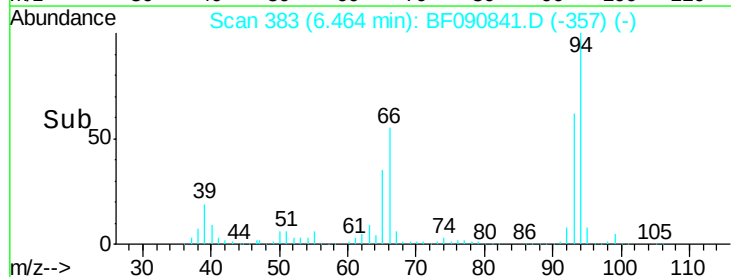
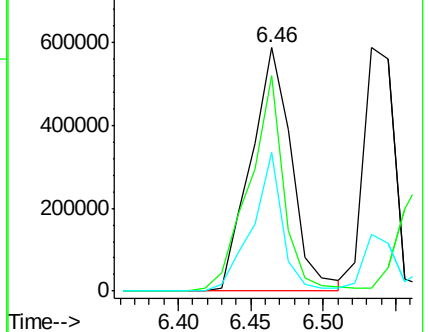
65 56.7 14.7 22.1#

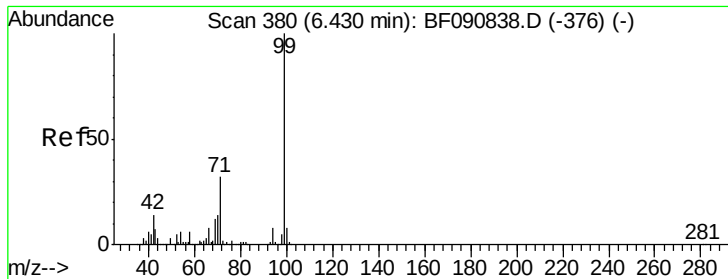


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.51 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1979379

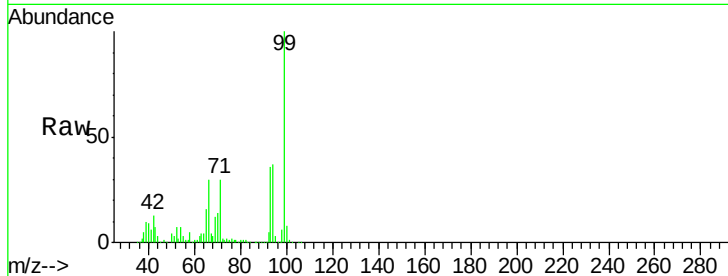
Ion Ratio Lower Upper

99 100

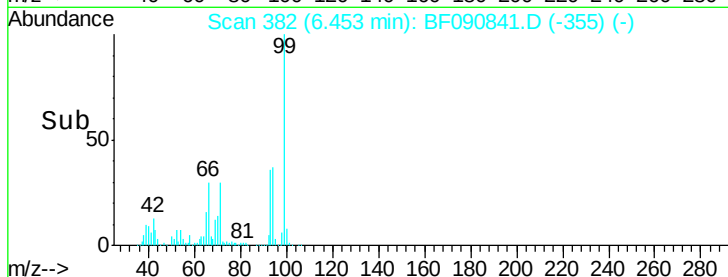
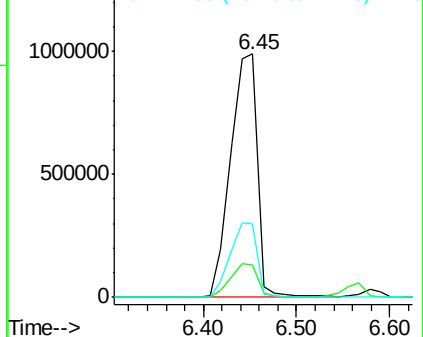
42 13.1 13.7 20.5#

71 30.2 14.2 21.2#

Manual Integrations
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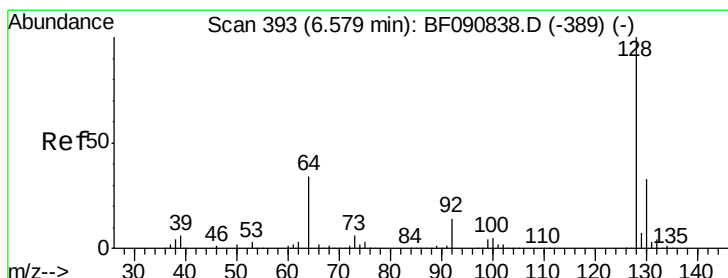


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 57.16 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

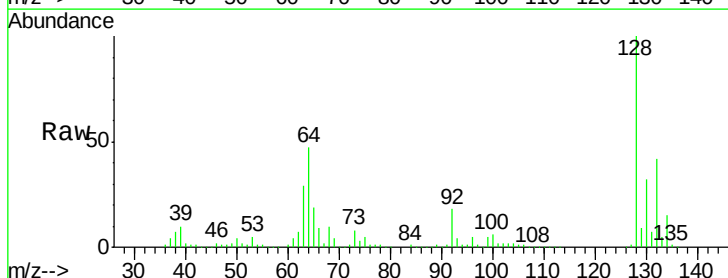
Tgt Ion: 128 Resp: 875690

Ion Ratio Lower Upper

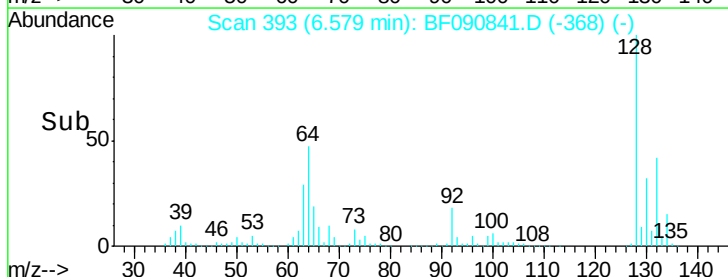
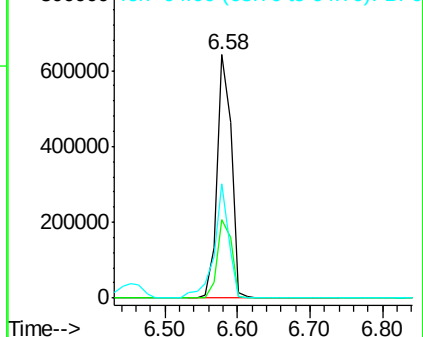
128 100

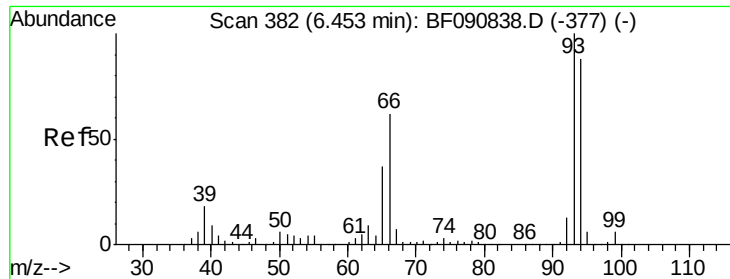
130 32.3 12.2 52.2

64 47.2 20.5 60.5



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





#10

Phenol

Concen: 58.57 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion: 94 Resp: 1138066

Ion Ratio Lower Upper

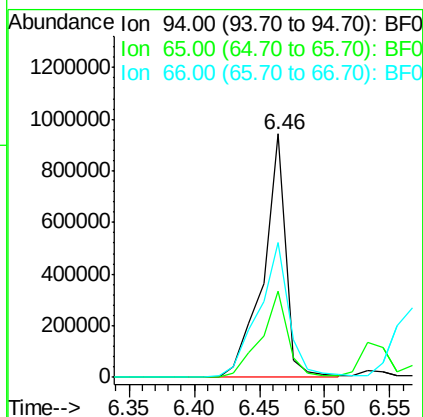
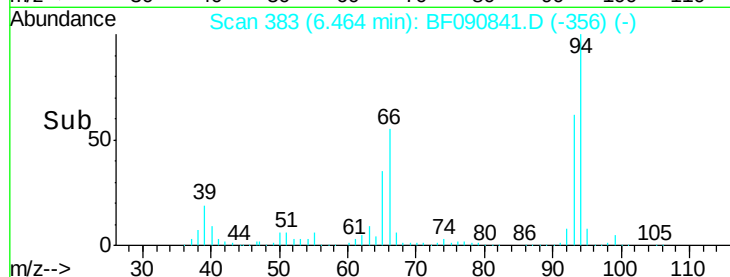
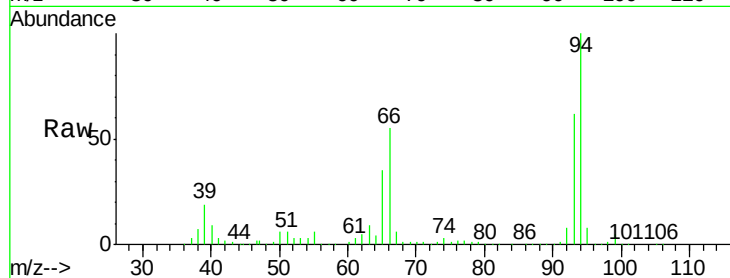
94 100

65 35.4 0.7 40.7

66 55.2 0.8 40.8#

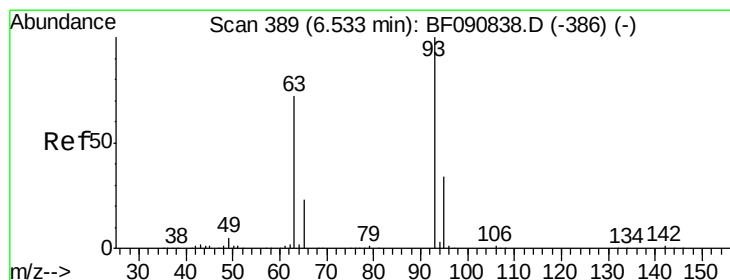
Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 55.57 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

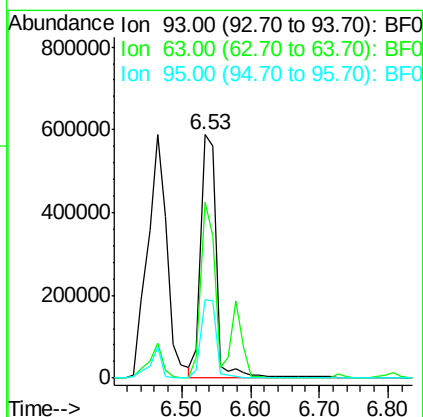
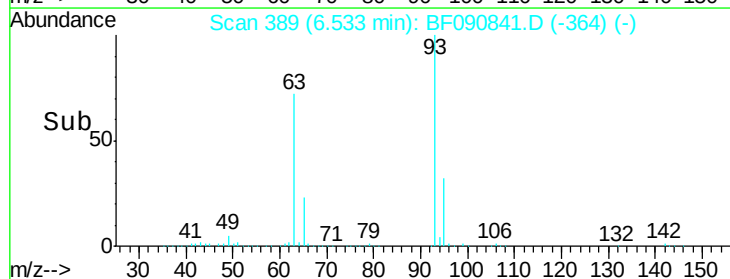
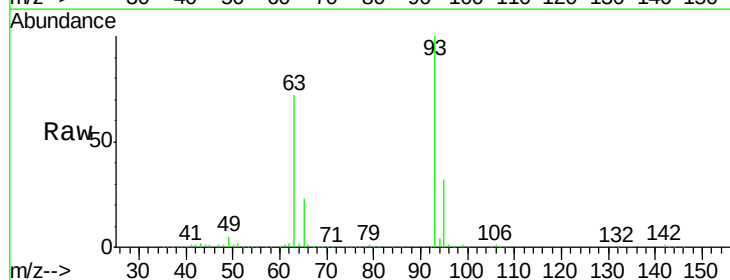
Tgt Ion: 93 Resp: 907306

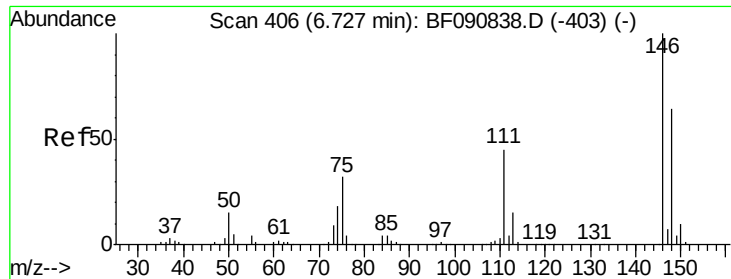
Ion Ratio Lower Upper

93 100

63 72.4 65.6 105.6

95 32.3 13.6 53.6



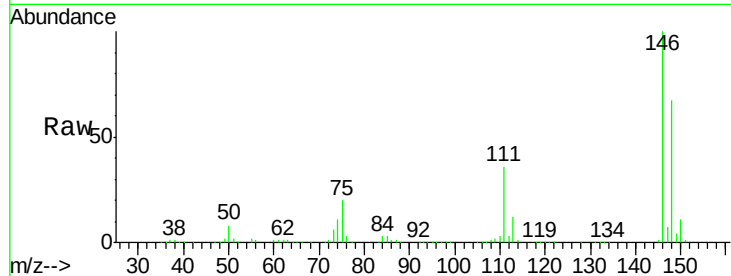


#12
 1,3-Dichlorobenzene
 Concen: 68.60 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

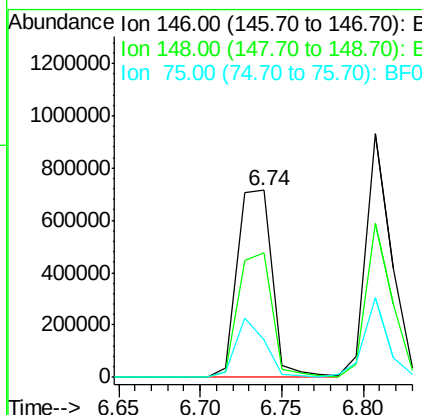
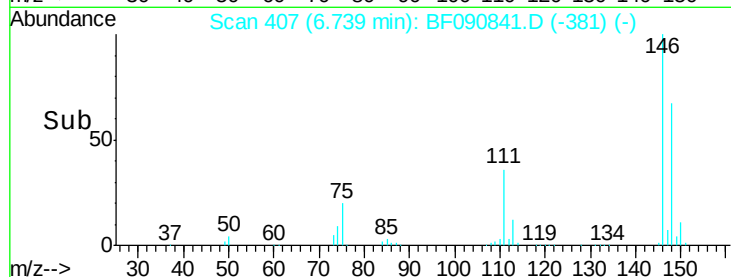
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.0	76.4
75	20.1	15.0	22.6

Manual Integrations
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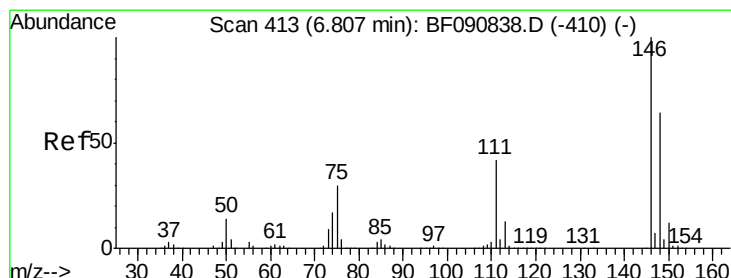


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0



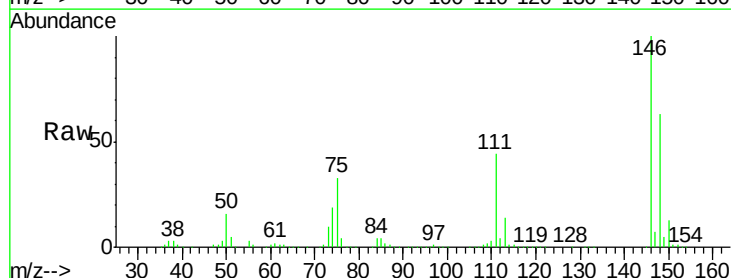
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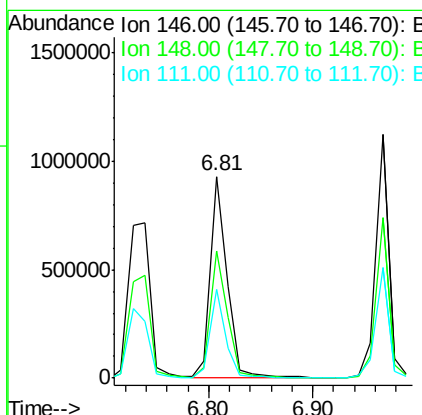
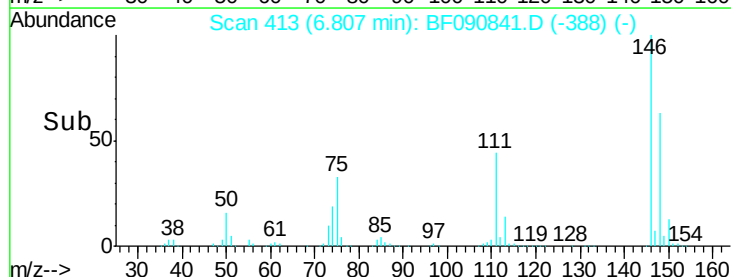


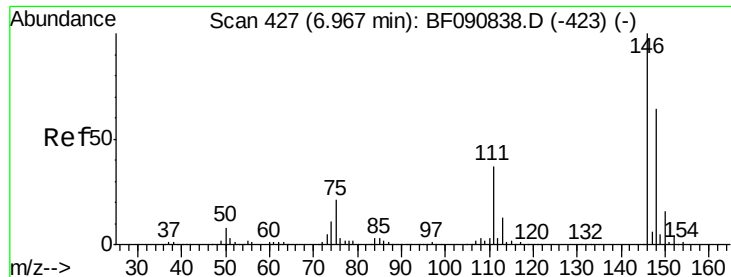
#13
 1,4-Dichlorobenzene
 Concen: 64.48 ng m
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	44.2	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



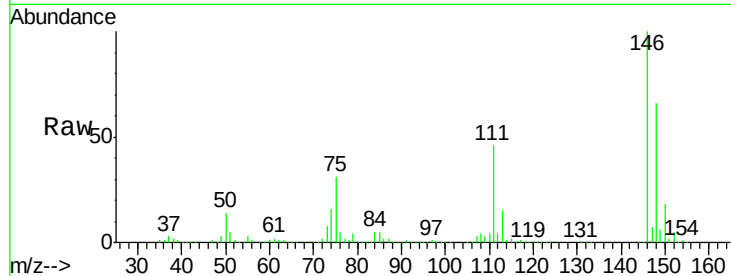


#14
1,2-Dichlorobenzene
Concen: 60.43 ng/mL
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

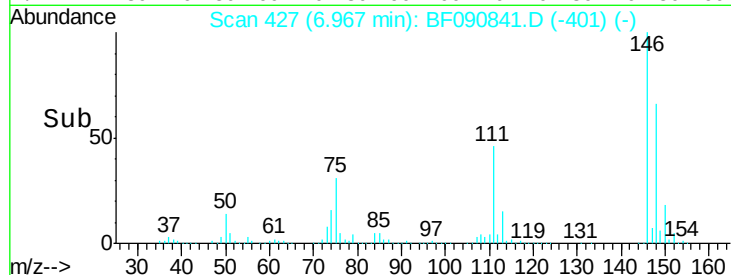
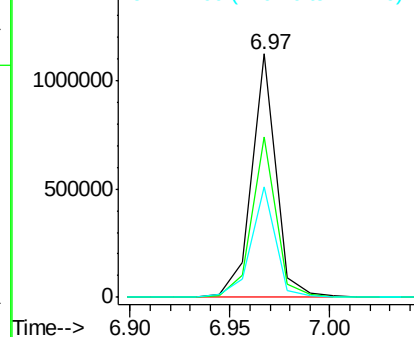
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.7	79.1
111	45.6	28.8	43.2

Manual Integrations
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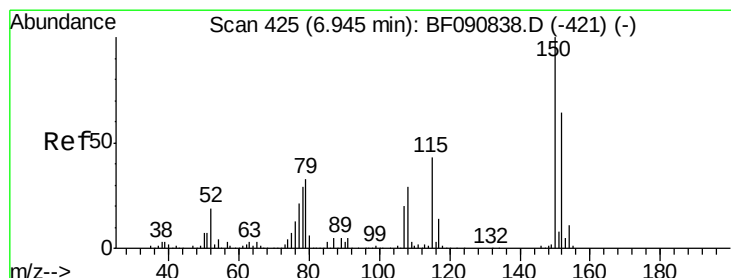


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



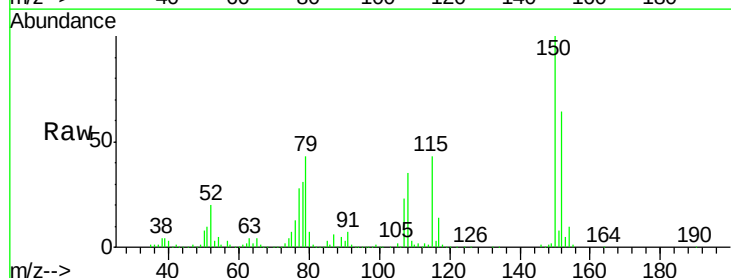
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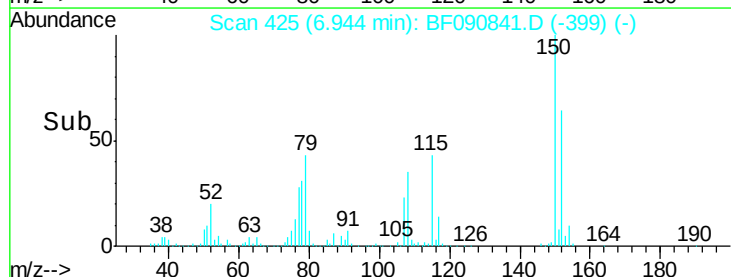
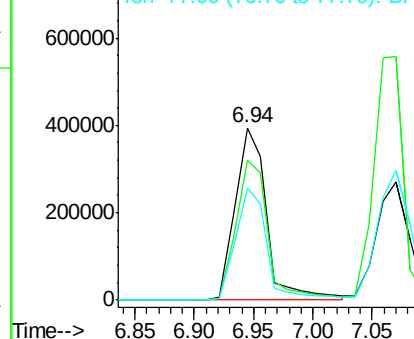


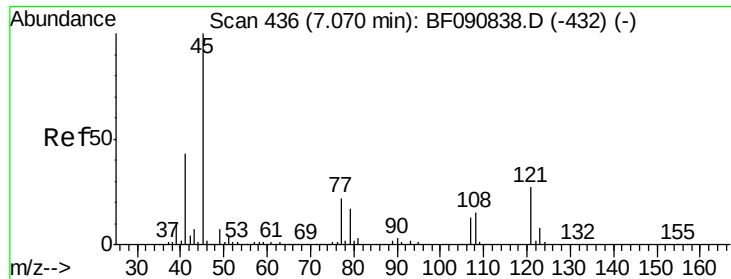
#15
Benzyl Alcohol
Concen: 61.58 ng/mL
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.1	88.6	132.8
77	65.1	47.0	70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



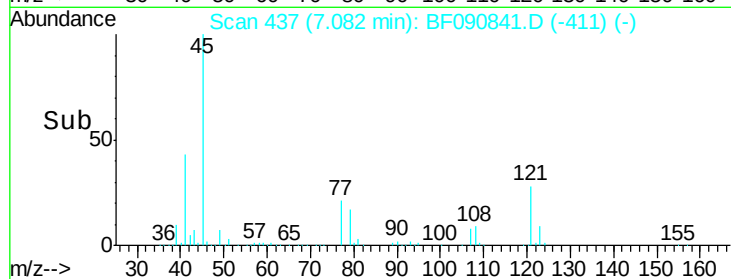
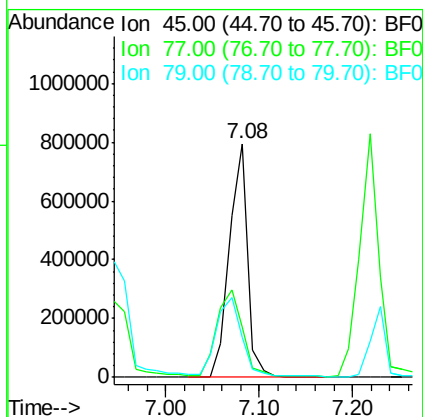
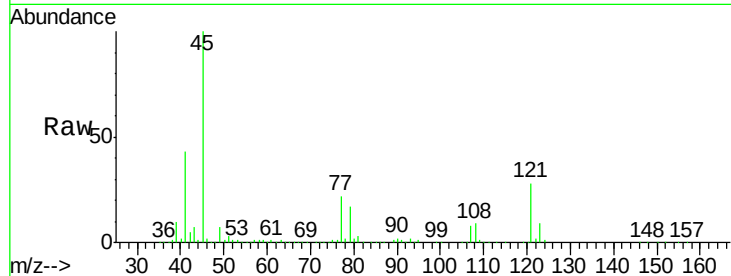


#16
2,2'-oxvbis(1-Chloropropane)
Concen: 44.53 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

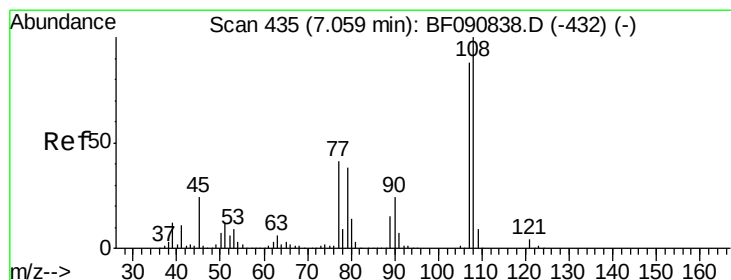
Tot Ion	Ratio	Lower	Upper
45	100		
77	21.8	0.0	28.1
79	17.4	0.0	26.0

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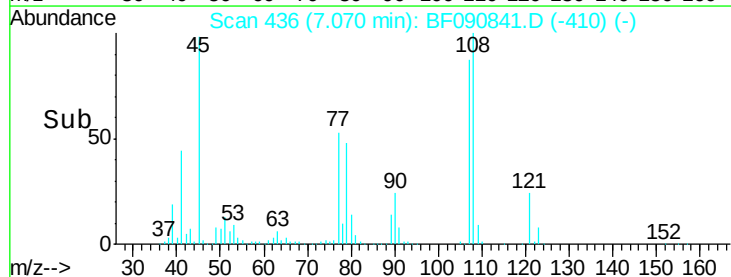
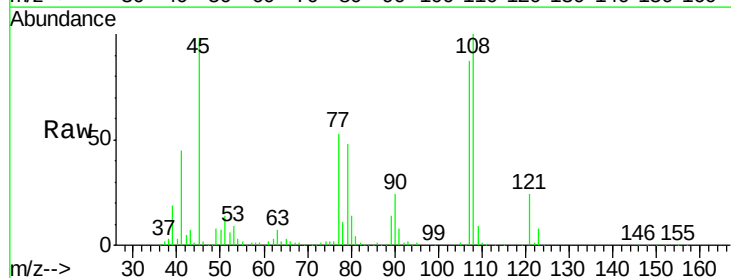
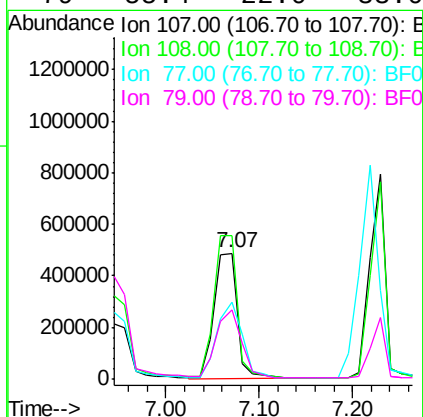
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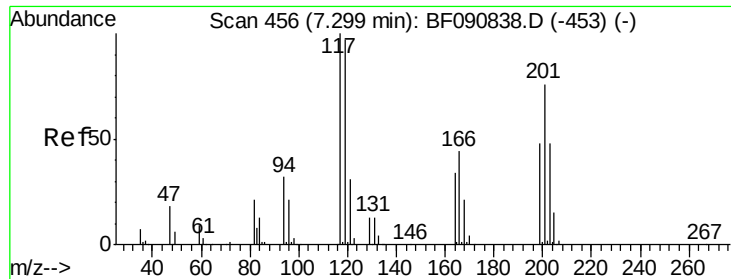
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#17
2-Methylphenol
Concen: 73.53 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	96.6	145.0
77	61.0	23.3	34.9#
79	55.4	22.0	33.0#





#18

Hexachloroethane

Concen: 62.76 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

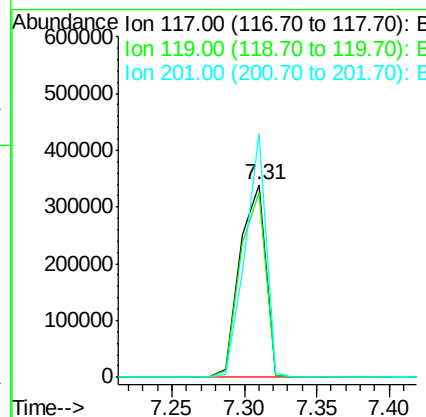
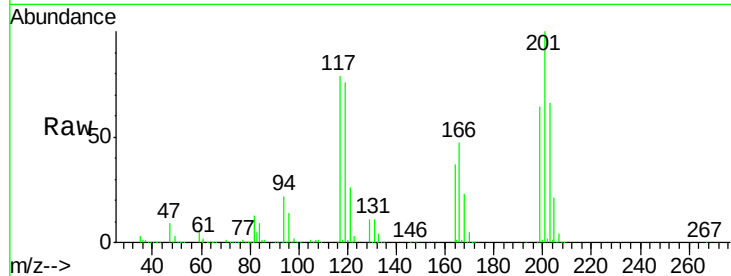
BNA_F

ClientSampleId :

SSTDIC080

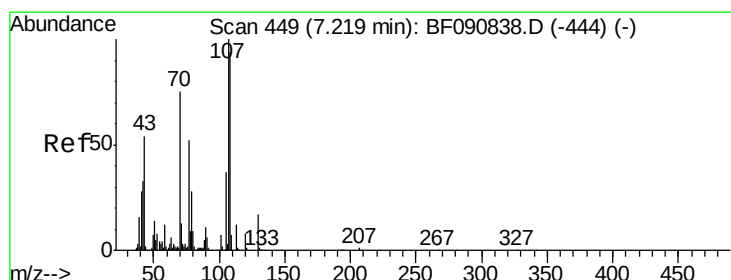
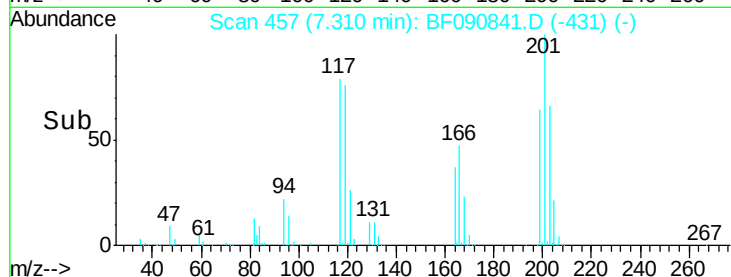
Tot Ion:	117	Resp:	415820
Ion Ratio	Lower	Upper	
117	100		
119	96.2	83.8	125.6
201	126.6	55.1	82.7#

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 49.40 ng

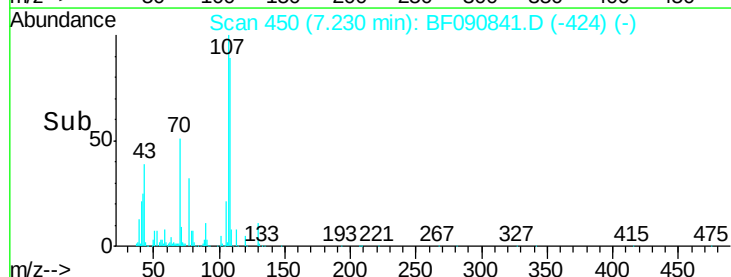
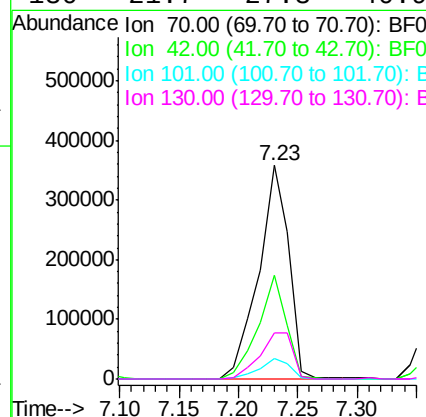
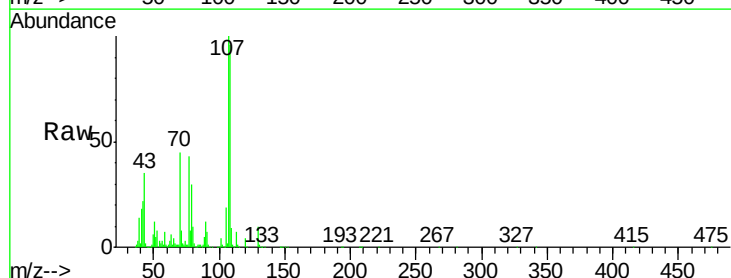
RT: 7.23 min Scan# 450

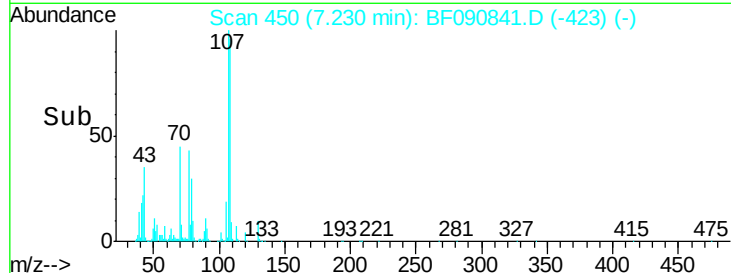
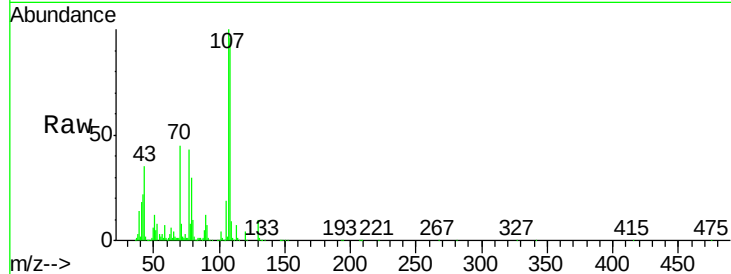
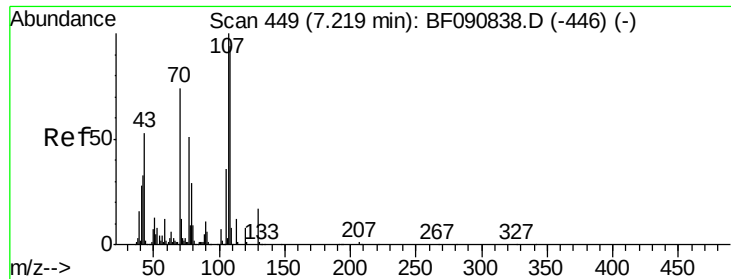
Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

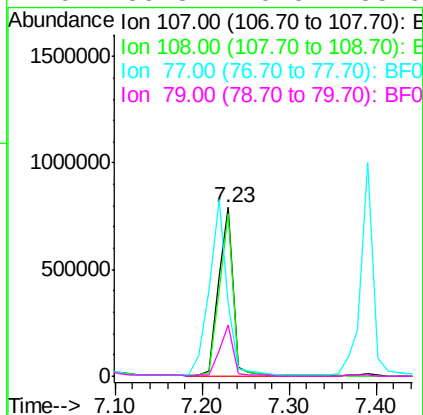
Tgt Ion:	70	Resp:	635937
Ion Ratio	Lower	Upper	
70	100		
42	48.7	63.8	95.6#
101	9.6	9.2	13.8
130	21.7	27.3	40.9#





#20
3+4-Methylphenols
Concen: 68.26 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	96.2	74.6	114.6	
77	43.1	0.7	40.7#	
79	30.3	0.0	38.9	

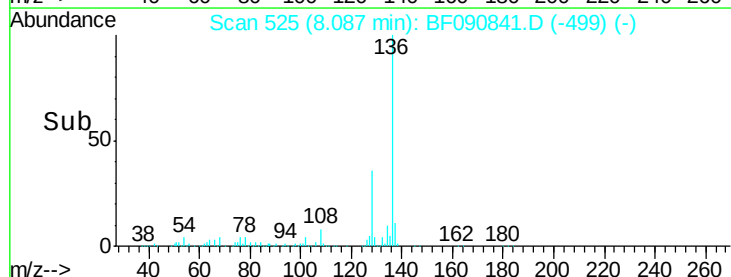
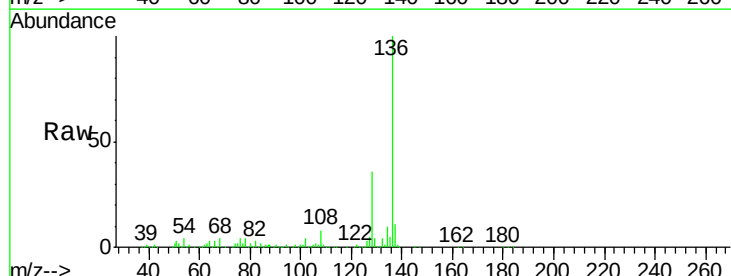
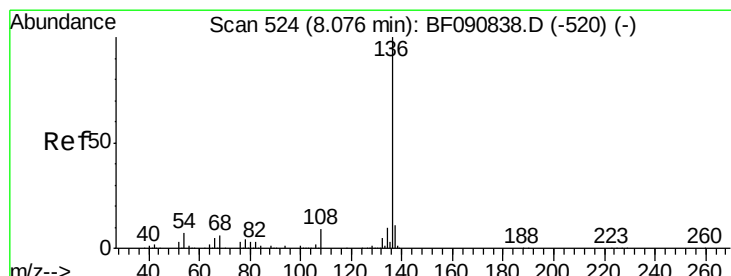


Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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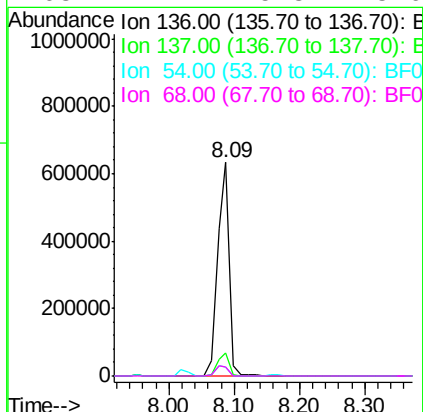
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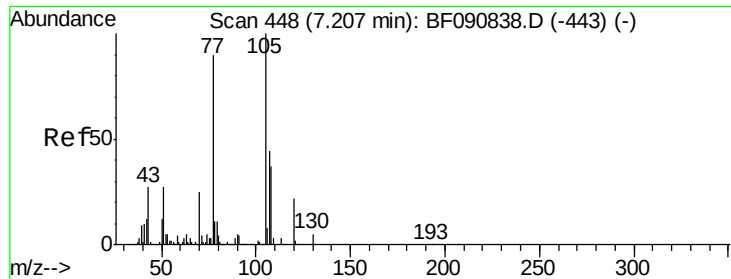
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.6	
54	4.3	8.2	12.2#	
68	4.2	5.8	8.6#	





#22

Acetophenone

Concen: 69.00 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:105 Resp: 1229061

Ion Ratio Lower Upper

105 100

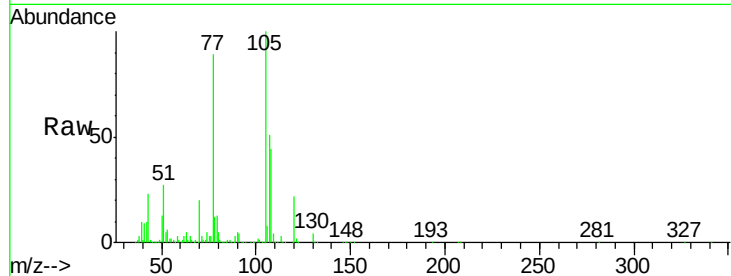
71 3.3 4.7 7.1#

51 27.5 22.0 33.0

120 22.4 30.1 45.1#

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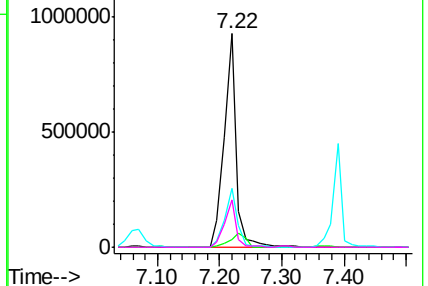


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

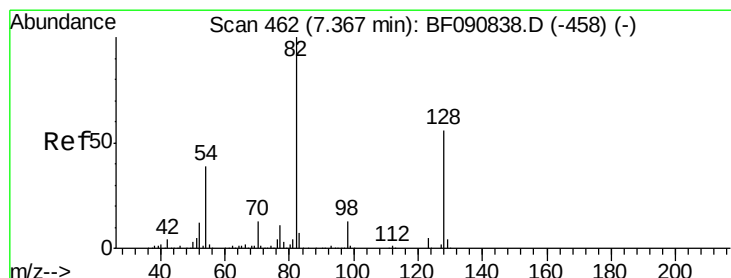
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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#23

Nitrobenzene-d5

Concen: 135.71 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

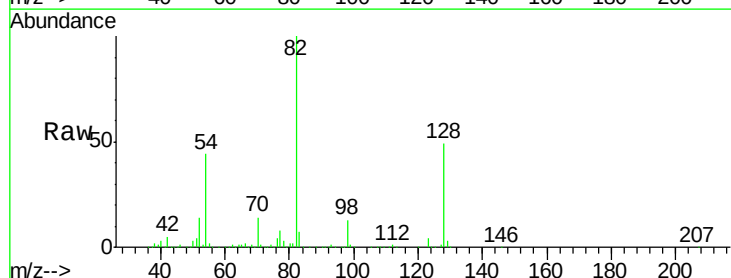
Tgt Ion: 82 Resp: 1977643

Ion Ratio Lower Upper

82 100

128 48.7 51.0 76.6#

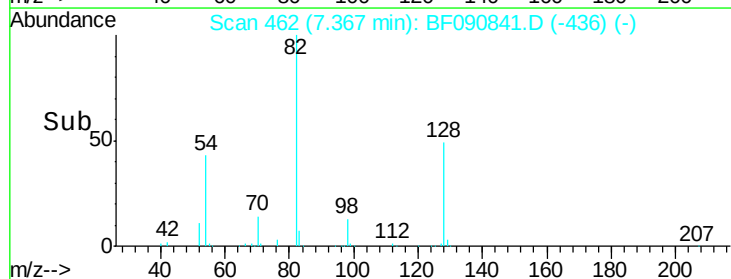
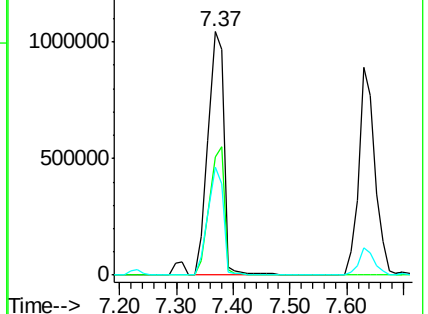
54 44.2 47.5 71.3#

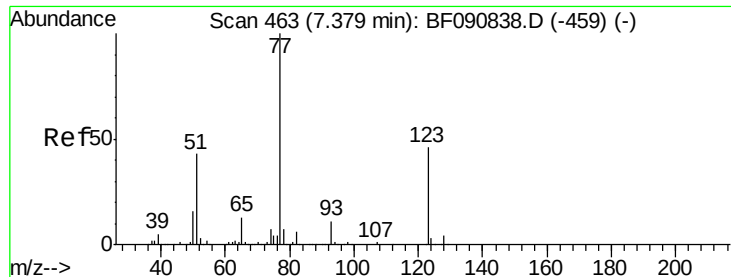


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



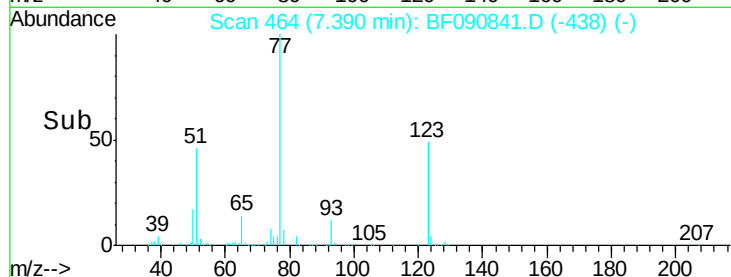
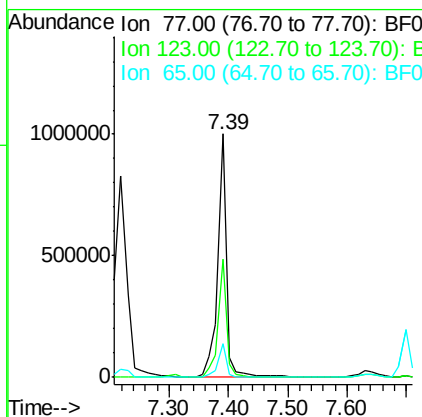
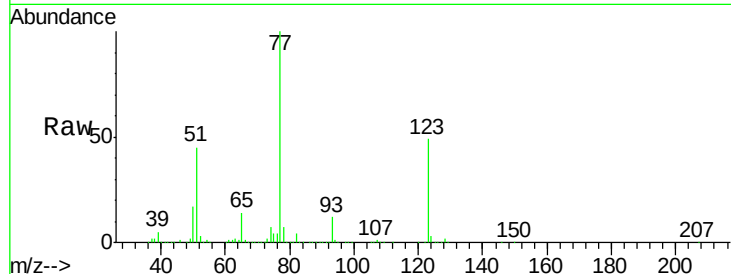


#24
Nitrobenzene
Concen: 63.21 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

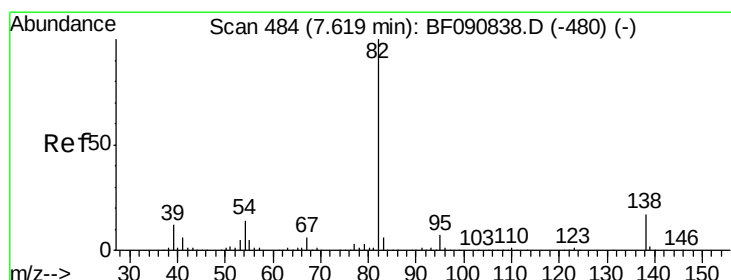
Tot Ion	Ratio	Lower	Upper
77	100		
123	48.8	59.8	89.8#
65	13.6	10.2	15.4

Manual Integrations
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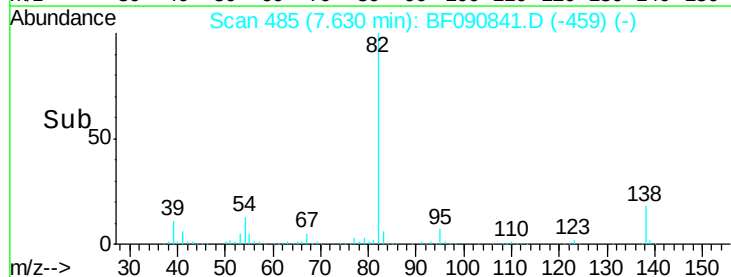
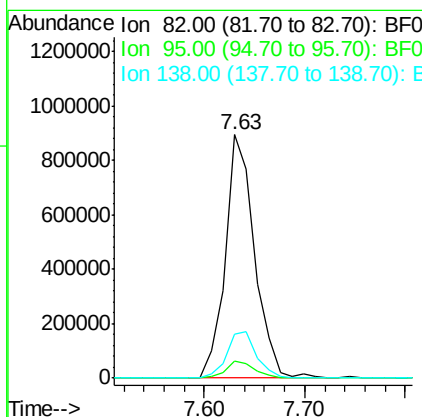
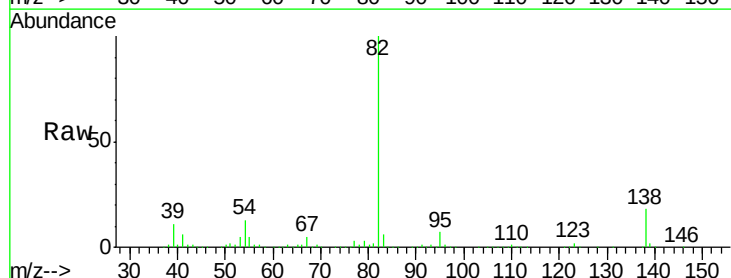
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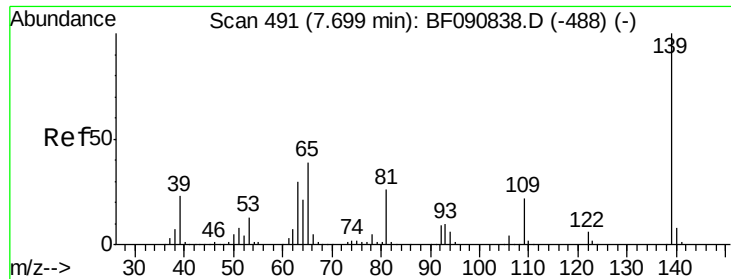
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#25
Isophorone
Concen: 64.86 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	4.0	6.0#
138	18.2	18.3	27.5#



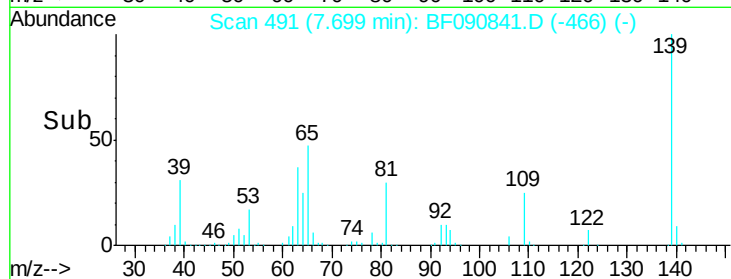
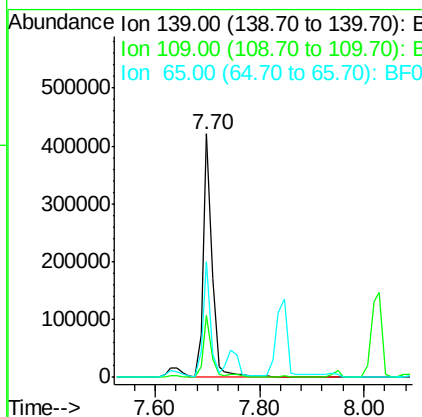
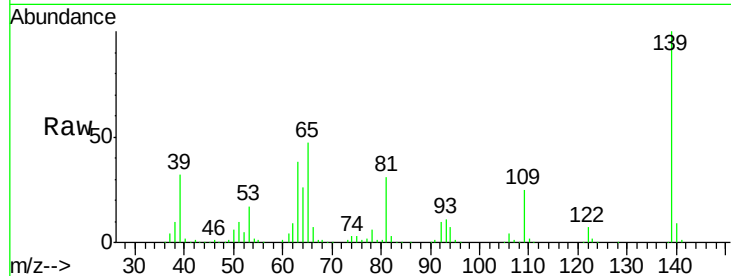


#26
2-Nitrophenol
Concen: 77.40 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampled :
SSTDIC080

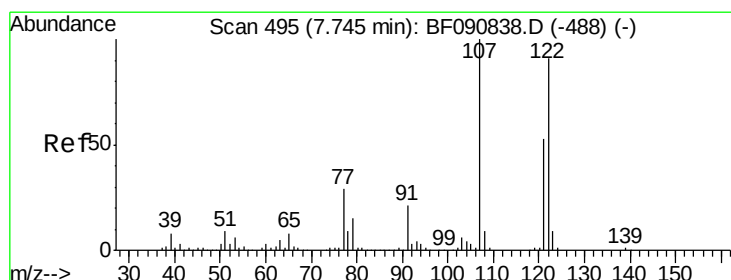
Tot Ion	Ratio	Resp	Lower	Upper
139	100	499527		
109	25.2	11.0	16.4#	
65	47.3	24.7	37.1#	

Manual Integrations
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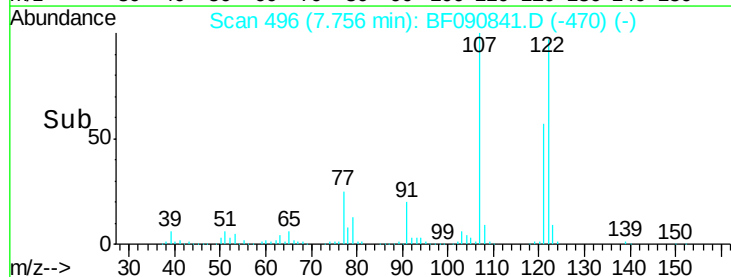
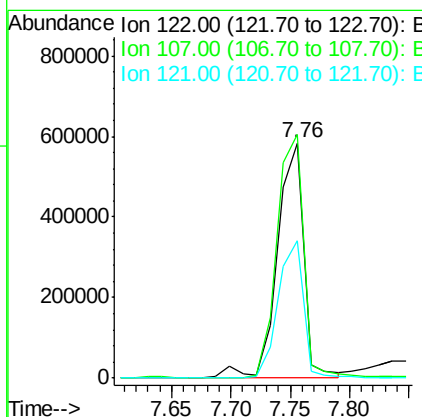
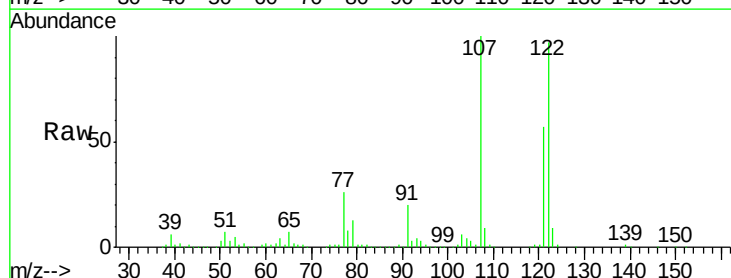
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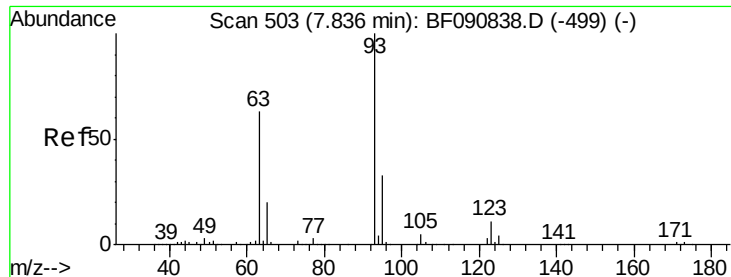
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#27
2,4-Dimethylphenol
Concen: 78.05 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	893223		
107	103.5	71.8	107.6	
121	58.6	42.3	63.5	



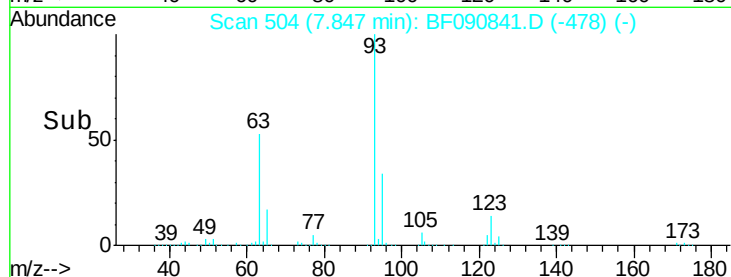
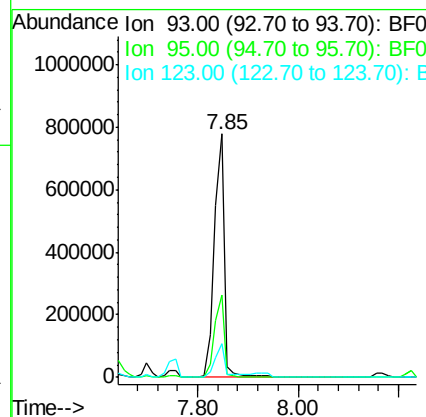
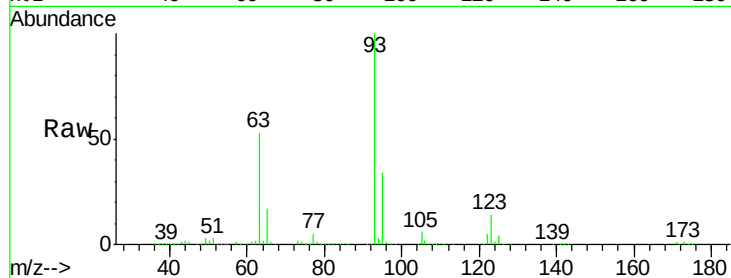


#28
bis(2-Chloroethoxy)methane
Concen: 70.81 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

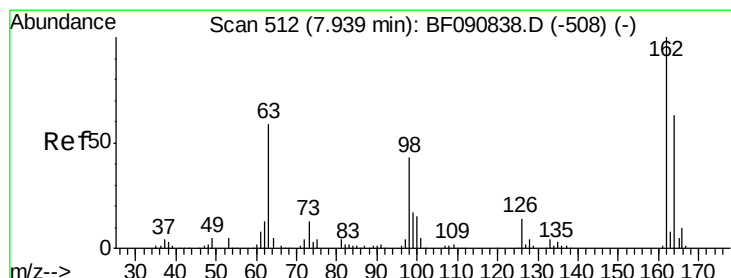
Tot Ion: 93 Resp: 1068721
Ion Ratio Lower Upper
93 100
95 34.0 27.5 41.3
123 13.9 13.7 20.5

Manual Integrations
APPROVED



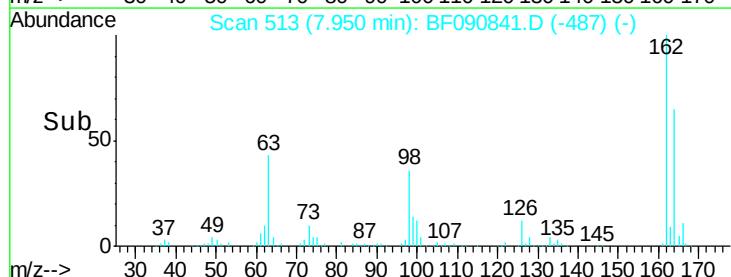
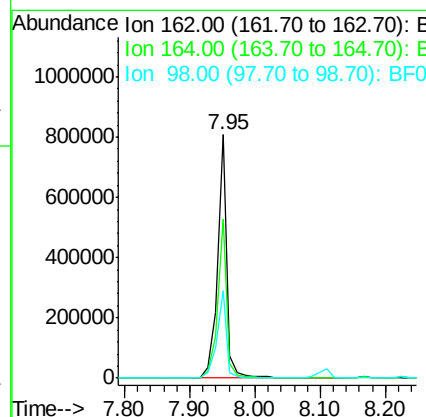
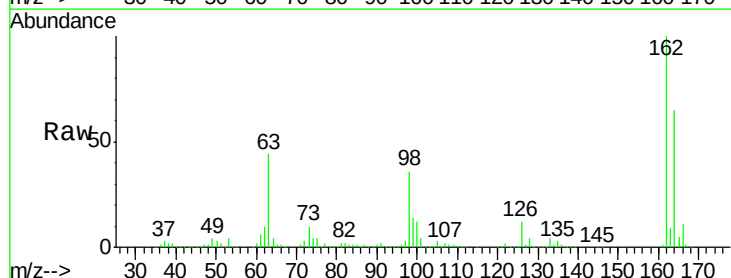
sohil

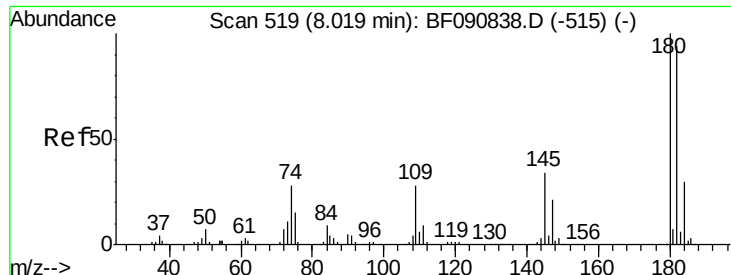
10/27/2016 3:45:56 PM



#29
2,4-Dichlorophenol
Concen: 87.30 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion: 162 Resp: 819892
Ion Ratio Lower Upper
162 100
164 65.2 44.9 84.9
98 35.7 13.0 53.0



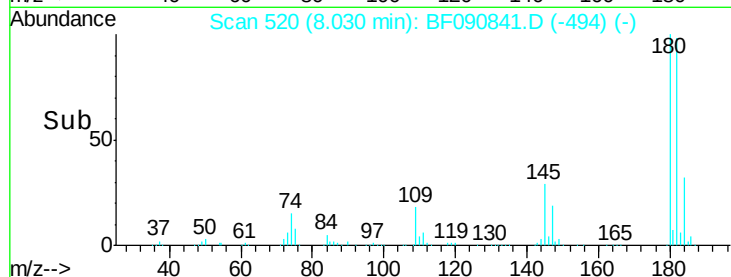
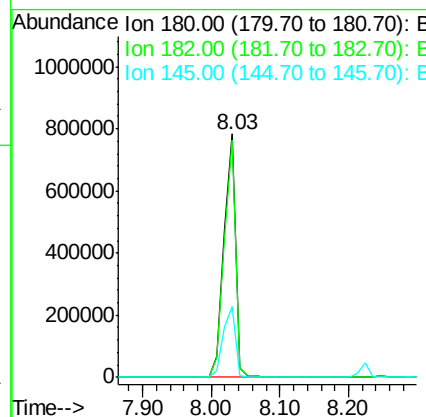
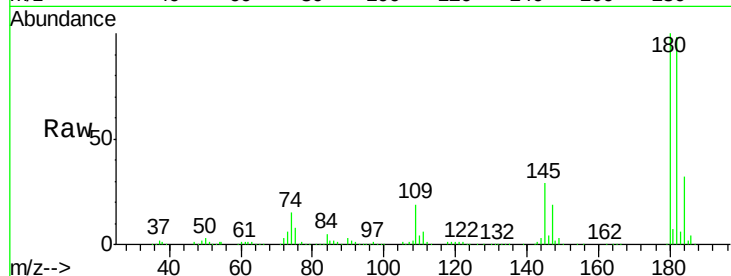


#30
1,2,4-Trichlorobenzene
Concen: 85.47 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

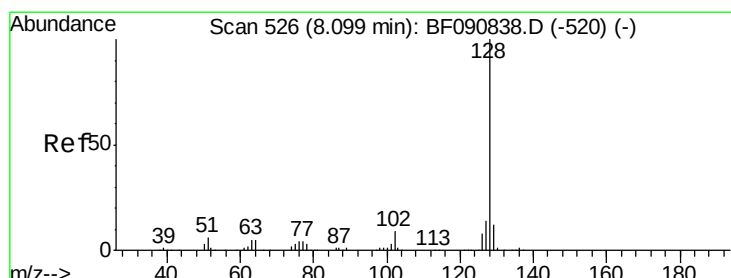
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.1	115.7
145	28.9	23.3	34.9

Manual Integrations
APPROVED



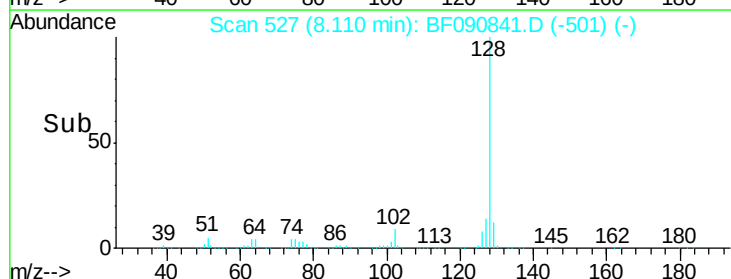
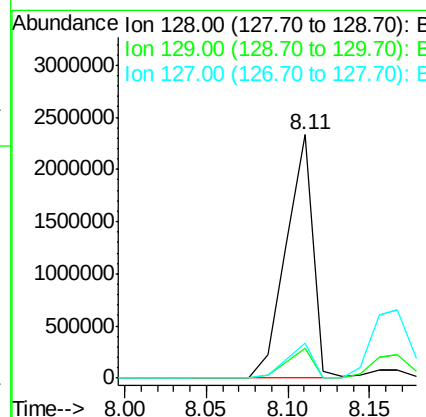
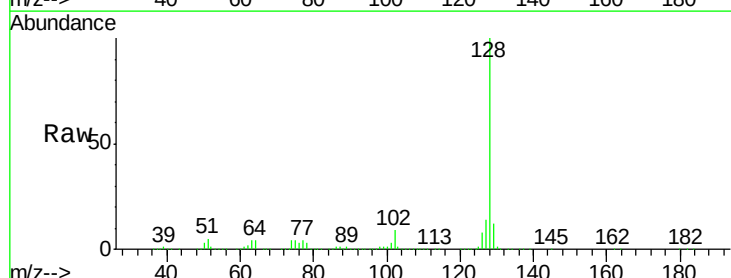
sohil

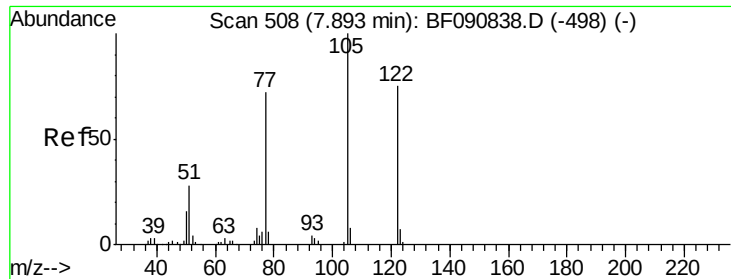
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#31
Naphthalene
Concen: 68.65 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.4	12.6
127	14.4	9.9	14.9



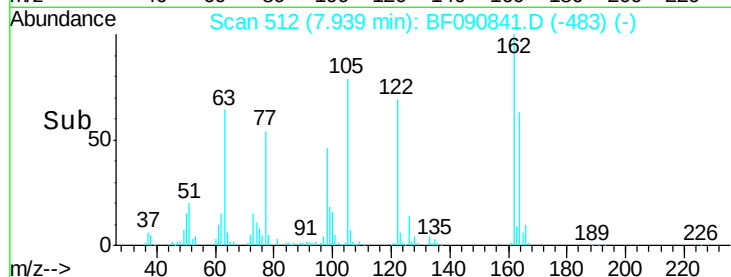
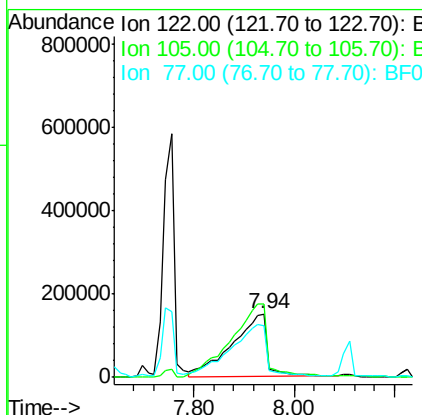
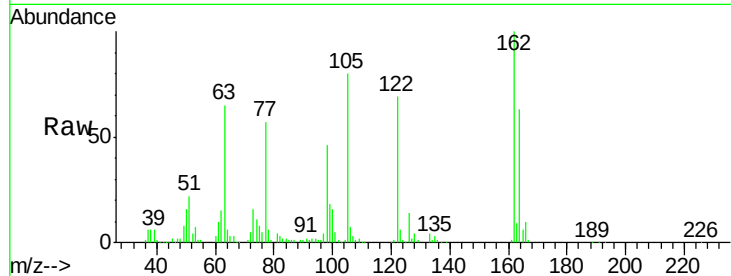


#32
Benzoic acid
Concen: 84.20 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.03 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

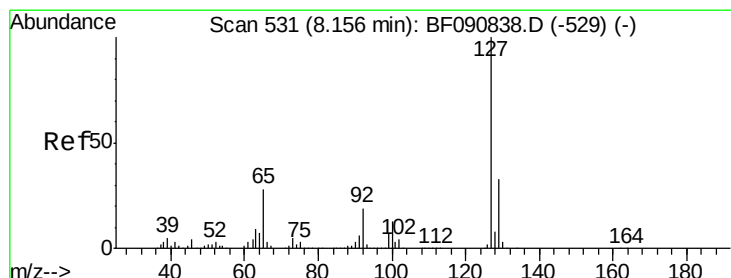
Tot Ion	Ratio	Lower	Upper
122	100		
105	115.7	76.1	116.1
77	82.1	40.5	80.5

Manual Integrations
APPROVED



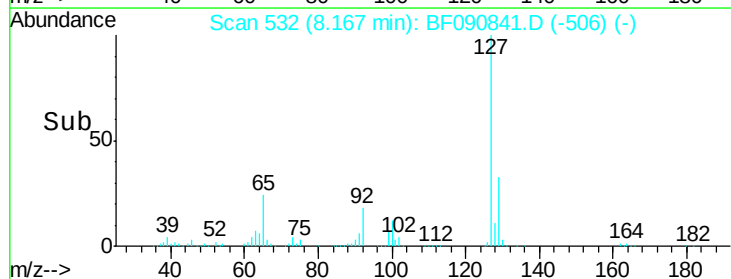
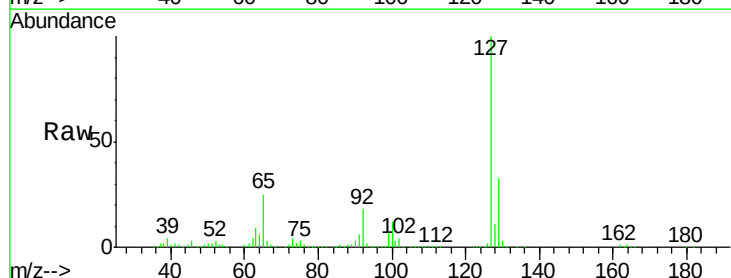
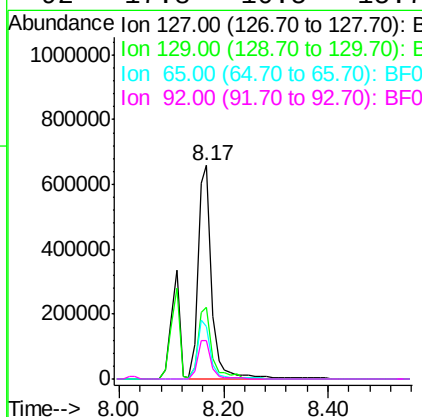
sohil

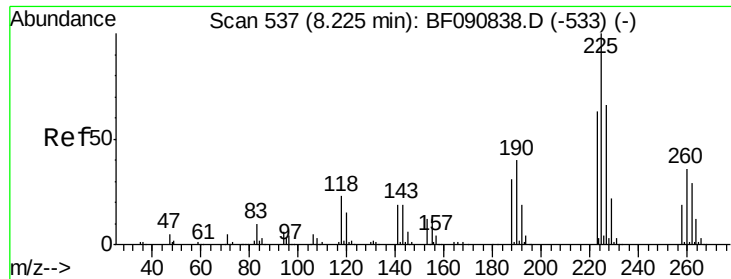
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#33
4-Chloroaniline
Concen: 81.99 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.6
65	24.7	17.9	26.9
92	17.8	10.5	15.7



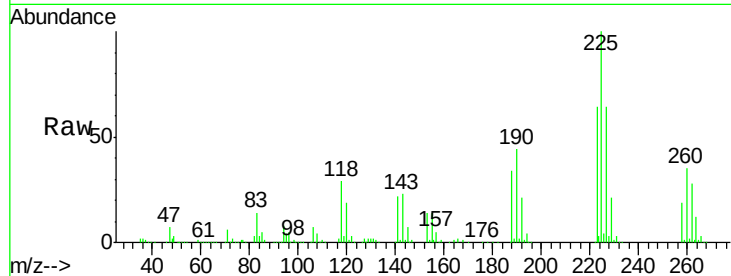


#34
Hexachlorobutadiene
Concen: 88.08 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

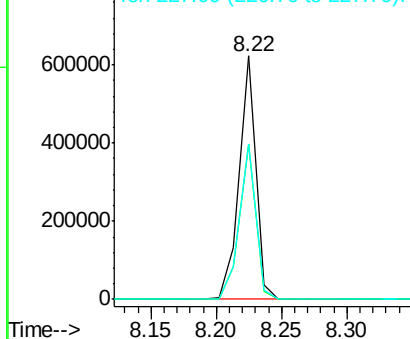
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	63.8	52.2	78.2

Manual Integrations
APPROVED

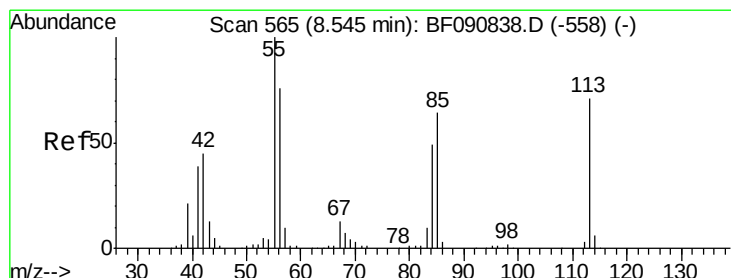
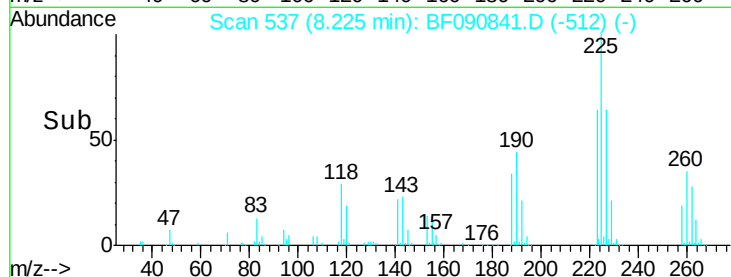


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



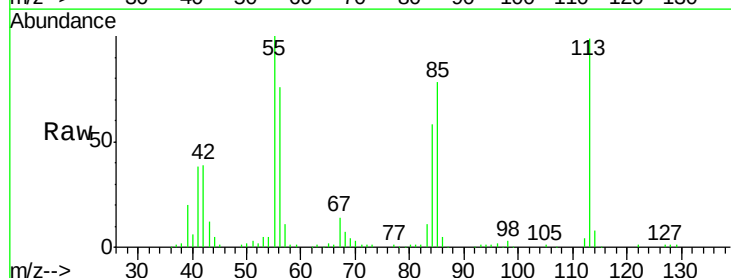
sohil

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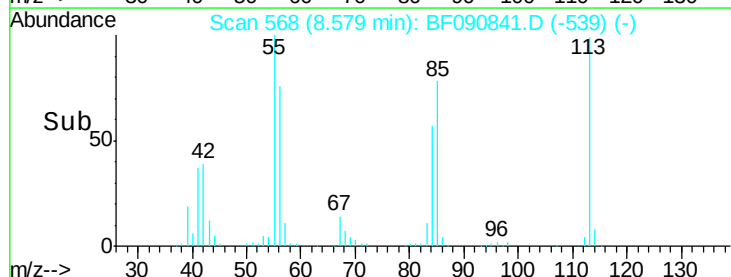
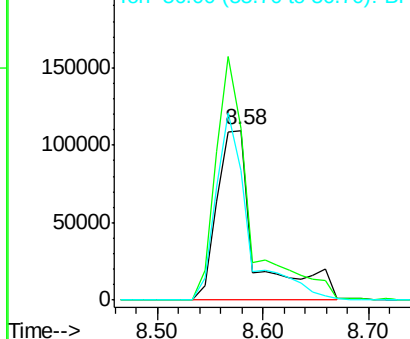


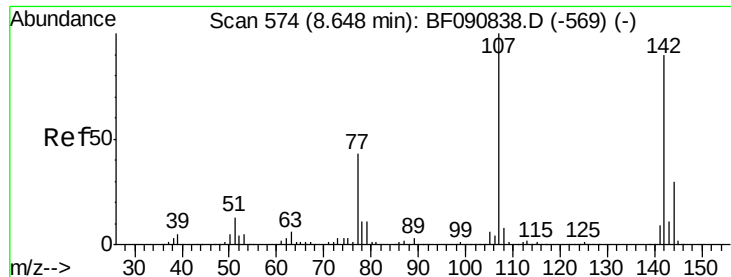
#35
Caprolactam
Concen: 104.50 ng m
RT: 8.58 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
113	100		
55	101.1	152.4	192.4#
56	76.7	104.6	144.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



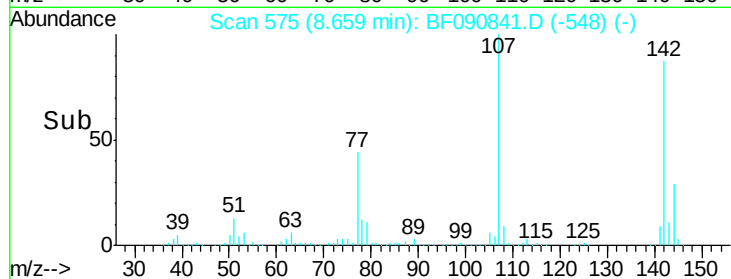
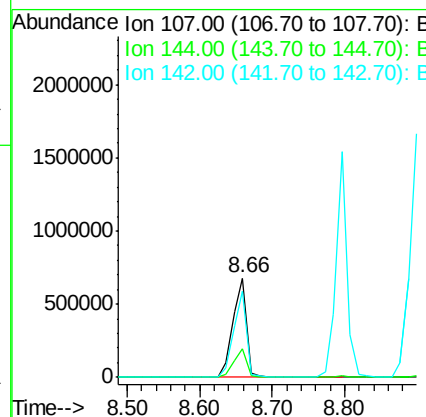
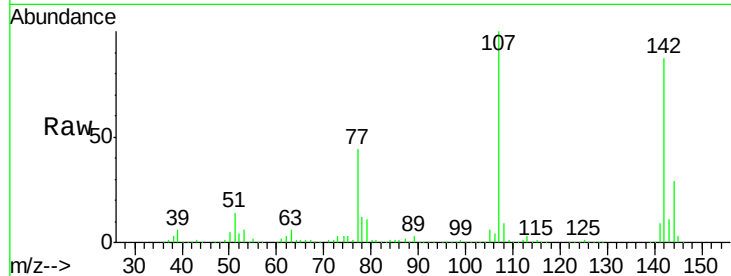


#36
 4-Chloro-3-methylphenol
 Concen: 80.82 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

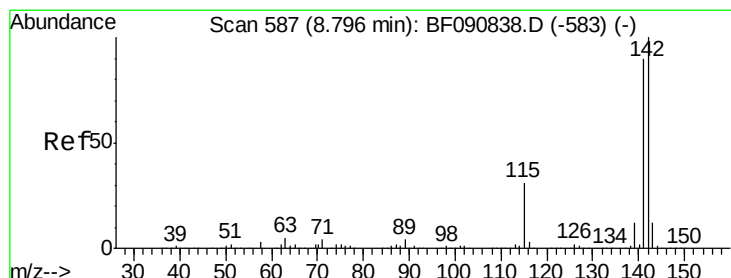
Tot Ion	Ratio	Lower	Upper
107	100		
144	29.2	25.4	38.0
142	86.6	77.3	115.9

Manual Integrations
 APPROVED



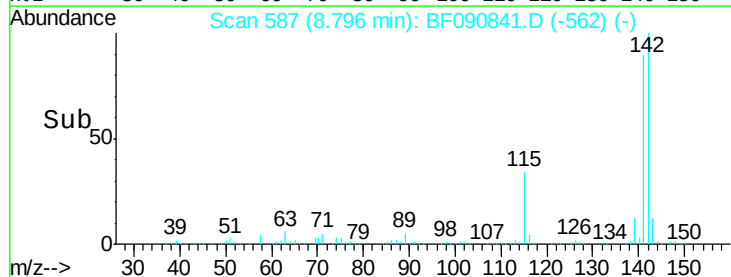
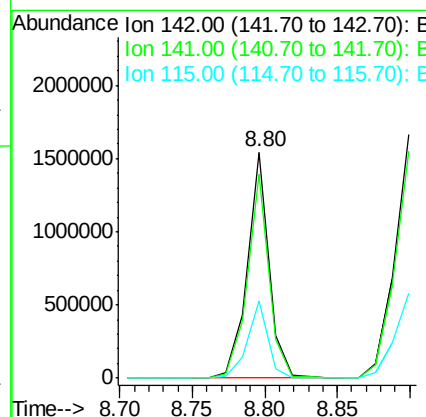
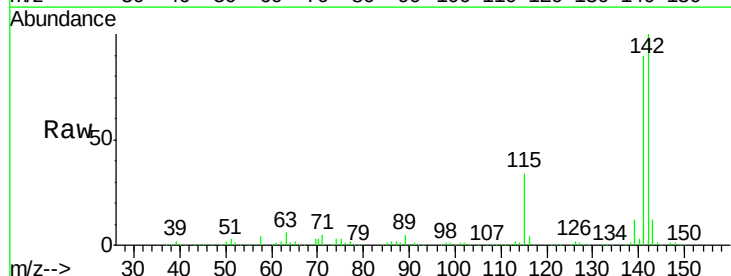
sohil

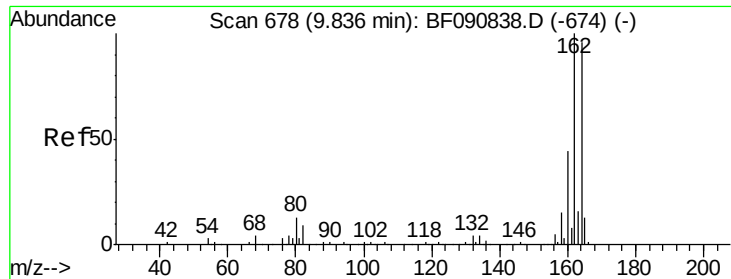
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#37
 2-Methylnaphthalene
 Concen: 70.09 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.5	101.3
115	34.2	18.2	27.2#



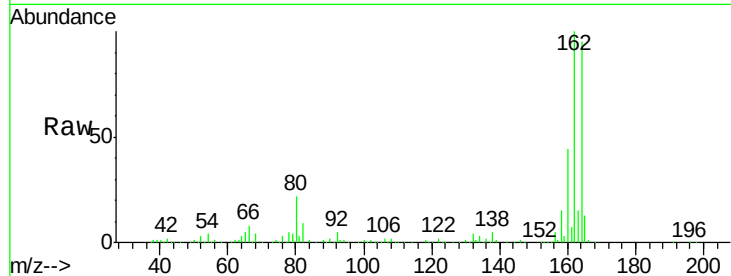


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

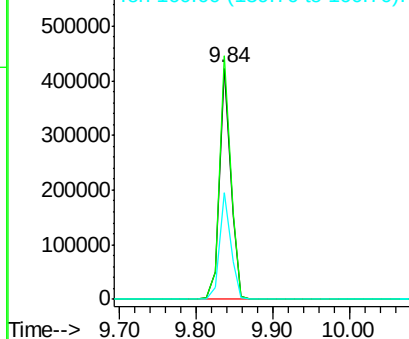
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	75.2	112.8
160	46.1	31.5	47.3

Manual Integrations
APPROVED

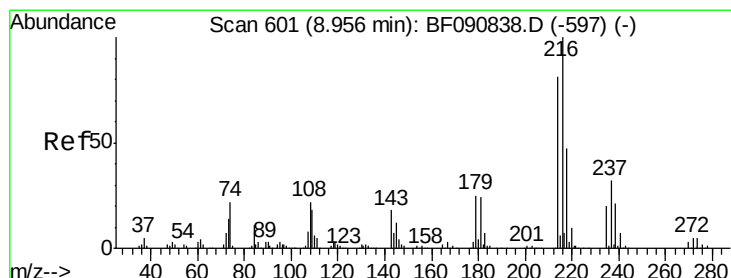
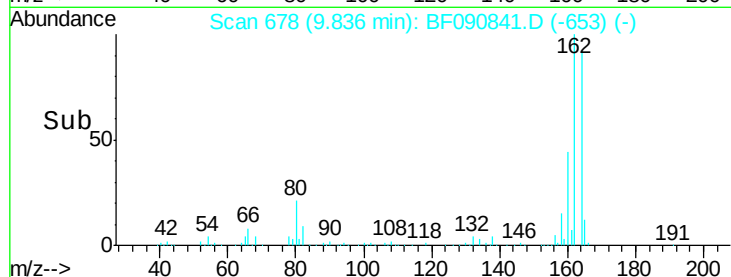


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



sohil

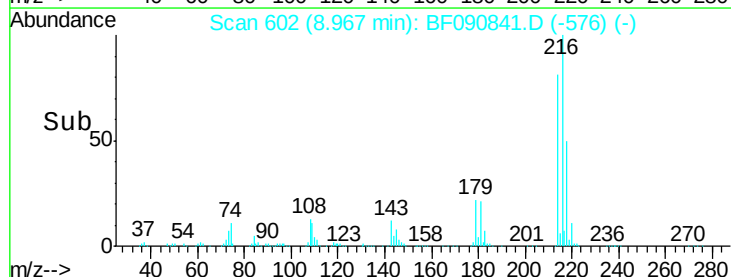
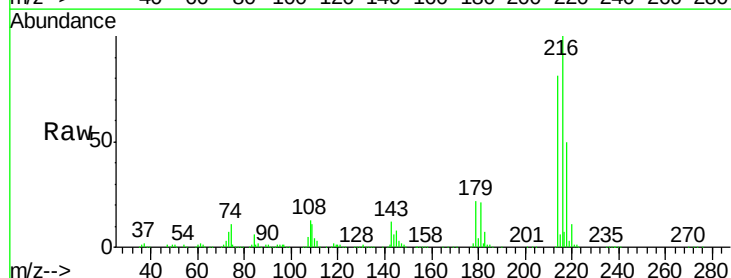
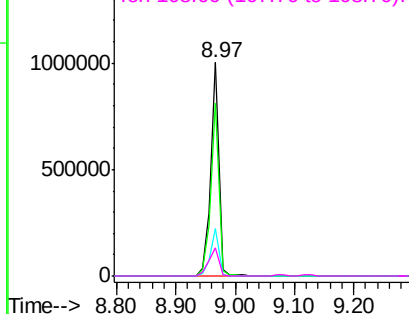
10/27/2016 3:45:56 PM

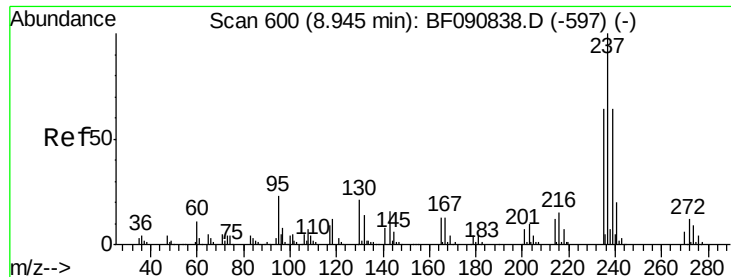


#39
1,2,4,5-Tetrachlorobenzene
Concen: 81.33 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.5	95.3
179	22.4	16.6	24.8
108	16.4	16.3	24.5

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



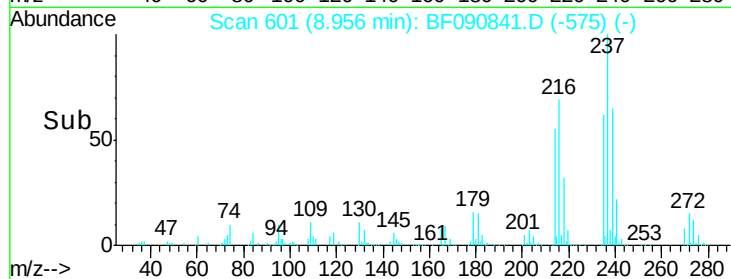
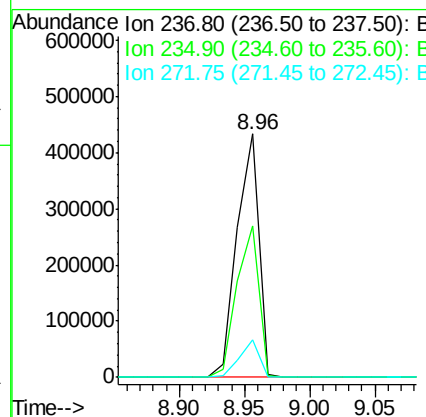
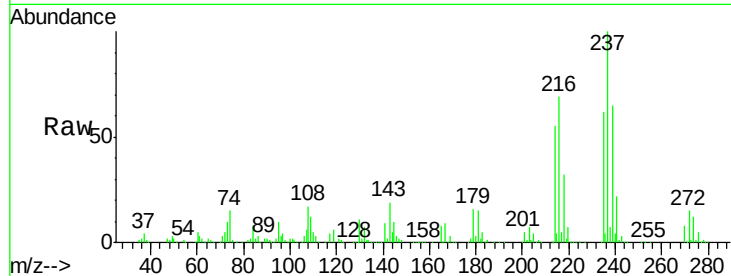


#40
Hexachlorocyclopentadiene
Concen: 90.38 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

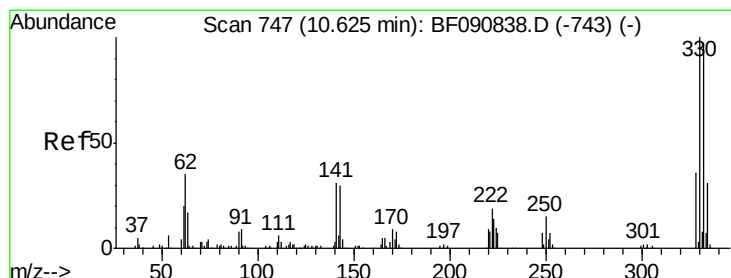
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.1	42.0	82.0
272	15.3	0.0	36.1

Manual Integrations
APPROVED



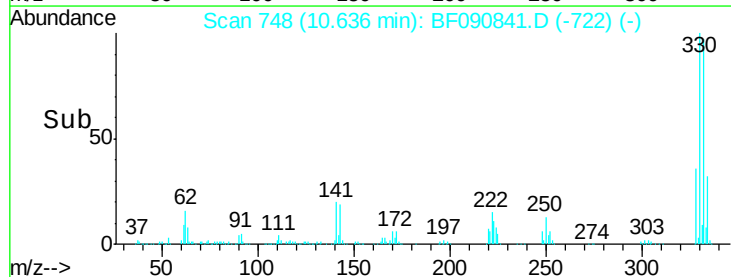
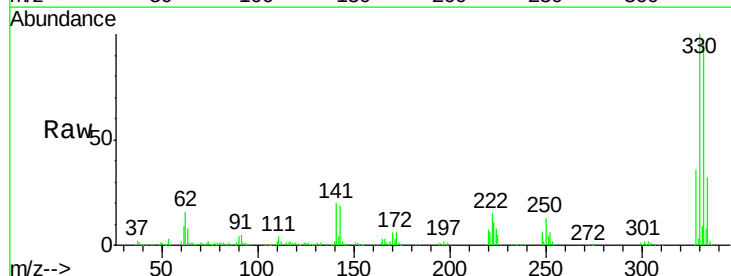
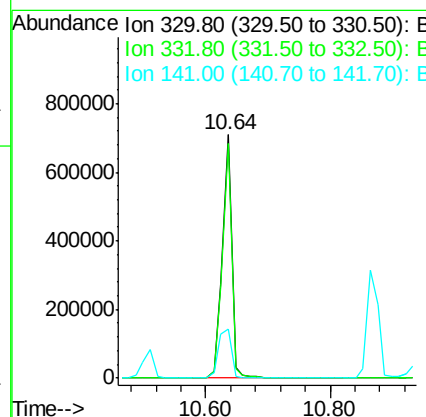
sohil

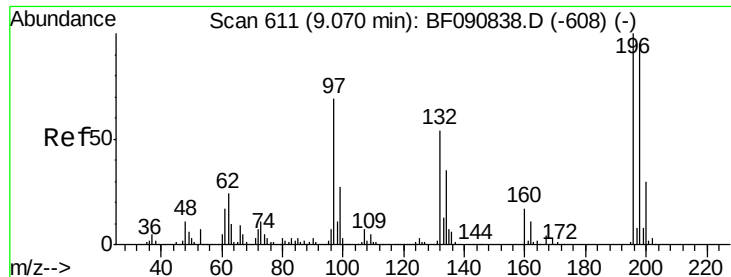
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#41
2,4,6-Tribromophenol
Concen: 212.19 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.4	76.6	114.8
141	28.1	29.7	44.5#





#42

2,4,6-Trichlorophenol

Concen: 88.33 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

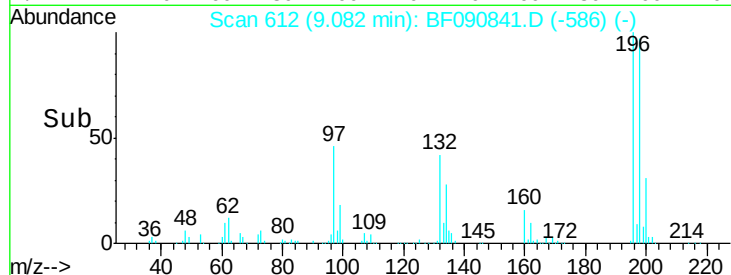
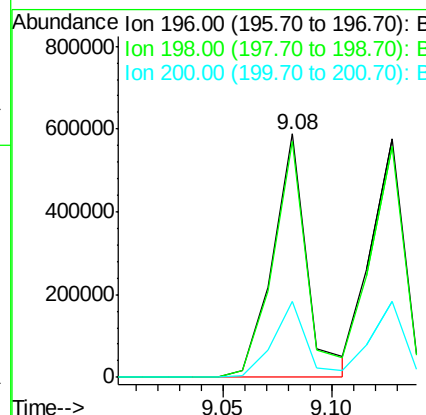
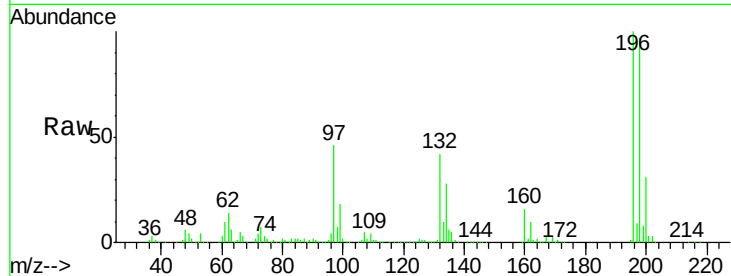
BNA_F

ClientSampled :

SSTDIC080

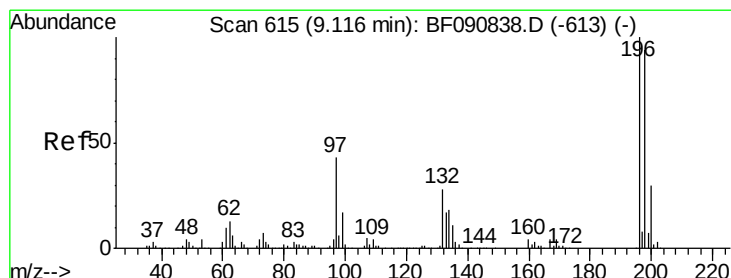
Tot Ion:	196	Resp:	646452
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
200	31.3	23.9	35.9

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 84.99 ng

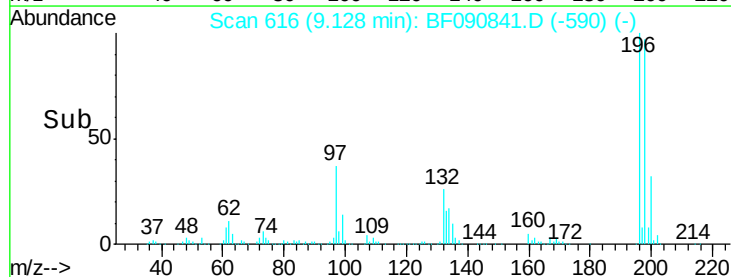
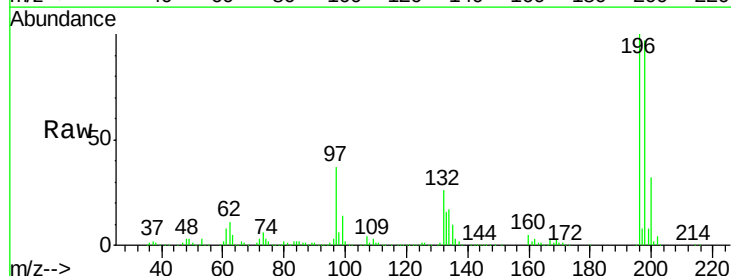
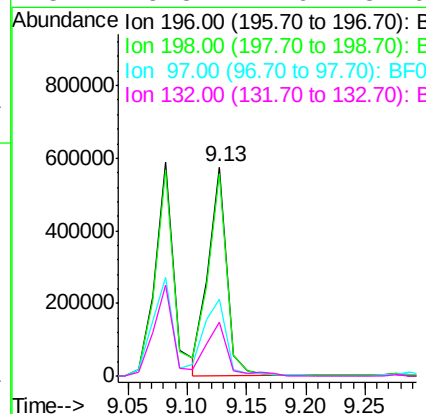
RT: 9.13 min Scan# 616

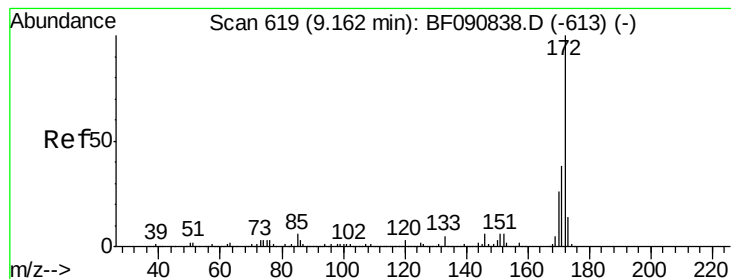
Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Tgt Ion:	196	Resp:	631257
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.4	113.0
97	36.8	33.3	49.9
132	25.8	24.6	37.0



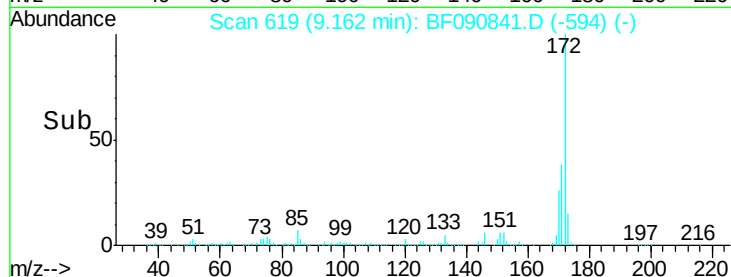
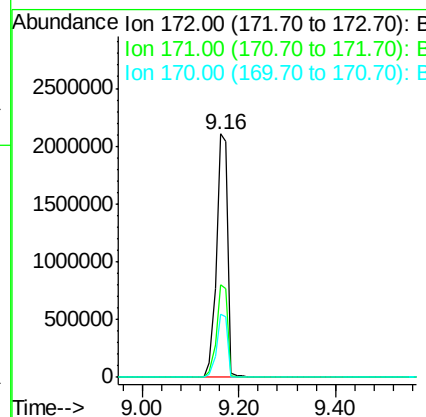
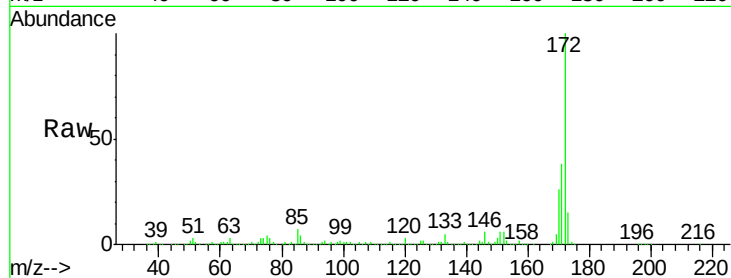


#44
2-Fluorobiphenyl
Concen: 125.41 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

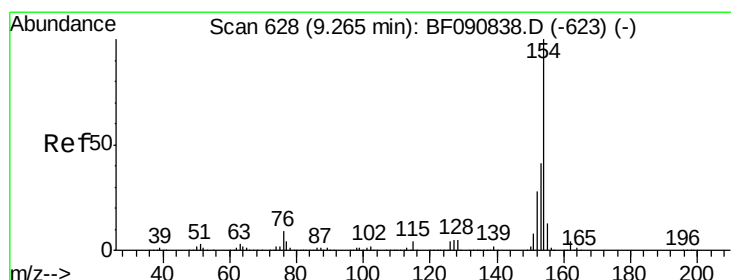
Tot Ion:172 Resp: 3530796
Ion Ratio Lower Upper
172 100
171 37.9 26.1 39.1
170 26.1 17.4 26.2

Manual Integrations
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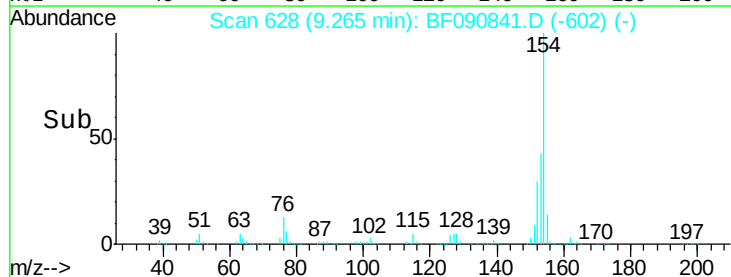
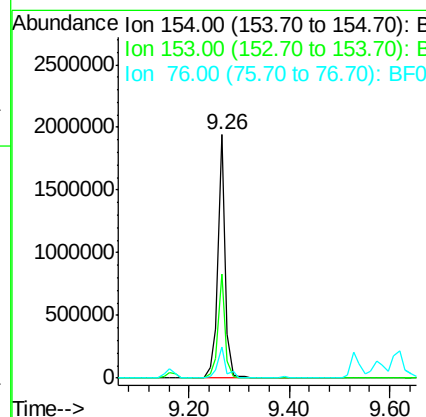
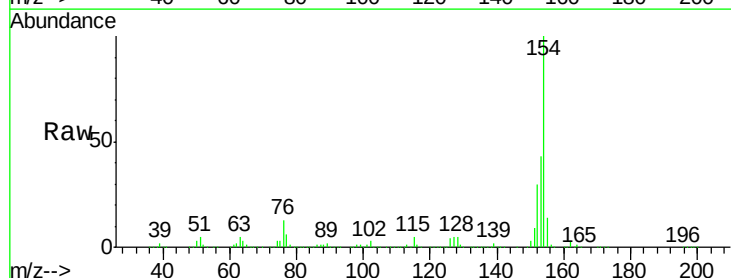
sohil

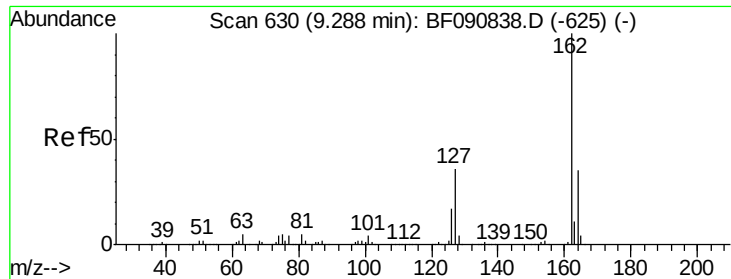
10/27/2016 3:45:56 PM



#45
1,1'-Biphenyl
Concen: 56.87 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion:154 Resp: 1952085
Ion Ratio Lower Upper
154 100
153 42.6 17.1 57.1
76 12.8 0.0 31.6





#46

2-Chloronaphthalene

Concen: 61.66 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1572919

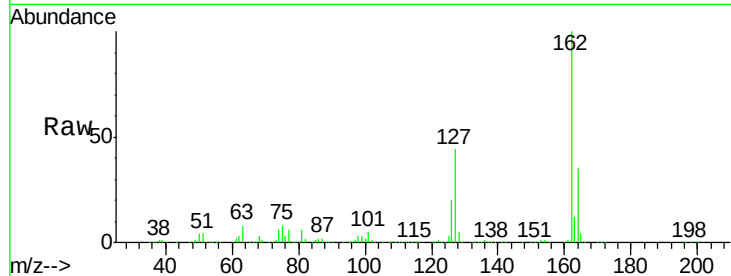
Ion Ratio Lower Upper

162 100

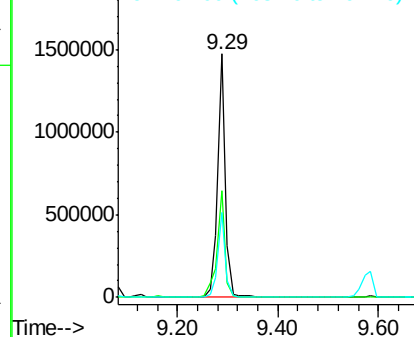
127 43.7 27.6 41.4#

164 34.7 25.4 38.2

Manual Integrations
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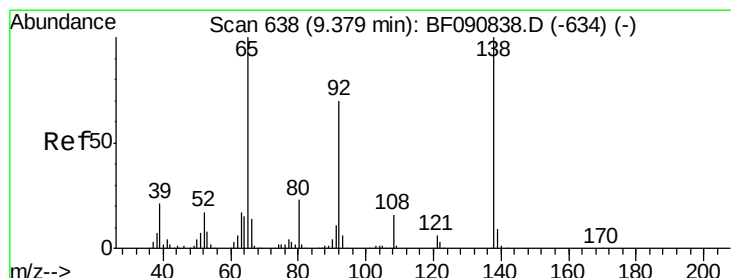
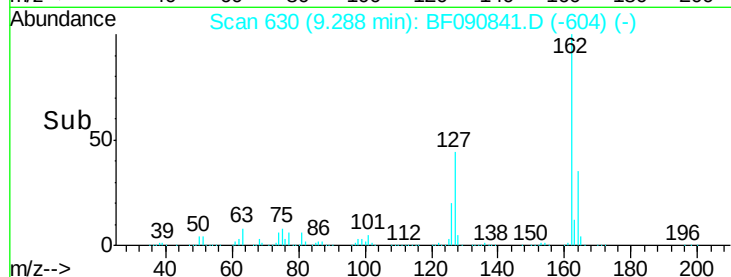


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



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#47

2-Nitroaniline

Concen: 60.70 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

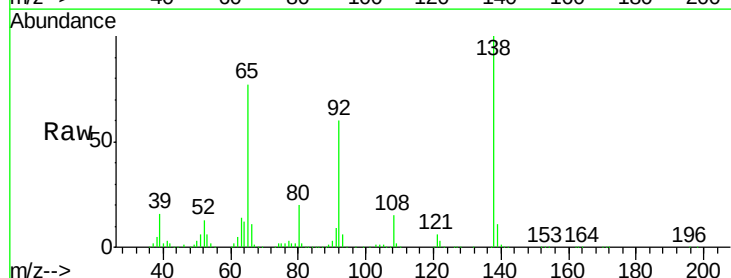
Tgt Ion: 65 Resp: 514029

Ion Ratio Lower Upper

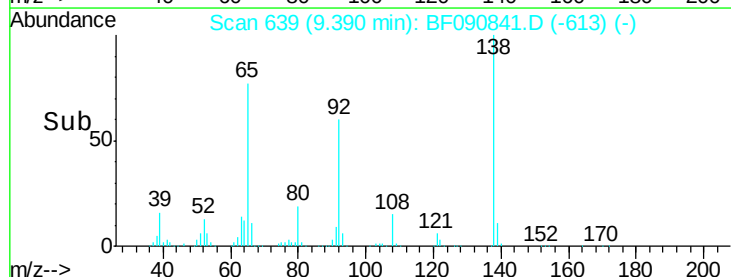
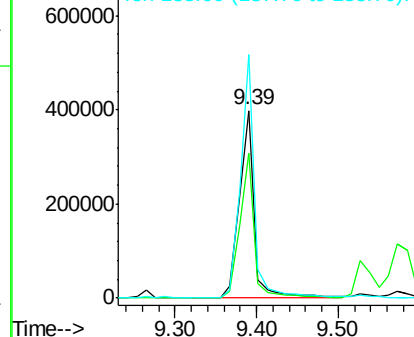
65 100

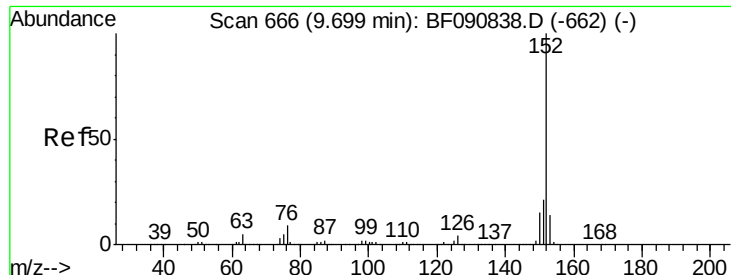
92 77.1 55.4 83.0

138 129.6 115.5 173.3



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



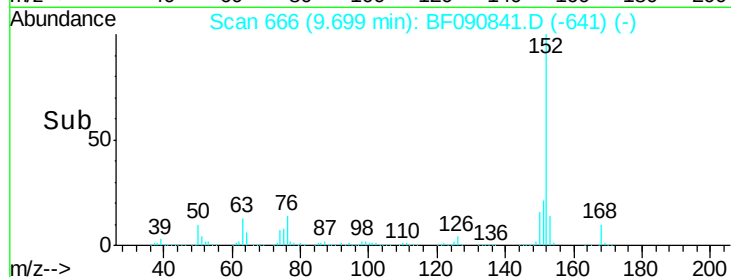
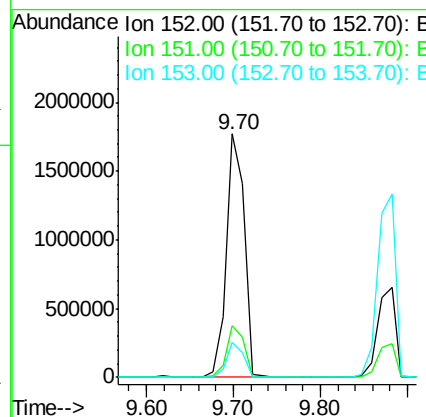
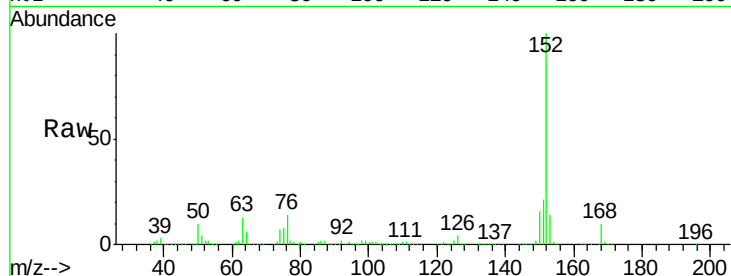


#48
Acenaphthylene
Concen: 65.23 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampled :
SSTDIC080

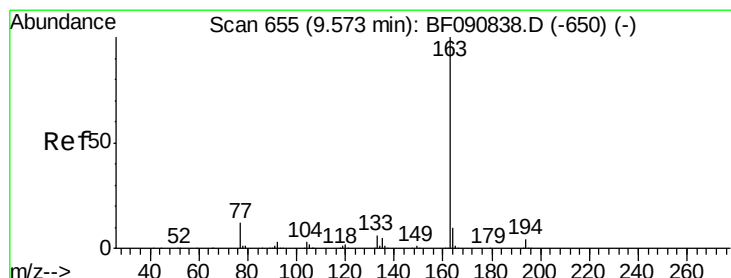
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	14.6	22.0
153	14.4	10.3	15.5

Manual Integrations
APPROVED



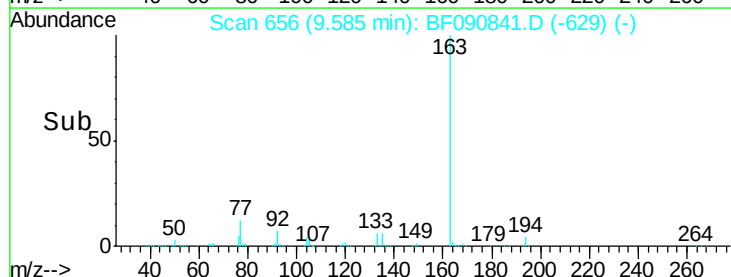
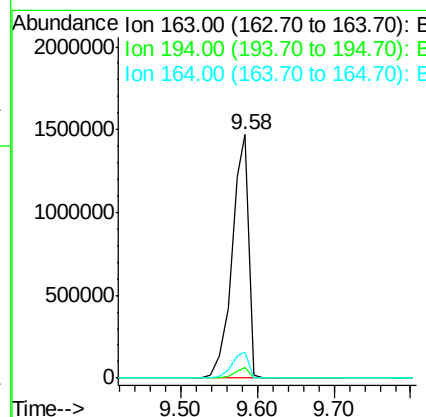
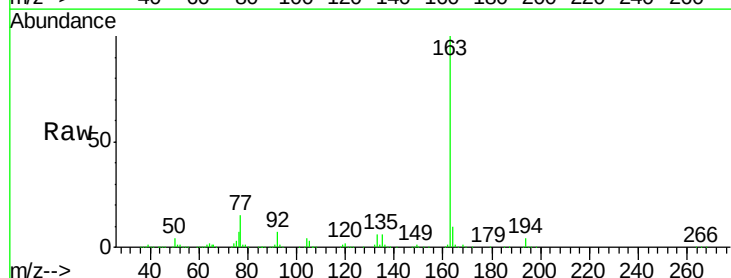
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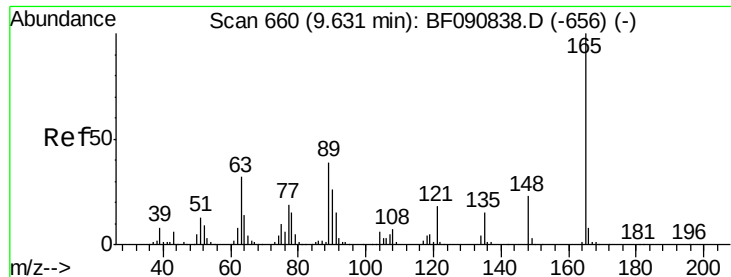
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#49
Dimethylphthalate
Concen: 82.28 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	10.5	8.3	12.5



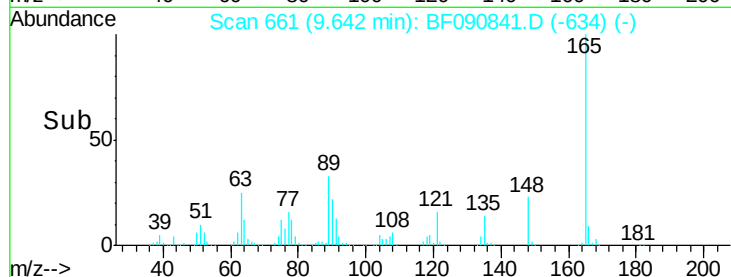
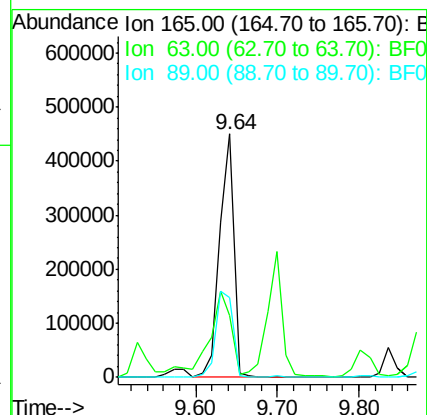
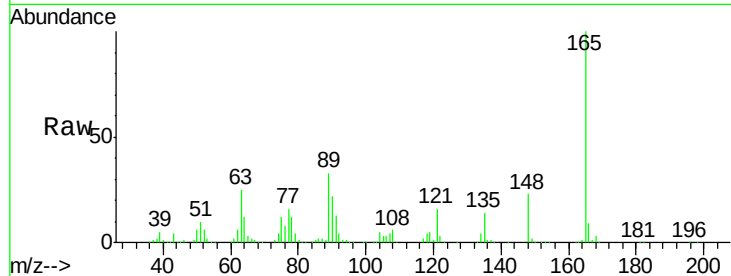


#50
 2,6-Dinitrotoluene
 Concen: 93.24 ng
 RT: 9.64 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

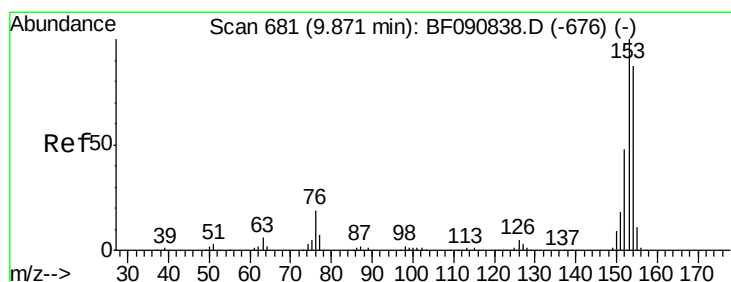
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	25.4	32.3	48.5#	
89	32.6	28.6	43.0	

Manual Integrations
 APPROVED



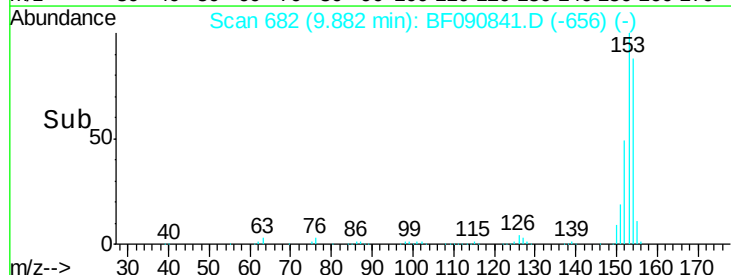
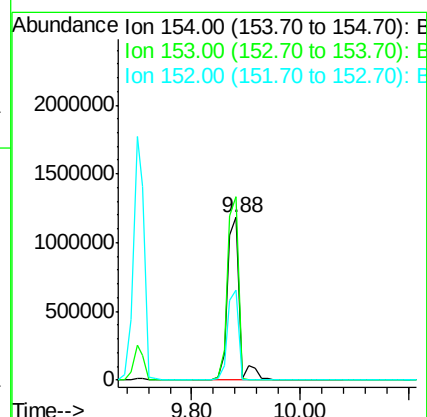
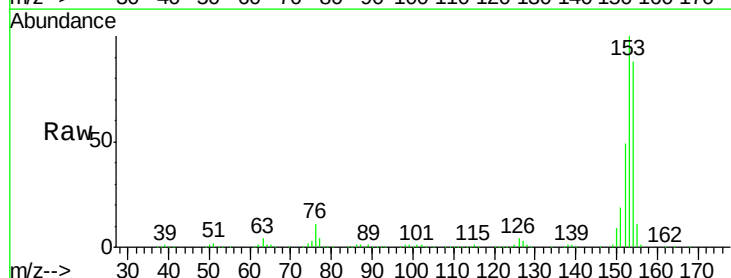
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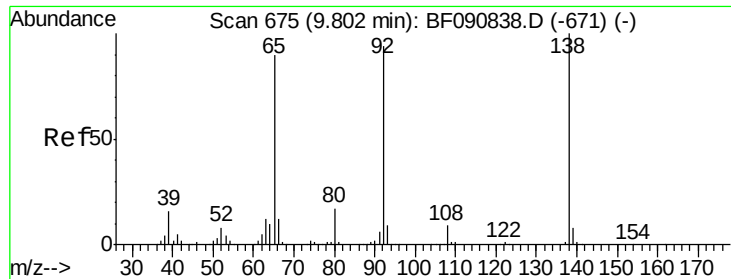
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#51
 Acenaphthene
 Concen: 71.55 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.0	82.1	123.1	
152	55.4	37.9	56.9	





#52

3-Nitroaniline

Concen: 80.59 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

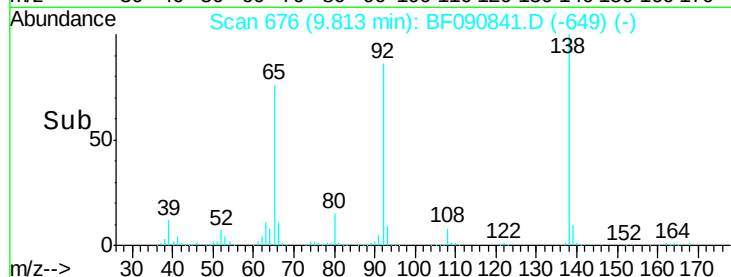
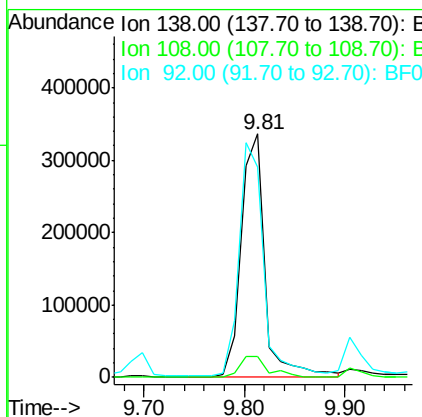
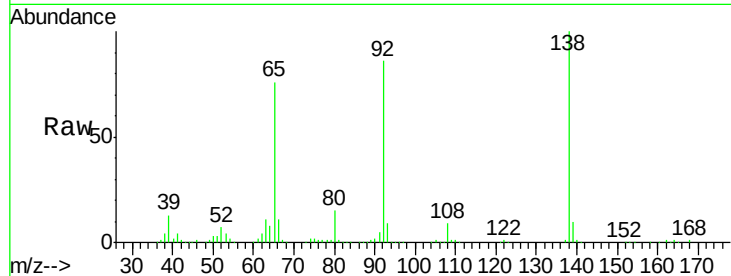
BNA_F

ClientSampleId :

SSTDIC080

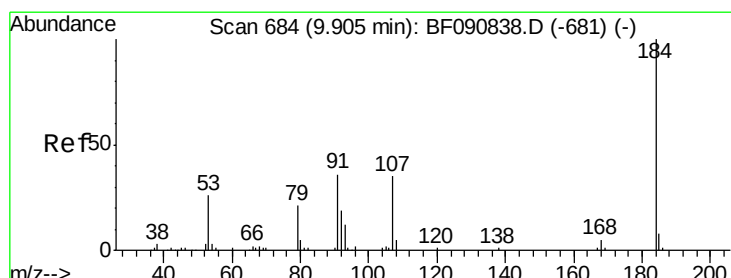
Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	5.7	8.5#
92	86.2	67.7	101.5

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 85.13 ng

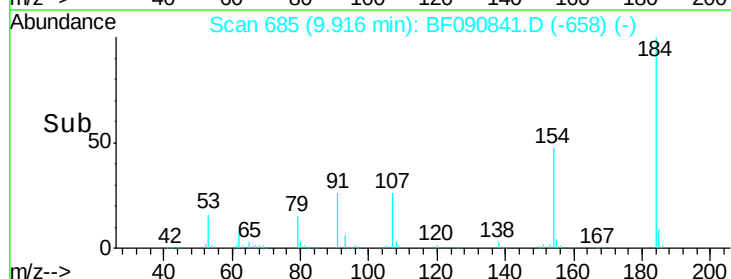
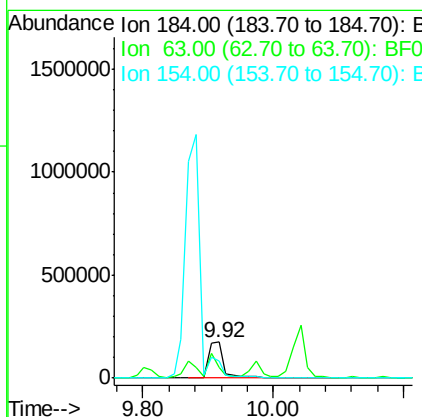
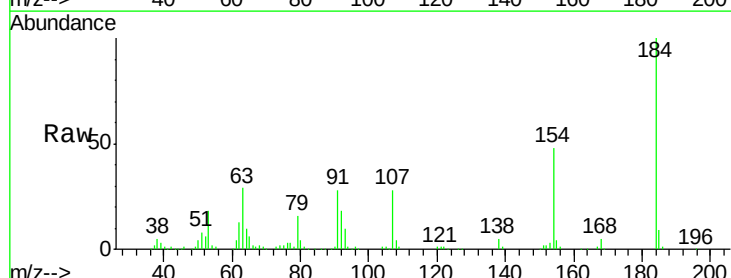
RT: 9.92 min Scan# 685

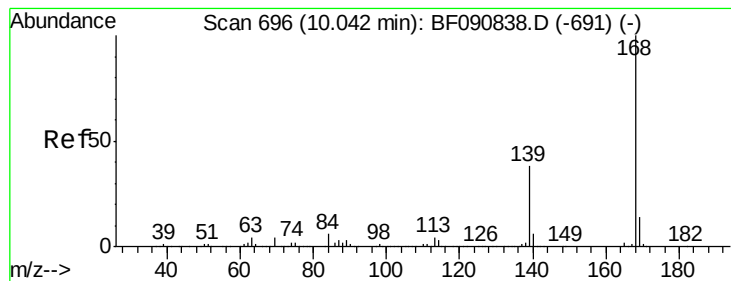
Delta R.T. 0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	29.0	35.4	53.2#
154	47.8	32.2	48.4





#54

Dibenzenofuran

Concen: 78.77 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:168 Resp: 2465818

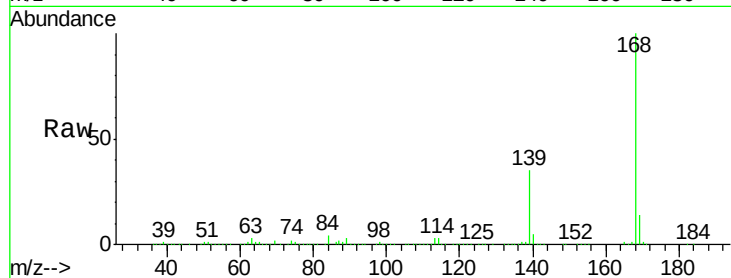
Ion Ratio Lower Upper

168 100

139 35.1 24.2 36.2

169 13.6 10.6 15.8

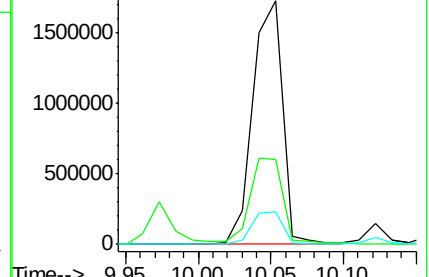
Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

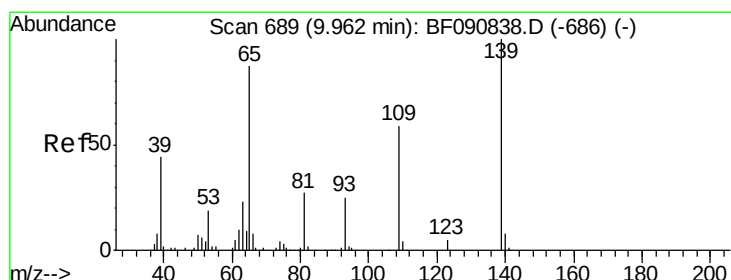
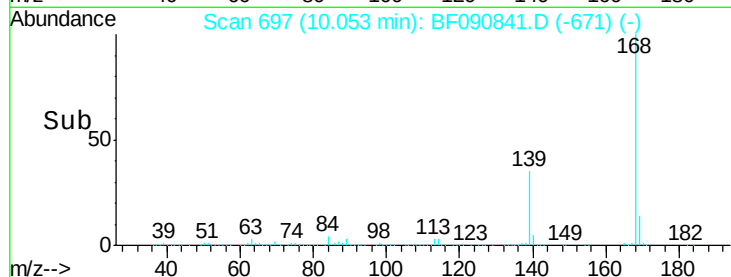
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 87.27 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

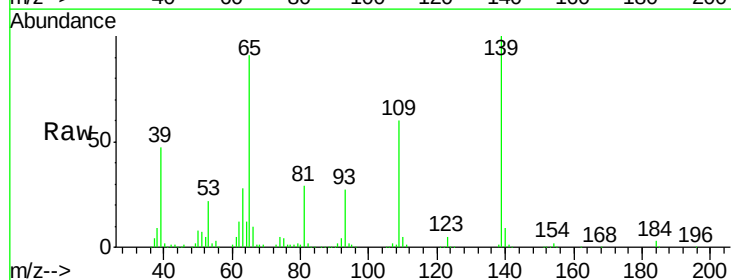
Tgt Ion:139 Resp: 366427

Ion Ratio Lower Upper

139 100

109 60.3 12.7 52.7#

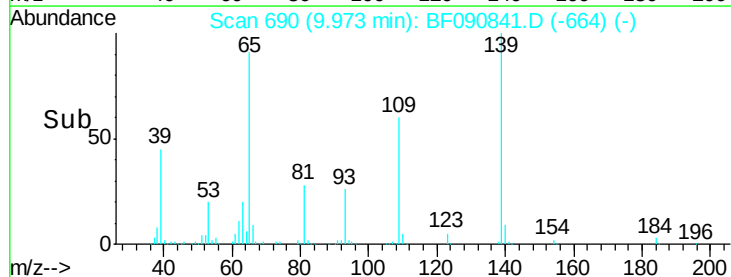
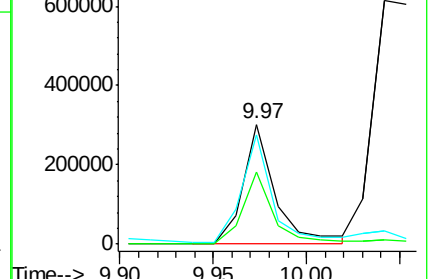
65 91.4 45.9 85.9#

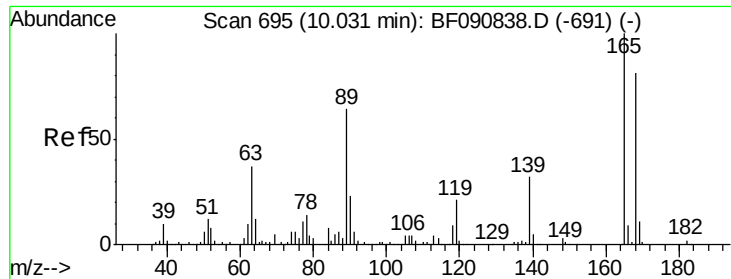


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



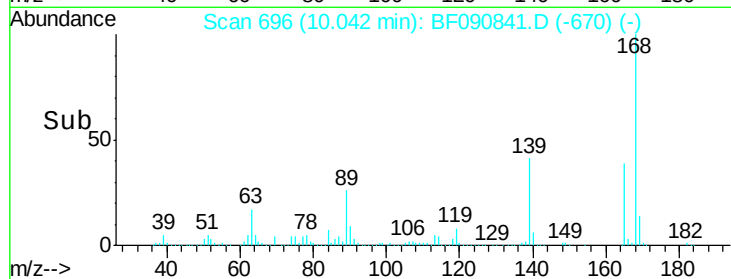
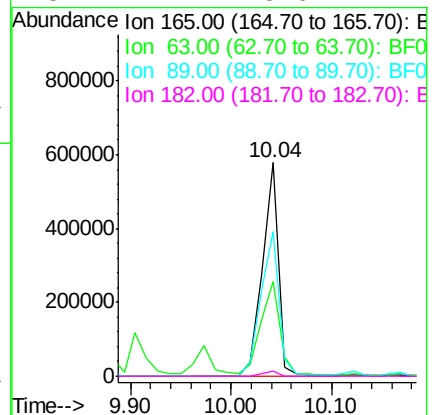
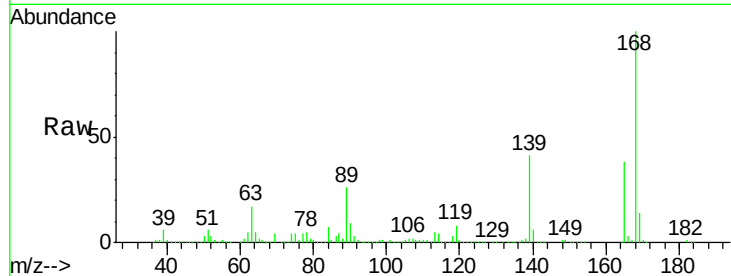


#56
 2,4-Dinitrotoluene
 Concen: 88.98 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

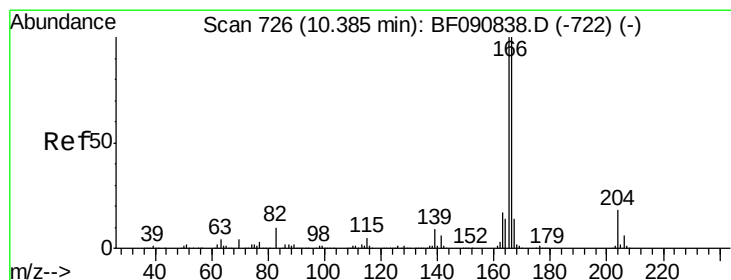
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		642303		
63	44.1	29.8	44.6		
89	67.5	44.5	66.7#		
182	2.4	3.0	4.4#		

Manual Integrations
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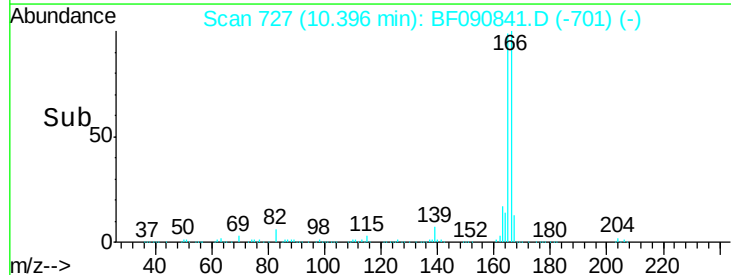
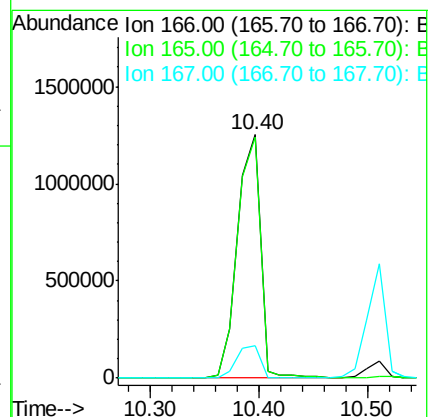
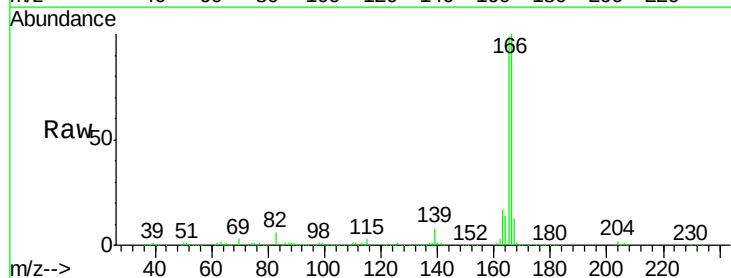
sohil

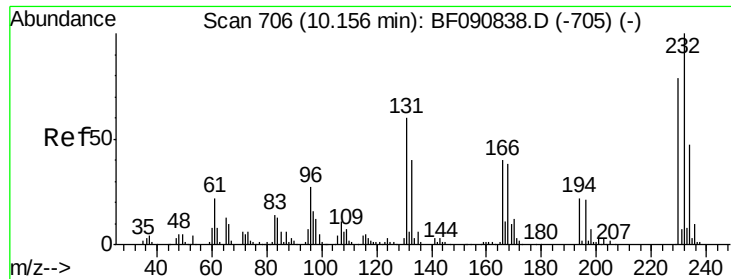
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#57
 Fluorene
 Concen: 70.07 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1817771		
165	99.0	72.6	109.0		
167	13.4	10.6	16.0		



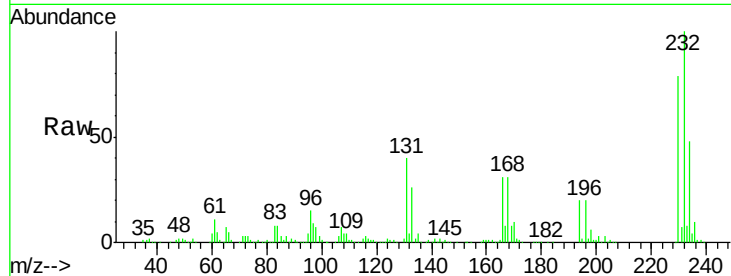


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 97.73 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

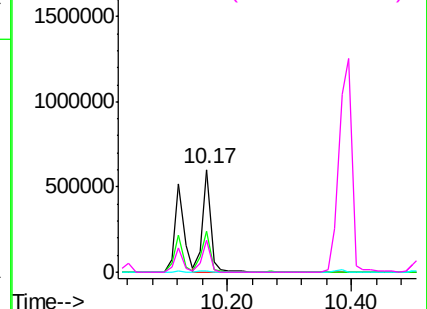
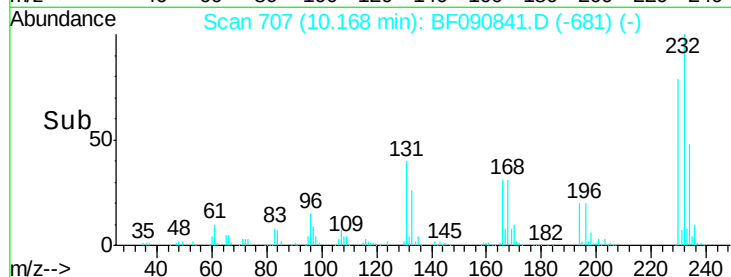
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion:	232	Resp:	569603
Ion Ratio	Lower	Upper	
232	100		
131	42.7	38.5	57.7
130	2.0	1.8	2.6
166	31.0	25.0	37.6

Manual Integrations
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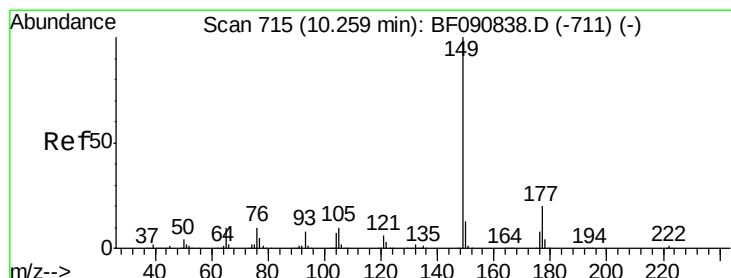


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



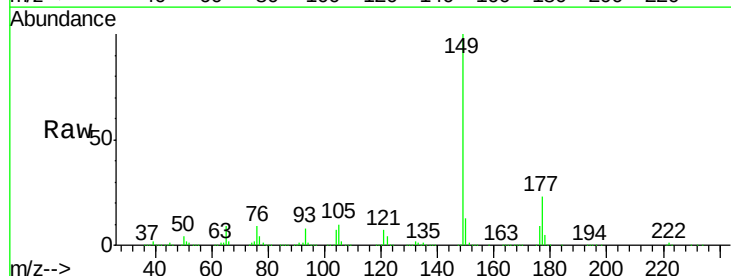
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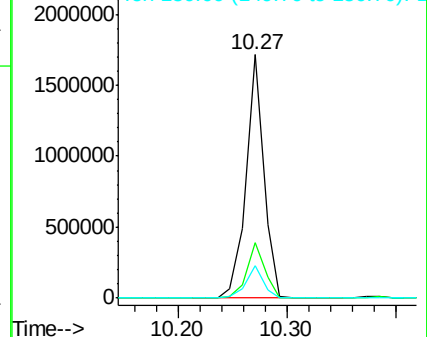
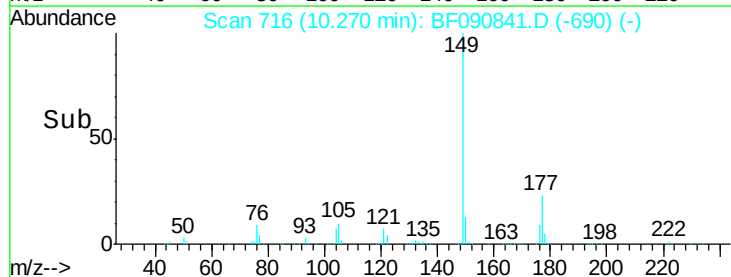


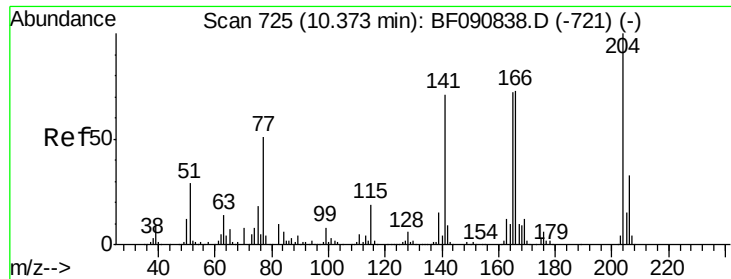
#59
 Diethylphthalate
 Concen: 67.78 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion:	149	Resp:	1930575
Ion Ratio	Lower	Upper	
149	100		
177	23.0	17.5	26.3
150	13.1	9.4	14.2



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





#60

4-Chlorophenyl-phenylether

Concen: 79.62 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

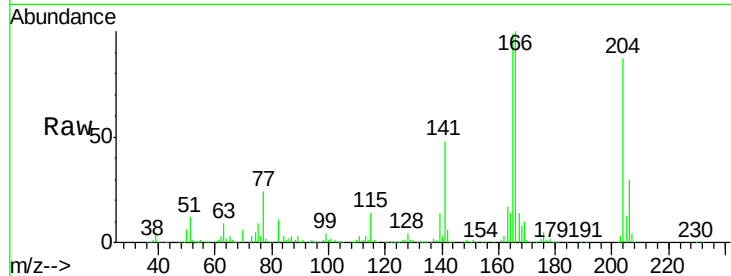
BNA_F

ClientSampleId :

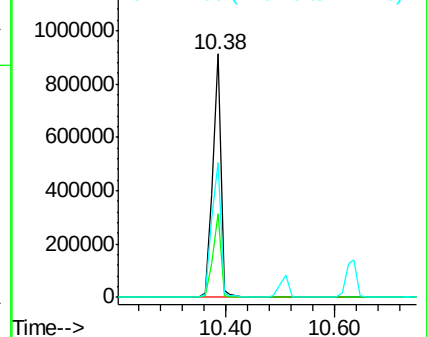
SSTDIC080

Tot Ion:	204	Resp:	943992
Ion Ratio	Lower	Upper	
204	100		
206	34.3	24.8	37.2
141	55.2	42.2	63.4

Manual Integrations
APPROVED

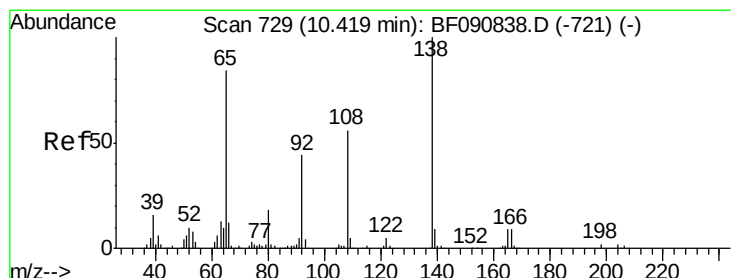
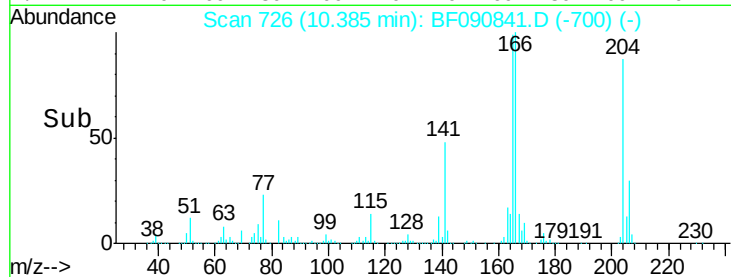


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



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#61

4-Nitroaniline

Concen: 81.54 ng

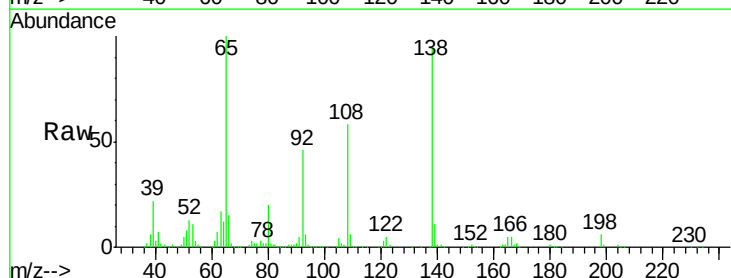
RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

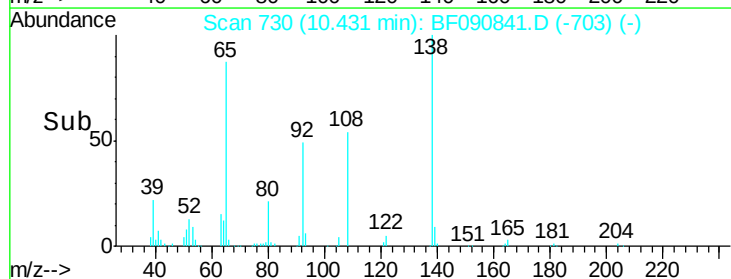
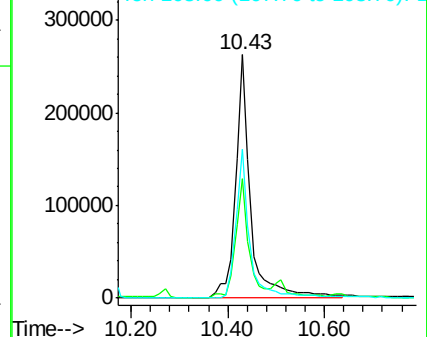
Lab File: BF090841.D

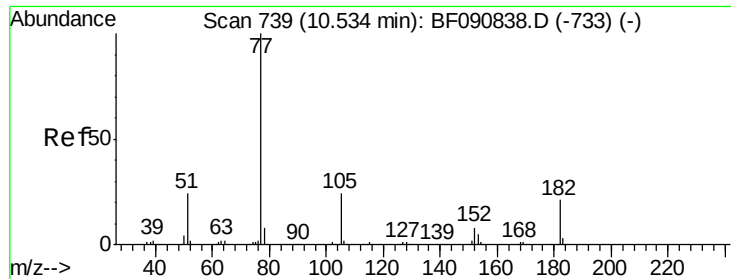
Acq: 26 Oct 2016 14:21

Tgt Ion:	138	Resp:	560642
Ion Ratio	Lower	Upper	
138	100		
92	49.3	12.6	52.6
108	61.3	12.4	52.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



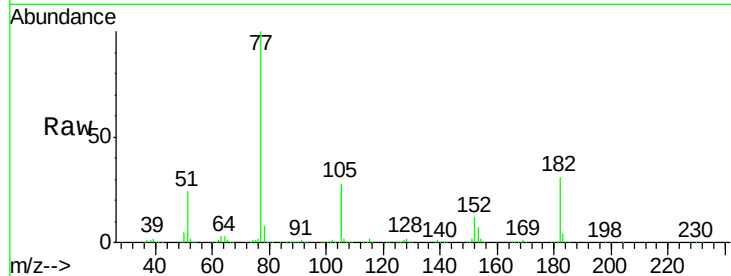


#62
Azobenzene
Concen: 61.04 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

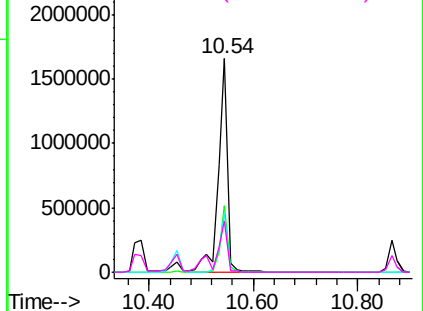
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.3	15.1	55.1	
105	27.7	3.4	43.4	
51	24.2	12.0	52.0	

Manual Integrations
APPROVED

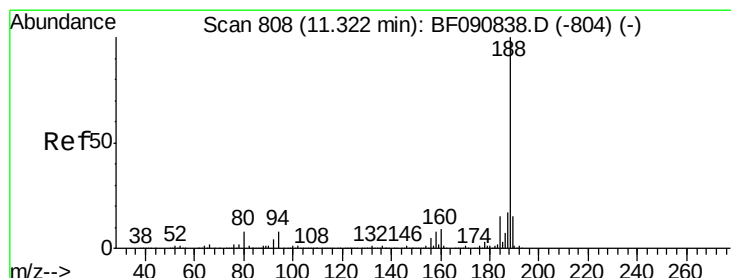
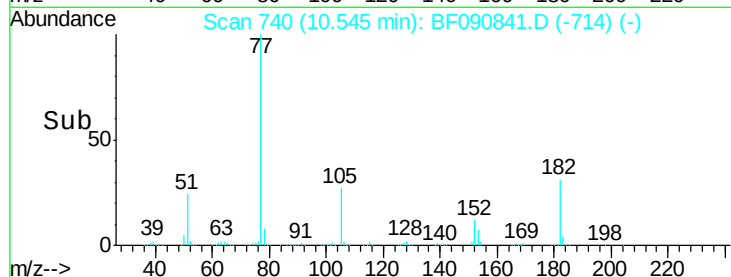


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



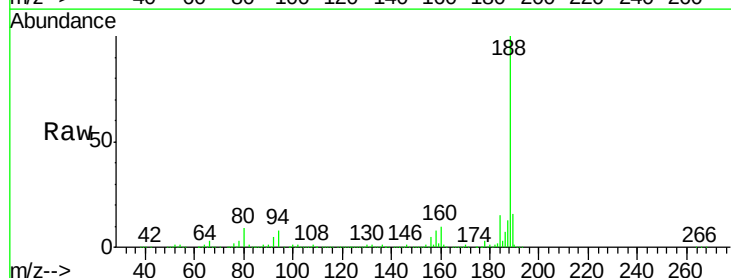
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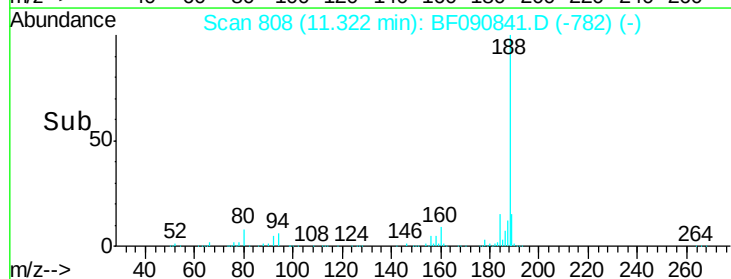
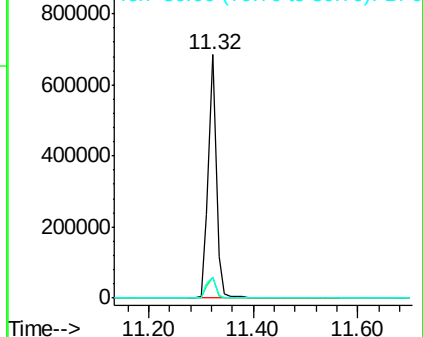


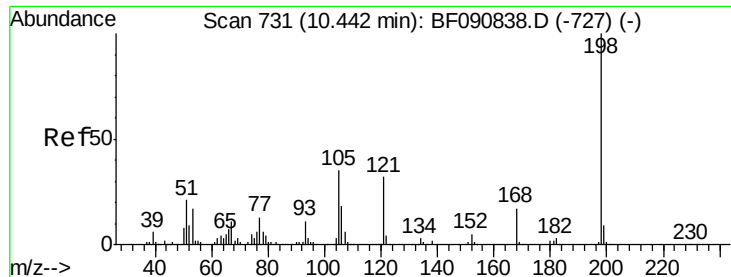
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	11.1	16.7#	
80	8.7	11.0	16.4#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



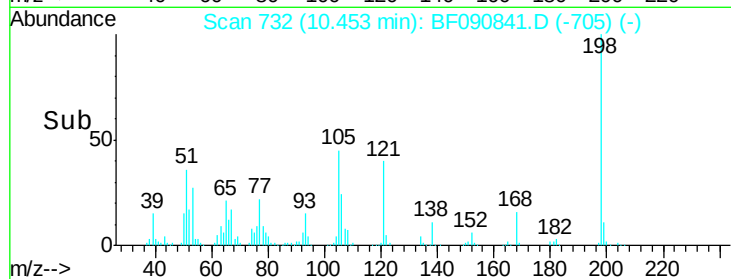
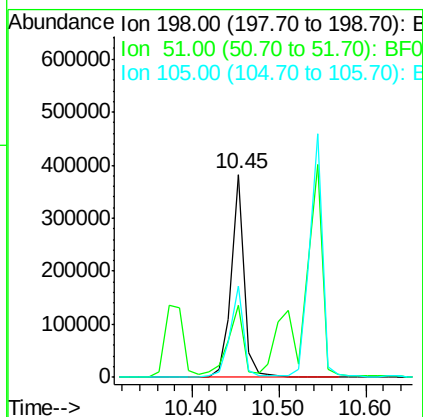
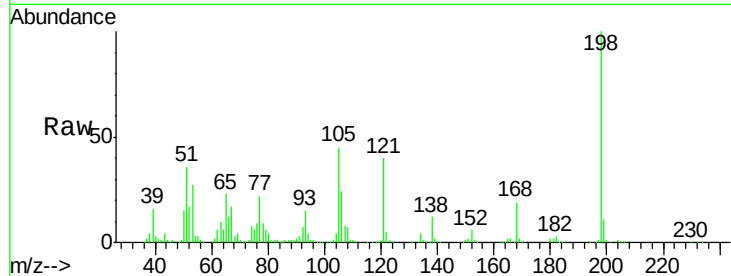


#64
4,6-Dinitro-2-methylphenol
Concen: 80.50 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

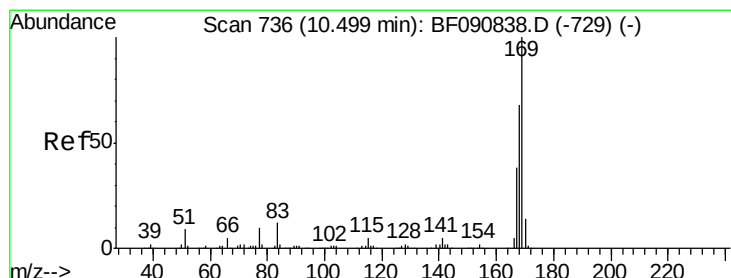
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.8	39.6	79.6#
105	45.0	28.5	68.5

Manual Integrations
APPROVED



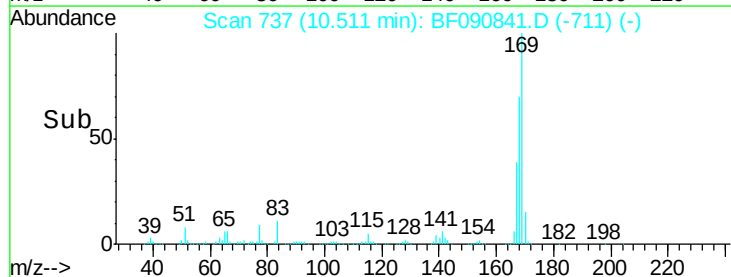
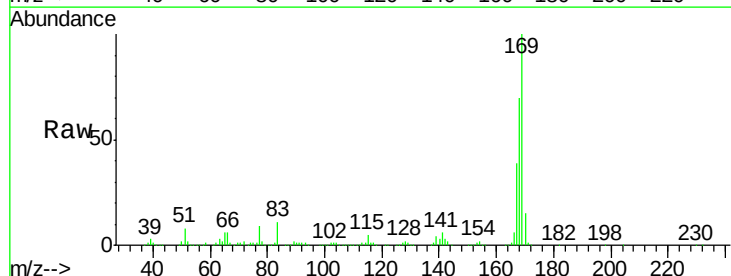
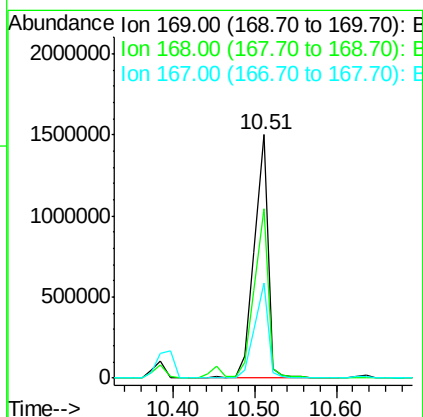
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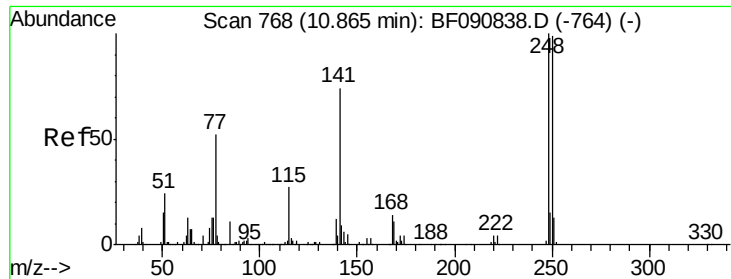
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#65
n-Nitrosodiphenylamine
Concen: 73.35 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	48.9	73.3
167	39.3	26.2	39.4





#66

4-Bromophenyl-phenylether

Concen: 92.45 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

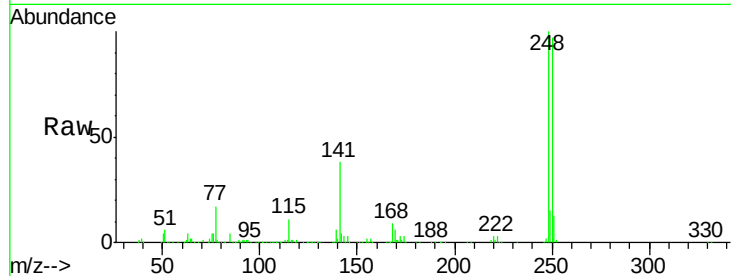
BNA_F

ClientSampled :

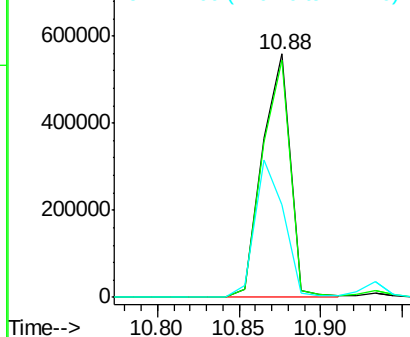
SSTDIC080

Tot Ion:	248	Resp:	667290
Ion Ratio	Lower	Upper	
248	100		
250	97.4	78.5	117.7
141	38.0	59.0	88.6#

Manual Integrations
APPROVED

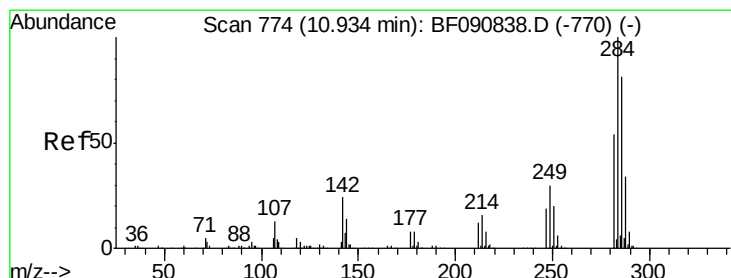
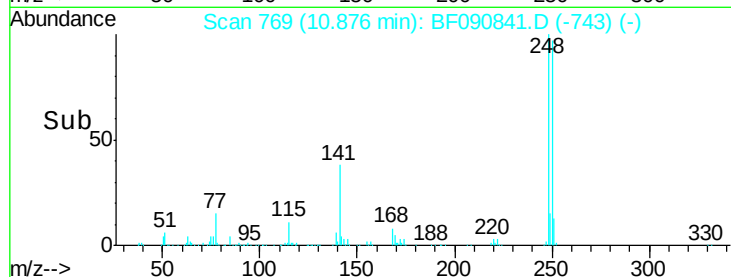


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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#67

Hexachlorobenzene

Concen: 84.44 ng

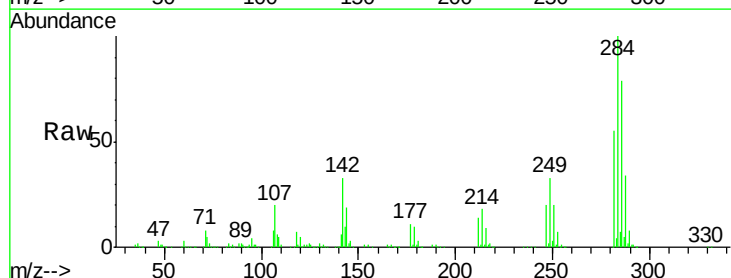
RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

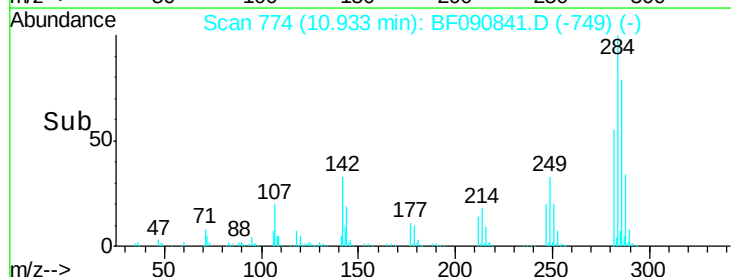
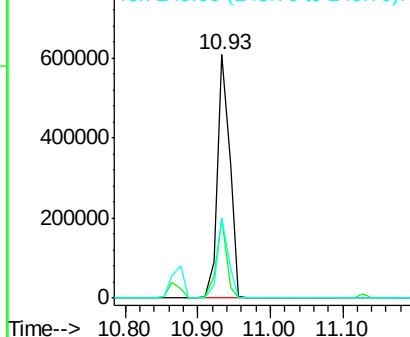
Lab File: BF090841.D

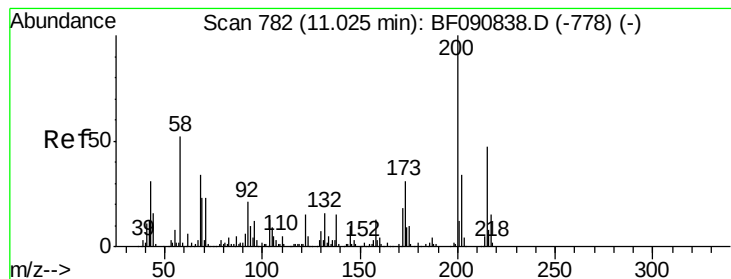
Acq: 26 Oct 2016 14:21

Tgt Ion:	284	Resp:	719207
Ion Ratio	Lower	Upper	
284	100		
142	32.9	29.5	44.3
249	32.6	19.5	29.3#



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





#68

Atrazine

Concen: 66.49 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

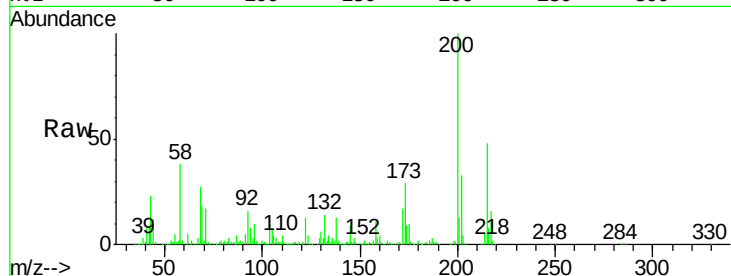
BNA_F

ClientSampleId :

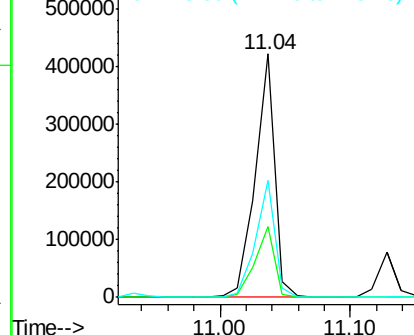
SSTDIC080

Tot Ion:	200	Resp:	437765
Ion Ratio	Lower	Upper	
200	100		
173	29.0	13.2	53.2
215	48.2	41.8	81.8

Manual Integrations
APPROVED

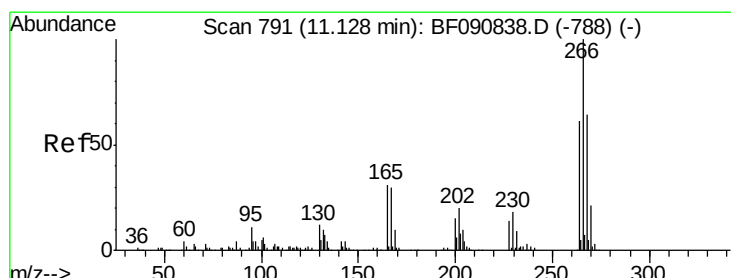
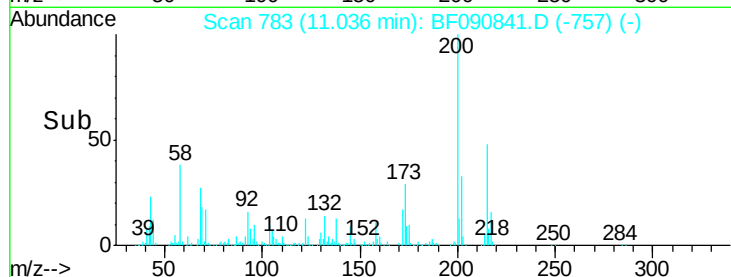


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



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#69

Pentachlorophenol

Concen: 77.32 ng

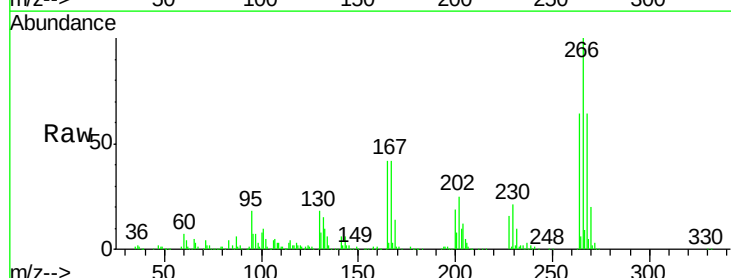
RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

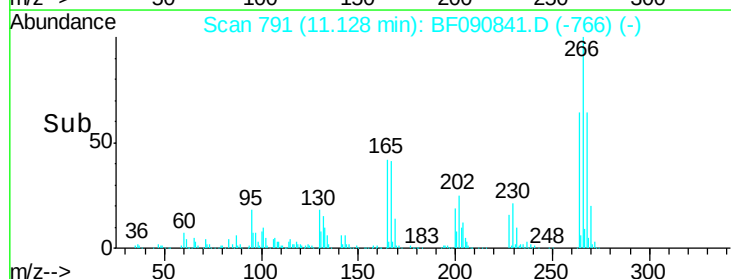
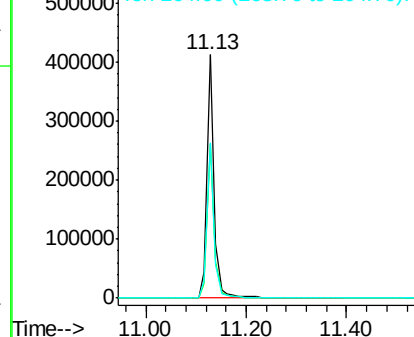
Lab File: BF090841.D

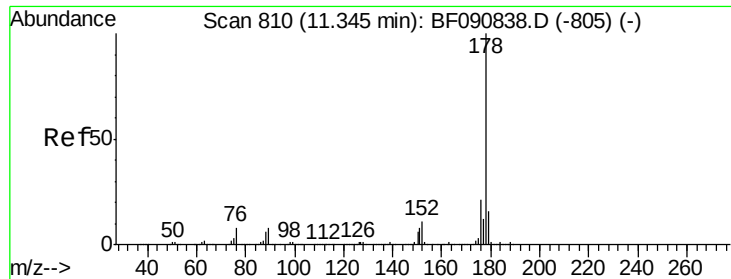
Acq: 26 Oct 2016 14:21

Tgt Ion:	266	Resp:	410378
Ion Ratio	Lower	Upper	
266	100		
268	63.5	49.8	74.6
264	63.8	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 64.70 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2455253

Ion Ratio Lower Upper

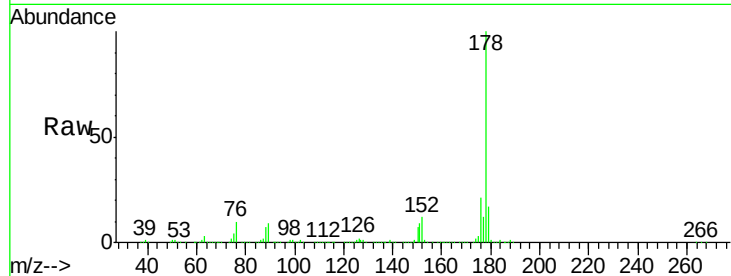
178 100

176 21.4 13.8 20.8#

179 17.1 12.2 18.2

Manual Integrations

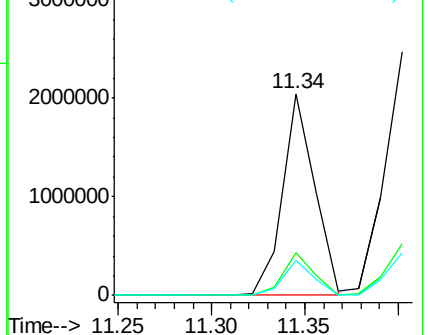
APPROVED



Abundance Ion 178.00 (177.70 to 178.70): E

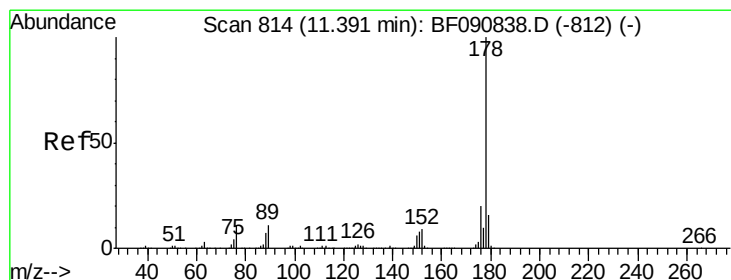
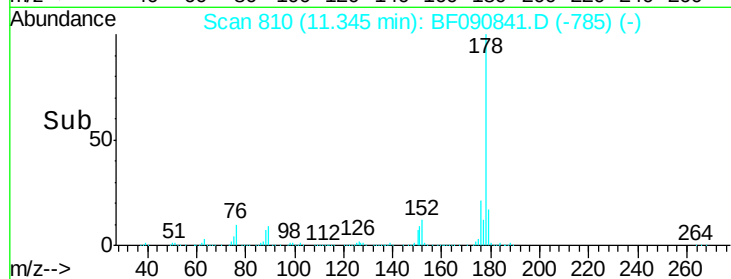
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#71

Anthracene

Concen: 63.20 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

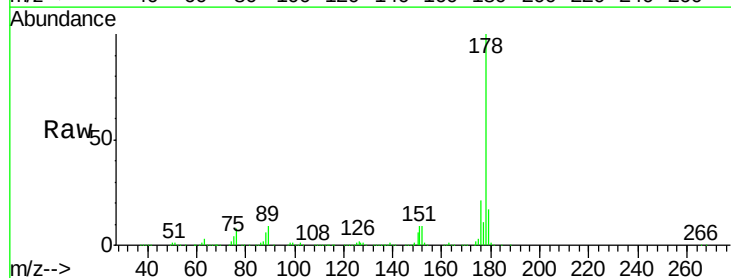
Tgt Ion:178 Resp: 2659829

Ion Ratio Lower Upper

178 100

176 21.3 14.1 21.1#

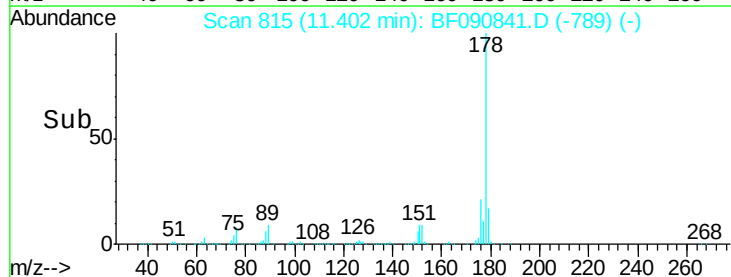
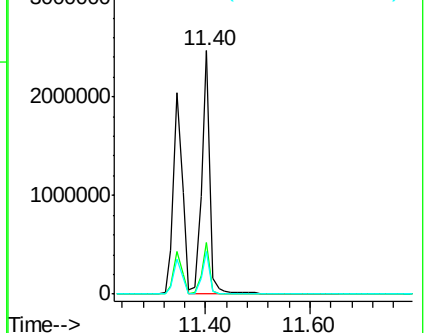
179 17.3 12.2 18.2

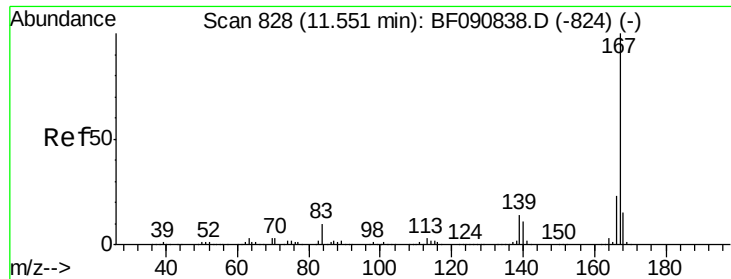


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 74.84 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:167 Resp: 2633464

Ion Ratio Lower Upper

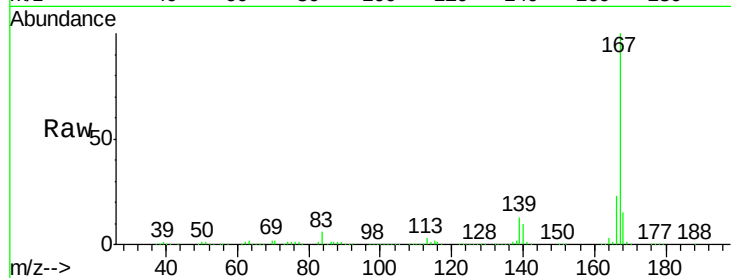
167 100

166 23.2 15.7 23.5

139 13.1 9.5 14.3

Manual Integrations

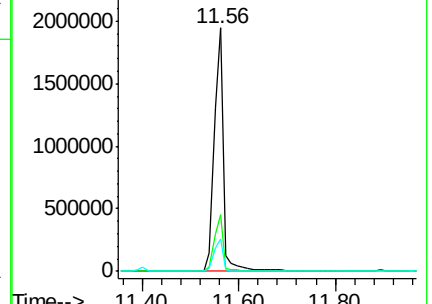
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Abundance Ion 167.00 (166.70 to 167.70): E

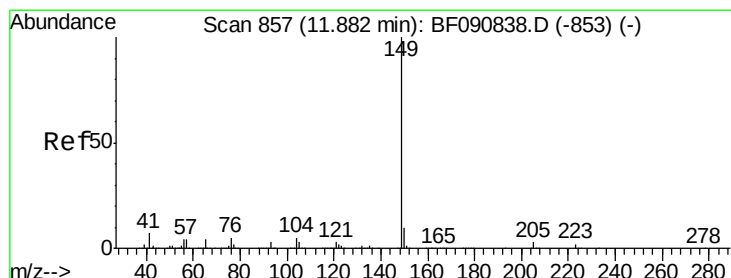
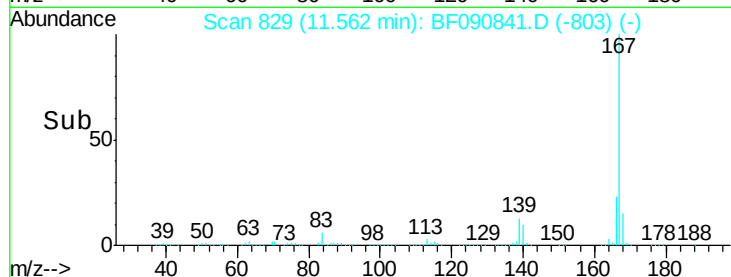
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 66.89 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

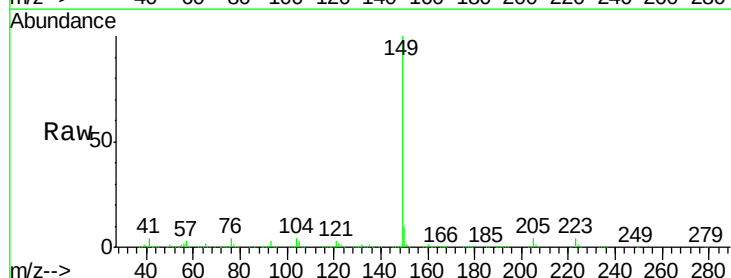
Tgt Ion:149 Resp: 3053208

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

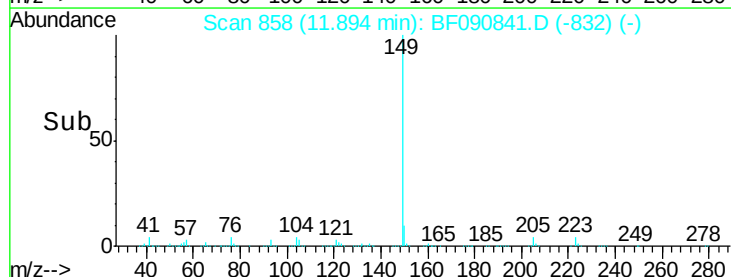
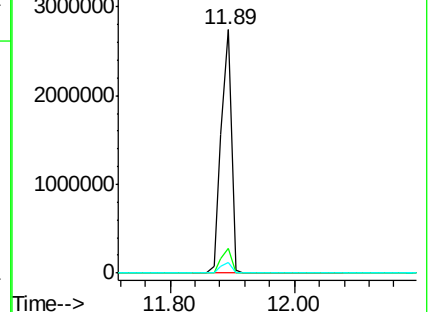
104 4.4 2.4 3.6#

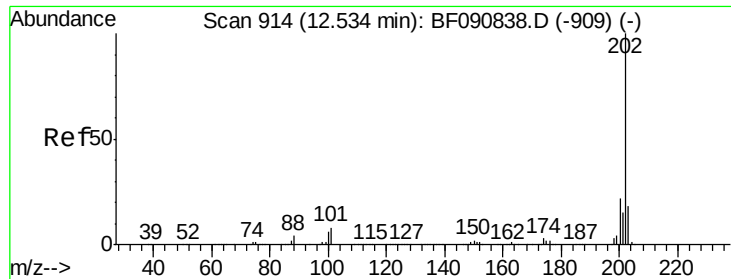


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 72.24 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:202 Resp: 2652043

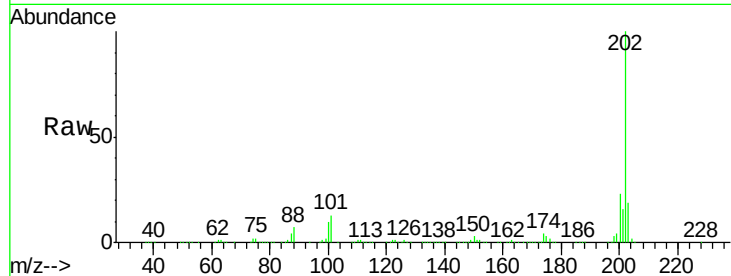
Ion Ratio Lower Upper

202 100

101 13.3 0.0 38.3

203 19.2 0.0 37.3

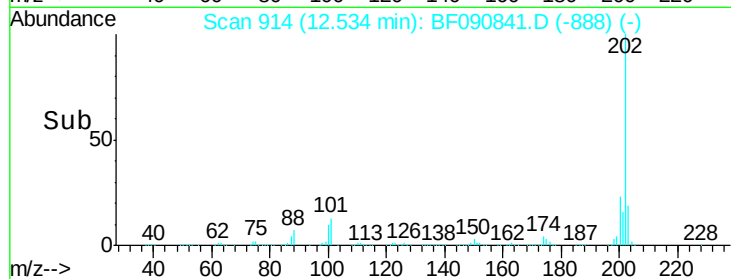
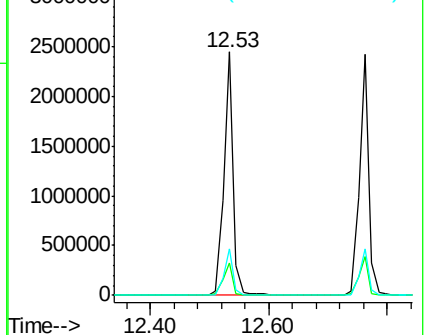
Manual Integrations
APPROVED



Abundance Ion 202.00 (201.70 to 202.70): E

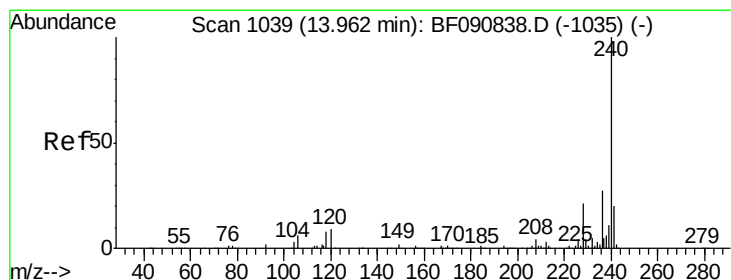
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

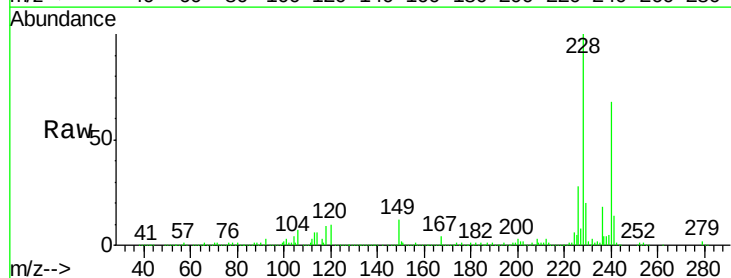
Tgt Ion:240 Resp: 639015

Ion Ratio Lower Upper

240 100

120 14.5 16.2 24.2#

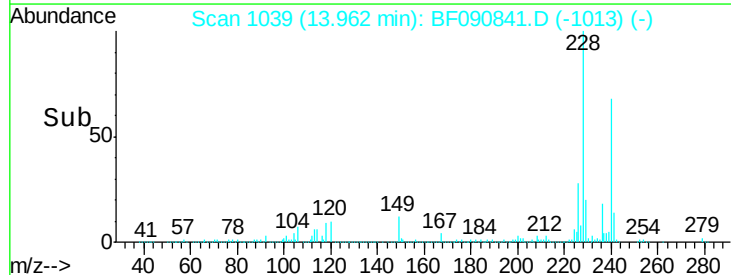
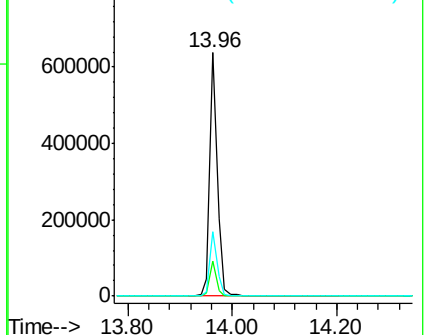
236 26.4 18.4 27.6

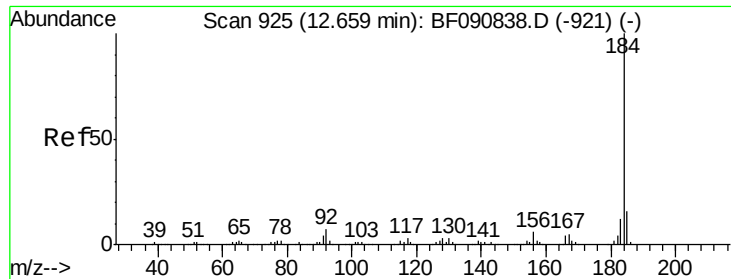


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 67.32 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 955218

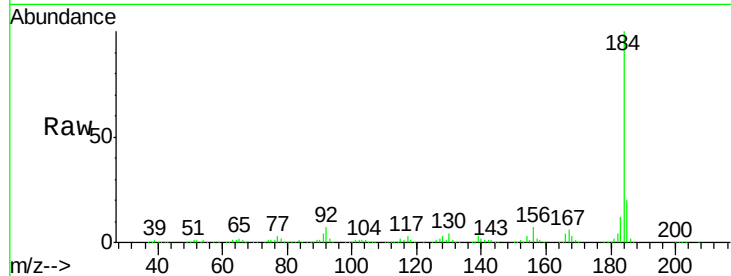
Ion Ratio Lower Upper

184 100

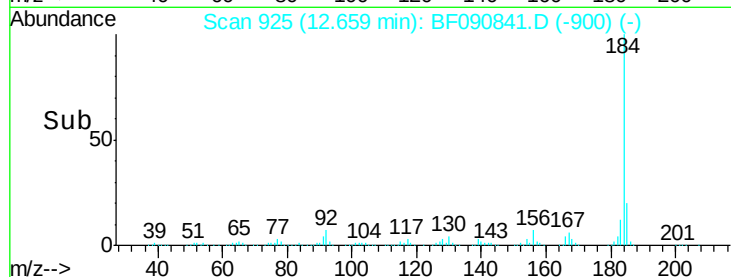
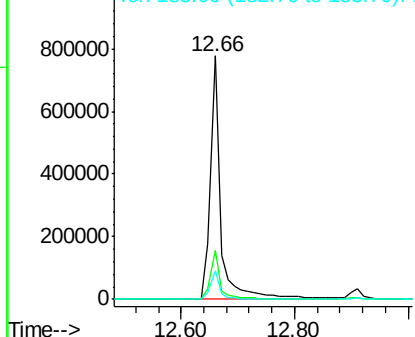
185 20.0 11.8 17.6#

183 11.8 7.6 11.4#

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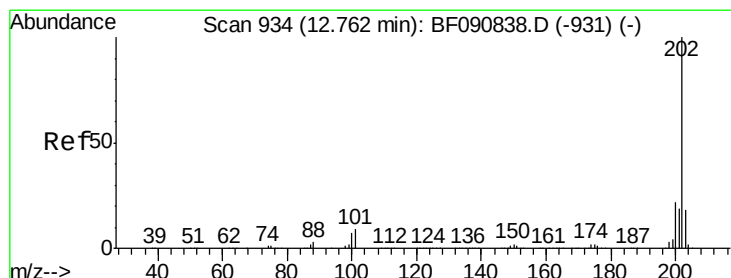


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 59.10 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

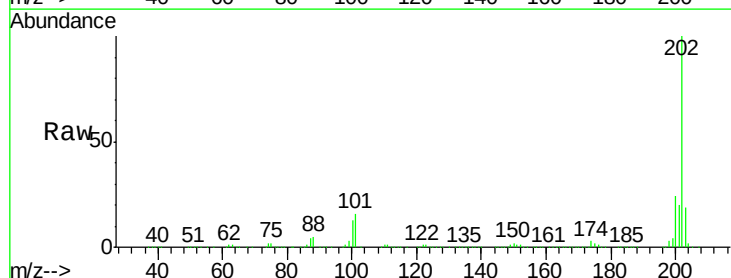
Tgt Ion:202 Resp: 2637624

Ion Ratio Lower Upper

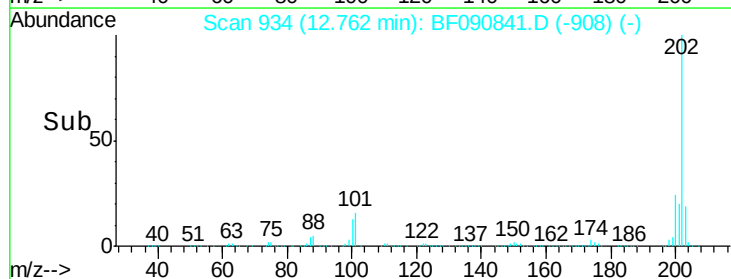
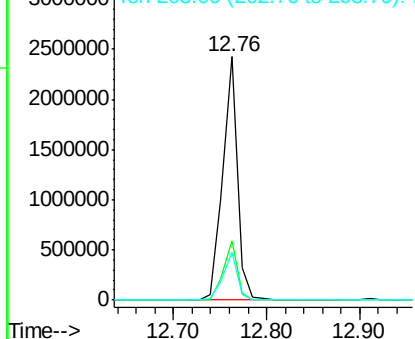
202 100

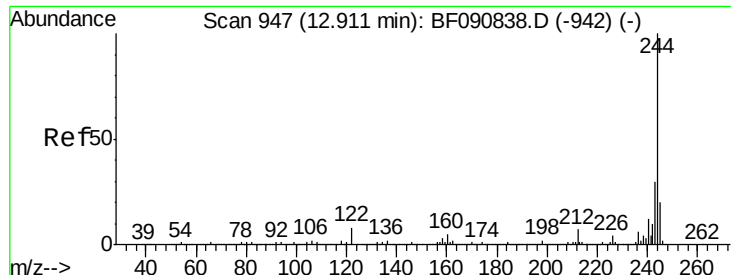
200 24.4 15.0 22.4#

203 19.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



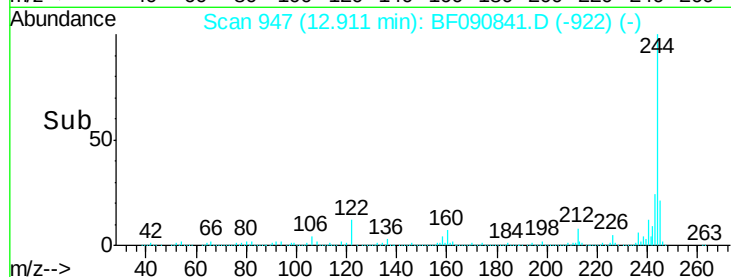
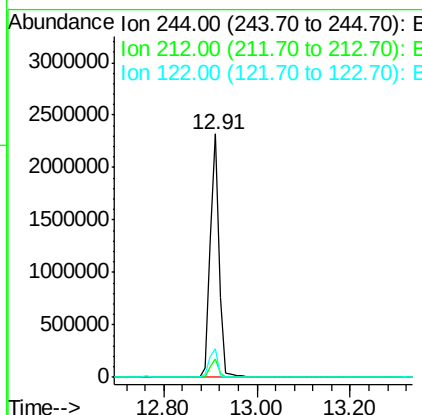
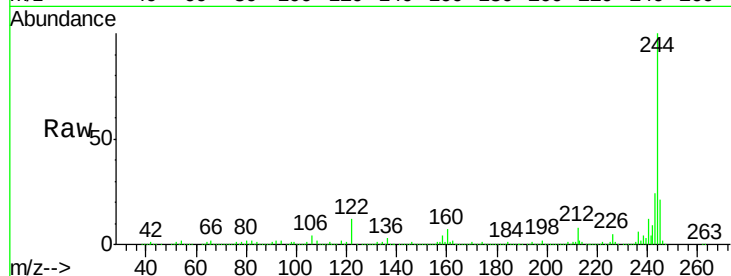


#78
 Terphenyl-d14
 Concen: 114.57 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

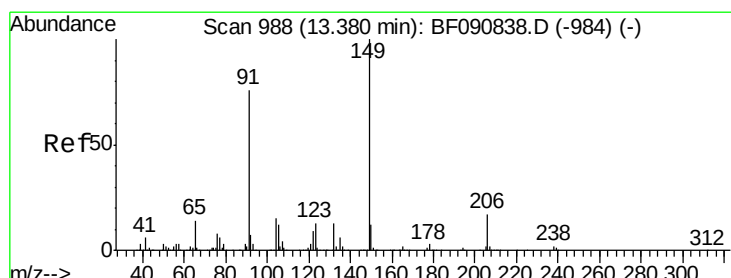
Tot Ion:244 Resp: 3194477
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 11.7 17.4 26.2#

Manual Integrations
 APPROVED



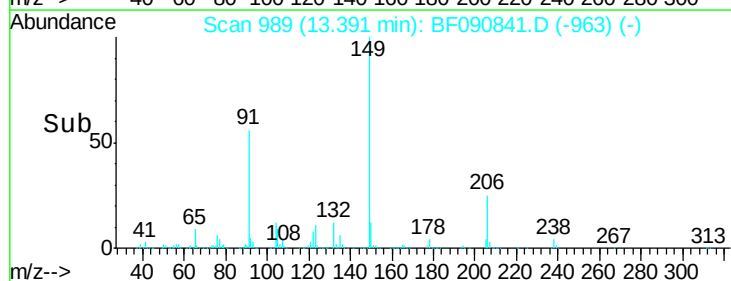
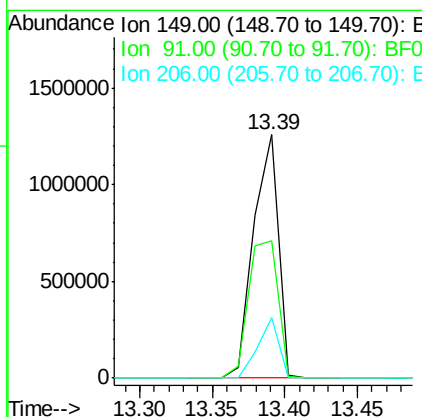
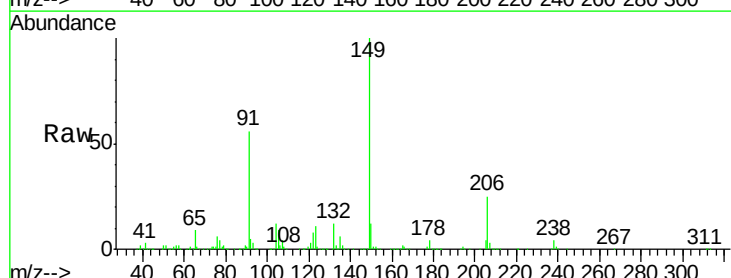
sohil

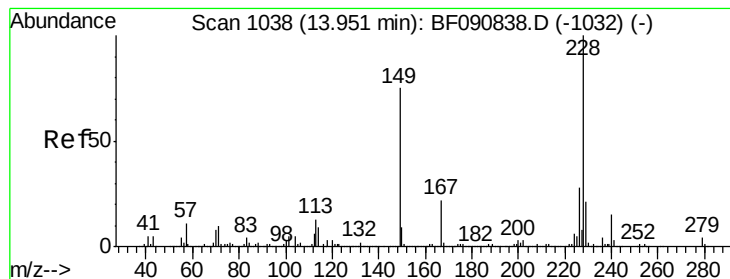
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#79
 Butylbenzylphthalate
 Concen: 72.83 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF090841.D
 Acq: 26 Oct 2016 14:21

Tgt Ion:149 Resp: 1494194
 Ion Ratio Lower Upper
 149 100
 91 56.4 48.6 72.8
 206 24.8 14.9 22.3#





#80

Benzo(a)anthracene

Concen: 65.83 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2302171

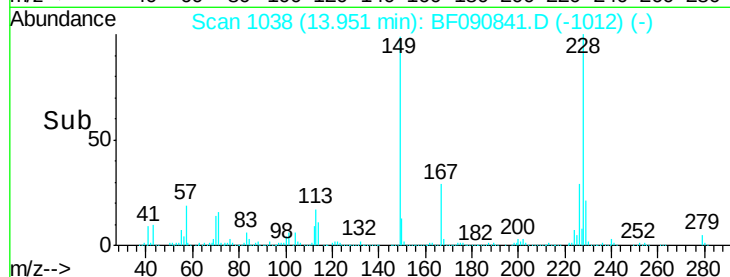
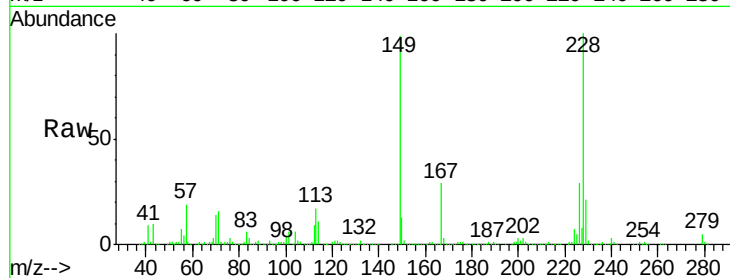
Ion Ratio Lower Upper

228 100

226 28.7 20.0 30.0

229 21.0 15.4 23.2

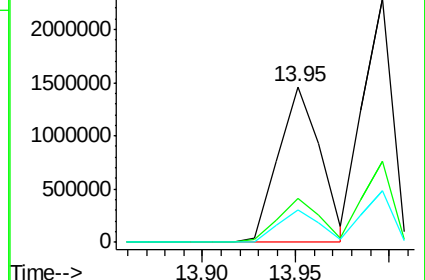
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E

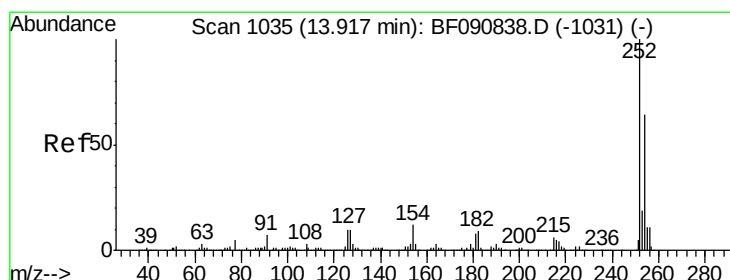
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#81

3,3'-Dichlorobenzidine

Concen: 80.94 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090841.D

Acq: 26 Oct 2016 14:21

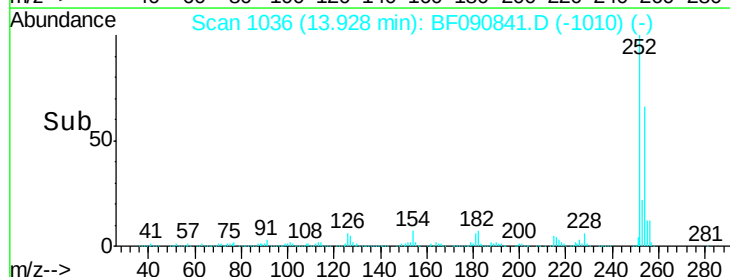
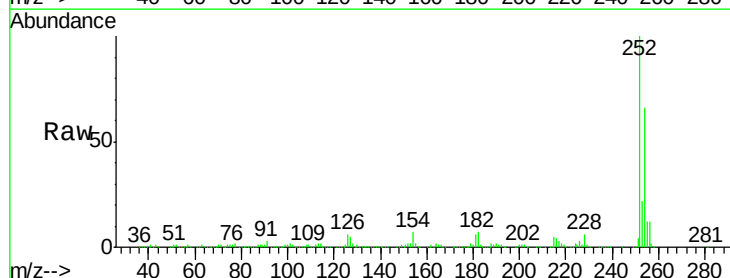
Tgt Ion:252 Resp: 980777

Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.2

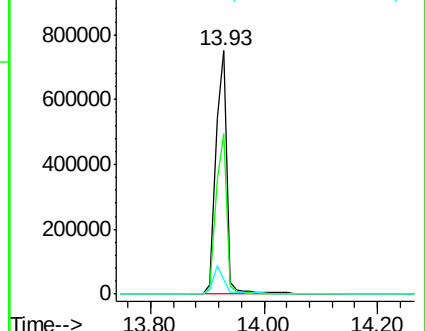
126 5.7 16.4 24.6#

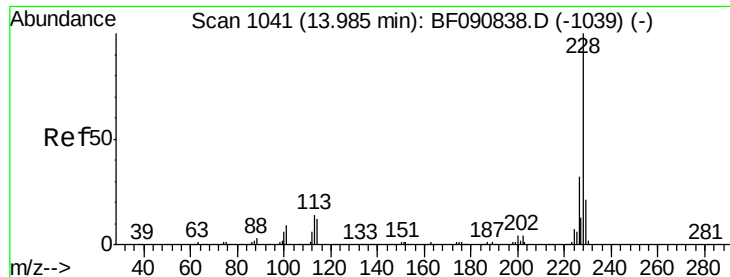


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



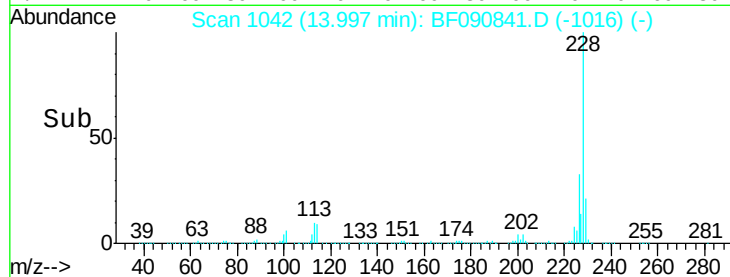
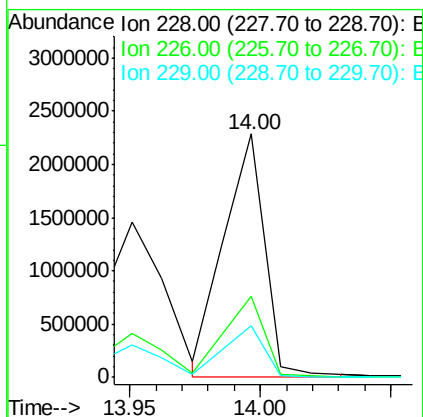
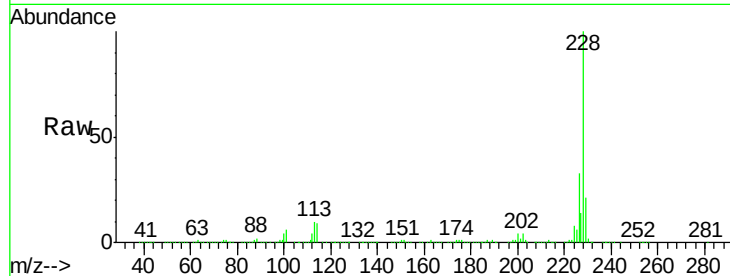


#82
Chrysene
Concen: 74.47 ng/ml
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
Client Sample ID :
SSTDIC080

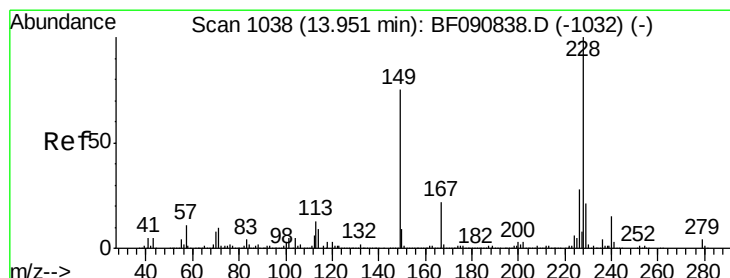
Tot Ion: 228 Resp: 2541558
Ion Ratio Lower Upper
228 100
226 33.1 21.0 31.4#
229 21.1 15.6 23.4

Manual Integrations
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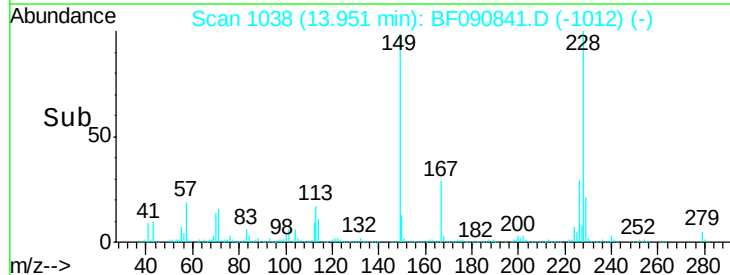
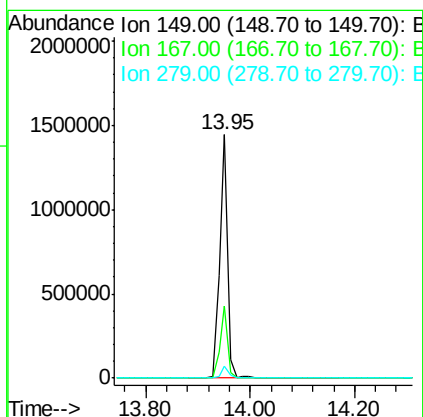
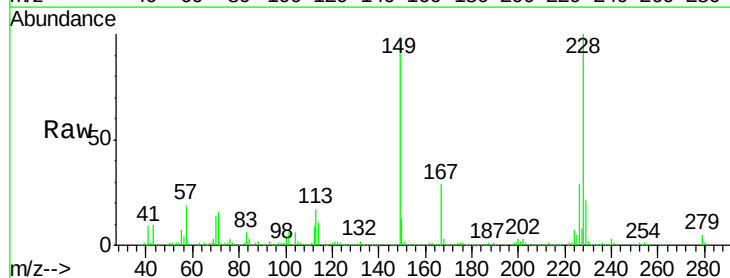
sohil

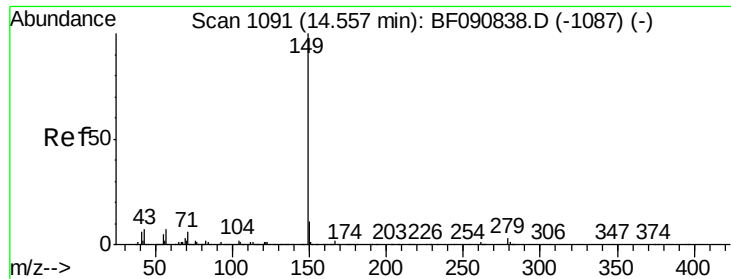
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#83
Bis(2-ethylhexyl)phthalate
Concen: 51.63 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion: 149 Resp: 1515276
Ion Ratio Lower Upper
149 100
167 29.5 24.2 36.2
279 4.7 3.8 5.6



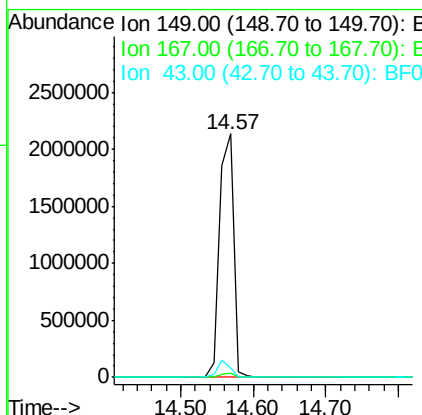
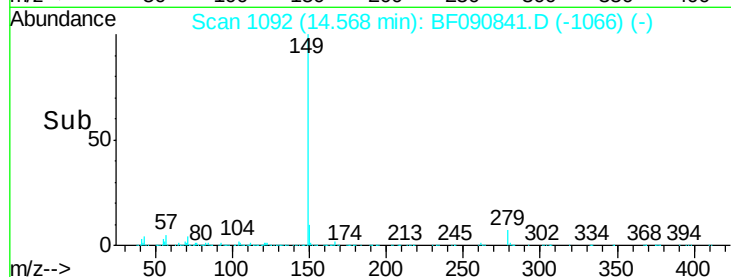
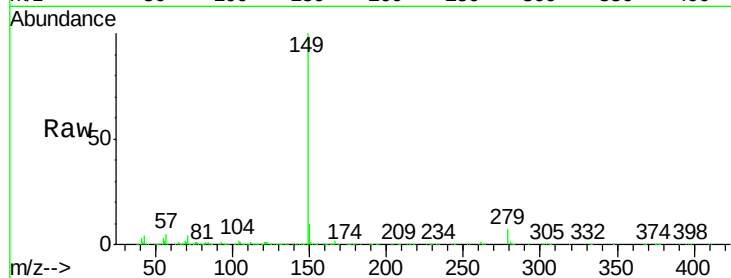


#84
Di-n-octyl phthalate
Concen: 64.57 ng
RT: 14.57 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

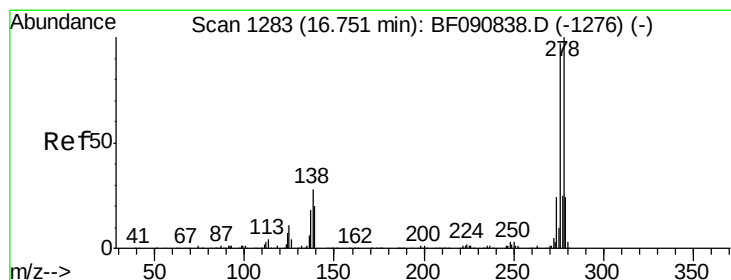
Tot Ion:149 Resp: 2876203
Ion Ratio Lower Upper
149 100
167 1.8 1.0 1.6#
43 6.4 10.2 15.2#

Manual Integrations
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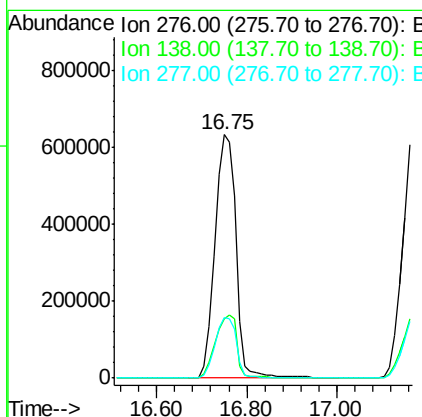
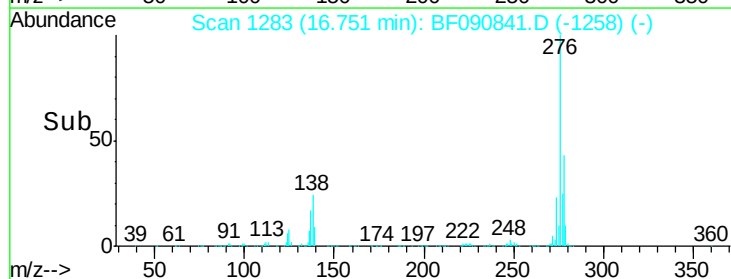
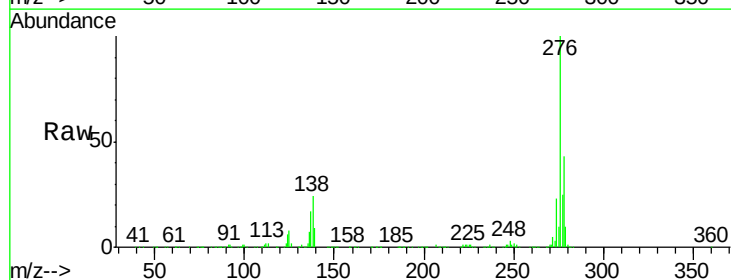
sohil

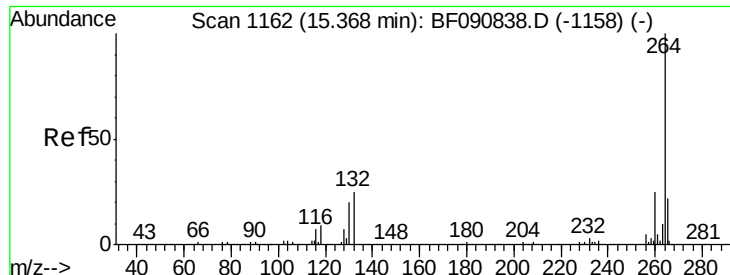
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#85
Indeno(1,2,3-cd)pyrene
Concen: 69.62 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion:276 Resp: 2073094
Ion Ratio Lower Upper
276 100
138 26.8 25.7 38.5
277 25.3 15.6 23.4#



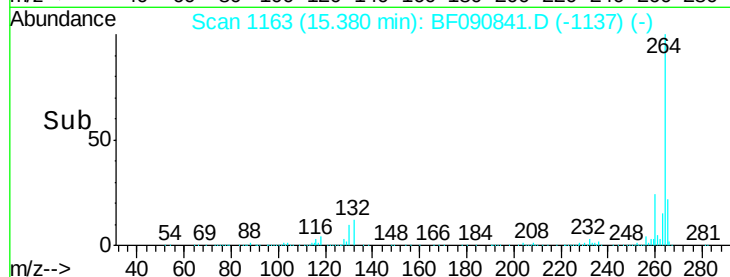
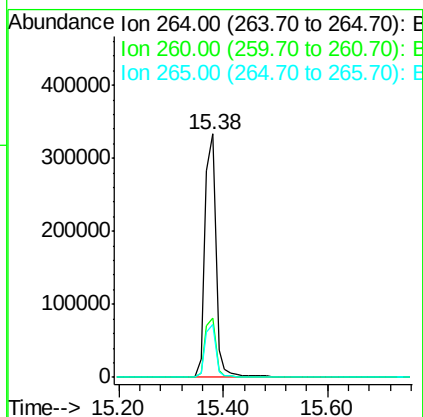
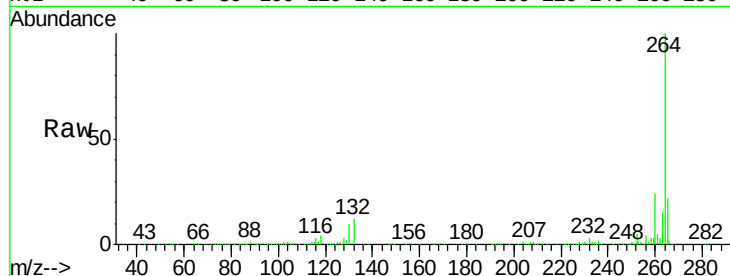


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampled :
SSTDIC080

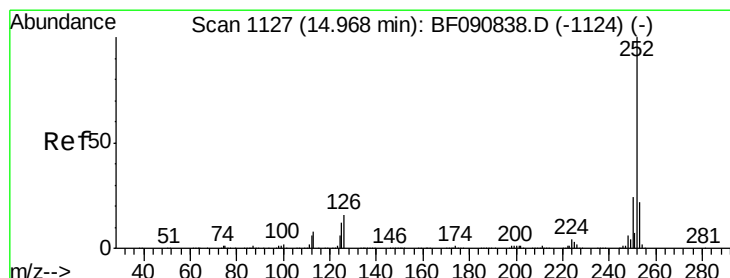
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.5	17.2	25.8

Manual Integrations
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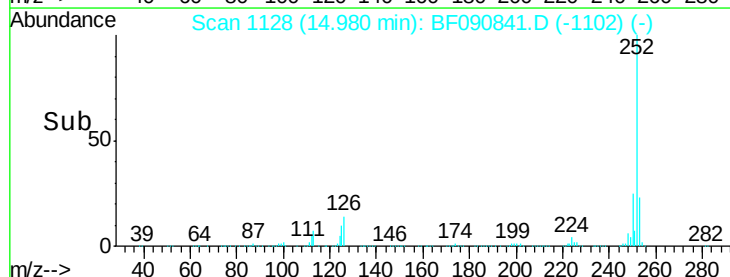
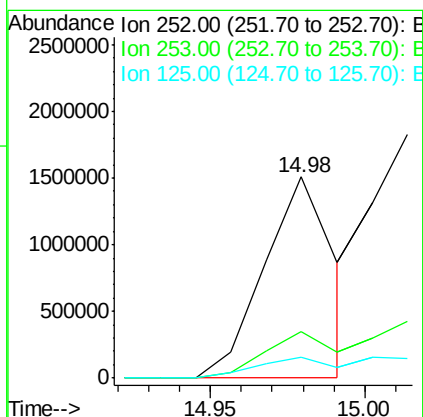
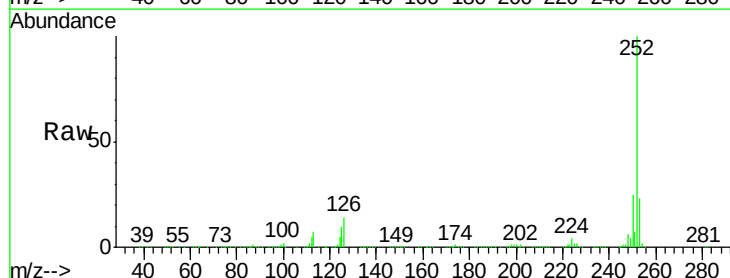
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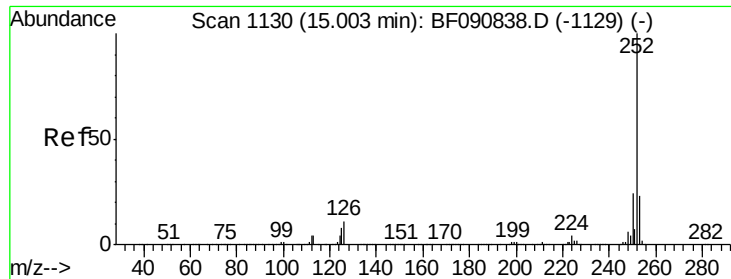
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#87
Benzo(b)fluoranthene
Concen: 78.10 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.4	17.1	25.7#



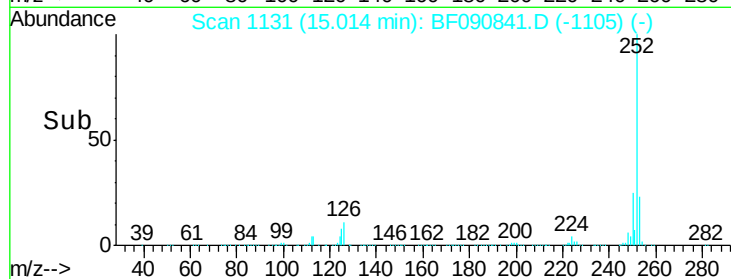
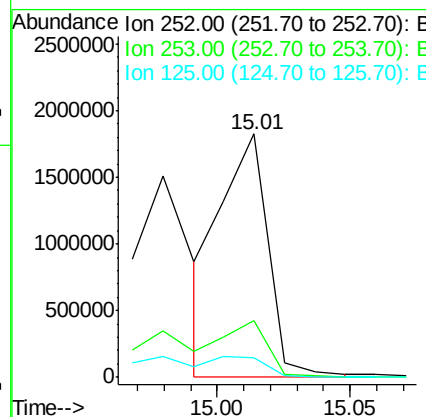
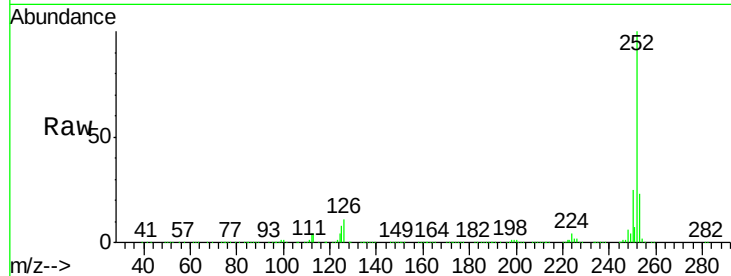


#88
Benzo(k)fluoranthene
Concen: 74.65 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Instrument :
BNA_F
ClientSampled :
SSTDIC080

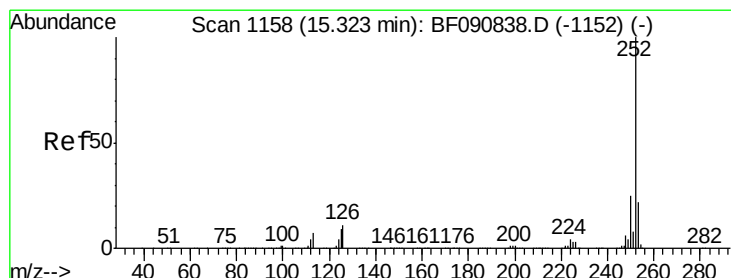
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	7.8	16.0	24.0

Manual Integrations
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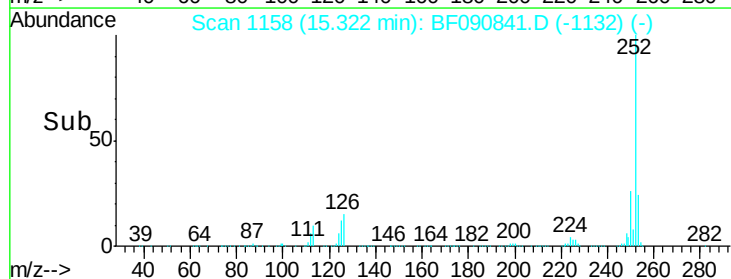
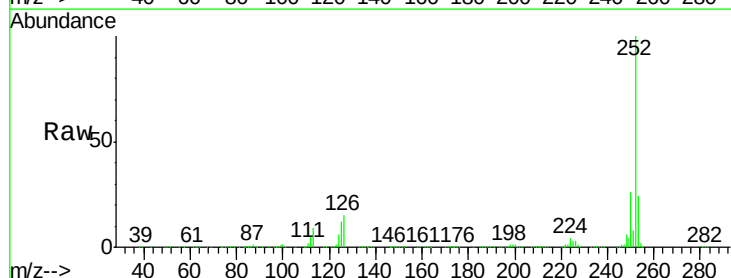
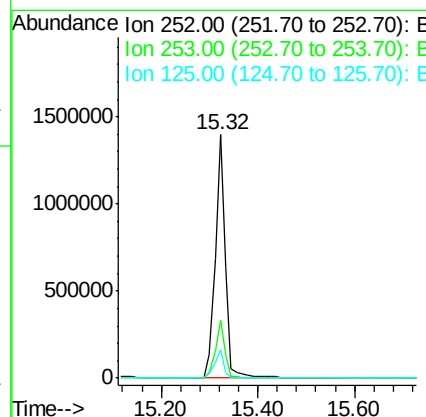
sohil

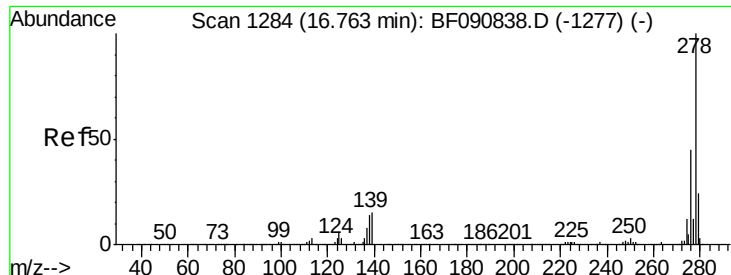
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#89
Benzo(a)pyrene
Concen: 72.52 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.7	18.0	27.0



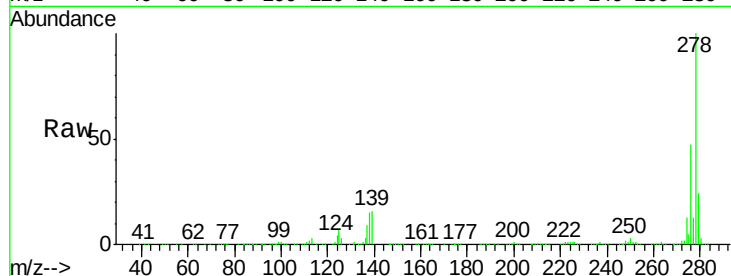


#90
Dibenzo(a,h)anthracene
Concen: 64.99 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

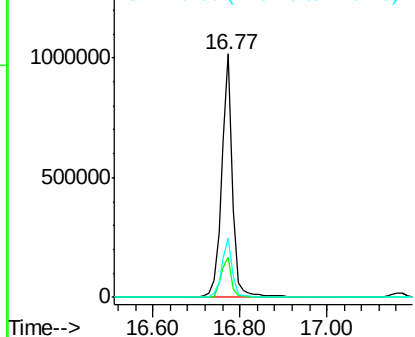
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	26.3	39.5#
279	24.4	18.2	27.4

Manual Integrations
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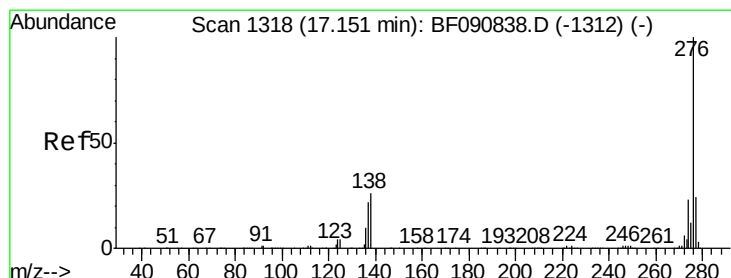
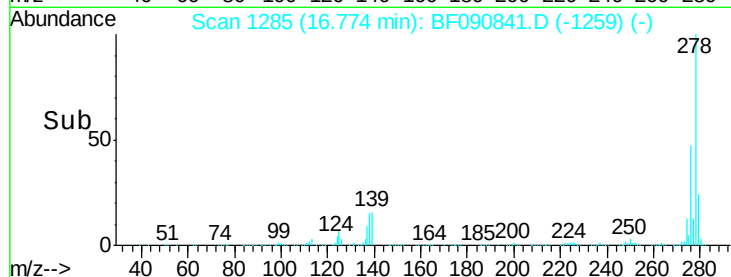


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



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10/27/2016 3:45:56 PM



#91
Benzo(g,h,i)perylene
Concen: 63.30 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF090841.D
Acq: 26 Oct 2016 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	22.2	34.6	51.8#

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

